

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103262.D
 Acq On : 27 Feb 2018 14:55
 Operator : SJ/JU
 Sample : J1702-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 16:54:15 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	144408	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	609687	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	267908	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	425177	20.00	ng	0.00
75) Chrysene-d12	14.06	240	245765	20.00	ng	0.00
86) Perylene-d12	15.56	264	264689	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1131551	118.51	ng	0.02
7) Phenol-d6	6.52	99	1368232	117.11	ng	0.01
23) Nitrobenzene-d5	7.44	82	901118	84.41	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	252000	111.13	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1330988	85.75	ng	0.00
78) Terphenyl-d14	12.99	244	971000	94.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	183152	36.318	ng	90
3) Pyridine	3.48	79	503318	37.385	ng	95
4) n-Nitrosodimethylamine	3.42	42	254359	46.846	ng	99
6) Aniline	6.54	93	540635	32.063	ng	95
8) 2-Chlorophenol	6.66	128	431590	43.512	ng	95
9) Benzaldehyde	6.43	77	215031	27.716	ng	100
10) Phenol	6.53	94	558180	41.154	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	448168	43.536	ng	91
12) 1,3-Dichlorobenzene	6.82	146	455422	40.178	ng	99
13) 1,4-Dichlorobenzene	6.89	146	459619	40.444	ng	100
14) 1,2-Dichlorobenzene	7.05	146	419909	40.072	ng	99
15) Benzyl Alcohol	7.02	79	371114	42.152	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	752138	42.548	ng	96
17) 2-Methylphenol	7.13	107	376929	41.816	ng	98
18) Hexachloroethane	7.38	117	166126	40.155	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	296457	40.770	ng	97
20) 3+4-Methylphenols	7.28	107	423309	38.525	ng	# 70
22) Acetophenone	7.29	105	566959	39.839	ng	# 89
24) Nitrobenzene	7.46	77	490356	41.717	ng	98
25) Isophorone	7.70	82	906878	43.130	ng	99
26) 2-Nitrophenol	7.77	139	253108	45.741	ng	97
27) 2,4-Dimethylphenol	7.81	122	394784	46.675	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	567477	45.904	ng	99
29) 2,4-Dichlorophenol	8.02	162	362934	44.819	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	351540	40.766	ng	100
31) Naphthalene	8.18	128	1219648	40.860	ng	100
32) Benzoic acid	7.81	122	394784	60.766	ng	# 14
33) 4-Chloroaniline	8.23	127	307189	23.849	ng	98
34) Hexachlorobutadiene	8.29	225	176333	39.268	ng	96
35) Caprolactam	8.60	113	88132	30.967	ng	# 84
36) 4-Chloro-3-methylphenol	8.72	107	407268	44.590	ng	98
37) 2-Methylnaphthalene	8.87	142	798684	41.402	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	301570	41.175	ng	98
40) Hexachlorocyclopentadiene	9.02	237	117391	49.305	ng	98

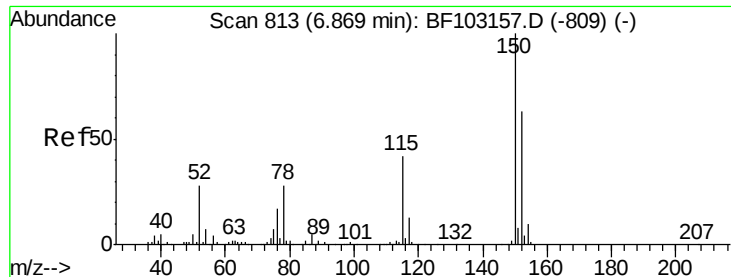
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	217640	44.162	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	233633	41.219	ng	99
45) 1,1'-Biphenyl	9.33	154	905279	40.325	ng	100
46) 2-Chloronaphthalene	9.36	162	724242	40.778	ng	99
47) 2-Nitroaniline	9.46	65	285406	43.383	ng	92
48) Acenaphthylene	9.78	152	1082336	39.608	ng	99
49) Dimethylphthalate	9.63	163	1015215	47.237	ng	99
50) 2,6-Dinitrotoluene	9.70	165	195267	43.295	ng	95
51) Acenaphthene	9.95	154	626721	39.332	ng	99
52) 3-Nitroaniline	9.87	138	183034	31.987	ng	98
53) 2,4-Dinitrophenol	9.99	184	56652	40.213	ng	# 18
54) Dibenzofuran	10.12	168	914176	41.793	ng	97
55) 4-Nitrophenol	10.05	139	270407	76.247	ng	94
56) 2,4-Dinitrotoluene	10.11	165	242522	42.517	ng	# 91
57) Fluorene	10.47	166	717296	38.495	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	165534	43.474	ng	98
59) Diethylphthalate	10.33	149	845673	41.141	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	325072	41.139	ng	99
61) 4-Nitroaniline	10.49	138	211349	36.979	ng	95
62) Azobenzene	10.62	77	844875	40.380	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	85209	34.489	ng	93
65) n-Nitrosodiphenylamine	10.57	169	660064	44.587	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	195302	44.095	ng	93
67) Hexachlorobenzene	11.02	284	195780	40.725	ng	96
68) Atrazine	11.10	200	200910	45.152	ng	98
69) Pentachlorophenol	11.22	266	161653	69.545	ng	98
70) Phenanthrene	11.43	178	983520	42.033	ng	99
71) Anthracene	11.49	178	991631	41.328	ng	100
72) Carbazole	11.64	167	910254	38.096	ng	99
73) Di-n-butylphthalate	11.96	149	1254254	41.950	ng	99
74) Fluoranthene	12.62	202	911810	38.779	ng	98
76) Benzidine	12.75	184	475263	51.727	ng	98
77) Pyrene	12.85	202	885081	46.191	ng	100
79) Butylbenzylphthalate	13.46	149	463309	45.765	ng	100
80) Benzo(a)anthracene	14.04	228	709279	44.480	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	225421	39.611	ng	97
82) Chrysene	14.08	228	657137	42.442	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	614384	44.972	ng	# 98
84) Di-n-octyl phthalate	14.64	149	1021615	46.284	ng	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	668204	54.513	ng	98
87) Benzo(b)fluoranthene	15.12	252	738862	42.456	ng	# 95
88) Benzo(k)fluoranthene	15.14	252	622891	38.009	ng	99
89) Benzo(a)pyrene	15.50	252	679250	43.707	ng	97
90) Dibenzo(a,h)anthracene	17.09	278	544272	45.323	ng	98
91) Benzo(g,h,i)perylene	17.55	276	547072	46.613	ng	98

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

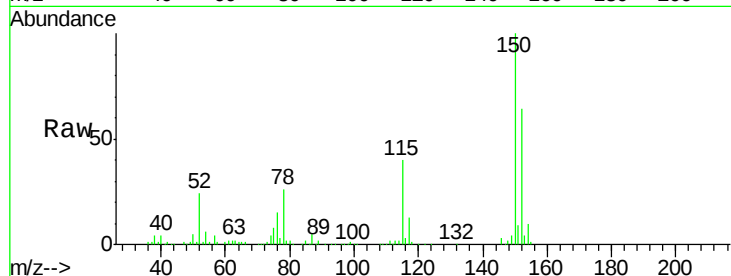


#1

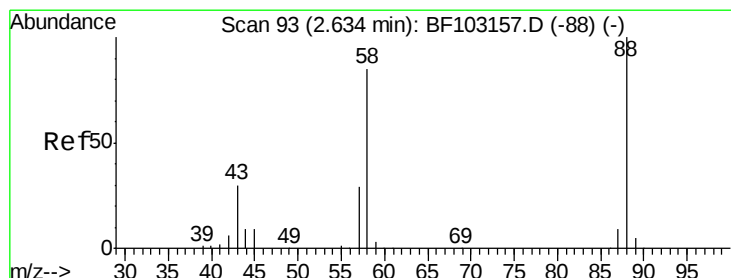
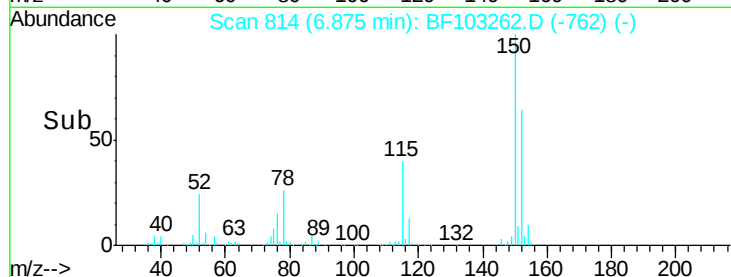
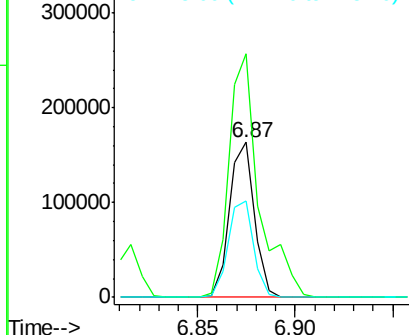
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144408
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 62.2 50.1 75.1



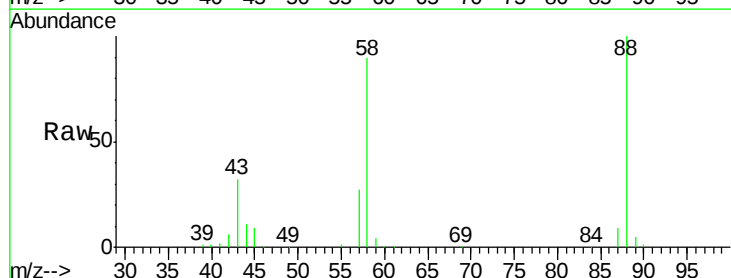
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



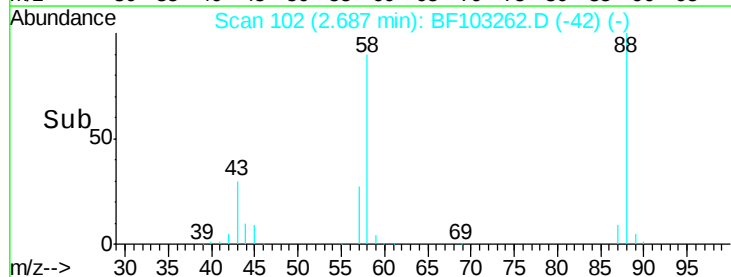
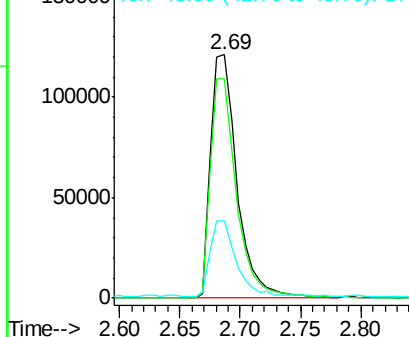
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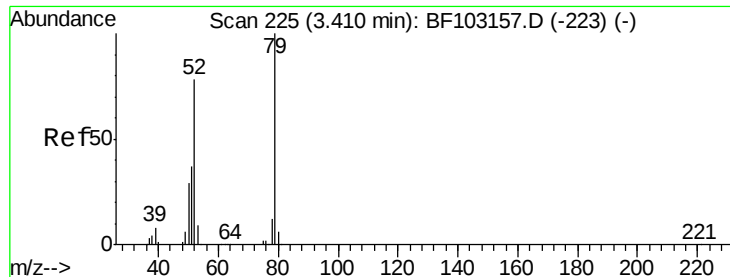
1,4-Dioxane
Concen: 36.318 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.05 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion: 88 Resp: 183152
Ion Ratio Lower Upper
88 100
58 89.8 62.6 93.8
43 30.9 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: 37.385 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

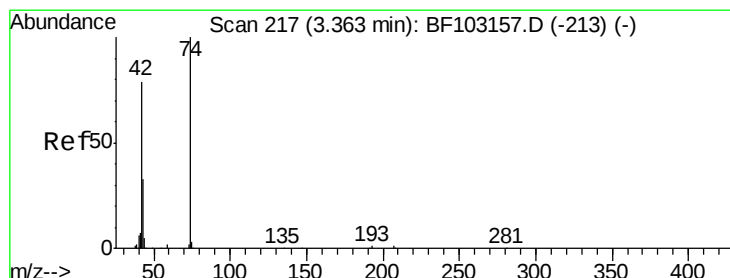
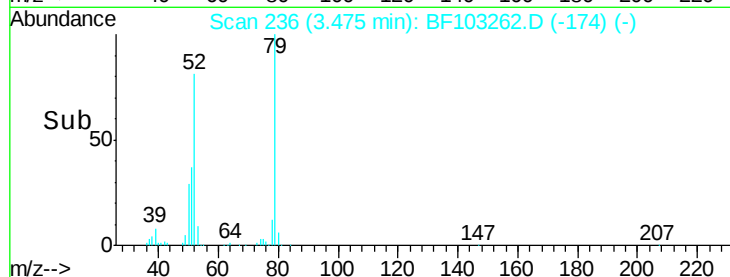
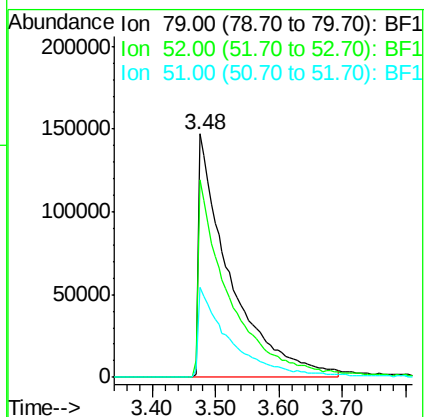
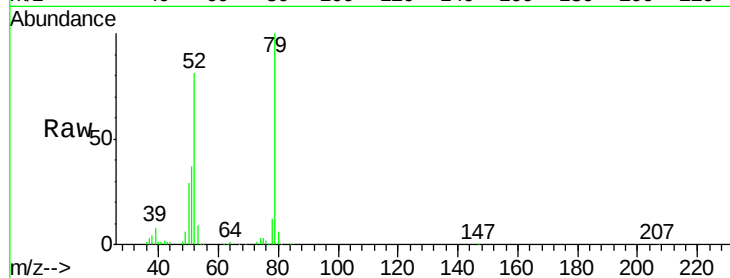
Tot Ion: 79 Resp: 503318

Ion Ratio Lower Upper

79 100

52 81.3 59.8 89.6

51 37.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 46.846 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

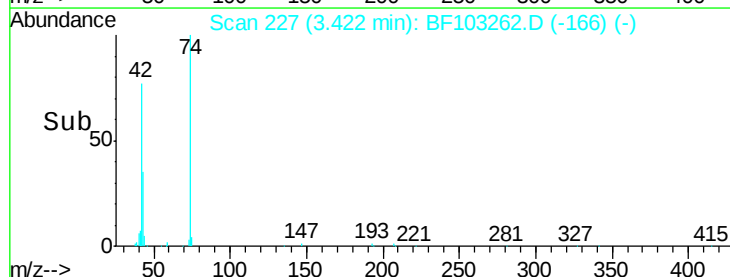
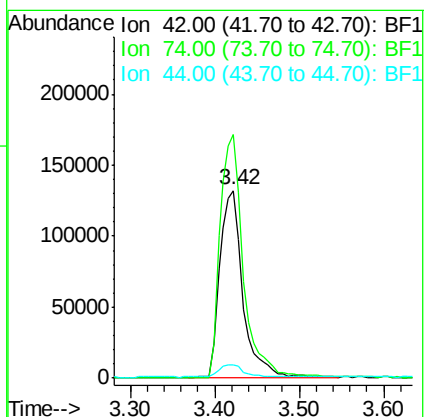
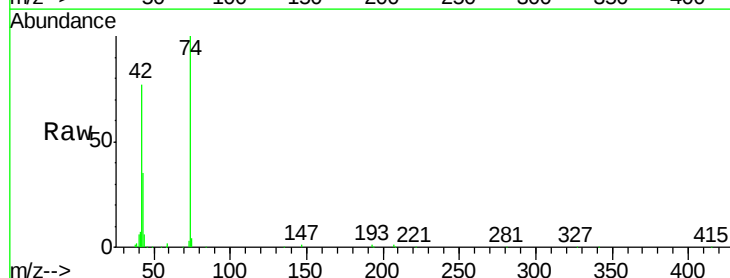
Tgt Ion: 42 Resp: 254359

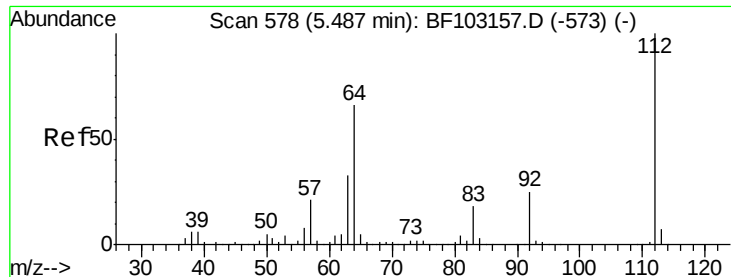
Ion Ratio Lower Upper

42 100

74 129.7 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 118.511 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

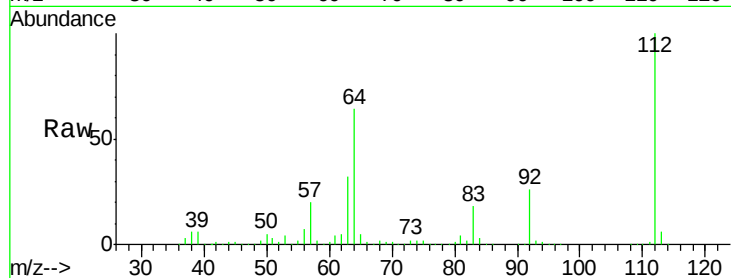
Tot Ion: 112 Resp: 1131551

Ion Ratio Lower Upper

112 100

64 63.9 47.9 71.9

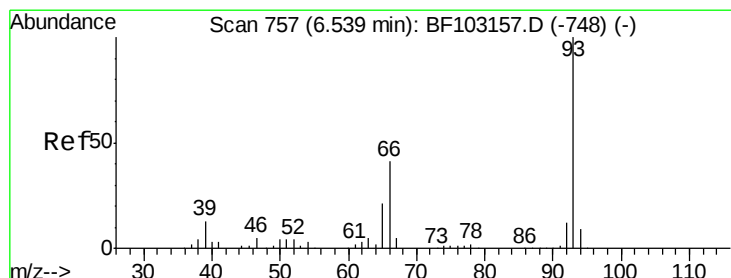
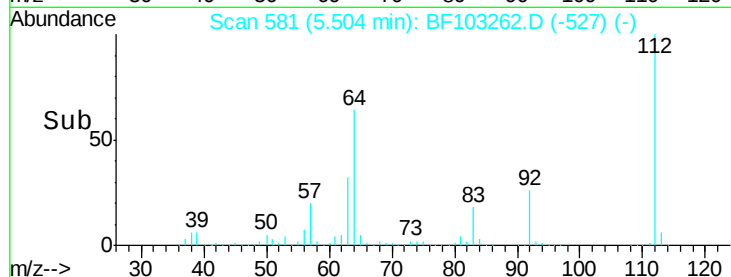
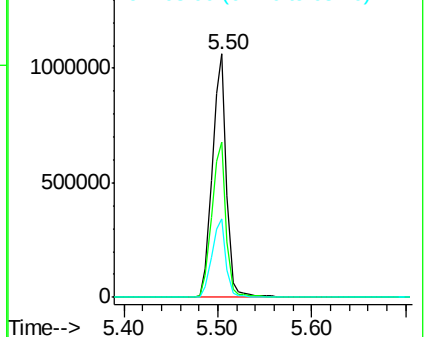
63 32.4 23.7 35.5



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: 32.063 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

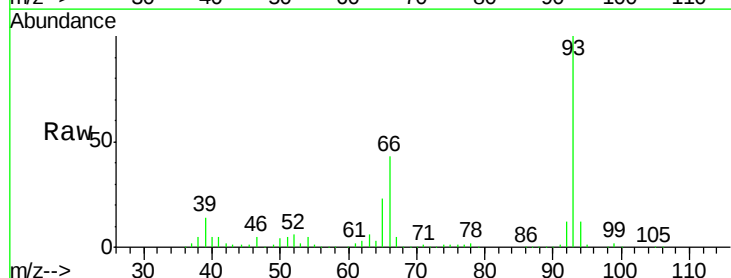
Tgt Ion: 93 Resp: 540635

Ion Ratio Lower Upper

93 100

66 43.3 32.2 48.2

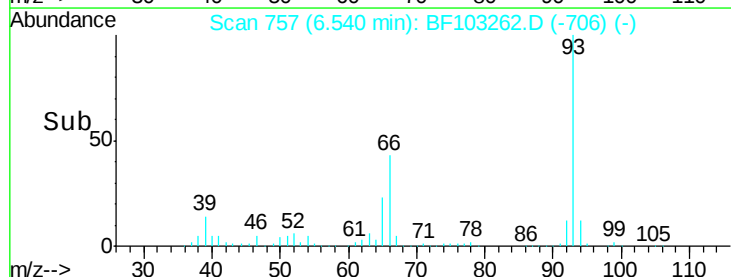
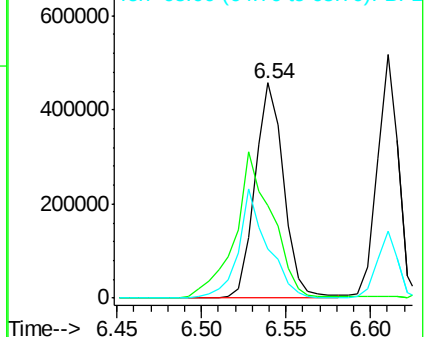
65 22.8 16.4 24.6

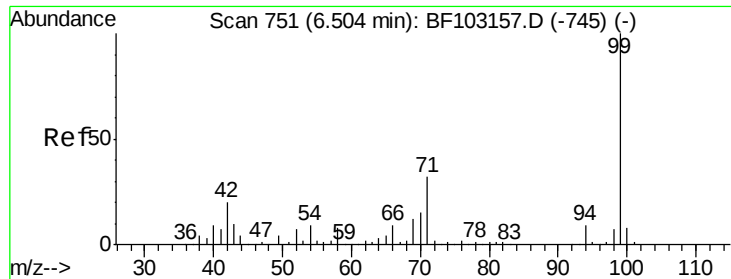


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.108 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

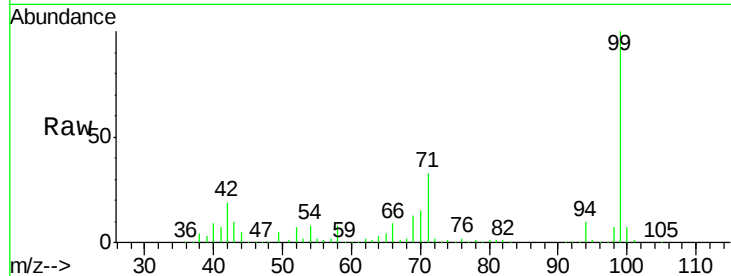
Tot Ion: 99 Resp: 1368232

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

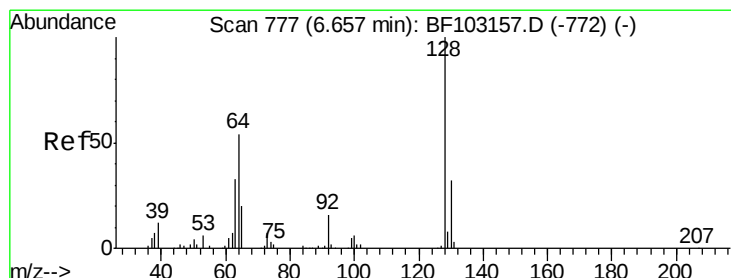
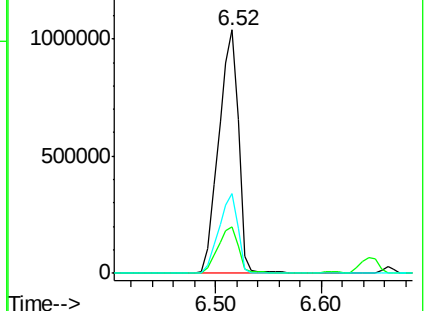
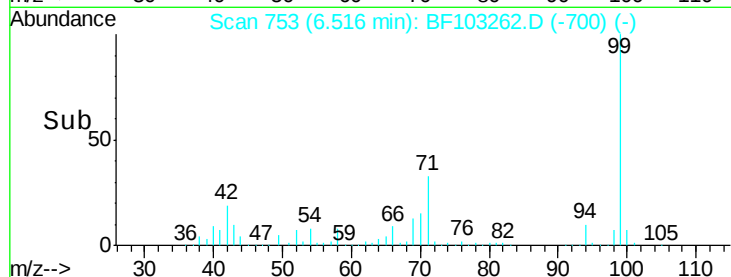
71 33.0 25.4 38.0



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: 43.512 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

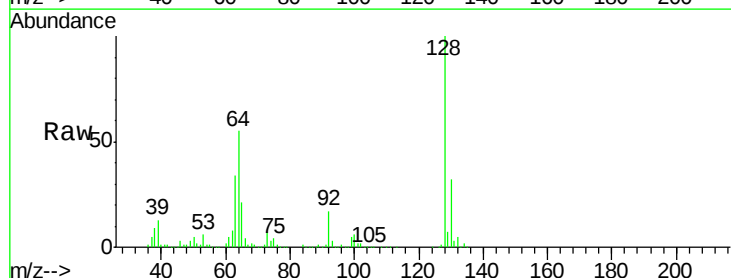
Tgt Ion: 128 Resp: 431590

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

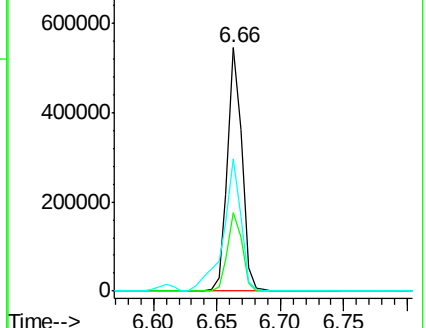
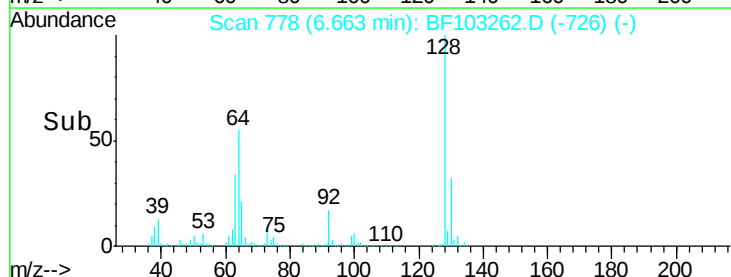
64 54.5 29.4 69.4

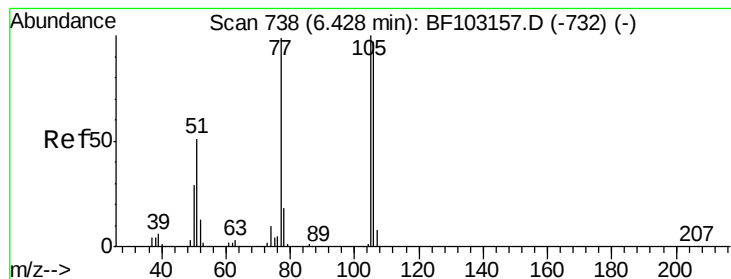


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.716 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

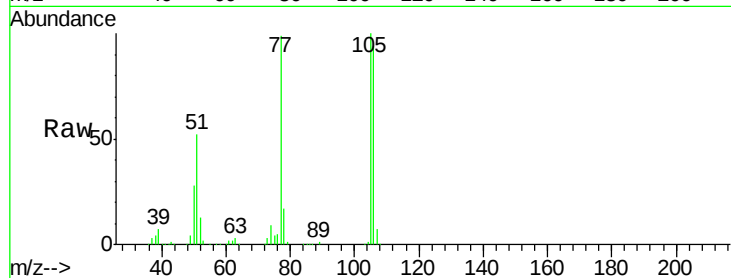
Tot Ion: 77 Resp: 215031

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

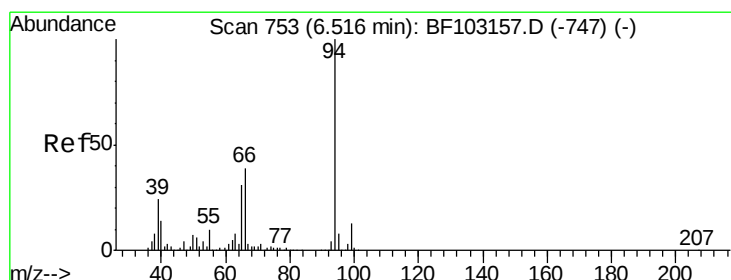
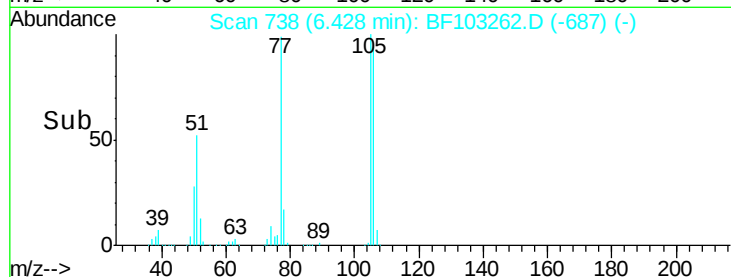
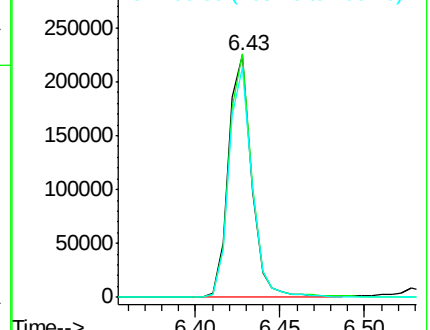
106 94.9 74.5 114.5



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: 41.154 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

