

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112792.D
 Acq On : 1 Mar 2019 11:45
 Operator : JU/SJ
 Sample : PB117468BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:55:26 PM

Quant Time: Mar 01 22:45:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	216965	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	843165	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	403356	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	780176	20.00	ng	0.00
76) Chrysene-d12	13.88	240	540923	20.00	ng	0.00
87) Perylene-d12	15.29	264	454897	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1622768	116.35	ng	0.03
7) Phenol-d6	6.39	99	2097813	119.73	ng	0.02
23) Nitrobenzene-d5	7.30	82	1134997	80.55	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	609860	142.42	ng	0.01
45) 2-Fluorobiphenyl	9.10	172	2012634	81.87	ng	0.00
79) Terphenyl-d14	12.84	244	2137876	76.61	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	235629	33.702	ng	99
3) Pyridine	3.29	79	644322	34.446	ng	100
4) n-Nitrosodimethylamine	3.22	42	286844	35.056	ng	99
6) Aniline	6.40	93	607922	25.207	ng	# 80
8) 2-Chlorophenol	6.53	128	557953	35.936	ng	96
9) Benzaldehyde	6.29	77	196693	15.580	ng	100
10) Phenol	6.40	94	694151	33.951	ng	91
11) bis(2-Chloroethyl)ether	6.49	93	556830	35.483	ng	95
12) 1,3-Dichlorobenzene	6.69	146	599300	37.365	ng	99
13) 1,4-Dichlorobenzene	6.76	146	610663	37.965	ng	98
14) 1,2-Dichlorobenzene	6.92	146	555279	37.658	ng	99
15) Benzyl Alcohol	6.89	79	504799	37.784	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	911956	34.822	ng	98
17) 2-Methylphenol	7.00	107	473833	37.618	ng	99
18) Hexachloroethane	7.26	117	229791	37.295	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	397138	35.789	ng	100
20) 3+4-Methylphenols	7.16	107	548038	38.538	ng	98
22) Acetophenone	7.15	105	762459	38.673	ng	# 99
24) Nitrobenzene	7.32	77	620574	39.570	ng	99
25) Isophorone	7.57	82	1135988	37.422	ng	99
26) 2-Nitrophenol	7.64	139	313350	47.997	ng	93
27) 2,4-Dimethylphenol	7.69	122	518441	42.685	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	711581	37.492	ng	99
29) 2,4-Dichlorophenol	7.89	162	487689	41.406	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	521428	41.201	ng	99
31) Naphthalene	8.05	128	1658802	39.626	ng	99
32) Benzoic acid	7.82	122	410678	48.243	ng	94
33) 4-Chloroaniline	8.09	127	388403	21.906	ng	98
34) Hexachlorobutadiene	8.17	225	298446	41.815	ng	100
35) Caprolactam	8.46	113	163580m	39.432	ng	
36) 4-Chloro-3-methylphenol	8.58	107	505518	38.782	ng	98
37) 2-Methylnaphthalene	8.74	142	1110813	41.090	ng	100
38) 1-Methylnaphthalene	8.84	142	1046573	39.965	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	463548	39.410	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112792.D
 Acq On : 1 Mar 2019 11:45
 Operator : JU/SJ
 Sample : PB117468BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

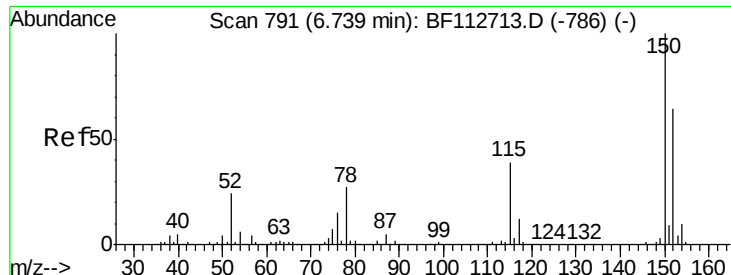
Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:55:26 PM

Quant Time: Mar 01 22:45:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	605548	94.014	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	357597	44.174	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	361019	41.260	nq	99
46) 1,1'-Biphenyl	9.20	154	1309225	39.794	nq	99
47) 2-Chloronaphthalene	9.23	162	1016837	39.582	nq	98
48) 2-Nitroaniline	9.32	65	331608	42.468	nq	98
49) Acenaphthylene	9.64	152	1638841	37.578	nq	100
50) Dimethylphthalate	9.50	163	1157979	38.935	nq	99
51) 2,6-Dinitrotoluene	9.56	165	267564	43.202	nq #	77
52) Acenaphthene	9.81	154	986188	38.668	nq	99
53) 3-Nitroaniline	9.72	138	210901	27.946	nq	93
54) 2,4-Dinitrophenol	9.83	184	267433	103.502	nq #	90
55) Dibenzofuran	9.98	168	1431461	38.618	nq	99
56) 4-Nitrophenol	9.89	139	490591	79.987	nq	97
57) 2,4-Dinitrotoluene	9.96	165	354842	46.092	nq	91
58) Fluorene	10.32	166	1037551	39.438	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	316975	43.481	nq	96
60) Diethylphthalate	10.20	149	1178425	37.516	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	501220	40.948	nq	96
62) 4-Nitroaniline	10.34	138	285929	41.002	nq	96
63) Azobenzene	10.47	77	1144377	35.568	nq	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	167449	51.829	nq #	71
66) n-Nitrosodiphenylamine	10.43	169	972926	38.884	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	339999	41.375	nq	96
68) Hexachlorobenzene	10.87	284	385076	41.570	nq #	92
69) Atrazine	10.96	200	301759	39.378	nq	98
70) Pentachlorophenol	11.06	266	426840	78.288	nq	98
71) Phenanthrene	11.28	178	1534636	39.535	nq	100
72) Anthracene	11.33	178	1584418	38.993	nq	100
73) Carbazole	11.48	167	1490265	37.597	nq	100
74) Di-n-butylphthalate	11.82	149	1772216	37.288	nq	99
75) Fluoranthene	12.46	202	1650456	39.686	nq	97
77) Benzidine	12.58	184	670155	23.880	nq	97
78) Pyrene	12.69	202	1678268	36.803	nq	99
80) Butylbenzylphthalate	13.31	149	774259	38.466	nq	95
81) Benzo(a)anthracene	13.87	228	1346476	35.916	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	389438	27.466	nq	99
83) Chrysene	13.91	228	1333825	36.322	nq	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	868297	36.777	nq	98
85) Di-n-octyl phthalate	14.48	149	1581482	39.009	nq	98
86) Indeno(1,2,3-cd)pyrene	16.65	276	1115324	35.626	nq	96
88) Benzo(b)fluoranthene	14.89	252	1285997m	43.706	nq	
89) Benzo(k)fluoranthene	14.92	252	1103371	41.399	nq	99
90) Benzo(a)pyrene	15.23	252	1120028	43.035	nq	98
91) Dibenzo(a,h)anthracene	16.67	278	920909	41.467	nq	98
92) Benzo(g,h,i)perylene	17.06	276	934282	41.895	nq	96

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



#1

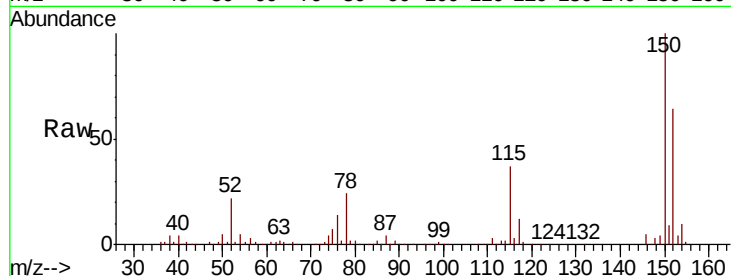
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	58.2	48.2	72.4

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM

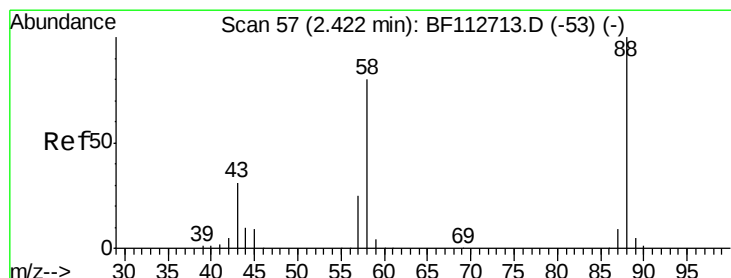
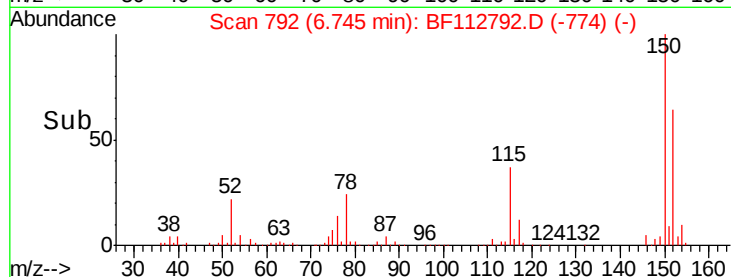
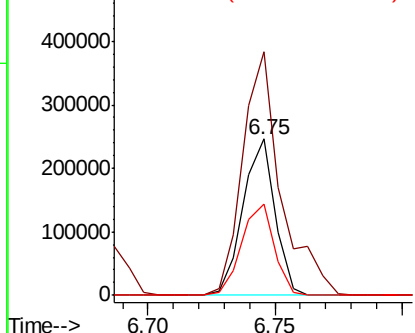


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

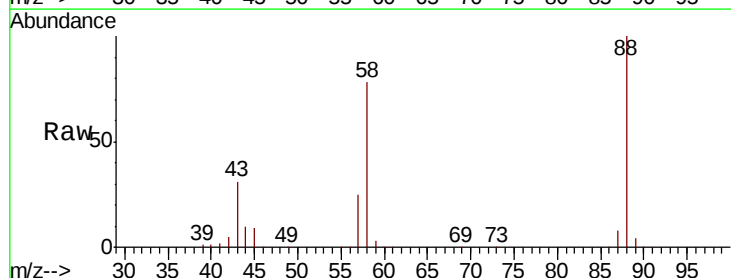
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.702 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.15 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	63.1	94.7
43	30.2	24.3	36.5

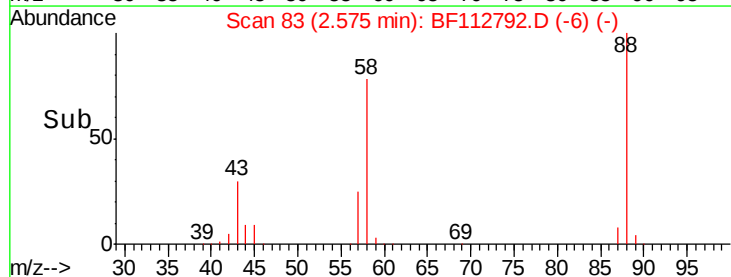
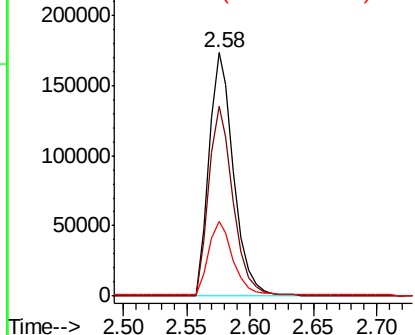


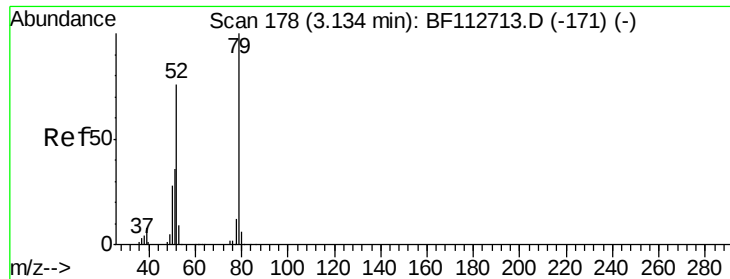
Abundance

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





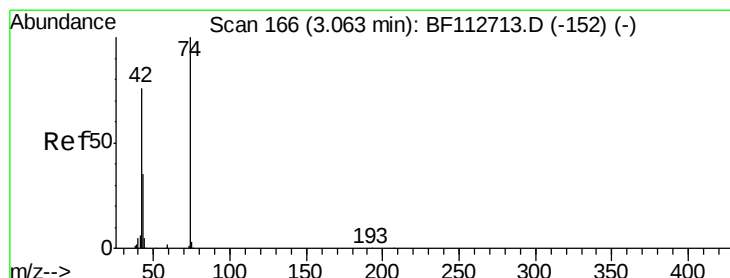
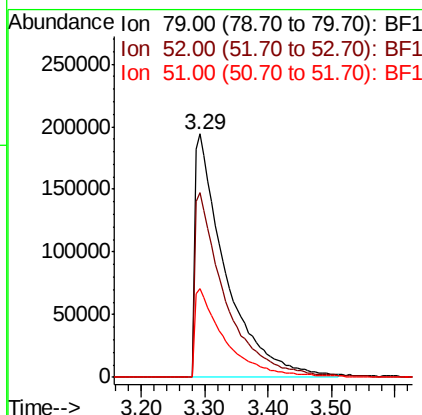
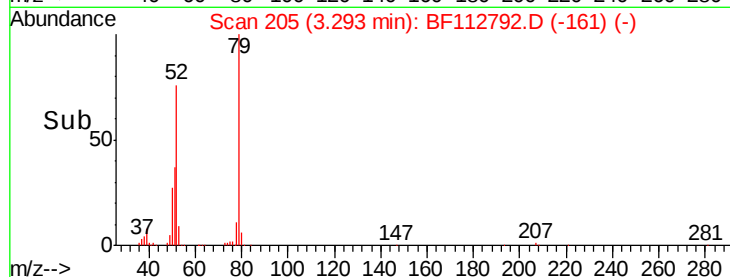
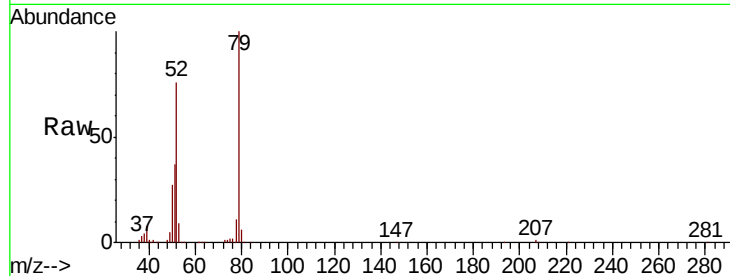
#3
 Pvridine
 Concen: 34.446 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.16 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.7	60.5	90.7
51	36.7	28.8	43.2

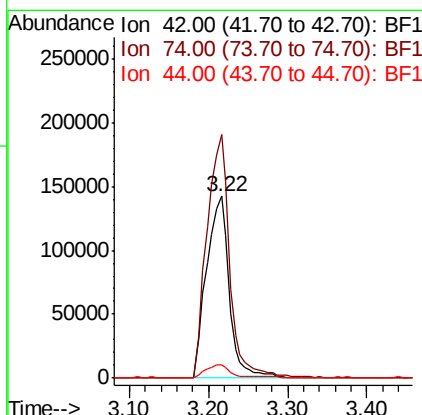
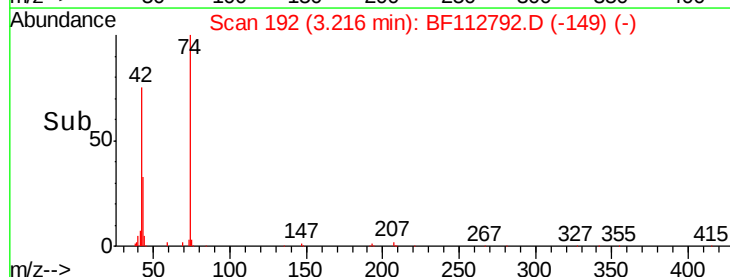
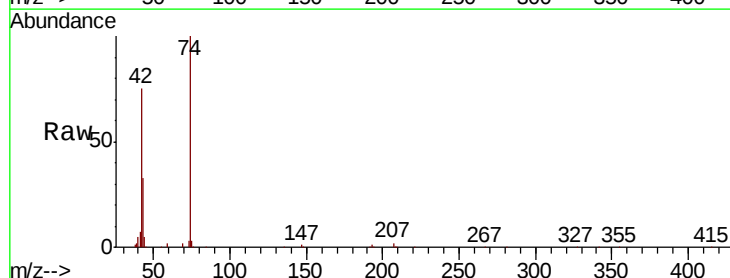
Manual Integrations
 APPROVED

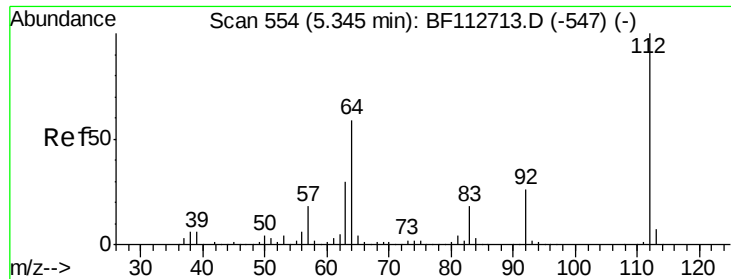
Sohil
 3/4/2019 4:55:26 PM



#4
 n-Nitrosodimethylamine
 Concen: 35.056 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.15 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.8	105.8	158.8
44	7.0	6.2	9.2





#5

2-Fluorophenol

Concen: 116.345 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.03 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

ClientSampleId :

PB117468BS

Tot Ion:112 Resp: 1622768

Ion Ratio Lower Upper

112 100

64 62.4 47.6 71.4

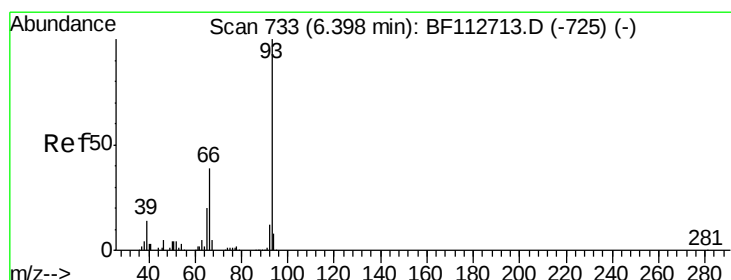
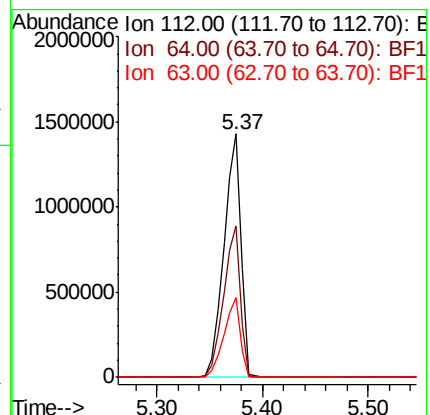
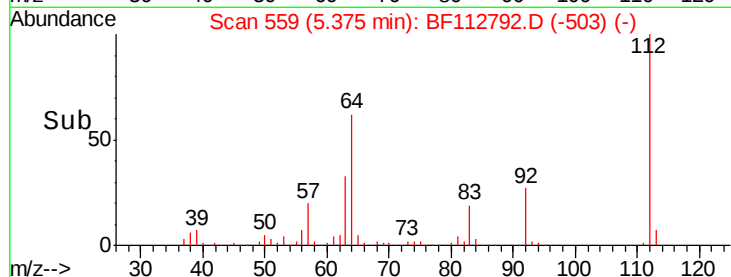
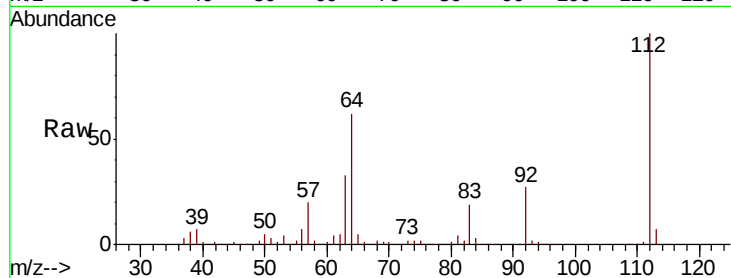
63 32.5 24.4 36.6

Manual Integrations

APPROVED

Sohil

3/4/2019 4:55:26 PM



#6

Aniline

Concen: 25.207 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

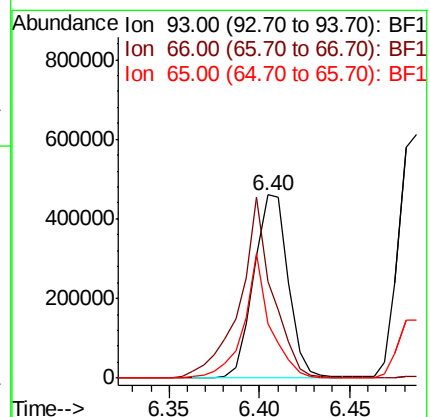
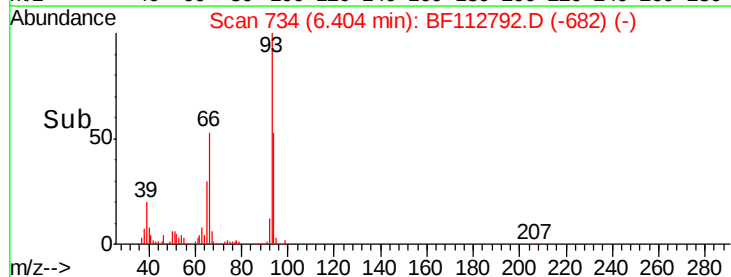
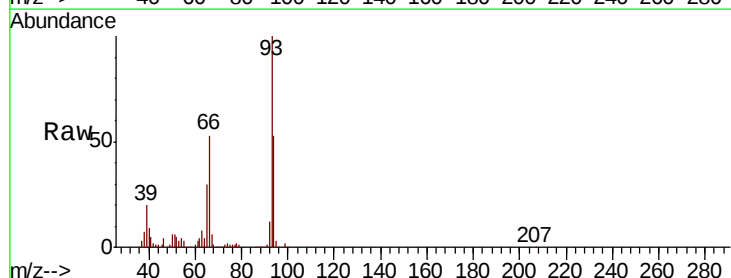
Tgt Ion: 93 Resp: 607922

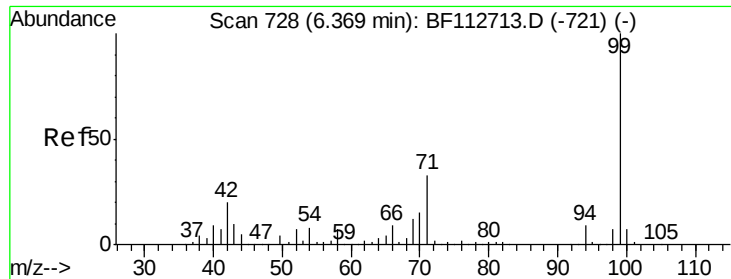
Ion Ratio Lower Upper

93 100

66 52.9 32.2 48.2#

65 29.8 16.2 24.4#





#7

Phenol-d6

Concen: 119.733 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

ClientSampleId :

PB117468BS

Tot Ion: 99 Resp: 2097813

Ion Ratio Lower Upper

99 100

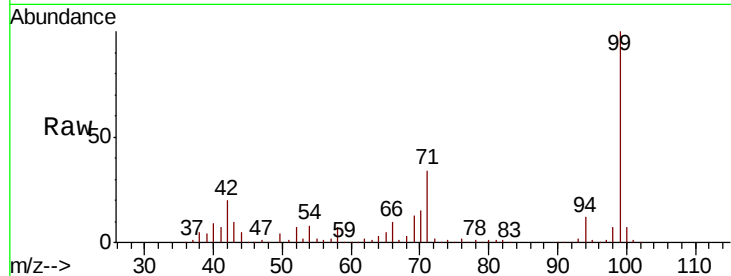
42 19.8 16.3 24.5

71 34.1 26.2 39.4

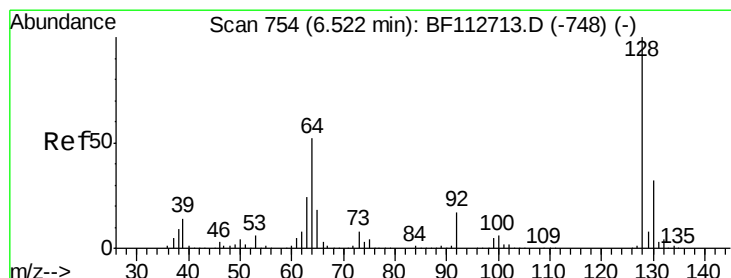
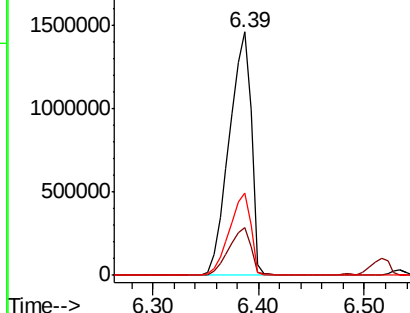
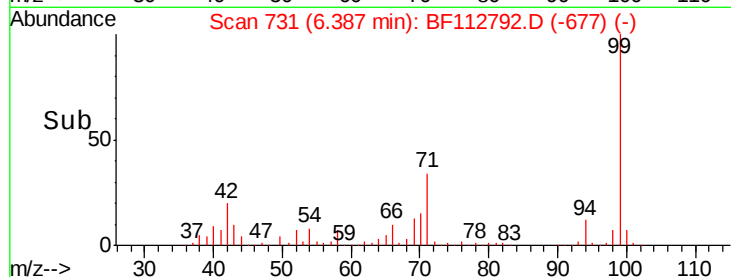
Manual Integrations
APPROVED

Sohil

3/4/2019 4:55:26 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.936 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

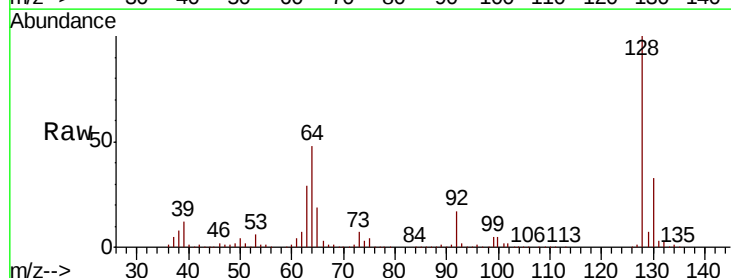
Tgt Ion: 128 Resp: 557953

Ion Ratio Lower Upper

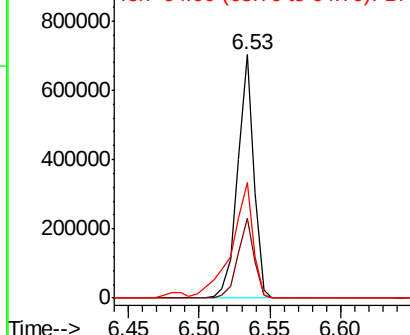
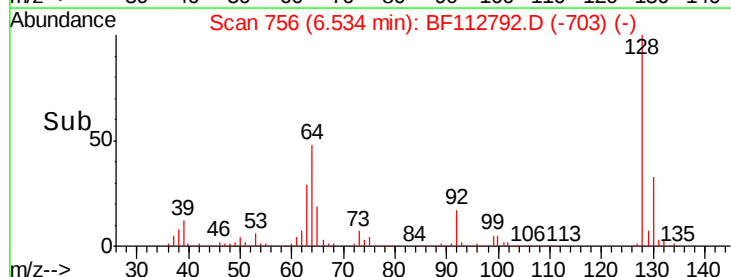
128 100

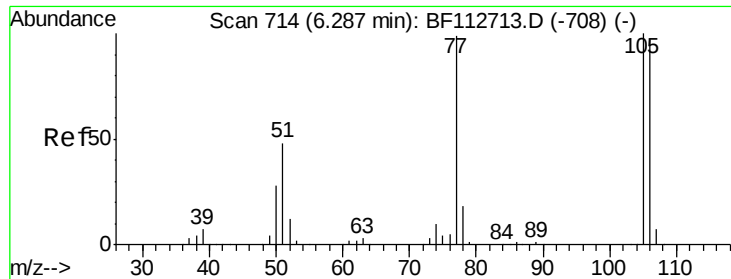
130 33.0 12.4 52.4

64 47.7 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.580 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

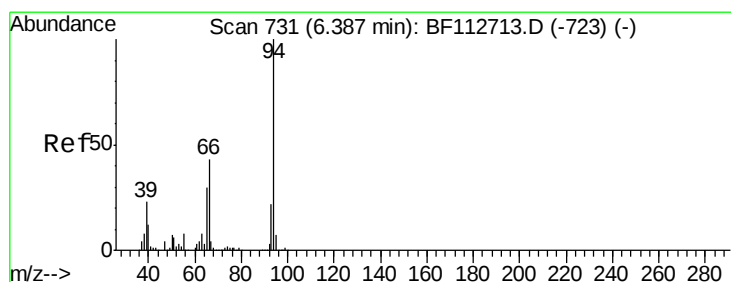
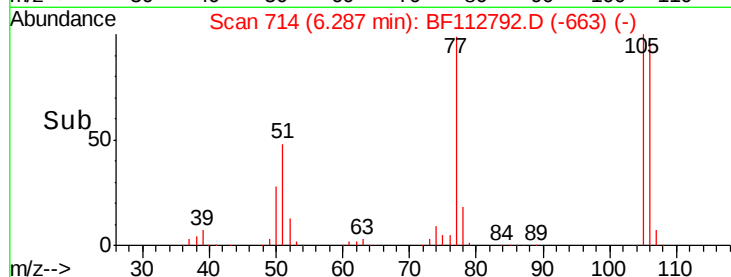
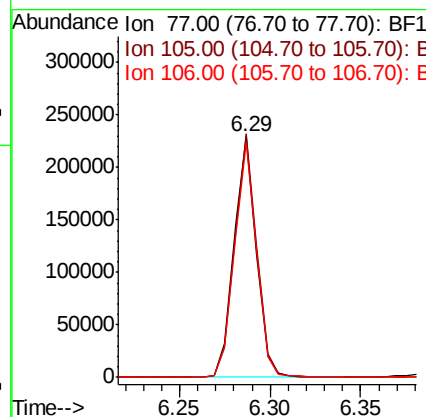
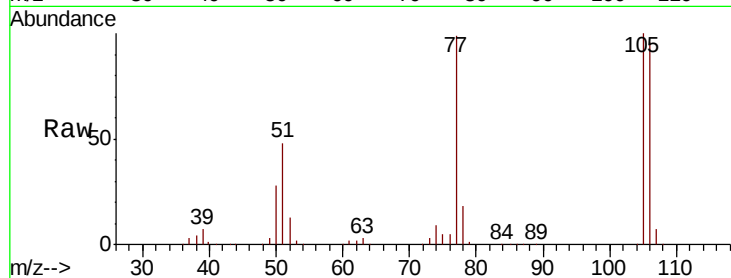
ClientSampleId :

