

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103447.D
 Acq On : 6 Mar 2018 11:24
 Operator : SJ/JU
 Sample : PB106993BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 11:55:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	97707	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	427898	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	189189	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	350567	20.00	ng	0.00
75) Chrysene-d12	14.06	240	292092	20.00	ng	0.00
86) Perylene-d12	15.58	264	249300	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	77658	12.02	ng	0.02
7) Phenol-d6	6.52	99	111027	14.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	71650	9.56	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	18791	11.73	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	131475	7.68	ng	0.00
78) Terphenyl-d14	12.99	244	127907	10.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	13440	3.939	ng	99
6) Aniline	6.55	93	27691	2.427	ng	# 45
8) 2-Chlorophenol	6.66	128	31656	4.717	ng	90
10) Phenol	6.54	94	44388	4.837	ng	# 59
11) bis(2-Chloroethyl)ether	6.60	93	26543	3.811	ng	98
12) 1,3-Dichlorobenzene	6.81	146	33565	4.377	ng	97
13) 1,4-Dichlorobenzene	6.89	146	35380	4.601	ng	97
14) 1,2-Dichlorobenzene	7.04	146	32609	4.599	ng	98
15) Benzyl Alcohol	7.04	79	26307	4.416	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	50726	4.241	ng	54
17) 2-Methylphenol	7.14	107	25390	4.163	ng	# 71
18) Hexachloroethane	7.37	117	12594	4.499	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	27090	5.506	ng	96
20) 3+4-Methylphenols	7.30	107	37622	5.060	ng	# 75
22) Acetophenone	7.29	105	49362	4.942	ng	# 94
24) Nitrobenzene	7.46	77	35505	4.304	ng	94
25) Isophorone	7.69	82	71644	4.855	ng	95
26) 2-Nitrophenol	7.78	139	16155	4.160	ng	92
27) 2,4-Dimethylphenol	7.82	122	29630	4.991	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	43250	4.985	ng	97
29) 2,4-Dichlorophenol	8.05	162	25929	4.562	ng	92
30) 1,2,4-Trichlorobenzene	8.10	180	25544	4.221	ng	97
31) Naphthalene	8.17	128	97302	4.645	ng	99
32) Benzoic acid	7.96	122	1472	7.200	ng	# 81
33) 4-Chloroaniline	8.25	127	26803	2.965	ng	# 91
34) Hexachlorobutadiene	8.28	225	12542	3.980	ng	99
35) Caprolactam	8.59	113	8608	4.310	ng	# 75
36) 4-Chloro-3-methylphenol	8.73	107	30332	4.732	ng	98
37) 2-Methylnaphthalene	8.87	142	64146	4.738	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	23147	4.475	ng	99
40) Hexachlorocyclopentadiene	9.02	237	685	9.216	ng	90
42) 2,4,6-Trichlorophenol	9.16	196	15434	4.435	ng	98
43) 2,4,5-Trichlorophenol	9.22	196	17492	4.370	ng	96
45) 1,1'-Biphenyl	9.33	154	76763	4.842	ng	95

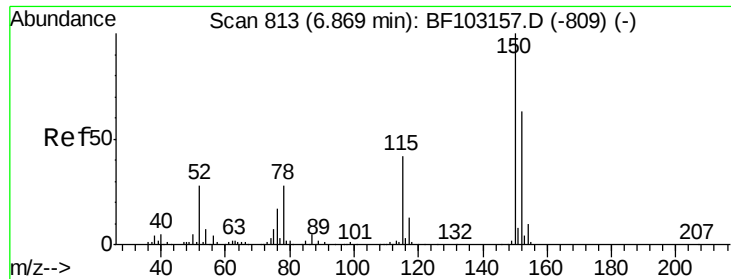
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103447.D
 Acq On : 6 Mar 2018 11:24
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.36	162	56505	4.505	ng	99
47) 2-Nitroaniline	9.47	65	20919	4.503	ng	# 80
48) Acenaphthylene	9.77	152	89248	4.625	ng	99
49) Dimethylphthalate	9.62	163	65977	4.347	ng	98
50) 2,6-Dinitrotoluene	9.70	165	13288	4.172	ng	# 70
51) Acenaphthene	9.95	154	51328	4.562	ng	98
52) 3-Nitroaniline	9.89	138	13236	3.276	ng	89
54) Dibenzofuran	10.12	168	85383	5.528	ng	94
55) 4-Nitrophenol	10.12	139	50984	20.358	ng	# 20
56) 2,4-Dinitrotoluene	10.12	165	18640	4.627	ng	# 50
57) Fluorene	10.46	166	67887	5.159	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	11898	4.425	ng	# 94
59) Diethylphthalate	10.32	149	73277	5.048	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	28016	5.021	ng	100
61) 4-Nitroaniline	10.50	138	16573	4.106	ng	97
62) Azobenzene	10.61	77	77727	5.261	ng	94
64) 4,6-Dinitro-2-methylphenol	10.55	198	874	5.313	ng	# 32
65) n-Nitrosodiphenylamine	10.57	169	56525	4.631	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	15873	4.347	ng	93
67) Hexachlorobenzene	11.02	284	15194	3.833	ng	92
68) Atrazine	11.09	200	16174	4.409	ng	98
69) Pentachlorophenol	11.23	266	5323	2.777	ng	90
70) Phenanthrene	11.43	178	91644	4.750	ng	98
71) Anthracene	11.49	178	97429	4.925	ng	99
72) Carbazole	11.65	167	94527	4.798	ng	100
73) Di-n-butylphthalate	11.95	149	121917	4.946	ng	100
74) Fluoranthene	12.63	202	95779	4.940	ng	96
76) Benzidine	12.76	184	29711	2.721	ng	97
77) Pvrene	12.86	202	102741	4.511	ng	99
79) Butylbenzylphthalate	13.46	149	55799	4.638	ng	96
80) Benzo(a)anthracene	14.05	228	82488	4.352	ng	97
81) 3,3'-Dichlorobenzidine	14.02	252	20485	3.029	ng	99
82) Chrysene	14.09	228	81966	4.454	ng	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	75407	4.644	ng	# 99
84) Di-n-octyl phthalate	14.64	149	122172	4.657	ng	# 88
85) Indeno(1,2,3-cd)pyrene	17.13	276	60772	4.171	ng	# 94
87) Benzo(b)fluoranthene	15.13	252	72582	4.428	ng	# 95
88) Benzo(k)fluoranthene	15.16	252	70328	4.556	ng	# 97
89) Benzo(a)pyrene	15.52	252	66252	4.526	ng	# 94
90) Dibenzo(a,h)anthracene	17.13	278	49517	4.378	ng	# 93
91) Benzo(g,h,i)perylene	17.60	276	48071	4.349	ng	# 87

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

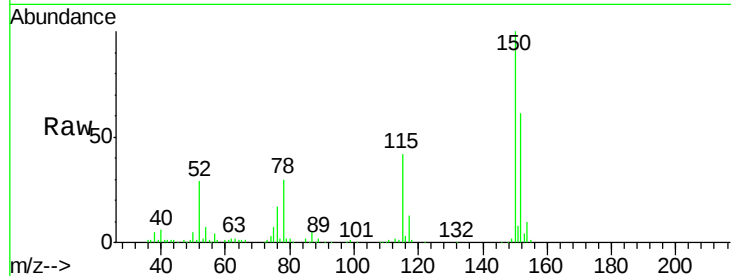


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	124.6	186.8
115	68.4	50.1	75.1

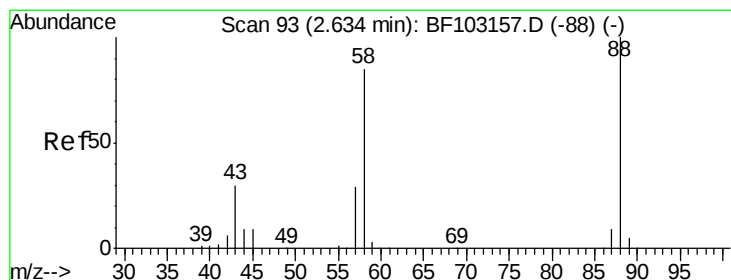
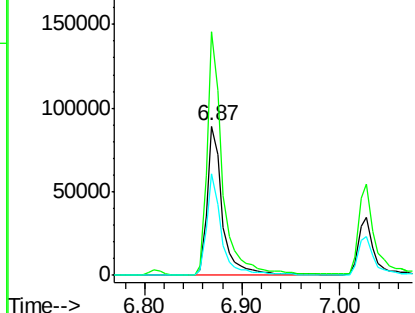
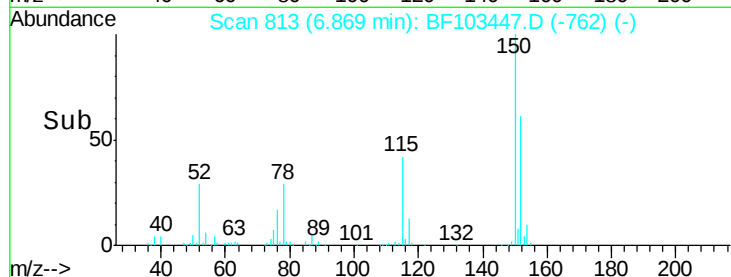


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

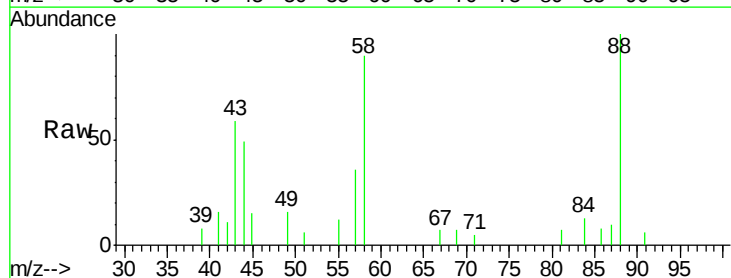
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 3.939 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	62.6	93.8
43	29.6	24.6	37.0

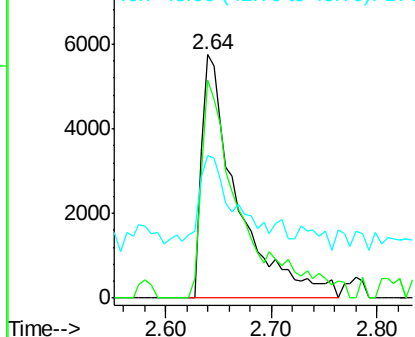
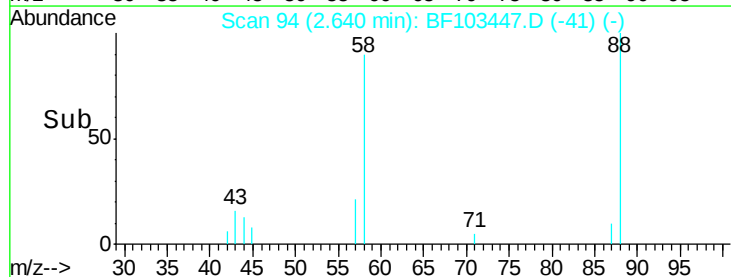


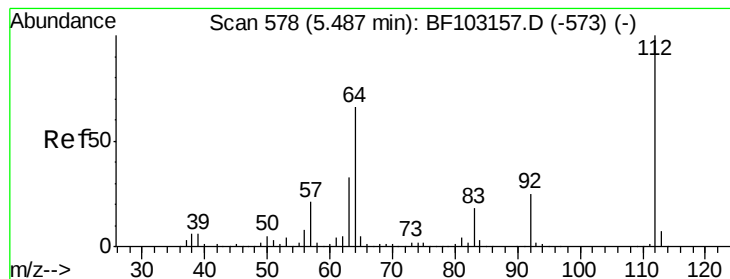
Abundance

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





#5

2-Fluorophenol

Concen: 12.021 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

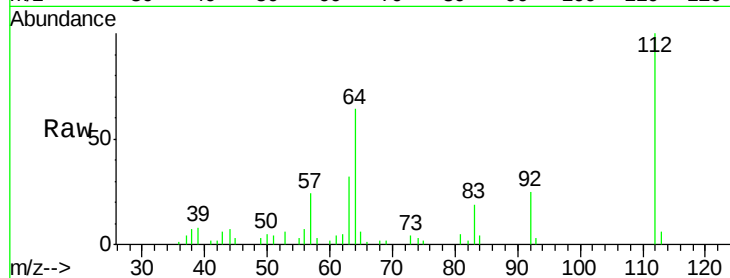
Tot Ion:112 Resp: 77658

Ion Ratio Lower Upper

112 100

64 63.9 47.9 71.9

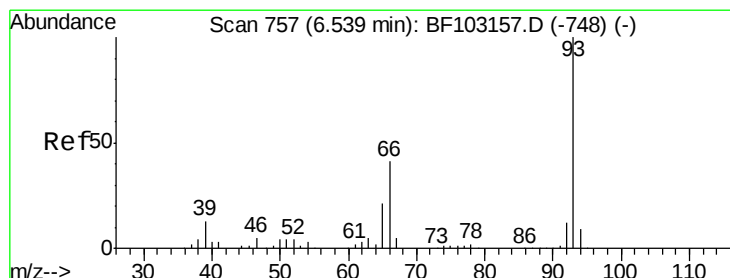
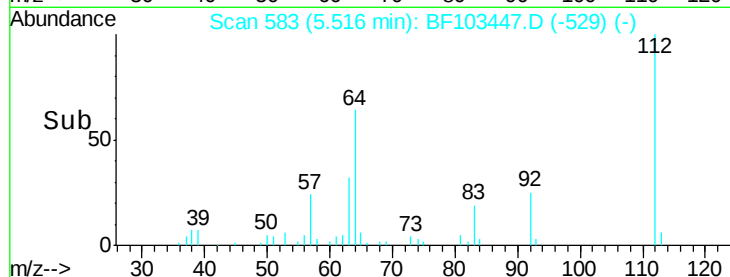
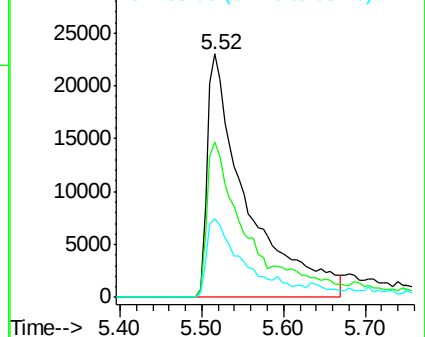
63 32.1 23.7 35.5



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: 2.427 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

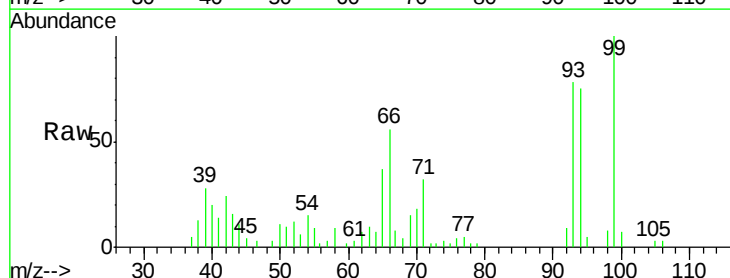
Tgt Ion: 93 Resp: 27691

Ion Ratio Lower Upper

93 100

66 72.8 32.2 48.2#

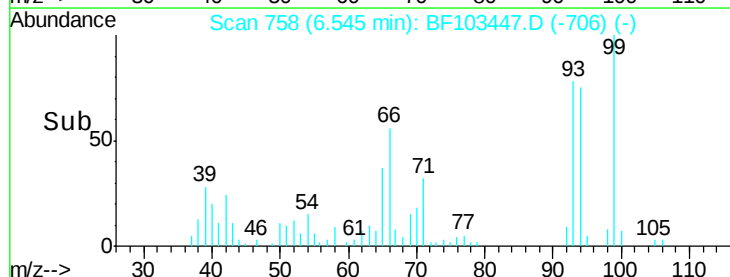
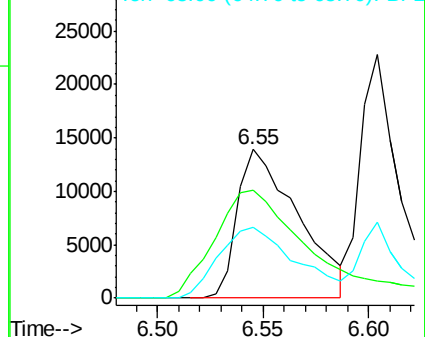
65 47.5 16.4 24.6#

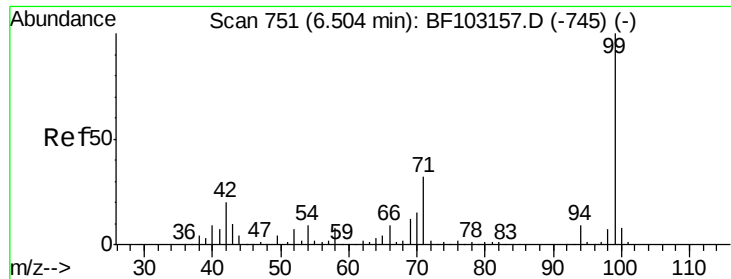


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 14.045 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

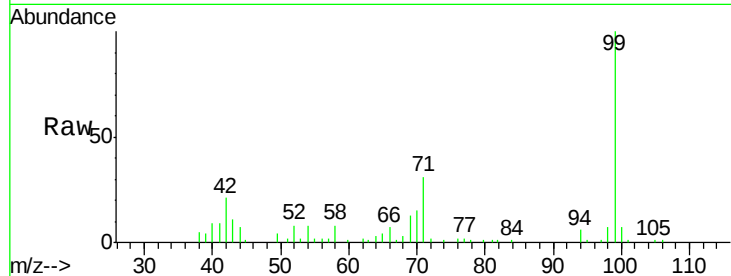
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 111027

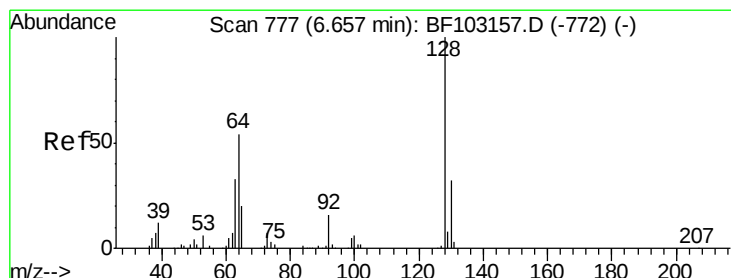
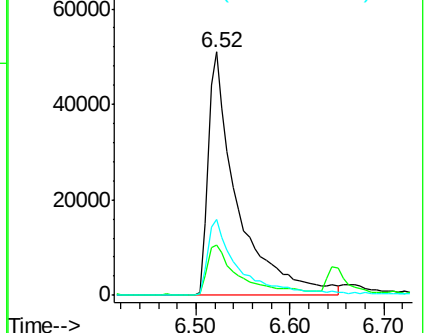
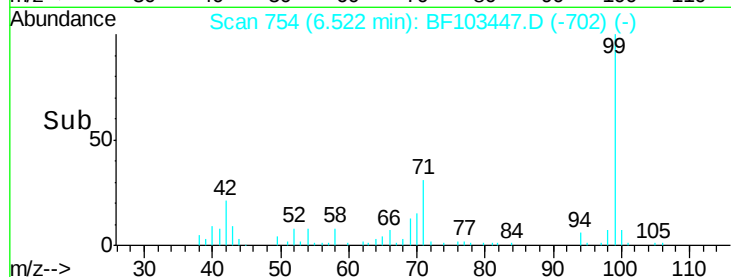
Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	31.0	25.4	38.0



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: 4.717 ng

RT: 6.66 min Scan# 778

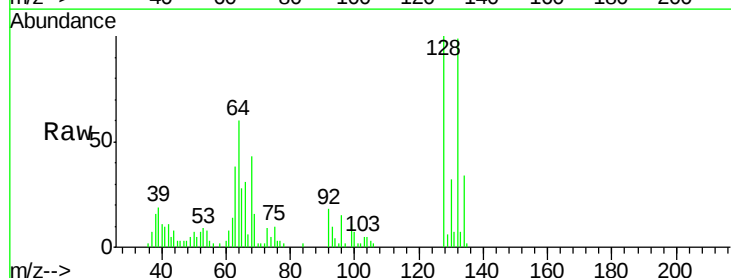
Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:128 Resp: 31656

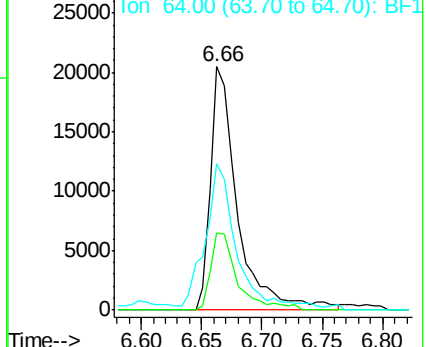
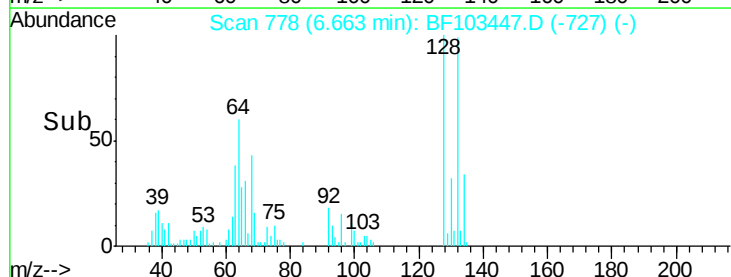
Ion	Ratio	Lower	Upper
128	100		
130	31.5	13.0	53.0
64	60.2	29.4	69.4

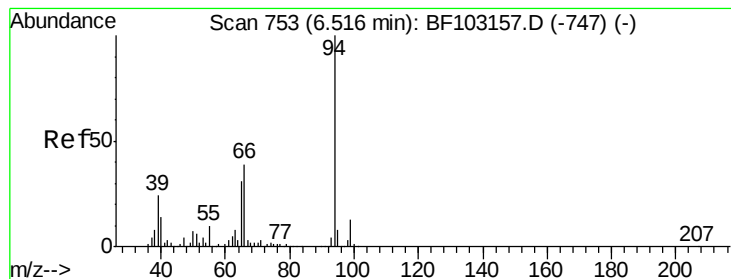


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 4.837 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

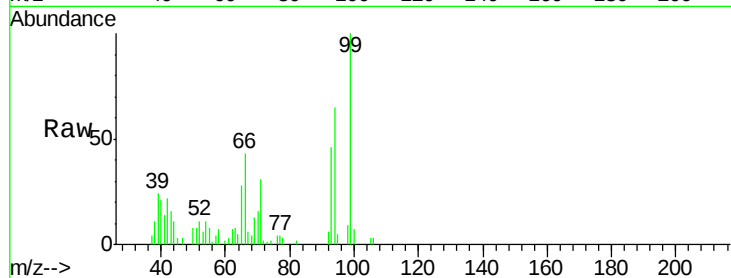
Tot Ion: 94 Resp: 44388

Ion Ratio Lower Upper

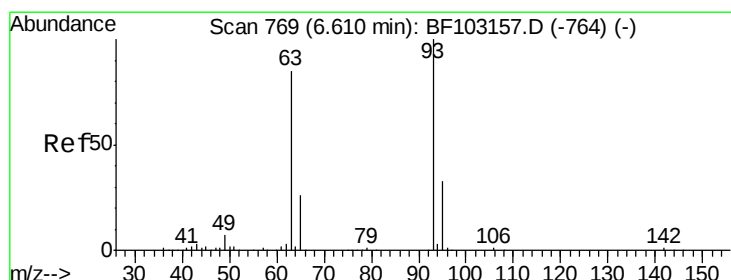
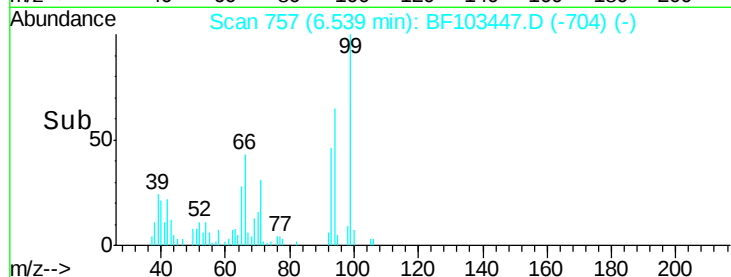
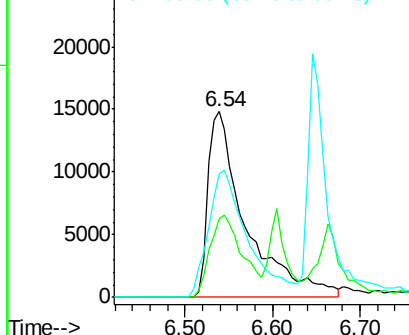
94 100

65 42.1 7.9 47.9

66 66.4 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: 3.811 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

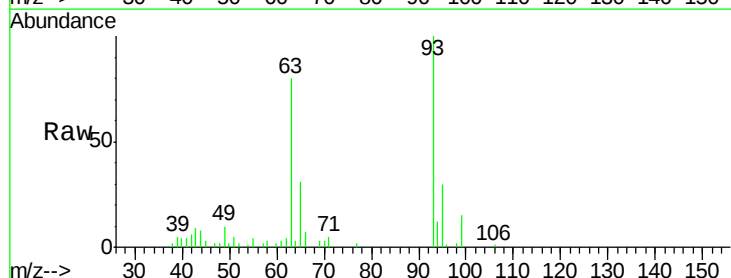
Tgt Ion: 93 Resp: 26543

Ion Ratio Lower Upper

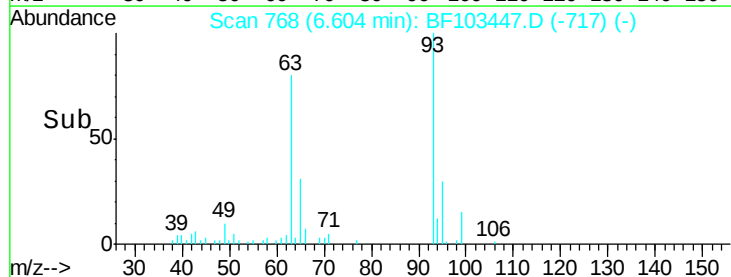
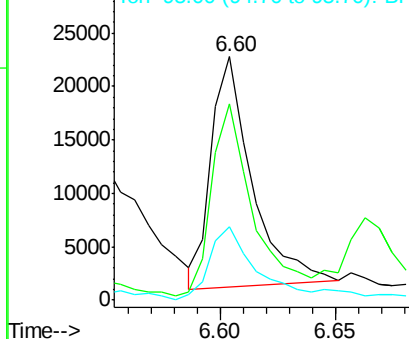
93 100

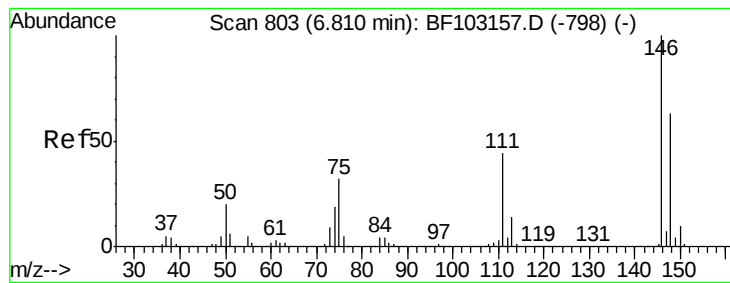
63 80.5 58.6 98.6

95 30.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#12

1,3-Dichlorobenzene

Concen: 4.377 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampled :

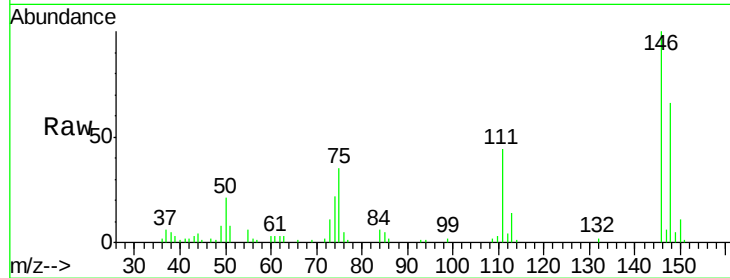
Tot Ion:146 Resp: 33565

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.8

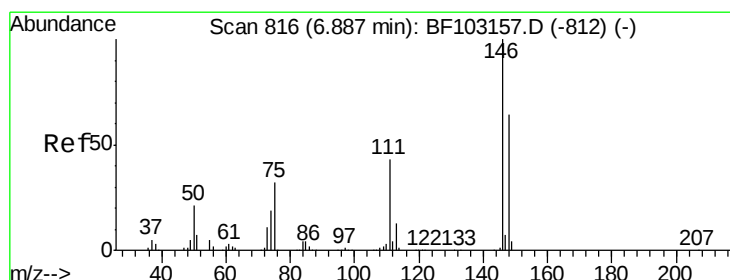
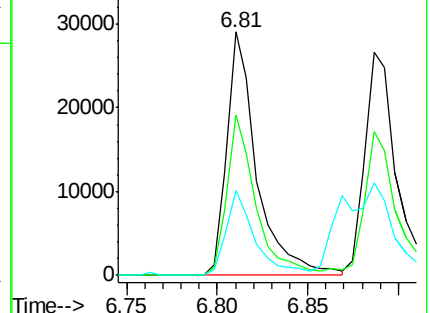
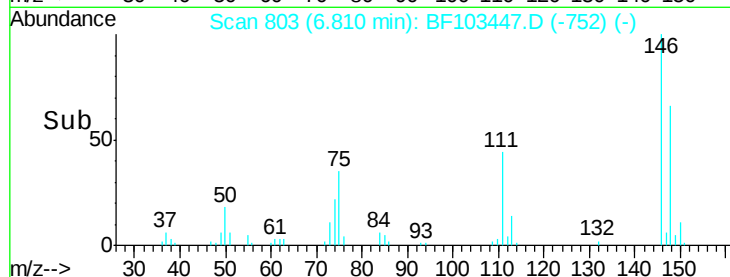
75 34.8 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 4.601 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