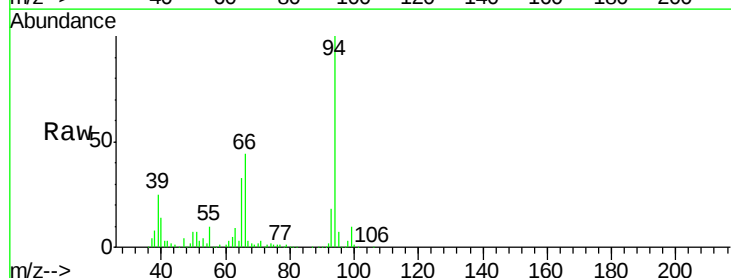
Tgt Ion: 94 Resp: 558180

Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

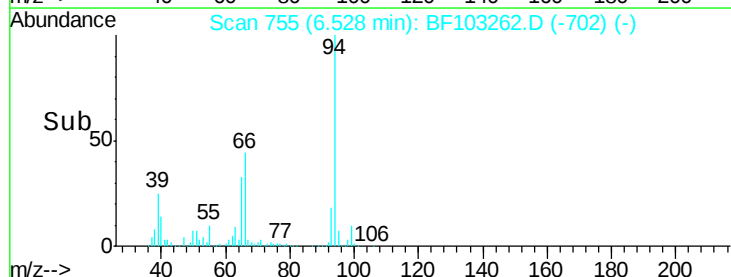
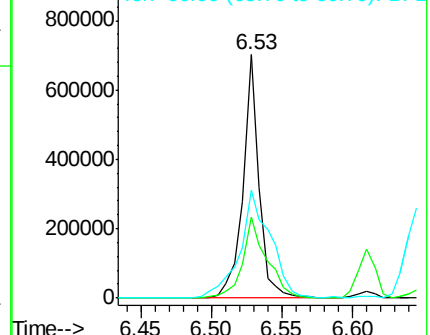
66 44.2 16.2 56.2

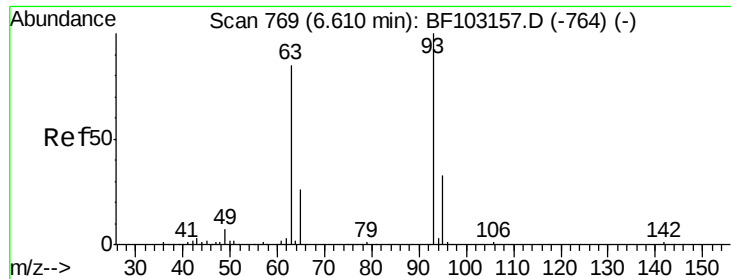


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

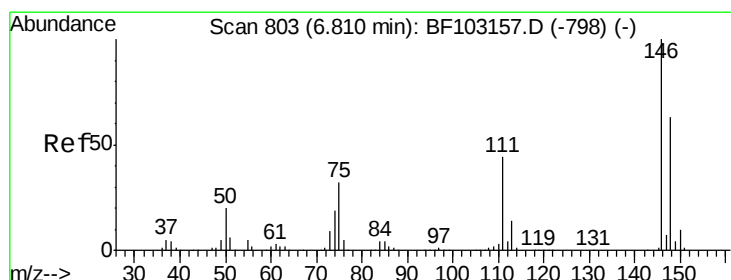
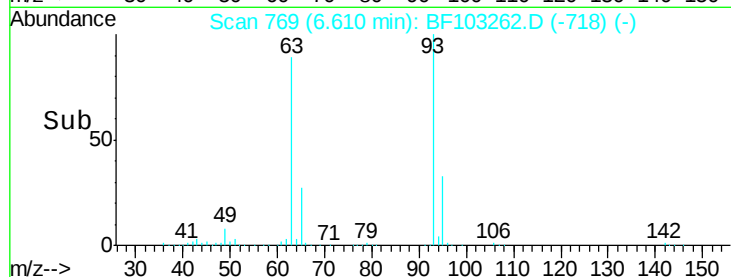
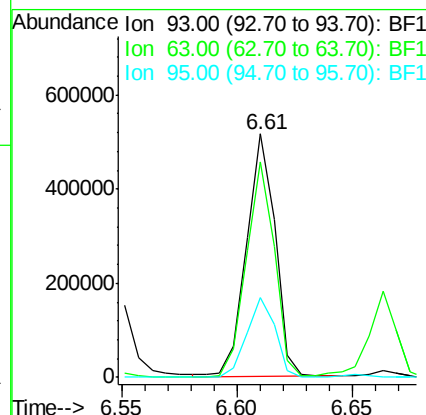
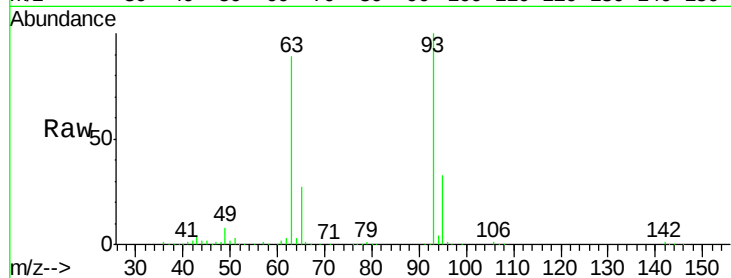




#11
bis(2-Chloroethyl)ether
Concen: 43.536 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

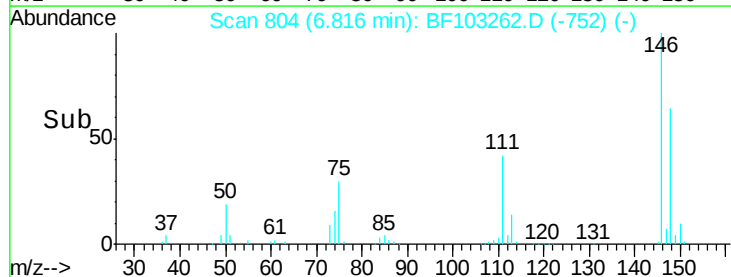
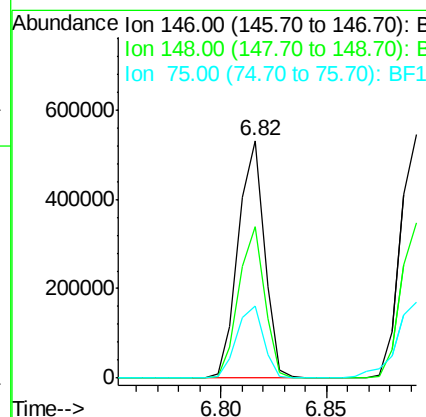
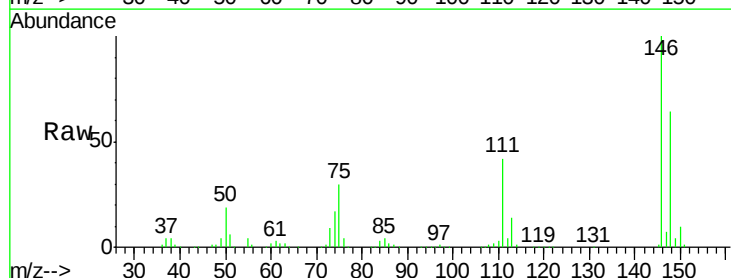
Instrument :
BNA_F
ClientSampleId :

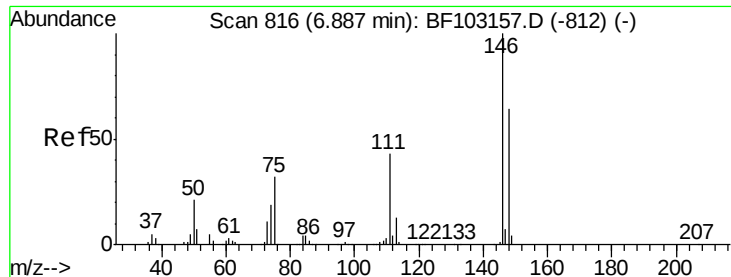
Tot Ion: 93 Resp: 448168
Ion Ratio Lower Upper
93 100
63 88.6 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.178 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion: 146 Resp: 455422
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 30.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.444 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

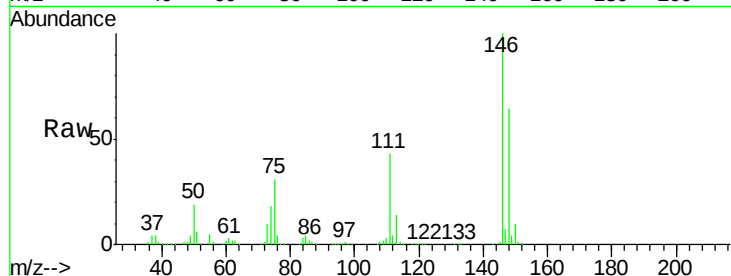
Tot Ion:146 Resp: 459619

Ion Ratio Lower Upper

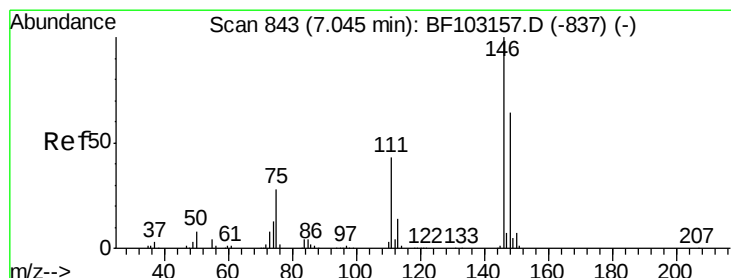
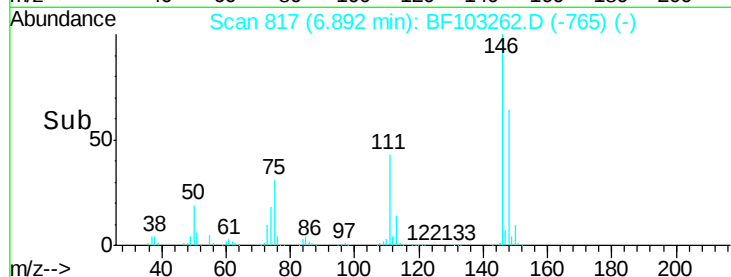
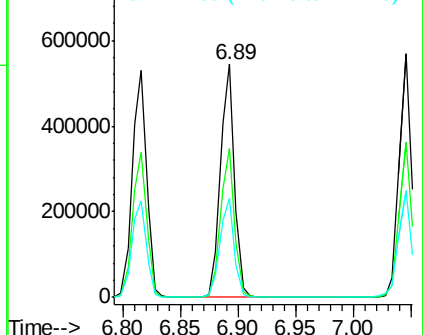
146 100

148 64.0 50.8 76.2

111 42.7 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: 40.072 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

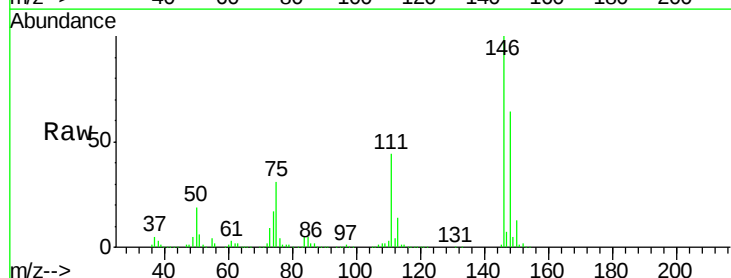
Tgt Ion:146 Resp: 419909

Ion Ratio Lower Upper

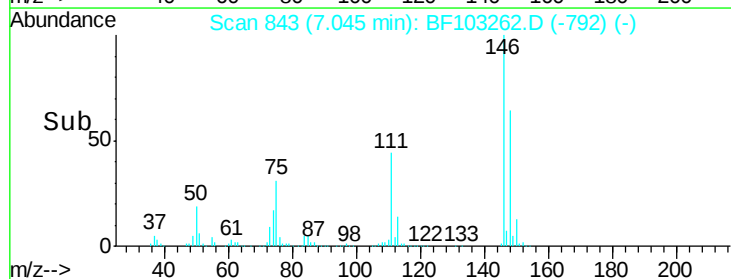
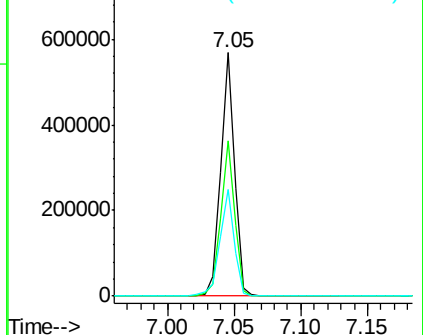
146 100

148 63.8 50.6 75.8

111 43.7 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: 42.152 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampled :

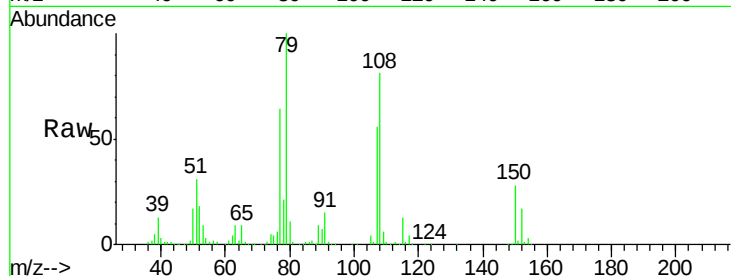
Tot Ion: 79 Resp: 371114

Ion Ratio Lower Upper

79 100

108 81.4 65.1 97.7

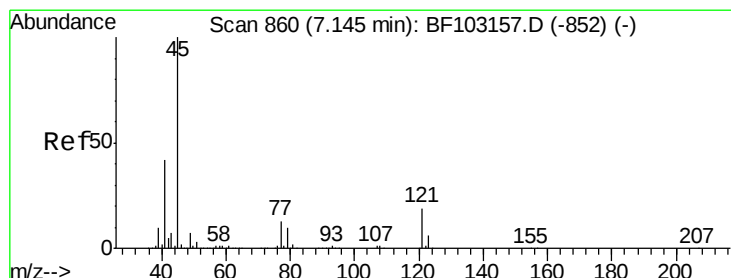
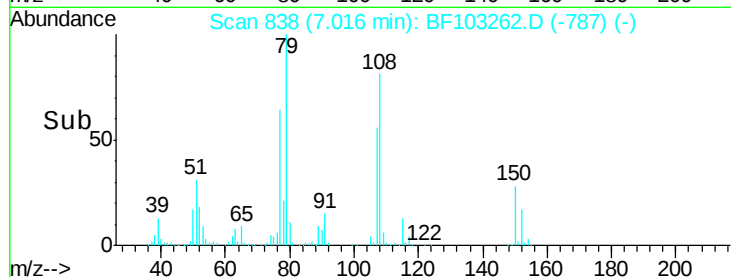
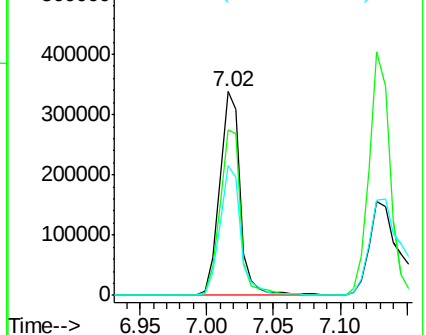
77 64.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.548 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

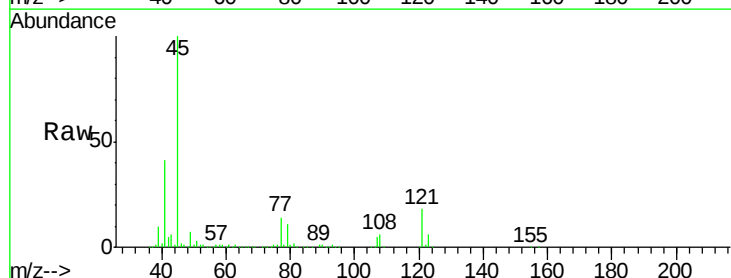
Tgt Ion: 45 Resp: 752138

Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.9

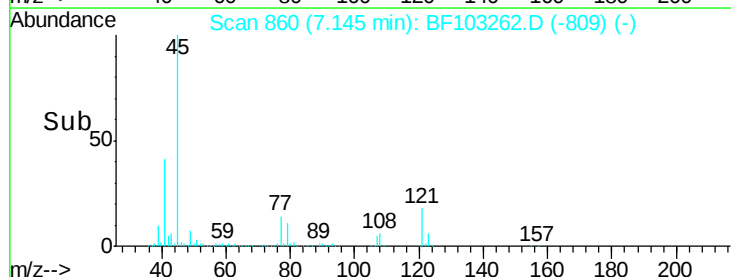
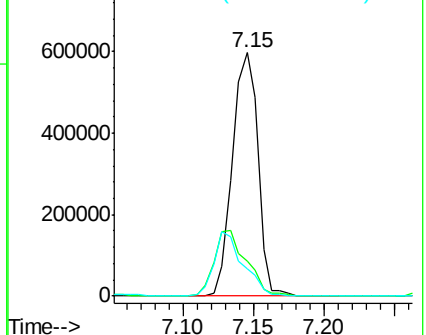
79 11.4 0.0 29.6

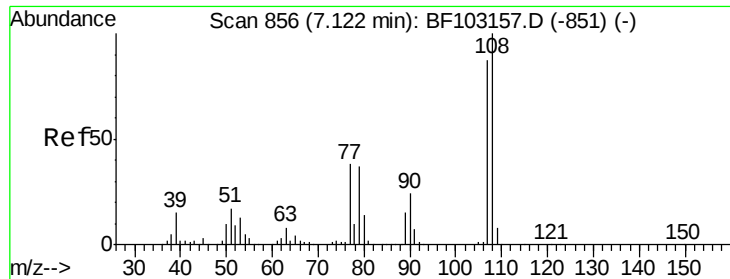


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.816 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 376929

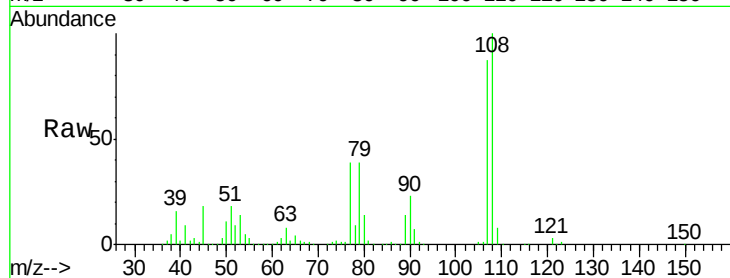
Ion Ratio Lower Upper

107 100

108 115.0 91.7 137.5

77 45.0 33.8 50.8

79 44.6 33.8 50.8

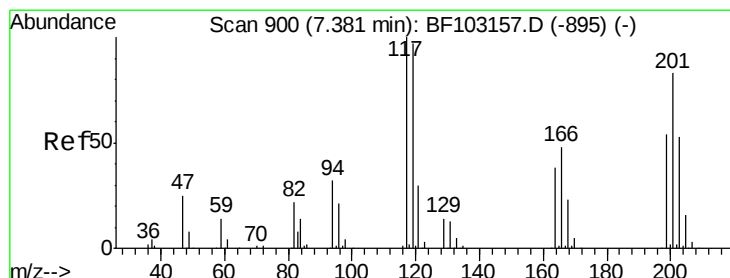
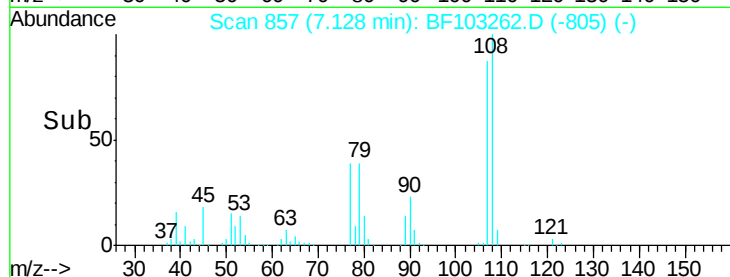
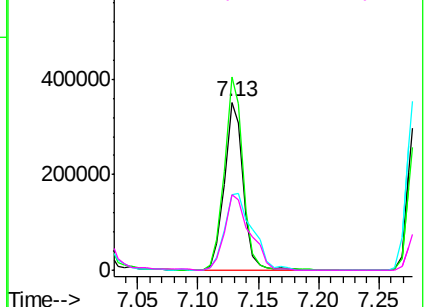


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.155 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

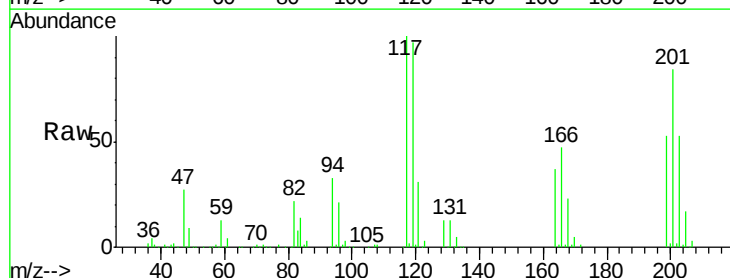
Tgt Ion:117 Resp: 166126

Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.8

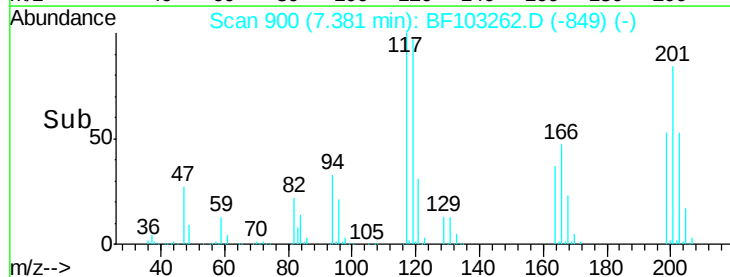
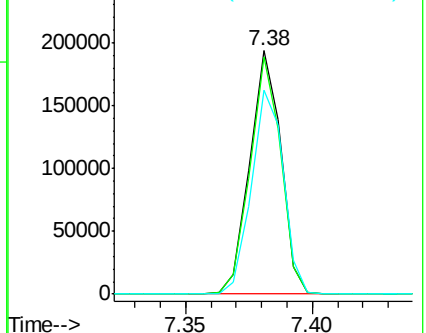
201 83.7 75.7 113.5

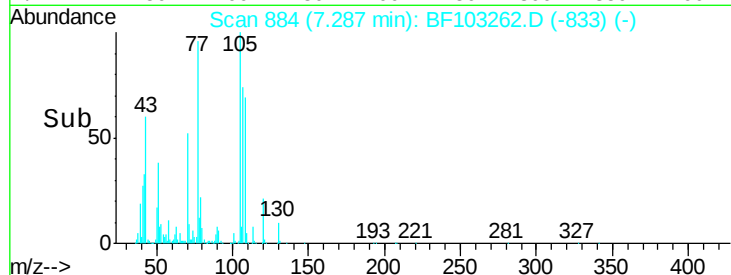
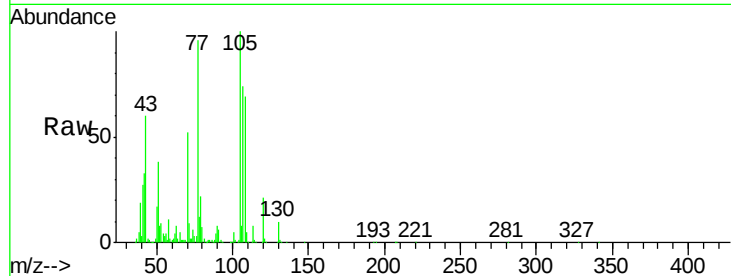


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

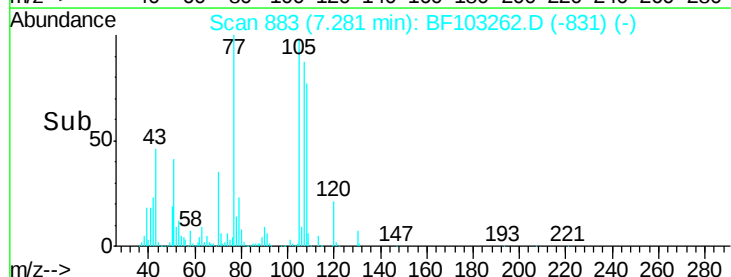
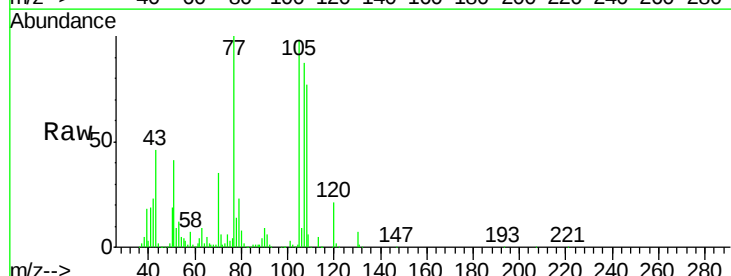
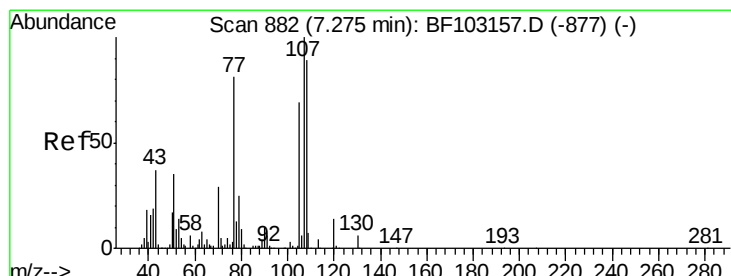
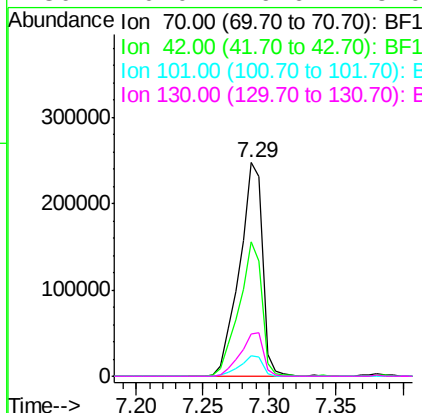




#19
n-Nitroso-di-n-propylamine
Concen: 40.770 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

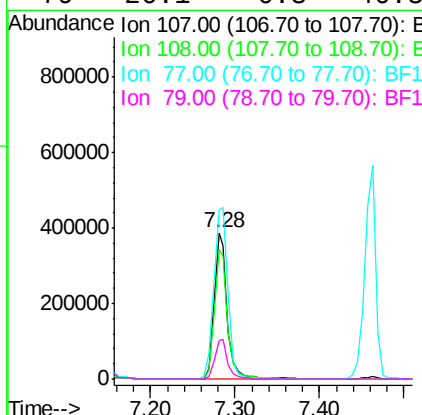
Instrument :
BNA_F
ClientSampleId :

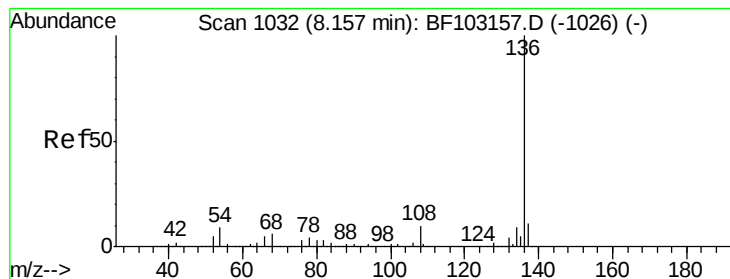
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	47.5	71.3
101	9.4	7.4	11.2
130	20.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.525 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	115.2	26.7	66.7#
79	26.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 609687

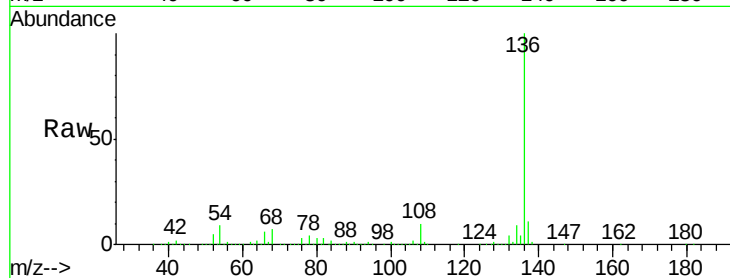
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 6.7 5.0 7.4

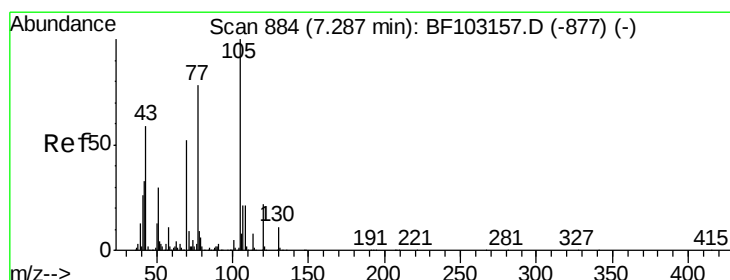
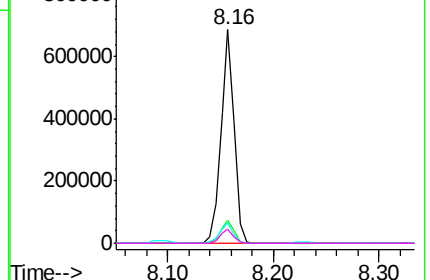
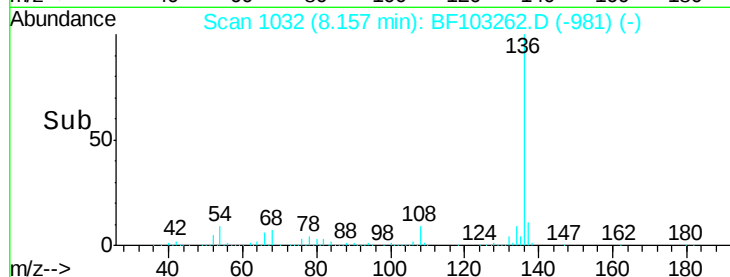


