

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103562.D
 Acq On : 9 Mar 2018 17:33
 Operator : SJ/JU
 Sample : J1855-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 18:02:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134131	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	561999	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	226781	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	327726	20.00	ng	0.00
75) Chrysene-d12	14.06	240	207486	20.00	ng	0.00
86) Perylene-d12	15.57	264	183744	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	937933	105.76	ng	0.01
7) Phenol-d6	6.51	99	1101010	101.46	ng	0.00
23) Nitrobenzene-d5	7.44	82	727350	73.91	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	153319	79.87	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	981052	71.79	ng	0.00
78) Terphenyl-d14	12.99	244	632031	73.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	132226	28.229	ng	92
3) Pyridine	3.51	79	248445	19.868	ng	95
4) n-Nitrosodimethylamine	3.43	42	178907	35.474	ng	87
6) Aniline	6.54	93	250130	15.971	ng	# 67
8) 2-Chlorophenol	6.66	128	334772	36.337	ng	91
9) Benzaldehyde	6.43	77	195646	27.014	ng	98
10) Phenol	6.52	94	426228	33.833	ng	89
11) bis(2-Chloroethyl)ether	6.60	93	347897	36.385	ng	92
12) 1,3-Dichlorobenzene	6.80	146	338977	32.196	ng	# 96
13) 1,4-Dichlorobenzene	6.88	146	362349	34.328	ng	99
14) 1,2-Dichlorobenzene	7.03	146	316110	32.478	ng	100
15) Benzyl Alcohol	7.02	79	267698	32.736	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	538490	32.796	ng	# 48
17) 2-Methylphenol	7.13	107	278991	33.322	ng	# 82
18) Hexachloroethane	7.37	117	100050	26.037	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	256193	37.932	ng	91
20) 3+4-Methylphenols	7.29	107	386755	37.895	ng	# 88
22) Acetophenone	7.28	105	492522	37.546	ng	# 93
24) Nitrobenzene	7.46	77	390882	36.076	ng	96
25) Isophorone	7.69	82	717491	37.019	ng	95
26) 2-Nitrophenol	7.77	139	154115	30.215	ng	96
27) 2,4-Dimethylphenol	7.80	122	308531	39.573	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	443059	38.881	ng	99
29) 2,4-Dichlorophenol	8.03	162	282403	37.833	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	254218	31.982	ng	100
31) Naphthalene	8.17	128	952646	34.624	ng	99
32) Benzoic acid	7.93	122	49101	14.180	ng	95
33) 4-Chloroaniline	8.24	127	159756	13.455	ng	94
34) Hexachlorobutadiene	8.27	225	126530	30.568	ng	98
35) Caprolactam	8.60	113	83948	31.999	ng	# 81
36) 4-Chloro-3-methylphenol	8.72	107	310889	36.926	ng	97
37) 2-Methylnaphthalene	8.86	142	587347	33.030	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	214904	34.663	ng	98
40) Hexachlorocyclopentadiene	9.00	237	1112	9.334	ng	86

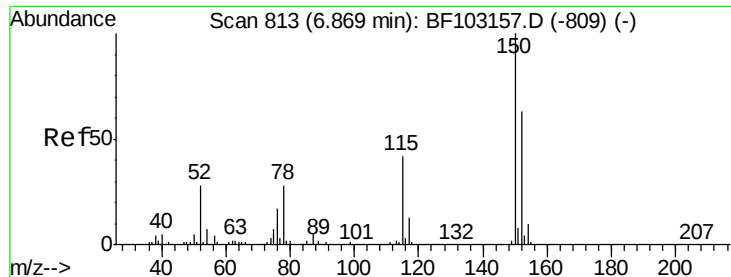
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
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 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	150991	36.195	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	147790	30.802	ng	# 91
45) 1,1'-Biphenyl	9.33	154	658727	34.664	ng	99
46) 2-Chloronaphthalene	9.36	162	518205	34.469	ng	99
47) 2-Nitroaniline	9.46	65	226374	40.650	ng	# 81
48) Acenaphthylene	9.77	152	767646	33.186	ng	99
49) Dimethylphthalate	9.62	163	616958	33.912	ng	100
50) 2,6-Dinitrotoluene	9.70	165	121403	31.799	ng	# 65
51) Acenaphthene	9.94	154	437850	32.462	ng	99
52) 3-Nitroaniline	9.88	138	139868	28.876	ng	99
53) 2,4-Dinitrophenol	10.06	184	2679	11.330	ng	# 1
54) Dibenzofuran	10.12	168	632227	34.145	ng	95
55) 4-Nitrophenol	10.07	139	114472	38.132	ng	87
56) 2,4-Dinitrotoluene	10.12	165	141563	29.318	ng	# 58
57) Fluorene	10.46	166	499832	31.689	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	102133	31.687	ng	# 95
59) Diethylphthalate	10.32	149	608568	34.975	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	227746	34.049	ng	98
61) 4-Nitroaniline	10.50	138	146082	30.195	ng	95
62) Azobenzene	10.61	77	634862	35.845	ng	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	3332	6.444	ng	# 56
65) n-Nitrosodiphenylamine	10.57	169	450220	39.455	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	123242	36.100	ng	95
67) Hexachlorobenzene	11.02	284	116507	31.442	ng	98
68) Atrazine	11.09	200	128299	37.407	ng	98
69) Pentachlorophenol	11.22	266	73592	41.075	ng	98
70) Phenanthrene	11.43	178	599285	33.228	ng	99
71) Anthracene	11.48	178	639067	34.554	ng	100
72) Carbazole	11.65	167	614237	33.351	ng	99
73) Di-n-butylphthalate	11.95	149	1242237	53.903	ng	99
74) Fluoranthene	12.62	202	543016	29.961	ng	98
76) Benzidine	12.75	184	164522	21.210	ng	96
77) Pyrene	12.86	202	535560	33.107	ng	99
79) Butylbenzylphthalate	13.45	149	293943	34.392	ng	92
80) Benzo(a)anthracene	14.05	228	453136	33.659	ng	98
81) 3,3'-Dichlorobenzidine	14.01	252	146699	30.534	ng	99
82) Chrysene	14.09	228	452793	34.639	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	394792	34.229	ng	# 98
84) Di-n-octyl phthalate	14.62	149	693856	37.234	ng	95
85) Indeno(1,2,3-cd)pyrene	17.12	276	316734	30.607	ng	97
87) Benzo(b)fluoranthene	15.13	252	403867	33.430	ng	99
88) Benzo(k)fluoranthene	15.15	252	387325	34.047	ng	99
89) Benzo(a)pyrene	15.51	252	363230	33.669	ng	95
90) Dibenzo(a,h)anthracene	17.12	278	273216	32.774	ng	98
91) Benzo(g,h,i)perylene	17.59	276	251115	30.821	ng	97

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

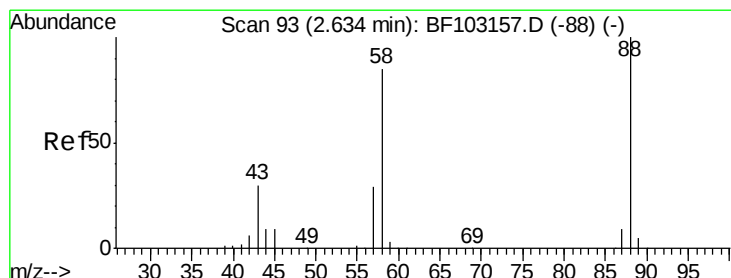
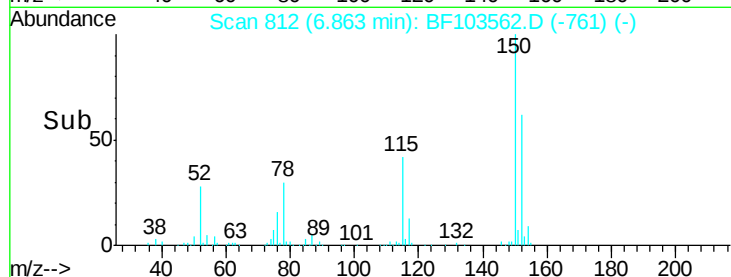
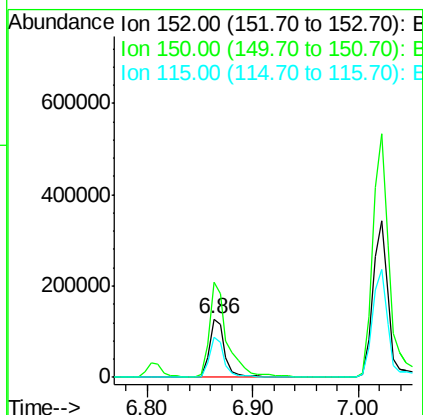
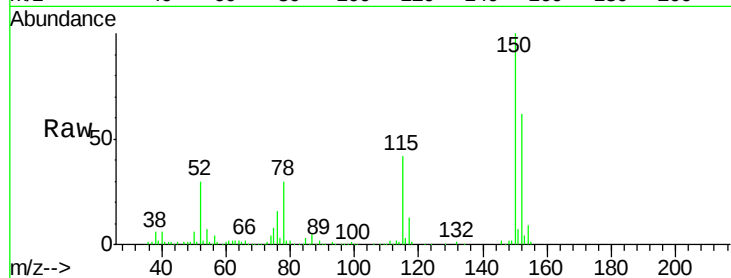


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Instrument :
BNA_F
ClientSampleId :

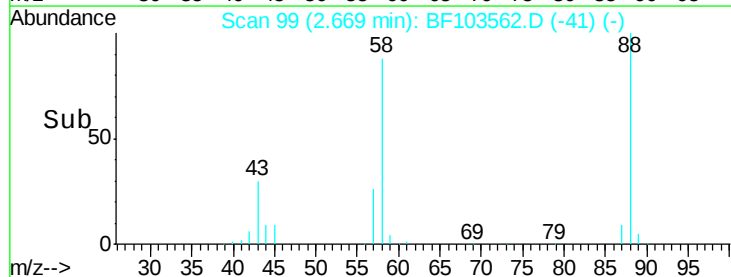
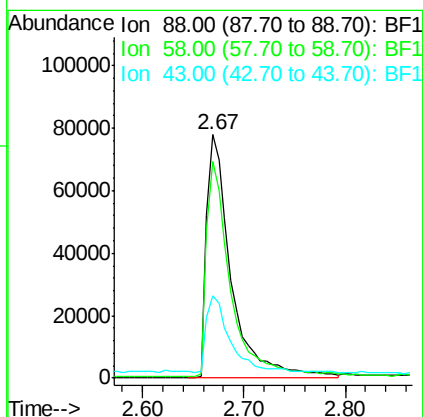
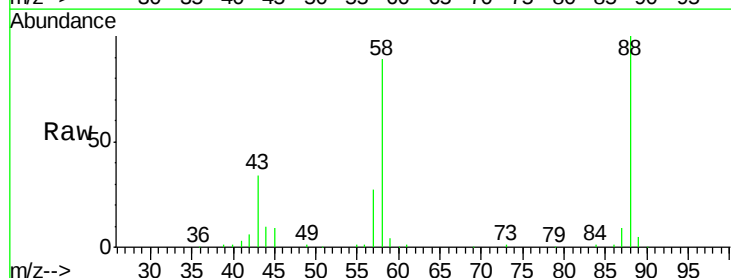
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	68.1	50.1	75.1



