

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111817.D
 Acq On : 3 Jan 2019 13:26
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:56:31 AM

Quant Time: Jan 03 14:00:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	273264	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1023541	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	526002	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	989959	20.00	ng	0.01
76) Chrysene-d12	14.07	240	777018	20.00	ng	0.02
87) Perylene-d12	15.55	264	614519	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1176343	73.38	ng	0.02
7) Phenol-d6	6.55	99	1508766	73.95	ng	0.02
23) Nitrobenzene-d5	7.47	82	1416529	80.56	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	510776	82.18	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2565579	71.09	ng	0.00
79) Terphenyl-d14	13.01	244	2884184	70.39	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	260010	34.472	ng	95
3) Pyridine	3.46	79	646025	32.875	ng	98
4) n-Nitrosodimethylamine	3.41	42	306658m	31.887	ng	
6) Aniline	6.57	93	932061	35.839	ng	99
8) 2-Chlorophenol	6.70	128	671662	37.821	ng	95
9) Benzaldehyde	6.45	77	466997	33.281	ng	98
10) Phenol	6.56	94	826919	35.921	ng	# 75
11) bis(2-Chloroethyl)ether	6.63	93	662774	38.421	ng	96
12) 1,3-Dichlorobenzene	6.85	146	781430	37.969	ng	99
13) 1,4-Dichlorobenzene	6.92	146	790268	37.862	ng	97
14) 1,2-Dichlorobenzene	7.07	146	736393	37.815	ng	99
15) Benzyl Alcohol	7.05	79	598025	36.907	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1116795	35.152	ng	87
17) 2-Methylphenol	7.16	107	525687	36.968	ng	93
18) Hexachloroethane	7.42	117	274038	38.961	ng	# 89
19) n-Nitroso-di-n-propylamine	7.32	70	481762	35.555	ng	97
20) 3+4-Methylphenols	7.32	107	647726	36.049	ng	# 88
22) Acetophenone	7.31	105	921792	35.549	ng	# 93
24) Nitrobenzene	7.49	77	722066	39.179	ng	95
25) Isophorone	7.72	82	1137241	36.430	ng	99
26) 2-Nitrophenol	7.80	139	367909	49.221	ng	95
27) 2,4-Dimethylphenol	7.84	122	529950	35.967	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	792756	38.162	ng	97
29) 2,4-Dichlorophenol	8.05	162	597684	37.713	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	659563	37.347	ng	98
31) Naphthalene	8.21	128	1811898	36.842	ng	98
32) Benzoic acid	7.96	122	307800	31.595	ng	97
33) 4-Chloroaniline	8.25	127	801769	37.719	ng	100
34) Hexachlorobutadiene	8.33	225	407608	37.869	ng	99
35) Caprolactam	8.63	113	203011	37.803	ng	90
36) 4-Chloro-3-methylphenol	8.74	107	583106	37.430	ng	99
37) 2-Methylnaphthalene	8.90	142	1202031	37.568	ng	99
38) 1-Methylnaphthalene	9.00	142	1158127	37.687	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	651336	37.684	ng	# 97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111817.D
 Acq On : 3 Jan 2019 13:26
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

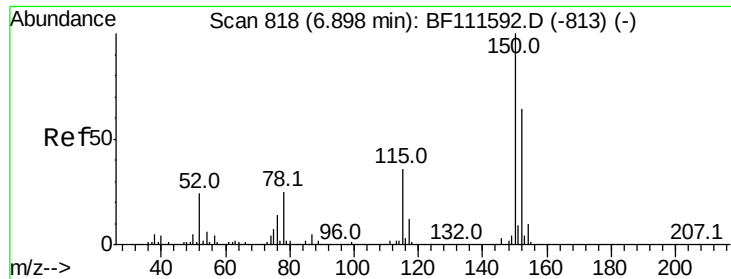
Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:56:31 AM

Quant Time: Jan 03 14:00:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	391346	46.658	nq	99
43) 2,4,6-Trichlorophenol	9.18	196	437041	37.872	nq	98
44) 2,4,5-Trichlorophenol	9.22	196	459753	38.835	nq	93
46) 1,1'-Biphenyl	9.36	154	1639551	36.925	nq	95
47) 2-Chloronaphthalene	9.39	162	1285474	36.540	nq	96
48) 2-Nitroaniline	9.48	65	402273	43.955	nq	94
49) Acenaphthylene	9.80	152	1889050	36.777	nq	96
50) Dimethylphthalate	9.66	163	1456941	37.877	nq	99
51) 2,6-Dinitrotoluene	9.72	165	336274	43.843	nq	97
52) Acenaphthene	9.97	154	1202172	37.948	nq	98
53) 3-Nitroaniline	9.89	138	365883	44.730	nq	94
54) 2,4-Dinitrophenol	9.99	184	140031	59.001	nq	90
55) Dibenzofuran	10.15	168	1764992	36.877	nq	92
56) 4-Nitrophenol	10.06	139	268702	43.044	nq	96
57) 2,4-Dinitrotoluene	10.12	165	440081	47.741	nq	# 98
58) Fluorene	10.49	166	1279149	37.089	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	391603	39.305	nq	# 87
60) Diethylphthalate	10.36	149	1399791	37.099	nq	98
61) 4-Chlorophenyl-phenylether	10.48	204	724713	38.034	nq	89
62) 4-Nitroaniline	10.50	138	357663	44.988	nq	94
63) Azobenzene	10.64	77	1390518	36.709	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	220765	53.127	nq	87
66) n-Nitrosodiphenylamine	10.60	169	1227287	36.932	nq	99
67) 4-Bromophenyl-phenylether	10.97	248	476655	38.820	nq	92
68) Hexachlorobenzene	11.05	284	532164	38.871	nq	# 91
69) Atrazine	11.12	200	432809	37.490	nq	97
70) Pentachlorophenol	11.24	266	305422	36.086	nq	95
71) Phenanthrene	11.45	178	1921013	36.590	nq	96
72) Anthracene	11.50	178	1941354	36.840	nq	97
73) Carbazole	11.66	167	1872617	36.602	nq	97
74) Di-n-butylphthalate	11.98	149	2127879	37.095	nq	97
75) Fluoranthene	12.64	202	1937992	36.452	nq	98
77) Benzidine	12.76	184	984732	33.679	nq	99
78) Pyrene	12.87	202	1992991	36.321	nq	98
80) Butylbenzylphthalate	13.48	149	855250	38.237	nq	89
81) Benzo(a)anthracene	14.06	228	1675200	37.777	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	649830	37.089	nq	# 98
83) Chrysene	14.10	228	1570514	36.035	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1155779	41.023	nq	# 100
85) Di-n-octyl phthalate	14.65	149	1660663	38.044	nq	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	1281737	34.594	nq	# 89
88) Benzo(b)fluoranthene	15.12	252	1323190	36.842	nq	# 96
89) Benzo(k)fluoranthene	15.14	252	1336771	39.096	nq	# 97
90) Benzo(a)pyrene	15.49	252	1230464	37.711	nq	# 95
91) Dibenzo(a,h)anthracene	17.07	278	1067362	37.356	nq	# 93
92) Benzo(g,h,i)perylene	17.51	276	1055942	37.847	nq	# 89

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



#1

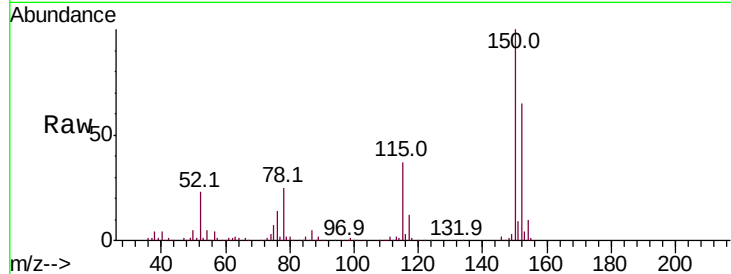
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	57.7	50.7	76.1

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM

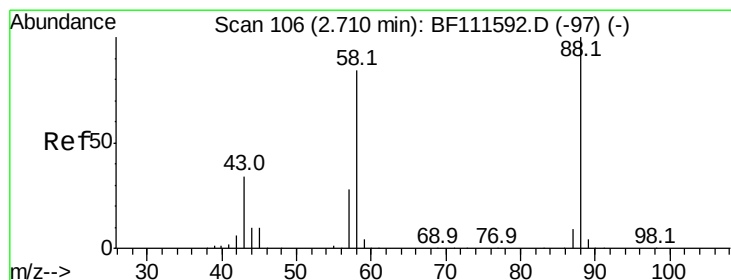
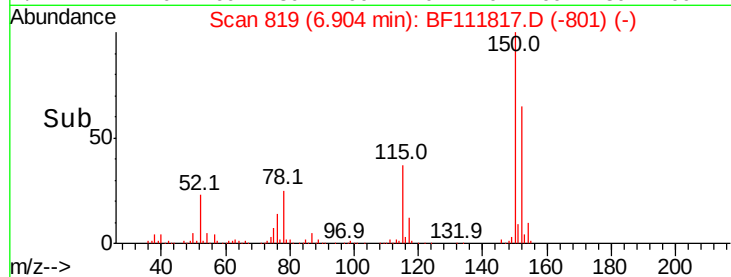
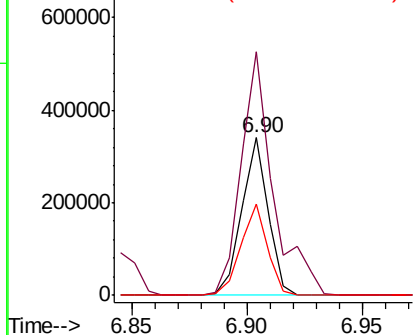


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

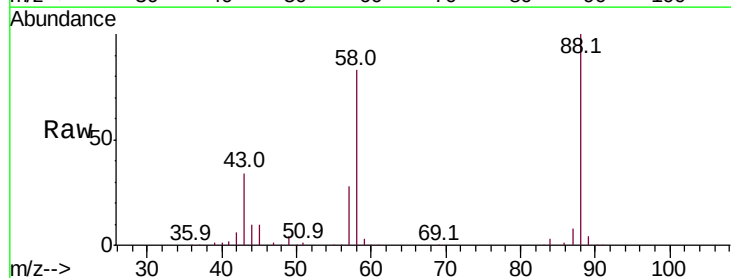
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.472 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	68.9	103.3
43	34.1	25.8	38.6

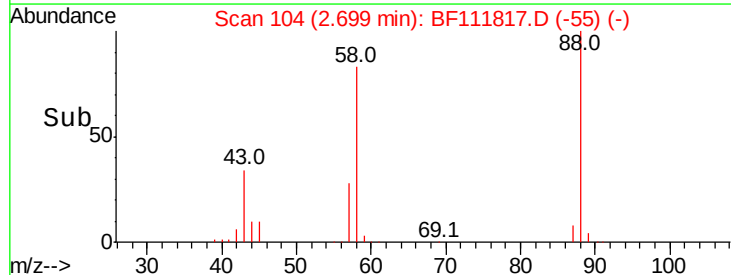
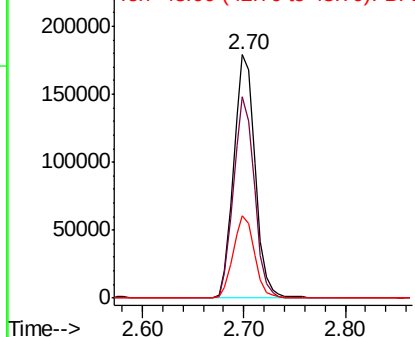


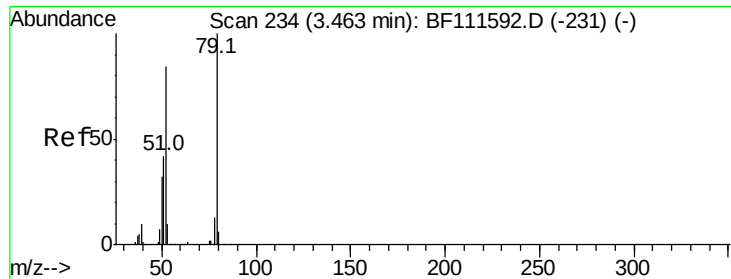
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.875 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.00 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

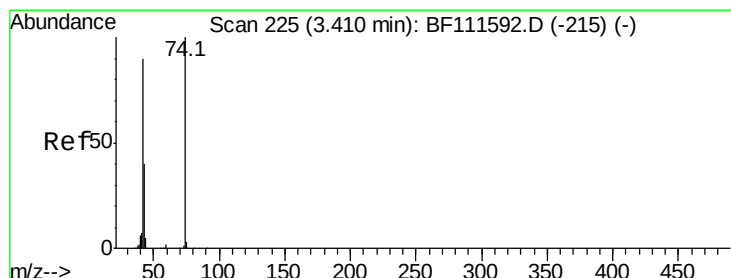
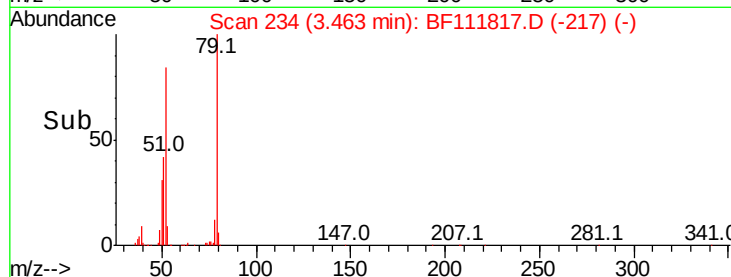
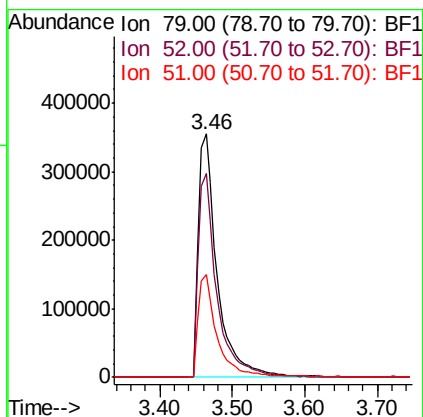
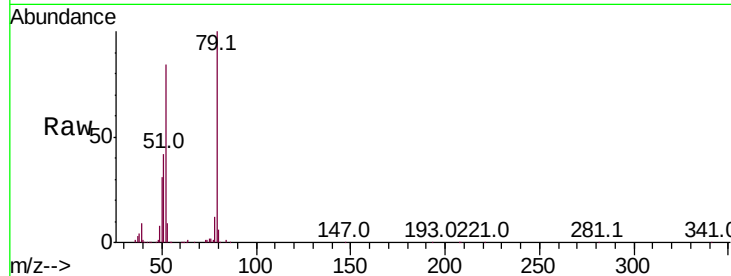
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	646025
Ion Ratio	Lower	Upper	
79	100		
52	83.5	68.3	102.5
51	42.1	32.6	49.0

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



#4

n-Nitrosodimethylamine

Concen: 31.887 ng m

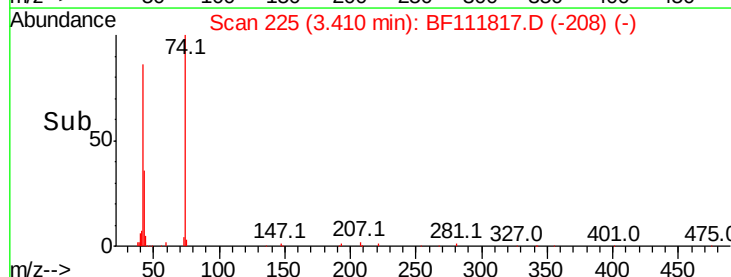
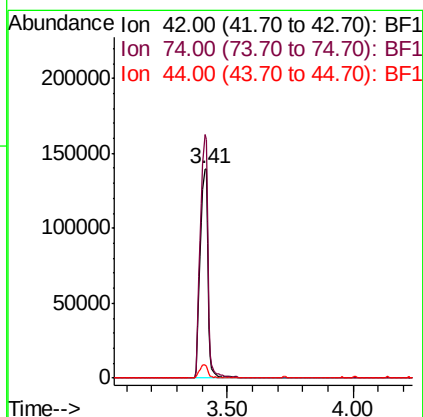
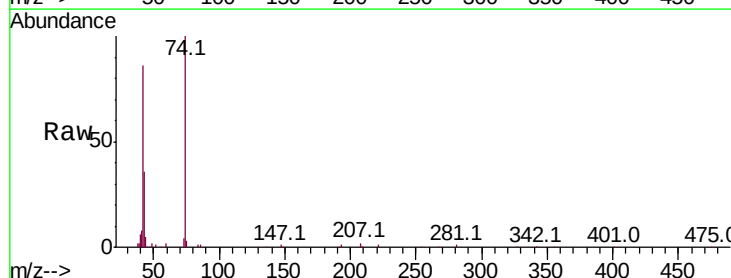
RT: 3.41 min Scan# 225

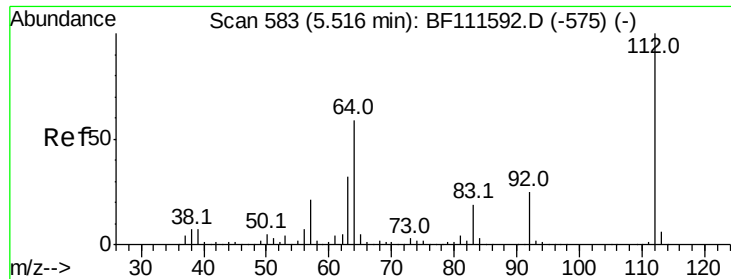
Delta R.T. -0.00 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Tgt Ion:	42	Resp:	306658
Ion Ratio	Lower	Upper	
42	100		
74	116.3	101.5	152.3
44	6.2	6.0	9.0





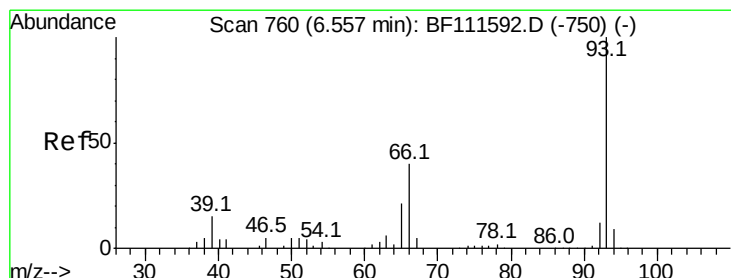
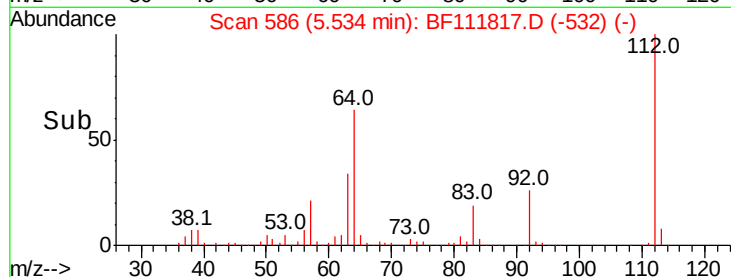
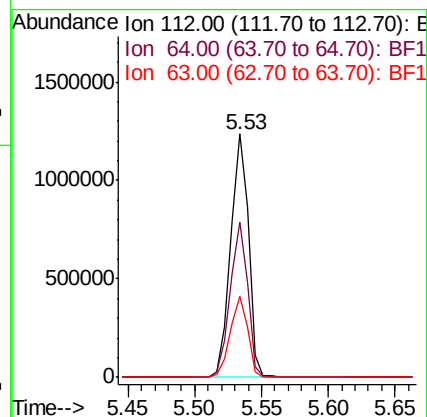
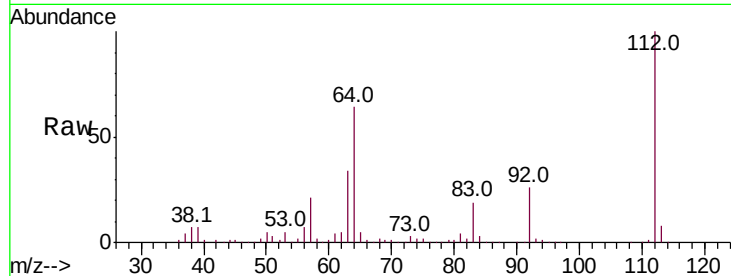
#5
2-Fluorophenol
Concen: 73.377 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	64.0	51.8	77.6
63	33.5	26.8	40.2

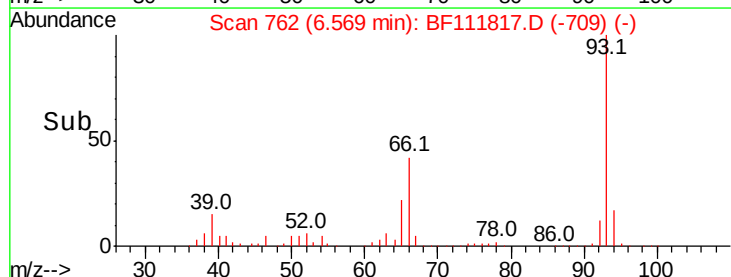
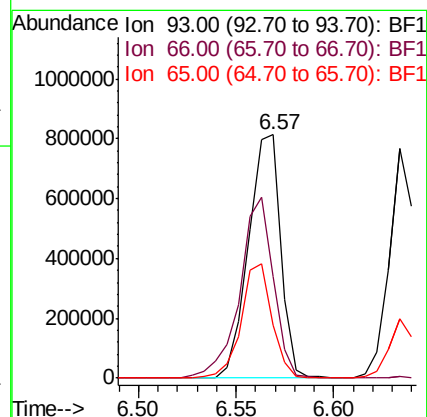
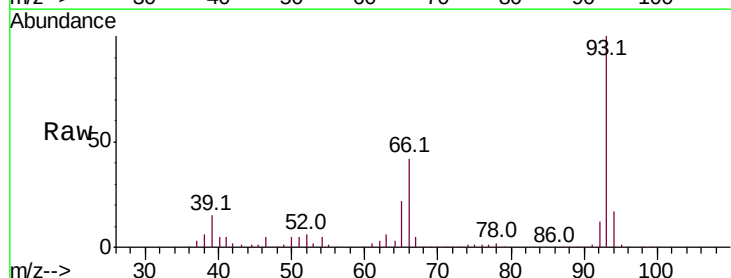
Manual Integrations
APPROVED

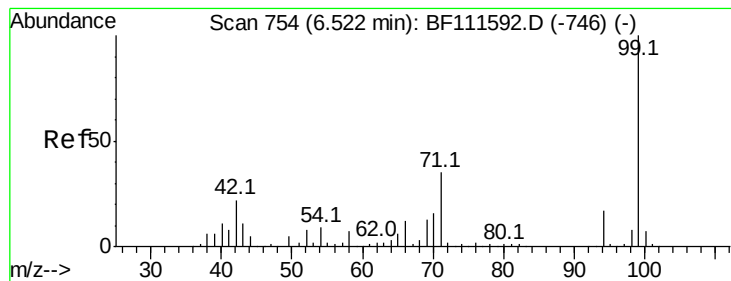
Sohil
1/4/2019 9:56:31 AM



#6
Aniline
Concen: 35.839 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.7	33.2	49.8
65	21.9	17.0	25.4





#7

Phenol-d6

Concen: 73.950 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1508766

Ion Ratio Lower Upper

99 100

42 21.5 17.4 26.0

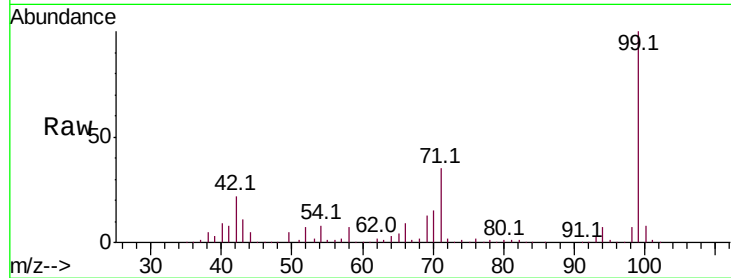
71 34.6 26.1 39.1

Manual Integrations

APPROVED

Sohil

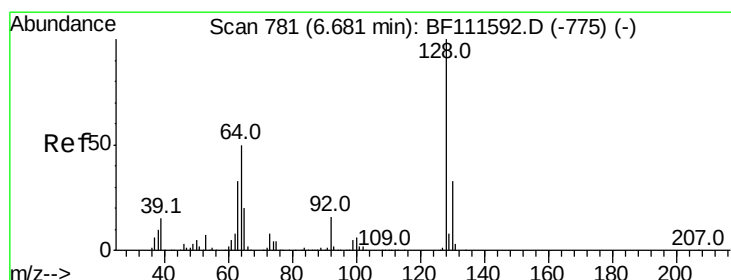
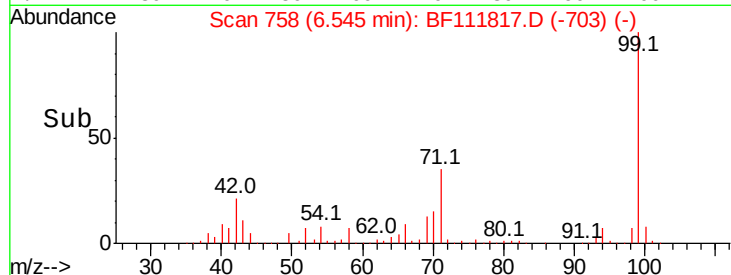
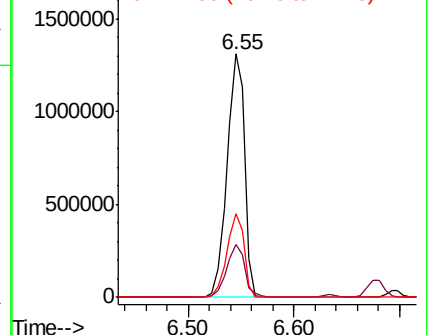
1/4/2019 9:56:31 AM



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: 37.821 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

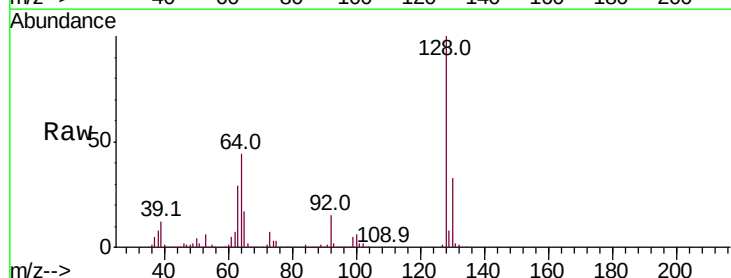
Tgt Ion:128 Resp: 671662

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

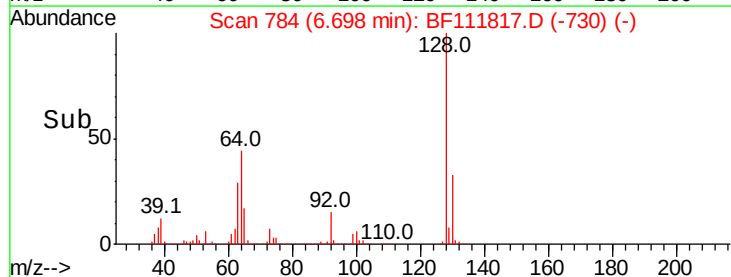
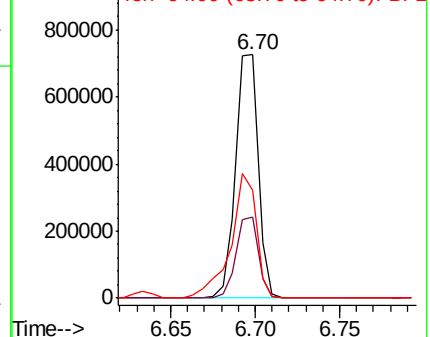
64 44.1 30.0 70.0

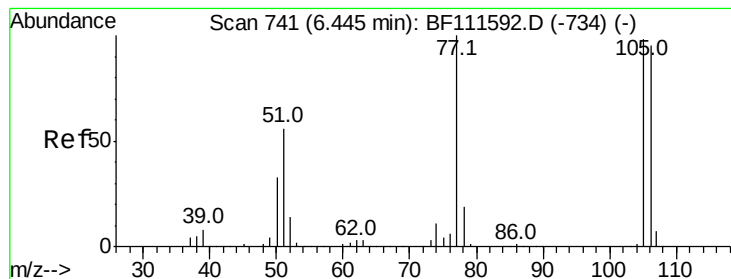


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.281 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

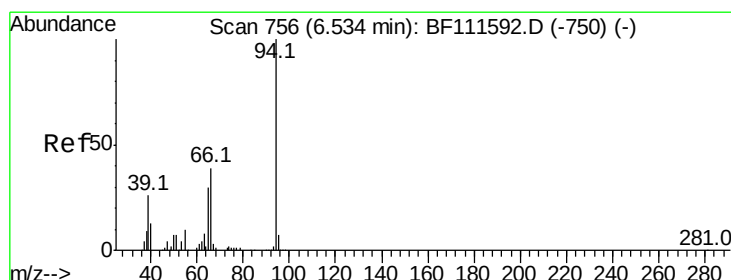
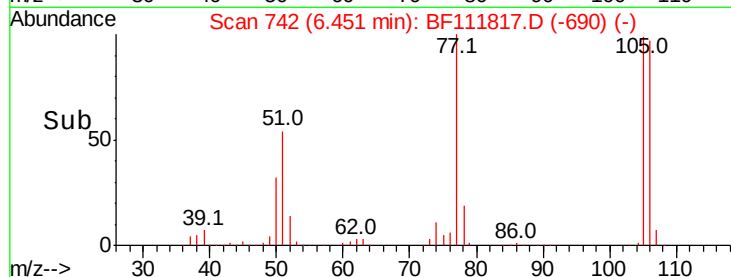
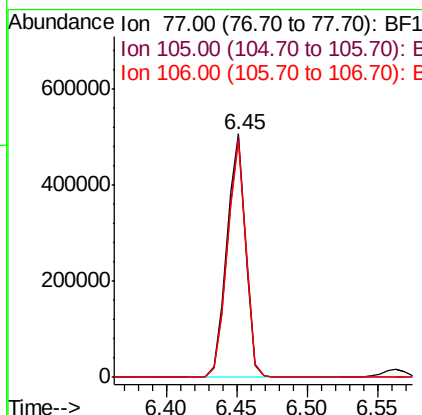
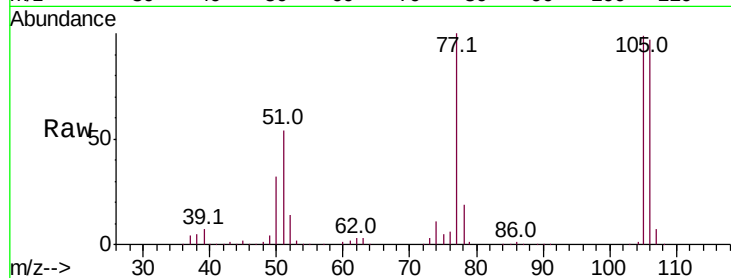
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	466997
Ion Ratio	Lower	Upper	
77	100		
105	99.2	81.4	121.4
106	97.0	77.9	117.9