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.839 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:105 Resp: 566959

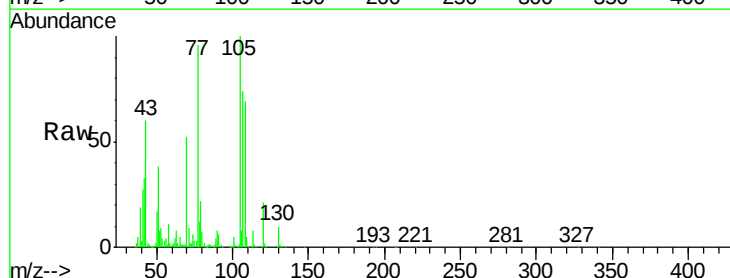
Ion Ratio Lower Upper

105 100

71 8.9 4.4 6.6#

51 37.7 22.3 33.5#

120 21.1 16.9 25.3

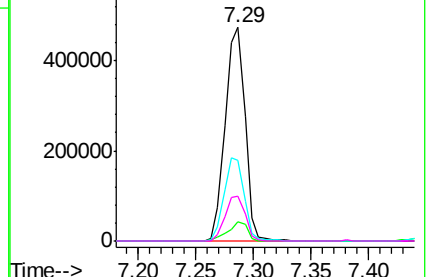
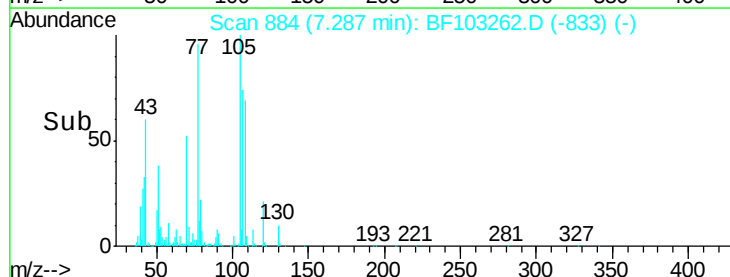


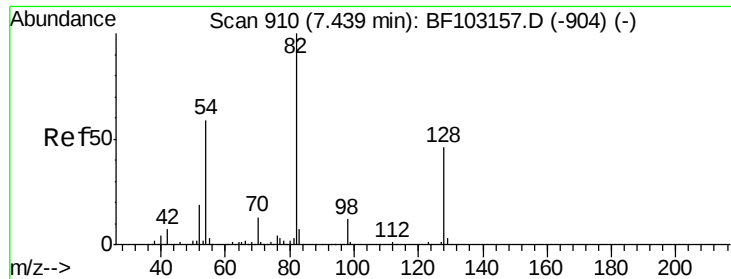
Abundance Ion 105.00 (104.70 to 105.70): E

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

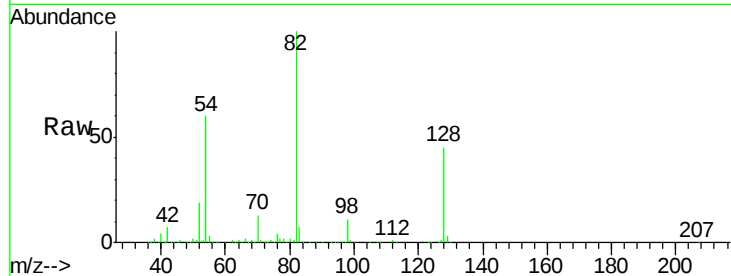




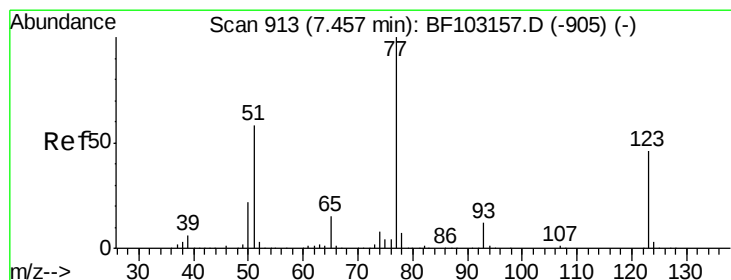
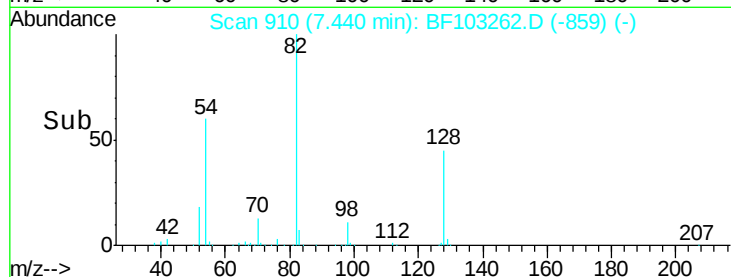
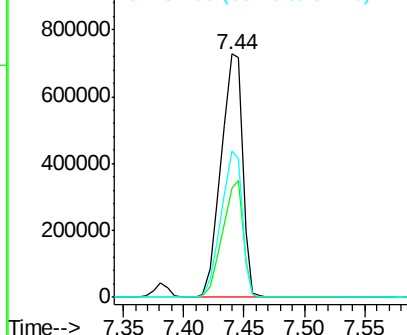
#23
 Nitrobenzene-d5
 Concen: 84.406 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 901118
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 60.3 41.4 62.2

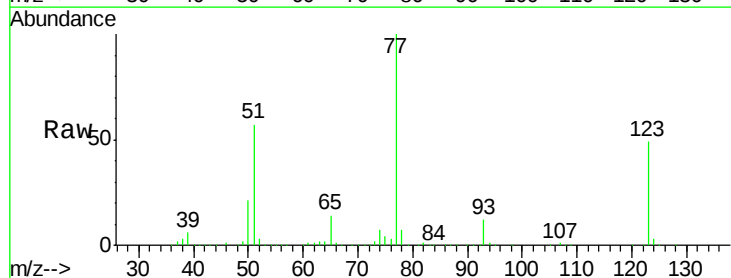


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

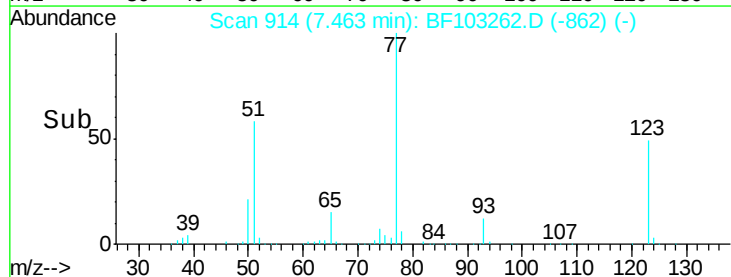
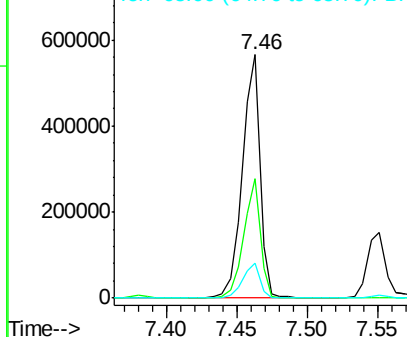


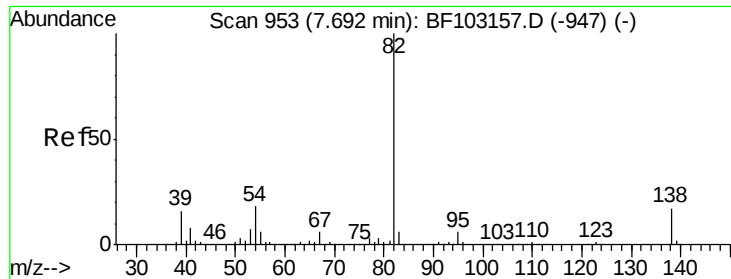
#24
 Nitrobenzene
 Concen: 41.717 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion: 77 Resp: 490356
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.9 56.9
 65 14.4 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

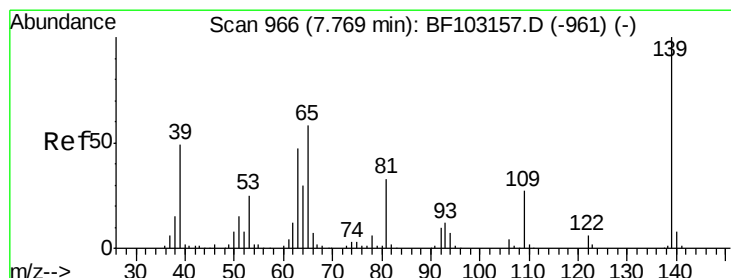
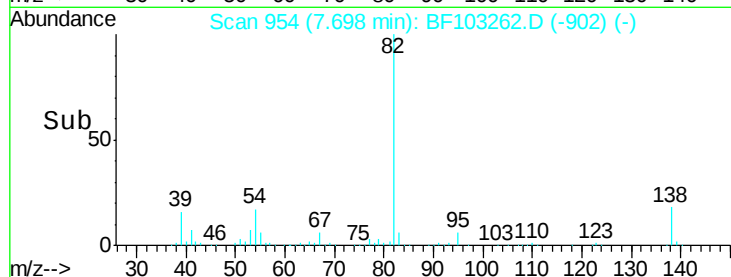
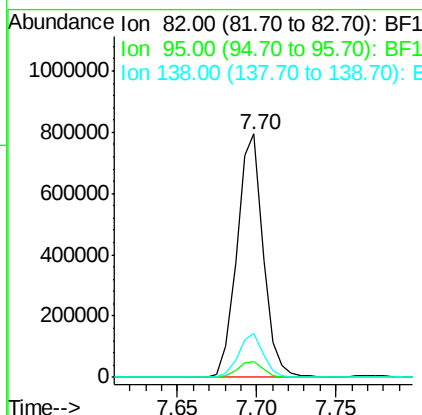
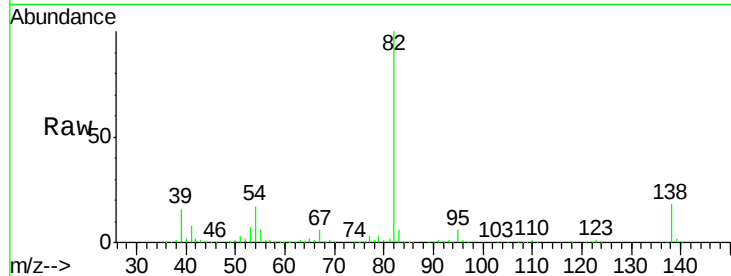




#25
Isophorone
Concen: 43.130 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

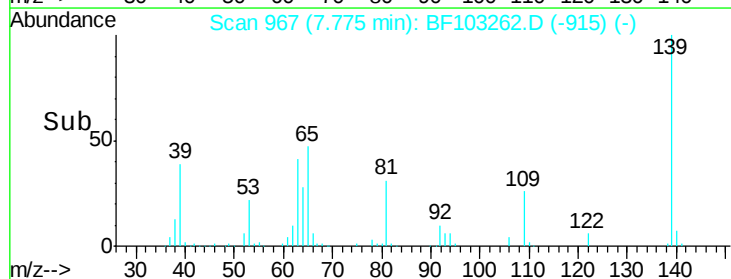
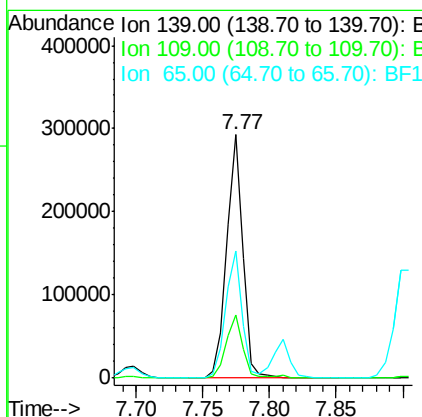
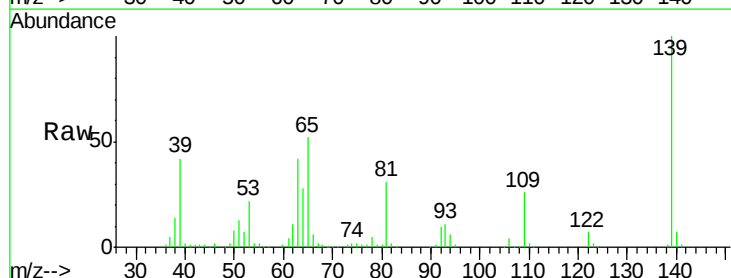
Instrument :
BNA_F
ClientSampleId :

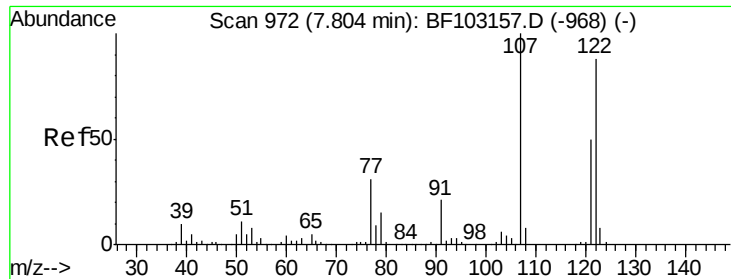
Tot Ion: 82 Resp: 906878
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 18.0 14.9 22.3



#26
2-Nitrophenol
Concen: 45.741 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion: 139 Resp: 253108
Ion Ratio Lower Upper
139 100
109 25.9 22.7 34.1
65 52.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.675 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

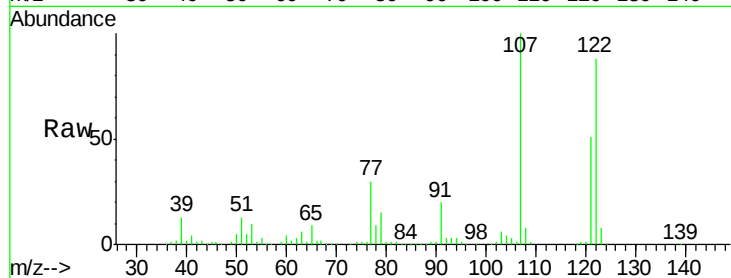
Tot Ion:122 Resp: 394784

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

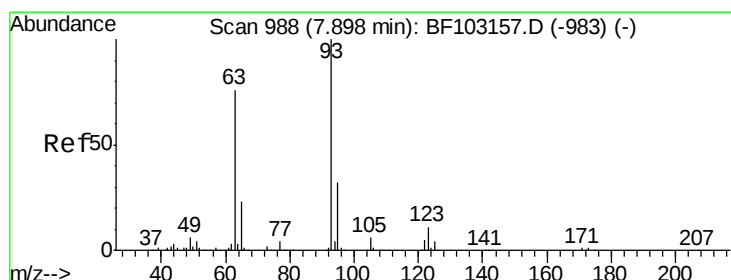
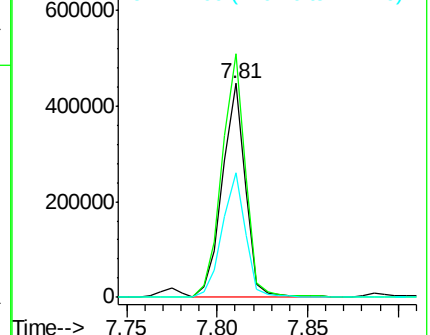
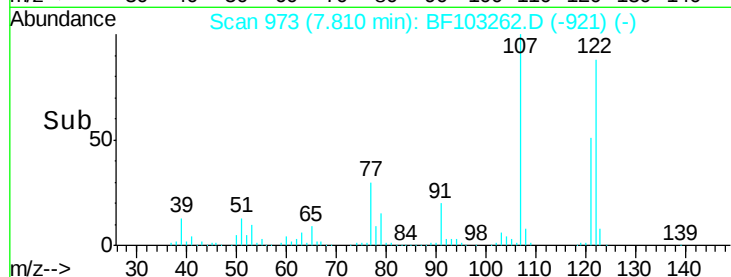
121 58.5 47.2 70.8



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: 45.904 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

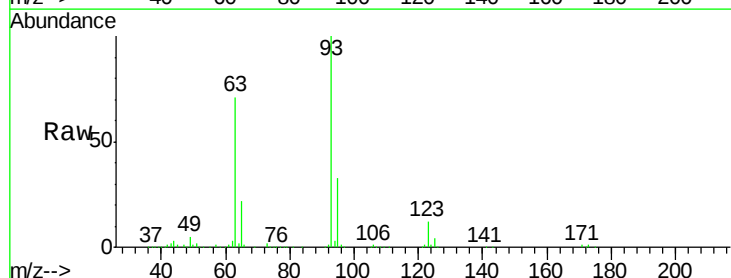
Tgt Ion: 93 Resp: 567477

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

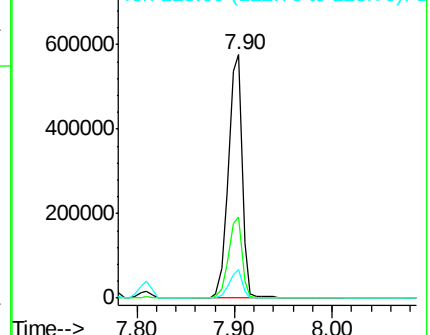
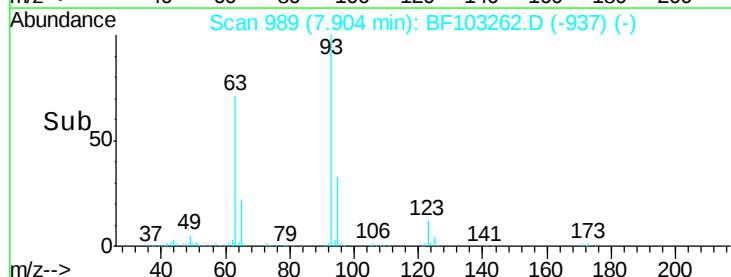
123 11.8 9.8 14.6

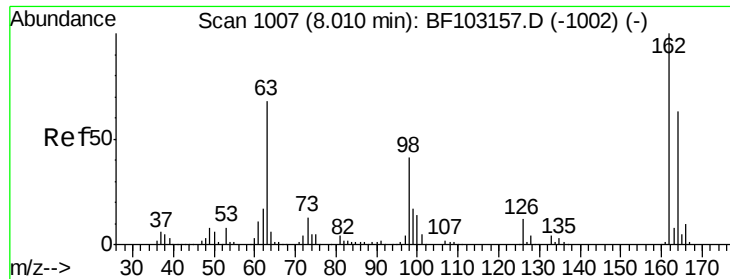


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

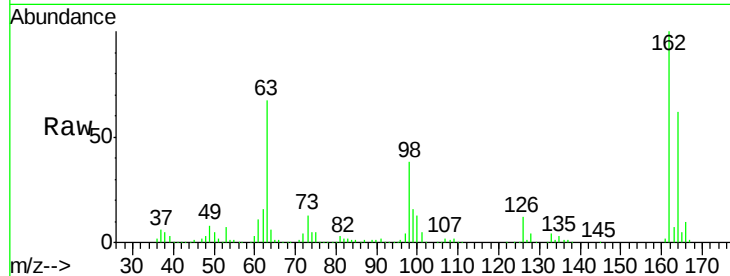




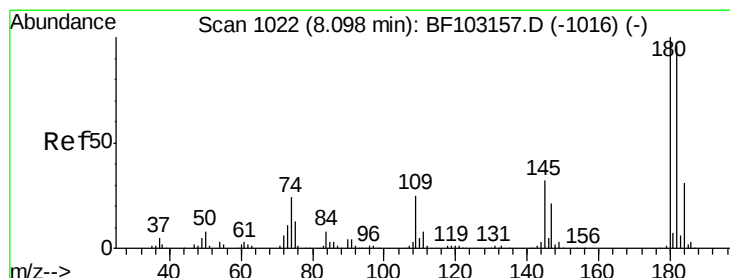
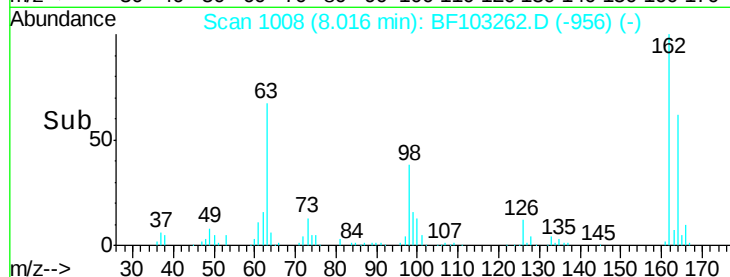
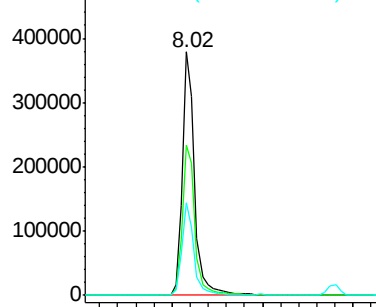
#29
2,4-Dichlorophenol
Concen: 44.819 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 362934
Ion Ratio Lower Upper
162 100
164 61.9 42.7 82.7
98 38.3 18.1 58.1

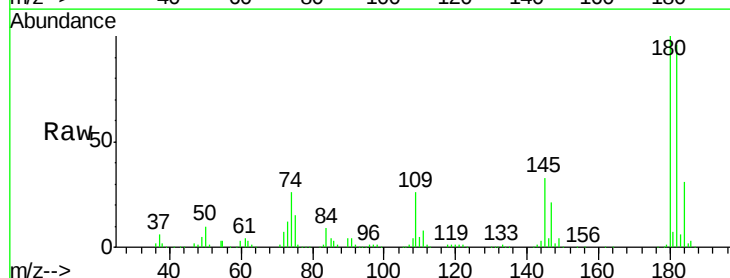


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

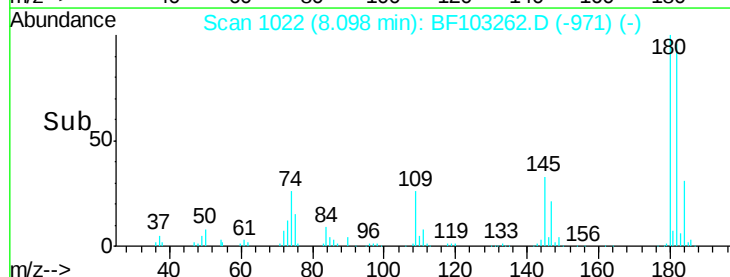
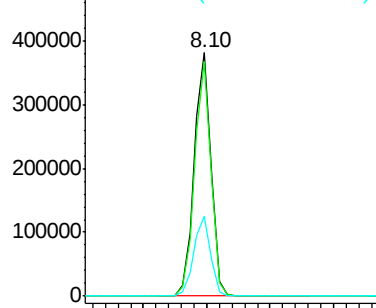


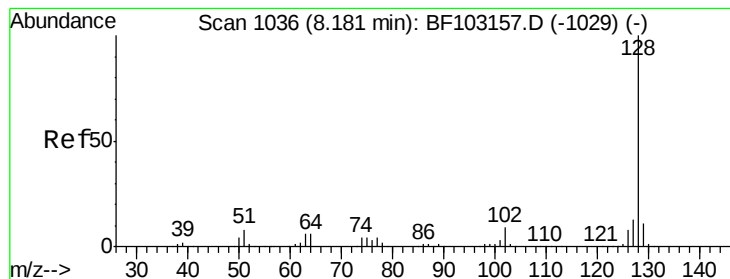
#30
1,2,4-Trichlorobenzene
Concen: 40.766 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:180 Resp: 351540
Ion Ratio Lower Upper
180 100
182 96.3 76.8 115.2
145 32.9 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: 40.860 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

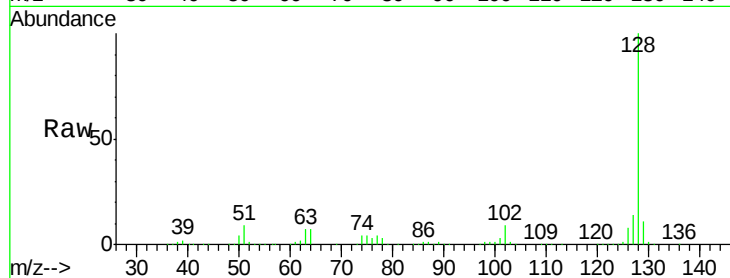
Tot Ion:128 Resp: 1219648

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

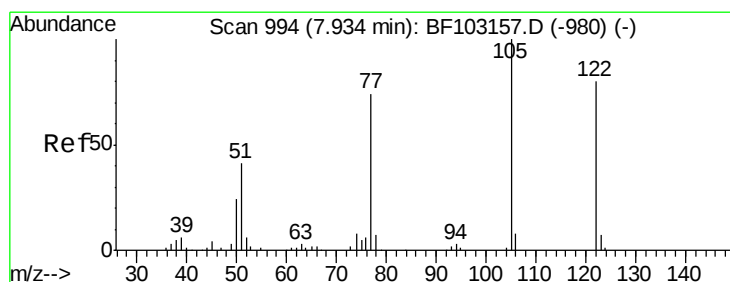
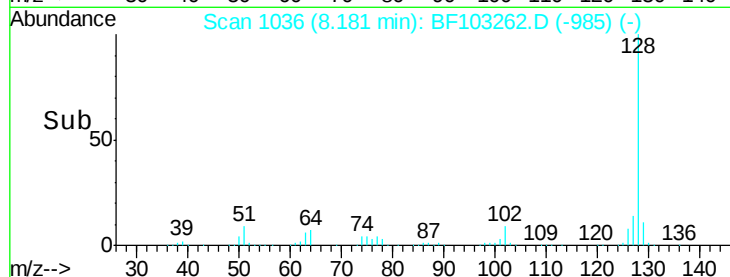
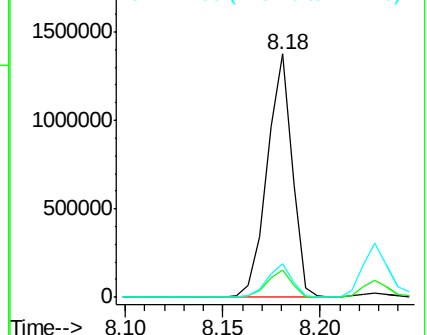
127 13.8 10.9 16.3



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: 60.766 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.12 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

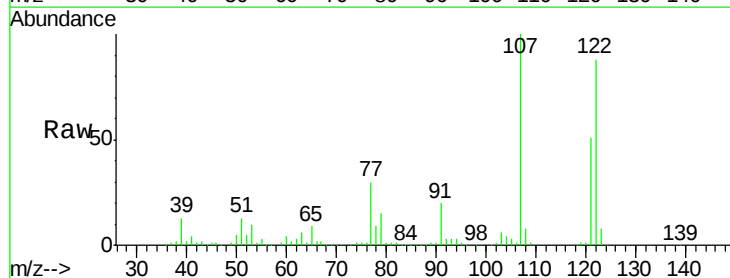
Tgt Ion:122 Resp: 394784

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

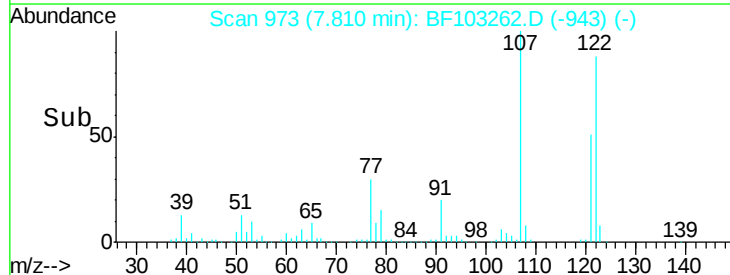
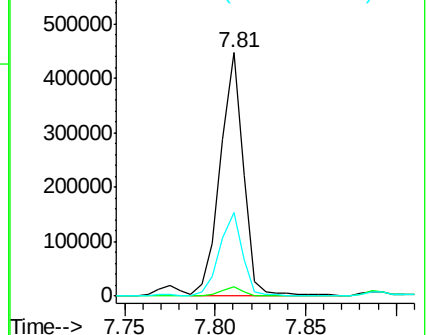
77 34.2 70.7 110.7#

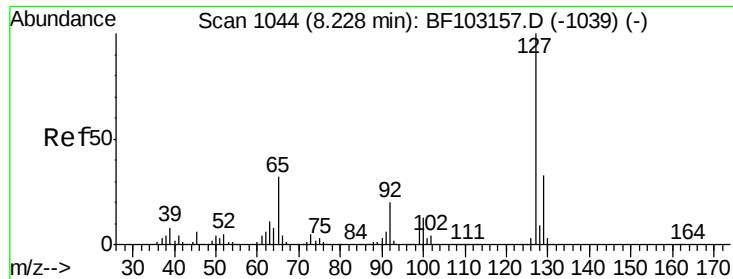


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

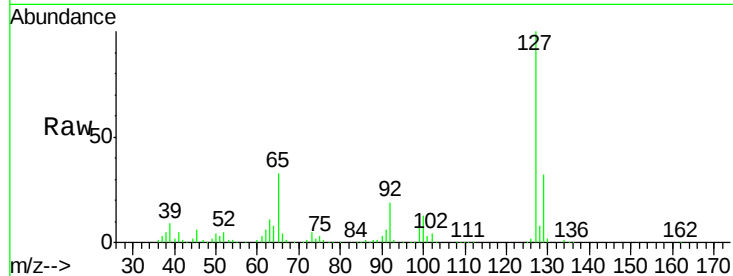




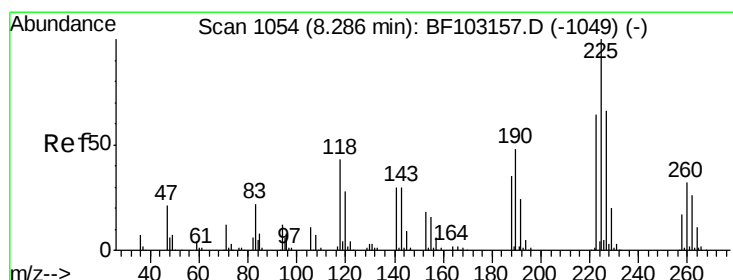
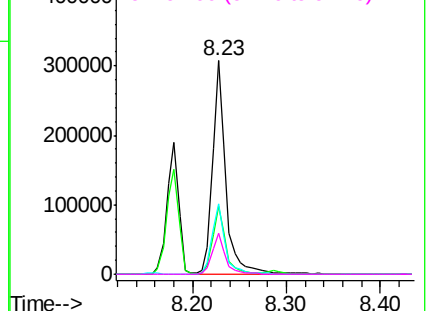
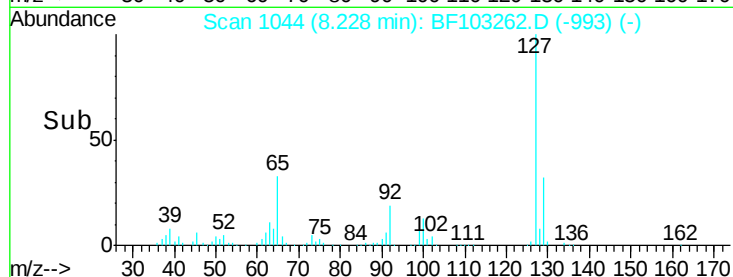
#33
4-Chloroaniline
Concen: 23.849 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	307189
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	33.0	25.0	37.4
92	19.2	15.2	22.8

