

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011619\
 Data File : BF112070.D
 Acq On : 16 Jan 2019 16:41
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 1/17/2019 2:07:56 PM

Quant Time: Jan 16 17:29:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 16:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	295210	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1098707	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	534038	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1021688	20.00	ng	0.00
76) Chrysene-d12	14.03	240	823343	20.00	ng	0.00
87) Perylene-d12	15.50	264	716676	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1557397	90.26	ng	0.00
7) Phenol-d6	6.51	99	1920721	86.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	1693537	82.38	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	604951	87.09	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3253672	88.84	ng	0.00
79) Terphenyl-d14	12.97	244	3568099	82.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	369882	49.023	ng	99
3) Pyridine	3.39	79	978635	50.042	ng	98
4) n-Nitrosodimethylamine	3.35	42	386389	39.711	ng	100
6) Aniline	6.53	93	1169644	43.495	ng	# 65
8) 2-Chlorophenol	6.66	128	922690	48.156	ng	98
9) Benzaldehyde	6.41	77	486512	34.973	ng	99
10) Phenol	6.53	94	1063908	44.013	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	874073	46.741	ng	98
12) 1,3-Dichlorobenzene	6.80	146	1039653	46.805	ng	99
13) 1,4-Dichlorobenzene	6.88	146	1059203	46.991	ng	99
14) 1,2-Dichlorobenzene	7.04	146	970076	45.023	ng	98
15) Benzyl Alcohol	7.01	79	743043	42.226	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1222842	38.353	ng	95
17) 2-Methylphenol	7.13	107	690276	44.825	ng	97
18) Hexachloroethane	7.37	117	365916	46.495	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	604172	41.810	ng	99
20) 3+4-Methylphenols	7.28	107	831108	43.365	ng	# 82
22) Acetophenone	7.27	105	1203293	43.259	ng	98
24) Nitrobenzene	7.45	77	906491	43.590	ng	94
25) Isophorone	7.69	82	1499586	45.047	ng	98
26) 2-Nitrophenol	7.76	139	432491	42.238	ng	98
27) 2,4-Dimethylphenol	7.80	122	705755	47.670	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	1030242	46.365	ng	100
29) 2,4-Dichlorophenol	8.01	162	785696	46.152	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	887594	47.261	ng	99
31) Naphthalene	8.17	128	2386687	45.760	ng	99
32) Benzoic acid	7.94	122	348208m	36.243	ng	
33) 4-Chloroaniline	8.22	127	1072374	47.563	ng	98
34) Hexachlorobutadiene	8.29	225	493595	42.217	ng	98
35) Caprolactam	8.60	113	268858	48.337	ng	90
36) 4-Chloro-3-methylphenol	8.71	107	748294	44.208	ng	98
37) 2-Methylnaphthalene	8.86	142	1629557	50.422	ng	99
38) 1-Methylnaphthalene	8.96	142	1568675	50.606	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	852368	50.065	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011619\
 Data File : BF112070.D
 Acq On : 16 Jan 2019 16:41
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 1/17/2019 2:07:56 PM

Quant Time: Jan 16 17:29:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 16:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	324628	32.977	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	547812	47.439	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	571622	47.246	nq	97
46) 1,1'-Biphenyl	9.33	154	2124435	47.557	nq	98
47) 2-Chloronaphthalene	9.35	162	1711516	48.817	nq	98
48) 2-Nitroaniline	9.45	65	427232	39.858	nq	92
49) Acenaphthylene	9.77	152	2463702	47.531	nq	100
50) Dimethylphthalate	9.63	163	1915155	47.739	nq	100
51) 2,6-Dinitrotoluene	9.69	165	419721	46.786	nq	88
52) Acenaphthene	9.94	154	1493281	44.688	nq	100
53) 3-Nitroaniline	9.86	138	462243	48.115	nq	90
54) 2,4-Dinitrophenol	9.96	184	97478	25.661	nq	91
55) Dibenzofuran	10.11	168	2287795	47.077	nq	97
56) 4-Nitrophenol	10.03	139	299061	44.056	nq	95
57) 2,4-Dinitrotoluene	10.09	165	510362	44.027	nq	90
58) Fluorene	10.45	166	1671946	47.282	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	439781	43.142	nq	98
60) Diethylphthalate	10.32	149	1844018	47.498	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	920505	46.421	nq	96
62) 4-Nitroaniline	10.47	138	454490	49.876	nq	97
63) Azobenzene	10.60	77	1780471	48.007	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	213938	33.936	nq	94
66) n-Nitrosodiphenylamine	10.56	169	1636756	47.739	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	590217	44.601	nq	93
68) Hexachlorobenzene	11.01	284	630245	42.974	nq	94
69) Atrazine	11.09	200	531169	44.095	nq	98
70) Pentachlorophenol	11.20	266	295914	35.458	nq	99
71) Phenanthrene	11.42	178	2442483	44.714	nq	98
72) Anthracene	11.47	178	2458717	44.340	nq	98
73) Carbazole	11.62	167	2468214	45.760	nq	98
74) Di-n-butylphthalate	11.94	149	2798772	44.671	nq	99
75) Fluoranthene	12.60	202	2555764	45.576	nq	98
77) Benzidine	12.72	184	1121724	45.595	nq	98
78) Pyrene	12.83	202	2638505	46.575	nq	99
80) Butylbenzylphthalate	13.44	149	1213044	50.648	nq	97
81) Benzo(a)anthracene	14.02	228	2281371	48.146	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	845355	48.324	nq	98
83) Chrysene	14.06	228	2166029	47.942	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1697413	53.966	nq	99
85) Di-n-octyl phthalate	14.62	149	2613093	58.052	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1934072	58.719	nq	100
88) Benzo(b)fluoranthene	15.07	252	2085510	48.646	nq	98
89) Benzo(k)fluoranthene	15.11	252	1890702	46.918	nq	99
90) Benzo(a)pyrene	15.44	252	1855538	49.225	nq	98
91) Dibenzo(a,h)anthracene	17.01	278	1603368	52.885	nq	99
92) Benzo(g,h,i)perylene	17.44	276	1595286	53.797	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

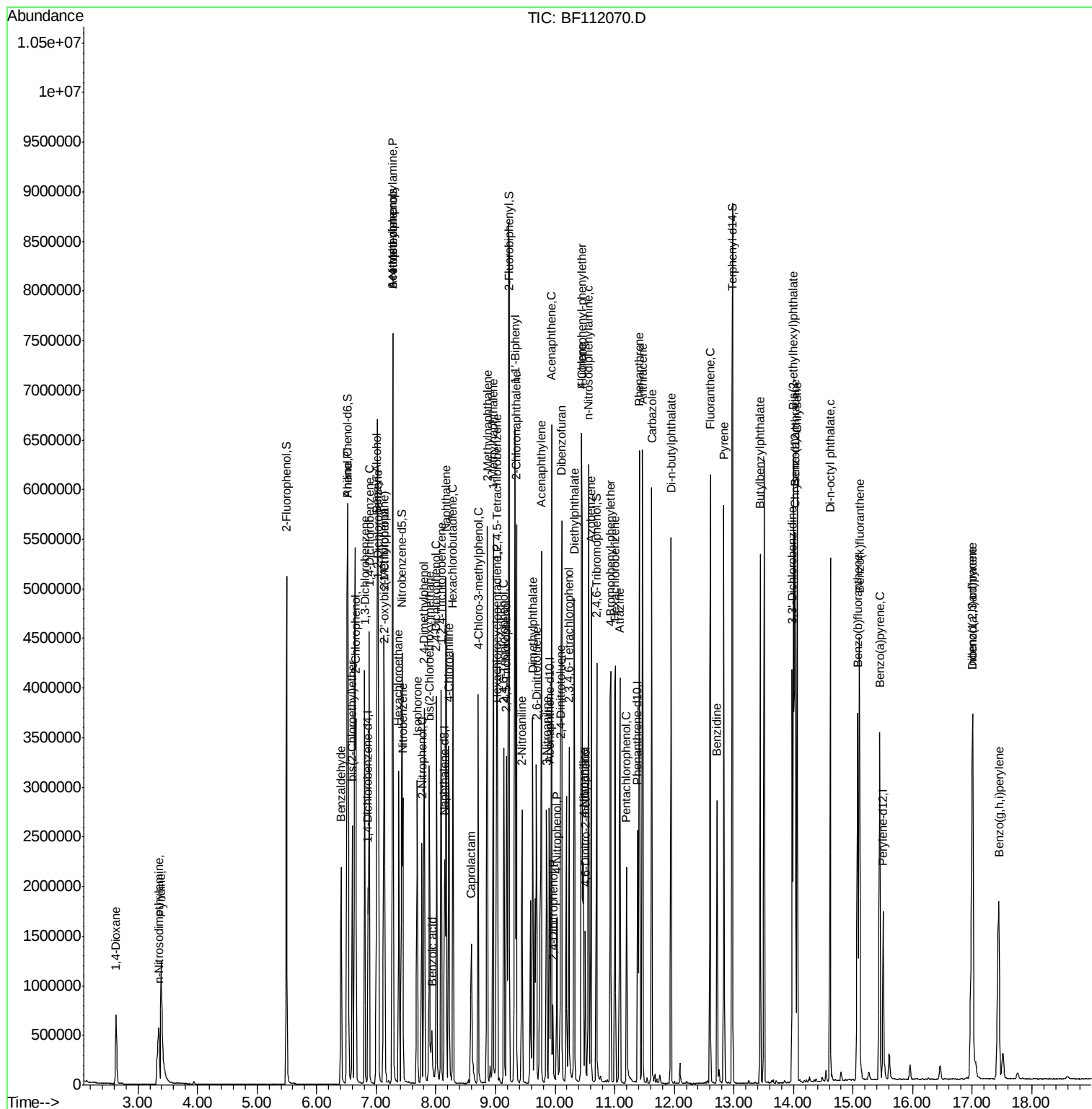
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011619\
 Data File : BF112070.D
 Acq On : 16 Jan 2019 16:41
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

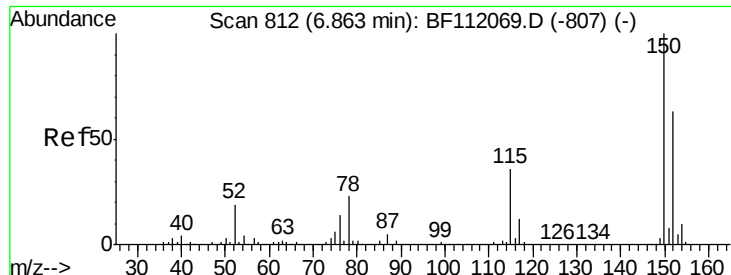
Instrument :
 BNA_F
 Client Sample ID :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 1/17/2019 2:07:56 PM

Quant Time: Jan 16 17:29:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 16:57:14 2019
 Response via : Initial Calibration





#1

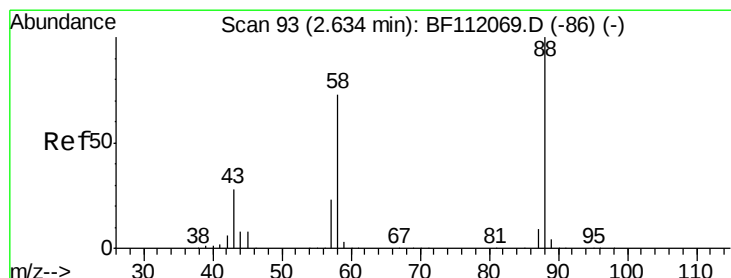
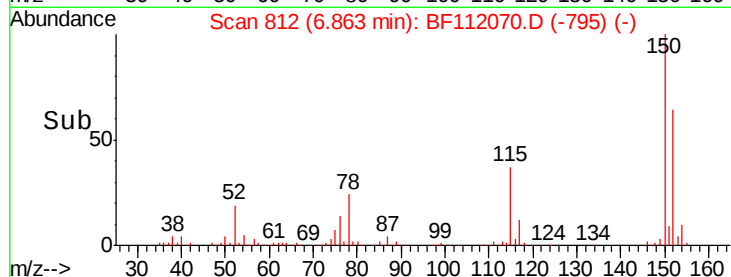
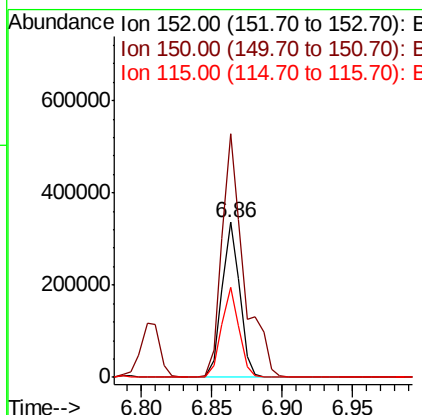
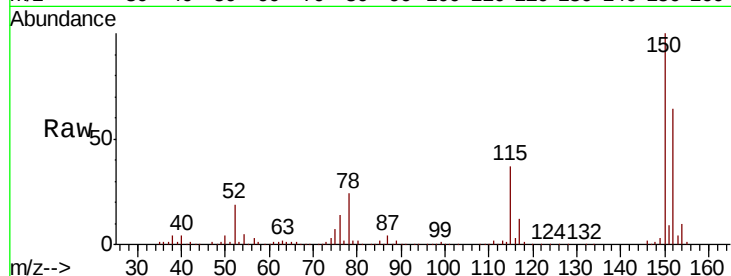
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.4	191.0
115	57.8	45.5	68.3

Manual Integrations
APPROVED

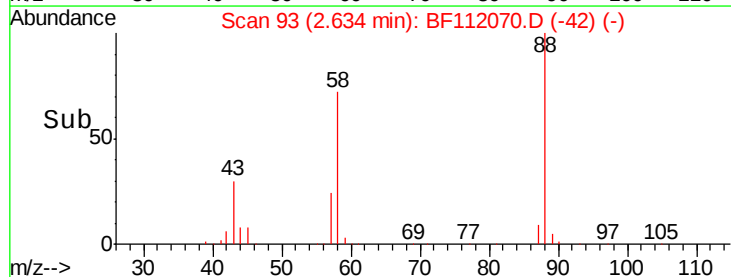
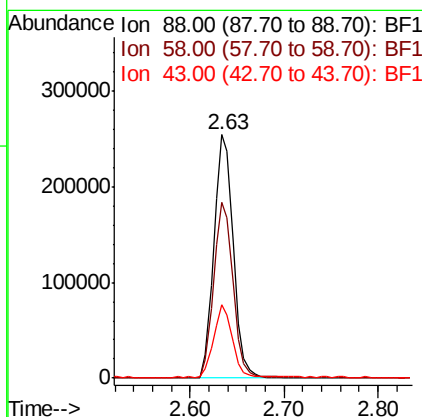
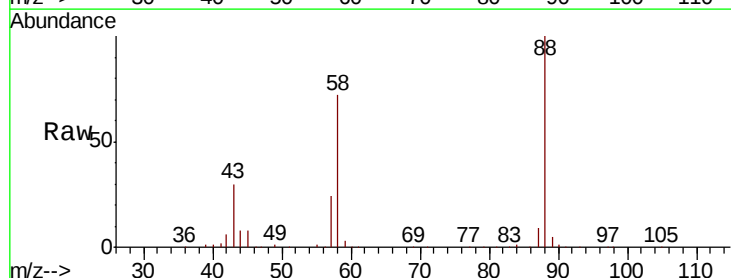
Sohil
1/17/2019 2:07:56 PM

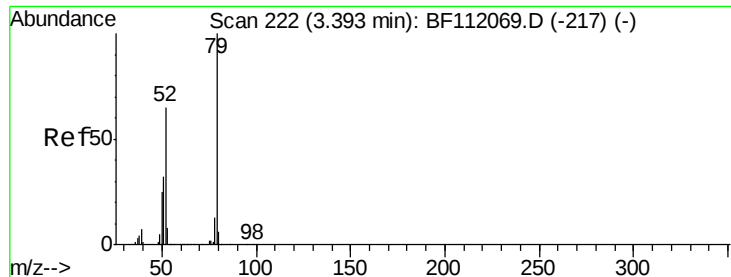


#2

1,4-Dioxane
Concen: 49.023 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	57.4	86.2
43	29.1	22.2	33.4





#3

Pvridine

Concen: 50.042 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

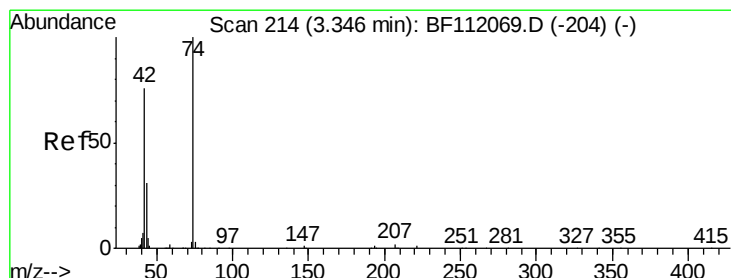
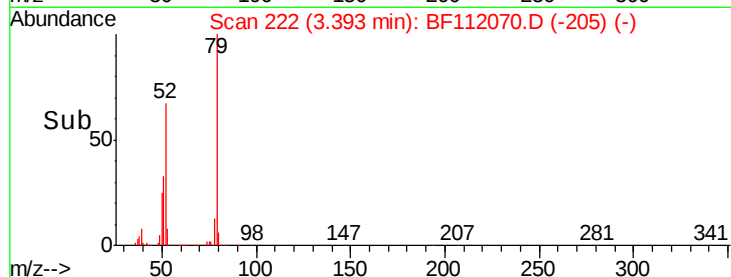
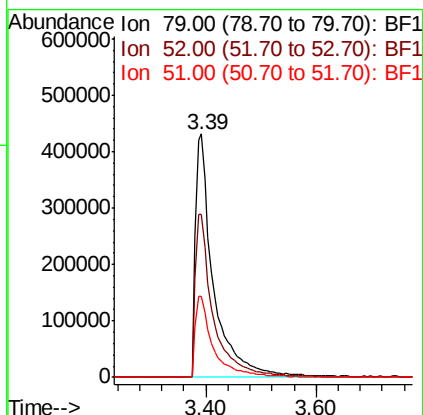
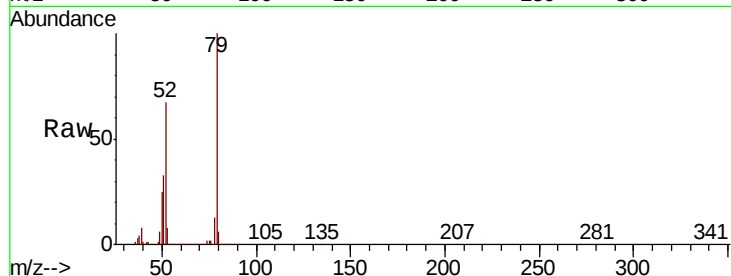
ClientSampleId :

SSTDICC050

Tot Ion:	79	Resp:	978635
Ion	Ratio	Lower	Upper
79	100		
52	66.8	52.4	78.6
51	33.4	26.1	39.1

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM



#4

n-Nitrosodimethylamine

Concen: 39.711 ng

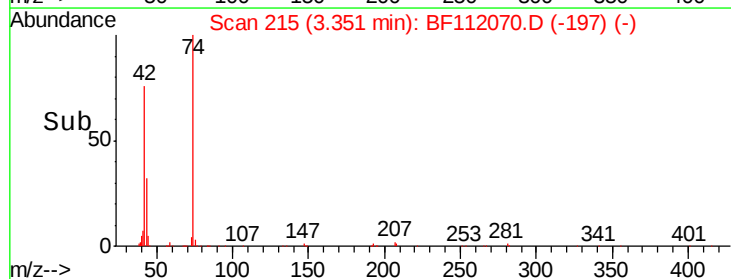
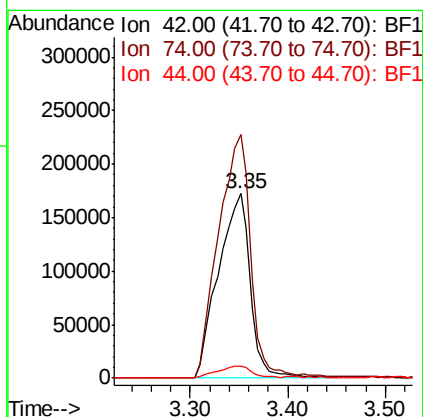
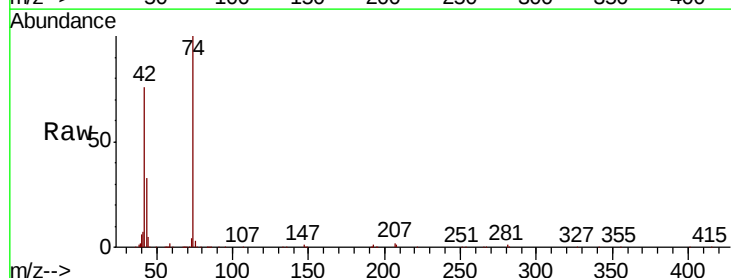
RT: 3.35 min Scan# 215

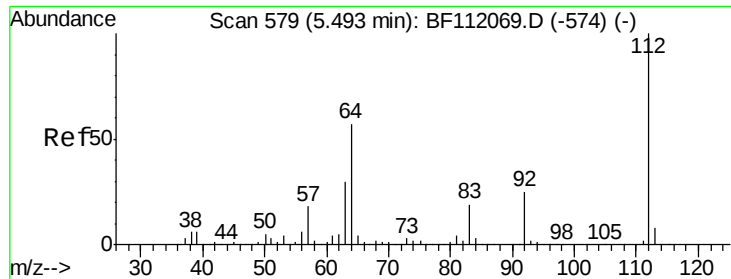
Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Tgt Ion:	42	Resp:	386389
Ion	Ratio	Lower	Upper
42	100		
74	132.0	105.6	158.4
44	6.5	5.4	8.2





#5

2-Fluorophenol

Concen: 90.255 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 112 Resp: 1557397

Ion Ratio Lower Upper

112 100

64 58.3 45.7 68.5

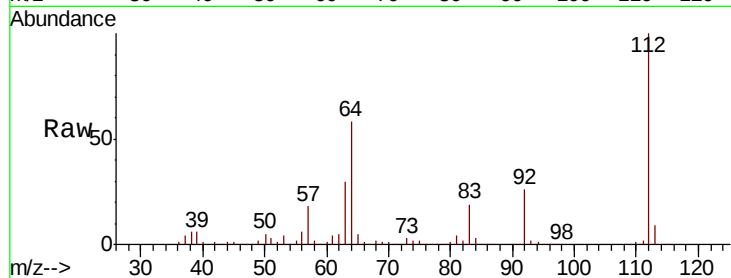
63 30.1 23.6 35.4

Manual Integrations

APPROVED

Sohil

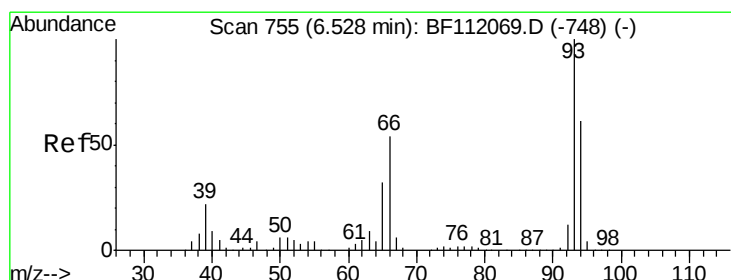
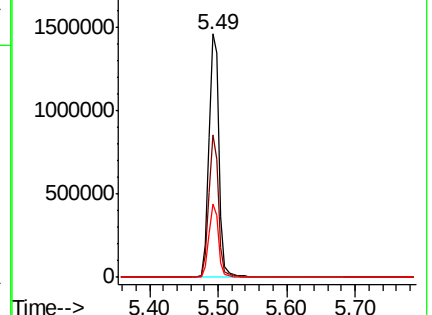
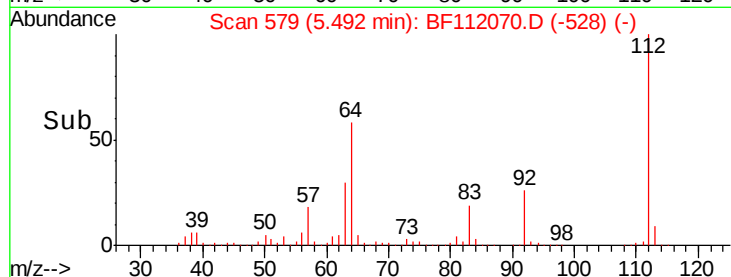
1/17/2019 2:07:56 PM



Abundance Ion 112.00 (111.70 to 112.70): BF112069.D (-574) (-)

Ion 64.00 (63.70 to 64.70): BF112069.D (-574) (-)

Ion 63.00 (62.70 to 63.70): BF112069.D (-574) (-)



#6

Aniline

Concen: 43.495 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

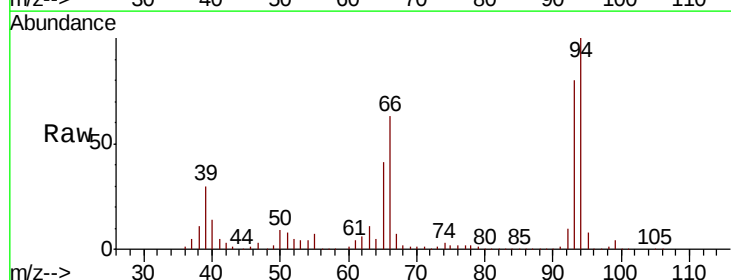
Tgt Ion: 93 Resp: 1169644

Ion Ratio Lower Upper

93 100

66 79.4 43.4 65.2#

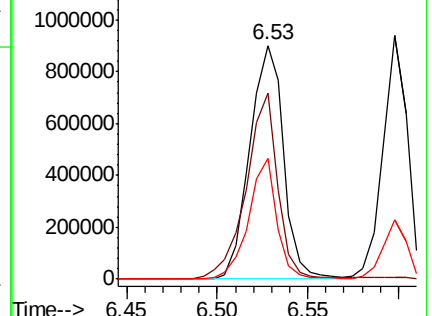
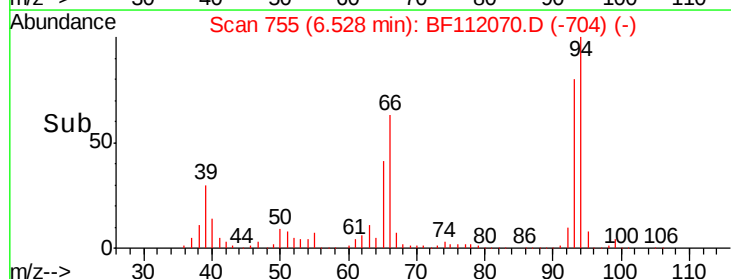
65 51.7 25.3 37.9#

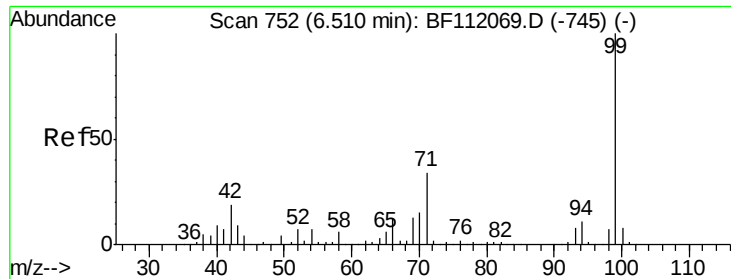


Abundance Ion 93.00 (92.70 to 93.70): BF112069.D (-748) (-)

Ion 66.00 (65.70 to 66.70): BF112069.D (-748) (-)

Ion 65.00 (64.70 to 65.70): BF112069.D (-748) (-)





#7

Phenol-d6

Concen: 86.362 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1920721

Ion Ratio Lower Upper

99 100

42 19.6 15.1 22.7

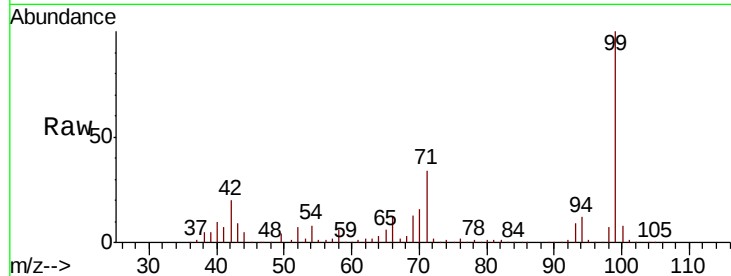
71 33.9 26.9 40.3

Manual Integrations

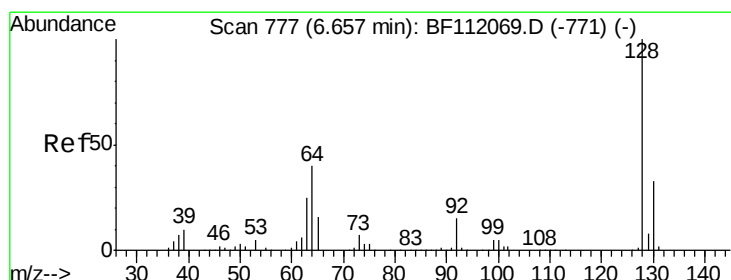
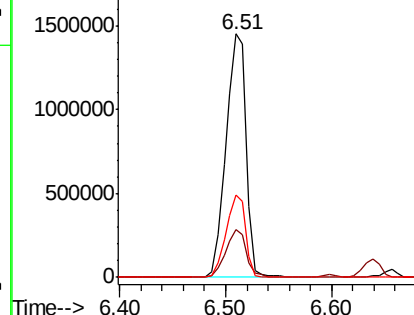
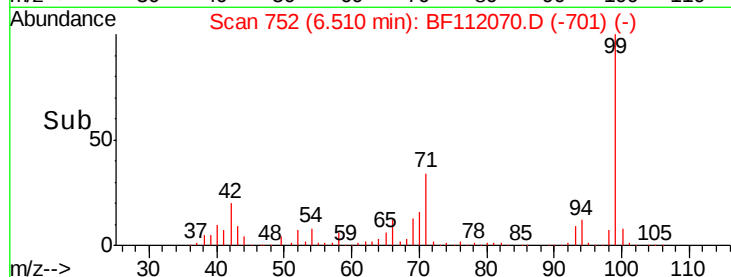
APPROVED

Sohil

1/17/2019 2:07:56 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.156 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

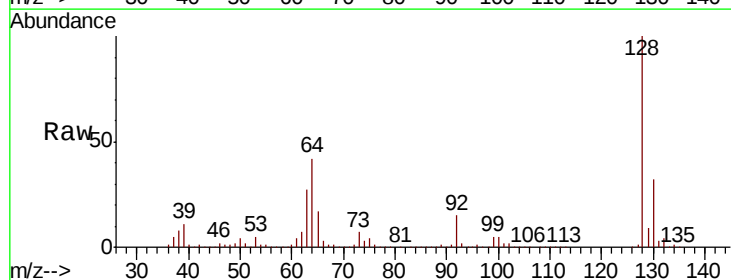
Tgt Ion:128 Resp: 922690

Ion Ratio Lower Upper

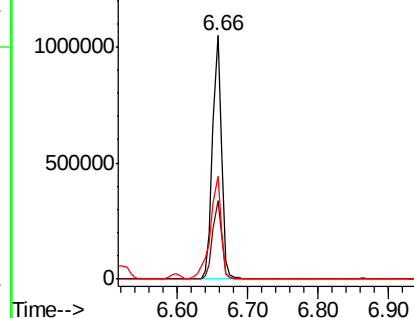
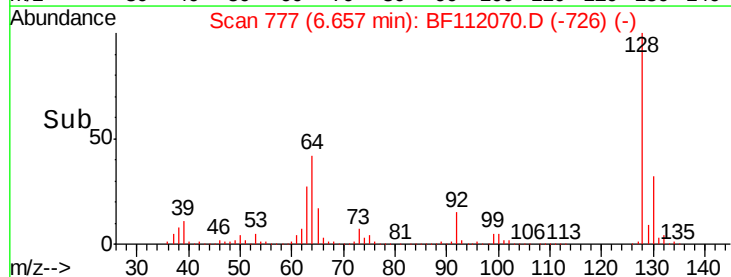
128 100