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



#10

Phenol

Concen: 35.921 ng

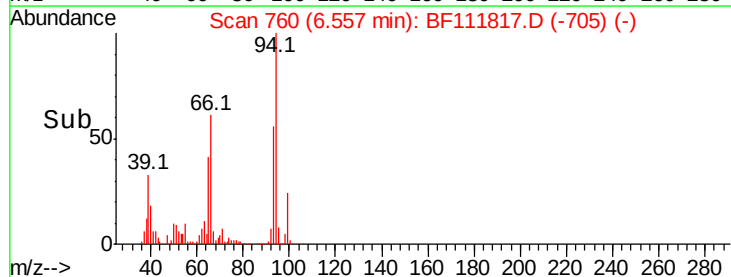
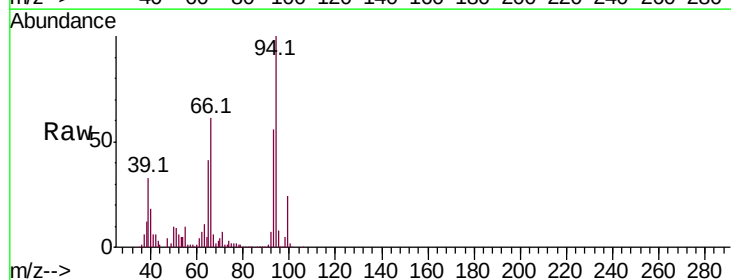
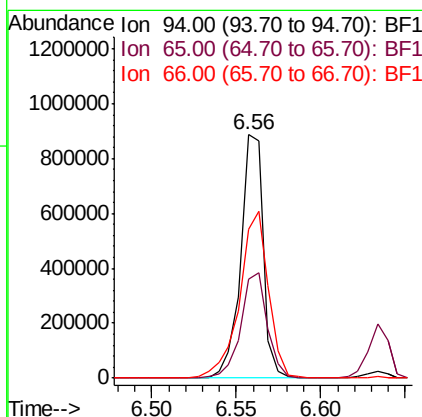
RT: 6.56 min Scan# 760

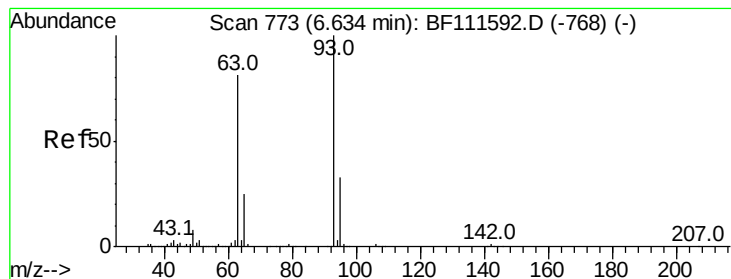
Delta R.T. 0.02 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Tgt Ion:	94	Resp:	826919
Ion Ratio	Lower	Upper	
94	100		
65	40.7	11.7	51.7
66	61.1	21.0	61.0#





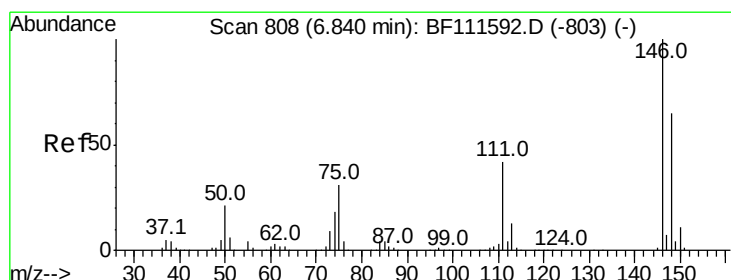
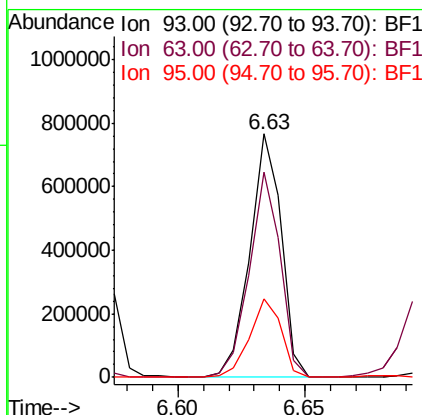
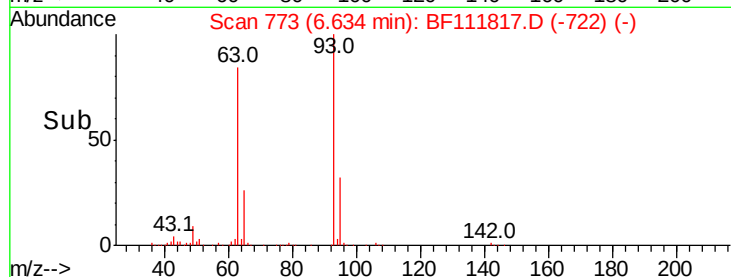
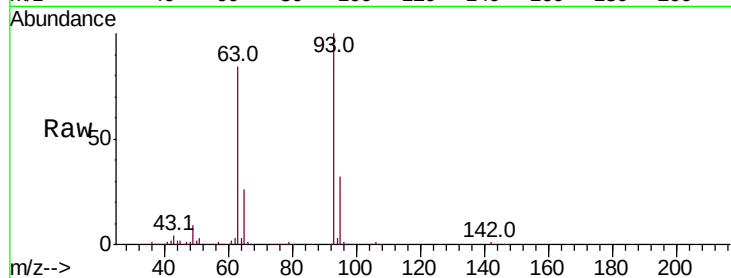
#11
bis(2-Chloroethyl)ether
Concen: 38.421 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.1	60.0	100.0
95	32.2	13.4	53.4

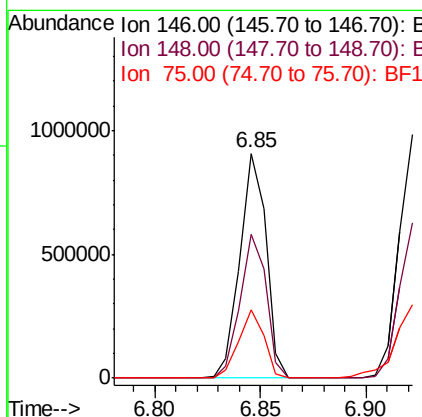
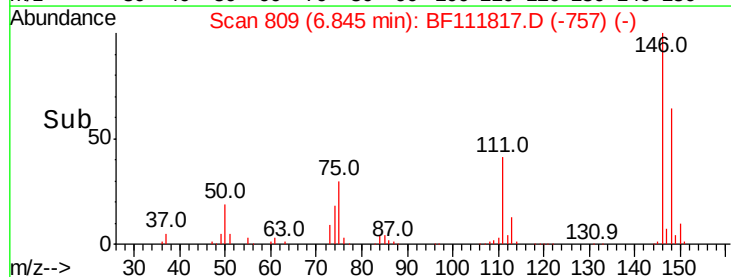
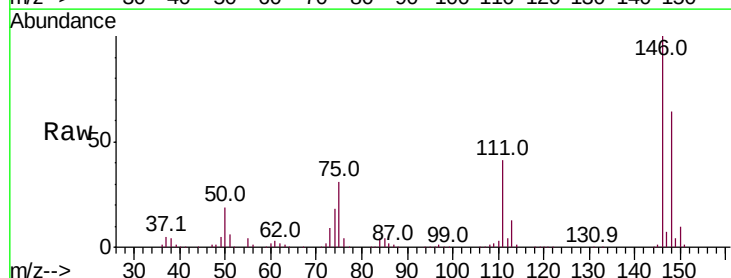
Manual Integrations
APPROVED

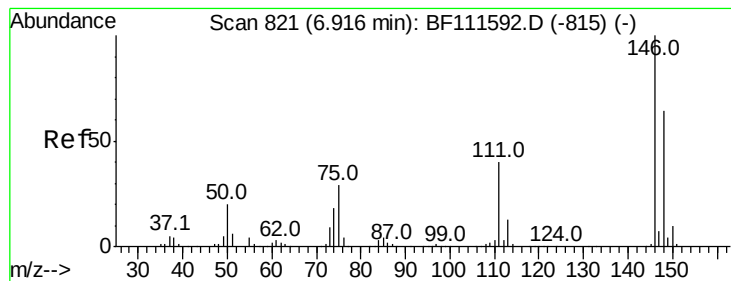
Sohil
1/4/2019 9:56:31 AM



#12
1,3-Dichlorobenzene
Concen: 37.969 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
75	30.6	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 37.862 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

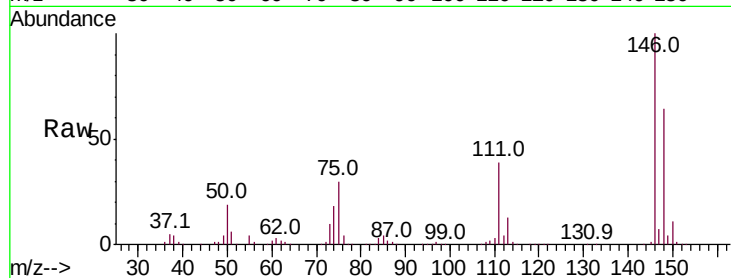
ClientSampleId :

SSTDCCC040

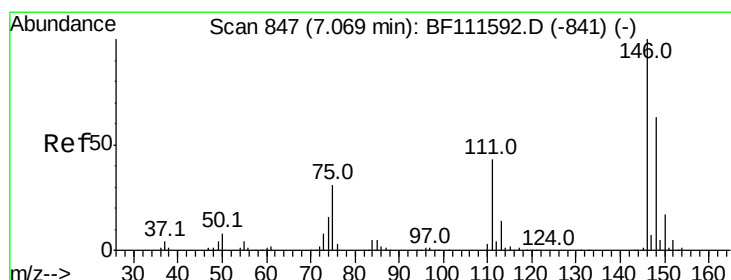
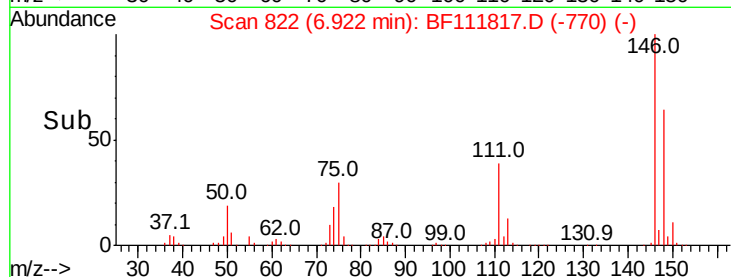
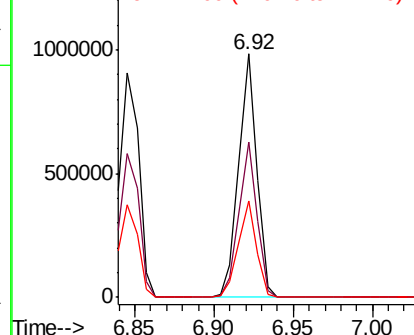
Tot Ion:	146	Resp:	790268
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.8	79.2
111	39.4	33.4	50.0

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



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: 37.815 ng

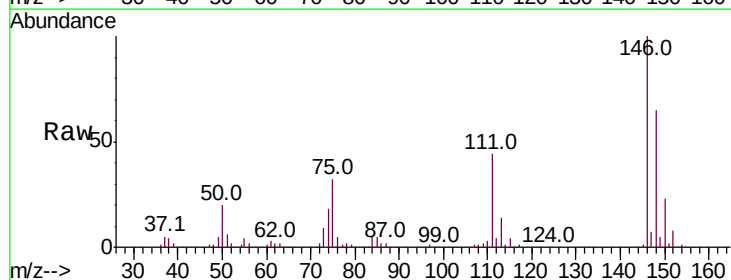
RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

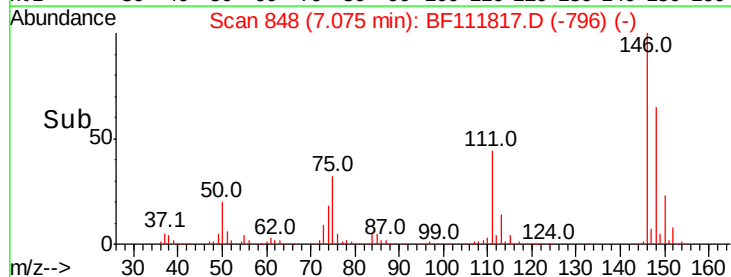
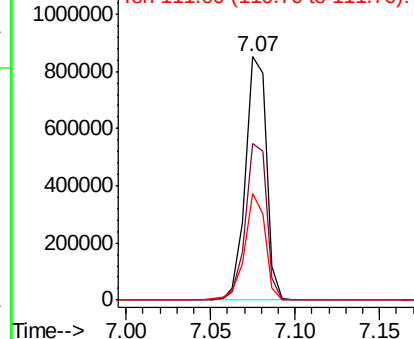
Lab File: BF111817.D

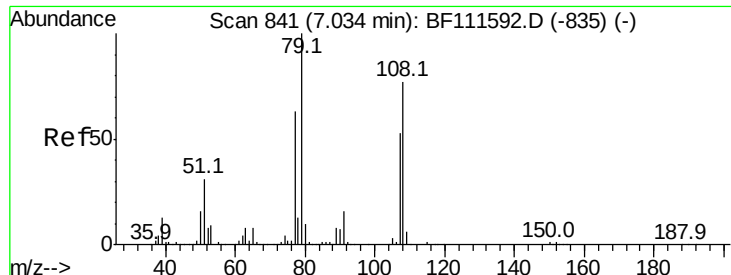
Acq: 3 Jan 2019 13:26

Tgt Ion:	146	Resp:	736393
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.9	77.9
111	43.9	36.2	54.4



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





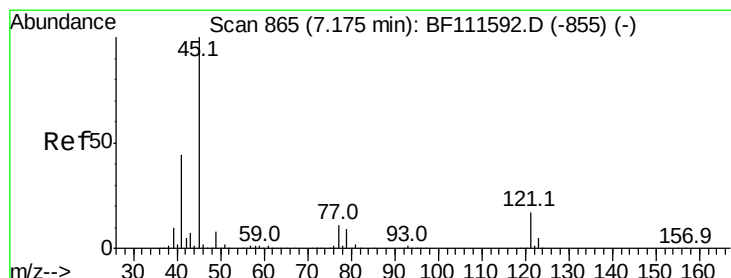
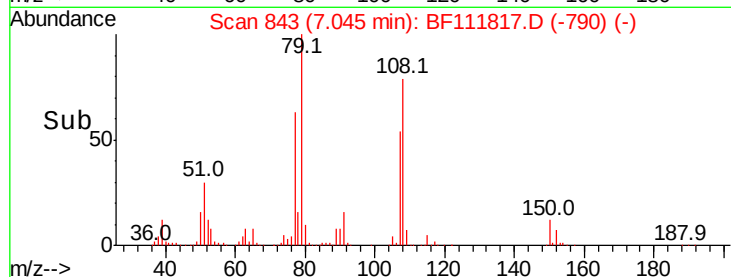
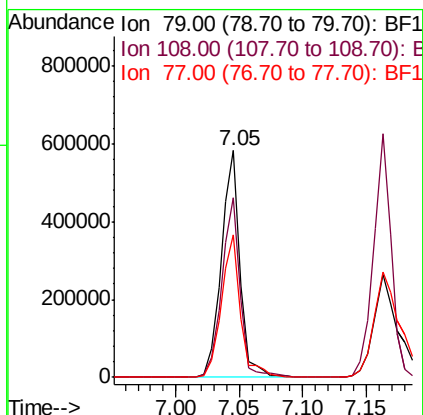
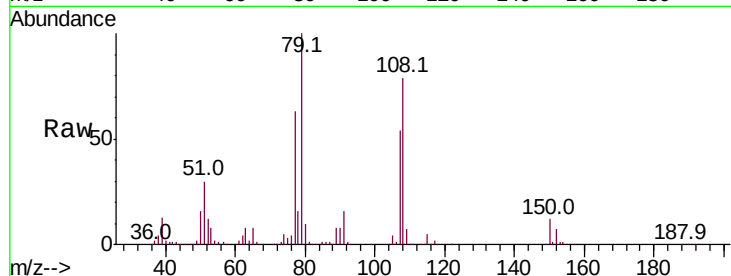
#15
Benzyl Alcohol
Concen: 36.907 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	69.4	104.2
77	63.0	49.7	74.5

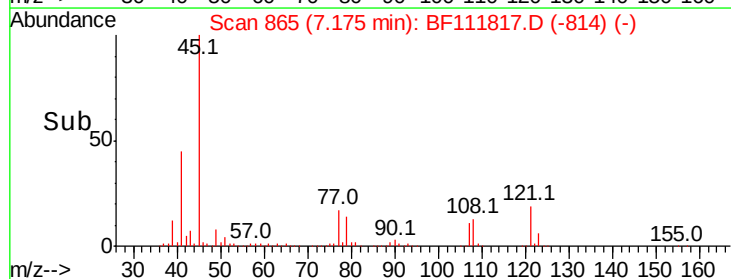
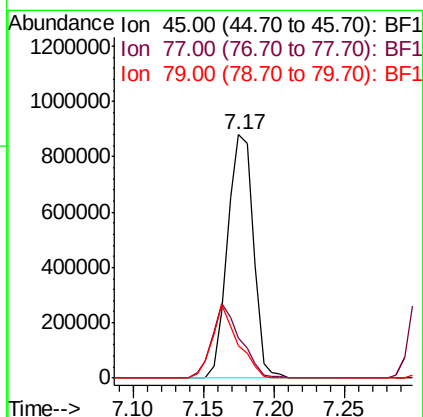
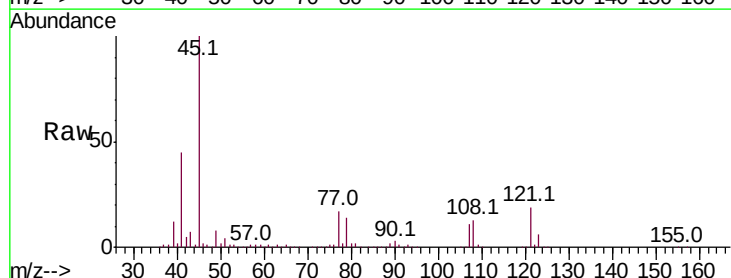
Manual Integrations
APPROVED

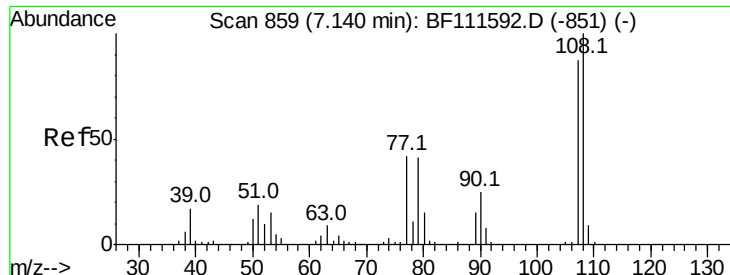
Sohil
1/4/2019 9:56:31 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.152 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	31.5
79	13.5	0.0	28.9





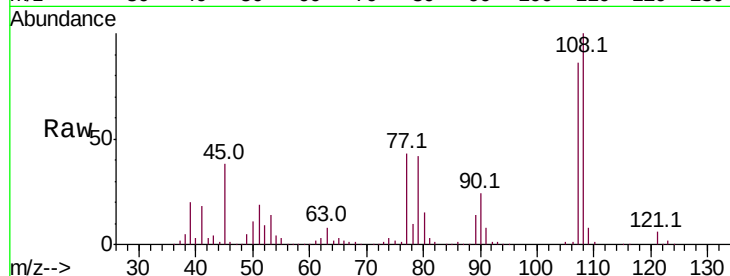
#17
2-Methylphenol
Concen: 36.968 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.3	91.0	136.4	
77	50.1	33.5	50.3	
79	49.3	33.3	49.9	

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



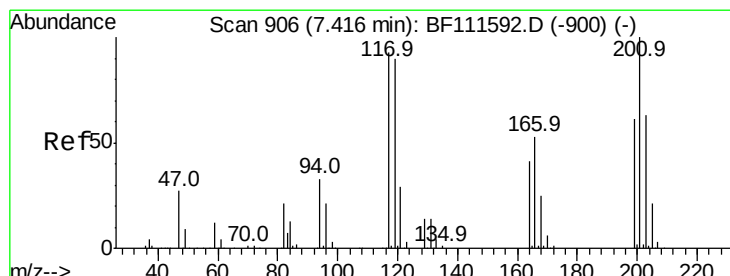
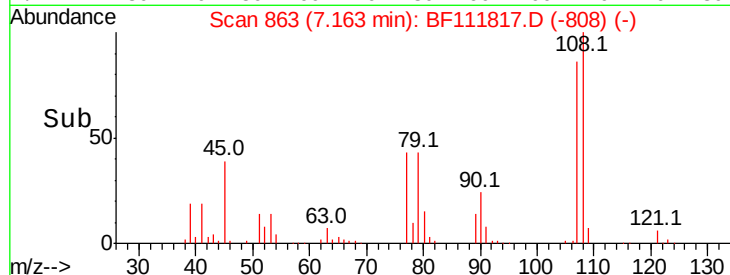
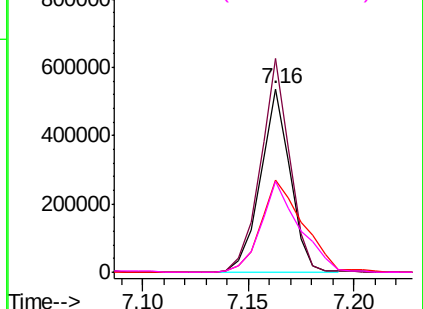
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

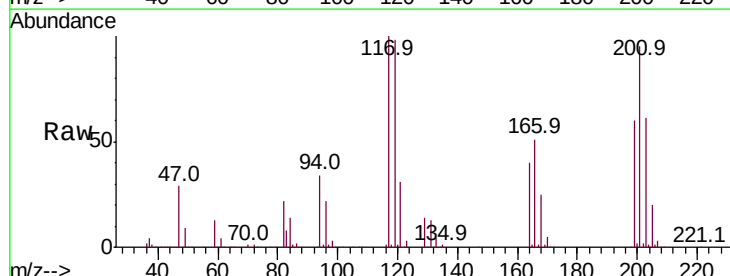
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.961 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	75.4	113.0	
201	95.3	62.4	93.6#	

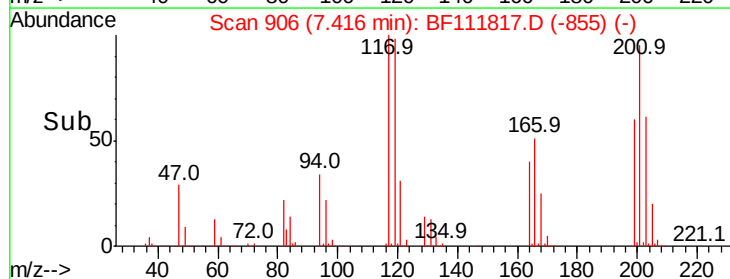
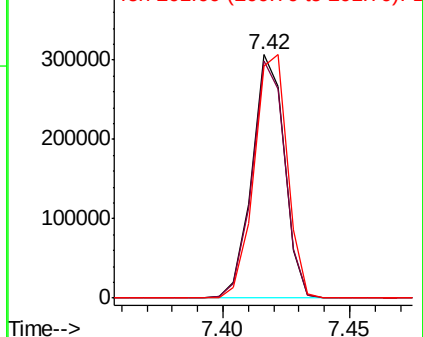


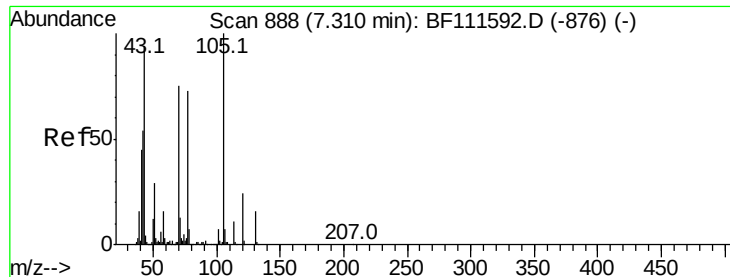
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





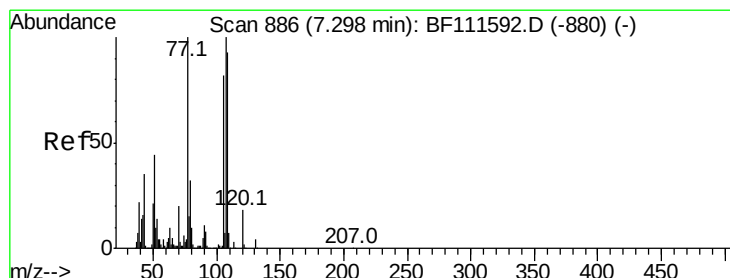
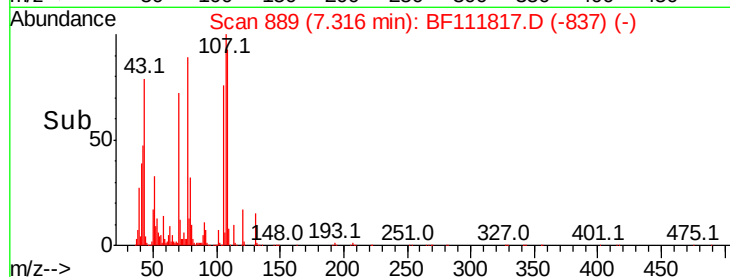
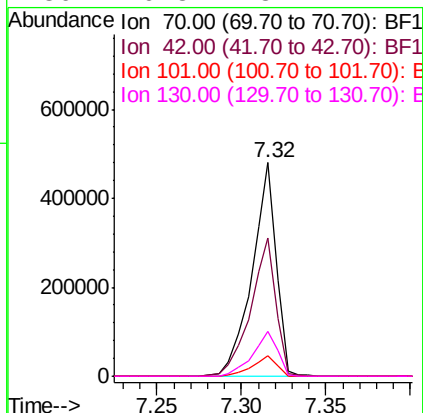
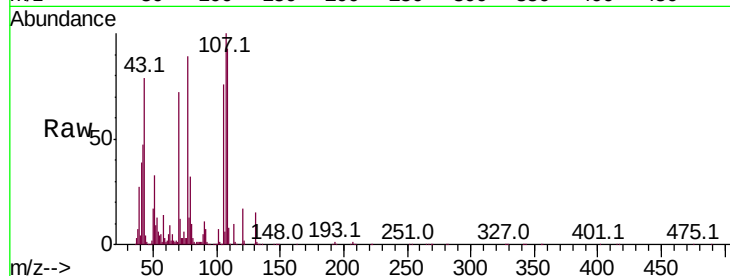
#19
n-Nitroso-di-n-propylamine
Concen: 35.555 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.5	53.2	79.8	
101	9.8	8.2	12.4	
130	20.8	18.1	27.1	

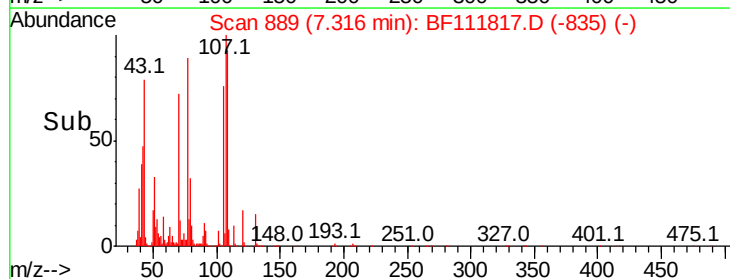
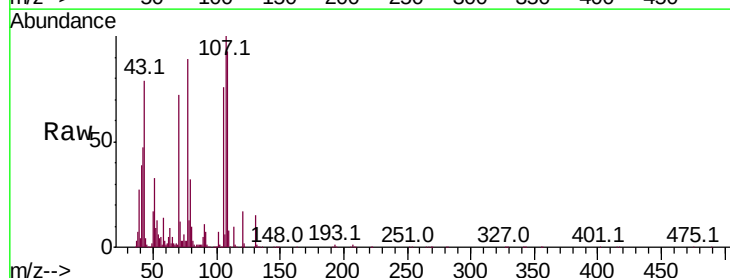
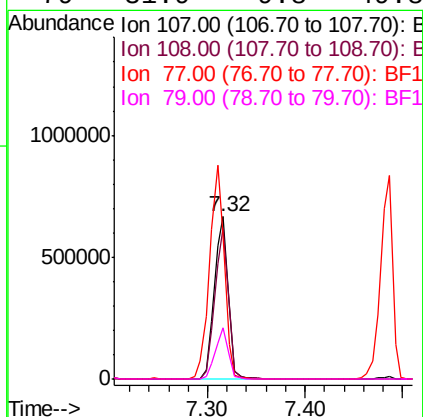
Manual Integrations
APPROVED

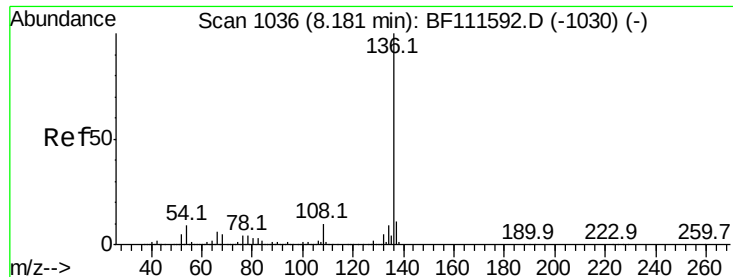
Sohil
1/4/2019 9:56:31 AM



#20
3+4-Methylphenols
Concen: 36.049 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.1	72.1	112.1	
77	88.6	94.1	134.1#	
79	31.9	9.8	49.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

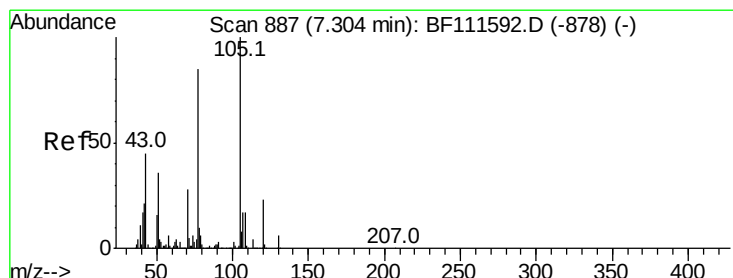
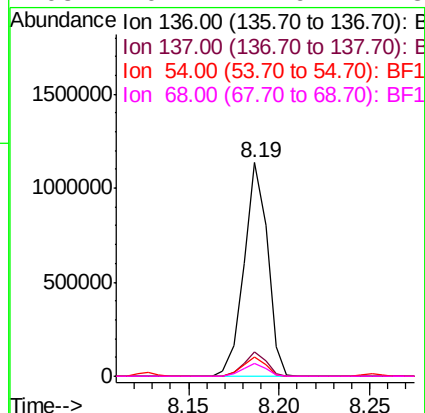
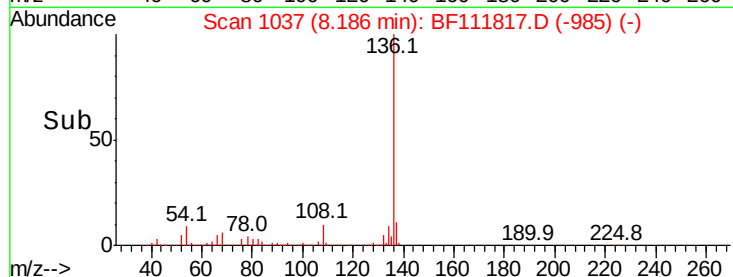
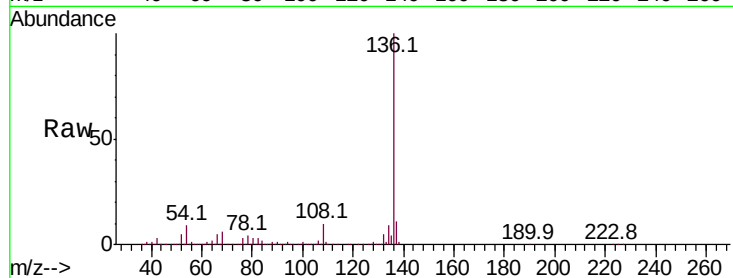
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.2	7.7	11.5
68	6.2	4.9	7.3