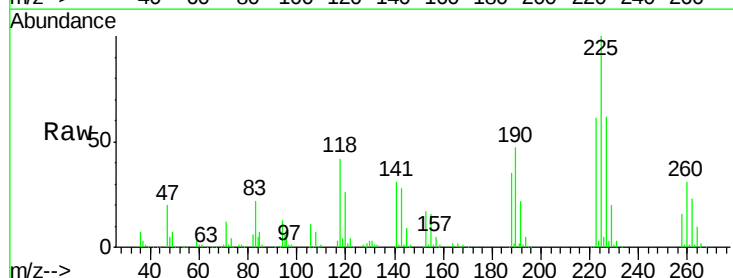


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

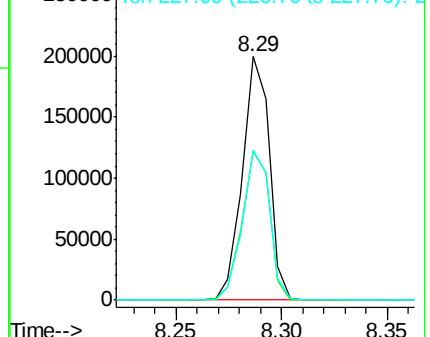
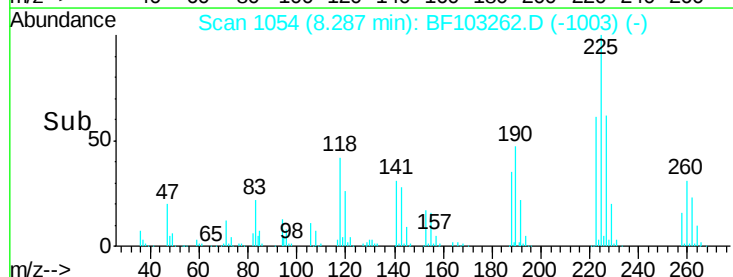


#34
Hexachlorobutadiene
Concen: 39.268 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:	225	Resp:	176333
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	61.7	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: 30.967 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

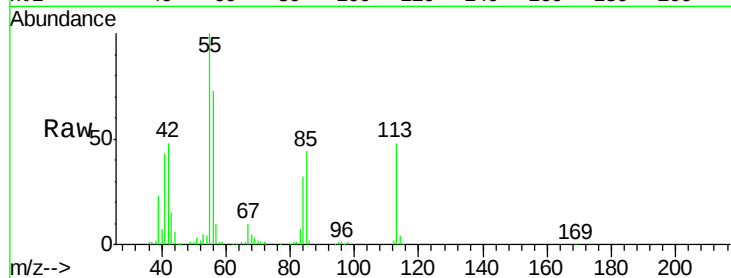
Tot Ion:113 Resp: 88132

Ion Ratio Lower Upper

113 100

55 207.5 163.3 203.3#

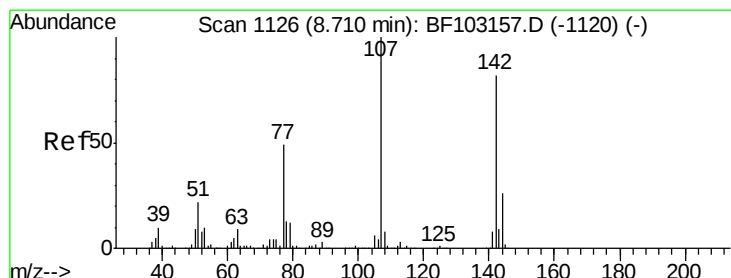
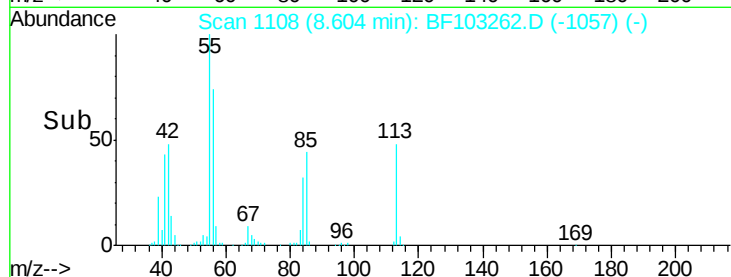
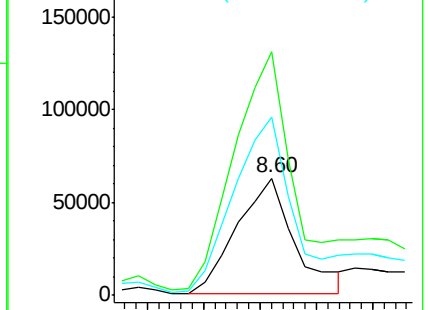
56 152.3 115.7 155.7



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: 44.590 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

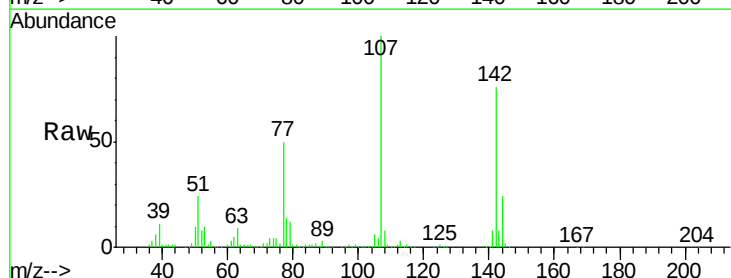
Tgt Ion:107 Resp: 407268

Ion Ratio Lower Upper

107 100

144 24.5 20.5 30.7

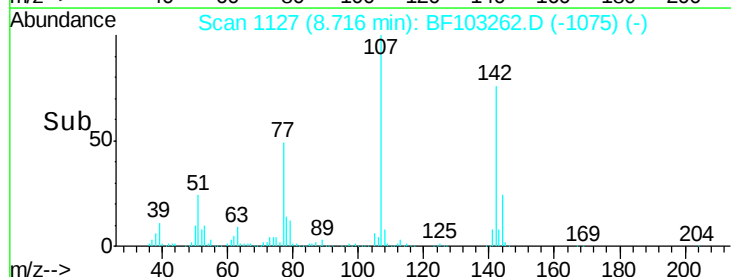
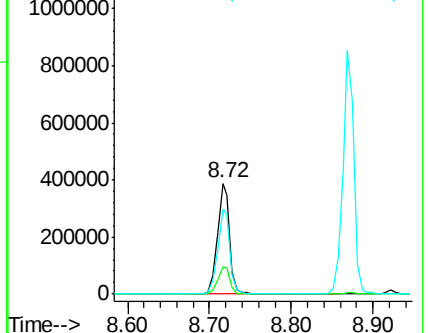
142 76.4 62.0 93.0

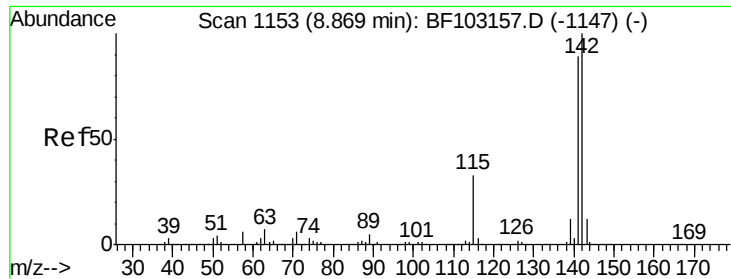


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

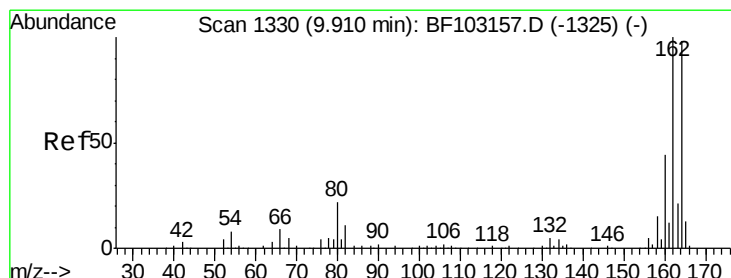
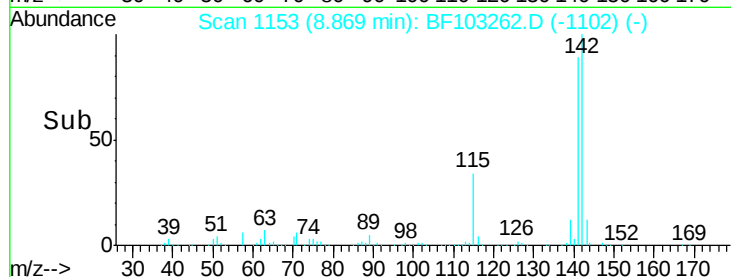
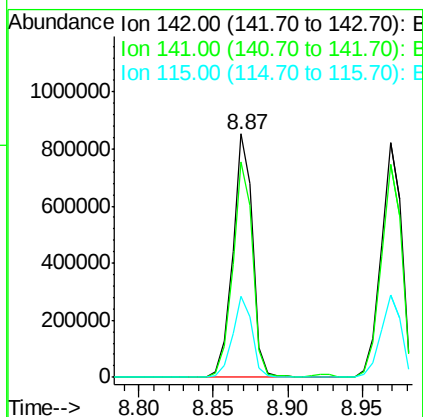
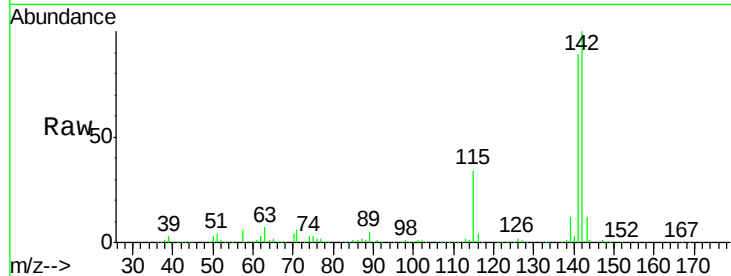




#37
2-Methylnaphthalene
Concen: 41.402 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

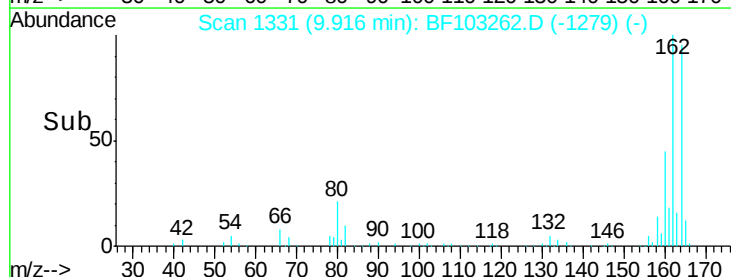
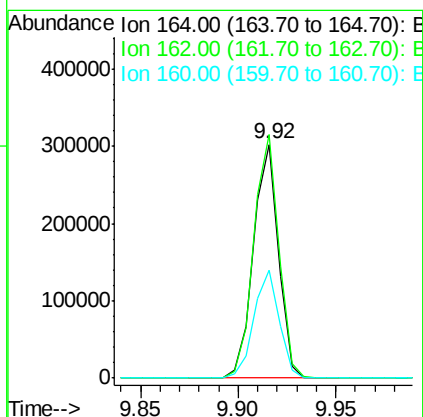
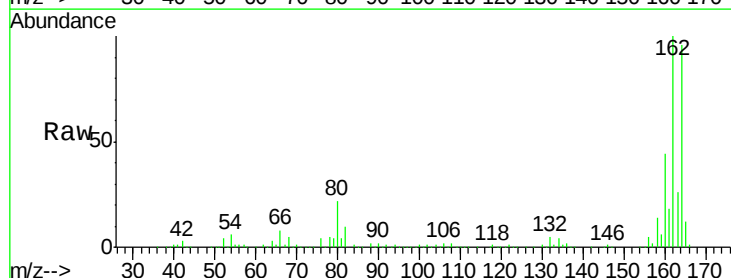
Instrument :
BNA_F
ClientSampled :

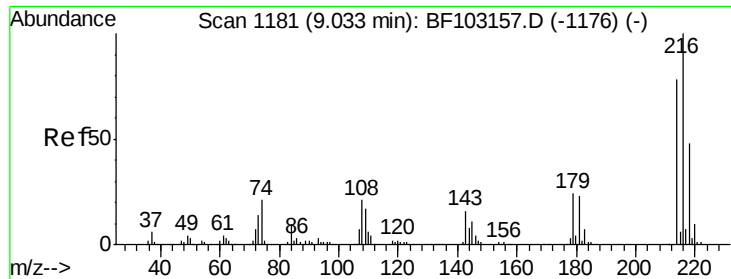
Tot Ion:142 Resp: 798684
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 33.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:164 Resp: 267908
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.175 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 301570

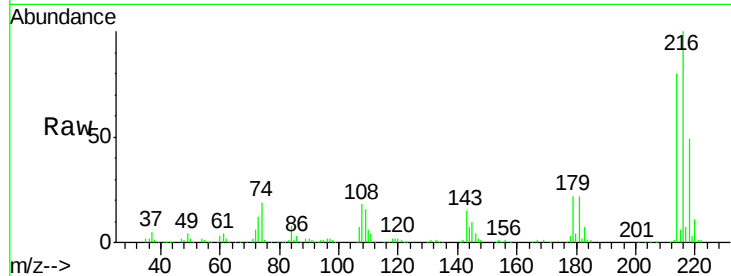
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 23.6 18.1 27.1

108 22.7 17.2 25.8

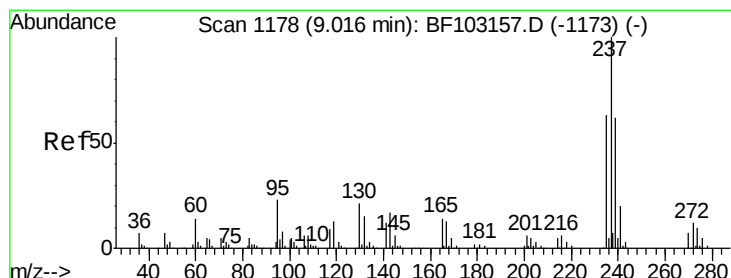
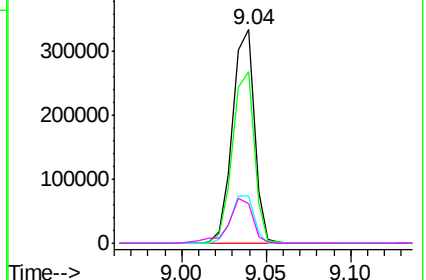
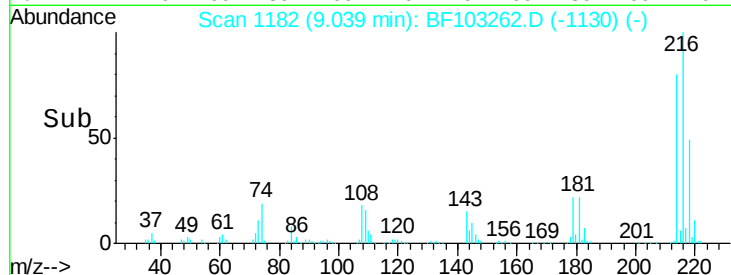


Abundance Ion 216.00 (215.70 to 216.70): E

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: 49.305 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

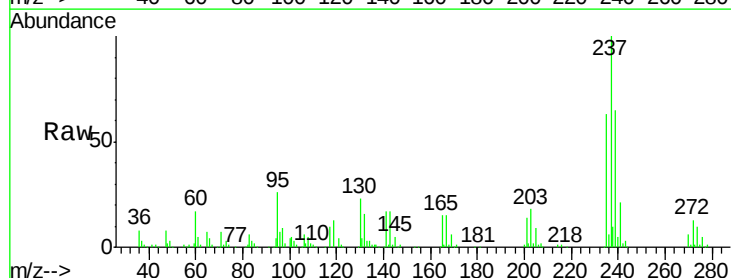
Tgt Ion:237 Resp: 117391

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

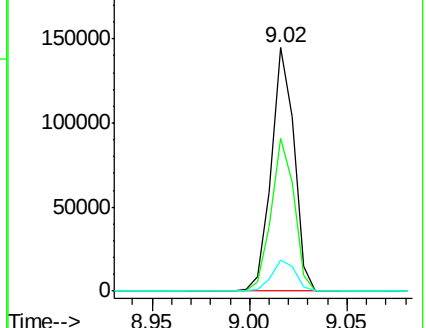
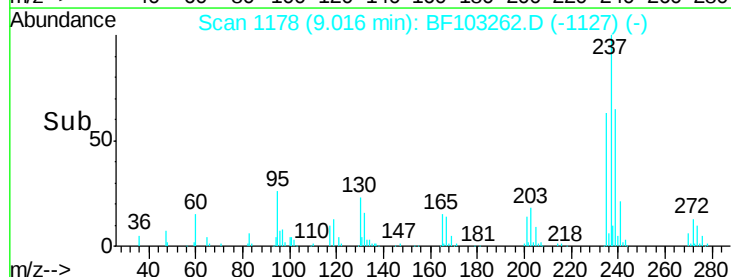
272 12.7 0.0 33.3

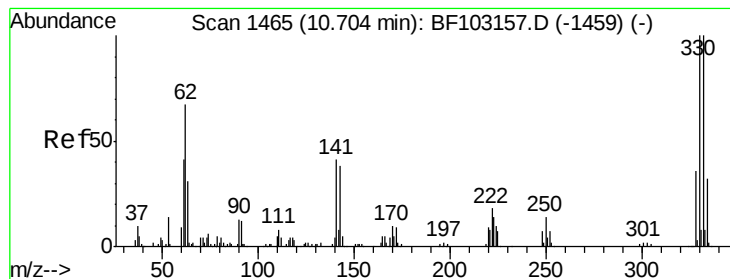


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 111.126 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

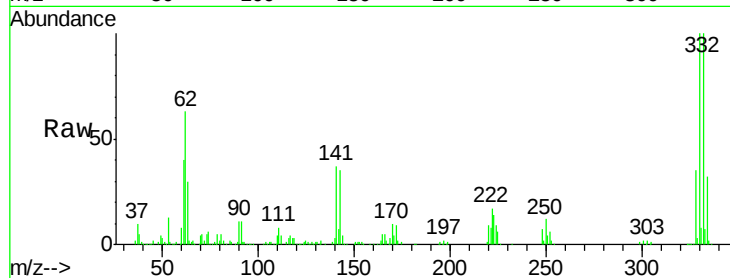
Tot Ion:330 Resp: 252000

Ion Ratio Lower Upper

330 100

332 102.6 77.0 115.6

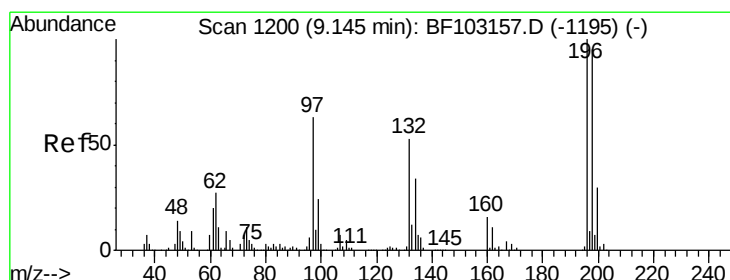
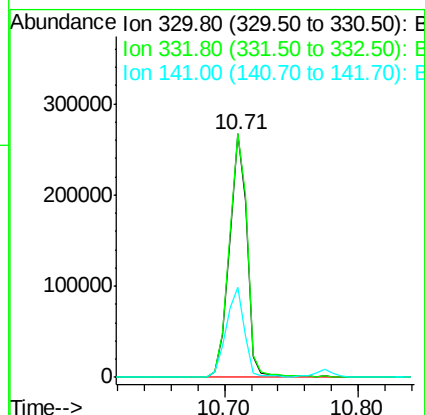
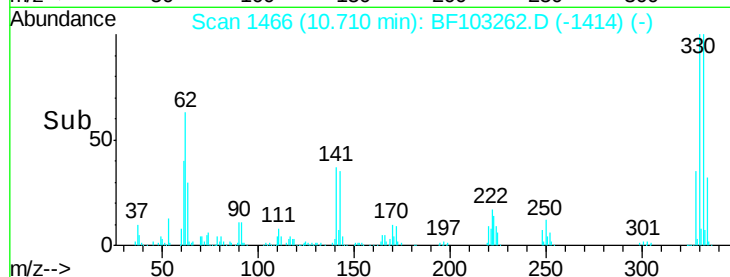
141 38.6 29.9 44.9



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: 44.162 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

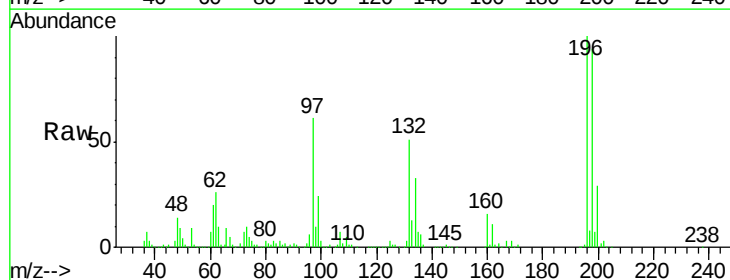
Tgt Ion:196 Resp: 217640

Ion Ratio Lower Upper

196 100

198 93.9 75.7 113.5

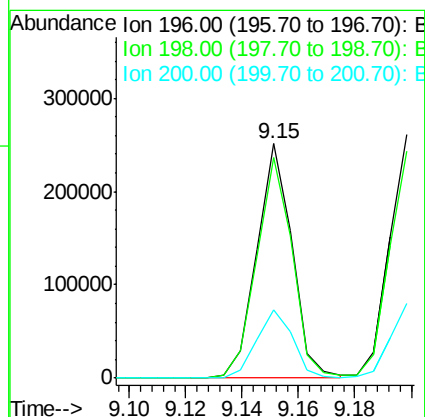
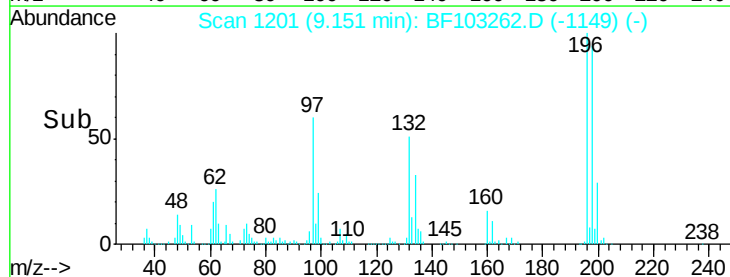
200 29.4 24.5 36.7

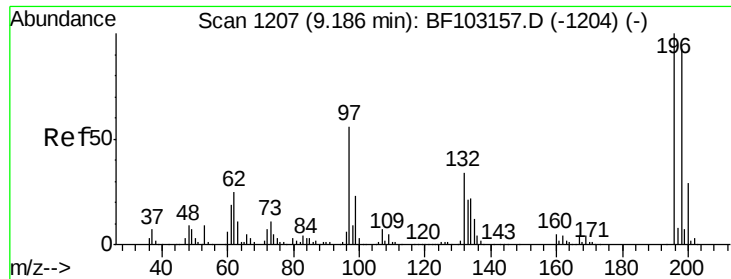


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

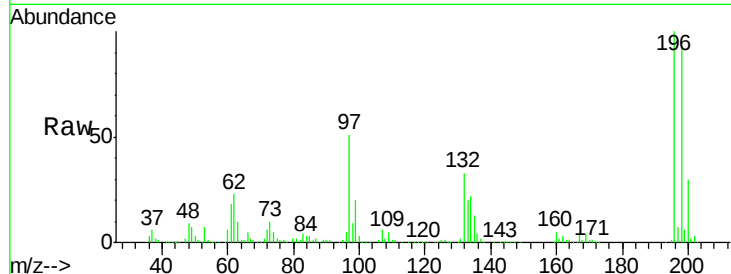




#43
 2,4,5-Trichlorophenol
 Concen: 41.219 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	233633
Ion Ratio	Lower	Upper	
196	100		
198	93.2	74.6	112.0
97	51.4	42.9	64.3
132	33.3	26.3	39.5



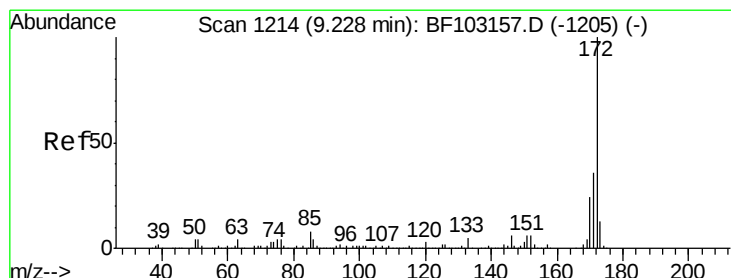
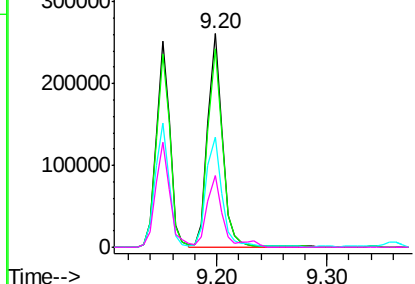
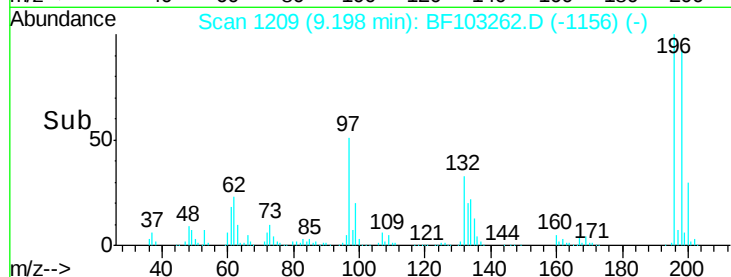
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

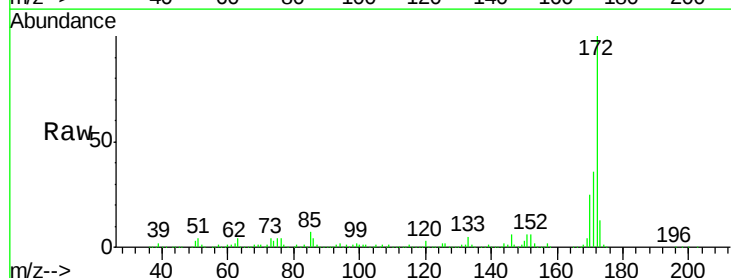
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.748 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion	172	Resp	1330988
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

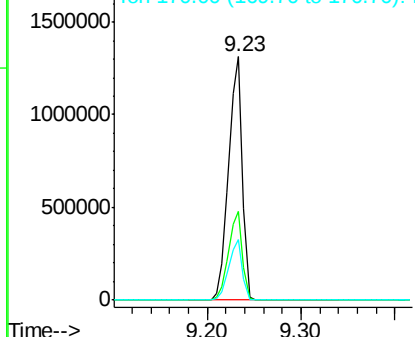
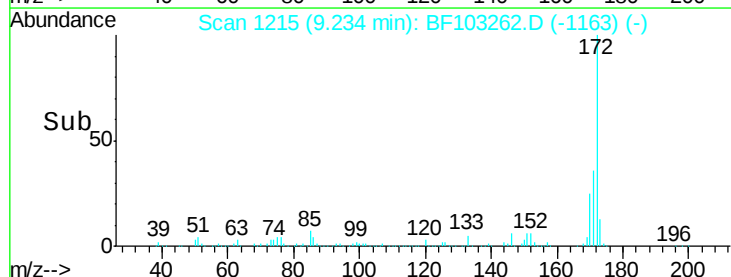


