

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103243.D
 Acq On : 27 Feb 2018 2:48
 Operator : SJ/JU
 Sample : J1649-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 04:31:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146782	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	596665	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	240241	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	352104	20.00	ng	0.00
75) Chrysene-d12	14.06	240	218265	20.00	ng	0.00
86) Perylene-d12	15.56	264	163208	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1112913	114.67	ng	0.02
7) Phenol-d6	6.52	99	1328621	111.88	ng	0.02
23) Nitrobenzene-d5	7.45	82	859056	82.22	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	202733	99.70	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1112248	78.25	ng	0.00
78) Terphenyl-d14	12.99	244	813279	89.57	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	194303	37.91	ng	90
3) Pyridine	3.48	79	545799	39.88	ng	94
4) n-Nitrosodimethylamine	3.42	42	272822	49.43	ng	98
6) Aniline	6.54	93	487883	28.47	ng	# 84
8) 2-Chlorophenol	6.67	128	446808	44.32	ng	98
9) Benzaldehyde	6.43	77	262238	35.04	ng	98
10) Phenol	6.53	94	566488	41.09	ng	84
11) bis(2-Chloroethyl)ether	6.61	93	462799	44.23	ng	91
12) 1,3-Dichlorobenzene	6.82	146	468549	40.67	ng	97
13) 1,4-Dichlorobenzene	6.89	146	472273	40.89	ng	98
14) 1,2-Dichlorobenzene	7.05	146	435160	40.86	ng	99
15) Benzyl Alcohol	7.02	79	358226	40.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	755435	42.04	ng	91
17) 2-Methylphenol	7.13	107	381528	41.64	ng	96
18) Hexachloroethane	7.38	117	108631	25.83	ng	# 89
19) n-Nitroso-di-n-propylamine	7.29	70	298970	40.45	ng	98
20) 3+4-Methylphenols	7.29	107	429487	38.46	ng	# 65
22) Acetophenone	7.29	105	578273	41.52	ng	# 89
24) Nitrobenzene	7.46	77	477120	41.48	ng	99
25) Isophorone	7.70	82	908016	44.13	ng	98
26) 2-Nitrophenol	7.77	139	144413	26.67	ng	94
27) 2,4-Dimethylphenol	7.82	122	392491	47.42	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	565205	46.72	ng	99
29) 2,4-Dichlorophenol	8.02	162	349963	44.16	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	344585	40.83	ng	100
31) Naphthalene	8.18	128	1210560	41.44	ng	99
32) Benzoic acid	7.92	122	90685	19.55	ng	98
33) 4-Chloroaniline	8.23	127	312149	24.76	ng	99
34) Hexachlorobutadiene	8.29	225	174525	39.71	ng	99
35) Caprolactam	8.61	113	124010	44.52	ng	# 86
36) 4-Chloro-3-methylphenol	8.72	107	382637	42.81	ng	96
37) 2-Methylnaphthalene	8.87	142	772314	40.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	292977	44.61	ng	100
40) Hexachlorocyclopentadiene	9.02	237	2940	10.01	ng	89

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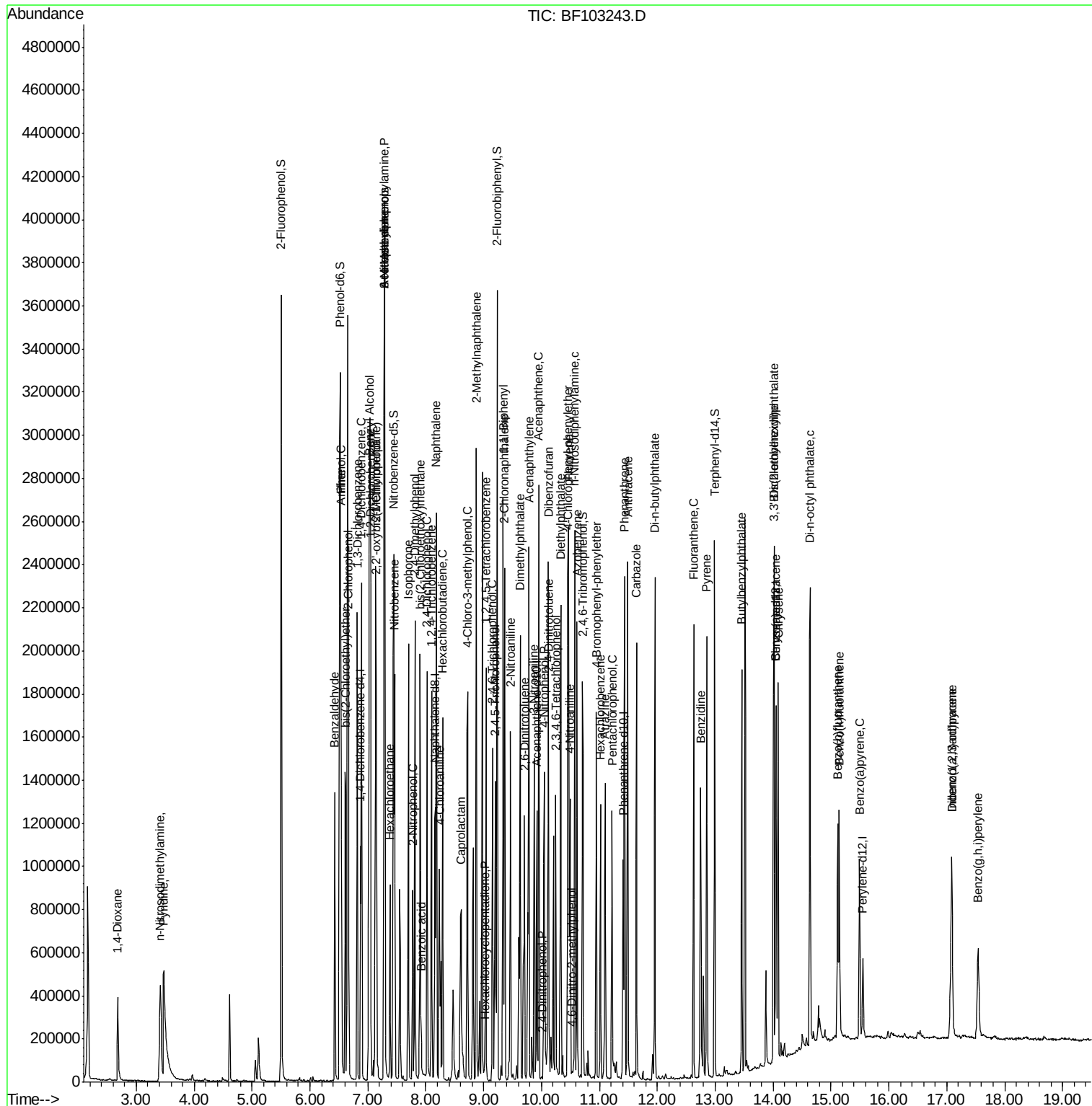
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	202803	45.89	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	208703	41.06	nq	97
45) 1,1'-Biphenyl	9.34	154	866574	43.05	nq	98
46) 2-Chloronaphthalene	9.36	162	686216	43.09	nq	99
47) 2-Nitroaniline	9.46	65	295593	50.11	nq	88
48) Acenaphthylene	9.78	152	1003314	40.94	nq	99
49) Dimethylphthalate	9.63	163	923600	47.92	nq	100
50) 2,6-Dinitrotoluene	9.70	165	135459	33.49	nq	97
51) Acenaphthene	9.95	154	575195	40.26	nq	99
52) 3-Nitroaniline	9.87	138	242649	47.29	nq	99
53) 2,4-Dinitrophenol	10.00	184	1260	10.38	nq	# 34
54) Dibenzofuran	10.12	168	855510	43.62	nq	96
55) 4-Nitrophenol	10.05	139	215963	67.91	nq	90
56) 2,4-Dinitrotoluene	10.11	165	149992	29.32	nq	# 91
57) Fluorene	10.47	166	634523	37.97	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	141450	41.43	nq	97
59) Diethylphthalate	10.33	149	775041	42.05	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	295272	41.67	nq	95
61) 4-Nitroaniline	10.49	138	235041	45.86	nq	96
62) Azobenzene	10.62	77	732903	39.06	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	1632	5.63	nq	# 66
65) n-Nitrosodiphenylamine	10.57	169	583946	47.63	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	170321	46.44	nq	95
67) Hexachlorobenzene	11.02	284	169135	42.48	nq	92
68) Atrazine	11.10	200	127515	34.60	nq	97
69) Pentachlorophenol	11.22	266	131949	68.55	nq	97
70) Phenanthrene	11.43	178	832436	42.96	nq	98
71) Anthracene	11.49	178	846756	42.61	nq	99
72) Carbazole	11.64	167	819131	41.40	nq	99
73) Di-n-butylphthalate	11.96	149	1106661	44.70	nq	100
74) Fluoranthene	12.63	202	801732	41.17	nq	99
76) Benzidine	12.75	184	579731	71.05	nq	98
77) Pyrene	12.86	202	794654	46.70	nq	100
79) Butylbenzylphthalate	13.46	149	435938	48.49	nq	97
80) Benzo(a)anthracene	14.04	228	609344	43.03	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	247223	48.92	nq	97
82) Chrysene	14.09	228	575888	41.88	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	572436	47.18	nq	99
84) Di-n-octyl phthalate	14.64	149	935515	47.72	nq	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	443378	40.73	nq	98
87) Benzo(b)fluoranthene	15.12	252	506071	47.16	nq	97
88) Benzo(k)fluoranthene	15.14	252	438255	43.37	nq	98
89) Benzo(a)pyrene	15.49	252	430704	44.95	nq	97
90) Dibenzo(a,h)anthracene	17.09	278	374791	50.62	nq	97
91) Benzo(g,h,i)perylene	17.54	276	369536	51.06	nq	99

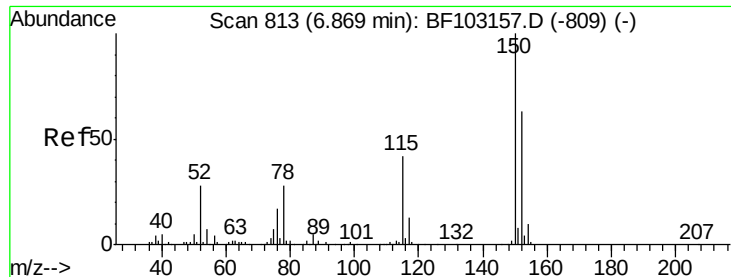
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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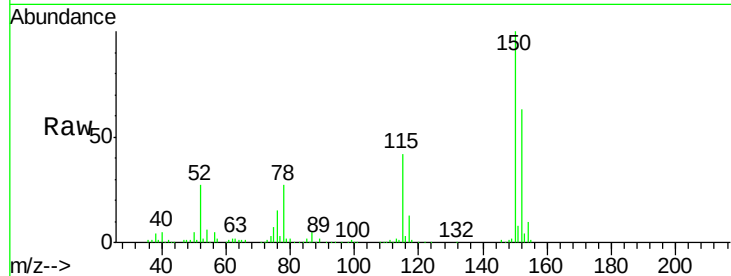


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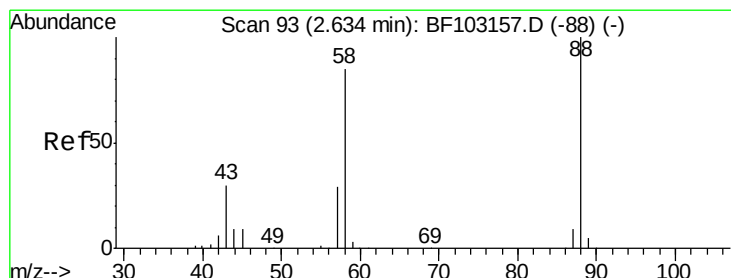
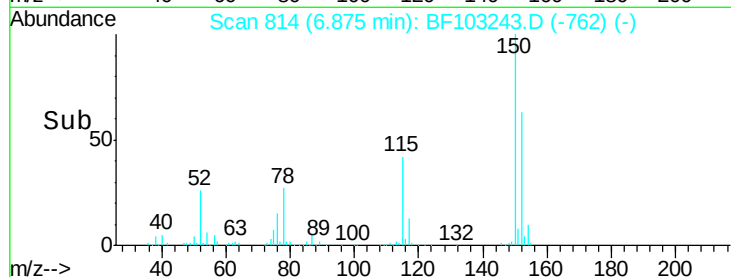
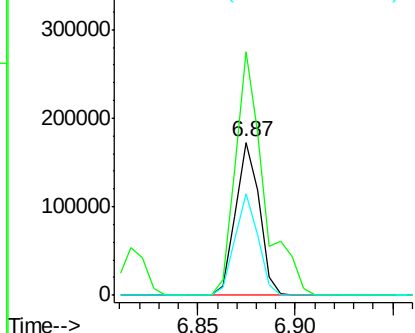
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	66.3	50.1	75.1



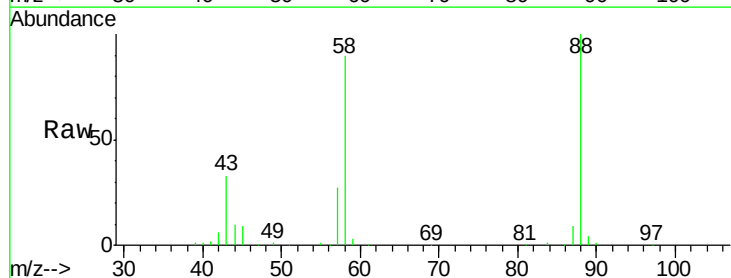
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



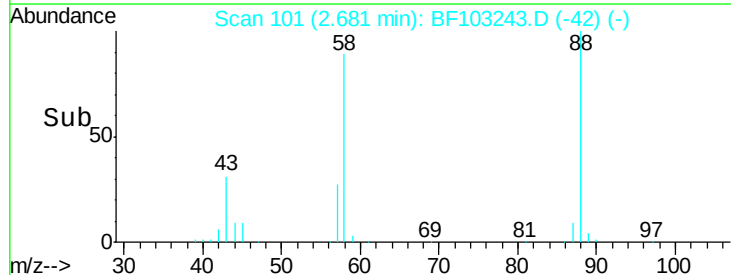
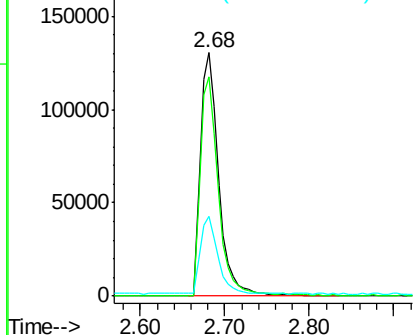
#2

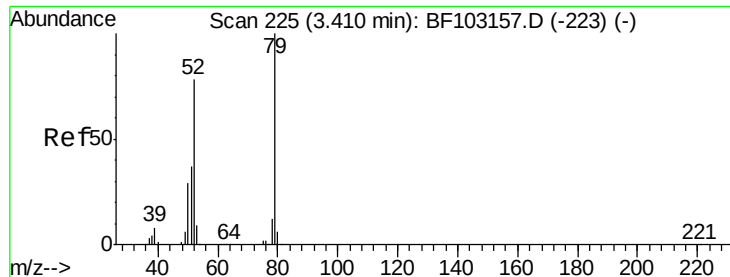
1,4-Dioxane
Concen: 37.91 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.6	62.6	93.8
43	30.0	24.6	37.0



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

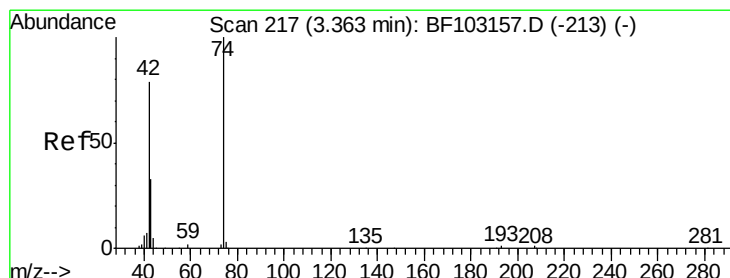
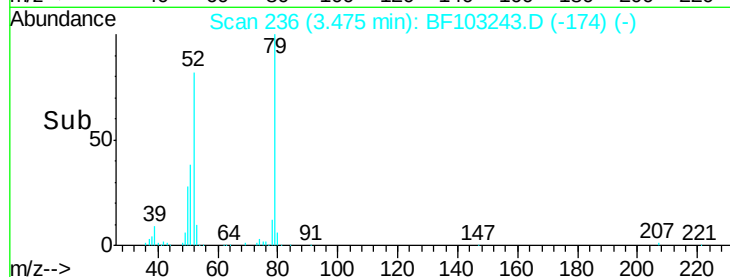
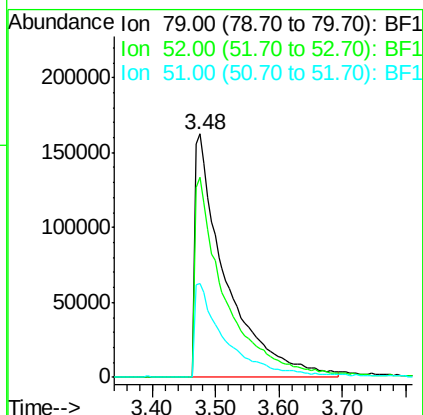
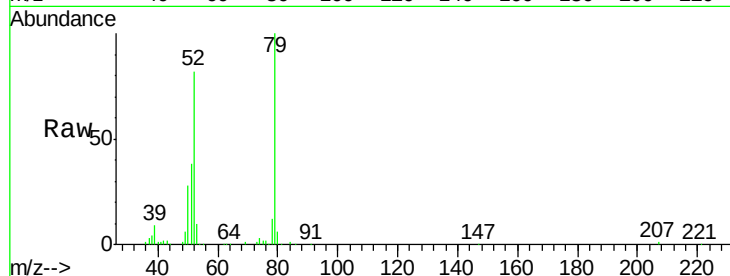




#3
 Pvridine
 Concen: 39.88 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

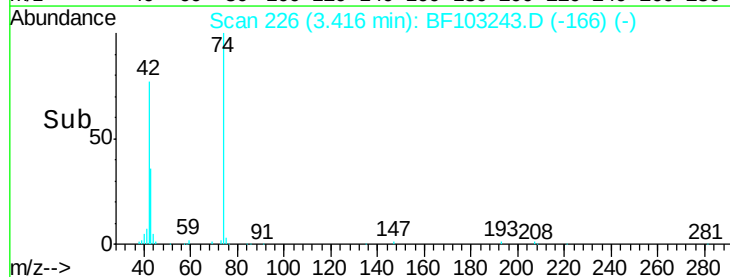
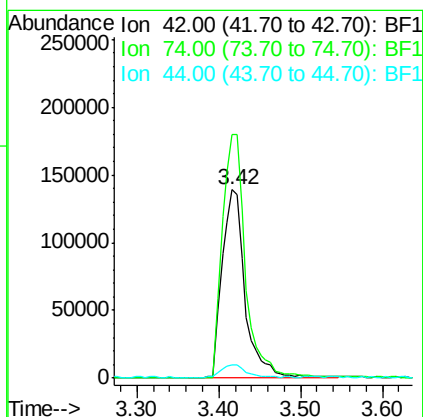
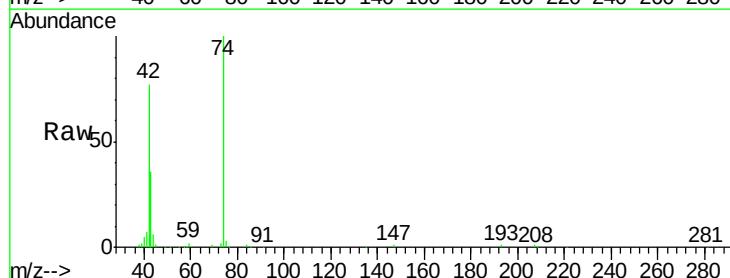
Instrument :
 BNA_F
 ClientSampleId :

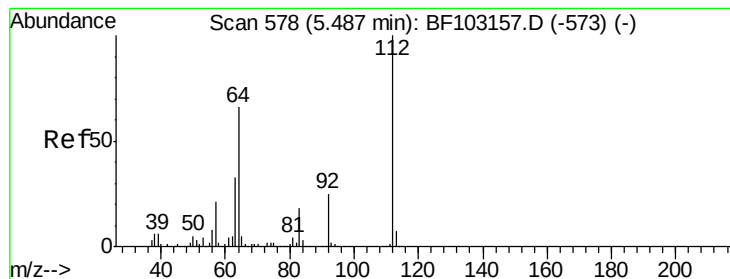
Tot Ion: 79 Resp: 545799
 Ion Ratio Lower Upper
 79 100
 52 82.1 59.8 89.6
 51 38.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 49.43 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.05 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion: 42 Resp: 272822
 Ion Ratio Lower Upper
 42 100
 74 129.1 104.9 157.3
 44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 114.67 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

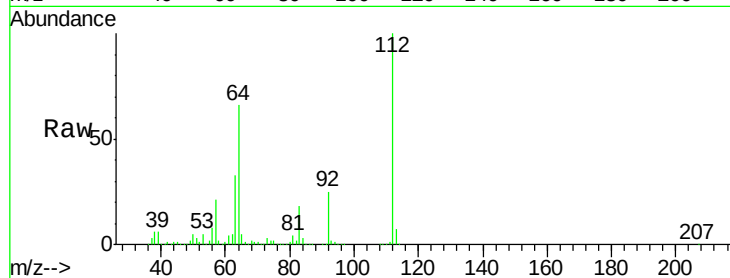
Tot Ion:112 Resp: 1112913

Ion Ratio Lower Upper

112 100

64 66.1 47.9 71.9

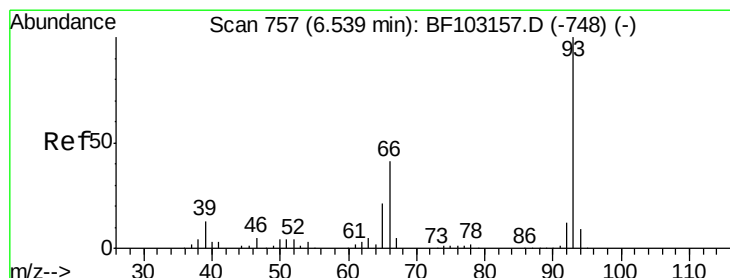
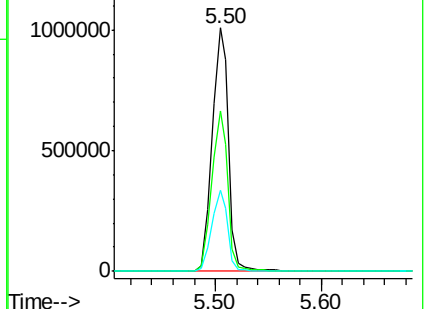
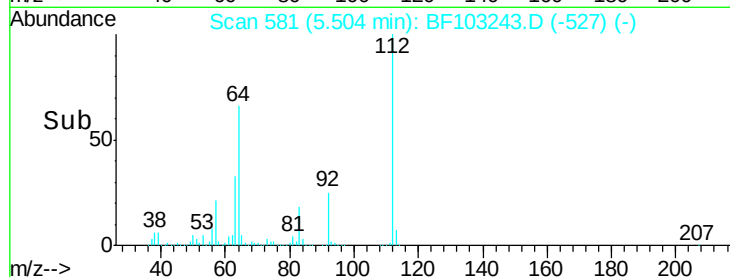
63 33.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.47 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

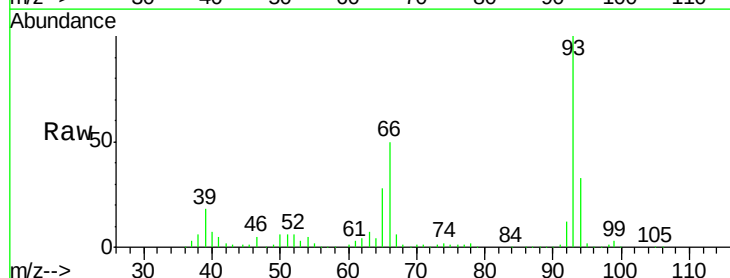
Tgt Ion: 93 Resp: 487883

Ion Ratio Lower Upper

93 100

66 49.7 32.2 48.2#

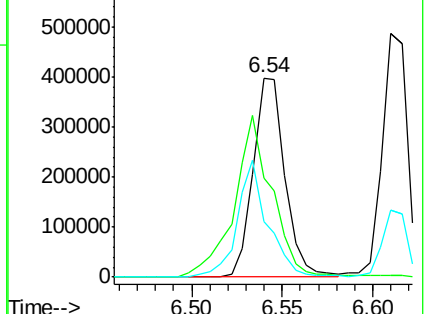
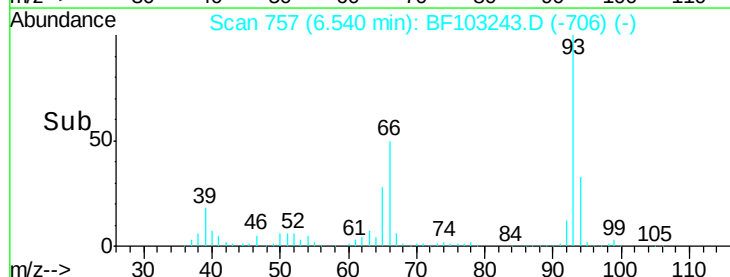
65 28.0 16.4 24.6#

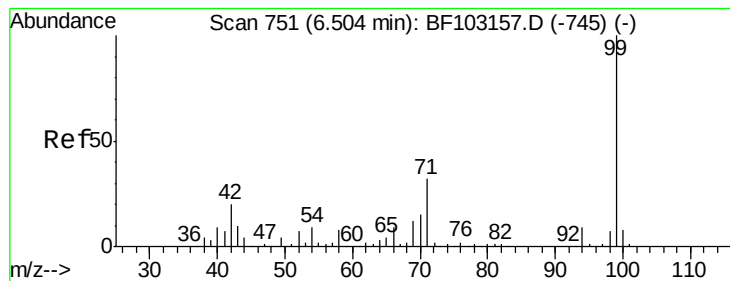


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.88 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampled :

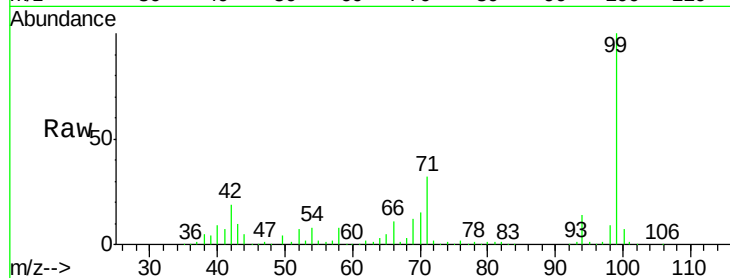
Tot Ion: 99 Resp: 1328621

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

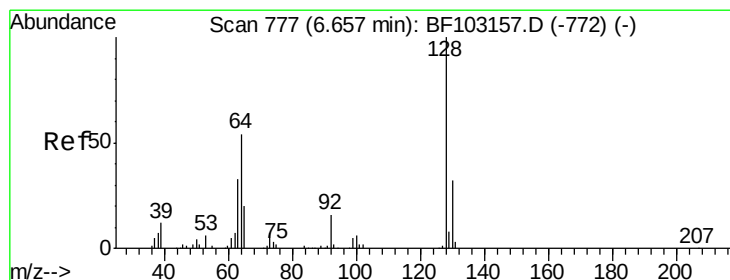
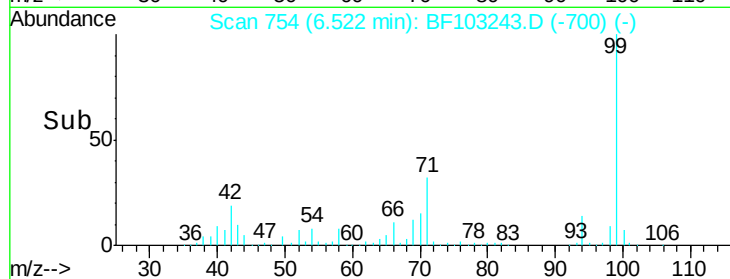
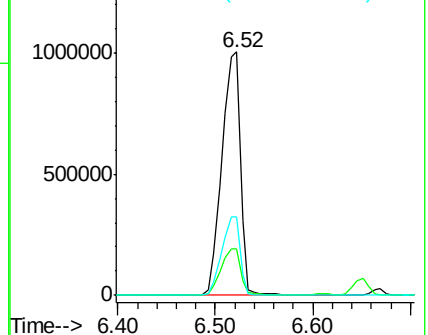
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.32 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

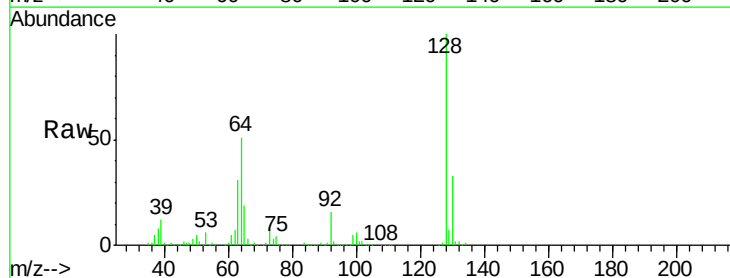
Tgt Ion:128 Resp: 446808

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

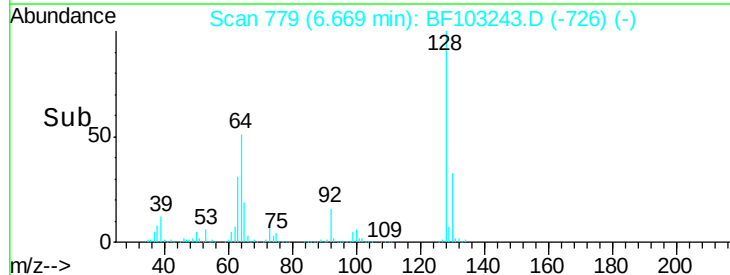
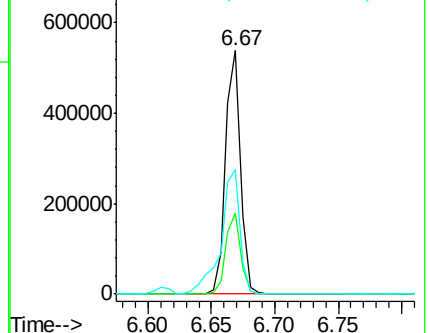
64 51.4 29.4 69.4

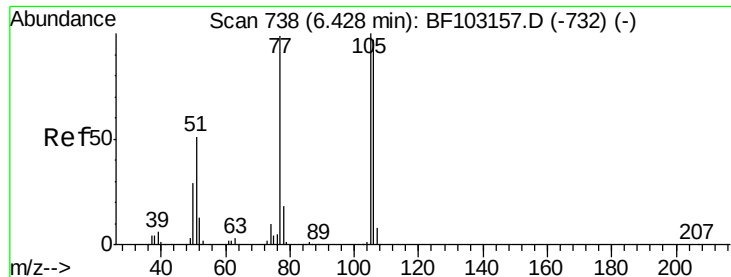


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.04 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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ClientSampleId :