#2

1,4-Dioxane
Concen: 28.229 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.04 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	62.6	93.8
43	29.9	24.6	37.0





#3

Pvridine

Concen: 19.868 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

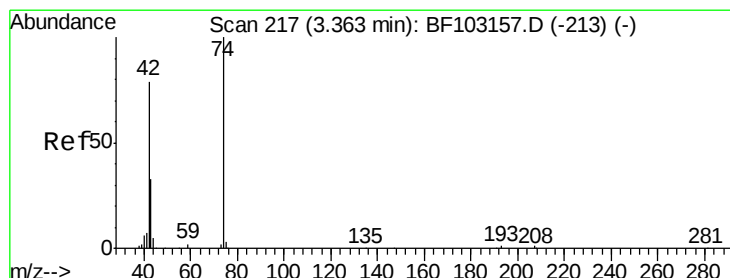
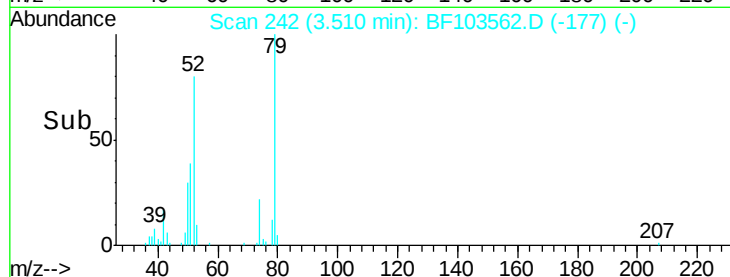
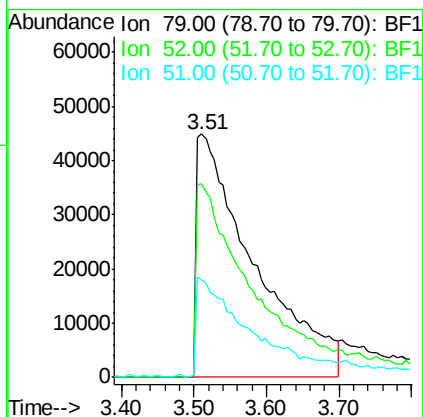
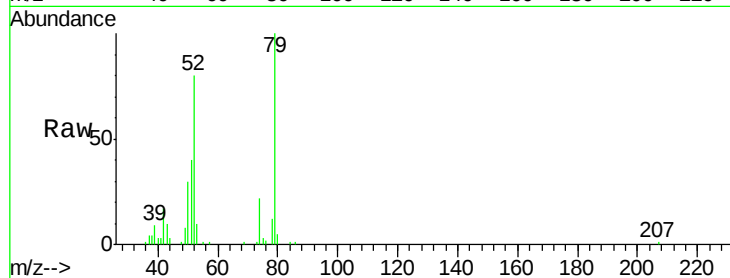
Tot Ion: 79 Resp: 248445

Ion Ratio Lower Upper

79 100

52 79.7 59.8 89.6

51 40.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.474 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

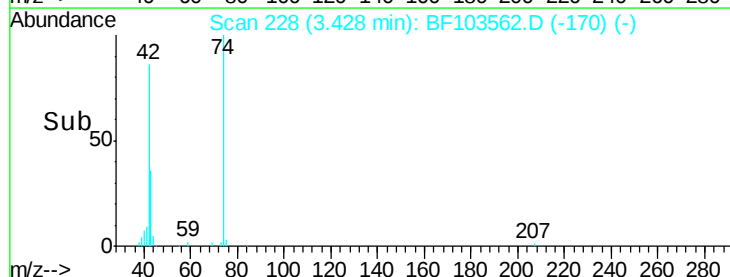
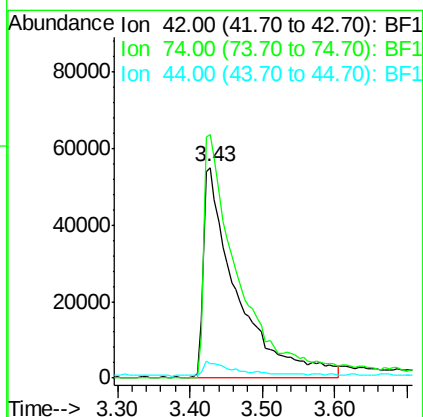
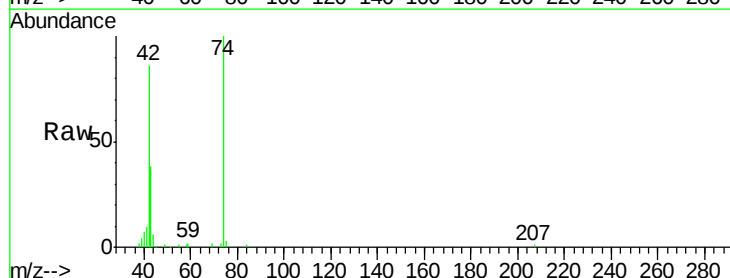
Tgt Ion: 42 Resp: 178907

Ion Ratio Lower Upper

42 100

74 115.8 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 105.759 ng

RT: 5.50 min Scan# 580

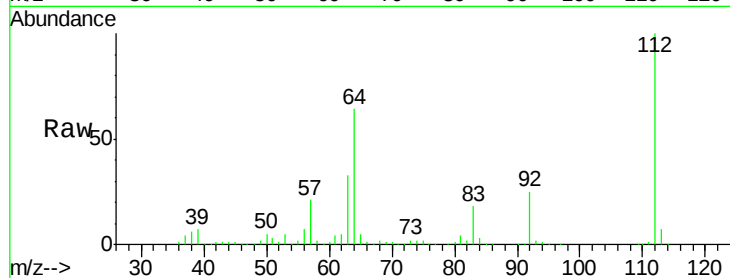
Delta R.T. 0.01 min

Lab File: BF103562.D

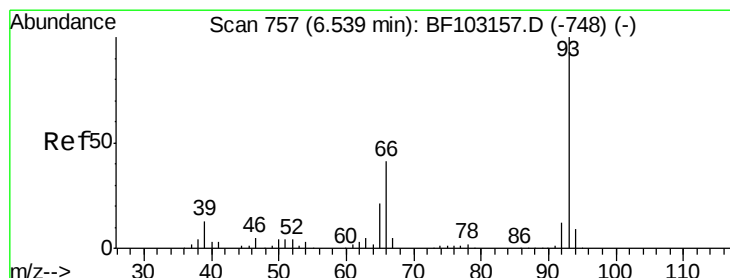
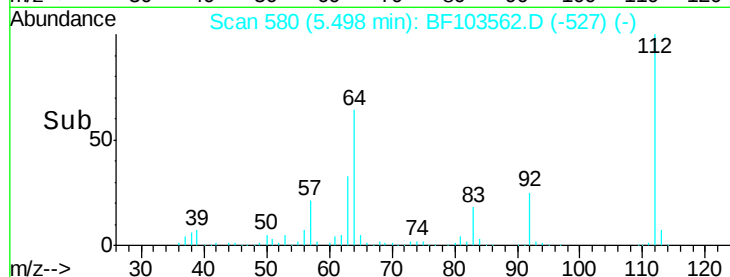
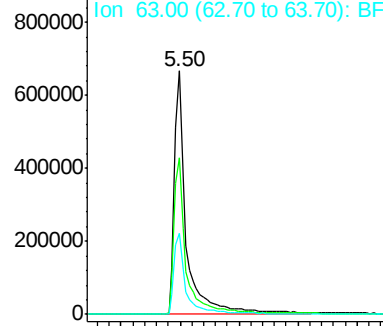
Acq: 9 Mar 2018 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	937933
Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	33.3	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: 15.971 ng

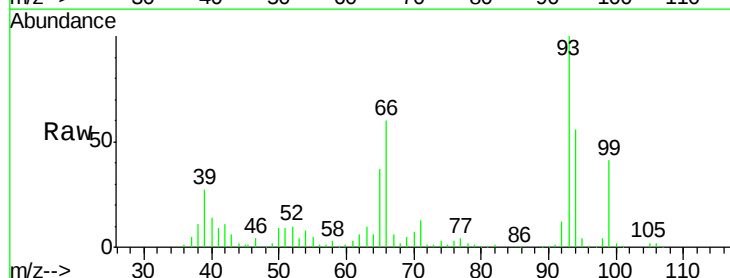
RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

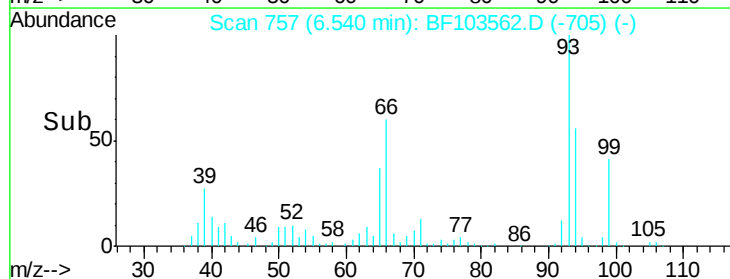
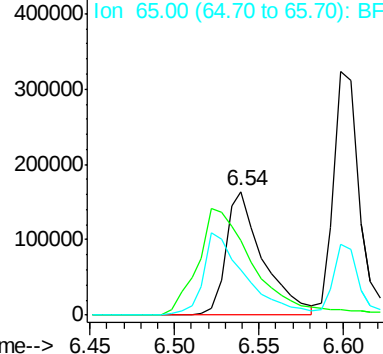
Lab File: BF103562.D

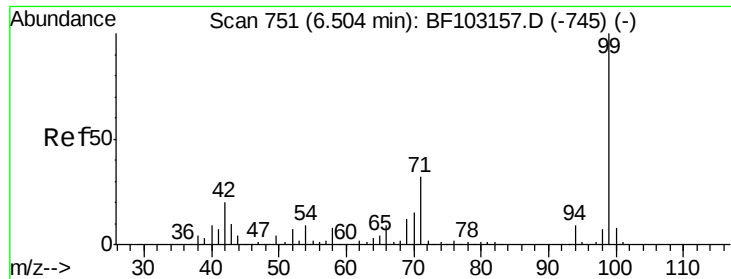
Acq: 9 Mar 2018 17:33

Tgt Ion:	93	Resp:	250130
Ion	Ratio	Lower	Upper
93	100		
66	60.2	32.2	48.2#
65	36.6	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: 101.456 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

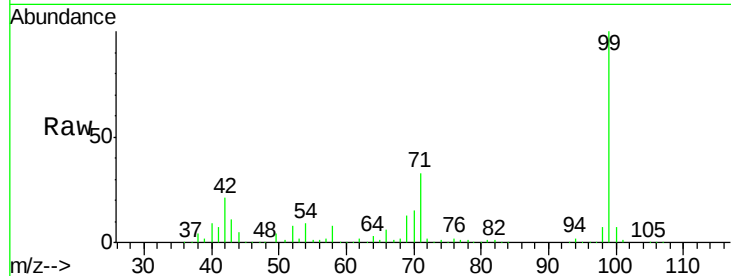
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1101010