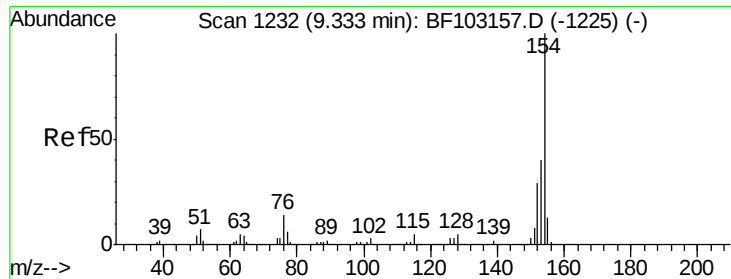
Abundance

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

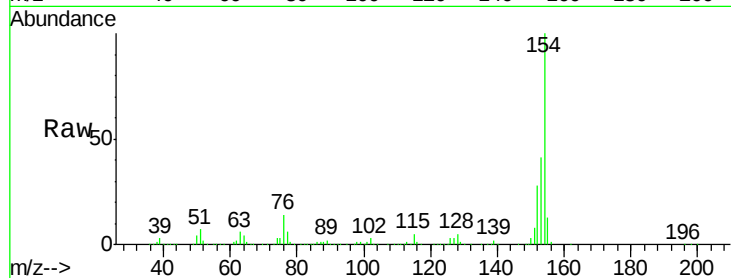




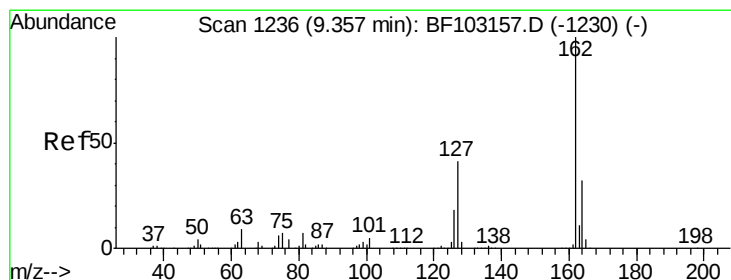
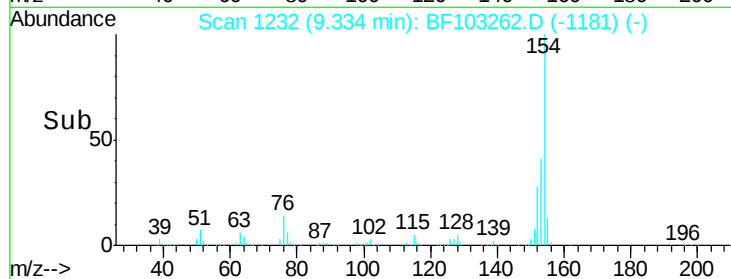
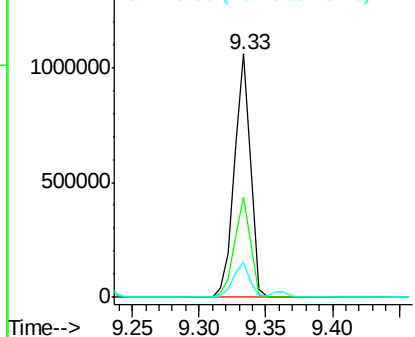
#45
 1,1'-Biphenyl
 Concen: 40.325 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	14.4	0.0	34.0

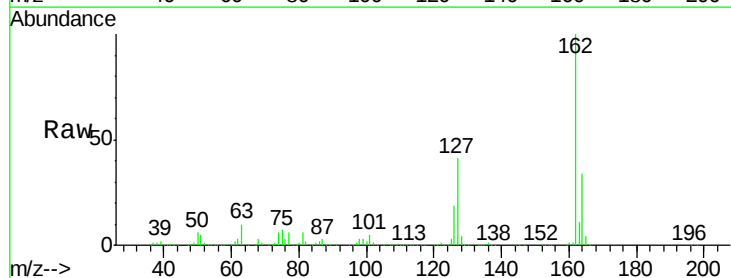


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

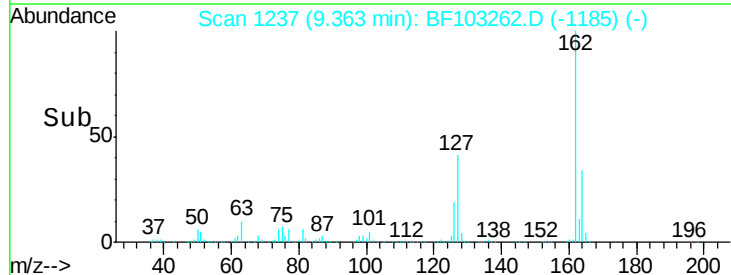
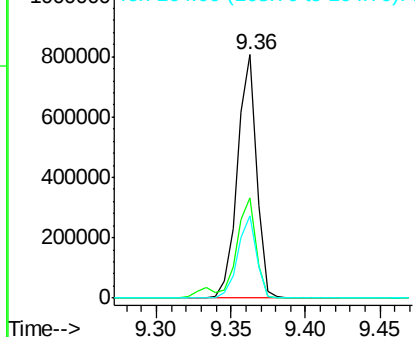


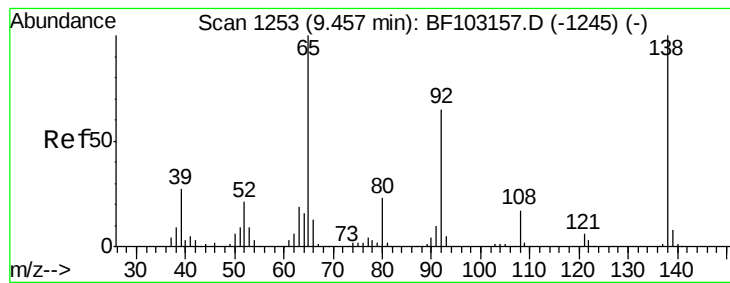
#46
 2-Chloronaphthalene
 Concen: 40.778 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	33.7	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: 43.383 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

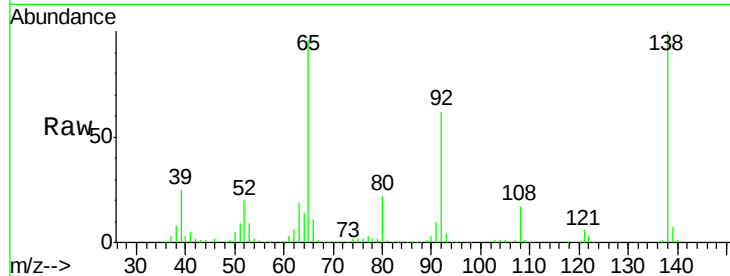
Tot Ion: 65 Resp: 285406

Ion Ratio Lower Upper

65 100

92 64.3 55.8 83.6

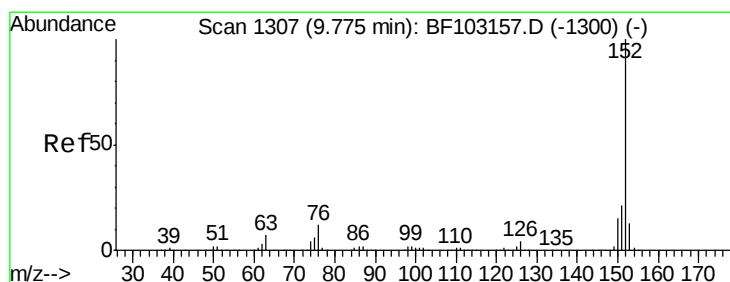
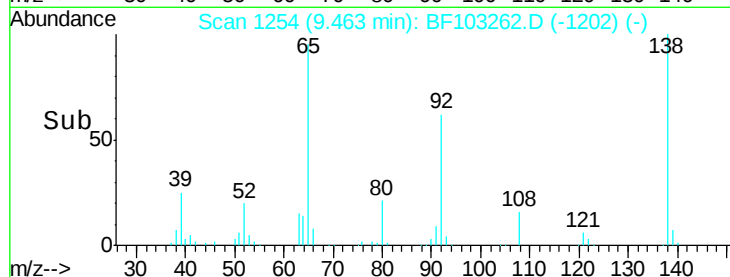
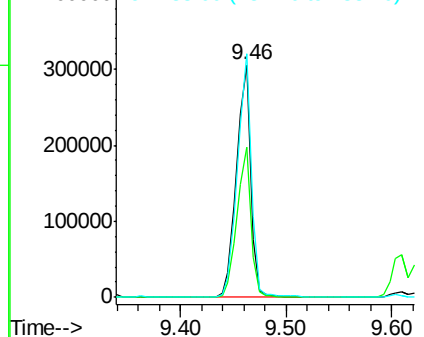
138 104.6 91.2 136.8



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: 39.608 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

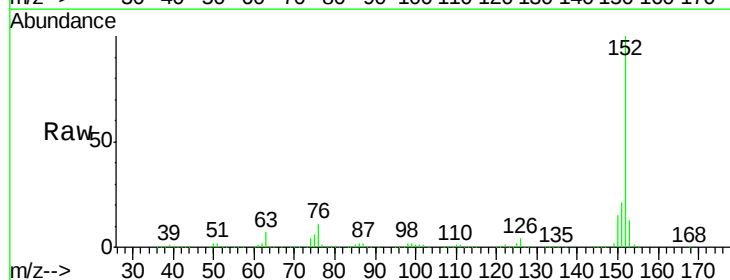
Tgt Ion: 152 Resp: 1082336

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

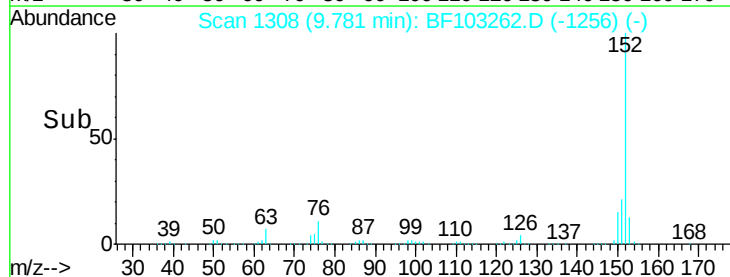
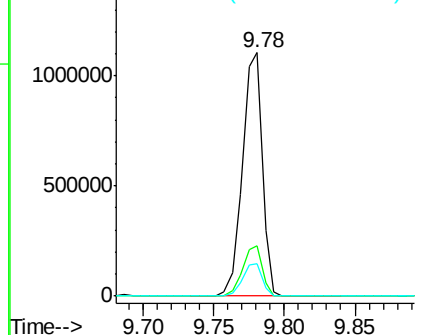
153 13.3 10.7 16.1

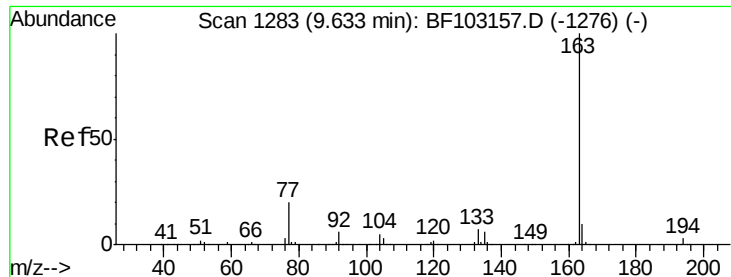


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

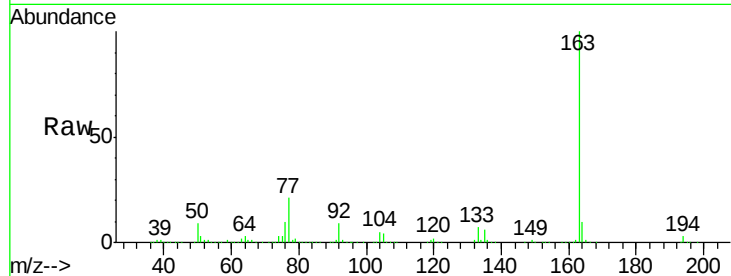




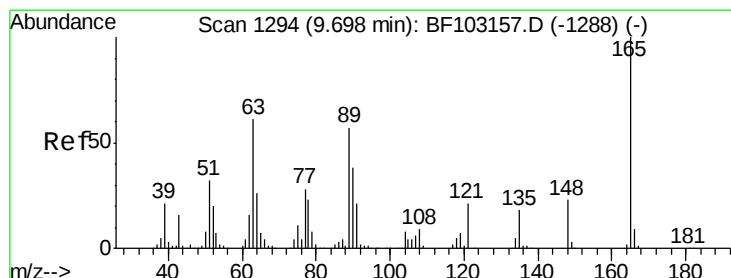
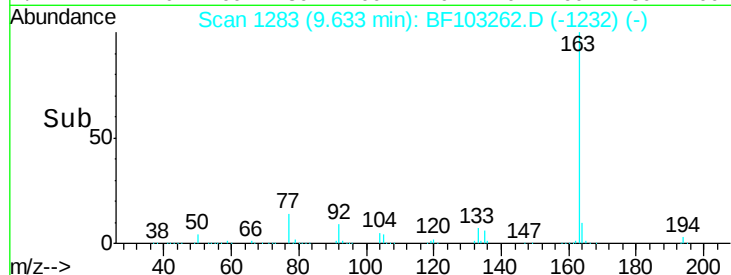
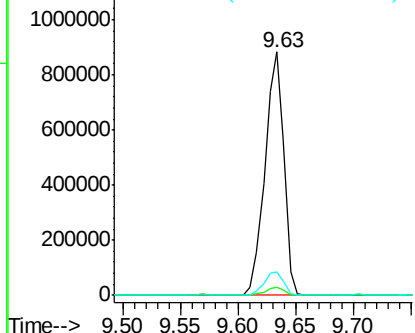
#49
Dimethylphthalate
Concen: 47.237 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1015215
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

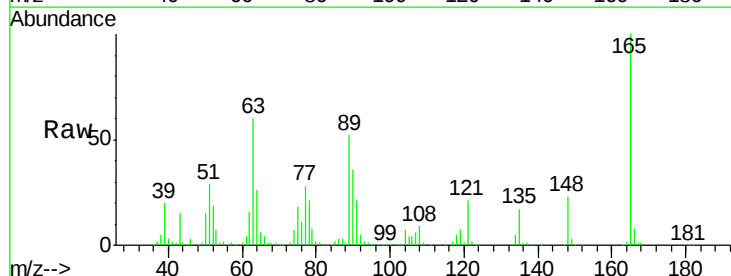


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

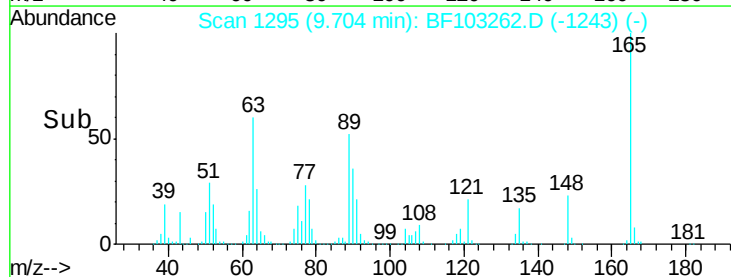
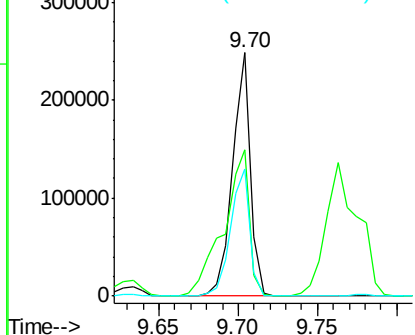


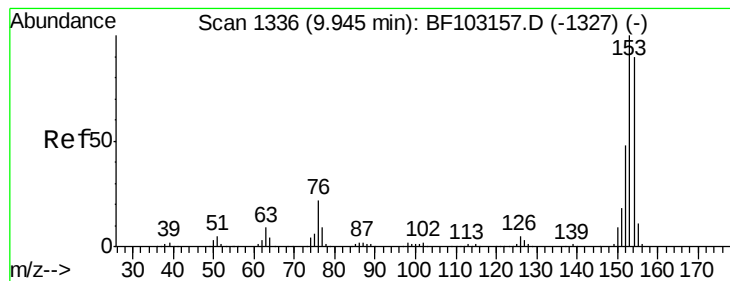
#50
2,6-Dinitrotoluene
Concen: 43.295 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:165 Resp: 195267
Ion Ratio Lower Upper
165 100
63 60.1 44.7 67.1
89 52.5 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: 39.332 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

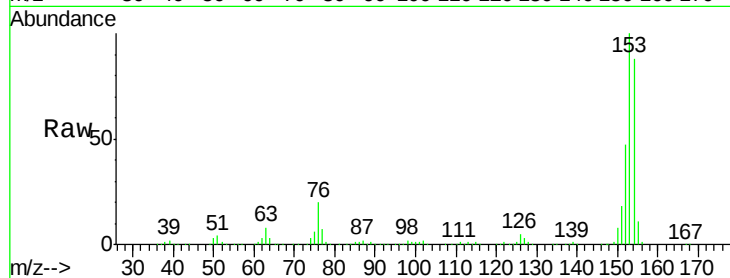
Tot Ion:154 Resp: 626721

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

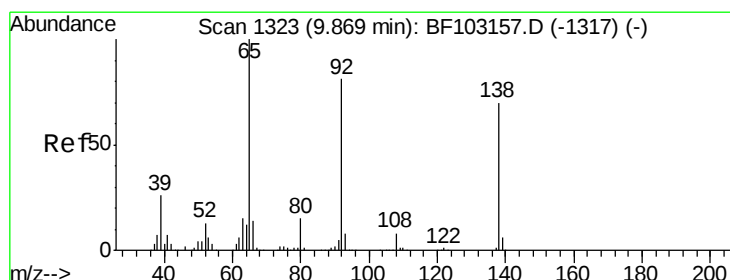
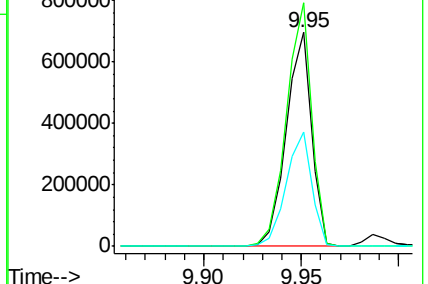
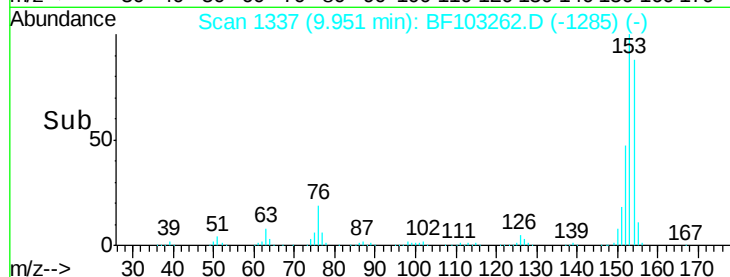
152 53.3 43.8 65.8



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: 31.987 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

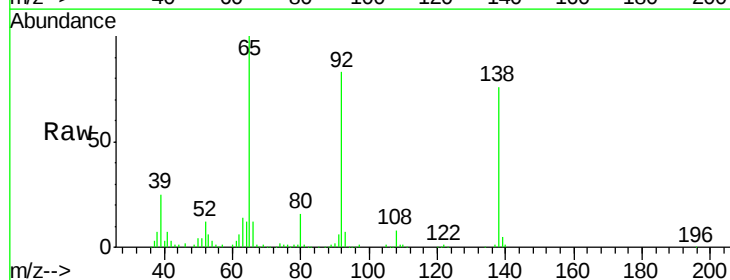
Tgt Ion:138 Resp: 183034

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

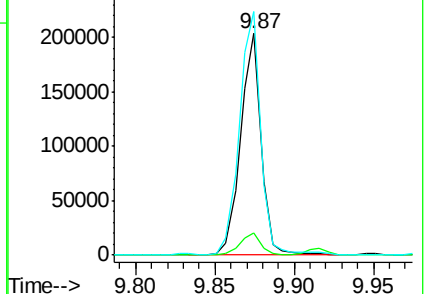
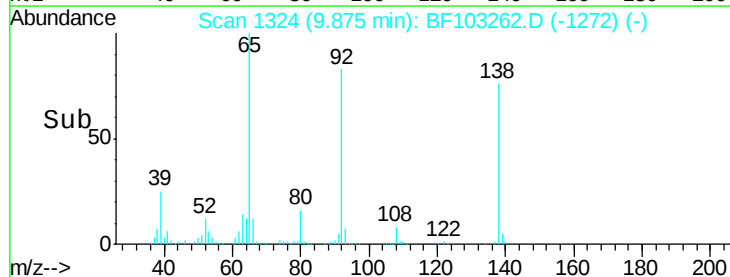
92 109.9 89.4 134.2



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

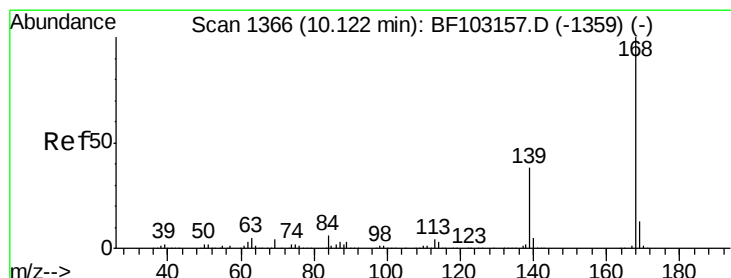
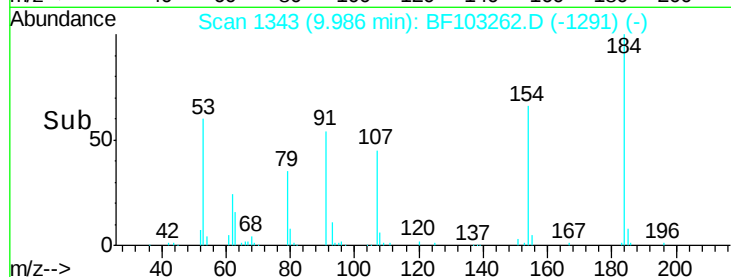
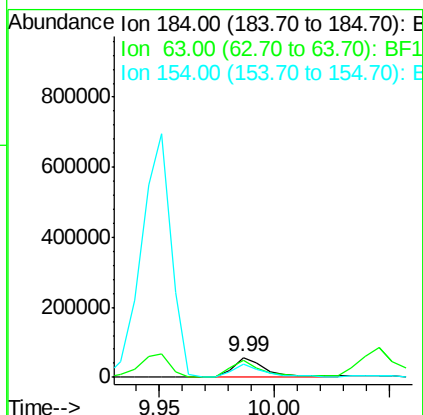
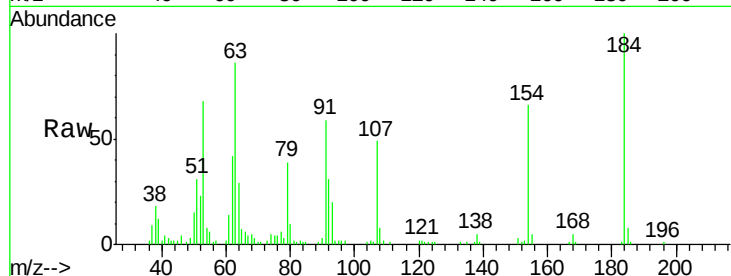




#53
 2,4-Dinitrophenol
 Concen: 40.213 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

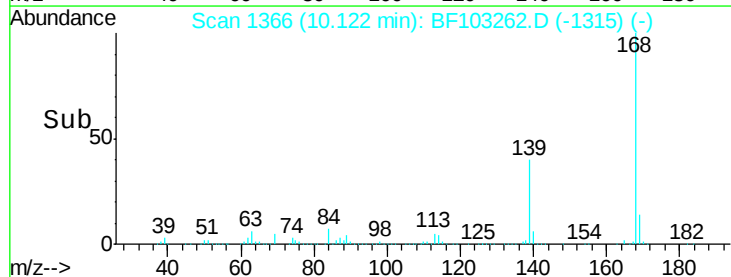
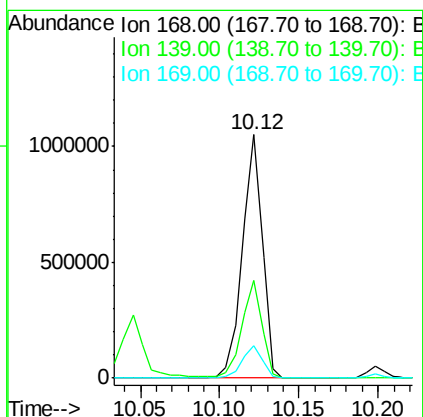
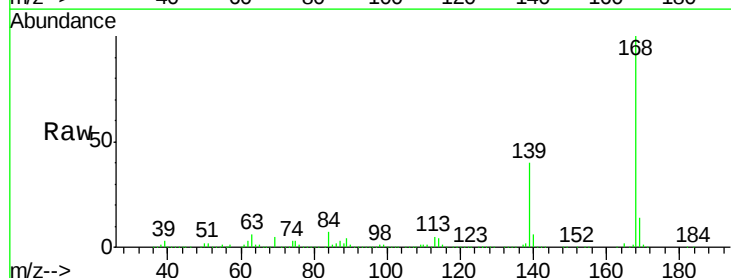
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 56652
 Ion Ratio Lower Upper
 184 100
 63 85.7 54.2 81.2#
 154 66.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.793 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion:168 Resp: 914176
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 13.6 10.9 16.3

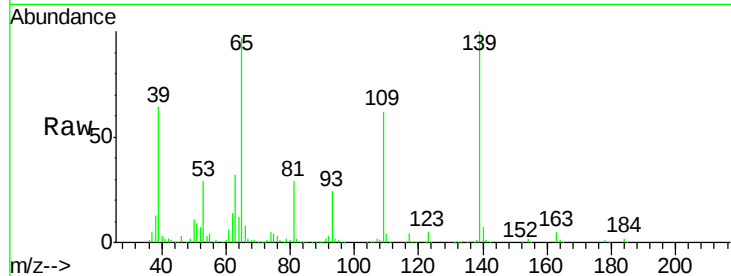




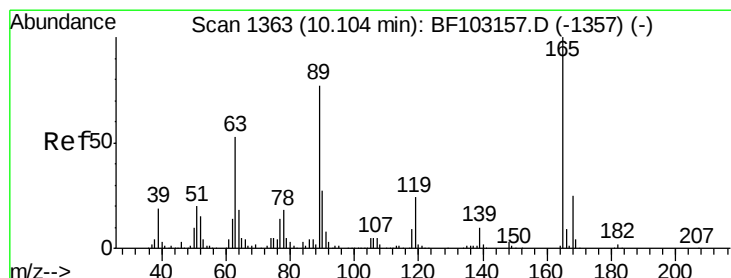
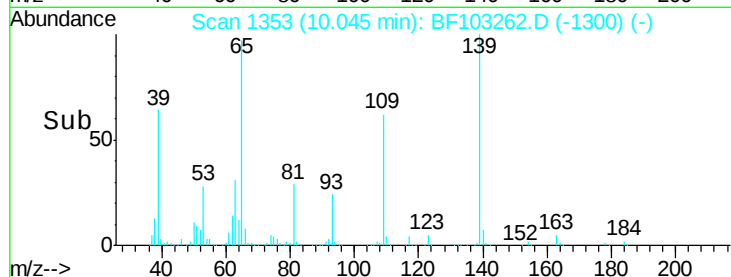
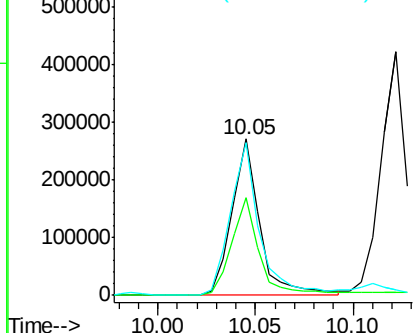
#55
4-Nitrophenol
Concen: 76.247 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.1	48.4	88.4
65	97.5	72.6	112.6



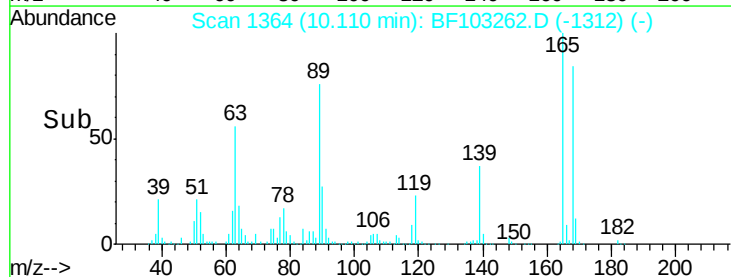
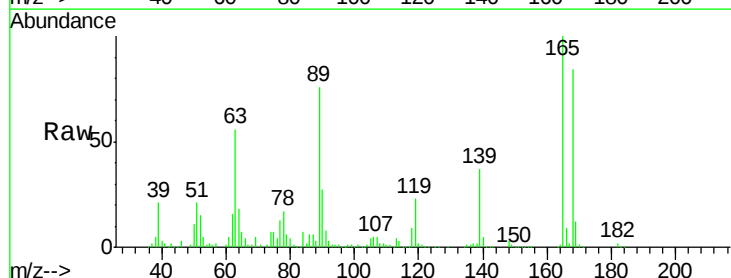
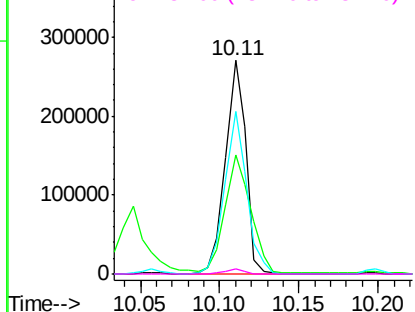
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

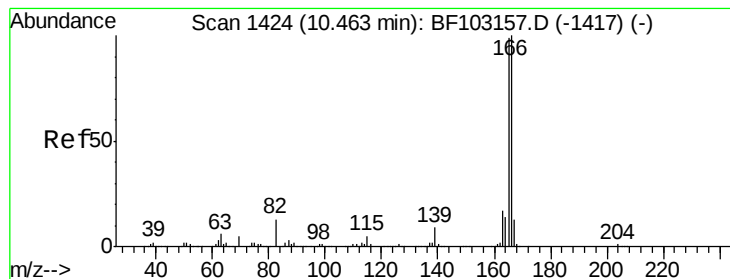


#56
2,4-Dinitrotoluene
Concen: 42.517 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.9	36.4	54.6#
89	76.0	57.8	86.6
182	2.2	1.6	2.4