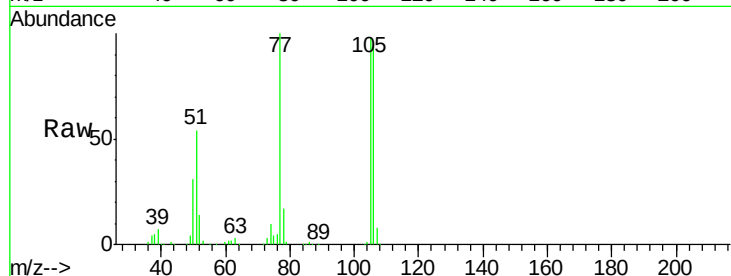
Tot Ion: 77 Resp: 262238

Ion Ratio Lower Upper

77 100

105 97.7 81.1 121.1

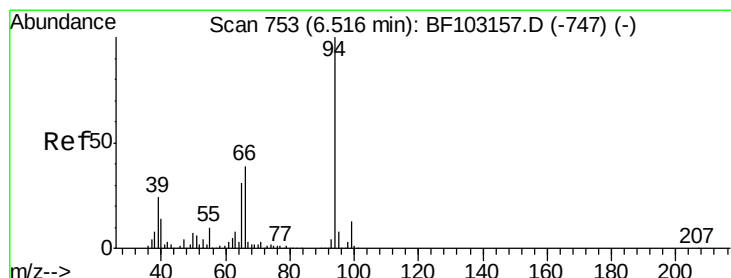
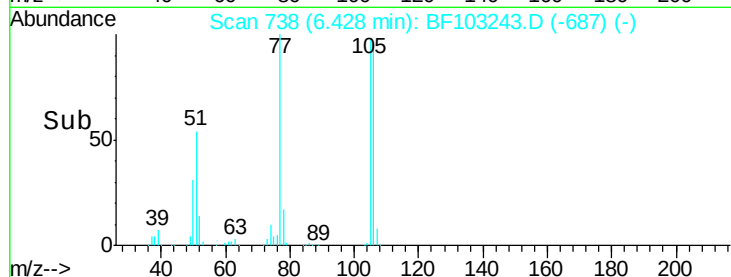
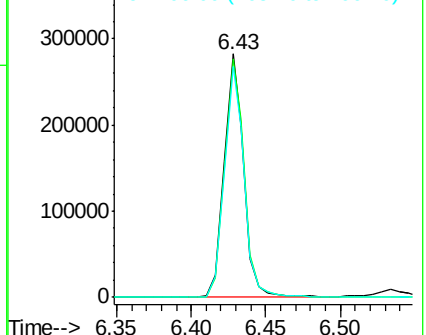
106 94.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.09 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

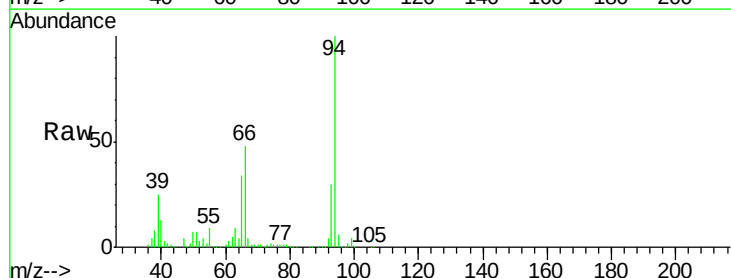
Tgt Ion: 94 Resp: 566488

Ion Ratio Lower Upper

94 100

65 34.4 7.9 47.9

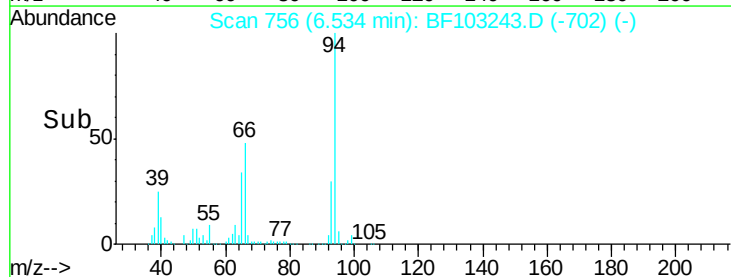
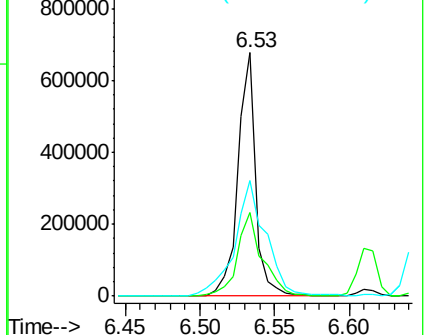
66 47.6 16.2 56.2

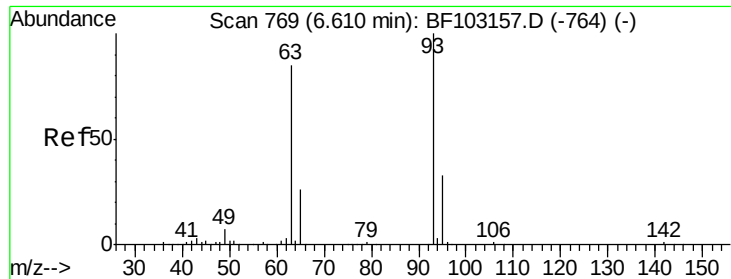


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.23 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

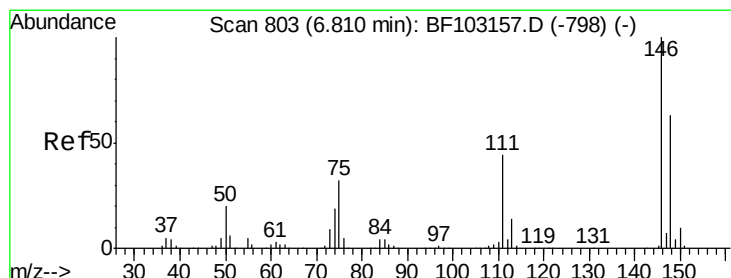
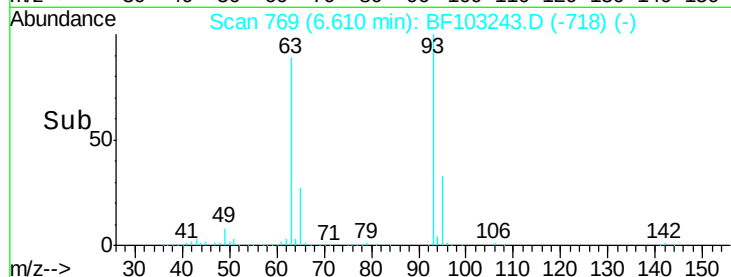
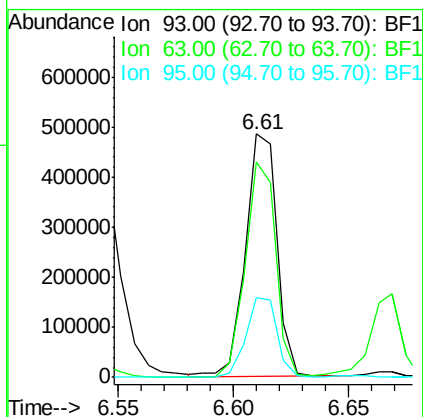
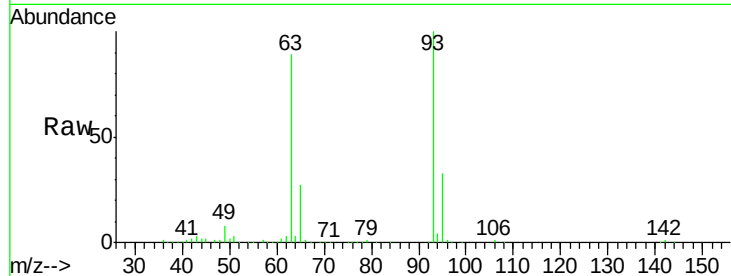
Tot Ion: 93 Resp: 462799

Ion Ratio Lower Upper

93 100

63 88.6 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.67 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

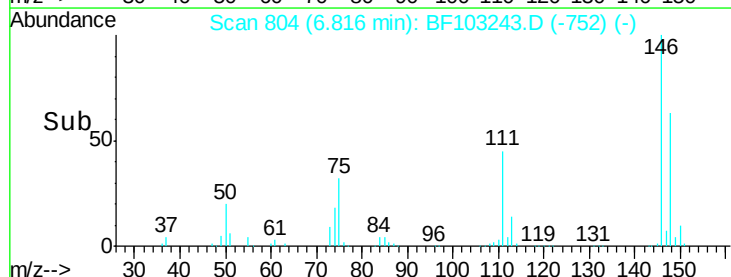
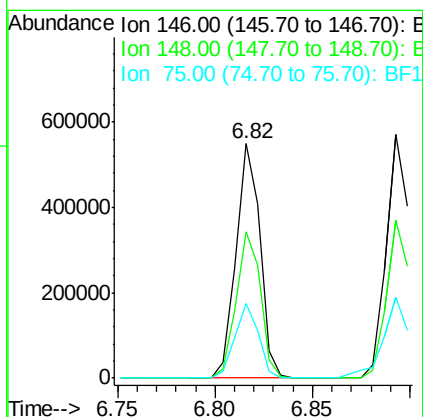
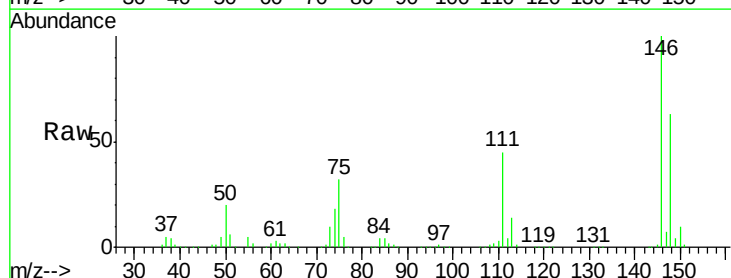
Tgt Ion: 146 Resp: 468549

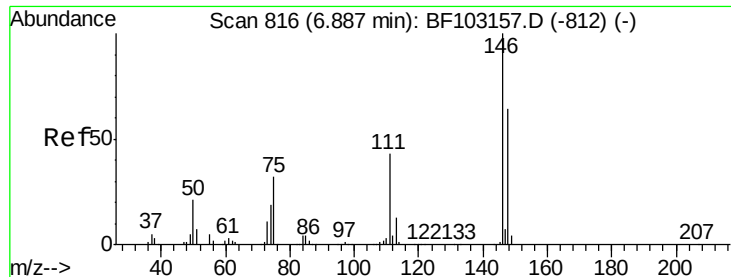
Ion Ratio Lower Upper

146 100

148 62.6 51.8 77.8

75 31.7 24.2 36.4

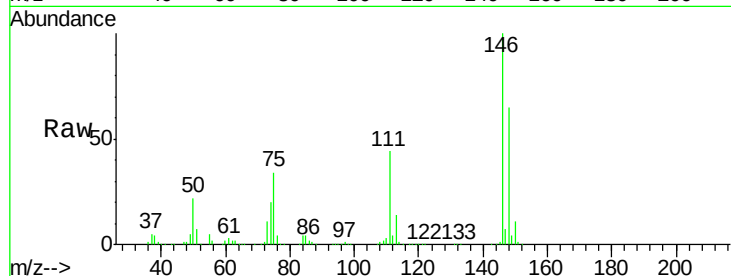




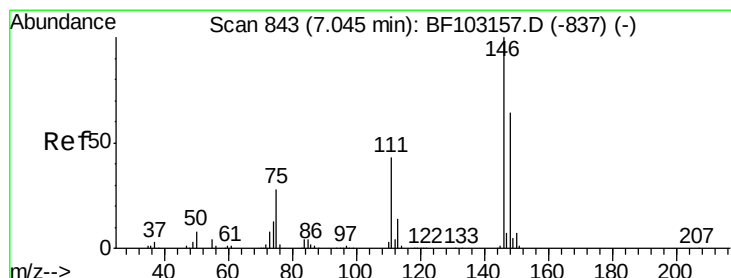
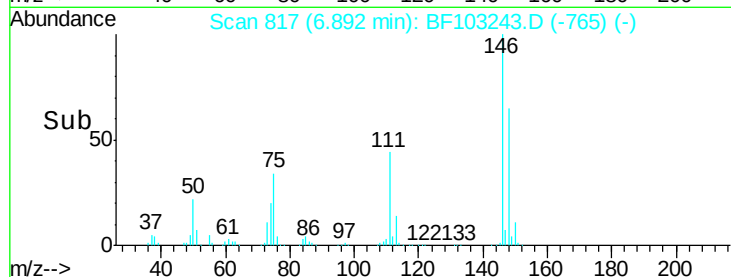
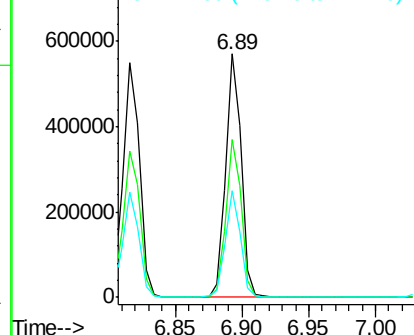
#13
 1,4-Dichlorobenzene
 Concen: 40.89 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 472273
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 44.1 34.2 51.2

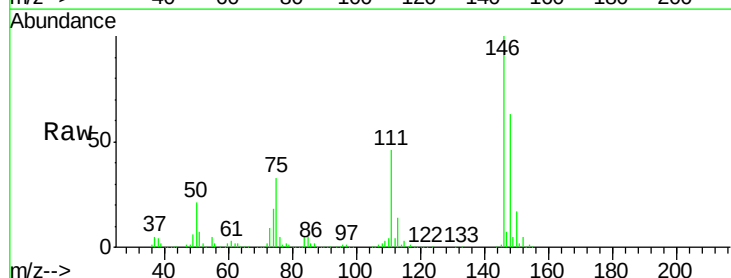


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

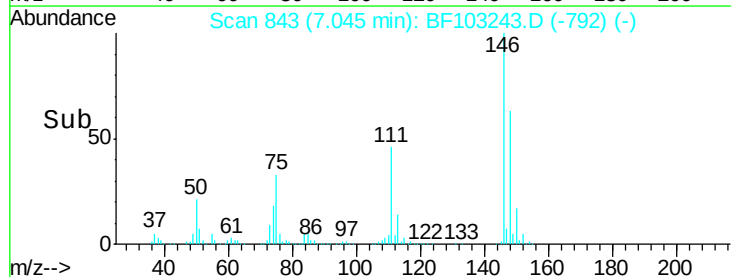
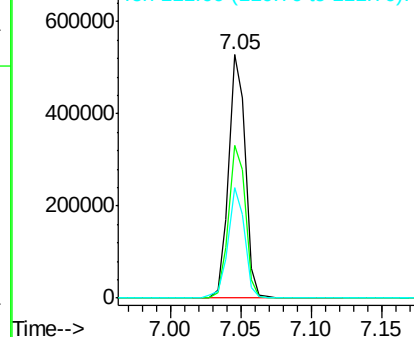


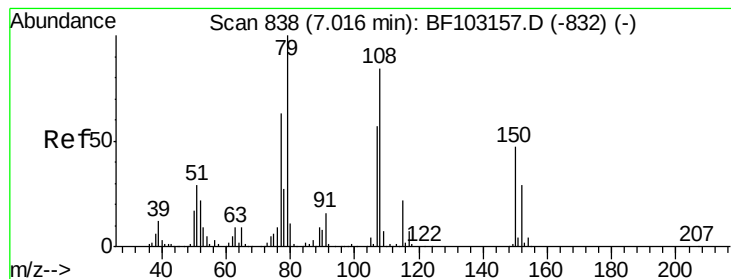
#14
 1,2-Dichlorobenzene
 Concen: 40.86 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion:146 Resp: 435160
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 45.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 40.03 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampled :

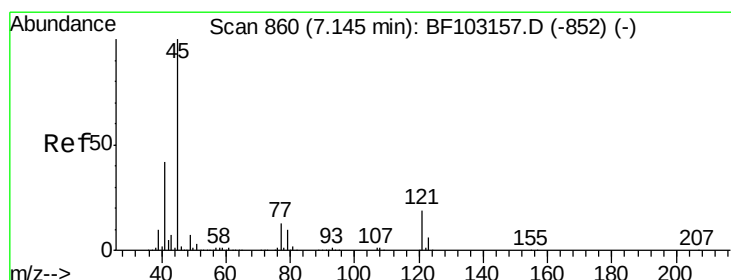
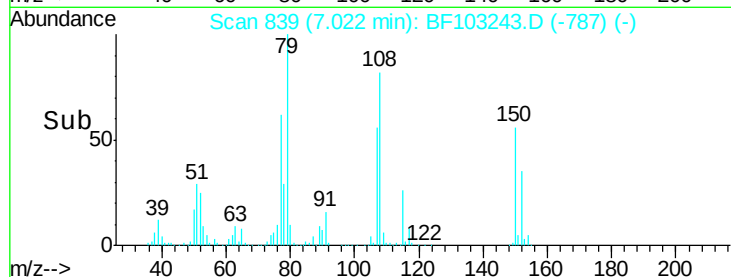
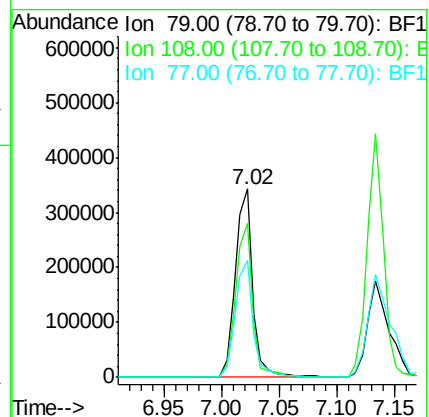
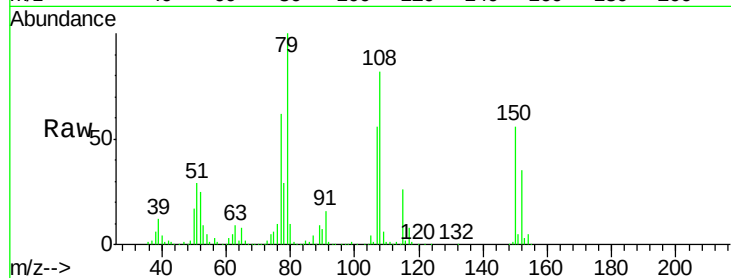
Tot Ion: 79 Resp: 358226

Ion Ratio Lower Upper

79 100

108 81.9 65.1 97.7

77 62.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.04 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

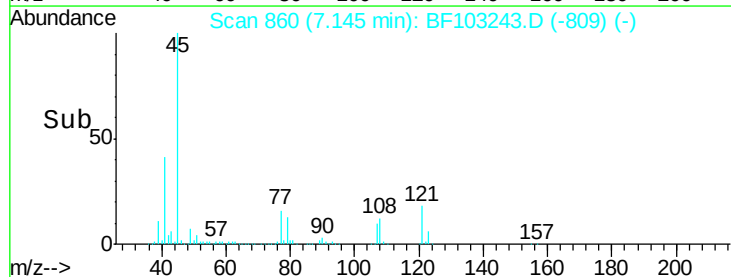
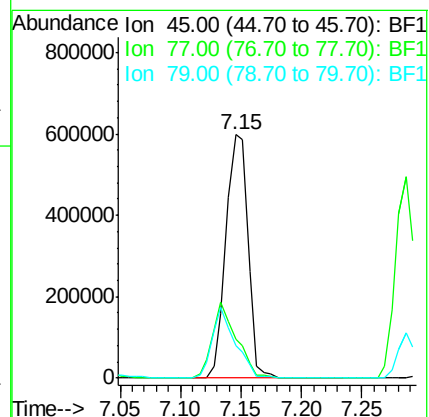
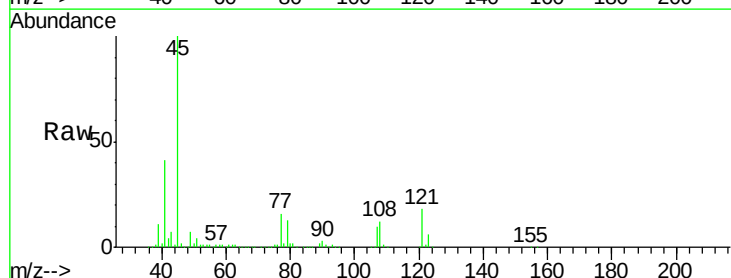
Tgt Ion: 45 Resp: 755435

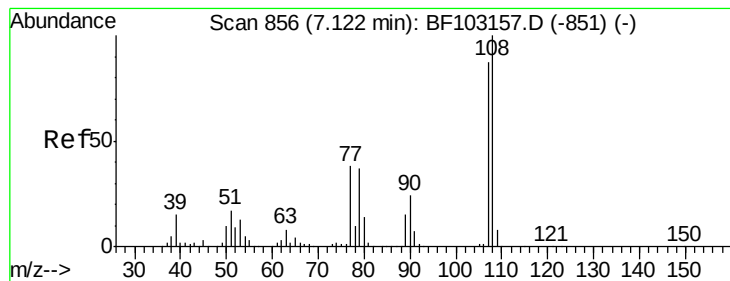
Ion Ratio Lower Upper

45 100

77 16.0 0.0 32.9

79 13.4 0.0 29.6

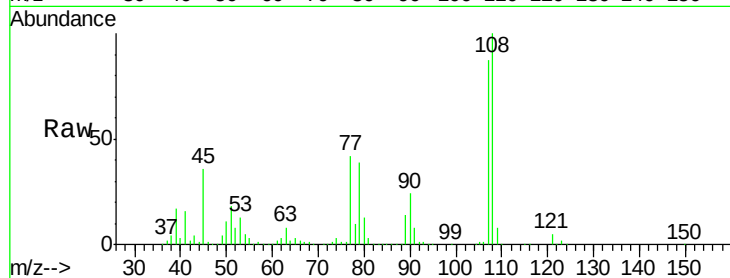




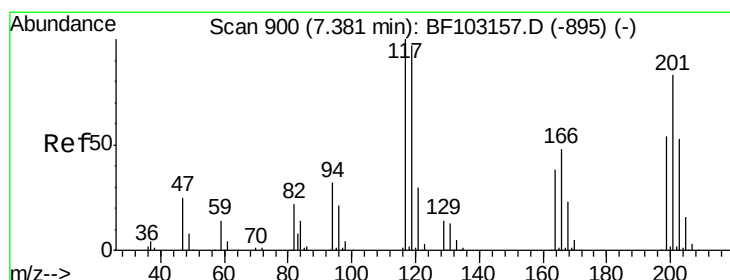
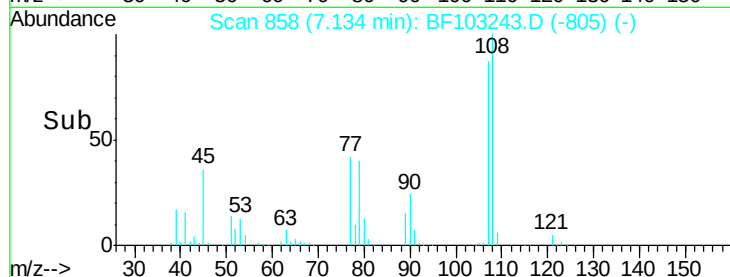
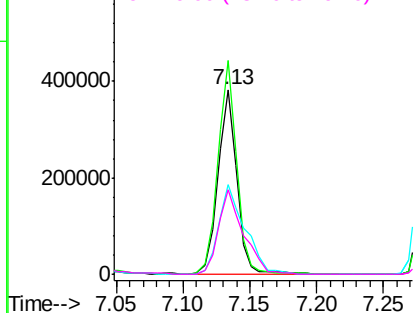
#17
2-Methylphenol
Concen: 41.64 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	381528
Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.7	137.5
77	48.6	33.8	50.8
79	45.5	33.8	50.8

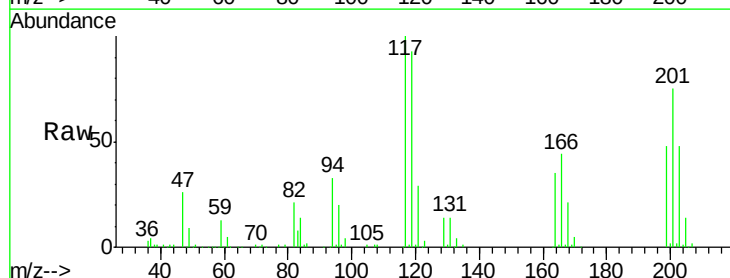


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

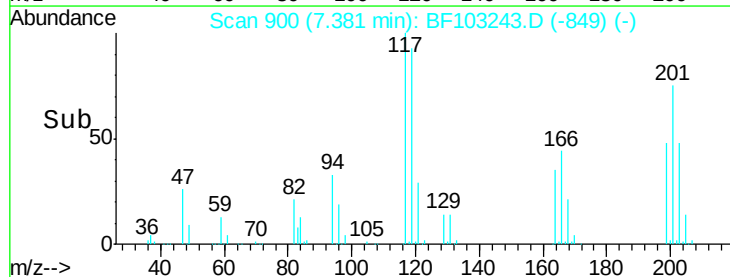
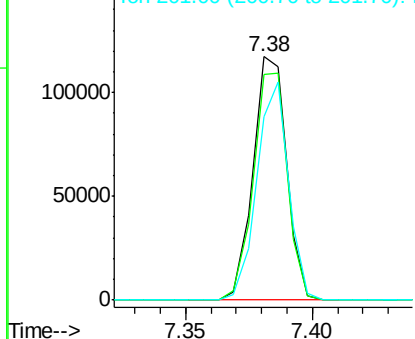


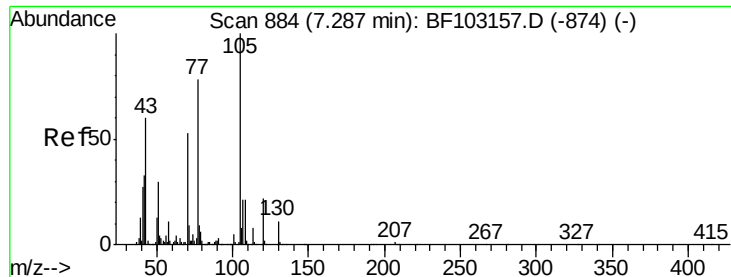
#18
Hexachloroethane
Concen: 25.83 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:	117	Resp:	108631
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.8	113.8
201	75.2	75.7	113.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

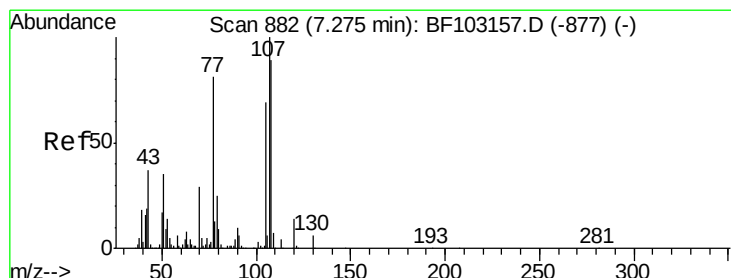
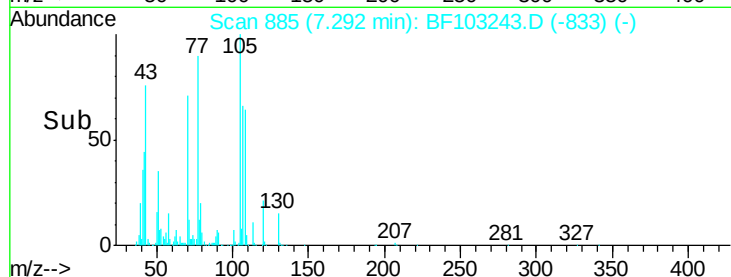
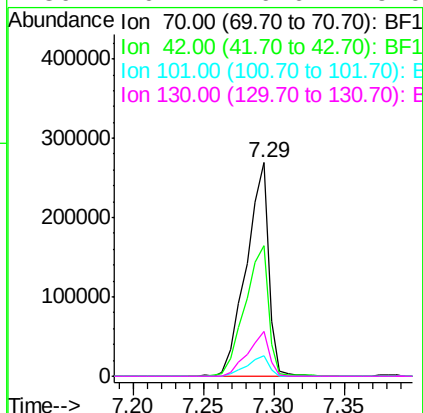
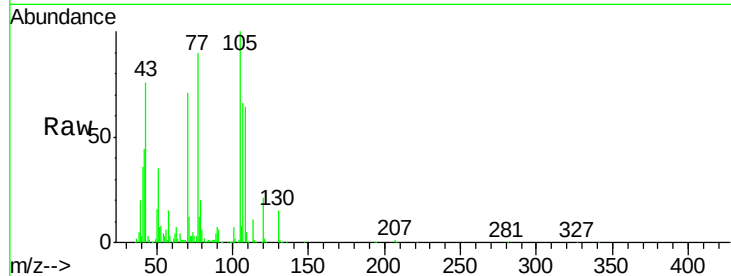




#19
n-Nitroso-di-n-propylamine
Concen: 40.45 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

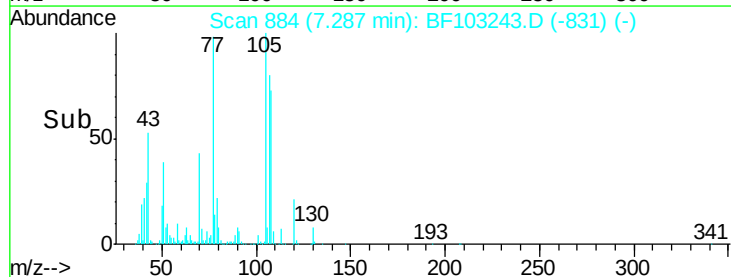
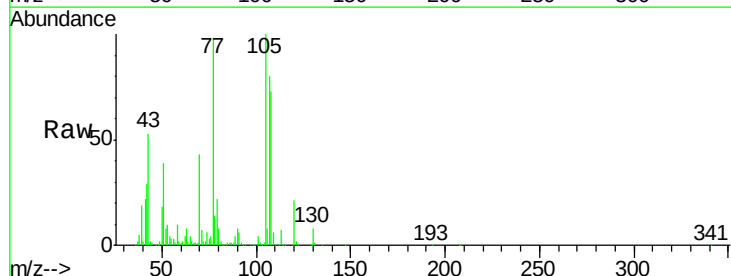
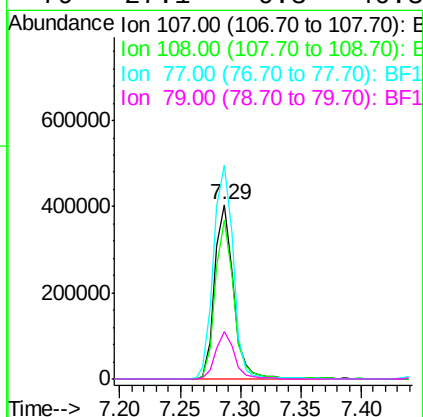
Instrument :
BNA_F
ClientSampleId :