PB117468BS

Tot Ion:	77	Resp:	196693
Ion Ratio	Lower	Upper	
77	100		
105	101.2	81.4	121.4
106	97.5	78.3	118.3

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



#10

Phenol

Concen: 33.951 ng

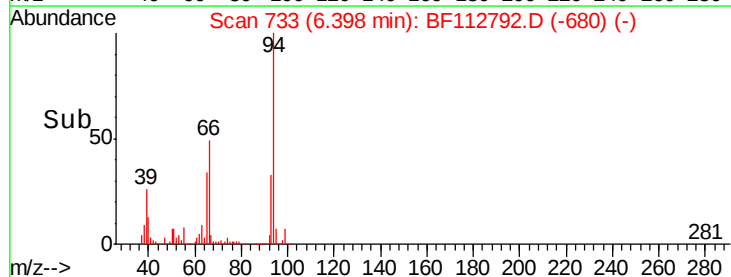
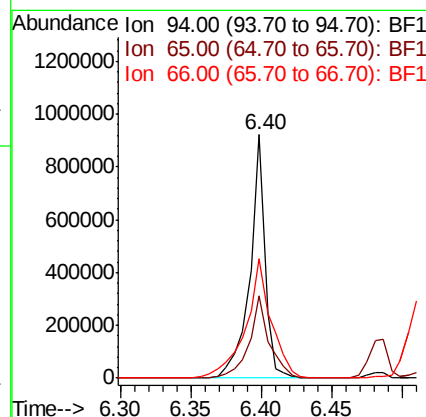
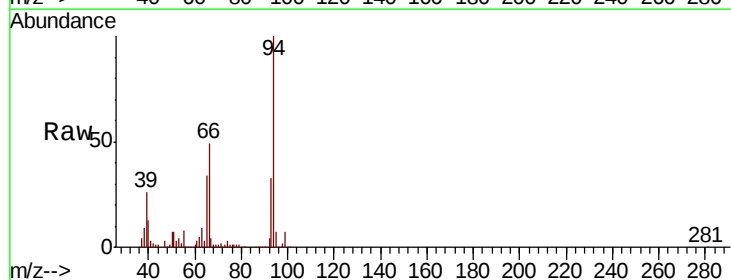
RT: 6.40 min Scan# 733

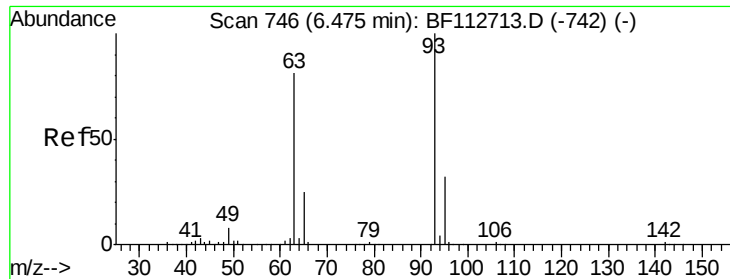
Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Tgt Ion:	94	Resp:	694151
Ion Ratio	Lower	Upper	
94	100		
65	33.9	10.5	50.5
66	49.2	22.6	62.6





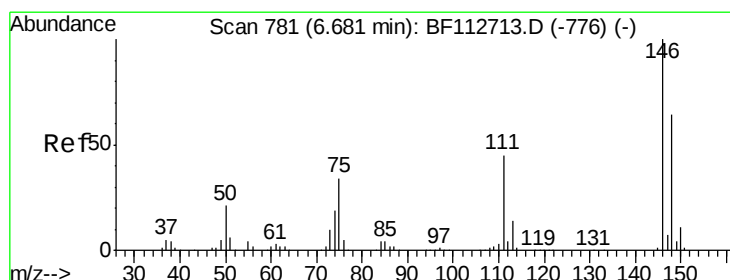
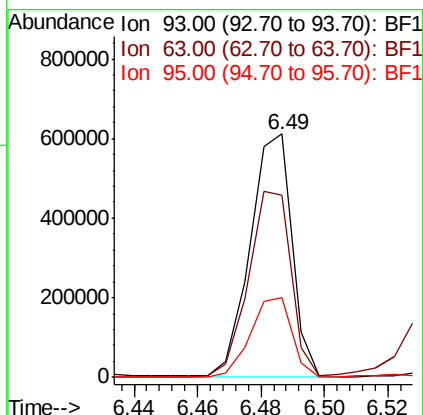
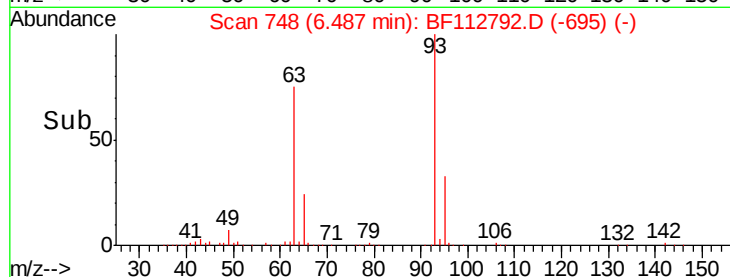
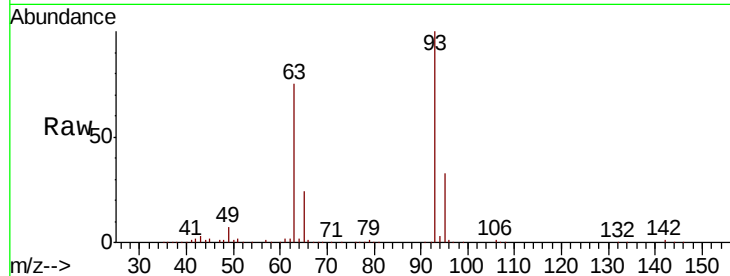
#11
bis(2-Chloroethyl)ether
Concen: 35.483 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.8	60.5	100.5
95	32.9	12.1	52.1

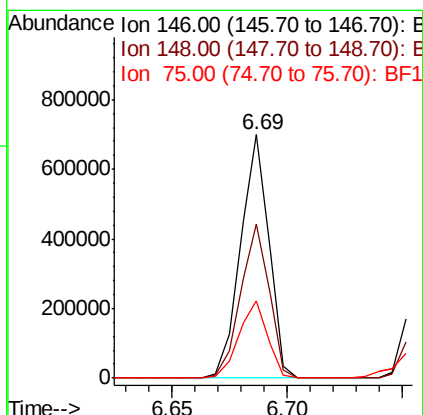
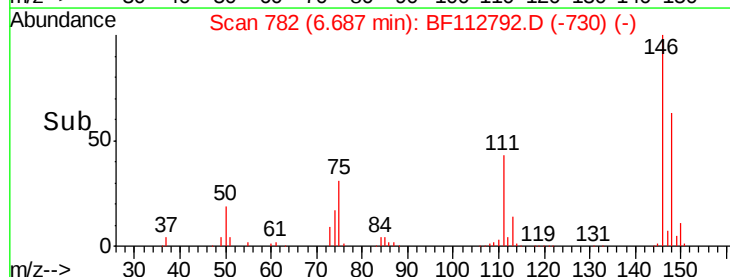
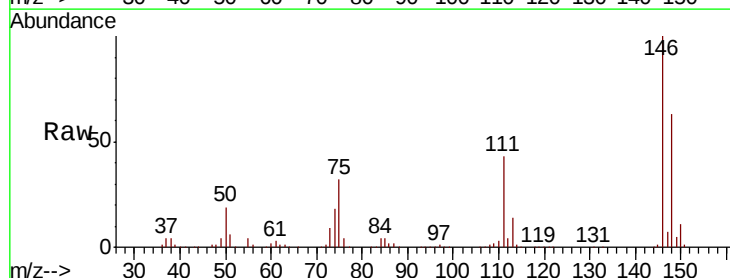
Manual Integrations
APPROVED

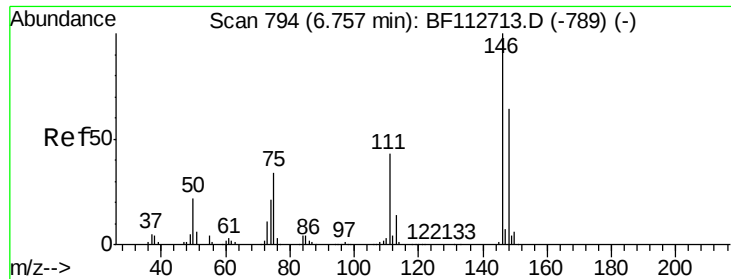
Sohil
3/4/2019 4:55:26 PM



#12
1,3-Dichlorobenzene
Concen: 37.365 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	31.6	26.9	40.3





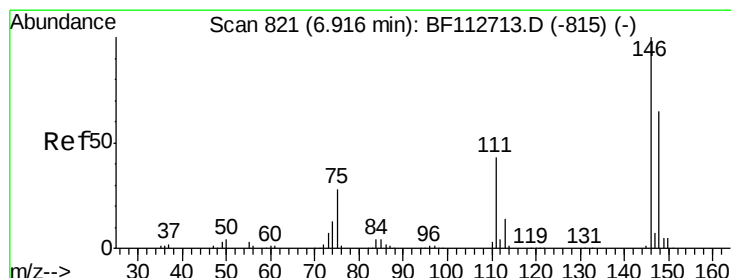
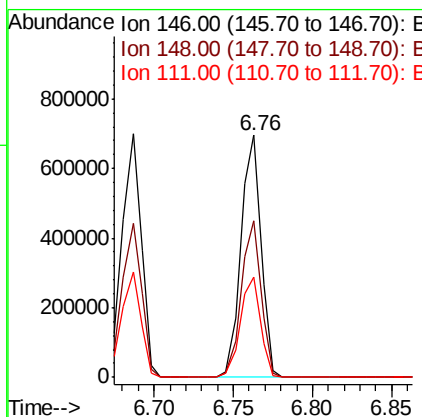
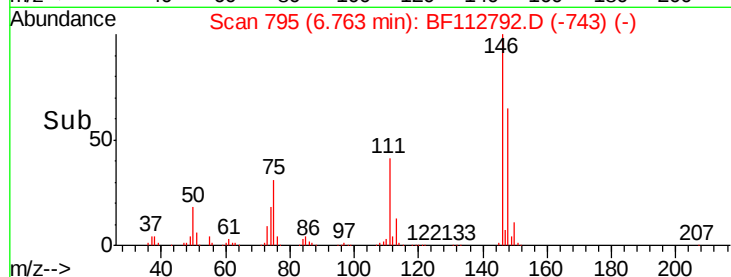
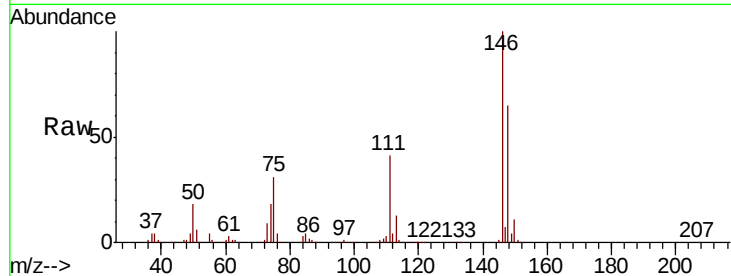
#13
 1,4-Dichlorobenzene
 Concen: 37.965 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.4
111	41.1	34.5	51.7

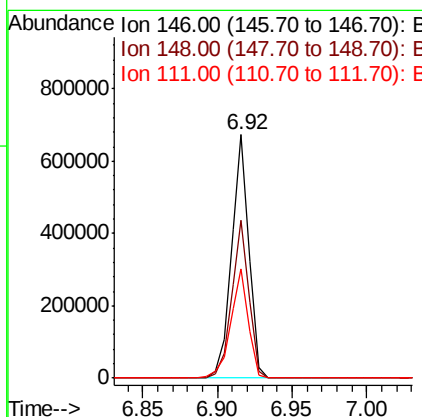
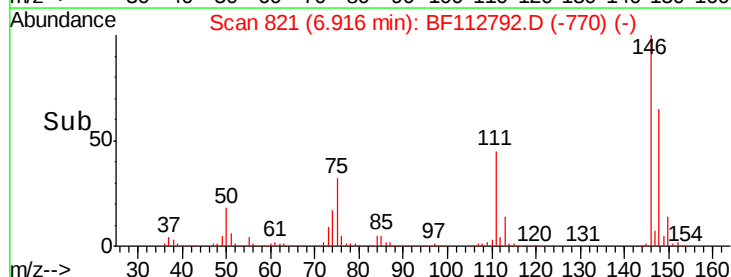
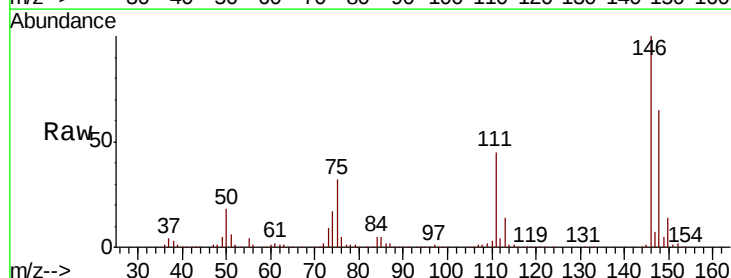
Manual Integrations
 APPROVED

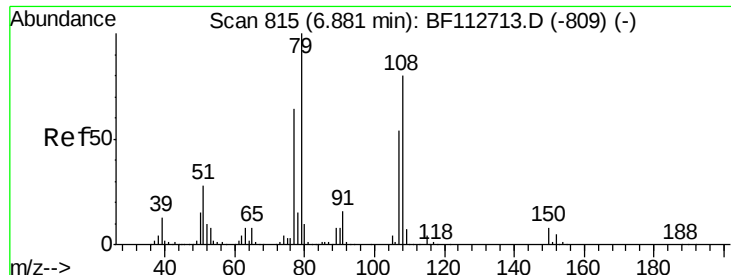
Sohil
 3/4/2019 4:55:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.658 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.0	78.0
111	44.8	34.8	52.2





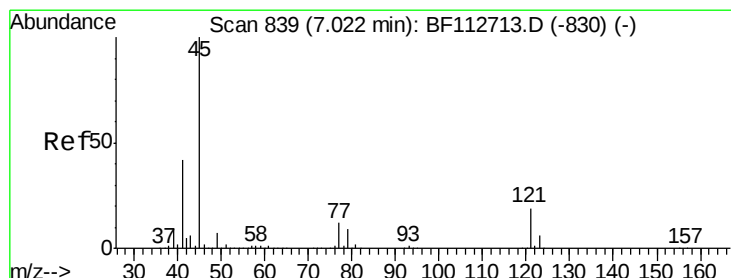
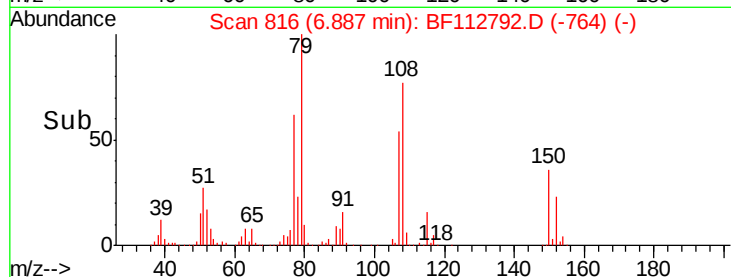
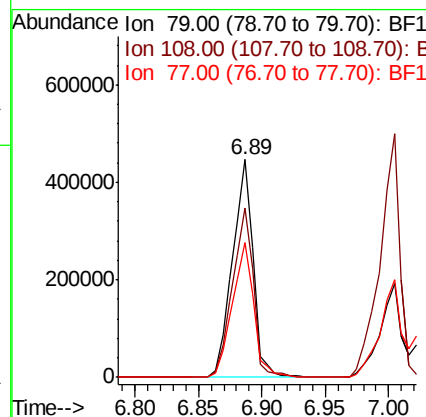
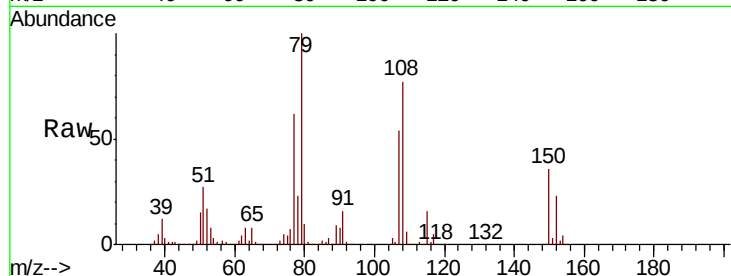
#15
Benzyl Alcohol
Concen: 37.784 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	64.2	96.4
77	61.6	51.1	76.7

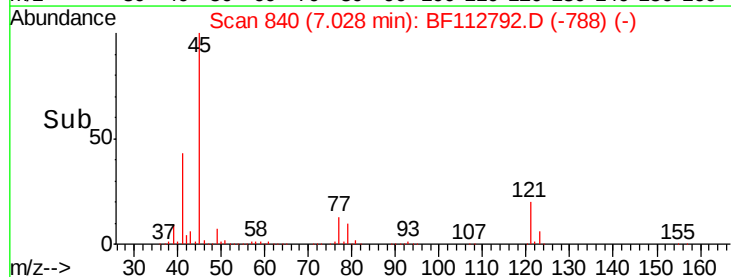
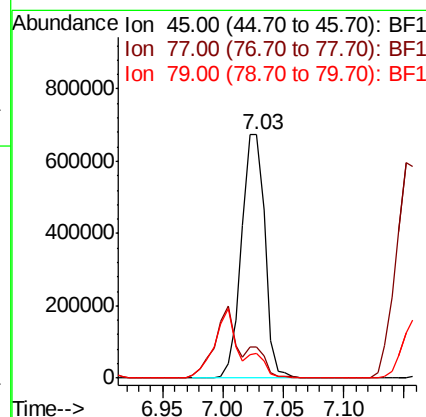
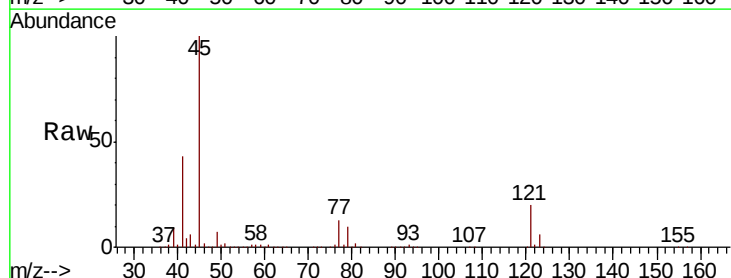
Manual Integrations
APPROVED

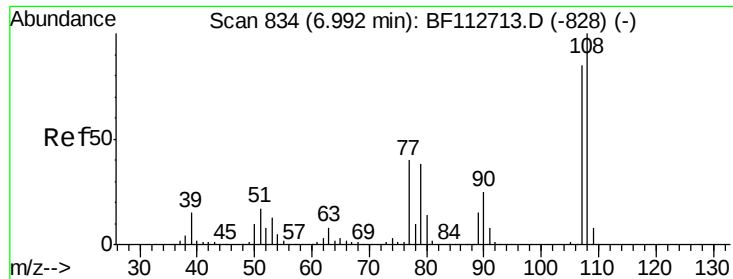
Sohil
3/4/2019 4:55:26 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.822 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	32.1
79	10.3	0.0	29.4





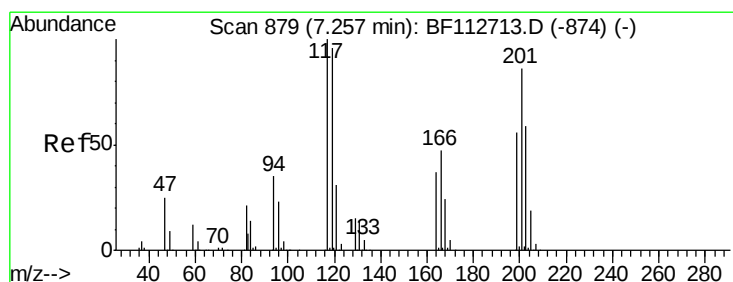
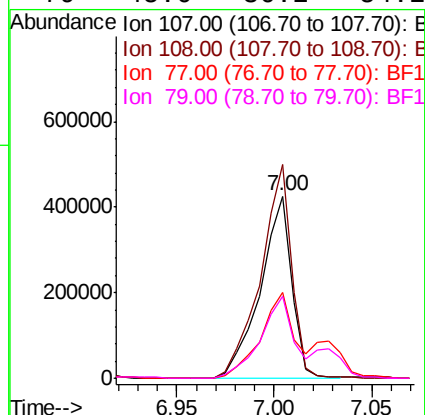
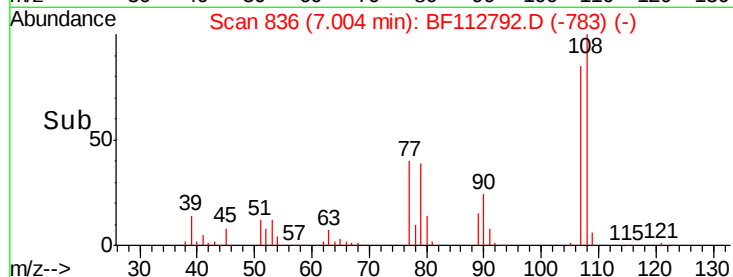
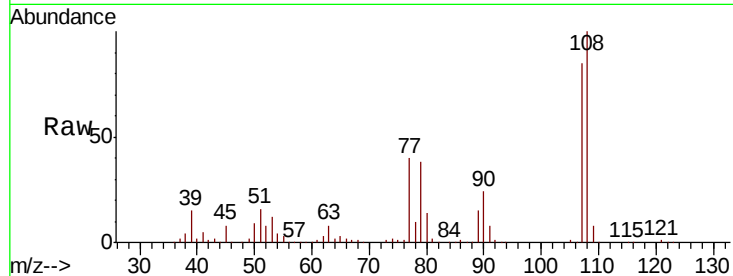
#17
2-Methylphenol
Concen: 37.618 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.3	94.6	142.0	
77	46.9	37.8	56.8	
79	45.0	36.2	54.2	

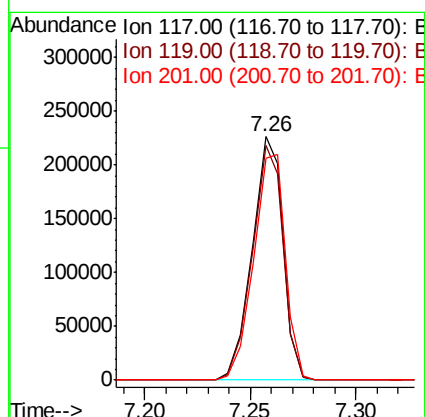
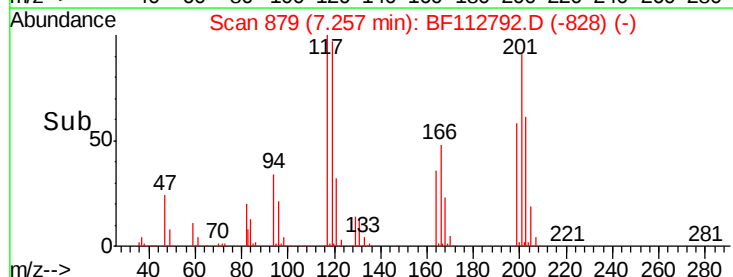
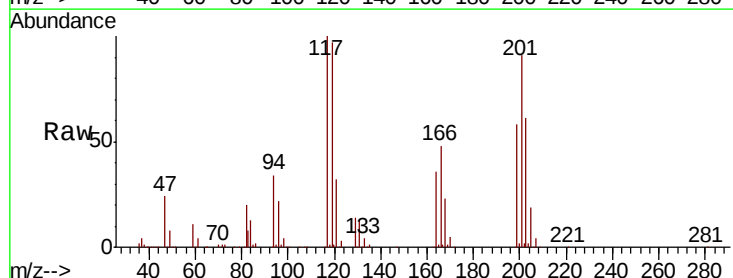
Manual Integrations
APPROVED

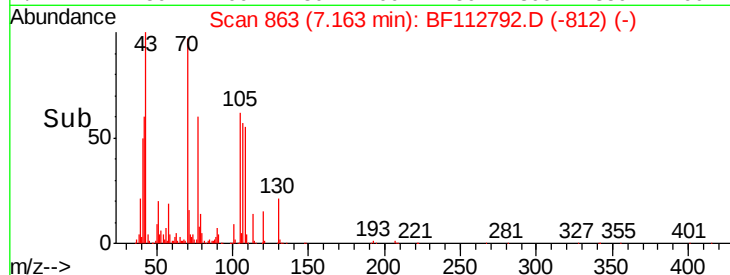
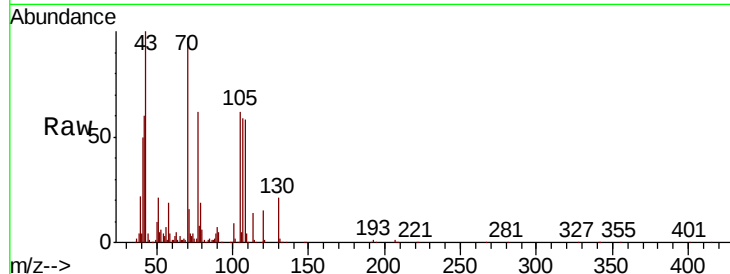
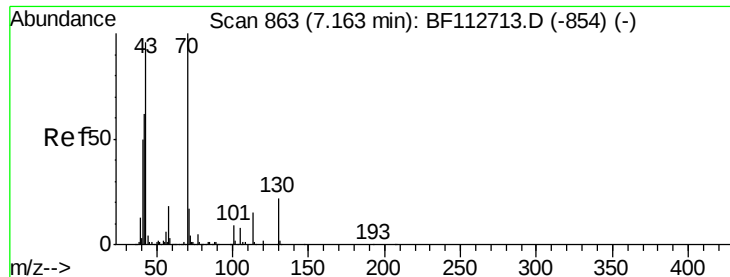
Sohil
3/4/2019 4:55:26 PM



#18
Hexachloroethane
Concen: 37.295 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.6	115.0	
201	90.9	68.9	103.3	





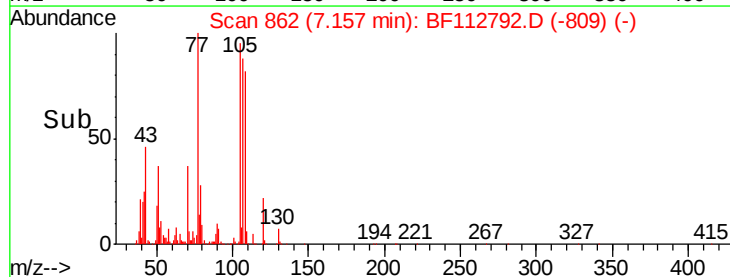
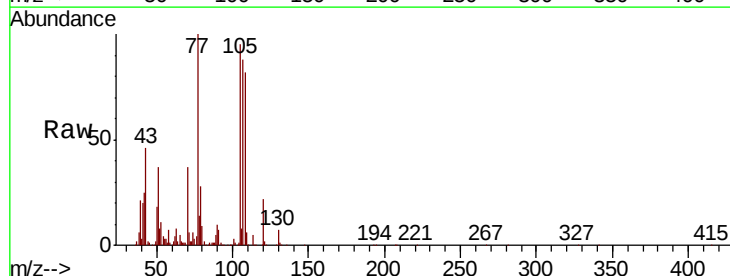
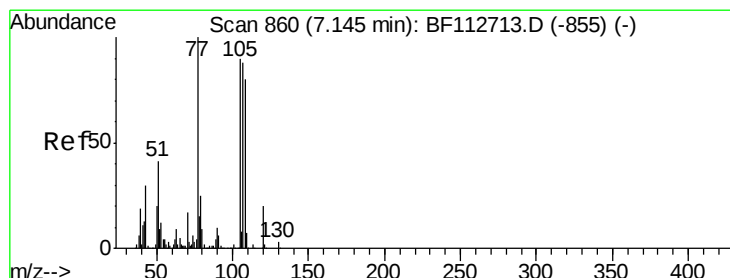
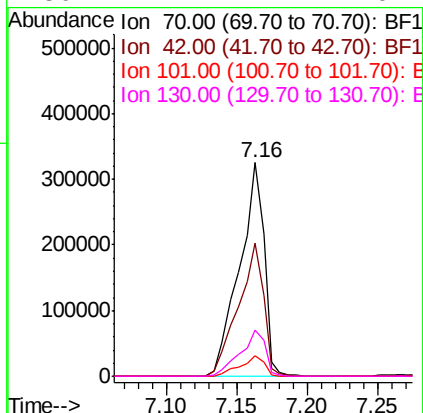
#19
n-Nitroso-di-n-propylamine
Concen: 35.789 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.2	49.9	74.9
101	9.4	7.4	11.2
130	21.4	17.4	26.2

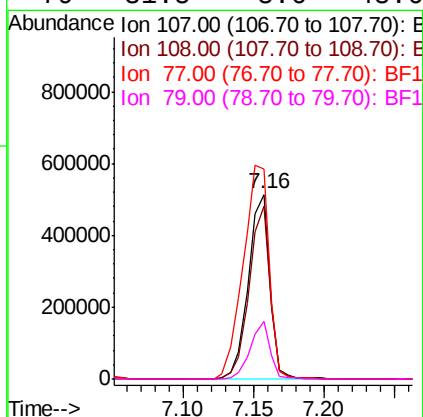
Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



#20
3+4-Methylphenols
Concen: 38.538 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.4	111.4
77	114.2	94.1	134.1
79	31.5	8.6	48.6