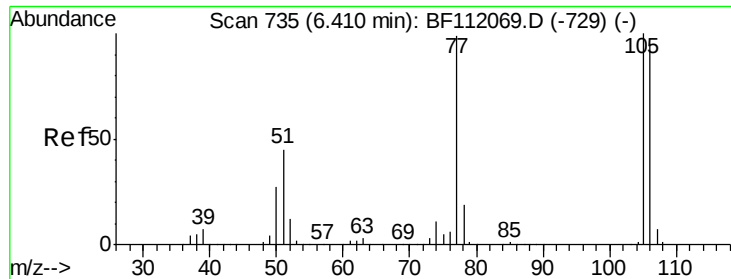
130 32.5 13.4 53.4

64 42.2 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





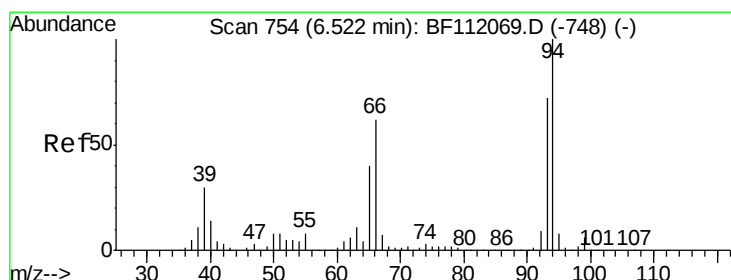
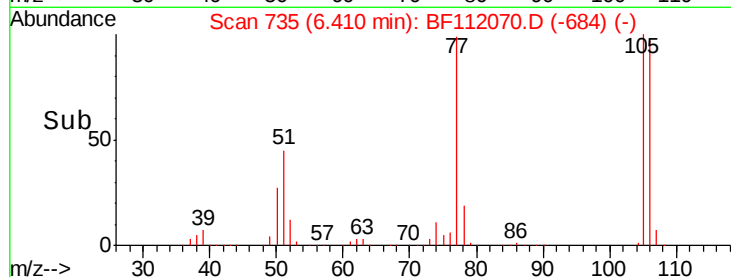
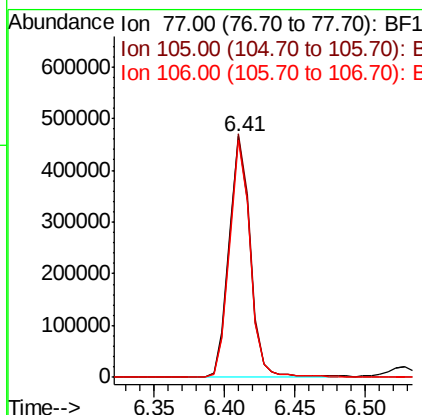
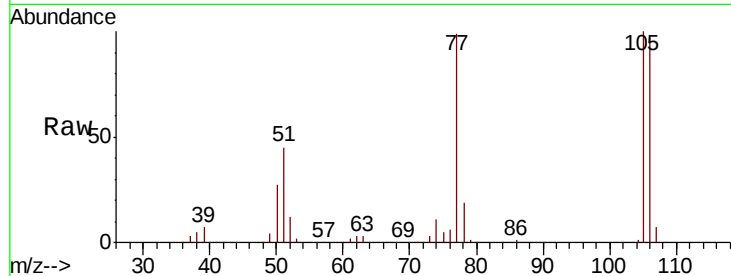
#9
Benzaldehyde
Concen: 34.973 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.0	80.8	120.8
106	98.4	75.7	115.7

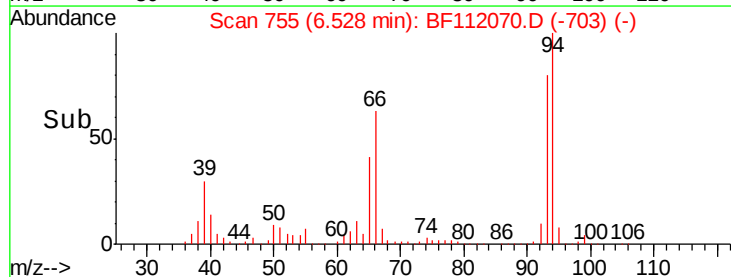
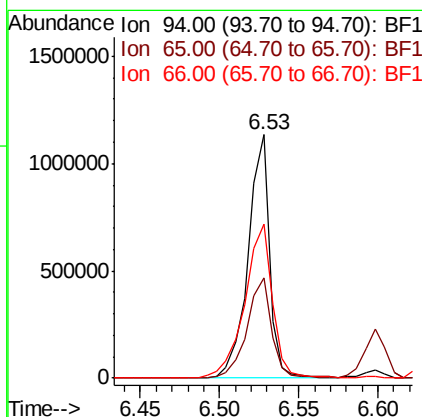
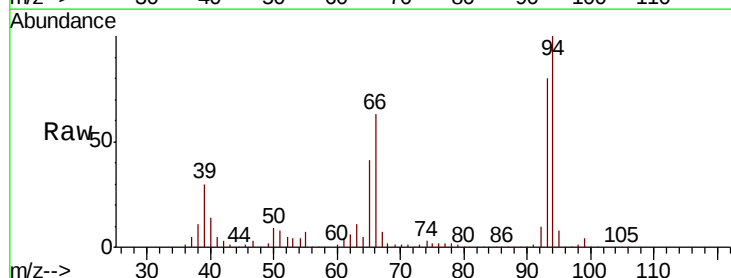
Manual Integrations
APPROVED

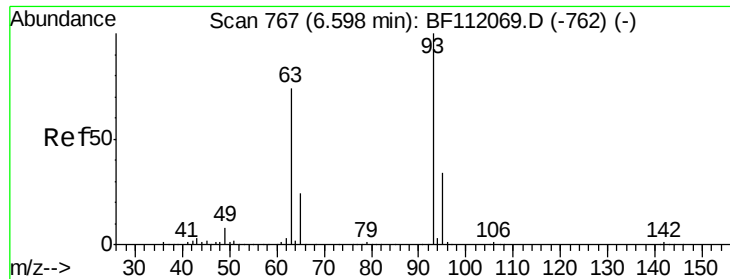
Sohil
1/17/2019 2:07:56 PM



#10
Phenol
Concen: 44.013 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.1	20.3	60.3
66	63.1	42.4	82.4





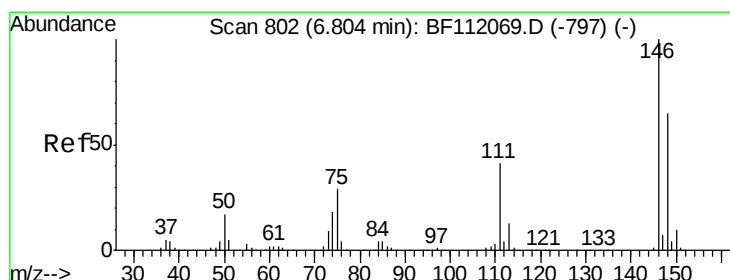
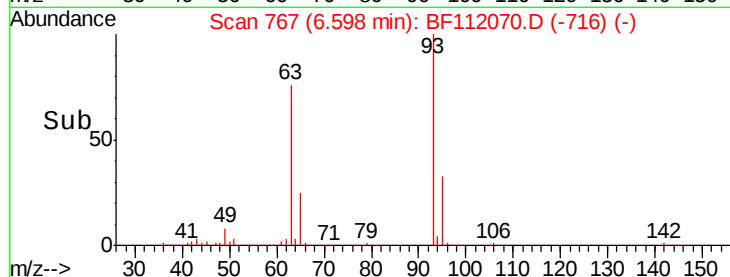
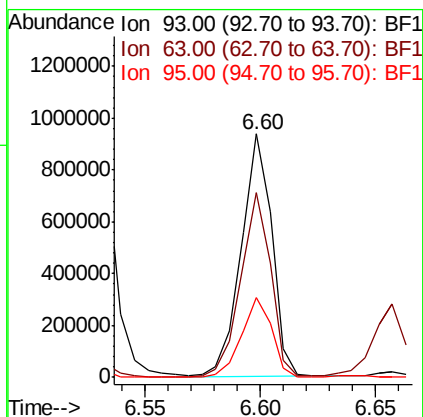
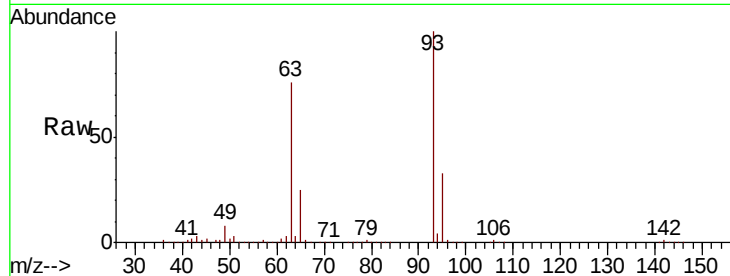
#11
bis(2-Chloroethyl)ether
Concen: 46.741 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	53.3	93.3
95	33.0	13.4	53.4

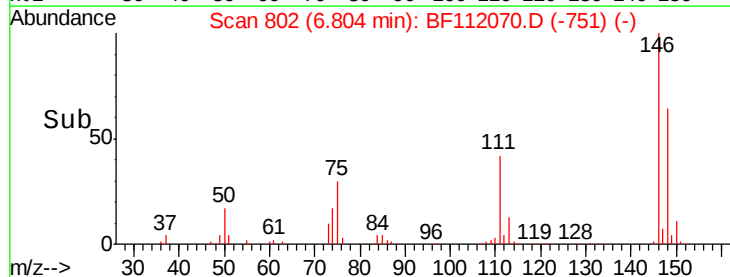
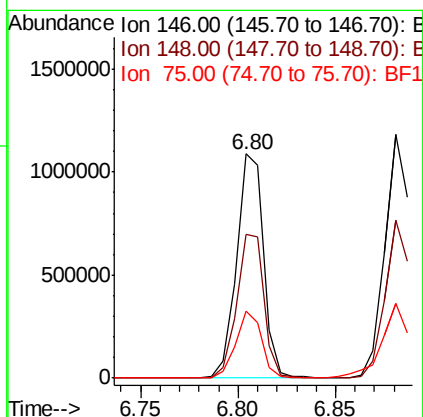
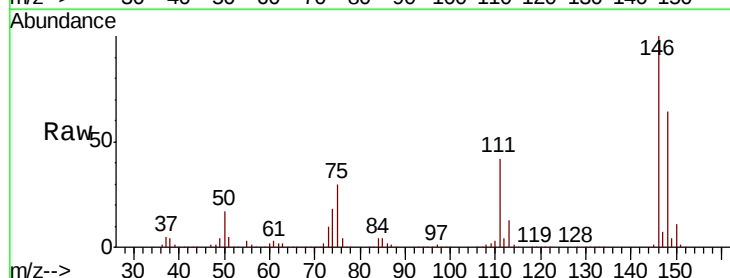
Manual Integrations
APPROVED

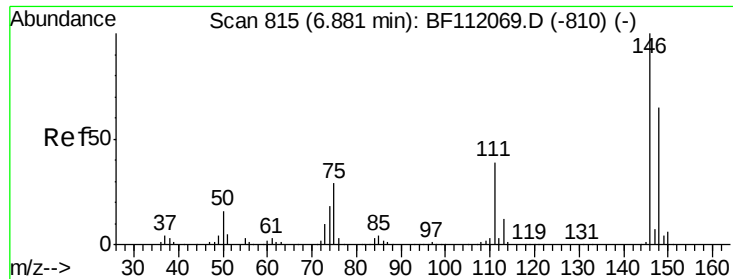
Sohil
1/17/2019 2:07:56 PM



#12
1,3-Dichlorobenzene
Concen: 46.805 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	29.8	23.1	34.7





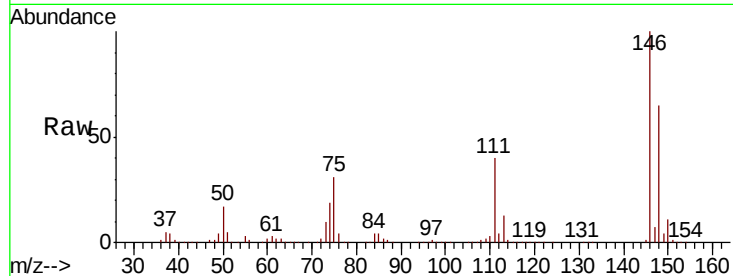
#13
1,4-Dichlorobenzene
Concen: 46.991 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

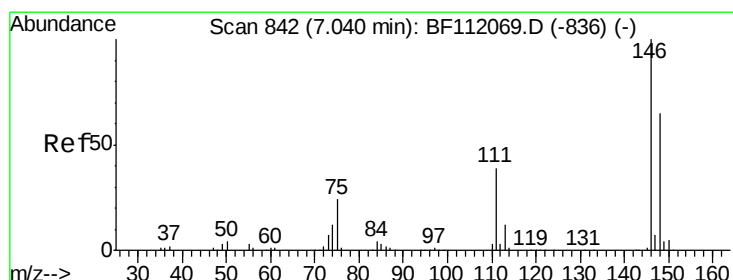
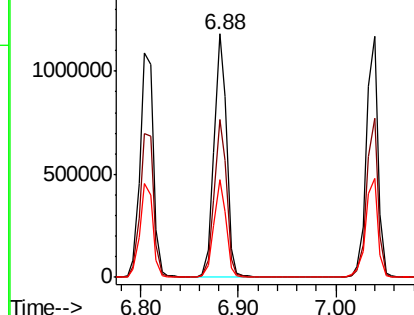
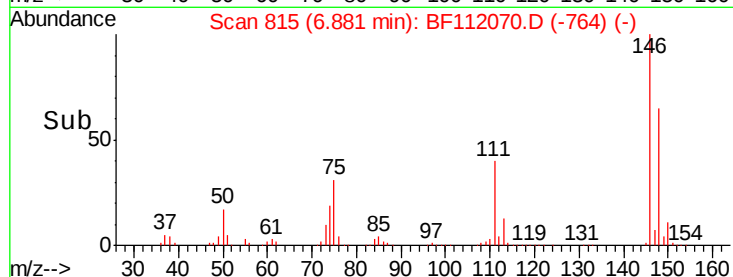
Tot Ion:146 Resp: 1059203
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
111 40.3 31.2 46.8

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

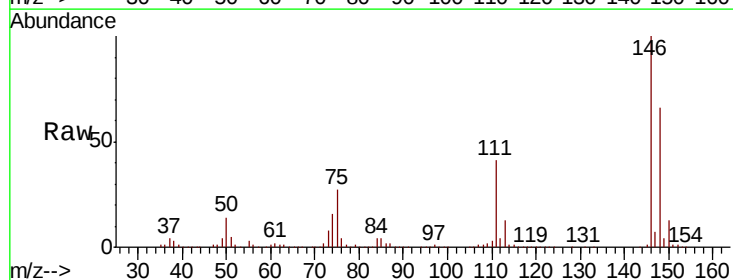


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

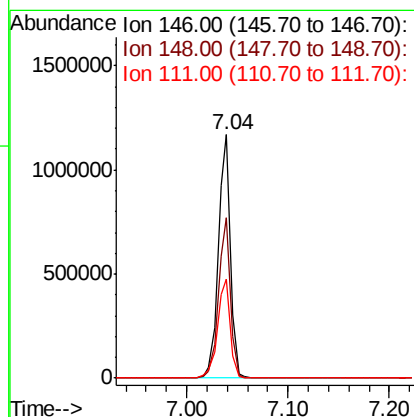
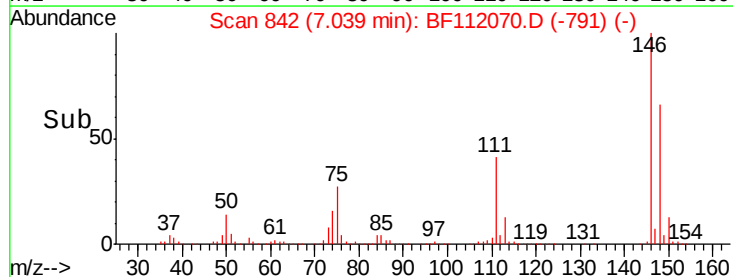


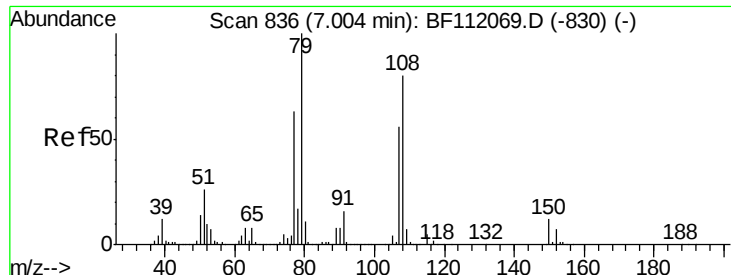
#14
1,2-Dichlorobenzene
Concen: 45.023 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:146 Resp: 970076
Ion Ratio Lower Upper
146 100
148 66.1 52.2 78.4
111 40.8 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





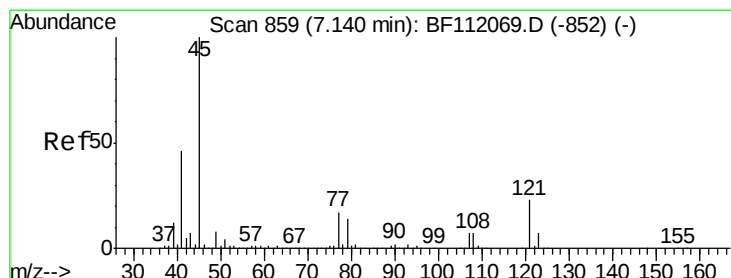
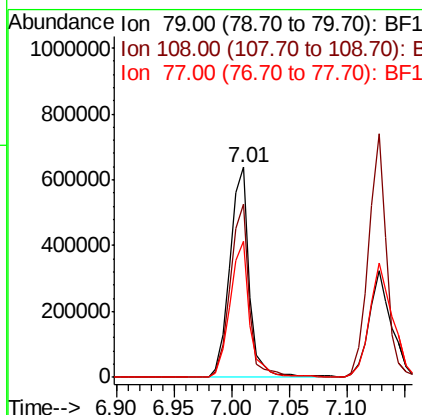
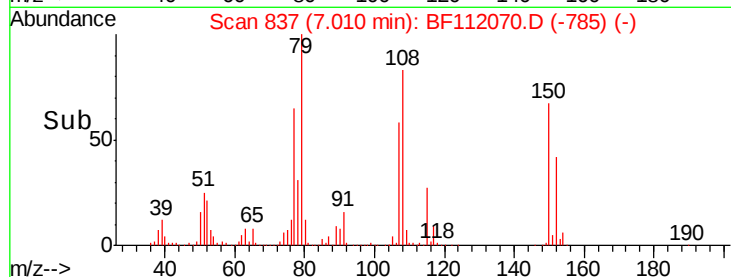
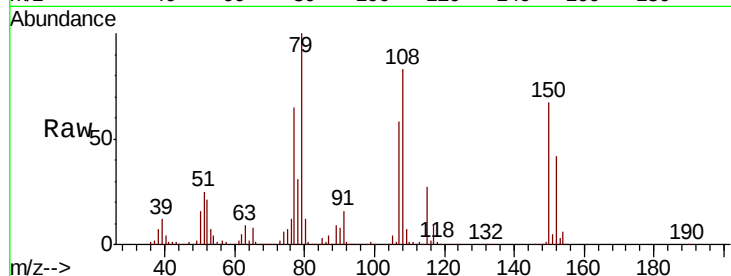
#15
Benzyl Alcohol
Concen: 42.226 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.6	64.2	96.2
77	65.1	50.3	75.5

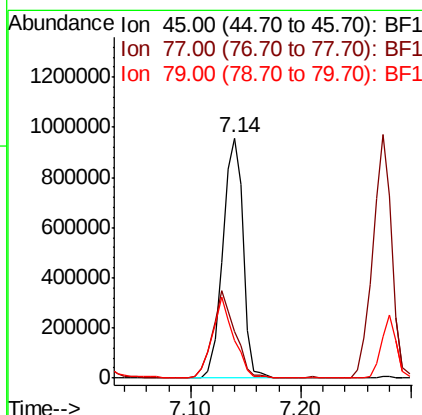
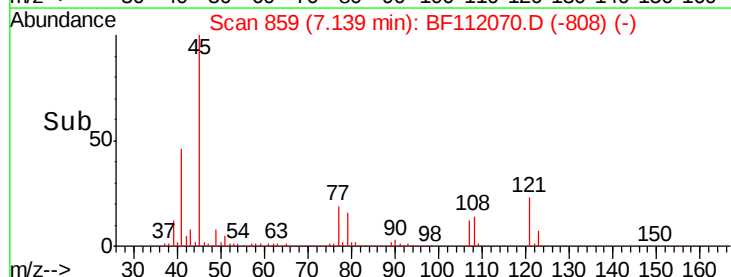
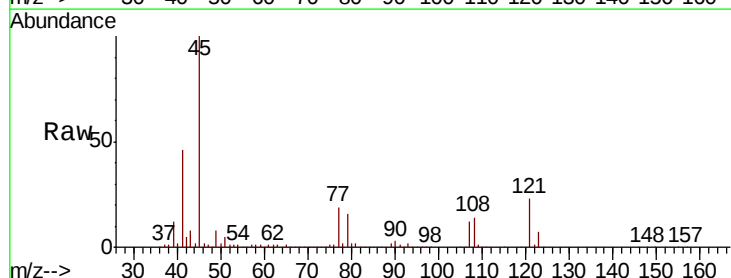
Manual Integrations
APPROVED

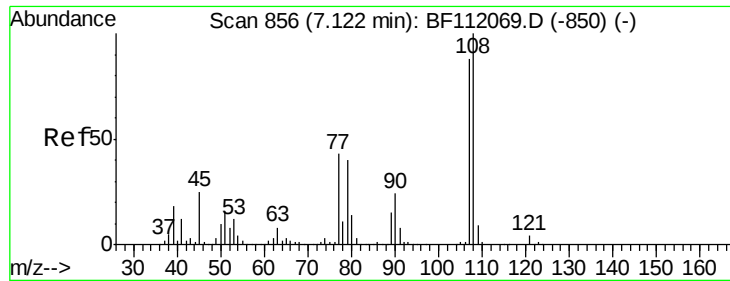
Sohil
1/17/2019 2:07:56 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.353 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.3	0.0	36.9
79	15.7	0.0	34.0





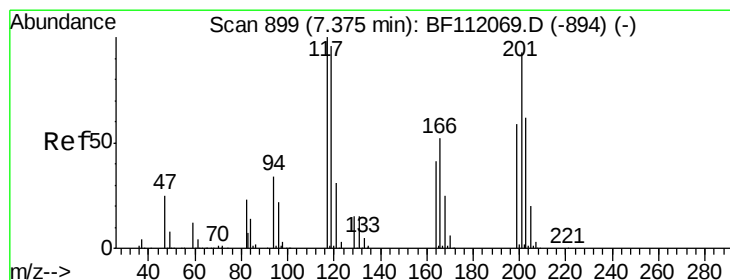
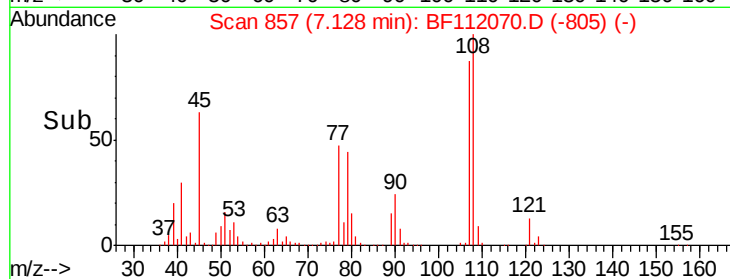
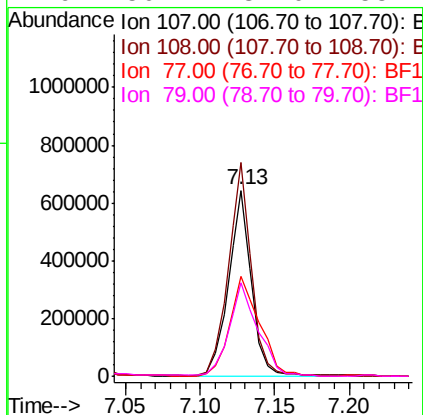
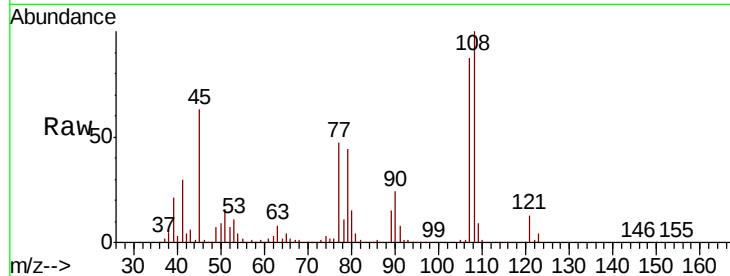
#17
2-Methylphenol
Concen: 44.825 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	690276		
108	114.7	91.3	136.9	
77	53.8	39.0	58.6	
79	50.4	37.0	55.4	

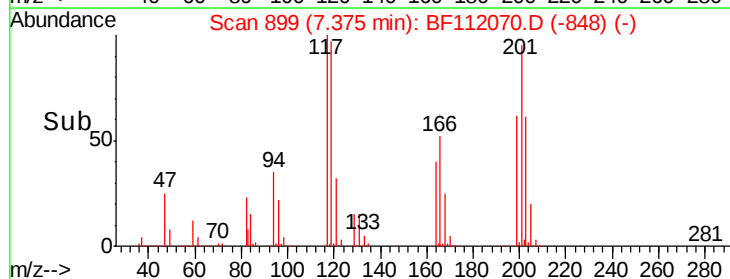
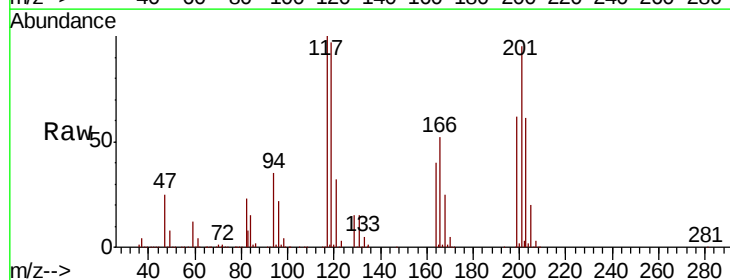
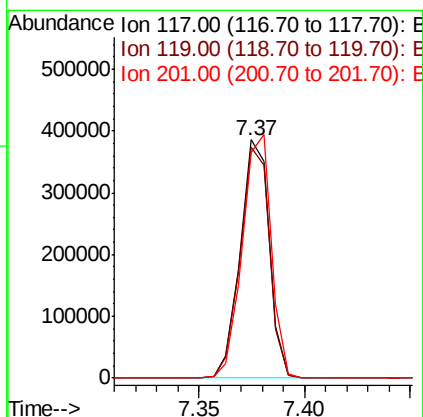
Manual Integrations
APPROVED

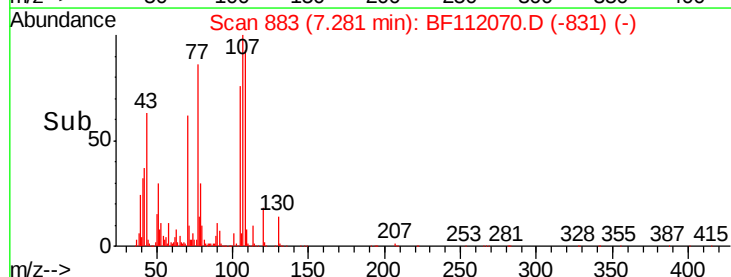
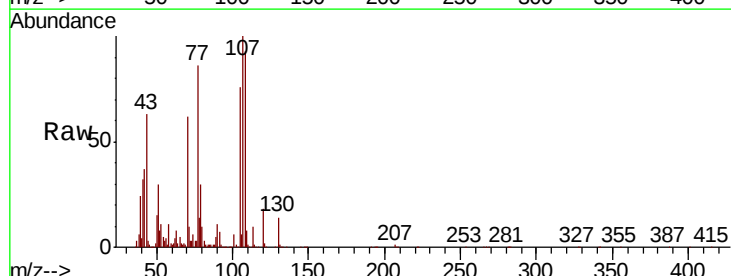
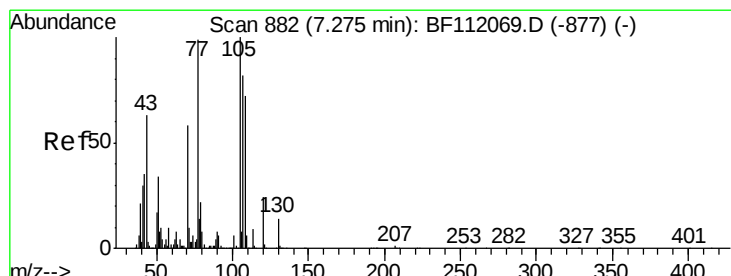
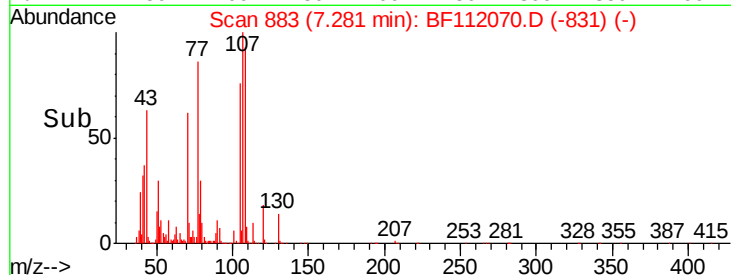
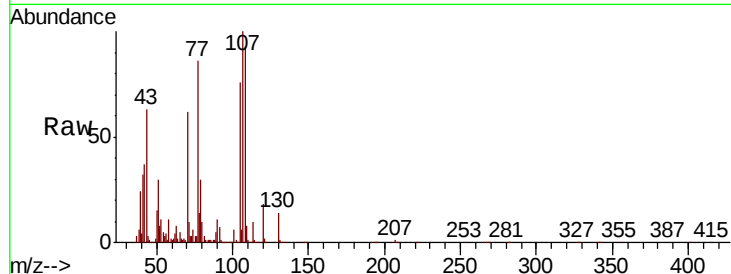
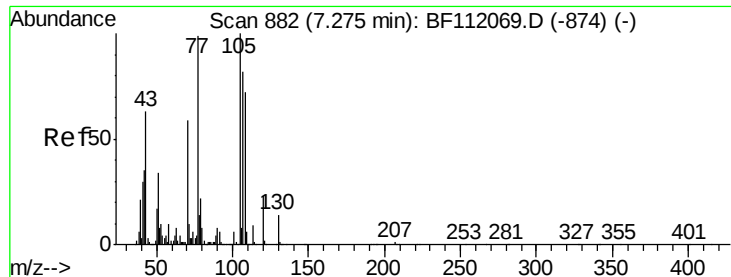
Sohil
1/17/2019 2:07:56 PM



#18
Hexachloroethane
Concen: 46.495 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