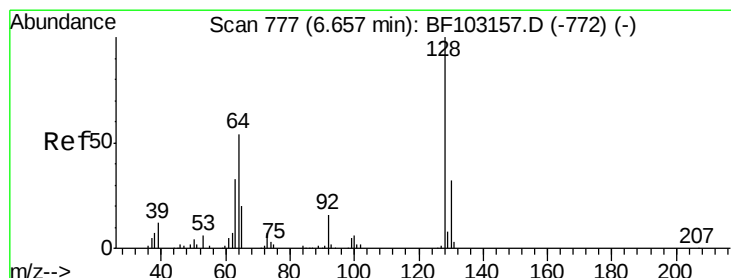
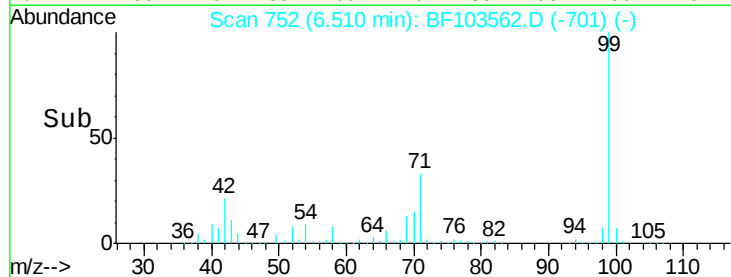
Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.1	25.4	38.0



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: 36.337 ng

RT: 6.66 min Scan# 777

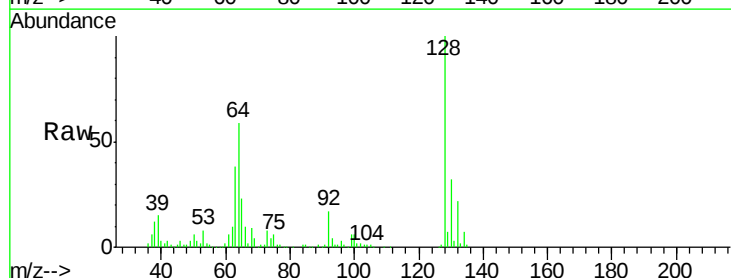
Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Tgt Ion:128 Resp: 334772

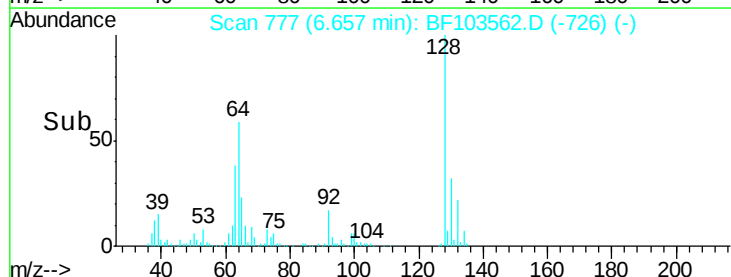
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	58.8	29.4	69.4

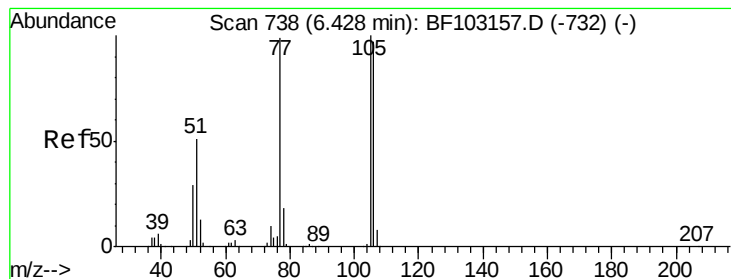


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.014 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

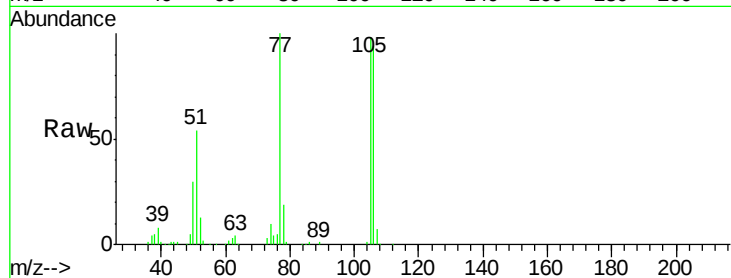
Tot Ion: 77 Resp: 195646

Ion Ratio Lower Upper

77 100

105 97.6 81.1 121.1

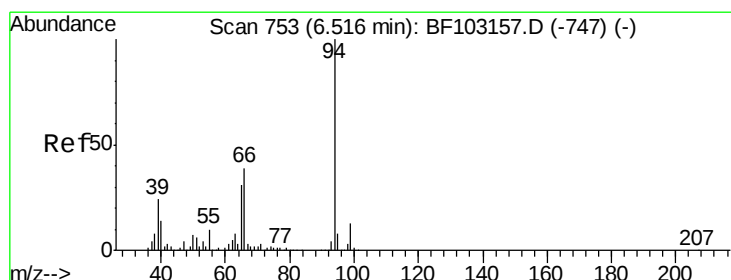
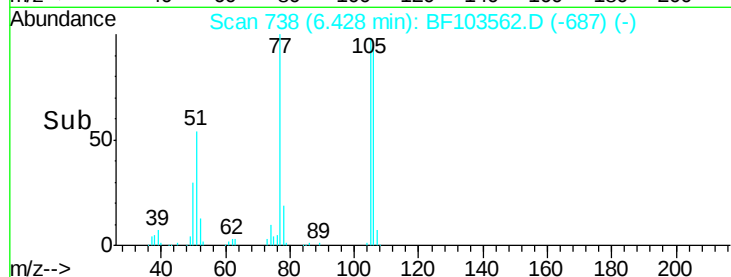
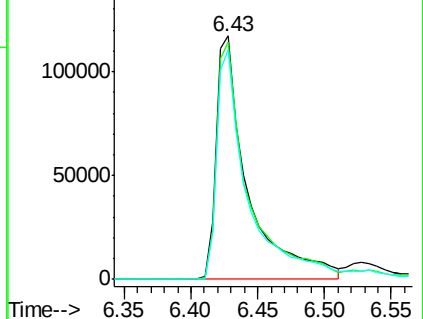
106 94.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.833 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

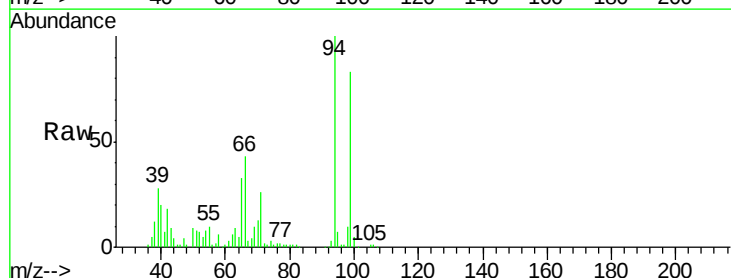
Tgt Ion: 94 Resp: 426228

Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

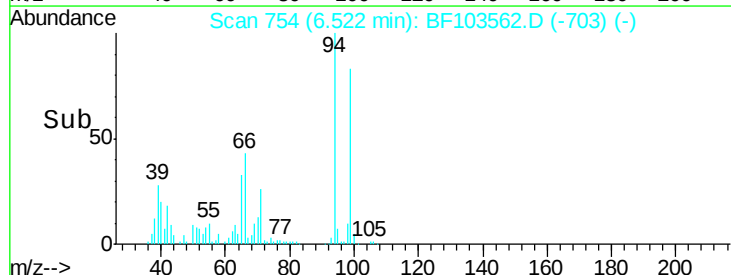
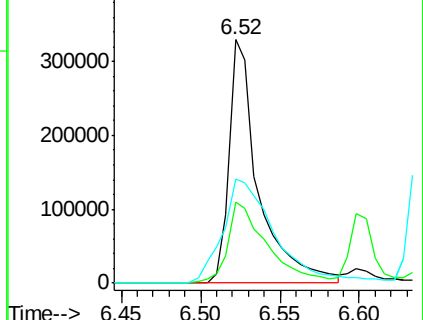
66 43.0 16.2 56.2

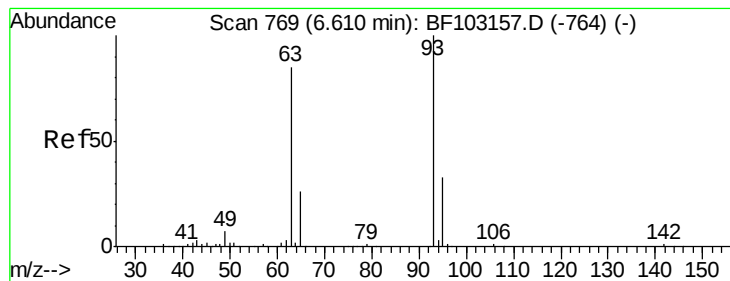


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



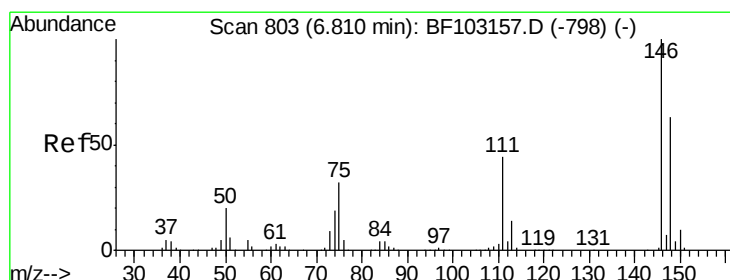
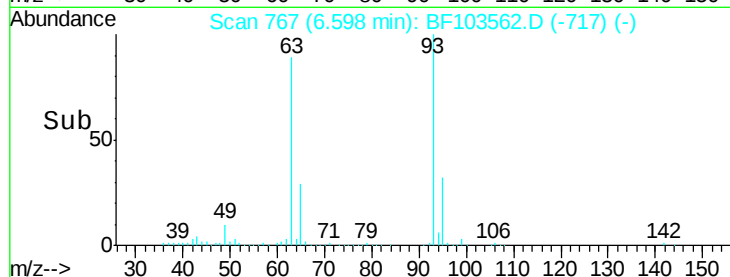
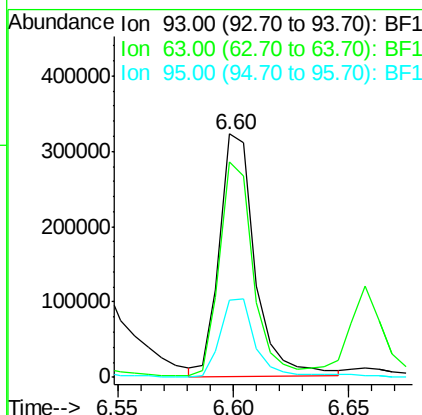
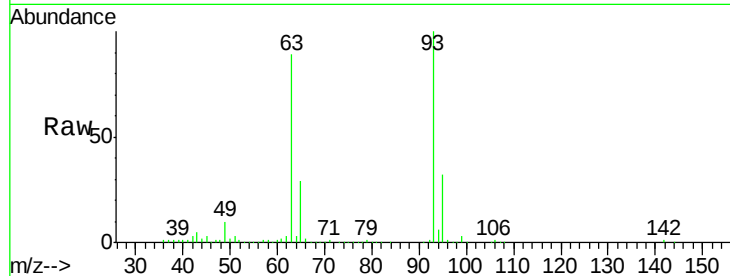