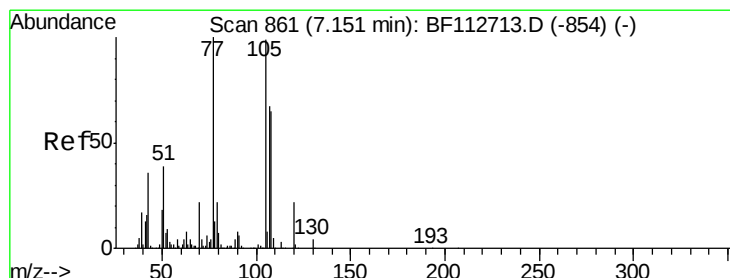
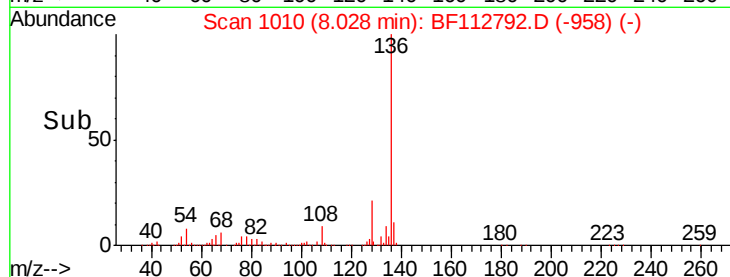
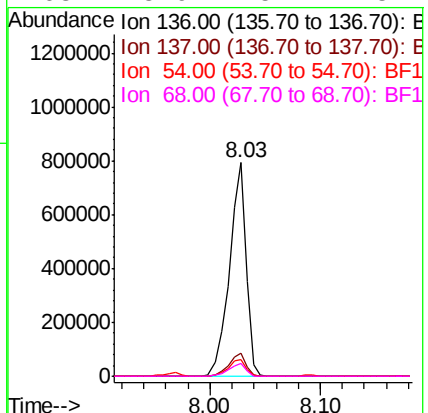
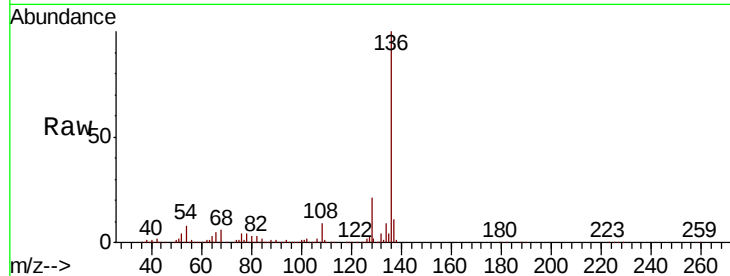
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	843165		
137	11.0		8.9	13.3
54	7.8		7.3	10.9
68	5.9		5.4	8.2

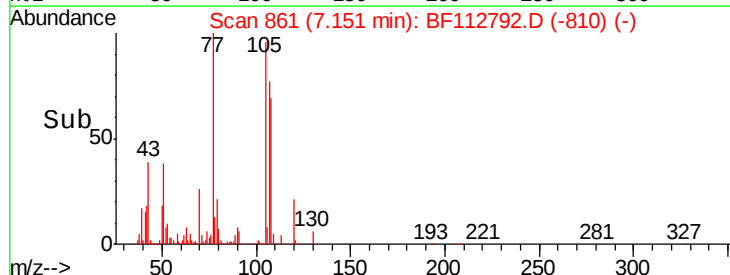
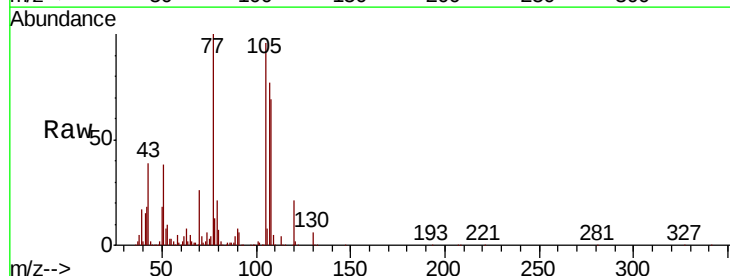
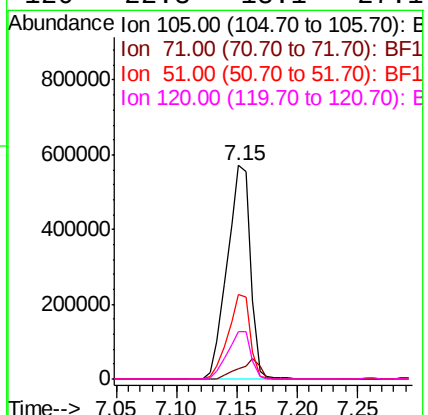
Manual Integrations
APPROVED

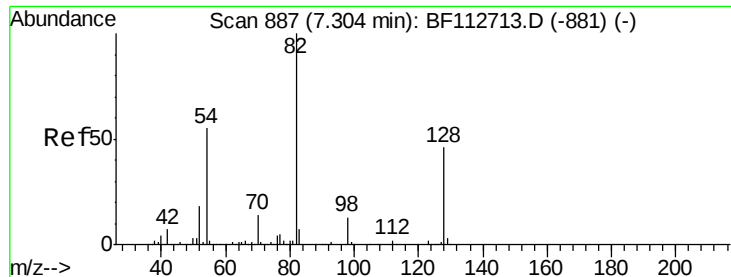
Sohil
3/4/2019 4:55:26 PM



#22
Acetophenone
Concen: 38.673 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	762459		
71	4.6		3.0	4.4#
51	39.7		31.5	47.3
120	22.3		18.1	27.1





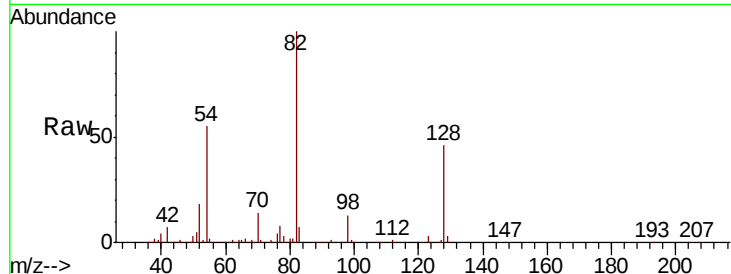
#23
 Nitrobenzene-d5
 Concen: 80.549 ng
 RT: 7.30 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	54.9	43.7	65.5

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:55:26 PM

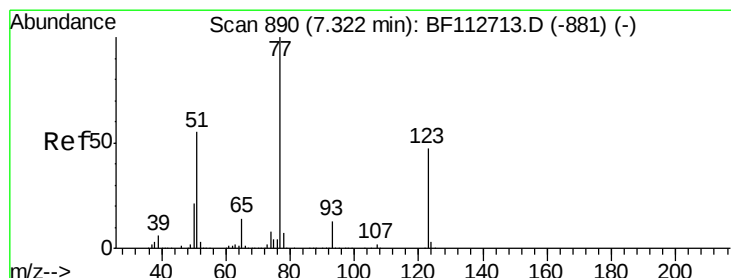
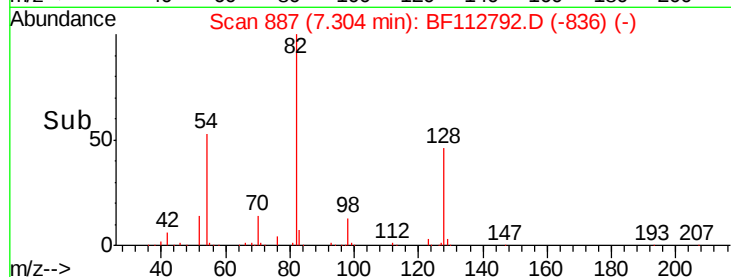
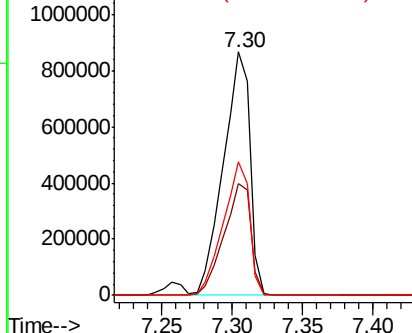


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 39.570 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

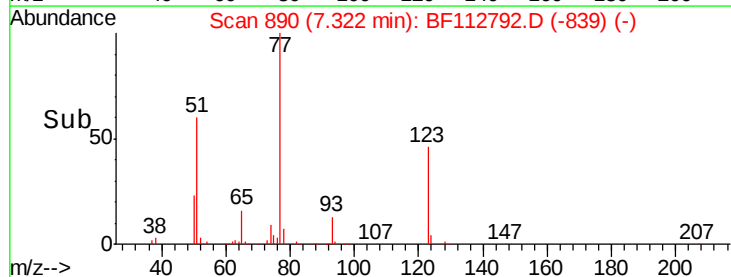
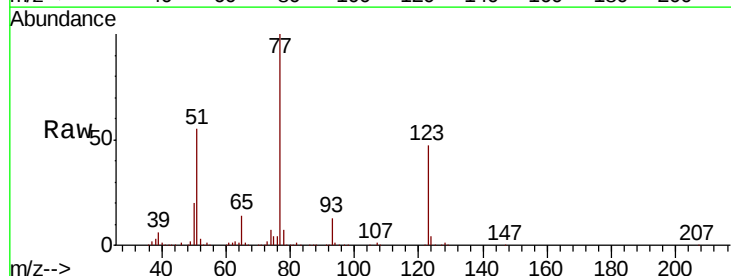
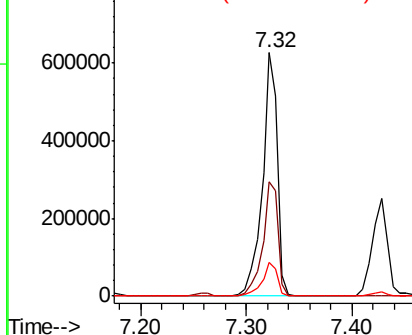
Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.8	56.6
65	13.6	11.1	16.7

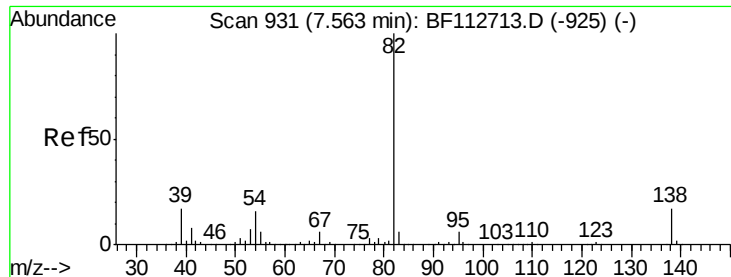
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





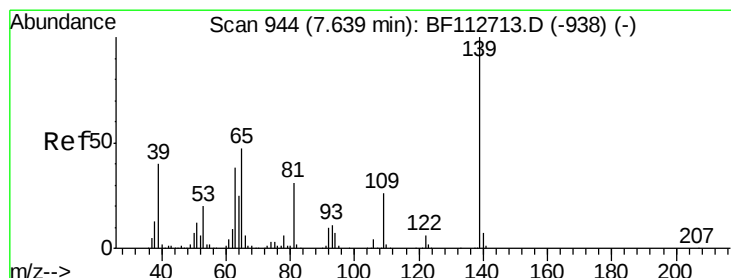
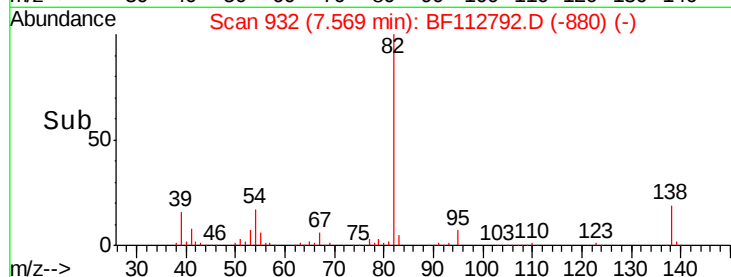
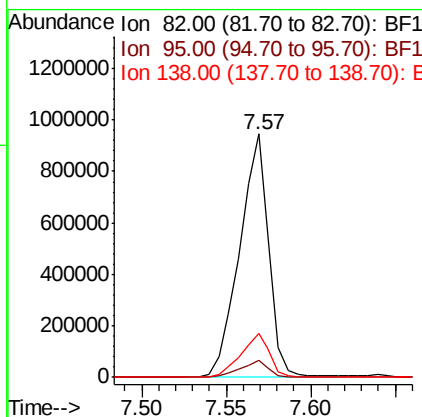
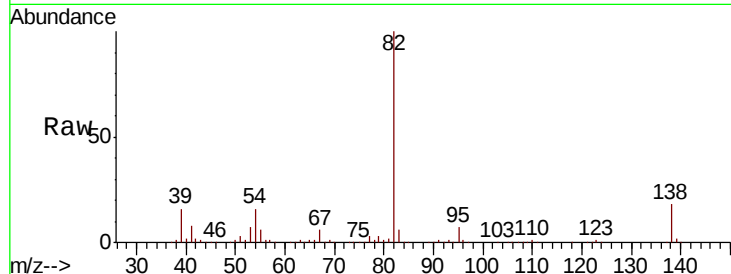
#25
Isophorone
Concen: 37.422 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion: 82 Resp: 1135988
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 17.9 13.8 20.8

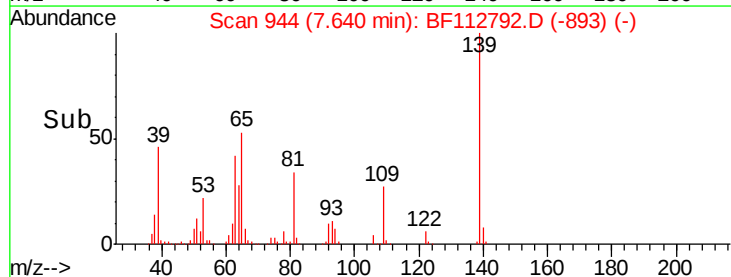
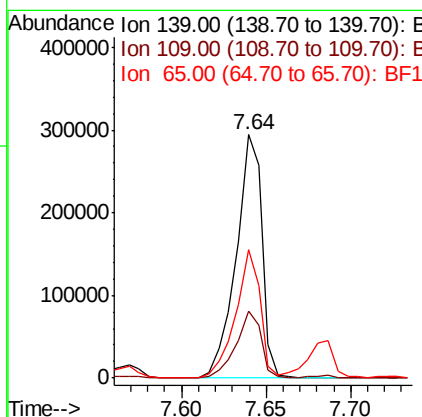
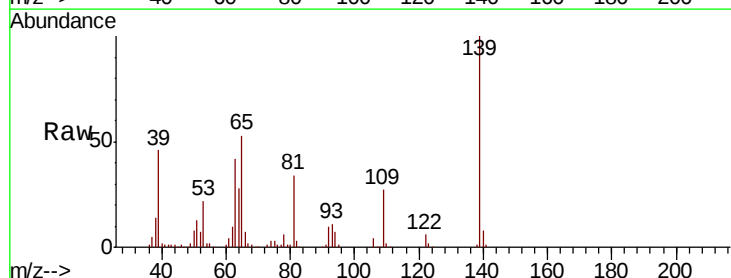
Manual Integrations
APPROVED

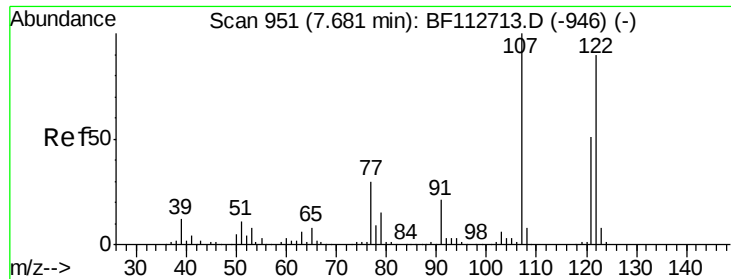
Sohil
3/4/2019 4:55:26 PM



#26
2-Nitrophenol
Concen: 47.997 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion: 139 Resp: 313350
Ion Ratio Lower Upper
139 100
109 27.4 20.6 31.0
65 53.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 42.685 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

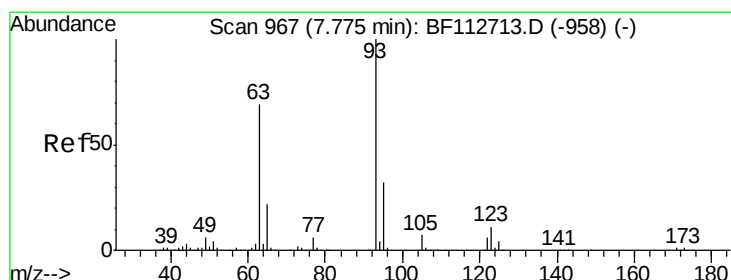
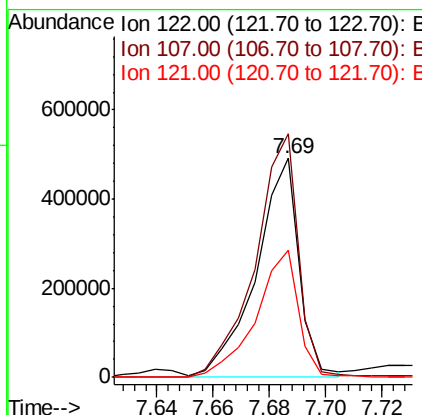
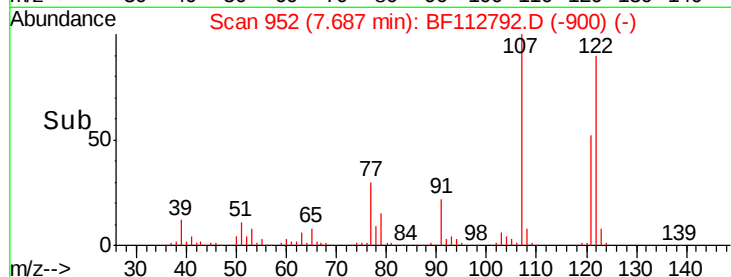
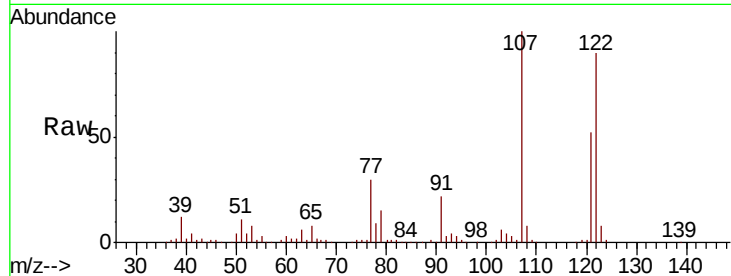
ClientSampleId :

PB117468BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	89.4	134.0
121	58.0	45.5	68.3

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



#28

bis(2-Chloroethoxy)methane

Concen: 37.492 ng

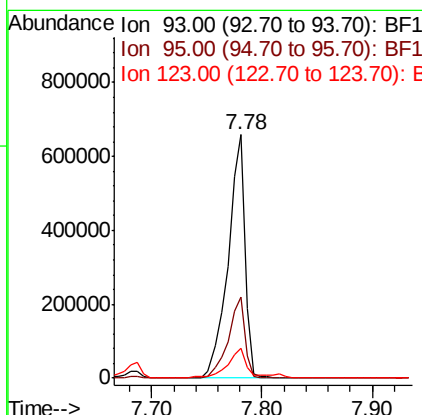
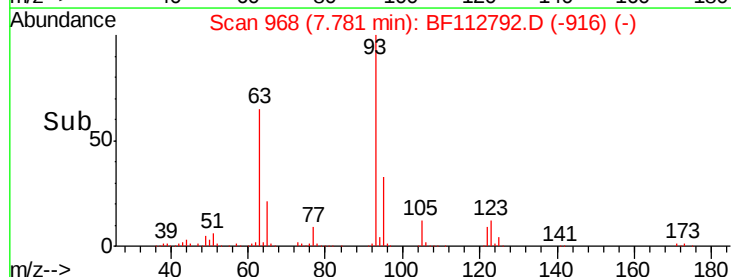
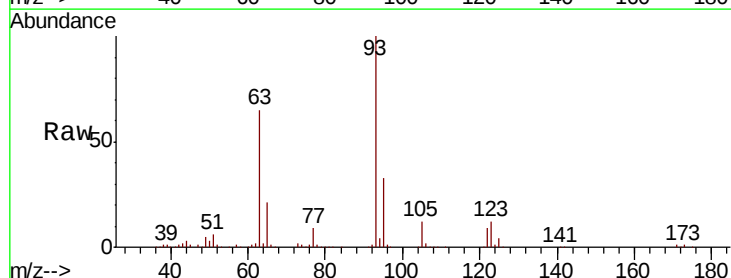
RT: 7.78 min Scan# 968

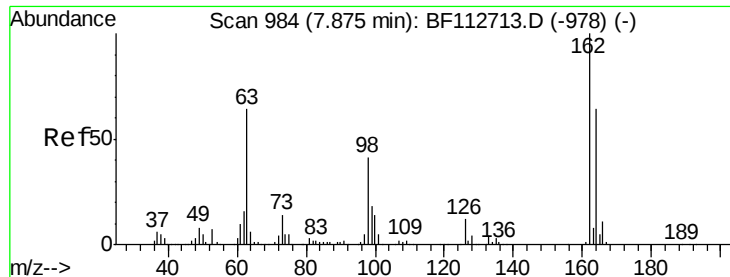
Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	12.2	9.3	13.9





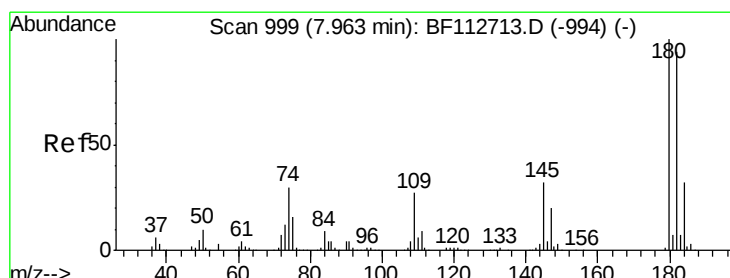
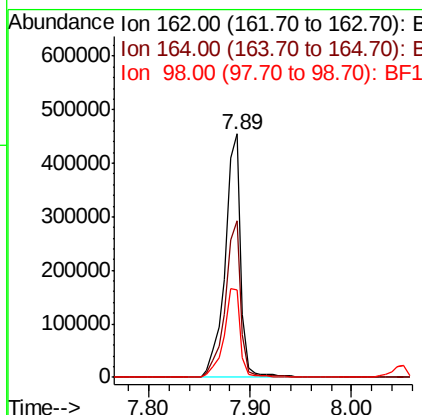
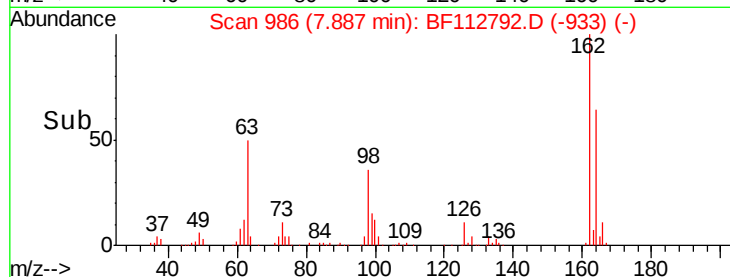
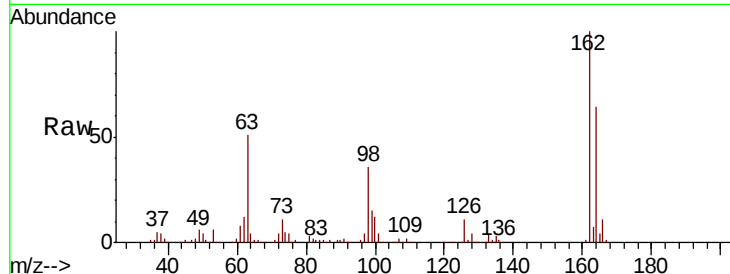
#29
2,4-Dichlorophenol
Concen: 41.406 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	487689		
164	64.2	44.0	84.0	
98	35.8	20.7	60.7	

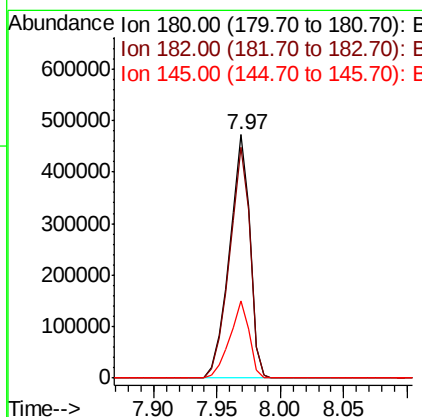
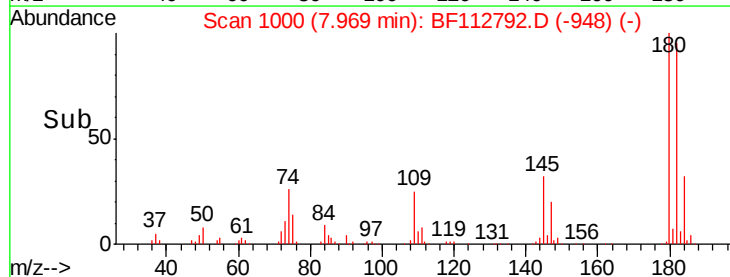
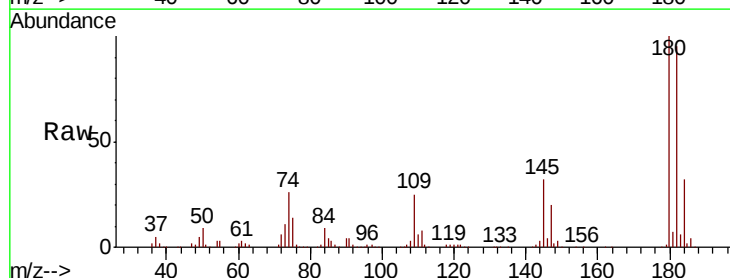
Manual Integrations
APPROVED

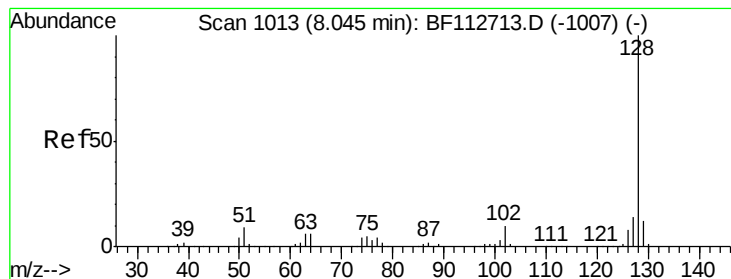
Sohil
3/4/2019 4:55:26 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.201 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	521428		
182	94.8	75.2	112.8	
145	31.5	25.4	38.0	





#31

Naphthalene

Concen: 39.626 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

ClientSampleId :

PB117468BS

Tot Ion:128 Resp: 1658802

Ion Ratio Lower Upper

128 100

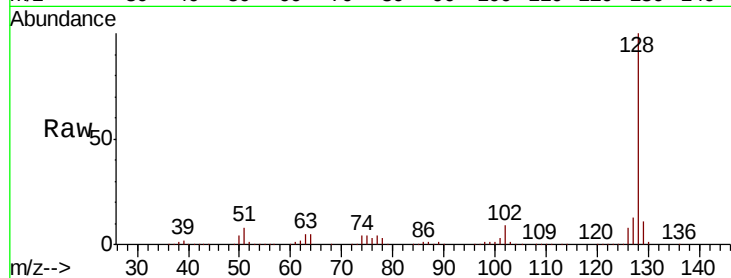
129 11.2 9.3 13.9

127 13.4 10.9 16.3

Manual Integrations
APPROVED

Sohil

3/4/2019 4:55:26 PM

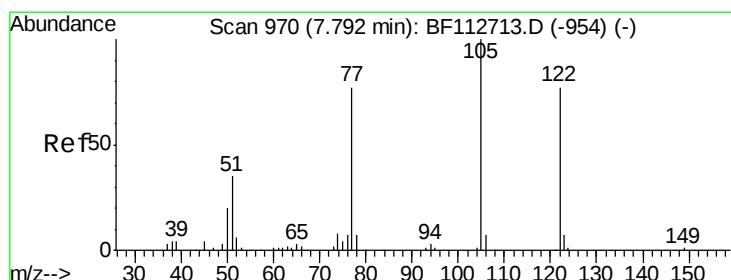
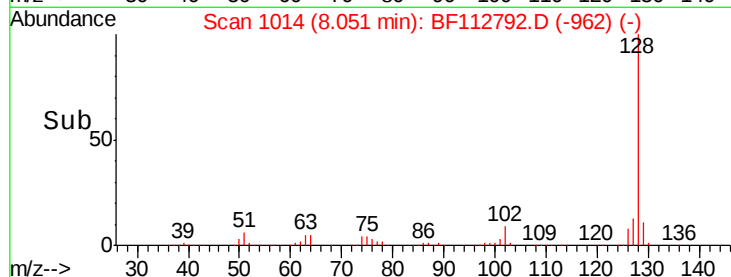
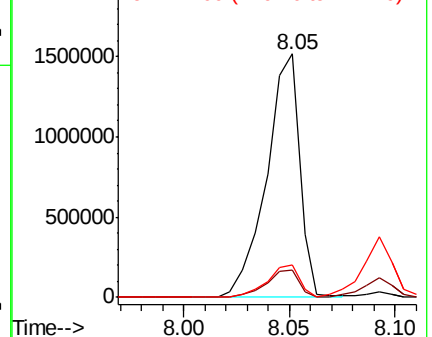


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.243 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

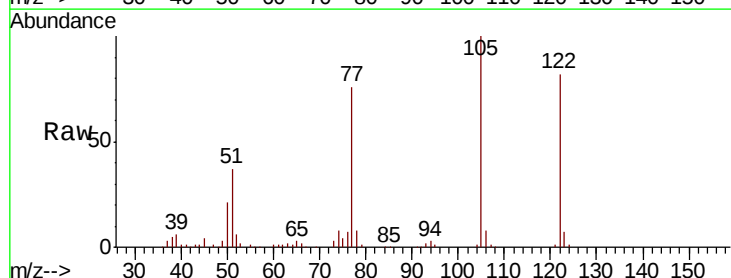
Tgt Ion:122 Resp: 410678

Ion Ratio Lower Upper

122 100

105 121.4 106.8 146.8

77 92.5 79.4 119.4

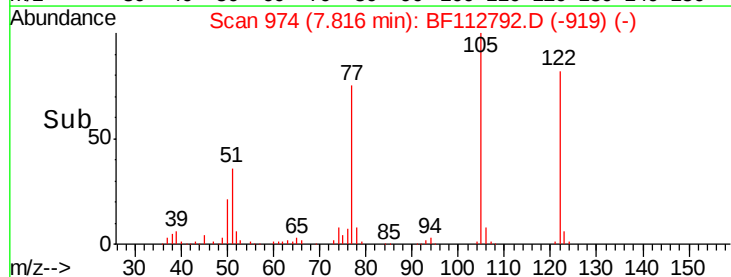
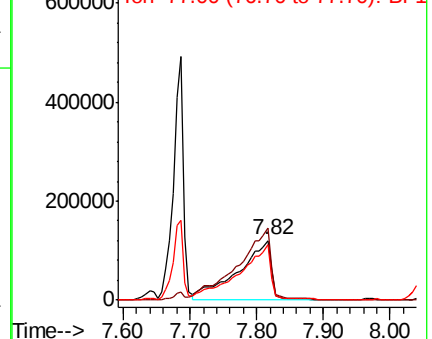