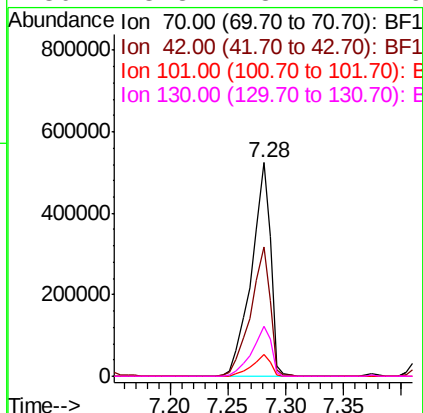
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	365916		
119	96.8	77.0	115.4	
201	94.6	74.1	111.1	





#19
n-Nitroso-di-n-propylamine
Concen: 41.810 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.6	71.4
101	10.2	7.9	11.9
130	23.3	18.4	27.6



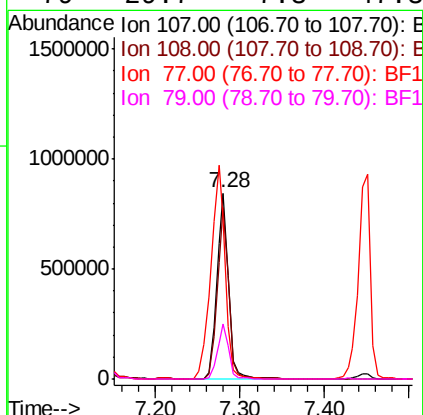
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

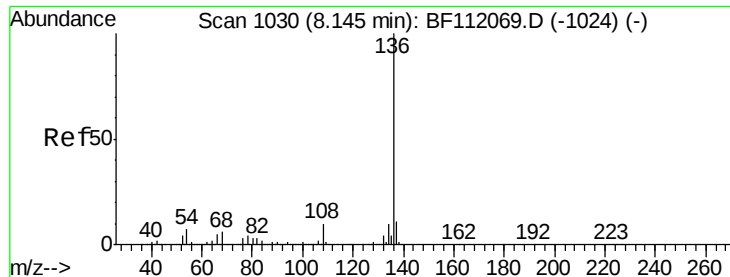
Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

#20
3+4-Methylphenols
Concen: 43.365 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.2	108.2
77	86.1	100.7	140.7#
79	29.7	7.3	47.3





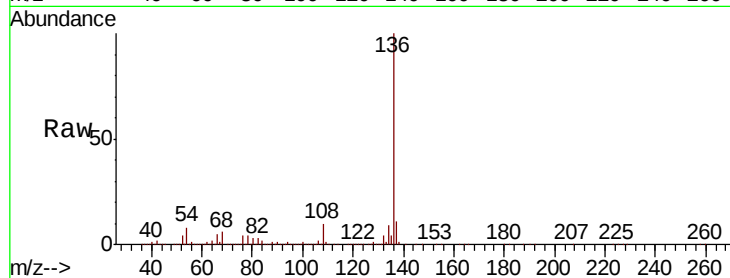
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	136	Resp	1098707
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.7	5.9	8.9
68	6.3	5.1	7.7

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM



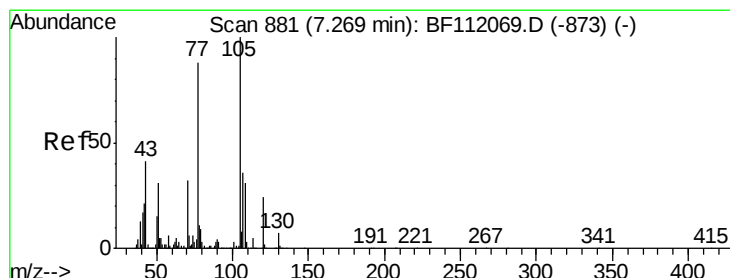
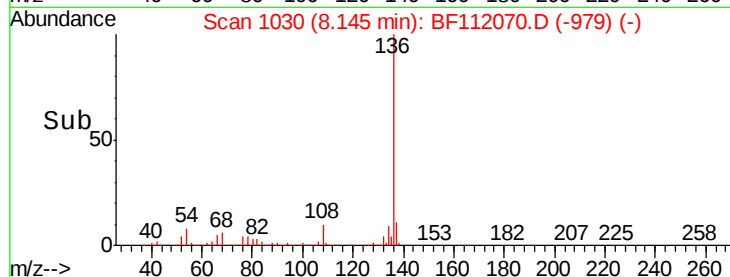
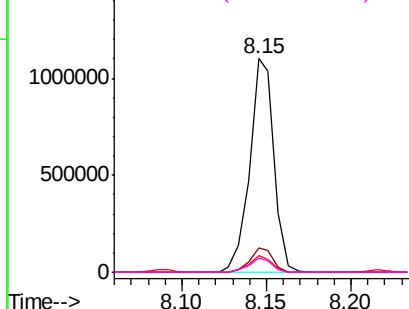
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 43.259 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	105	Resp	1203293
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.6	6.8
51	33.3	25.0	37.6
120	23.5	19.0	28.4

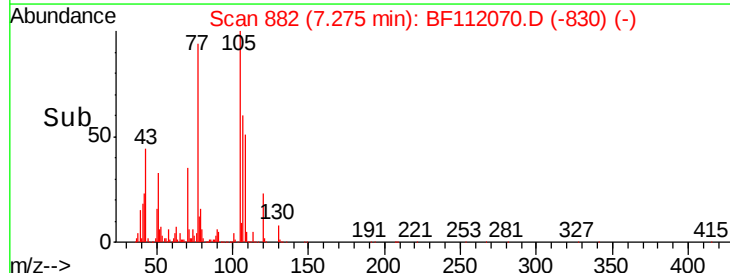
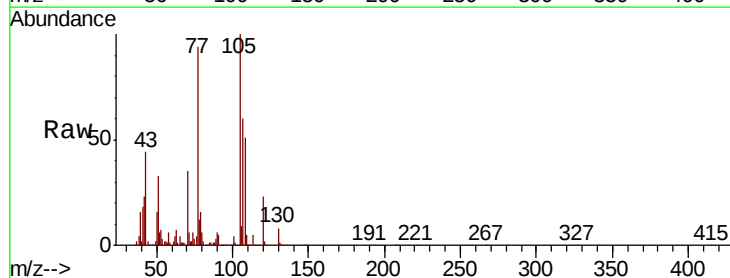
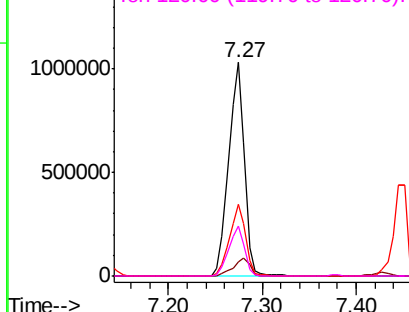
Abundance

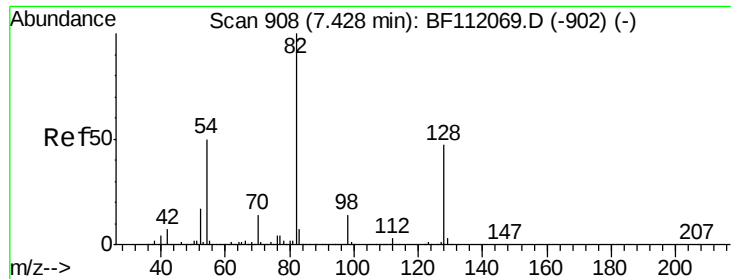
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





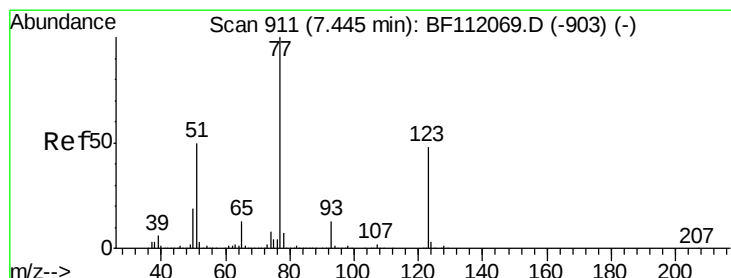
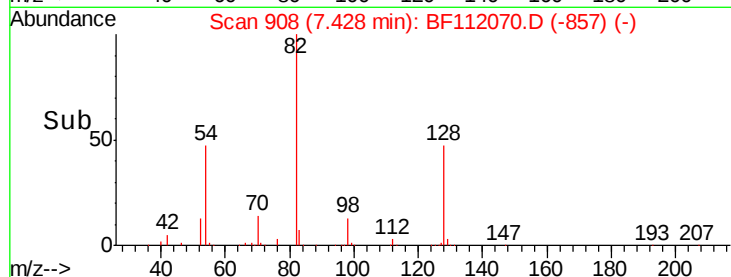
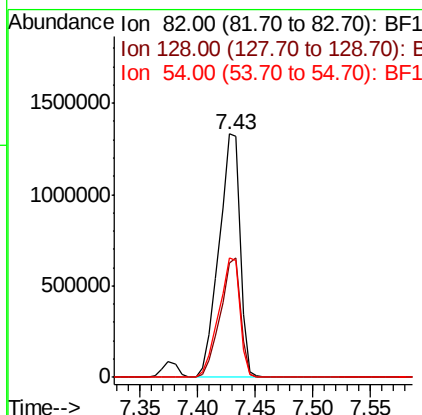
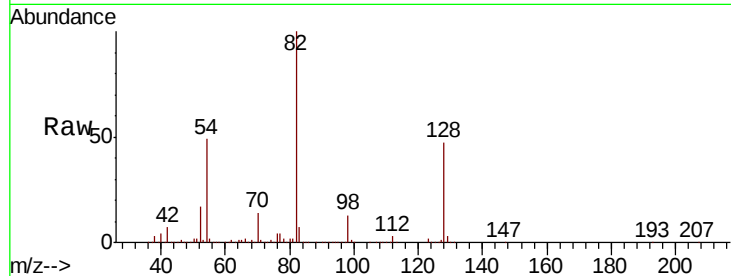
#23
Nitrobenzene-d5
Concen: 82.380 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.8	56.8
54	49.2	39.7	59.5

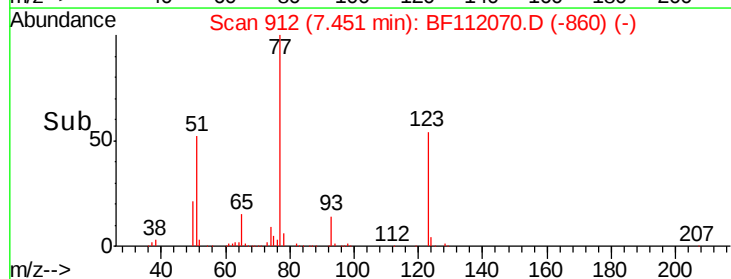
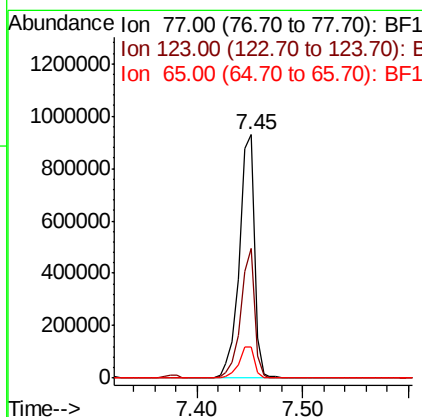
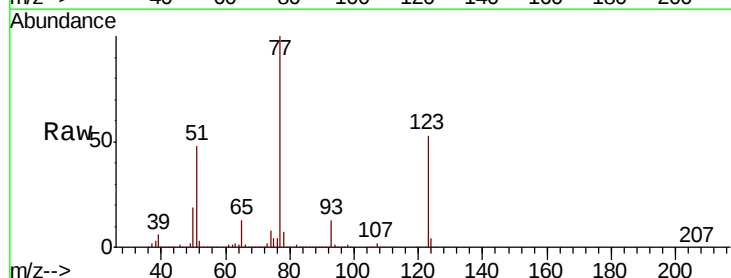
Manual Integrations
APPROVED

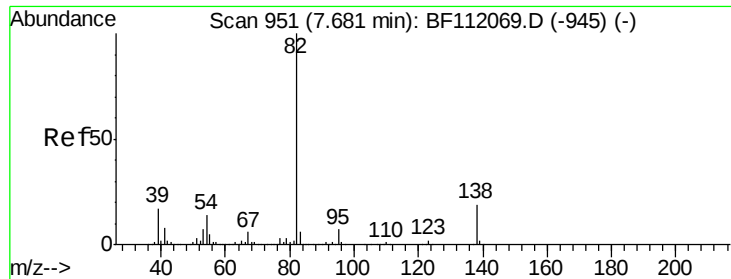
Sohil
1/17/2019 2:07:56 PM



#24
Nitrobenzene
Concen: 43.590 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.1	38.4	57.6
65	13.0	10.6	15.8





#25

Isophorone

Concen: 45.047 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1499586

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

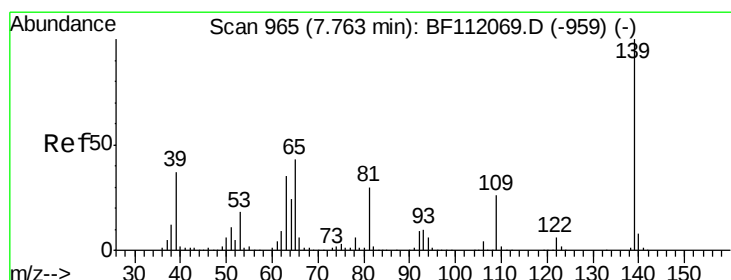
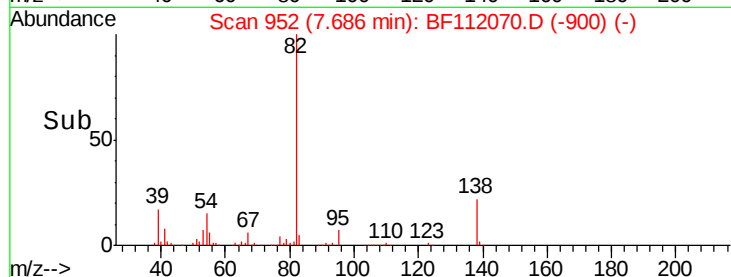
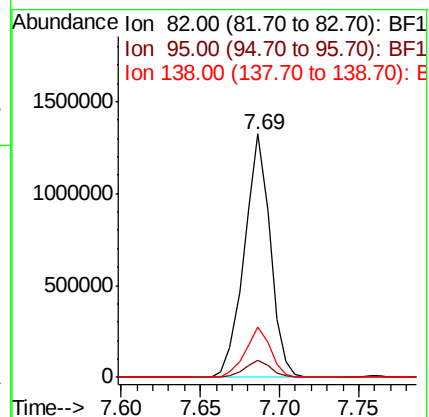
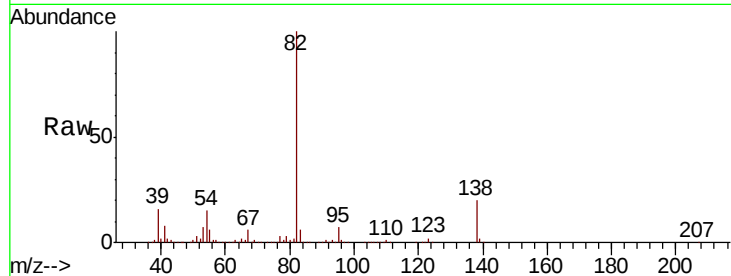
138 20.4 15.4 23.0

Manual Integrations

APPROVED

Sohil

1/17/2019 2:07:56 PM



#26

2-Nitrophenol

Concen: 42.238 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

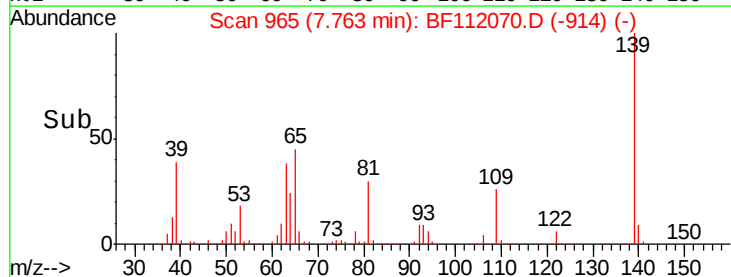
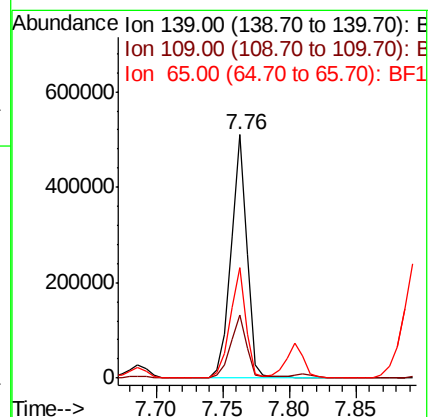
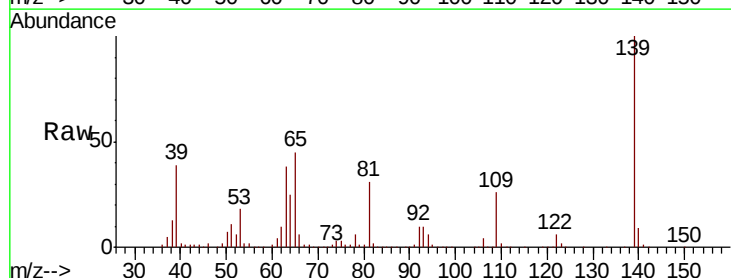
Tgt Ion: 139 Resp: 432491

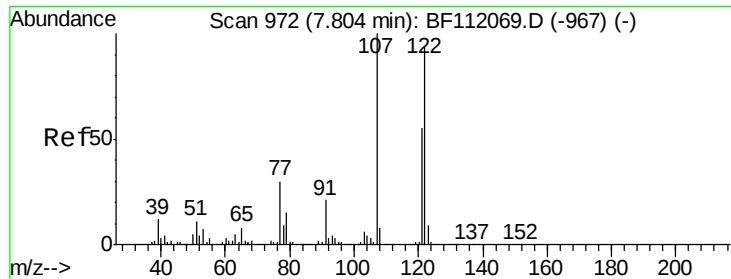
Ion Ratio Lower Upper

139 100

109 26.0 20.8 31.2

65 45.5 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 47.670 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

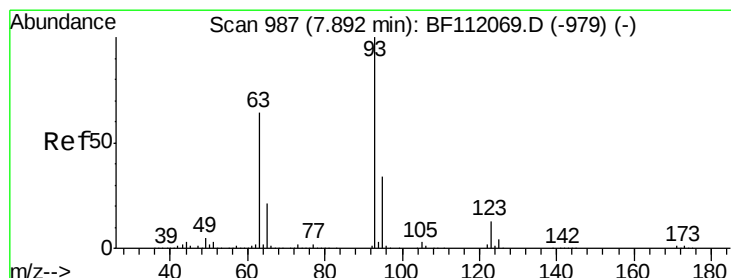
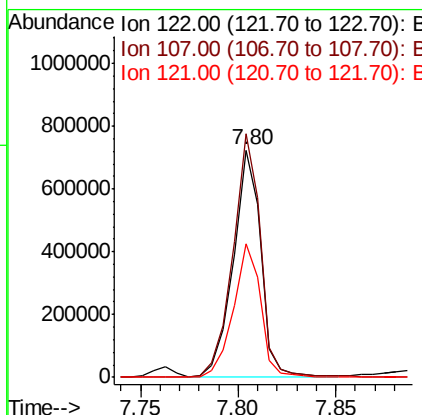
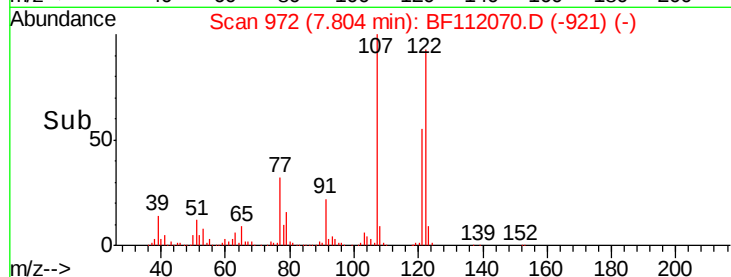
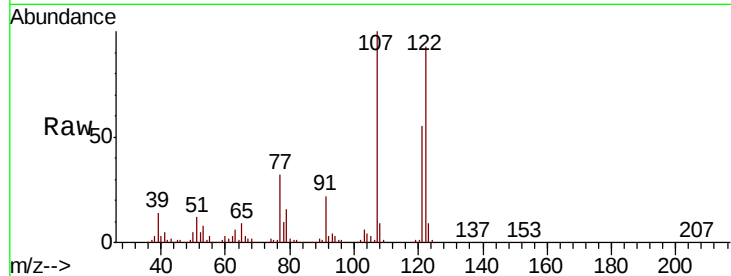
ClientSampled :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.2	85.4	128.0
121	58.6	47.0	70.4

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM



#28

bis(2-Chloroethoxy)methane

Concen: 46.365 ng

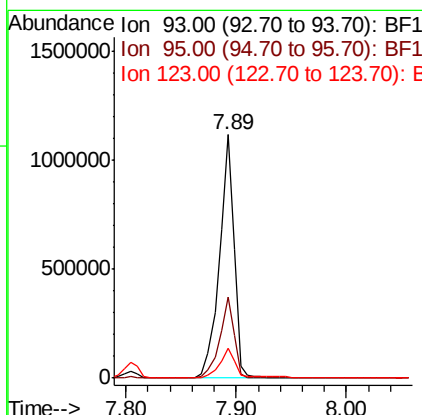
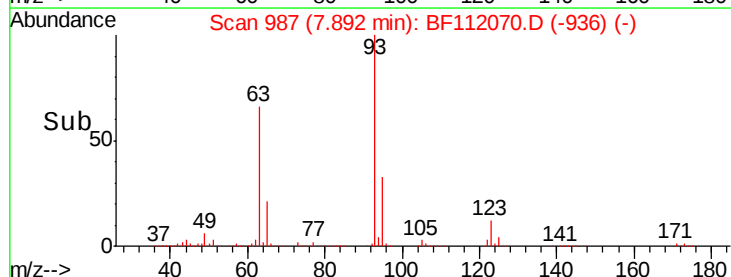
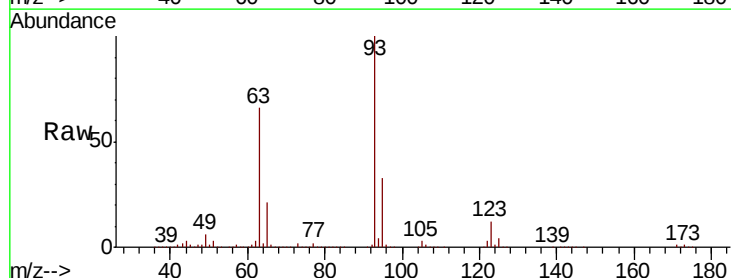
RT: 7.89 min Scan# 987

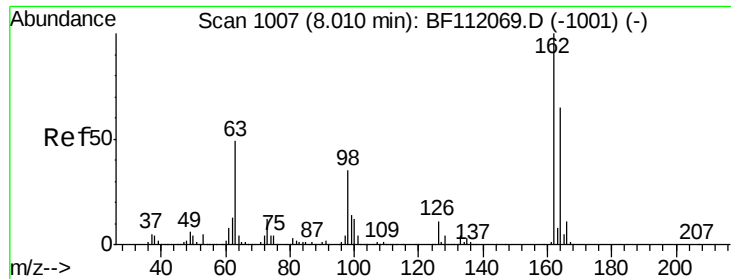
Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	12.4	10.2	15.2





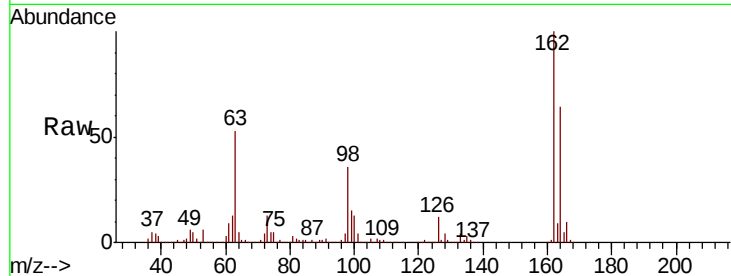
#29
2,4-Dichlorophenol
Concen: 46.152 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	785696		
164	63.7		44.6	84.6
98	35.6		14.6	54.6

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

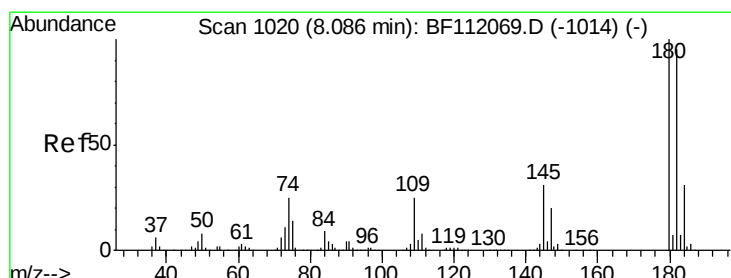
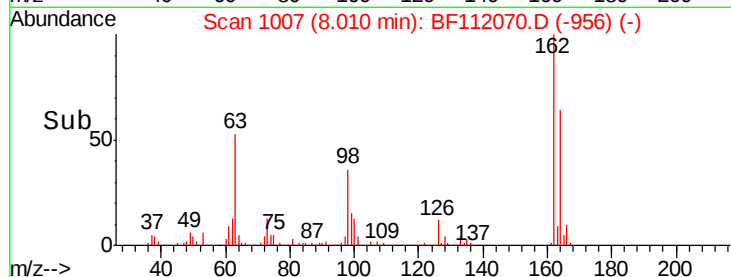
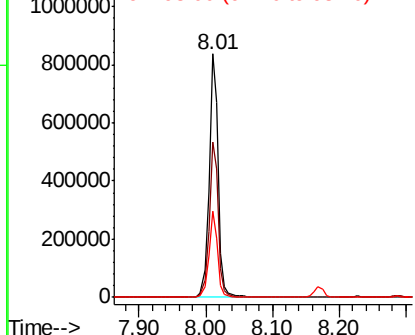


Abundance

Ion 162.00 (161.70 to 162.70): E

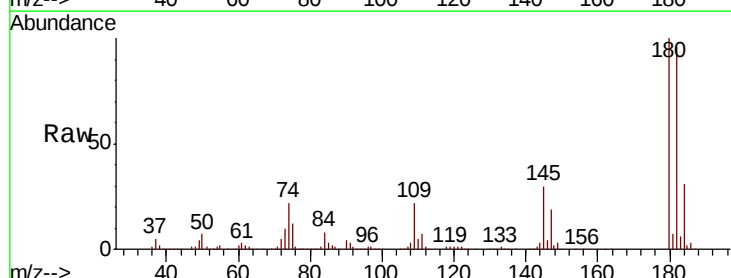
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 47.261 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	887594		
182	95.8		76.4	114.6
145	29.8		25.0	37.4

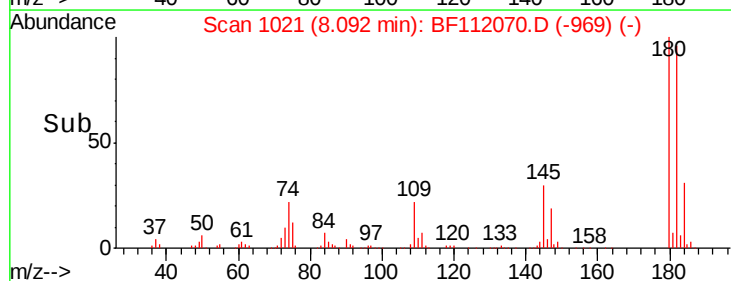
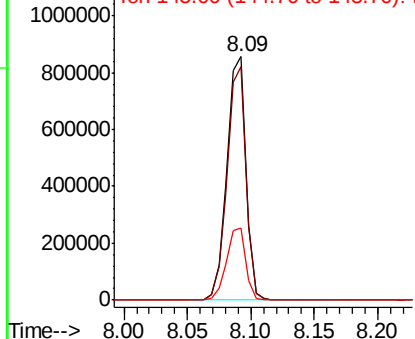


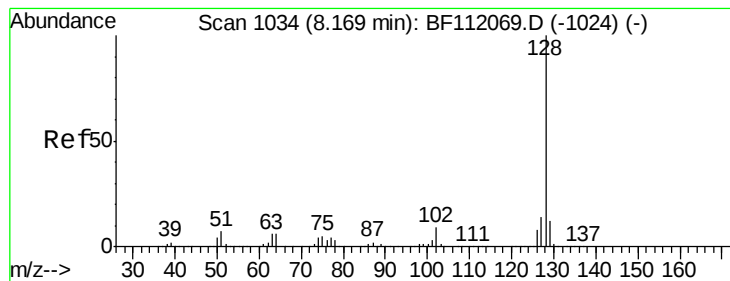
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.760 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 2386687

Ion Ratio Lower Upper

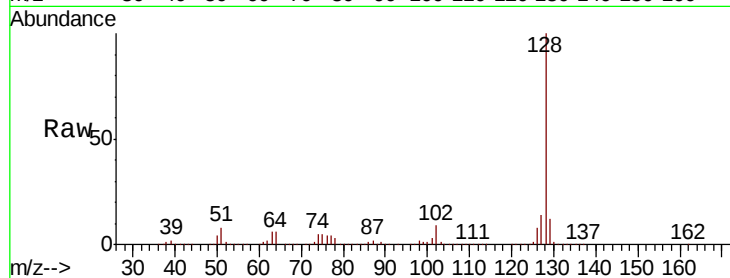
128 100

129 12.4 9.6 14.4

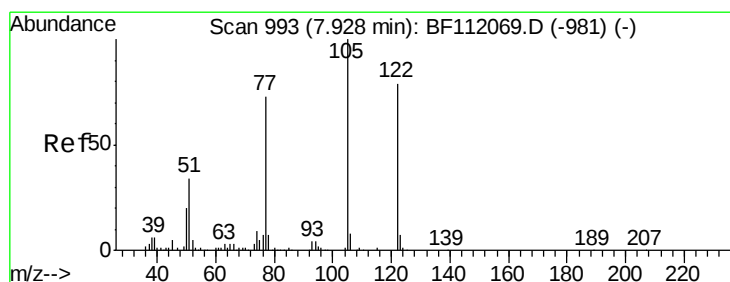
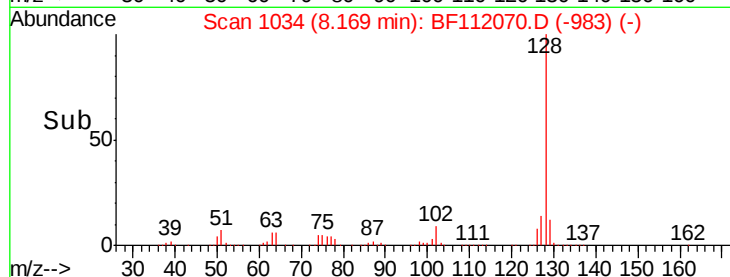
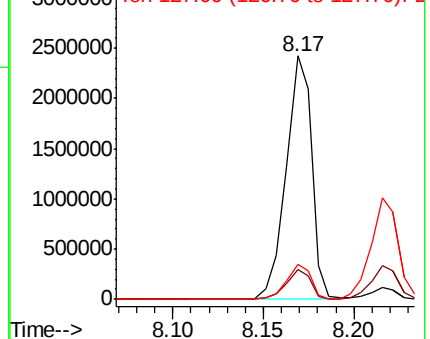
127 14.2 11.1 16.7