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



#22

Acetophenone

Concen: 35.549 ng

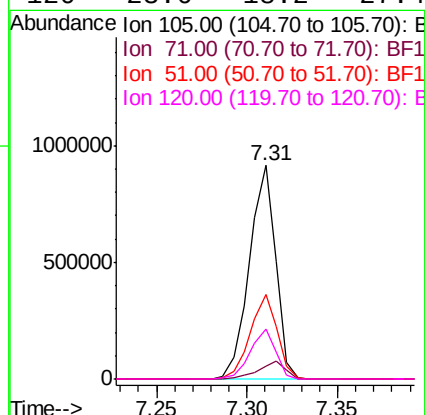
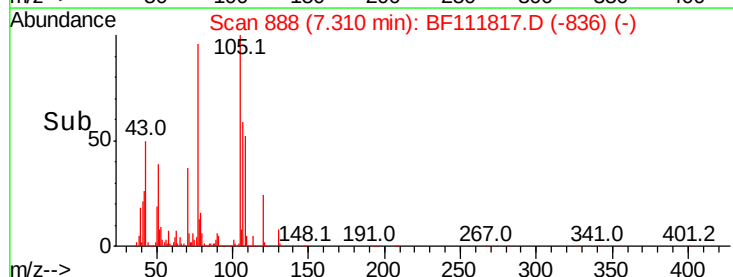
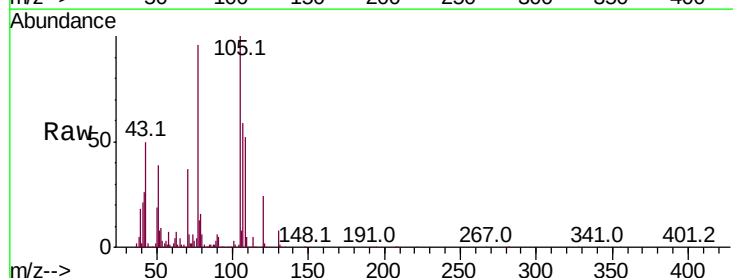
RT: 7.31 min Scan# 888

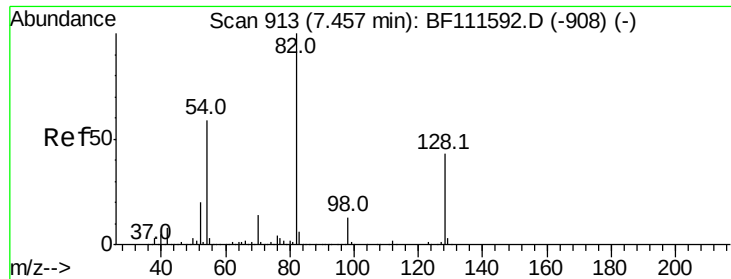
Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.2	3.1	4.7#
51	39.4	36.6	54.8
120	23.6	18.2	27.4





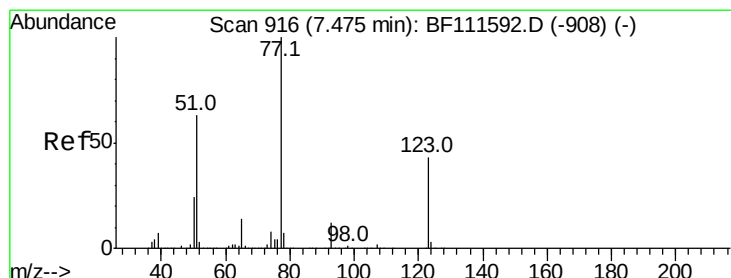
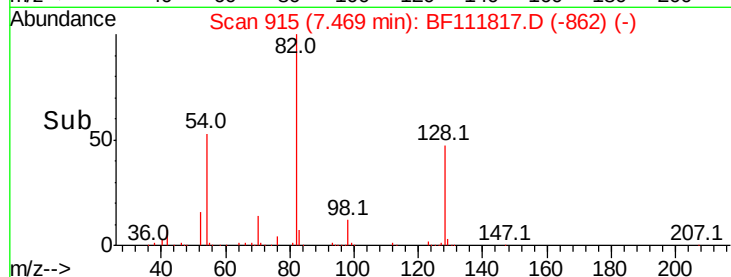
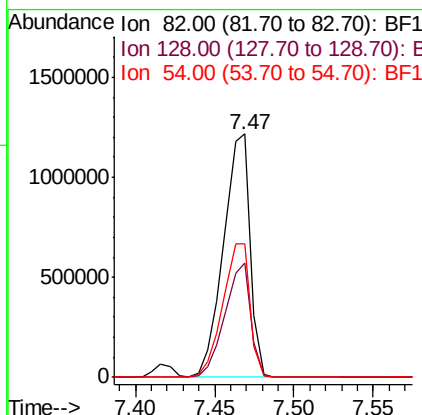
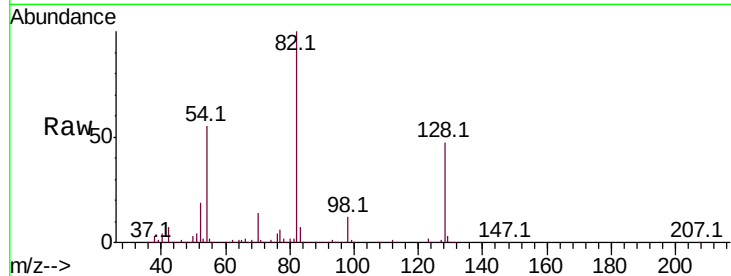
#23
 Nitrobenzene-d5
 Concen: 80.557 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1416529
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.4 56.2
 54 54.8 47.6 71.4

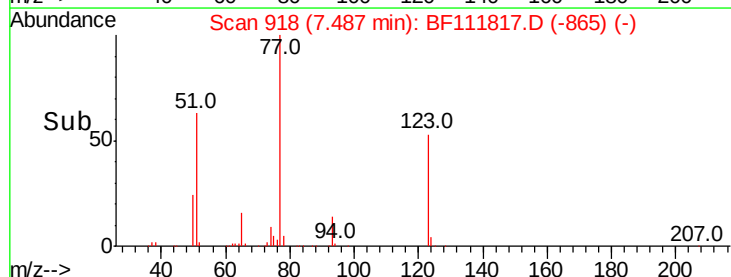
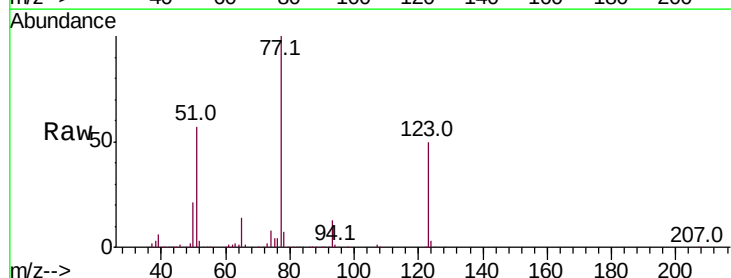
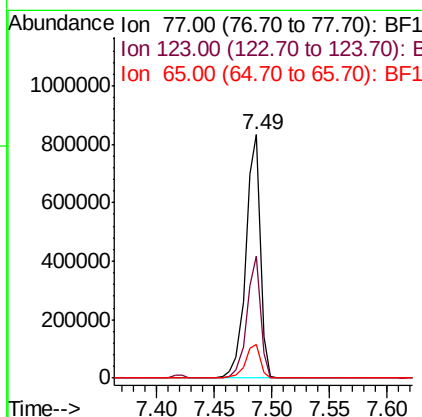
Manual Integrations
 APPROVED

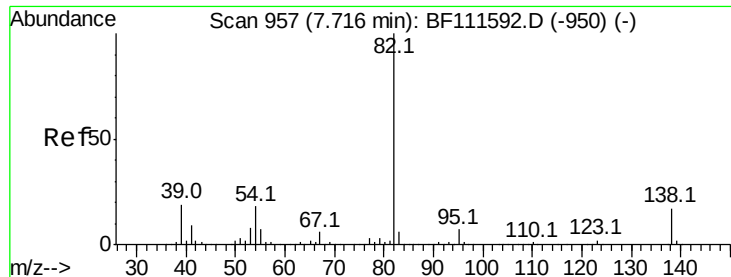
Sohil
 1/4/2019 9:56:31 AM



#24
 Nitrobenzene
 Concen: 39.179 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Tgt Ion: 77 Resp: 722066
 Ion Ratio Lower Upper
 77 100
 123 50.3 37.2 55.8
 65 14.0 11.5 17.3





#25

Isophorone

Concen: 36.430 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1137241

Ion Ratio Lower Upper

82 100

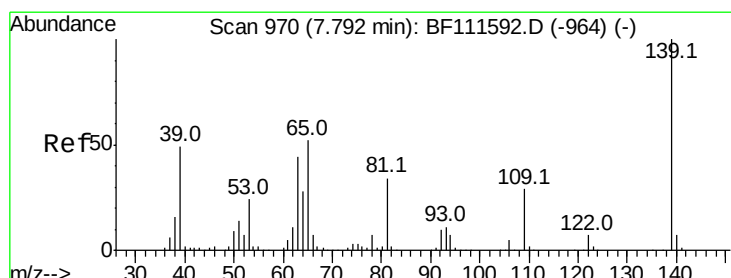
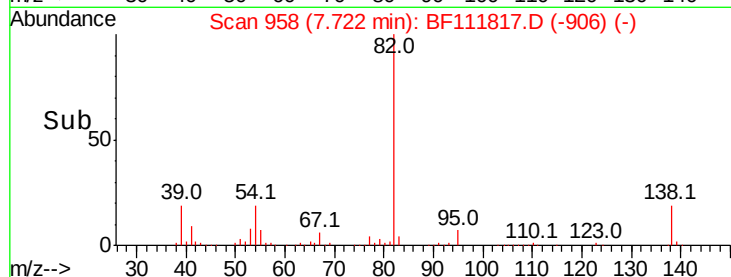
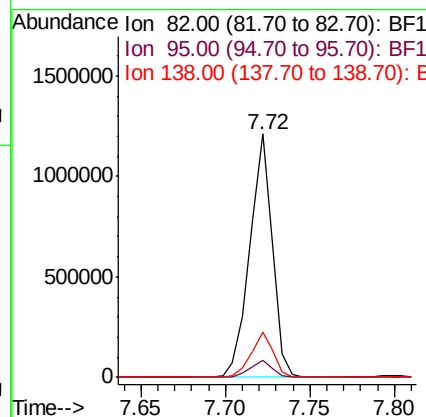
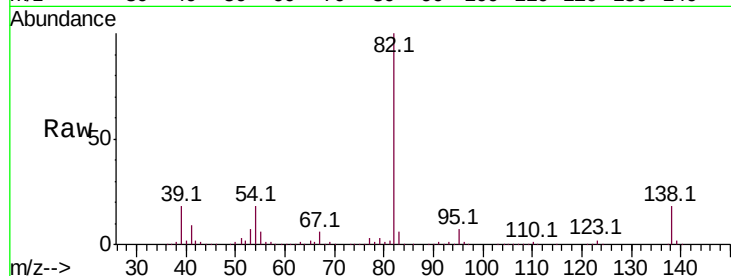
95 7.1 5.4 8.2

138 18.3 15.1 22.7

Manual Integrations
APPROVED

Sohil

1/4/2019 9:56:31 AM



#26

2-Nitrophenol

Concen: 49.221 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

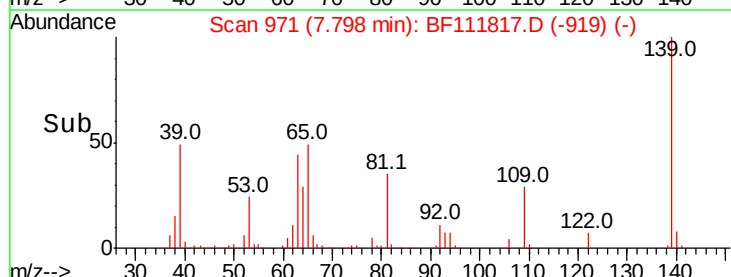
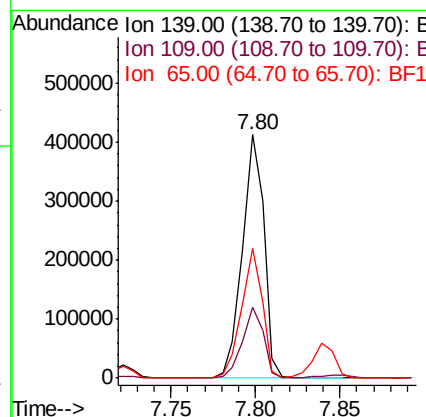
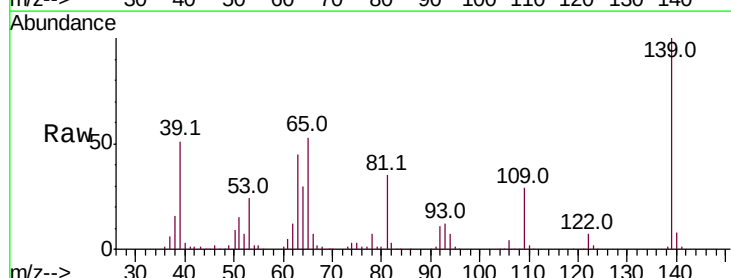
Tgt Ion: 139 Resp: 367909

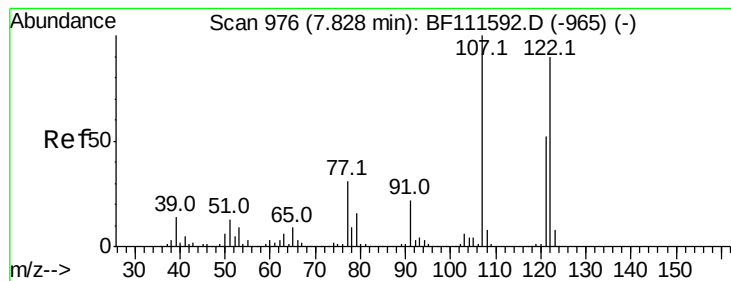
Ion Ratio Lower Upper

139 100

109 29.1 20.2 30.4

65 53.5 40.7 61.1





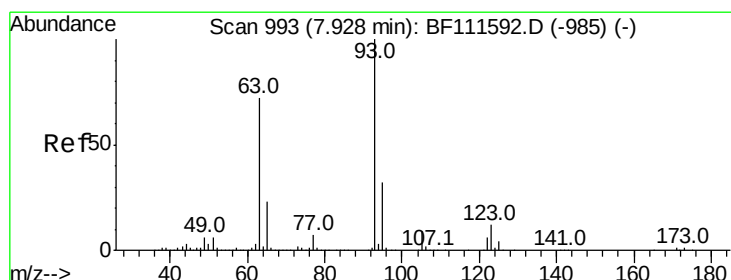
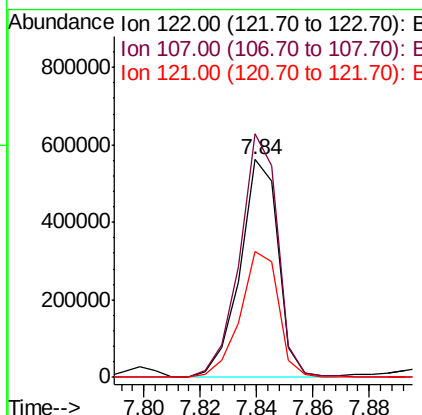
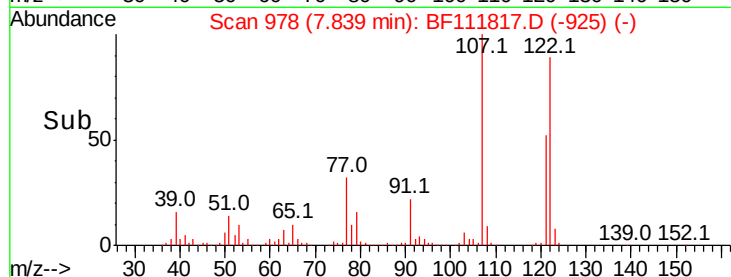
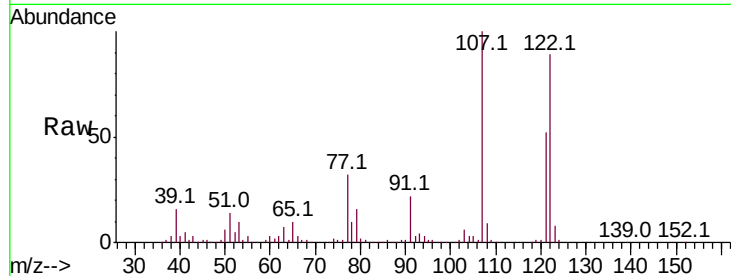
#27
2,4-Dimethylphenol
Concen: 35.967 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	85.5	128.3
121	57.7	46.6	70.0

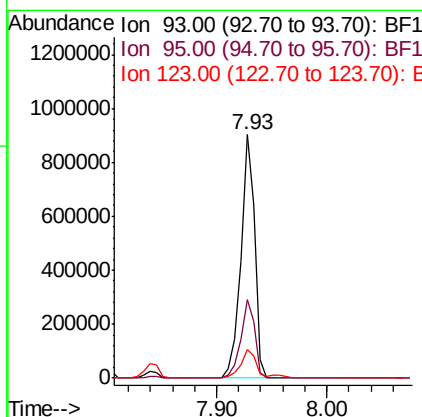
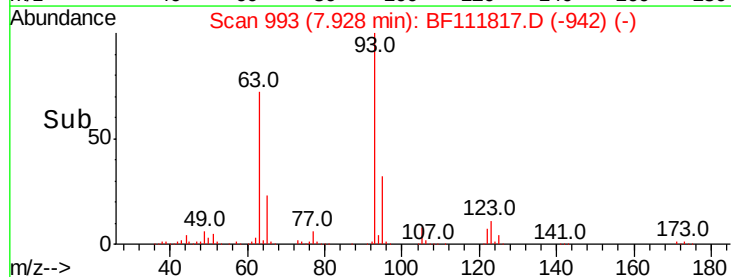
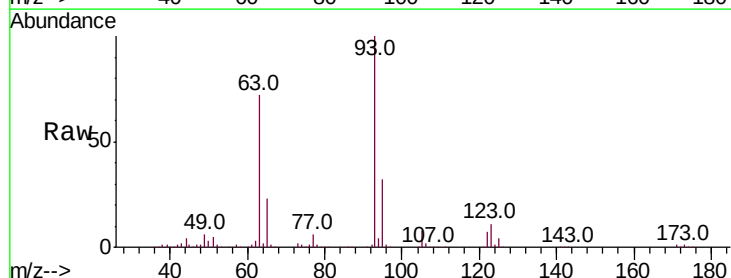
Manual Integrations
APPROVED

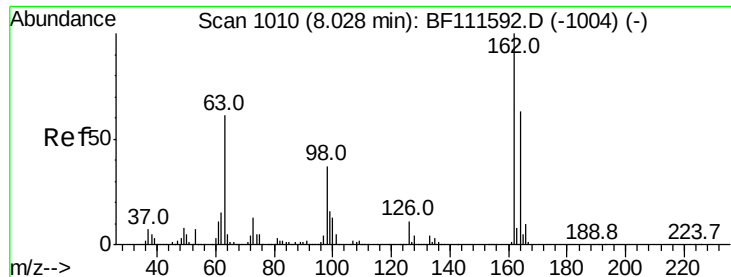
Sohil
1/4/2019 9:56:31 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.162 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.1	40.7
123	11.5	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 37.713 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.02 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

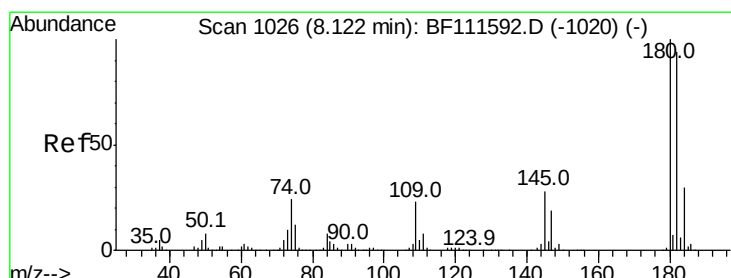
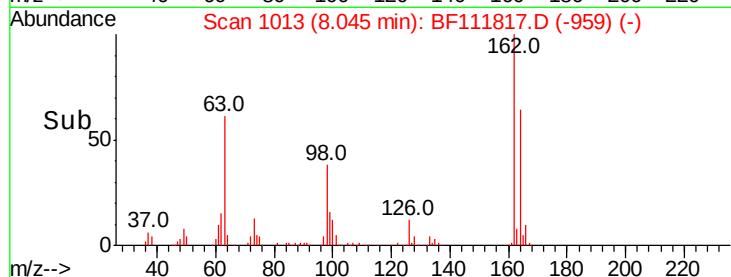
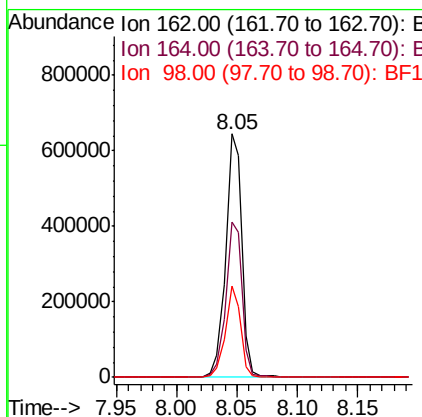
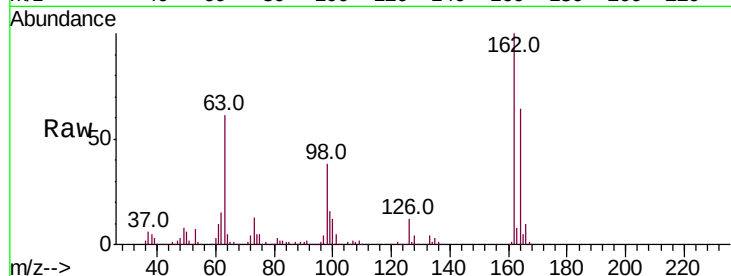
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	597684
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.4	84.4
98	37.7	20.3	60.3

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



#30

1,2,4-Trichlorobenzene

Concen: 37.347 ng

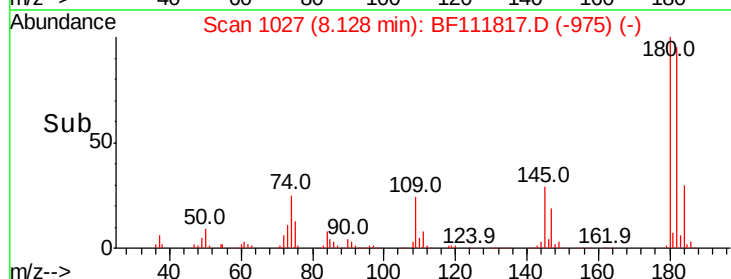
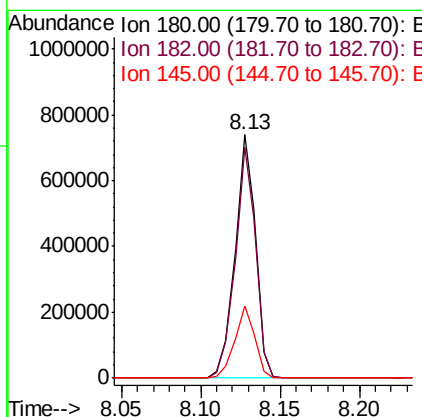
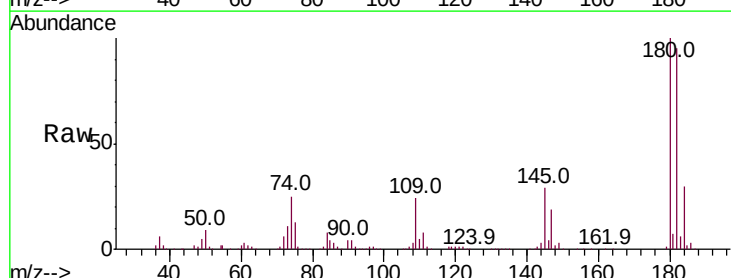
RT: 8.13 min Scan# 1027

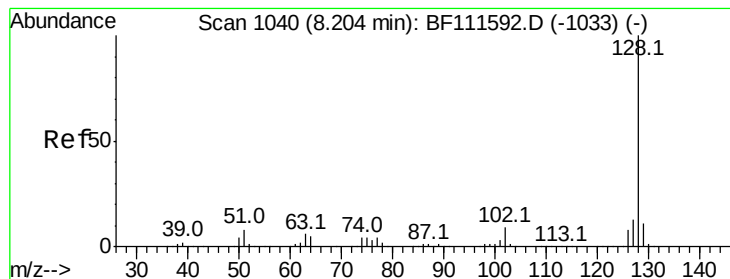
Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Tgt Ion:	180	Resp:	659563
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.6	113.4
145	29.4	26.7	40.1





#31

Naphthalene

Concen: 36.842 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1811898

Ion Ratio Lower Upper

128 100

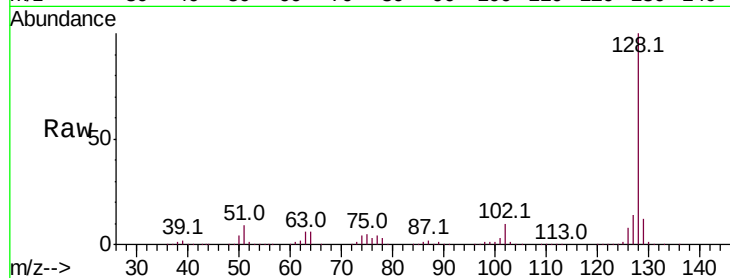
129 11.7 9.8 14.8

127 13.8 12.0 18.0

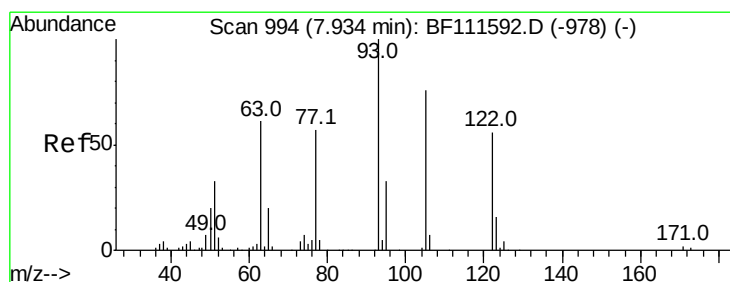
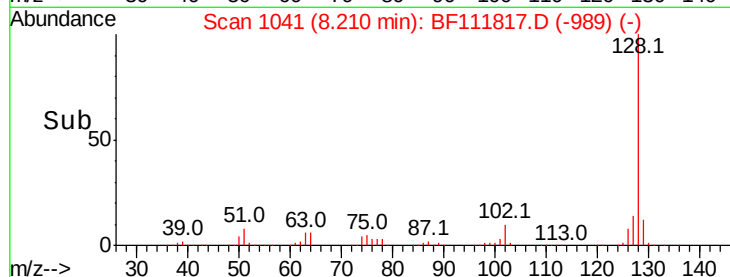
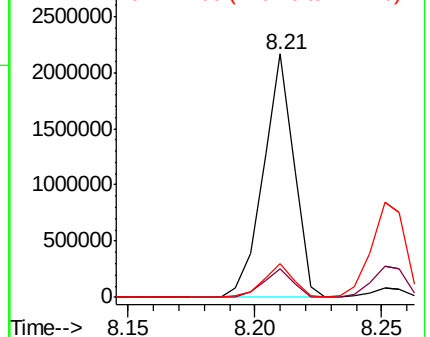
Manual Integrations
APPROVED

Sohil

1/4/2019 9:56:31 AM



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: 31.595 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

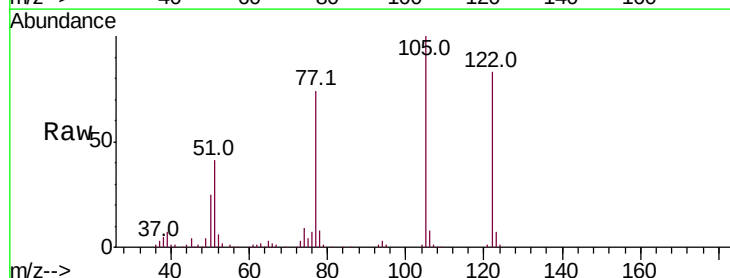
Tgt Ion:122 Resp: 307800

Ion Ratio Lower Upper

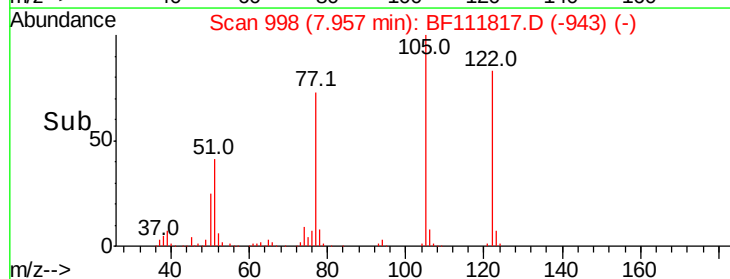
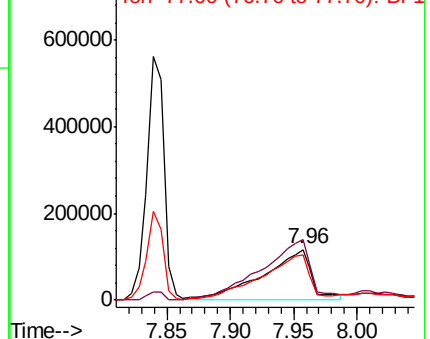
122 100