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





#57

Fluorene

Concen: 38.495 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

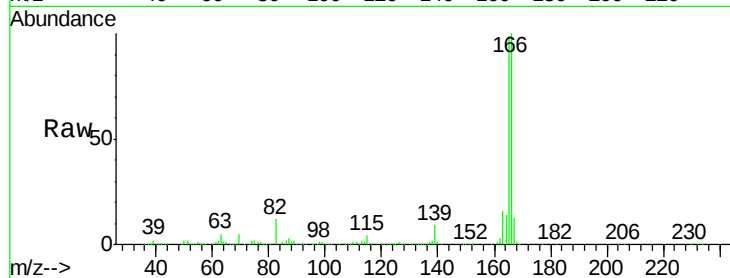
Tot Ion:166 Resp: 717296

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

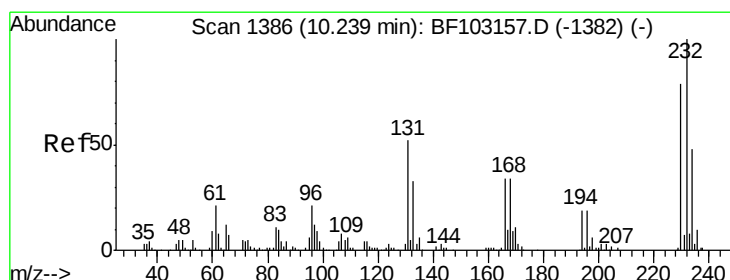
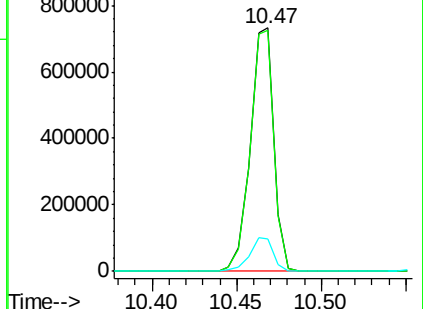
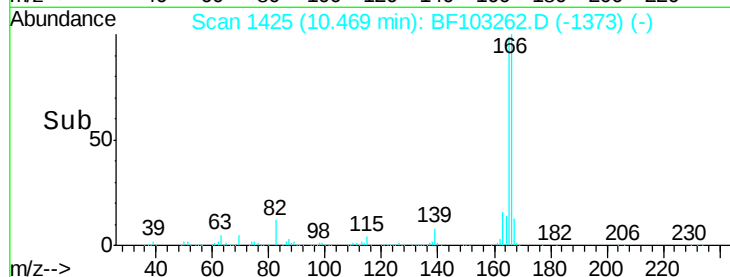
167 13.1 10.6 16.0



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: 43.474 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:232 Resp: 165534

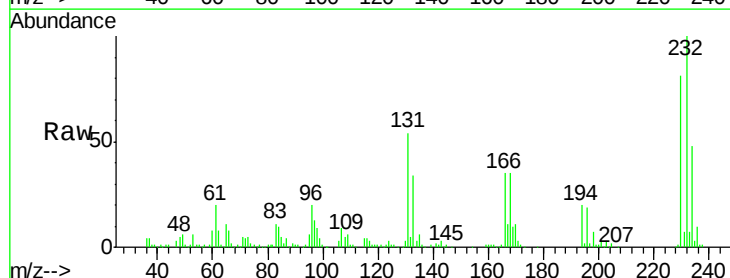
Ion Ratio Lower Upper

232 100

131 56.3 43.8 65.8

130 2.7 2.1 3.1

166 35.9 27.8 41.6

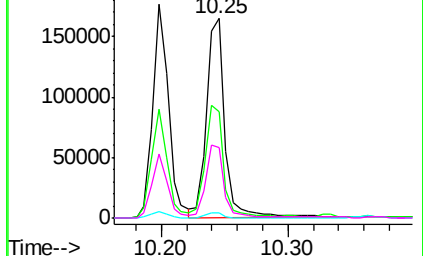
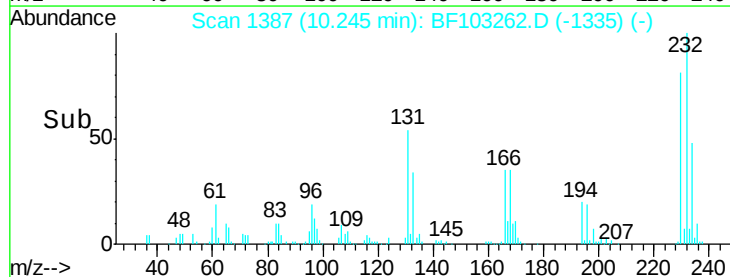


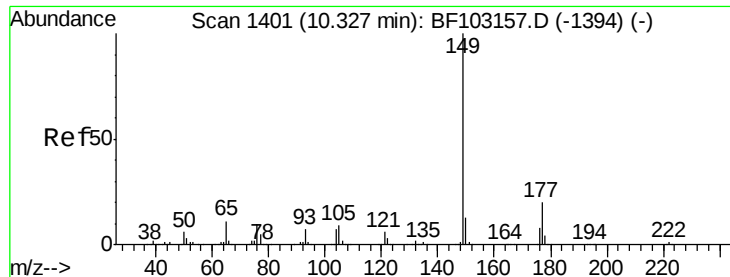
Abundance Ion 232.00 (231.70 to 232.70): E

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

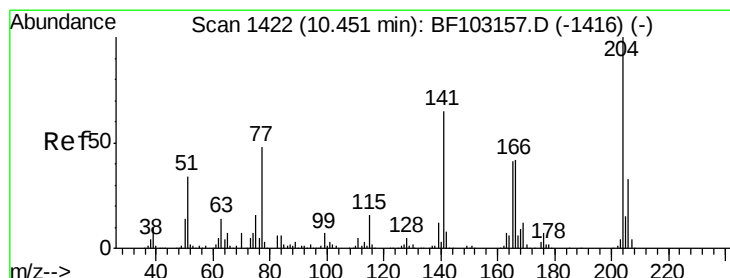
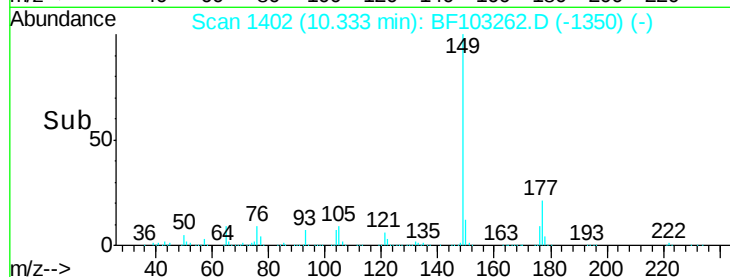
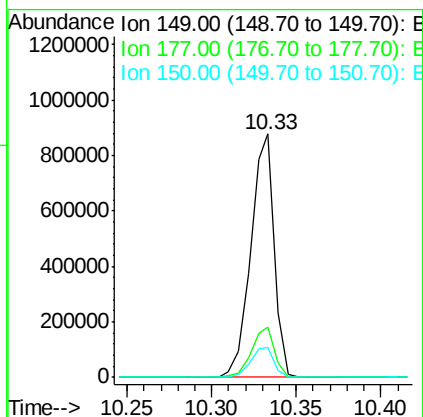
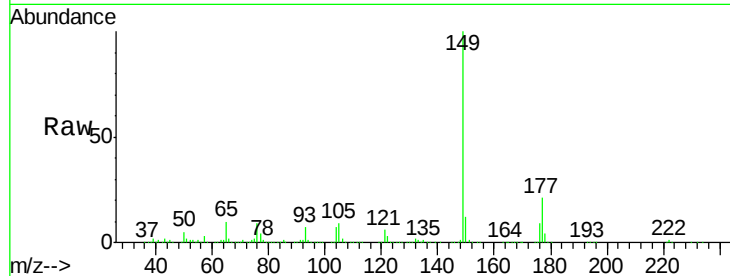




#59
Diethylphthalate
Concen: 41.141 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

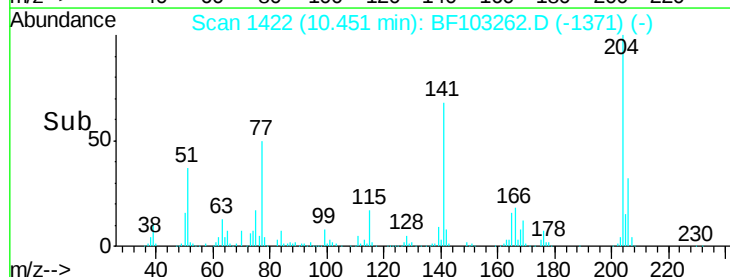
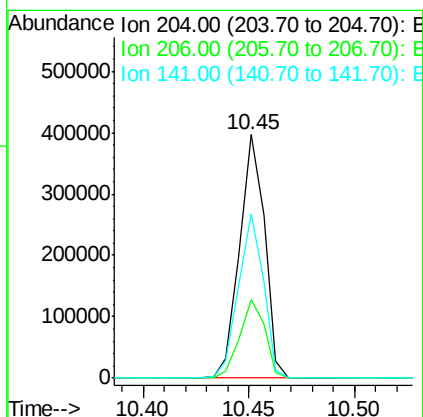
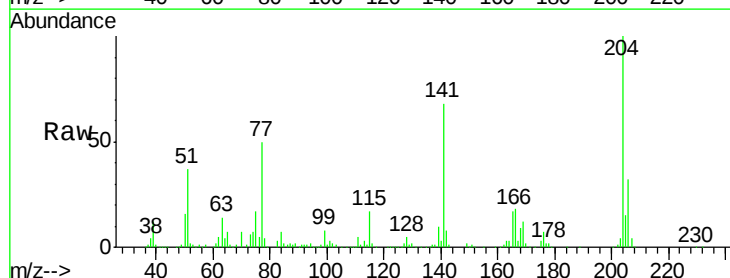
Instrument :
BNA_F
ClientSampleId :

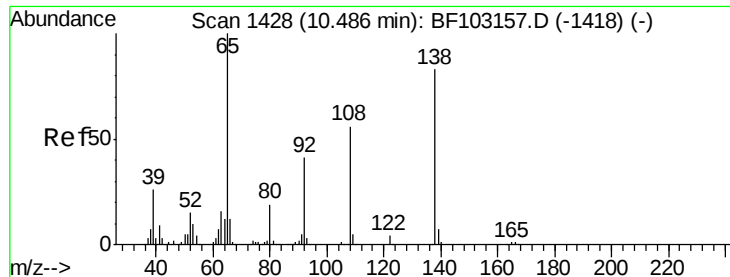
Tot Ion:149 Resp: 845673
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.139 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:204 Resp: 325072
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 67.7 54.6 81.8

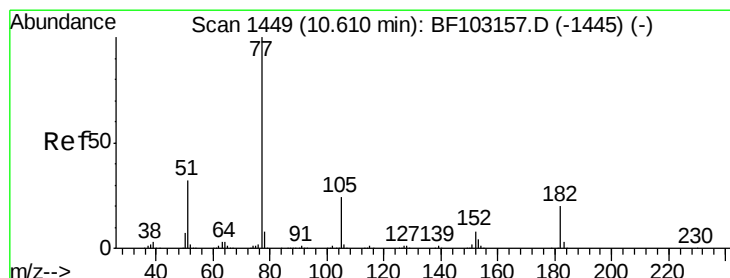
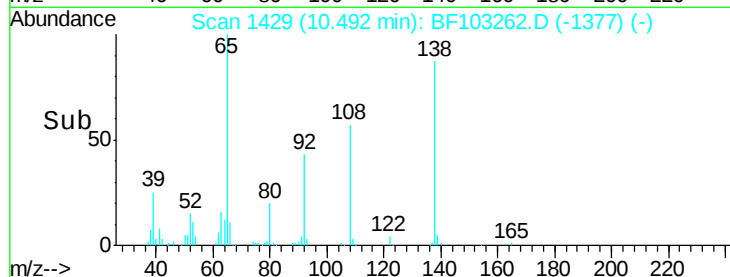
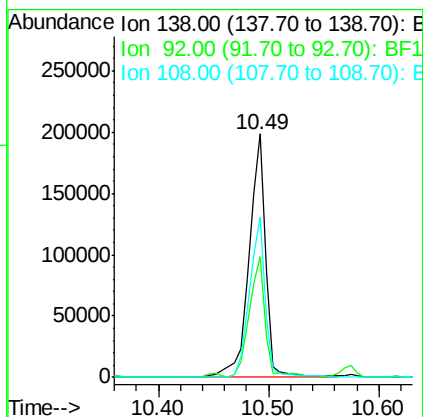
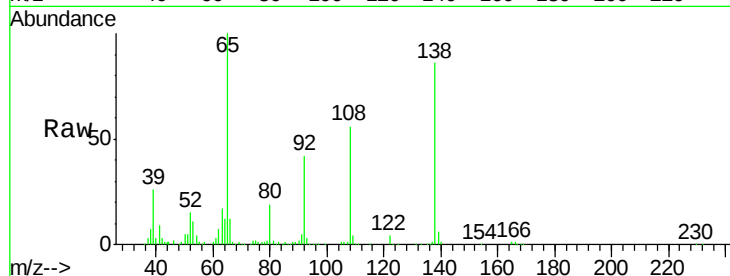




#61
4-Nitroaniline
Concen: 36.979 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

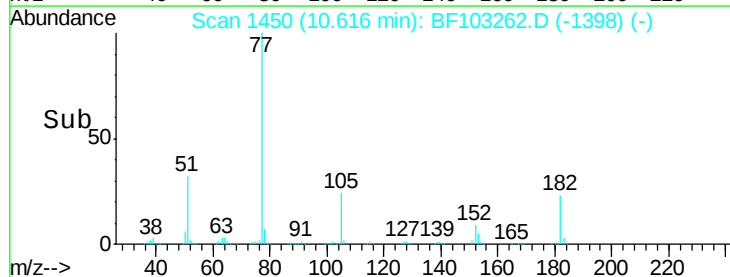
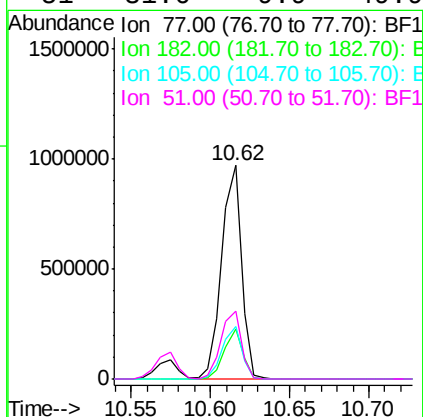
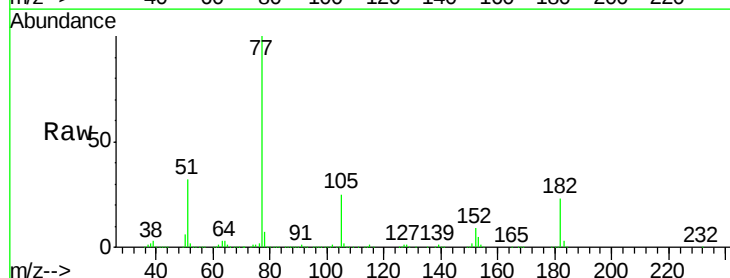
Instrument :
BNA_F
ClientSampled :

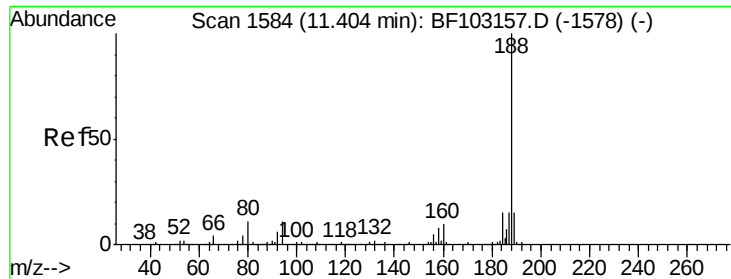
Tot Ion:138 Resp: 211349
Ion Ratio Lower Upper
138 100
92 49.4 30.2 70.2
108 66.0 52.5 92.5



#62
Azobenzene
Concen: 40.380 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion: 77 Resp: 844875
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 24.6 3.0 43.0
51 31.6 9.9 49.9

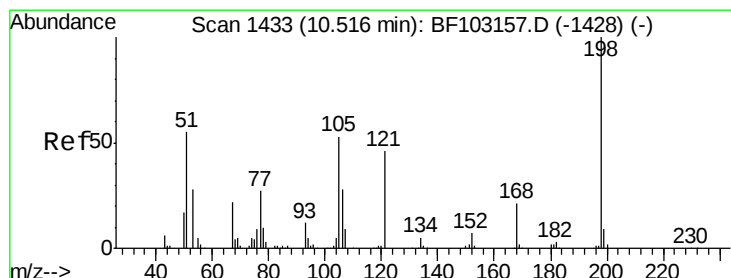
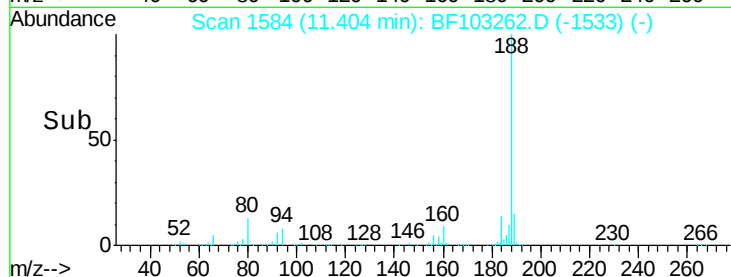
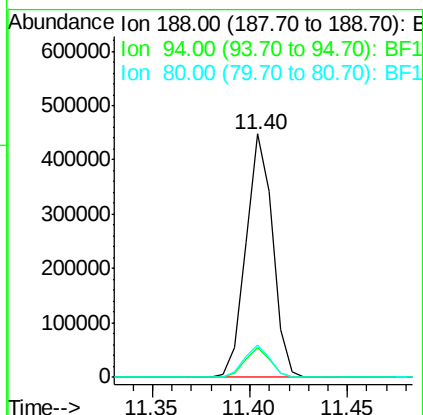
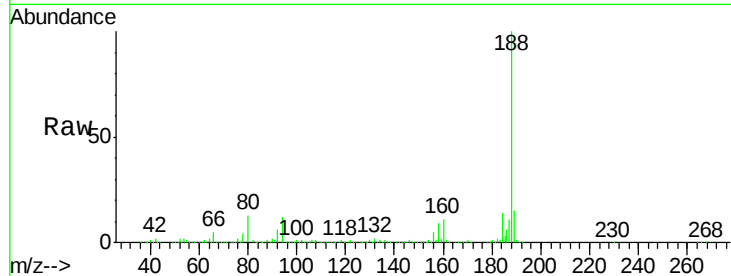




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

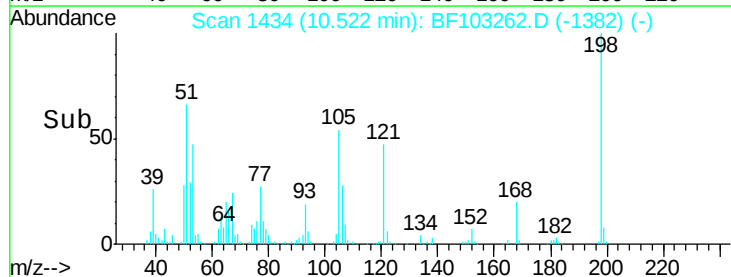
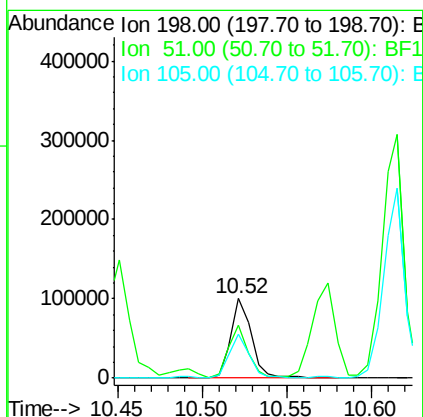
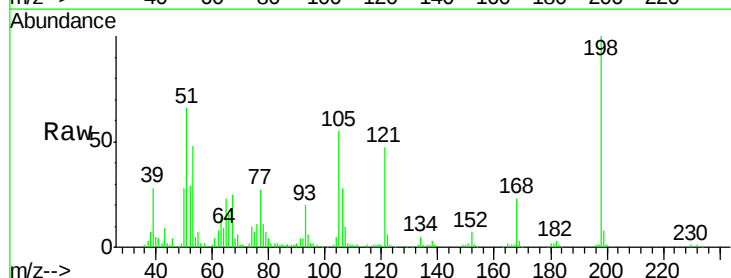
Instrument :
BNA_F
ClientSampled :

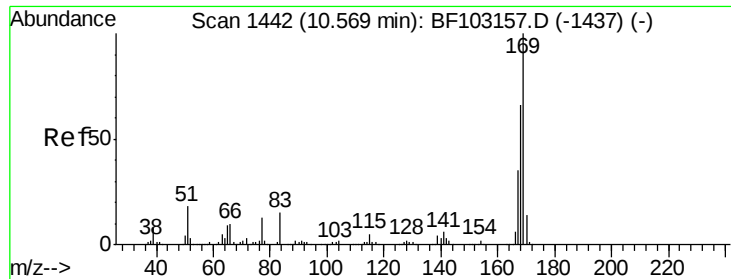
Tot Ion:188 Resp: 425177
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 34.489 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:198 Resp: 85209
Ion Ratio Lower Upper
198 100
51 66.3 37.7 77.7
105 54.8 36.3 76.3

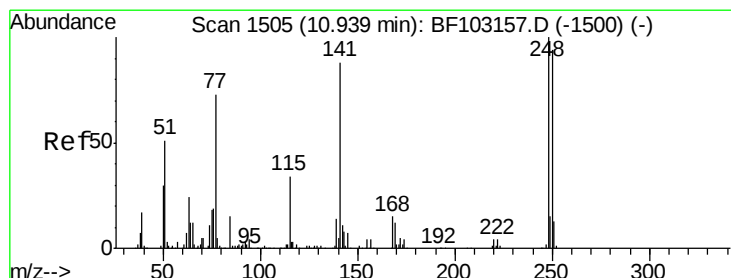
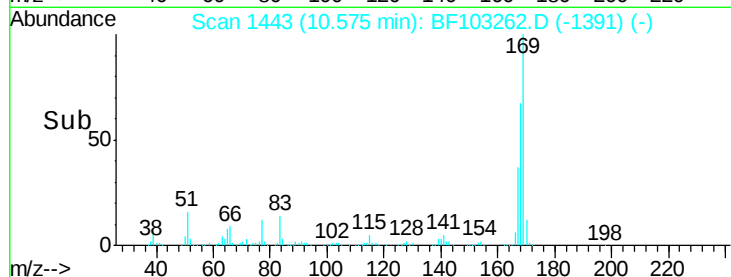
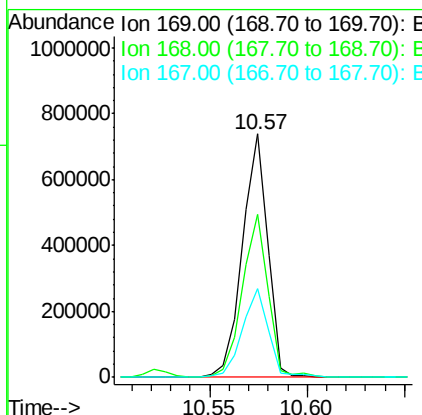
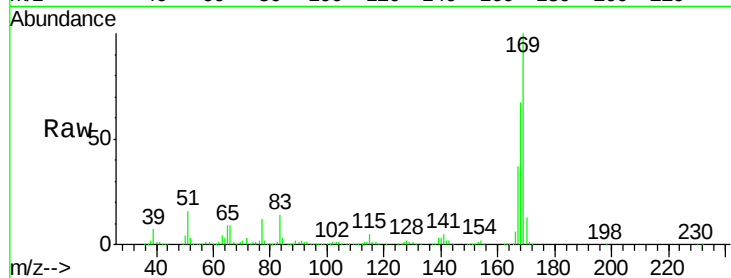




#65
n-Nitrosodiphenylamine
Concen: 44.587 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

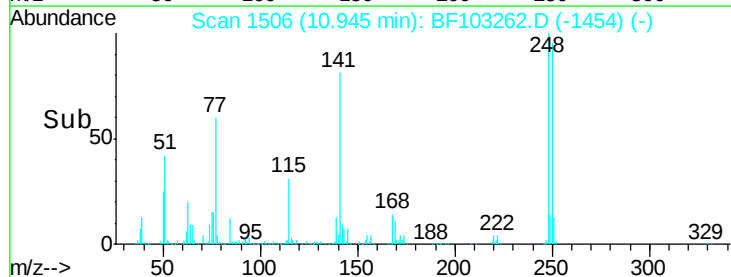
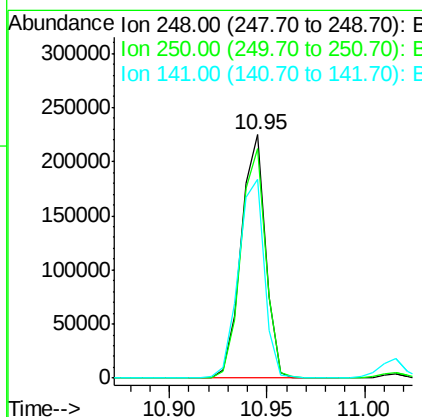
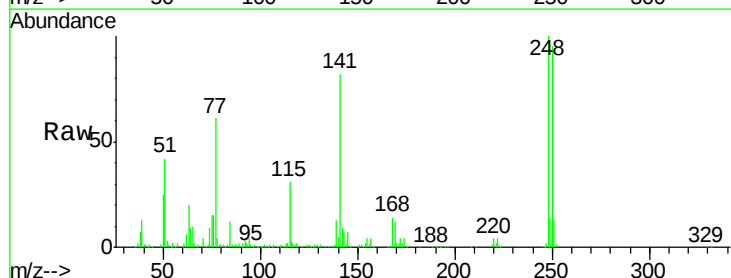
Instrument :
BNA_F
ClientSampleId :

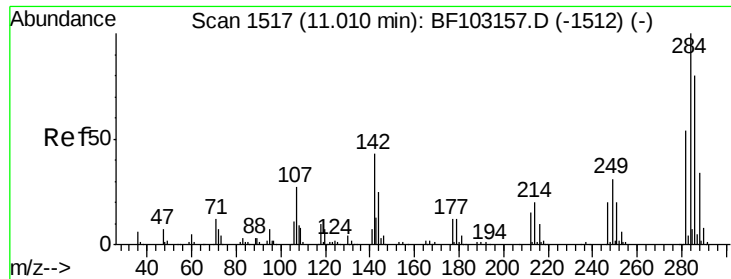
Tot Ion:169 Resp: 660064
Ion Ratio Lower Upper
169 100
168 66.7 54.4 81.6
167 36.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 44.095 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:248 Resp: 195302
Ion Ratio Lower Upper
248 100
250 94.5 76.9 115.3
141 81.5 74.4 111.6

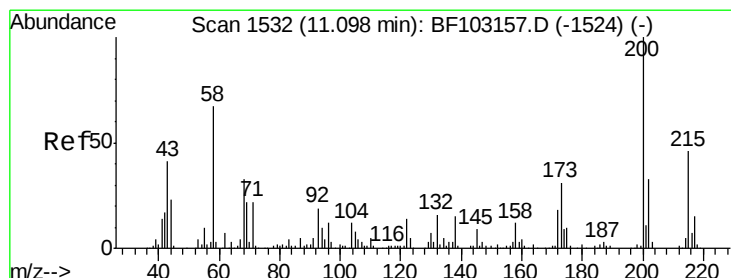
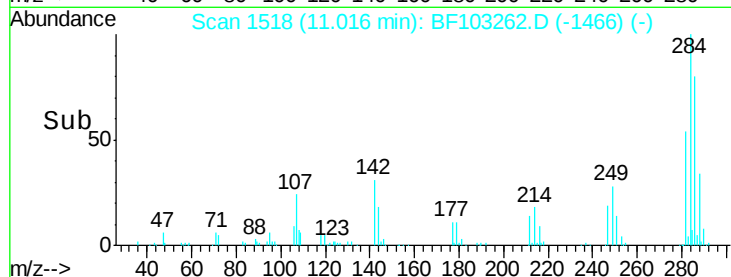
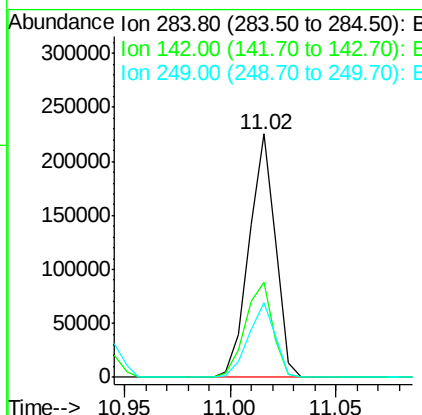
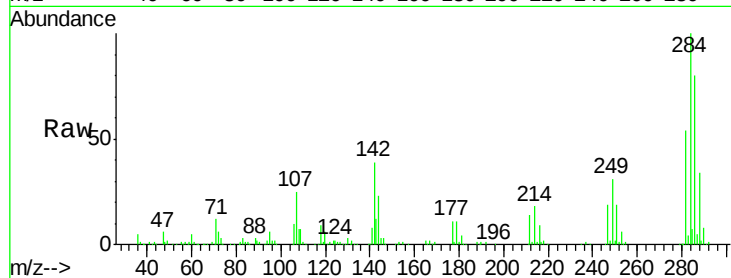




#67
Hexachlorobenzene
Concen: 40.725 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