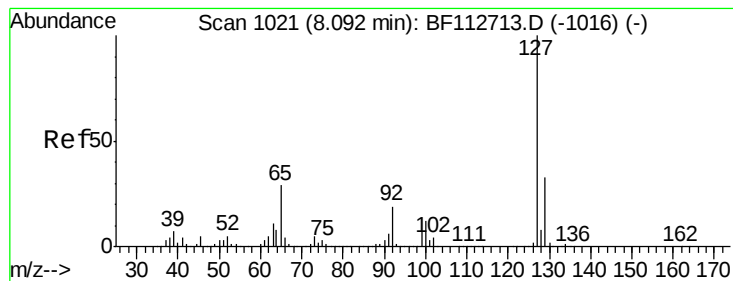
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





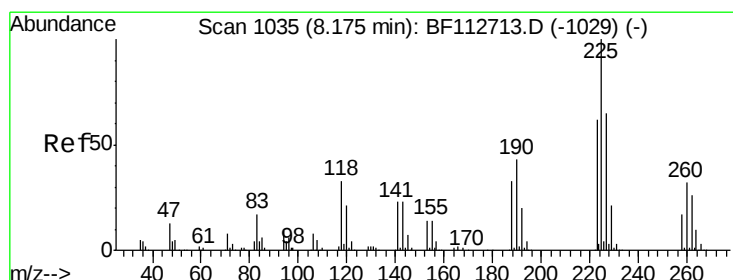
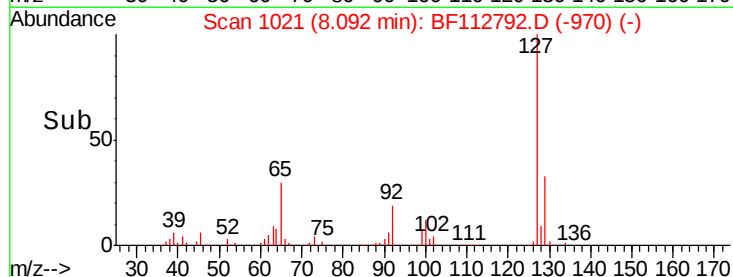
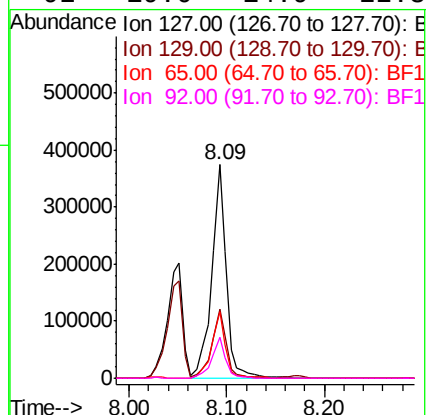
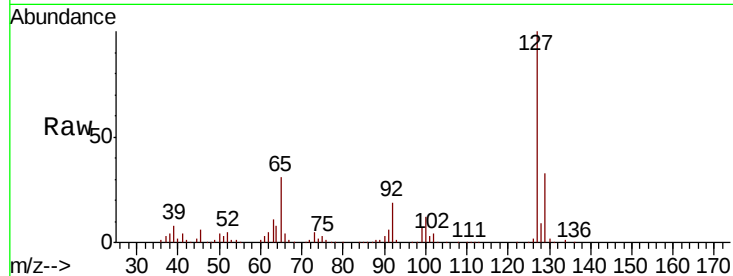
#33
4-Chloroaniline
Concen: 21.906 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		388403		
129	32.7	26.4	39.6		
65	30.9	23.1	34.7		
92	19.0	14.9	22.3		

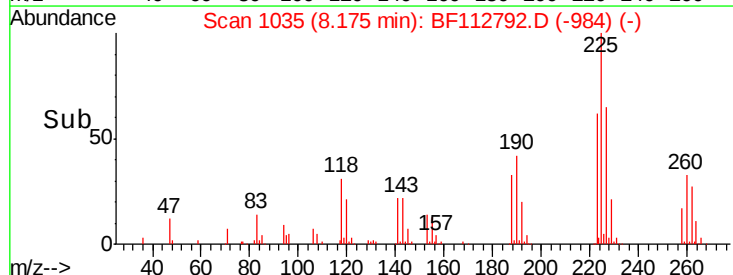
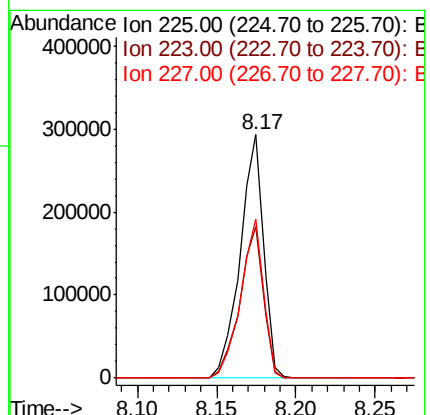
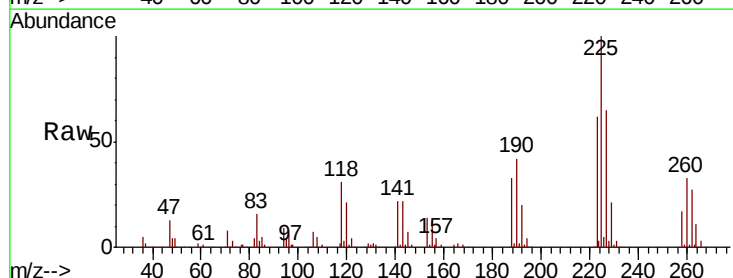
Manual Integrations
APPROVED

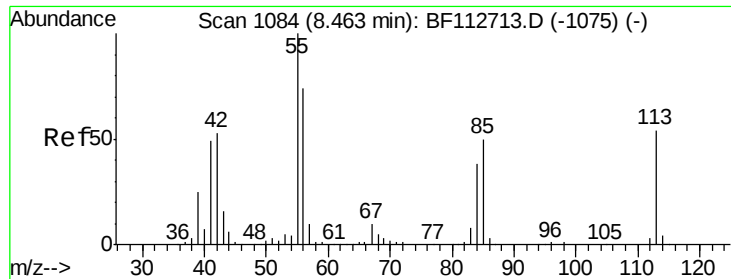
Sohil
3/4/2019 4:55:26 PM



#34
Hexachlorobutadiene
Concen: 41.815 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		298446		
223	62.4	49.7	74.5		
227	65.2	52.1	78.1		





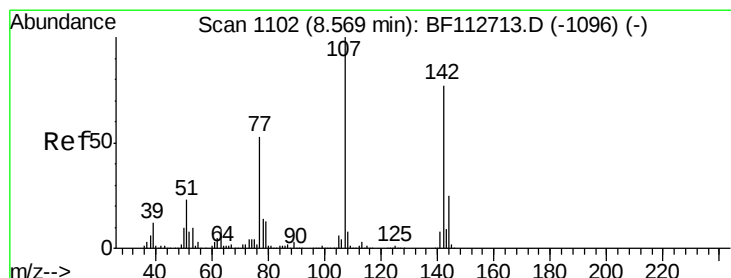
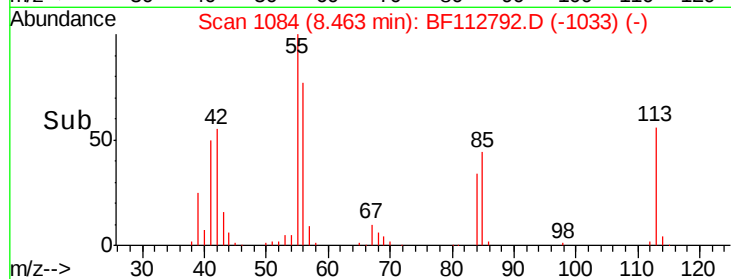
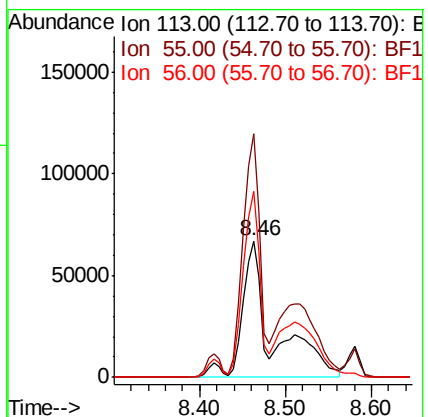
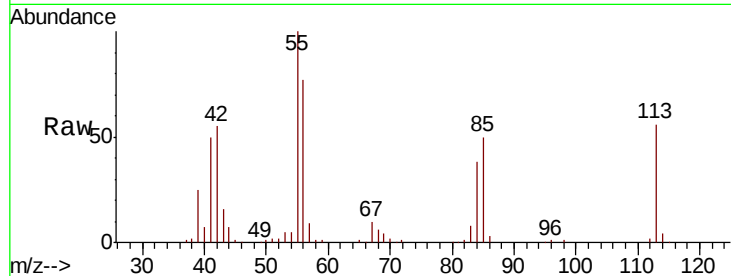
#35
 Caprolactam
 Concen: 39.432 ng/ml
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.9	163.5	203.5
56	137.0	115.3	155.3

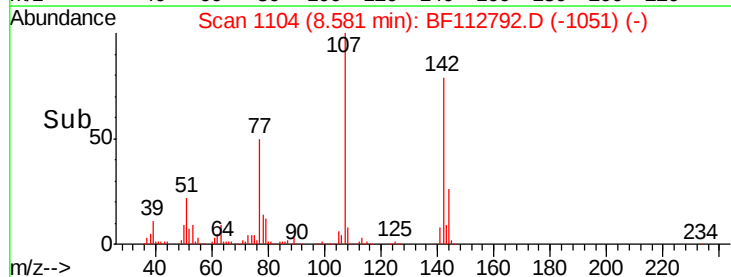
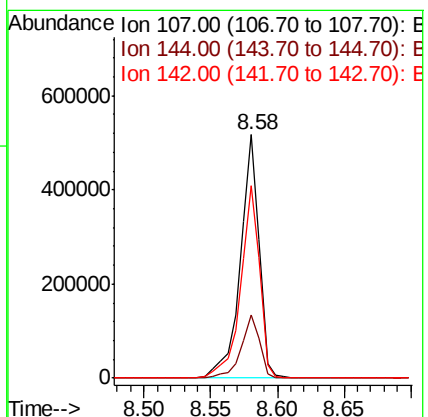
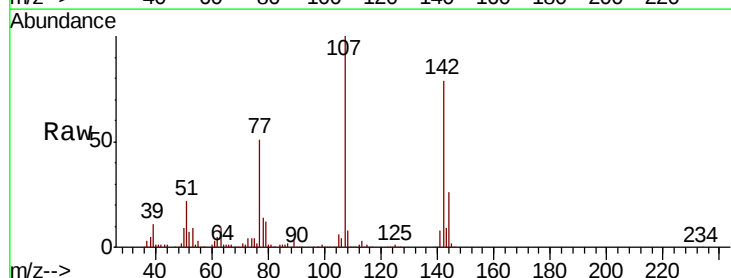
Manual Integrations
 APPROVED

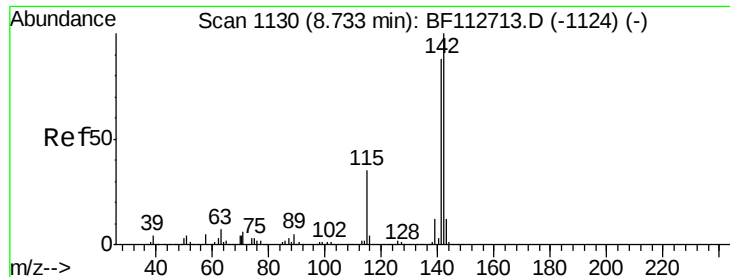
Sohil
 3/4/2019 4:55:26 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.782 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.1	30.1
142	78.8	61.9	92.9





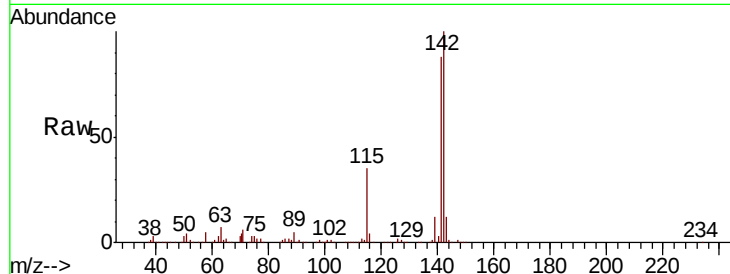
#37
2-Methylnaphthalene
Concen: 41.090 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampled :
PB117468BS

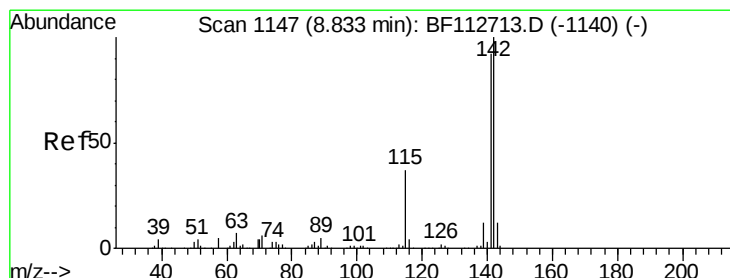
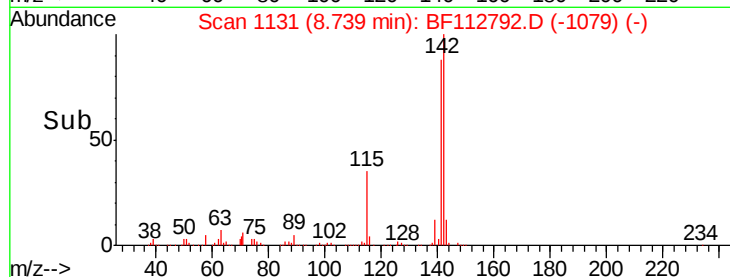
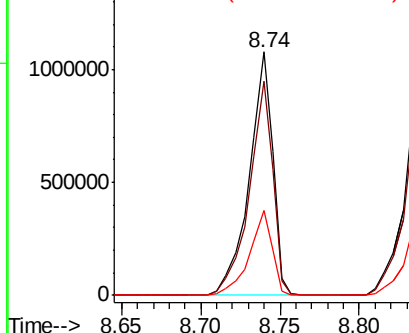
Tot Ion:142 Resp: 1110813
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 34.6 27.8 41.6

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



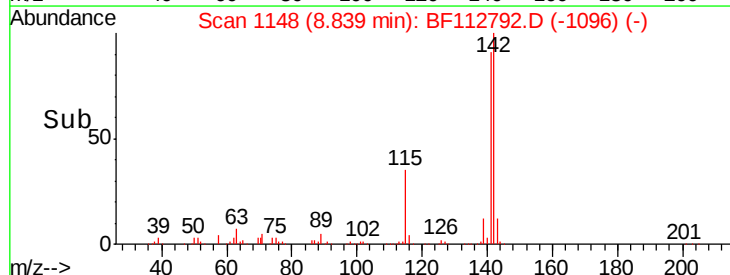
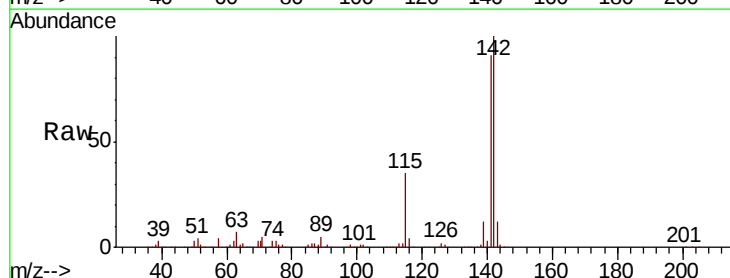
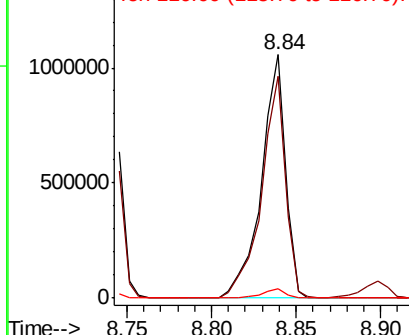
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.965 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion:142 Resp: 1046573
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5
116 3.7 3.1 4.7

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





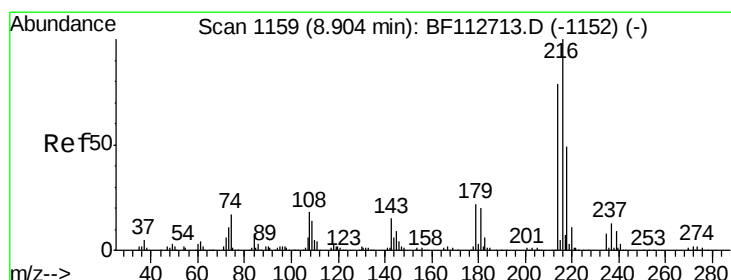
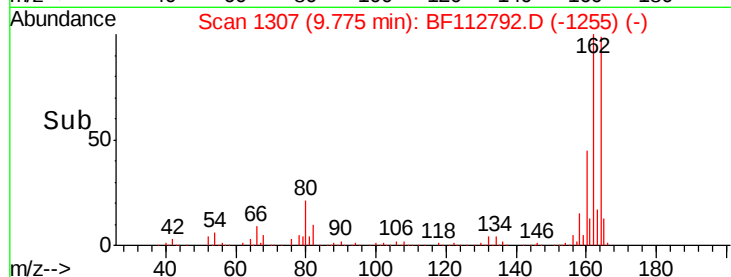
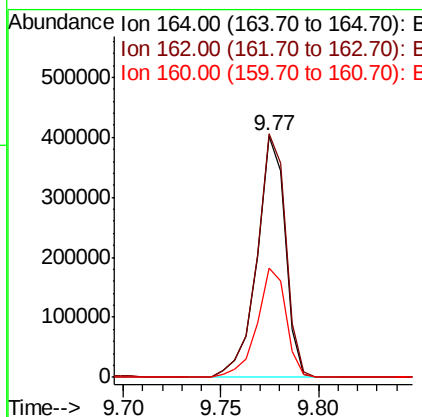
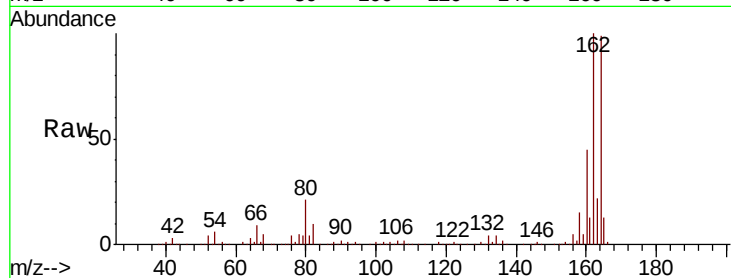
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	80.6	120.8	
160	45.3	36.0	54.0	

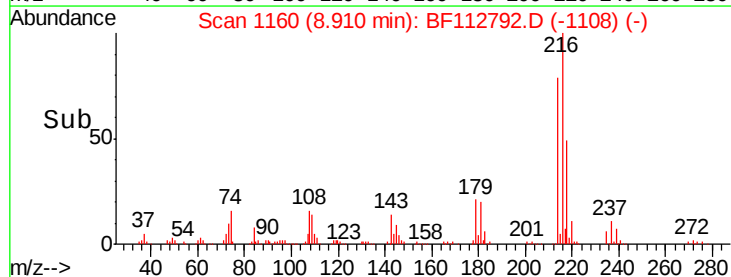
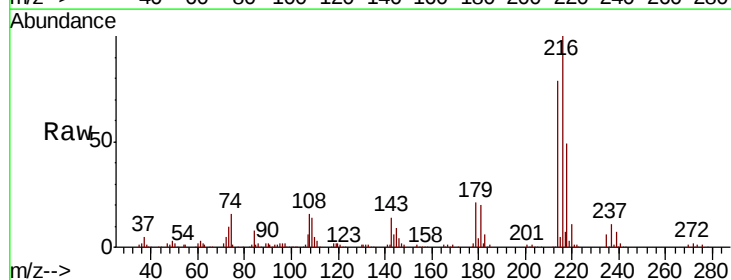
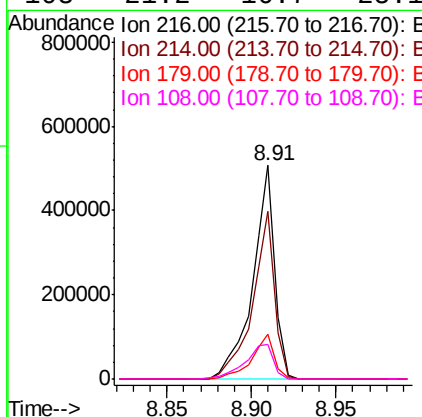
Manual Integrations
APPROVED

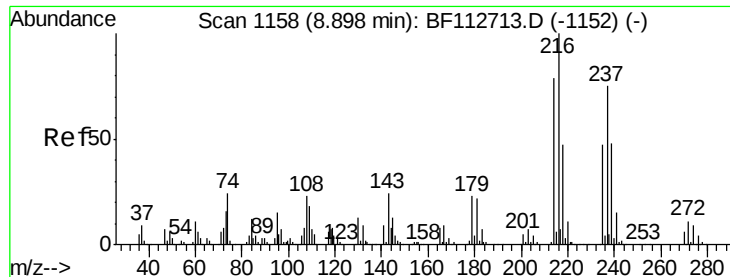
Sohil
3/4/2019 4:55:26 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.410 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.2	94.8	
179	21.0	17.5	26.3	
108	21.2	16.7	25.1	





#41

Hexachlorocyclopentadiene

Concen: 94.014 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

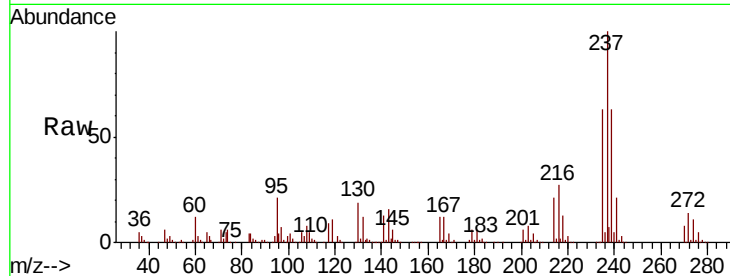
ClientSampleId :

PB117468BS

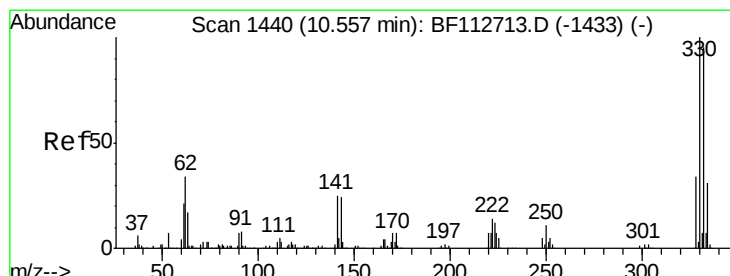
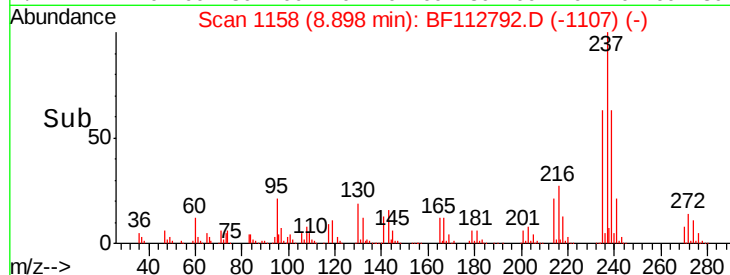
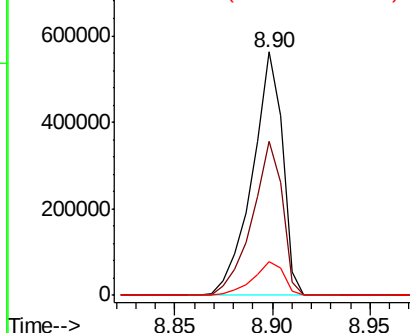
Tot Ion:	237	Resp:	605548
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.2	82.2
272	13.8	0.0	34.0

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



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



#42

2,4,6-Tribromophenol

Concen: 142.420 ng

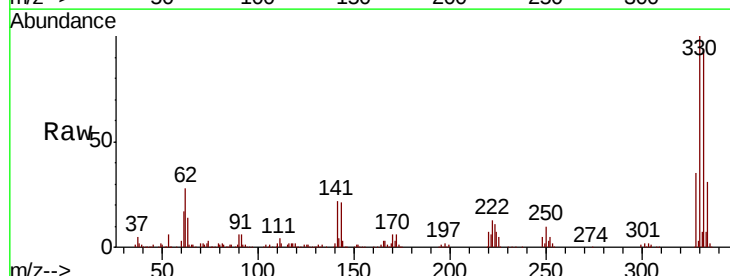
RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

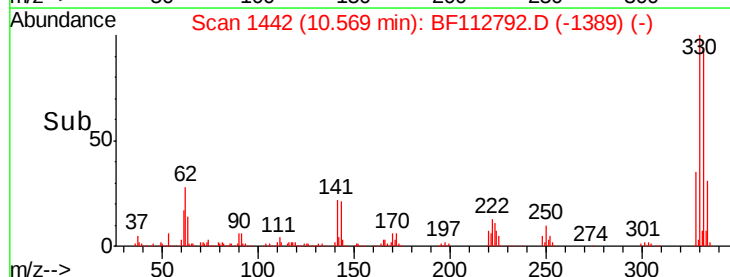
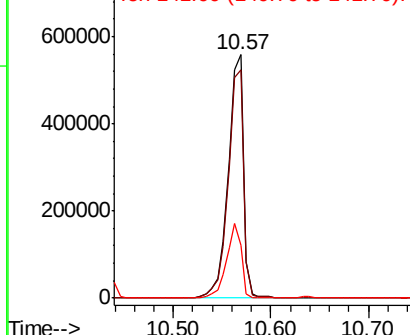
Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Tgt Ion:	330	Resp:	609860
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.2	114.4
141	29.7	27.0	40.6



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





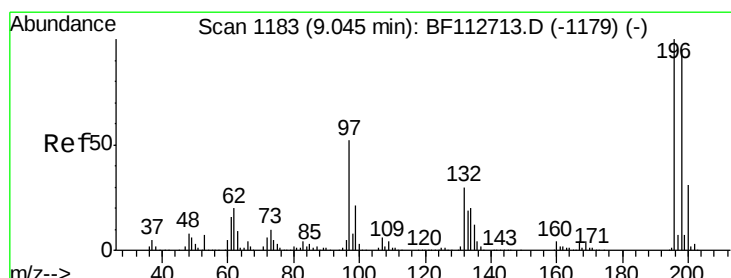
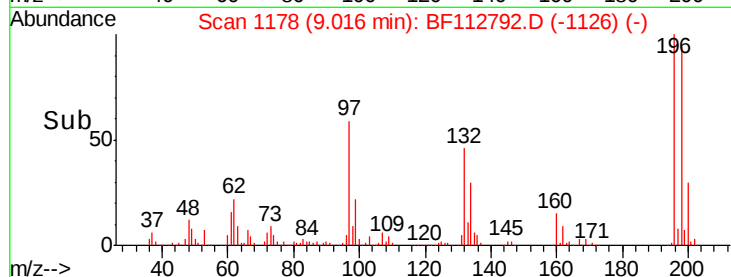
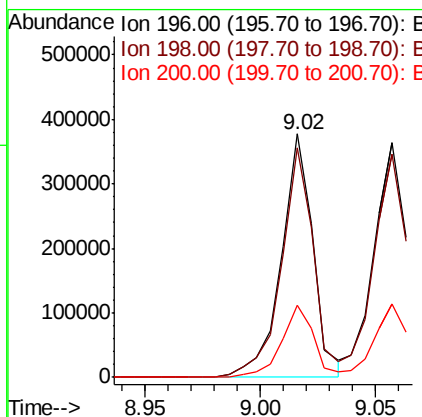
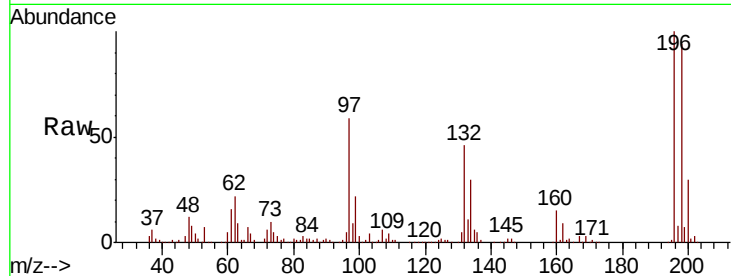
#43
 2,4,6-Trichlorophenol
 Concen: 44.174 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampled :
 PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	357597		
198	94.3	75.8	113.8	
200	29.7	24.3	36.5	

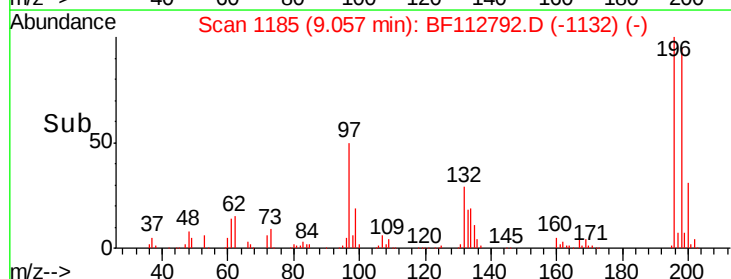
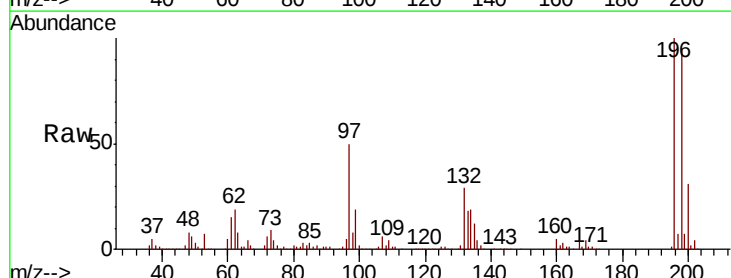
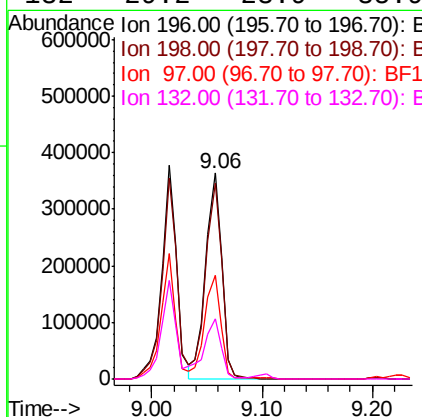
Manual Integrations
 APPROVED