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.243 ng m

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

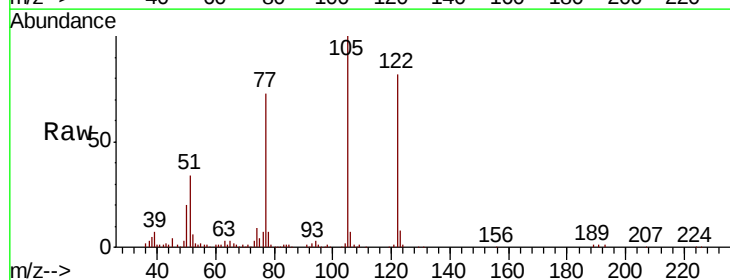
Tgt Ion:122 Resp: 348208

Ion Ratio Lower Upper

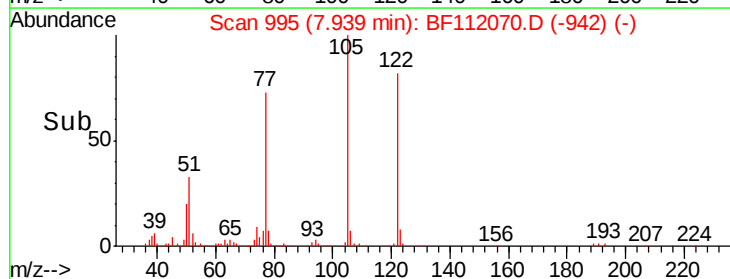
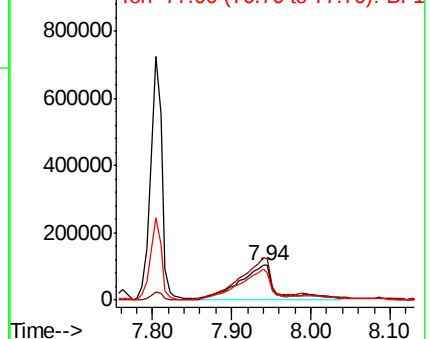
122 100

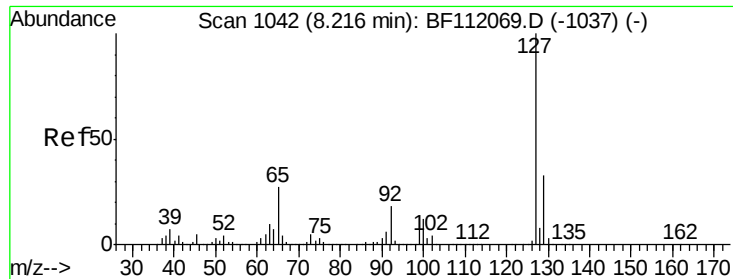
105 122.0 101.2 141.2

77 89.3 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





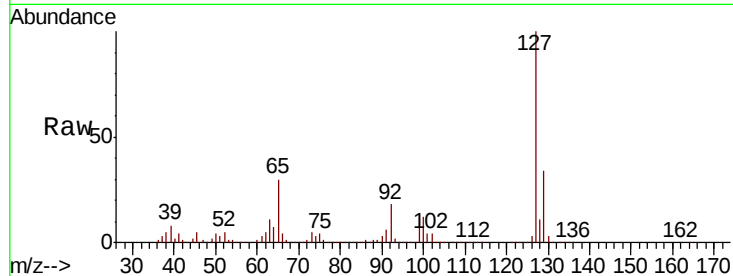
#33
4-Chloroaniline
Concen: 47.563 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.6	39.8		
65	29.6	21.4	32.2		
92	18.3	14.2	21.2		

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM



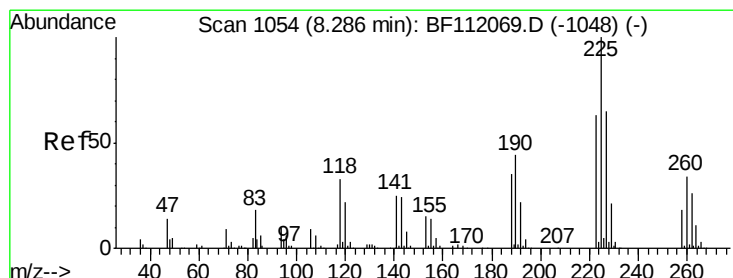
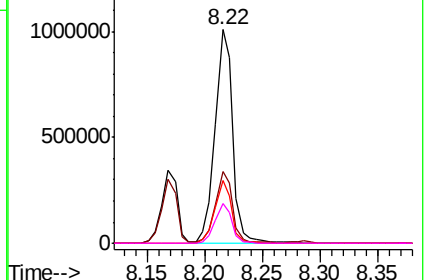
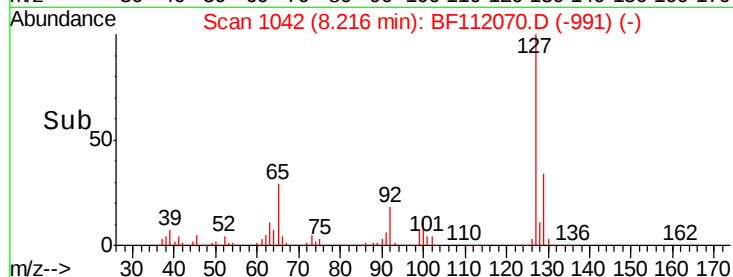
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

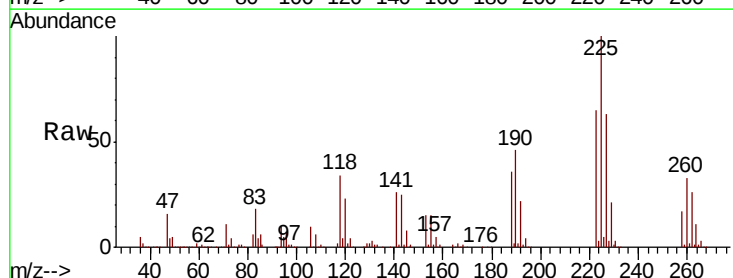
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.217 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.9	50.3	75.5		
227	63.3	51.8	77.8		

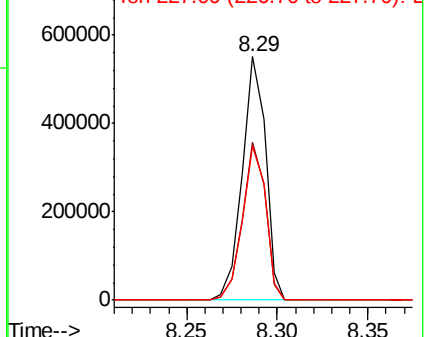
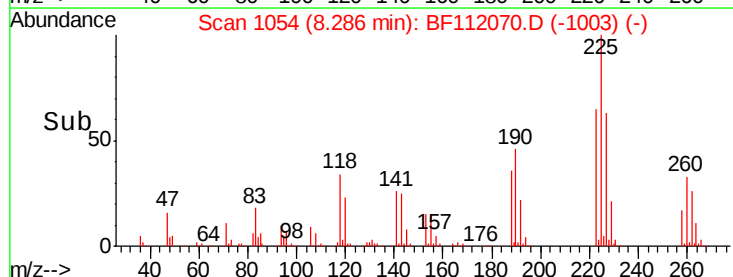


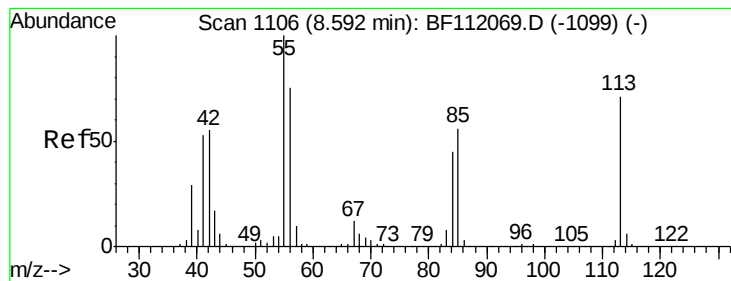
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.337 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:113 Resp: 268858

Ion Ratio Lower Upper

113 100

55 155.3 121.6 161.6

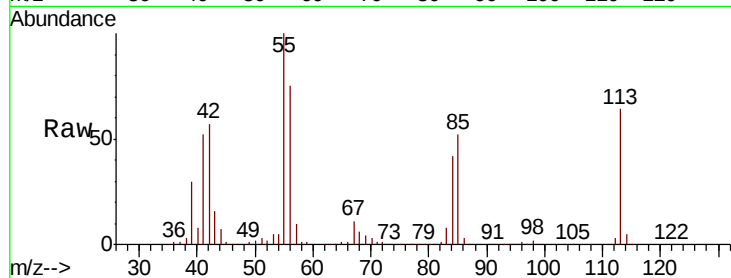
56 116.4 86.7 126.7

Manual Integrations

APPROVED

Sohil

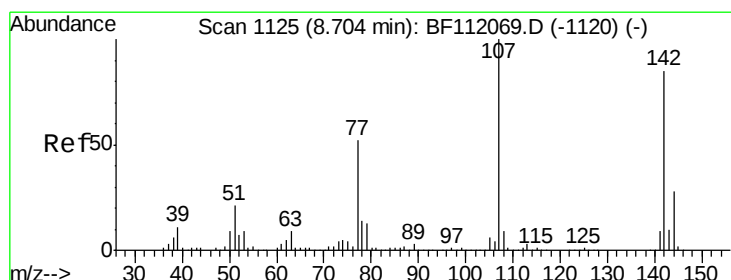
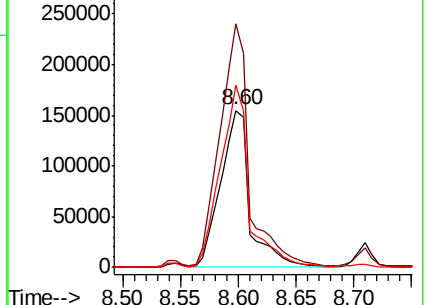
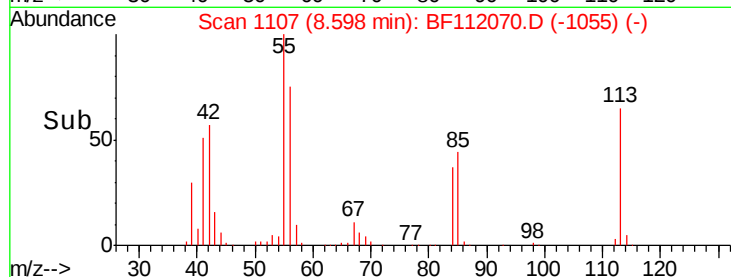
1/17/2019 2:07:56 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.208 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

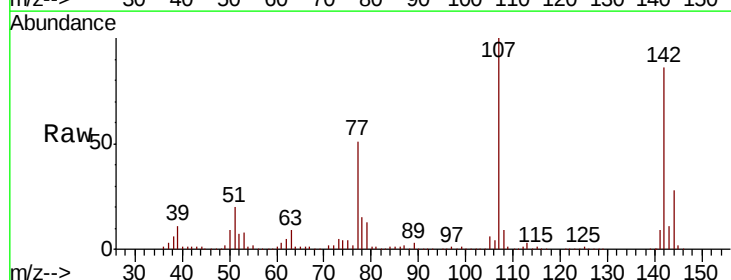
Tgt Ion:107 Resp: 748294

Ion Ratio Lower Upper

107 100

144 28.2 22.2 33.2

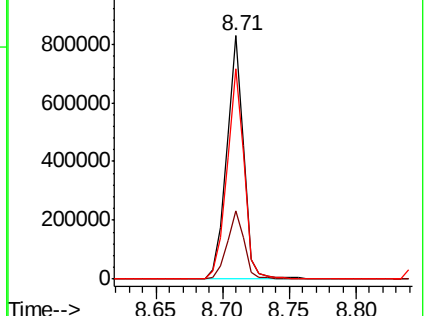
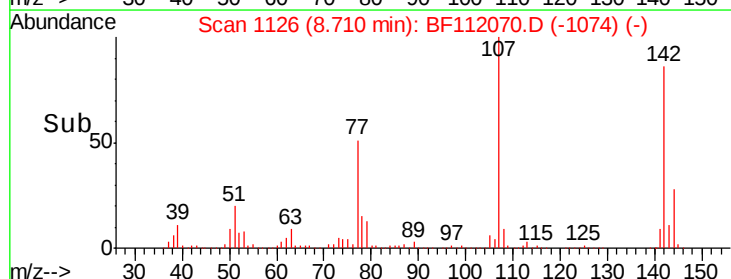
142 86.4 67.7 101.5

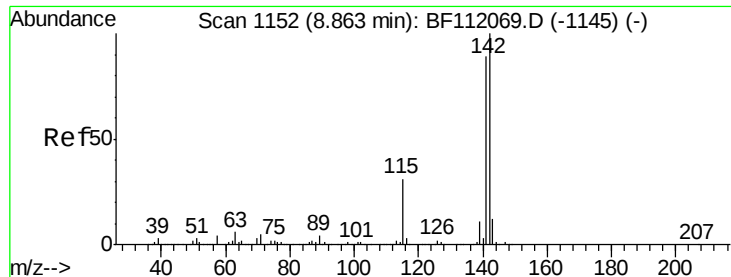


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





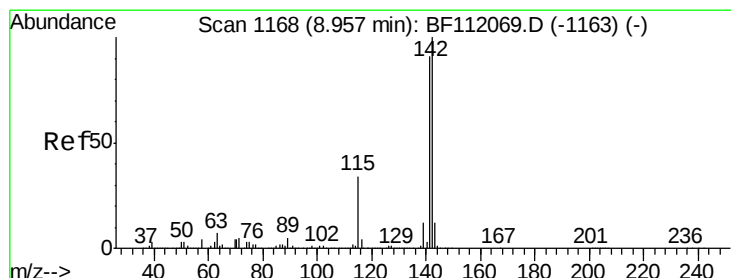
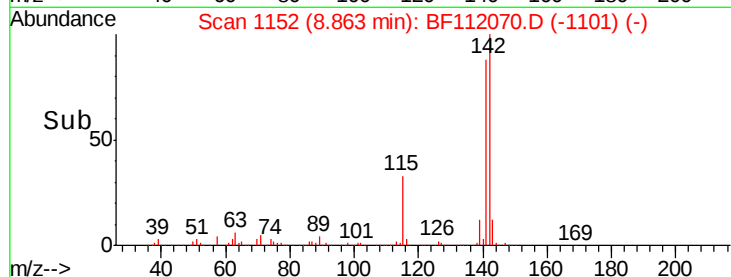
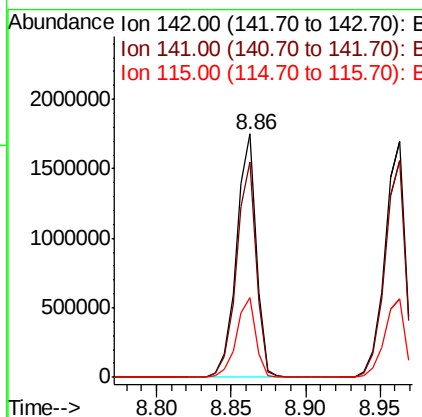
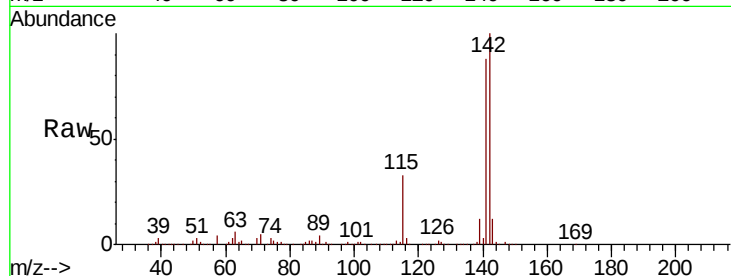
#37
2-Methylnaphthalene
Concen: 50.422 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3
115	32.8	24.9	37.3

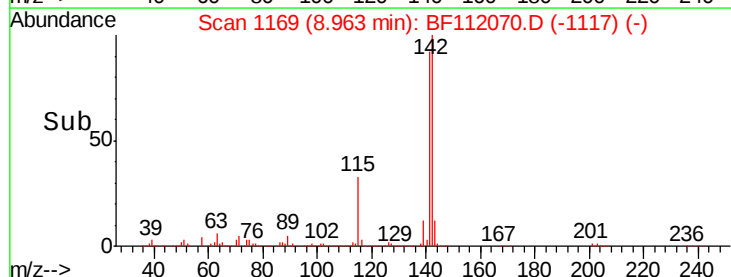
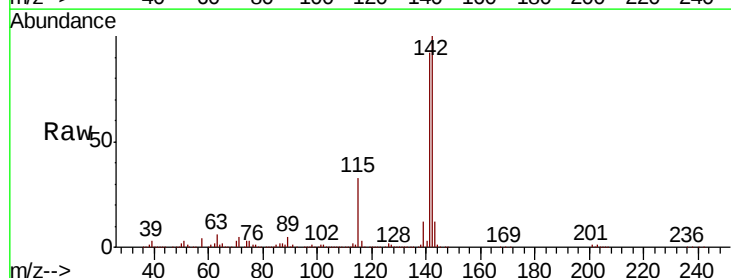
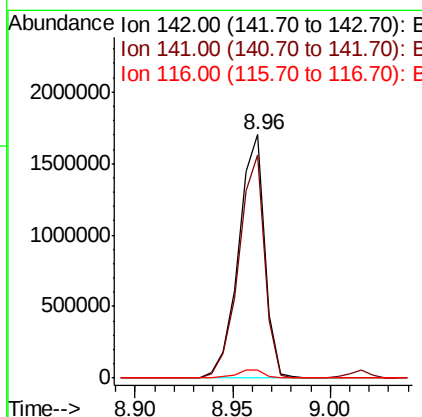
Manual Integrations
APPROVED

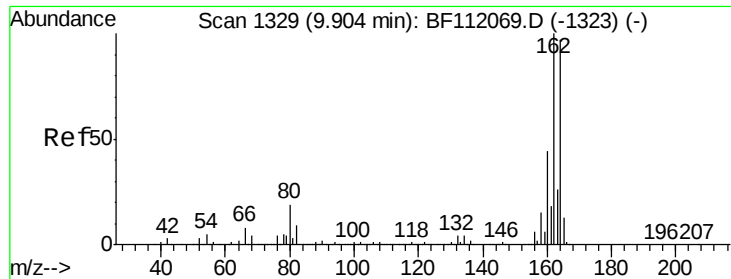
Sohil
1/17/2019 2:07:56 PM



#38
1-Methylnaphthalene
Concen: 50.606 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.6	108.8
116	3.4	2.8	4.2





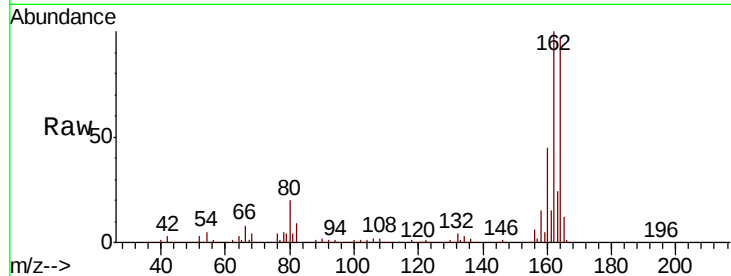
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	82.2	123.4	
160	46.8	36.2	54.4	

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

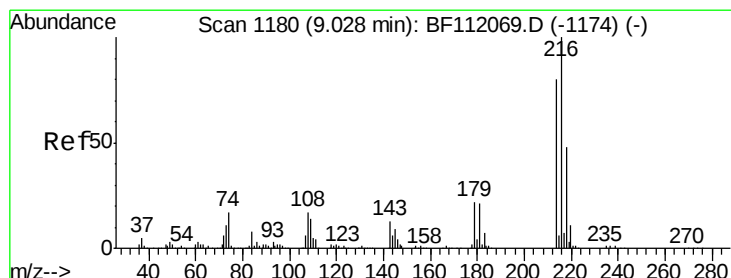
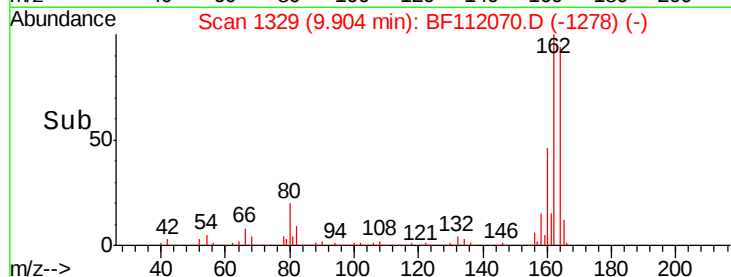
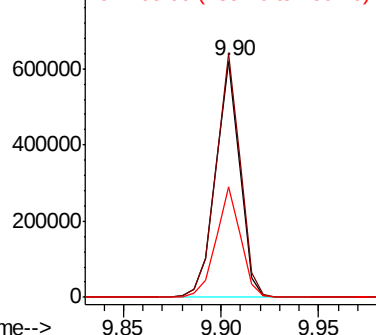


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.065 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.8	95.6	
179	21.2	16.9	25.3	
108	17.6	14.2	21.4	

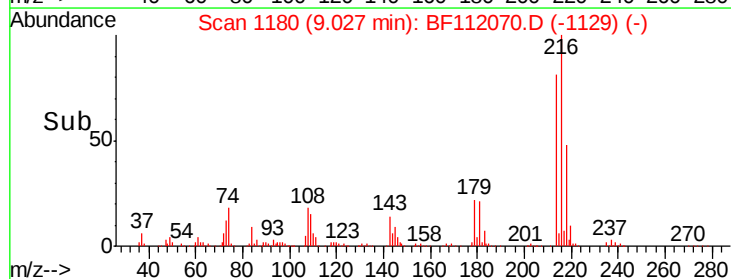
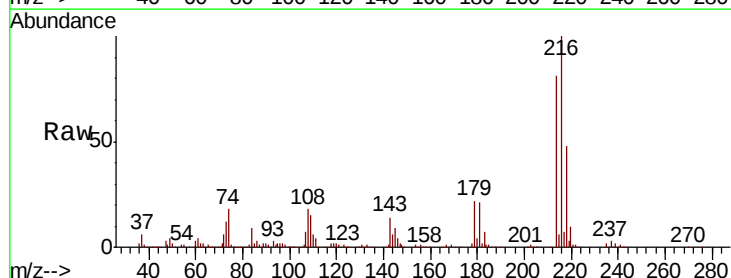
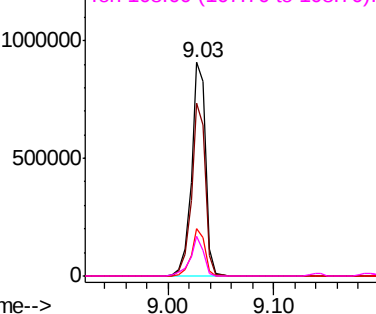
Abundance

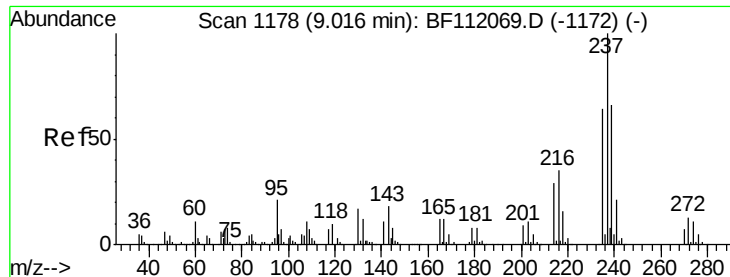
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.977 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

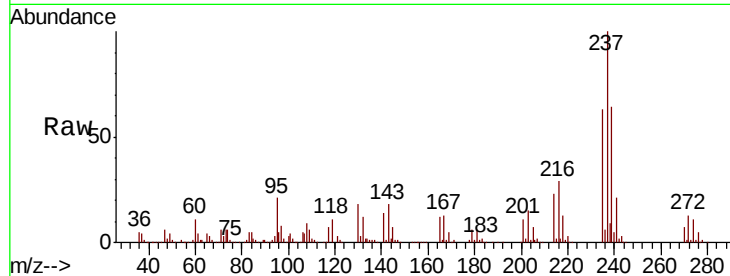
ClientSampleId :

SSTDIC050

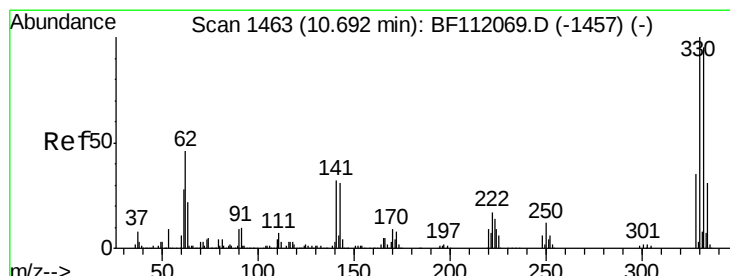
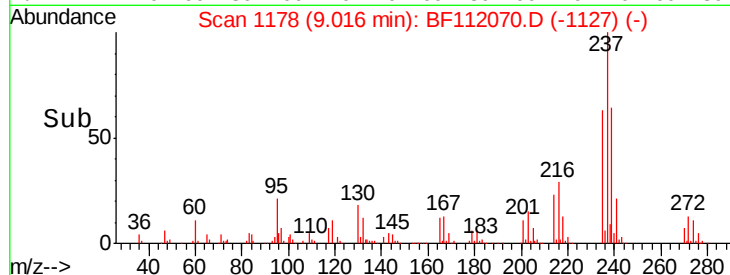
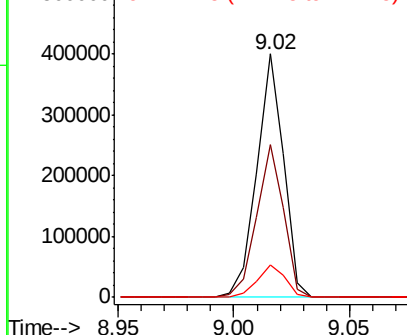
Tot Ion:	237	Resp:	324628
Ion Ratio	Lower	Upper	
237	100		
235	62.7	44.0	84.0
272	13.5	0.0	33.3

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.091 ng

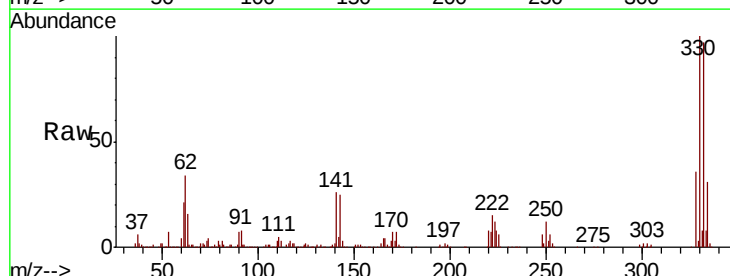
RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

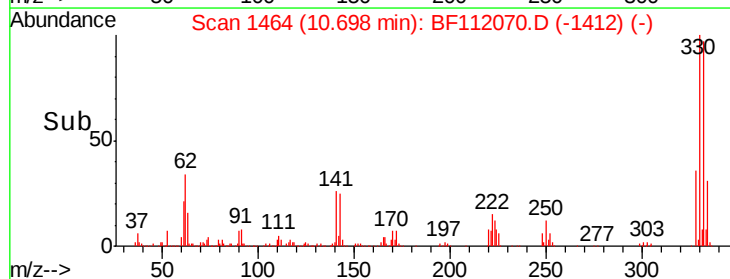
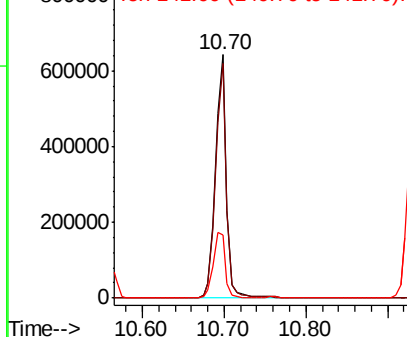
Lab File: BF112070.D

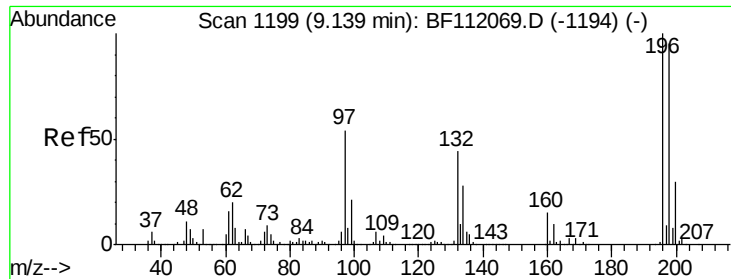
Acq: 16 Jan 2019 16:41

Tgt Ion:	330	Resp:	604951
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.6	114.8
141	29.6	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





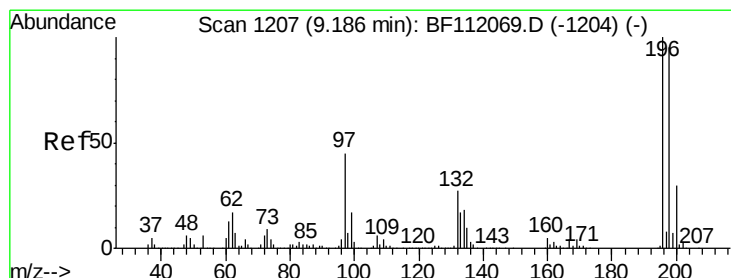
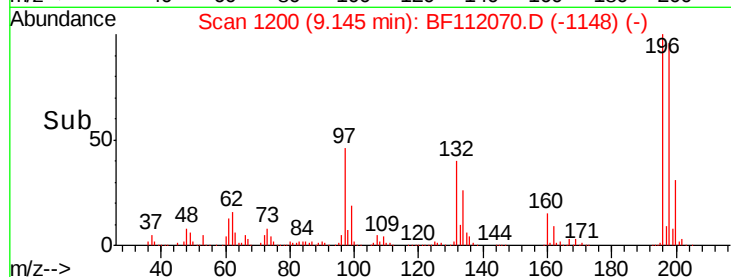
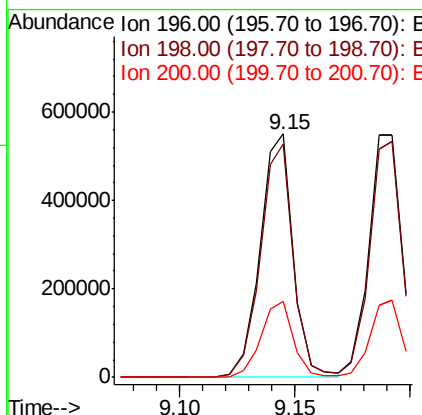
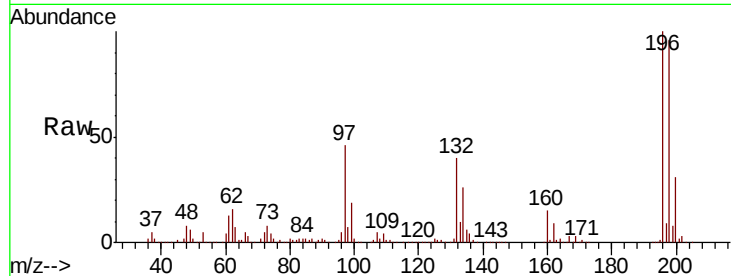
#43
 2,4,6-Trichlorophenol
 Concen: 47.439 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	547812		
198	95.8	76.2	114.4	
200	31.4	24.3	36.5	