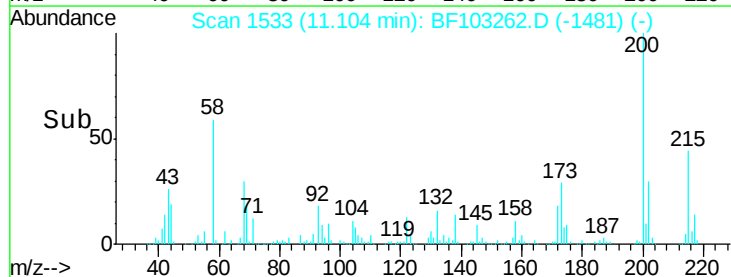
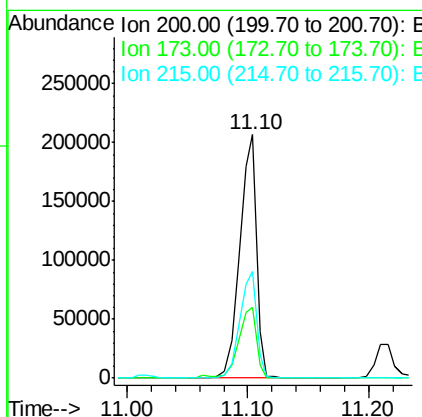
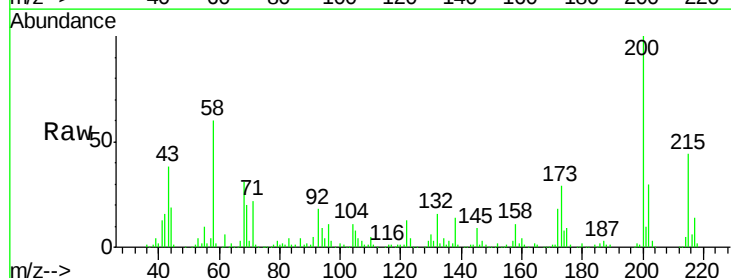
Instrument :
BNA_F
ClientSampleId :

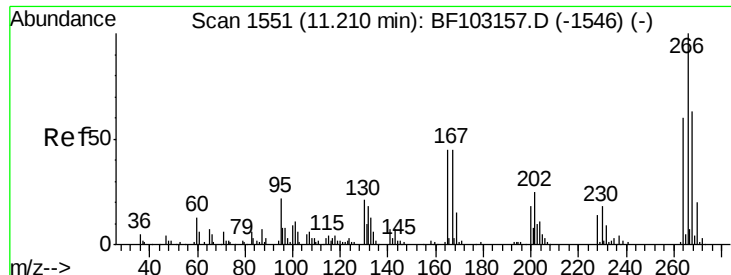
Tot Ion:284 Resp: 195780
Ion Ratio Lower Upper
284 100
142 39.2 34.6 52.0
249 30.7 24.8 37.2



#68
Atrazine
Concen: 45.152 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:200 Resp: 200910
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 43.6 25.1 65.1

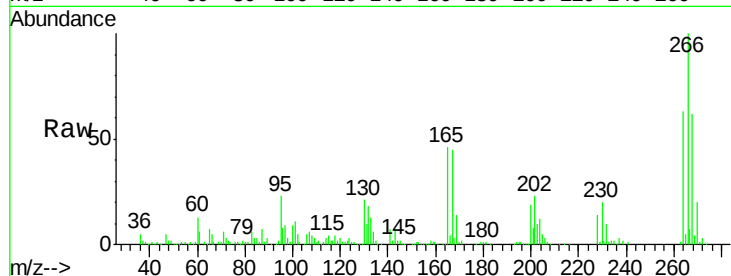




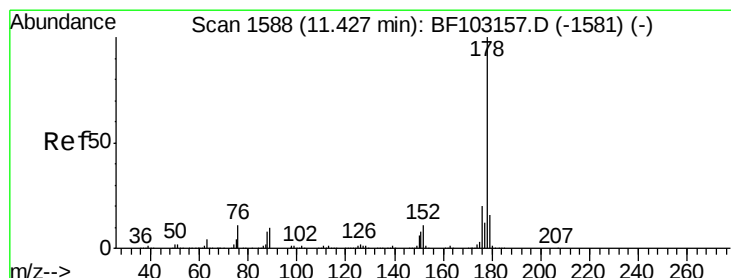
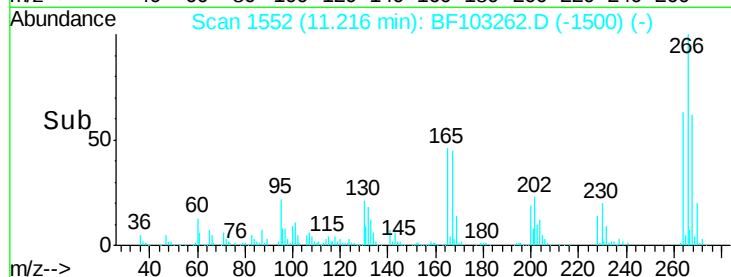
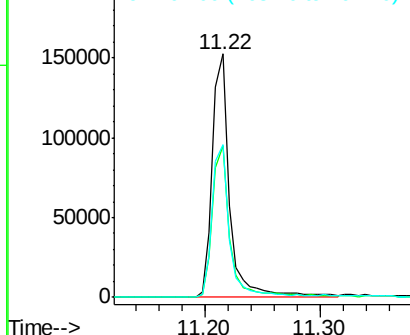
#69
 Pentachlorophenol
 Concen: 69.545 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 161653
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 62.9 49.5 74.3

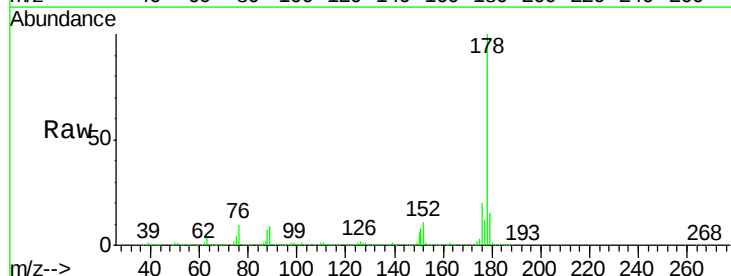


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

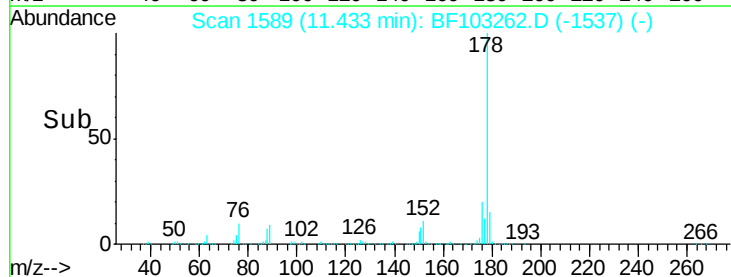
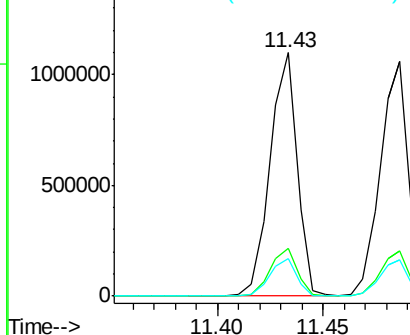


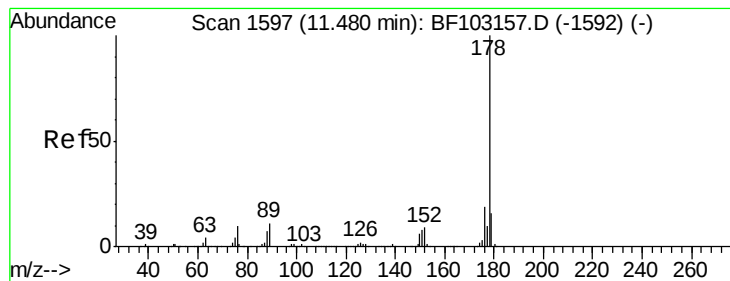
#70
 Phenanthrene
 Concen: 42.033 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion:178 Resp: 983520
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.3 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: 41.328 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampled :

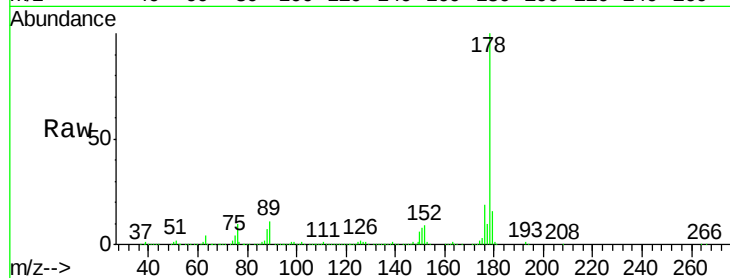
Tot Ion:178 Resp: 991631

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

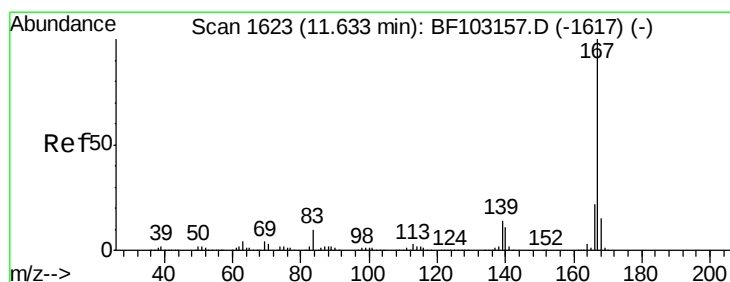
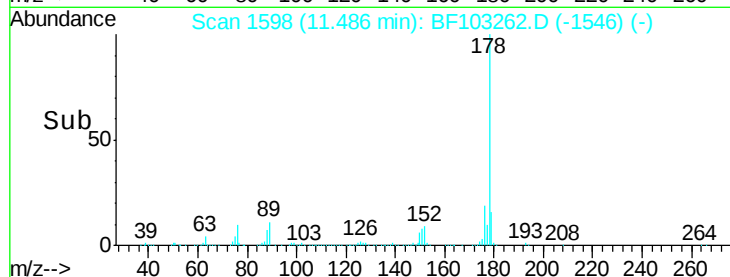
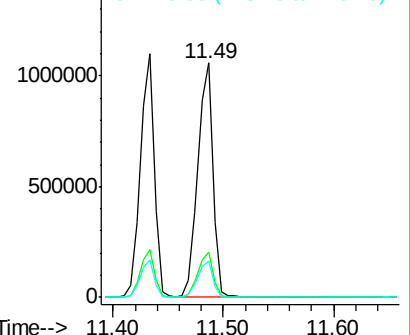
179 15.7 12.6 19.0



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



#72

Carbazole

Concen: 38.096 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

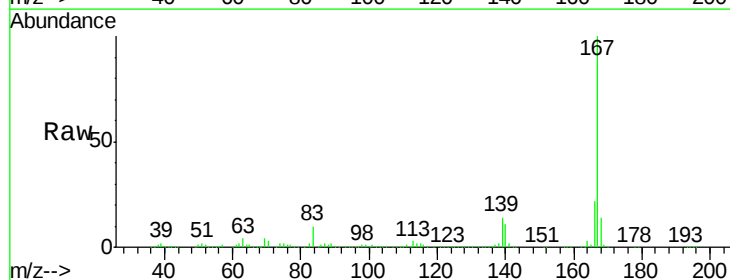
Tgt Ion:167 Resp: 910254

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

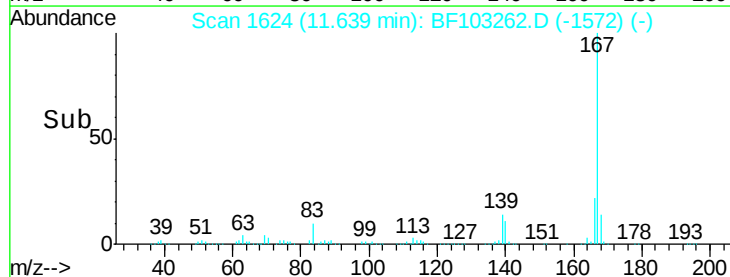
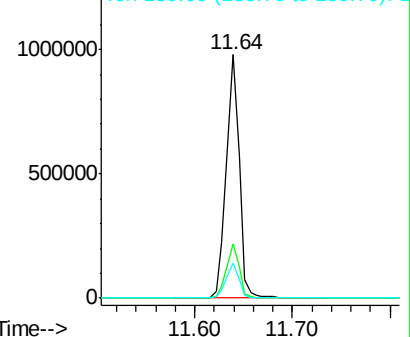
139 14.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.950 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

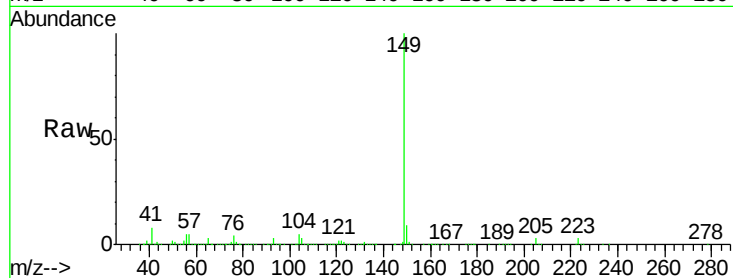
Tot Ion:149 Resp: 1254254

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

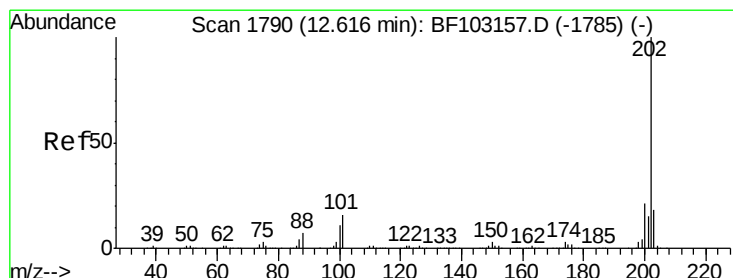
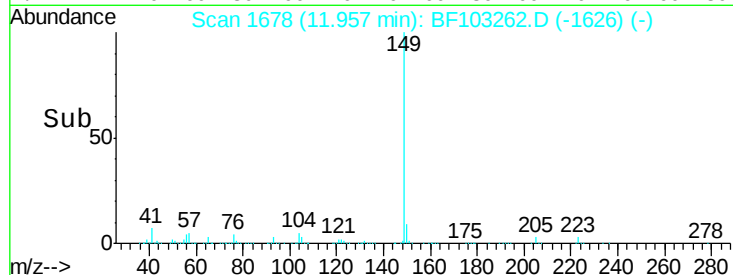
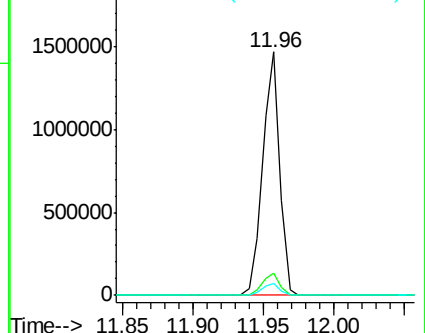
104 4.7 3.8 5.8



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: 38.779 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

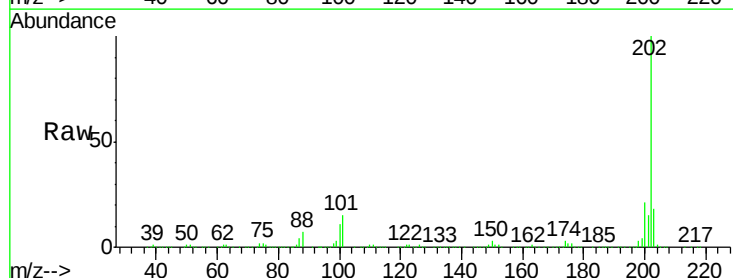
Tgt Ion:202 Resp: 911810

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.1

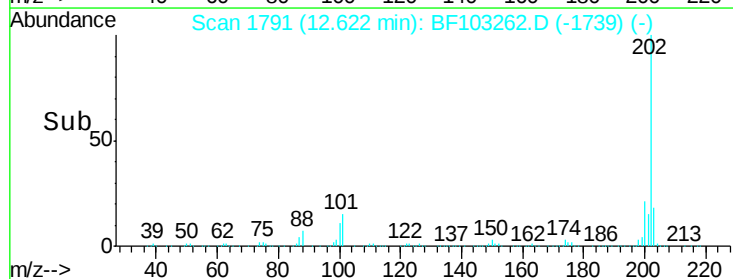
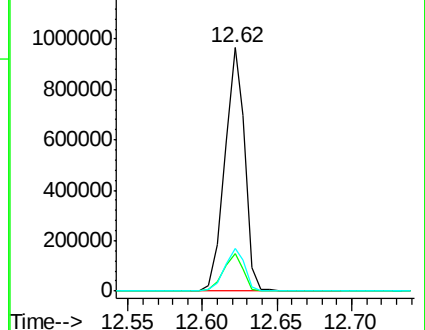
203 17.5 0.0 38.1

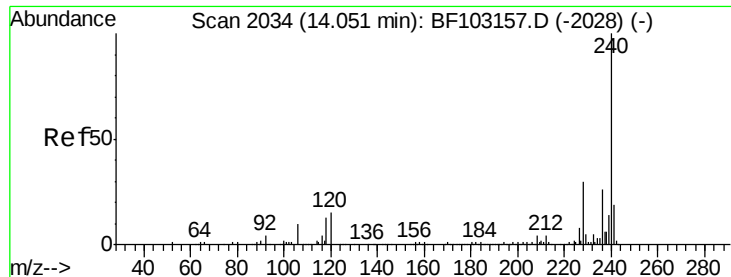


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

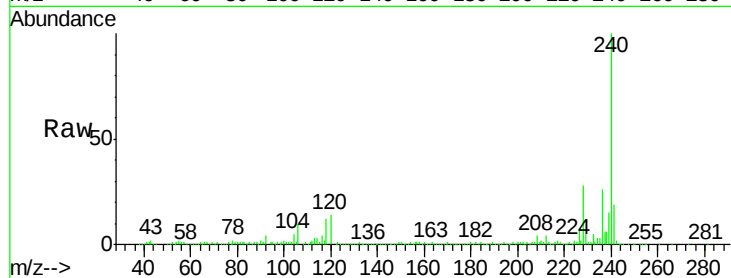
Tot Ion:240 Resp: 245765

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

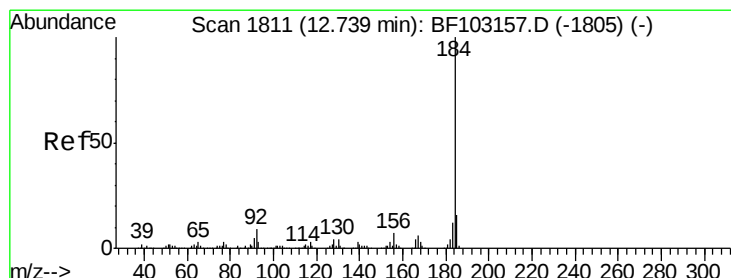
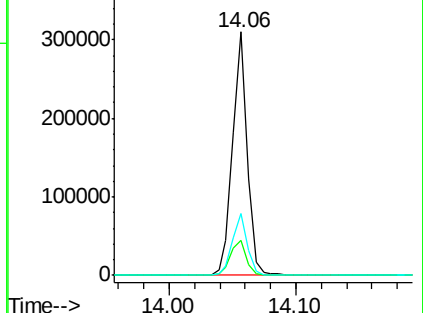
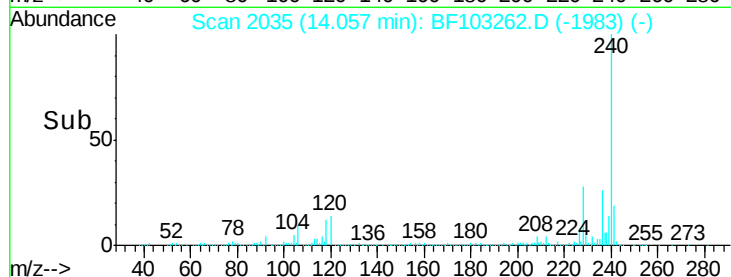
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.727 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

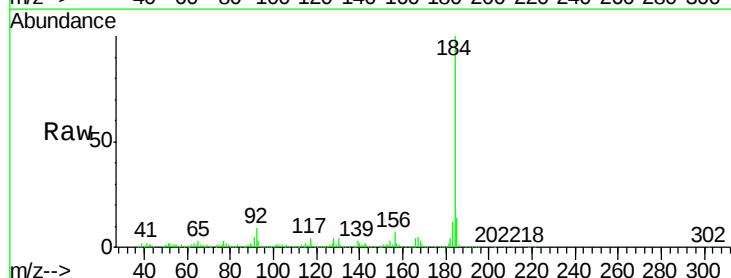
Tgt Ion:184 Resp: 475263

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

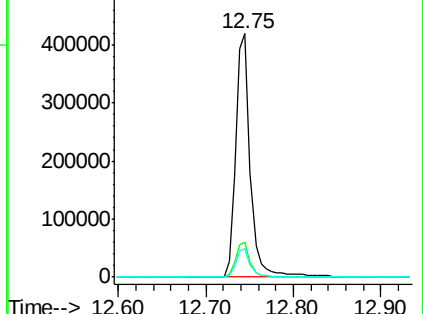
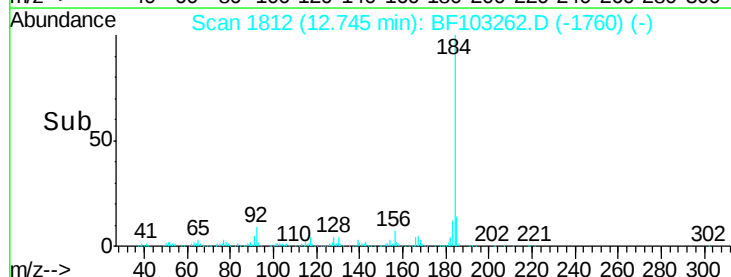
183 11.7 9.3 13.9

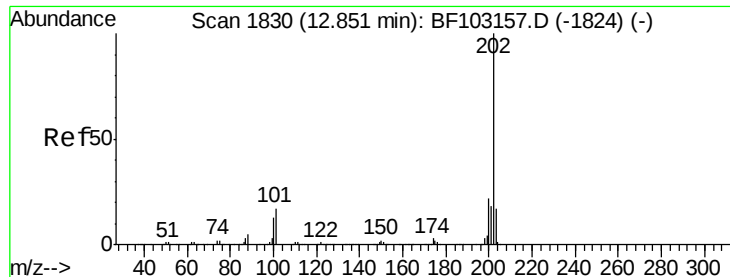


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.191 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

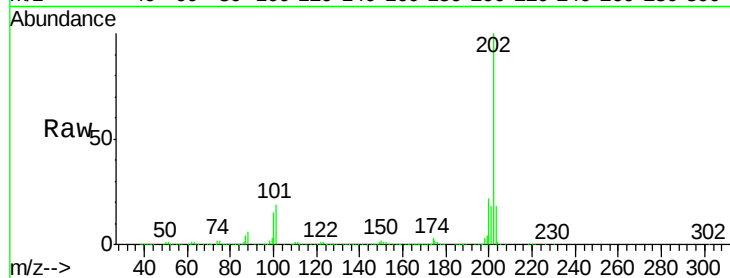
Tot Ion:202 Resp: 885081

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

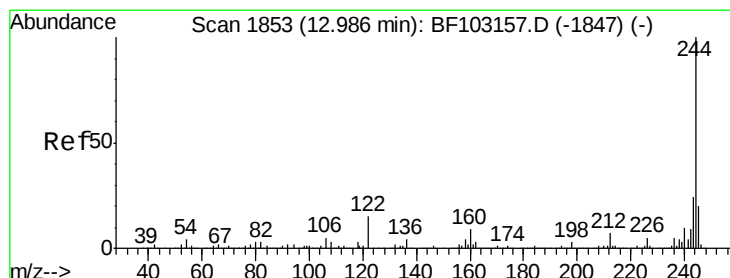
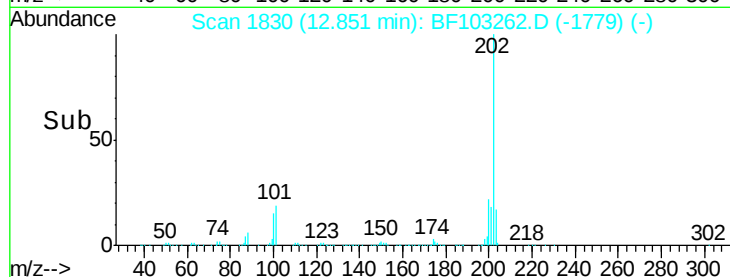
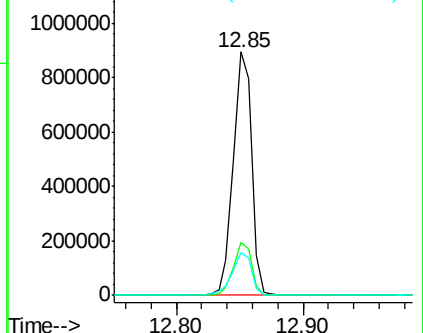
203 17.6 14.3 21.5



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: 94.975 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

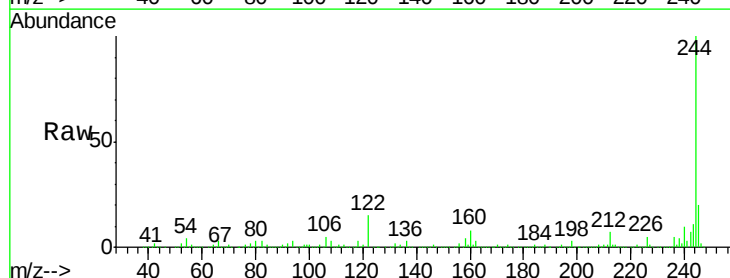
Tgt Ion:244 Resp: 971000

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

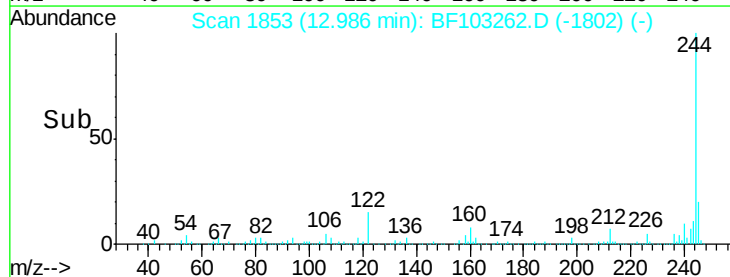
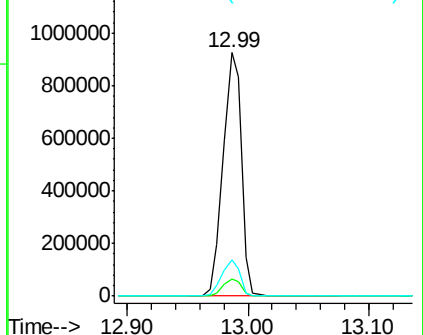
122 14.7 11.0 16.4

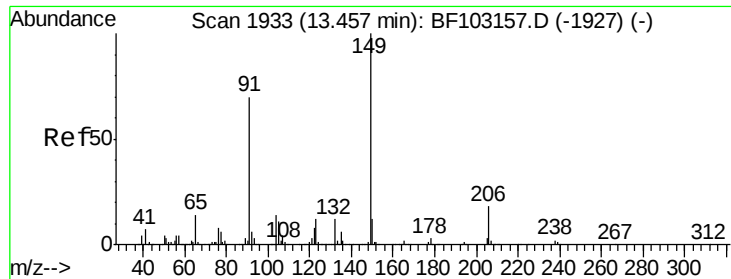


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

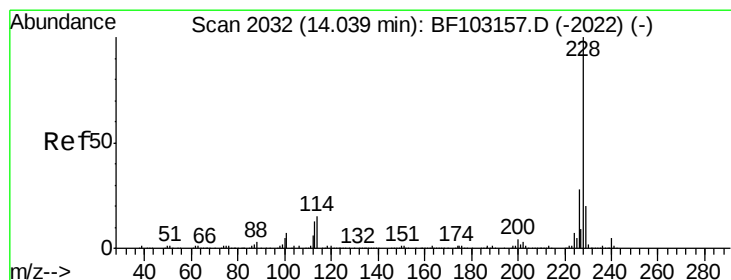
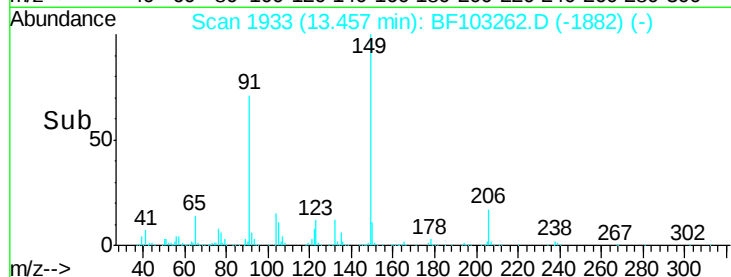
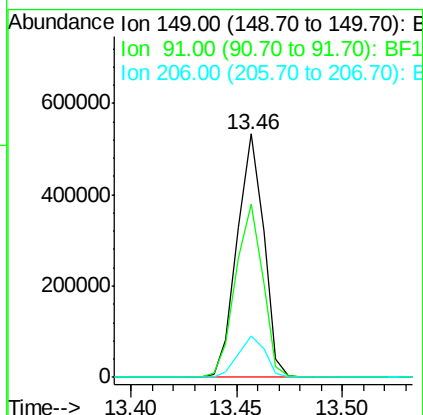
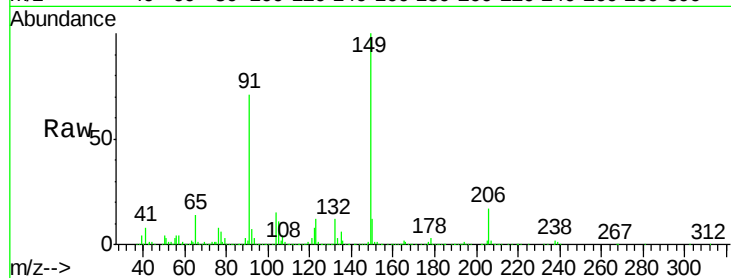




#79
Butylbenzylphthalate
Concen: 45.765 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