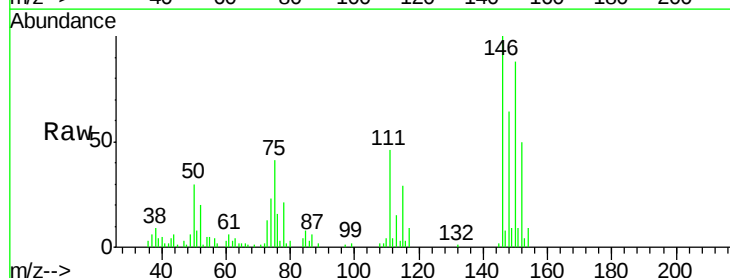
Tgt Ion:146 Resp: 35380

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

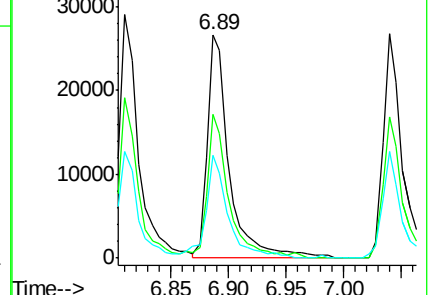
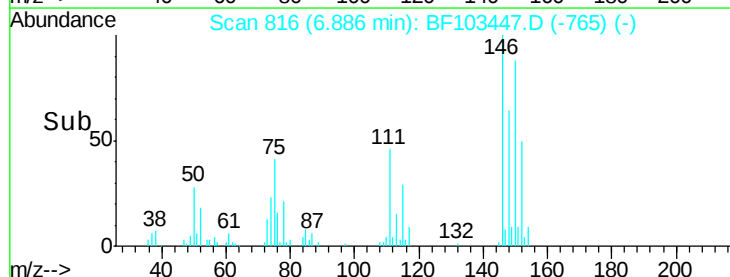
111 46.2 34.2 51.2

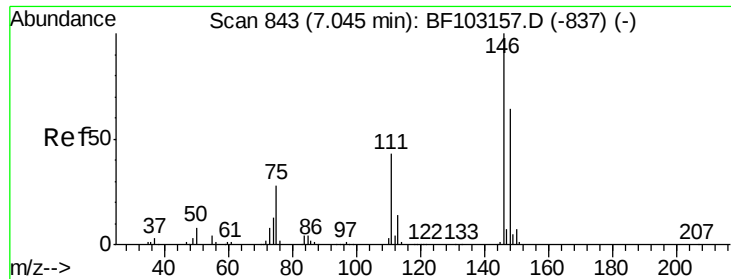


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 4.599 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

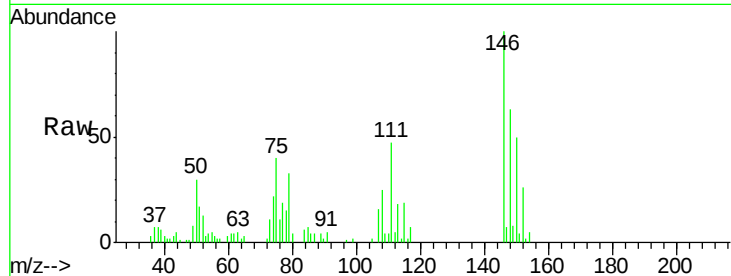
Tot Ion:146 Resp: 32609

Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

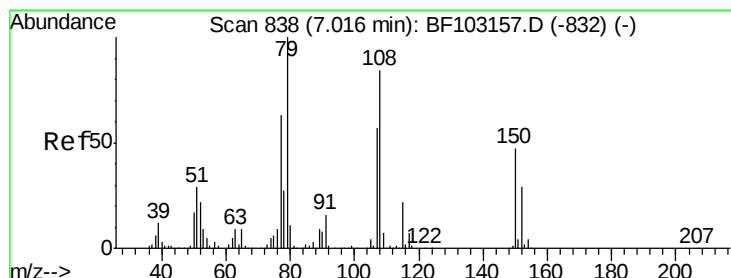
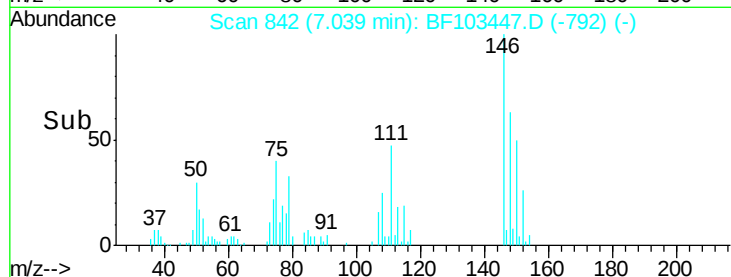
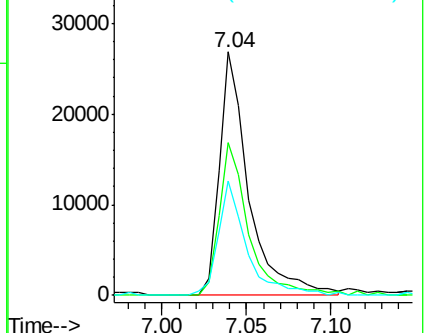
111 47.1 36.0 54.0



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: 4.416 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.02 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

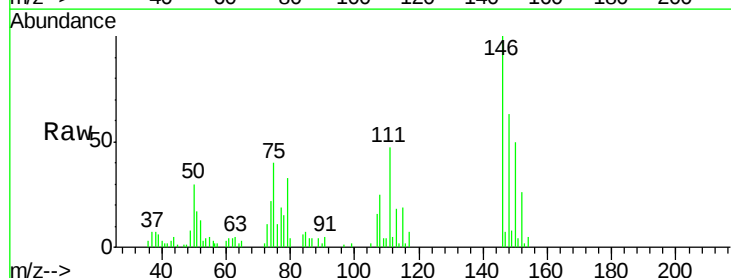
Tgt Ion: 79 Resp: 26307

Ion Ratio Lower Upper

79 100

108 76.8 65.1 97.7

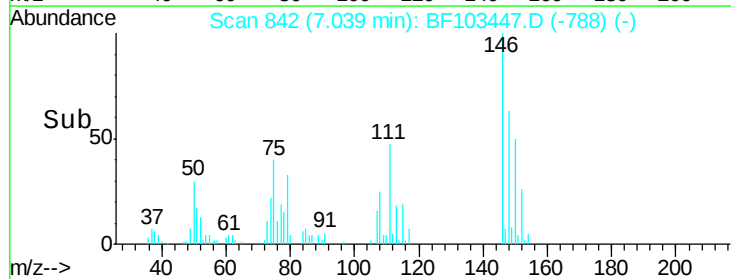
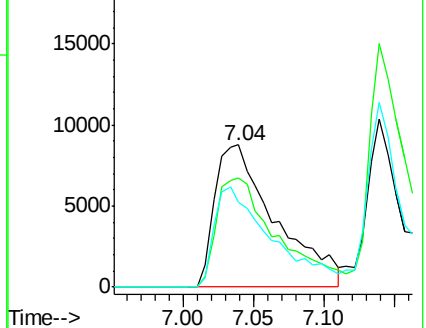
77 59.7 50.6 75.8

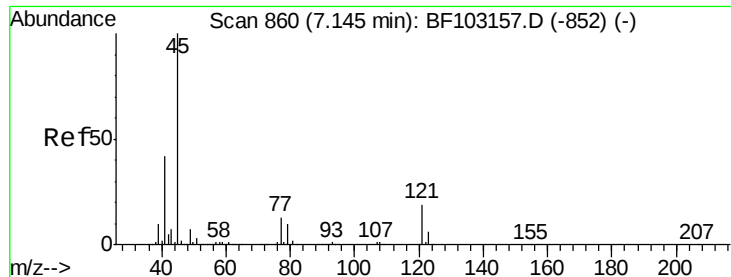


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

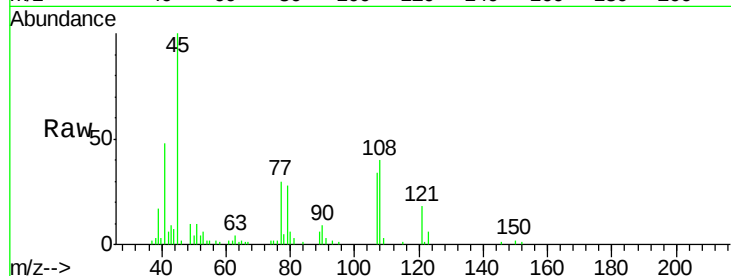




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.241 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
45	100		
77	30.4	0.0	32.9
79	27.7	0.0	29.6

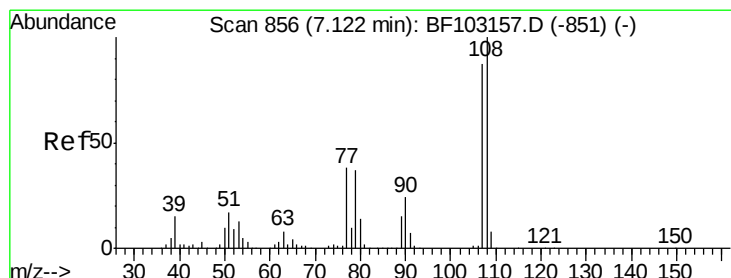
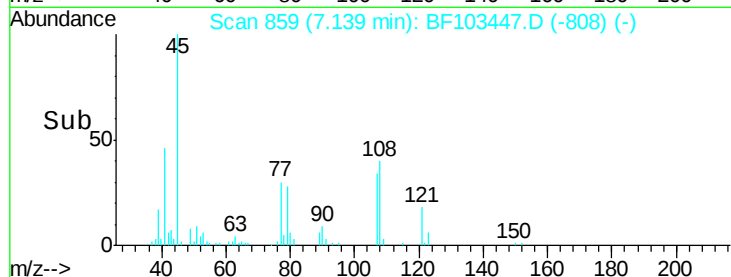
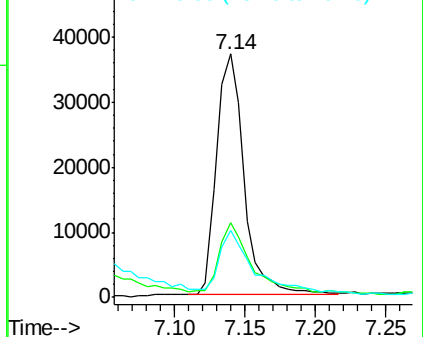


Abundance

Ion 45.00 (44.70 to 45.70): BF1

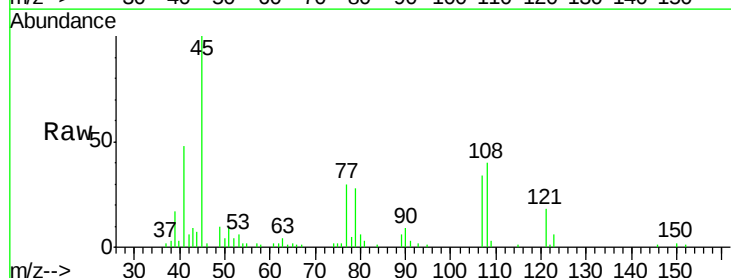
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#17
2-Methylphenol
Concen: 4.163 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.7	91.7	137.5
77	88.5	33.8	50.8#
79	80.5	33.8	50.8#



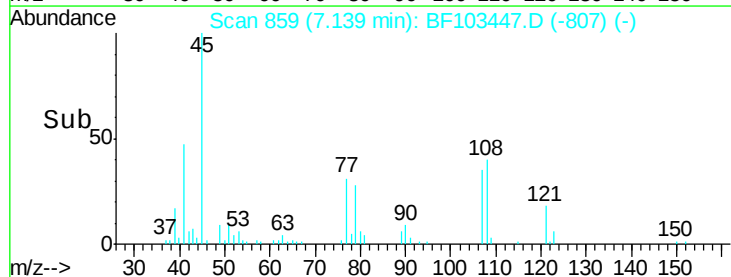
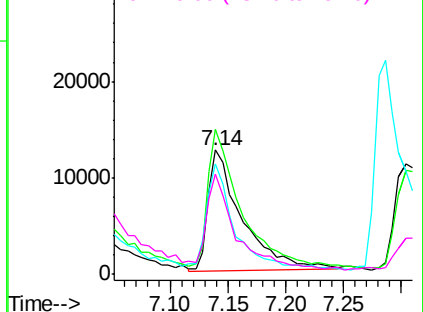
Abundance

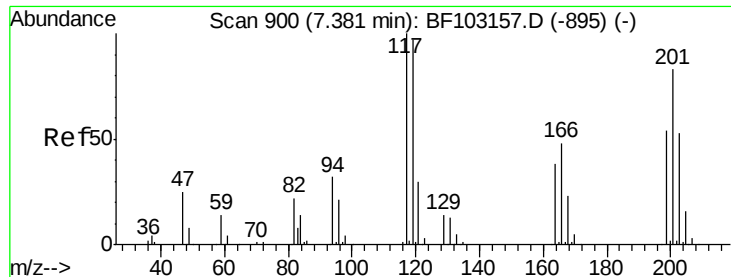
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

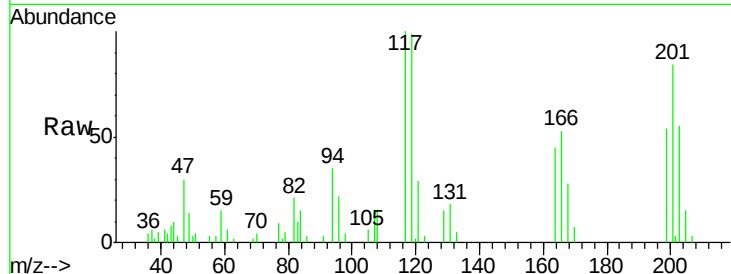




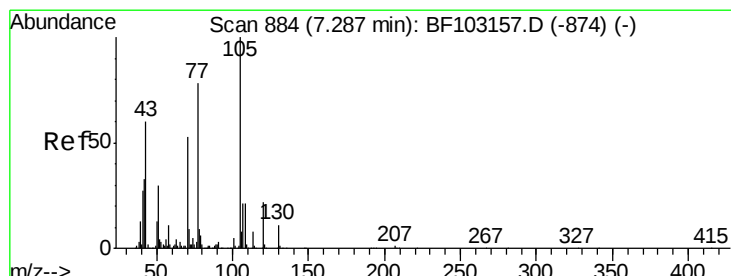
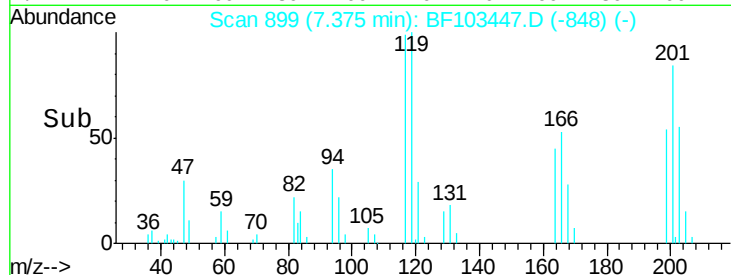
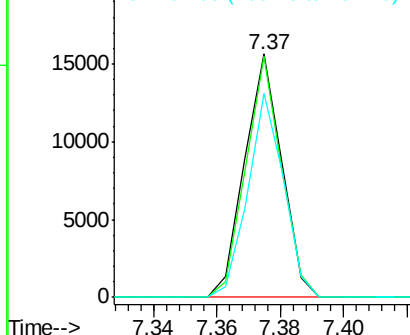
#18
Hexachloroethane
Concen: 4.499 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 12594
Ion Ratio Lower Upper
117 100
119 99.3 75.8 113.8
201 86.3 75.7 113.5



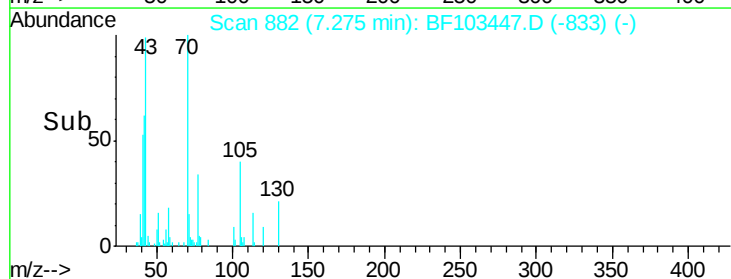
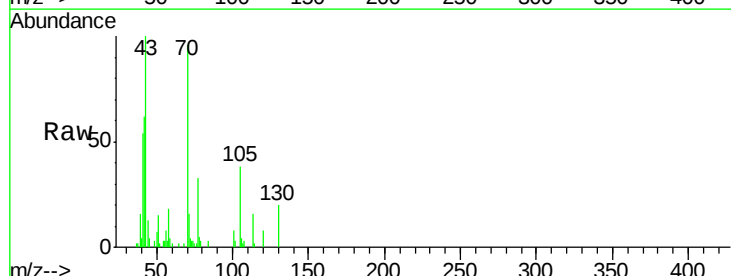
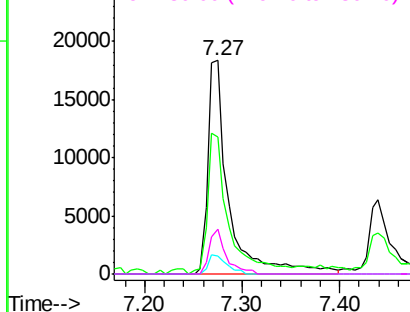
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

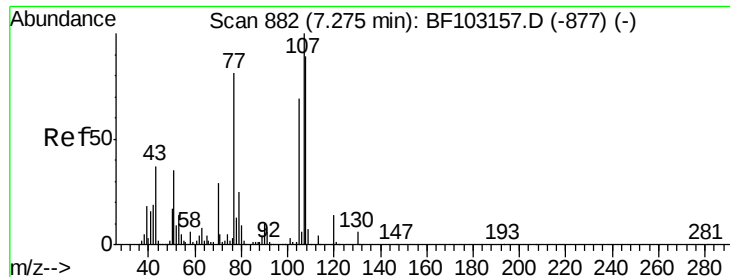


#19
n-Nitroso-di-n-propylamine
Concen: 5.506 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion: 70 Resp: 27090
Ion Ratio Lower Upper
70 100
42 64.1 47.5 71.3
101 8.6 7.4 11.2
130 20.8 16.6 25.0

Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

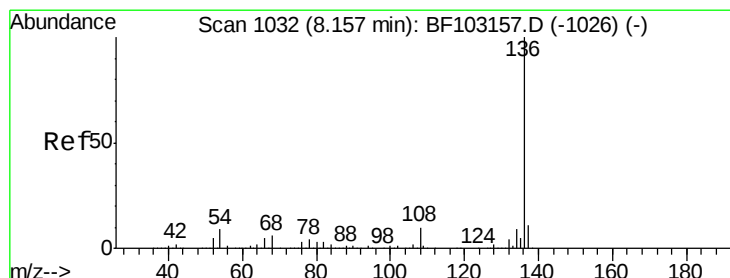
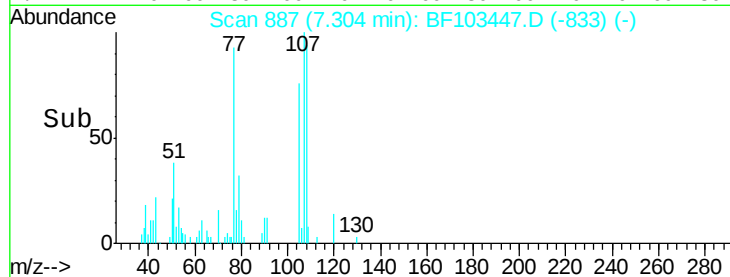
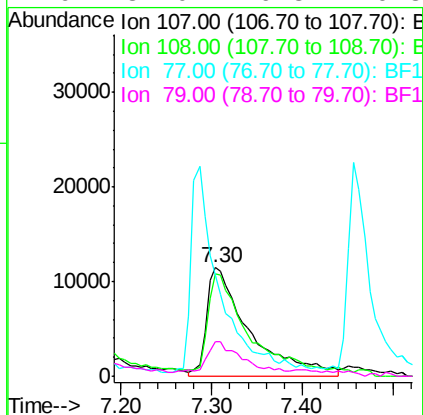
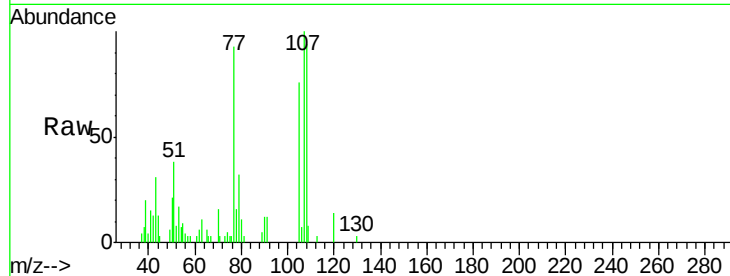




#20
3+4-Methylphenols
Concen: 5.060 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.02 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

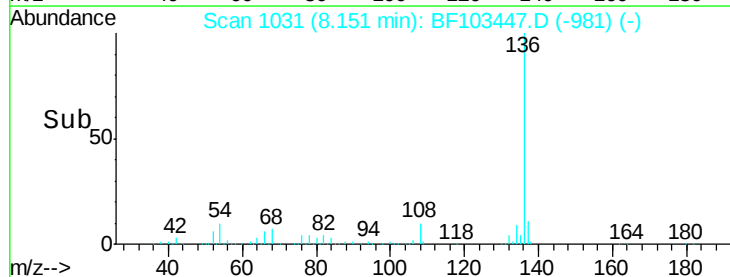
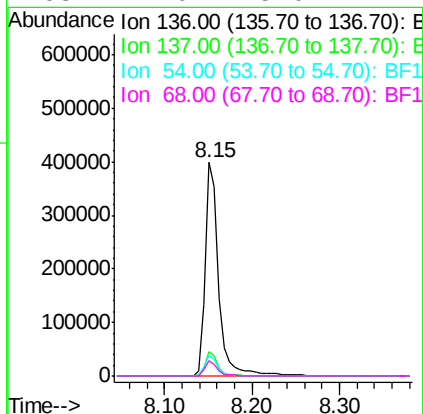
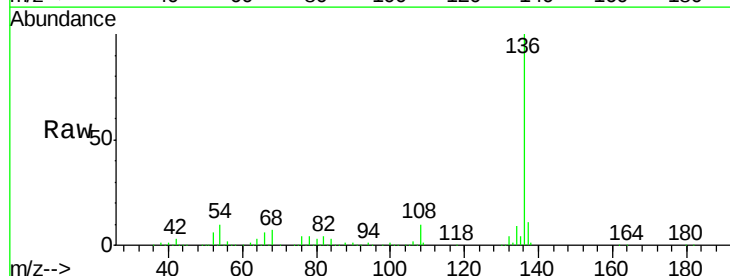
Instrument :
BNA_F
ClientSampleId :

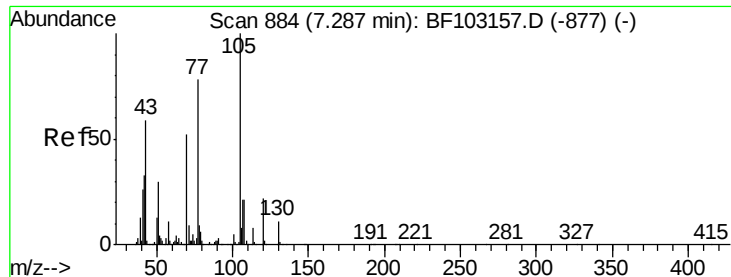
Tot Ion:107 Resp: 37622
Ion Ratio Lower Upper
107 100
108 93.8 68.2 108.2
77 92.6 26.7 66.7#
79 32.0 6.3 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:136 Resp: 427898
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.9 6.6 9.8#
68 7.0 5.0 7.4





#22

Acetophenone

Concen: 4.942 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 49362

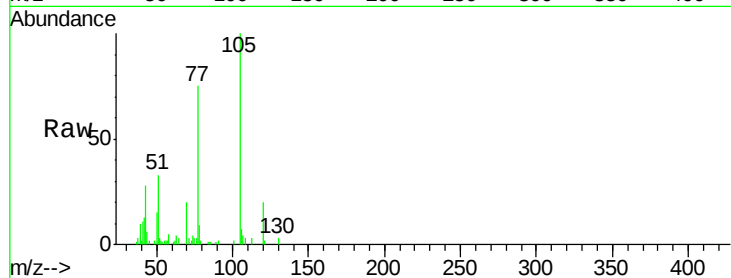
Ion Ratio Lower Upper

105 100

71 3.2 4.4 6.6#

51 32.7 22.3 33.5

120 19.9 16.9 25.3

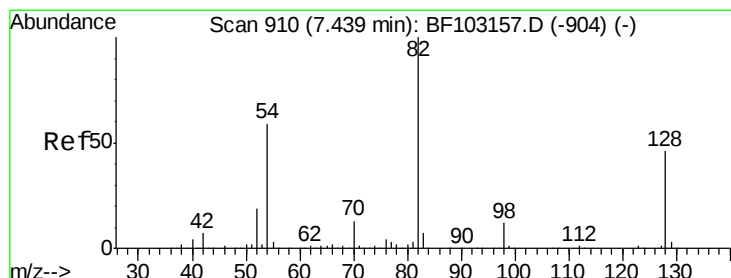
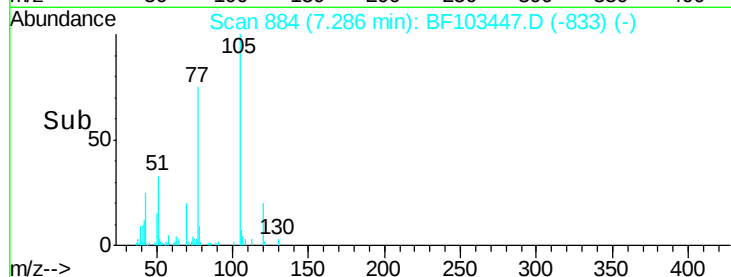
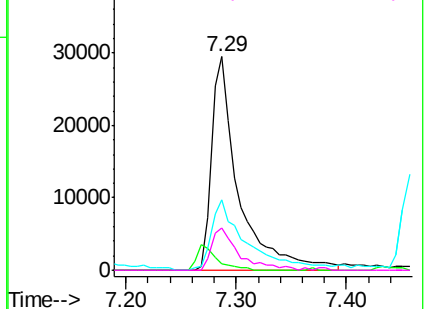


Abundance Ion 105.00 (104.70 to 105.70): E

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: 9.563 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

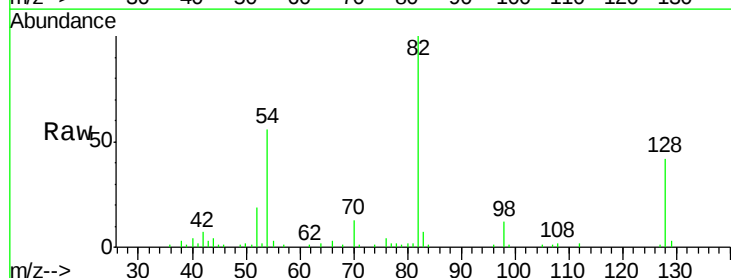
Tgt Ion: 82 Resp: 71650

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

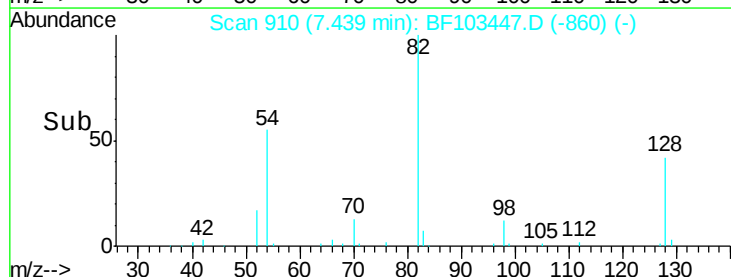
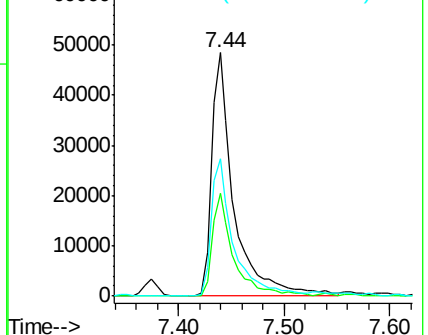
54 56.4 41.4 62.2

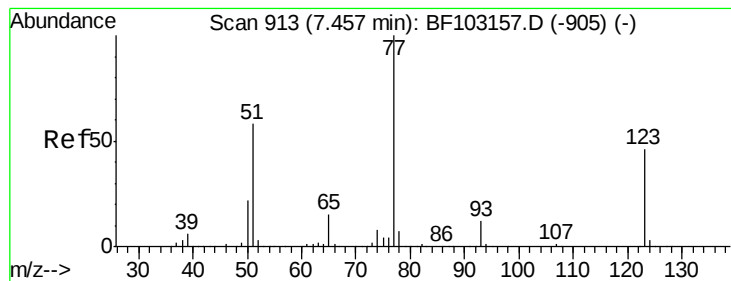


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 4.304 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampled :