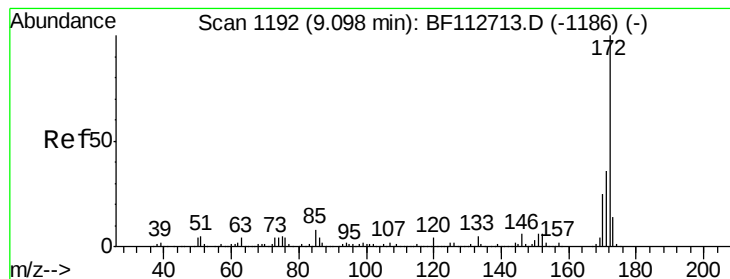
Sohil
 3/4/2019 4:55:26 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.260 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	361019		
198	95.4	76.2	114.2	
97	50.3	41.5	62.3	
132	29.2	23.9	35.9	





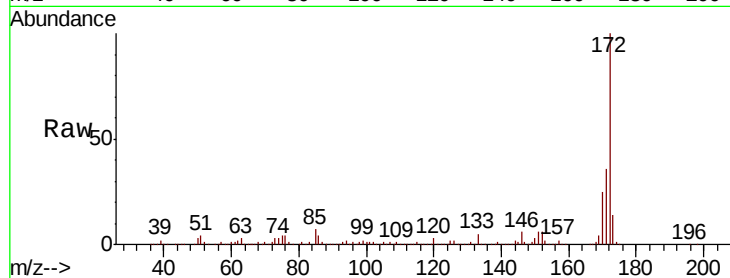
#45
2-Fluorobiphenyl
Concen: 81.870 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.5	20.0	30.0

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM

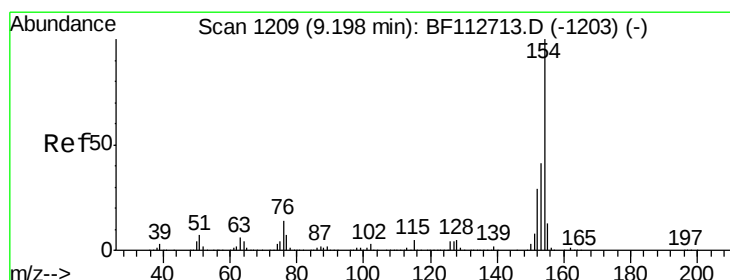
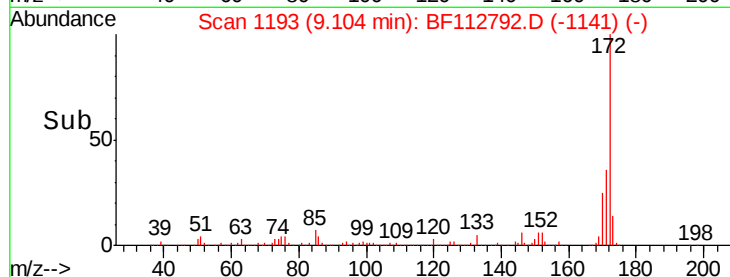
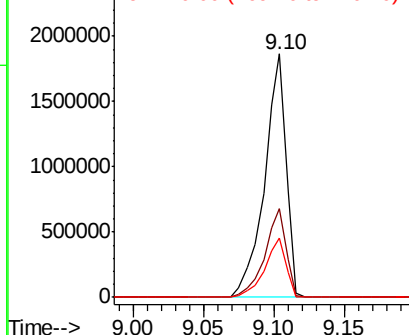


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.794 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

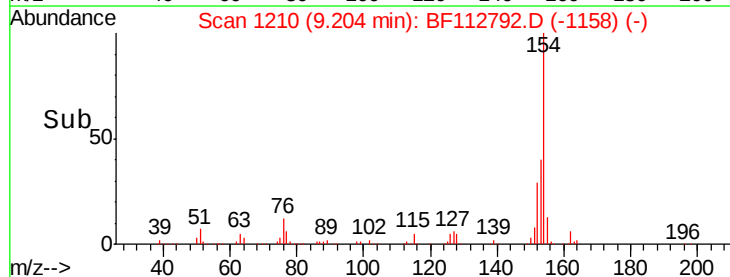
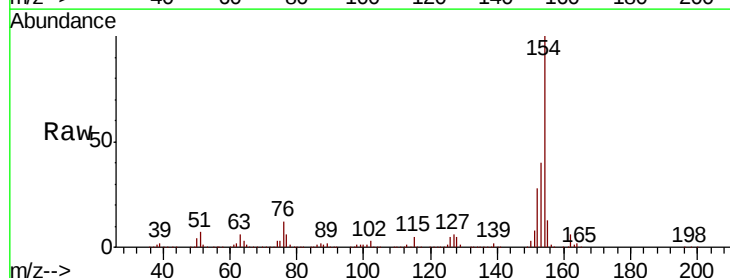
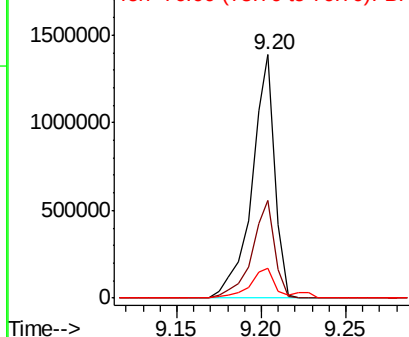
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	12.3	0.0	33.8

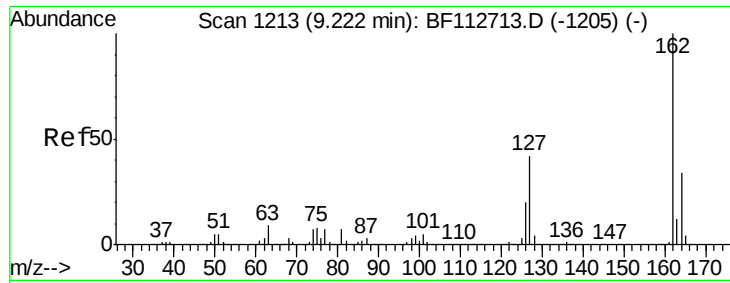
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





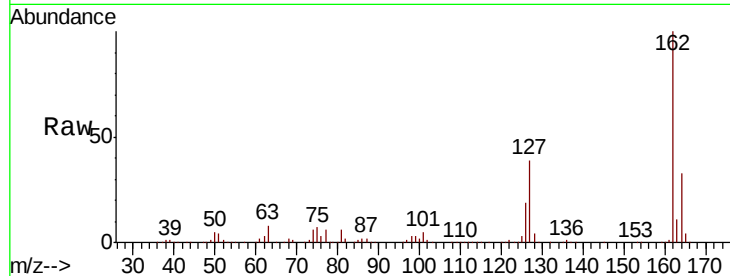
#47
 2-Chloronaphthalene
 Concen: 39.582 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

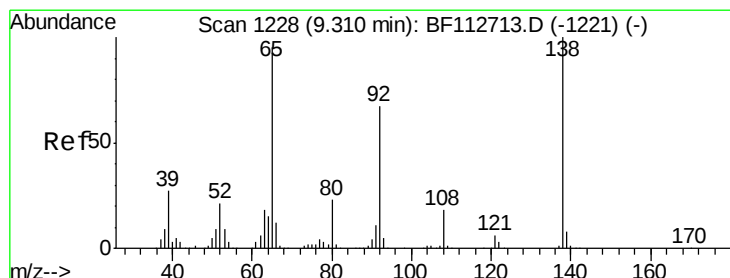
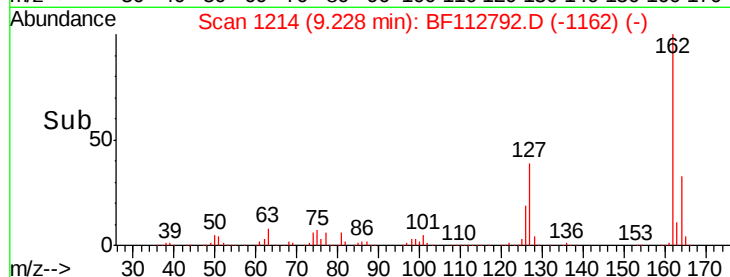
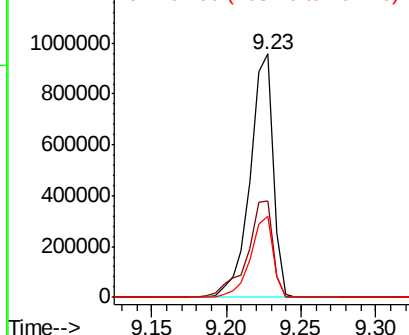
Tot Ion: 162 Resp: 1016837
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.4 50.2
 164 33.1 26.9 40.3

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:55:26 PM

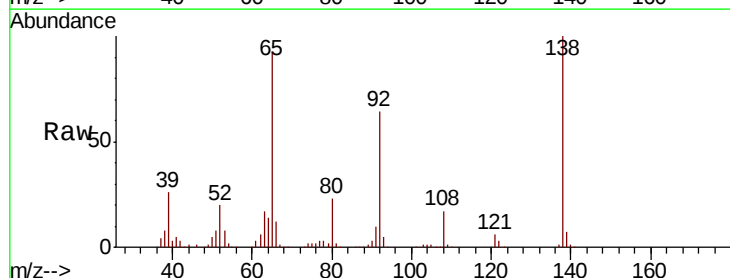


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

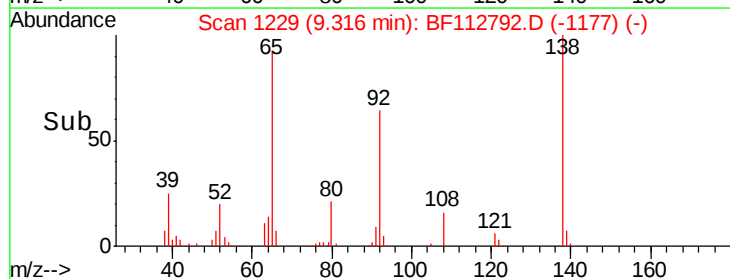
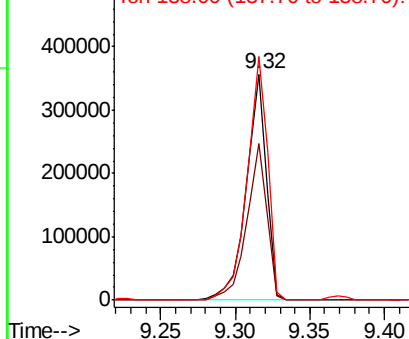


#48
 2-Nitroaniline
 Concen: 42.468 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion: 65 Resp: 331608
 Ion Ratio Lower Upper
 65 100
 92 69.2 56.4 84.6
 138 107.6 84.6 126.8



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: 37.578 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

ClientSampleId :

PB117468BS

Tot Ion:152 Resp: 1638841

Ion Ratio Lower Upper

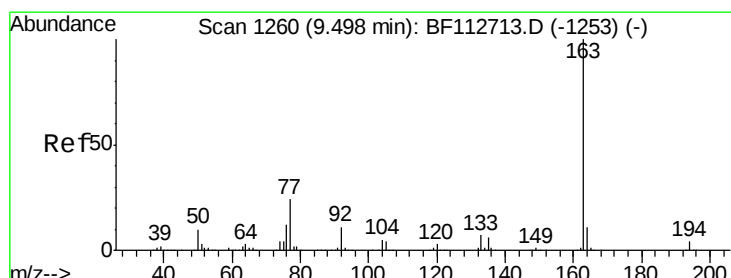
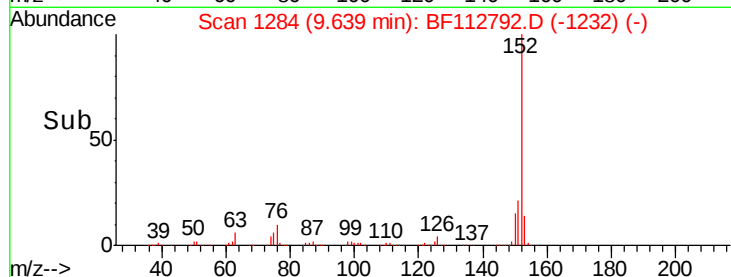
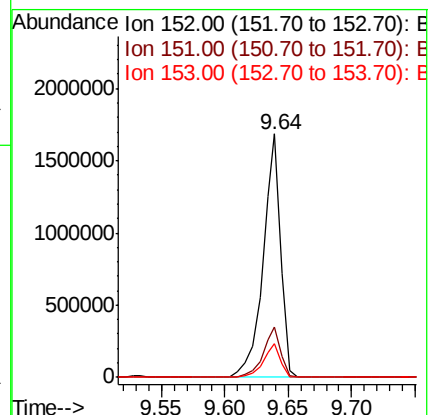
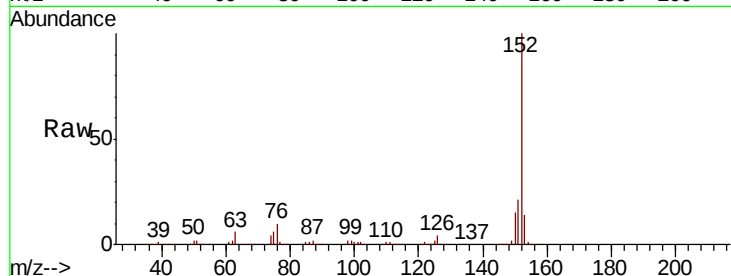
152 100

151 20.9 16.9 25.3

153 13.7 11.0 16.6

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



#50

Dimethylphthalate

Concen: 38.935 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

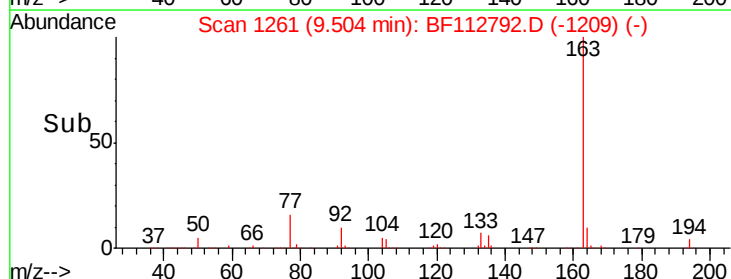
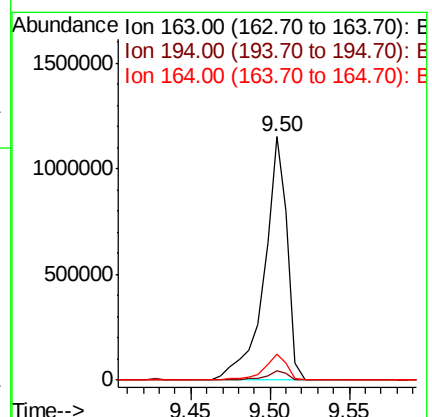
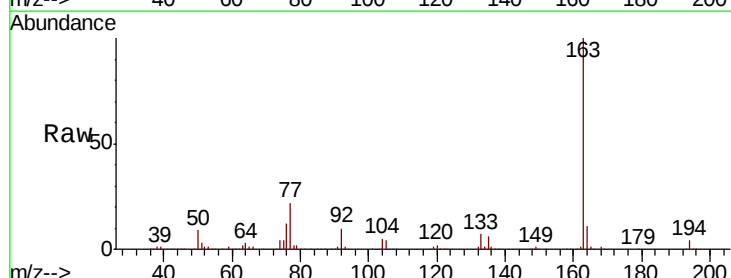
Tgt Ion:163 Resp: 1157979

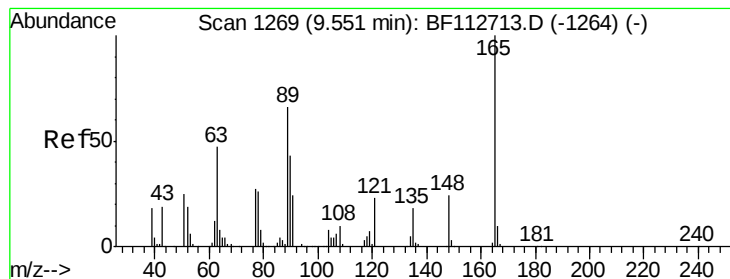
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.8 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 43.202 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

ClientSampleId :

PB117468BS

Tot Ion:165 Resp: 267564

Ion Ratio Lower Upper

165 100

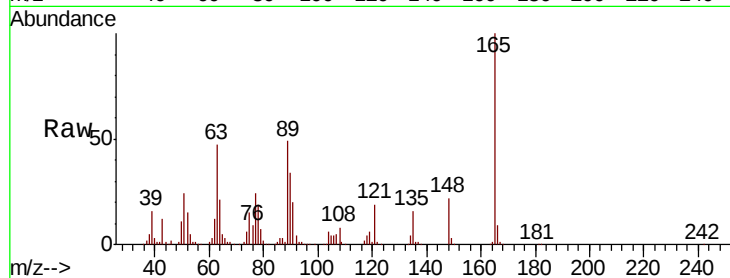
63 47.3 54.1 81.1#

89 49.3 52.8 79.2#

Manual Integrations
APPROVED

Sohil

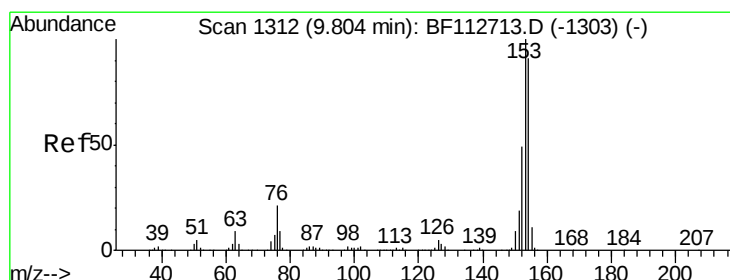
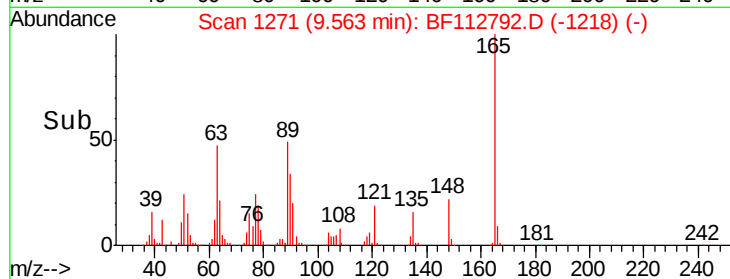
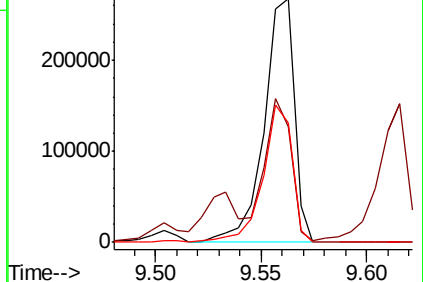
3/4/2019 4:55:26 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.668 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

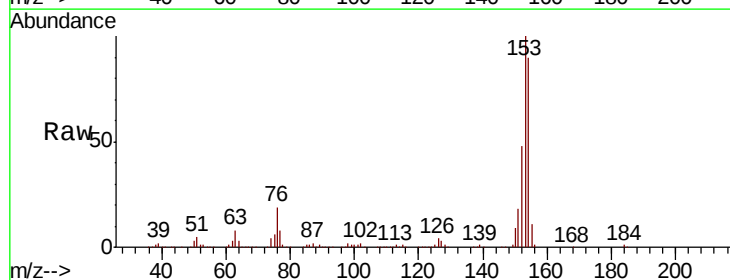
Tgt Ion:154 Resp: 986188

Ion Ratio Lower Upper

154 100

153 110.9 87.8 131.8

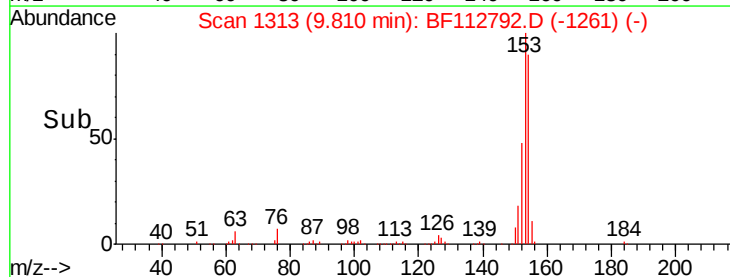
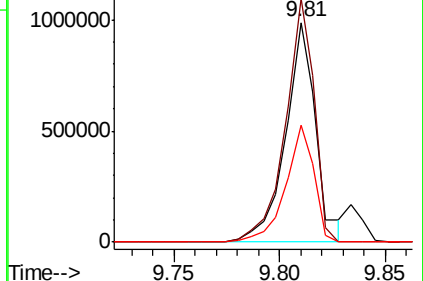
152 53.3 43.0 64.6

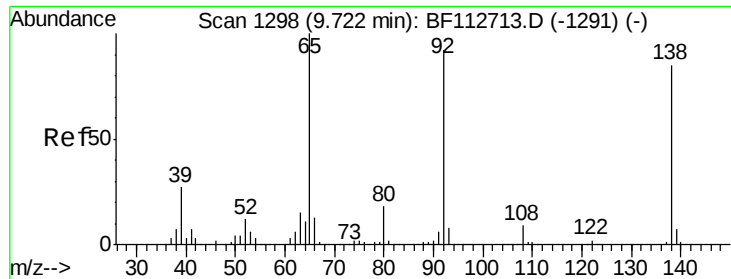


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





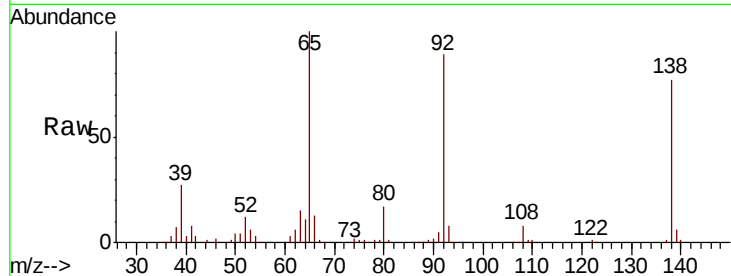
#53
3-Nitroaniline
Concen: 27.946 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.6	13.0
92	115.8	86.6	129.8

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM

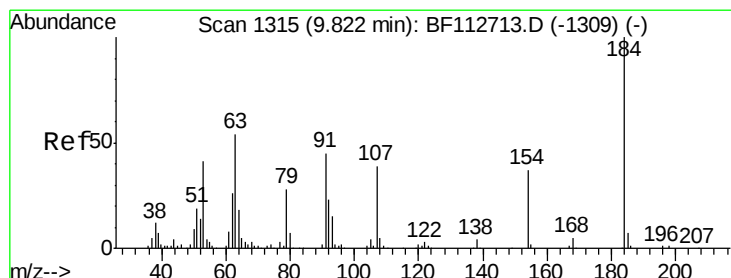
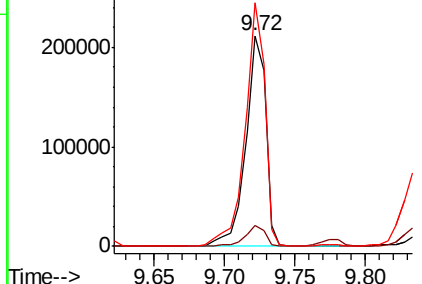
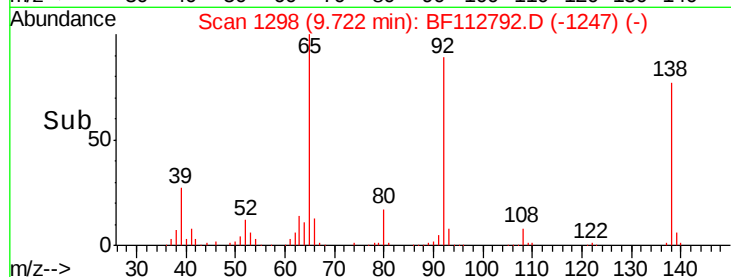


Abundance

Ion 138.00 (137.70 to 138.70): E

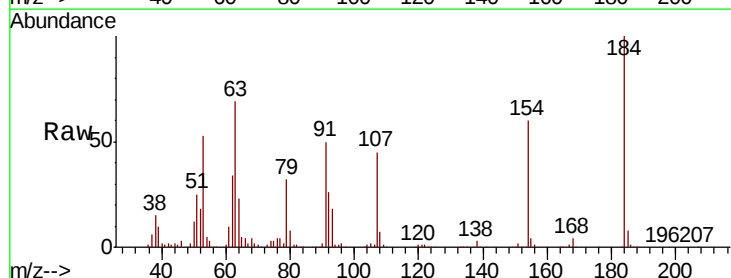
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 103.502 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.0	45.3	67.9#
154	59.8	46.0	69.0

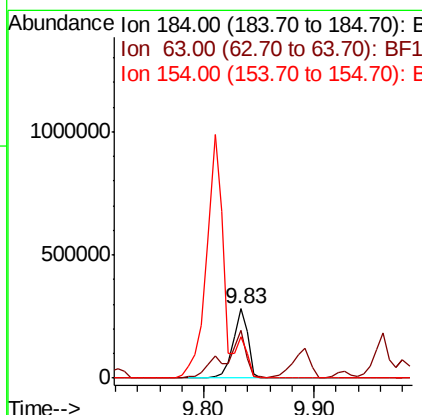
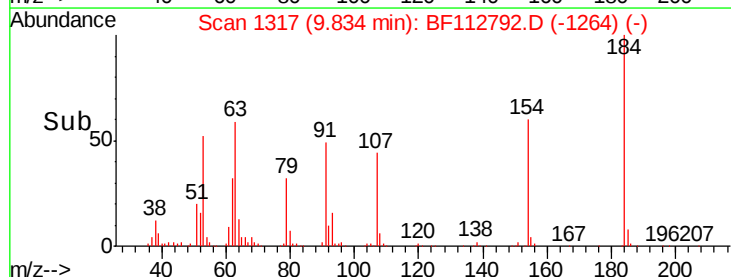


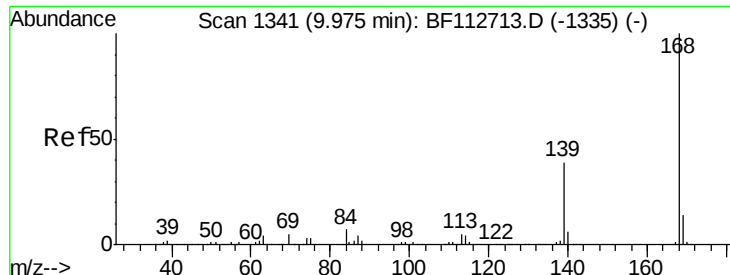
Abundance

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





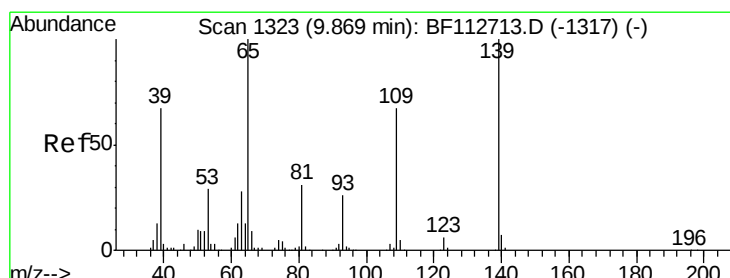
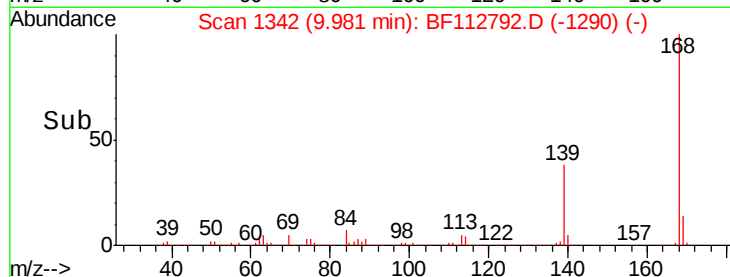
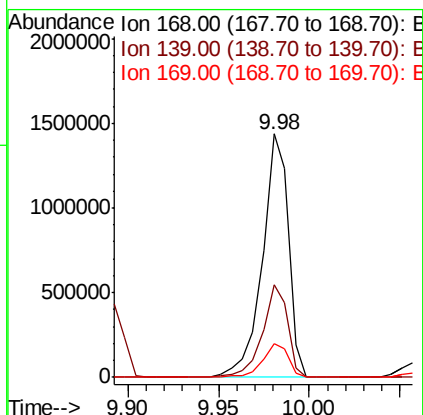
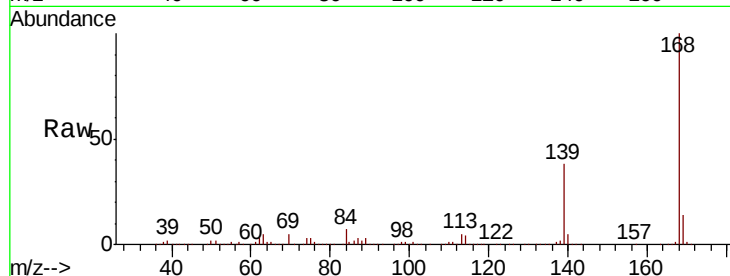
#55
Dibenzenofuran
Concen: 38.618 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.3	46.9
169	14.0	11.3	16.9

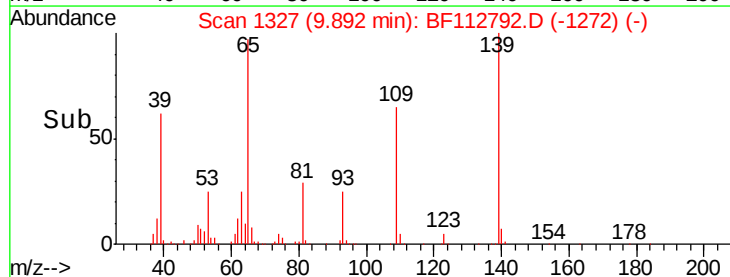
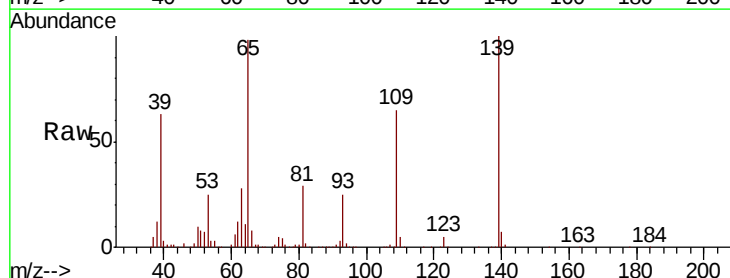
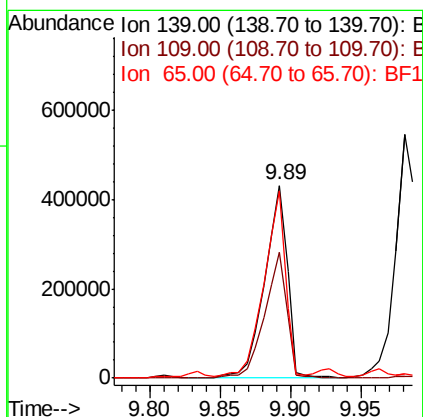
Manual Integrations
APPROVED