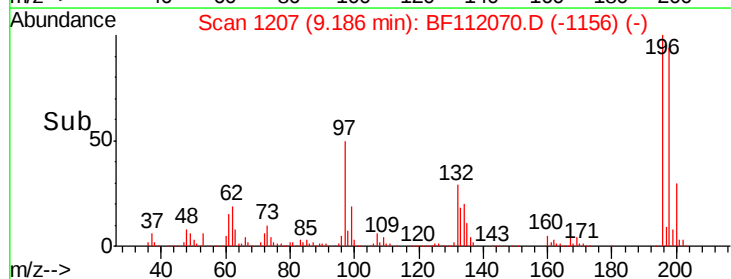
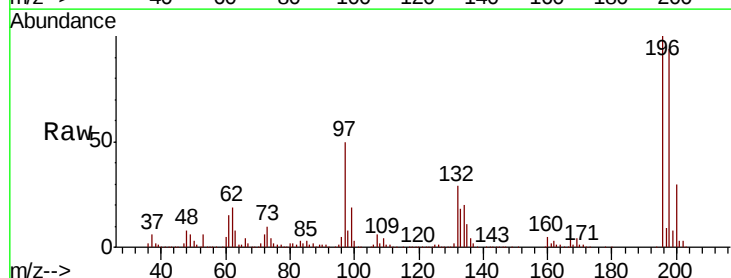
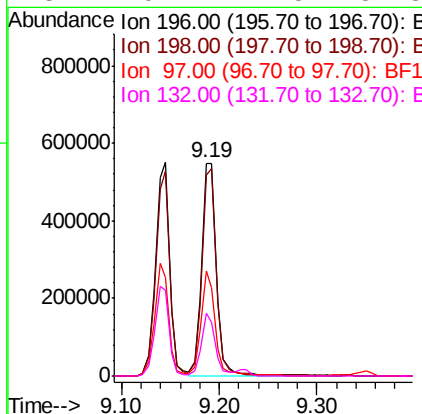
Manual Integrations
 APPROVED

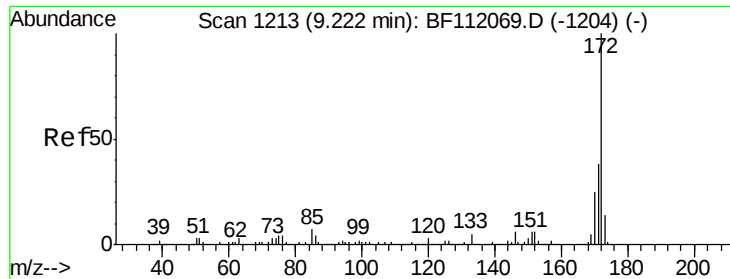
Sohil
 1/17/2019 2:07:56 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.246 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	571622		
198	94.4	76.0	114.0	
97	49.6	36.4	54.6	
132	29.2	21.5	32.3	





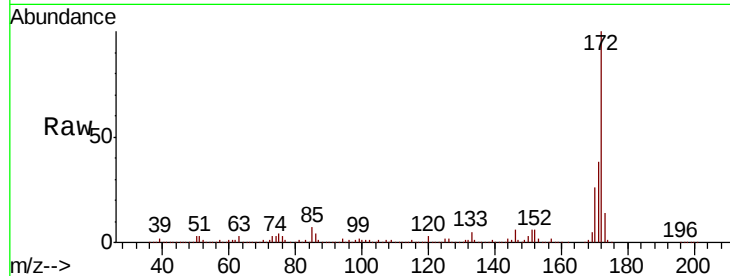
#45
2-Fluorobiphenyl
Concen: 88.842 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	25.7	20.2	30.4

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

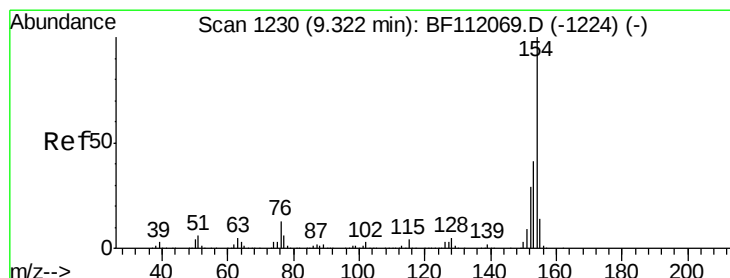
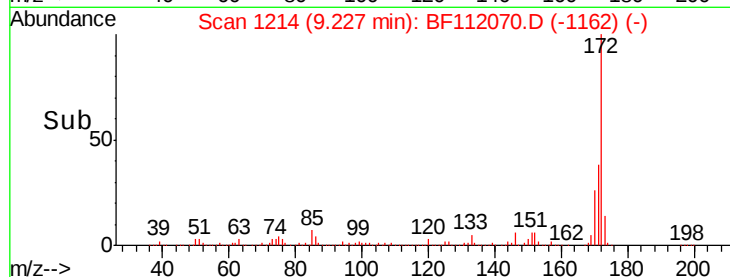
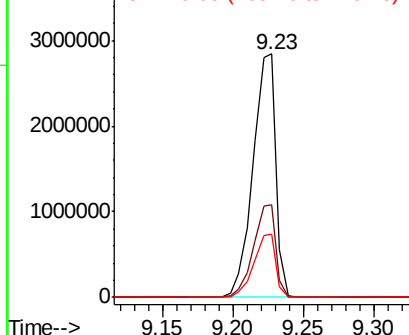


Abundance

Ion 172.00 (171.70 to 172.70): E

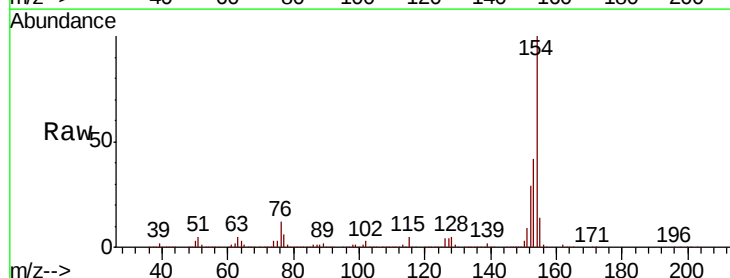
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.557 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.5	61.5
76	12.0	0.0	33.1

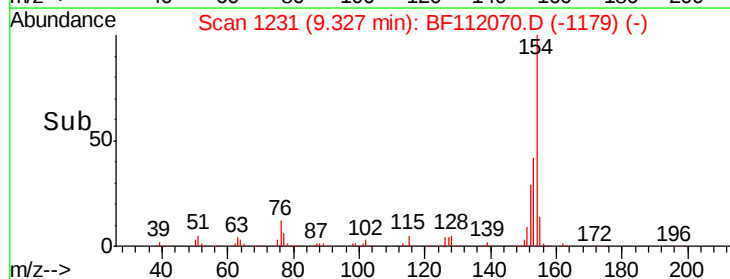
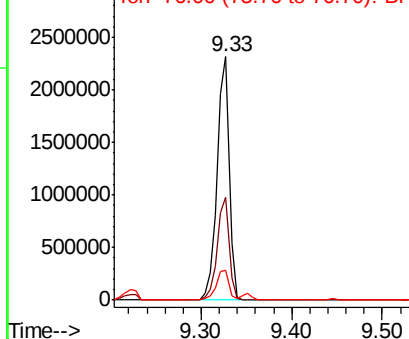


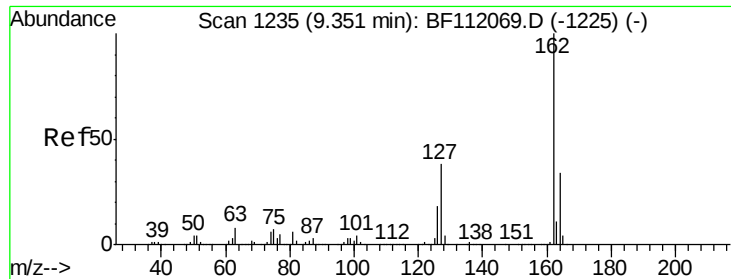
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





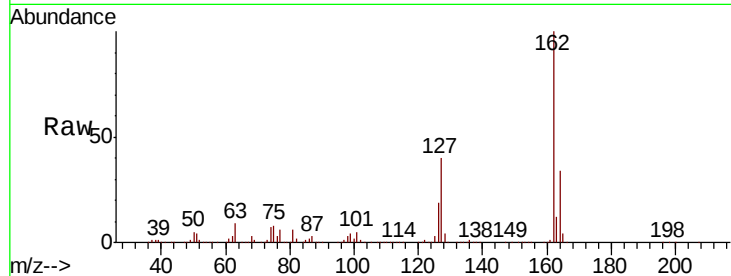
#47
2-Chloronaphthalene
Concen: 48.817 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.4	45.6
164	34.3	27.4	41.2

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

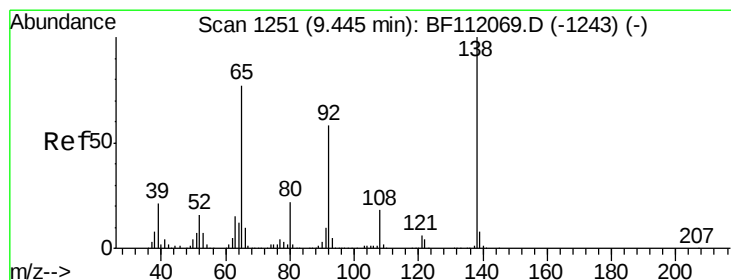
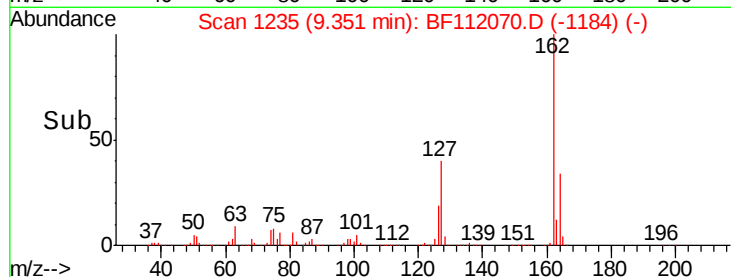
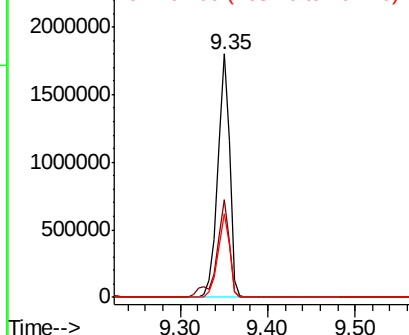


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.858 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

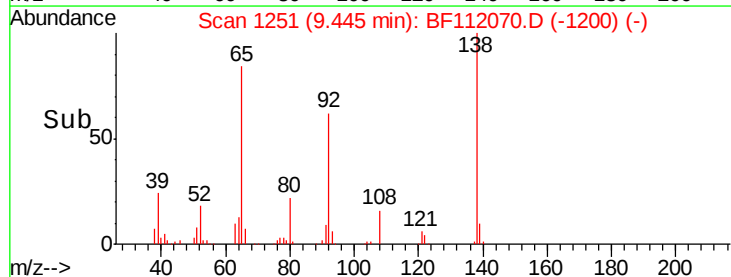
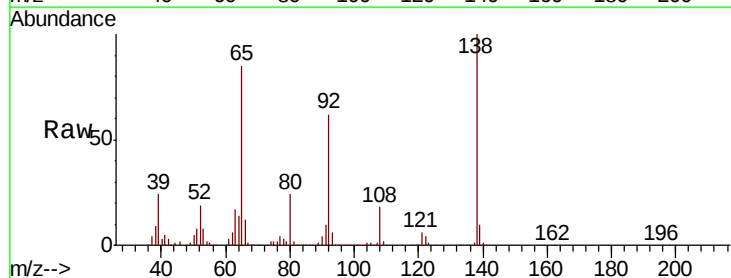
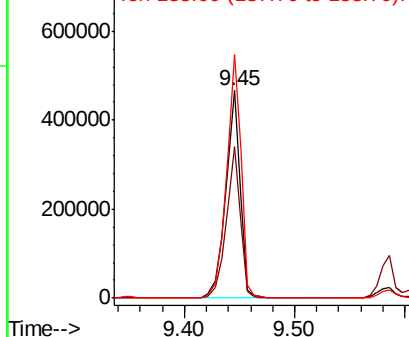
Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	60.4	90.6
138	117.5	104.4	156.6

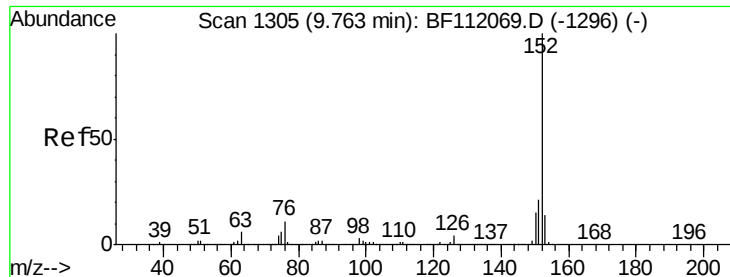
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





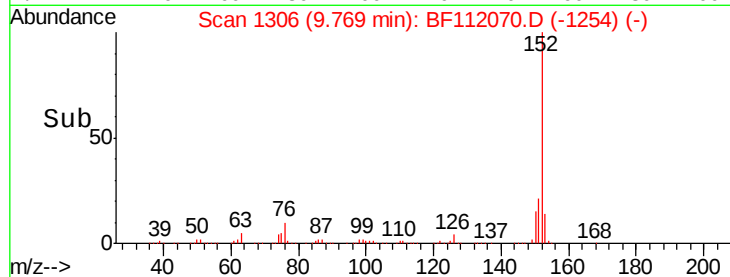
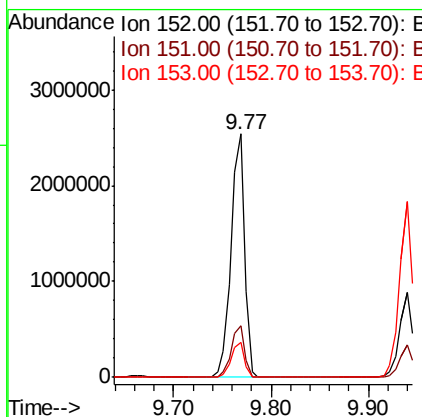
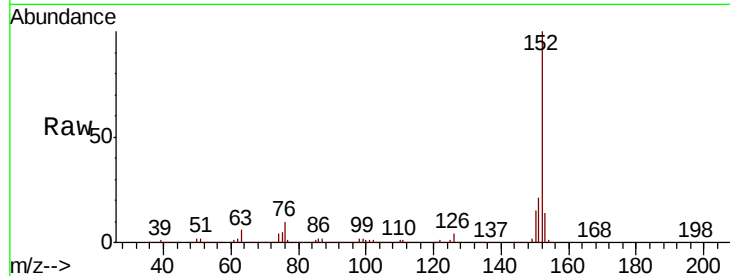
#49
Acenaphthylene
Concen: 47.531 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6
153	14.2	11.2	16.8

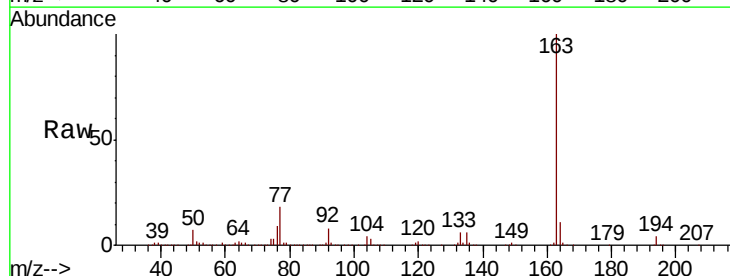
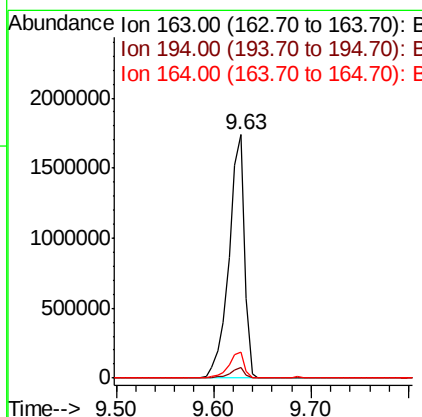
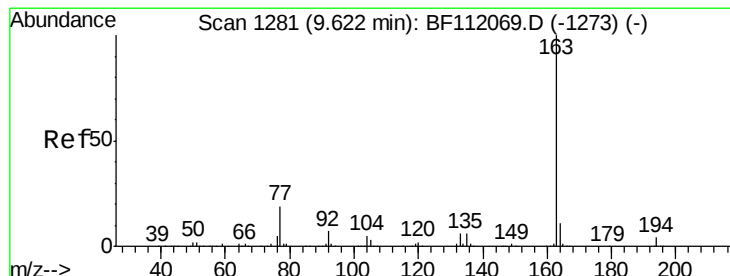
Manual Integrations
APPROVED

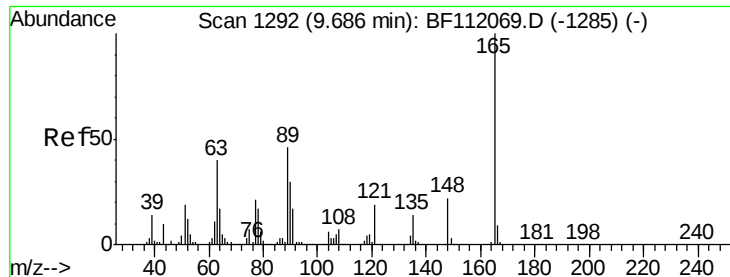
Sohil
1/17/2019 2:07:56 PM



#50
Dimethylphthalate
Concen: 47.739 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.5	8.5	12.7





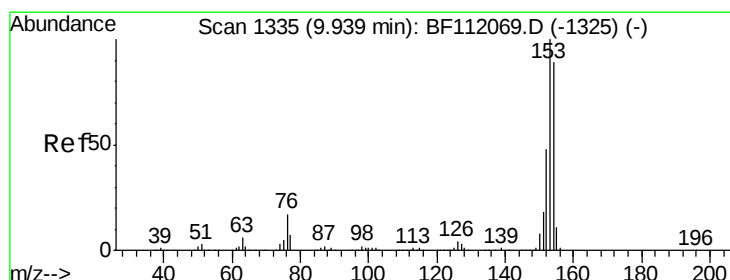
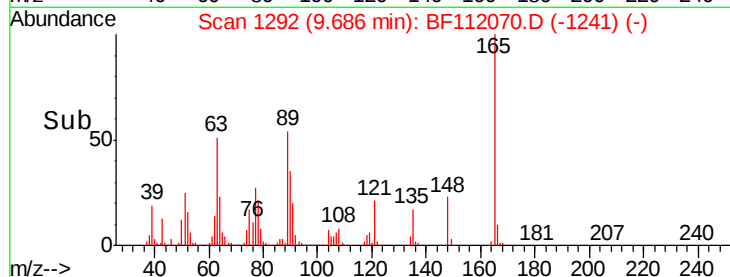
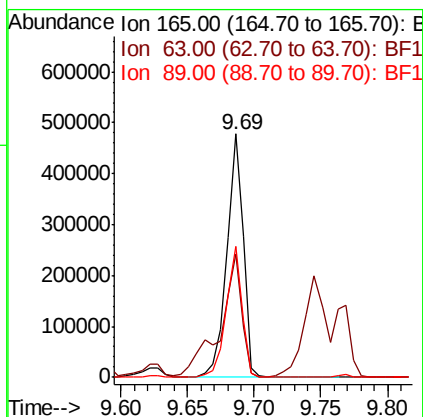
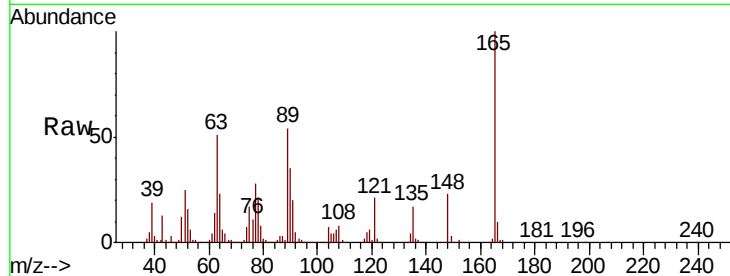
#51
 2,6-Dinitrotoluene
 Concen: 46.786 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	33.8	50.8
89	53.6	36.9	55.3

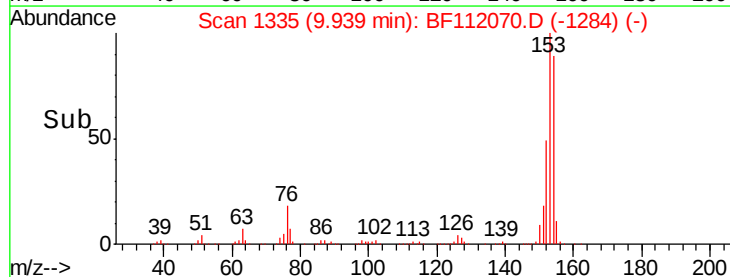
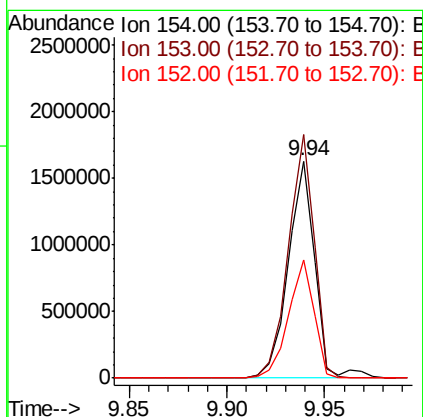
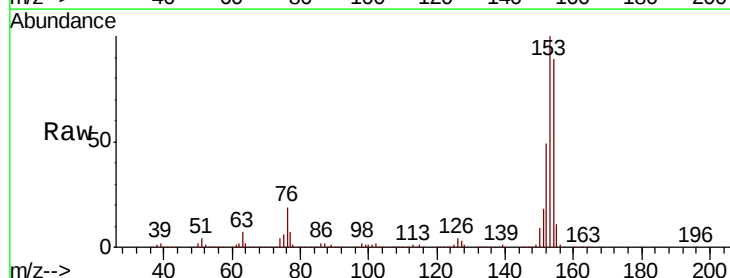
Manual Integrations
 APPROVED

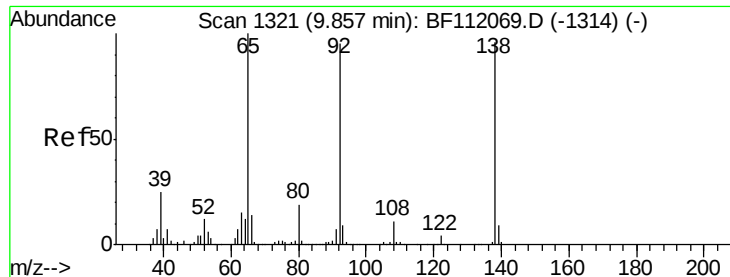
Sohil
 1/17/2019 2:07:56 PM



#52
 Acenaphthene
 Concen: 44.688 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.8	134.6
152	54.6	43.5	65.3





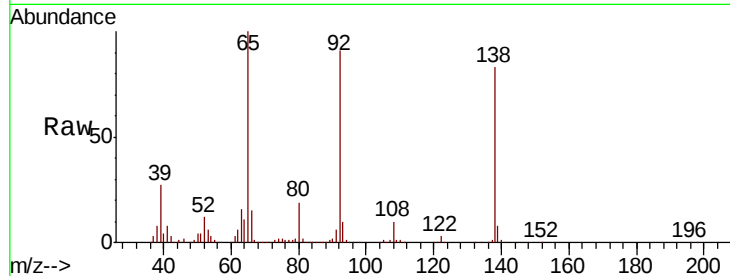
#53
3-Nitroaniline
Concen: 48.115 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

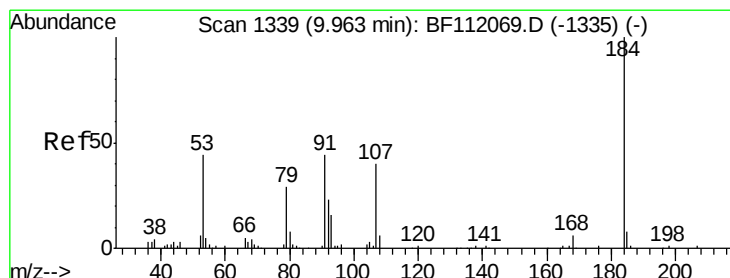
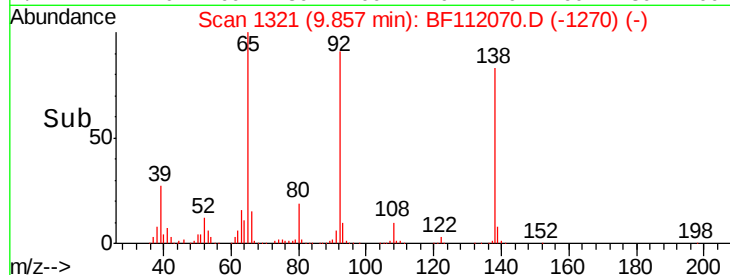
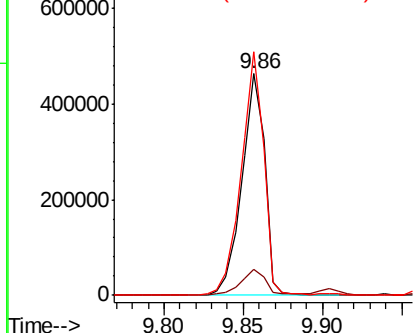
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.8	14.6
92	110.0	79.4	119.2

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

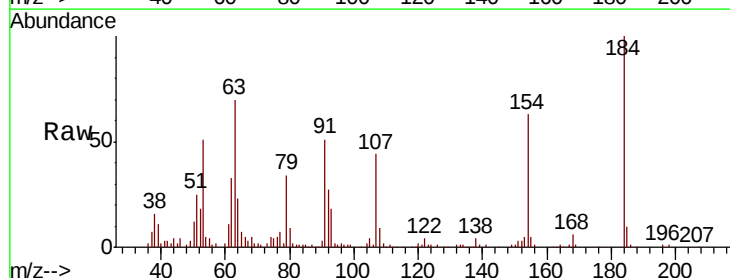


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

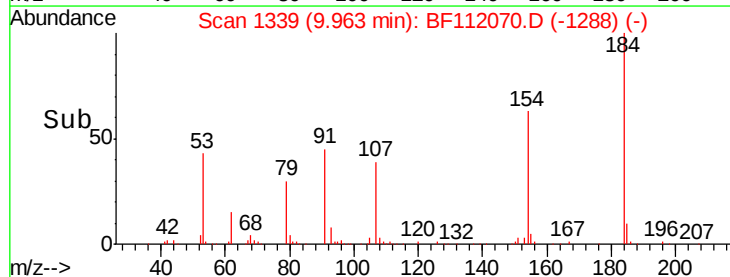
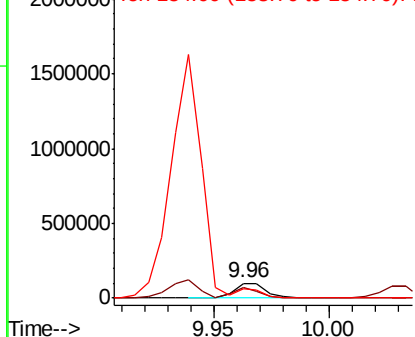


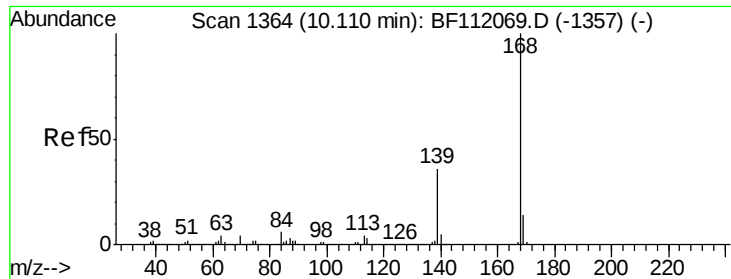
#54
2,4-Dinitrophenol
Concen: 25.661 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.1	47.1	70.7
154	63.5	48.9	73.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





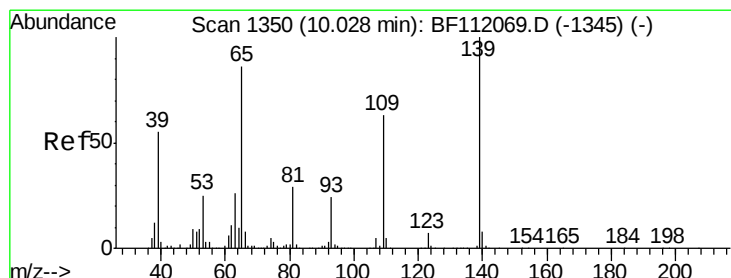
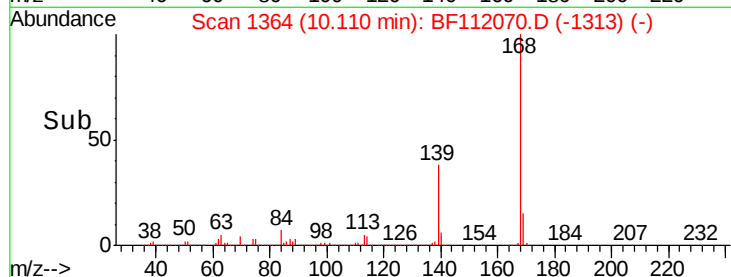
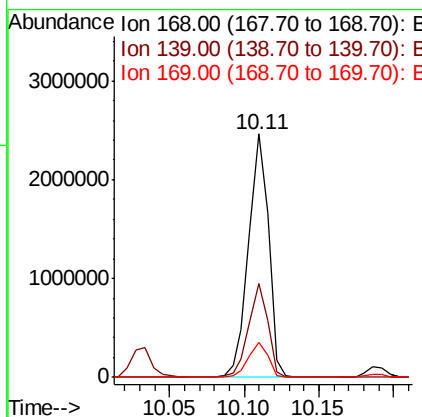
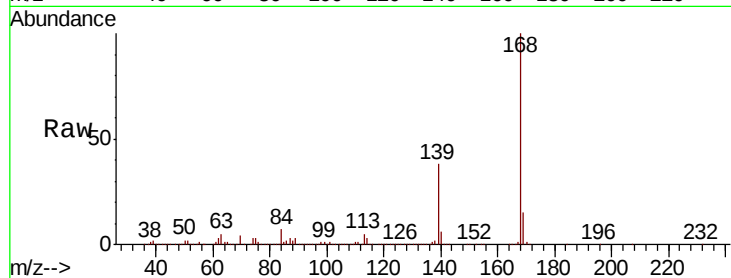
#55
Dibenzofuran
Concen: 47.077 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.2	43.8
169	14.6	11.4	17.0

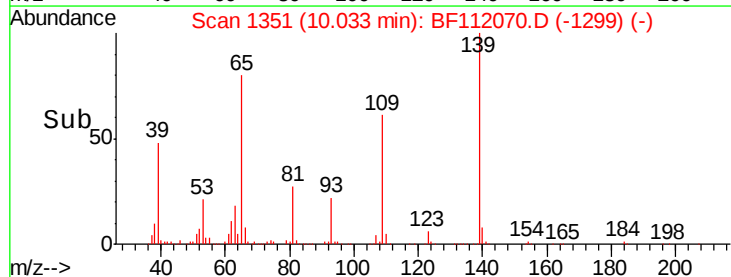
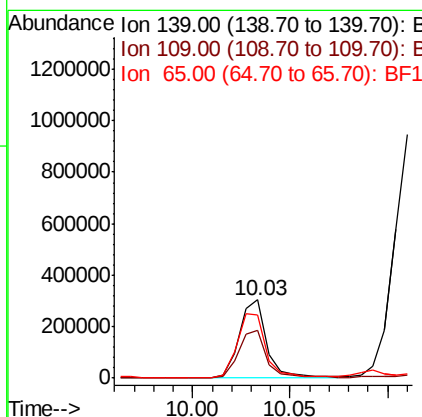
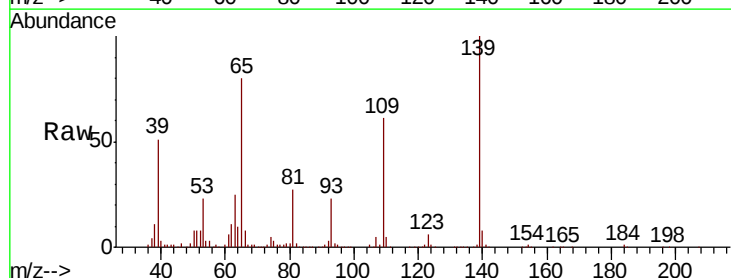
Manual Integrations
APPROVED