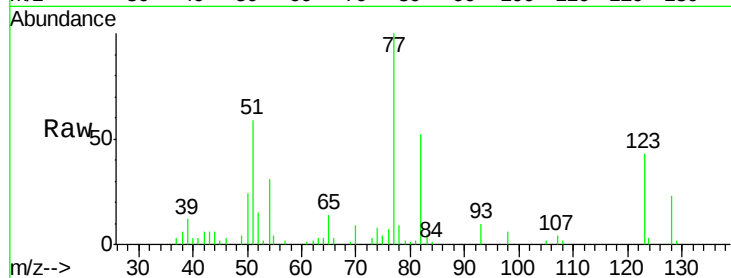
Tot Ion: 77 Resp: 35505

Ion Ratio Lower Upper

77 100

123 42.6 37.9 56.9

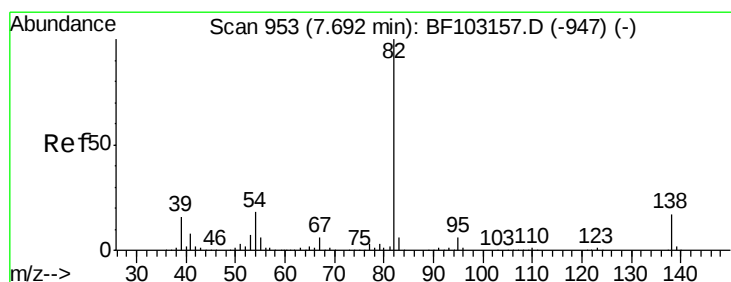
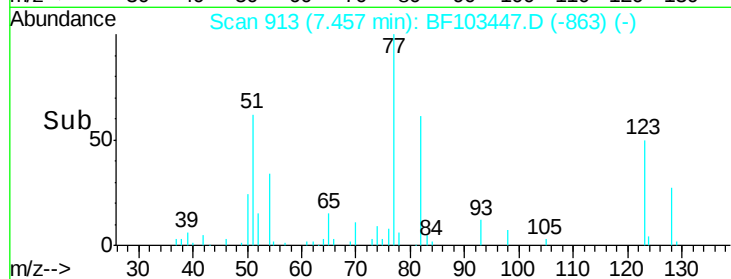
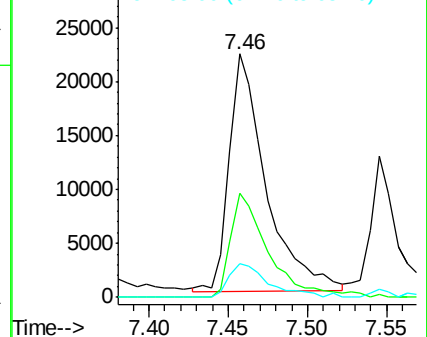
65 14.1 11.0 16.4



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: 4.855 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

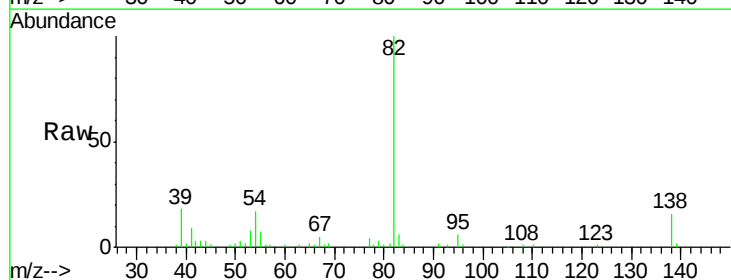
Tgt Ion: 82 Resp: 71644

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

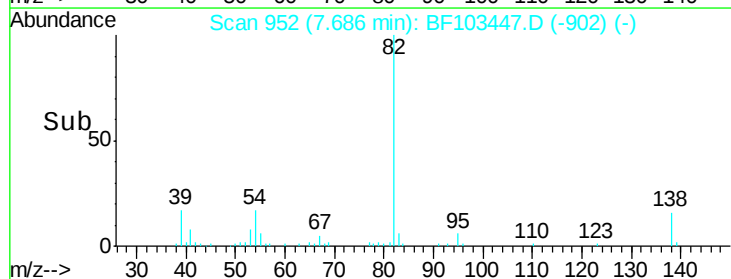
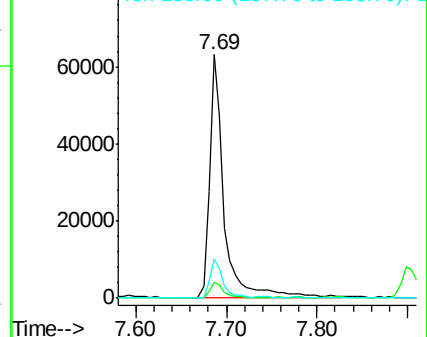
138 15.7 14.9 22.3

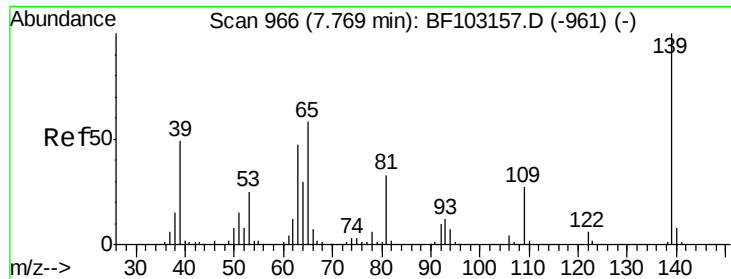


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

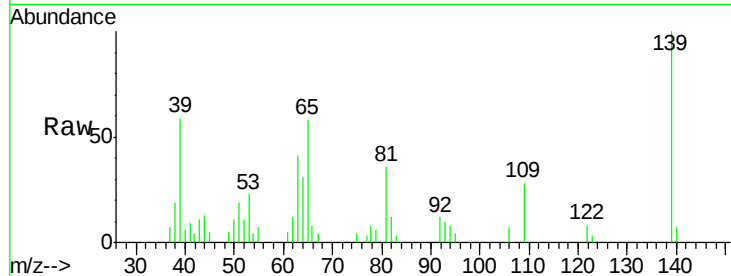




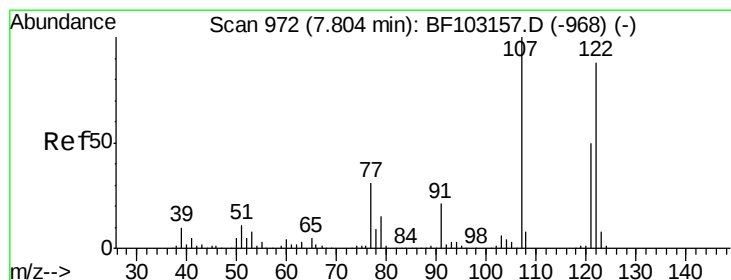
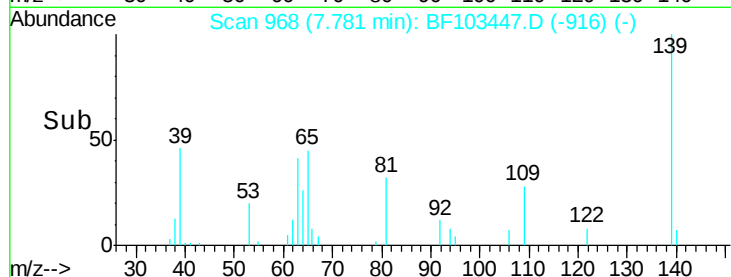
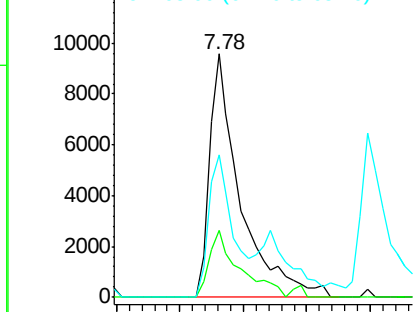
#26
 2-Nitrophenol
 Concen: 4.160 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:139 Resp: 16155
 Ion Ratio Lower Upper
 139 100
 109 27.6 22.7 34.1
 65 58.4 40.5 60.7

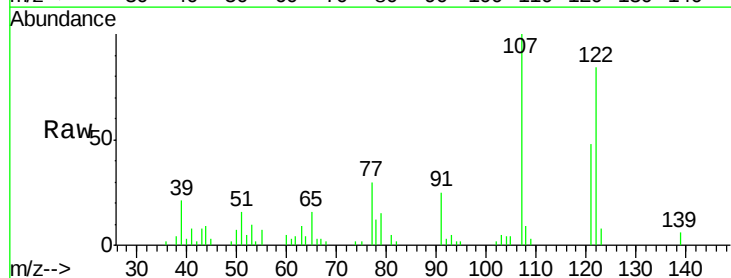


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

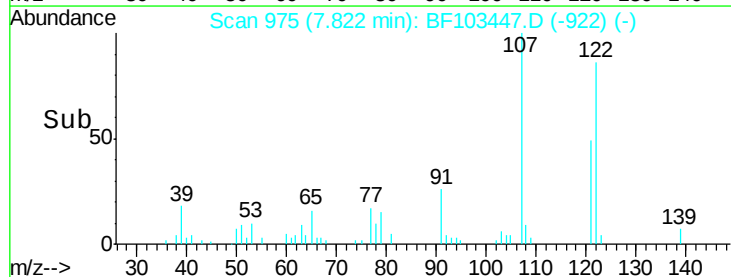
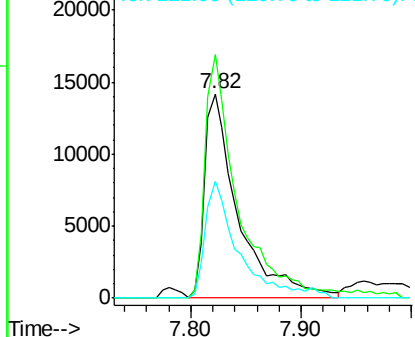


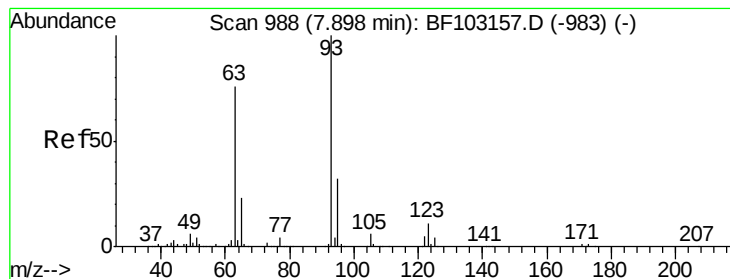
#27
 2,4-Dimethylphenol
 Concen: 4.991 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:122 Resp: 29630
 Ion Ratio Lower Upper
 122 100
 107 119.2 91.2 136.8
 121 57.2 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: 4.985 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

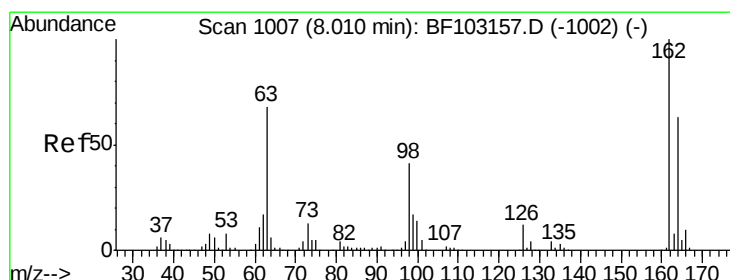
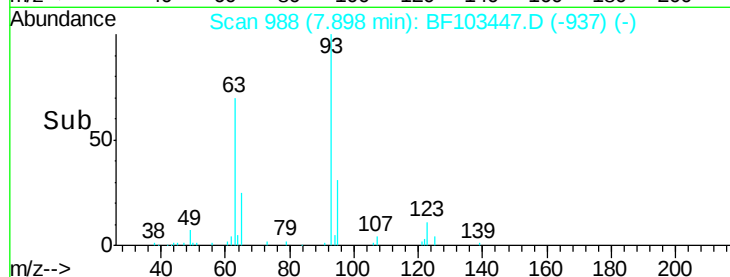
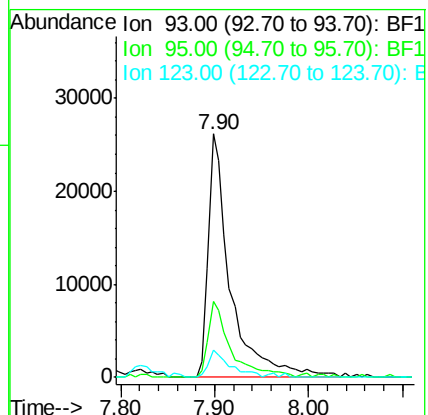
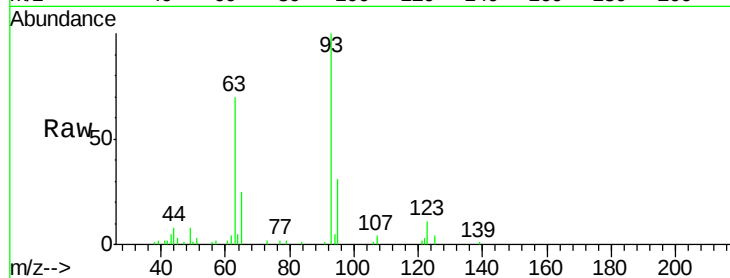
Tot Ion: 93 Resp: 43250

Ion Ratio Lower Upper

93 100

95 31.0 26.3 39.5

123 11.0 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 4.562 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.03 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

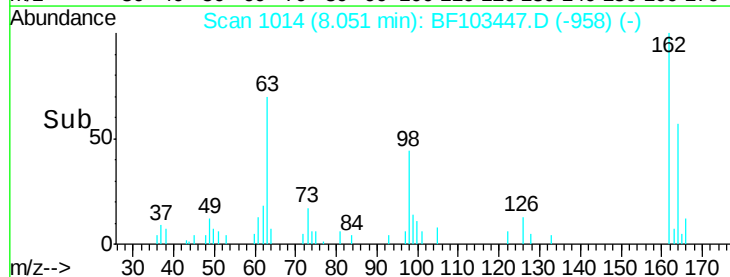
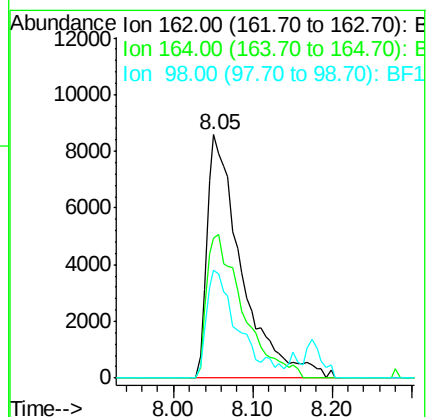
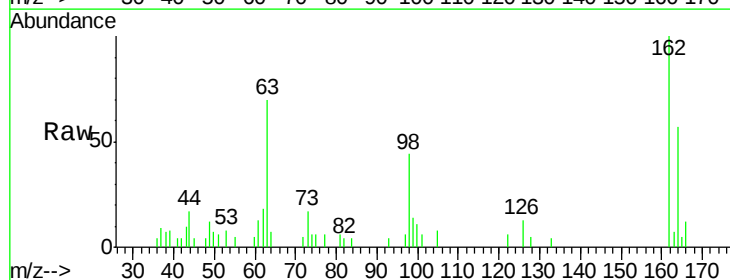
Tgt Ion: 162 Resp: 25929

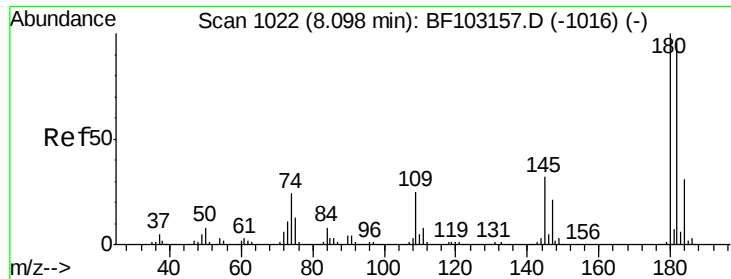
Ion Ratio Lower Upper

162 100

164 57.3 42.7 82.7

98 44.2 18.1 58.1

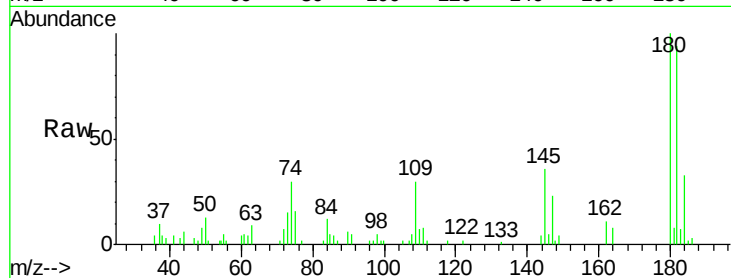




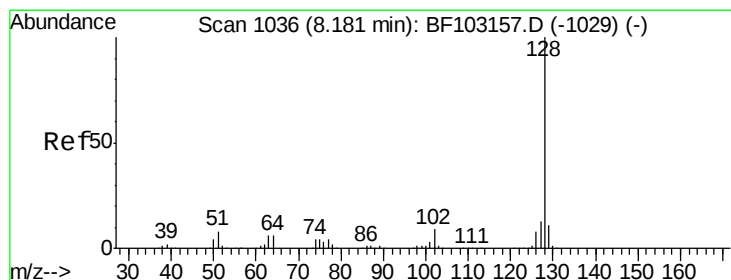
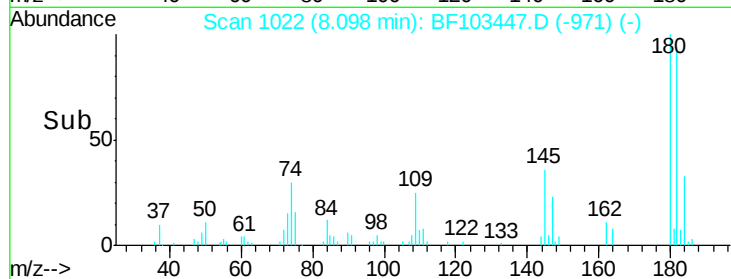
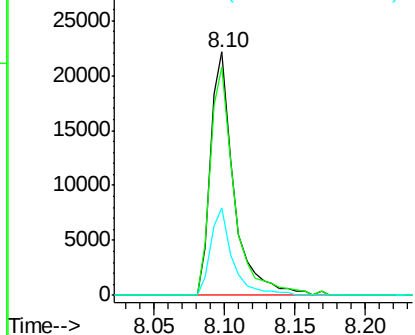
#30
 1,2,4-Trichlorobenzene
 Concen: 4.221 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 25544
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.8 115.2
 145 36.1 26.5 39.7

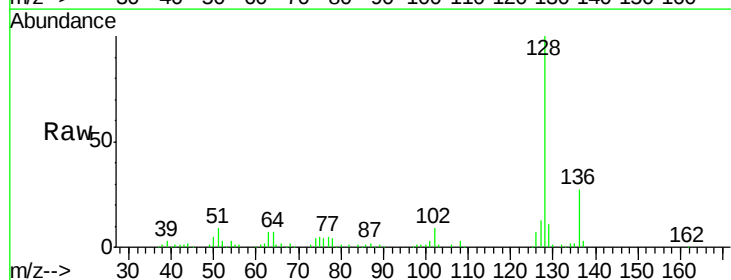


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

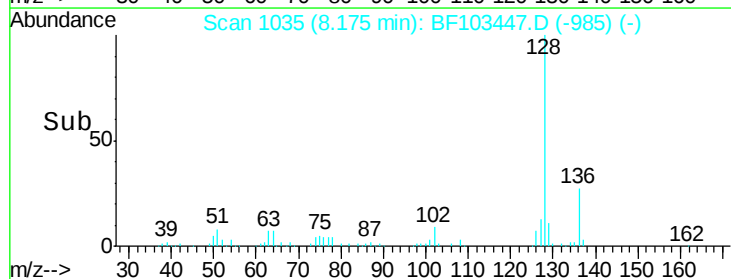
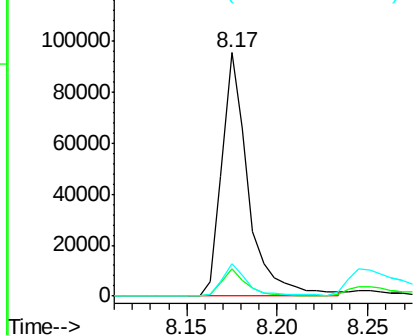


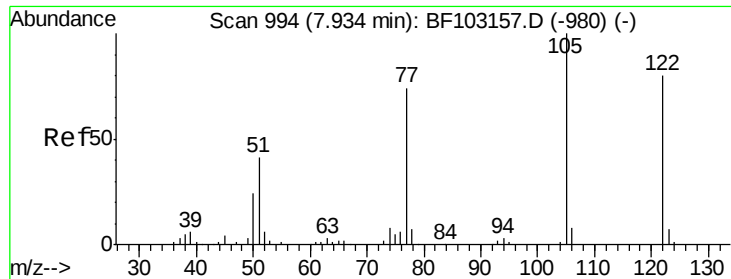
#31
 Naphthalene
 Concen: 4.645 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:128 Resp: 97302
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.3 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

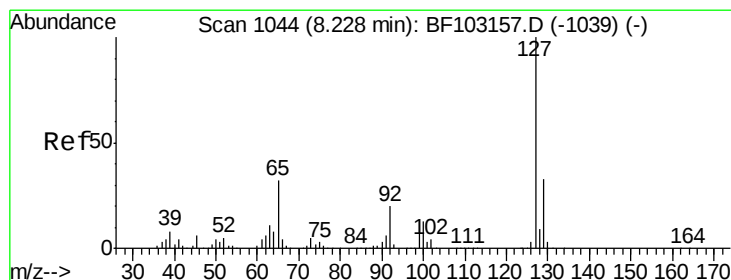
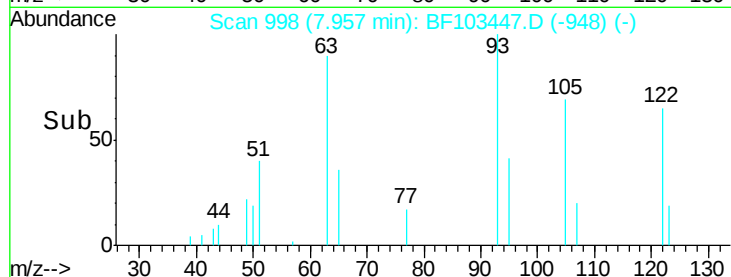
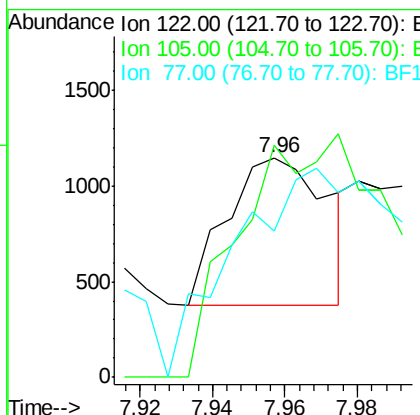
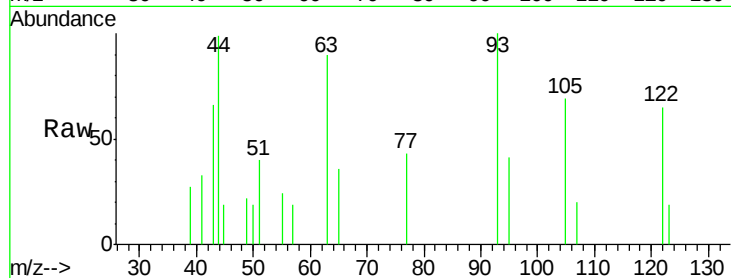




#32
Benzoic acid
Concen: 7.200 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

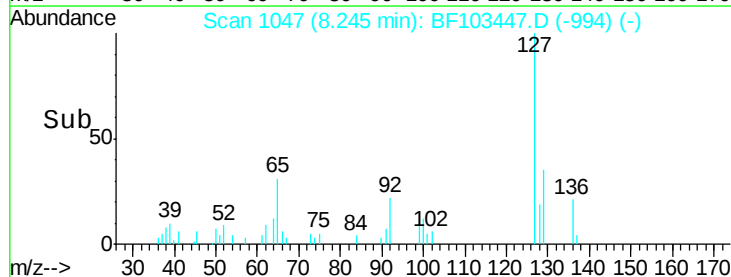
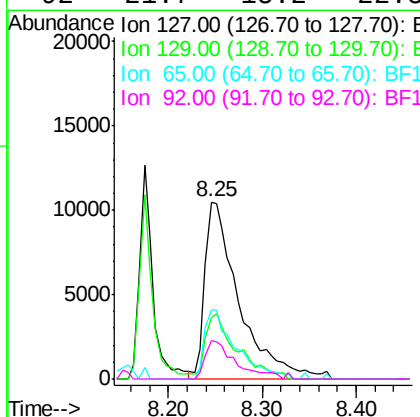
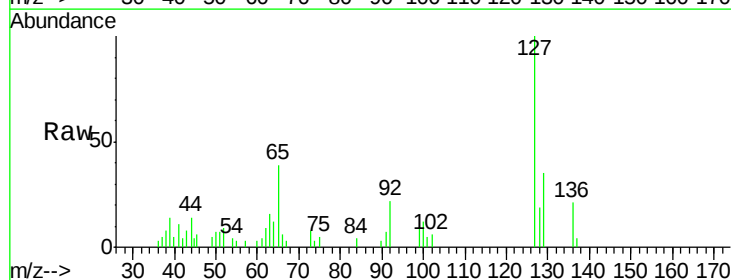
Instrument :
BNA_F
ClientSampleId :

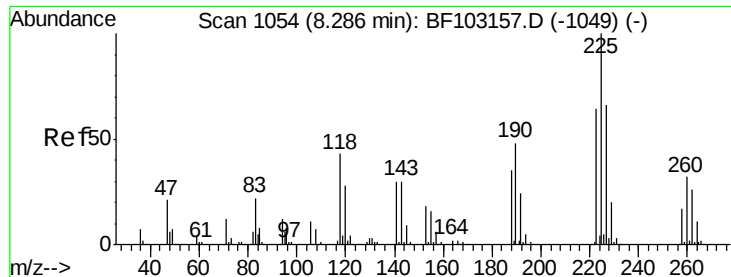
Tot Ion:122 Resp: 1472
Ion Ratio Lower Upper
122 100
105 106.0 101.1 141.1
77 66.9 70.7 110.7#



#33
4-Chloroaniline
Concen: 2.965 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:127 Resp: 26803
Ion Ratio Lower Upper
127 100
129 34.5 25.9 38.9
65 39.4 25.0 37.4#
92 21.7 15.2 22.8

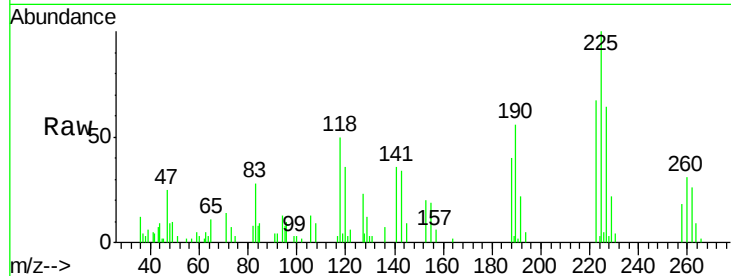




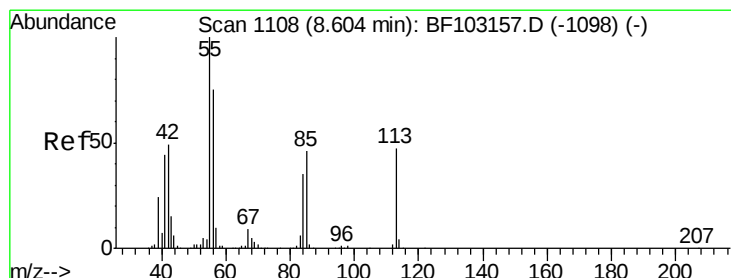
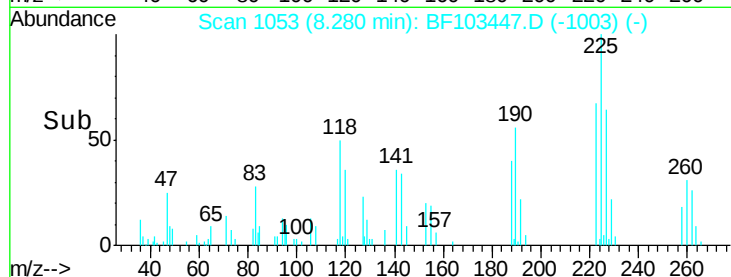
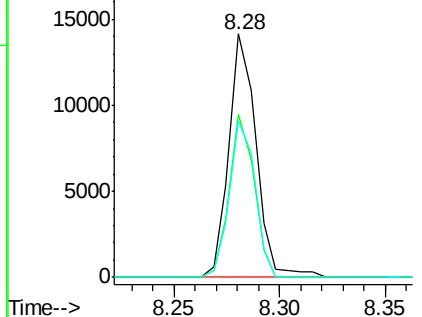
#34
Hexachlorobutadiene
Concen: 3.980 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 12542
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 64.4 51.9 77.9