#11
 bis(2-Chloroethyl)ether
 Concen: 36.385 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 347897

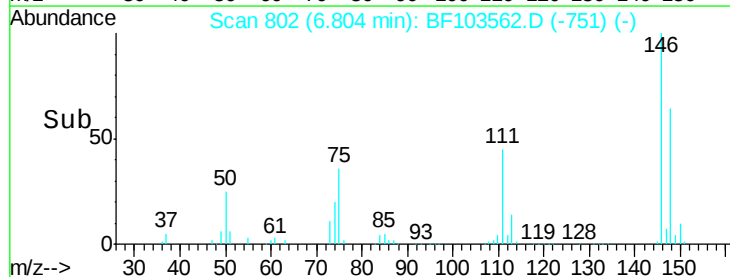
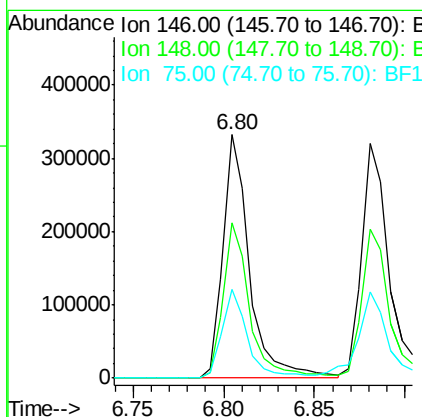
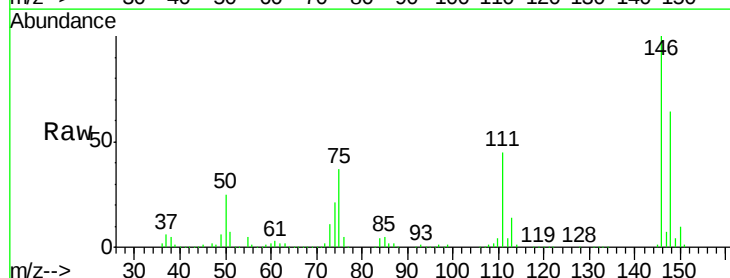
Ion	Ratio	Lower	Upper
93	100		
63	88.7	58.6	98.6
95	31.6	11.8	51.8

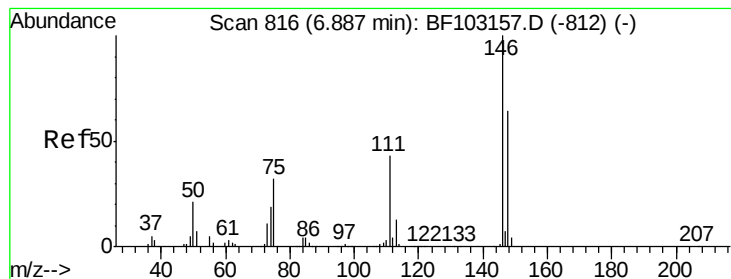


#12
 1,3-Dichlorobenzene
 Concen: 32.196 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Tgt Ion: 146 Resp: 338977

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	36.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 34.328 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampled :

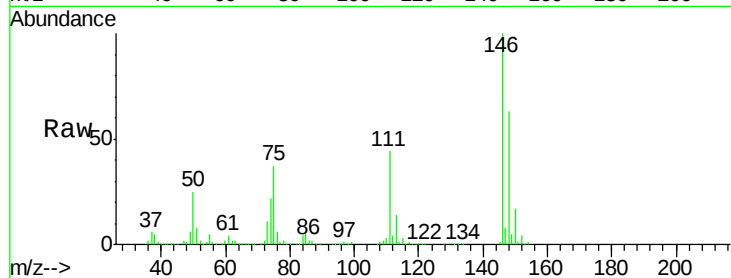
Tot Ion:146 Resp: 362349

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

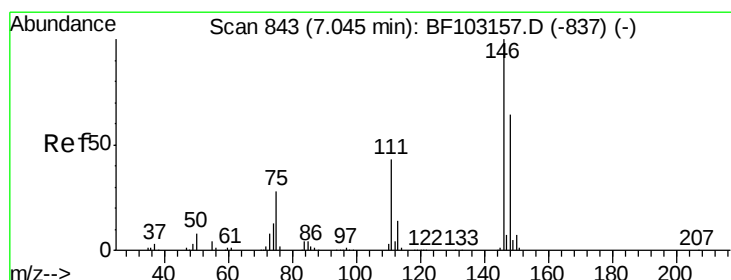
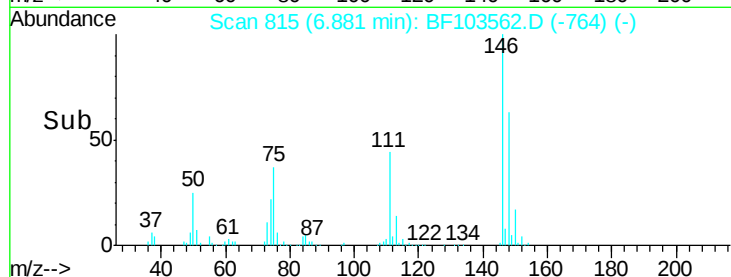
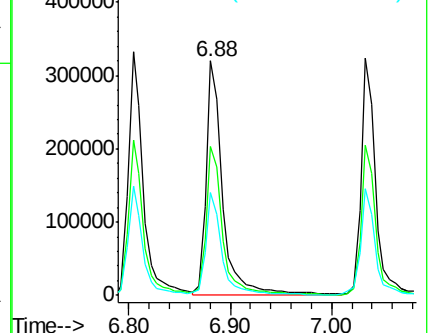
111 44.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.478 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

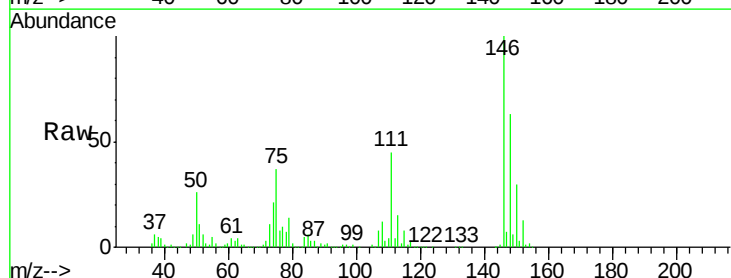
Tgt Ion:146 Resp: 316110

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

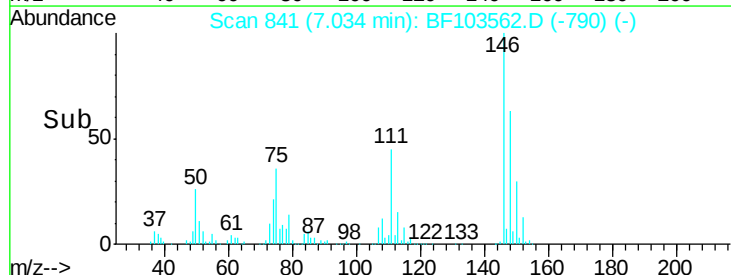
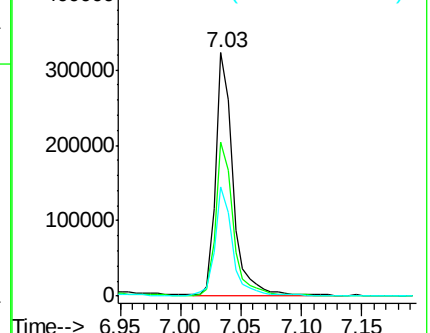
111 45.1 36.0 54.0

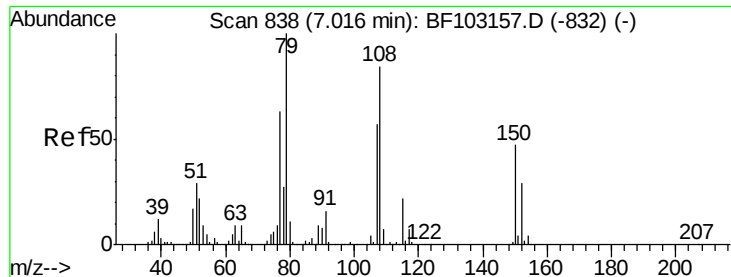


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.736 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampled :

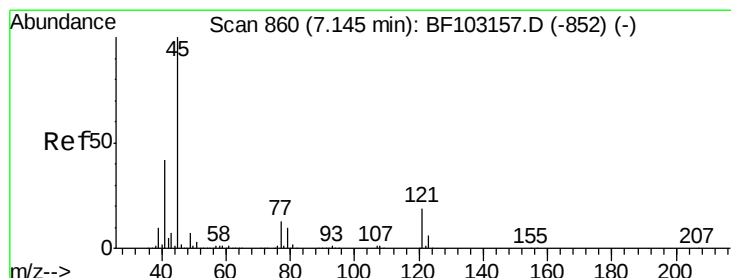
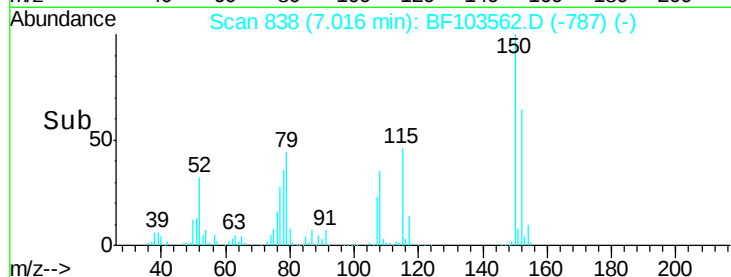
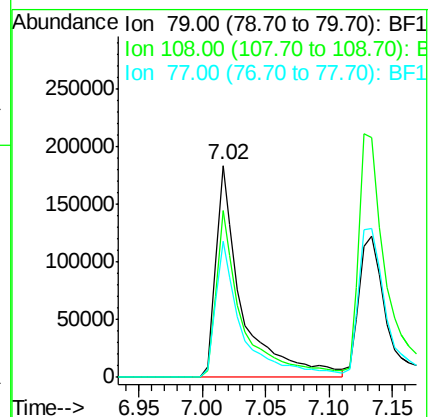
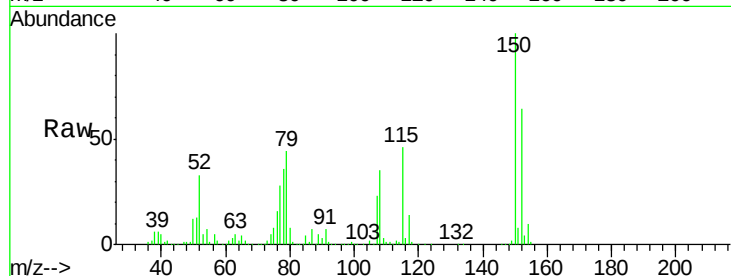
Tot Ion: 79 Resp: 267698