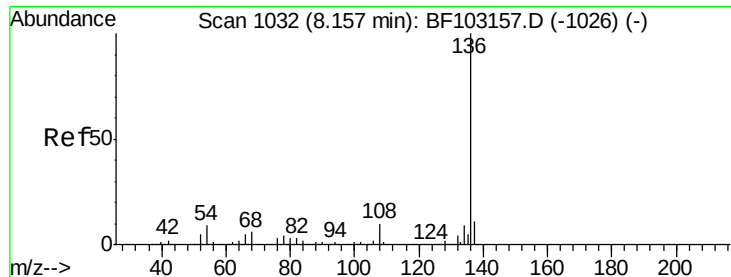
Tot Ion: 70 Resp: 298970
Ion Ratio Lower Upper
70 100
42 61.4 47.5 71.3
101 9.5 7.4 11.2
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.46 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion: 107 Resp: 429487
Ion Ratio Lower Upper
107 100
108 91.1 68.2 108.2
77 122.2 26.7 66.7#
79 27.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 596665

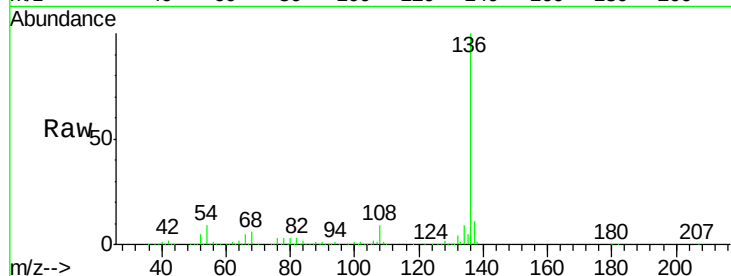
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.9 6.6 9.8

68 6.1 5.0 7.4

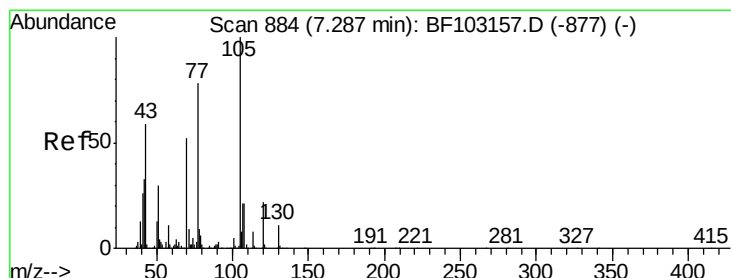
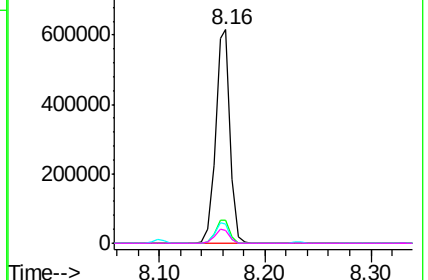
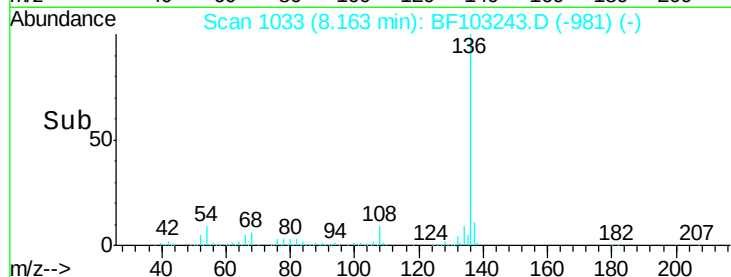


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.52 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:105 Resp: 578273

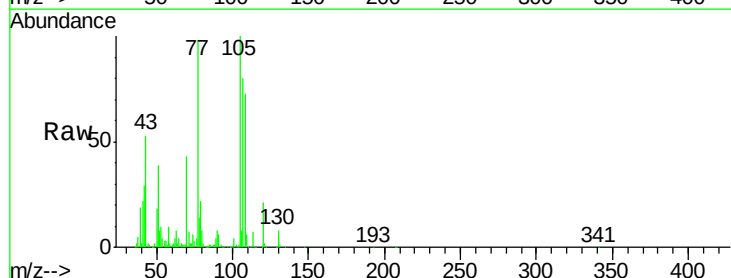
Ion Ratio Lower Upper

105 100

71 7.5 4.4 6.6#

51 38.7 22.3 33.5#

120 21.1 16.9 25.3

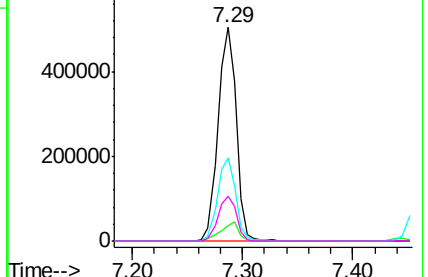
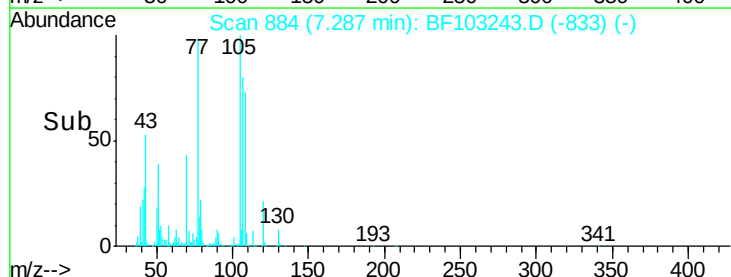


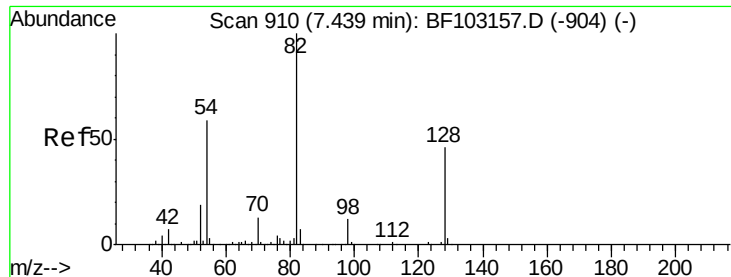
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

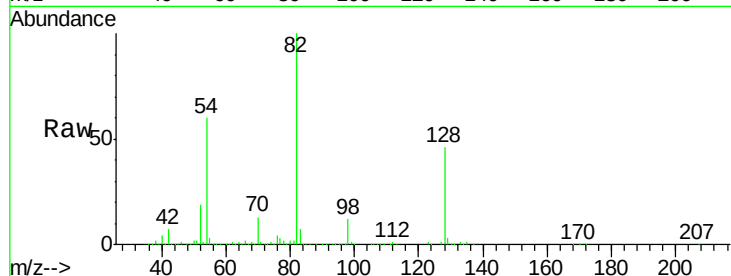




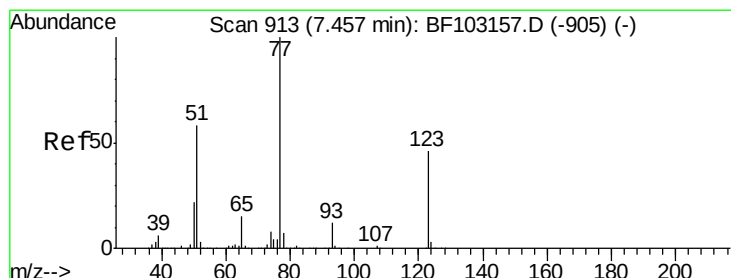
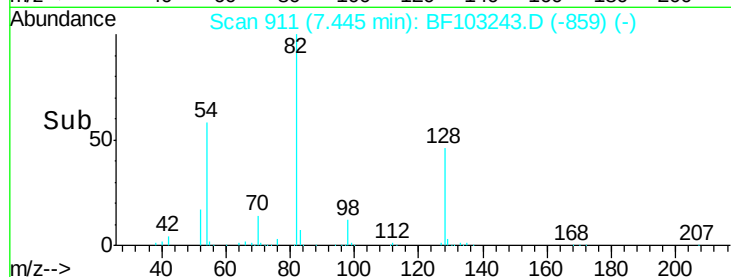
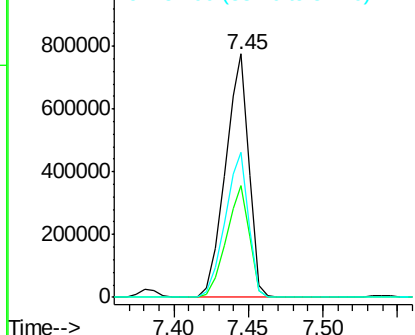
#23
 Nitrobenzene-d5
 Concen: 82.22 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	859056
Ion Ratio	100	Lower	Upper
128	45.7	36.1	54.1
54	59.7	41.4	62.2

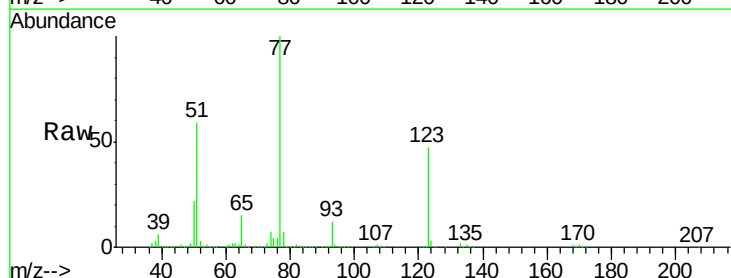


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

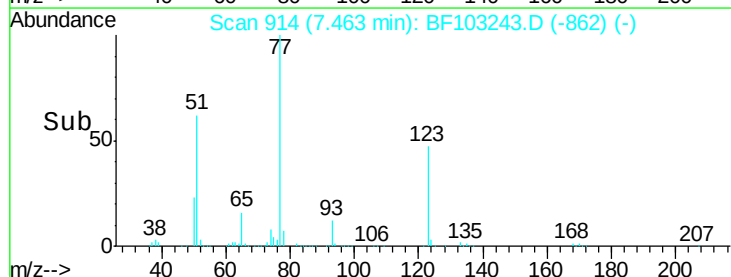
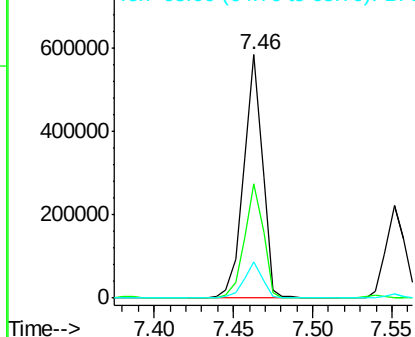


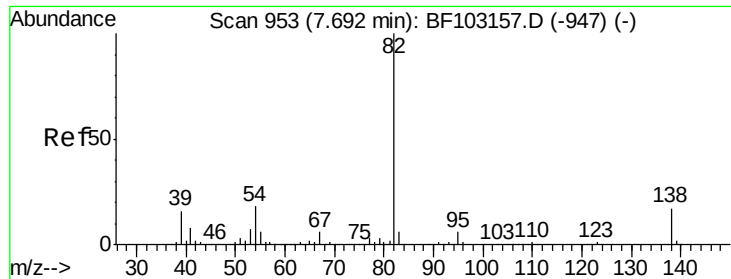
#24
 Nitrobenzene
 Concen: 41.48 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	77	Resp	477120
Ion Ratio	100	Lower	Upper
123	47.0	37.9	56.9
65	14.7	11.0	16.4



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: 44.13 ng

RT: 7.70 min Scan# 954

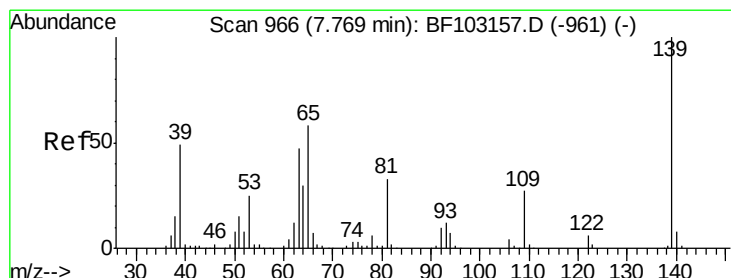
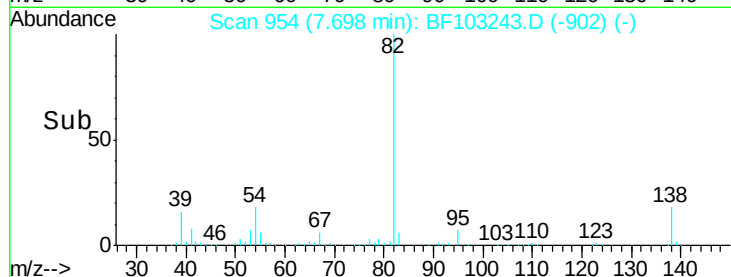
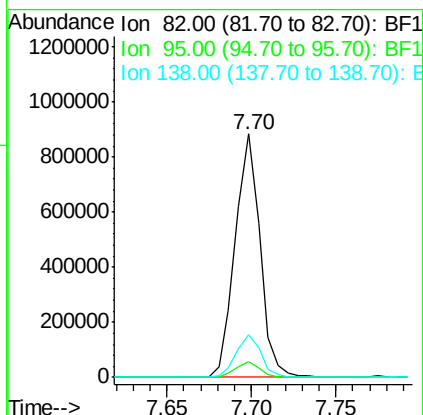
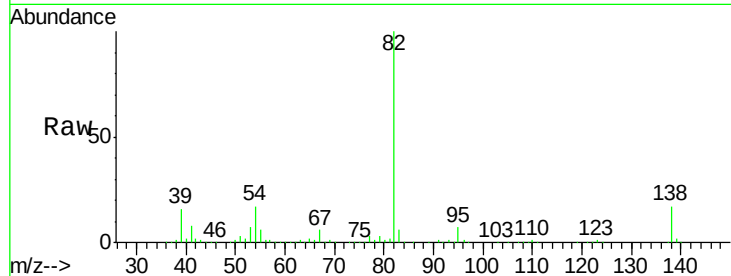
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	908016
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	17.5	14.9	22.3



#26

2-Nitrophenol

Concen: 26.67 ng

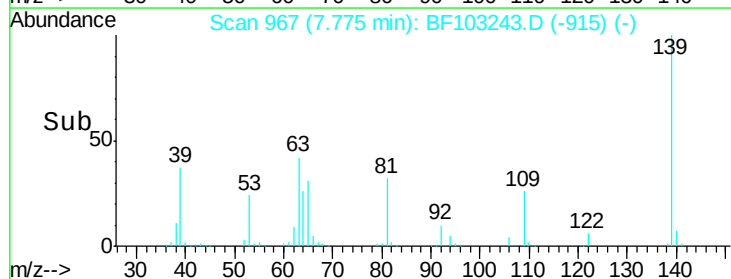
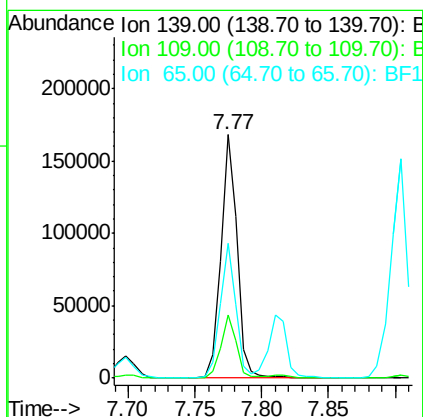
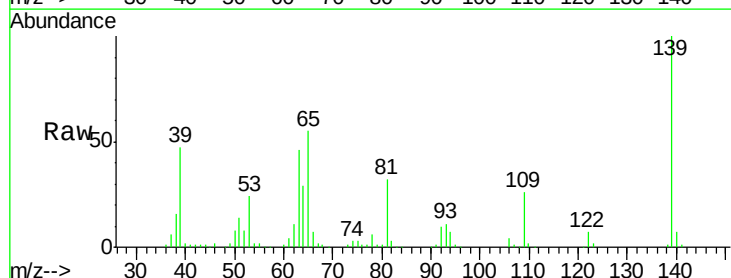
RT: 7.77 min Scan# 967

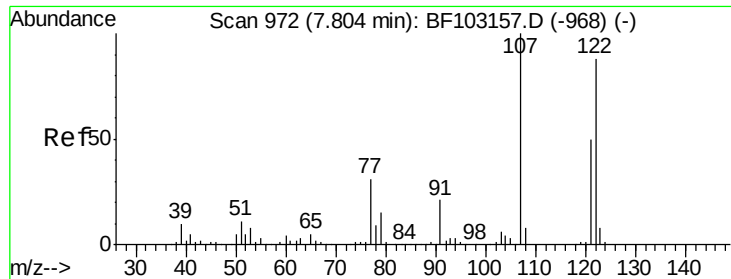
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	139	Resp:	144413
Ion	Ratio	Lower	Upper
139	100		
109	25.8	22.7	34.1
65	55.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 47.42 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampled :

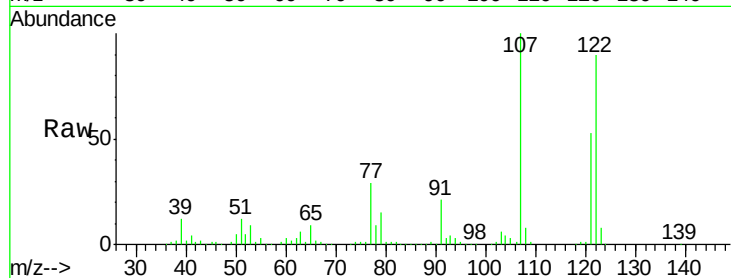
Tot Ion:122 Resp: 392491

Ion Ratio Lower Upper

122 100

107 111.0 91.2 136.8

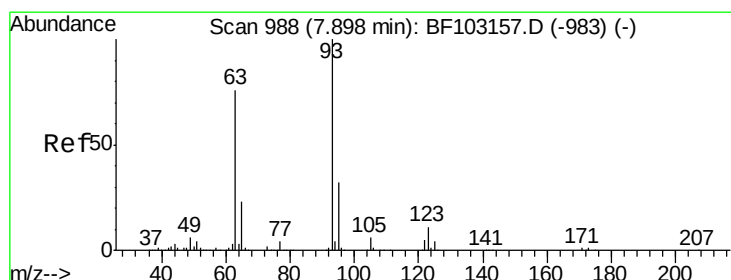
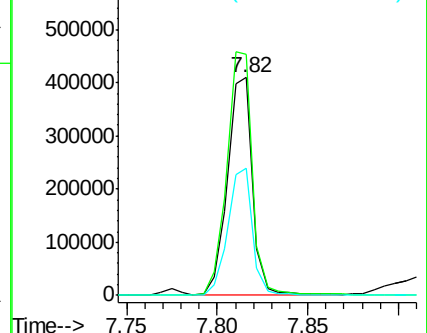
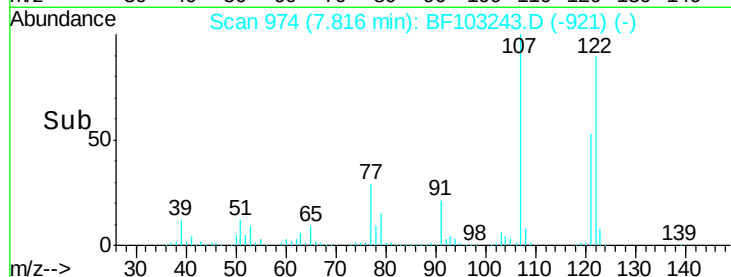
121 58.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.72 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

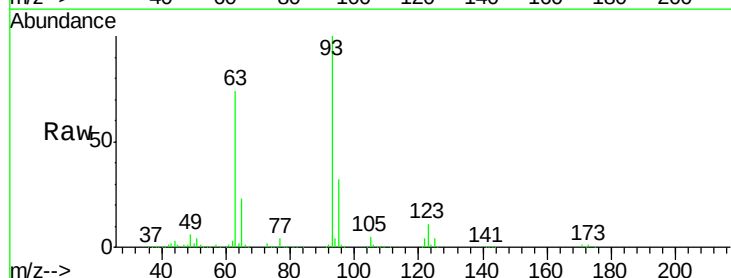
Tgt Ion: 93 Resp: 565205

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

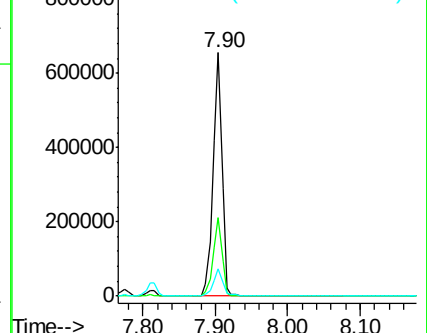
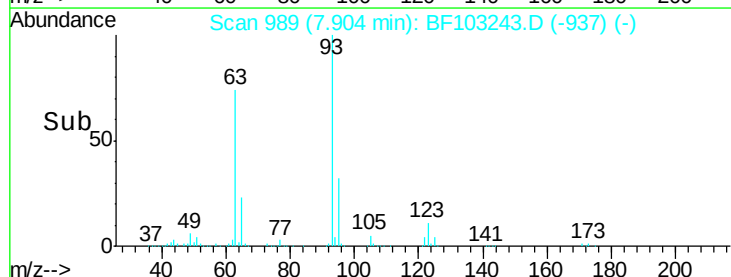
123 11.4 9.8 14.6

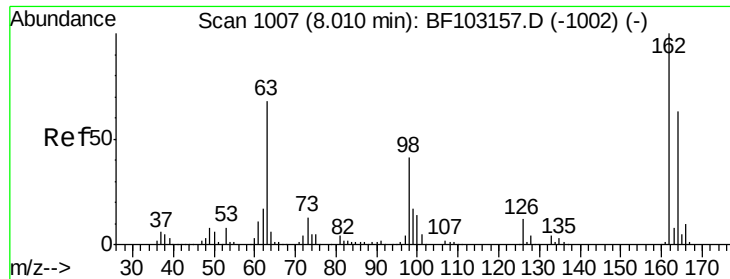


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

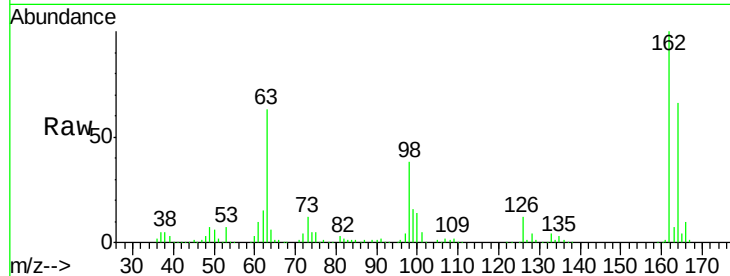




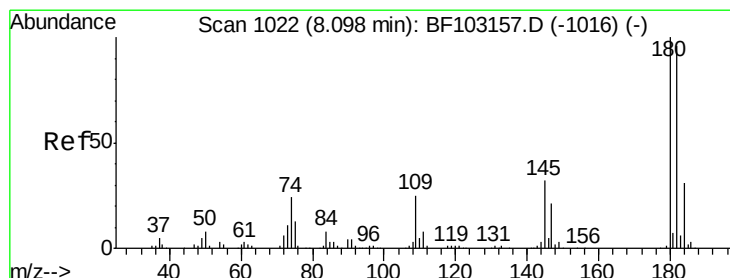
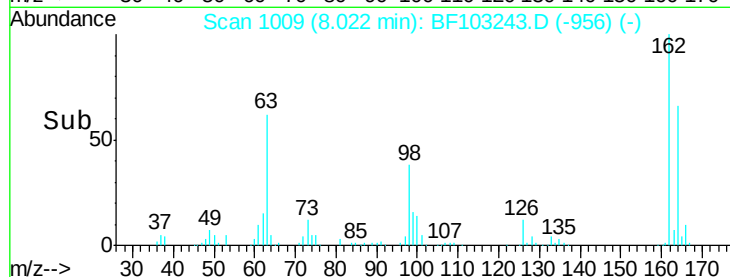
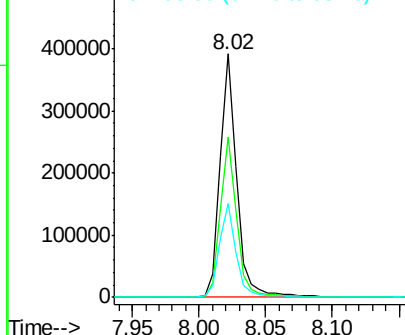
#29
 2,4-Dichlorophenol
 Concen: 44.16 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	42.7	82.7
98	38.4	18.1	58.1

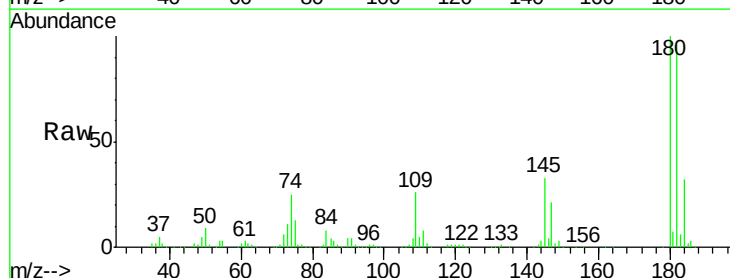


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

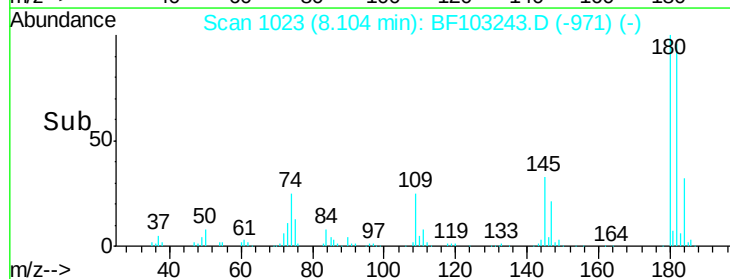
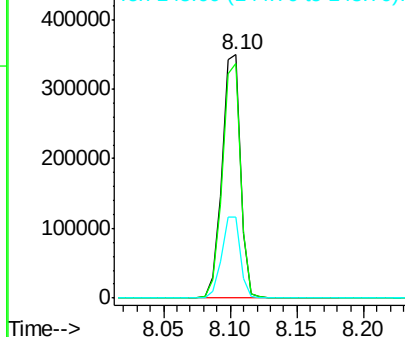


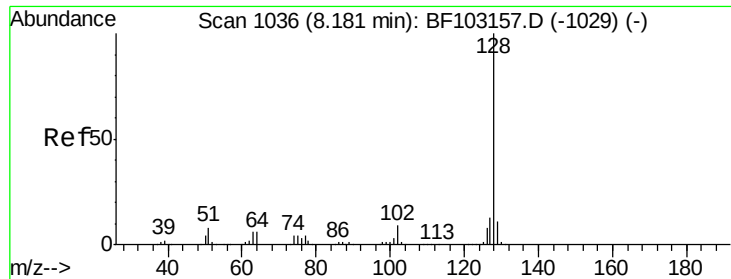
#30
 1,2,4-Trichlorobenzene
 Concen: 40.83 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.8	115.2
145	33.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.44 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

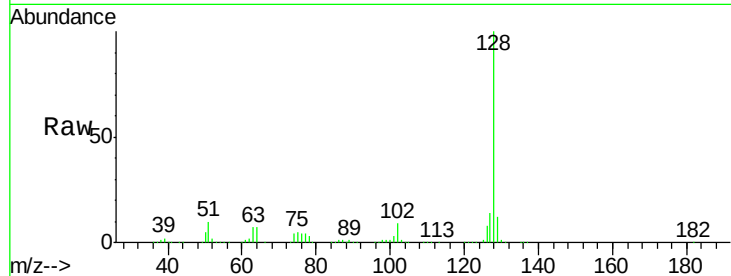
Tot Ion:128 Resp: 1210560

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

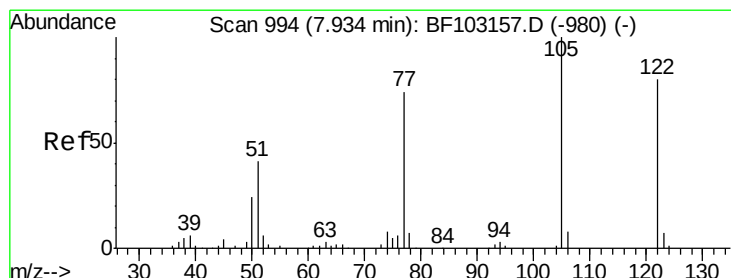
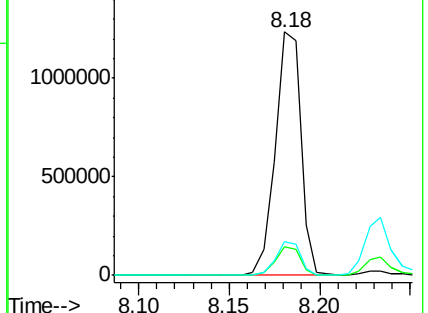
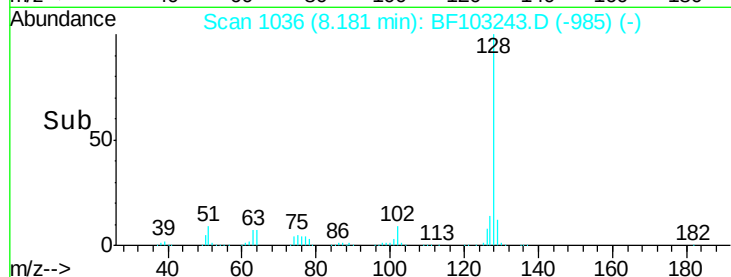
127 13.8 10.9 16.3



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: 19.55 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

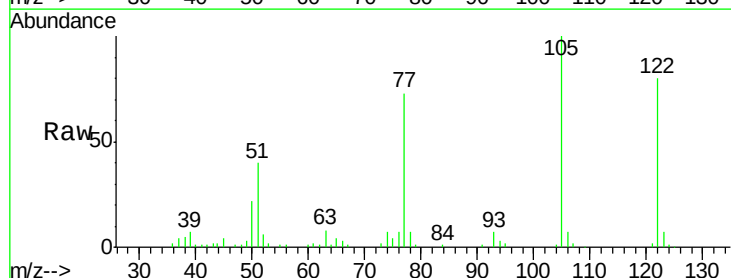
Tgt Ion:122 Resp: 90685

Ion Ratio Lower Upper

122 100

105 124.7 101.1 141.1

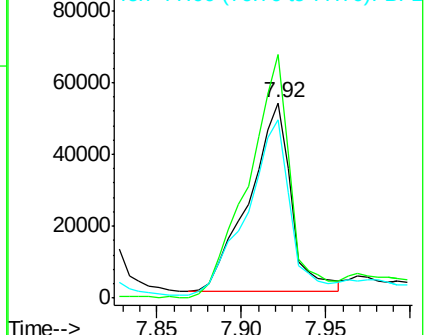
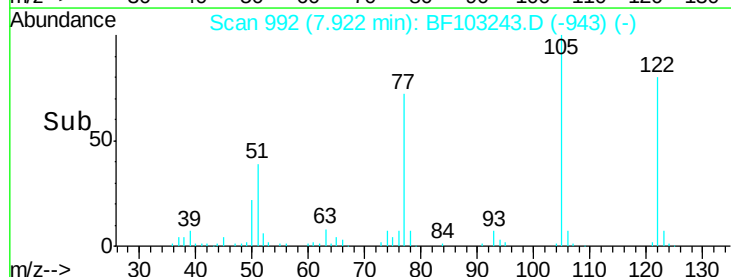
77 91.4 70.7 110.7