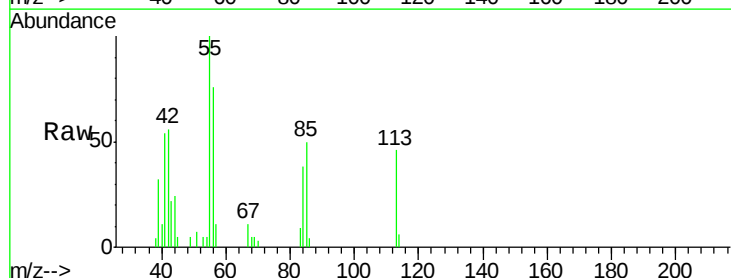


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

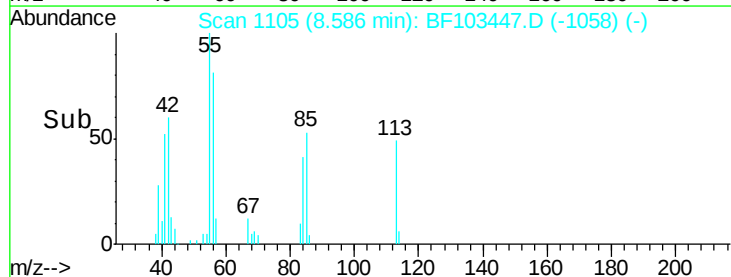
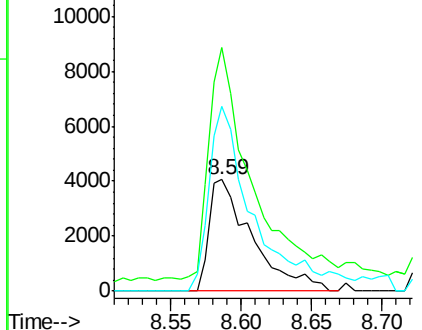


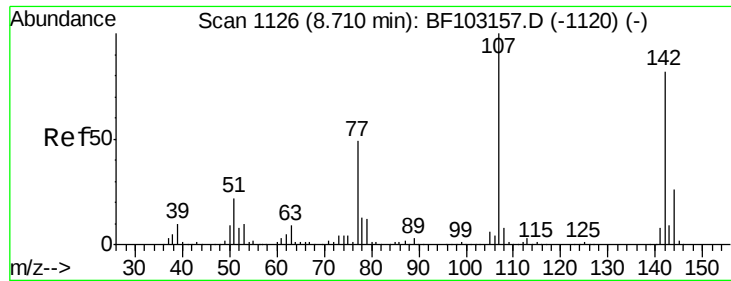
#35
Caprolactam
Concen: 4.310 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:113 Resp: 8608
Ion Ratio Lower Upper
113 100
55 218.5 163.3 203.3#
56 165.5 115.7 155.7#



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

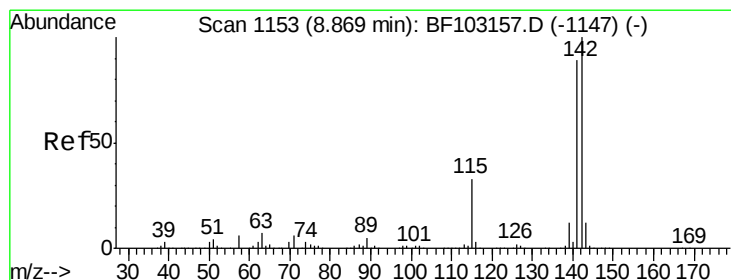
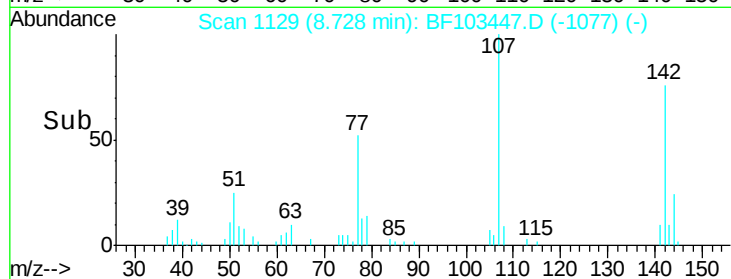
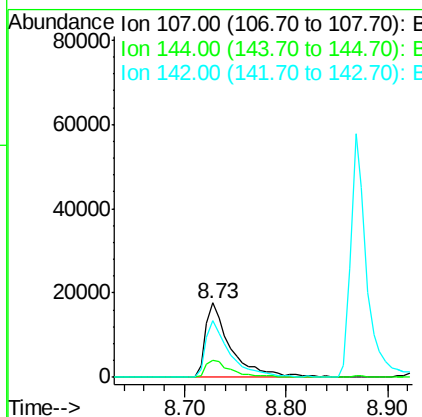
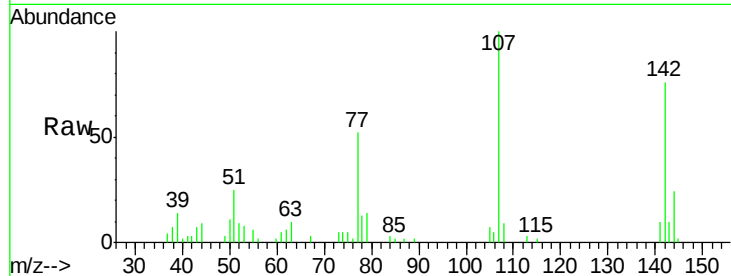




#36
 4-Chloro-3-methylphenol
 Concen: 4.732 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

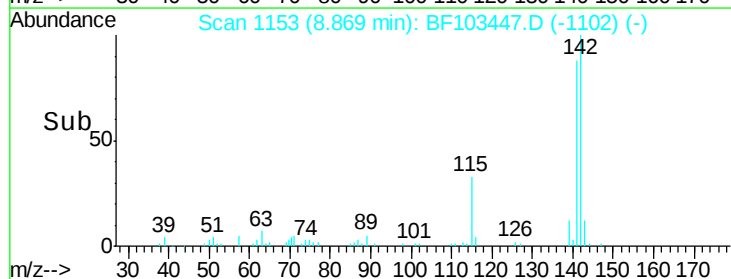
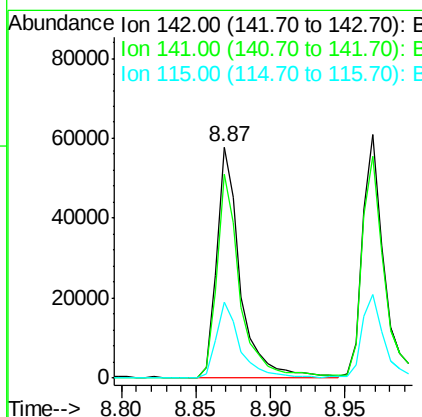
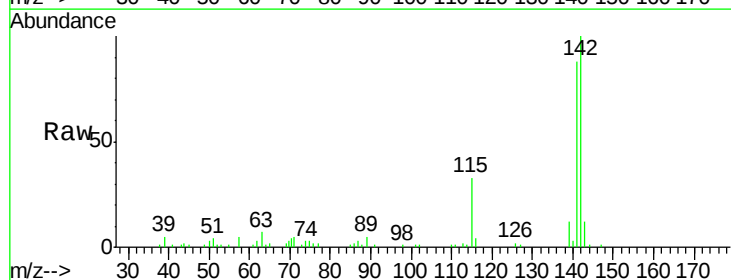
Instrument :
 BNA_F
 ClientSampleId :

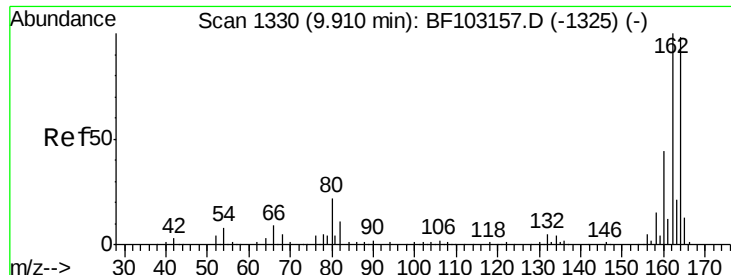
Tot Ion:107 Resp: 30332
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.5 30.7
 142 76.1 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 4.738 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:142 Resp: 64146
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.8 106.2
 115 32.9 26.1 39.1

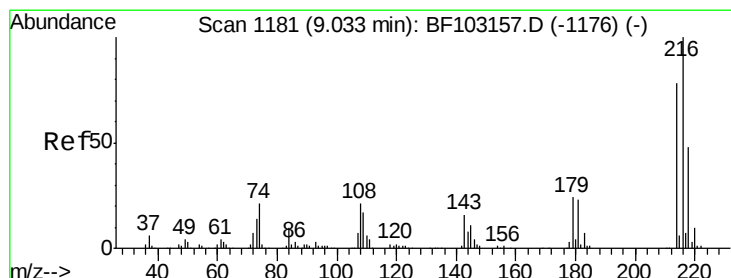
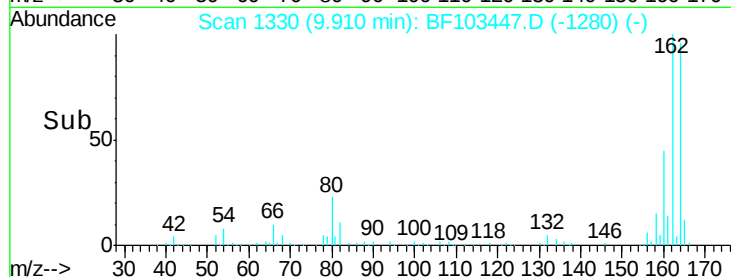
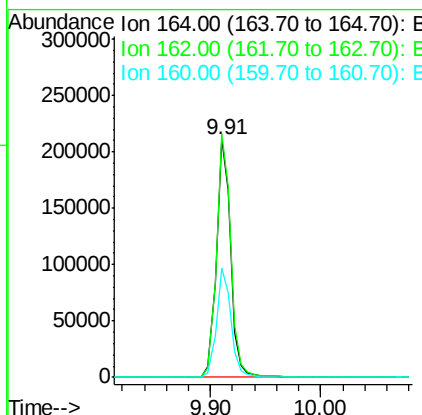
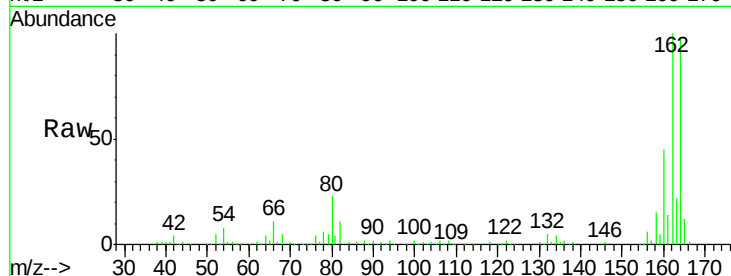




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

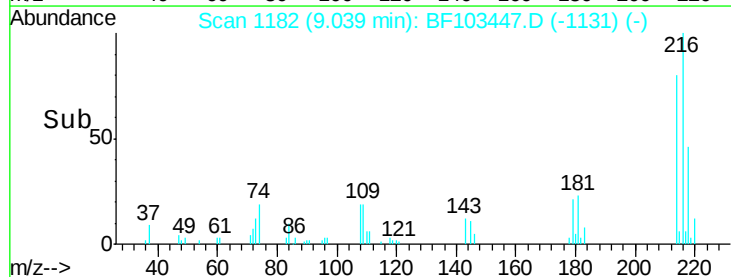
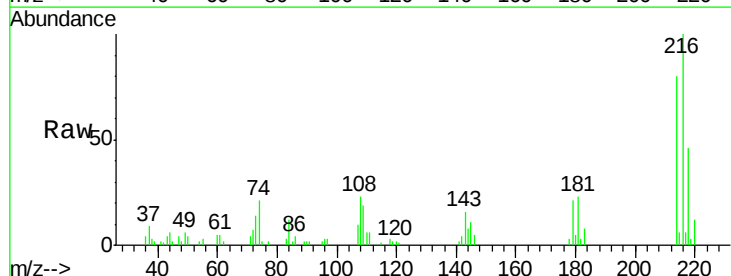
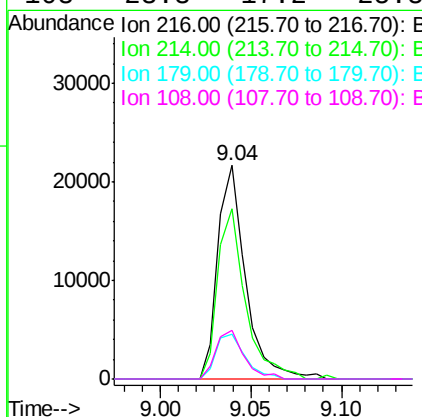
Instrument :
 BNA_F
 ClientSampleId :

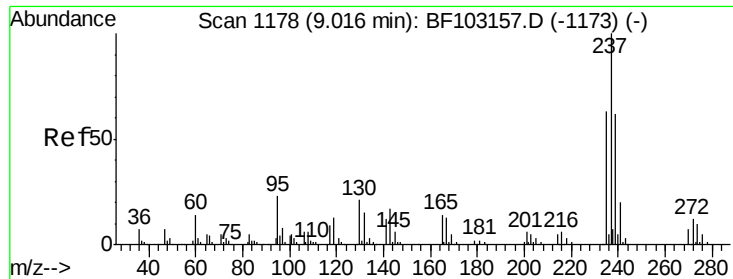
Tot Ion:164 Resp: 189189
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 46.0 38.3 57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.475 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:216 Resp: 23147
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.0 94.4
 179 22.2 18.1 27.1
 108 23.3 17.2 25.8

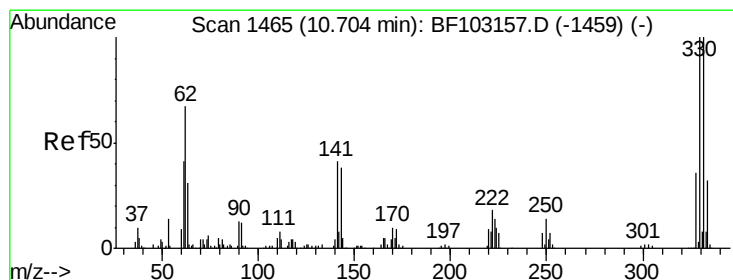
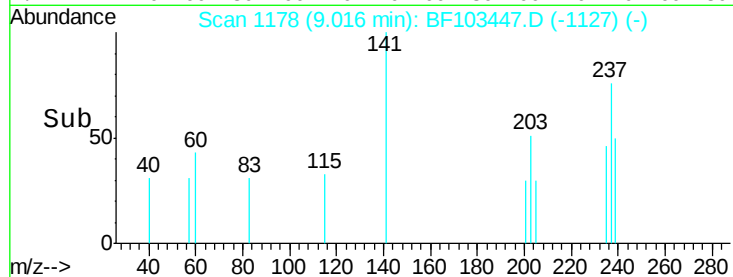
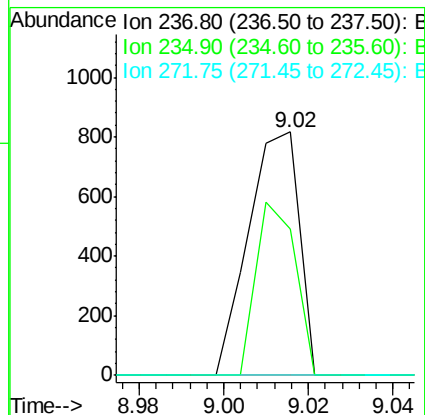
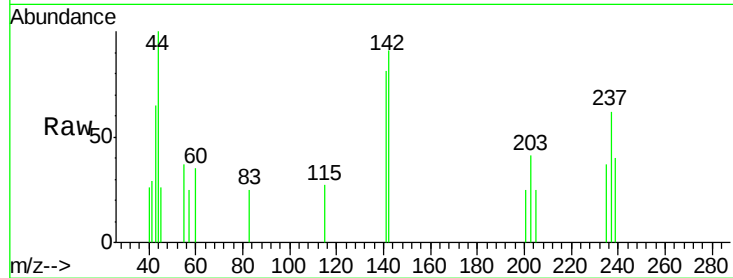




#40
Hexachlorocyclopentadiene
Concen: 9.216 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

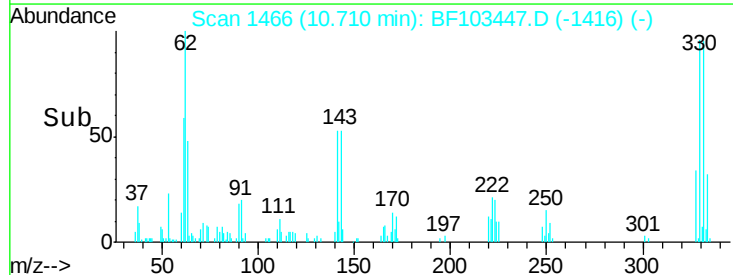
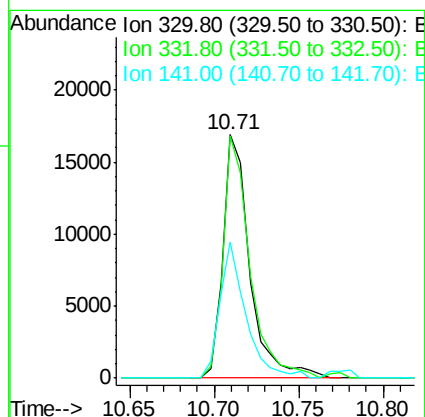
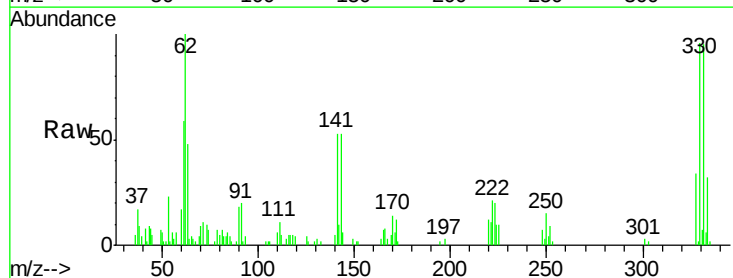
Instrument :
BNA_F
ClientSampleId :

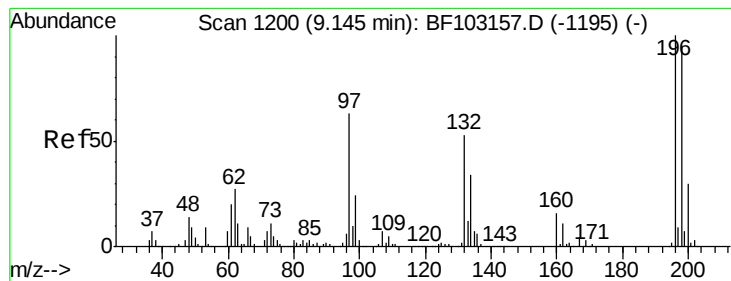
Tot Ion:237 Resp: 685
Ion Ratio Lower Upper
237 100
235 60.2 44.8 84.8
272 0.0 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 11.734 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:330 Resp: 18791
Ion Ratio Lower Upper
330 100
332 99.0 77.0 115.6
141 54.4 29.9 44.9#





#42

2,4,6-Trichlorophenol

Concen: 4.435 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampled :

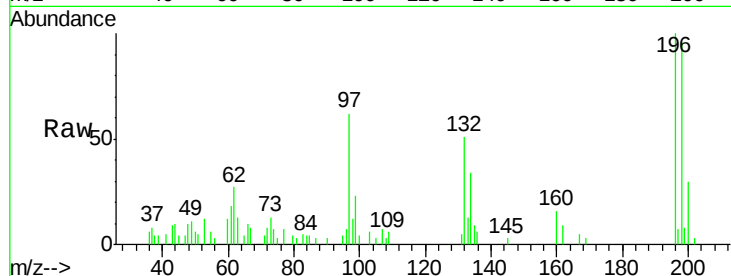
Tot Ion:196 Resp: 15434

Ion Ratio Lower Upper

196 100

198 96.2 75.7 113.5

200 29.7 24.5 36.7

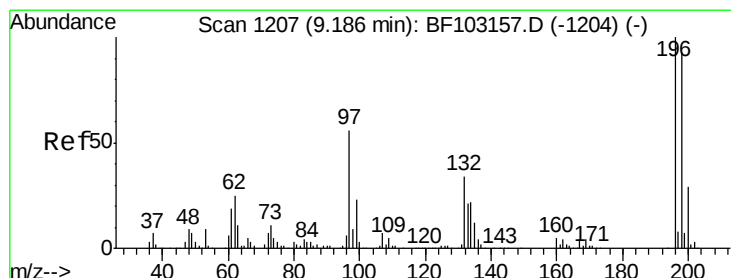
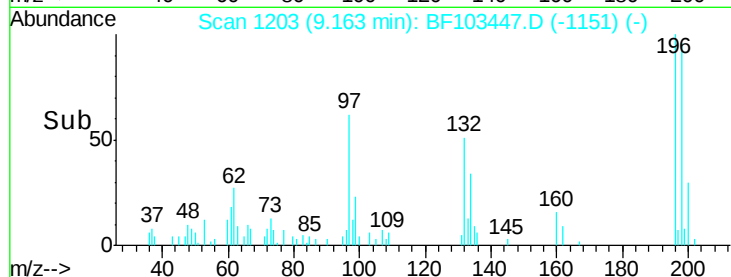
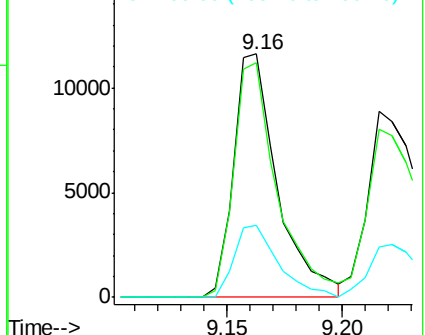


Abundance

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: 4.370 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:196 Resp: 17492

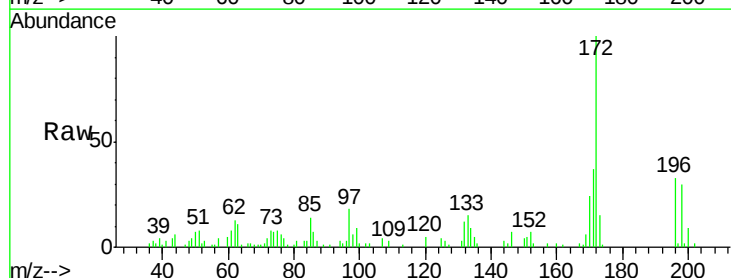
Ion Ratio Lower Upper

196 100

198 90.4 74.6 112.0

97 56.0 42.9 64.3

132 36.0 26.3 39.5



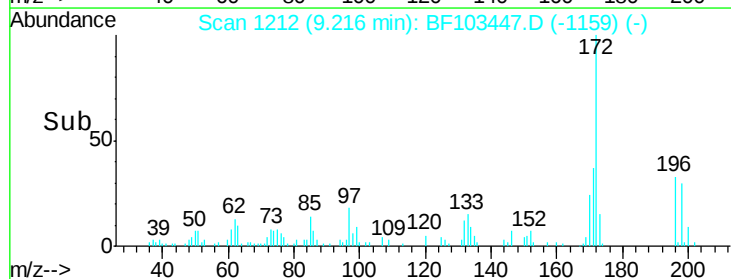
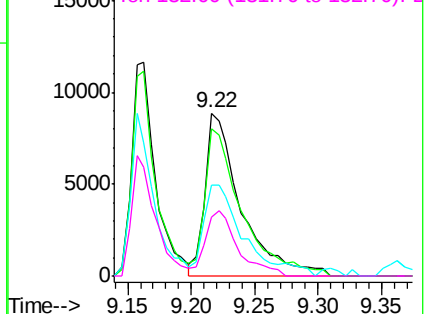
Abundance

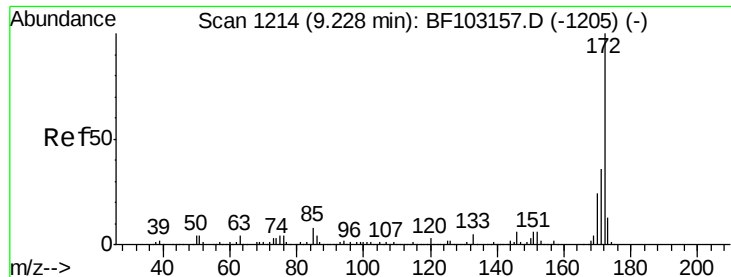
Ion 196.00 (195.70 to 196.70): E

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: 7.679 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

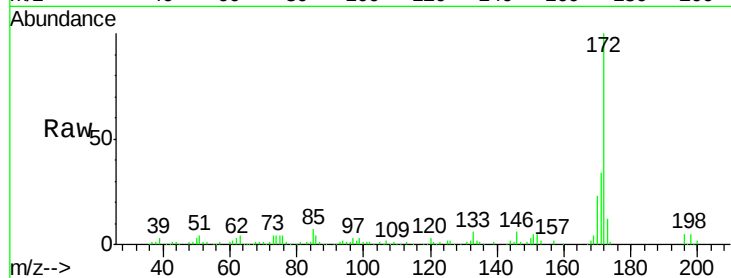
Tot Ion:172 Resp: 131475

Ion Ratio Lower Upper

172 100

171 34.4 29.7 44.5

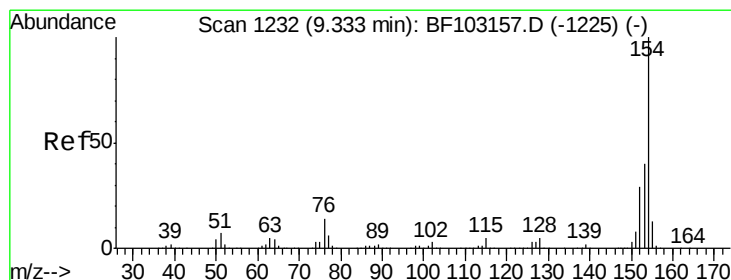
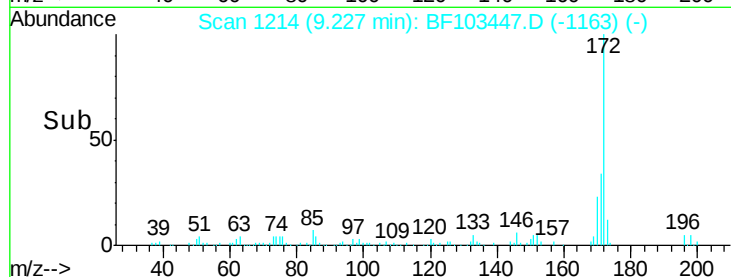
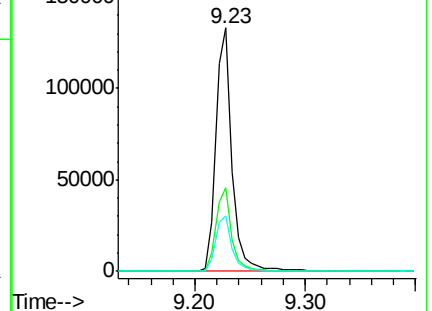
170 23.0 19.6 29.4



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: 4.842 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

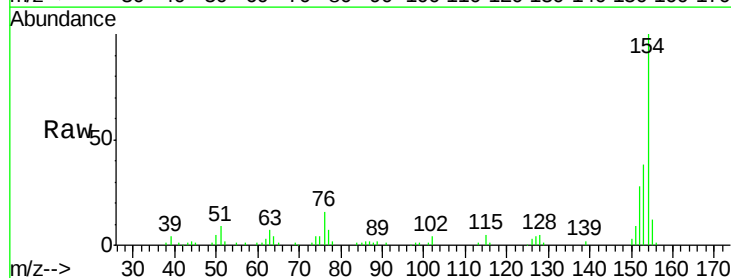
Tgt Ion:154 Resp: 76763

Ion Ratio Lower Upper

154 100

153 38.0 21.3 61.3

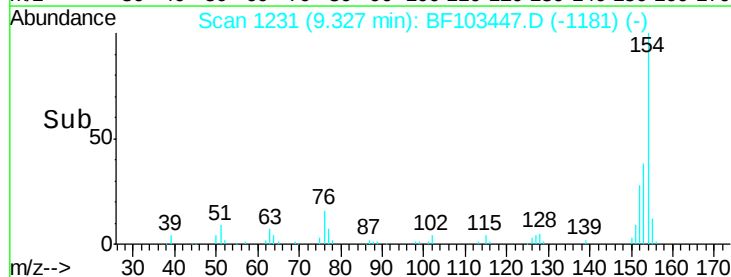
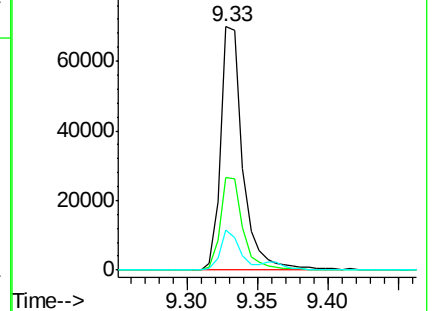
76 16.3 0.0 34.0