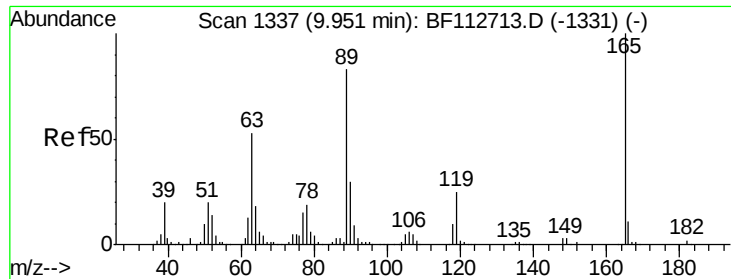
Sohil
3/4/2019 4:55:26 PM



#56
4-Nitrophenol
Concen: 79.987 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.1	46.8	86.8
65	97.5	80.7	120.7





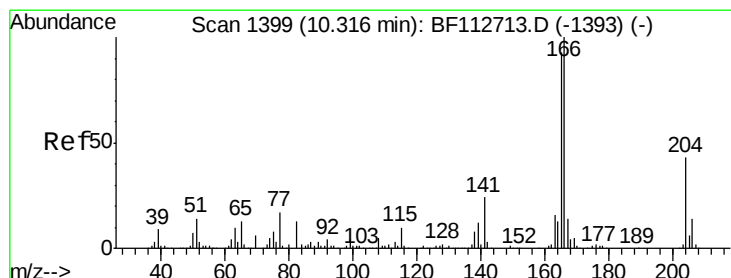
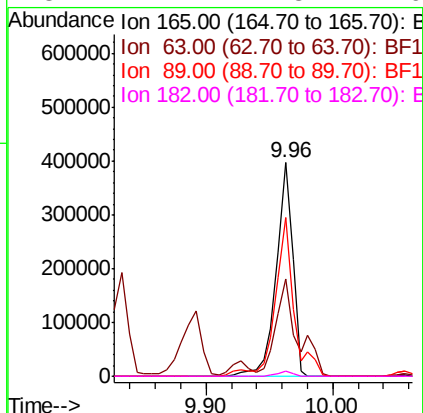
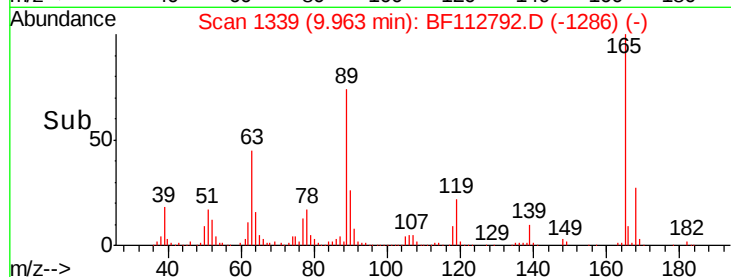
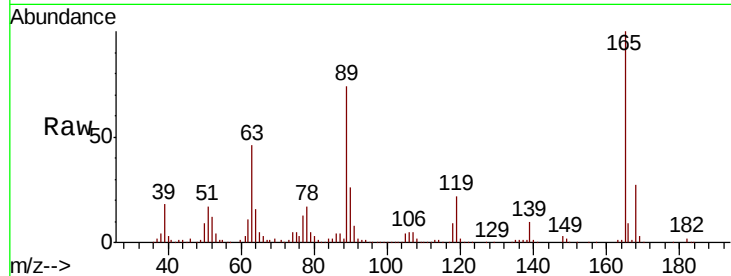
#57
2,4-Dinitrotoluene
Concen: 46.092 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampled :
PB117468BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		354842		
63	45.6		42.2	63.2	
89	74.4		66.2	99.4	
182	2.4		1.8	2.6	

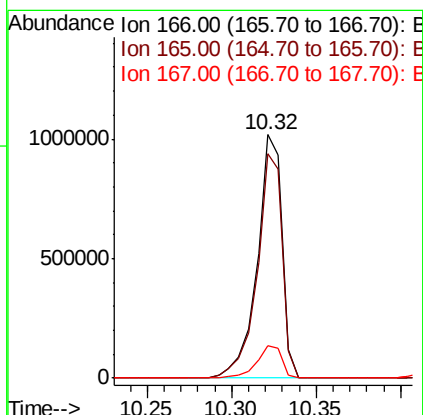
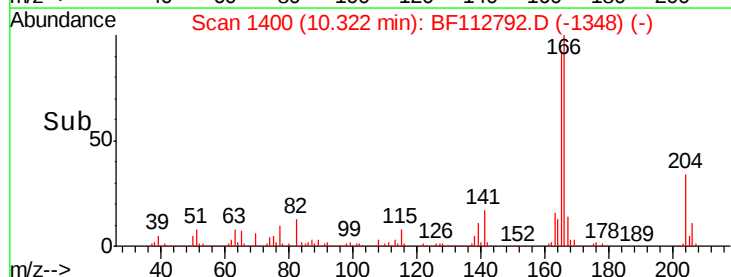
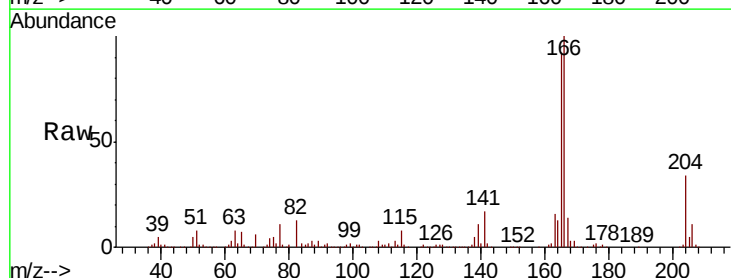
Manual Integrations
APPROVED

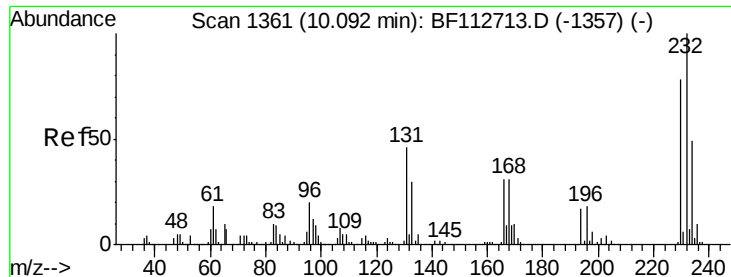
Sohil
3/4/2019 4:55:26 PM



#58
Fluorene
Concen: 39.438 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1037551		
165	92.0		74.7	112.1	
167	13.5		11.0	16.6	





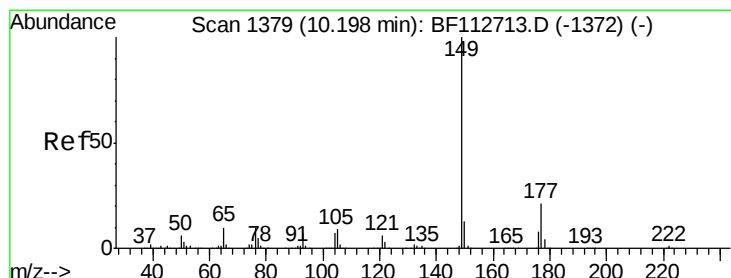
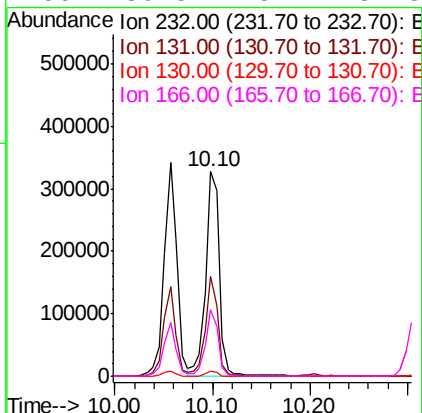
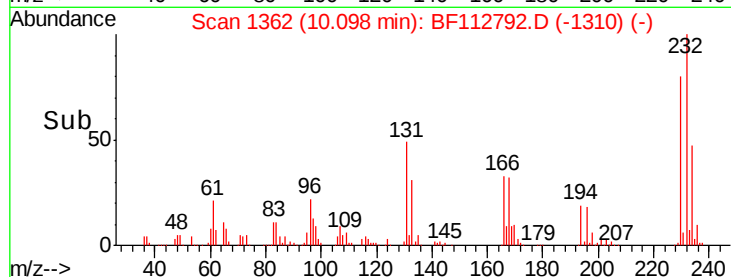
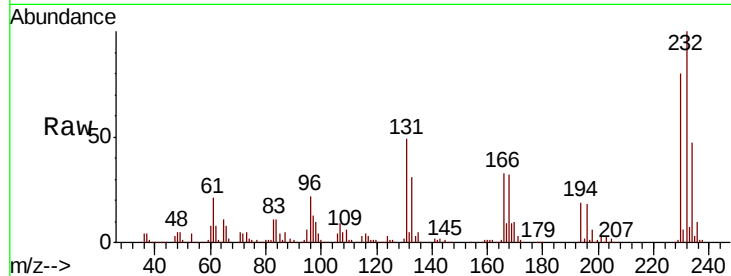
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.481 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampled :
PB117468BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	38.7	58.1
130	2.1	1.9	2.9
166	30.5	25.2	37.8

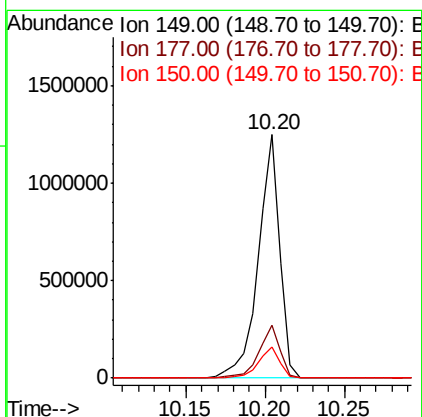
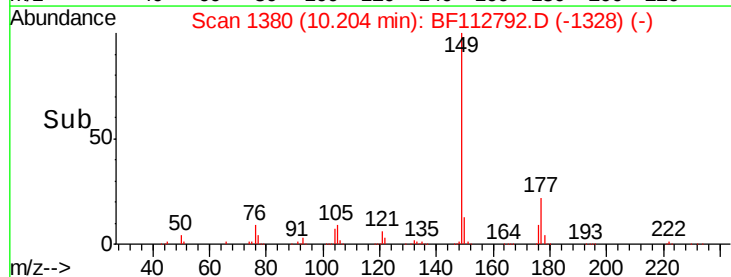
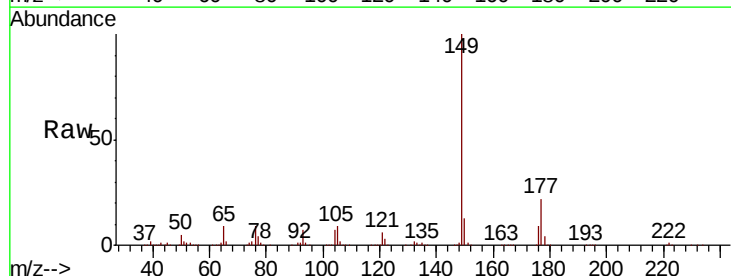
Manual Integrations
APPROVED

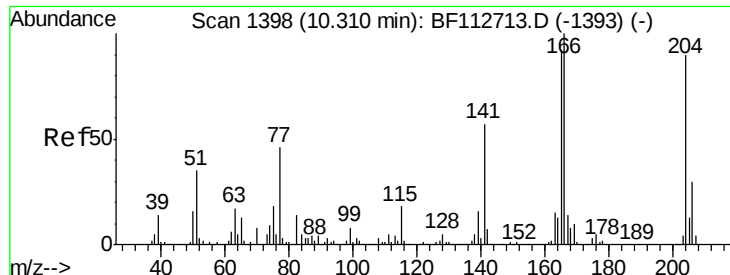
Sohil
3/4/2019 4:55:26 PM



#60
Diethylphthalate
Concen: 37.516 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	12.8	10.0	15.0





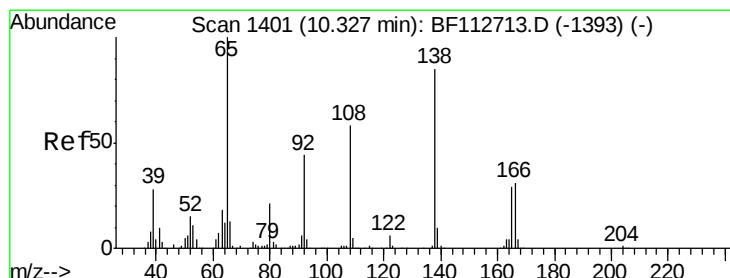
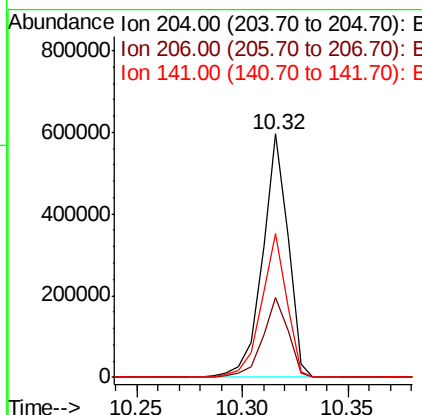
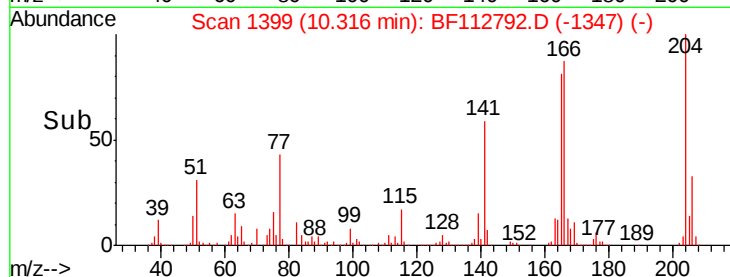
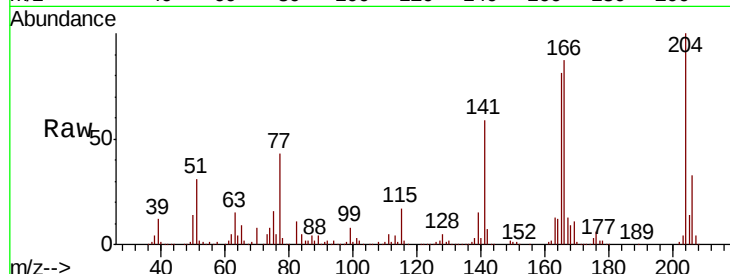
#61
4-Chlorophenyl-phenylether
Concen: 40.948 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	40.0
141	59.0	50.8	76.2

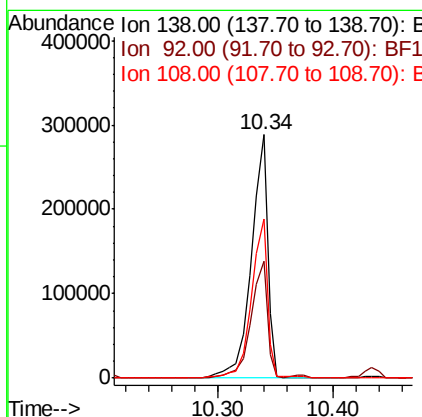
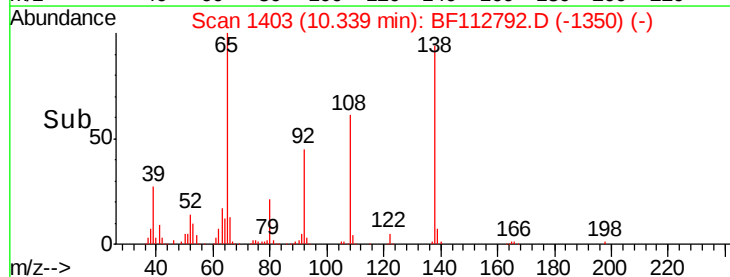
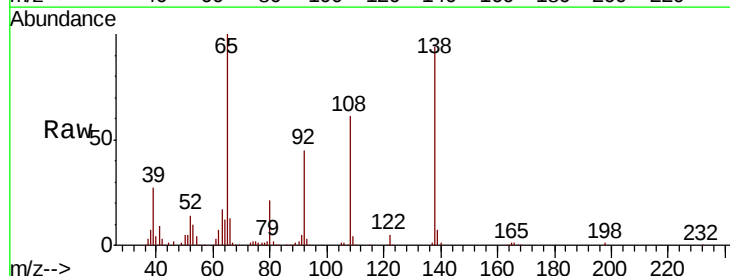
Manual Integrations
APPROVED

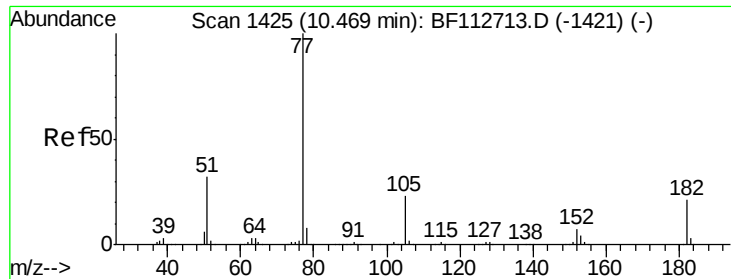
Sohil
3/4/2019 4:55:26 PM



#62
4-Nitroaniline
Concen: 41.002 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	31.3	71.3
108	65.3	48.1	88.1





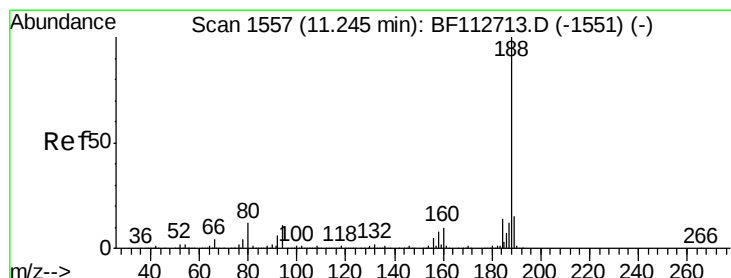
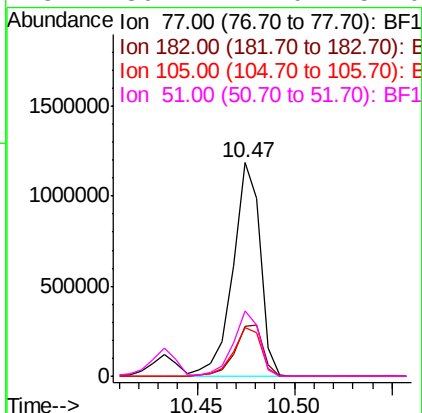
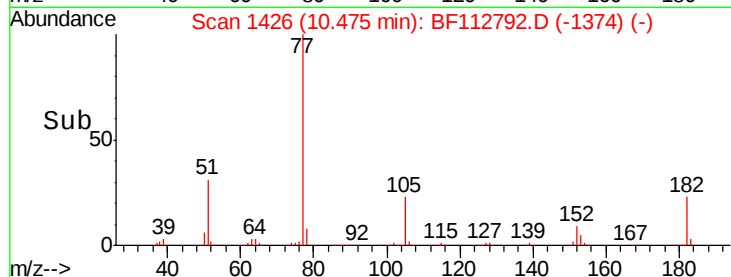
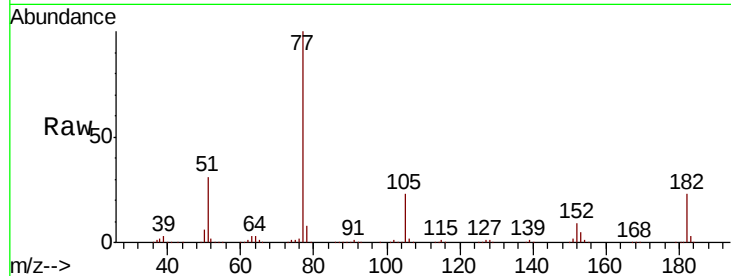
#63
Azobenzene
Concen: 35.568 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.2	1.4	41.4	
105	22.6	2.6	42.6	
51	30.7	12.0	52.0	

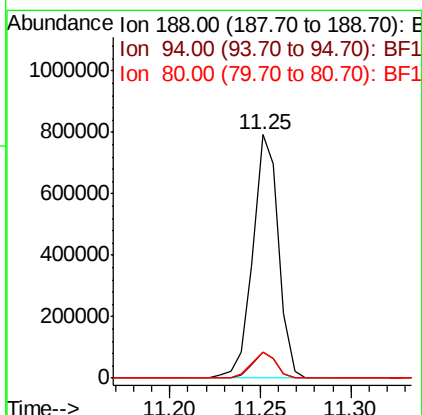
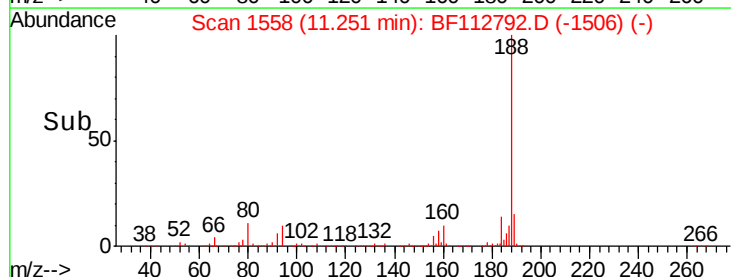
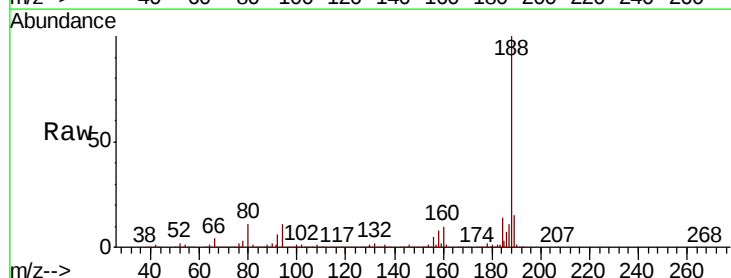
Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.7	9.0	13.4	
80	10.6	9.2	13.8	





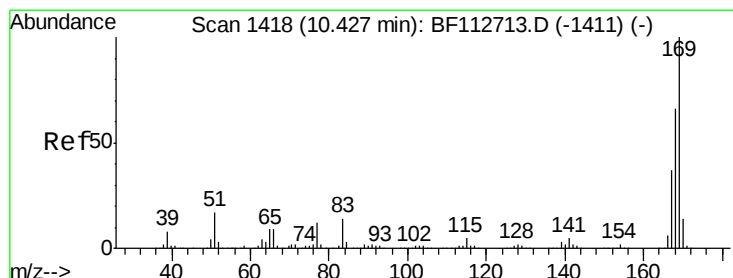
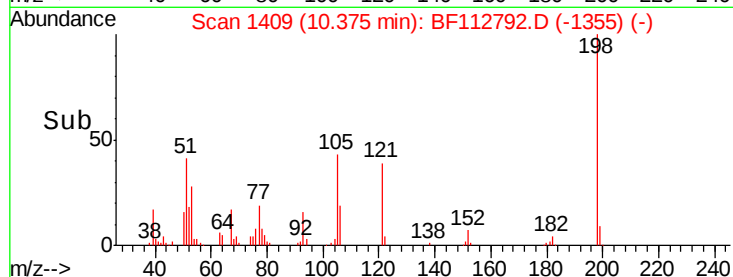
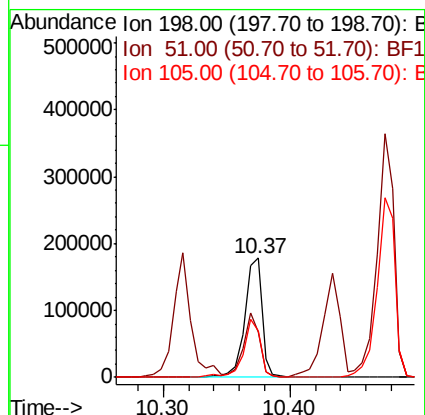
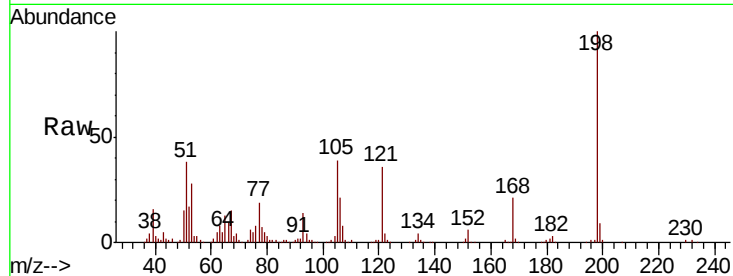
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.829 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.02 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampled :
 PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	167449		
51	37.6	43.8	83.8#	
105	39.2	36.5	76.5	

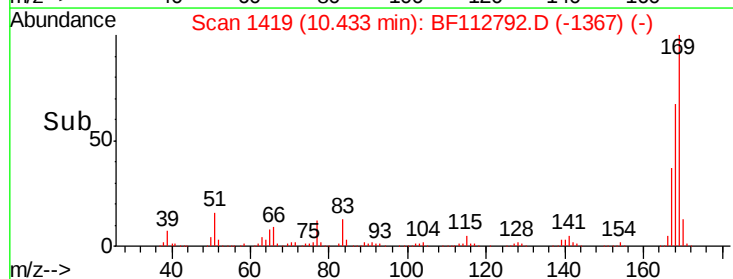
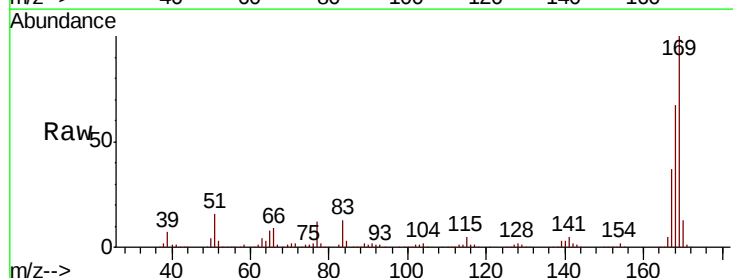
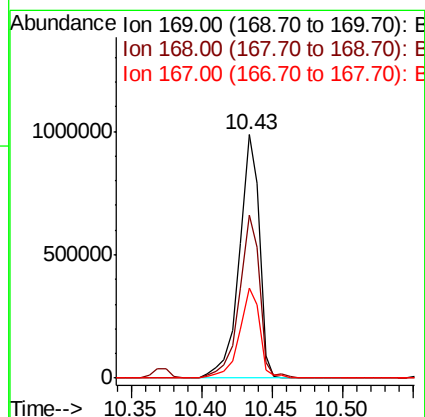
Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:55:26 PM



#66
 n-Nitrosodiphenylamine
 Concen: 38.884 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	972926		
168	66.9	53.0	79.6	
167	36.9	29.3	43.9	





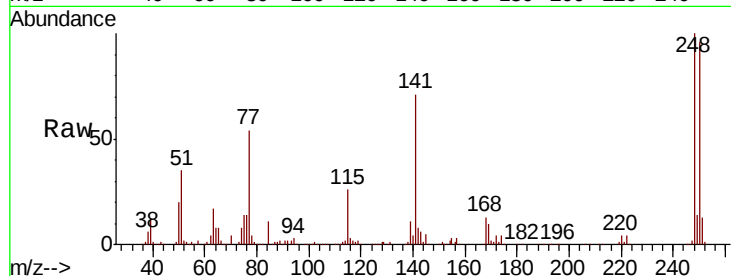
#67
4-Bromophenyl-phenylether
Concen: 41.375 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampled :
PB117468BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.5	116.3
141	70.8	62.4	93.6

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM

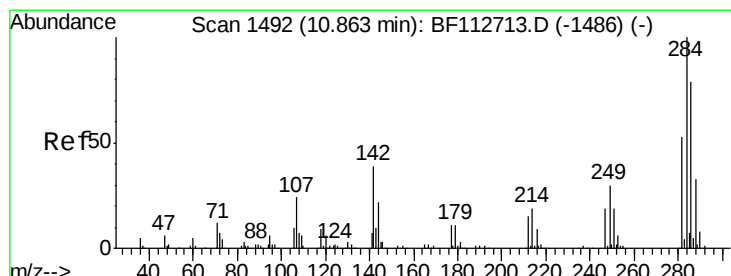
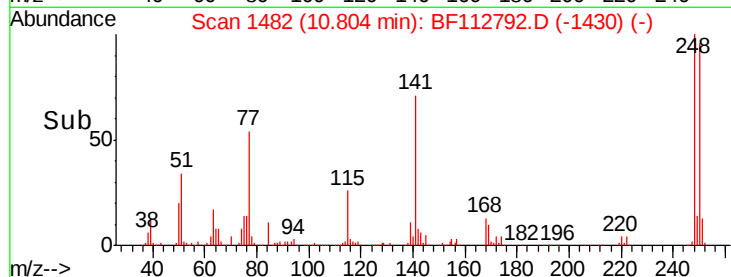
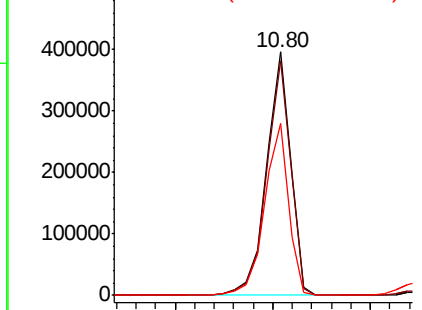


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.570 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

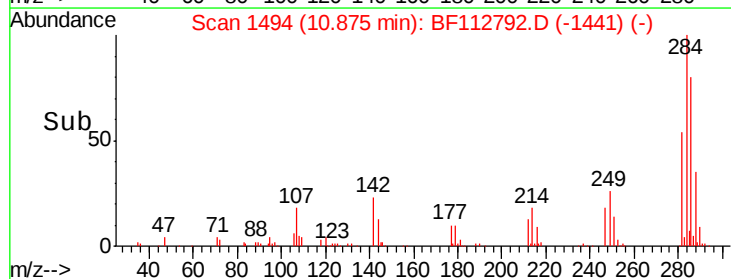
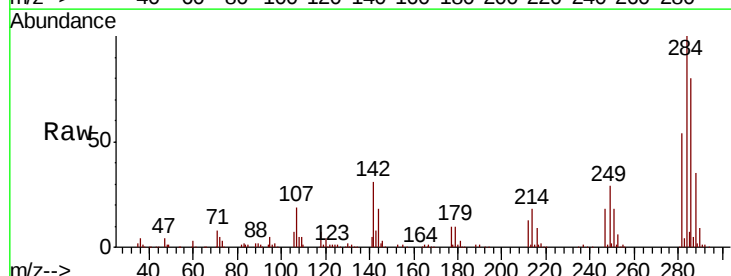
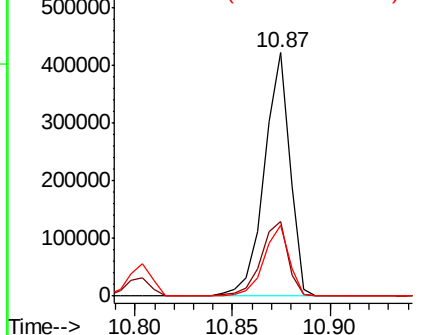
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	31.0	46.6#
249	28.9	23.6	35.4