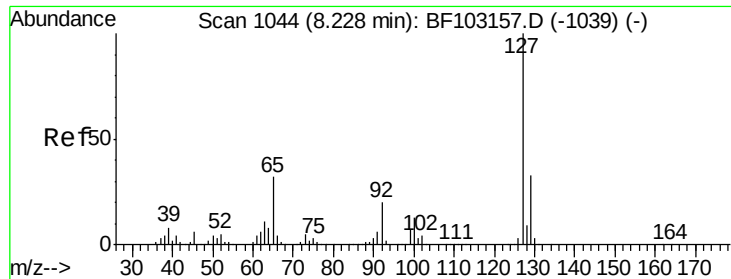


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

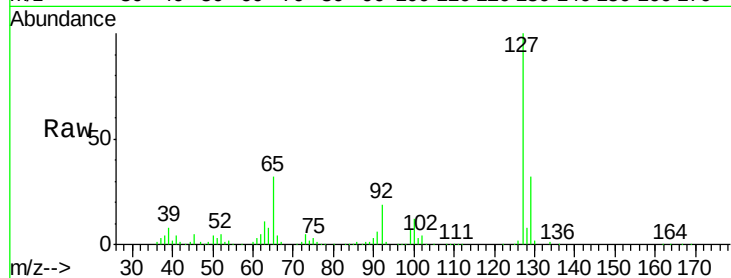




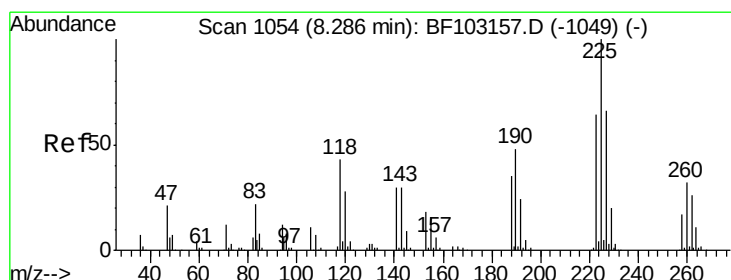
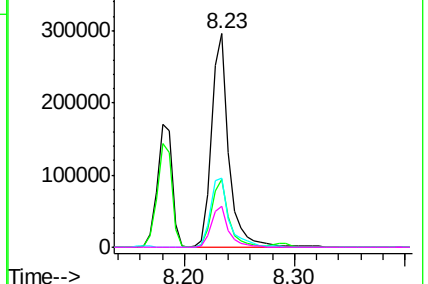
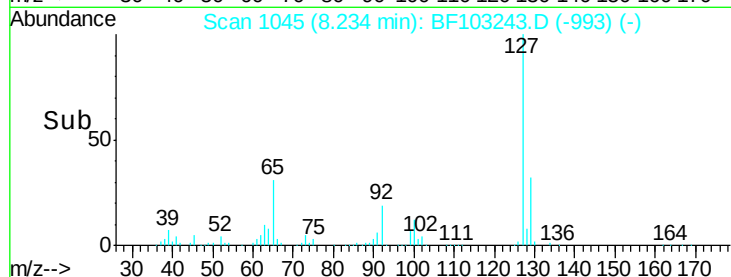
#33
4-Chloroaniline
Concen: 24.76 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	312149
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	32.1	25.0	37.4
92	19.1	15.2	22.8

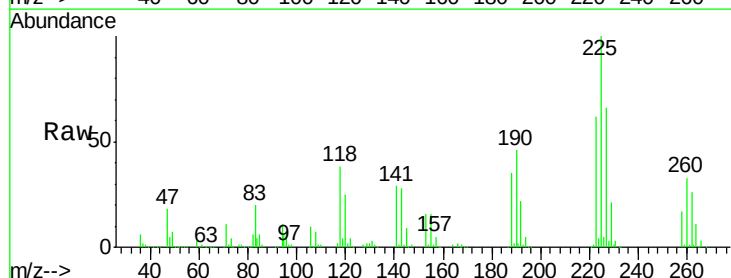


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

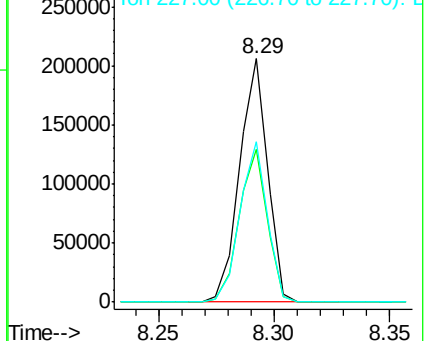
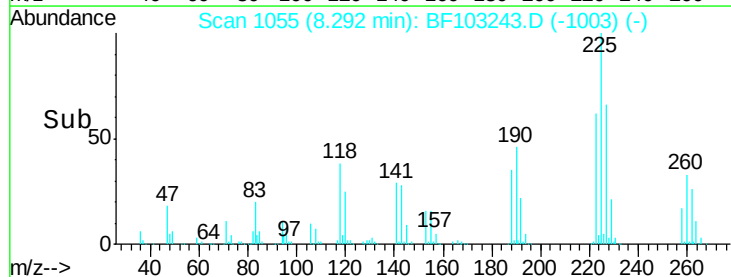


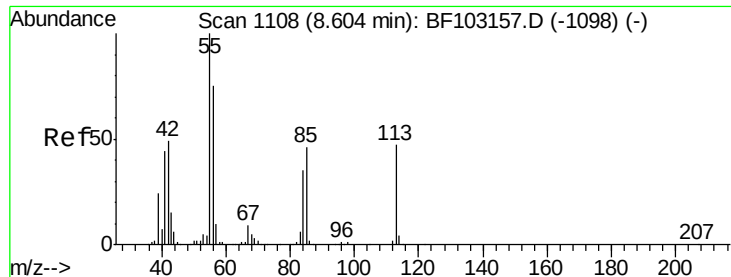
#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:	225	Resp:	174525
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	65.7	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.52 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampled :

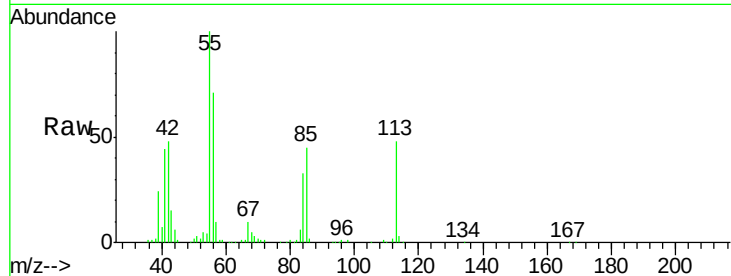
Tot Ion:113 Resp: 124010

Ion Ratio Lower Upper

113 100

55 207.9 163.3 203.3#

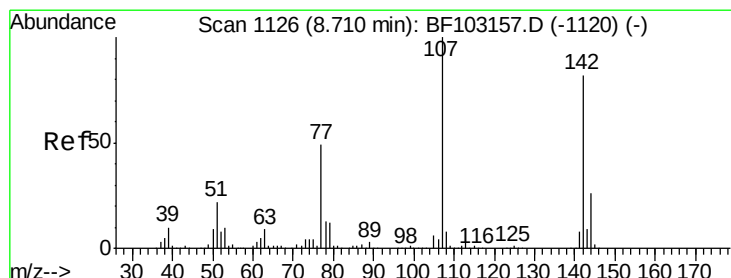
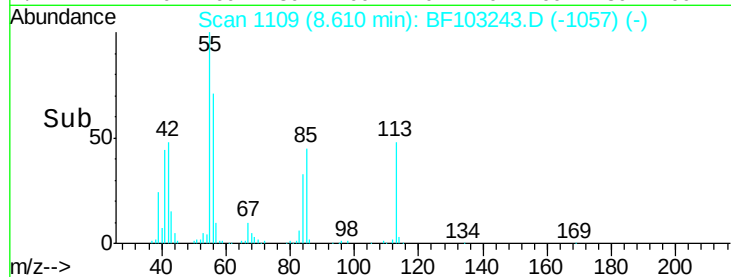
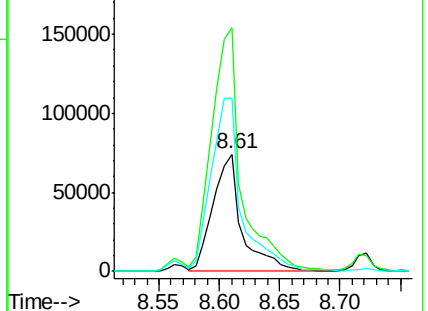
56 148.4 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.81 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

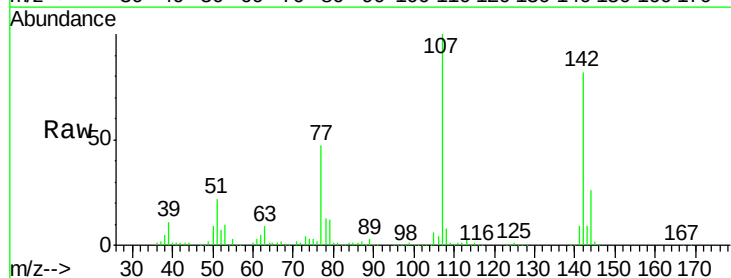
Tgt Ion:107 Resp: 382637

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

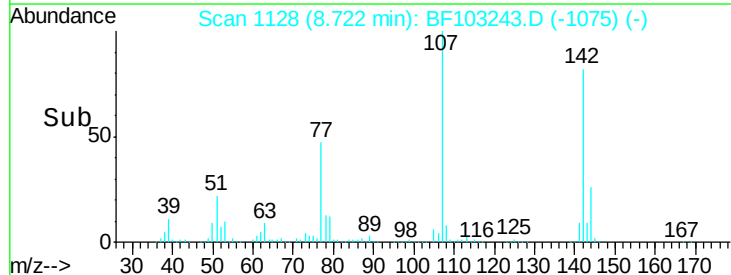
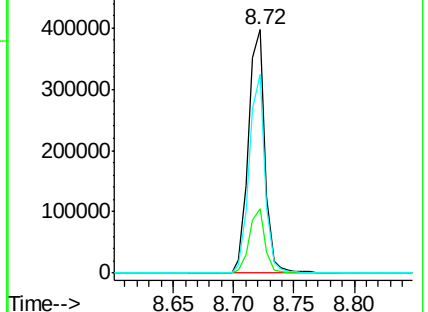
142 81.9 62.0 93.0

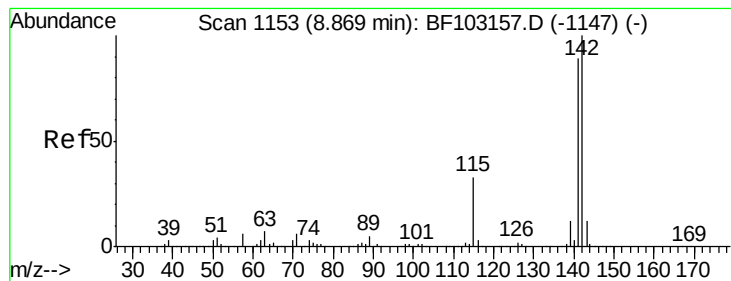


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.91 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleID :

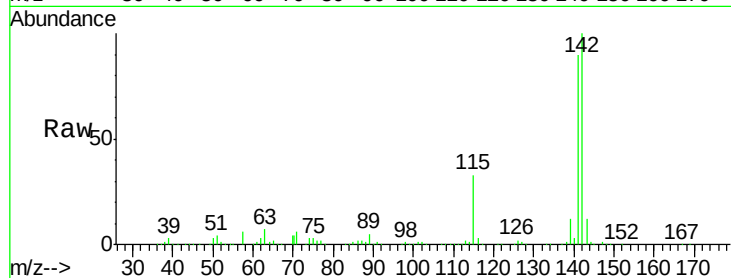
Tot Ion:142 Resp: 772314

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2

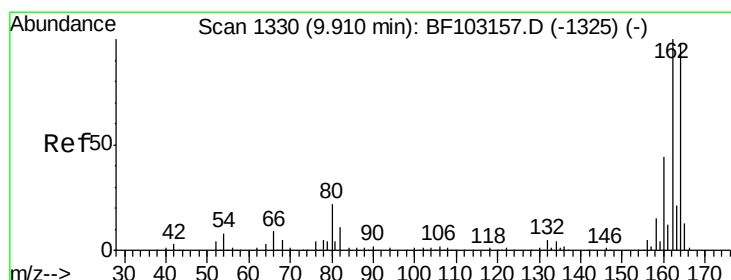
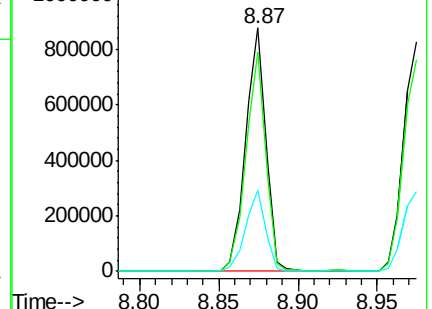
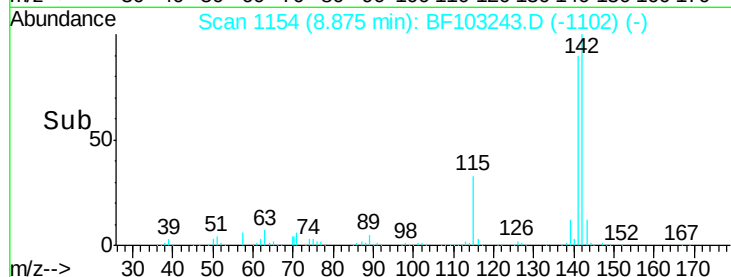
115 33.3 26.1 39.1



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

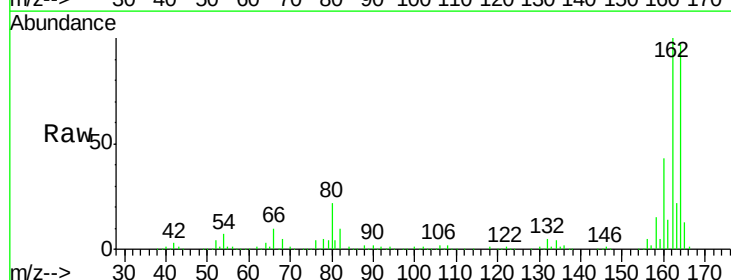
Tgt Ion:164 Resp: 240241

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

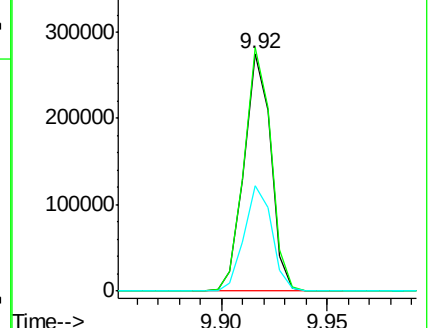
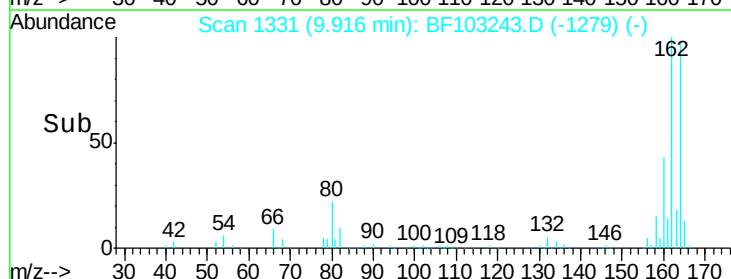
160 44.2 38.3 57.5

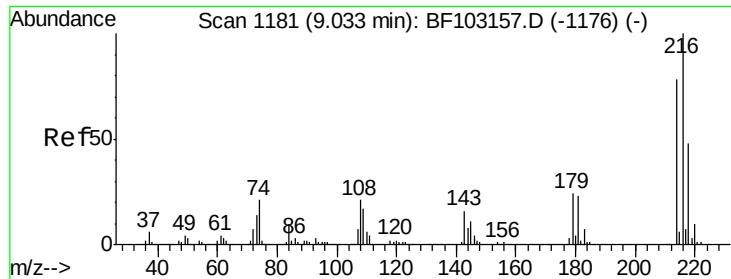


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

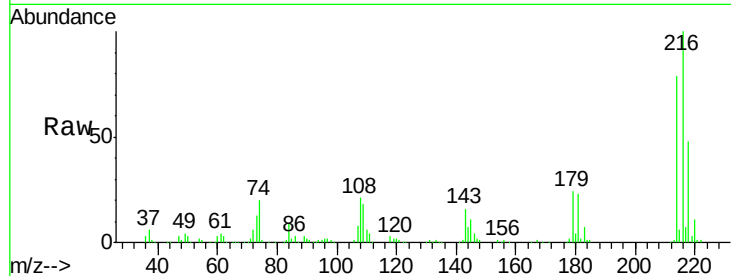




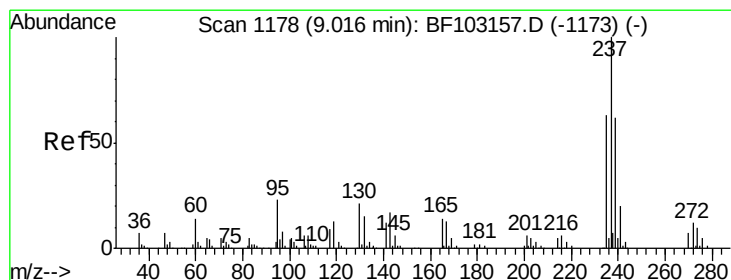
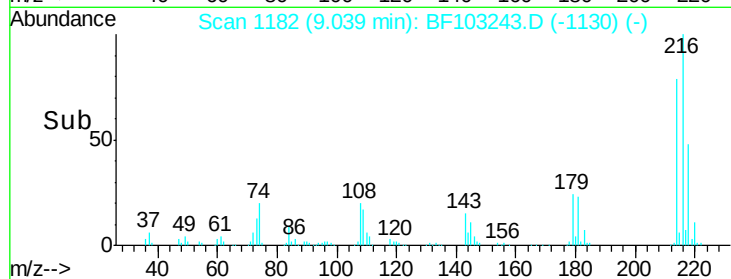
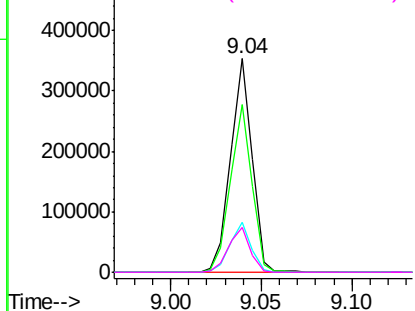
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.61 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	292977
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	23.3	18.1	27.1
108	21.3	17.2	25.8

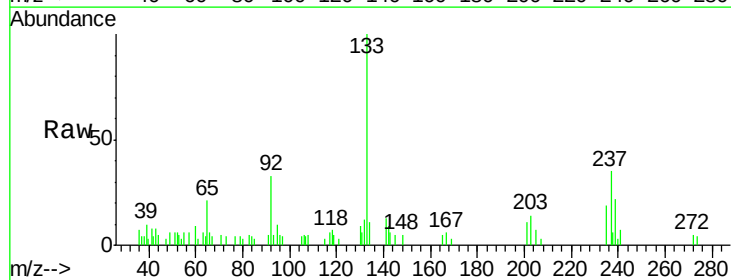


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

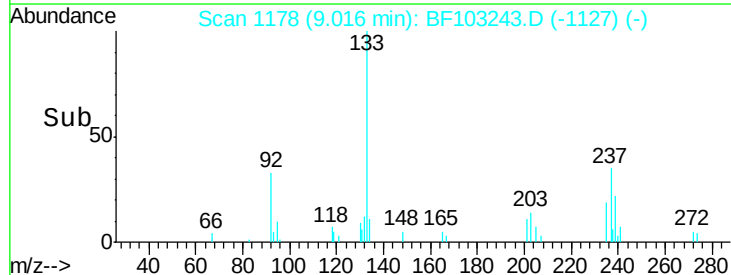
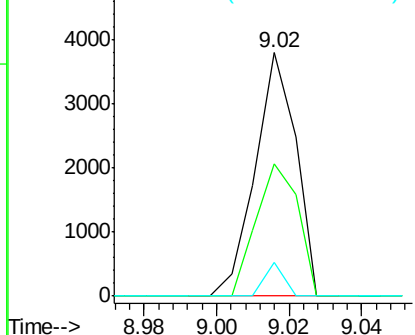


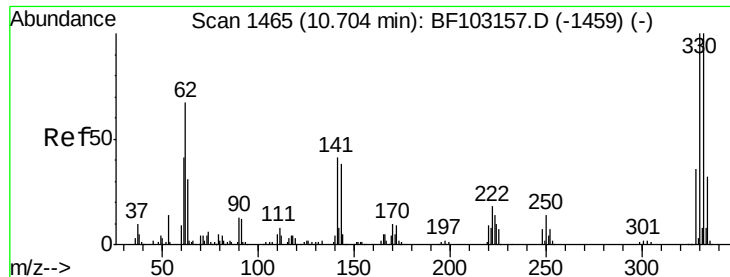
#40
 Hexachlorocyclopentadiene
 Concen: 10.01 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion:	237	Resp:	2940
Ion Ratio	Lower	Upper	
237	100		
235	54.3	44.8	84.8
272	13.8	0.0	33.3



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

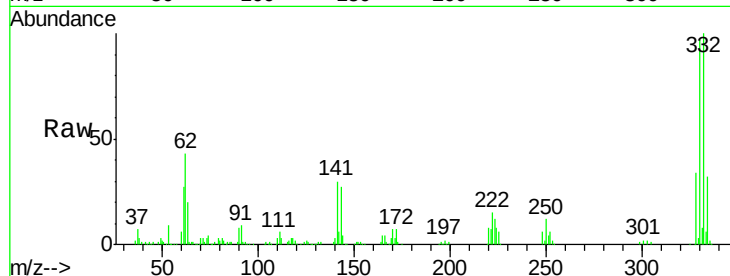




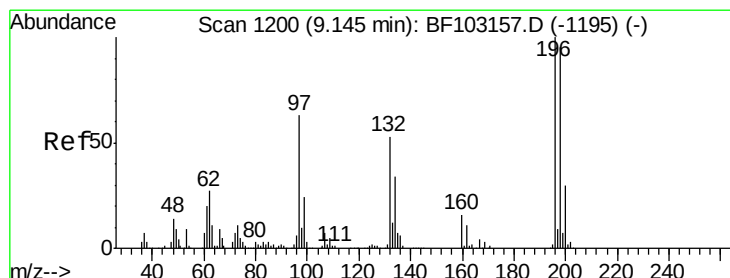
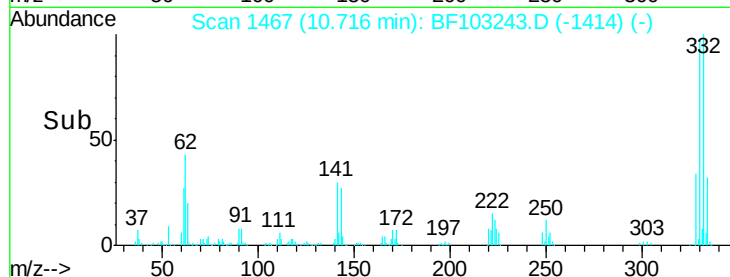
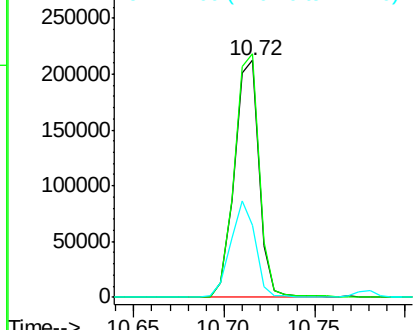
#41
 2,4,6-Tribromophenol
 Concen: 99.70 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	40.8	29.9	44.9

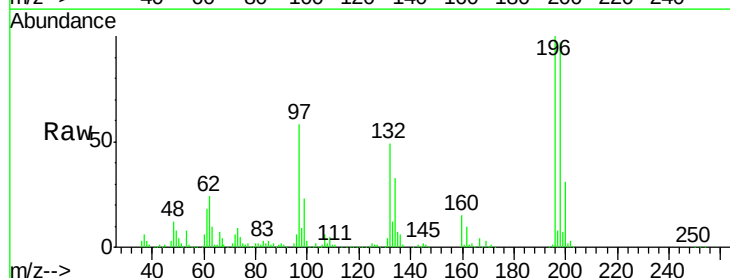


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

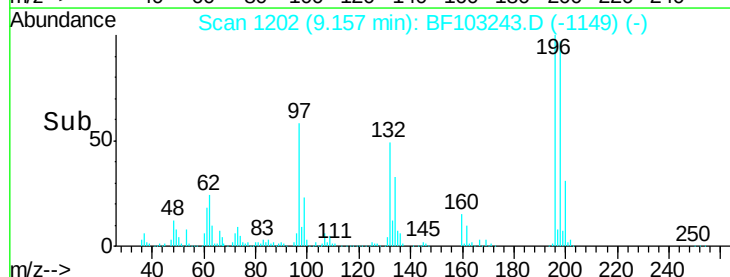
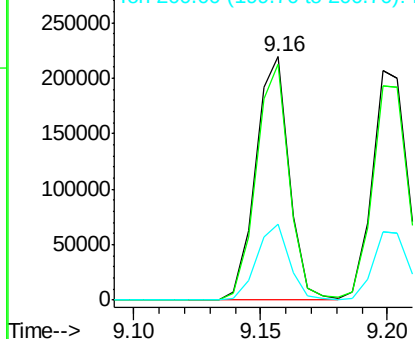


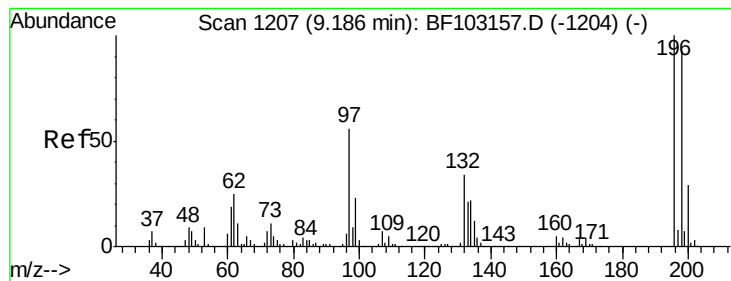
#42
 2,4,6-Trichlorophenol
 Concen: 45.89 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	31.4	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 41.06 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 208703

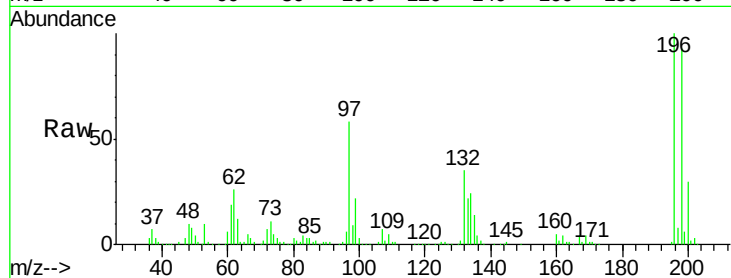
Ion Ratio Lower Upper

196 100

198 93.2 74.6 112.0

97 57.8 42.9 64.3

132 35.3 26.3 39.5

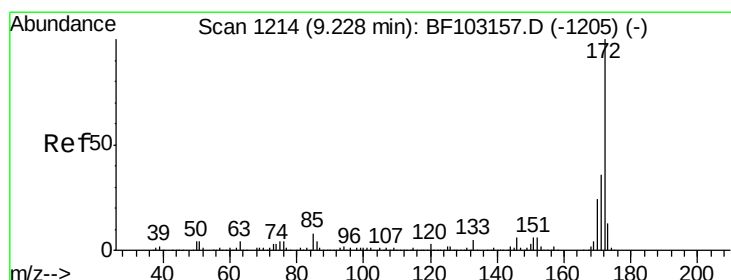
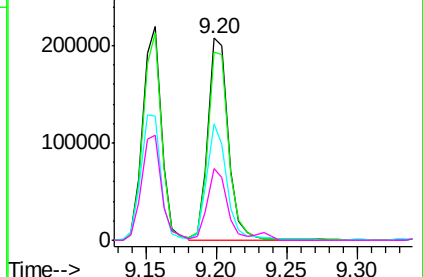
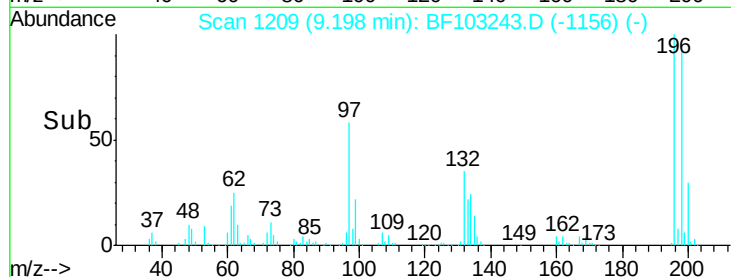


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 78.25 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

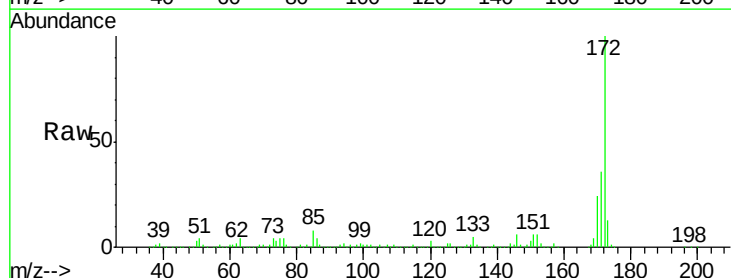
Tgt Ion:172 Resp: 1112248

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

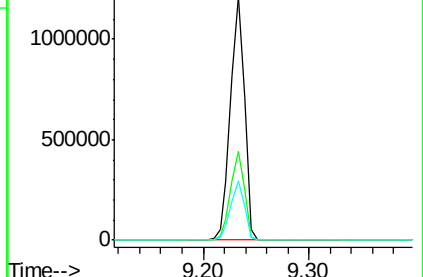
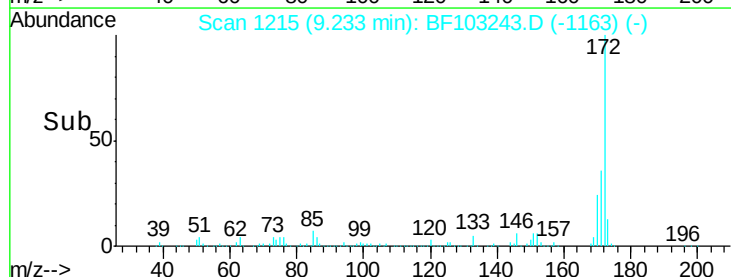
170 24.4 19.6 29.4