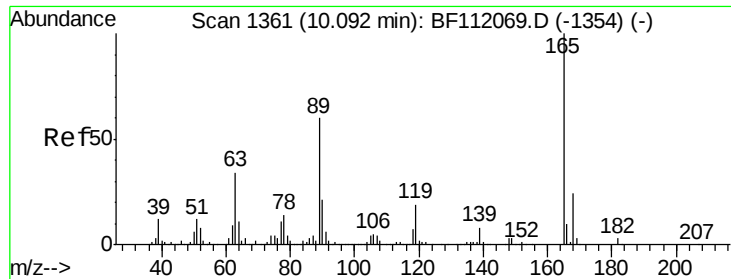
Sohil
1/17/2019 2:07:56 PM



#56
4-Nitrophenol
Concen: 44.056 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.7	42.8	82.8
65	80.1	66.1	106.1





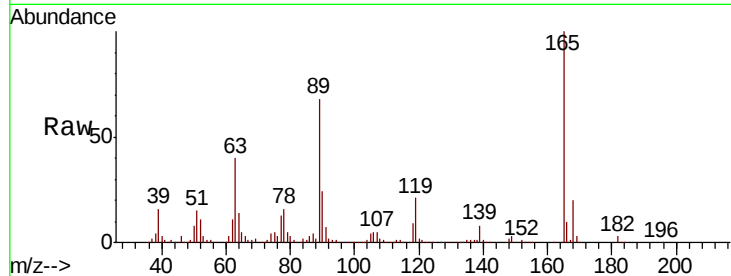
#57
 2,4-Dinitrotoluene
 Concen: 44.027 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

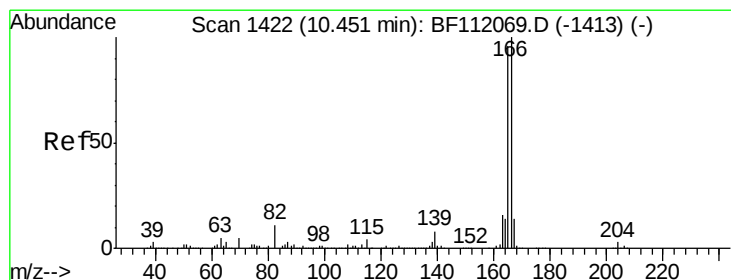
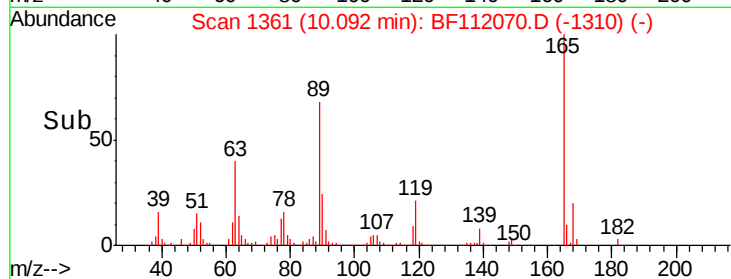
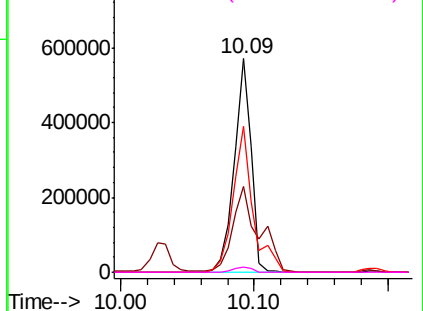
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.3	27.9	41.9
89	68.1	47.9	71.9
182	2.6	2.2	3.4

Manual Integrations
 APPROVED

Sohil
 1/17/2019 2:07:56 PM

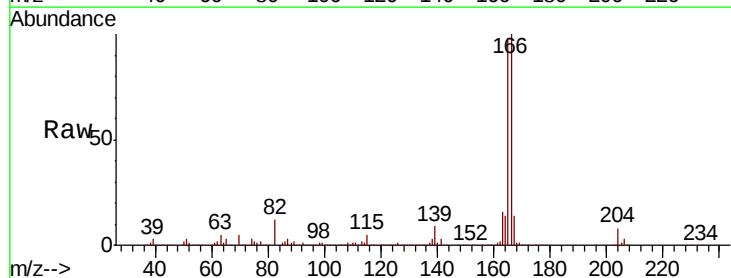


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

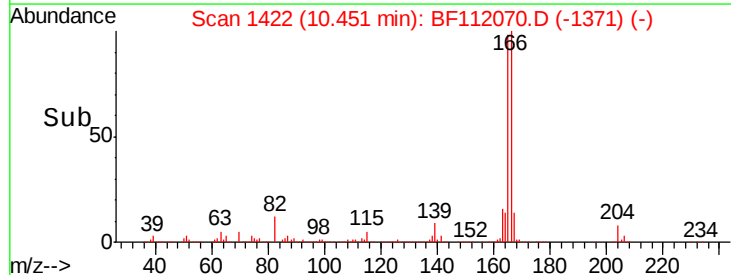
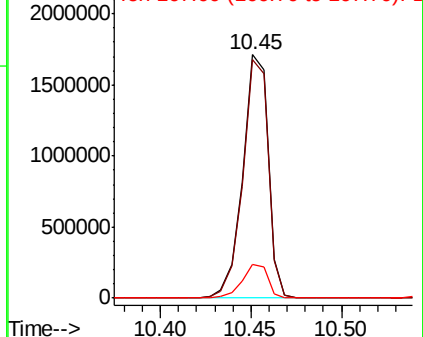


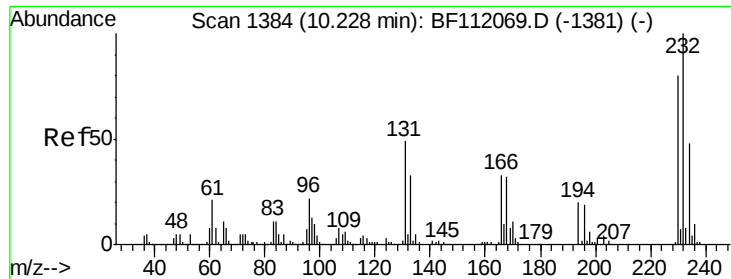
#58
 Fluorene
 Concen: 47.282 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.1	115.7
167	14.0	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





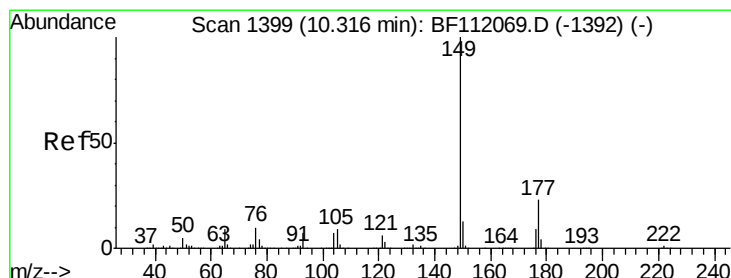
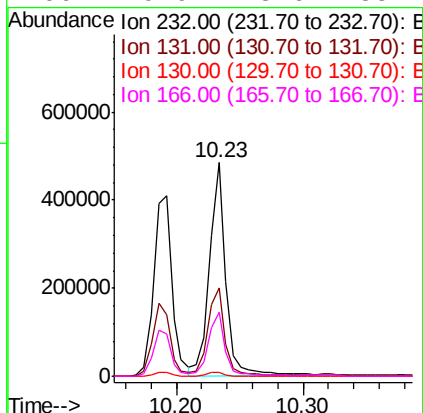
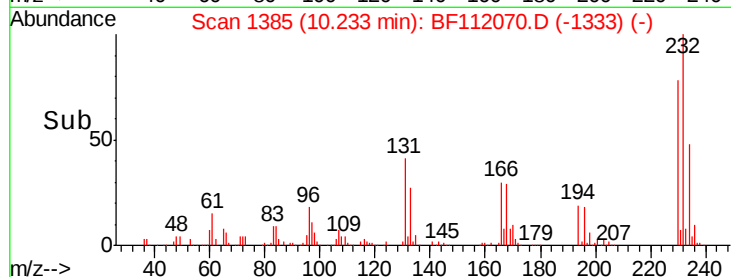
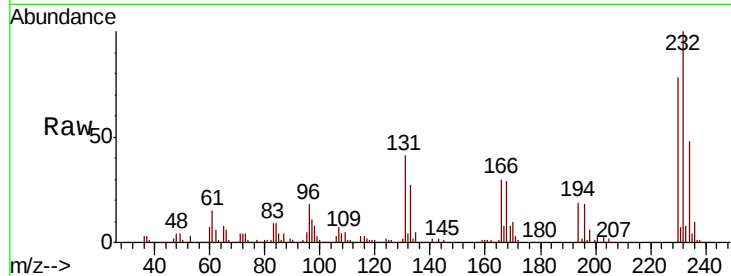
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.142 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	33.9	50.9
130	2.2	1.8	2.6
166	29.9	23.6	35.4

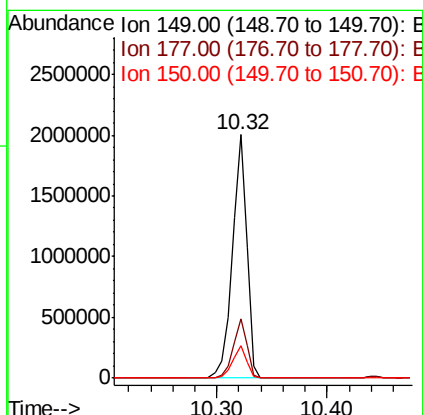
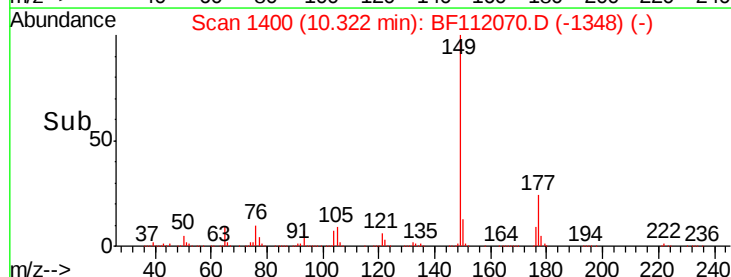
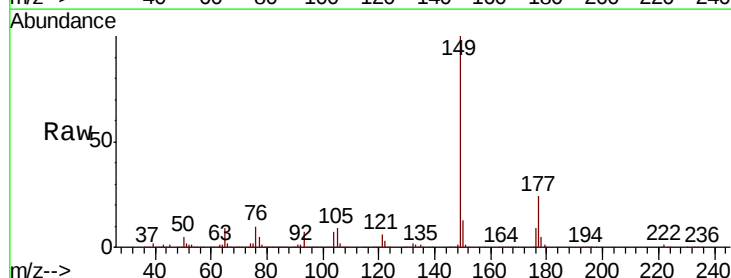
Manual Integrations
APPROVED

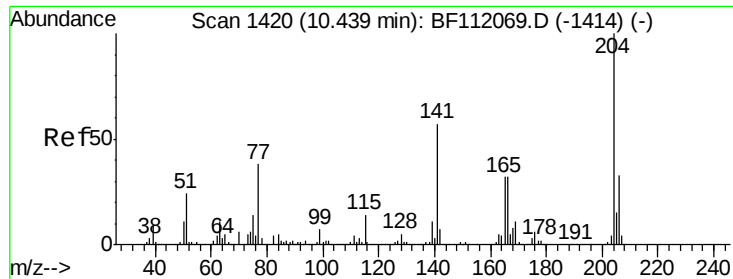
Sohil
1/17/2019 2:07:56 PM



#60
Diethylphthalate
Concen: 47.498 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.2	27.2
150	13.3	10.4	15.6





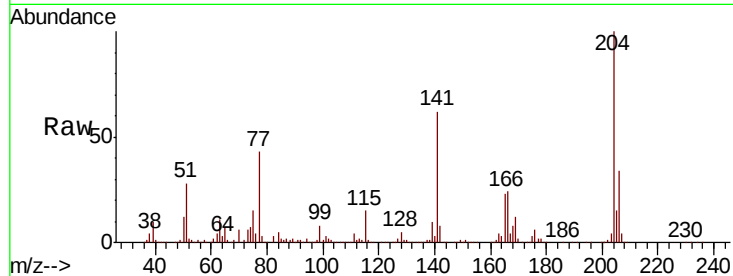
#61
4-Chlorophenyl-phenylether
Concen: 46.421 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	62.1	45.9	68.9

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

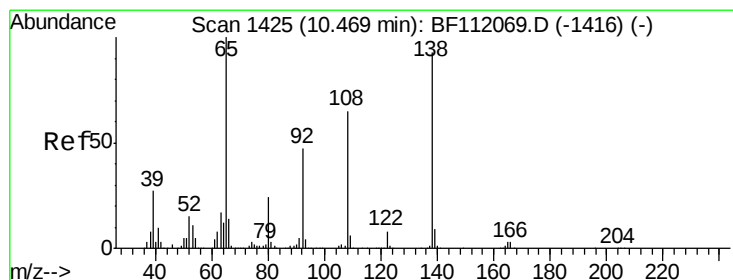
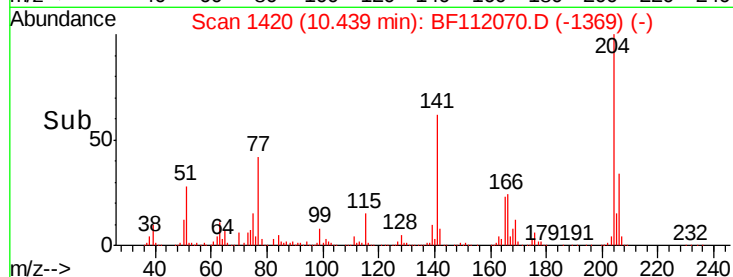
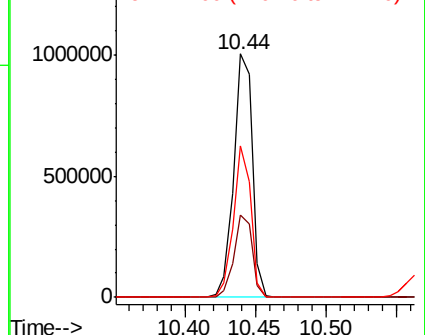


Abundance

Ion 204.00 (203.70 to 204.70): E

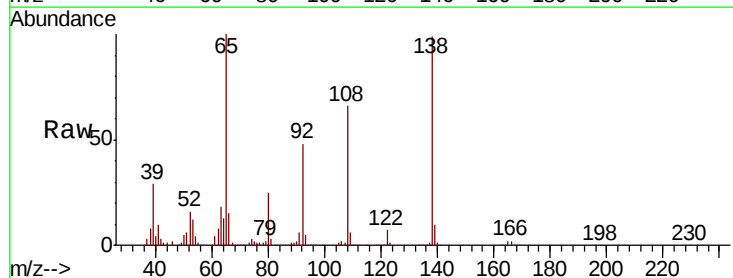
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.876 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	30.6	70.6
108	67.2	50.0	90.0

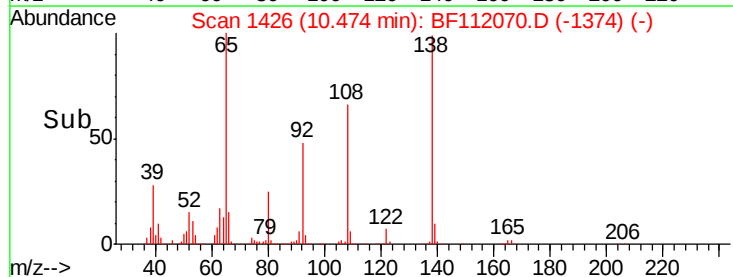
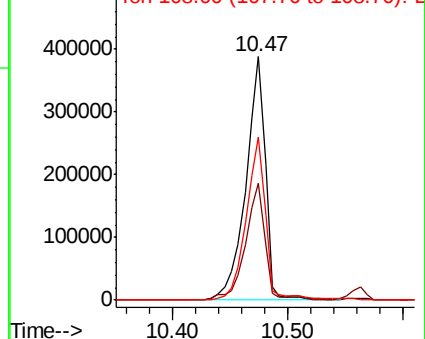


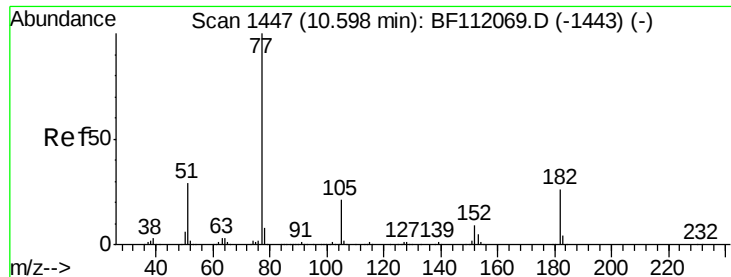
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





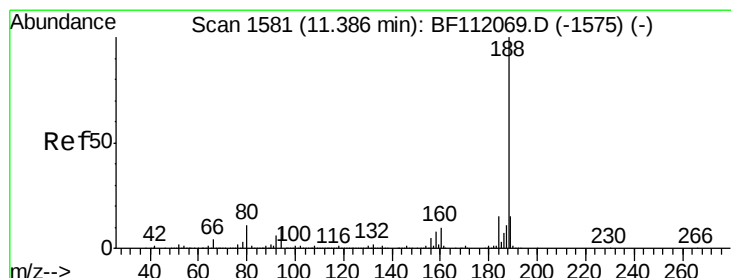
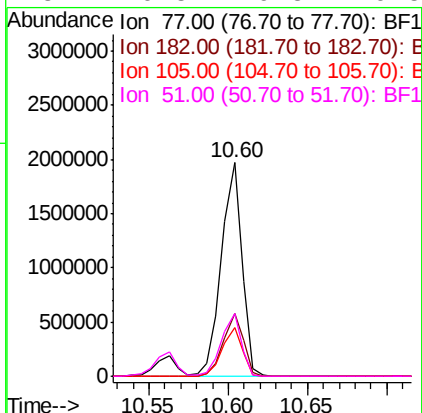
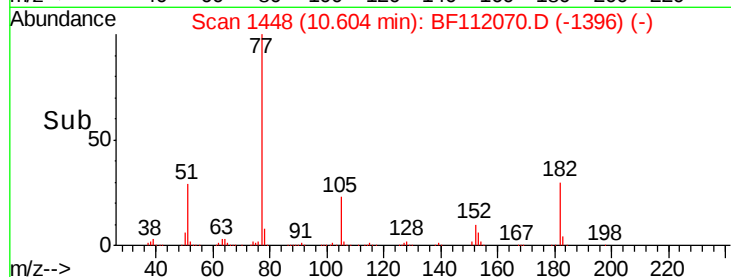
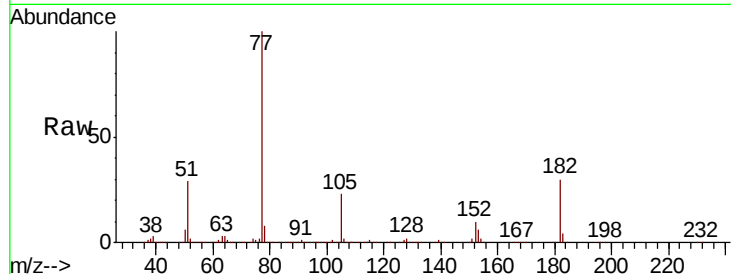
#63
Azobenzene
Concen: 48.007 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.5	5.7	45.7
105	22.8	1.4	41.4
51	29.5	9.5	49.5

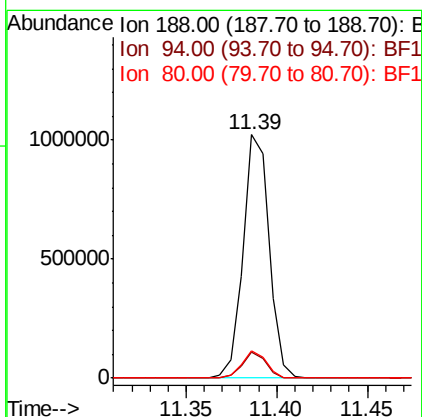
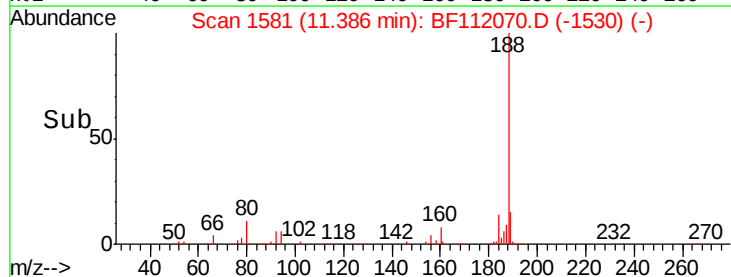
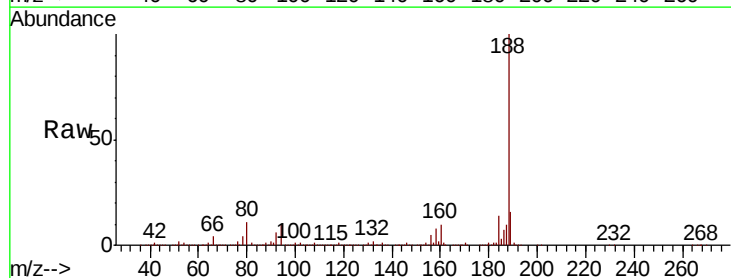
Manual Integrations
APPROVED

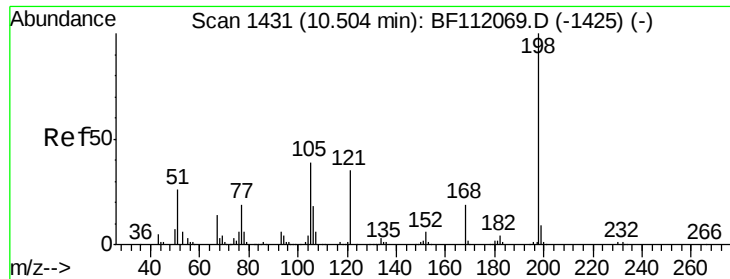
Sohil
1/17/2019 2:07:56 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	11.3	8.9	13.3





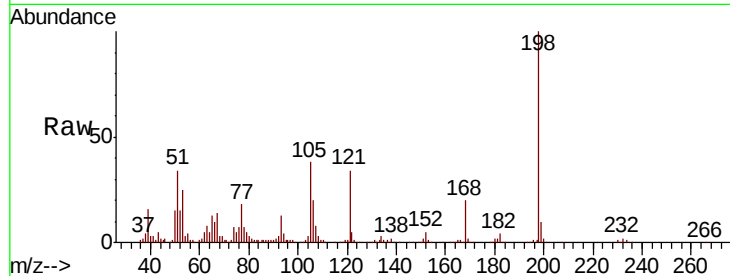
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.936 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
198	100	213938		
51	33.6	17.2	57.2	
105	38.1	21.9	61.9	

Manual Integrations
 APPROVED

Sohil
 1/17/2019 2:07:56 PM

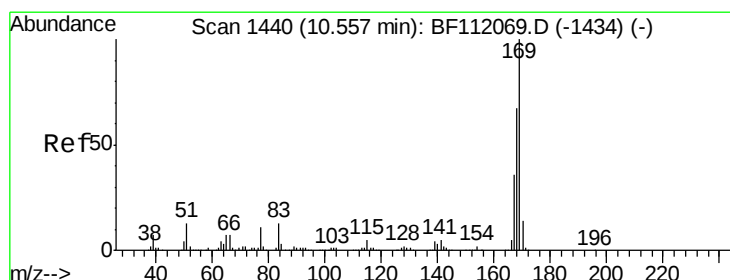
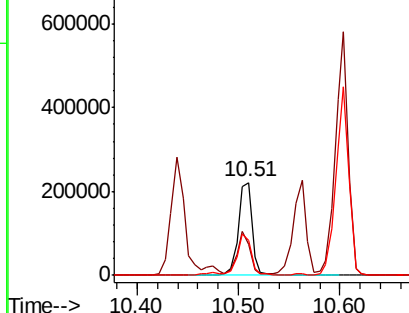
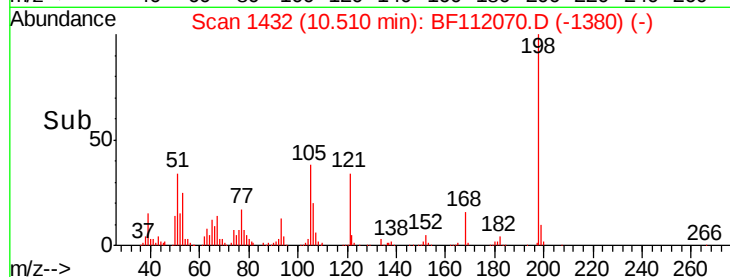


Abundance

Ion 198.00 (197.70 to 198.70): E

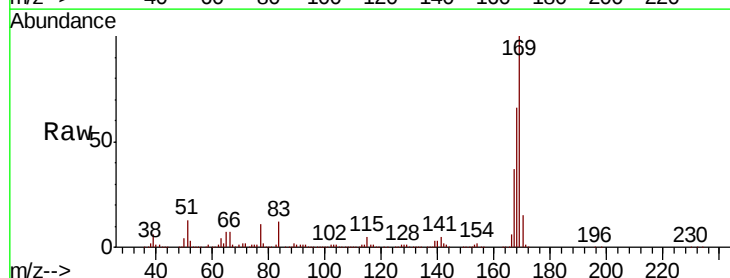
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 47.739 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1636756		
168	66.2	53.9	80.9	
167	36.7	28.9	43.3	

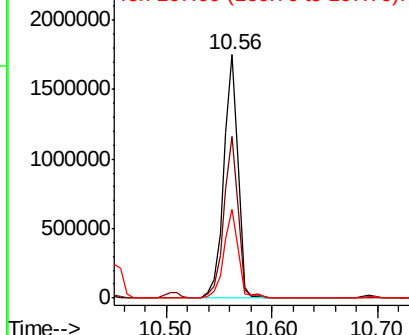
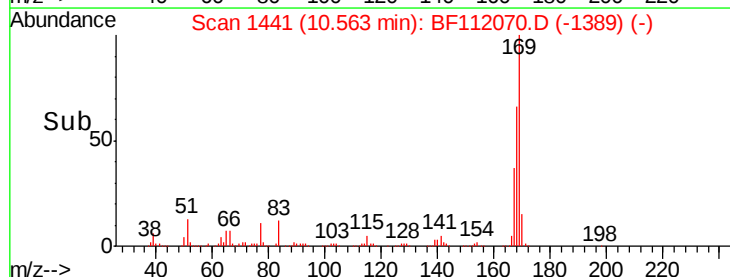


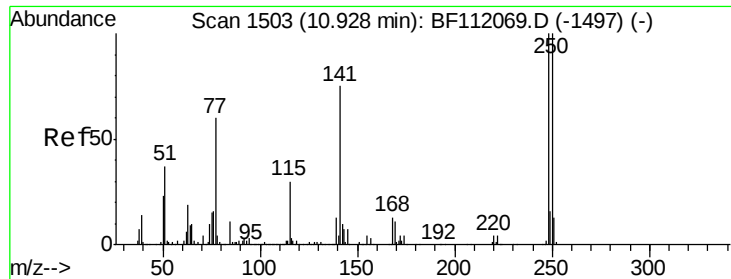
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





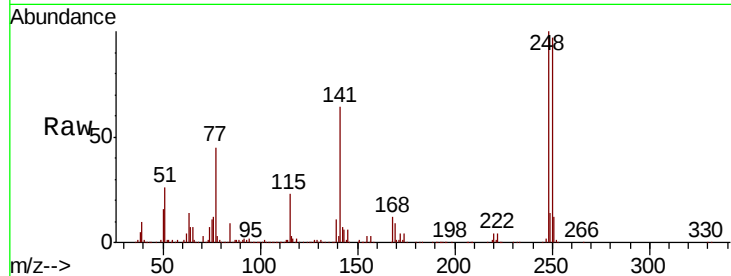
#67
4-Bromophenyl-phenylether
Concen: 44.601 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.7	119.5
141	64.3	60.3	90.5

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

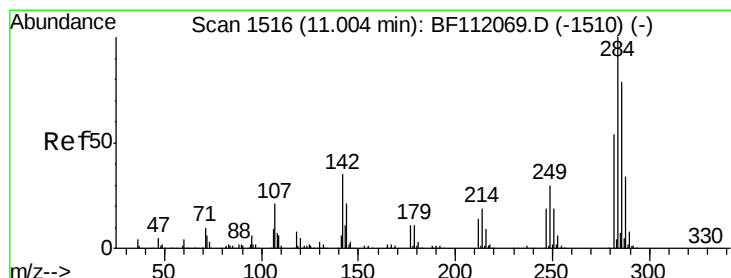
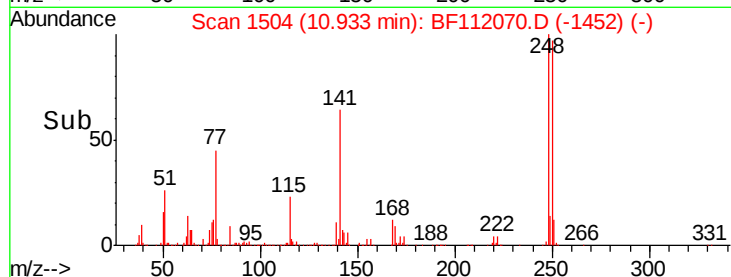
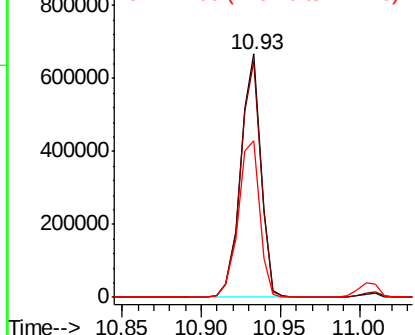


Abundance

Ion 248.00 (247.70 to 248.70): E

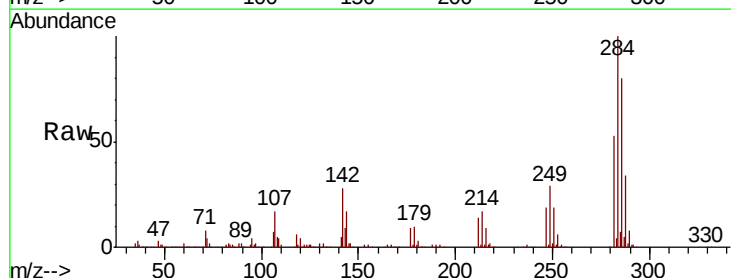
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.974 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	27.6	41.4
249	29.3	24.1	36.1