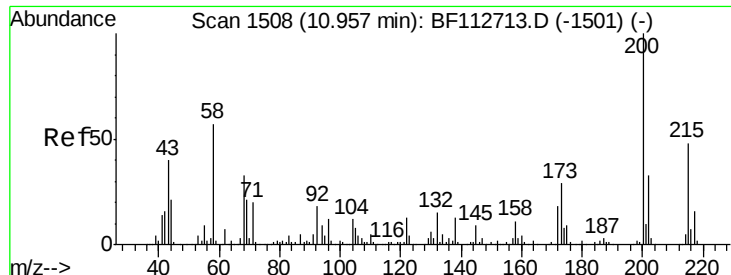
Abundance

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





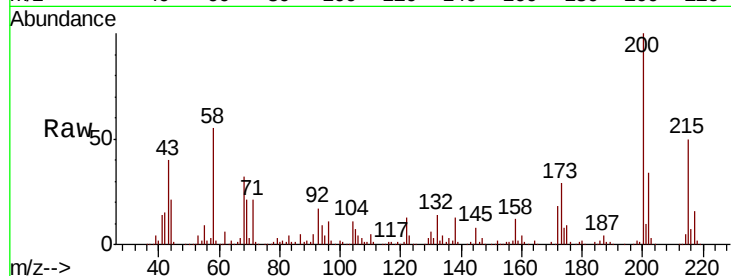
#69
 Atrazine
 Concen: 39.378 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

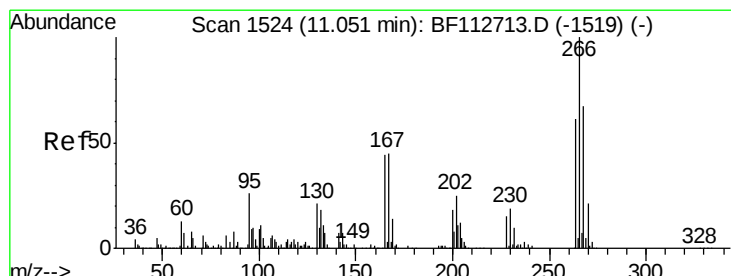
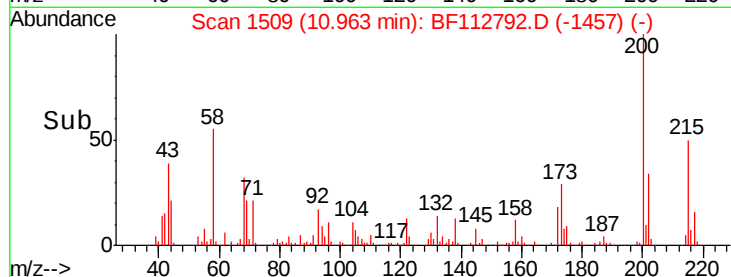
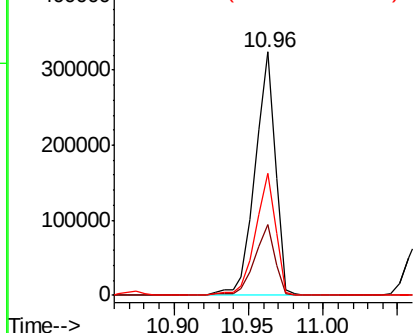
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.9	9.1	49.1
215	50.0	28.2	68.2

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:55:26 PM

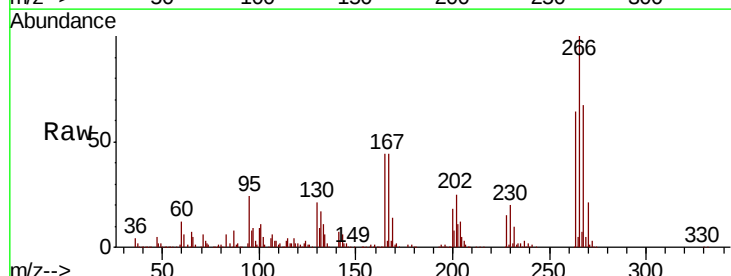


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

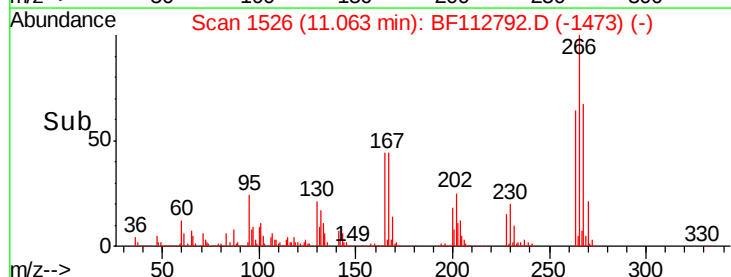
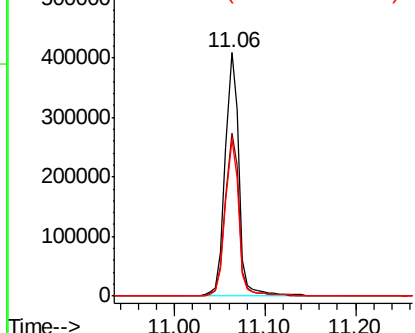


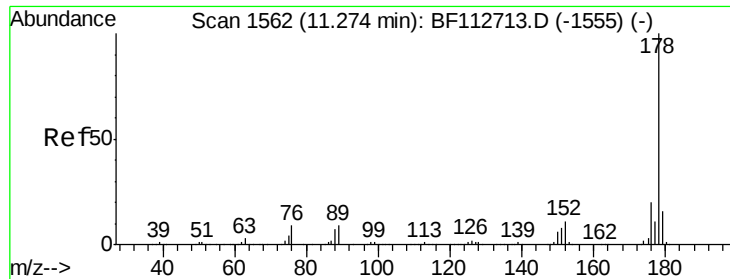
#70
 Pentachlorophenol
 Concen: 78.288 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.7	53.3	79.9
264	64.2	48.9	73.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





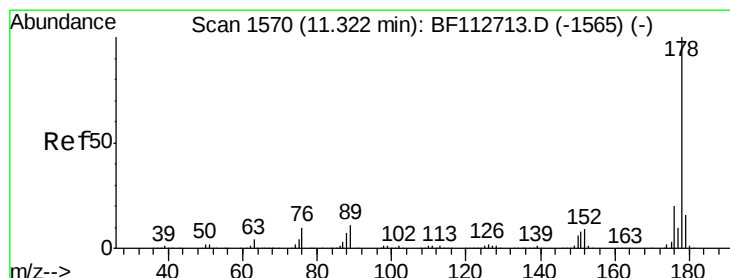
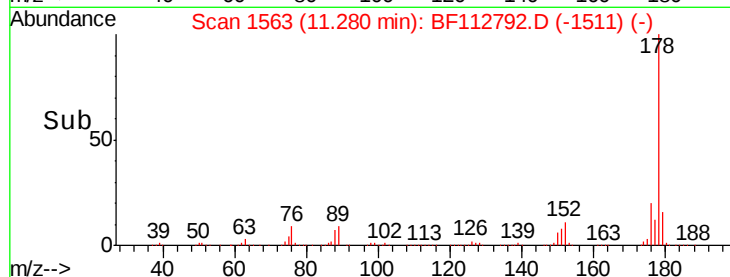
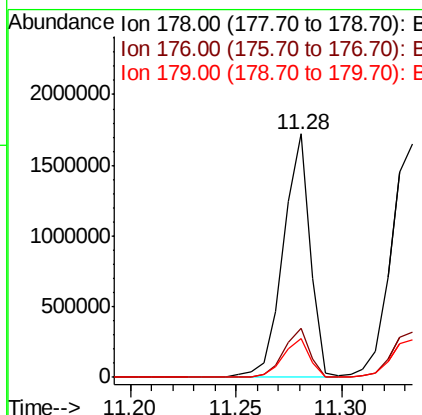
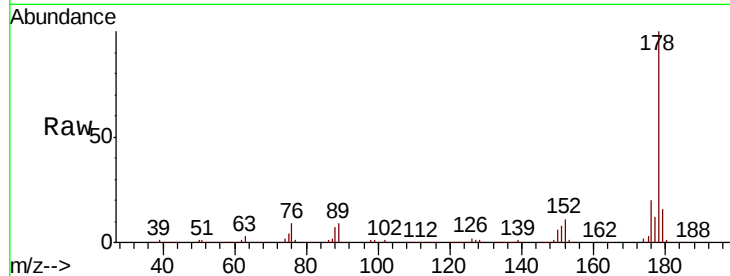
#71
Phenanthrene
Concen: 39.535 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion:178 Resp: 1534636
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.1 12.7 19.1

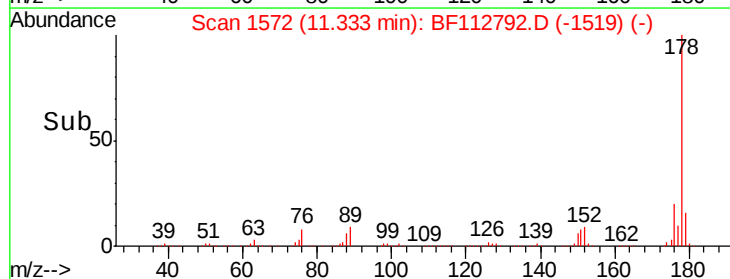
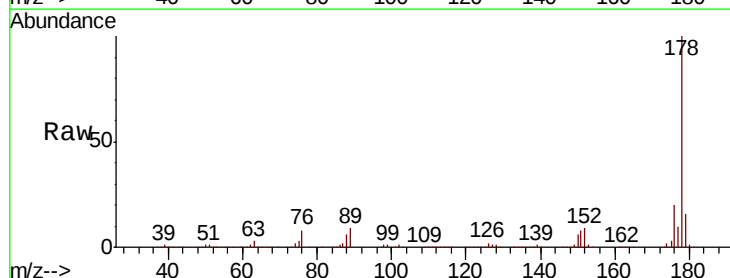
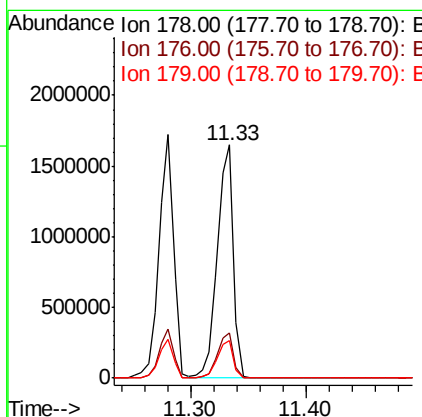
Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



#72
Anthracene
Concen: 38.993 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion:178 Resp: 1584418
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.2 13.0 19.6





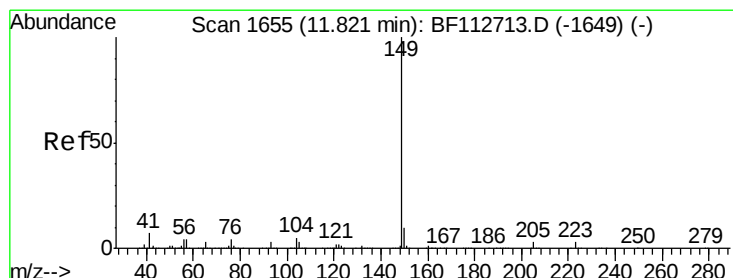
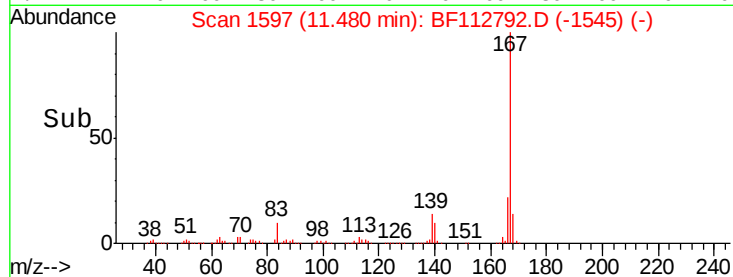
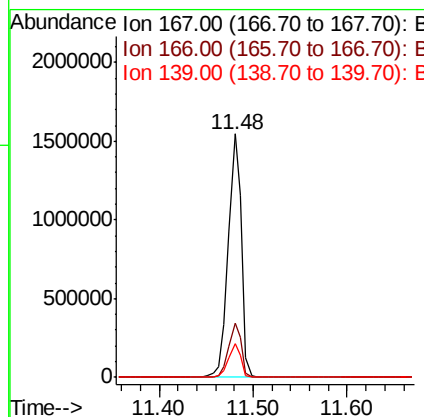
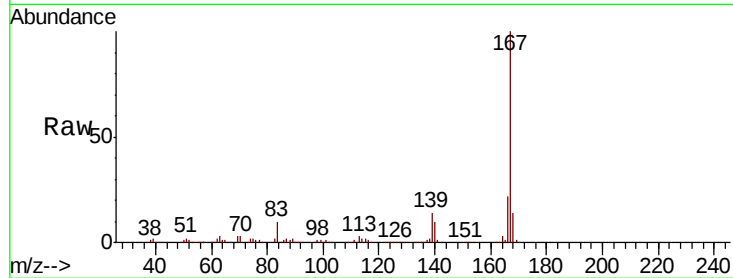
#73
 Carbazole
 Concen: 37.597 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.5	26.3	
139	13.6	10.8	16.2	

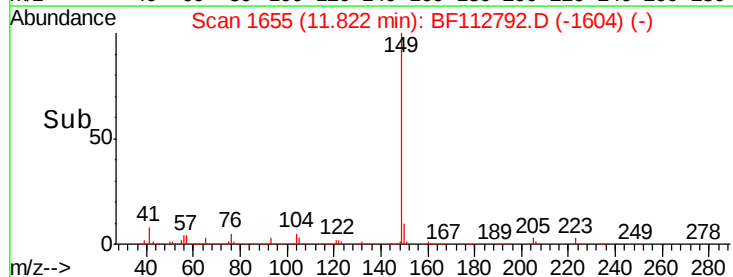
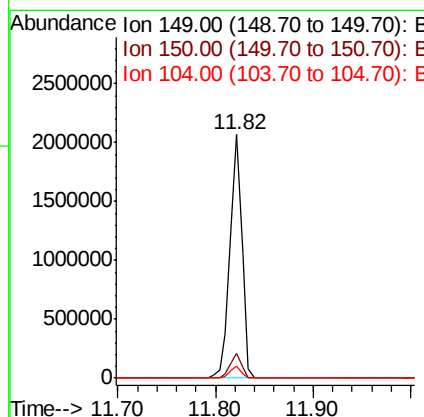
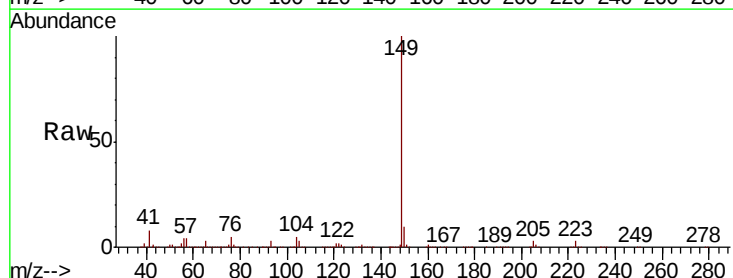
Manual Integrations
 APPROVED

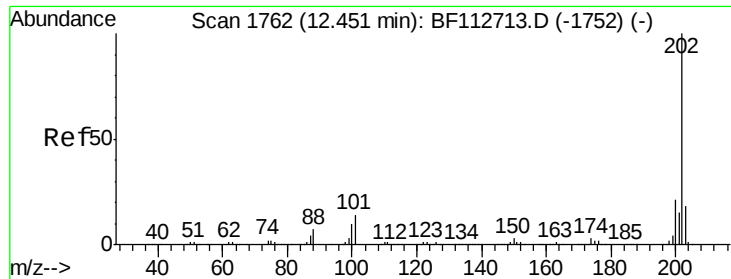
Sohil
 3/4/2019 4:55:26 PM



#74
 Di-n-butylphthalate
 Concen: 37.288 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.0	7.6	11.4	
104	4.9	3.7	5.5	





#75

Fluoranthene

Concen: 39.686 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

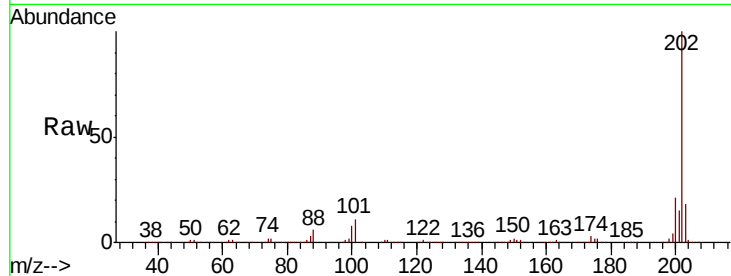
ClientSampleId :

PB117468BS

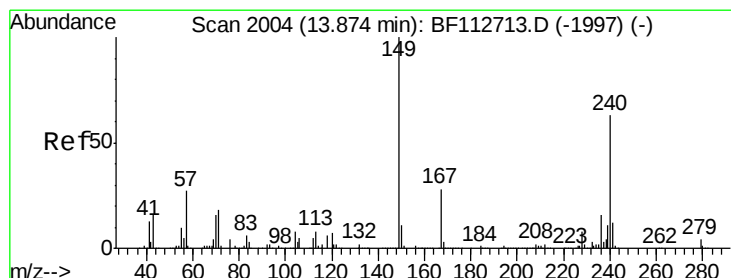
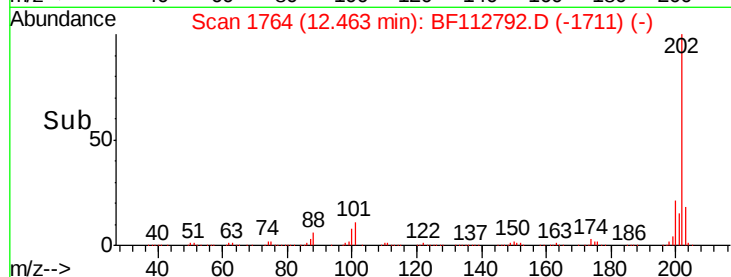
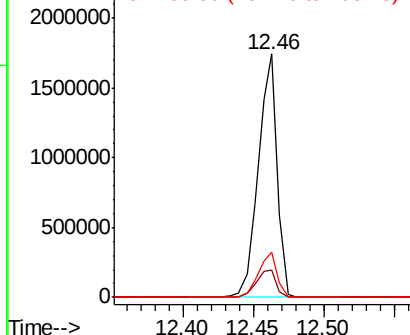
Tot Ion:	202	Resp:	1650456
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	33.8
203	18.5	0.0	38.4

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

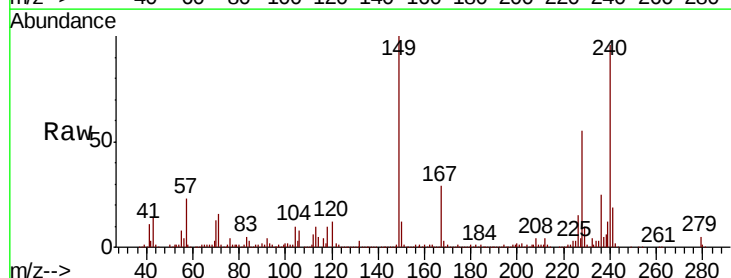
RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

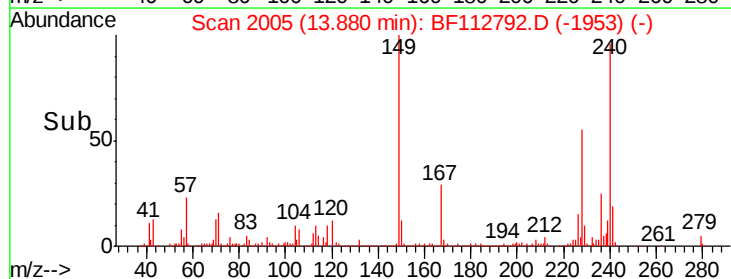
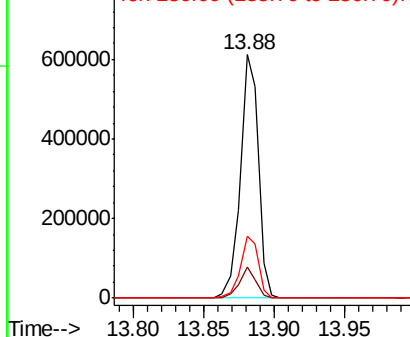
Lab File: BF112792.D

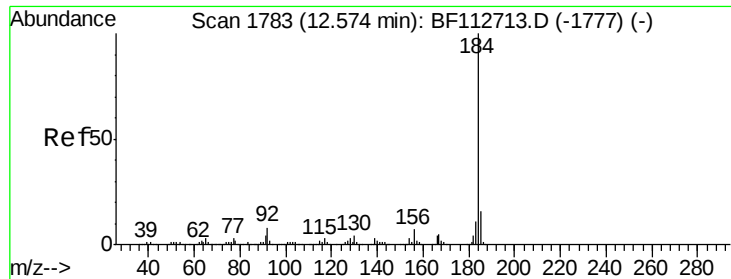
Acq: 1 Mar 2019 11:45

Tgt Ion:	240	Resp:	540923
Ion Ratio	Lower	Upper	
240	100		
120	12.6	8.9	13.3
236	25.7	20.7	31.1



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





#77

Benzidine

Concen: 23.880 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

ClientSampleId :

PB117468BS

Tot Ion:184 Resp: 670155

Ion Ratio Lower Upper

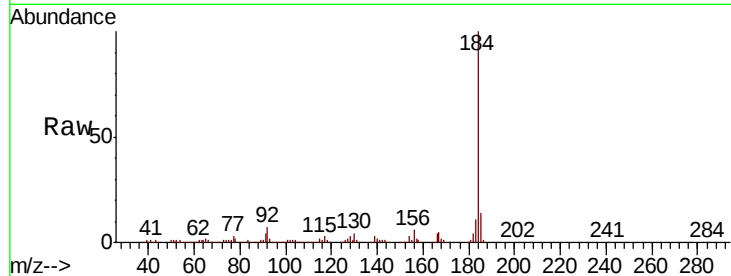
184 100

185 14.0 12.6 18.8

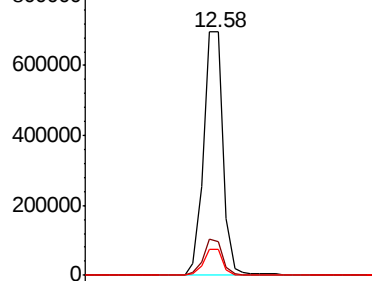
183 10.8 8.6 12.8

Manual Integrations
APPROVED

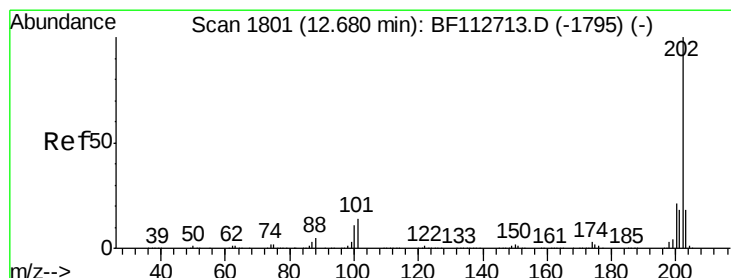
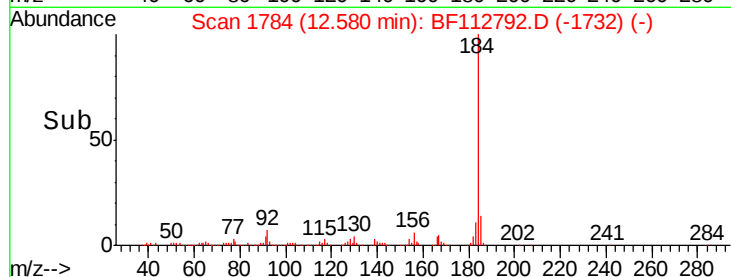
Sohil
3/4/2019 4:55:26 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time--> 12.50 12.55 12.60 12.65



#78

Pyrene

Concen: 36.803 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

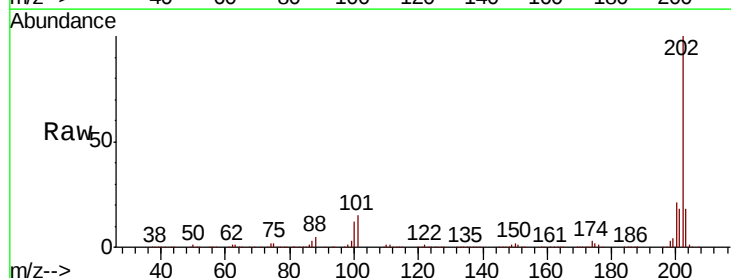
Tgt Ion:202 Resp: 1678268

Ion Ratio Lower Upper

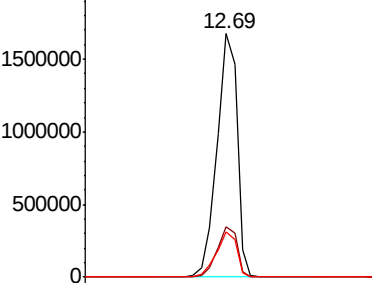
202 100

200 20.9 17.0 25.4

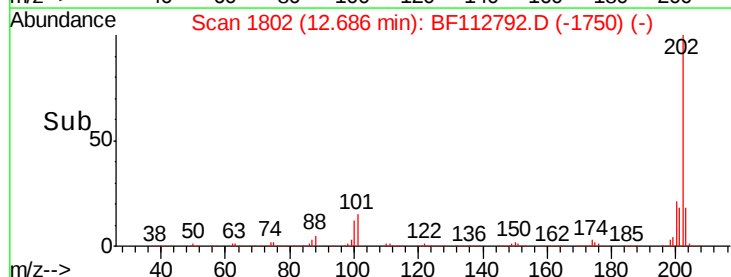
203 18.4 14.4 21.6

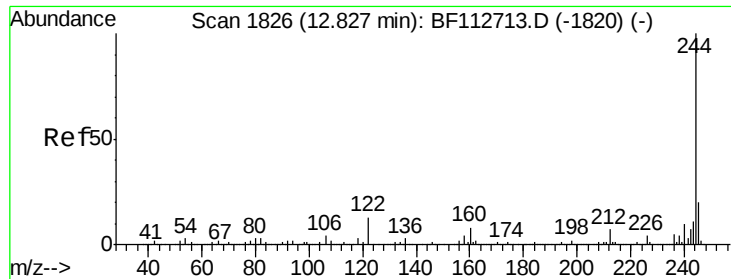


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.60 12.65 12.70 12.75





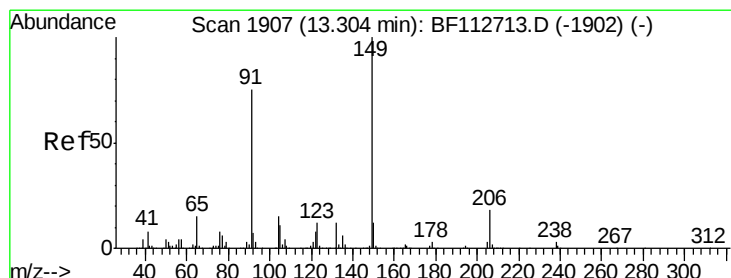
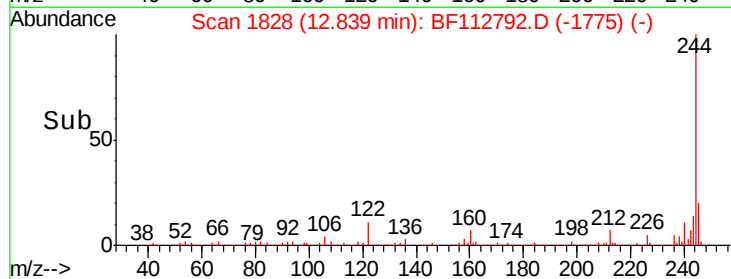
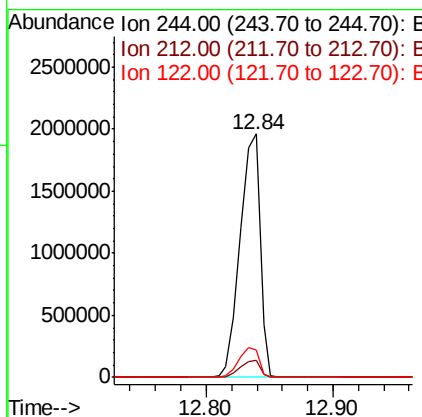
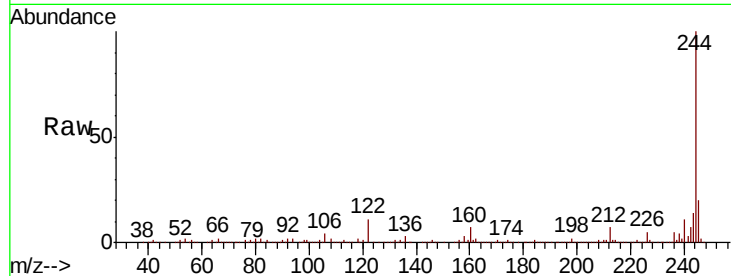
#79
 Terphenyl-d14
 Concen: 76.615 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.1	10.5	15.7

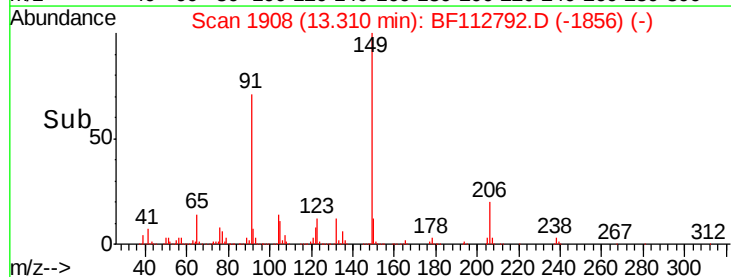
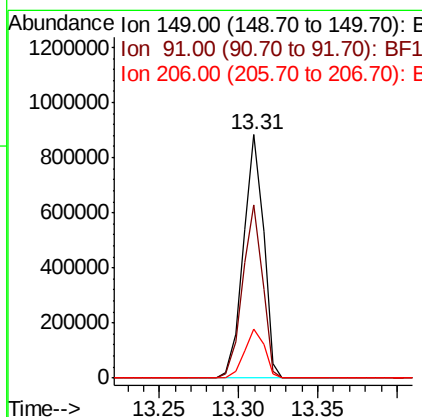
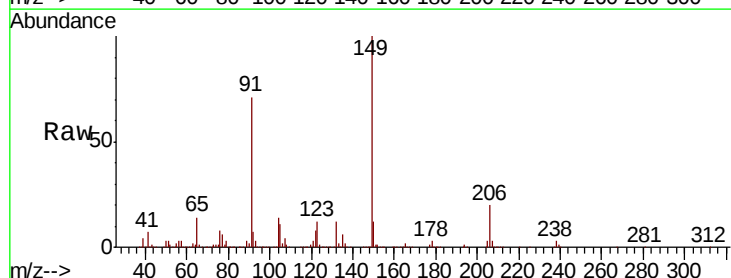
Manual Integrations
 APPROVED