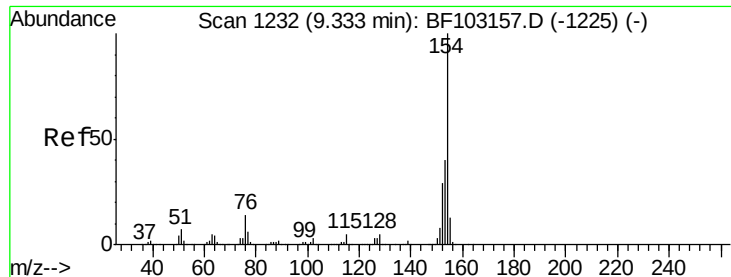


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.05 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

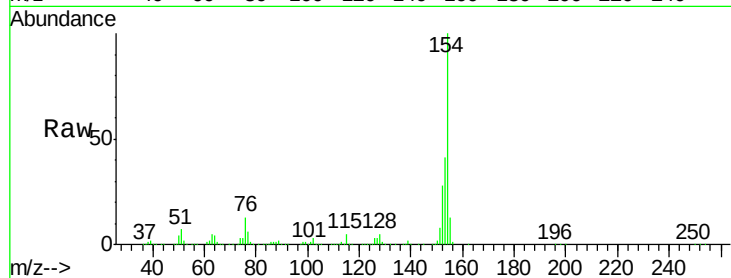
Tot Ion:154 Resp: 866574

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

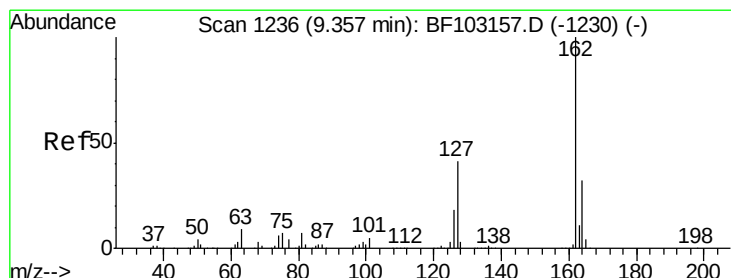
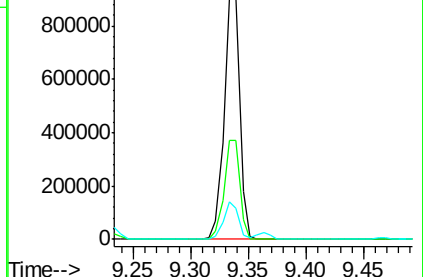
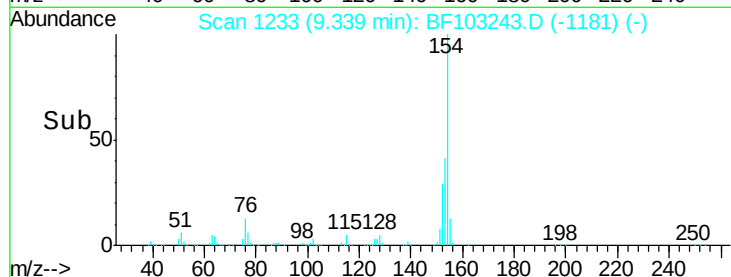
76 12.8 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 43.09 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

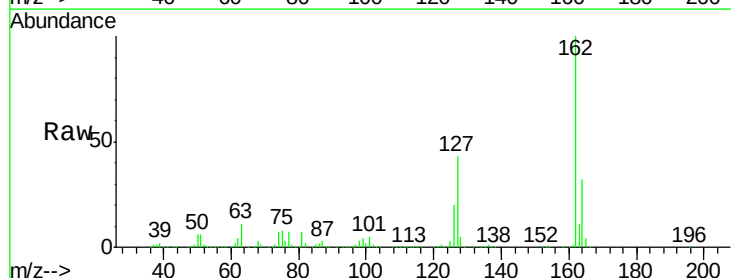
Tgt Ion:162 Resp: 686216

Ion Ratio Lower Upper

162 100

127 42.6 33.9 50.9

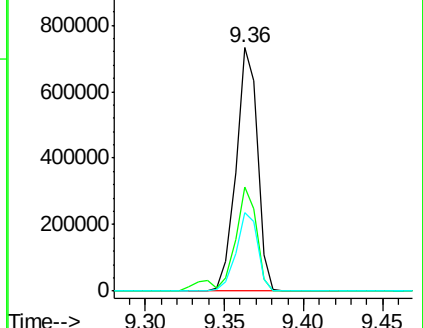
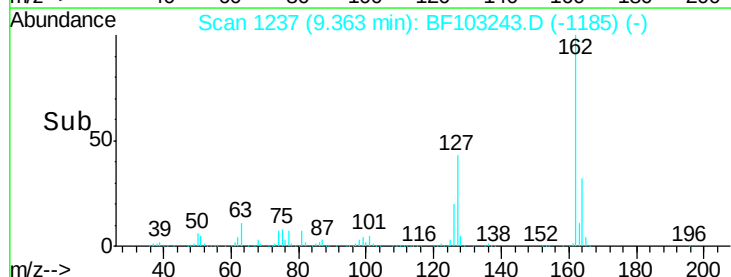
164 32.1 26.5 39.7

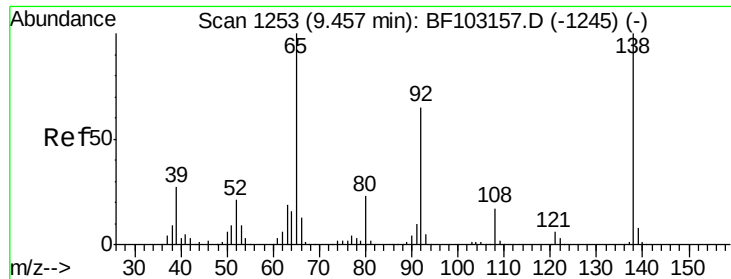


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.11 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

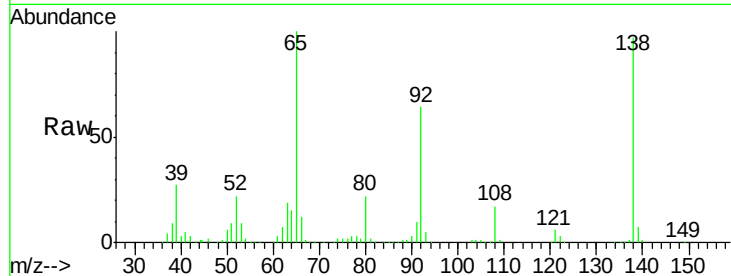
Tot Ion: 65 Resp: 295593

Ion Ratio Lower Upper

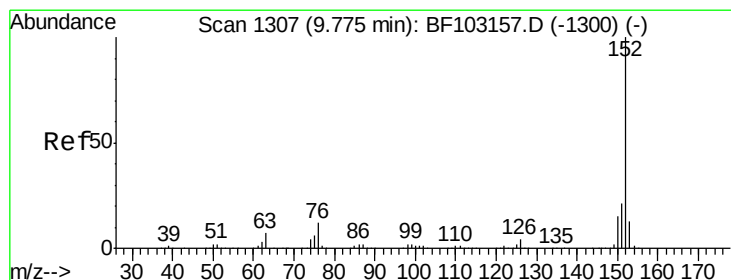
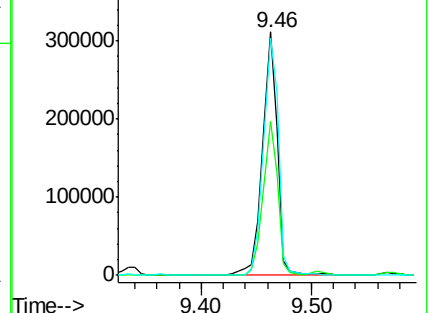
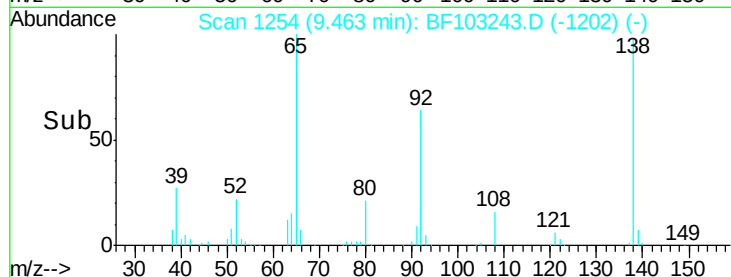
65 100

92 63.5 55.8 83.6

138 97.3 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 40.94 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

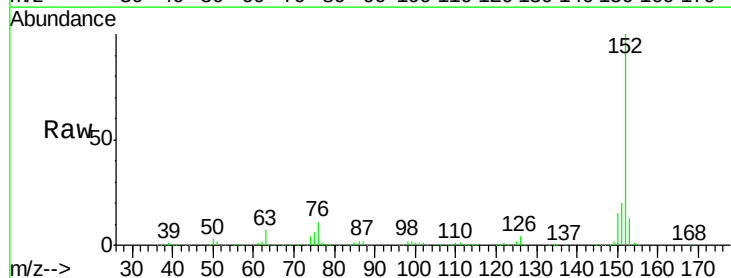
Tgt Ion: 152 Resp: 1003314

Ion Ratio Lower Upper

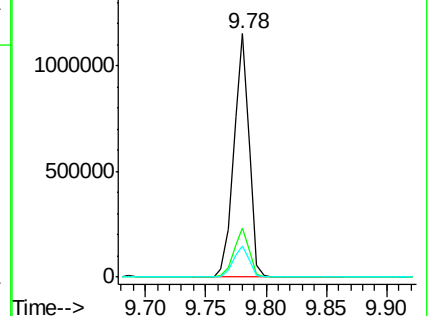
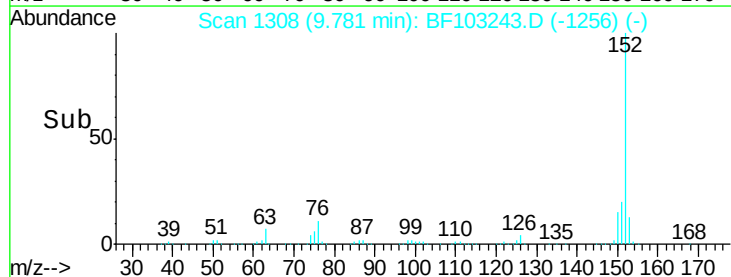
152 100

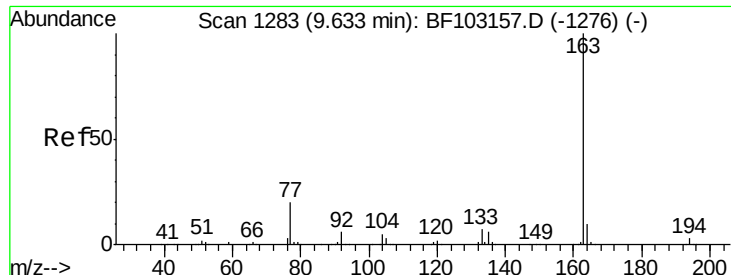
151 20.2 16.3 24.5

153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

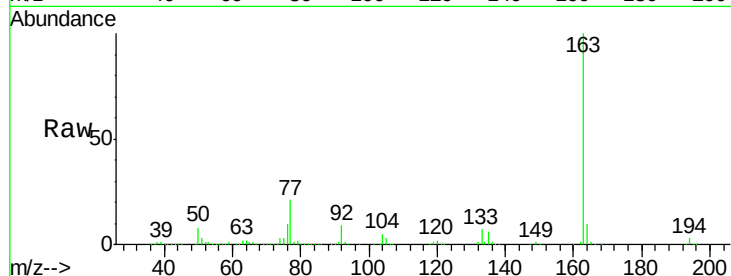




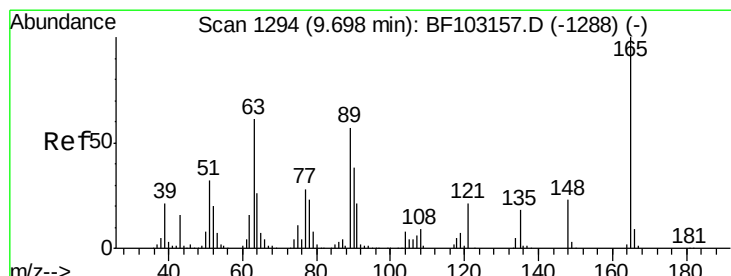
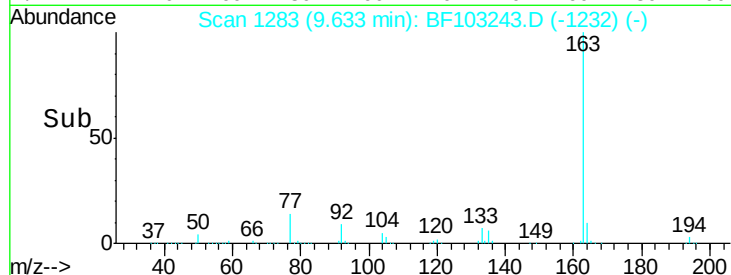
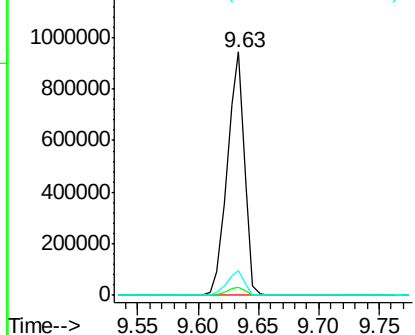
#49
Dimethylphthalate
Concen: 47.92 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 923600
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

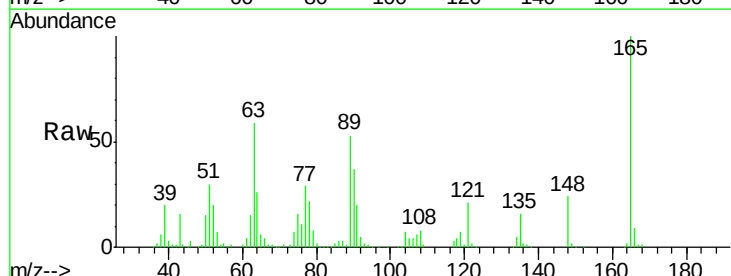


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

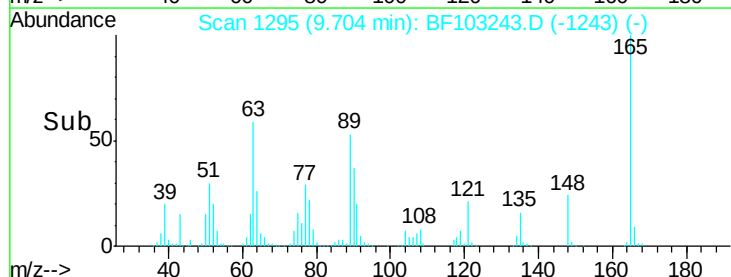
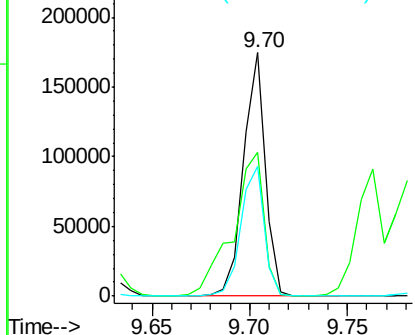


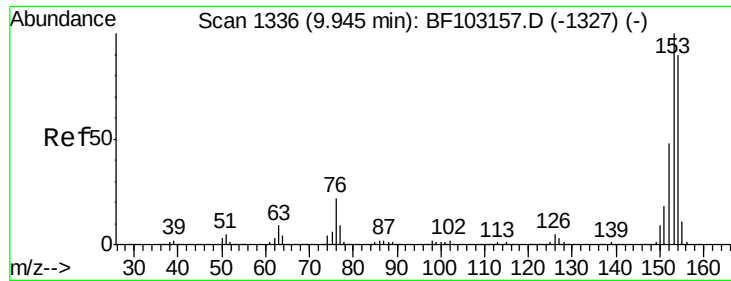
#50
2,6-Dinitrotoluene
Concen: 33.49 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:165 Resp: 135459
Ion Ratio Lower Upper
165 100
63 58.9 44.7 67.1
89 53.4 44.0 66.0



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

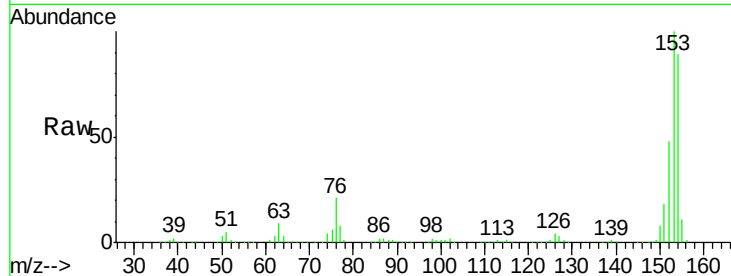




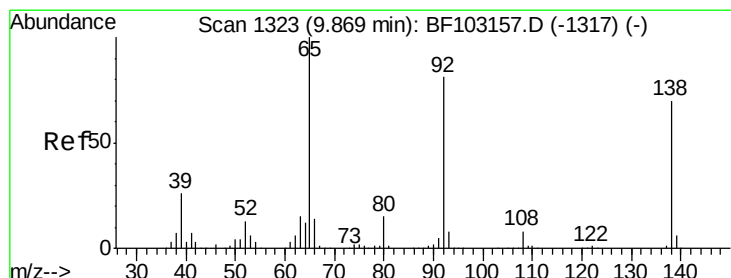
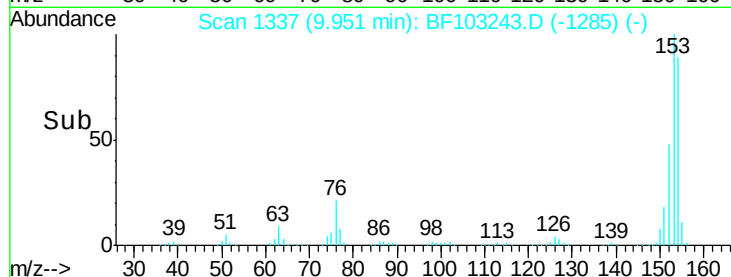
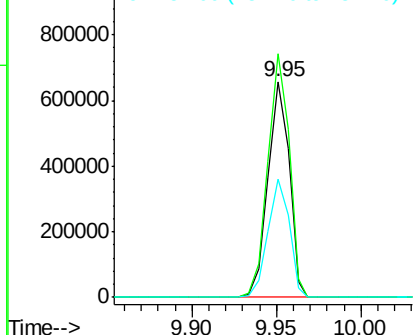
#51
Acenaphthene
Concen: 40.26 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	54.6	43.8	65.8

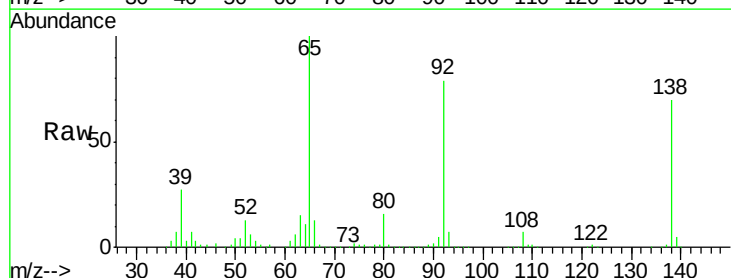


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

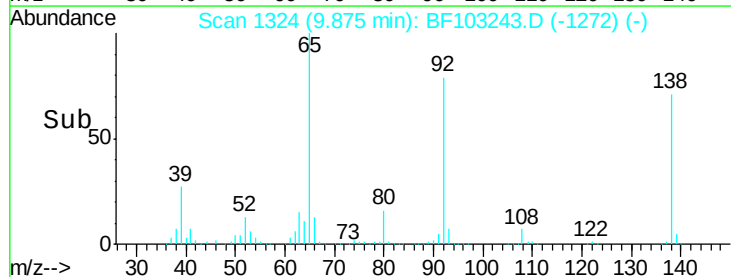
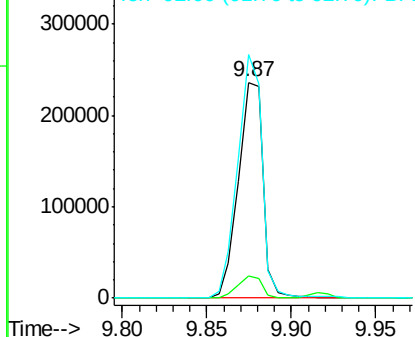


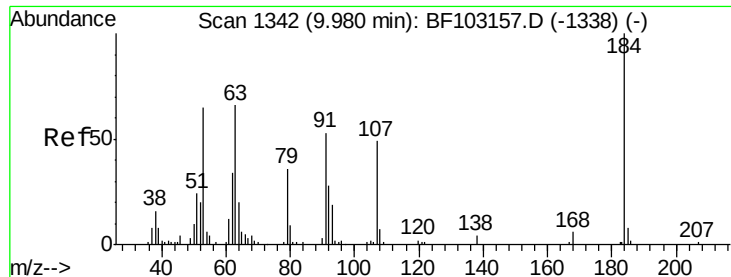
#52
3-Nitroaniline
Concen: 47.29 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	112.7	89.4	134.2



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

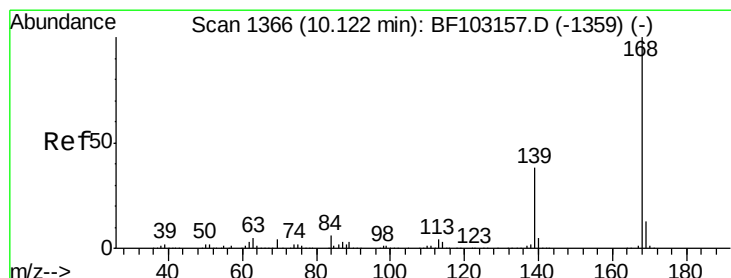
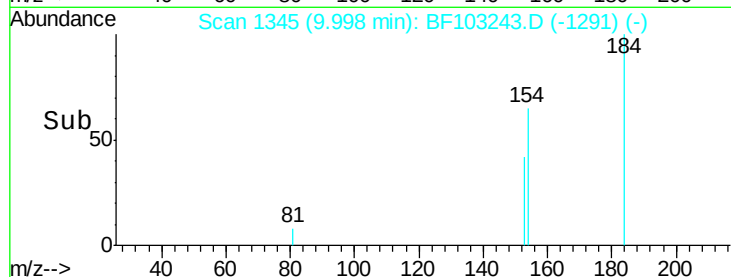
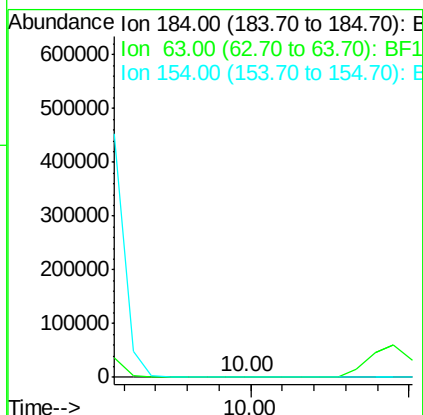
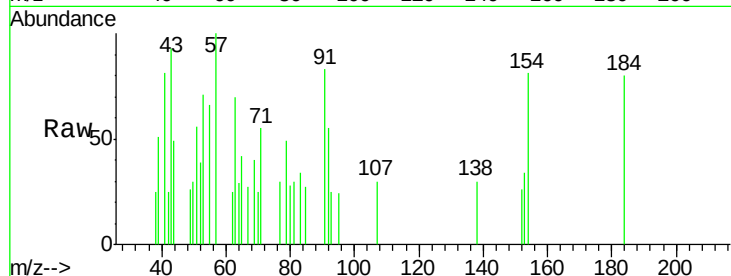




#53
2,4-Dinitrophenol
Concen: 10.38 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

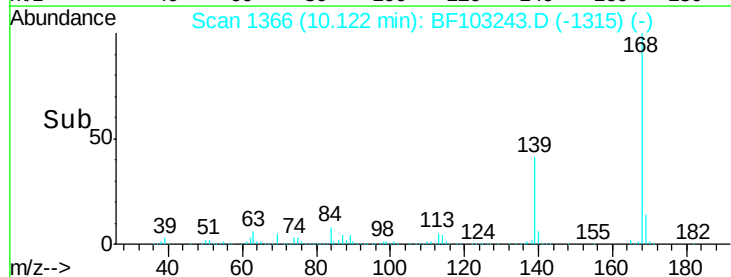
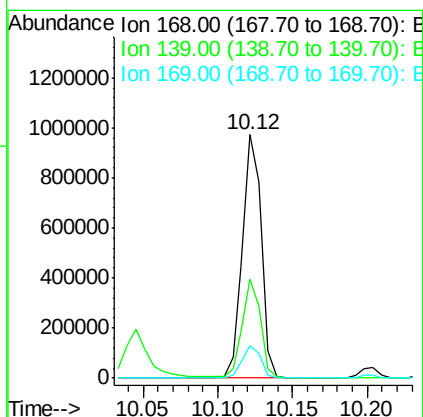
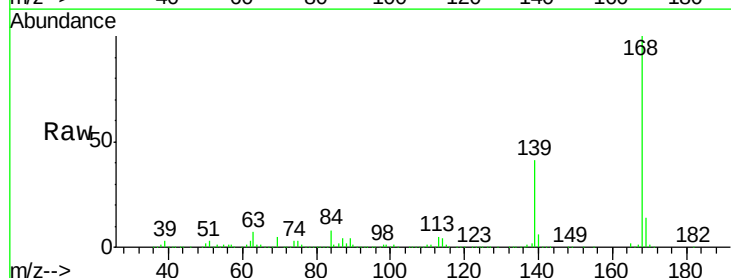
Instrument :
BNA_F
ClientSampleId :

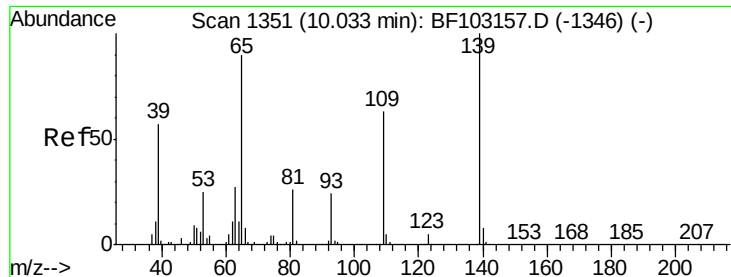
Tot Ion:184 Resp: 1260
Ion Ratio Lower Upper
184 100
63 87.3 54.2 81.2#
154 101.1 184.0 276.0#



#54
Dibenzofuran
Concen: 43.62 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:168 Resp: 855510
Ion Ratio Lower Upper
168 100
139 40.8 30.1 45.1
169 13.5 10.9 16.3

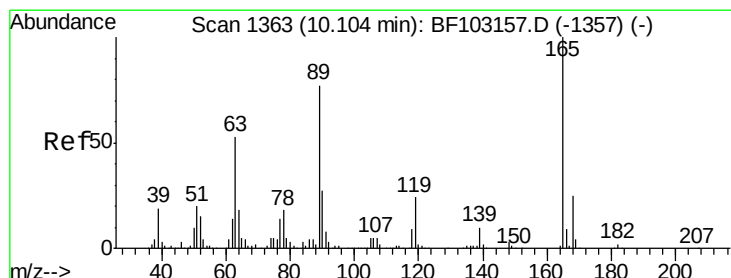
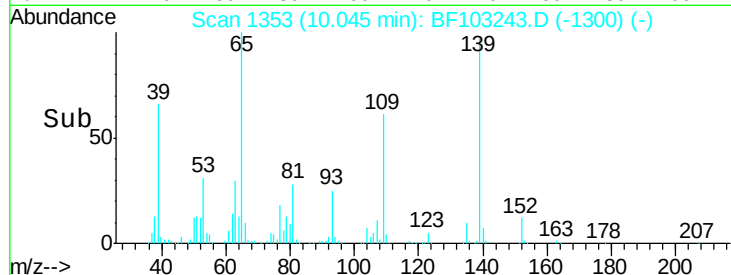
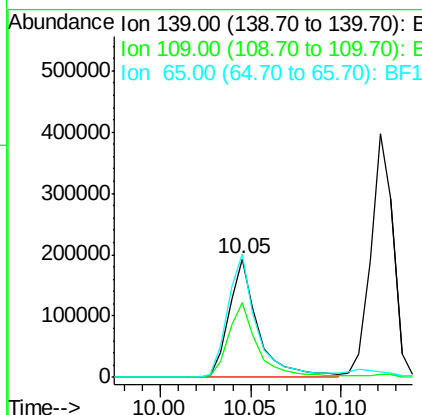
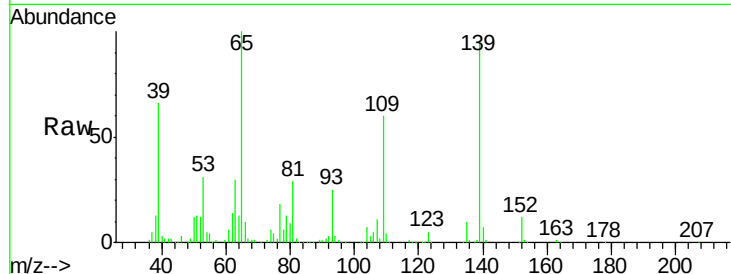




#55
4-Nitrophenol
Concen: 67.91 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

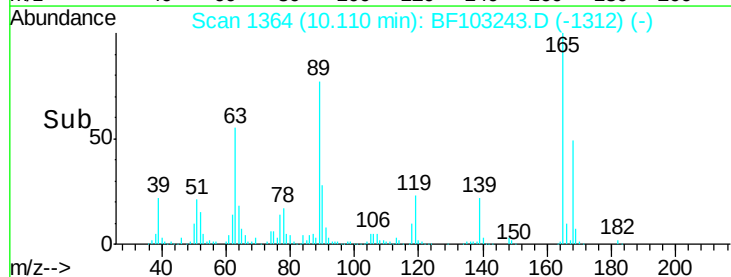
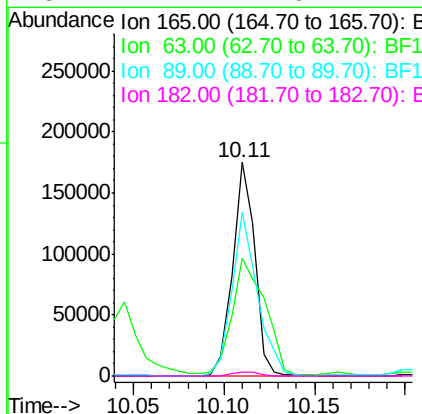
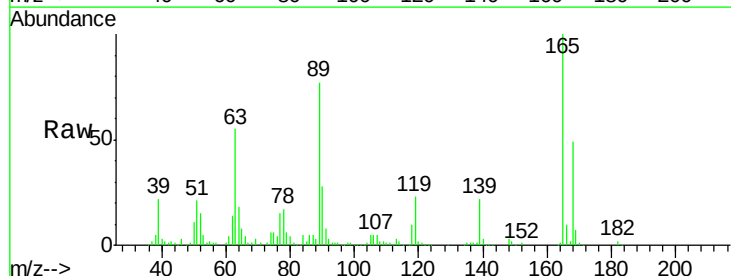
Instrument :
BNA_F
ClientSampled :