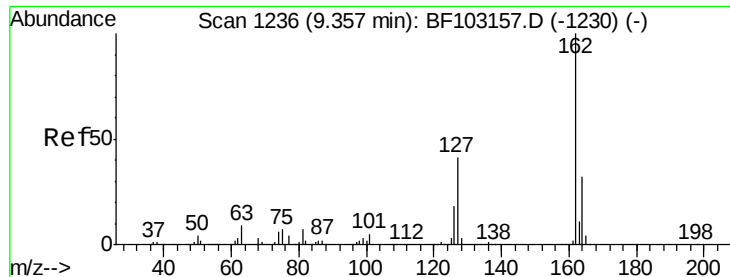


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

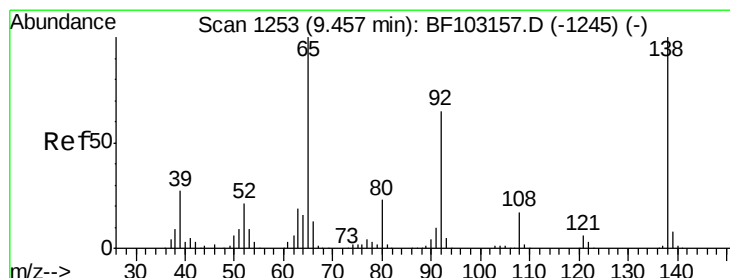
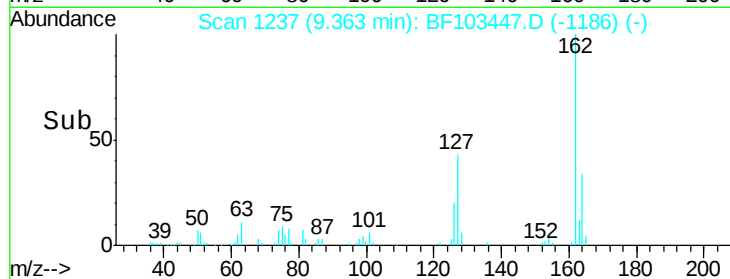
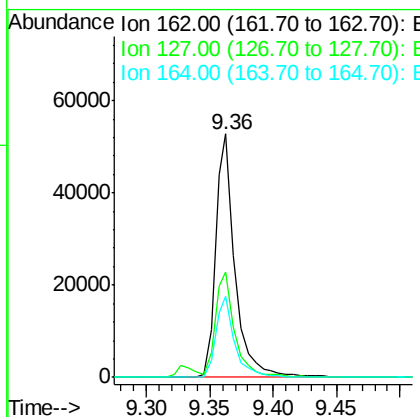
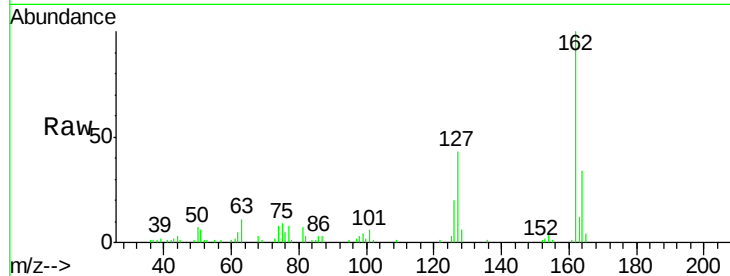




#46
 2-Chloronaphthalene
 Concen: 4.505 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

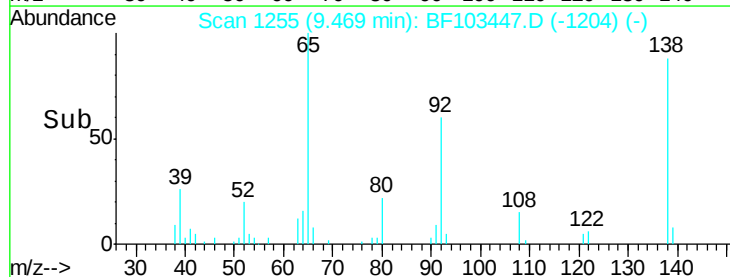
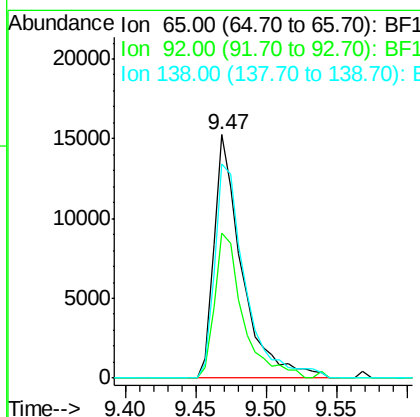
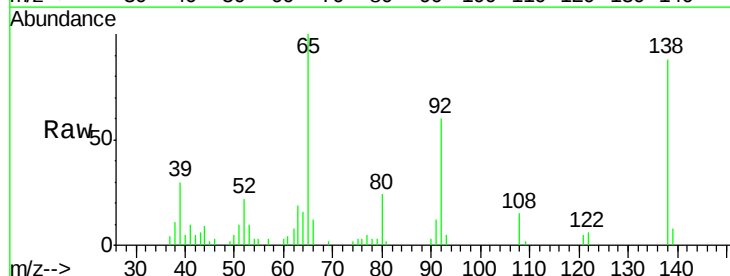
Instrument :
 BNA_F
 ClientSampleId :

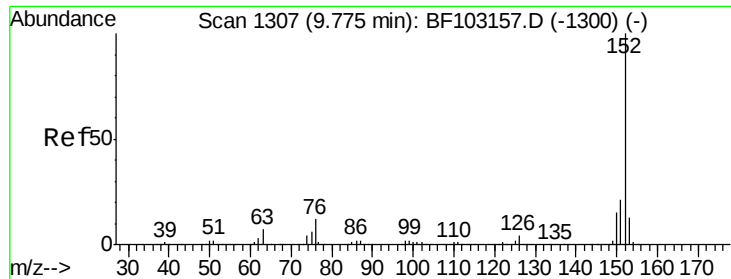
Tot Ion:	162	Resp:	56505
Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.9	50.9
164	33.5	26.5	39.7



#47
 2-Nitroaniline
 Concen: 4.503 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:	65	Resp:	20919
Ion	Ratio	Lower	Upper
65	100		
92	59.8	55.8	83.6
138	87.7	91.2	136.8#





#48

Acenaphthylene

Concen: 4.625 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

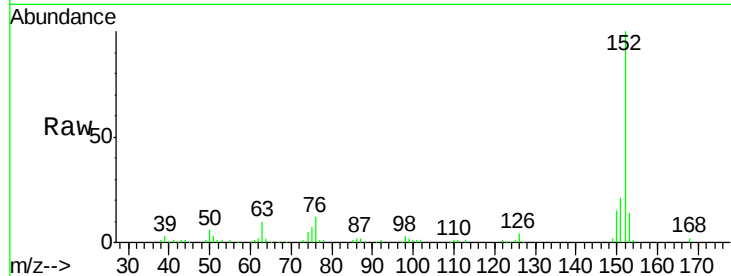
Tot Ion:152 Resp: 89248

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

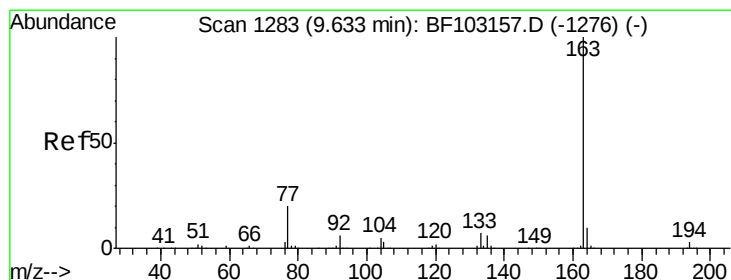
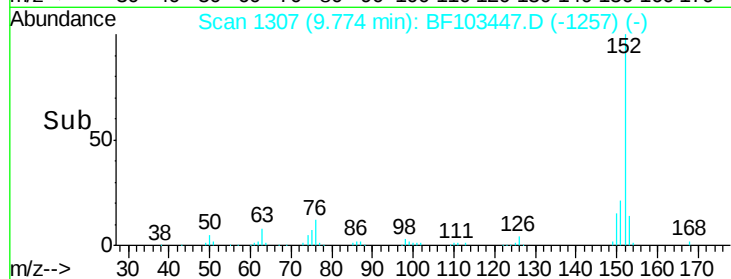
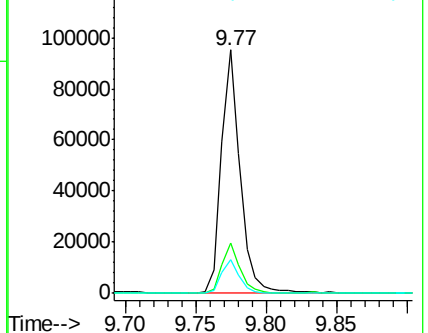
153 14.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.347 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

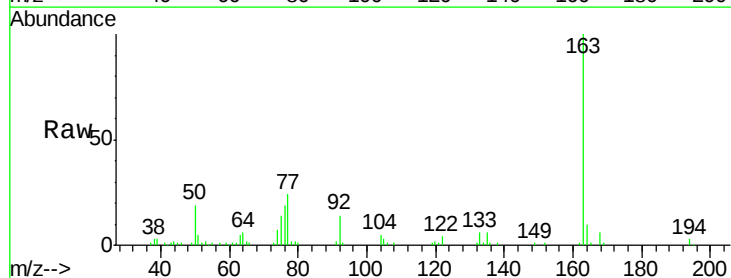
Tgt Ion:163 Resp: 65977

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

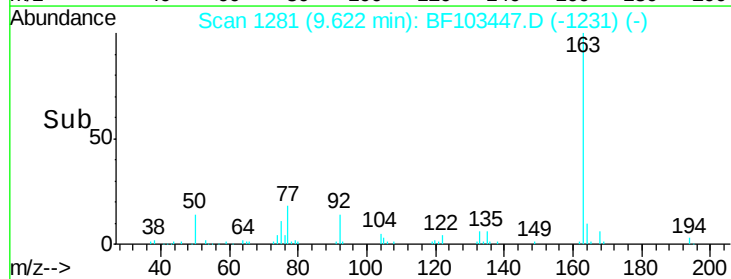
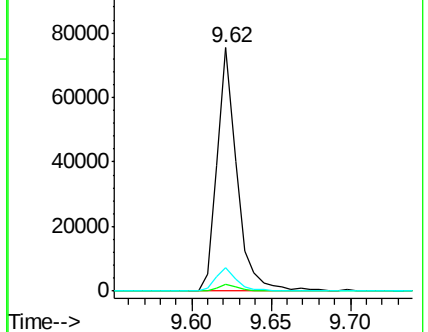
164 9.7 8.2 12.2

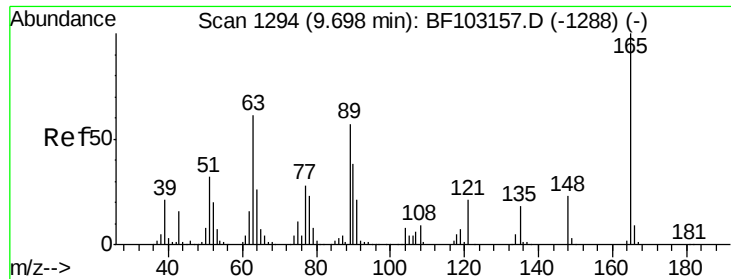


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

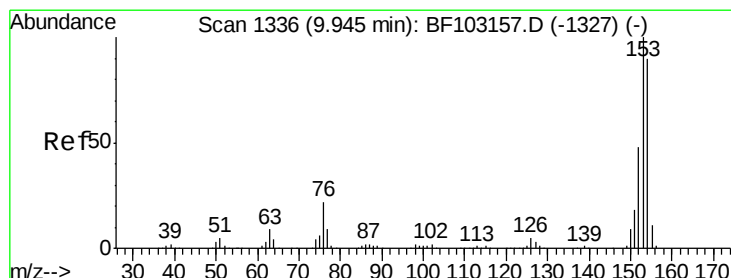
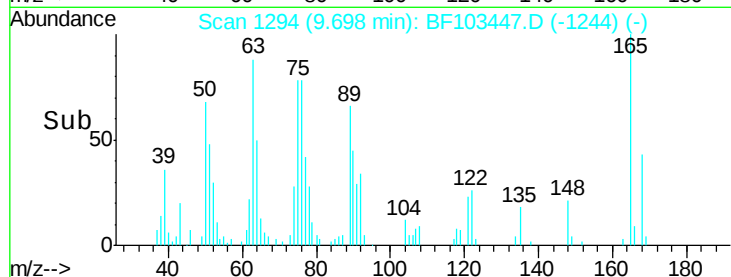
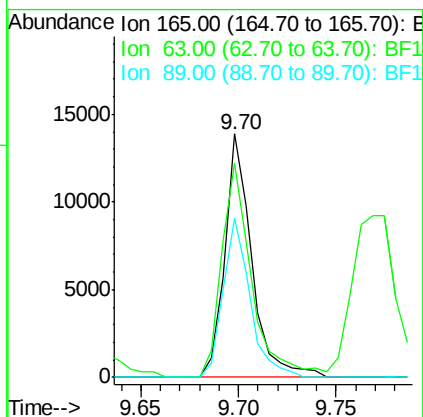
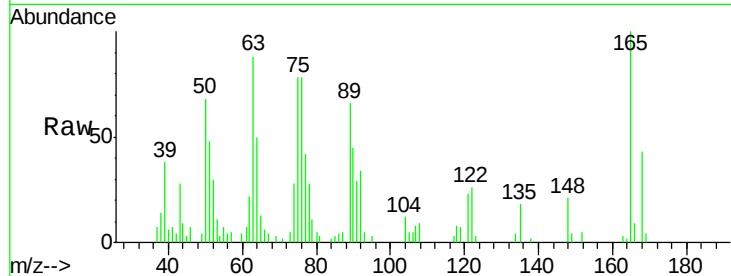




#50
2,6-Dinitrotoluene
Concen: 4.172 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

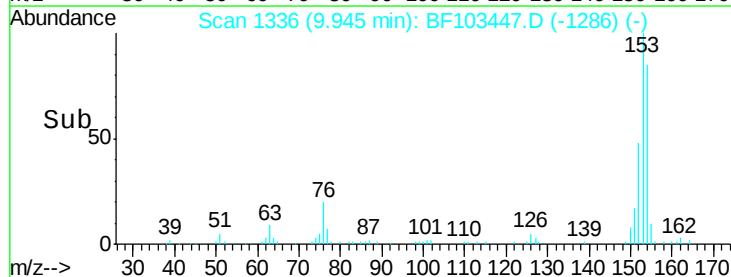
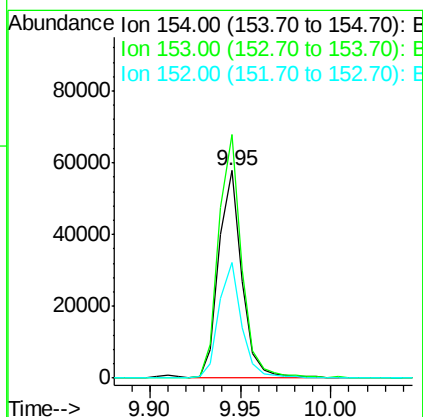
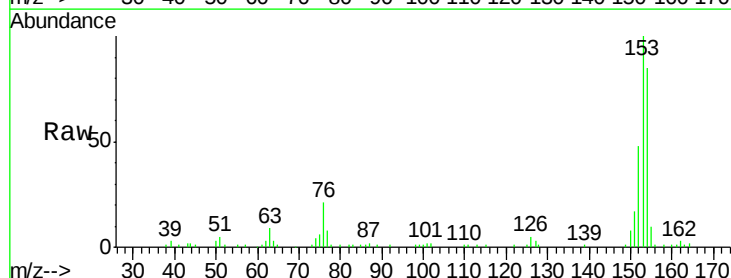
Instrument :
BNA_F
ClientSampleId :

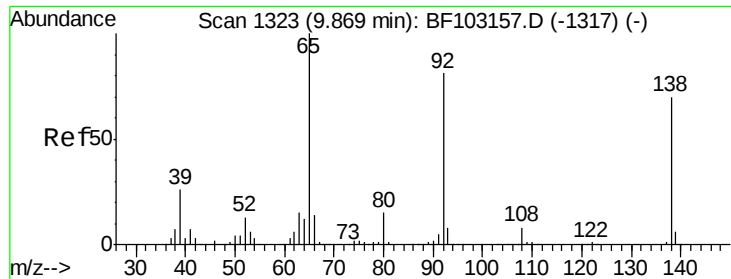
Tot Ion:165 Resp: 13288
Ion Ratio Lower Upper
165 100
63 88.2 44.7 67.1#
89 65.6 44.0 66.0



#51
Acenaphthene
Concen: 4.562 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:154 Resp: 51328
Ion Ratio Lower Upper
154 100
153 117.2 91.2 136.8
152 55.8 43.8 65.8

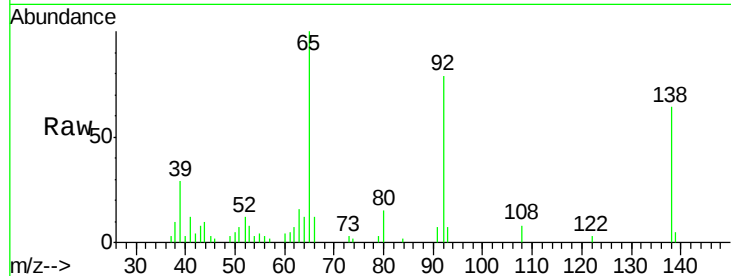




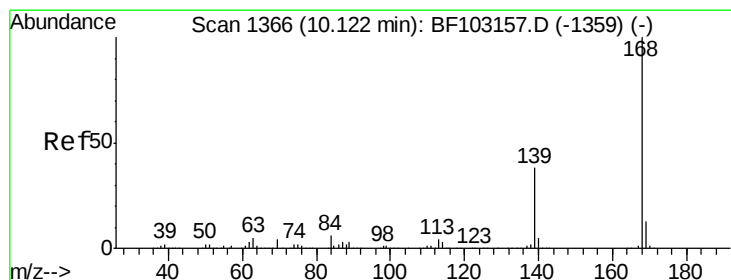
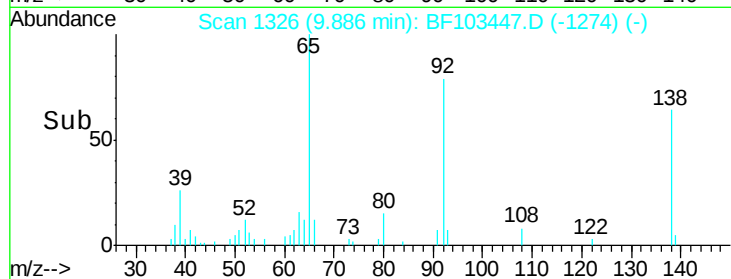
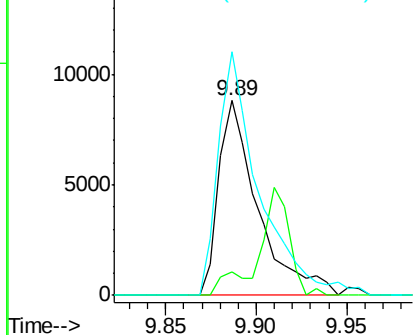
#52
3-Nitroaniline
Concen: 3.276 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 13236
Ion Ratio Lower Upper
138 100
108 12.0 9.4 14.0
92 125.0 89.4 134.2

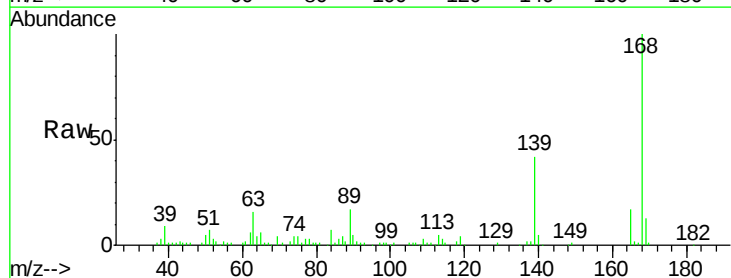


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

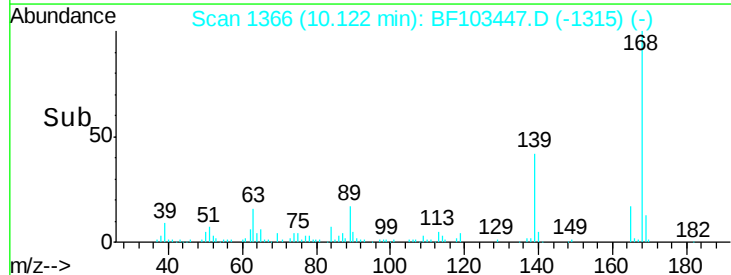
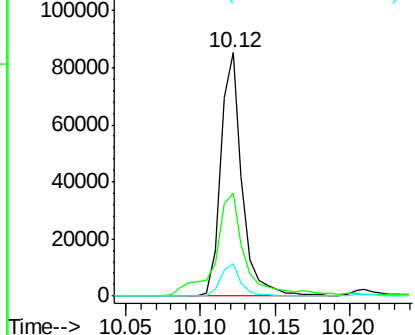


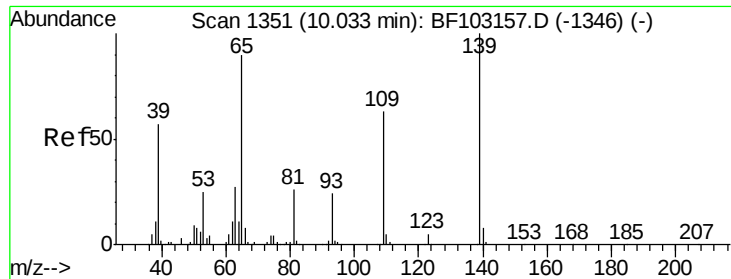
#54
Dibenzofuran
Concen: 5.528 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:168 Resp: 85383
Ion Ratio Lower Upper
168 100
139 42.3 30.1 45.1
169 13.4 10.9 16.3



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

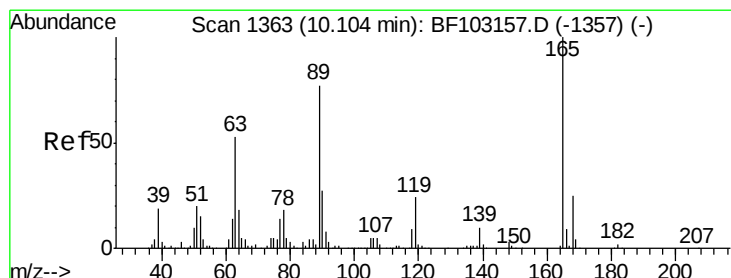
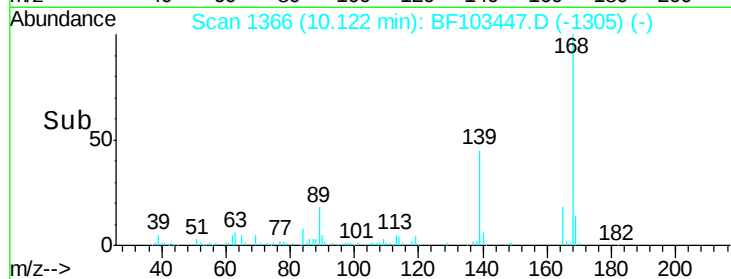
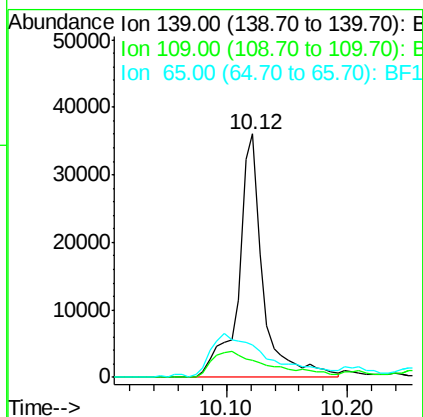
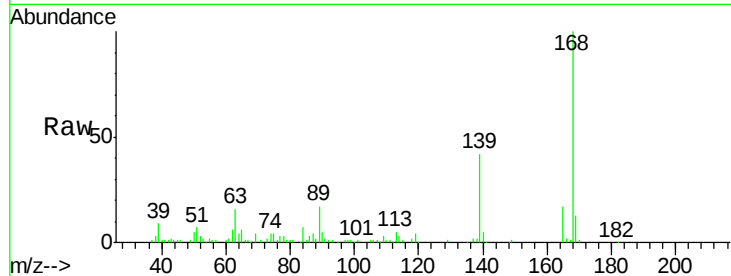




#55
4-Nitrophenol
Concen: 20.358 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.06 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

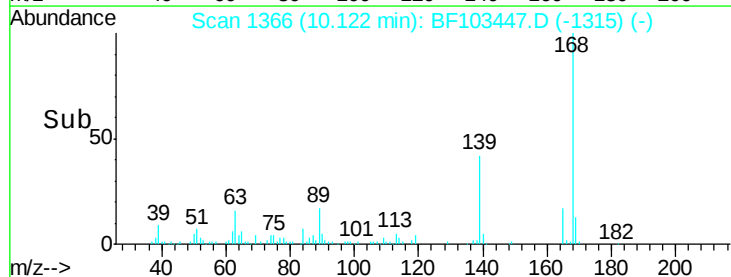
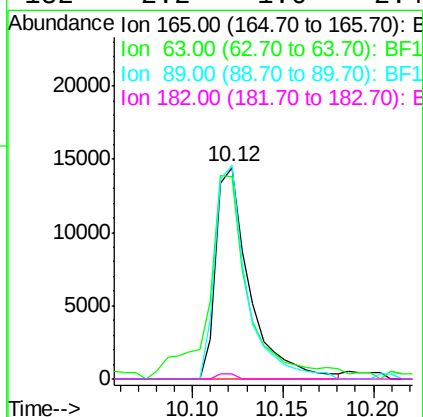
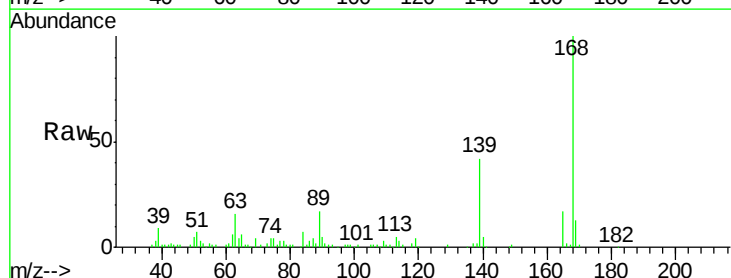
Instrument :
BNA_F
ClientSampled :

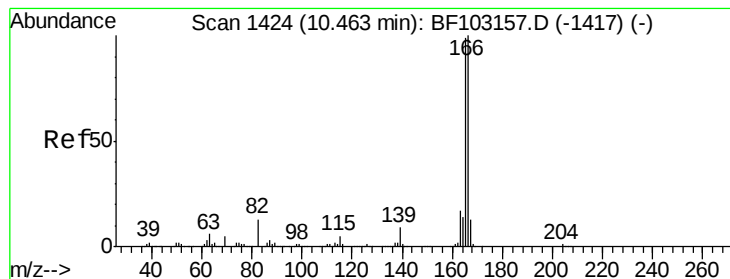
Tot Ion:139 Resp: 50984
Ion Ratio Lower Upper
139 100
109 7.2 48.4 88.4#
65 13.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 4.627 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:165 Resp: 18640
Ion Ratio Lower Upper
165 100
63 95.7 36.4 54.6#
89 101.0 57.8 86.6#
182 2.2 1.6 2.4





#57

Fluorene

Concen: 5.159 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

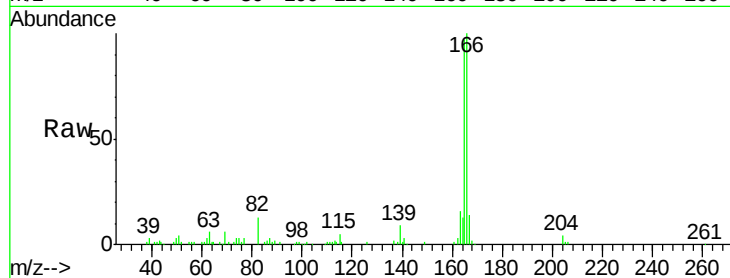
Tot Ion:166 Resp: 67887

Ion Ratio Lower Upper

166 100

165 96.7 79.8 119.8

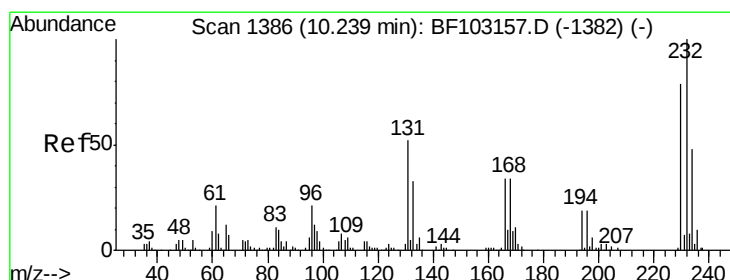
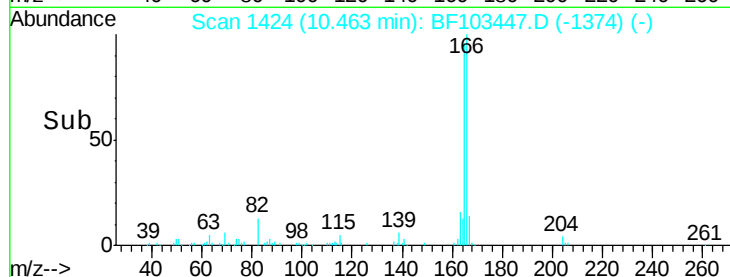
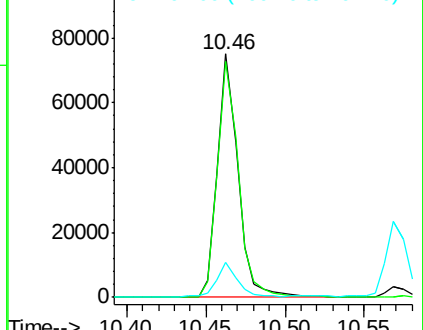
167 14.4 10.6 16.0