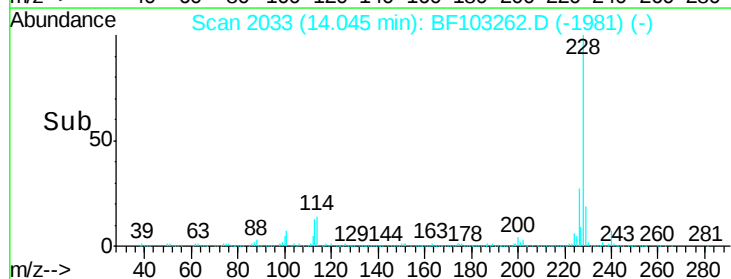
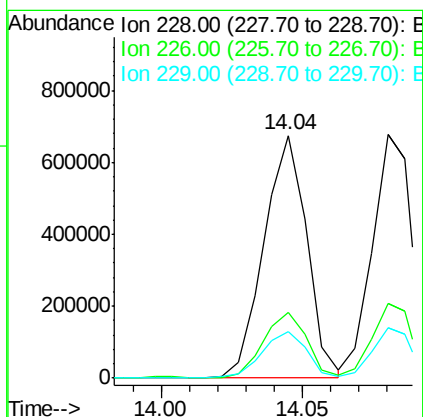
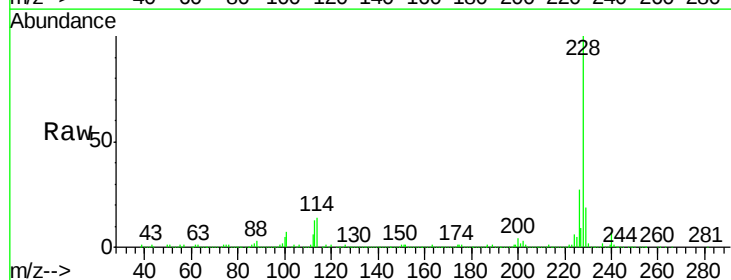
Instrument :
BNA_F
ClientSampleId :

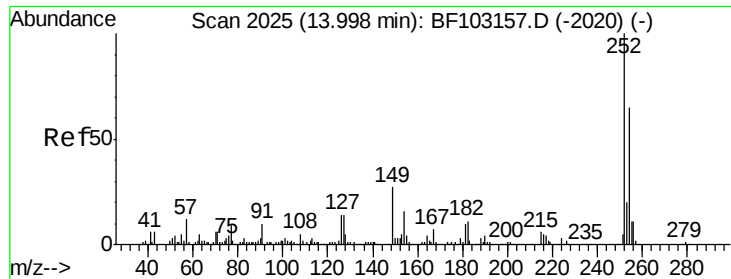
Tot Ion:149 Resp: 463309
Ion Ratio Lower Upper
149 100
91 71.1 56.8 85.2
206 16.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.480 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:228 Resp: 709279
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.3 15.8 23.6

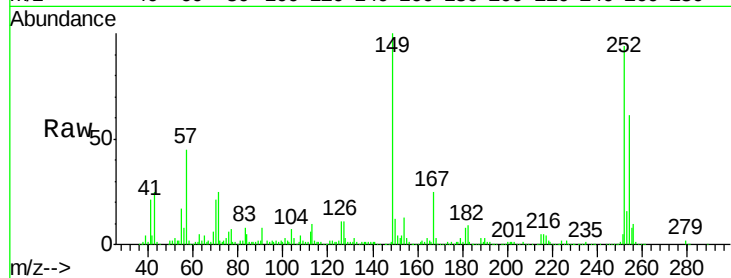




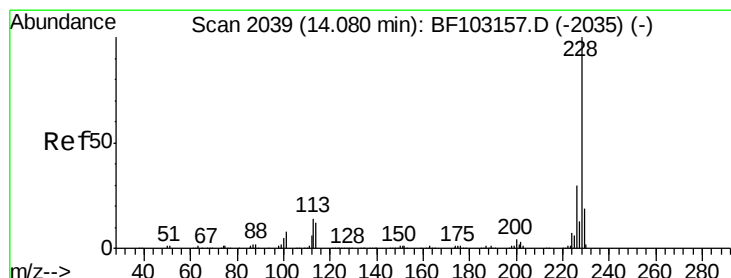
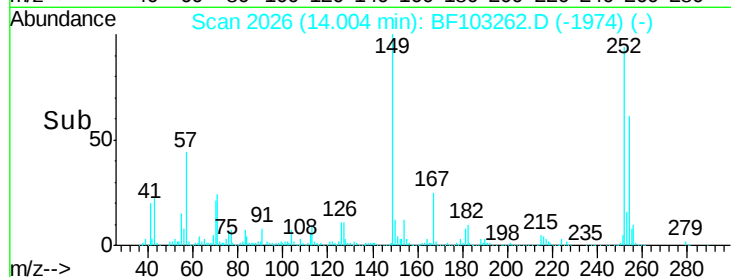
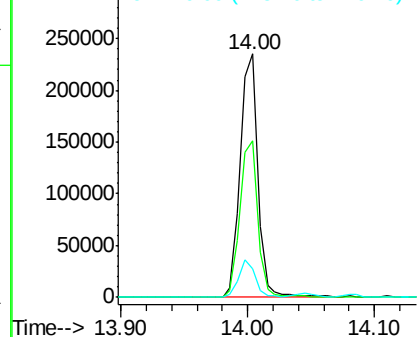
#81
 3,3'-Dichlorobenzidine
 Concen: 39.611 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 225421
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.4 75.6
 126 12.0 11.3 16.9

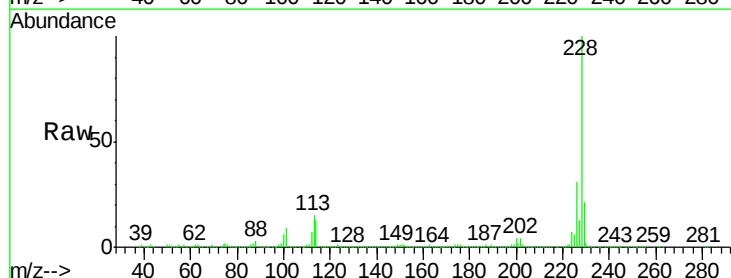


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

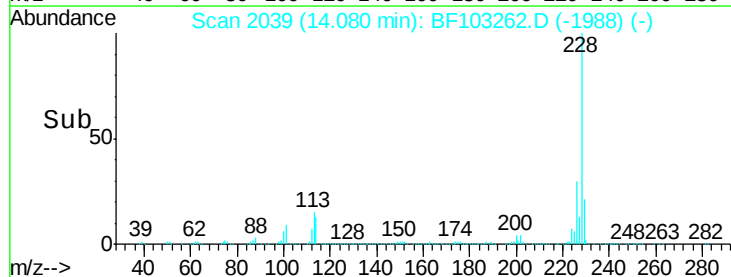
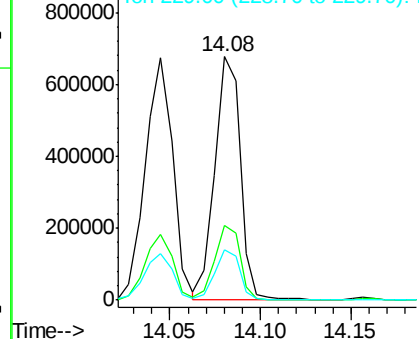


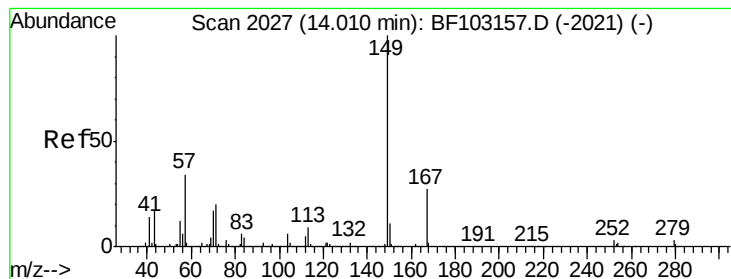
#82
 Chrysene
 Concen: 42.442 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion:228 Resp: 657137
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 20.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.972 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

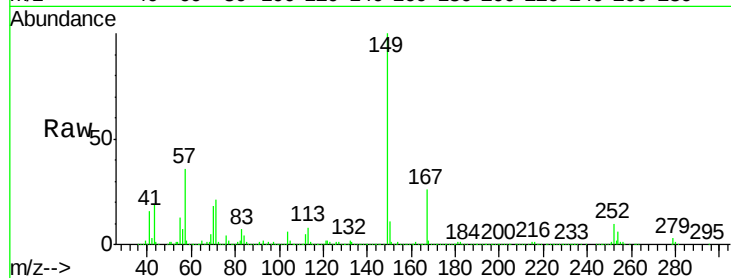
Tot Ion:149 Resp: 614384

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

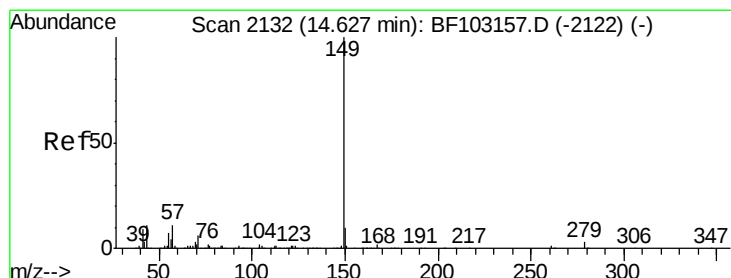
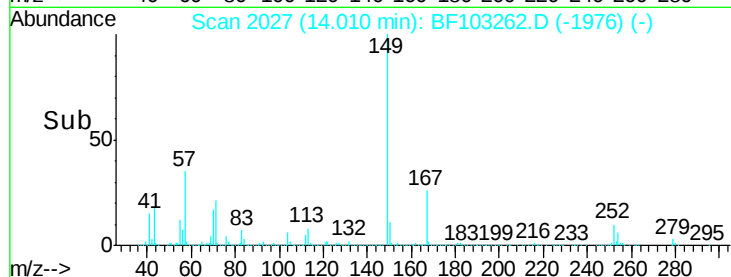
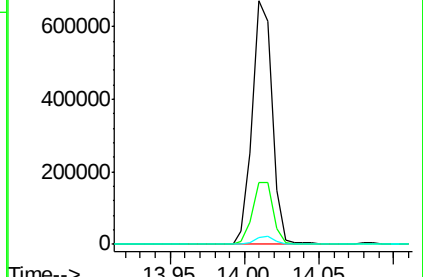
279 2.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.284 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

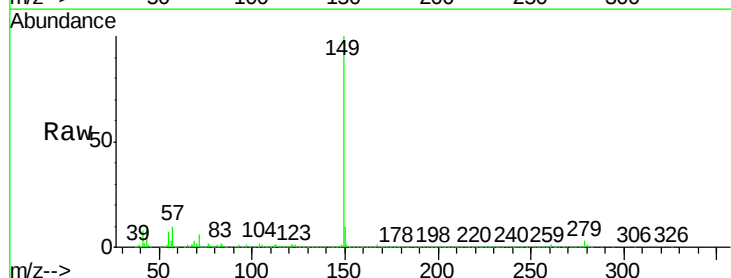
Tgt Ion:149 Resp: 1021615

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

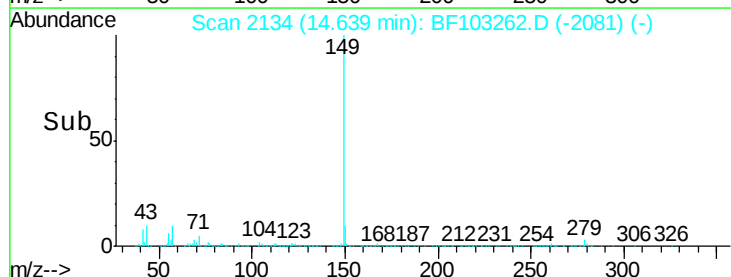
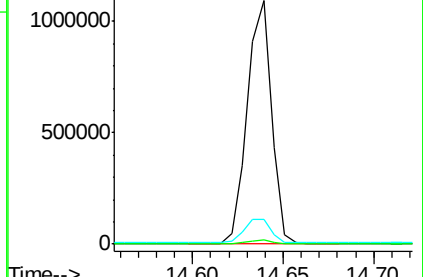
43 11.2 8.4 12.6

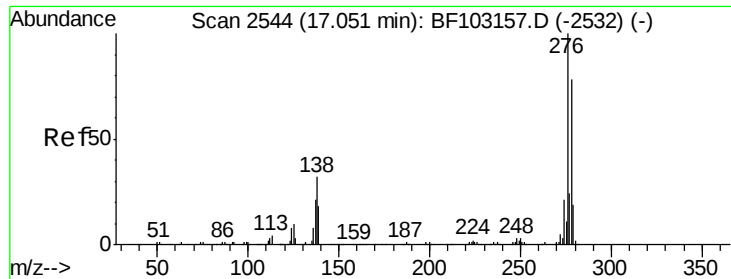


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

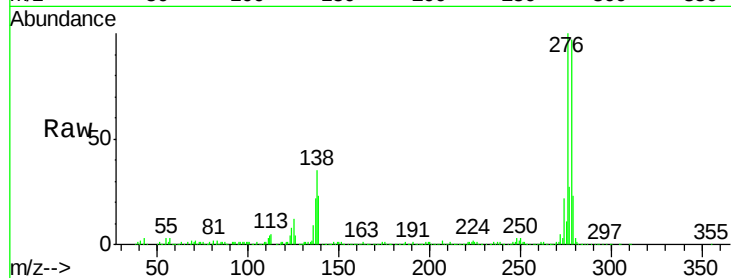




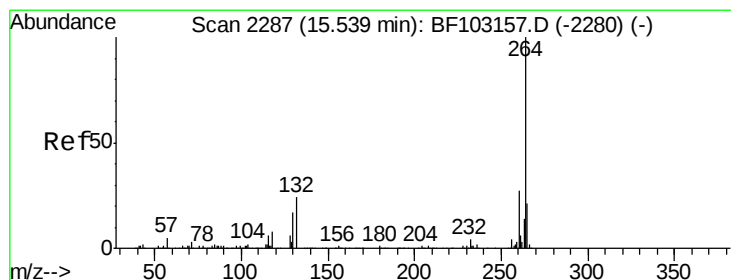
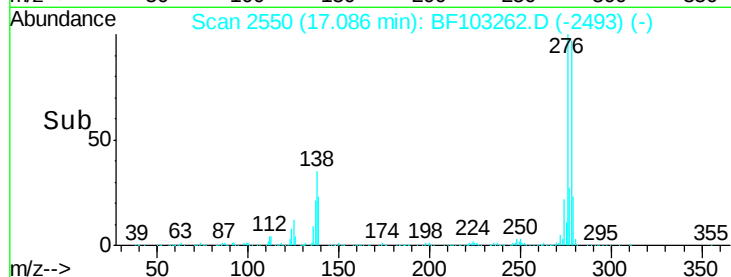
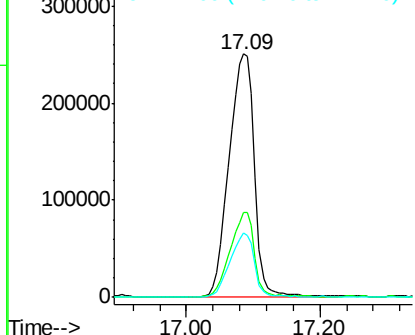
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.513 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. 0.04 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 668204
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.0 37.6
 277 25.4 20.1 30.1

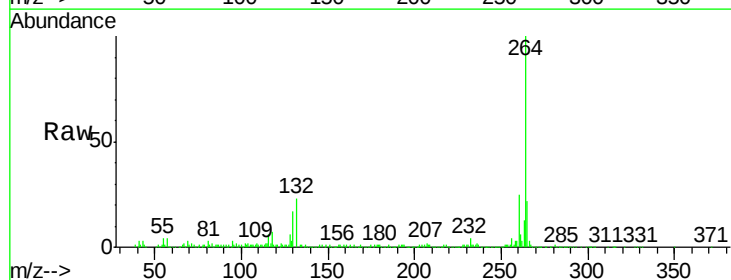


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

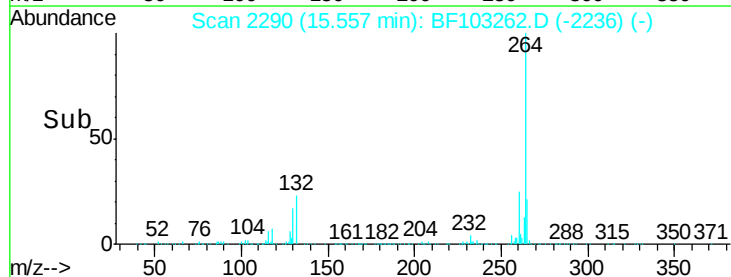
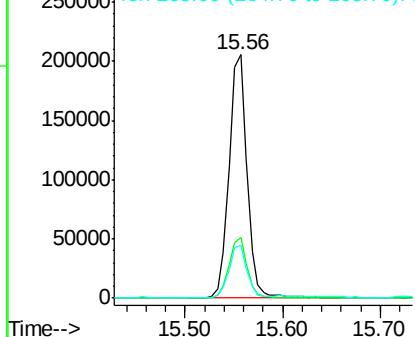


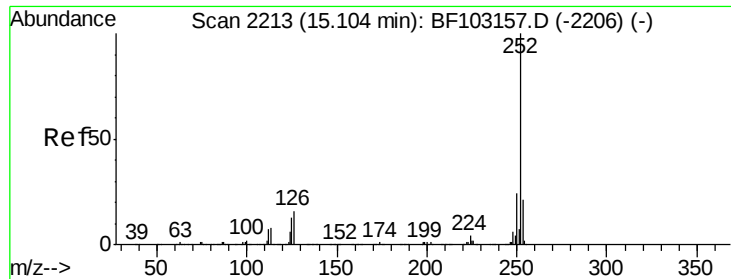
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.02 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion:264 Resp: 264689
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.7 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

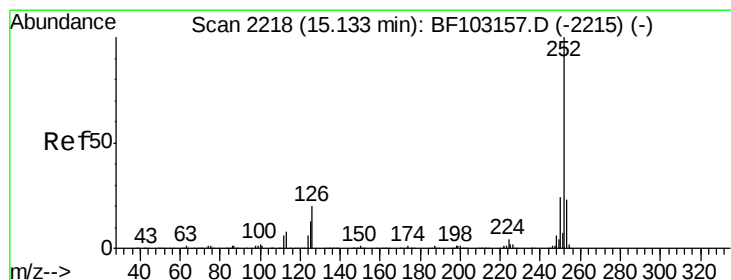
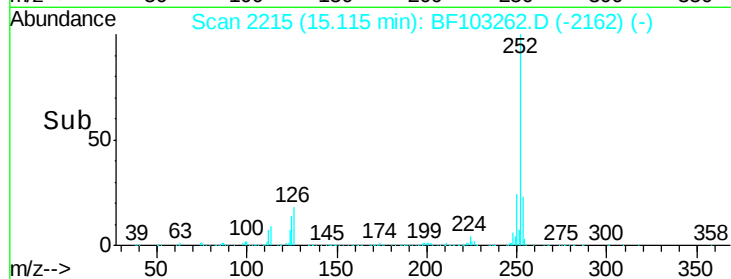
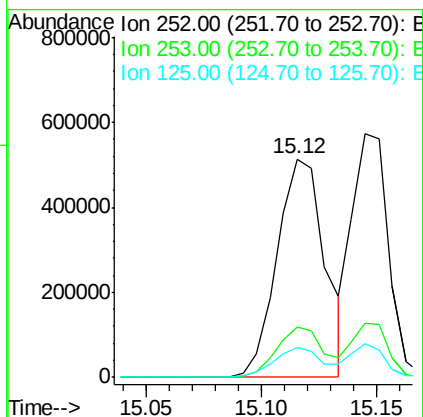
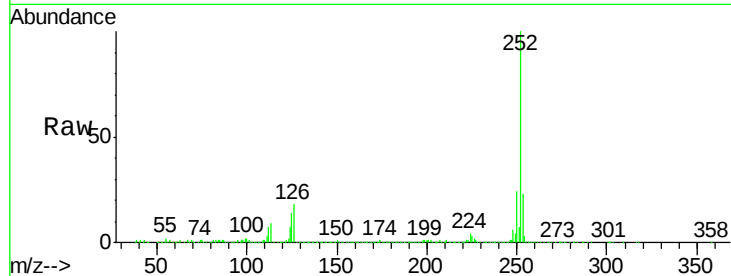




#87
Benzo(b)fluoranthene
Concen: 42.456 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

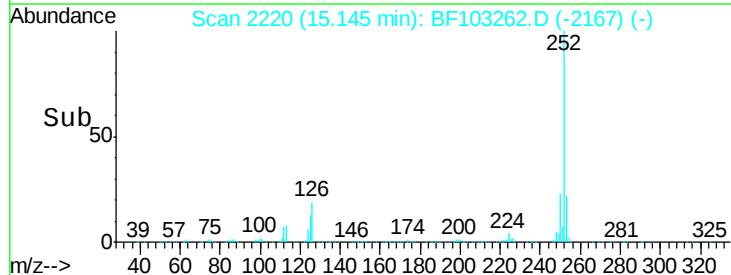
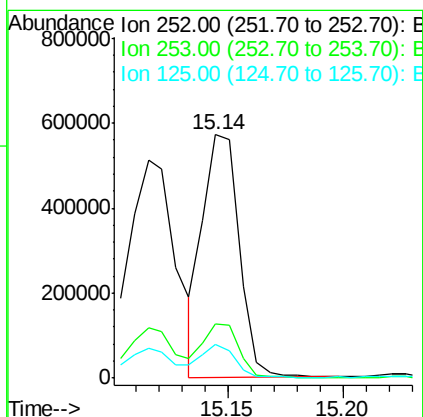
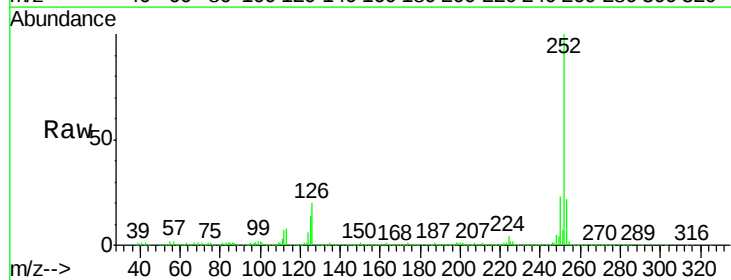
Instrument :
BNA_F
ClientSampleId :

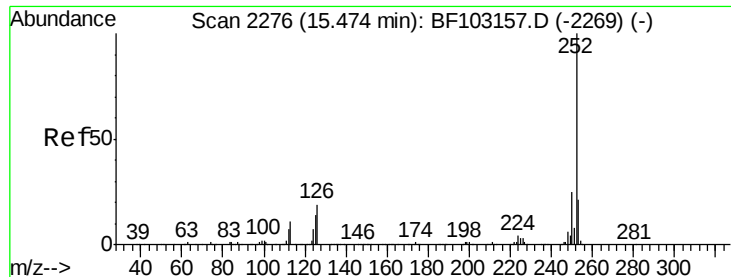
Tot Ion:252 Resp: 738862
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 13.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 38.009 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:252 Resp: 622891
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.6 10.2 15.2

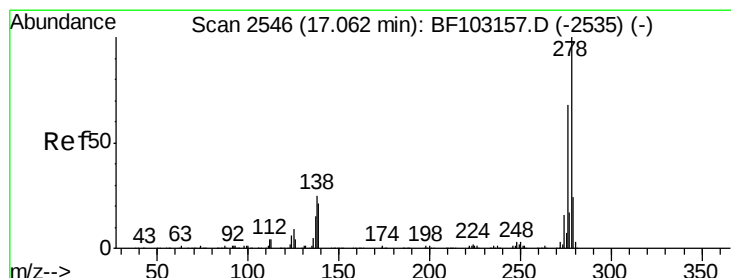
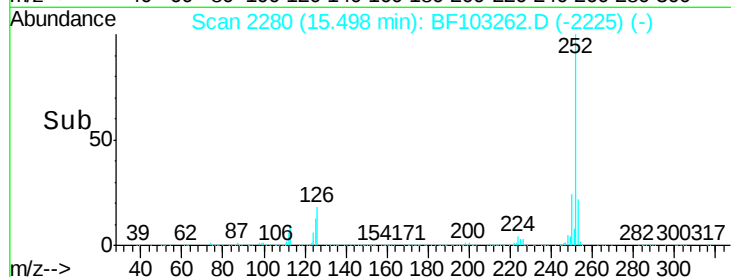
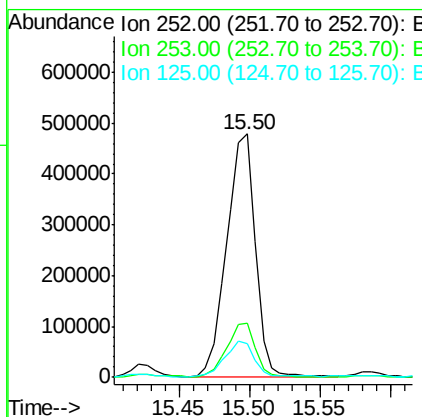
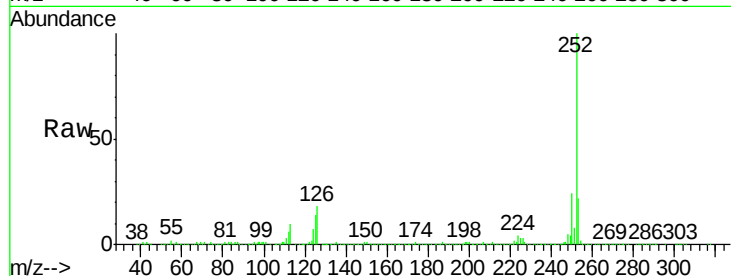




#89
Benzo(a)pyrene
Concen: 43.707 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

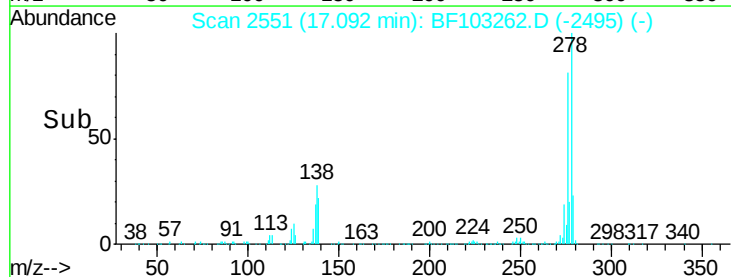
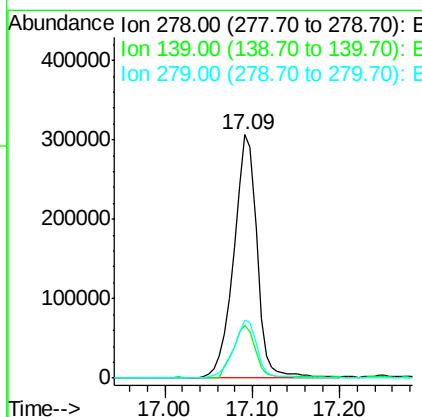
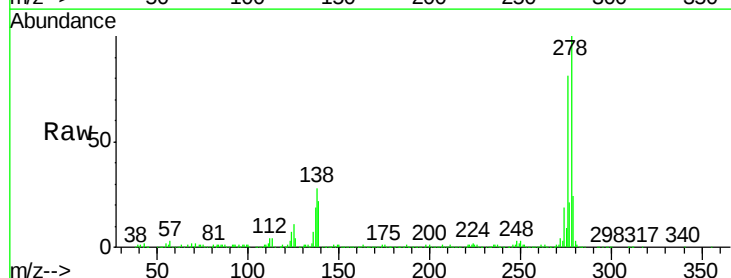
Instrument :
BNA_F
ClientSampleId :

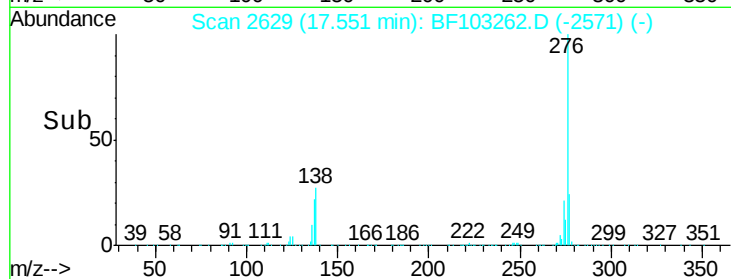
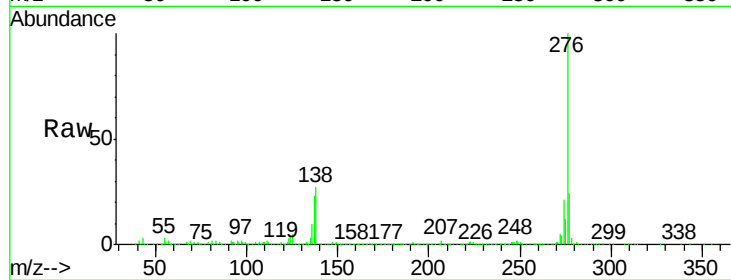
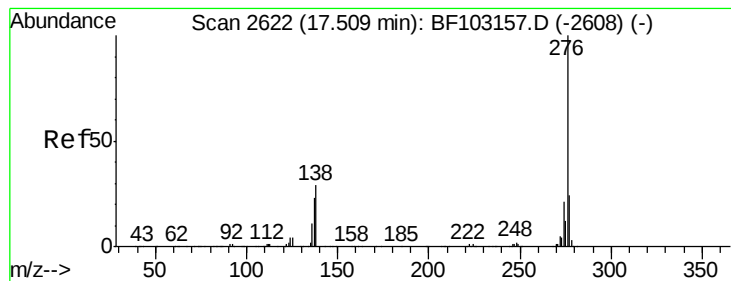
Tot Ion:252 Resp: 679250
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 13.7 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.323 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.03 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:278 Resp: 544272
Ion Ratio Lower Upper
278 100
139 21.9 15.9 23.9
279 23.6 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.613 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.04 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	27.0	21.8	32.8