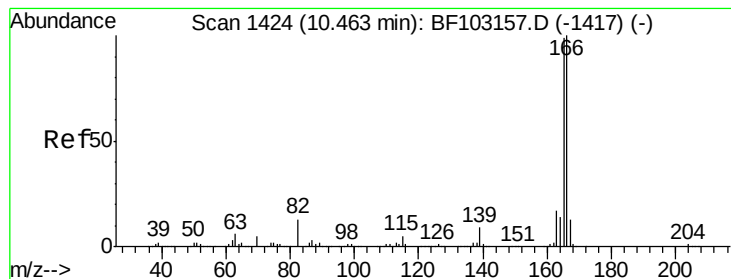
Tot Ion:139 Resp: 215963
Ion Ratio Lower Upper
139 100
109 62.8 48.4 88.4
65 103.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 29.32 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:165 Resp: 149992
Ion Ratio Lower Upper
165 100
63 55.0 36.4 54.6#
89 77.0 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 37.97 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

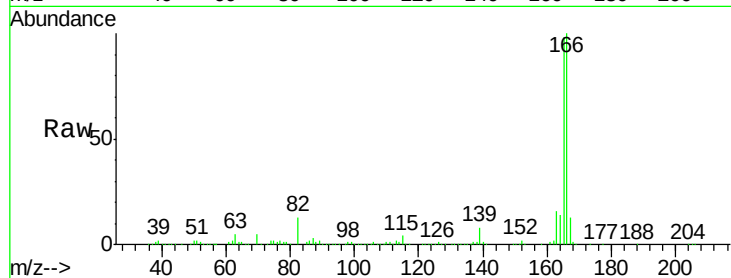
Tot Ion:166 Resp: 634523

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

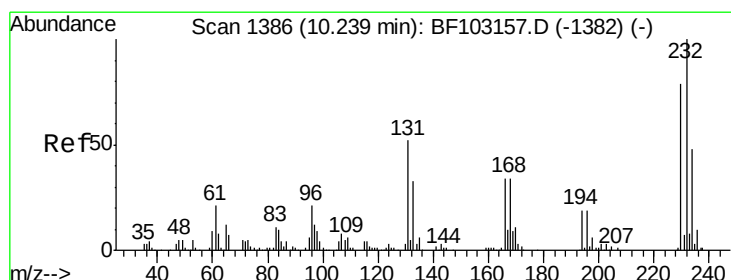
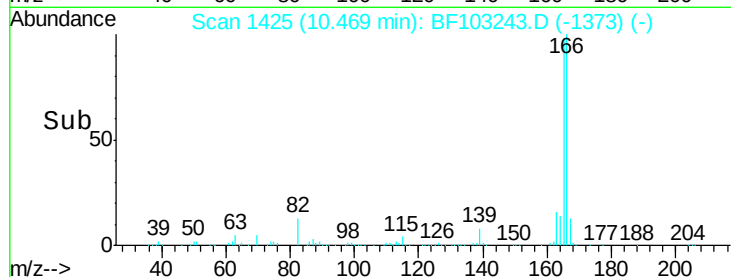
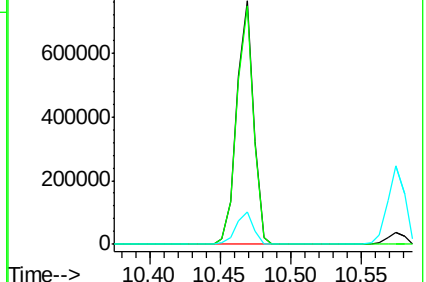
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.43 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:232 Resp: 141450

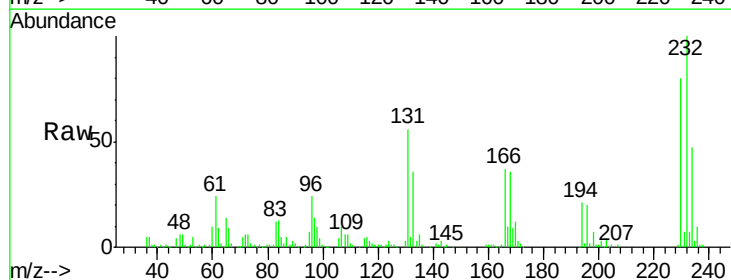
Ion Ratio Lower Upper

232 100

131 56.7 43.8 65.8

130 2.9 2.1 3.1

166 36.4 27.8 41.6

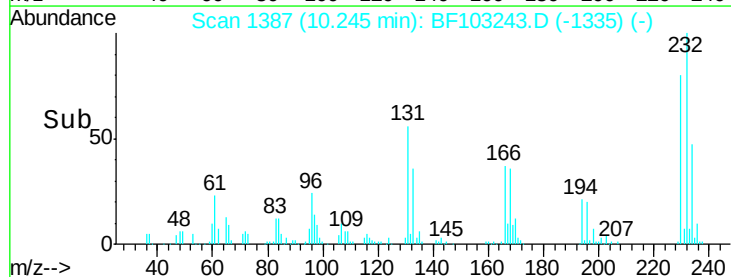
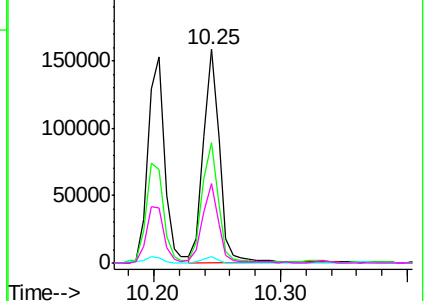


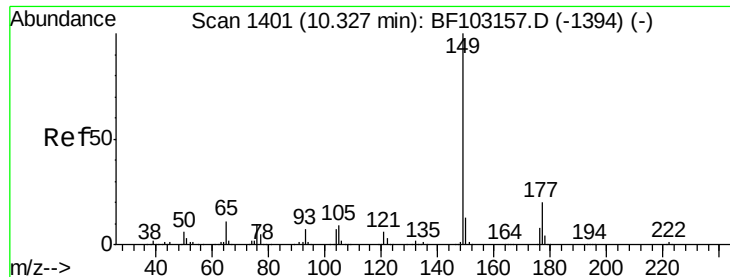
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.05 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampled :

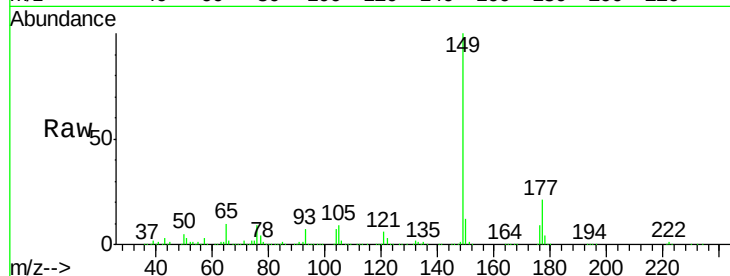
Tot Ion:149 Resp: 775041

Ion Ratio Lower Upper

149 100

177 21.0 16.1 24.1

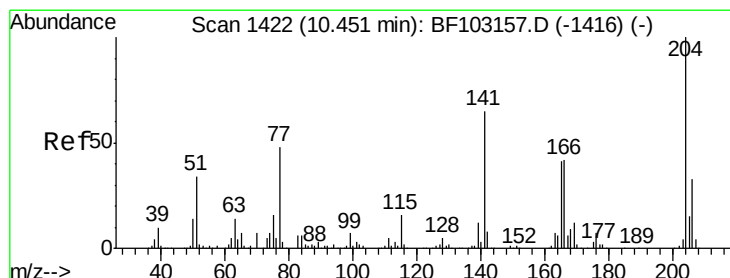
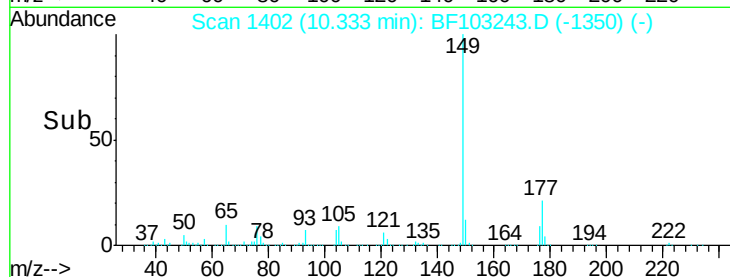
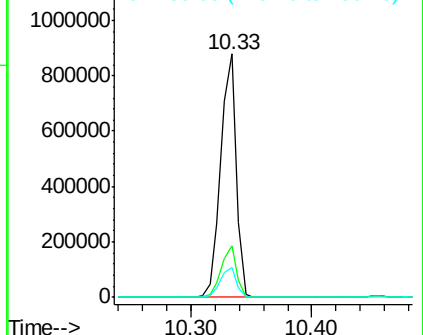
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.67 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

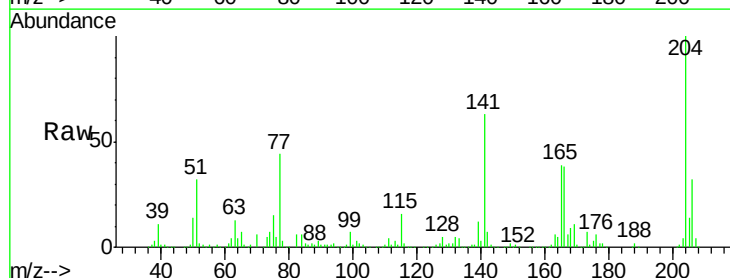
Tgt Ion:204 Resp: 295272

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

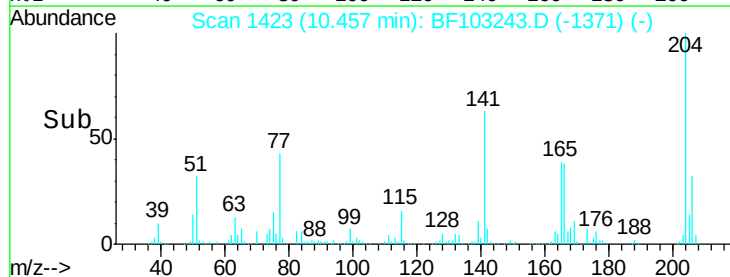
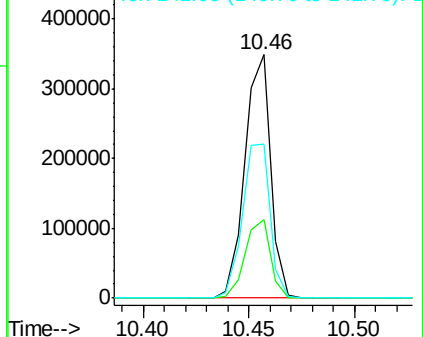
141 63.1 54.6 81.8

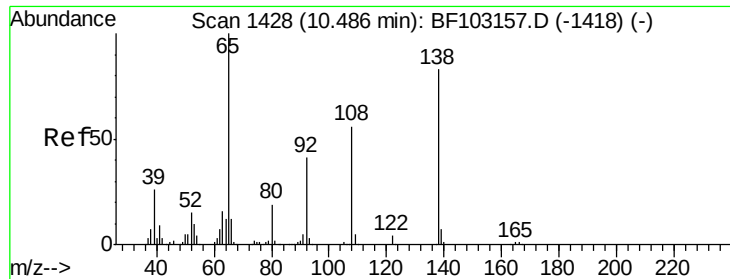


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

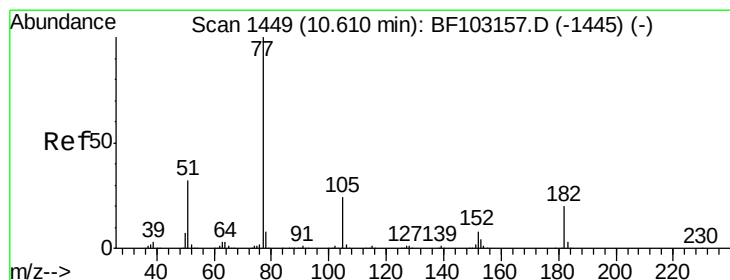
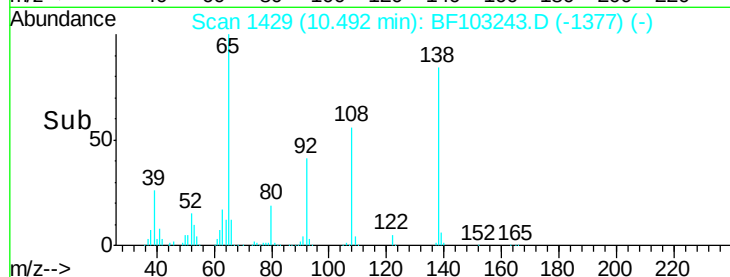
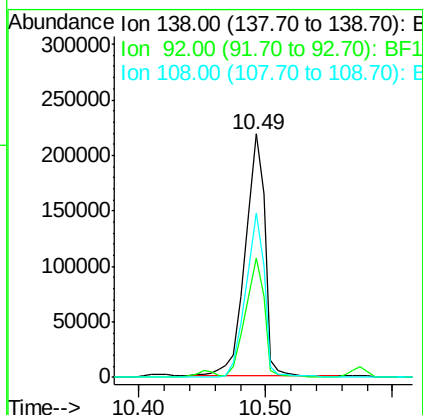
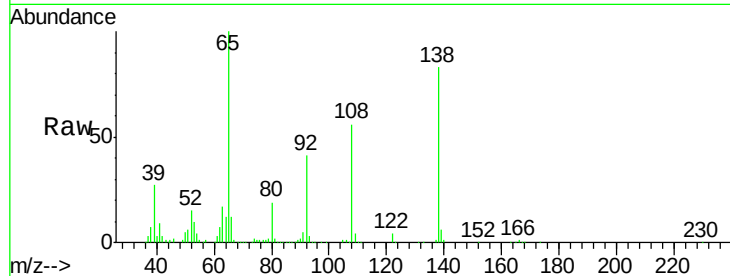




#61
4-Nitroaniline
Concen: 45.86 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

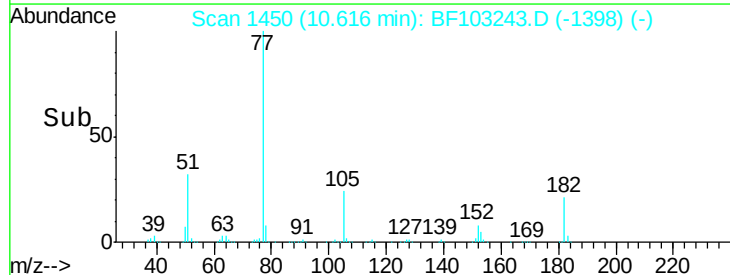
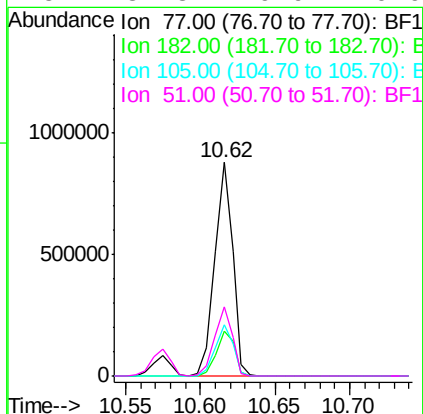
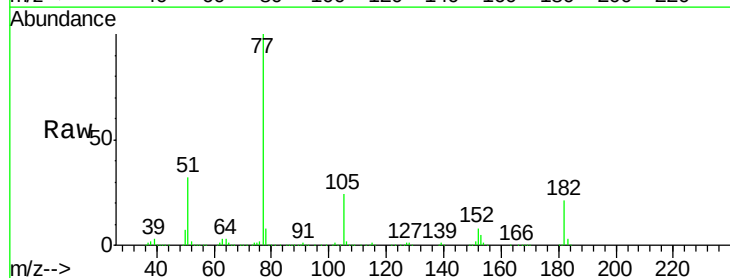
Instrument :
BNA_F
ClientSampled :

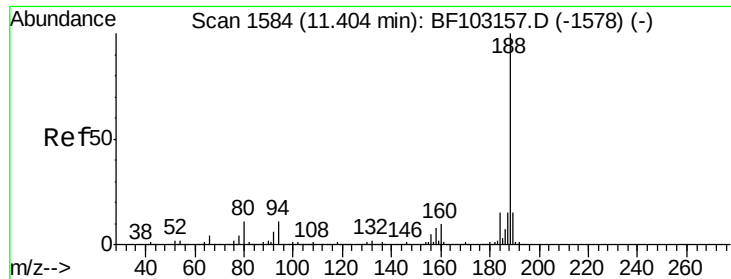
Tot Ion:138 Resp: 235041
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 67.4 52.5 92.5



#62
Azobenzene
Concen: 39.06 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion: 77 Resp: 732903
Ion Ratio Lower Upper
77 100
182 20.9 1.7 41.7
105 23.8 3.0 43.0
51 32.3 9.9 49.9

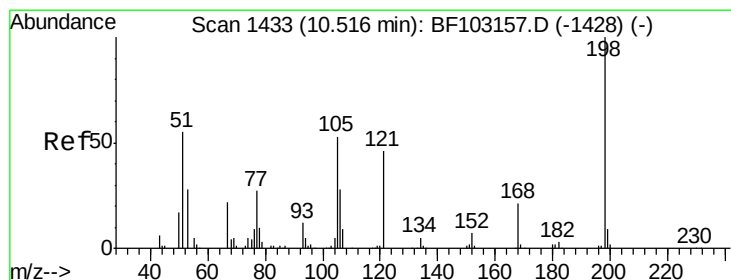
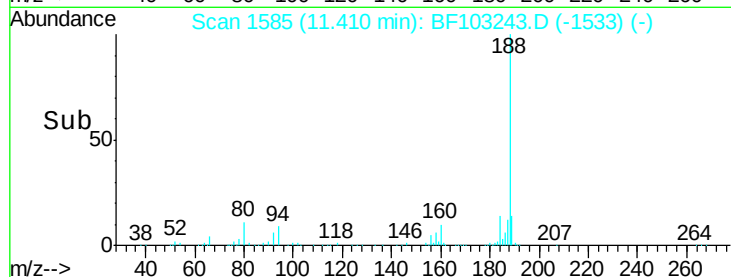
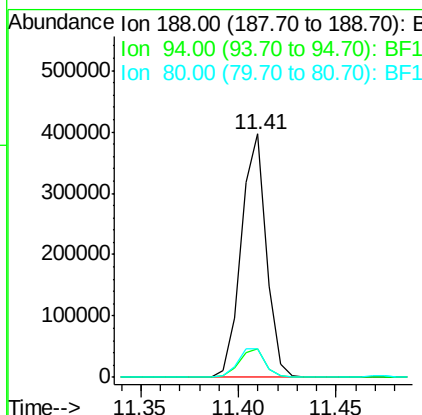
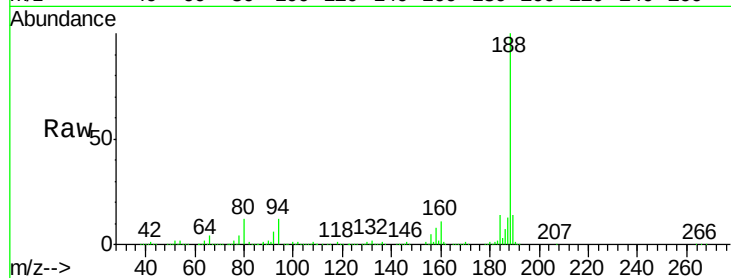




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

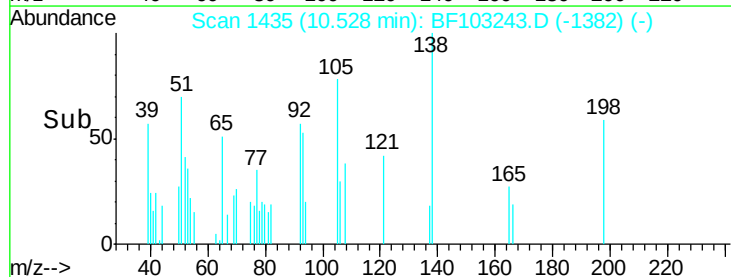
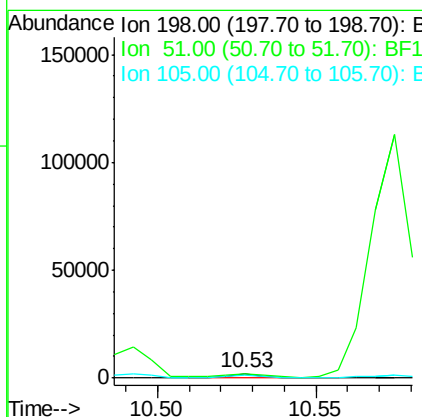
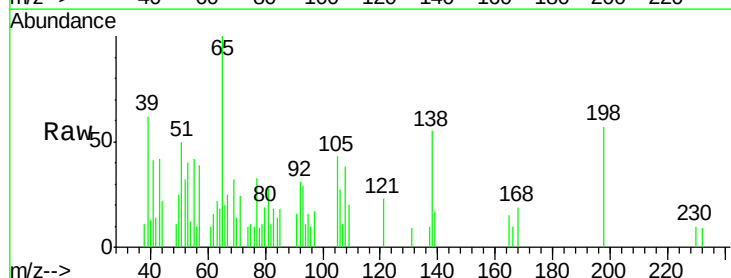
Instrument :
BNA_F
ClientSampled :

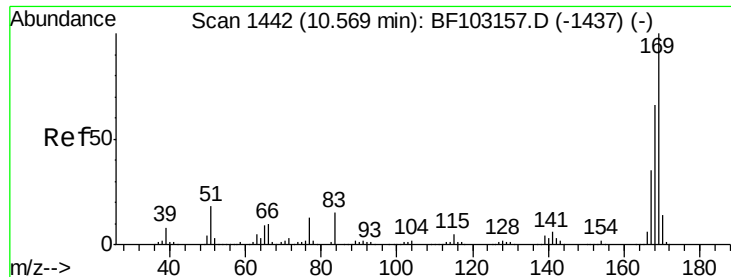
Tot Ion:188 Resp: 352104
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.63 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:198 Resp: 1632
Ion Ratio Lower Upper
198 100
51 87.9 37.7 77.7#
105 75.9 36.3 76.3

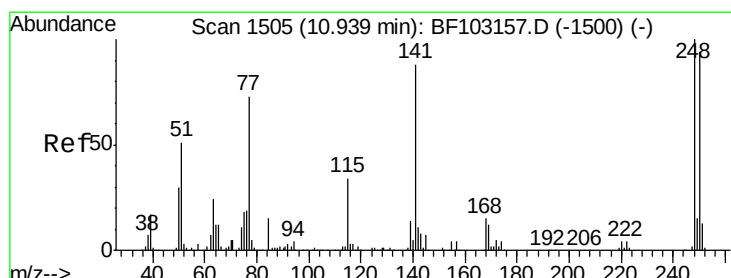
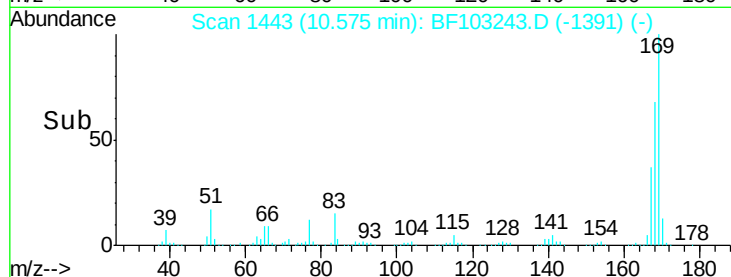
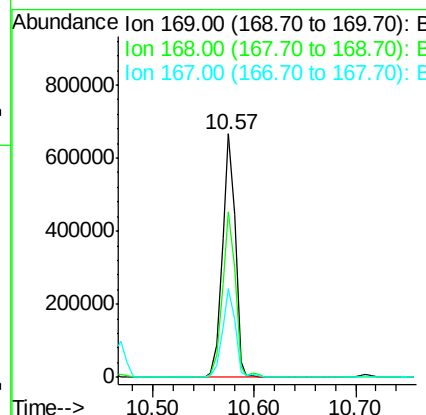
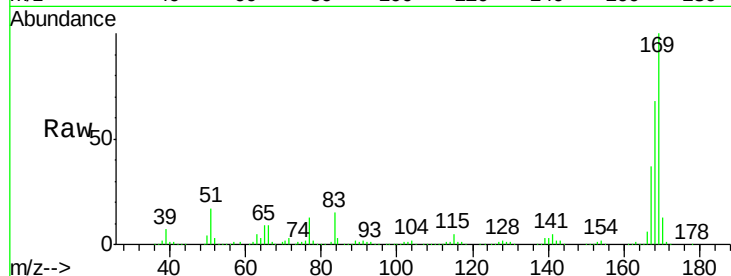




#65
 n-Nitrosodiphenylamine
 Concen: 47.63 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

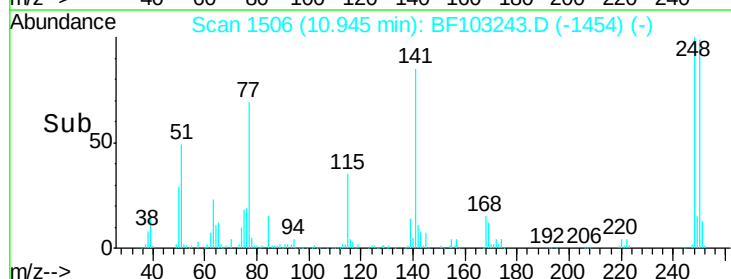
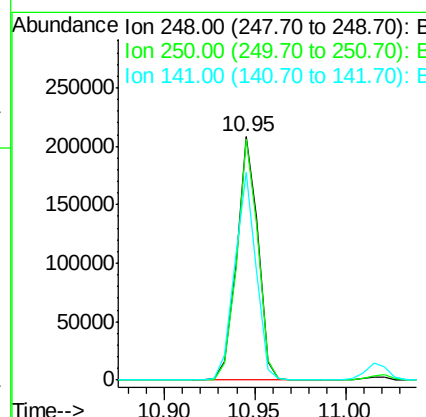
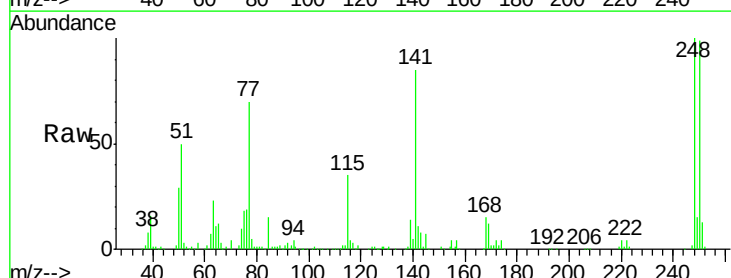
Instrument :
 BNA_F
 ClientSampleId :

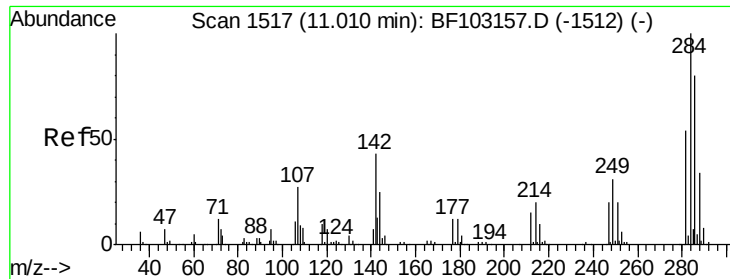
Tot Ion:169 Resp: 583946
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.44 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion:248 Resp: 170321
 Ion Ratio Lower Upper
 248 100
 250 99.0 76.9 115.3
 141 85.2 74.4 111.6

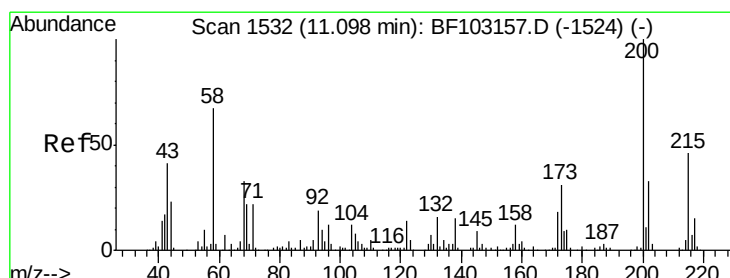
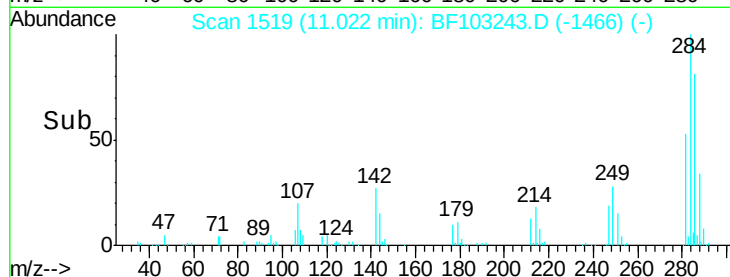
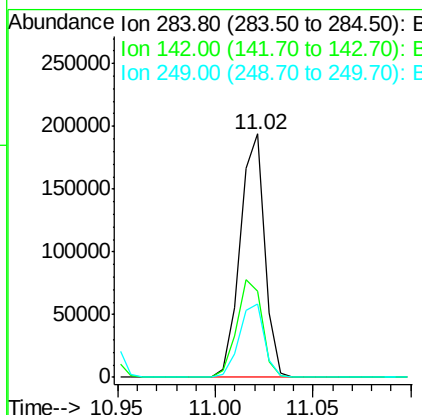
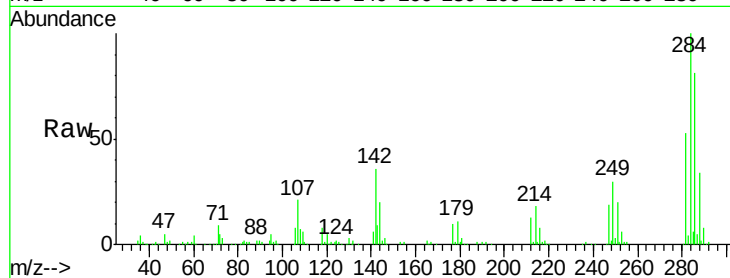