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: 4.425 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:232 Resp: 11898

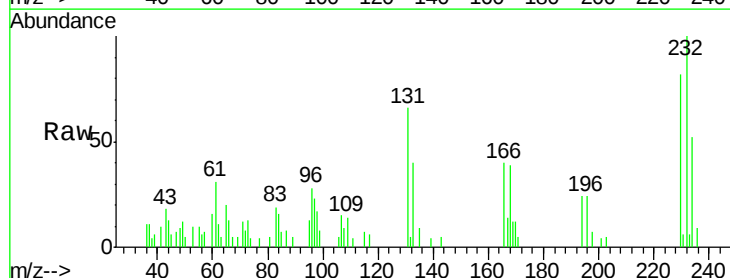
Ion Ratio Lower Upper

232 100

131 61.0 43.8 65.8

130 0.9 2.1 3.1#

166 35.6 27.8 41.6

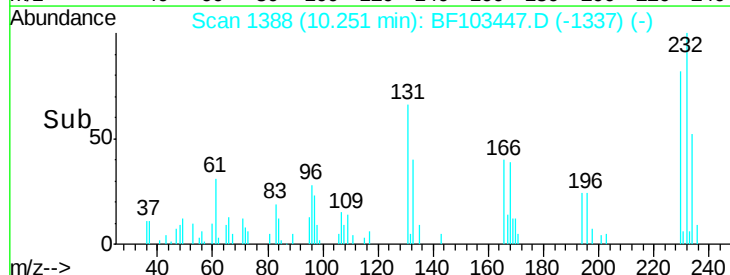
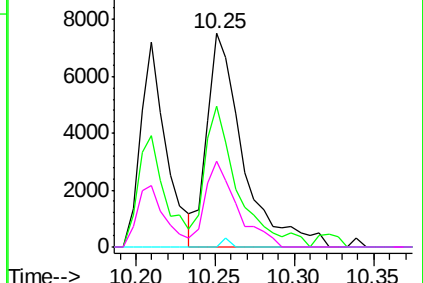


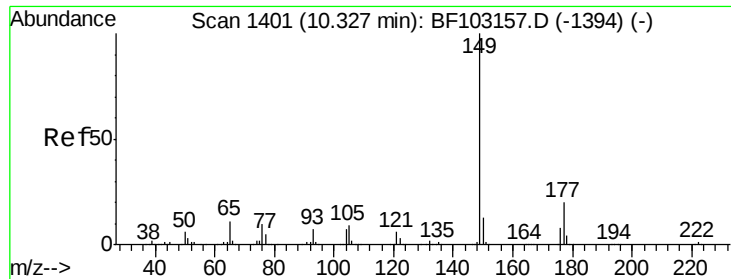
Abundance Ion 232.00 (231.70 to 232.70): E

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

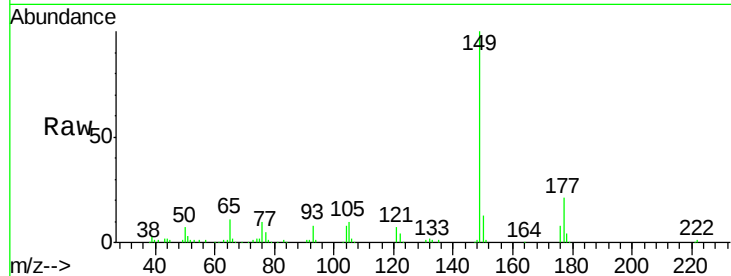




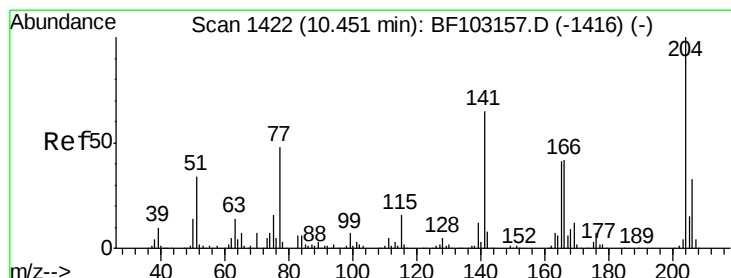
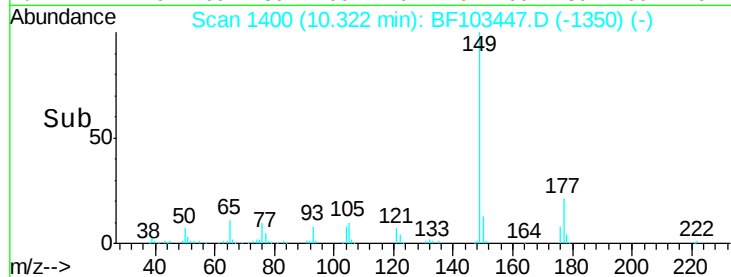
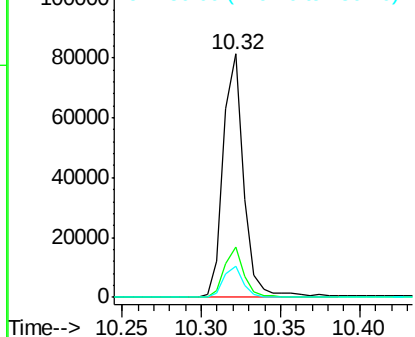
#59
Diethylphthalate
Concen: 5.048 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 73277
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.8 10.1 15.1

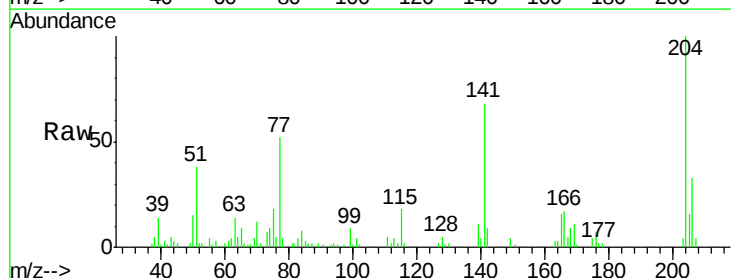


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

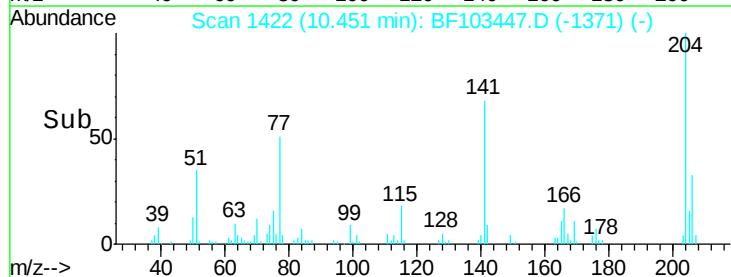
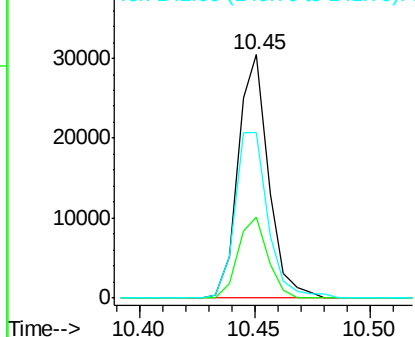


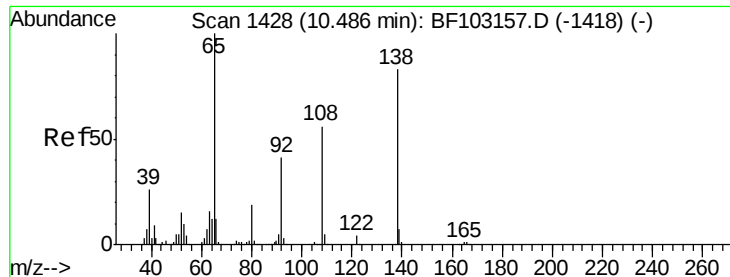
#60
4-Chlorophenyl-phenylether
Concen: 5.021 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:204 Resp: 28016
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 68.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

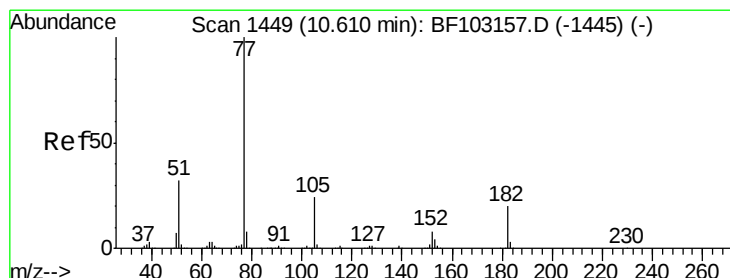
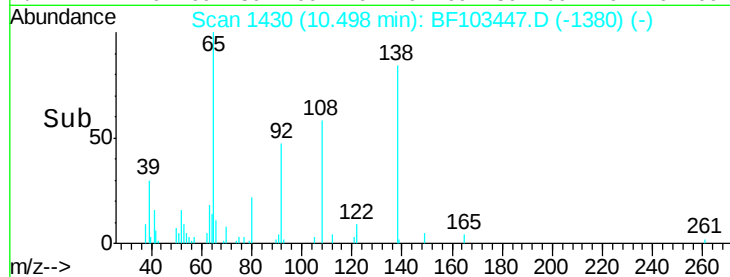
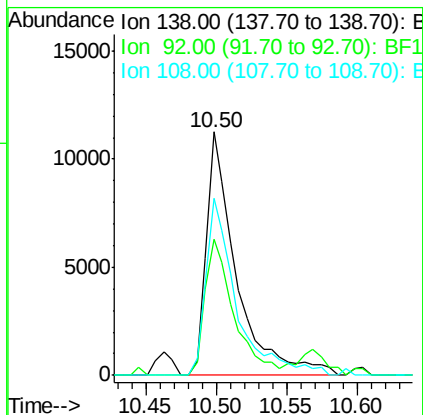
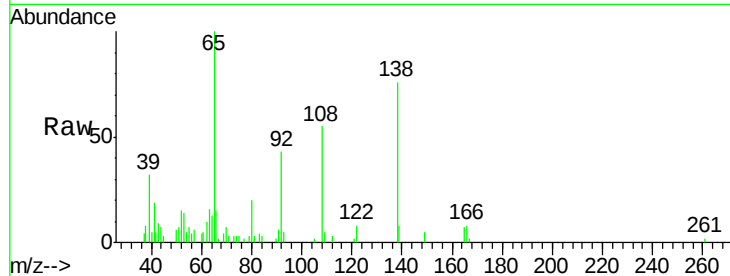




#61
4-Nitroaniline
Concen: 4.106 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

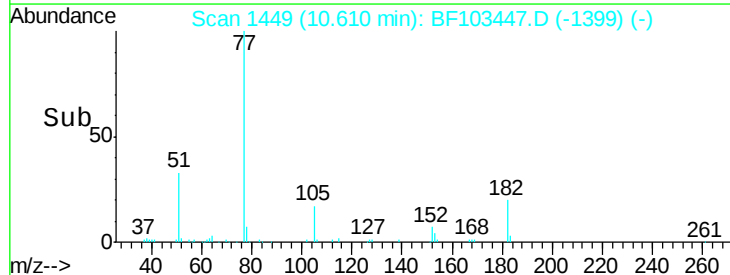
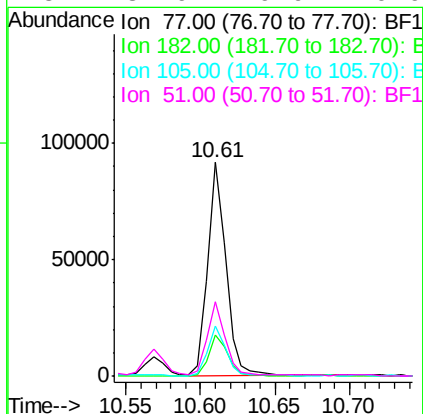
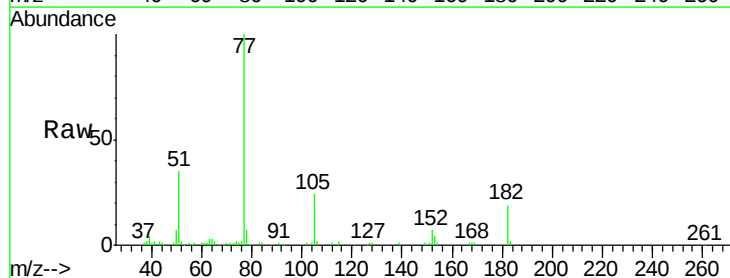
Instrument :
BNA_F
ClientSampleId :

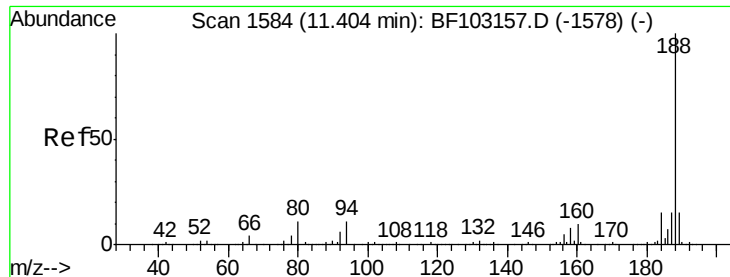
Tot Ion:138 Resp: 16573
Ion Ratio Lower Upper
138 100
92 55.7 30.2 70.2
108 72.6 52.5 92.5



#62
Azobenzene
Concen: 5.261 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion: 77 Resp: 77727
Ion Ratio Lower Upper
77 100
182 18.9 1.7 41.7
105 23.5 3.0 43.0
51 34.9 9.9 49.9

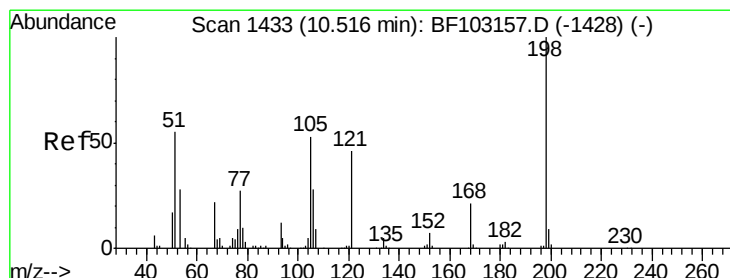
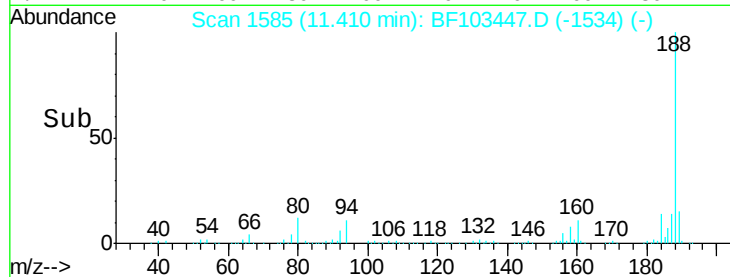
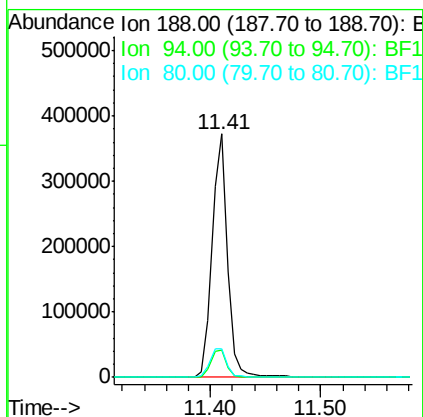
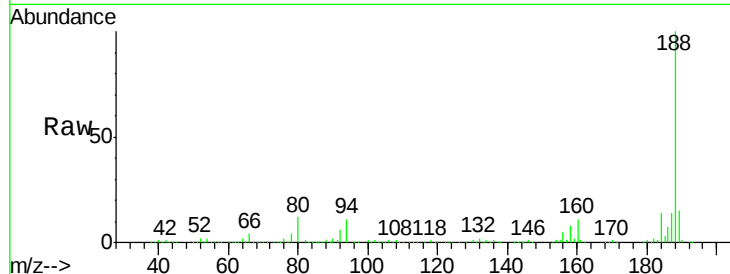




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

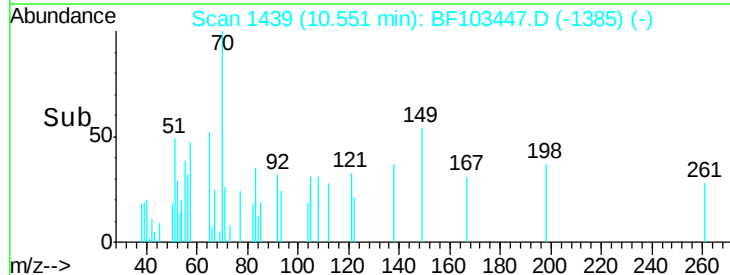
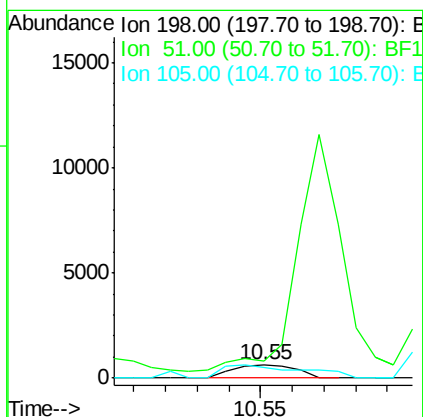
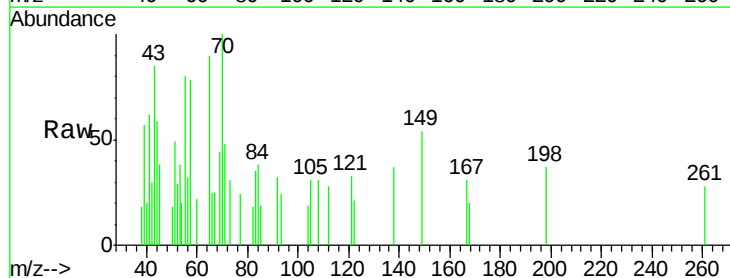
Instrument :
BNA_F
ClientSampleId :

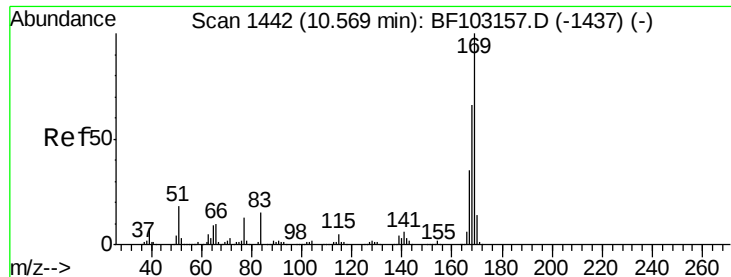
Tot Ion:188 Resp: 350567
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.313 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:198 Resp: 874
Ion Ratio Lower Upper
198 100
51 130.4 37.7 77.7#
105 83.9 36.3 76.3#

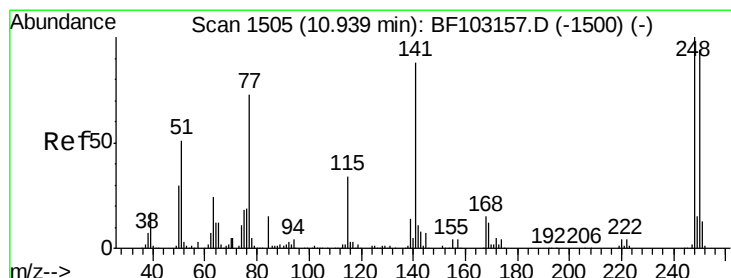
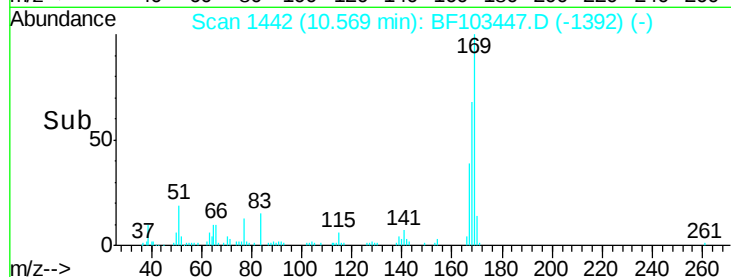
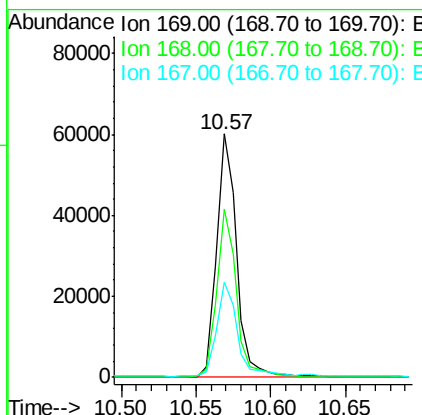
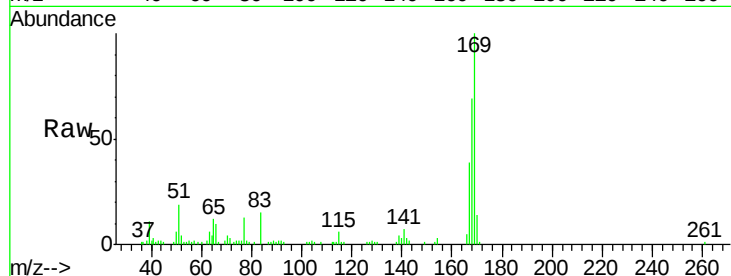




#65
 n-Nitrosodiphenylamine
 Concen: 4.631 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

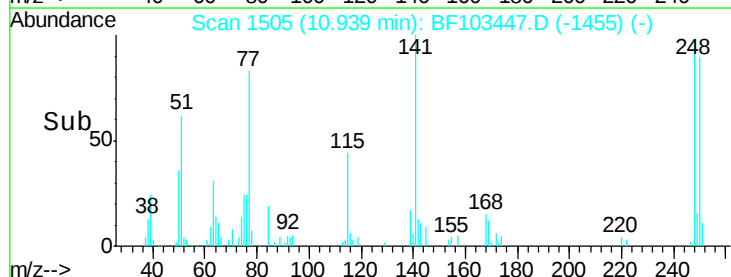
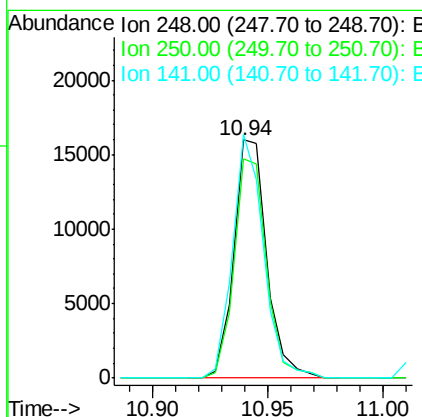
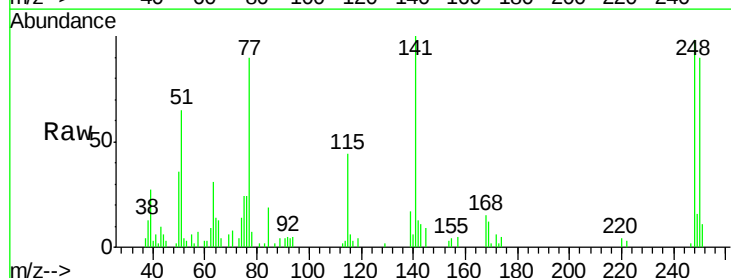
Instrument :
 BNA_F
 ClientSampleId :

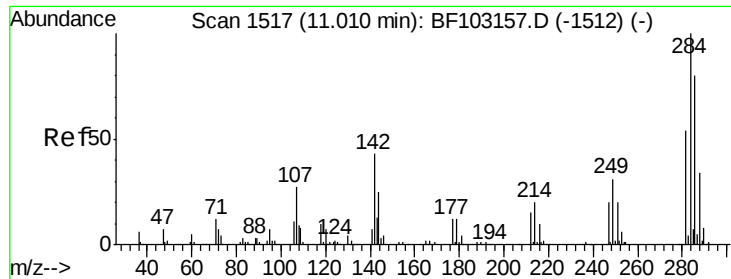
Tot Ion:169 Resp: 56525
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.4 81.6
 167 39.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 4.347 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:248 Resp: 15873
 Ion Ratio Lower Upper
 248 100
 250 92.1 76.9 115.3
 141 102.2 74.4 111.6

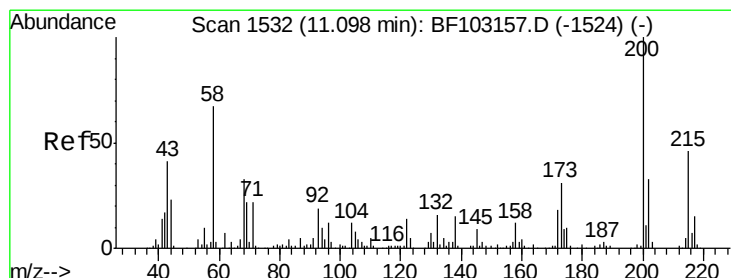
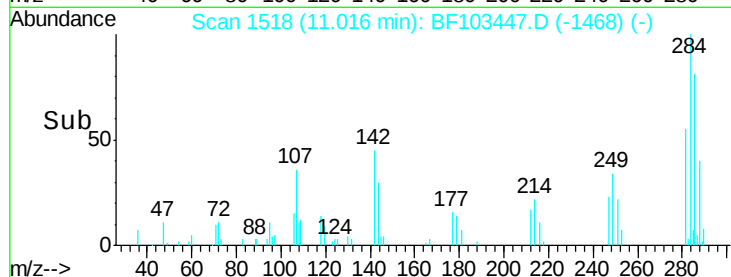
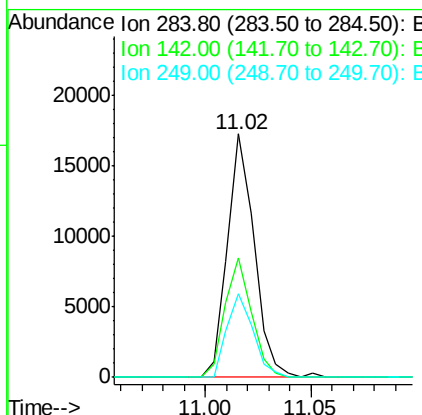
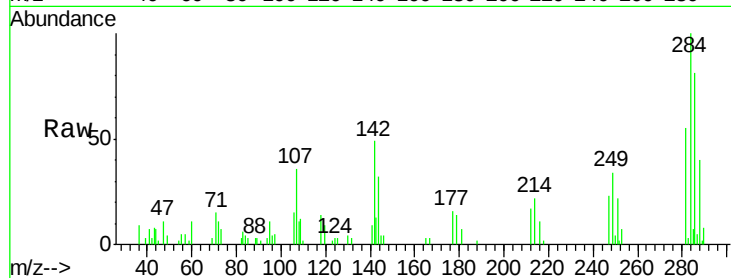




#67
Hexachlorobenzene
Concen: 3.833 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

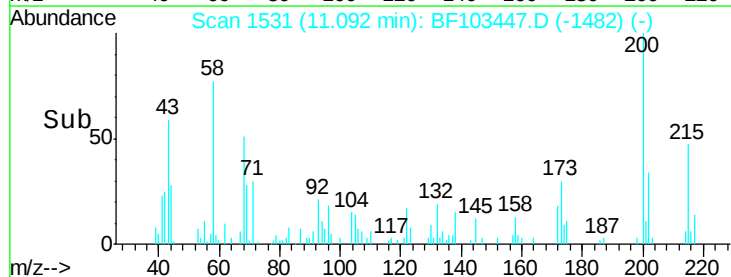
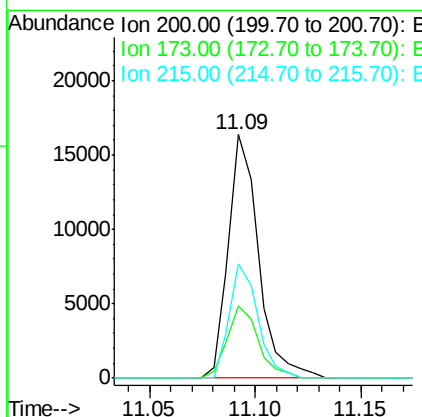
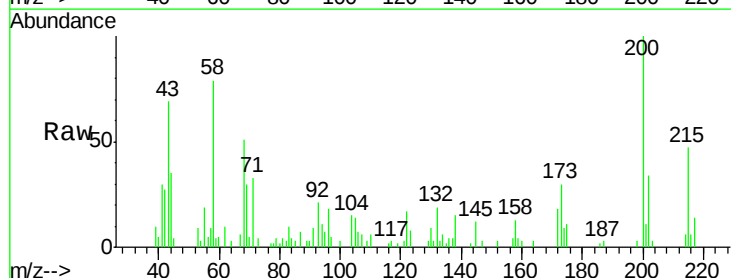
Instrument :
BNA_F
ClientSampleId :