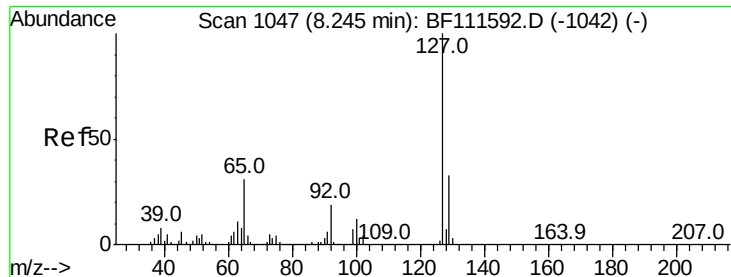
105 120.2 97.0 137.0

77 88.4 65.7 105.7



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





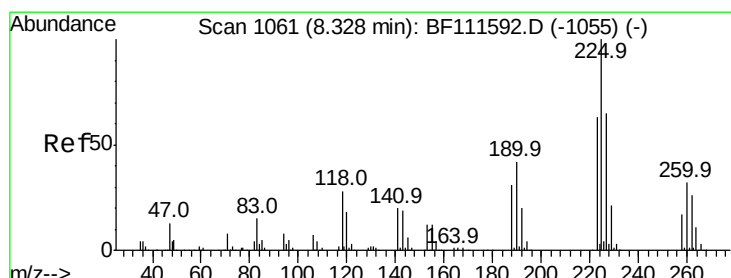
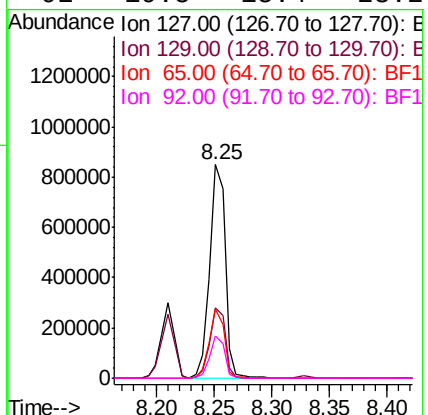
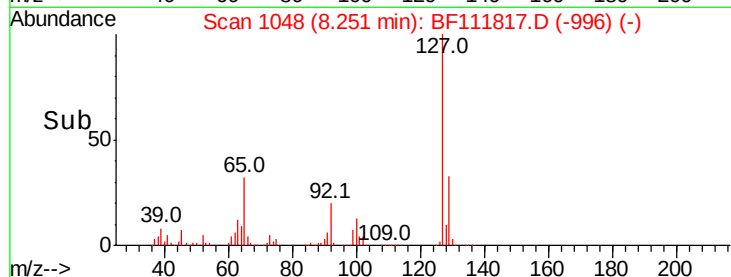
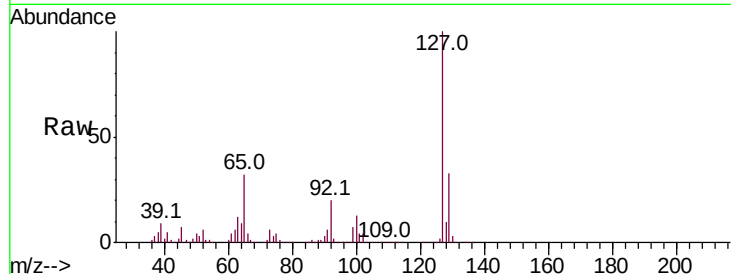
#33
4-Chloroaniline
Concen: 37.719 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	32.2	25.7	38.5
92	19.5	15.4	23.2

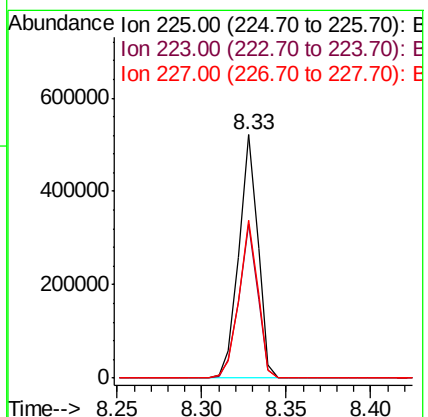
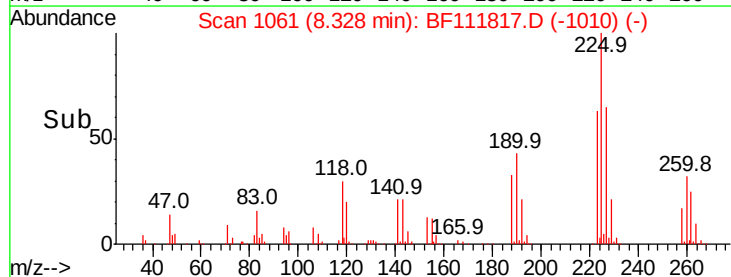
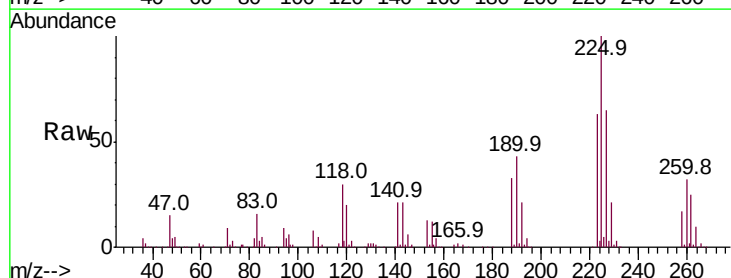
Manual Integrations
APPROVED

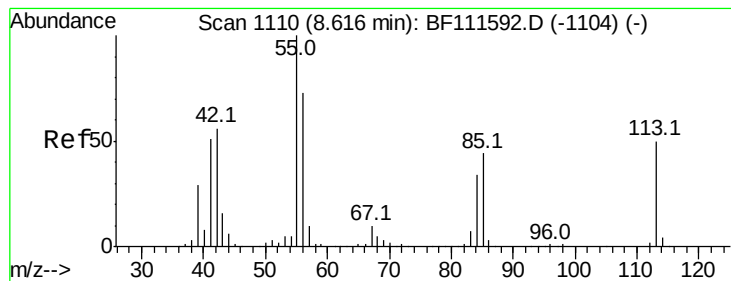
Sohil
1/4/2019 9:56:31 AM



#34
Hexachlorobutadiene
Concen: 37.869 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.7	76.1
227	64.7	52.6	78.8





#35

Caprolactam

Concen: 37.803 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

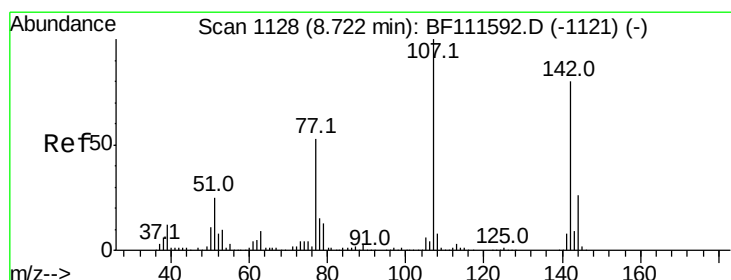
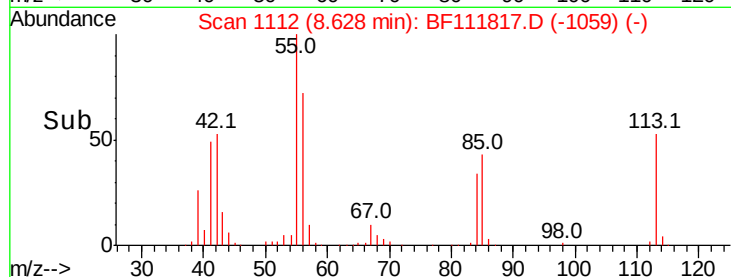
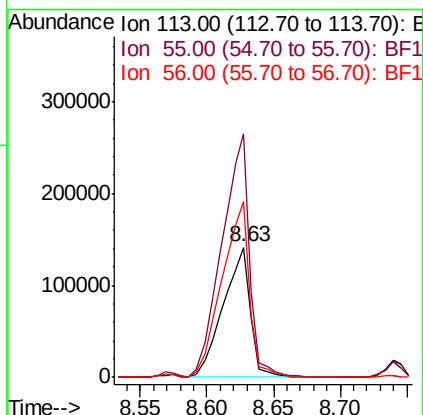
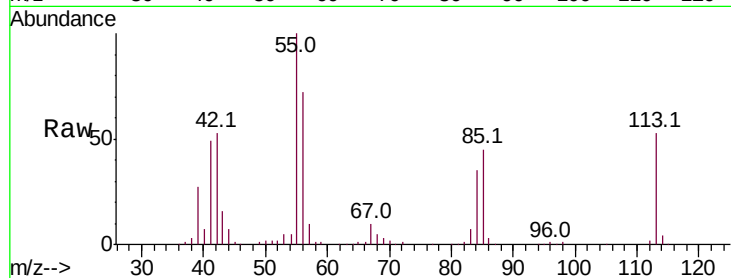
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	203011
Ion Ratio	Lower	Upper	
113	100		
55	187.7	184.1	224.1
56	135.5	126.0	166.0

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



#36

4-Chloro-3-methylphenol

Concen: 37.430 ng

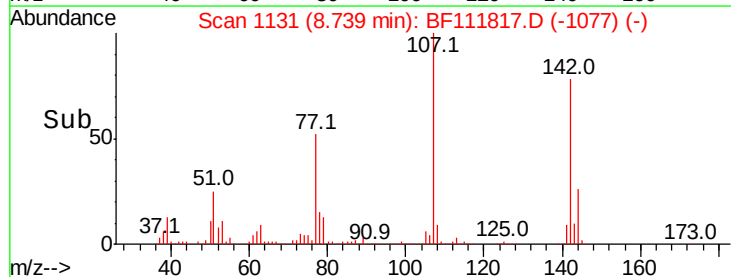
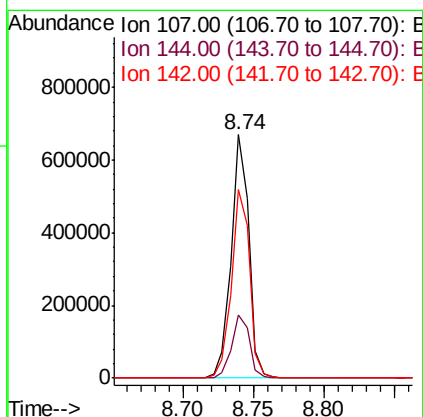
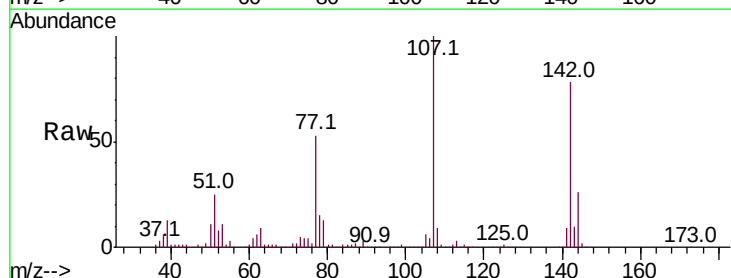
RT: 8.74 min Scan# 1131

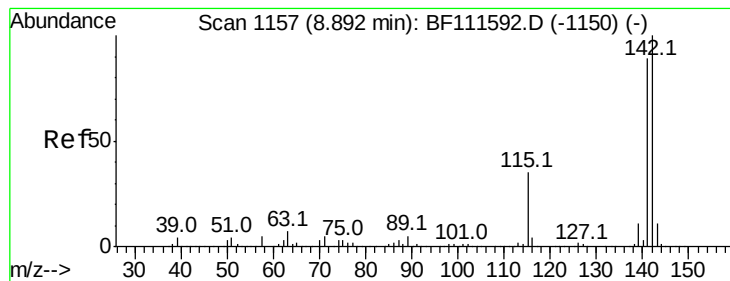
Delta R.T. 0.02 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Tgt Ion:	107	Resp:	583106
Ion Ratio	Lower	Upper	
107	100		
144	25.9	19.8	29.6
142	77.6	62.3	93.5





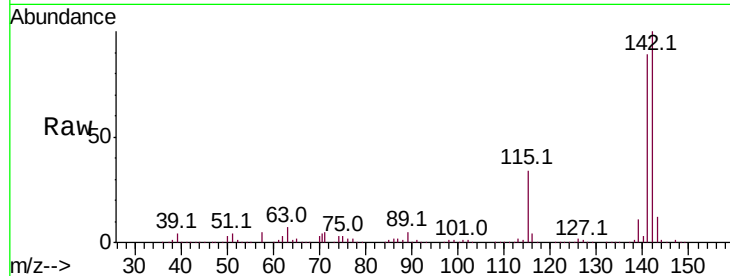
#37
2-Methylnaphthalene
Concen: 37.568 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.6	105.8
115	34.4	27.0	40.6

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM

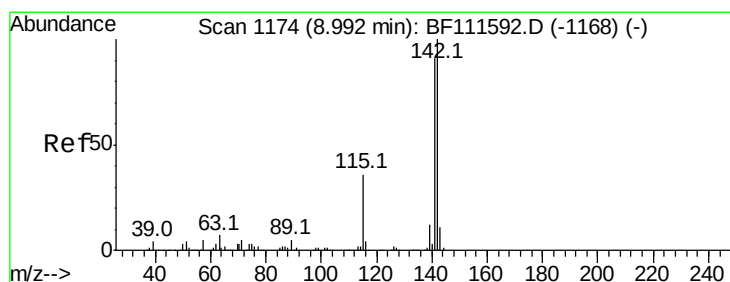
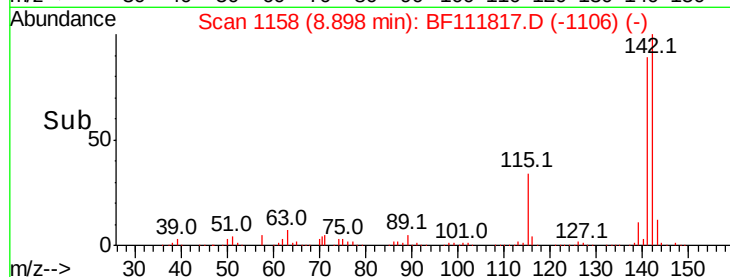
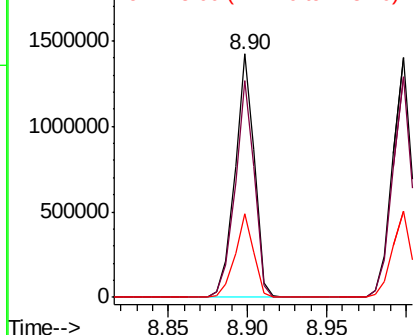


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.687 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

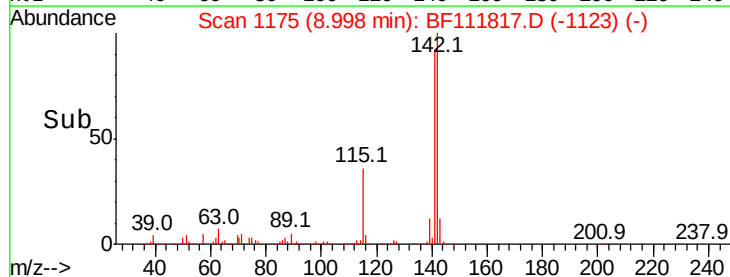
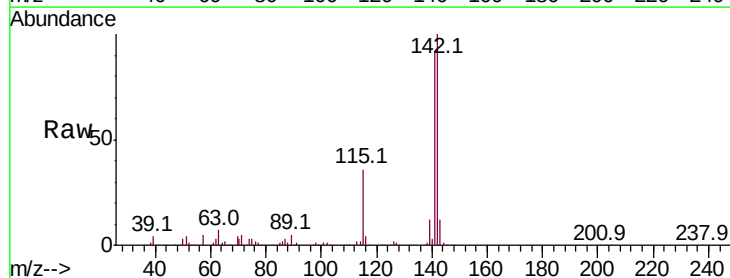
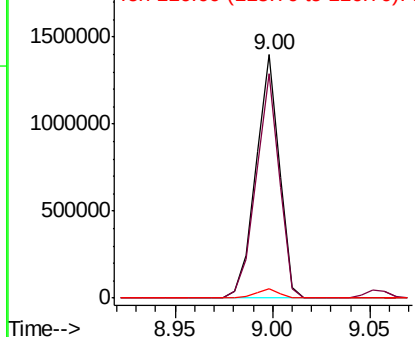
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4
116	3.8	2.9	4.3

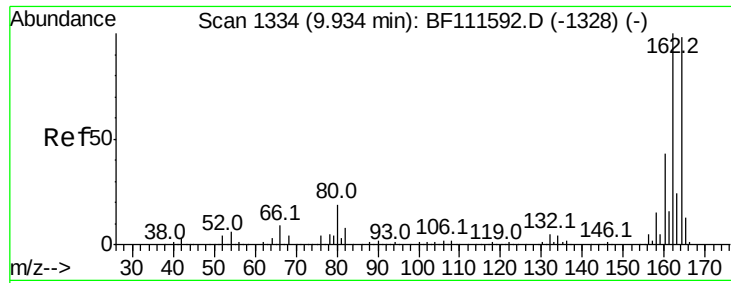
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





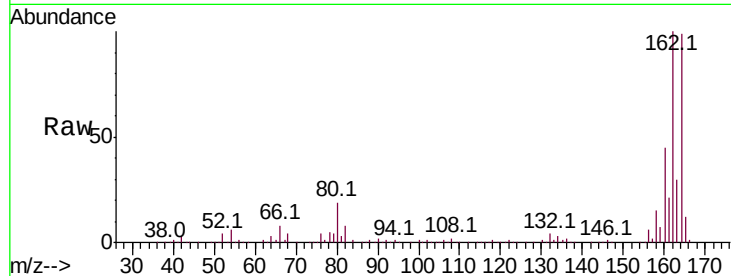
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	81.4	122.0	
160	45.3	35.7	53.5	

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM

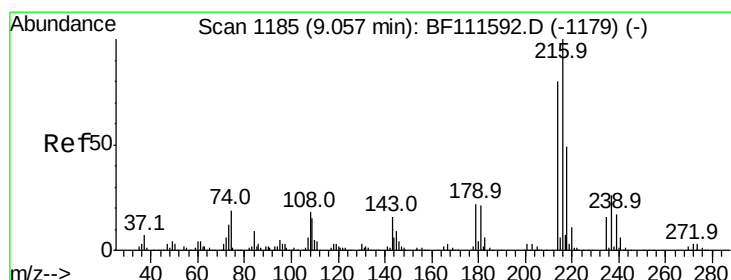
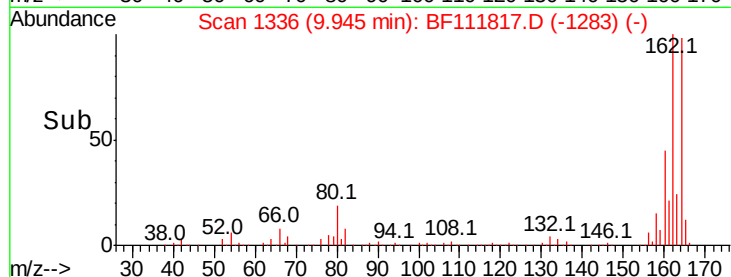
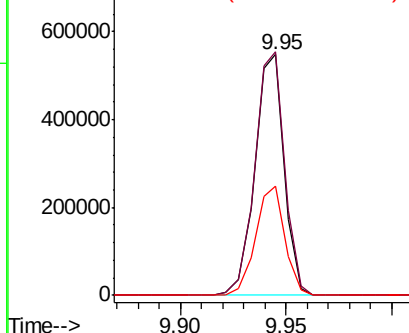


Abundance

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: 37.684 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.8	
179	20.9	17.9	26.9	
108	17.8	18.4	27.6	

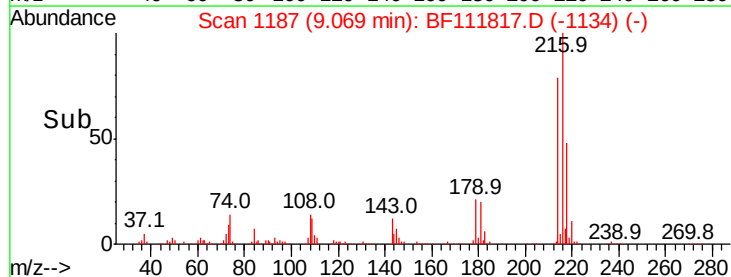
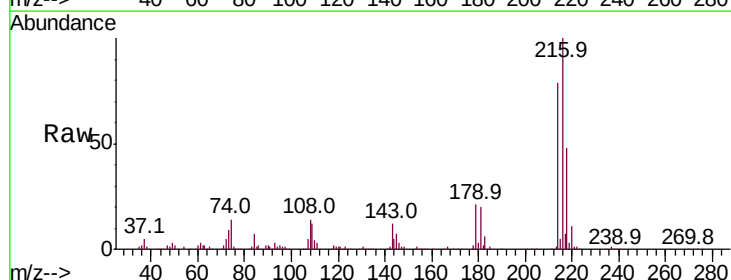
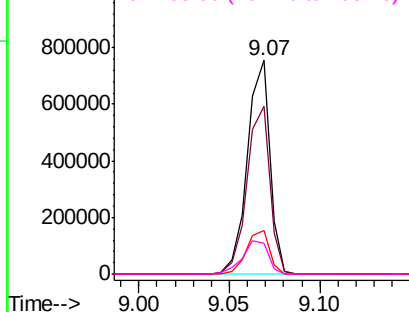
Abundance

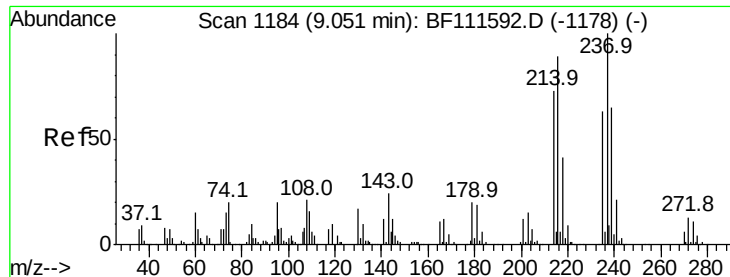
Ion 216.00 (215.70 to 216.70): E

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: 46.658 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

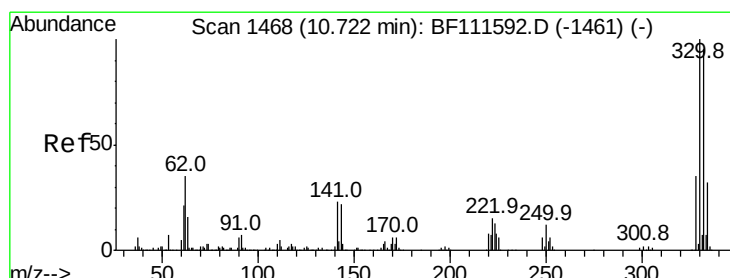
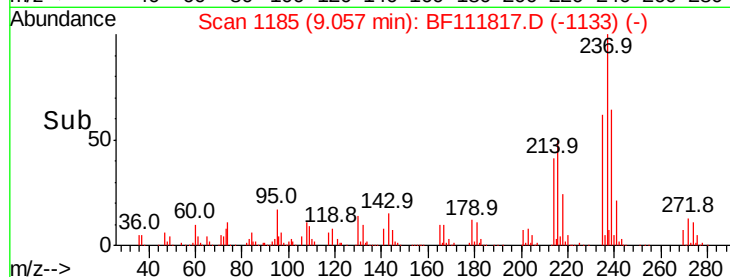
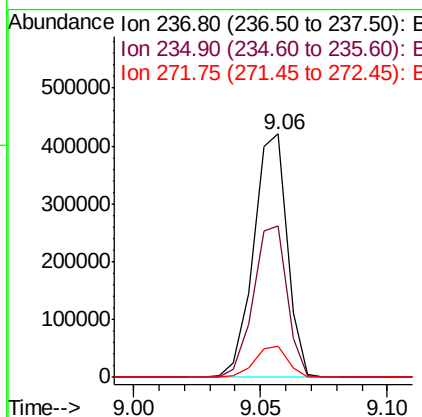
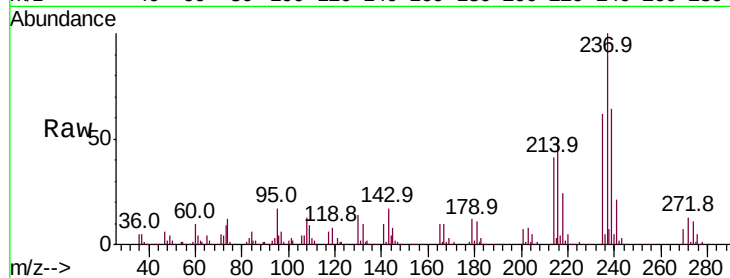
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	391346
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.1	83.1
272	12.8	0.0	33.0

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



#42

2,4,6-Tribromophenol

Concen: 82.183 ng

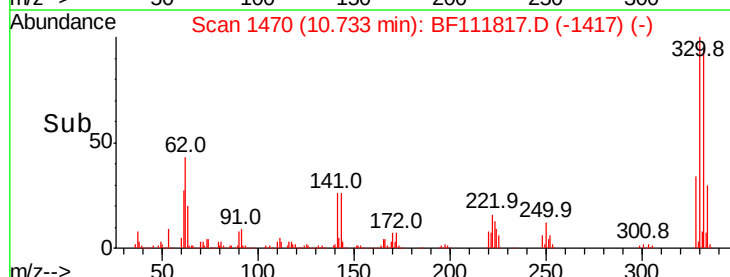
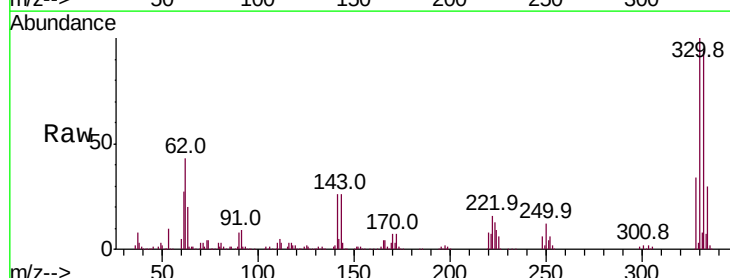
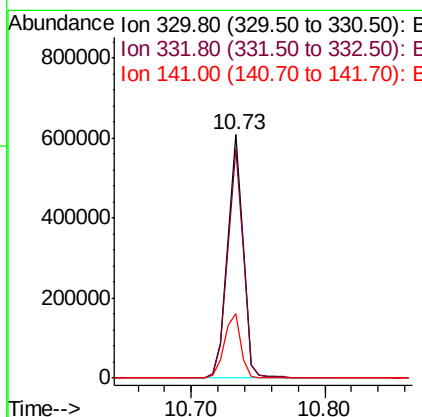
RT: 10.73 min Scan# 1470

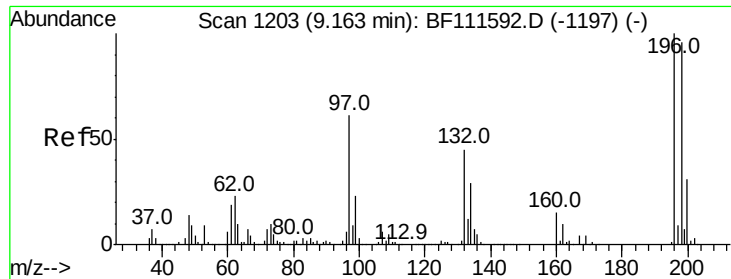
Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Tgt Ion:	330	Resp:	510776
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.0	114.0
141	27.6	31.0	46.6#





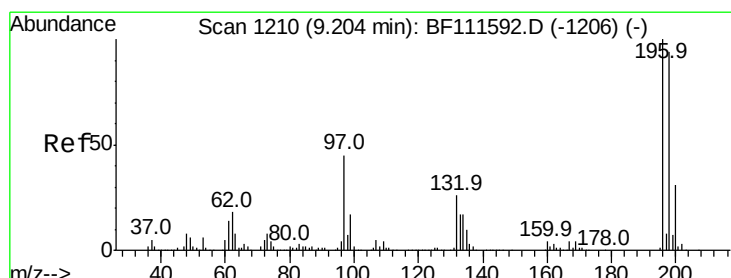
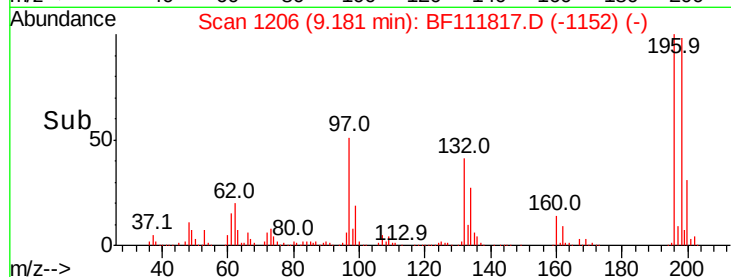
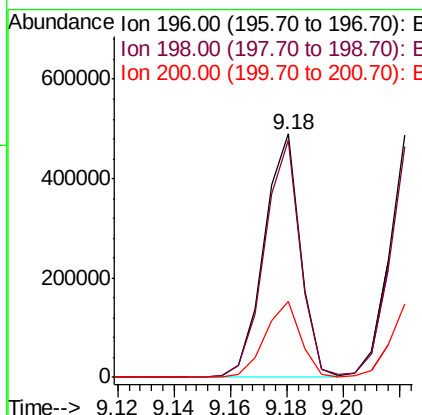
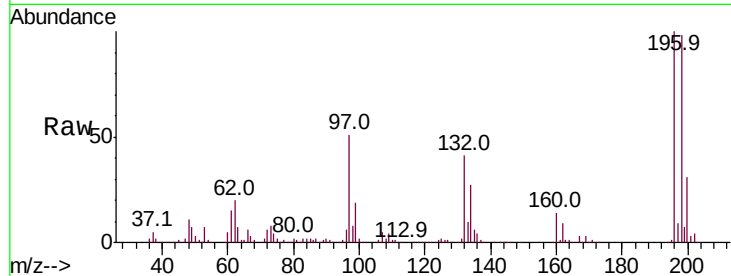
#43
 2,4,6-Trichlorophenol
 Concen: 37.872 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	437041		
198	97.6	76.3	114.5	
200	31.0	24.9	37.3	

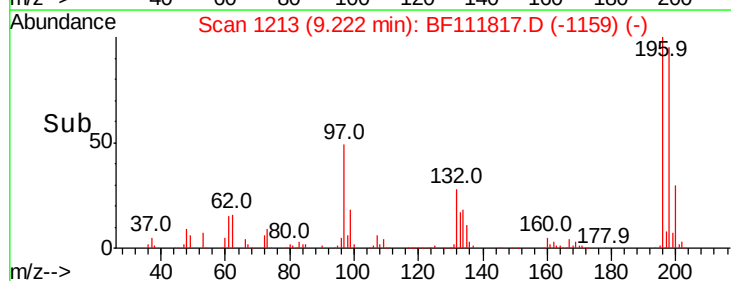
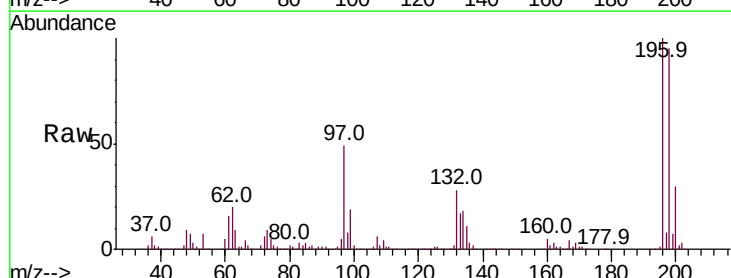
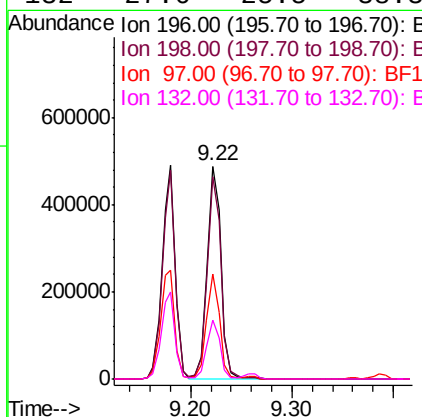
Manual Integrations
 APPROVED

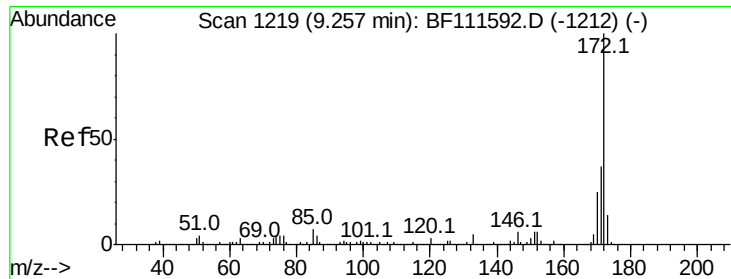
Sohil
 1/4/2019 9:56:31 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.835 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	459753		
198	95.0	72.9	109.3	
97	49.0	45.3	67.9	
132	27.6	25.5	38.3	