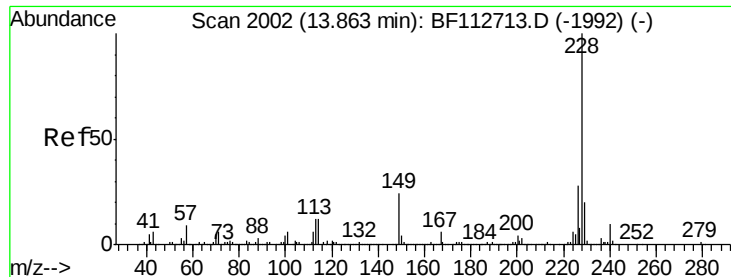
Sohil
 3/4/2019 4:55:26 PM



#80
 Butylbenzylphthalate
 Concen: 38.466 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	59.9	89.9
206	20.3	14.7	22.1





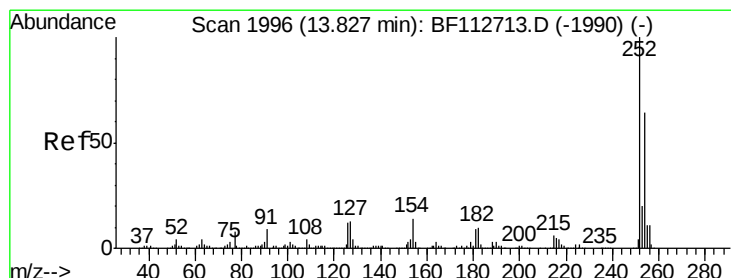
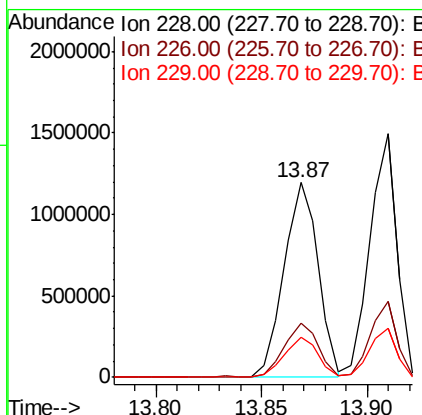
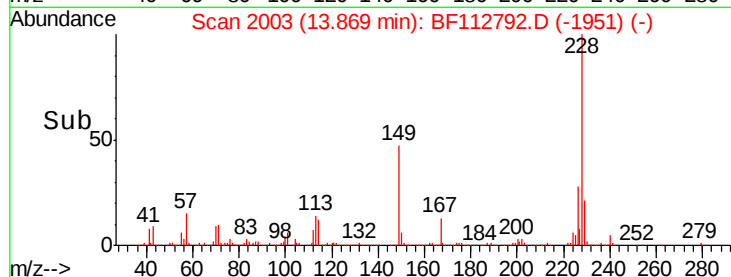
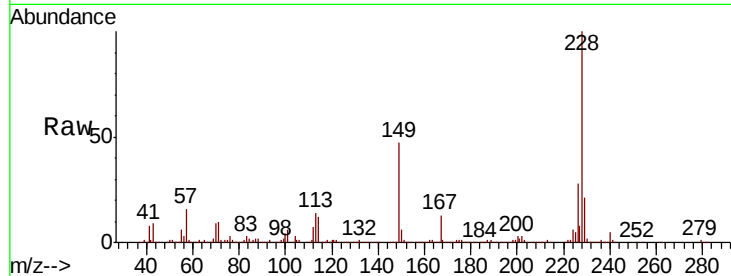
#81
Benzo(a)anthracene
Concen: 35.916 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.4
229	20.8	16.0	24.0

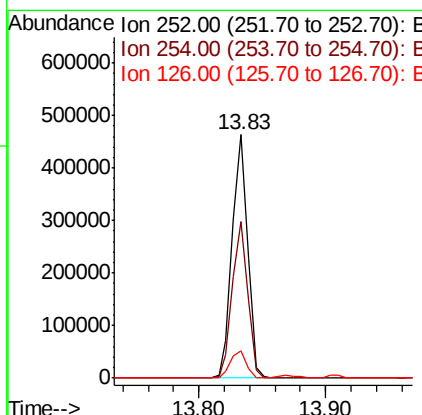
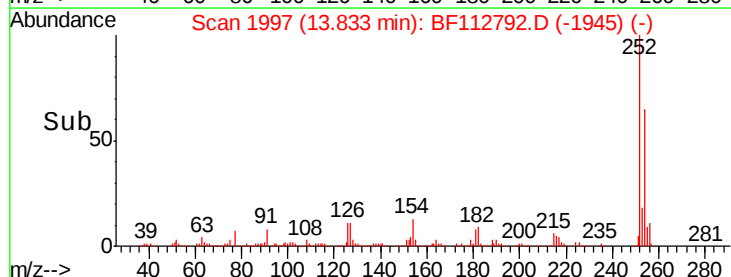
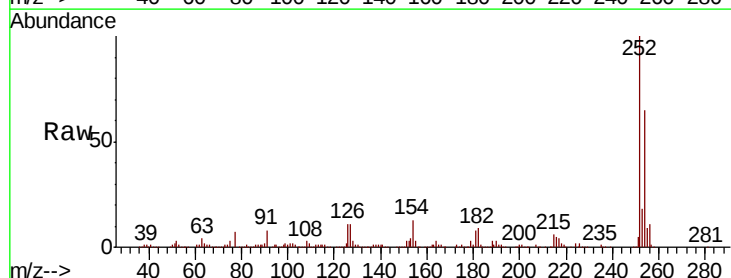
Manual Integrations
APPROVED

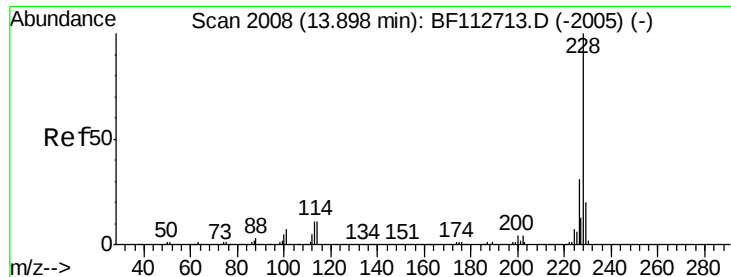
Sohil
3/4/2019 4:55:26 PM



#82
3,3'-Dichlorobenzidine
Concen: 27.466 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.1	76.7
126	11.3	9.9	14.9





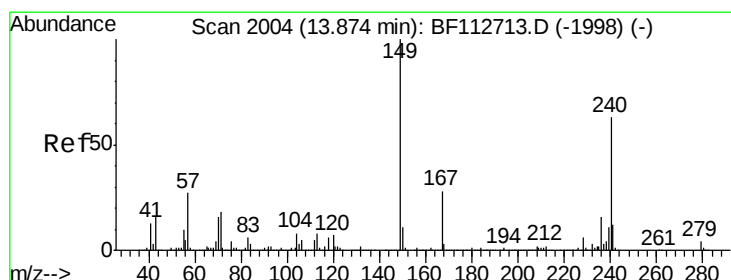
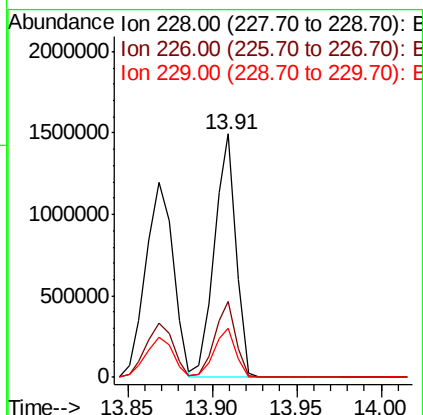
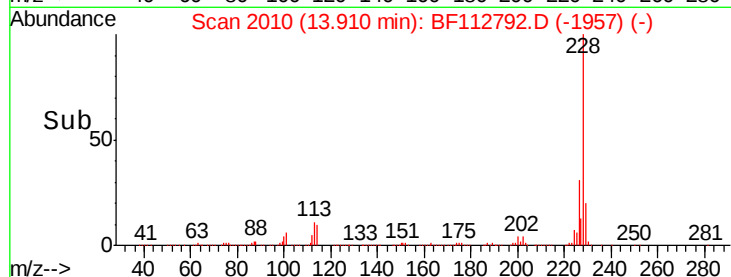
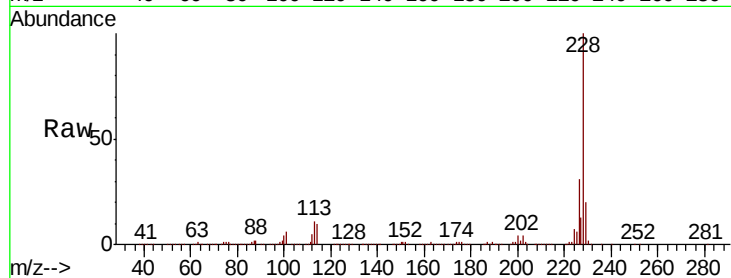
#83
 Chrvsene
 Concen: 36.322 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.4	16.3	24.5

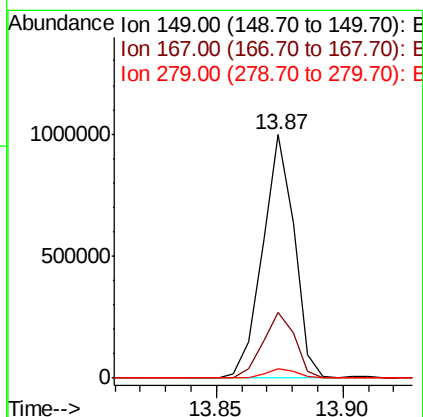
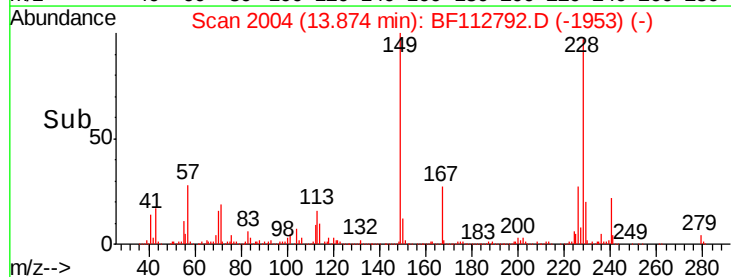
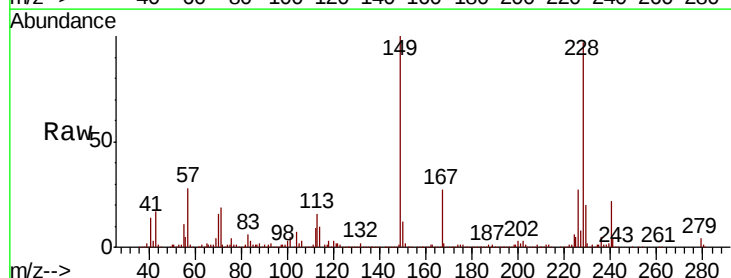
Manual Integrations
 APPROVED

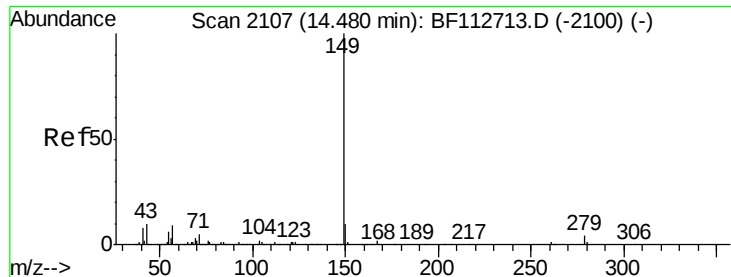
Sohil
 3/4/2019 4:55:26 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.777 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF112792.D
 Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.4	33.6
279	3.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 39.009 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

Instrument :

BNA_F

ClientSampleId :

PB117468BS

Tot Ion:149 Resp: 1581482

Ion Ratio Lower Upper

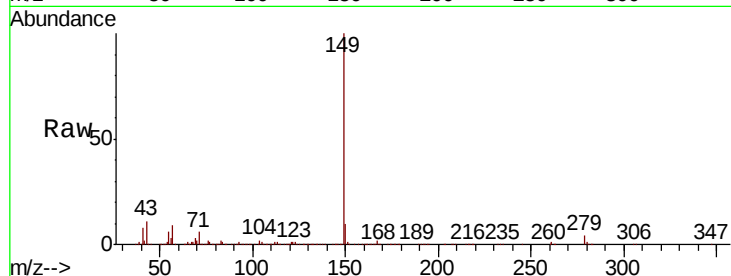
149 100

167 1.6 1.2 1.8

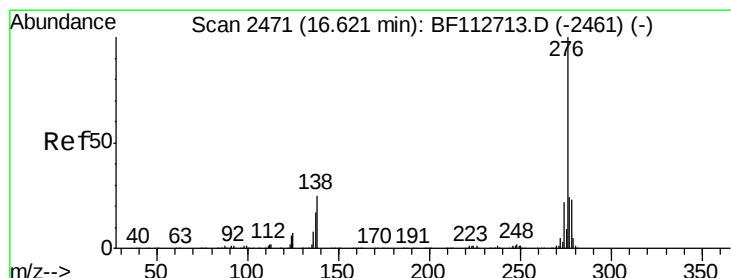
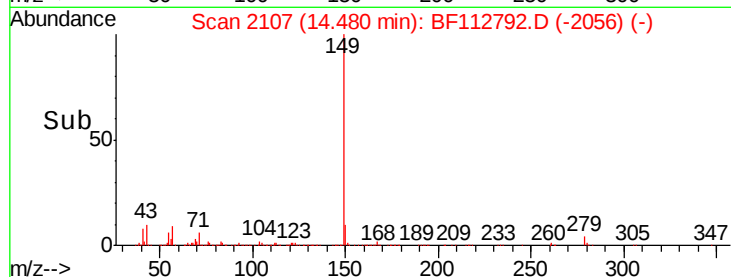
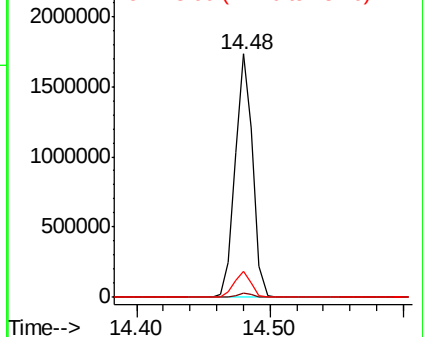
43 10.3 9.0 13.4

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.626 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.03 min

Lab File: BF112792.D

Acq: 1 Mar 2019 11:45

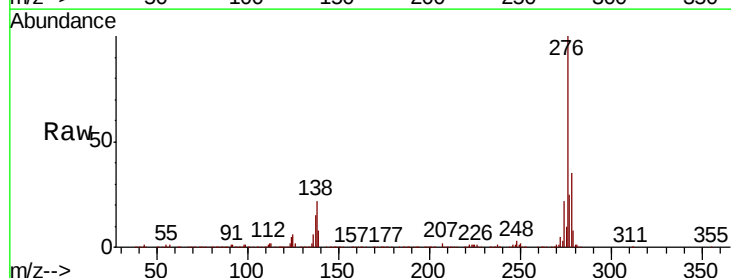
Tgt Ion:276 Resp: 1115324

Ion Ratio Lower Upper

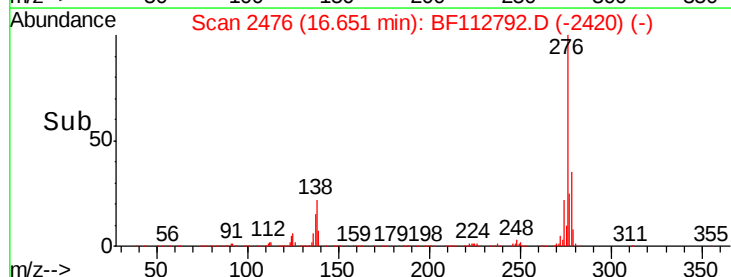
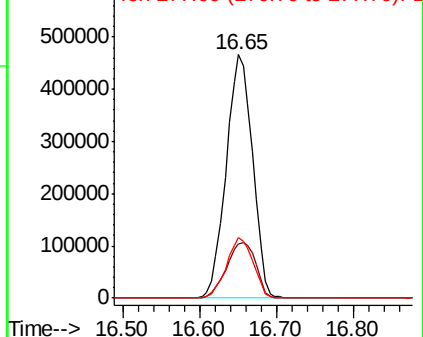
276 100

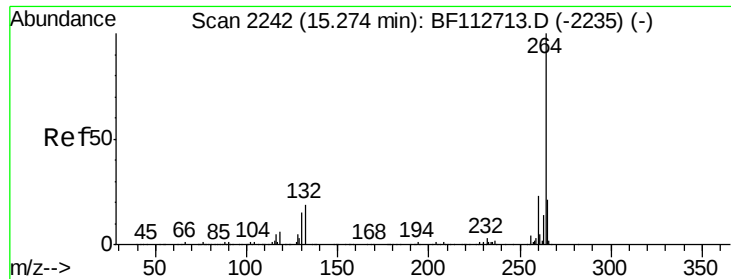
138 25.4 23.2 34.8

277 25.1 19.9 29.9



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





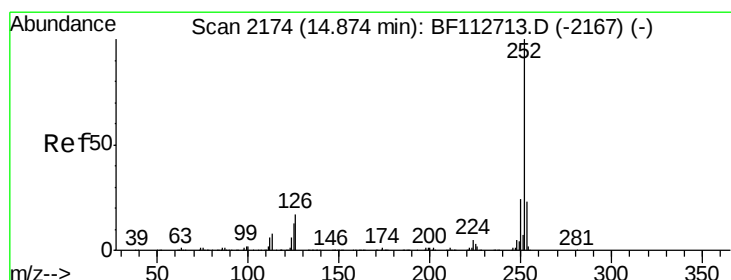
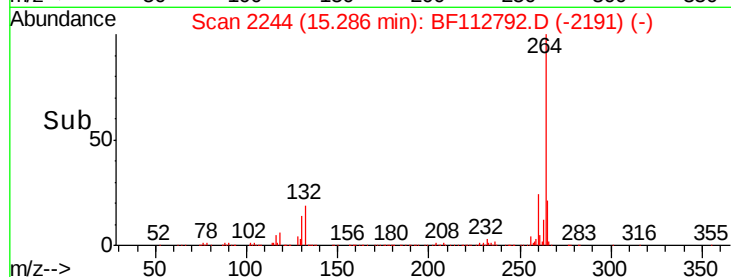
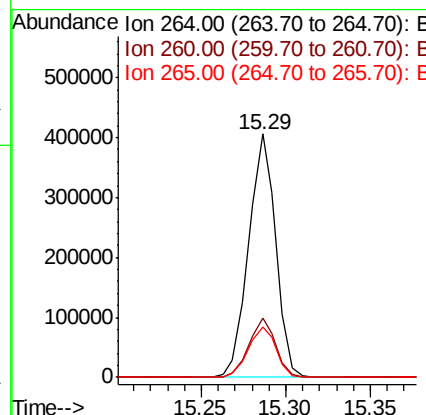
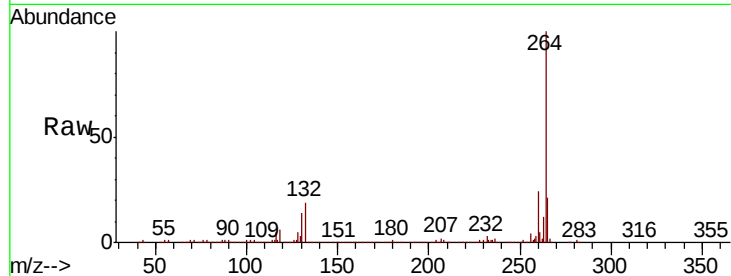
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	20.9	17.2	25.8

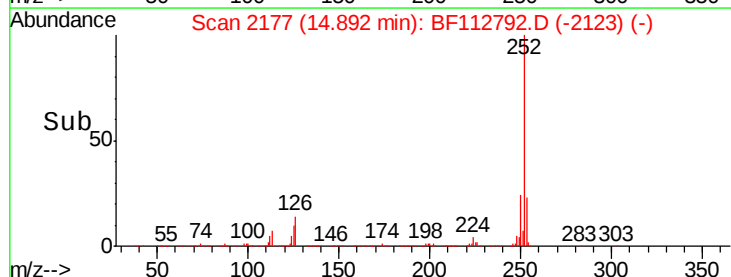
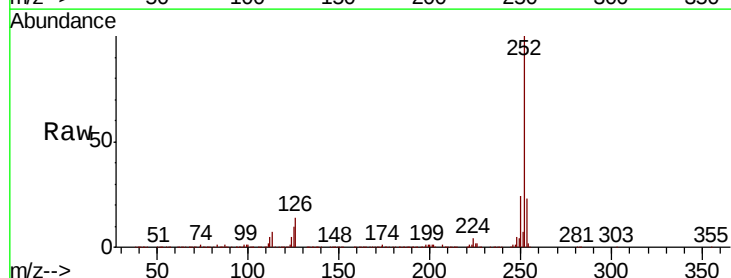
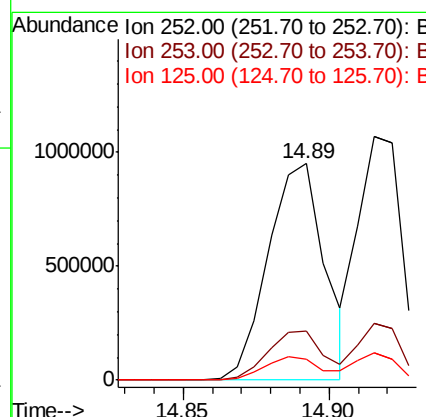
Manual Integrations
APPROVED

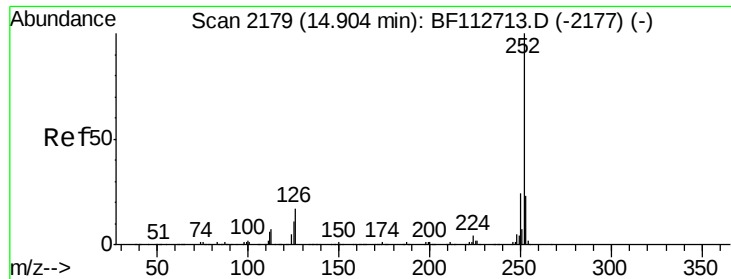
Sohil
3/4/2019 4:55:26 PM



#88
Benzo(b)fluoranthene
Concen: 43.706 ng m
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.6	10.2	15.2#





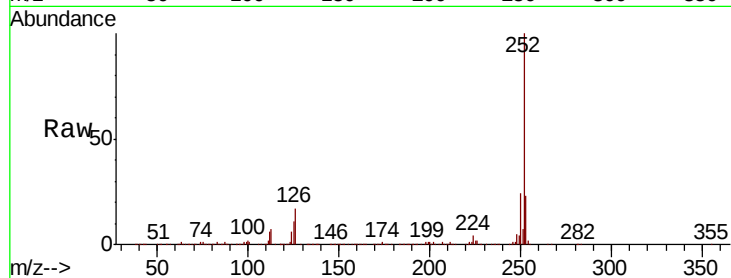
#89
Benzo(k)fluoranthene
Concen: 41.399 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

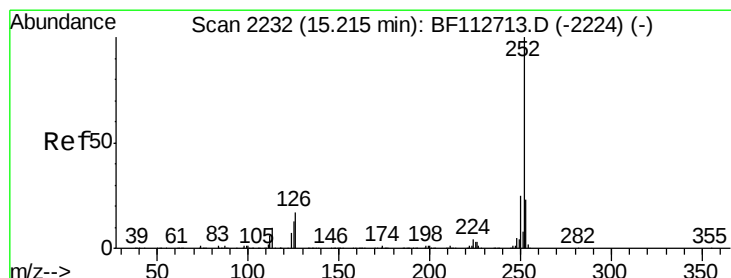
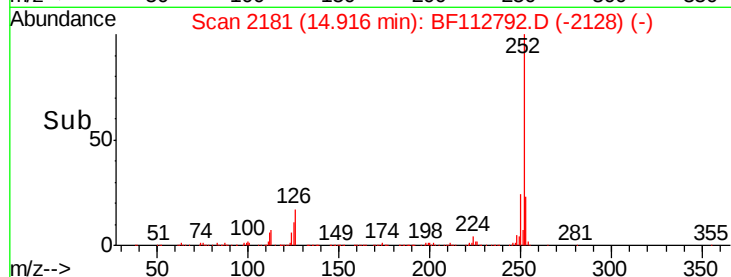
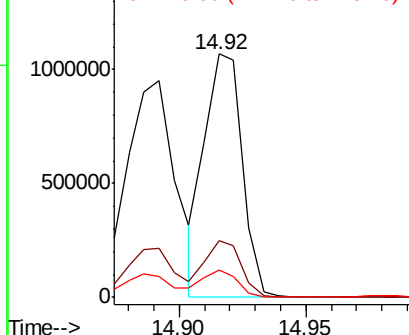
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.5	9.8	14.6

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM



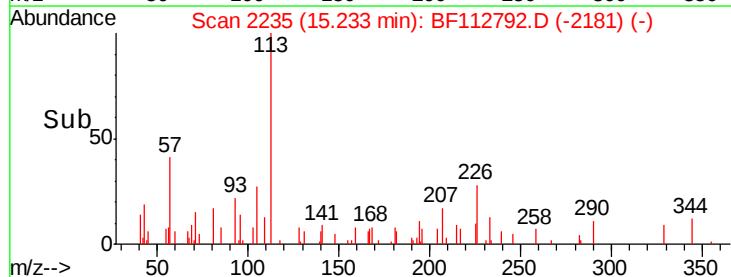
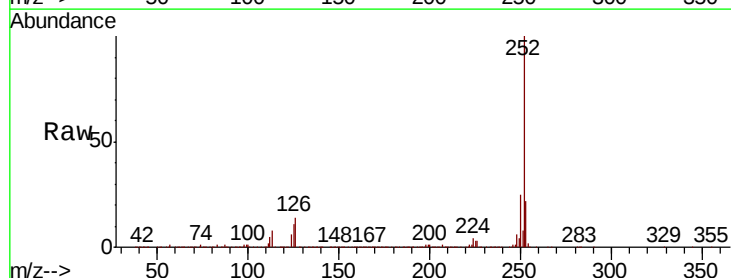
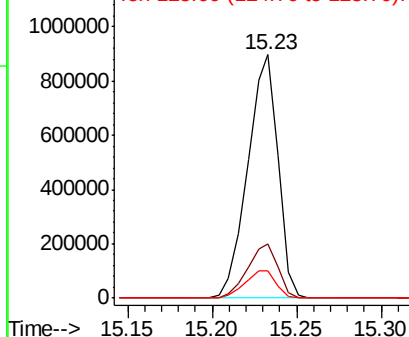
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

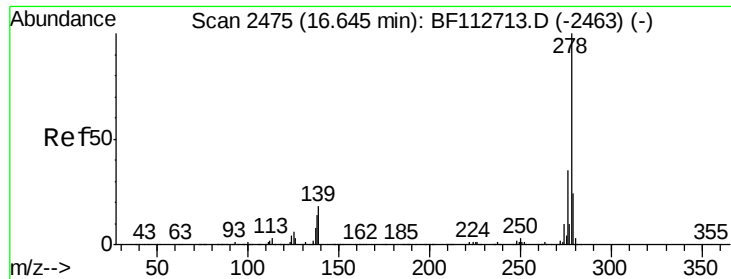


#90
Benzo(a)pyrene
Concen: 43.035 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.1	10.7	16.1

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





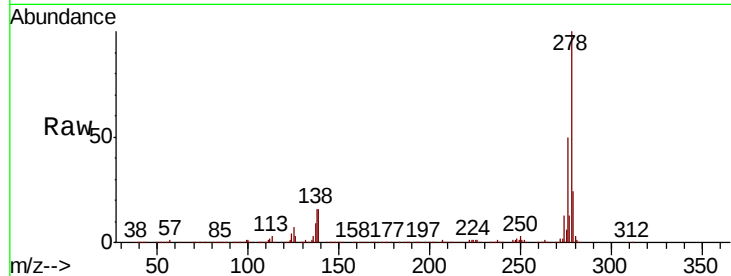
#91
Dibenzo(a,h)anthracene
Concen: 41.467 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.02 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	16.4	14.3	21.5	
279	24.1	19.4	29.0	

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:26 PM

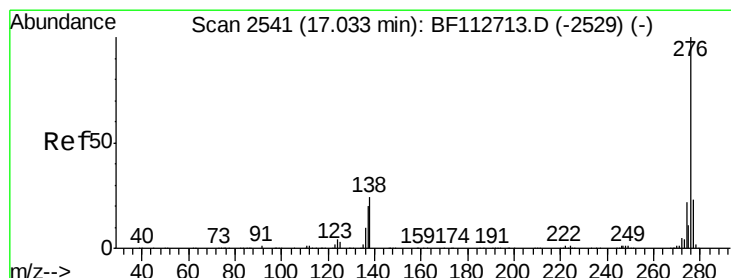
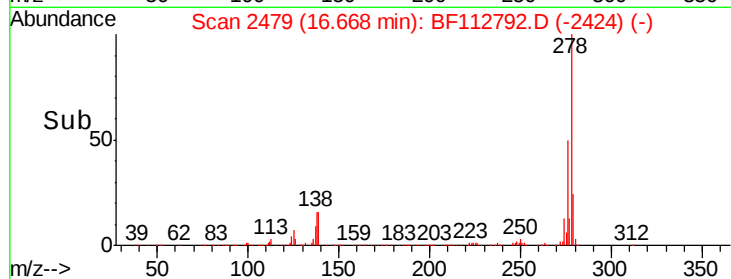
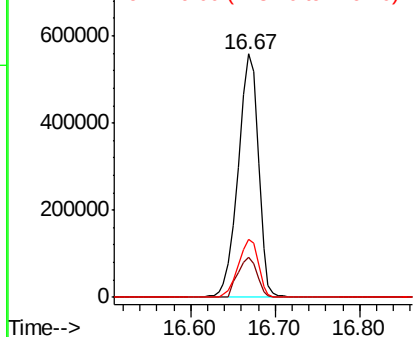


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.895 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.03 min
Lab File: BF112792.D
Acq: 1 Mar 2019 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.7	18.6	27.8	
138	21.0	19.4	29.0	

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