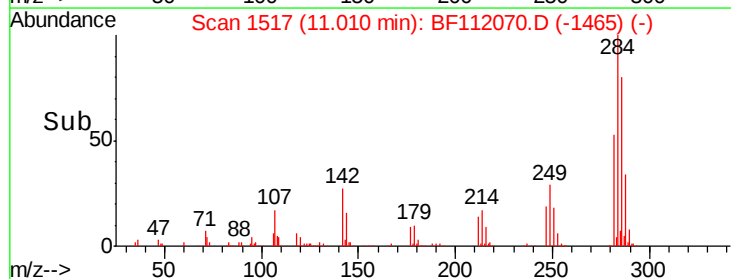
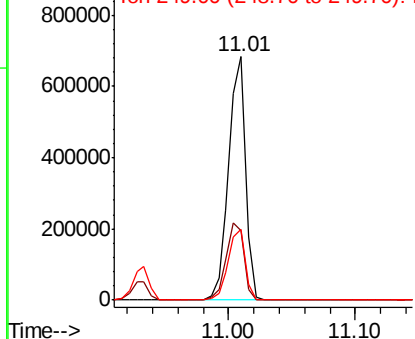


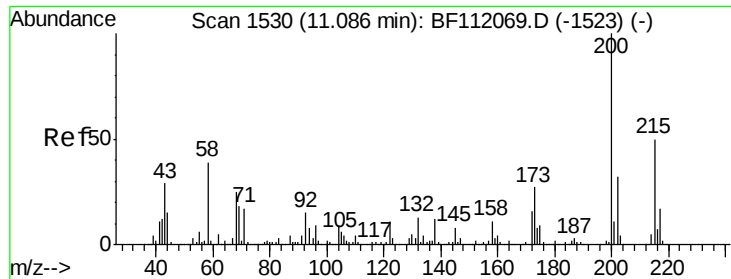
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





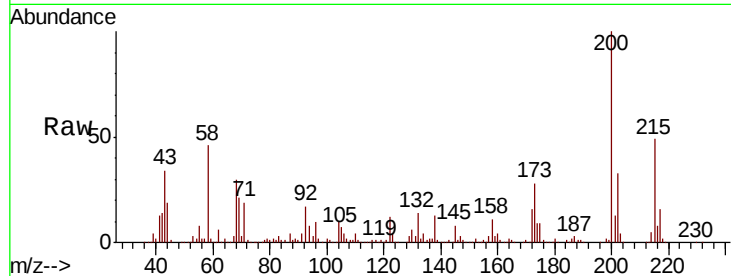
#69
Atrazine
Concen: 44.095 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.1	47.1
215	49.0	30.4	70.4

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

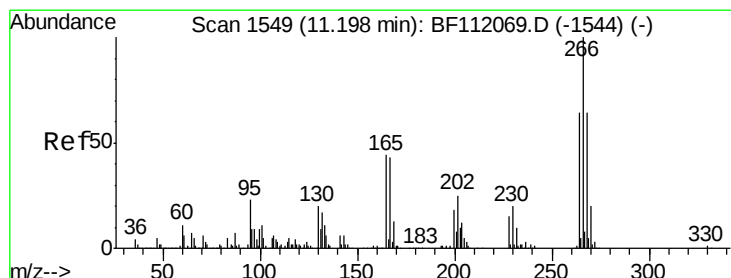
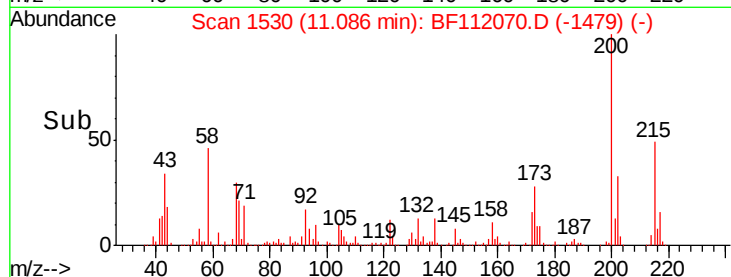
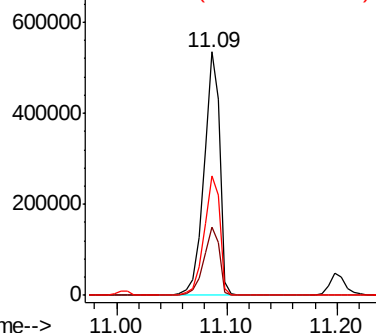


Abundance

Ion 200.00 (199.70 to 200.70): E

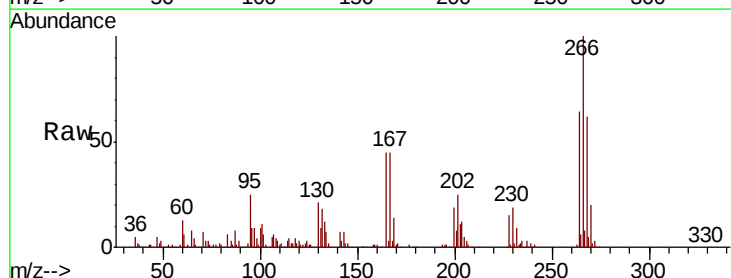
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 35.458 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.2	76.8
264	63.5	50.9	76.3

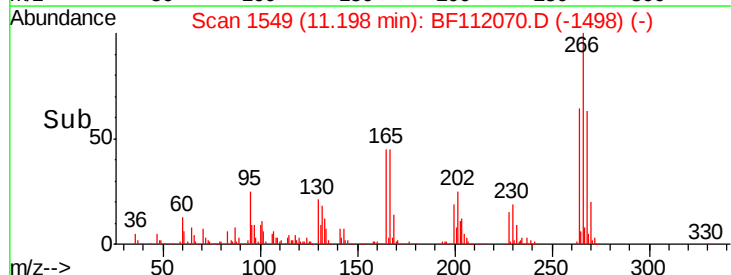
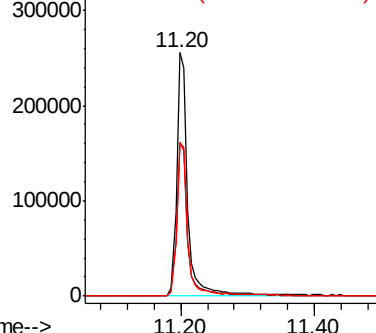


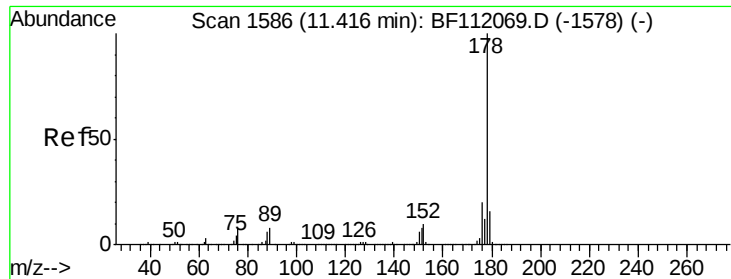
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





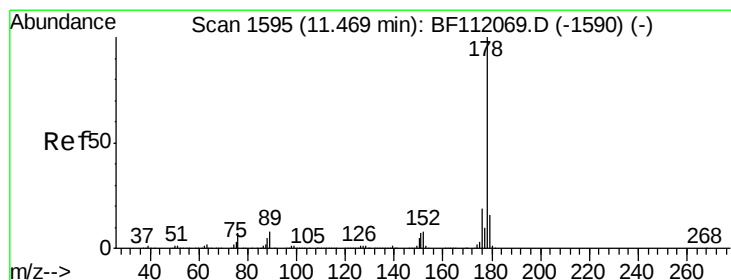
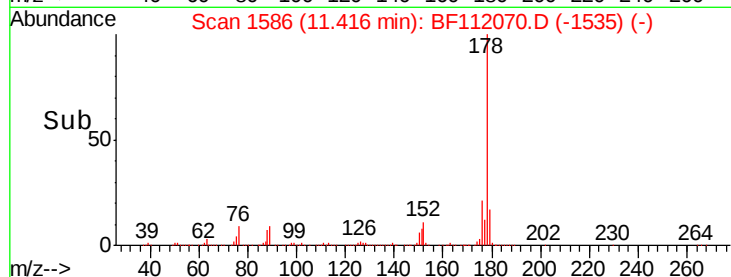
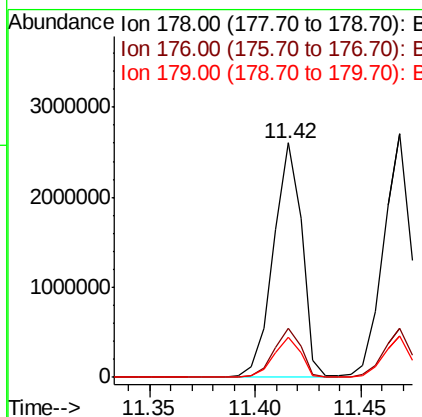
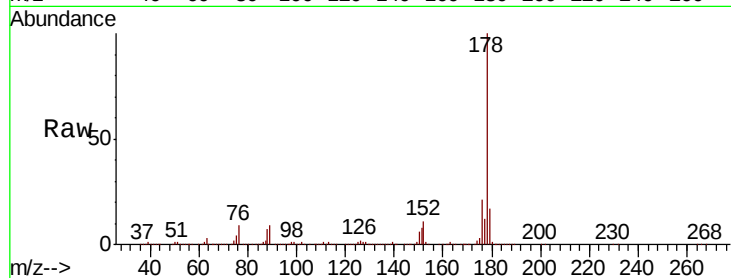
#71
Phenanthrene
Concen: 44.714 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:178 Resp: 2442483
Ion Ratio Lower Upper
178 100
176 21.0 16.3 24.5
179 17.0 13.0 19.4

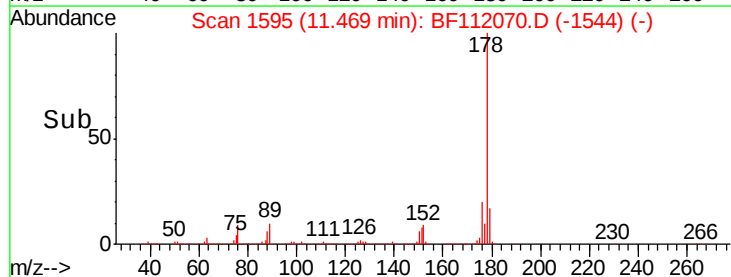
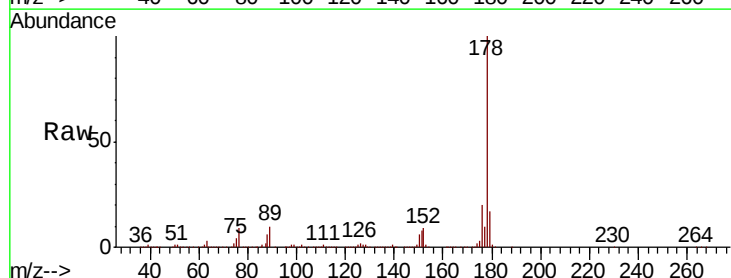
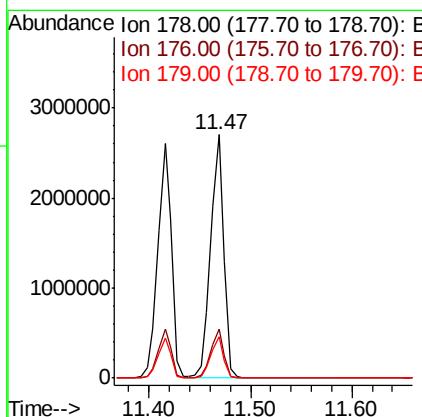
Manual Integrations
APPROVED

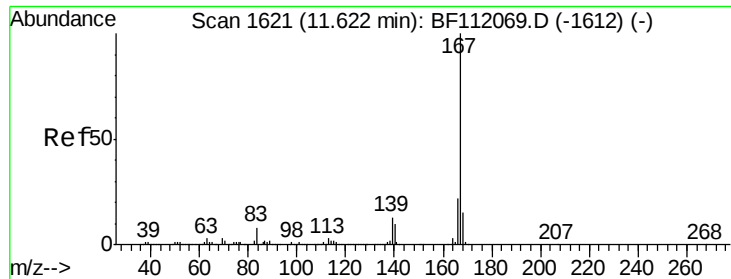
Sohil
1/17/2019 2:07:56 PM



#72
Anthracene
Concen: 44.340 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:178 Resp: 2458717
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 17.0 12.8 19.2





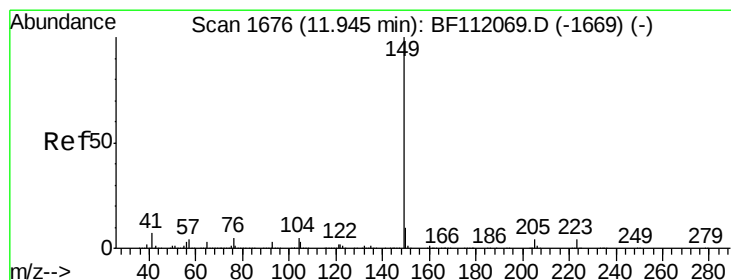
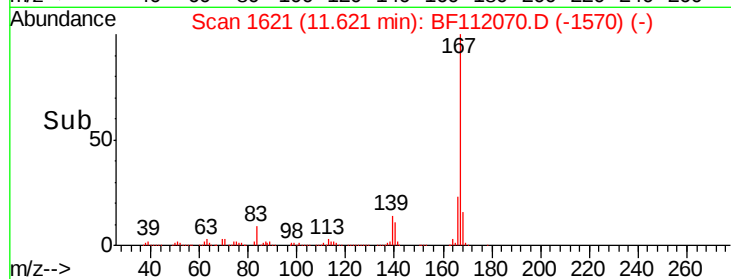
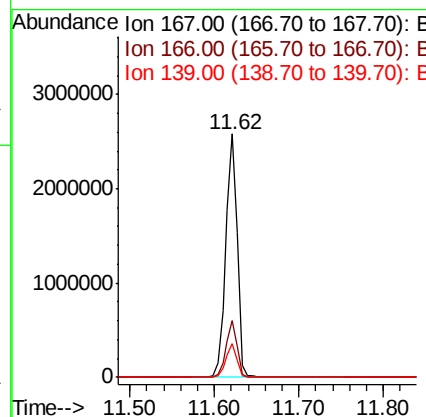
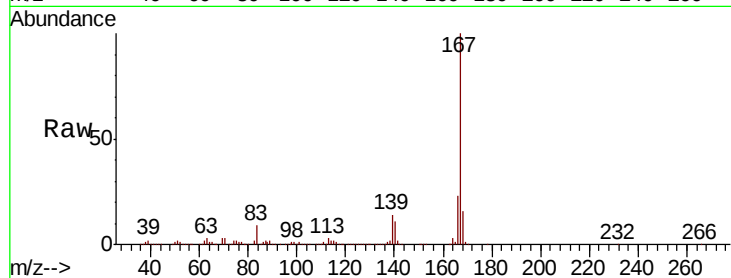
#73
 Carbazole
 Concen: 45.760 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.2	17.9	26.9	
139	14.0	10.2	15.2	

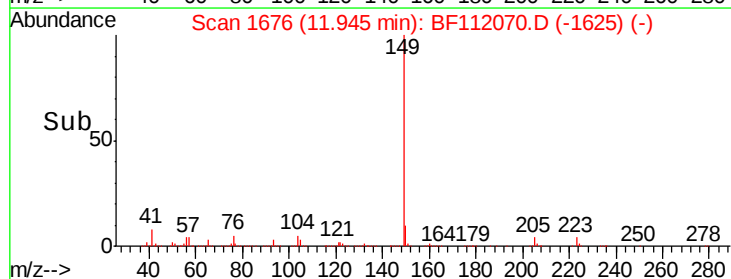
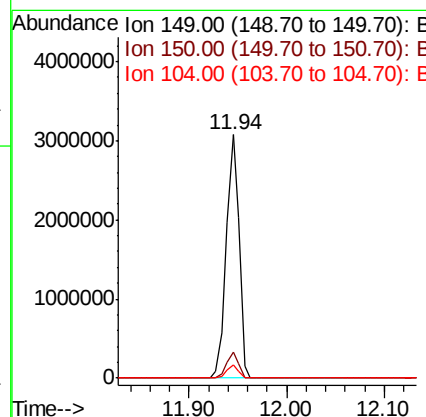
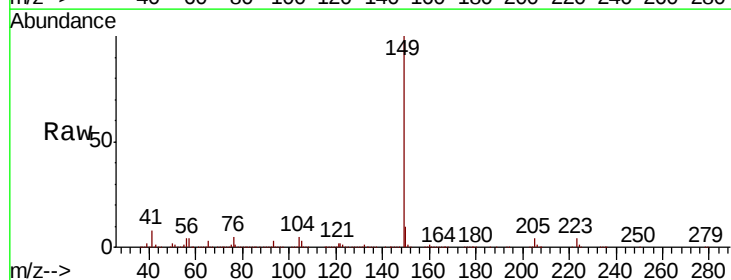
Manual Integrations
 APPROVED

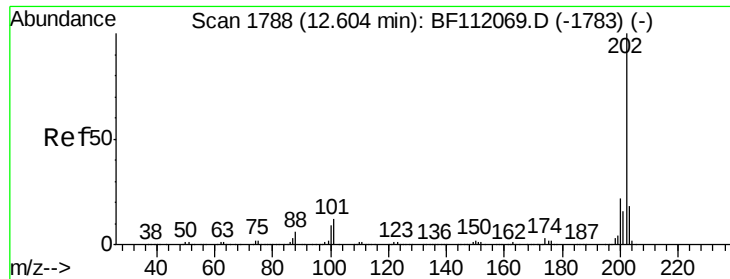
Sohil
 1/17/2019 2:07:56 PM



#74
 Di-n-butylphthalate
 Concen: 44.671 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.4	8.1	12.1	
104	5.3	3.9	5.9	





#75

Fluoranthene

Concen: 45.576 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

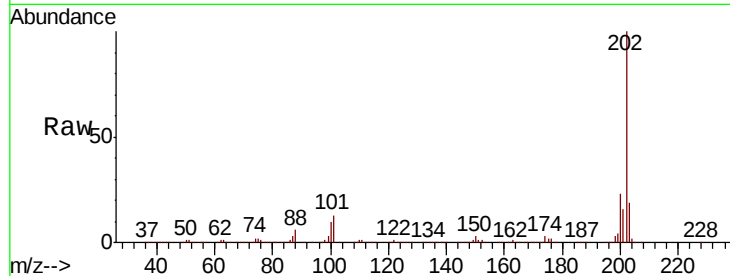
ClientSampleId :

SSTDIC050

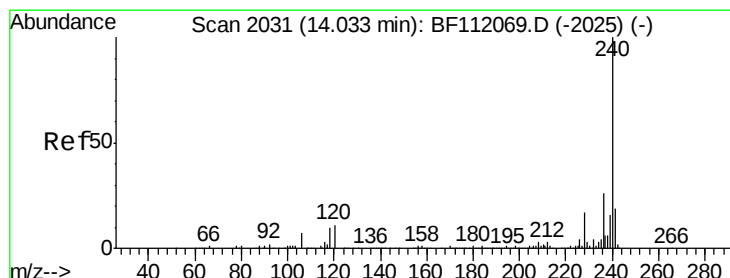
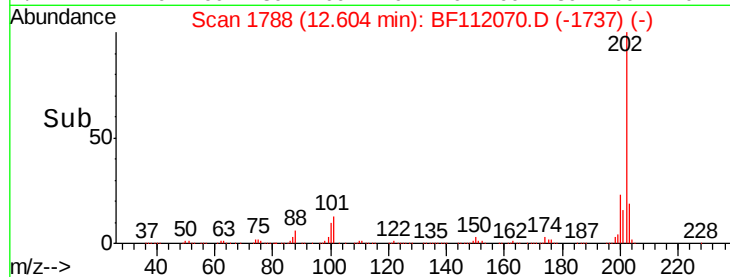
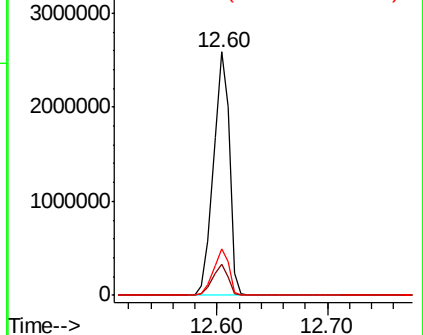
Tot Ion:	202	Resp:	2555764
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.8
203	19.1	0.0	38.4

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

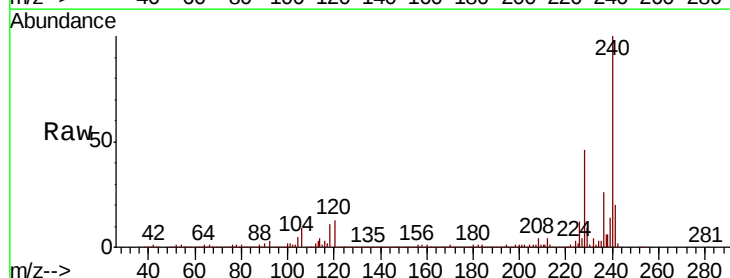
RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

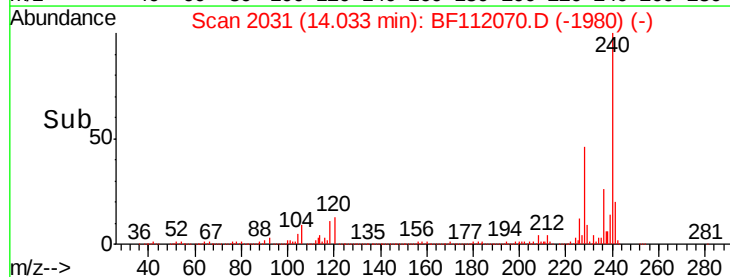
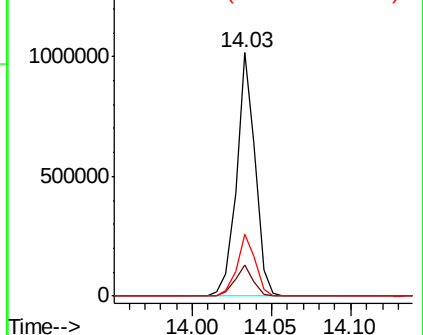
Lab File: BF112070.D

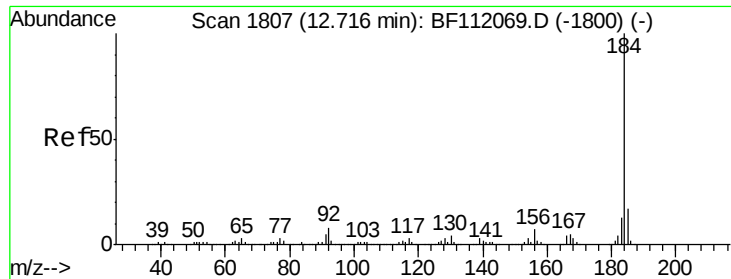
Acq: 16 Jan 2019 16:41

Tgt Ion:	240	Resp:	823343
Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.0	13.6
236	25.5	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.595 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:184 Resp: 1121724

Ion Ratio Lower Upper

184 100

185 18.6 13.9 20.9

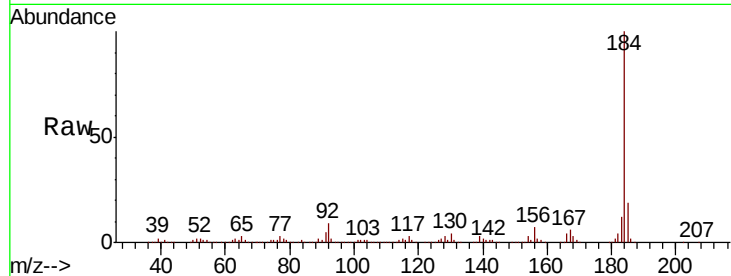
183 12.2 10.0 15.0

Manual Integrations

APPROVED

Sohil

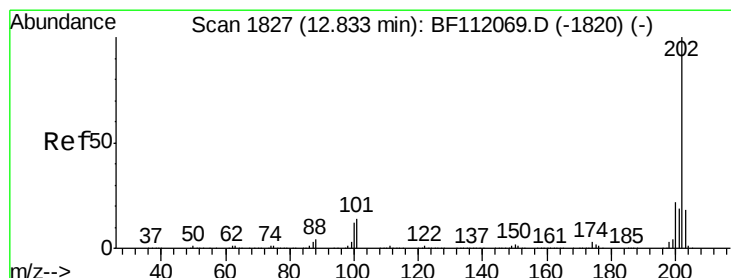
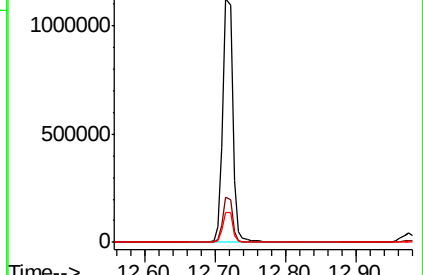
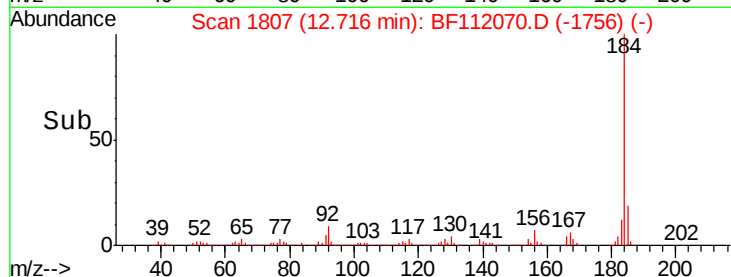
1/17/2019 2:07:56 PM



Abundance Ion 184.00 (183.70 to 184.70): E

1500000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.575 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

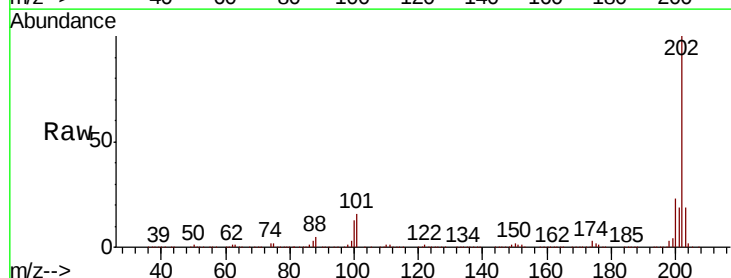
Tgt Ion:202 Resp: 2638505

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

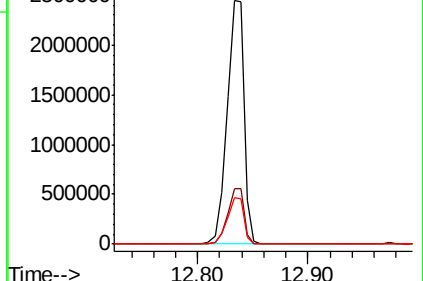
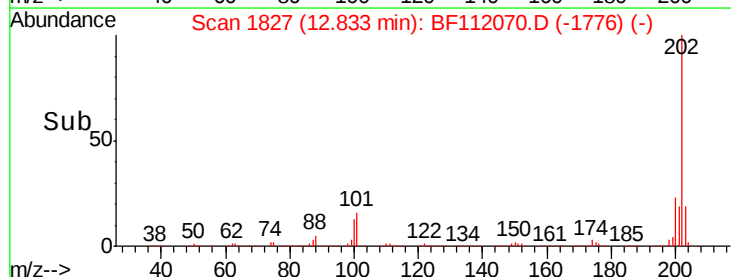
203 18.9 14.6 22.0

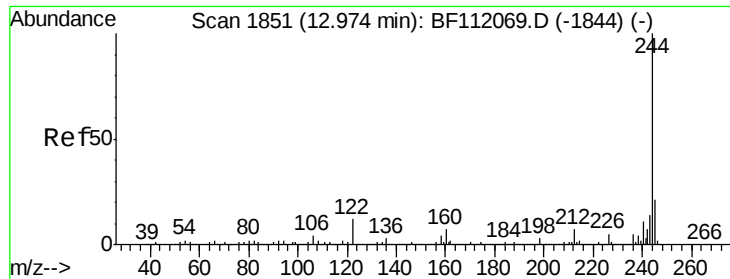


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





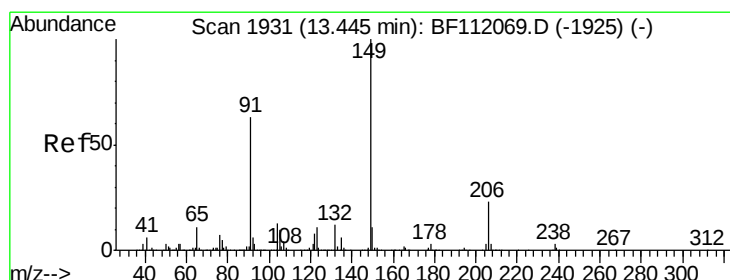
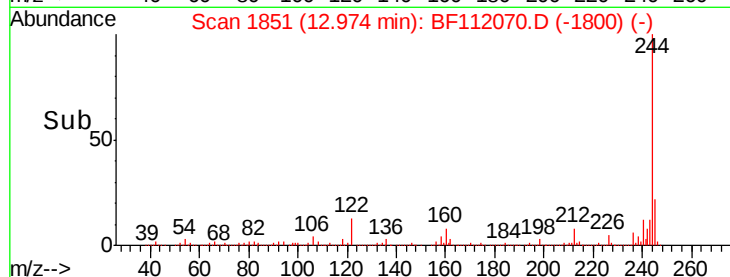
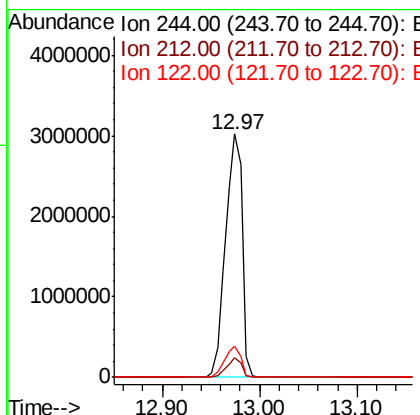
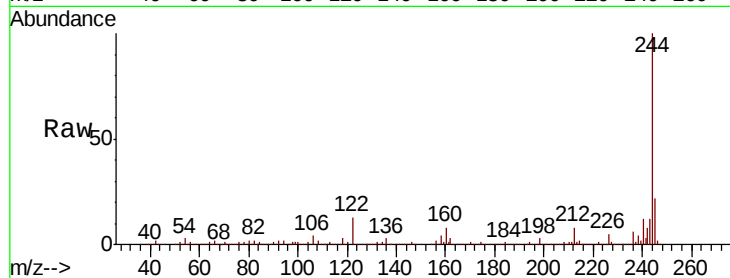
#79
 Terphenyl-d14
 Concen: 82.263 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:244 Resp: 3568099
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 12.9 9.8 14.6