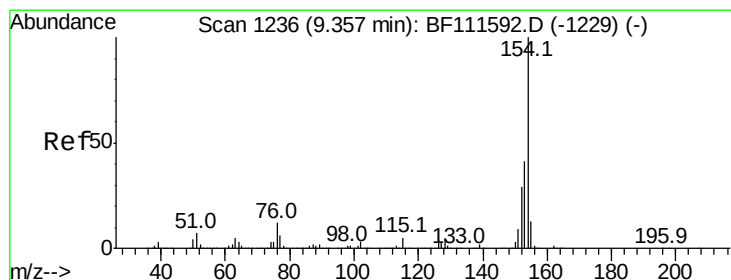
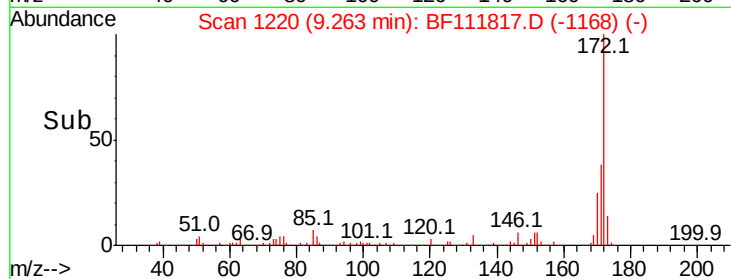
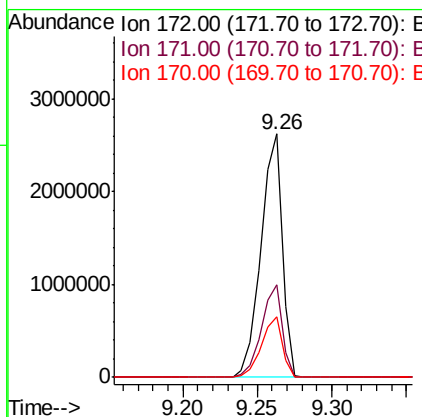
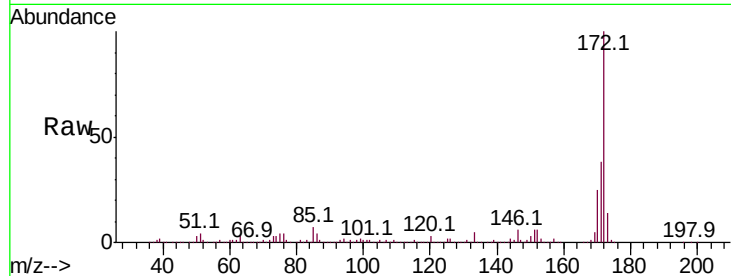
#45
2-Fluorobiphenyl
Concen: 71.093 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	33.0	49.4
170	25.1	22.3	33.5

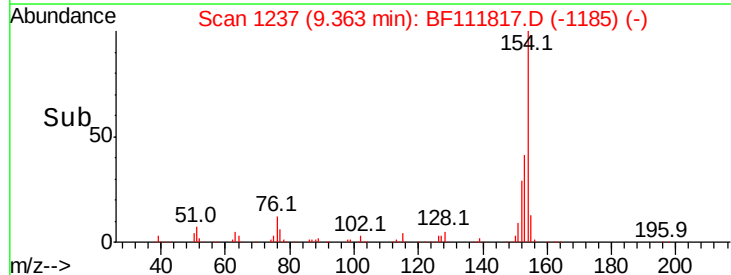
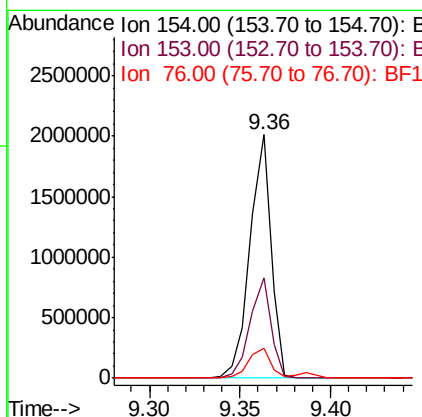
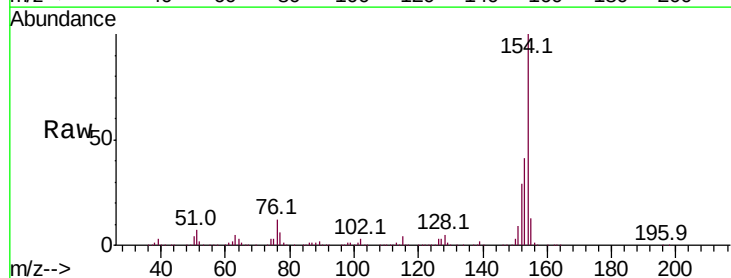
Manual Integrations
APPROVED

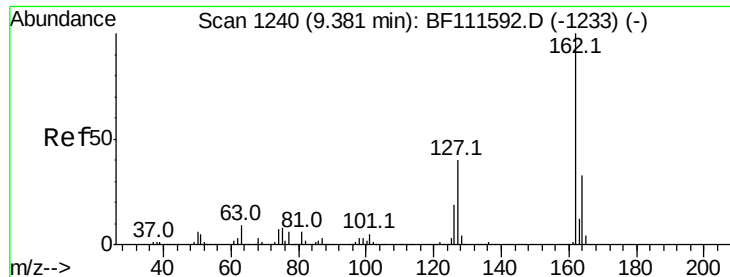
Sohil
1/4/2019 9:56:31 AM



#46
1,1'-Biphenyl
Concen: 36.925 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.7	63.7
76	12.3	0.0	35.0





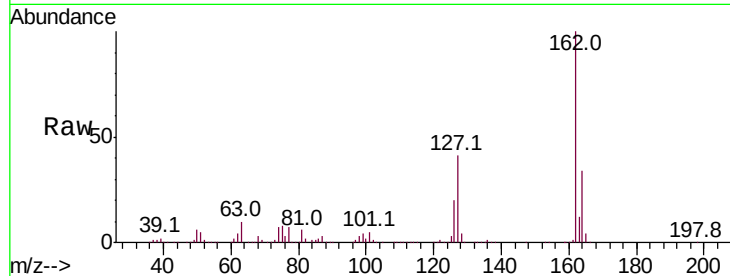
#47
 2-Chloronaphthalene
 Concen: 36.540 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

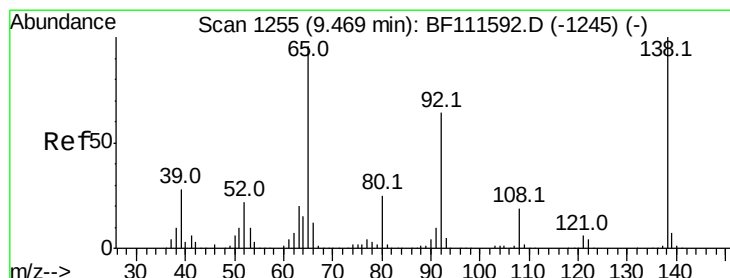
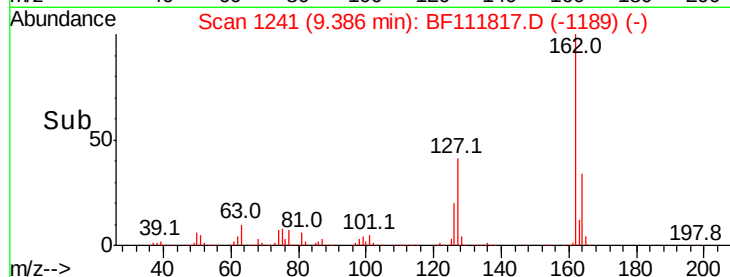
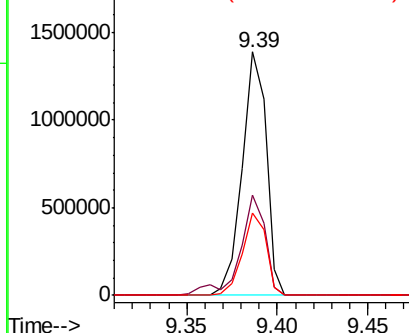
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	35.0	52.4
164	33.6	28.4	42.6

Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:56:31 AM



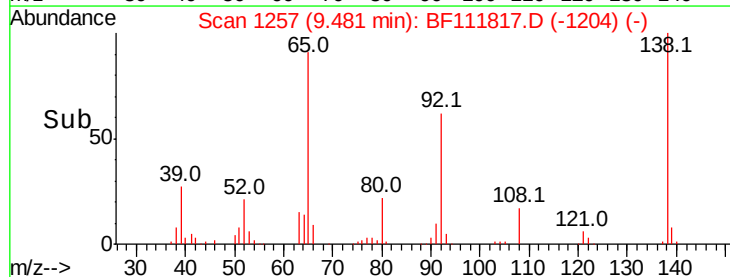
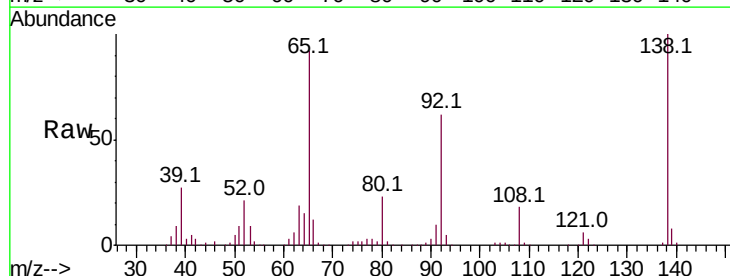
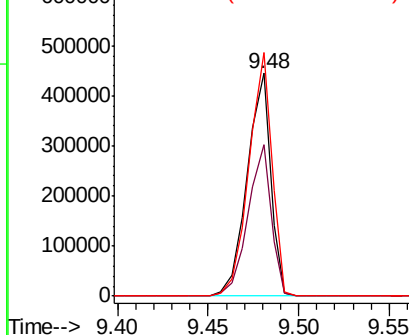
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

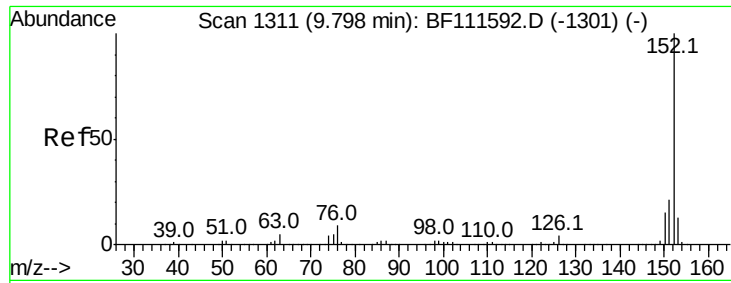


#48
 2-Nitroaniline
 Concen: 43.955 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.5	80.3
138	109.2	80.9	121.3

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





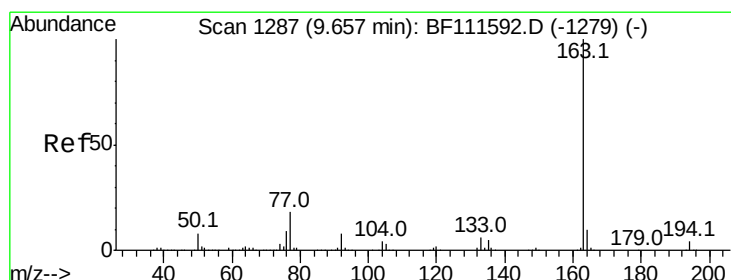
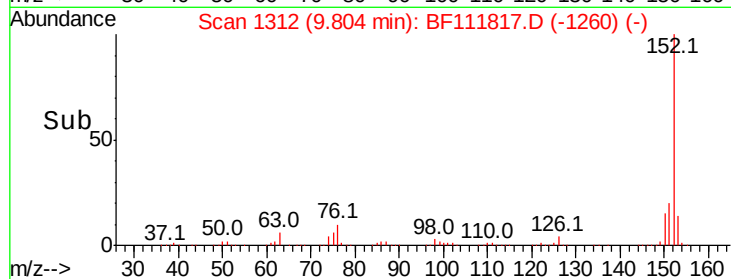
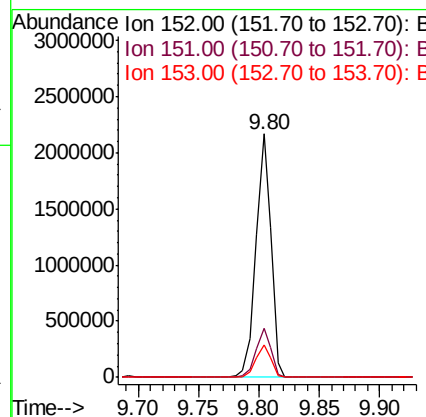
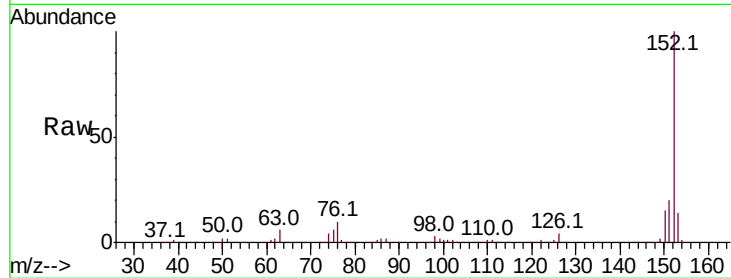
#49
Acenaphthylene
Concen: 36.777 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.0	27.0
153	13.5	12.3	18.5

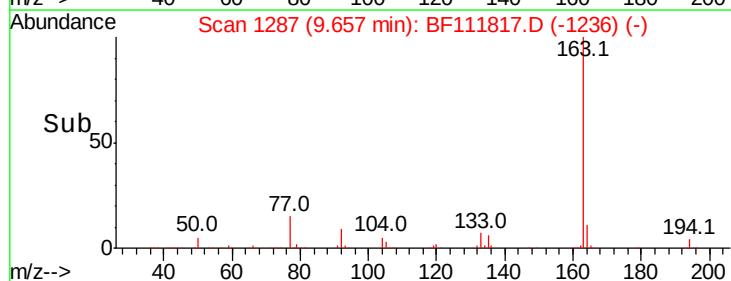
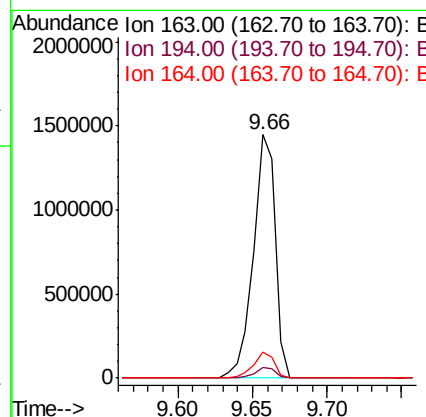
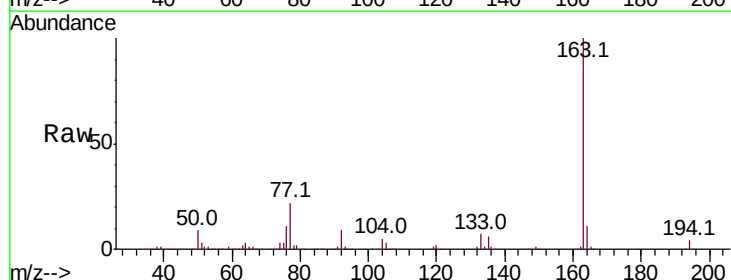
Manual Integrations
APPROVED

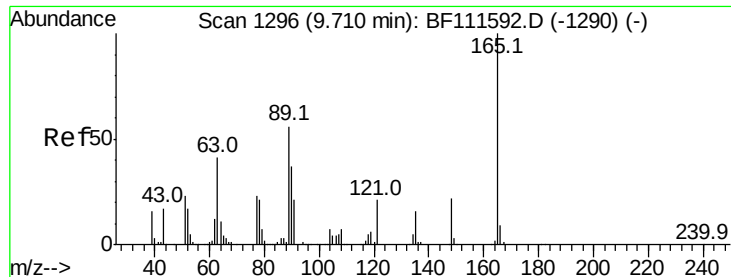
Sohil
1/4/2019 9:56:31 AM



#50
Dimethylphthalate
Concen: 37.877 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.7	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 43.843 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

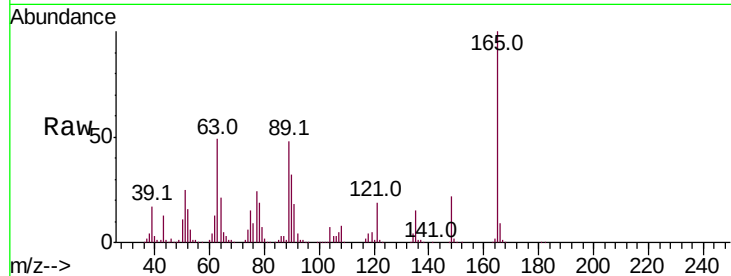
ClientSampleId :

SSTDCCC040

Tot Ion:165	Resp:	336274
Ion Ratio	Lower	Upper
165 100		
63 49.1	40.5	60.7
89 47.7	40.0	60.0

Manual Integrations
APPROVED

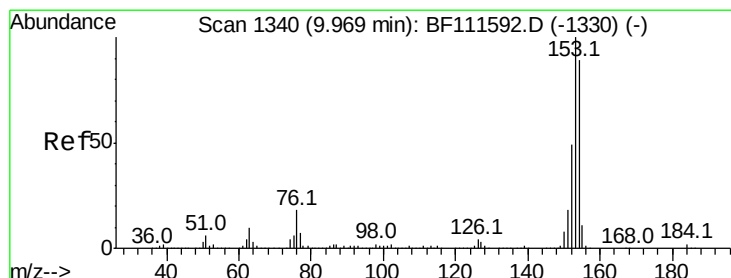
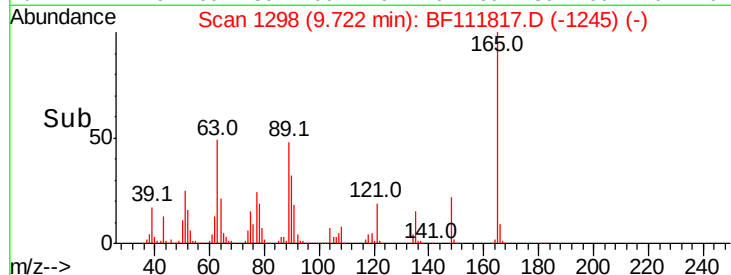
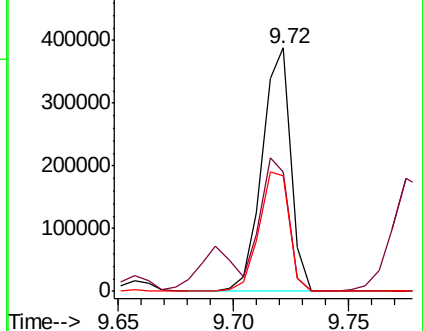
Sohil
1/4/2019 9:56:31 AM



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



#52

Acenaphthene

Concen: 37.948 ng

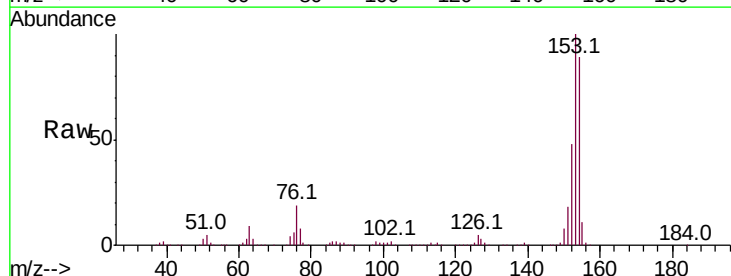
RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

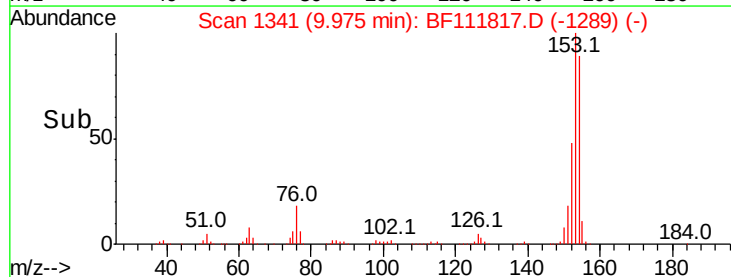
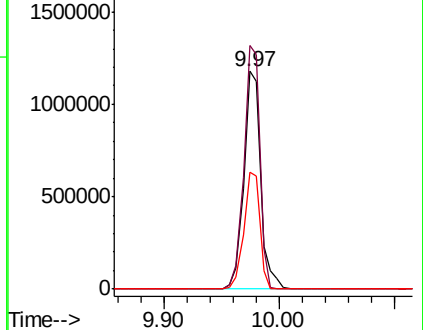
Tgt Ion:154	Resp:	1202172
Ion Ratio	Lower	Upper
154 100		
153 111.8	87.8	131.8
152 53.4	43.4	65.2

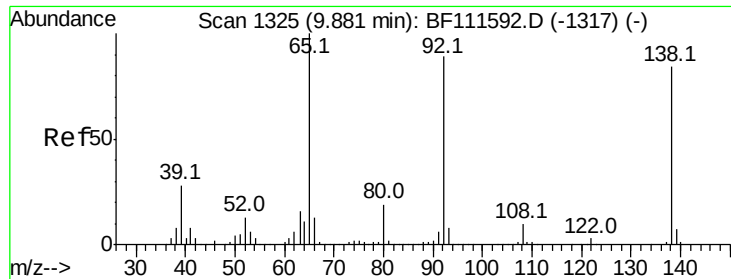


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





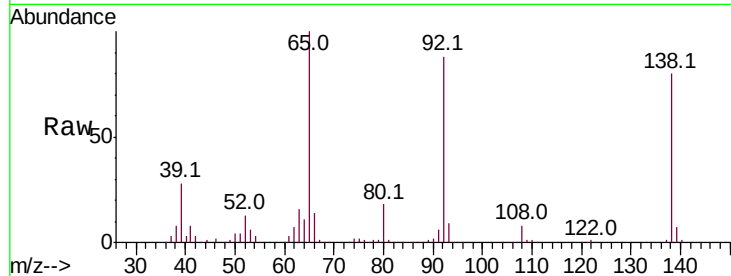
#53
3-Nitroaniline
Concen: 44.730 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.2	12.4
92	110.0	93.4	140.2

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM

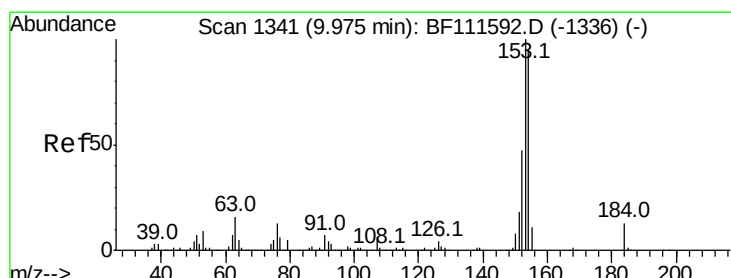
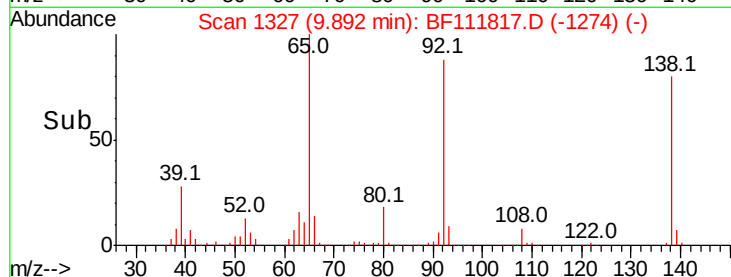
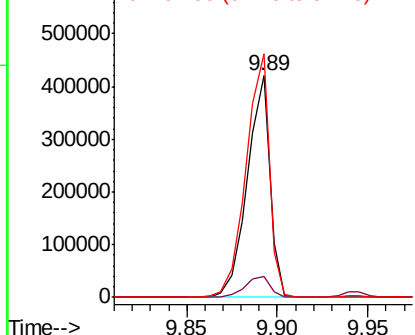


Abundance

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: 59.001 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

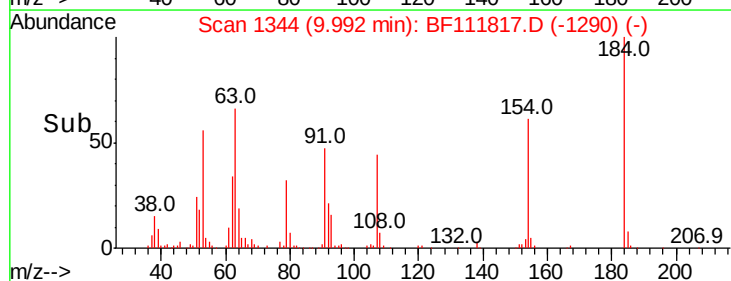
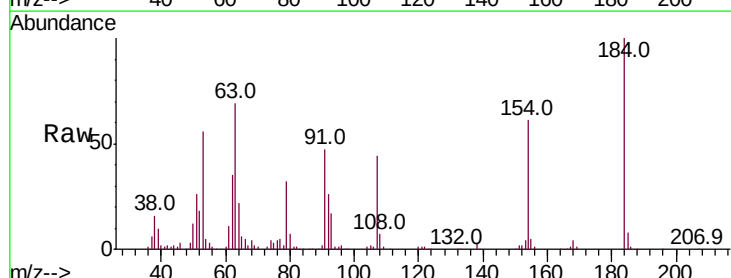
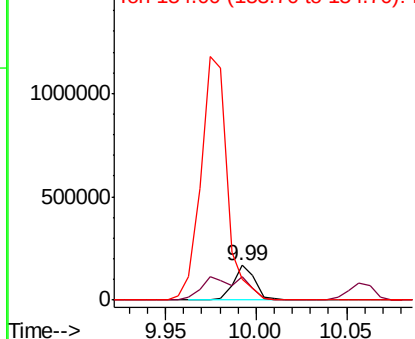
Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.4	62.3	93.5
154	61.3	56.2	84.2

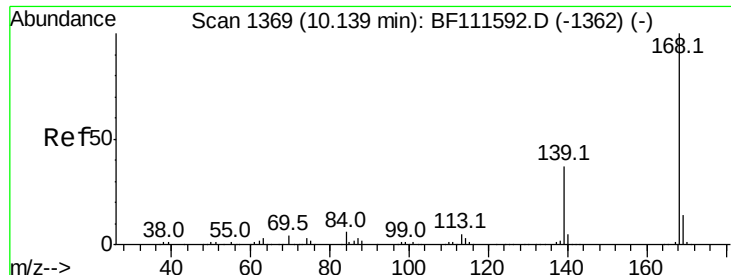
Abundance

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: 36.877 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1764992

Ion Ratio Lower Upper

168 100

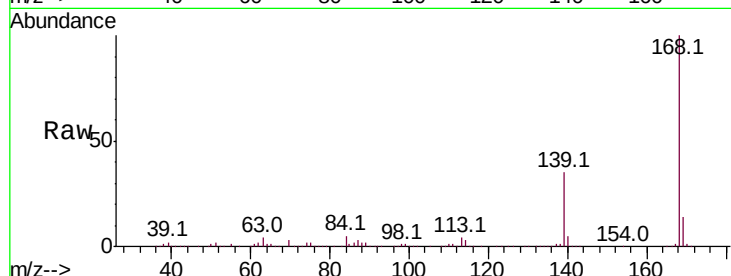
139 35.0 32.6 49.0

169 13.6 11.8 17.6

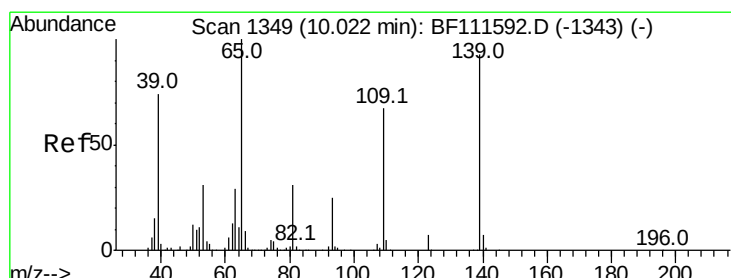
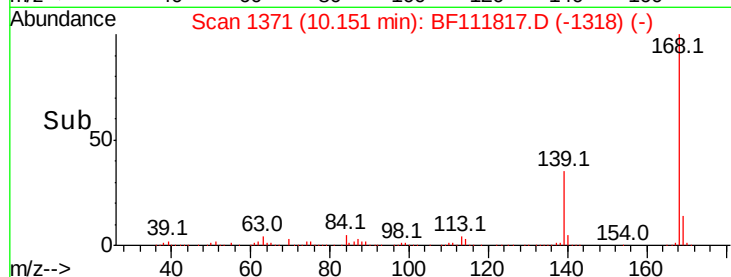
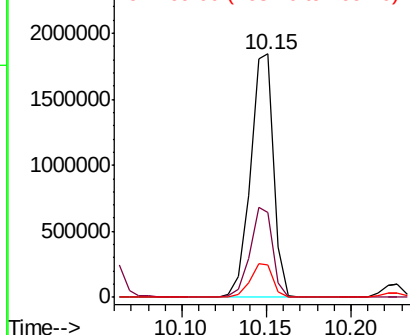
Manual Integrations
APPROVED

Sohil

1/4/2019 9:56:31 AM



Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 43.044 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.04 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

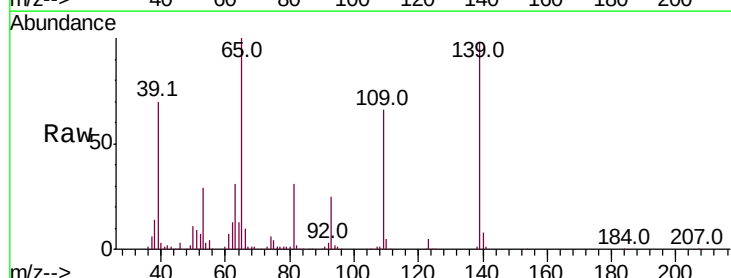
Tgt Ion:139 Resp: 268702

Ion Ratio Lower Upper

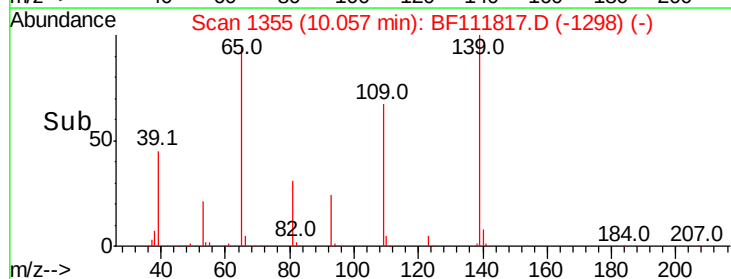
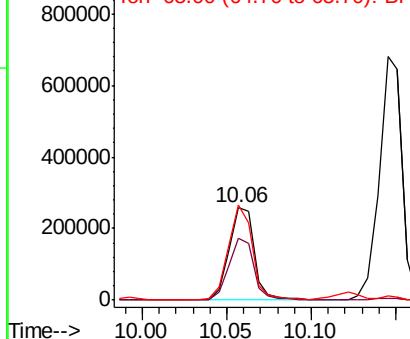
139 100