#67
Hexachlorobenzene
Concen: 42.48 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

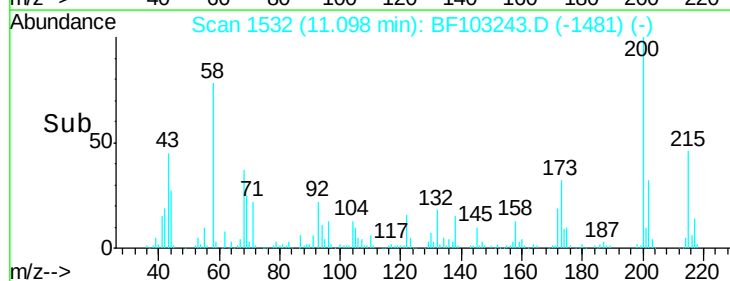
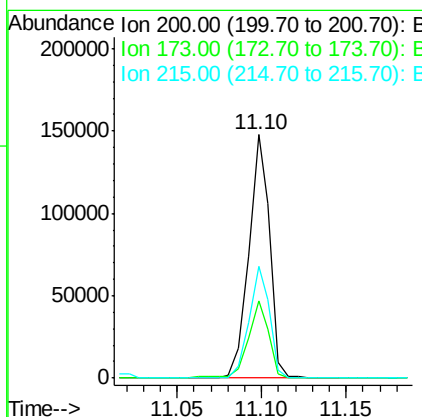
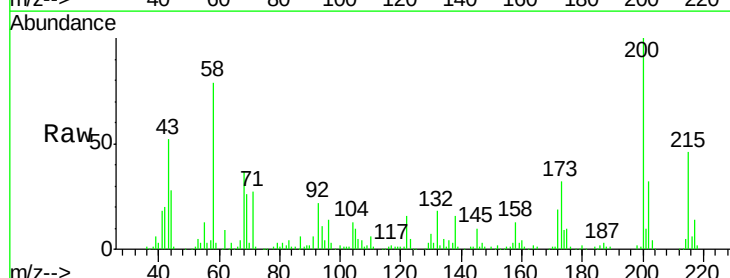
Instrument :
BNA_F
ClientSampleId :

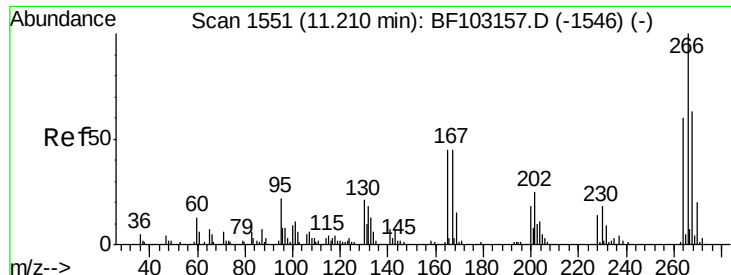
Tot Ion:284 Resp: 169135
Ion Ratio Lower Upper
284 100
142 35.5 34.6 52.0
249 30.2 24.8 37.2



#68
Atrazine
Concen: 34.60 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:200 Resp: 127515
Ion Ratio Lower Upper
200 100
173 31.9 8.6 48.6
215 46.1 25.1 65.1

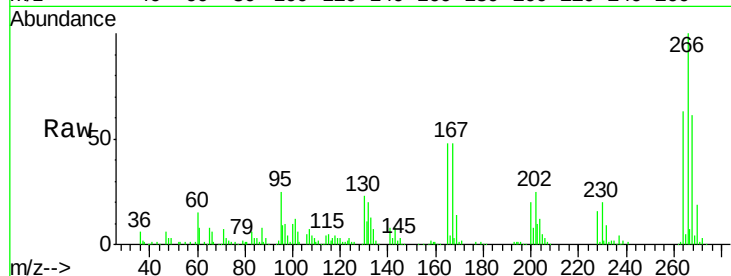




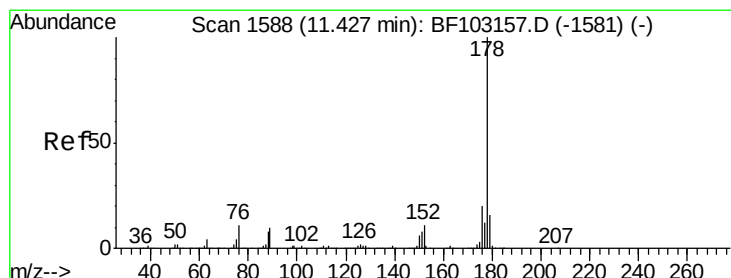
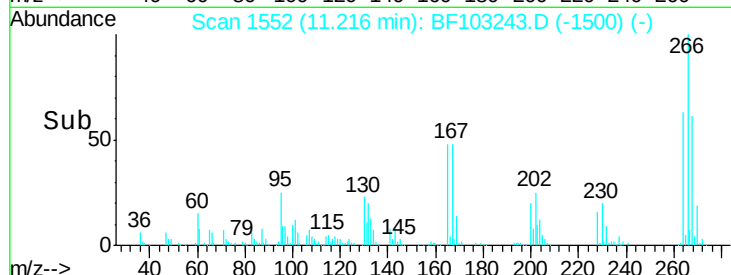
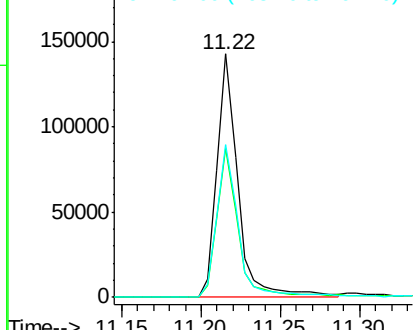
#69
 Pentachlorophenol
 Concen: 68.55 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 131949
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.1 76.7
 264 63.0 49.5 74.3

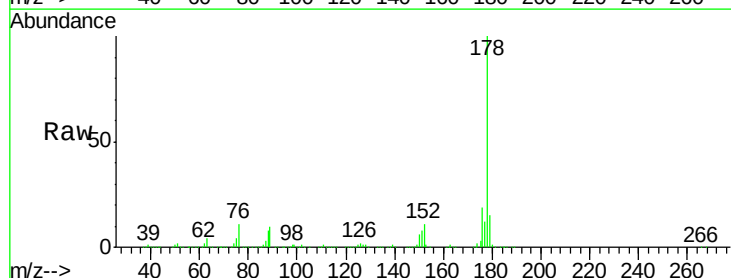


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

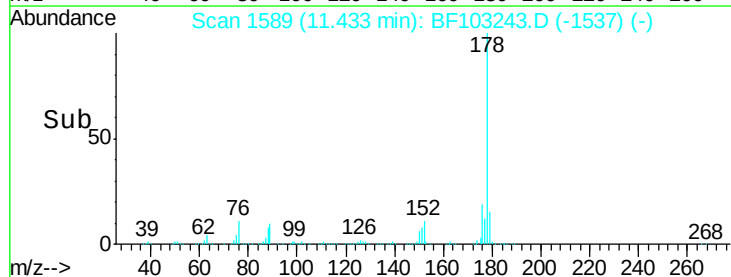
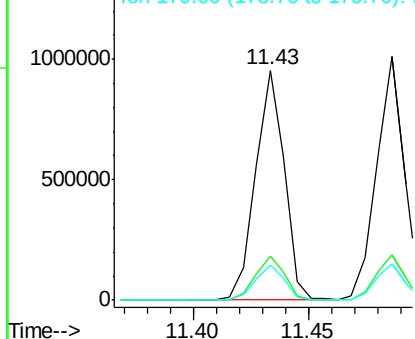


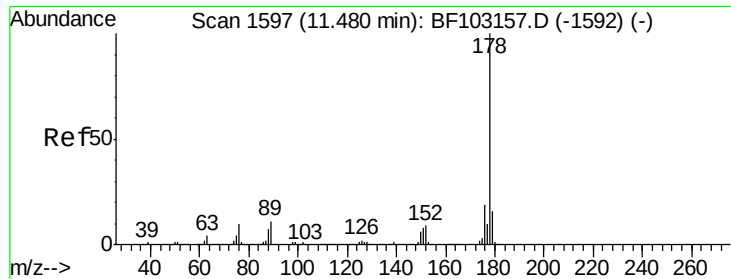
#70
 Phenanthrene
 Concen: 42.96 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion:178 Resp: 832436
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

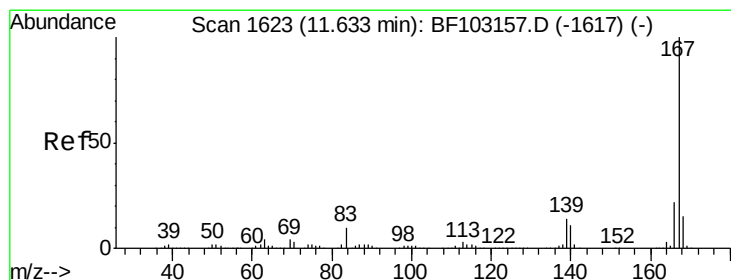
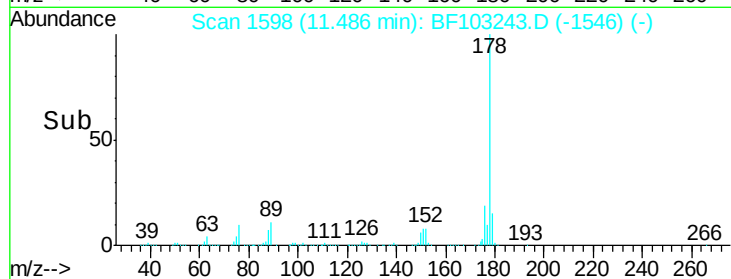
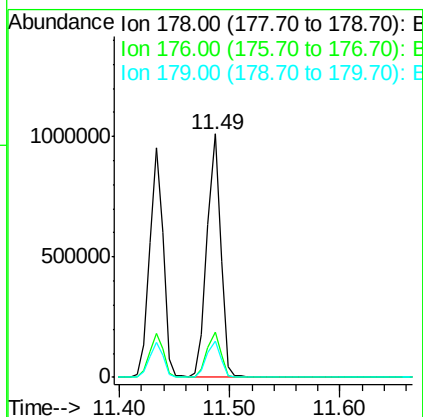
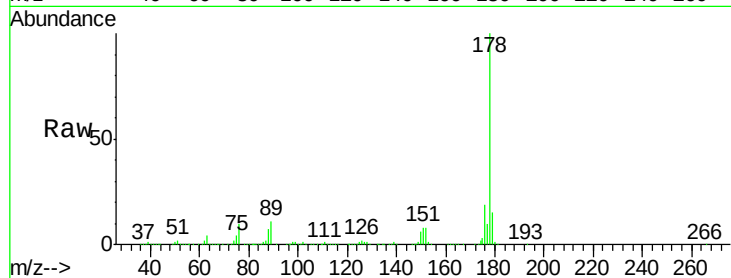




#71
 Anthracene
 Concen: 42.61 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

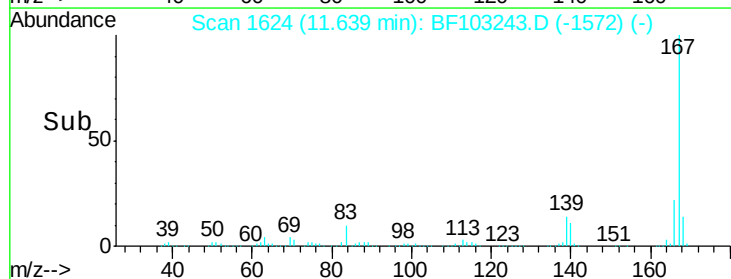
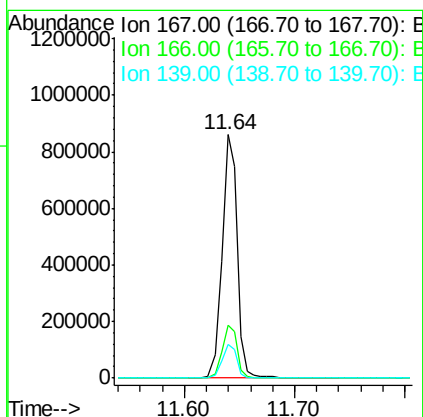
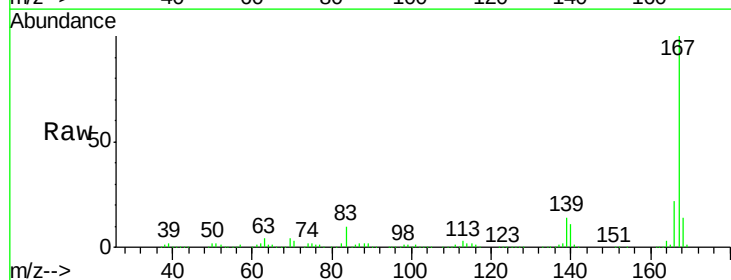
Instrument :
 BNA_F
 ClientSampled :

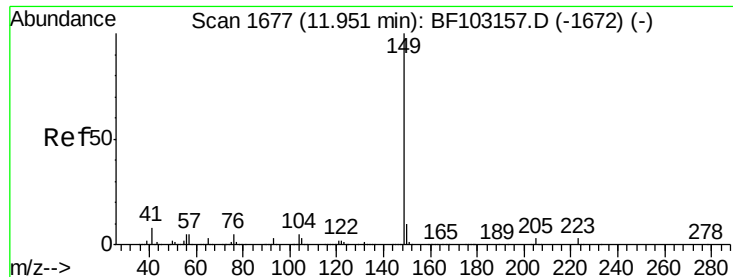
Tot Ion:178 Resp: 846756
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 41.40 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion:167 Resp: 819131
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.70 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

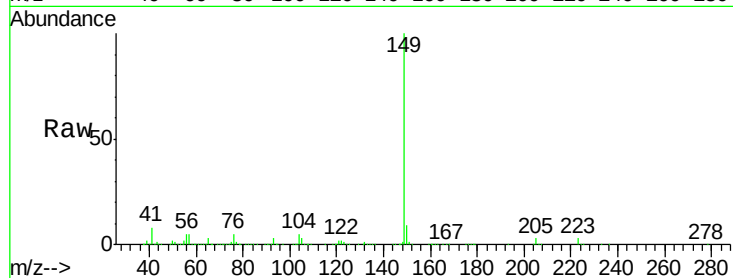
Tot Ion:149 Resp: 1106661

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

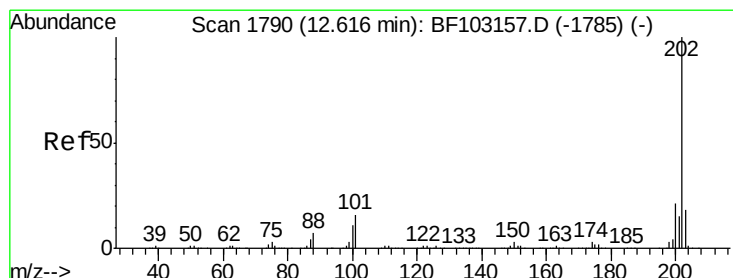
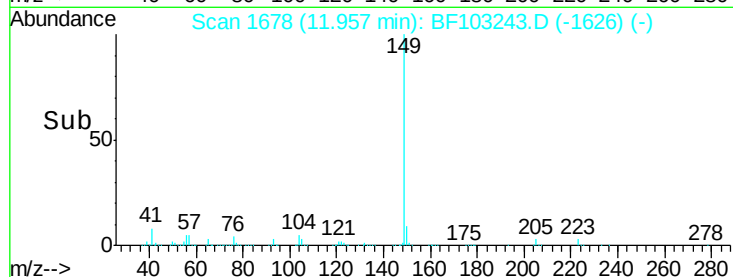
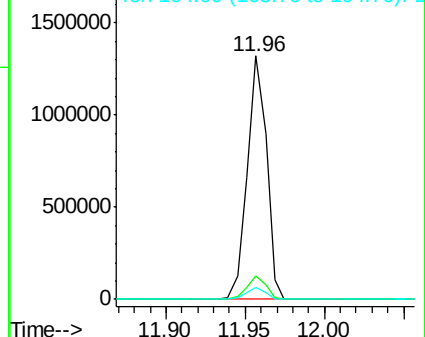
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.17 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

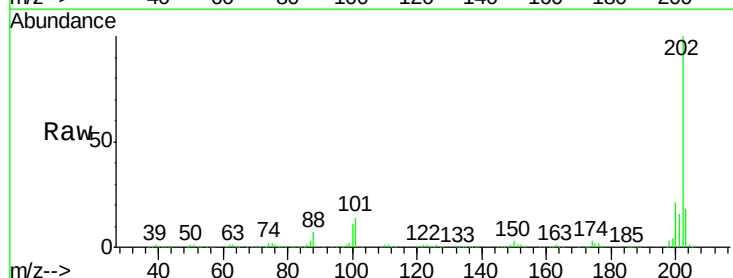
Tgt Ion:202 Resp: 801732

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

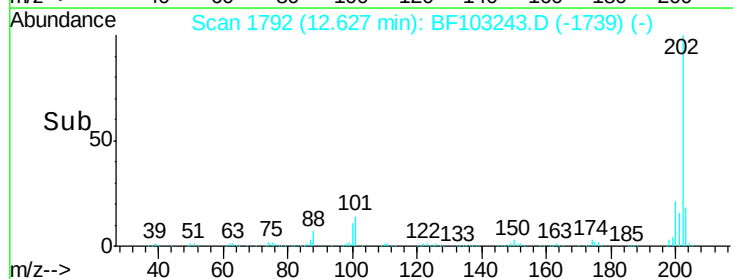
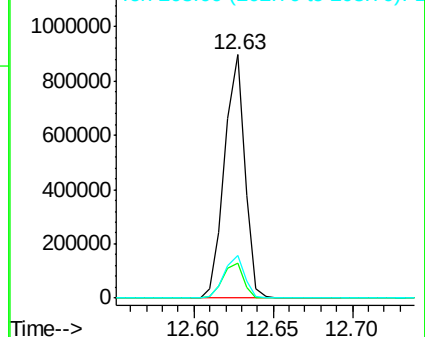
203 17.6 0.0 38.1

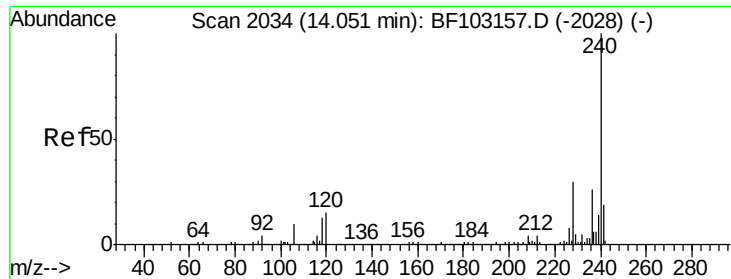


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

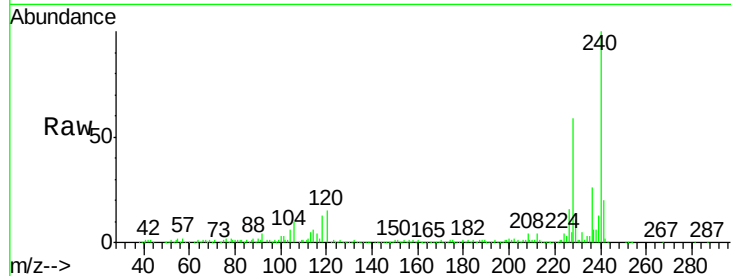
Tot Ion:240 Resp: 218265

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

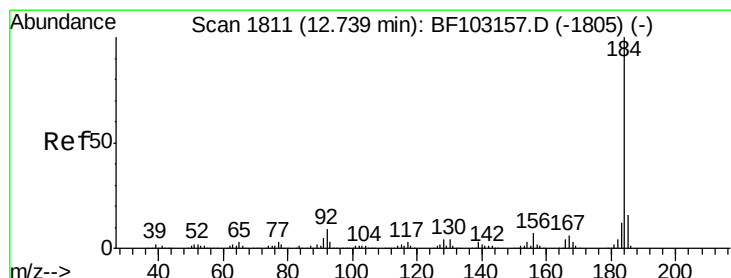
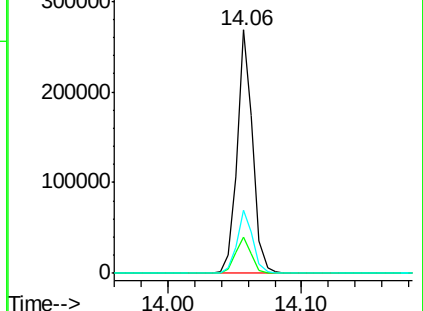
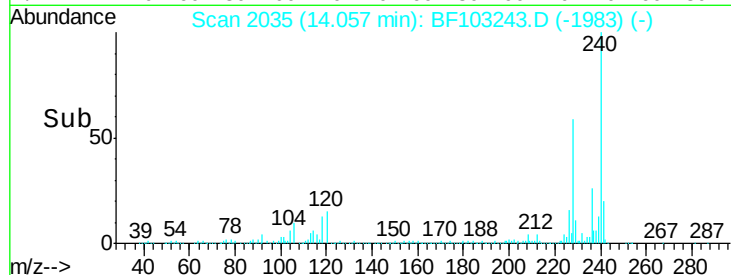
236 25.9 20.7 31.1



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



#76

Benzidine

Concen: 71.05 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

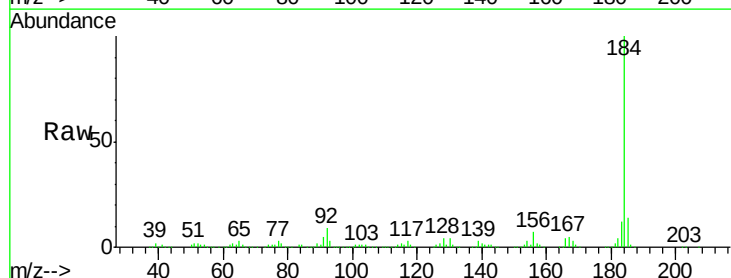
Tgt Ion:184 Resp: 579731

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

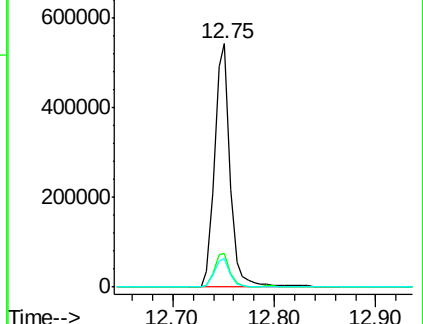
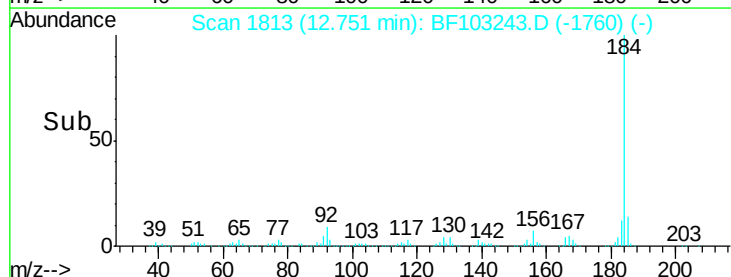
183 11.8 9.3 13.9

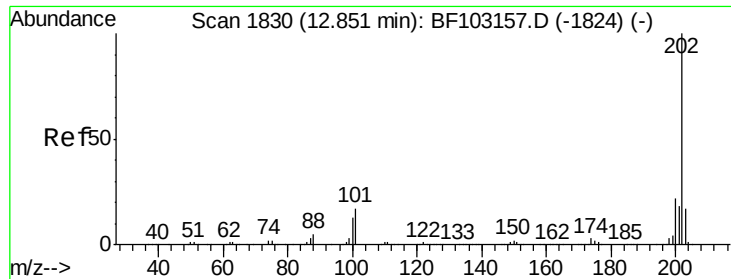


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

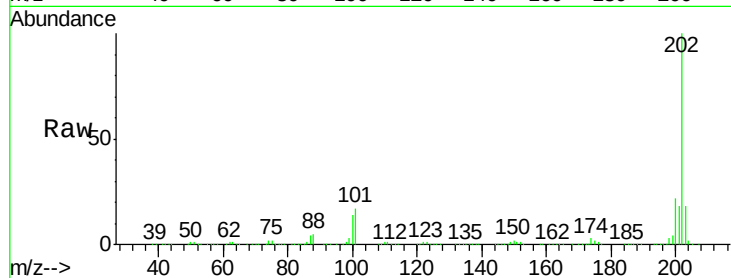




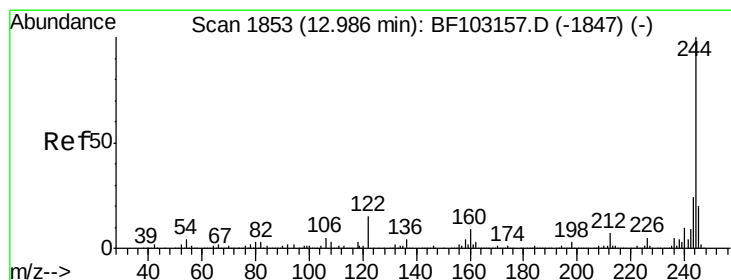
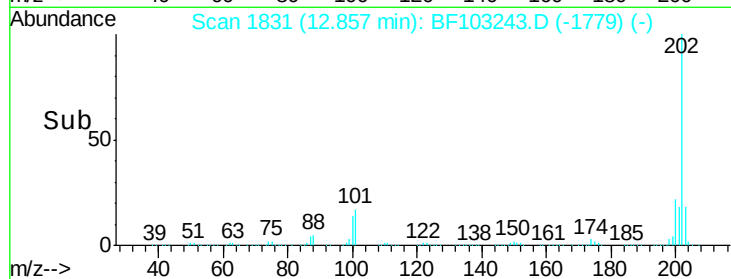
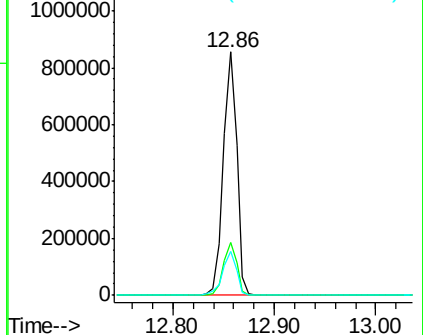
#77
 Pvrene
 Concen: 46.70 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5

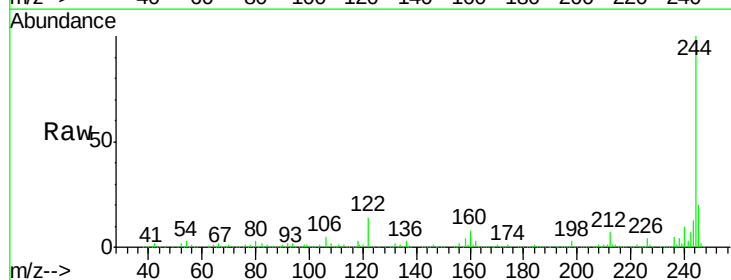


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

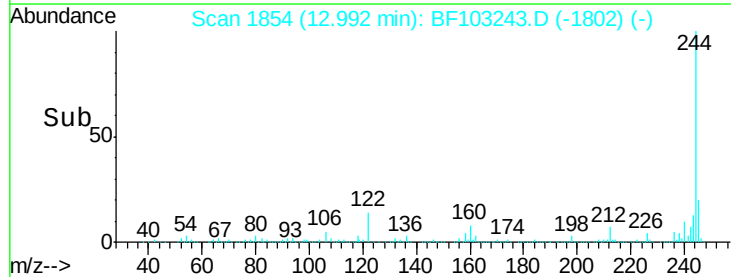
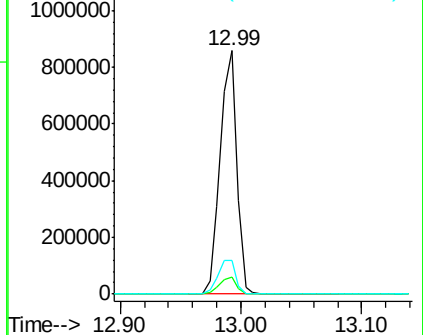


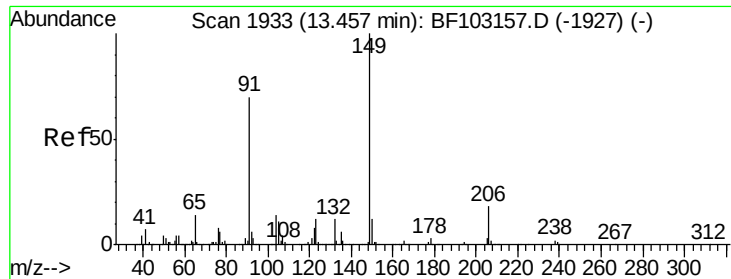
#78
 Terphenyl-d14
 Concen: 89.57 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.9	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

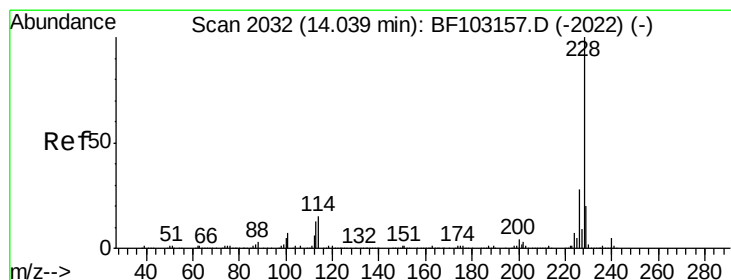
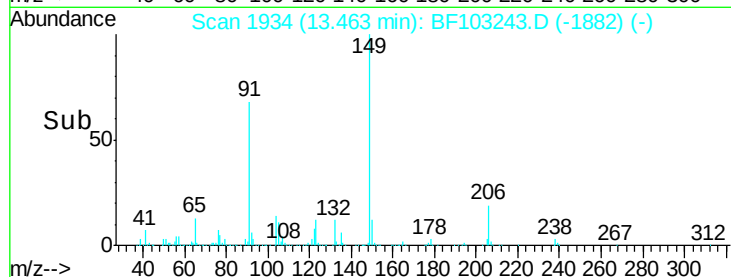
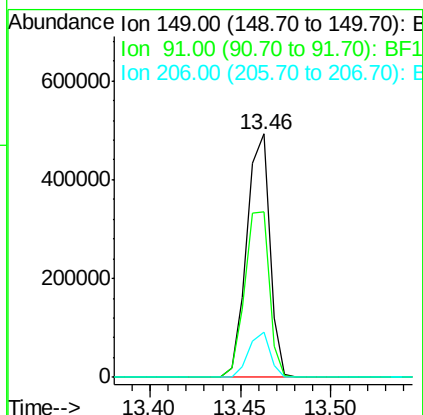
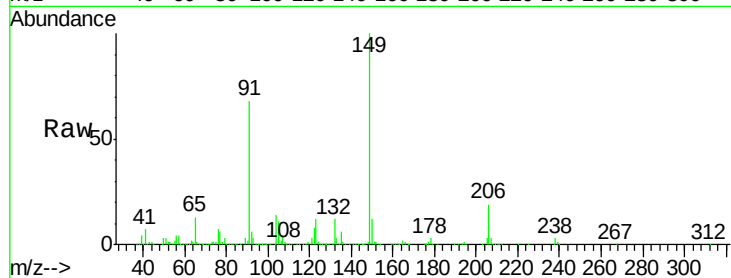