Ion Ratio Lower Upper

79 100

108 78.9 65.1 97.7

77 64.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.796 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

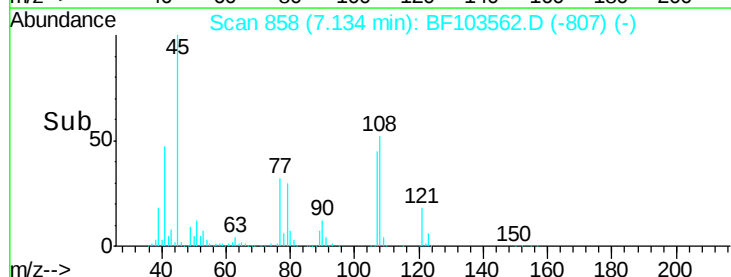
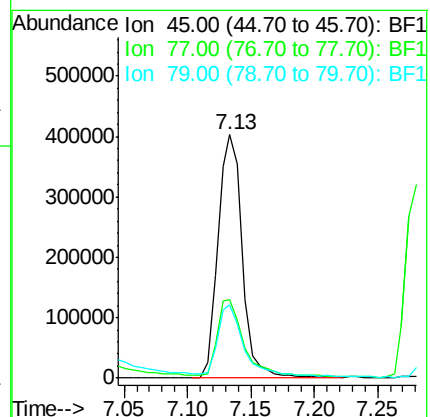
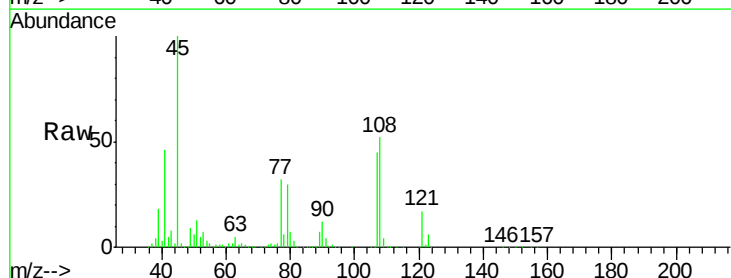
Tgt Ion: 45 Resp: 538490

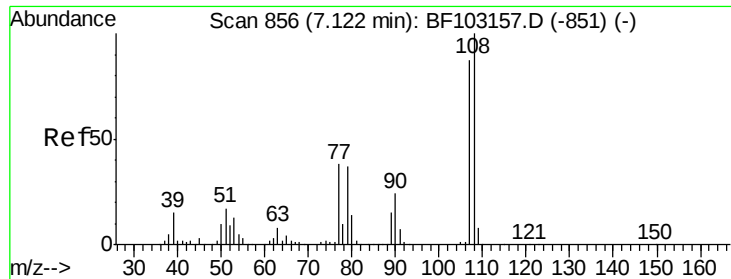
Ion Ratio Lower Upper

45 100

77 32.1 0.0 32.9

79 30.3 0.0 29.6#





#17

2-Methylphenol

Concen: 33.322 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF103562.D

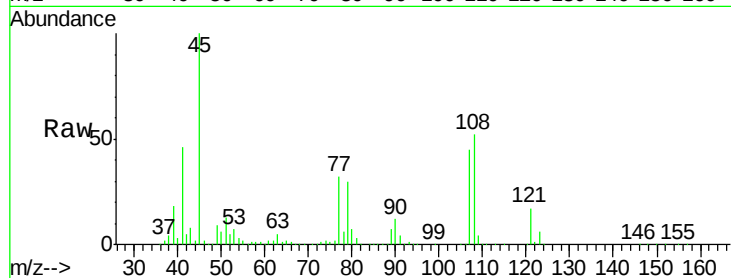
Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	278991
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.7	137.5
77	71.0	33.8	50.8#
79	66.9	33.8	50.8#

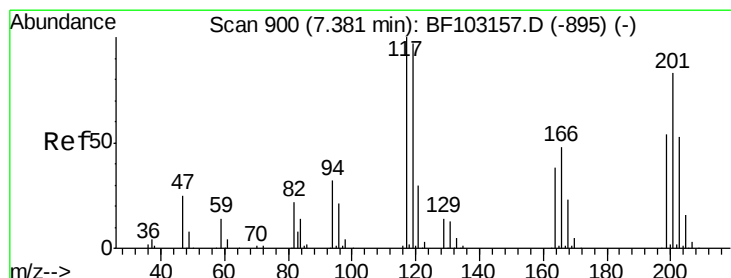
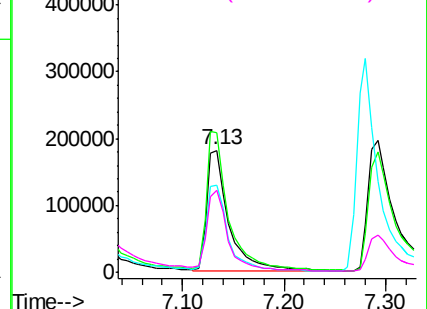
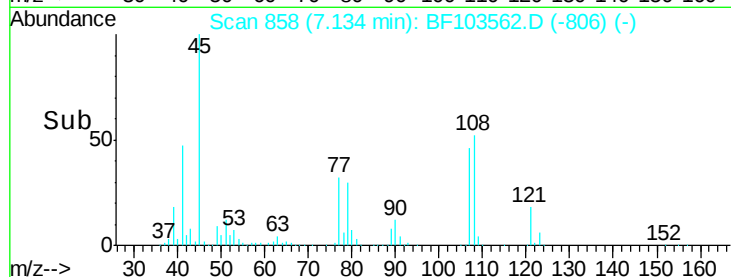


Abundance Ion 107.00 (106.70 to 107.70): E

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: 26.037 ng

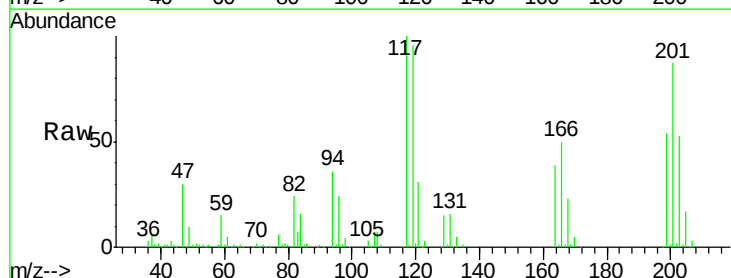
RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

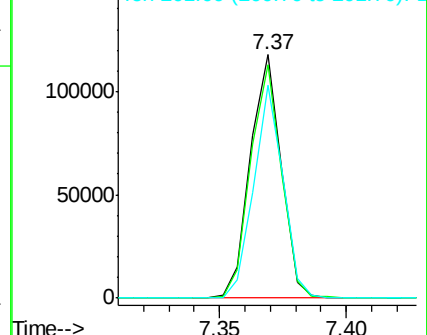
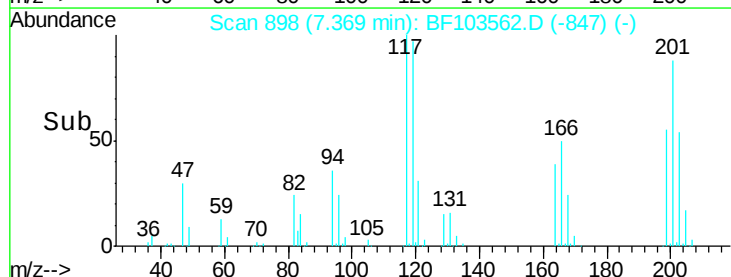
Tgt Ion:	117	Resp:	100050
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	87.4	75.7	113.5

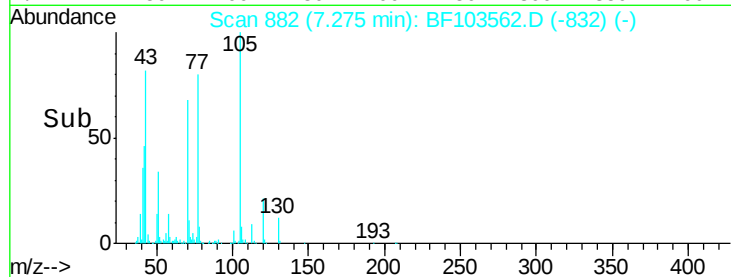
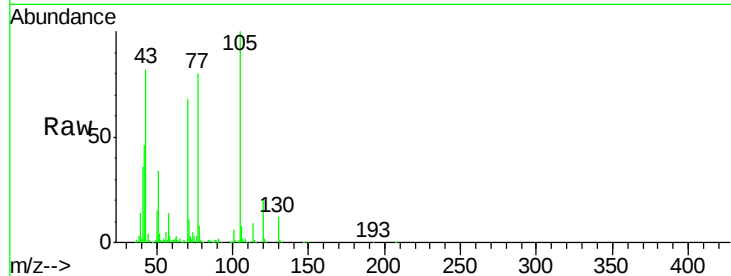


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

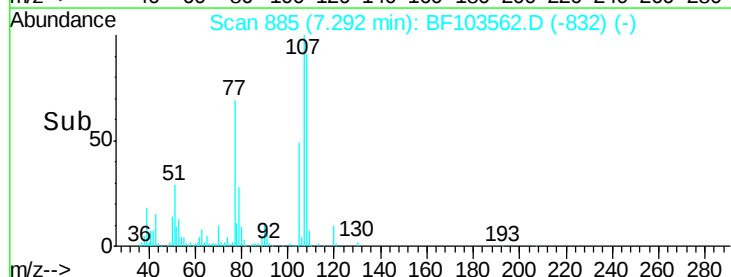
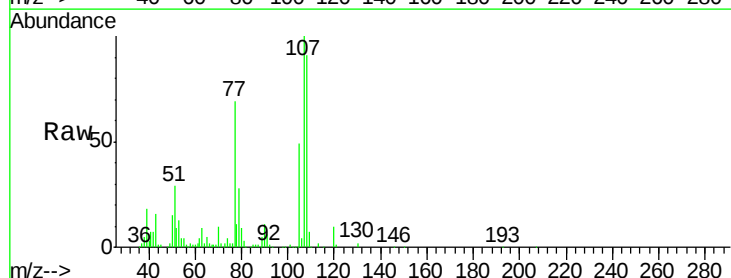
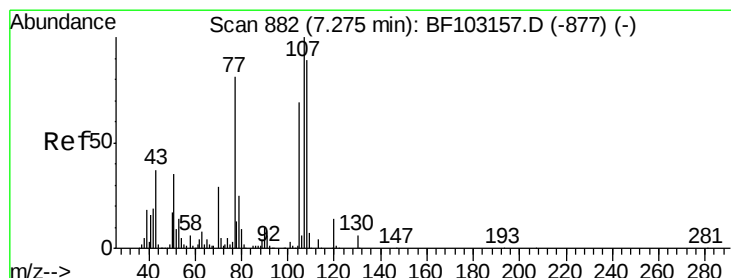
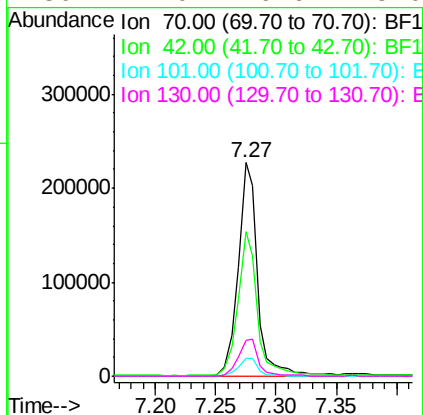