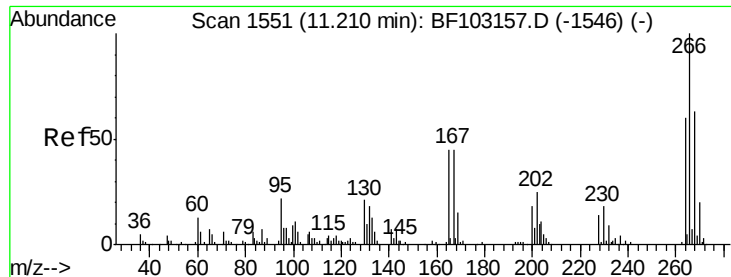
Tot Ion:284 Resp: 15194
Ion Ratio Lower Upper
284 100
142 49.2 34.6 52.0
249 34.4 24.8 37.2



#68
Atrazine
Concen: 4.409 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:200 Resp: 16174
Ion Ratio Lower Upper
200 100
173 29.7 8.6 48.6
215 46.9 25.1 65.1





#69

Pentachlorophenol

Concen: 2.777 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

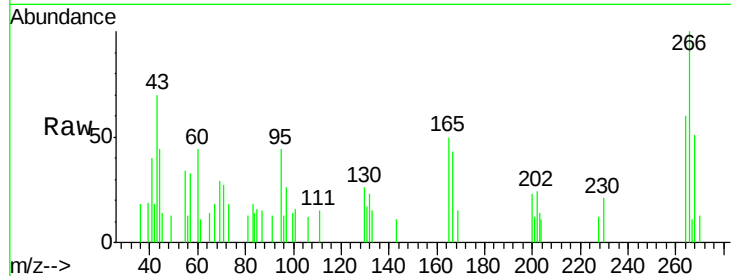
Tot Ion:266 Resp: 5323

Ion Ratio Lower Upper

266 100

268 51.3 51.1 76.7

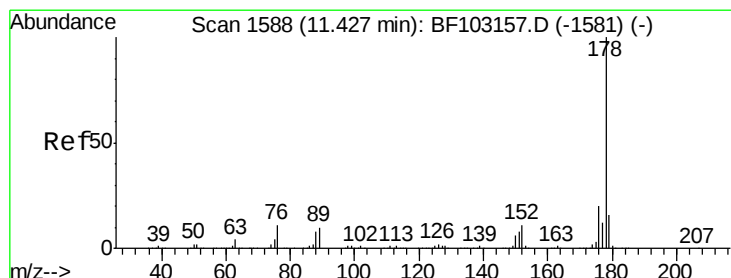
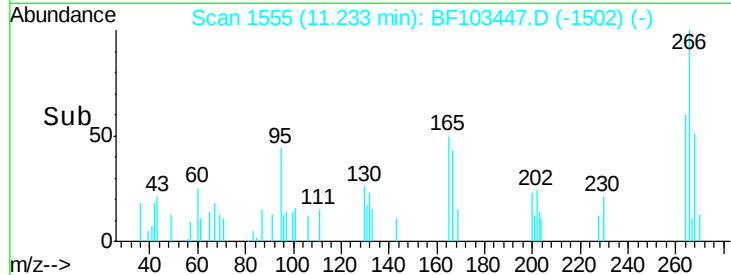
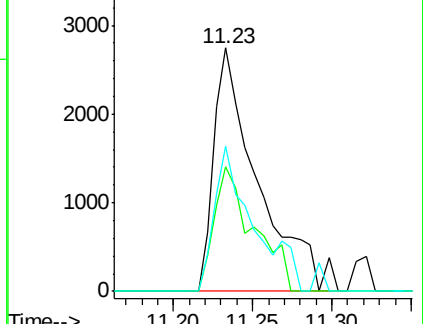
264 59.8 49.5 74.3



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: 4.750 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

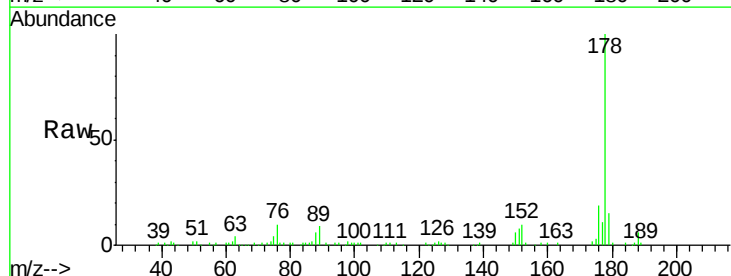
Tgt Ion:178 Resp: 91644

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

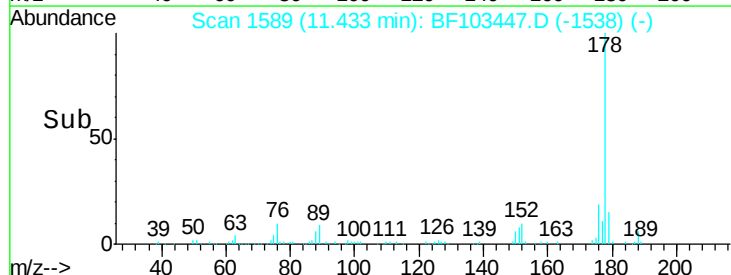
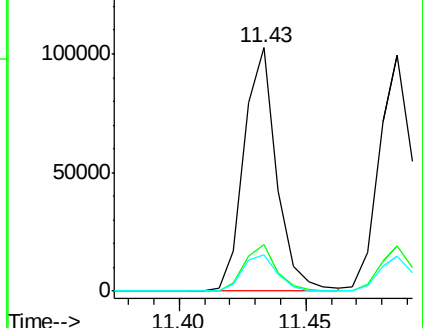
179 14.9 13.0 19.6

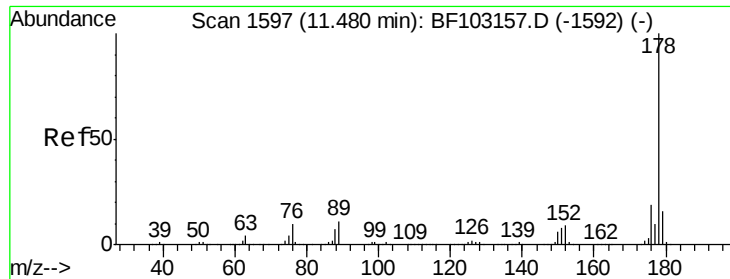


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

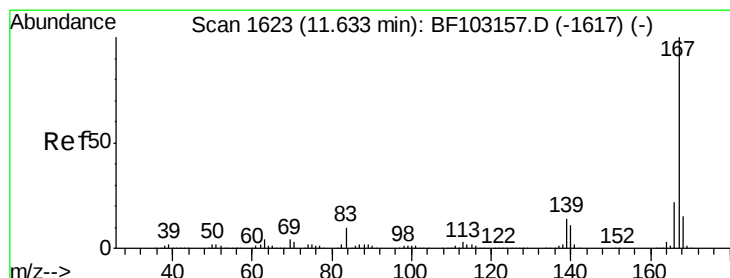
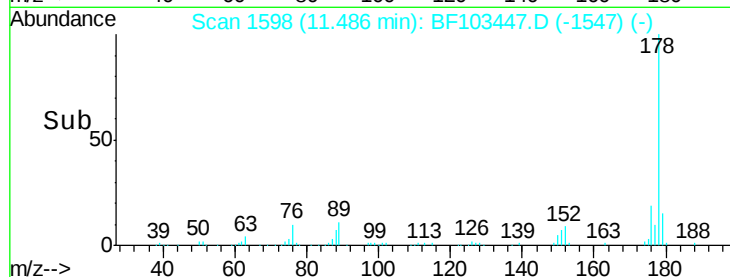
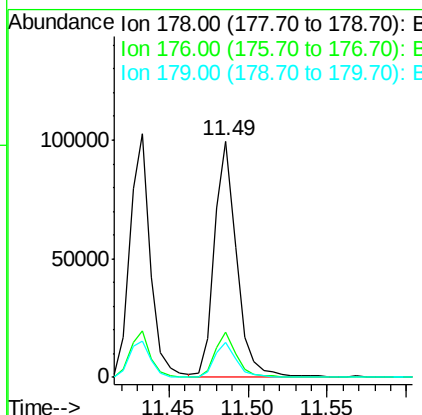
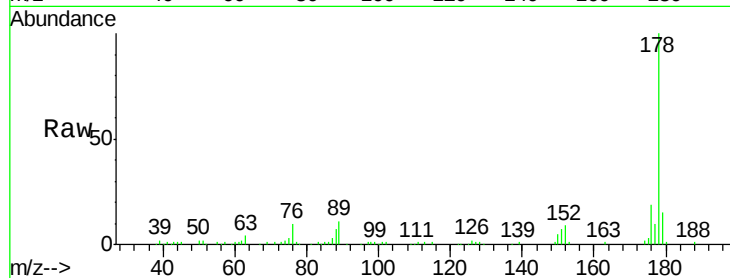




#71
 Anthracene
 Concen: 4.925 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

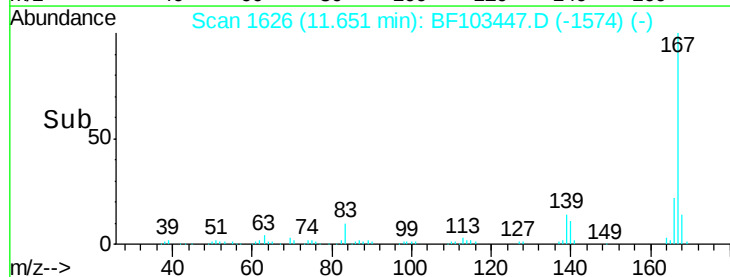
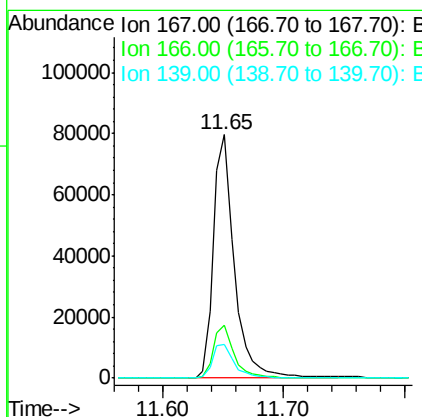
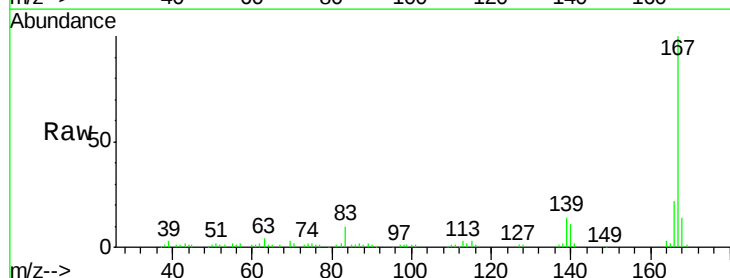
Instrument :
 BNA_F
 ClientSampled :

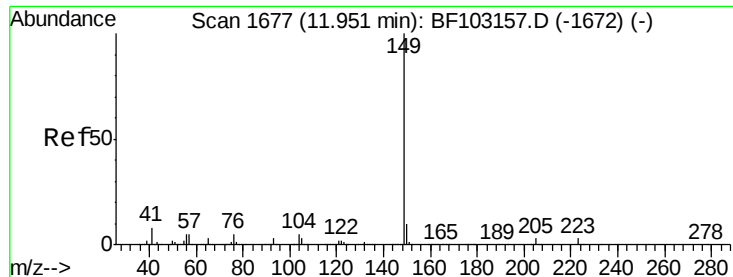
Tot Ion:178 Resp: 97429
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 4.798 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:167 Resp: 94527
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.9 10.9 16.3

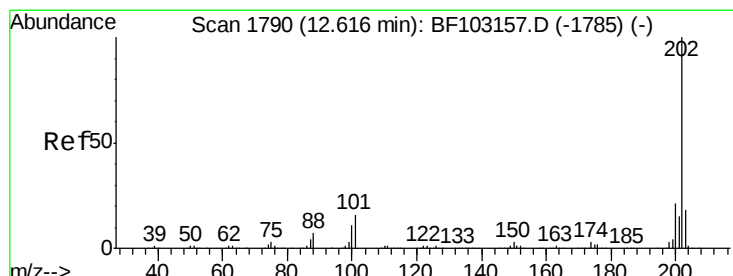
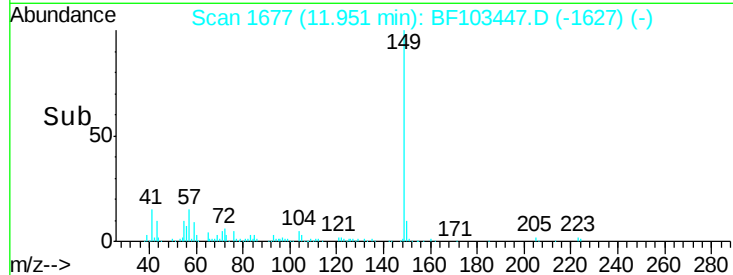
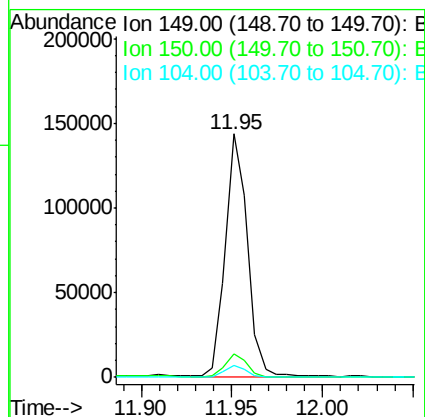
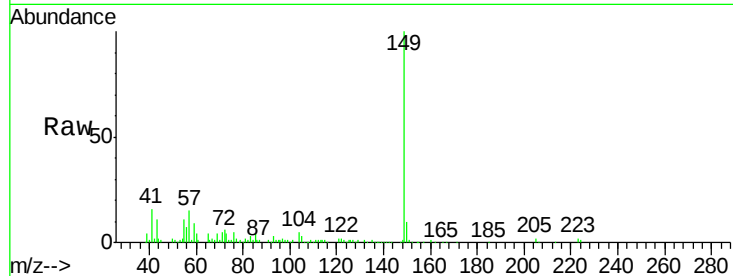




#73
Di-n-butylphthalate
Concen: 4.946 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

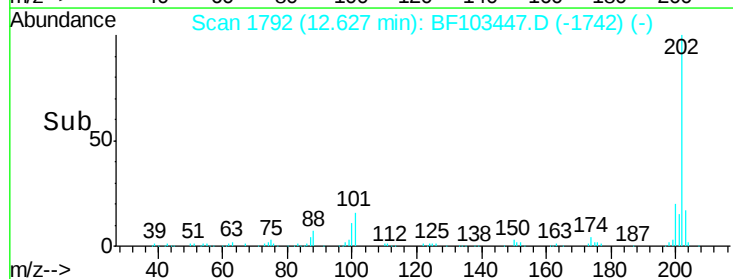
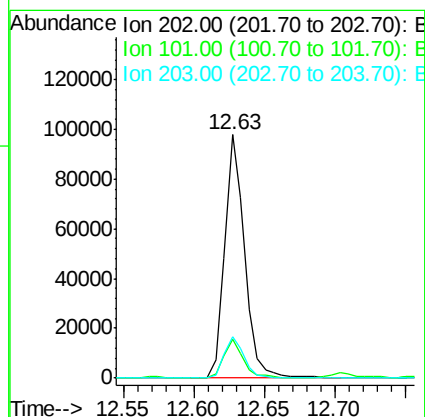
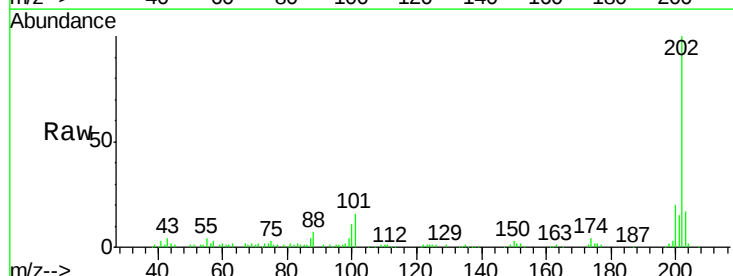
Instrument :
BNA_F
ClientSampleId :

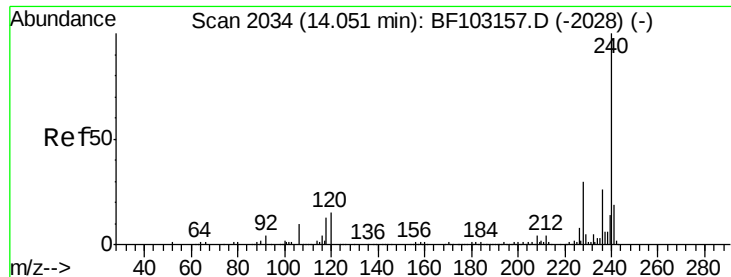
Tot Ion:149 Resp: 121917
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 4.940 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:202 Resp: 95779
Ion Ratio Lower Upper
202 100
101 16.1 0.0 34.1
203 16.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

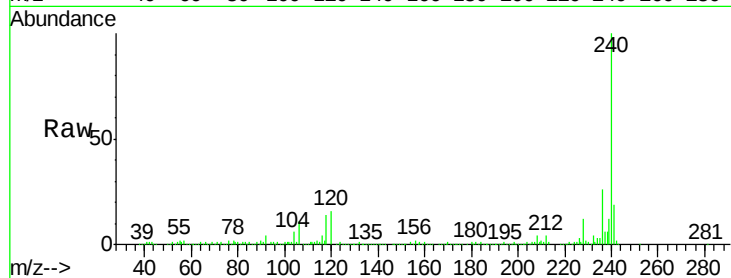
Tot Ion:240 Resp: 292092

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

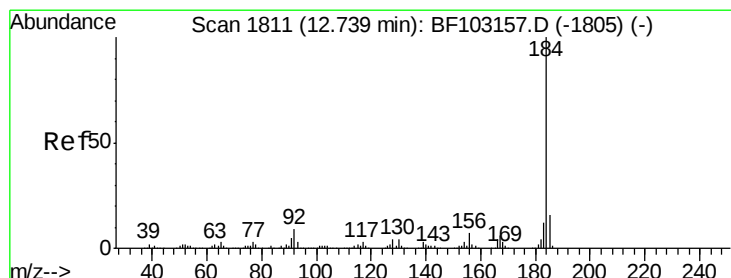
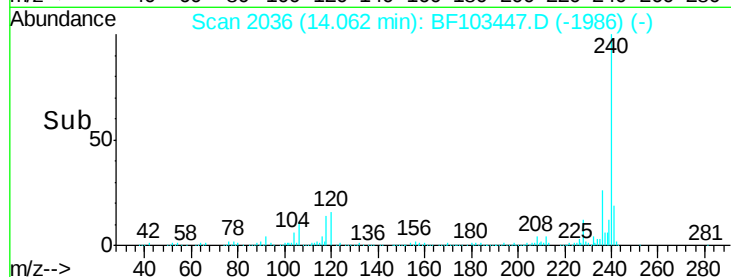
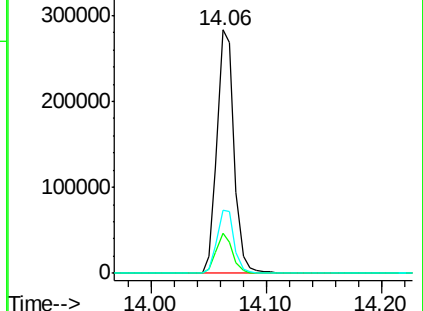
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.721 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

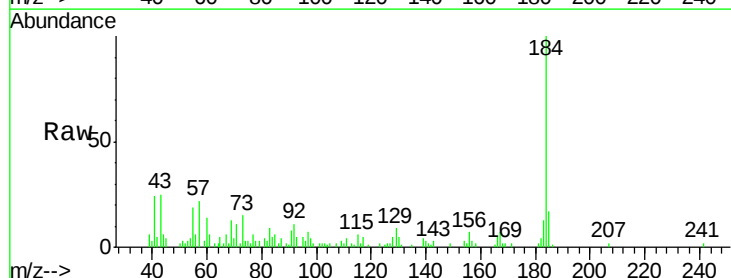
Tgt Ion:184 Resp: 29711

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

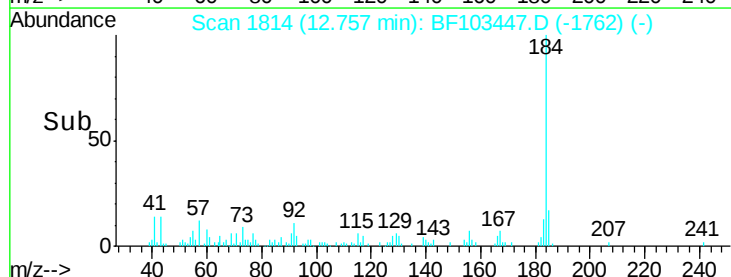
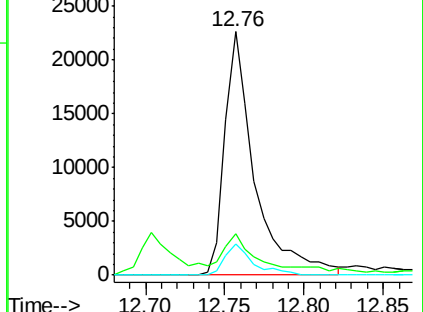
183 12.6 9.3 13.9

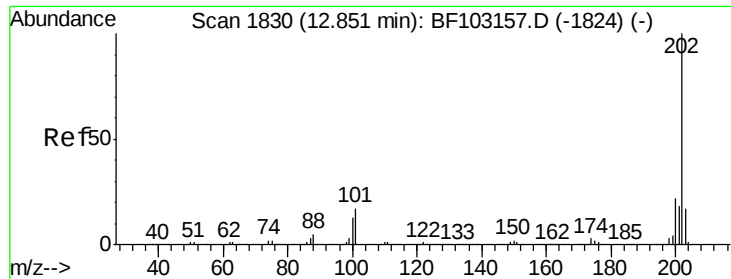


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

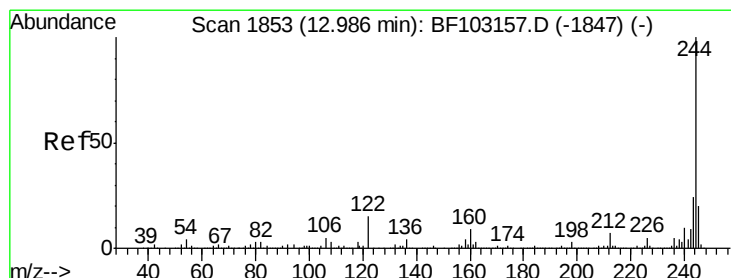
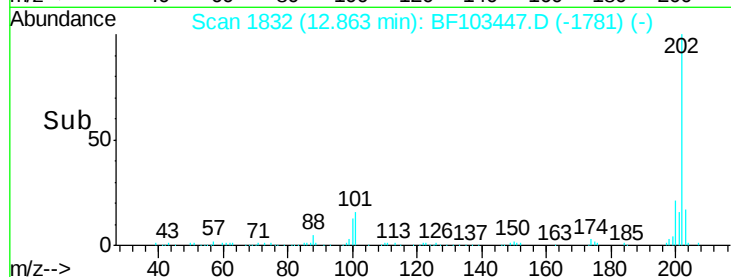
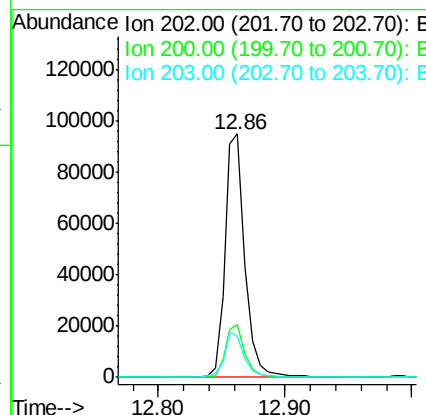
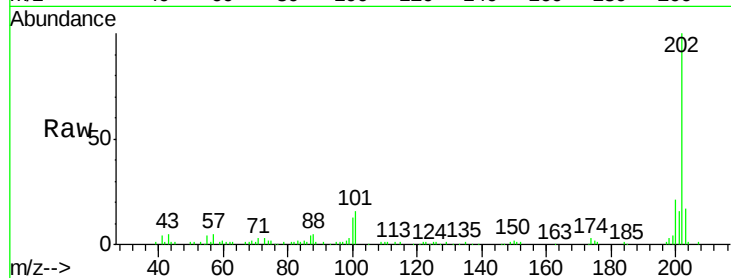




#77
Pvrene
Concen: 4.511 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

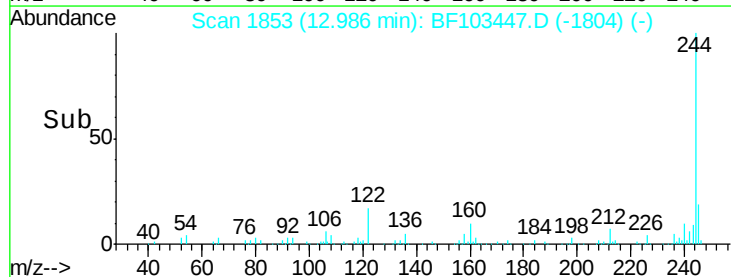
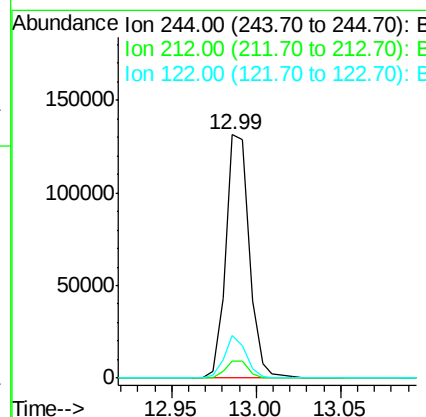
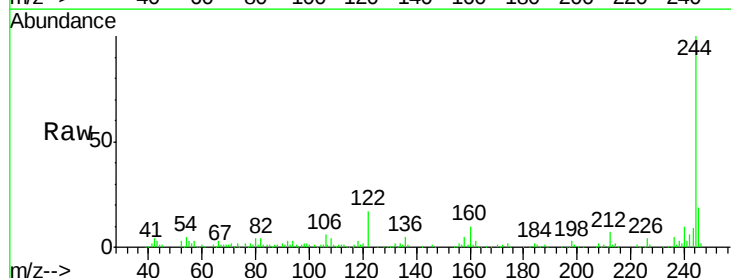
Instrument :
BNA_F
ClientSampleId :

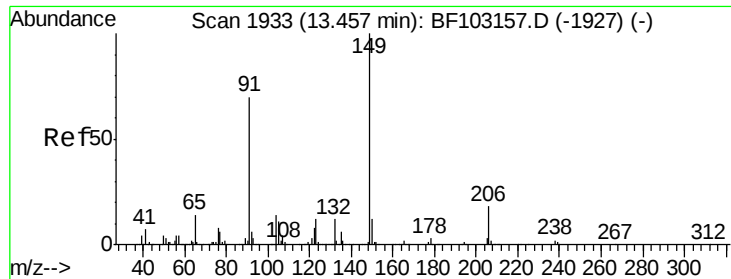
Tot Ion:202 Resp: 102741
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 16.8 14.3 21.5



#78
Terphenyl-d14
Concen: 10.527 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:244 Resp: 127907
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 17.5 11.0 16.4#

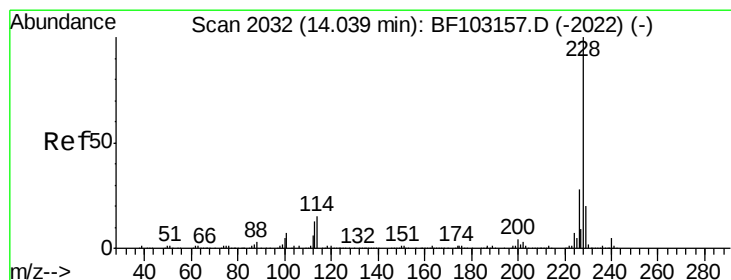
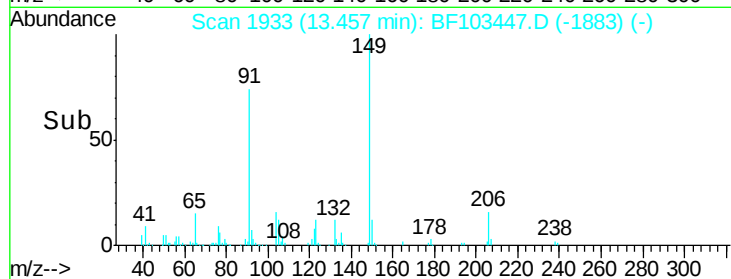
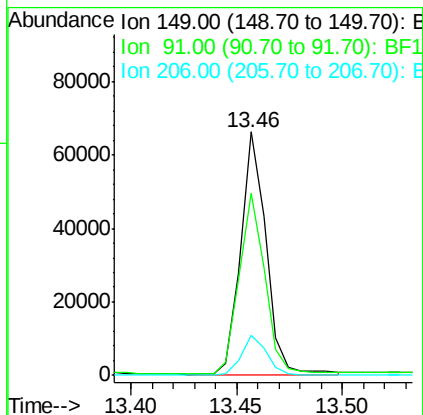
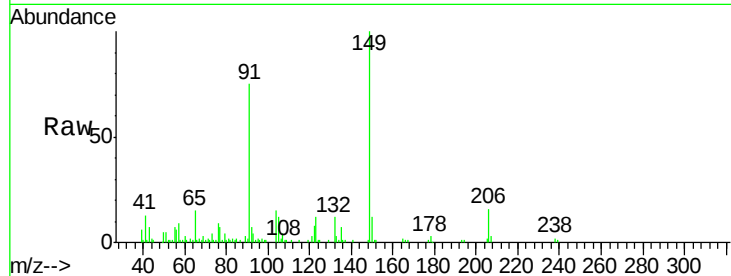