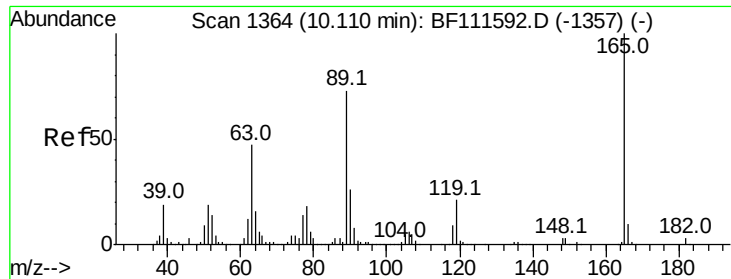
109 67.4 41.8 81.8

65 102.3 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
800000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





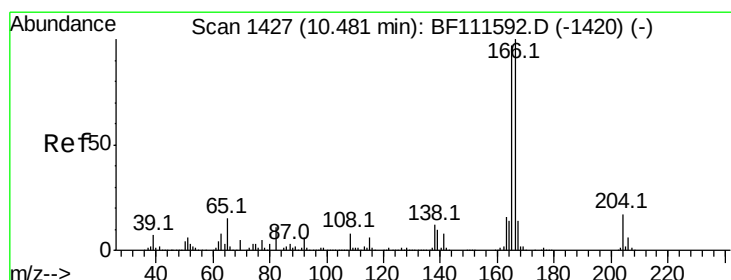
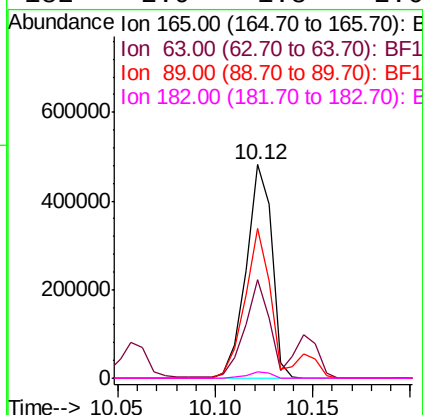
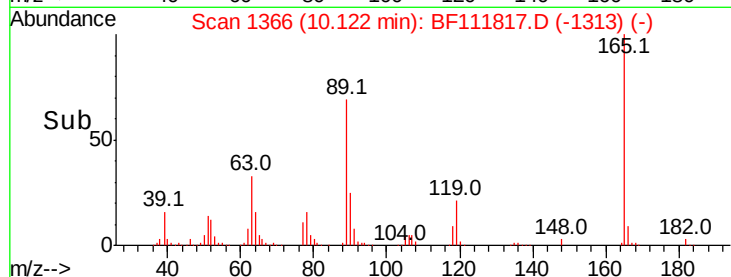
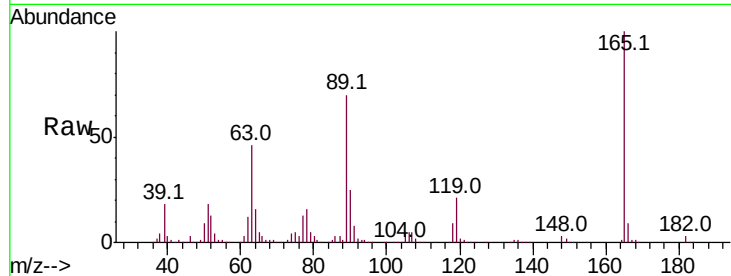
#57
2,4-Dinitrotoluene
Concen: 47.741 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.0	34.6	52.0
89	69.9	56.2	84.4
182	2.9	1.8	2.6

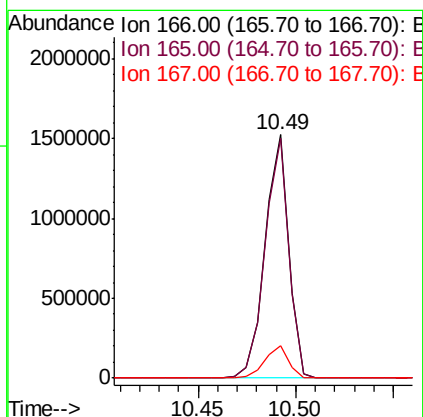
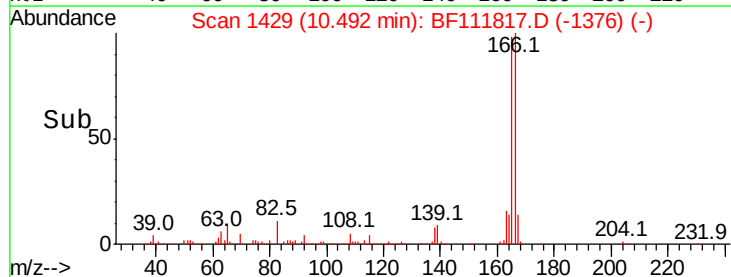
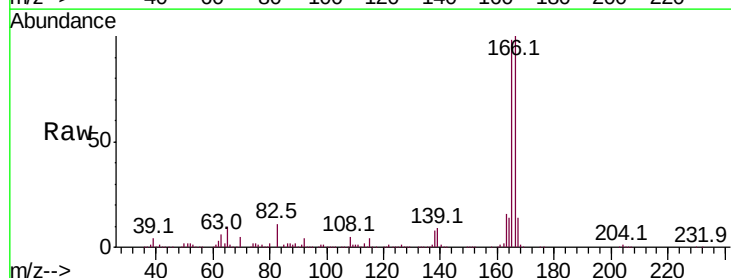
Manual Integrations
APPROVED

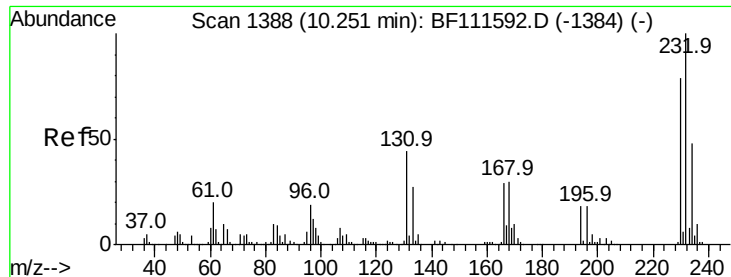
Sohil
1/4/2019 9:56:31 AM



#58
Fluorene
Concen: 37.089 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.5	11.2	16.8





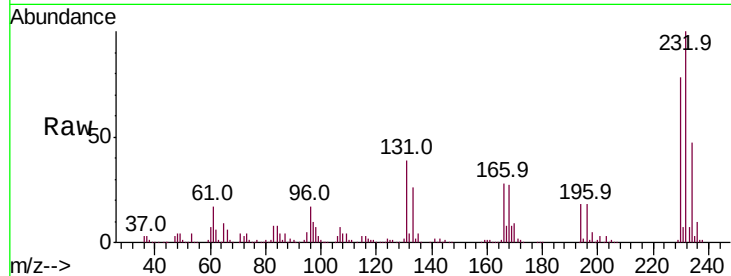
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.305 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	391603		
131	39.3	40.9	61.3#	
130	2.0	2.0	3.0#	
166	28.5	26.8	40.2	

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



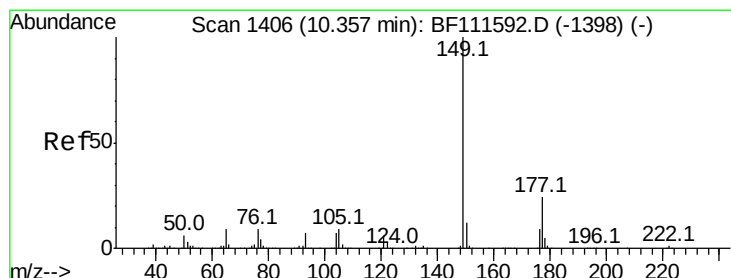
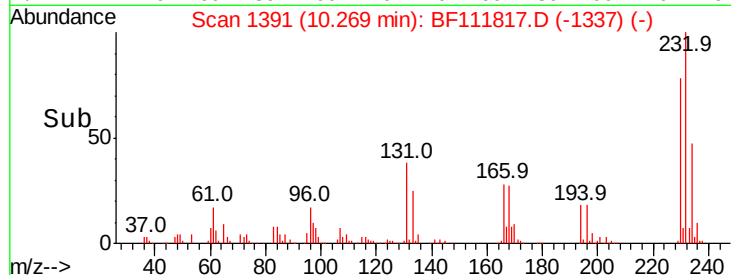
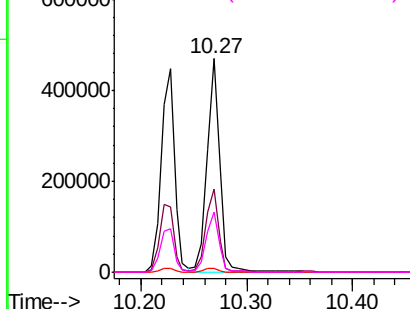
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

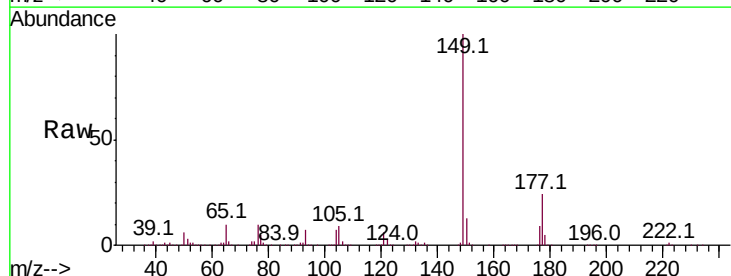
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.099 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1399791		
177	23.9	18.3	27.5	
150	12.7	10.6	15.8	

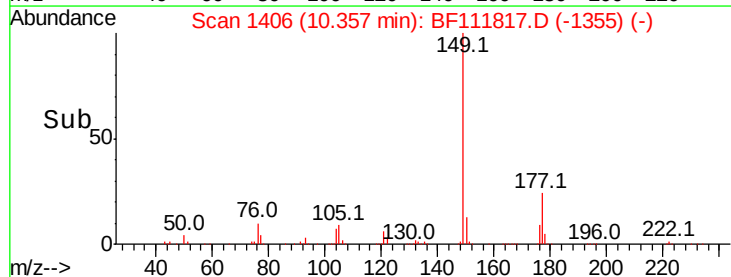
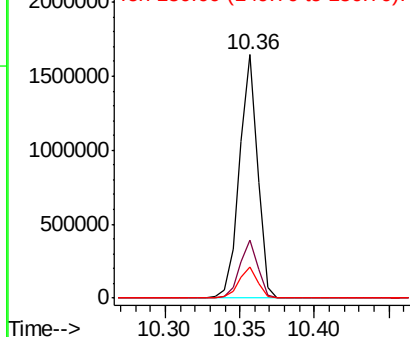


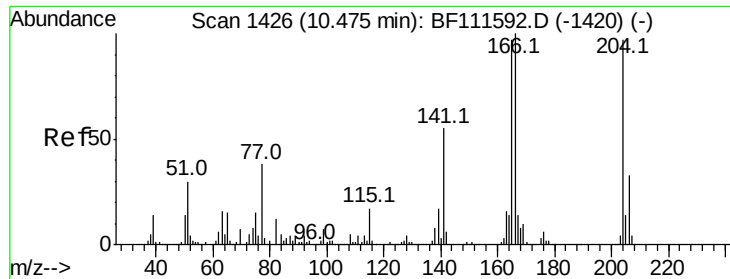
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





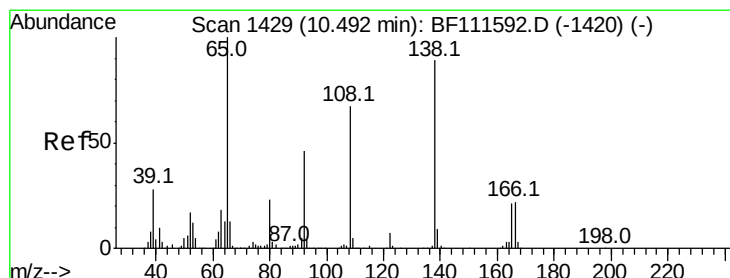
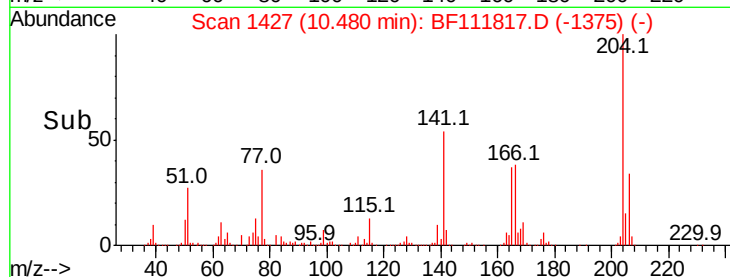
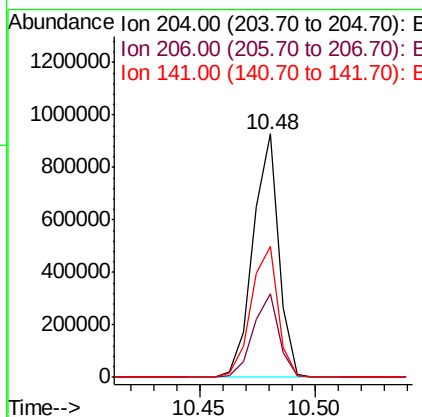
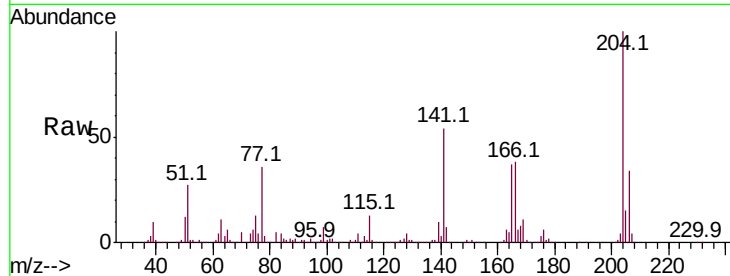
#61
4-Chlorophenyl-phenylether
Concen: 38.034 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.6	39.8
141	53.7	52.6	78.8

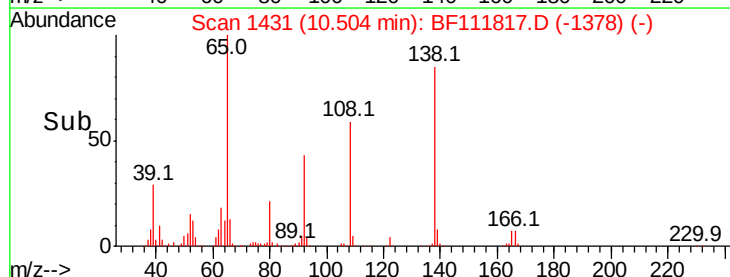
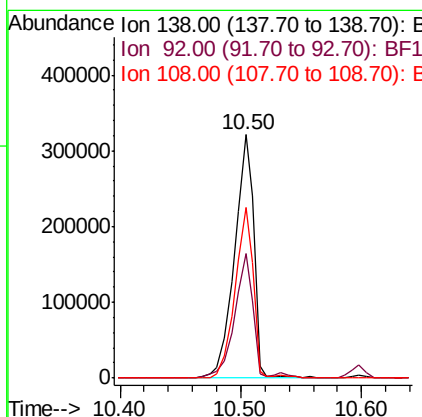
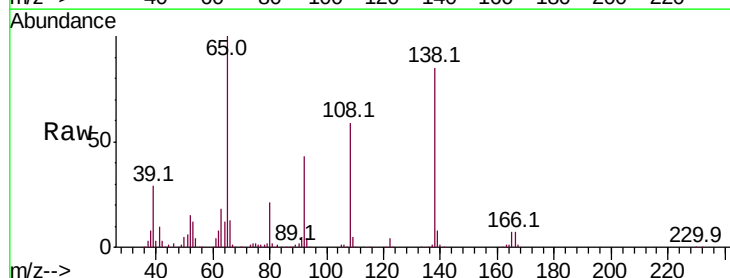
Manual Integrations
APPROVED

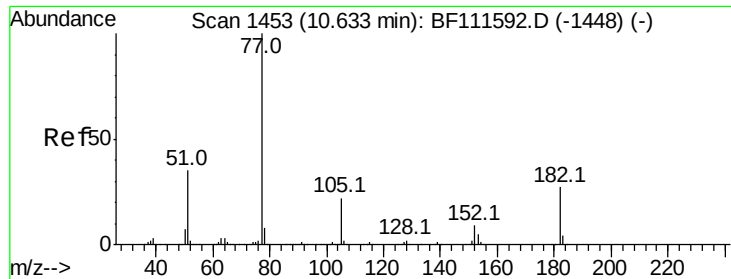
Sohil
1/4/2019 9:56:31 AM



#62
4-Nitroaniline
Concen: 44.988 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	29.9	69.9
108	69.9	43.2	83.2





#63

Azobenzene

Concen: 36.709 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1390518

Ion Ratio Lower Upper

77 100

182 26.4 4.9 44.9

105 22.2 6.0 46.0

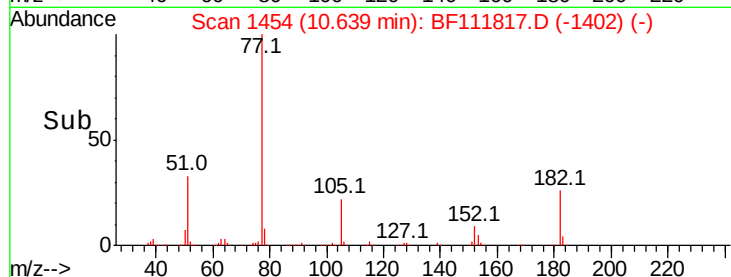
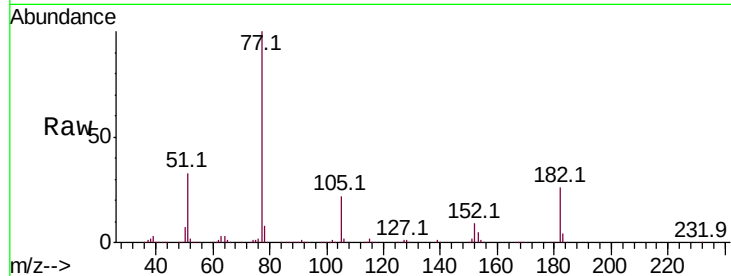
51 33.4 14.7 54.7

Manual Integrations

APPROVED

Sohil

1/4/2019 9:56:31 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

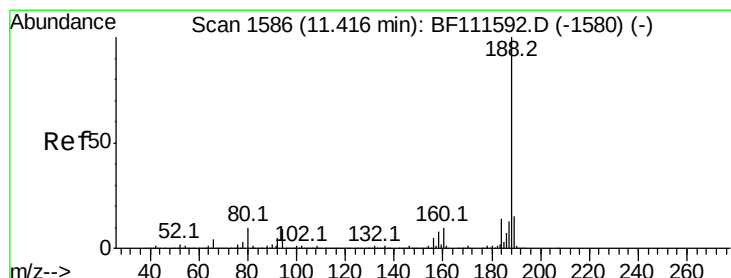
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->

10.60 10.65 10.70



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

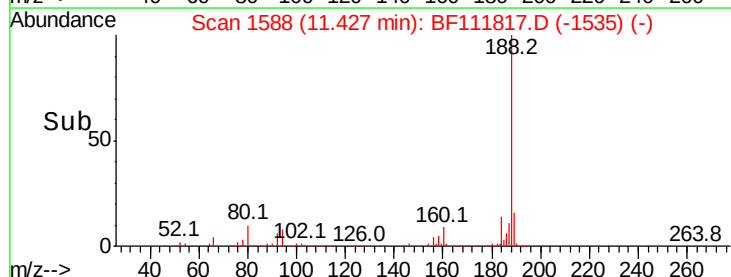
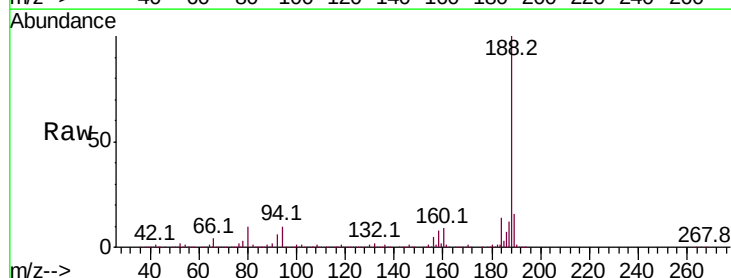
Tgt Ion: 188 Resp: 989959

Ion Ratio Lower Upper

188 100

94 9.8 9.6 14.4

80 10.0 9.8 14.6



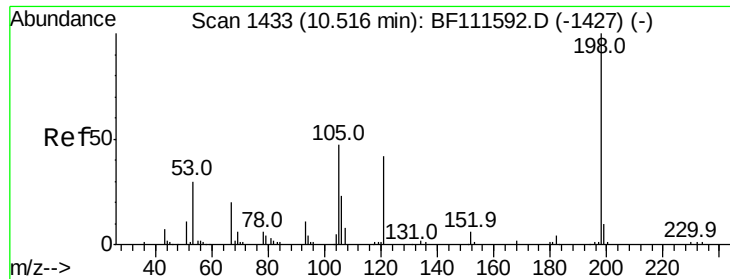
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

11.40 11.45



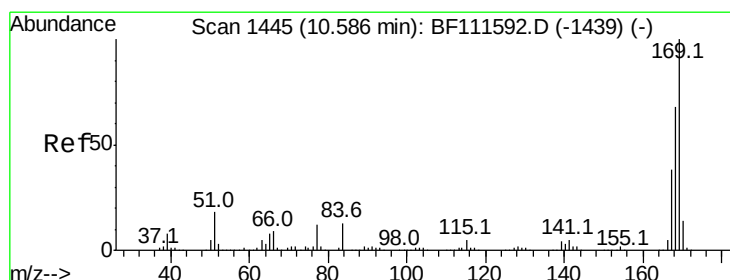
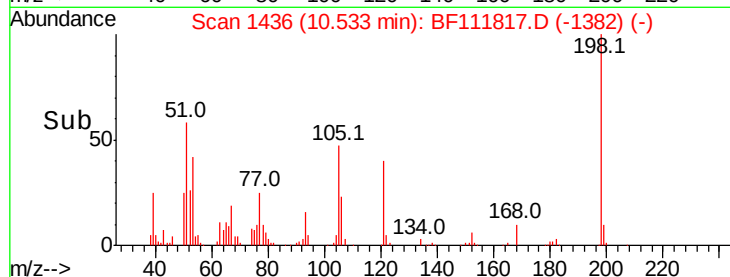
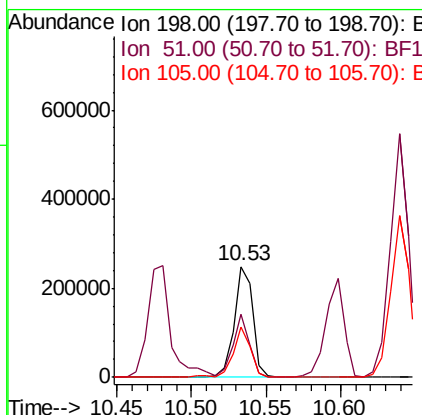
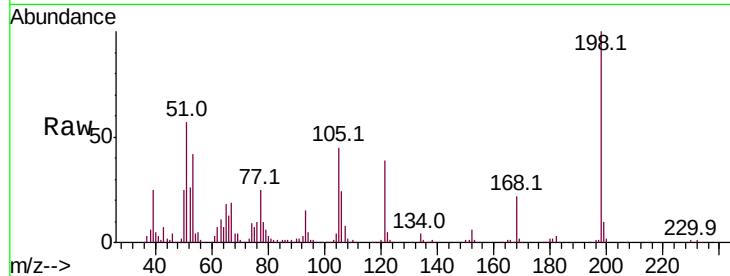
#65
4,6-Dinitro-2-methylphenol
Concen: 53.127 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	220765		
51	56.6	48.0	88.0	
105	45.4	34.0	74.0	

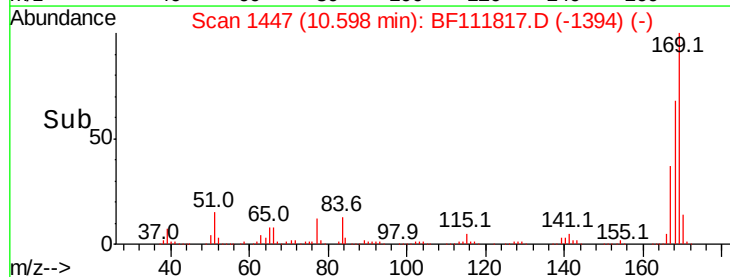
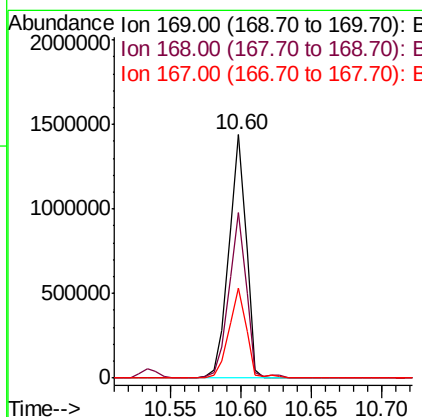
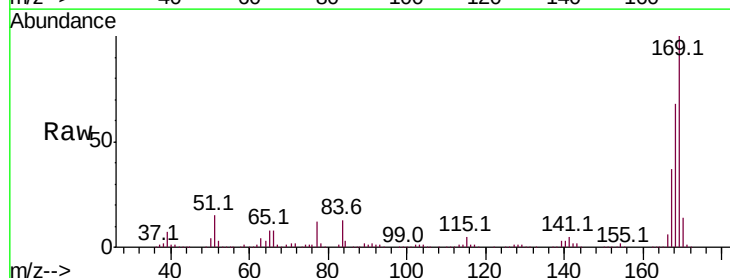
Manual Integrations
APPROVED

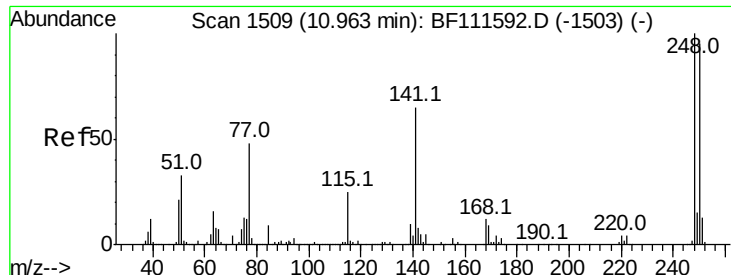
Sohil
1/4/2019 9:56:31 AM



#66
n-Nitrosodiphenylamine
Concen: 36.932 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1227287		
168	67.8	54.4	81.6	
167	36.8	30.5	45.7	





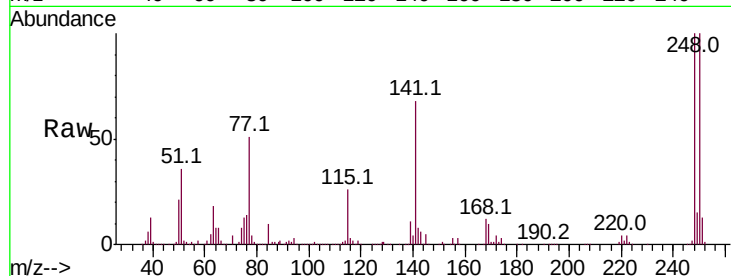
#67
4-Bromophenyl-phenylether
Concen: 38.820 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.0	115.4
141	67.6	63.0	94.6

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM

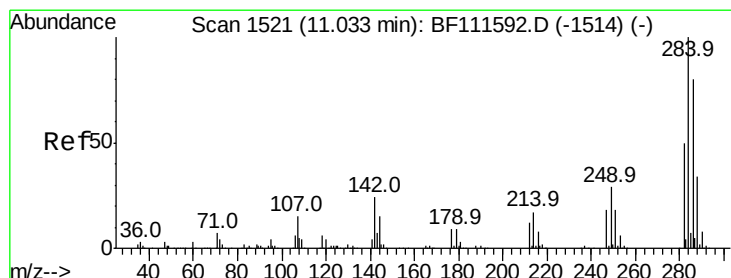
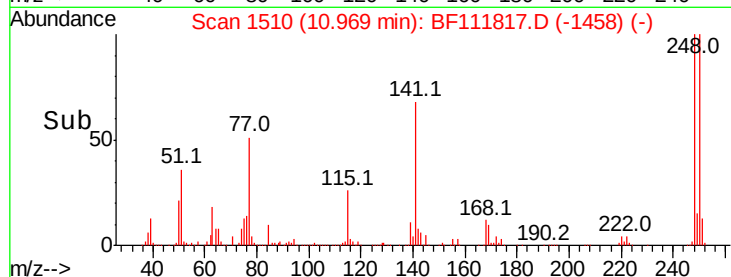
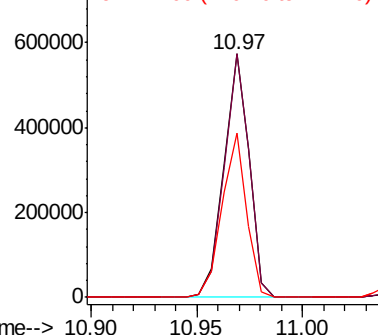


Abundance

Ion 248.00 (247.70 to 248.70): E

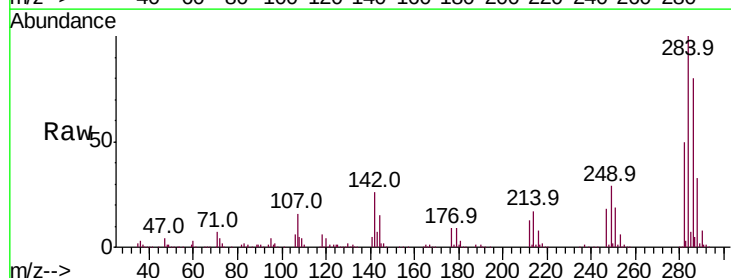
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.871 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	27.4	41.2#
249	29.4	24.4	36.6

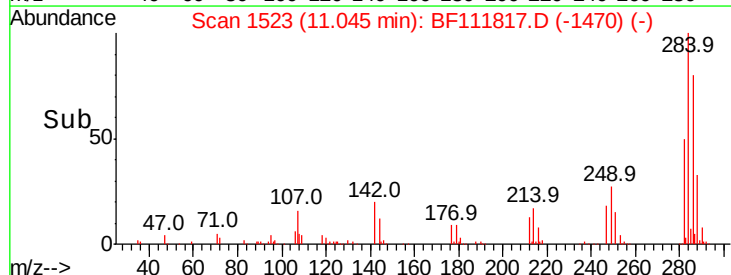
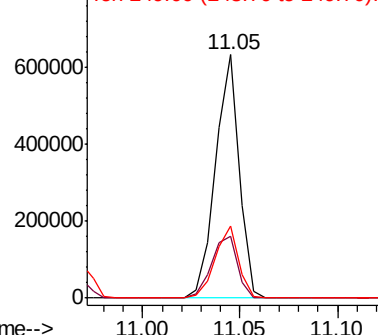