#19
n-Nitroso-di-n-propylamine
Concen: 37.932 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

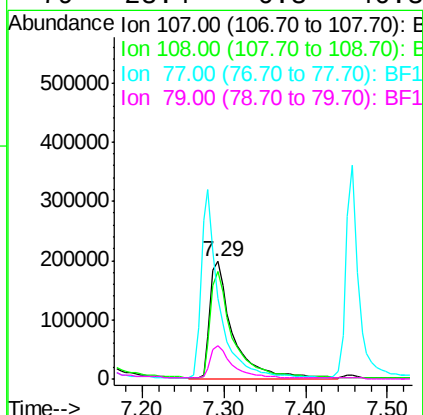
Instrument :
BNA_F
ClientSampleId :

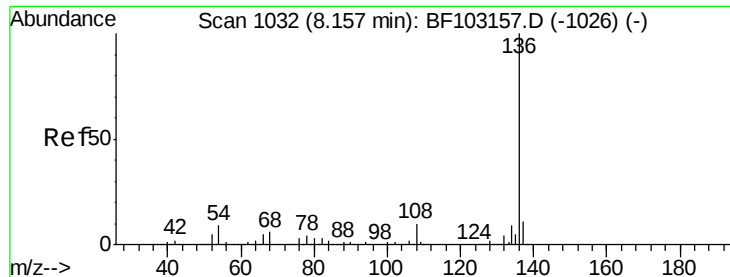
Tot Ion:	70	Resp:	256193
Ion	Ratio	Lower	Upper
70	100		
42	67.6	47.5	71.3
101	8.6	7.4	11.2
130	17.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.895 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:	107	Resp:	386755
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	69.0	26.7	66.7#
79	28.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 561999

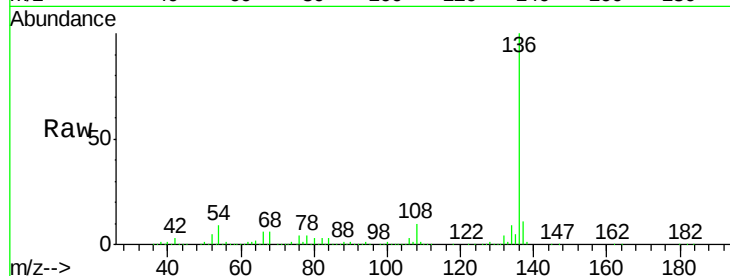
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.0 6.6 9.8

68 6.1 5.0 7.4

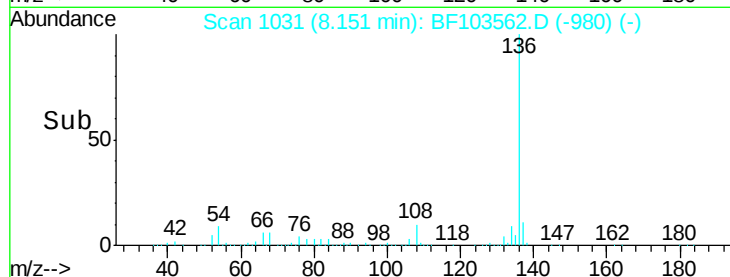


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

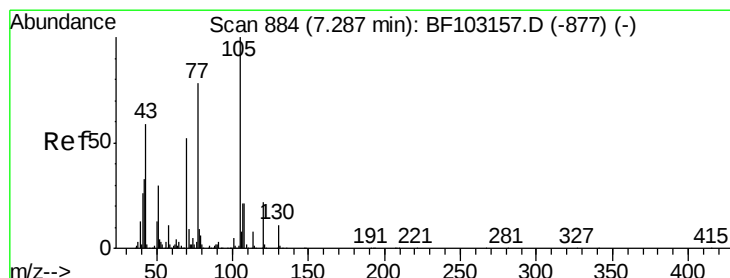
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.15



#22

Acetophenone

Concen: 37.546 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Tgt Ion:105 Resp: 492522

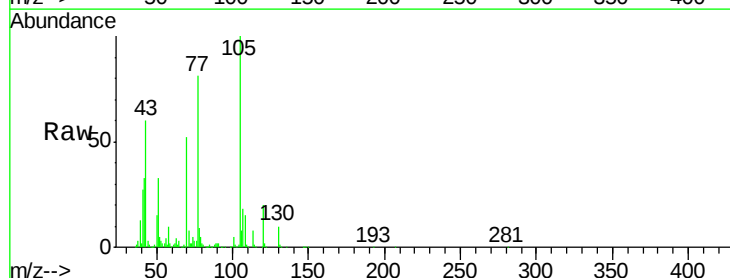
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 33.2 22.3 33.5

120 20.4 16.9 25.3

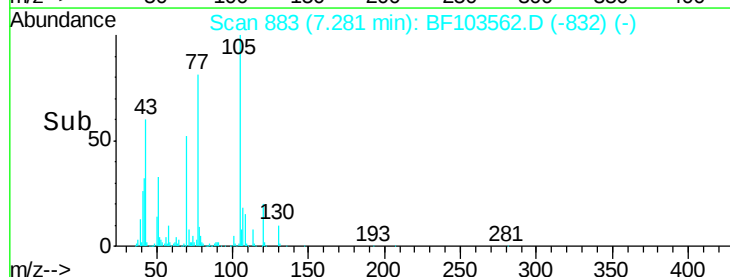


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

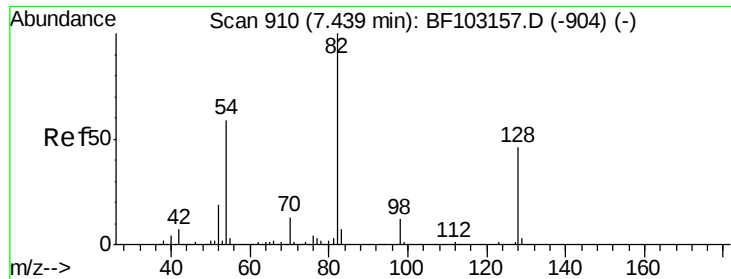
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

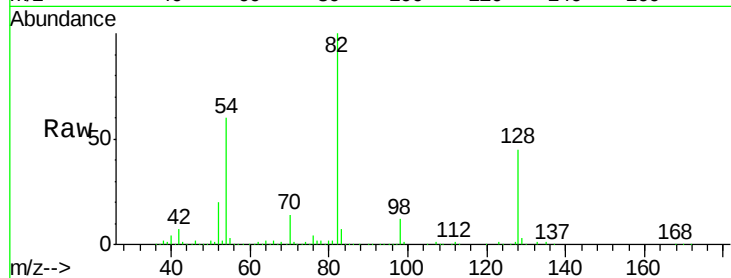
7.28



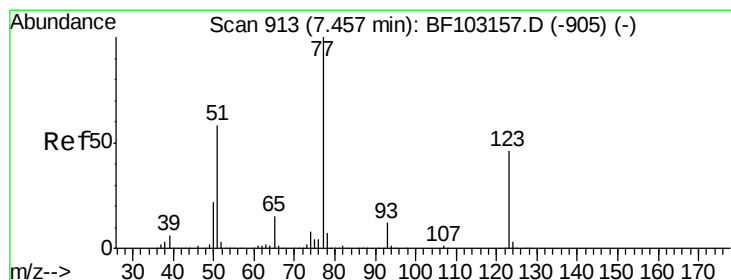
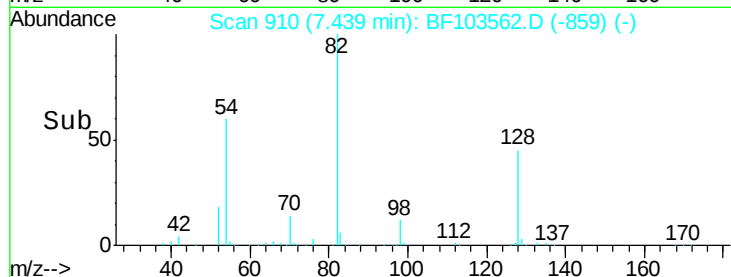
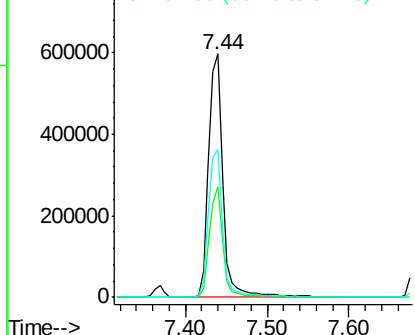
#23
 Nitrobenzene-d5
 Concen: 73.911 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 727350
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 60.4 41.4 62.2

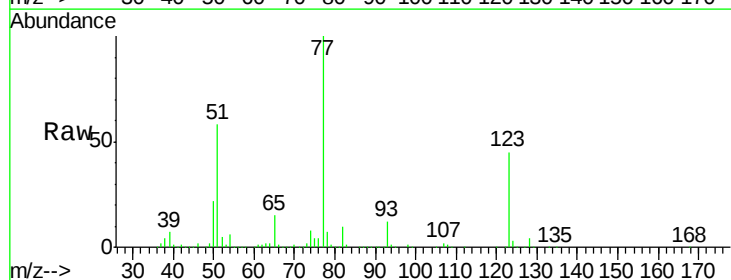


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

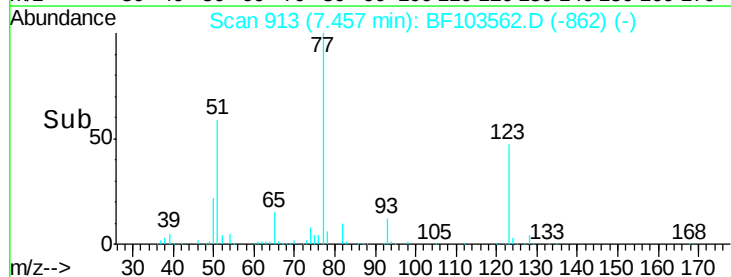
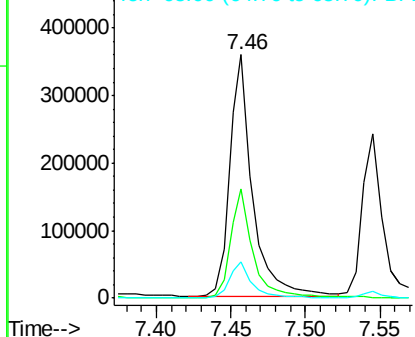