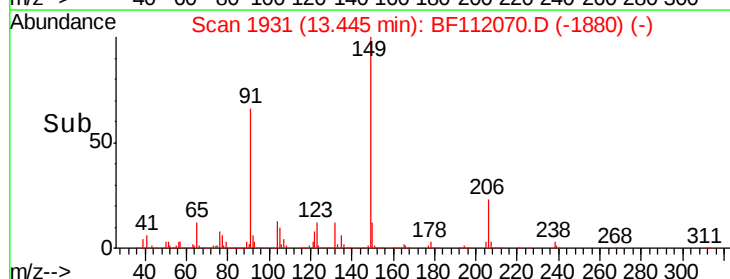
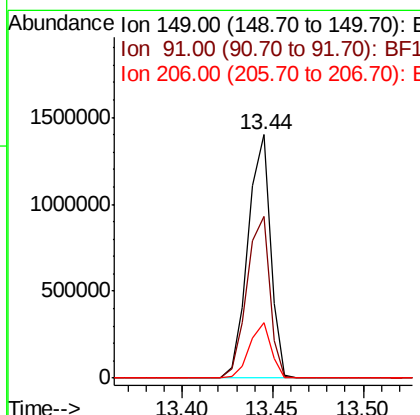
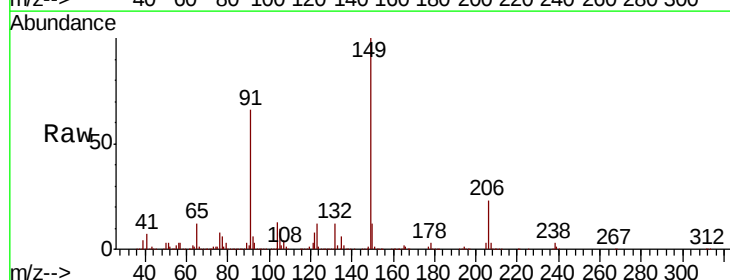
Manual Integrations
 APPROVED

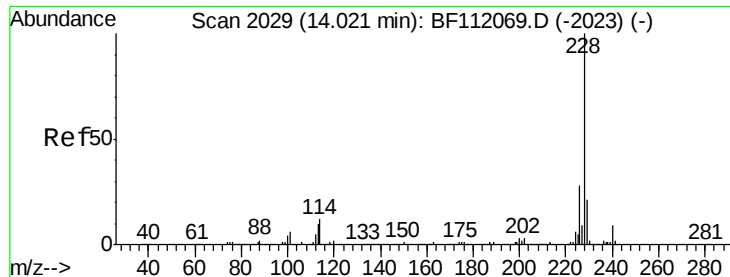
Sohil
 1/17/2019 2:07:56 PM



#80
 Butylbenzylphthalate
 Concen: 50.648 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion:149 Resp: 1213044
 Ion Ratio Lower Upper
 149 100
 91 66.4 50.3 75.5
 206 22.9 18.2 27.4





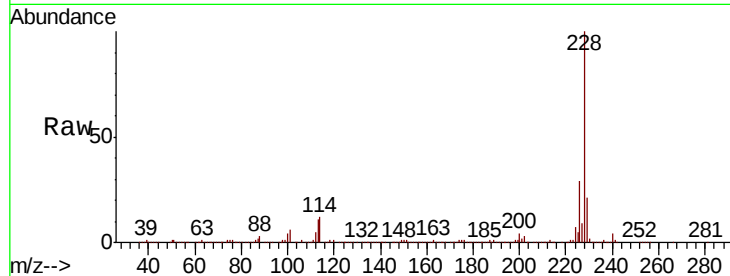
#81
Benzo(a)anthracene
Concen: 48.146 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	34.0
229	21.0	16.5	24.7

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM

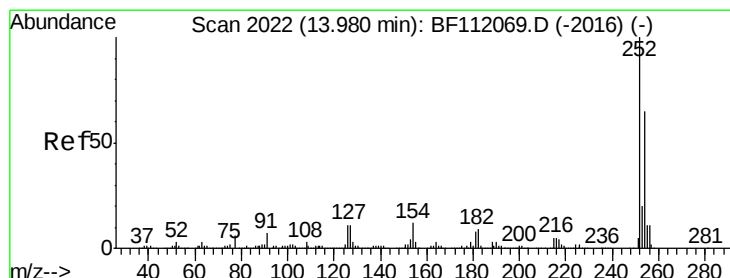
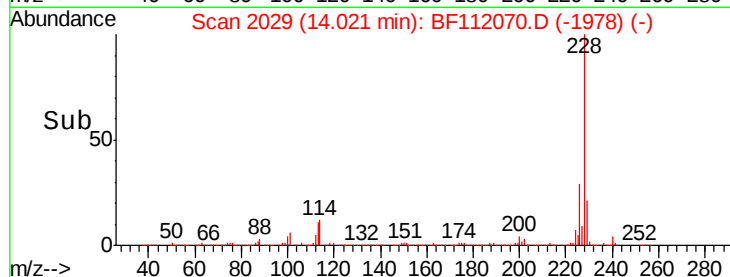
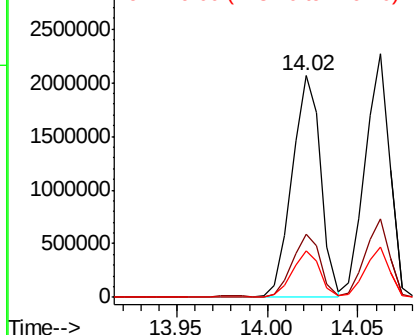


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 48.324 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

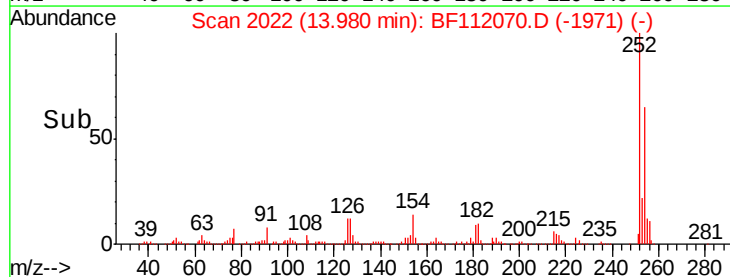
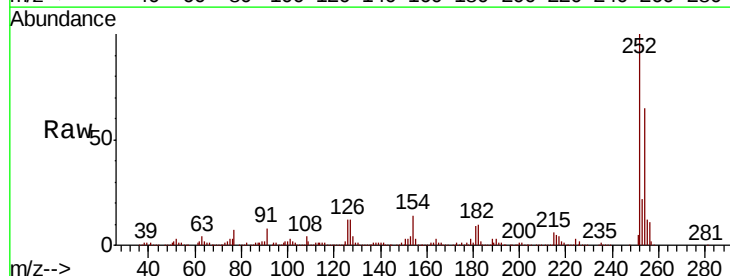
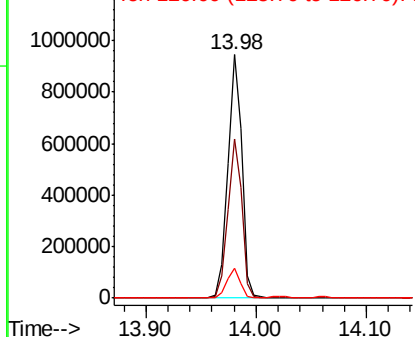
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.6	77.4
126	12.4	8.6	12.8

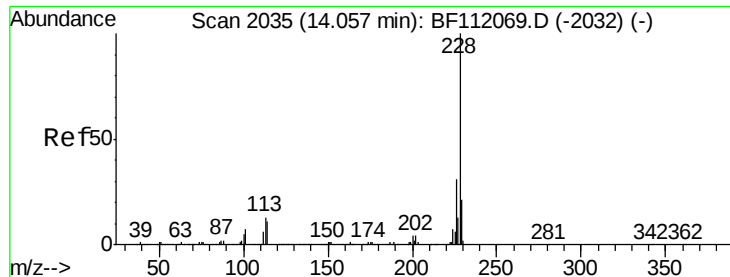
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





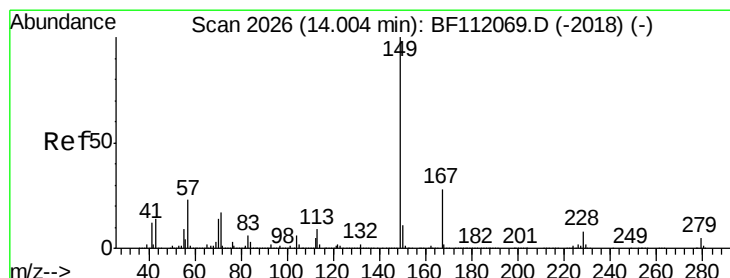
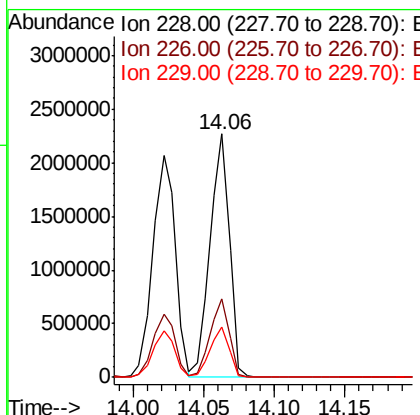
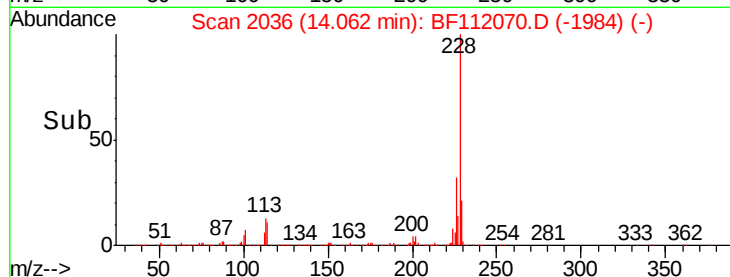
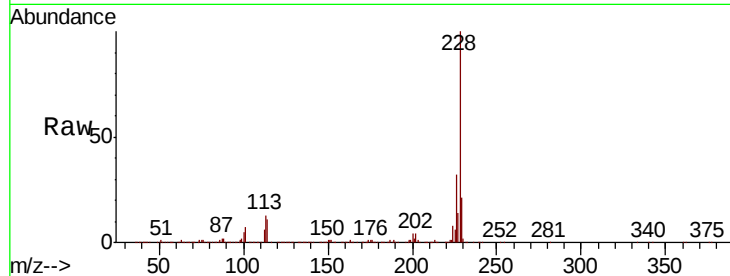
#83
 Chrysene
 Concen: 47.942 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 228 Resp: 2166029
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.0 37.6
 229 20.7 16.6 24.8

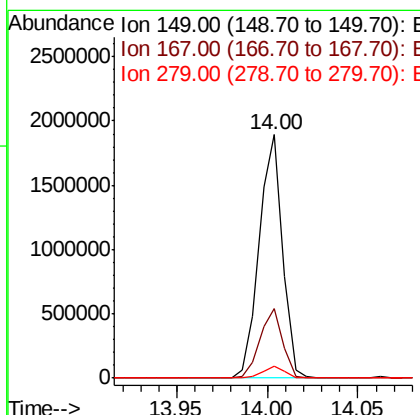
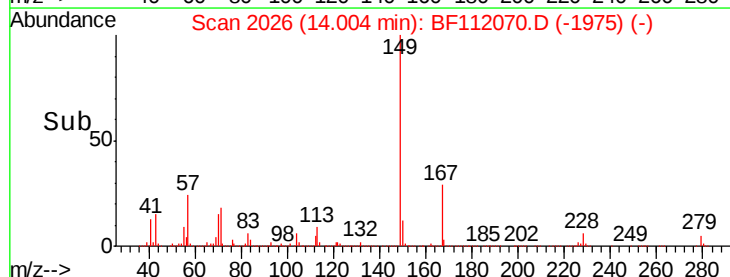
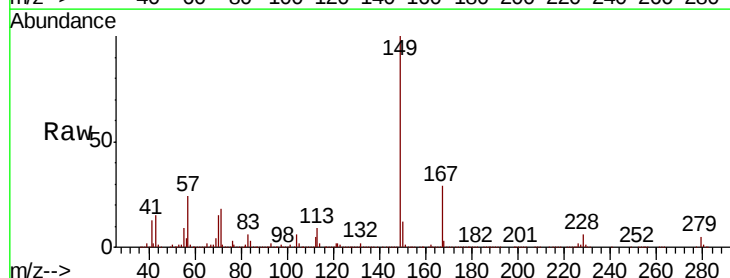
Manual Integrations
 APPROVED

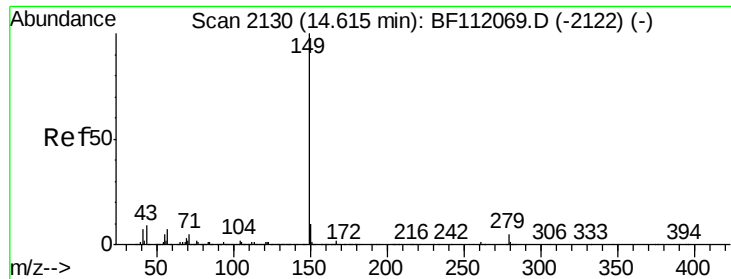
Sohil
 1/17/2019 2:07:56 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.966 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion: 149 Resp: 1697413
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.5 33.7
 279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 58.052 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2613093

Ion Ratio Lower Upper

149 100

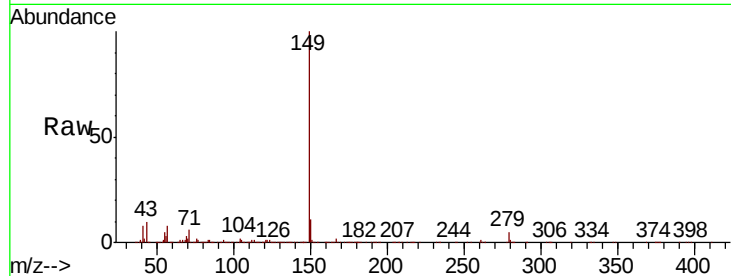
167 1.7 1.3 1.9

43 10.0 7.8 11.6

Manual Integrations
APPROVED

Sohil

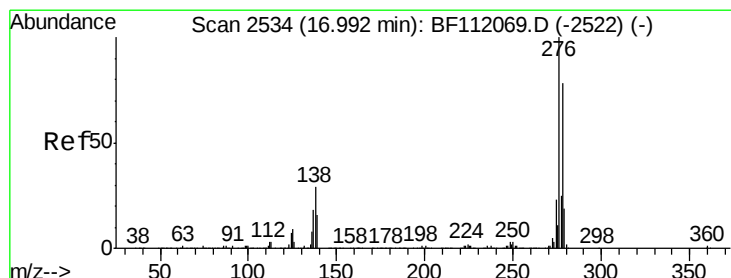
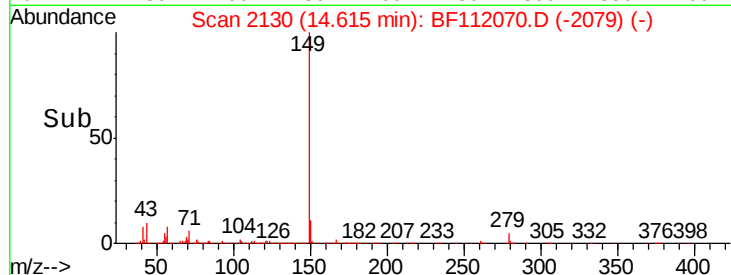
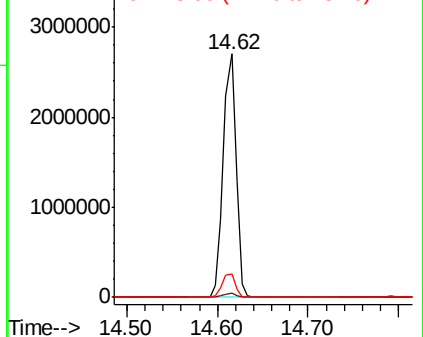
1/17/2019 2:07:56 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.719 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

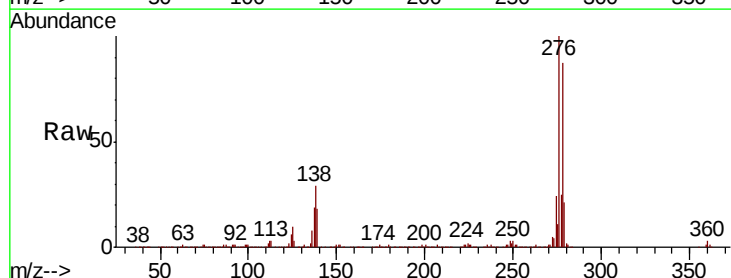
Tgt Ion:276 Resp: 1934072

Ion Ratio Lower Upper

276 100

138 28.0 22.6 34.0

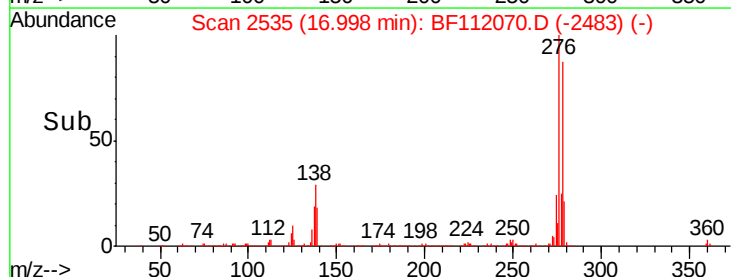
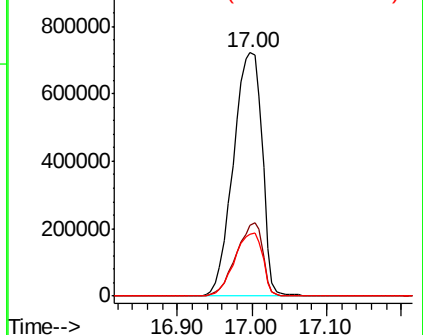
277 25.6 20.3 30.5

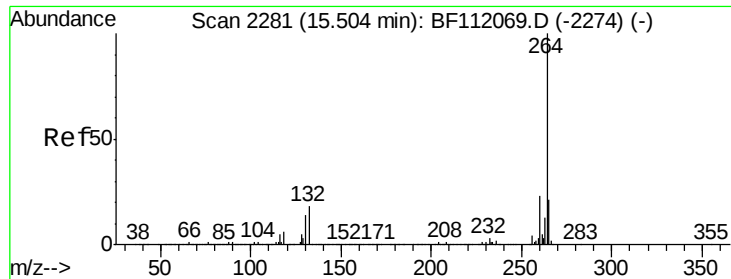


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





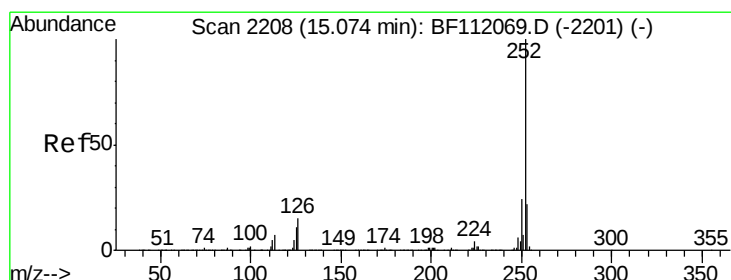
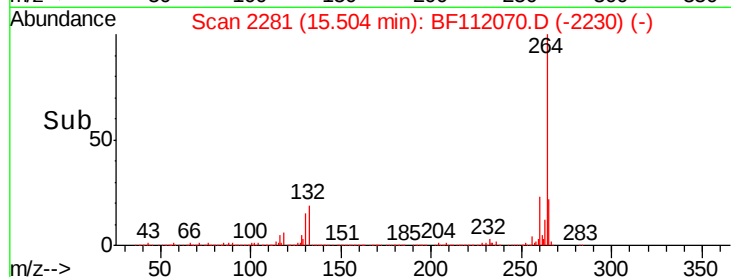
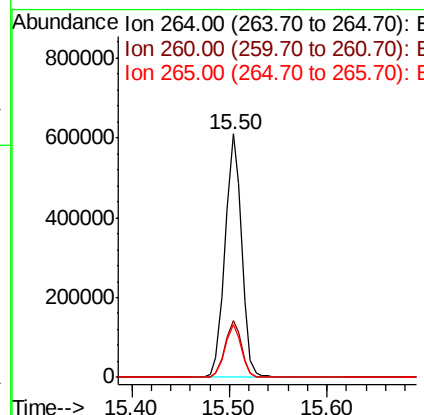
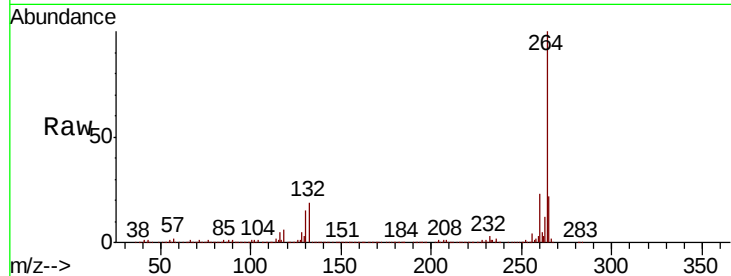
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.7	17.0	25.4

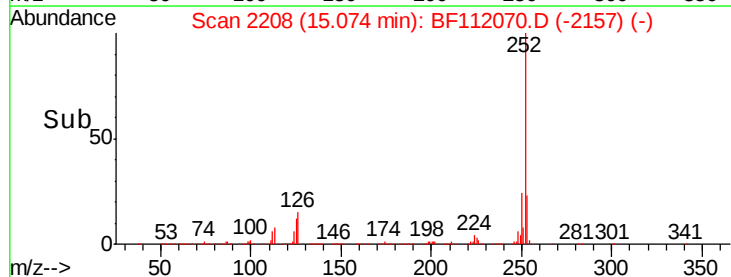
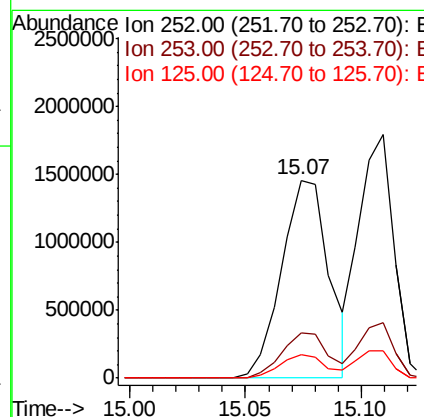
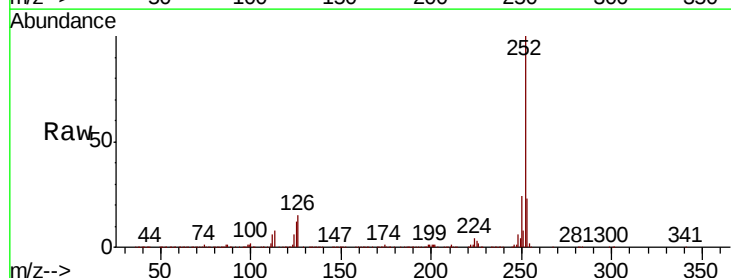
Manual Integrations
APPROVED

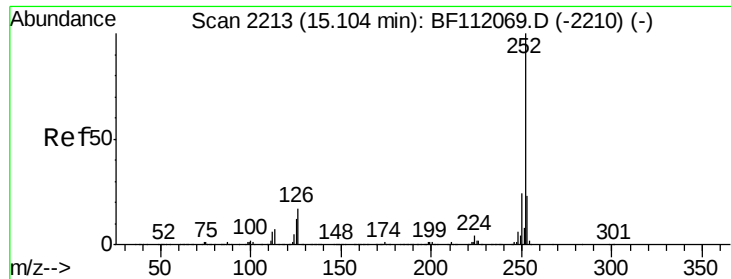
Sohil
1/17/2019 2:07:56 PM



#88
Benzo(b)fluoranthene
Concen: 48.646 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.6	8.7	13.1





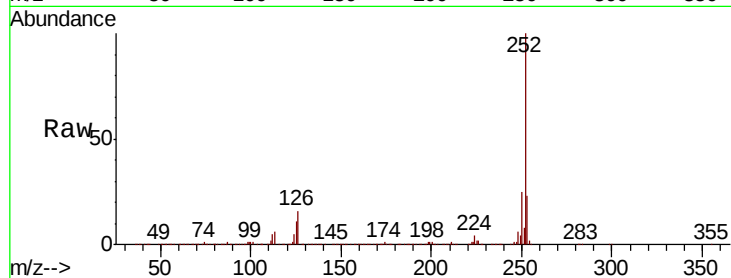
#89
Benzo(k)fluoranthene
Concen: 46.918 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

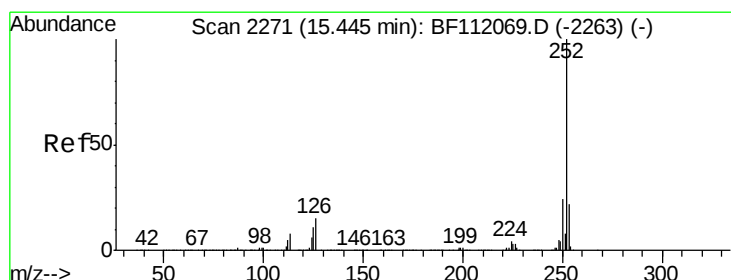
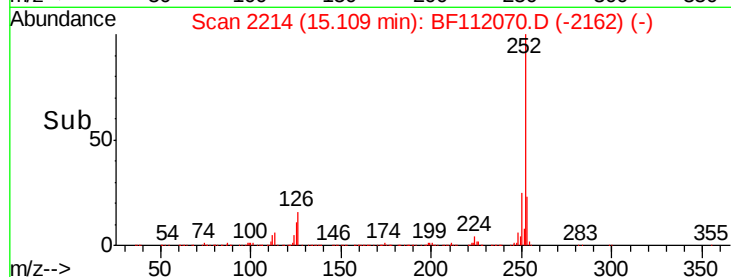
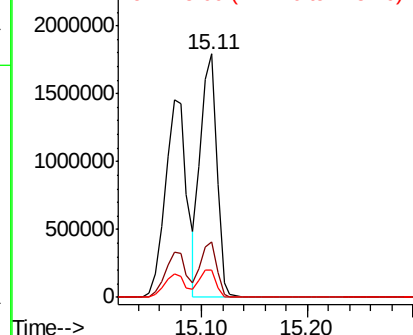
Tot Ion:252 Resp: 1890702
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.1 9.1 13.7

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:56 PM



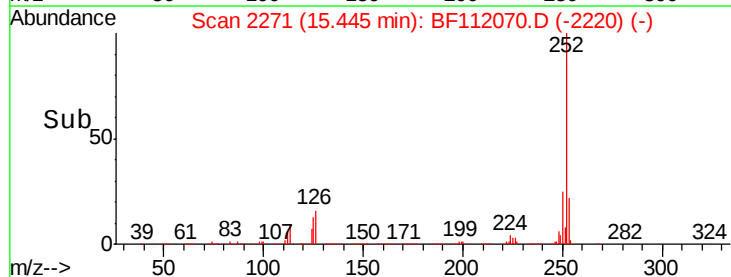
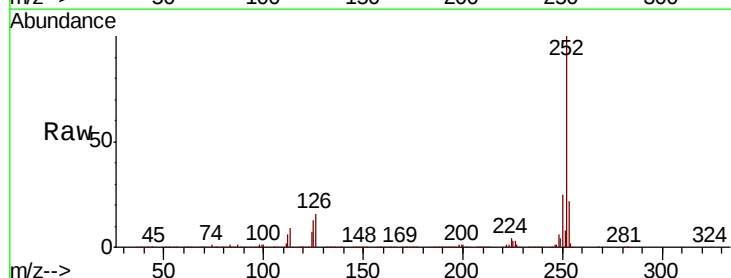
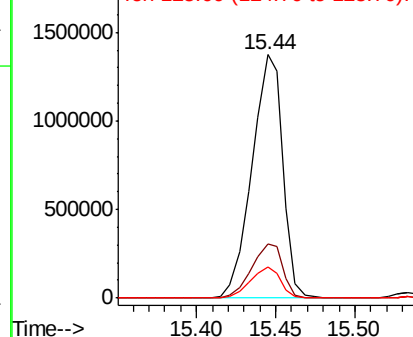
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

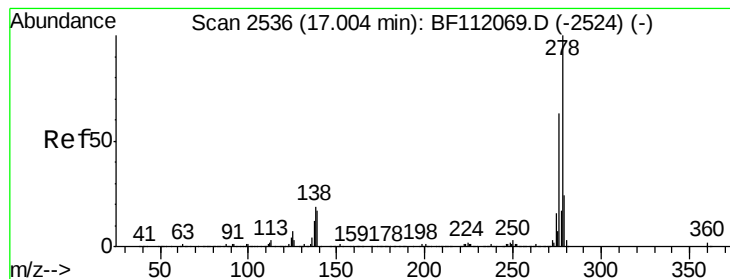


#90
Benzo(a)pyrene
Concen: 49.225 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:252 Resp: 1855538
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.8 9.0 13.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.885 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampled :

SSTDICC050

Tot Ion:278 Resp: 1603368

Ion Ratio Lower Upper

278 100

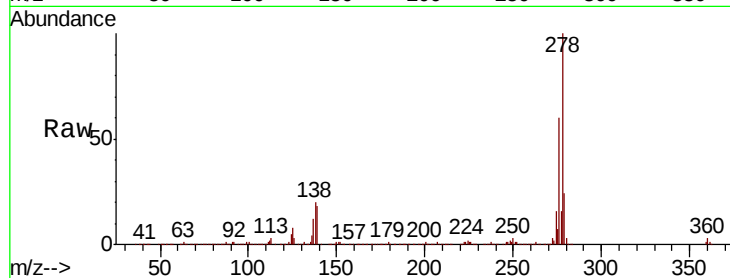
139 18.0 13.7 20.5

279 23.9 19.0 28.6

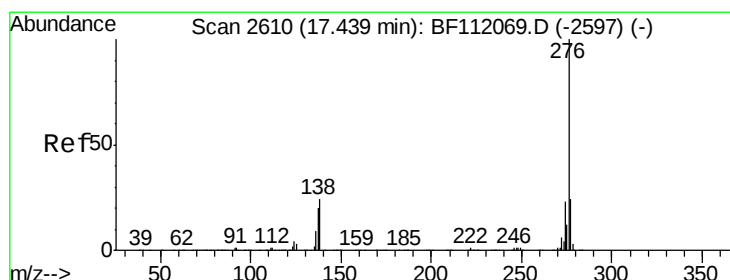
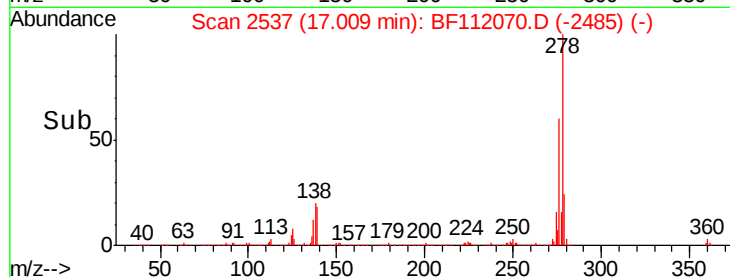
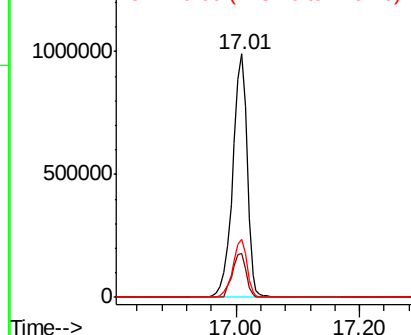
Manual Integrations
APPROVED

Sohil

1/17/2019 2:07:56 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.797 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

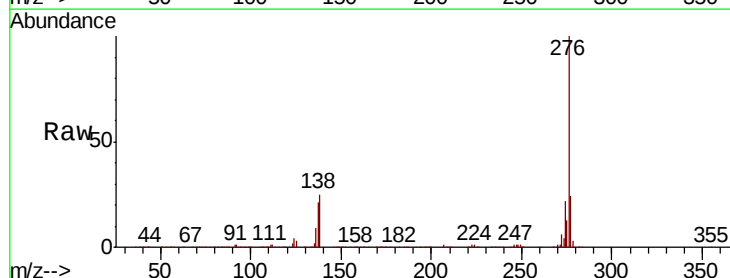
Tgt Ion:276 Resp: 1595286

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 24.7 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