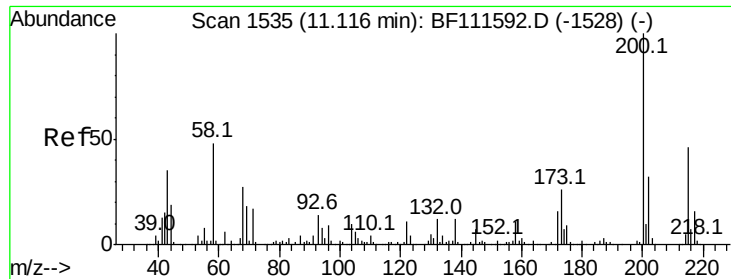
Abundance

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





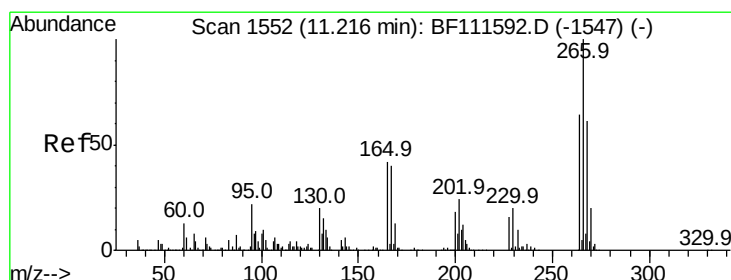
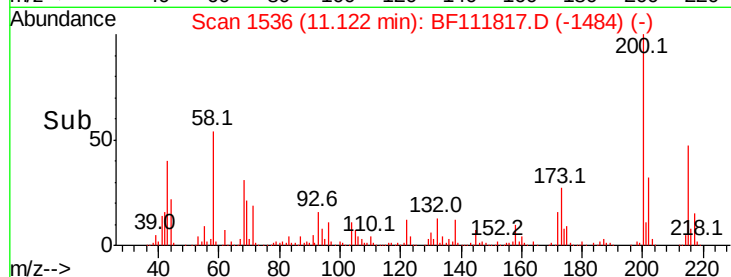
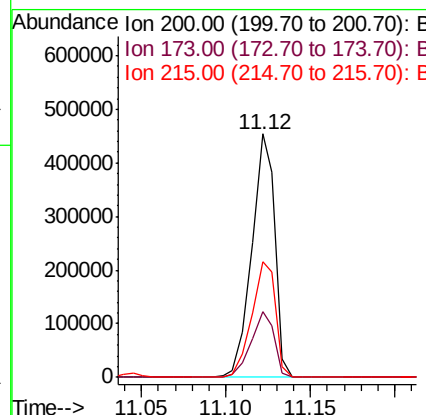
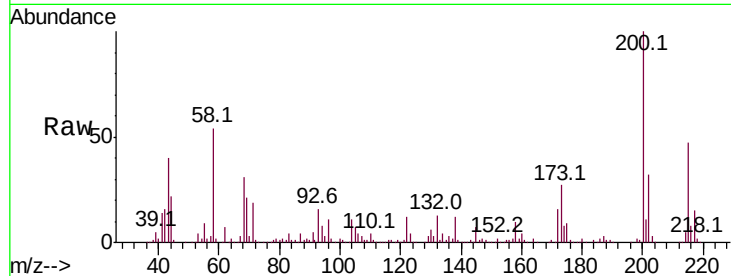
#69
Atrazine
Concen: 37.490 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	10.1	50.1
215	47.4	26.9	66.9

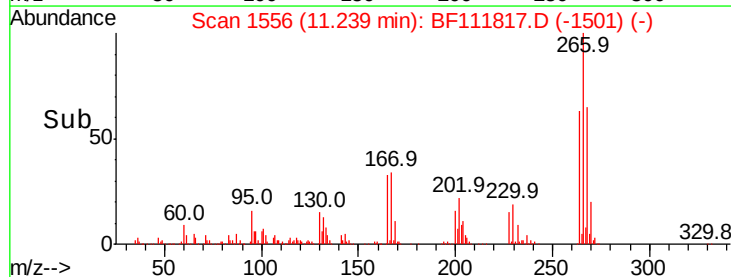
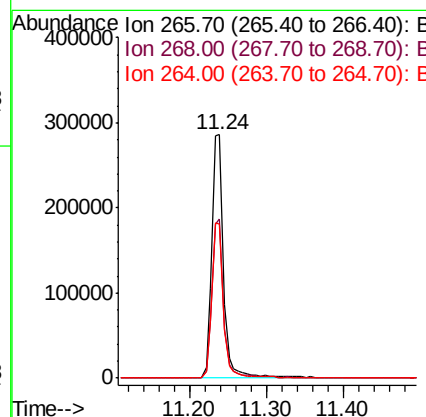
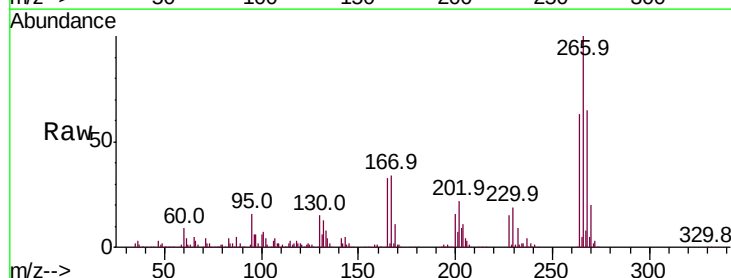
Manual Integrations
APPROVED

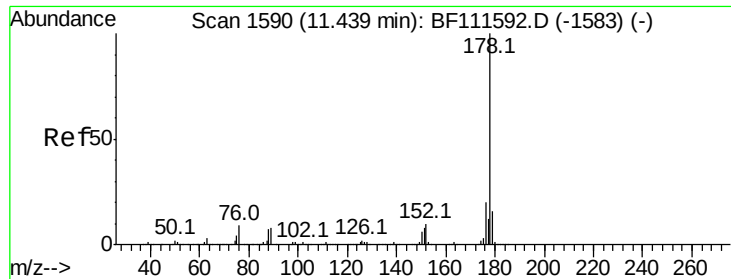
Sohil
1/4/2019 9:56:31 AM



#70
Pentachlorophenol
Concen: 36.086 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	47.9	71.9
264	63.0	49.1	73.7





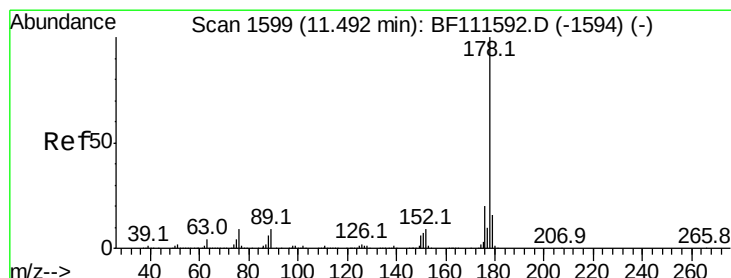
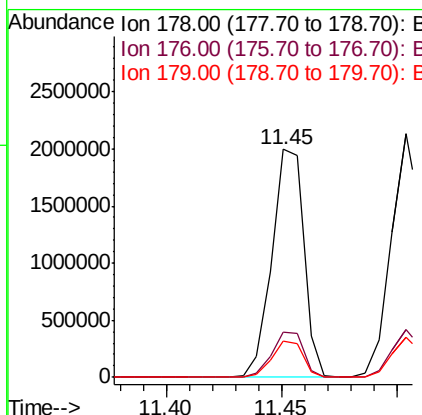
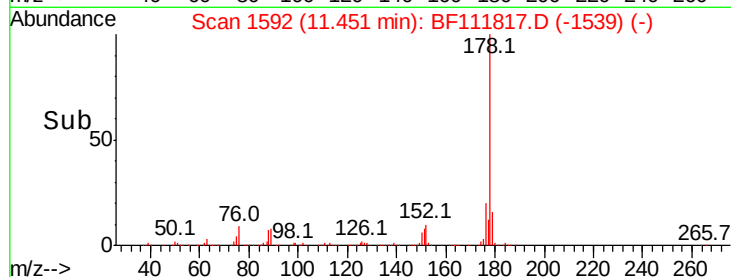
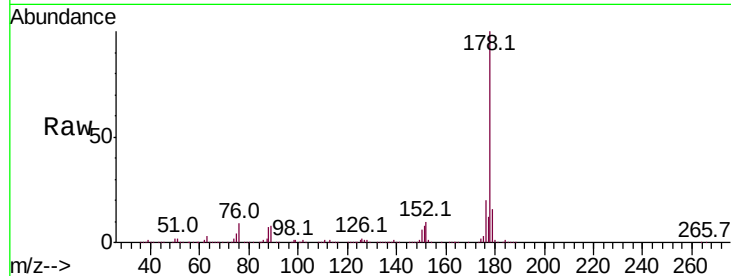
#71
Phenanthrene
Concen: 36.590 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1921013
Ion Ratio Lower Upper
178 100
176 20.0 18.1 27.1
179 16.2 14.0 21.0

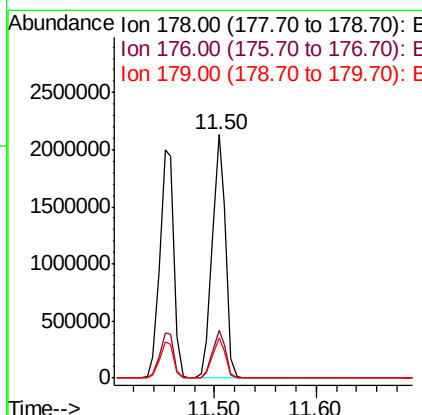
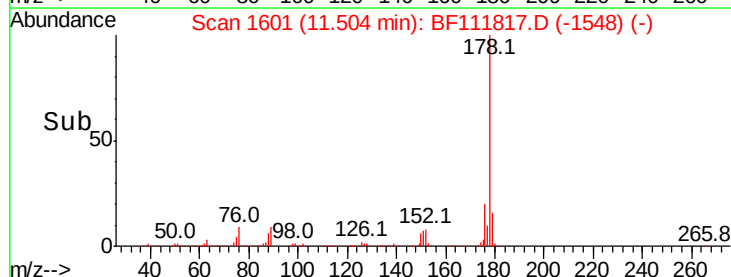
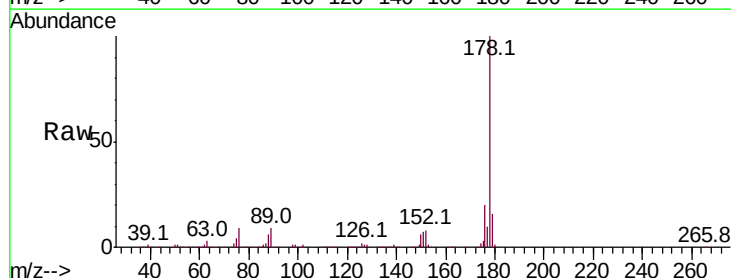
Manual Integrations
APPROVED

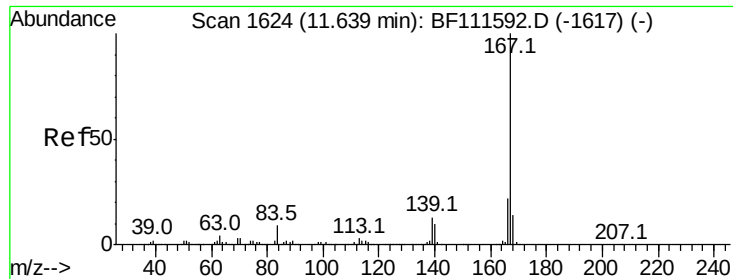
Sohil
1/4/2019 9:56:31 AM



#72
Anthracene
Concen: 36.840 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion:178 Resp: 1941354
Ion Ratio Lower Upper
178 100
176 19.8 17.2 25.8
179 16.4 13.8 20.8





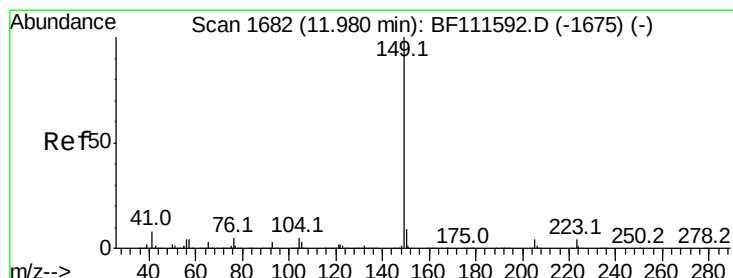
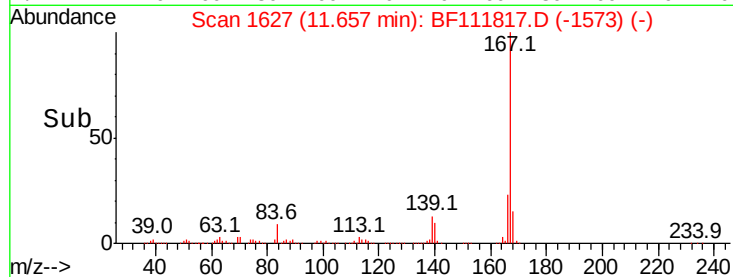
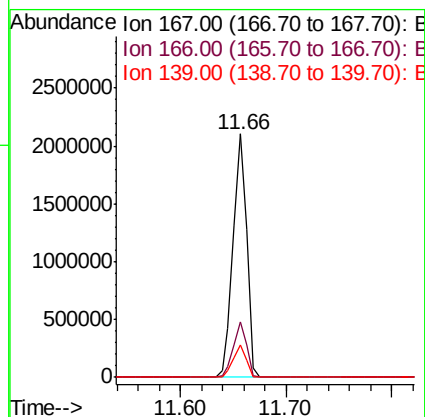
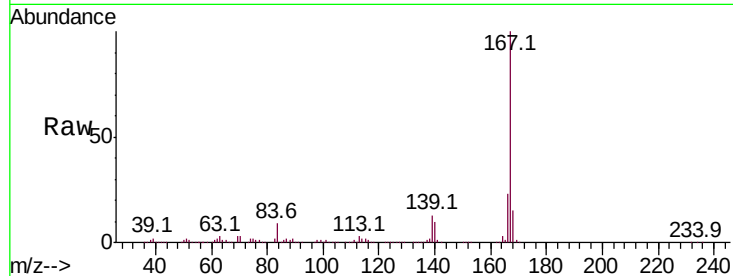
#73
 Carbazole
 Concen: 36.602 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.3	28.9
139	13.2	11.9	17.9

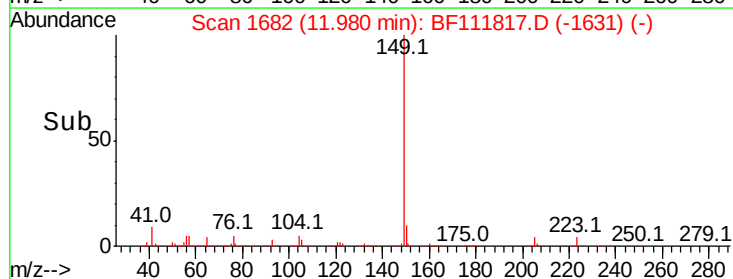
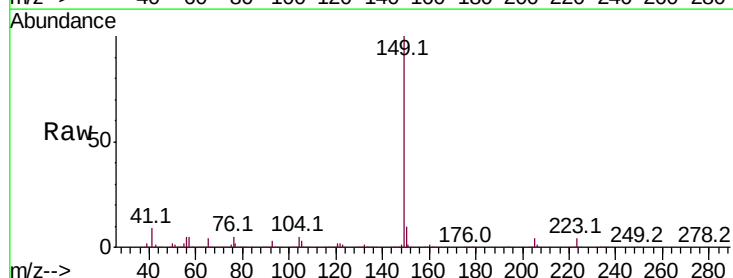
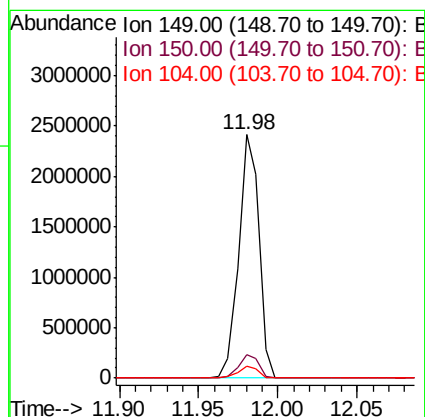
Manual Integrations
 APPROVED

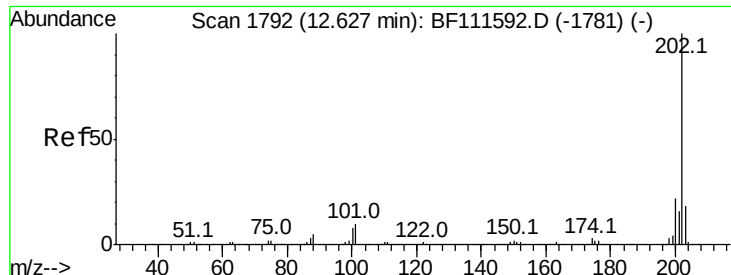
Sohil
 1/4/2019 9:56:31 AM



#74
 Di-n-butylphthalate
 Concen: 37.095 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.8	13.2
104	5.0	4.5	6.7





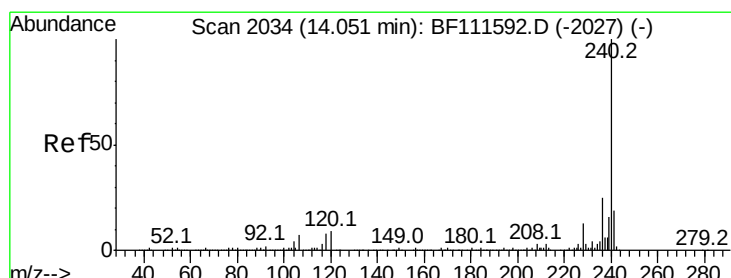
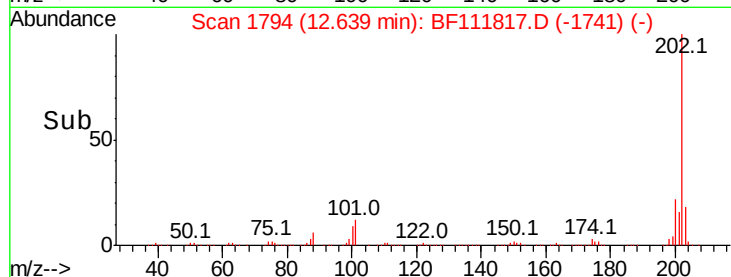
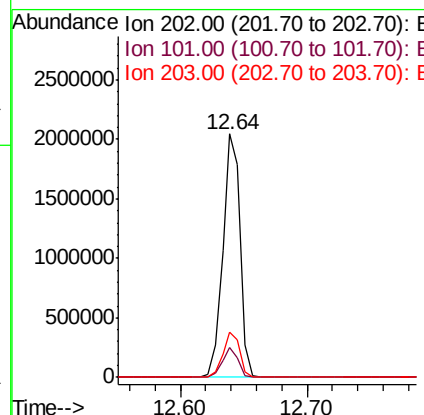
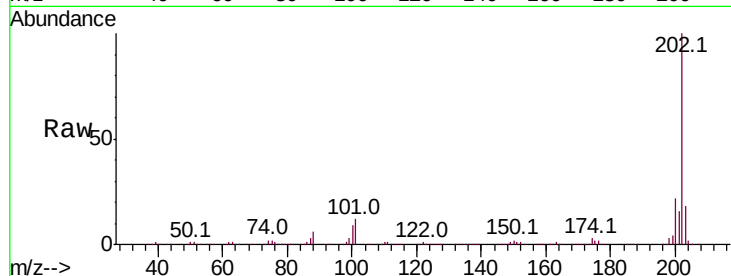
#75
Fluoranthene
Concen: 36.452 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.8
203	18.4	0.0	38.6

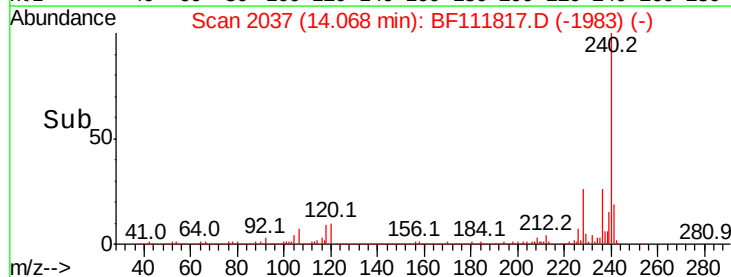
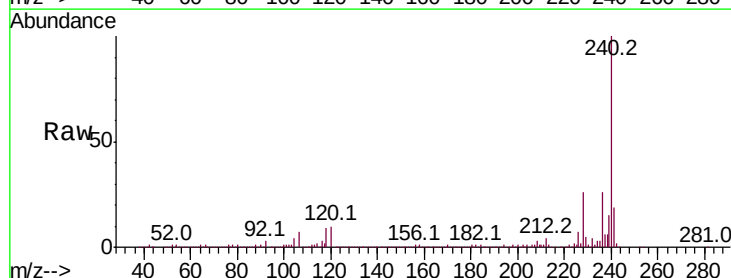
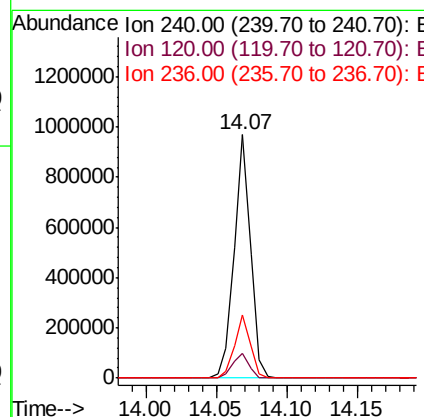
Manual Integrations
APPROVED

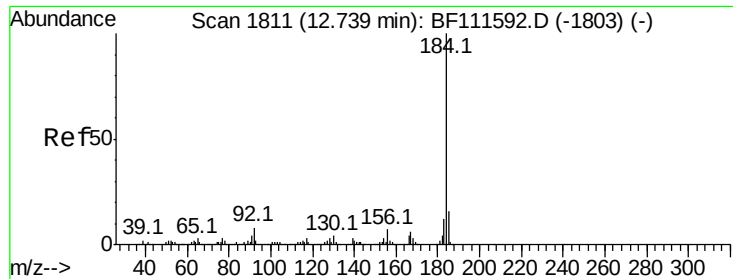
Sohil
1/4/2019 9:56:31 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	25.8	20.2	30.2





#77

Benzidine

Concen: 33.679 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

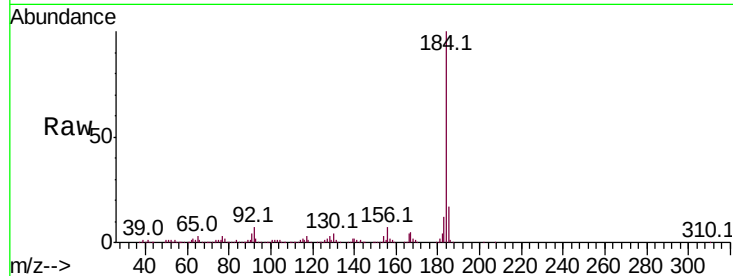
ClientSampleId :

SSTDCCC040

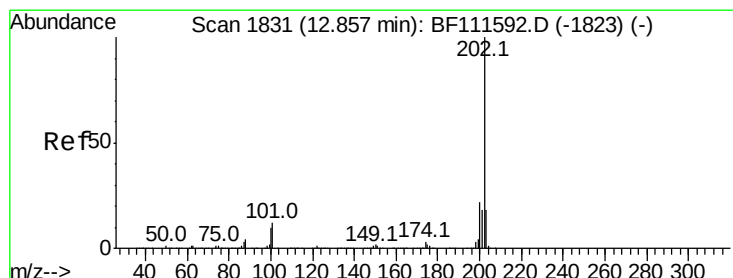
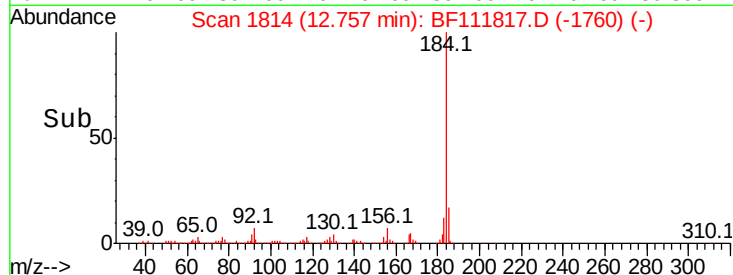
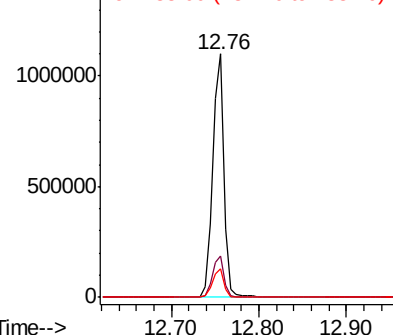
Tot Ion:184	Resp: 984732
Ion Ratio	Lower Upper
184 100	
185 17.1	13.0 19.6
183 11.9	9.3 13.9

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



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: 36.321 ng

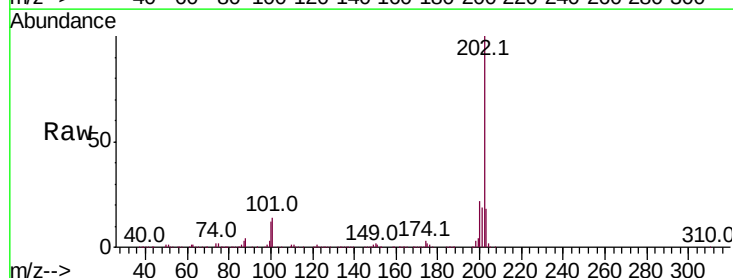
RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

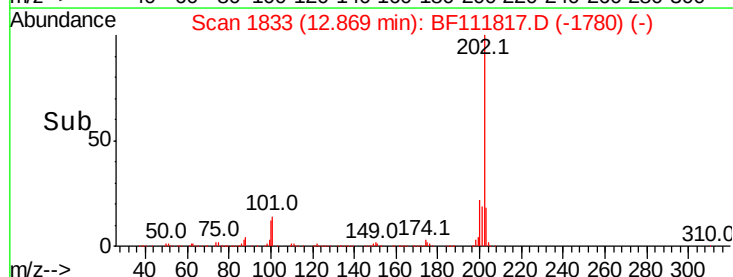
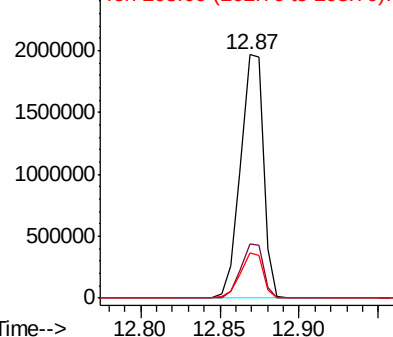
Lab File: BF111817.D

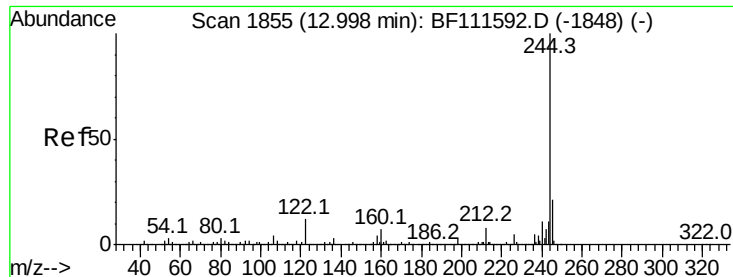
Acq: 3 Jan 2019 13:26

Tgt Ion:202	Resp: 1992991
Ion Ratio	Lower Upper
202 100	
200 22.4	19.0 28.4
203 18.3	15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





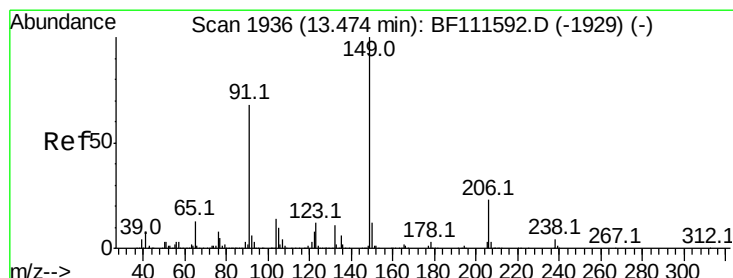
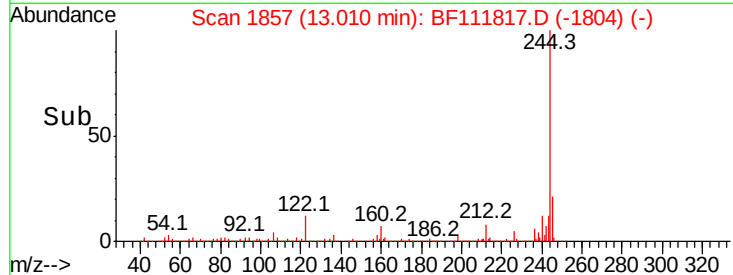
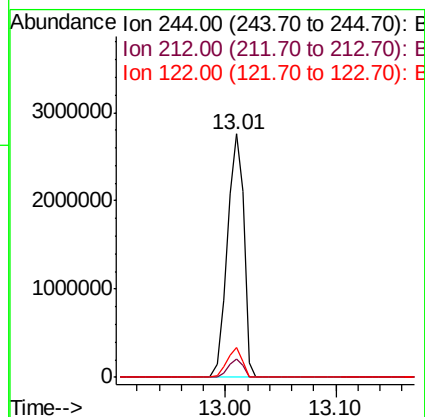
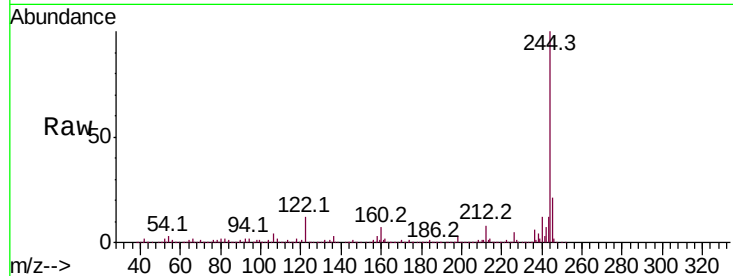
#79
 Terphenyl-d14
 Concen: 70.392 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	12.3	13.1	19.7

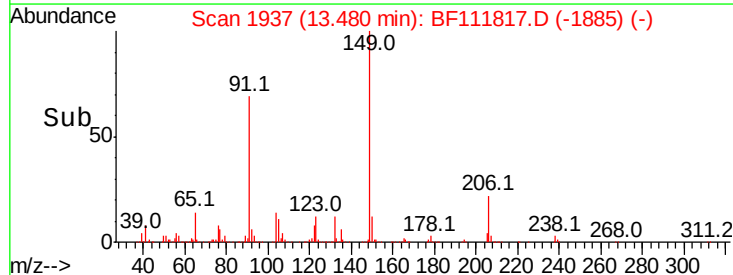
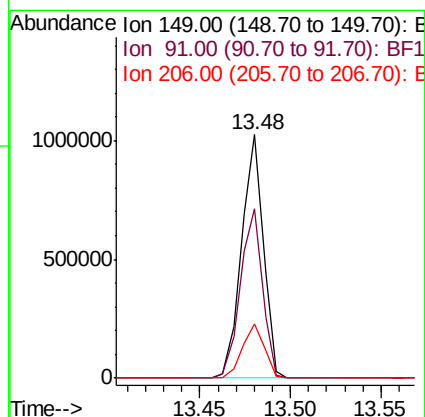
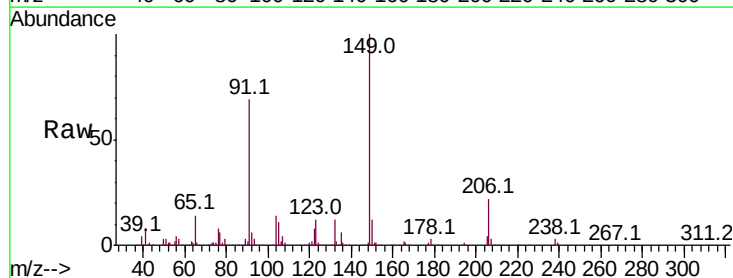
Manual Integrations
 APPROVED