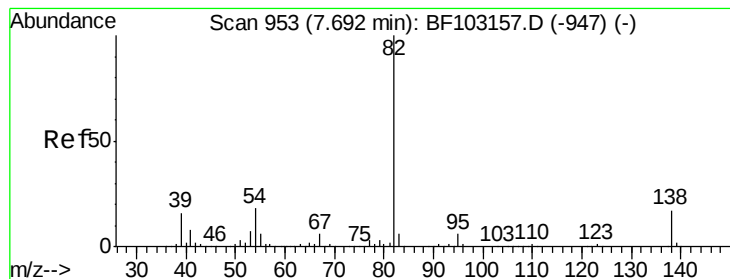
#24
 Nitrobenzene
 Concen: 36.076 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Tgt Ion: 77 Resp: 390882
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.9 56.9
 65 14.9 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: 37.019 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

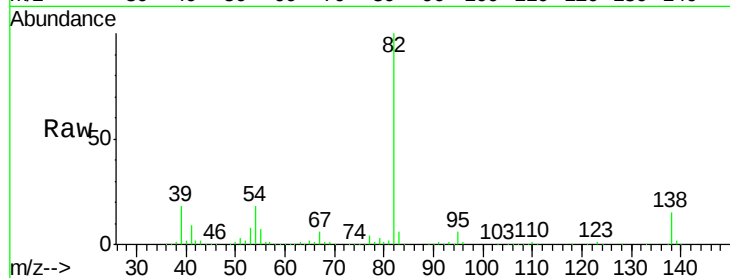
Tot Ion: 82 Resp: 717491

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

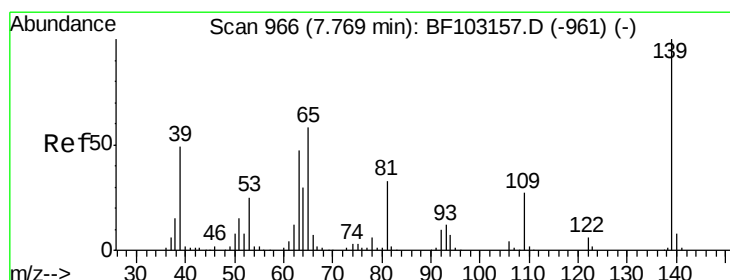
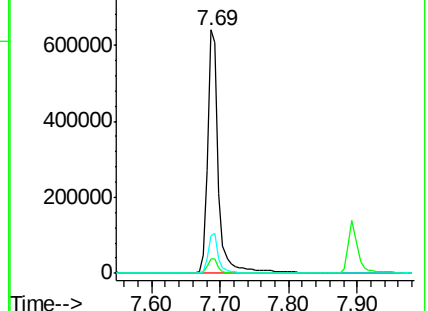
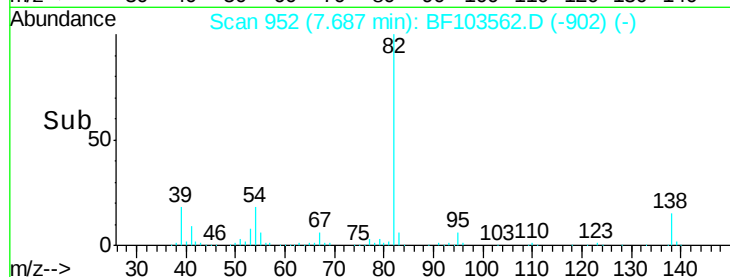
138 15.4 14.9 22.3



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: 30.215 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

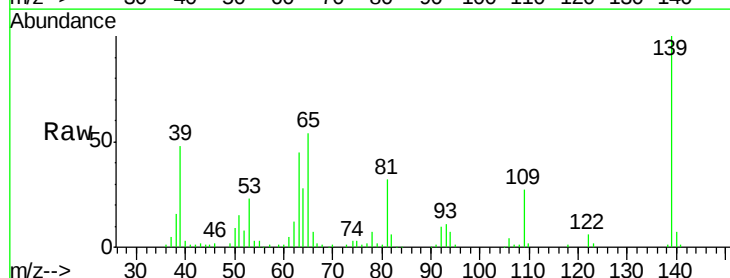
Tgt Ion: 139 Resp: 154115

Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

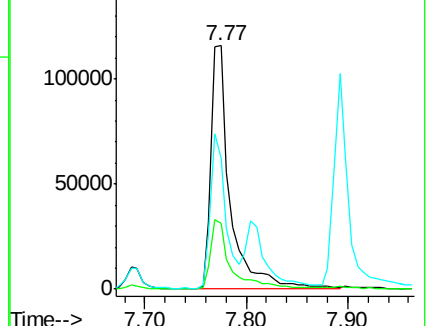
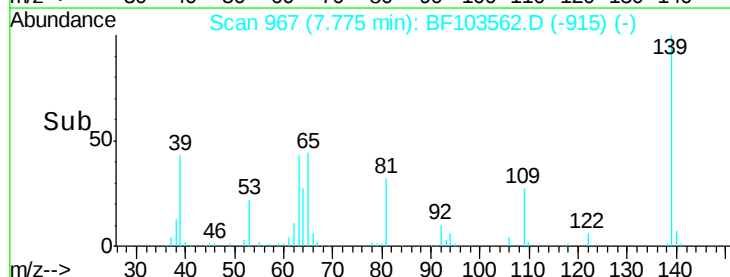
65 54.0 40.5 60.7

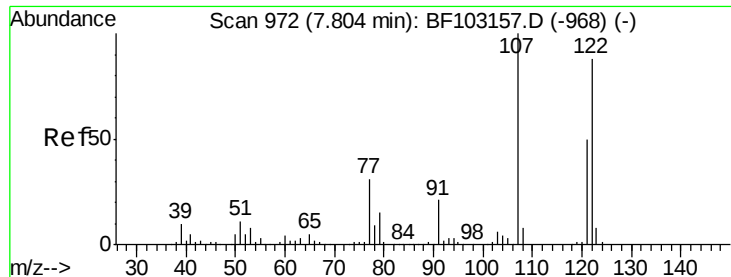


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.573 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

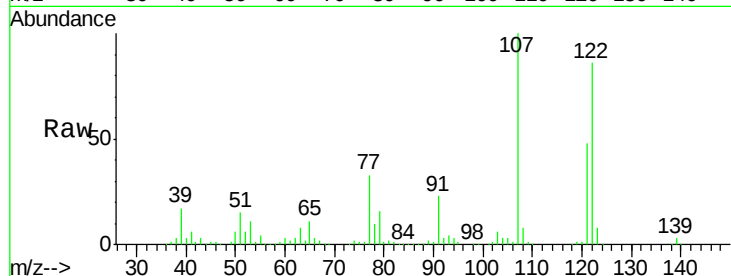
Tot Ion:122 Resp: 308531

Ion Ratio Lower Upper

122 100

107 116.1 91.2 136.8

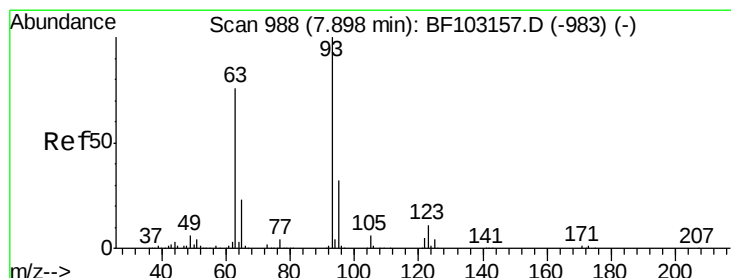
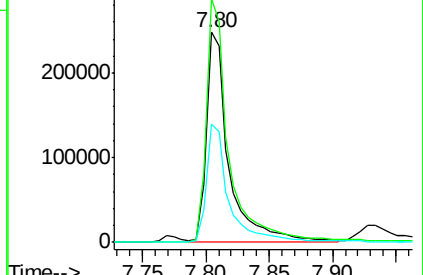
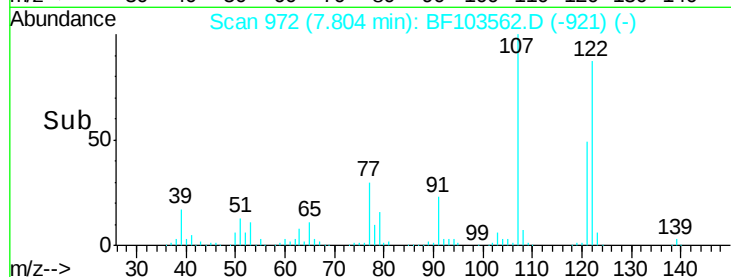
121 56.0 47.2 70.8



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: 38.881 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

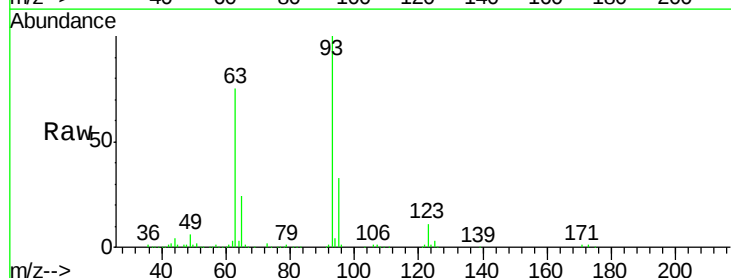
Tgt Ion: 93 Resp: 443059

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

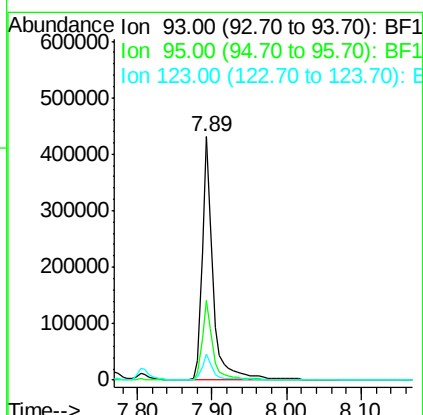
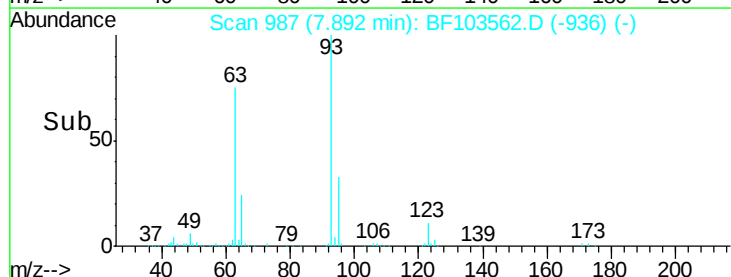
123 10.8 9.8 14.6