#79
Butylbenzylphthalate
Concen: 48.49 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

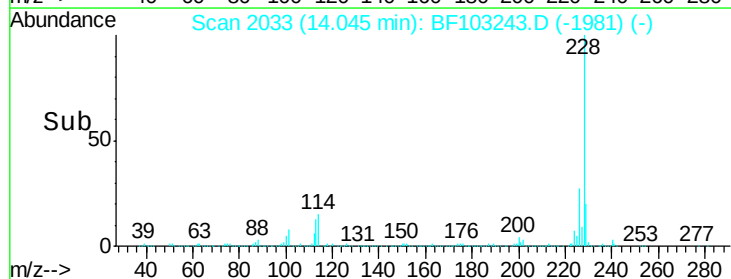
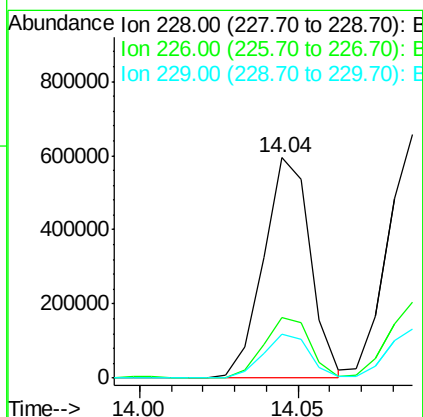
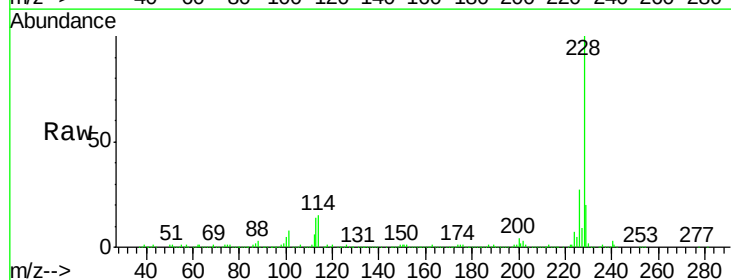
Instrument :
BNA_F
ClientSampleId :

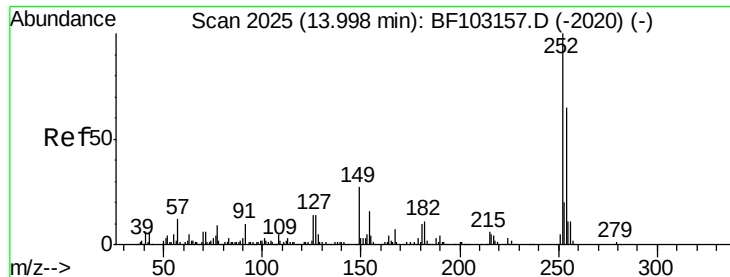
Tot Ion:149 Resp: 435938
Ion Ratio Lower Upper
149 100
91 68.1 56.8 85.2
206 18.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.03 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:228 Resp: 609344
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.1 15.8 23.6

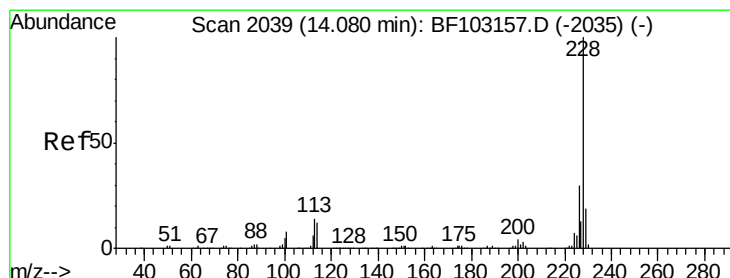
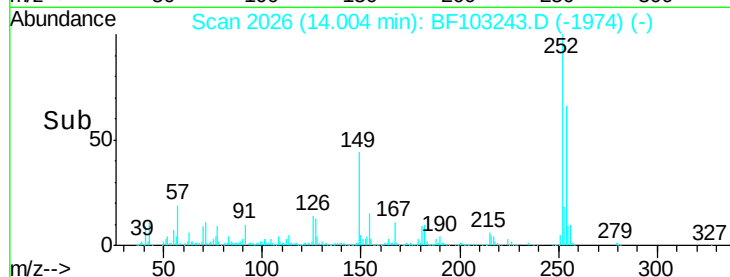
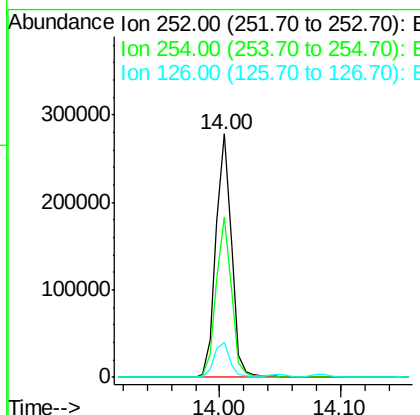
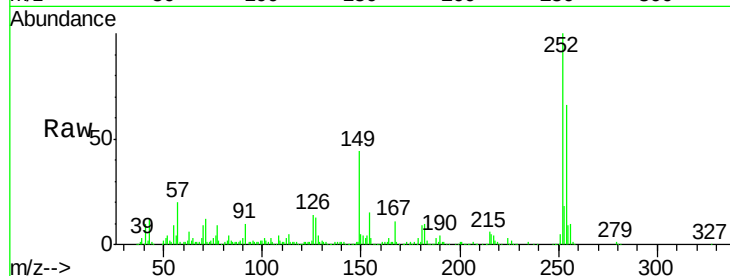




#81
 3,3'-Dichlorobenzidine
 Concen: 48.92 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

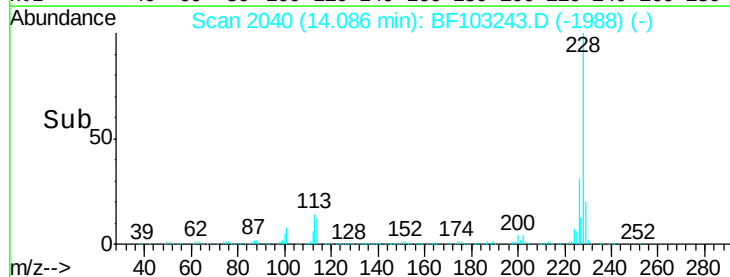
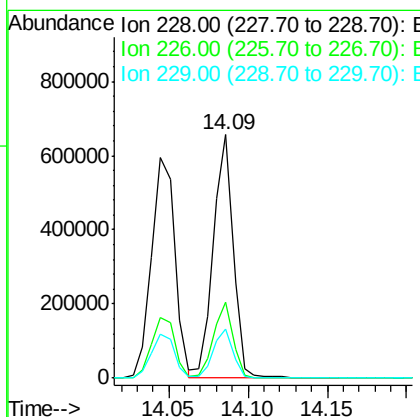
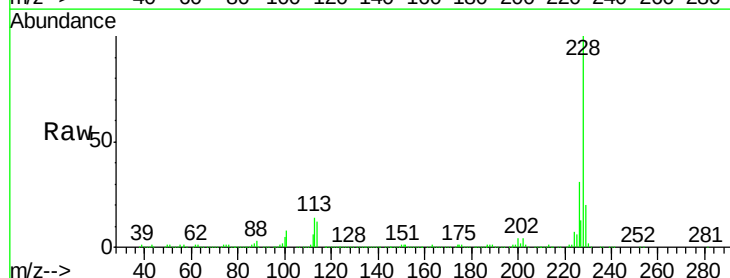
Instrument :
 BNA_F
 ClientSampleId :

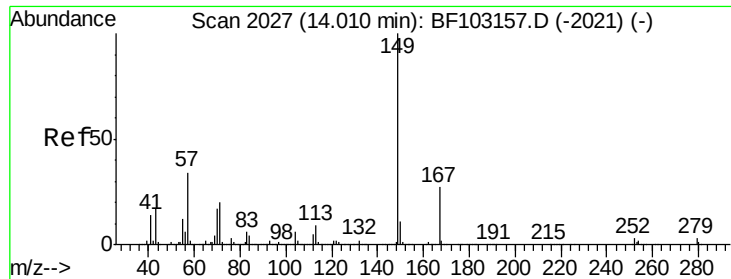
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	14.3	11.3	16.9



#82
 Chrysene
 Concen: 41.88 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.9	16.2	24.4

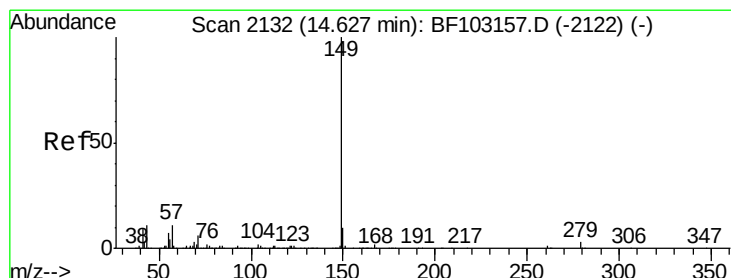
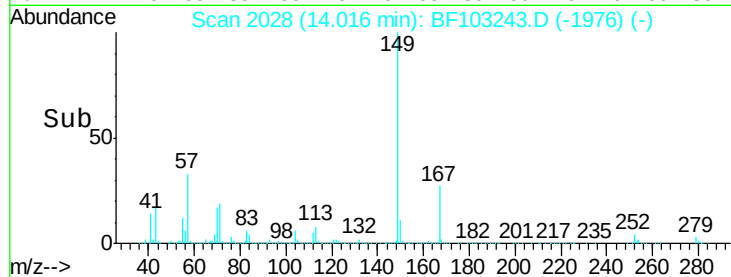
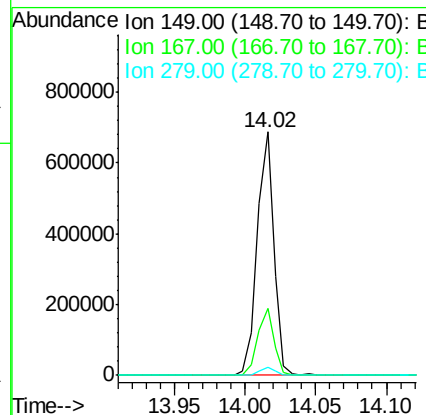
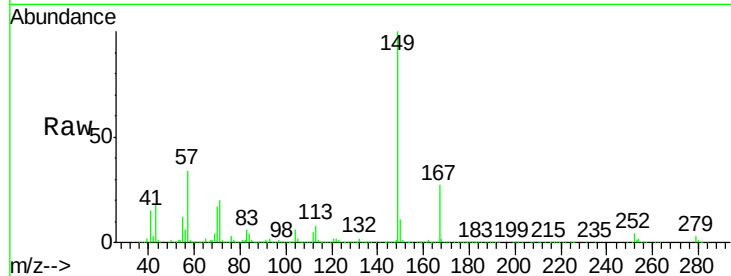




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.18 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

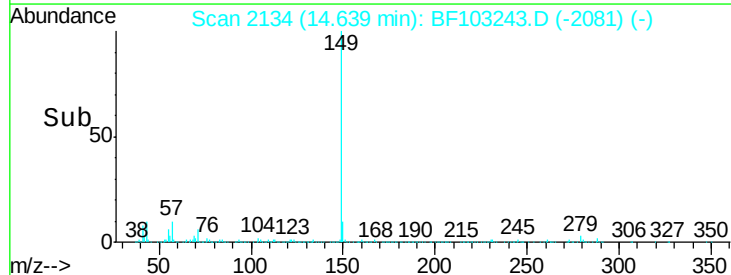
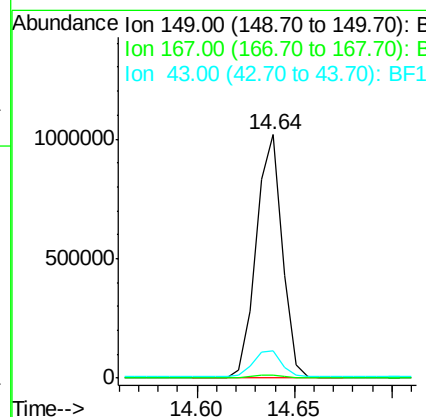
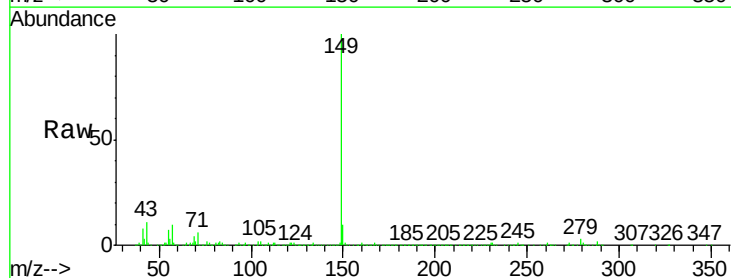
Instrument :
 BNA_F
 ClientSampled :

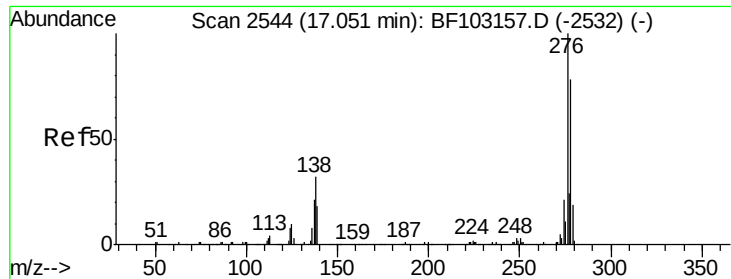
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 47.72 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.5	8.4	12.6

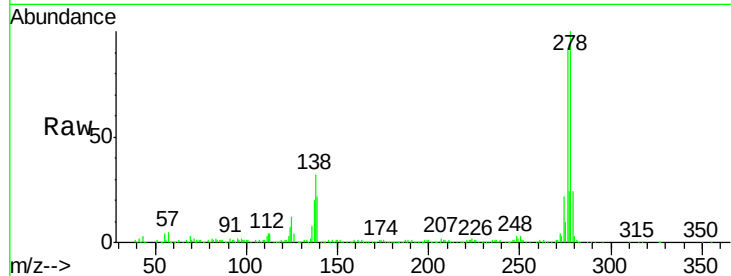




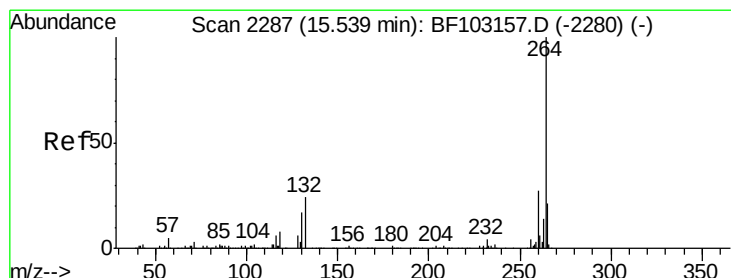
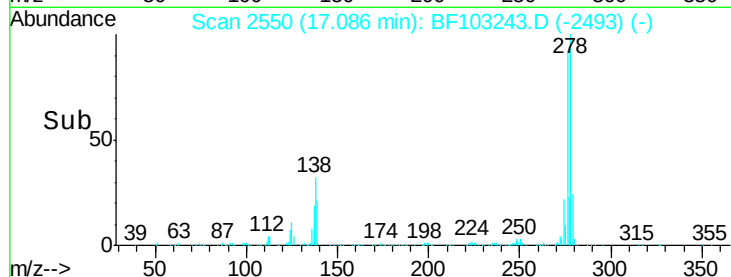
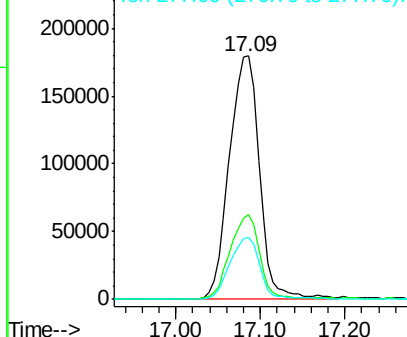
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.73 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.04 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 443378
Ion Ratio Lower Upper
276 100
138 33.1 25.0 37.6
277 25.7 20.1 30.1

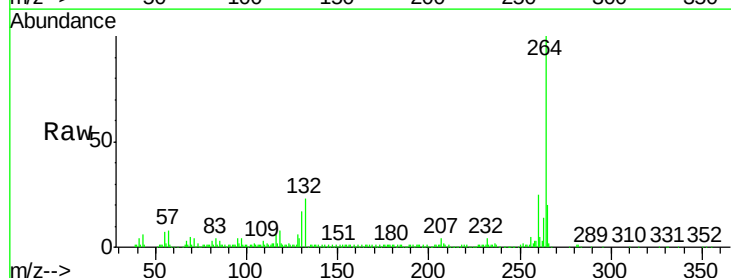


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

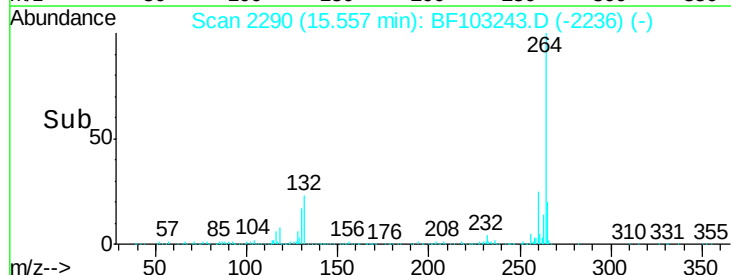
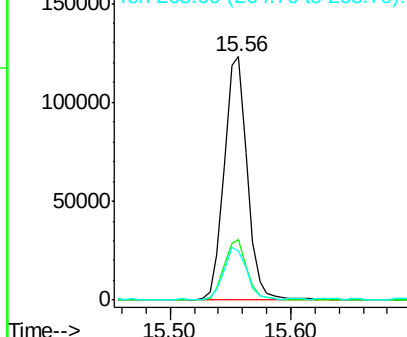


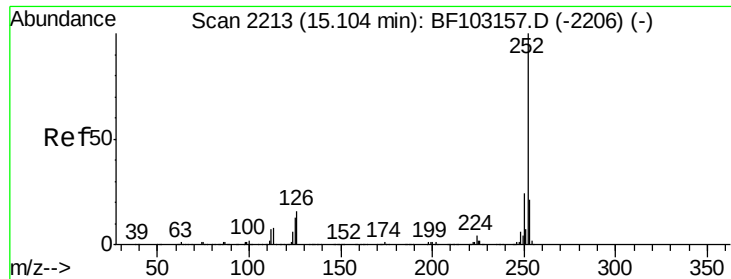
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:264 Resp: 163208
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 20.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

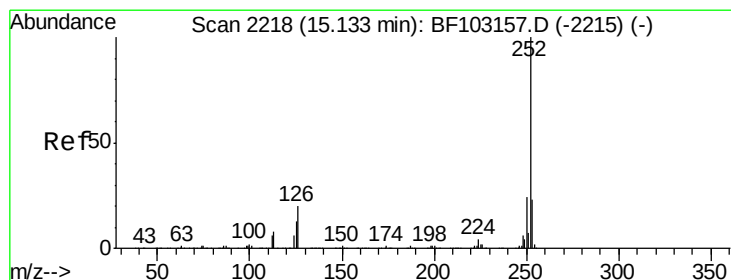
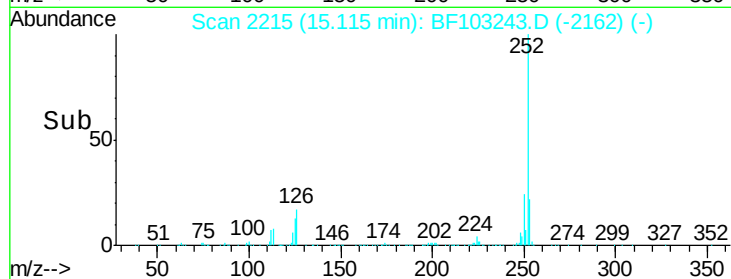
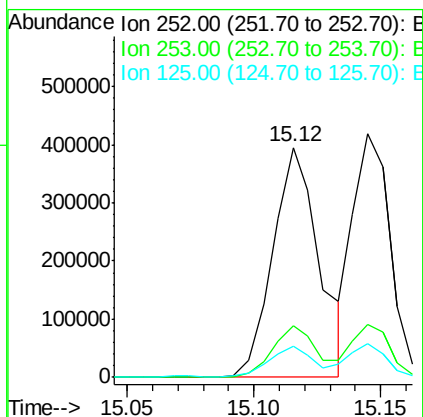
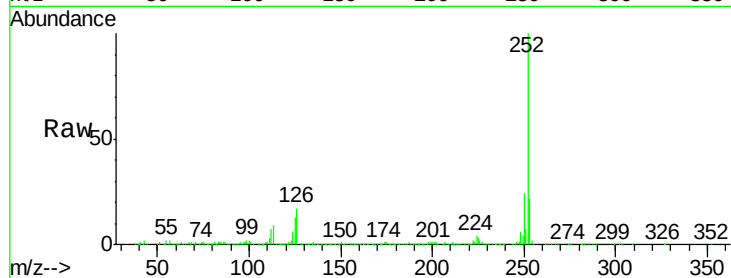




#87
Benzo(b)fluoranthene
Concen: 47.16 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

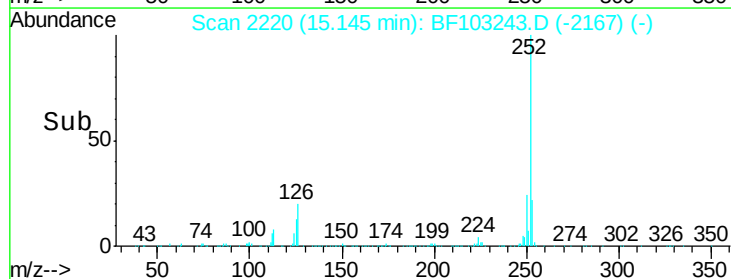
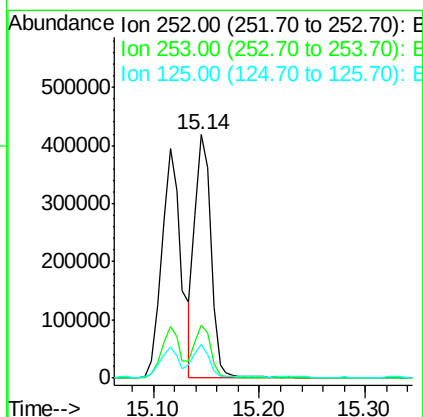
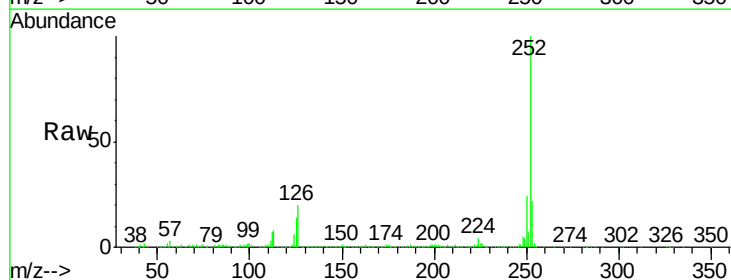
Instrument :
BNA_F
ClientSampled :

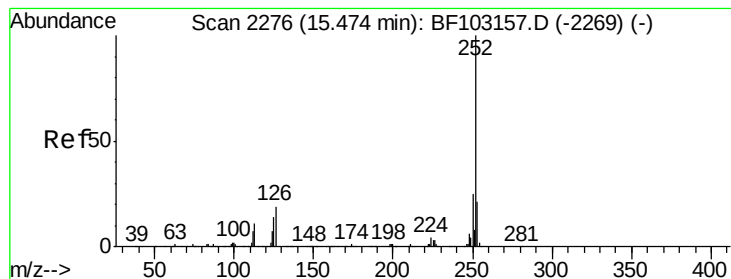
Tot Ion:252 Resp: 506071
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.37 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion:252 Resp: 438255
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 13.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 44.95 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

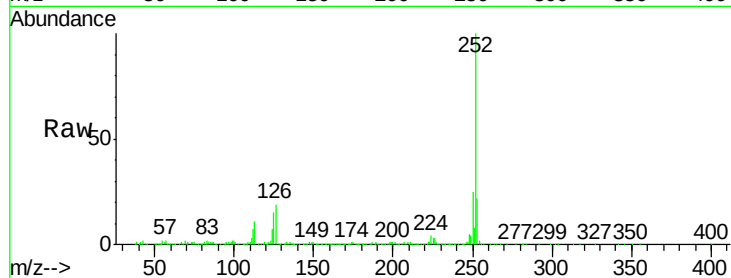
Tot Ion:252 Resp: 430704

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

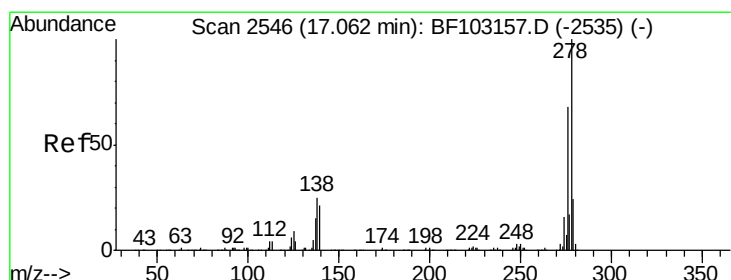
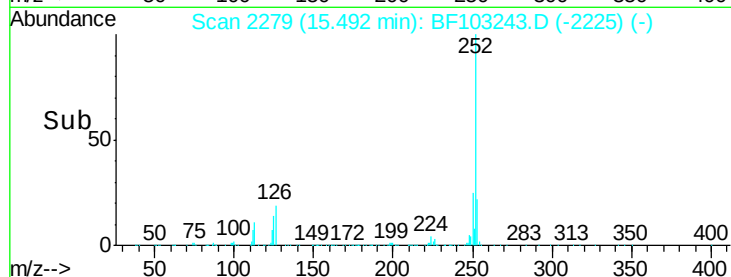
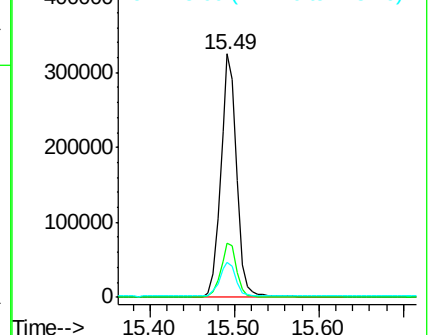
125 14.6 9.8 14.6



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

Dibenzo(a,h)anthracene

Concen: 50.62 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.03 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

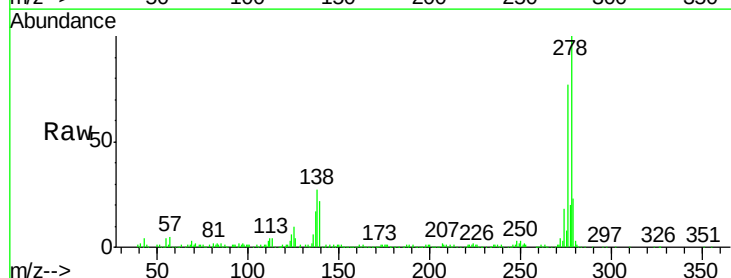
Tgt Ion:278 Resp: 374791

Ion Ratio Lower Upper

278 100

139 22.0 15.9 23.9

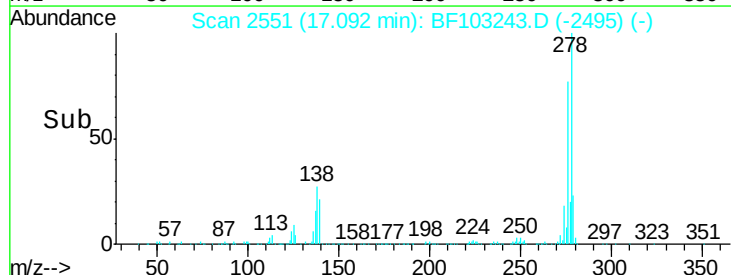
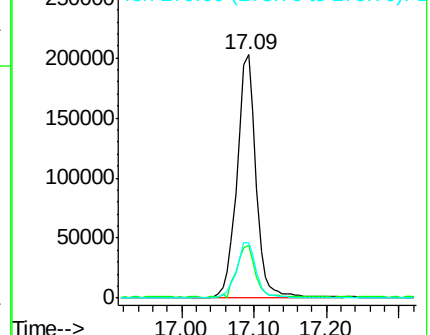
279 22.8 19.0 28.4

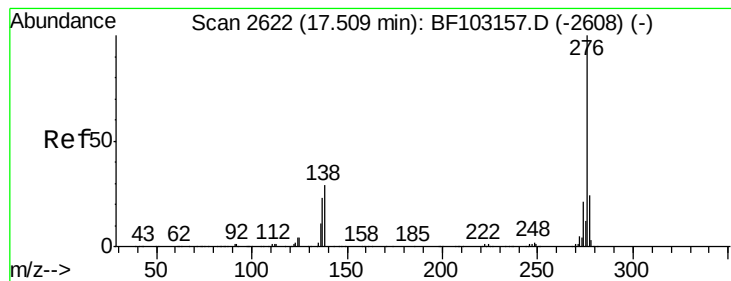


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.06 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.04 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

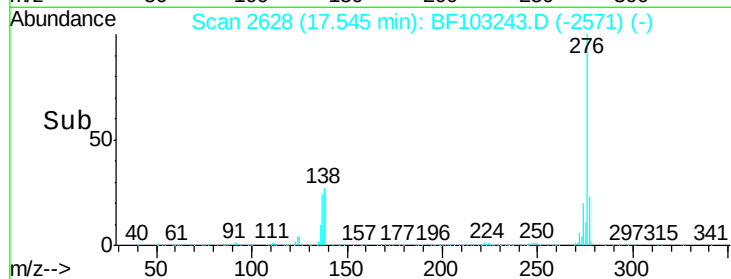
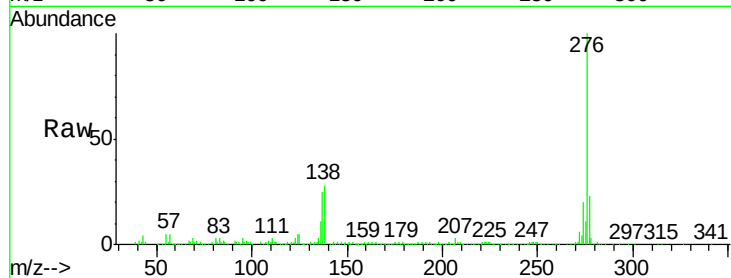
Tot Ion: 276 Resp: 369536

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 27.6 21.8 32.8



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