#79
Butylbenzylphthalate
Concen: 4.638 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

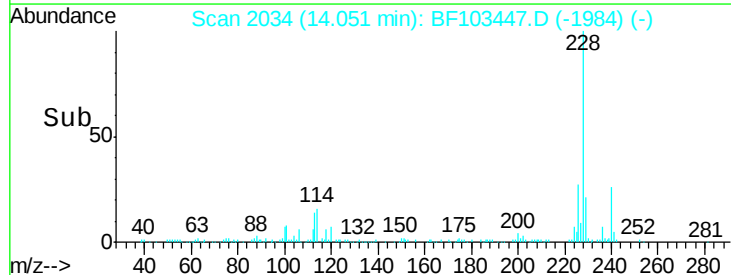
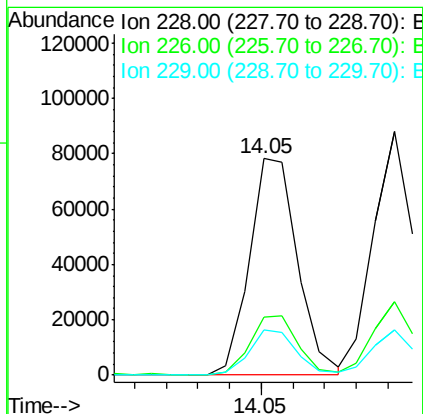
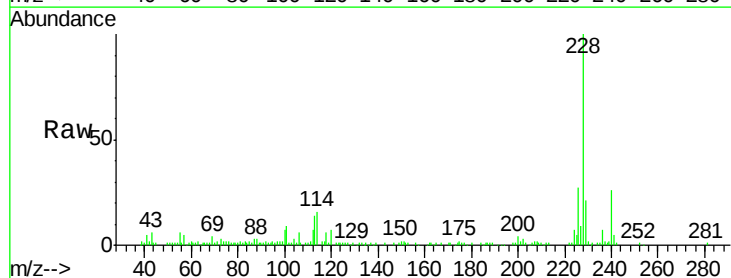
Instrument :
BNA_F
ClientSampleId :

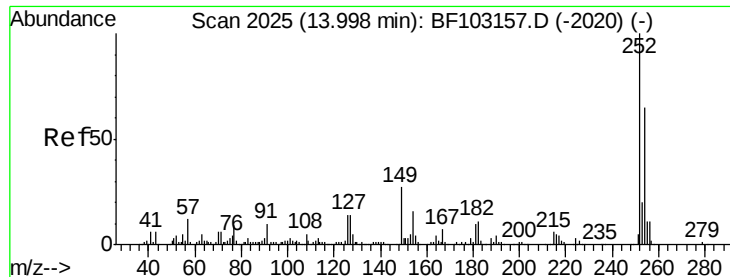
Tot Ion:149 Resp: 55799
Ion Ratio Lower Upper
149 100
91 74.7 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 4.352 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:228 Resp: 82488
Ion Ratio Lower Upper
228 100
226 26.6 22.6 33.8
229 20.9 15.8 23.6

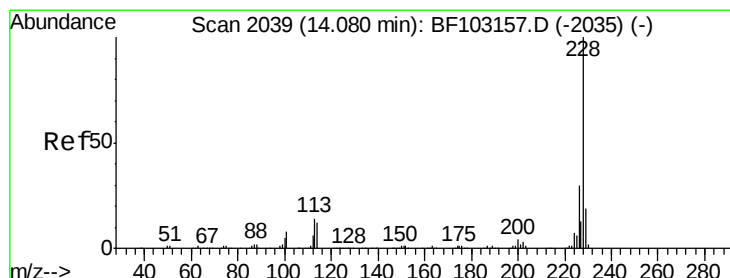
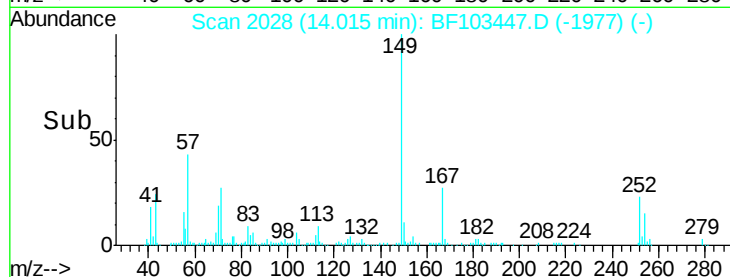
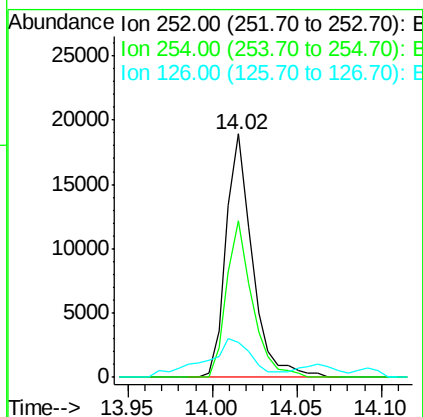
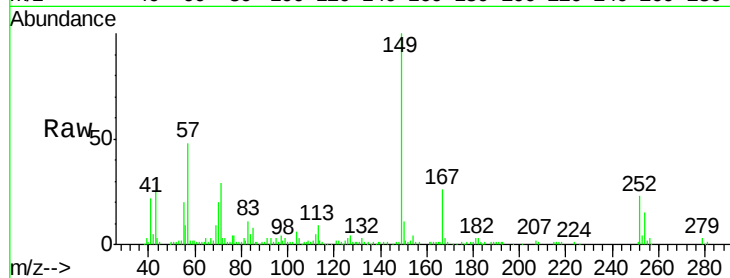




#81
 3,3'-Dichlorobenzidine
 Concen: 3.029 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

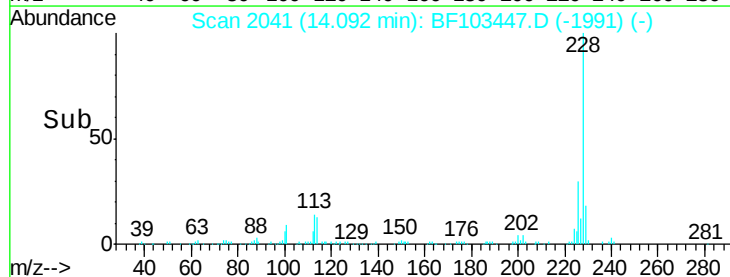
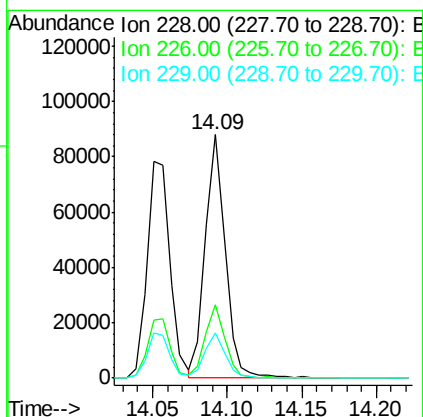
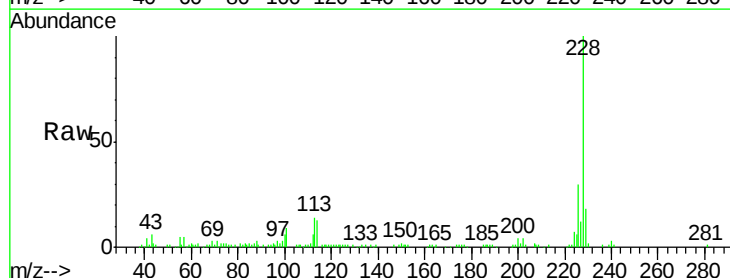
Instrument :
 BNA_F
 ClientSampleId :

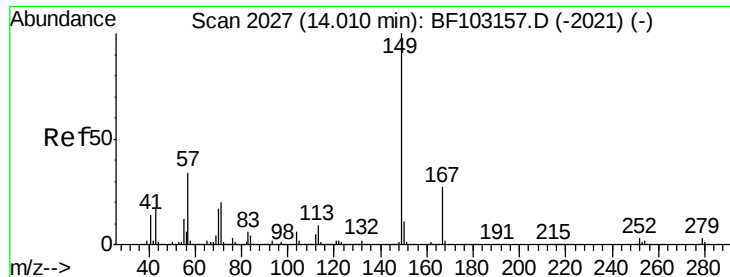
Tot Ion:252 Resp: 20485
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.4 75.6
 126 14.3 11.3 16.9



#82
 Chrysene
 Concen: 4.454 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:228 Resp: 81966
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 18.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.644 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

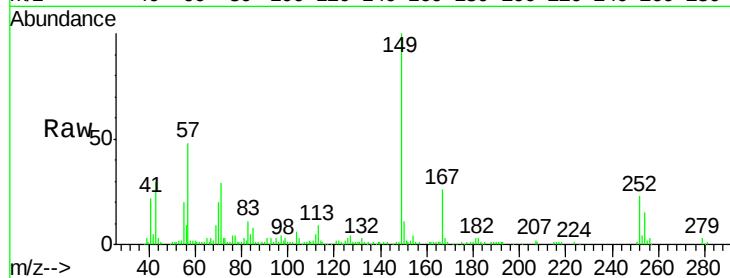
Tot Ion:149 Resp: 75407

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

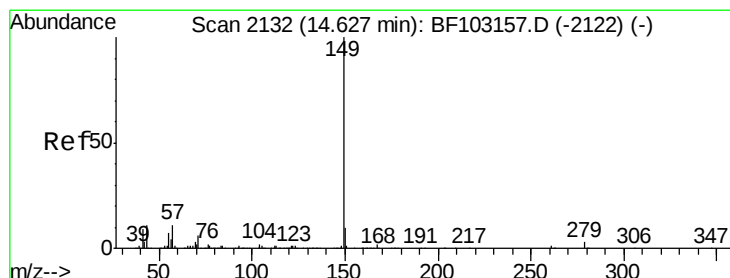
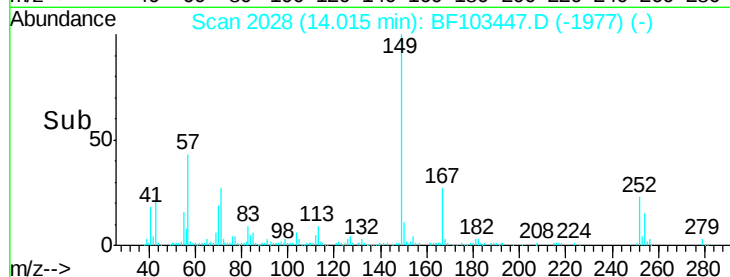
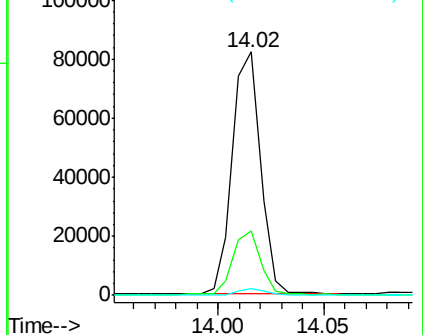
279 2.9 3.0 4.4#



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: 4.657 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

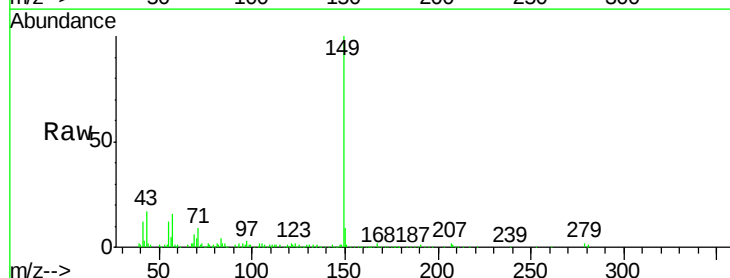
Tgt Ion:149 Resp: 122172

Ion Ratio Lower Upper

149 100

167 2.7 1.2 1.8#

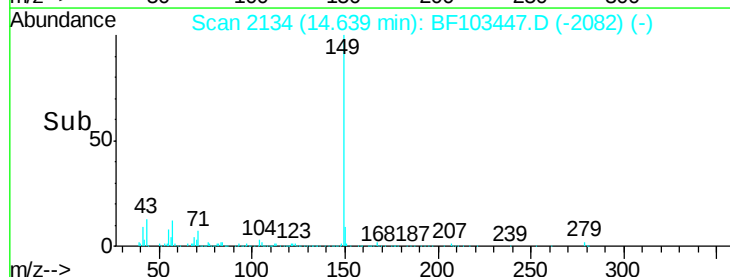
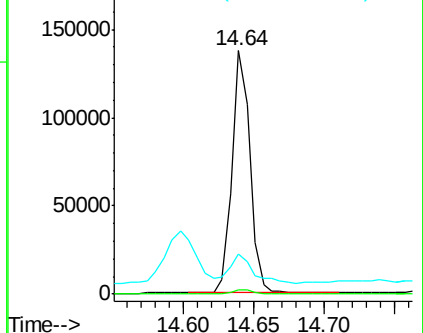
43 15.5 8.4 12.6#

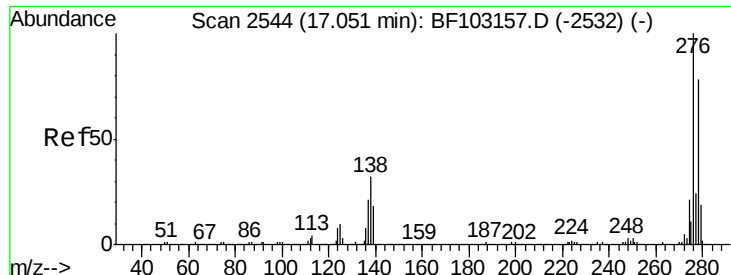


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

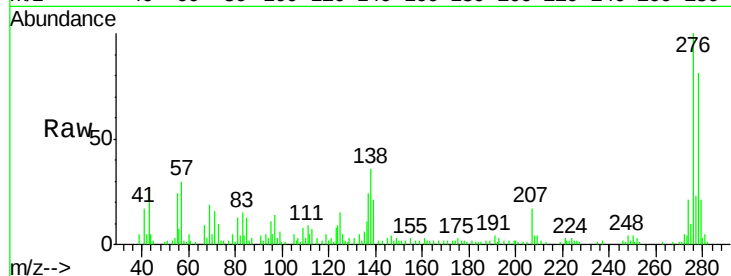




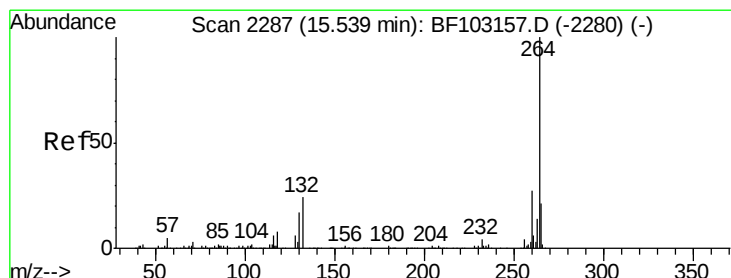
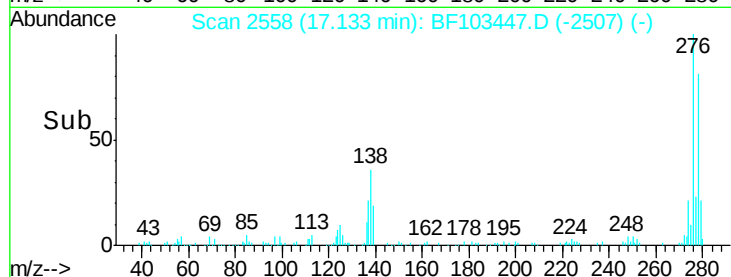
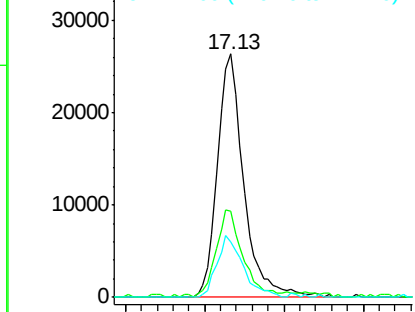
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.171 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 60772
Ion Ratio Lower Upper
276 100
138 37.7 25.0 37.6#
277 25.2 20.1 30.1

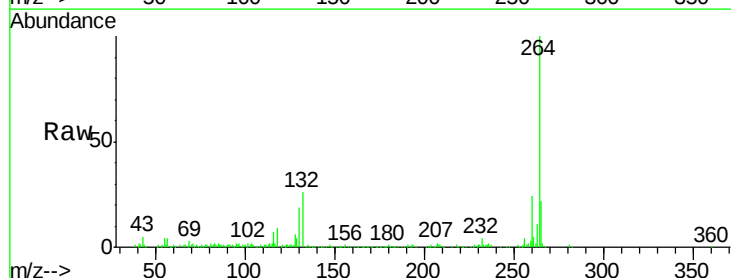


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

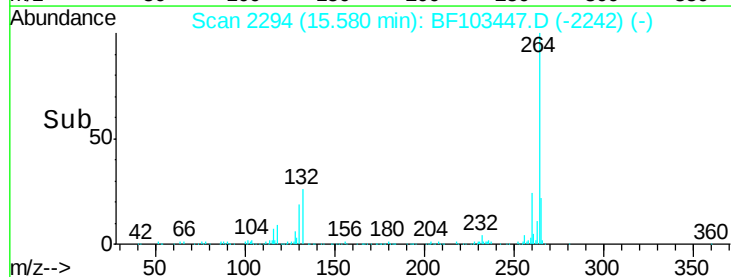
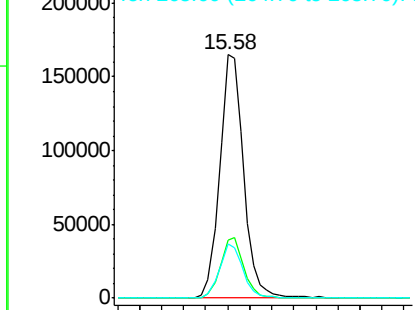


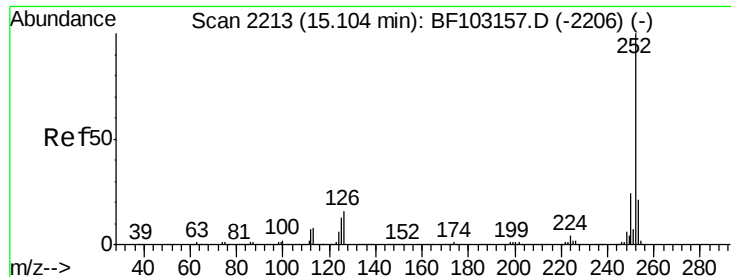
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:264 Resp: 249300
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.4 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

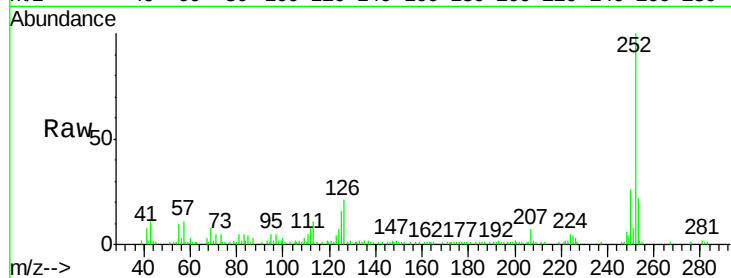




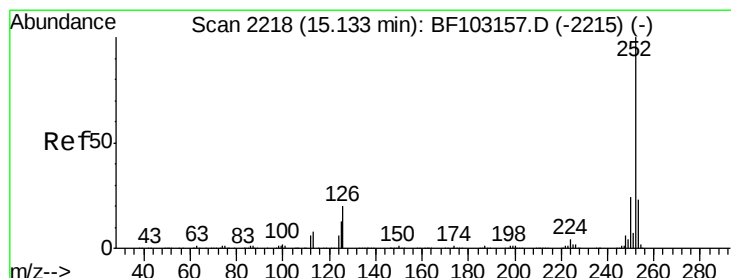
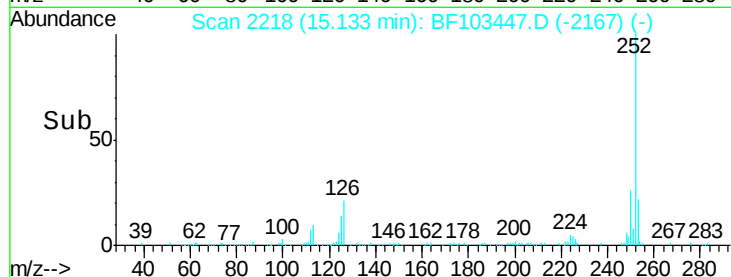
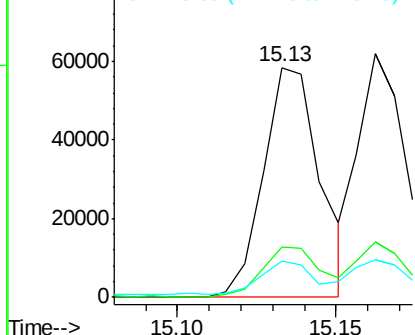
#87
Benzo(b)fluoranthene
Concen: 4.428 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 72582
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 15.9 9.0 13.6#

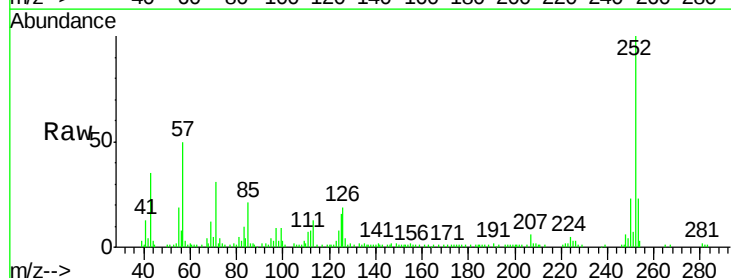


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

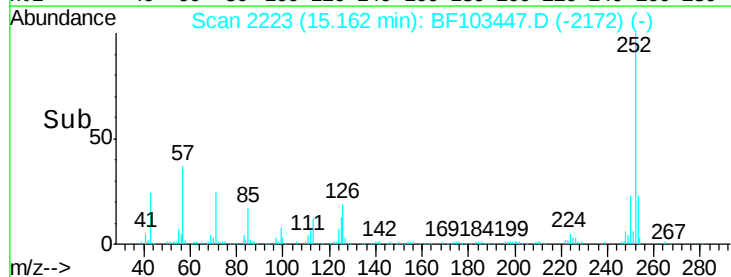
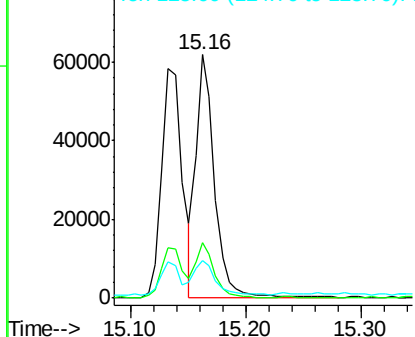


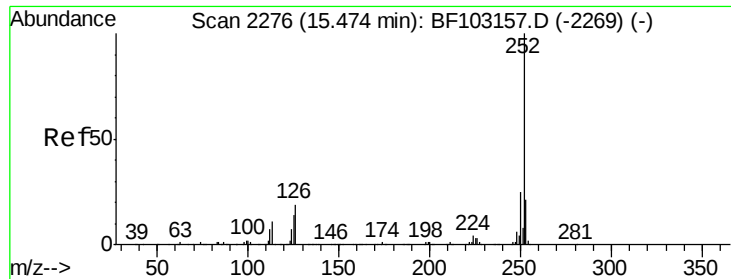
#88
Benzo(k)fluoranthene
Concen: 4.556 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:252 Resp: 70328
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 15.6 10.2 15.2#



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

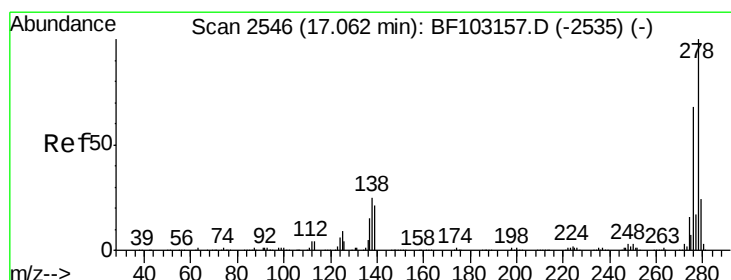
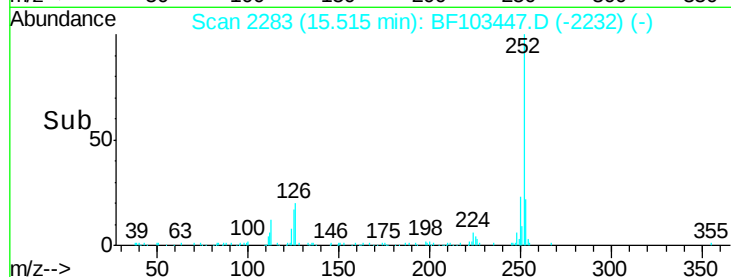
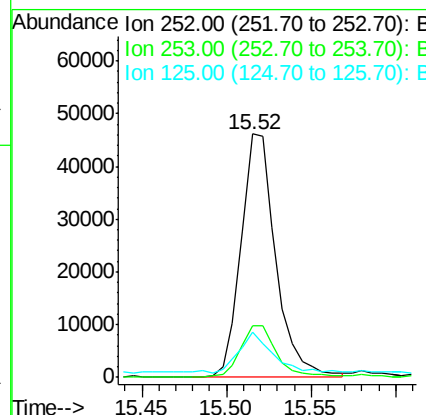
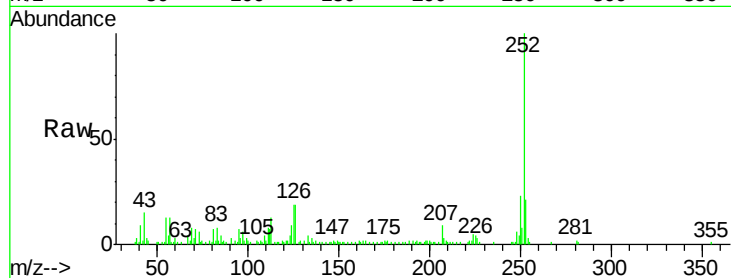




#89
Benzo(a)pyrene
Concen: 4.526 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

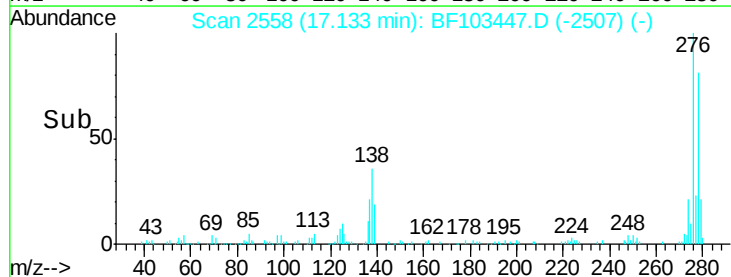
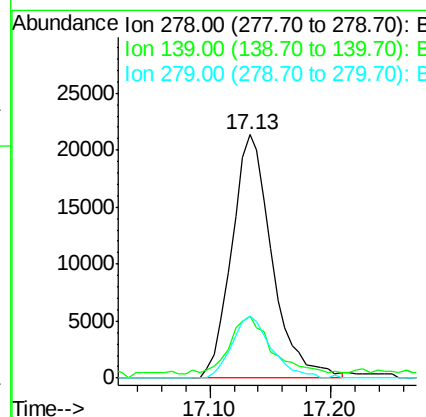
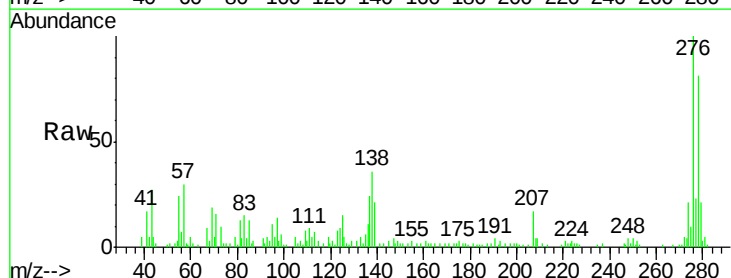
Instrument :
BNA_F
ClientSampleId :

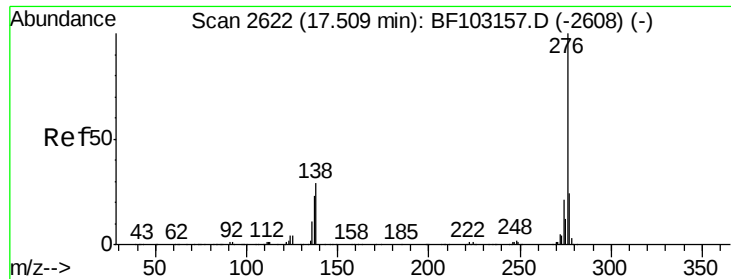
Tot Ion:252 Resp: 66252
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 18.6 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 4.378 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:278 Resp: 49517
Ion Ratio Lower Upper
278 100
139 25.4 15.9 23.9#
279 25.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 4.349 ng

RT: 17.60 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 48071

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 37.9 21.8 32.8#