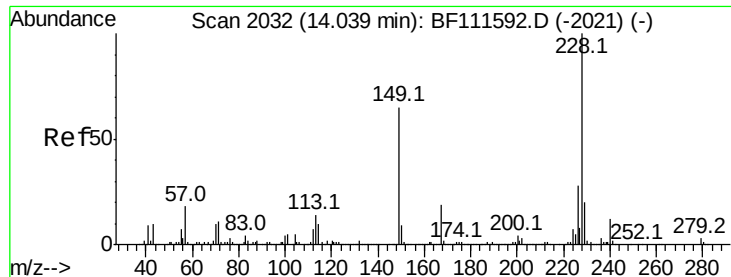
Sohil
 1/4/2019 9:56:31 AM



#80
 Butylbenzylphthalate
 Concen: 38.237 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	63.8	95.6
206	22.3	15.1	22.7





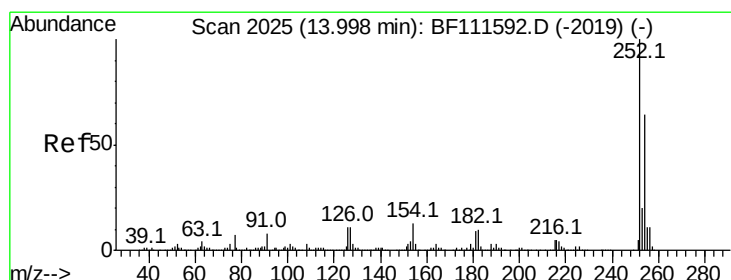
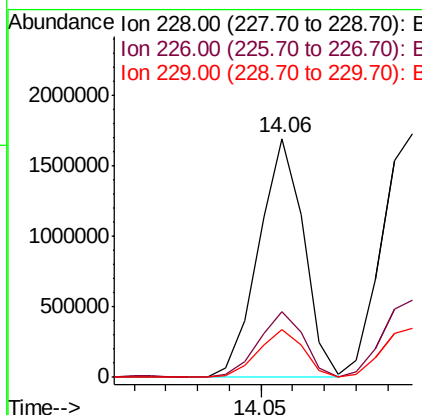
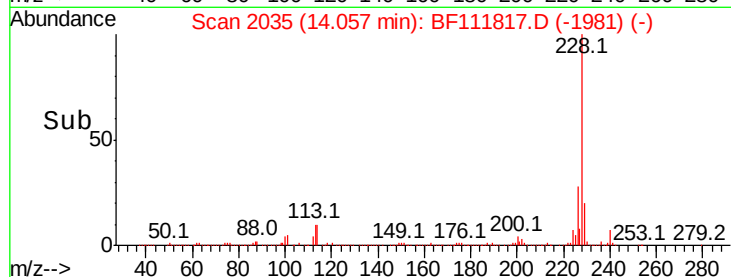
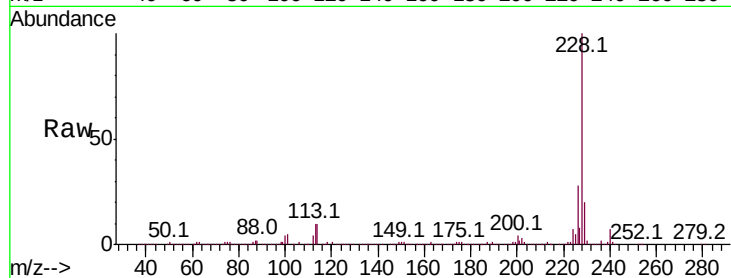
#81
Benzo(a)anthracene
Concen: 37.777 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1675200
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 19.8 16.3 24.5

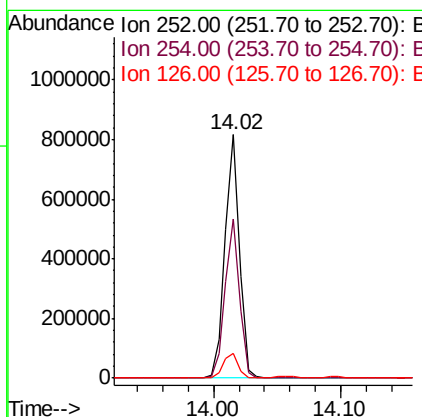
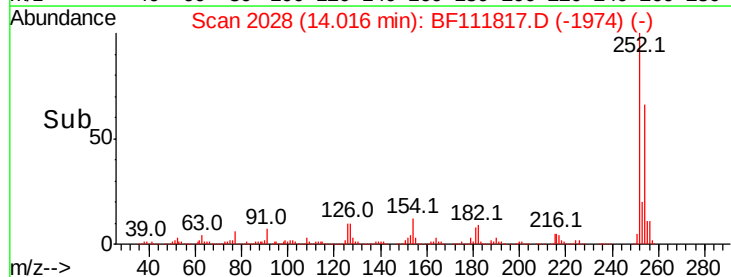
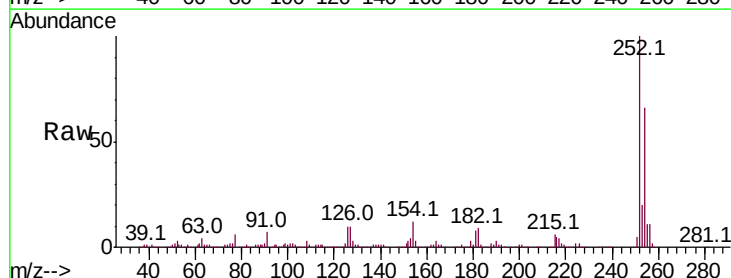
Manual Integrations
APPROVED

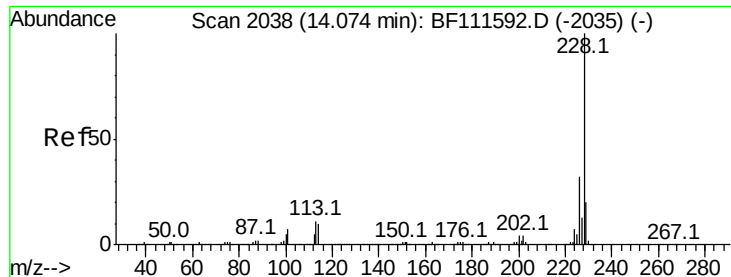
Sohil
1/4/2019 9:56:31 AM



#82
3,3'-Dichlorobenzidine
Concen: 37.089 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion:252 Resp: 649830
Ion Ratio Lower Upper
252 100
254 65.6 52.7 79.1
126 10.0 11.1 16.7#





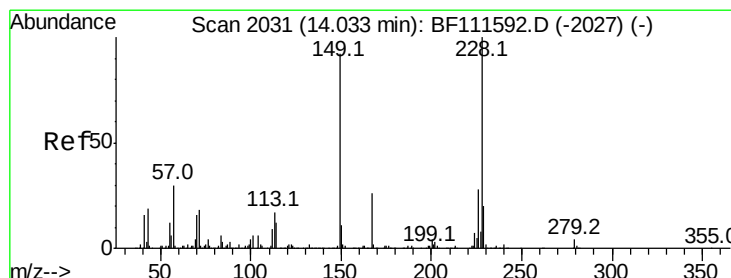
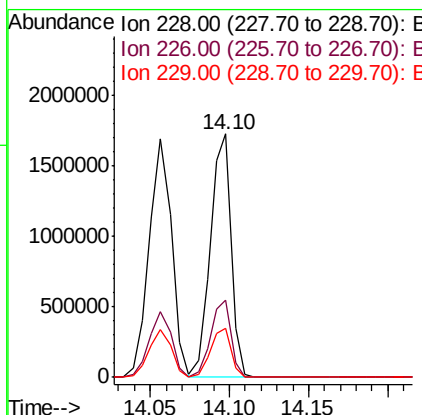
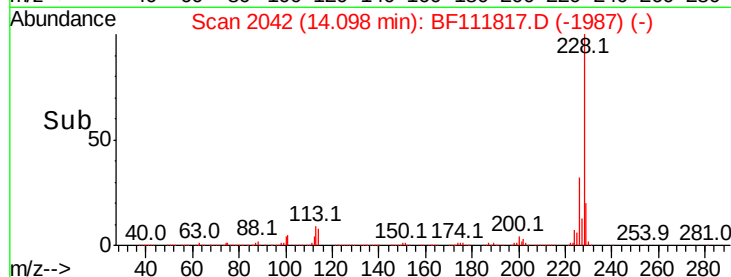
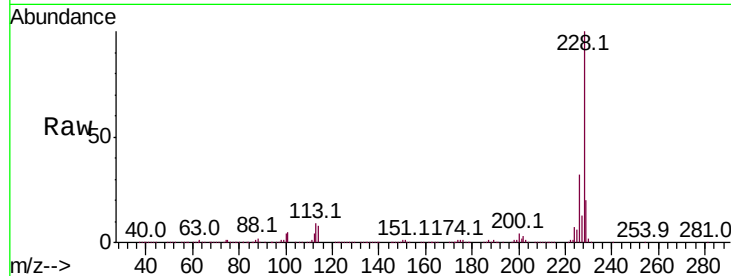
#83
 Chrysene
 Concen: 36.035 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1570514
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.3 37.9
 229 20.0 17.2 25.8

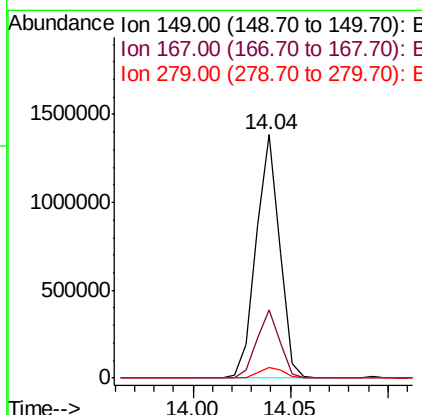
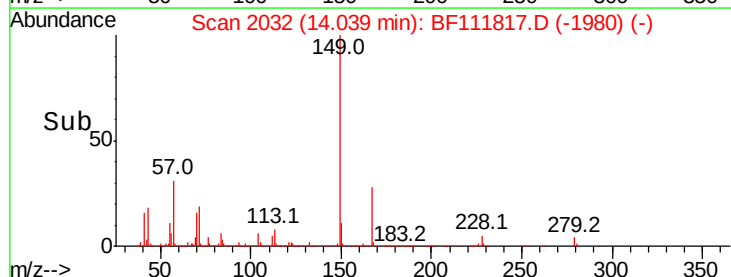
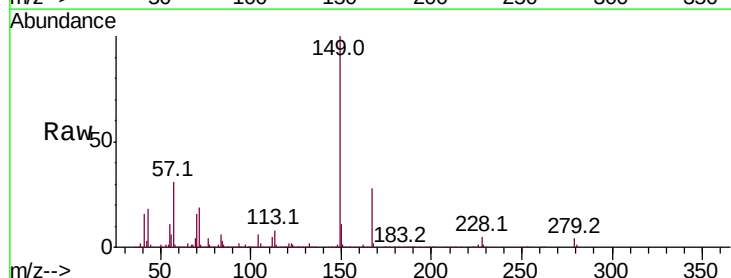
Manual Integrations
 APPROVED

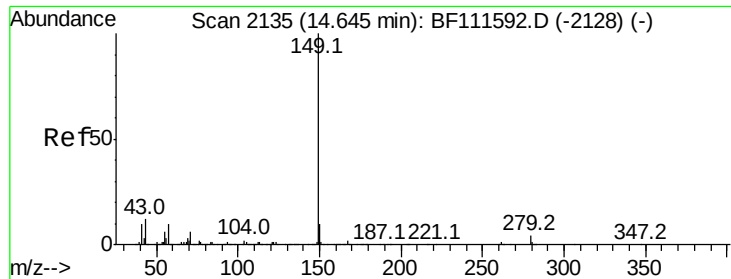
Sohil
 1/4/2019 9:56:31 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.023 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111817.D
 Acq: 3 Jan 2019 13:26

Tgt Ion:149 Resp: 1155779
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.5 33.7
 279 4.5 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 38.044 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1660663

Ion Ratio Lower Upper

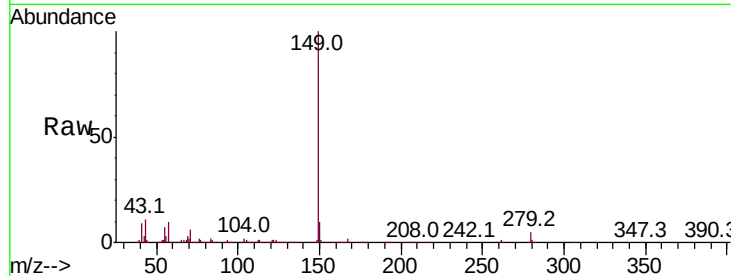
149 100

167 1.6 1.3 1.9

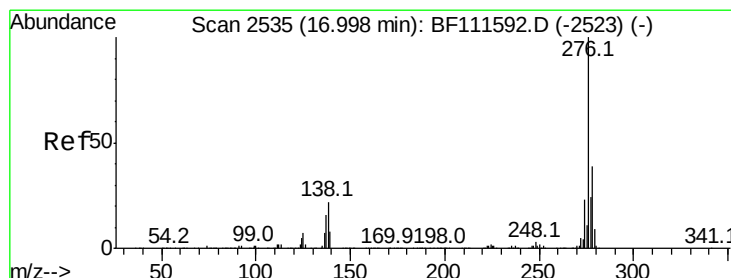
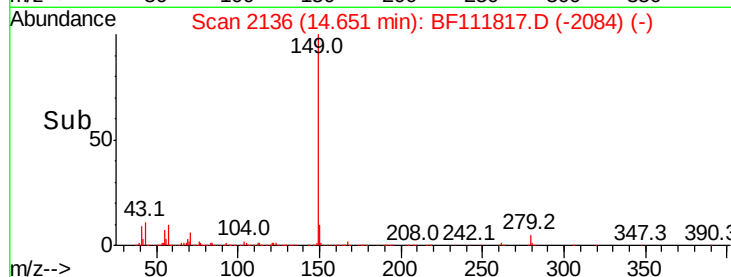
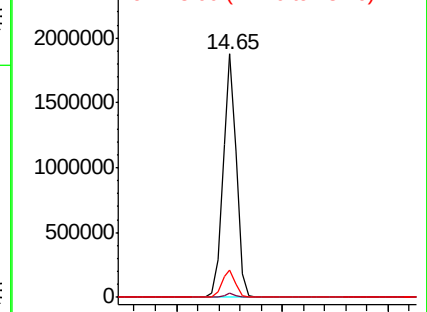
43 11.5 10.9 16.3

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



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: 34.594 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.06 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

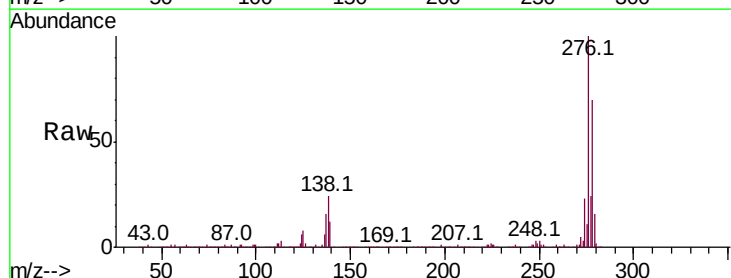
Tgt Ion:276 Resp: 1281737

Ion Ratio Lower Upper

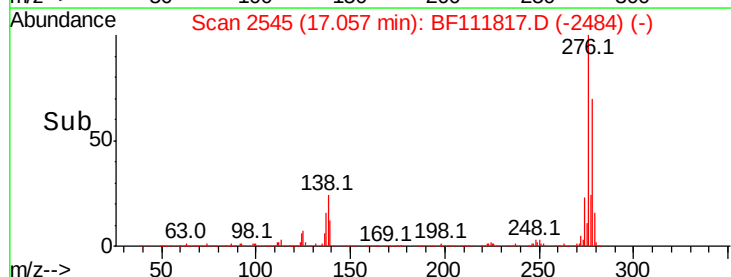
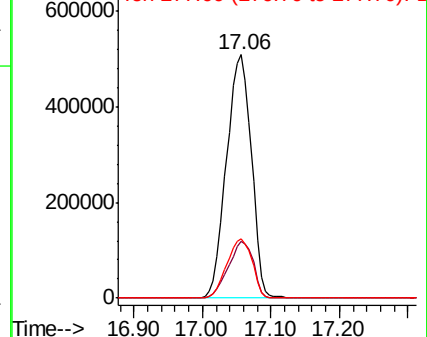
276 100

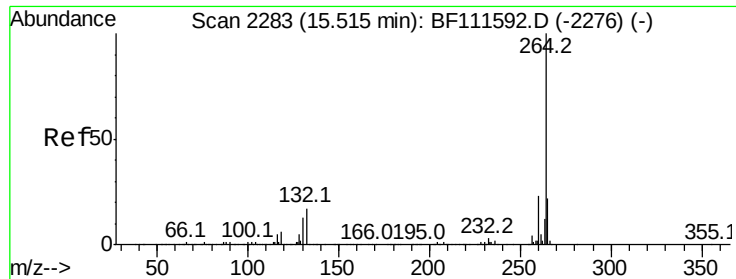
138 23.5 27.8 41.6#

277 24.9 20.1 30.1



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: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Instrument :

BNA_F

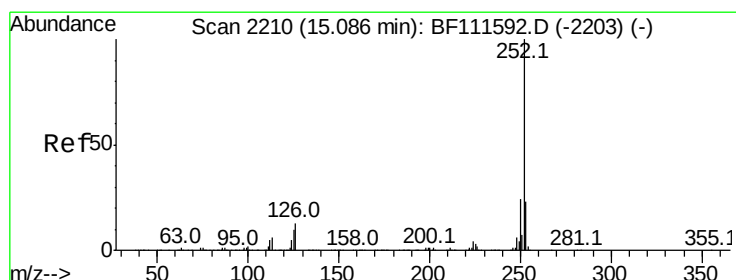
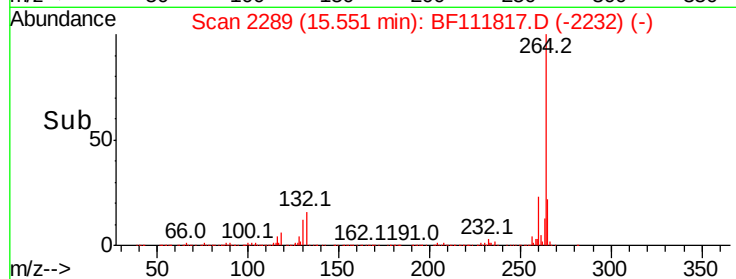
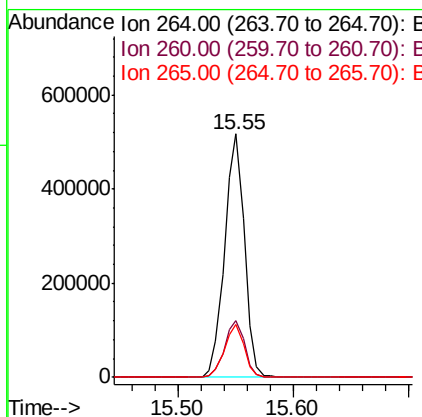
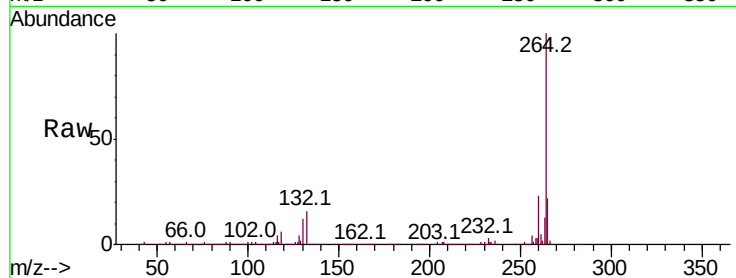
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.8	17.7	26.5

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



#88

Benzo(b)fluoranthene

Concen: 36.842 ng

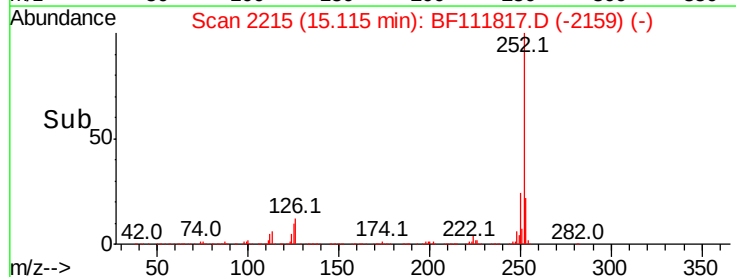
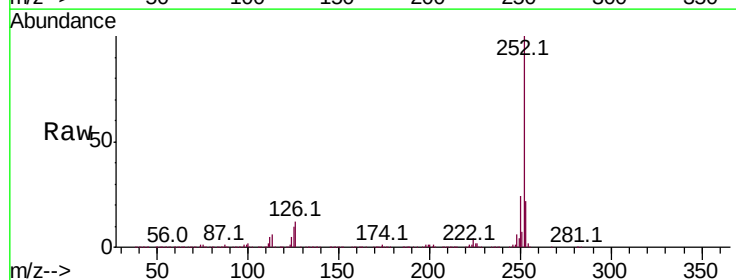
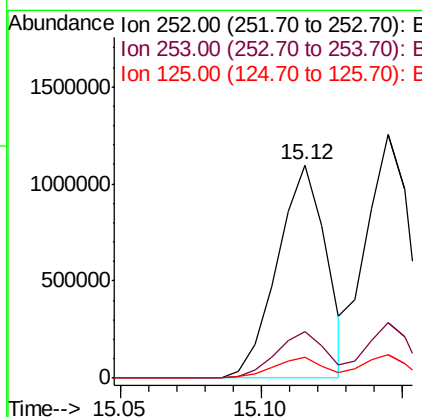
RT: 15.12 min Scan# 2215

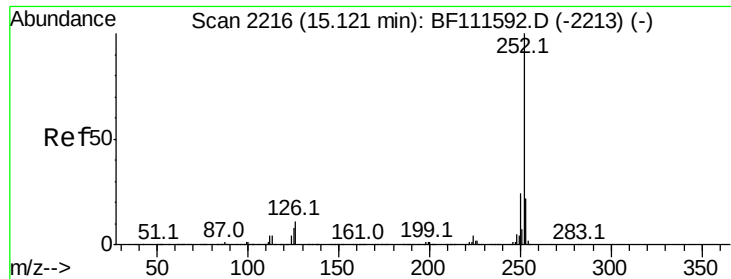
Delta R.T. 0.03 min

Lab File: BF111817.D

Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.6	10.4	15.6





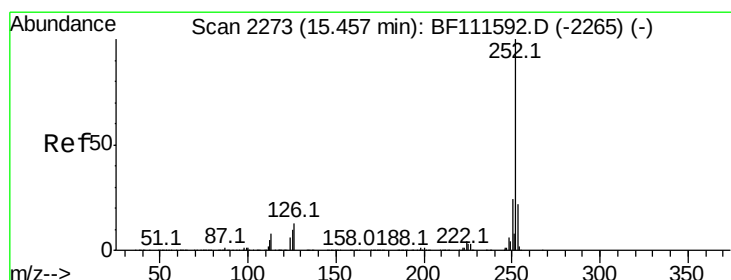
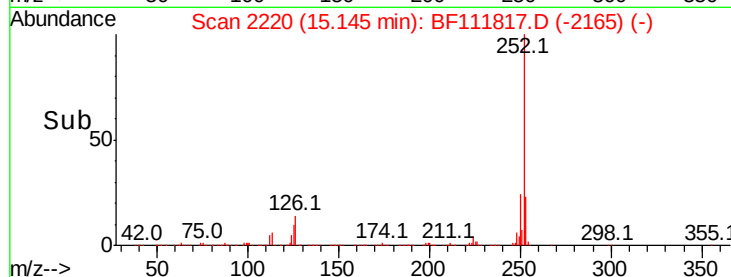
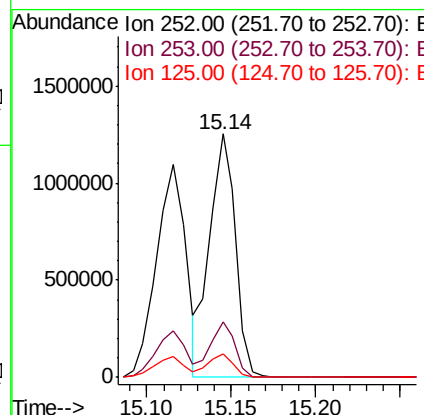
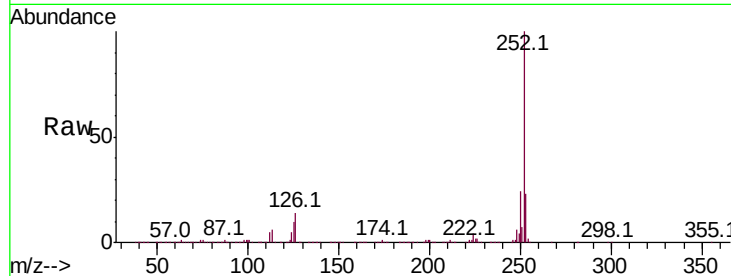
#89
Benzo(k)fluoranthene
Concen: 39.096 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.7	9.8	14.8

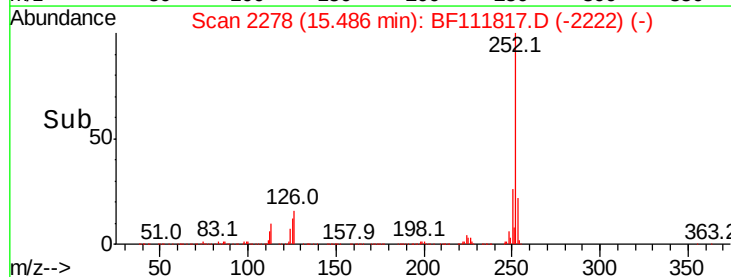
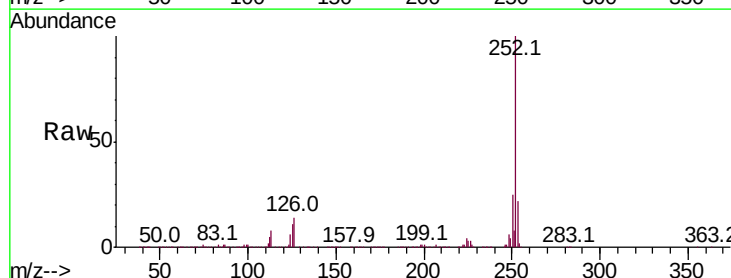
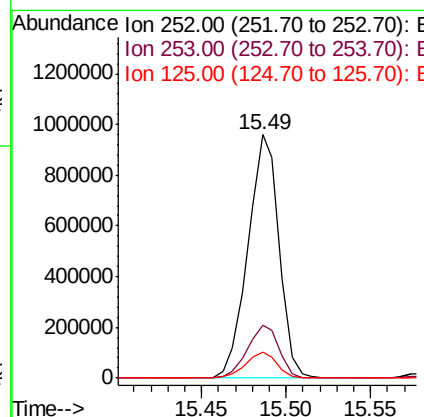
Manual Integrations
APPROVED

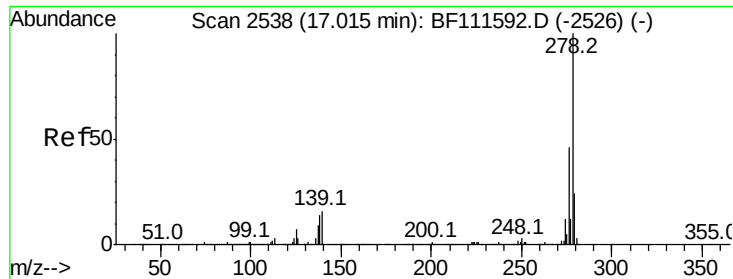
Sohil
1/4/2019 9:56:31 AM



#90
Benzo(a)pyrene
Concen: 37.711 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.8	12.3	18.5





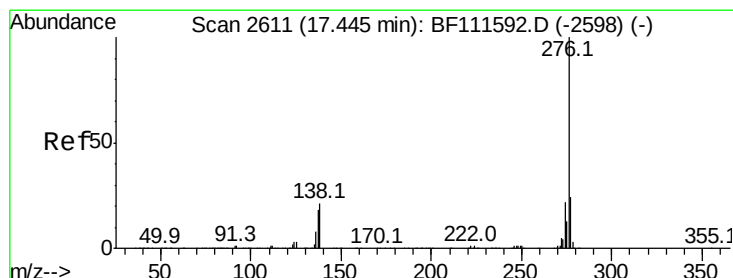
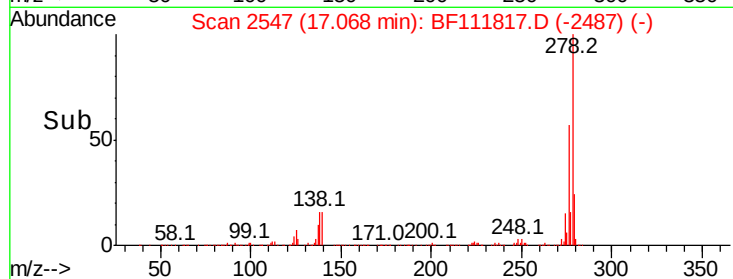
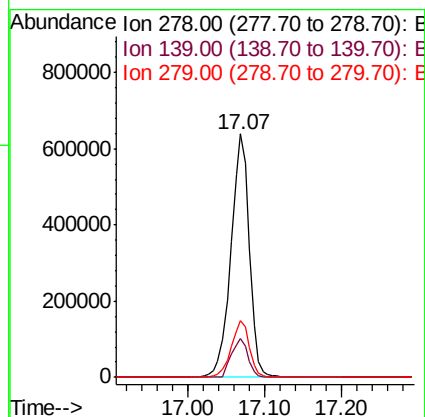
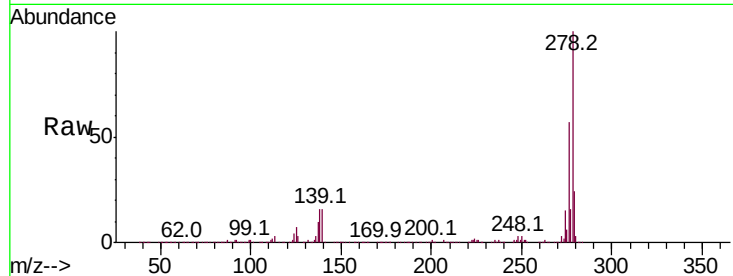
#91
Dibenzo(a,h)anthracene
Concen: 37.356 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1067362
Ion Ratio Lower Upper
278 100
139 16.0 18.2 27.4#
279 23.6 19.0 28.6

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:31 AM



#92
Benzo(g,h,i)perylene
Concen: 37.847 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.06 min
Lab File: BF111817.D
Acq: 3 Jan 2019 13:26

Tgt Ion:276 Resp: 1055942
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 20.5 24.9 37.3#