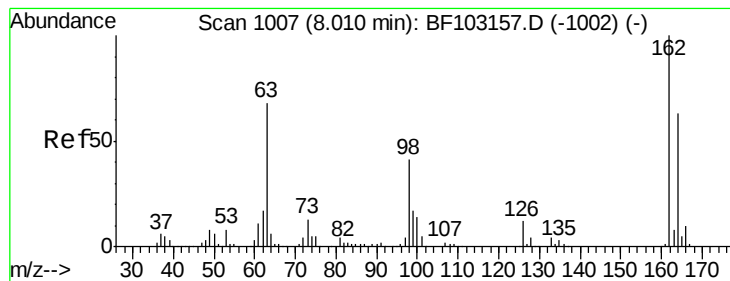


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.833 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

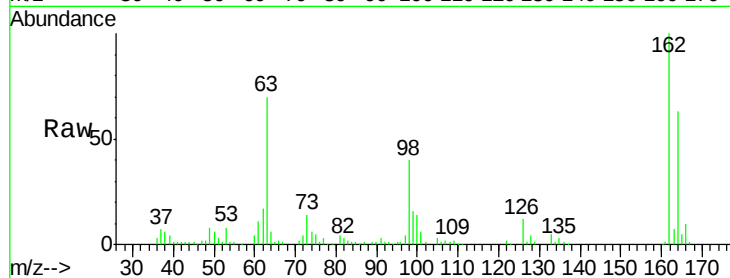
Tot Ion:162 Resp: 282403

Ion Ratio Lower Upper

162 100

164 62.7 42.7 82.7

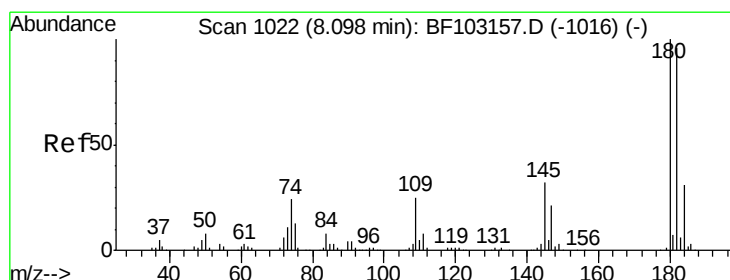
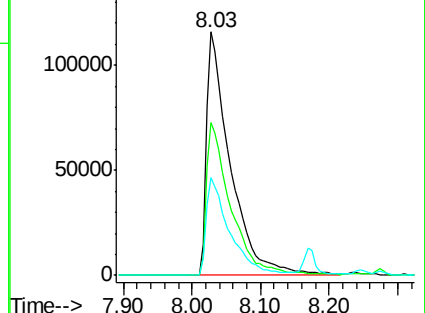
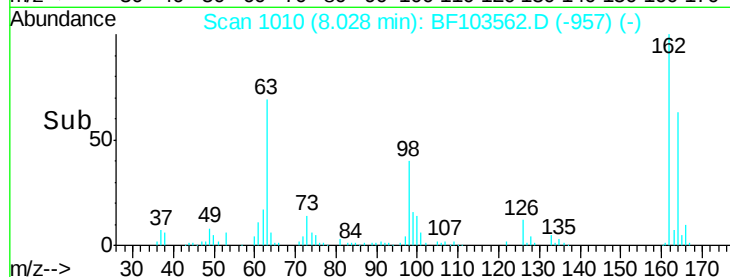
98 39.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 31.982 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

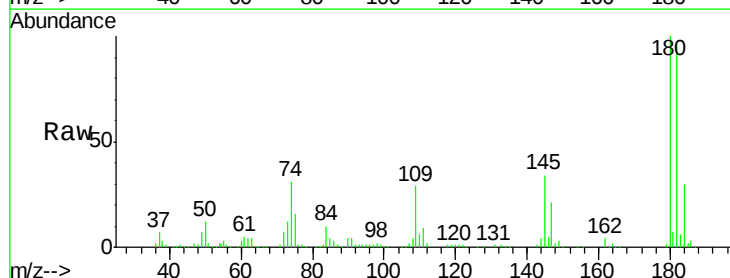
Tgt Ion:180 Resp: 254218

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

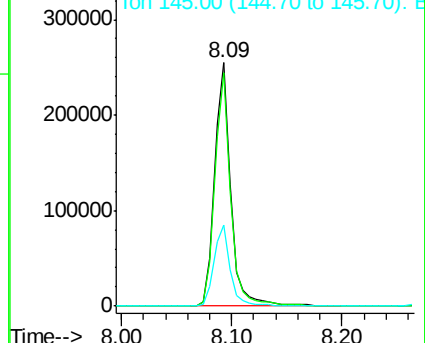
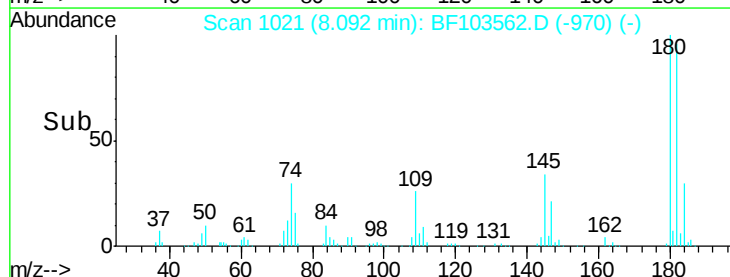
145 33.5 26.5 39.7

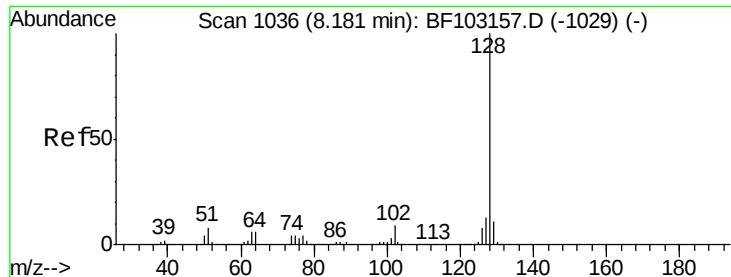


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

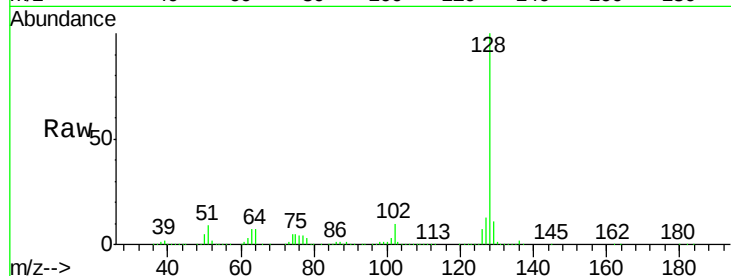




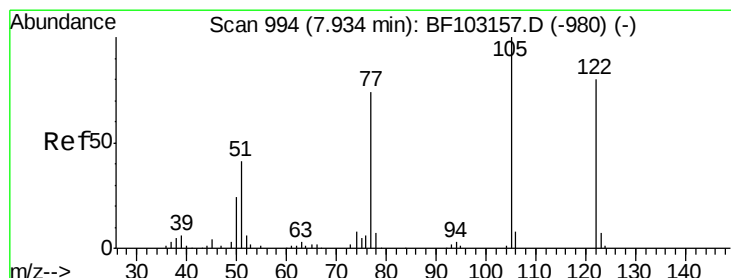
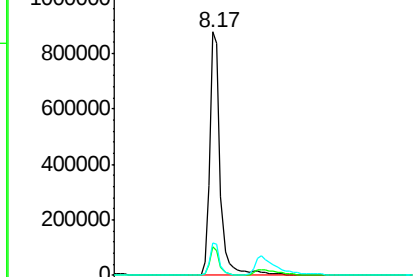
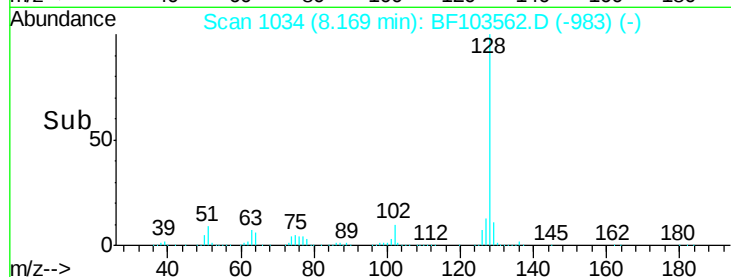
#31
Naphthalene
Concen: 34.624 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 952646
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.9 16.3

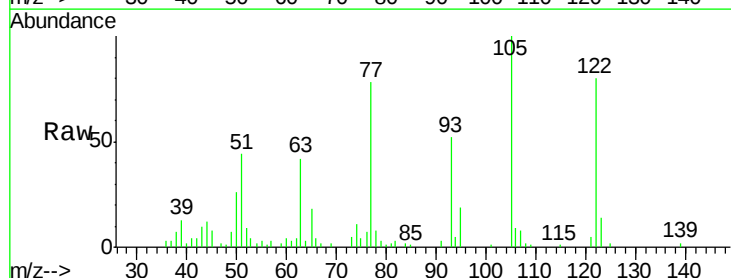


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

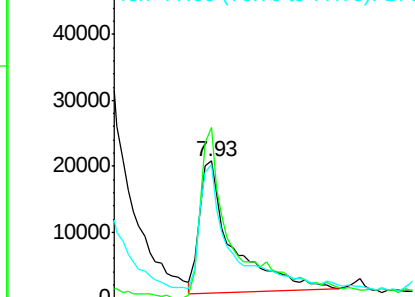
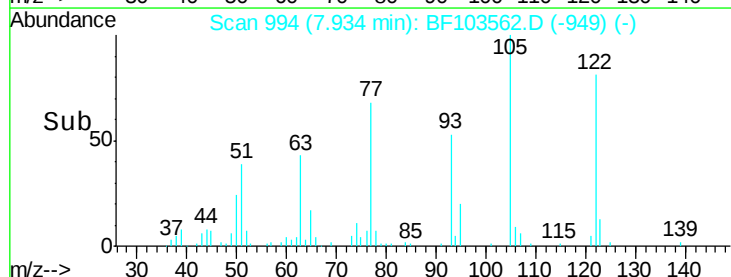


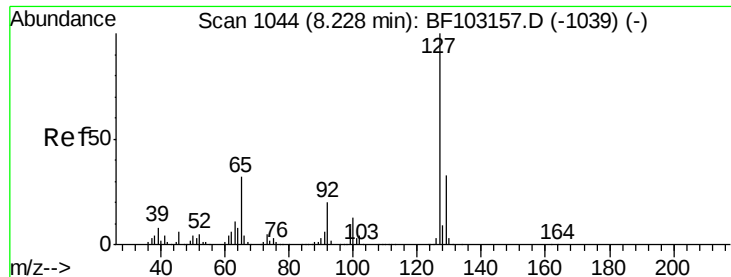
#32
Benzoic acid
Concen: 14.180 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.04 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:122 Resp: 49101
Ion Ratio Lower Upper
122 100
105 124.7 101.1 141.1
77 97.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

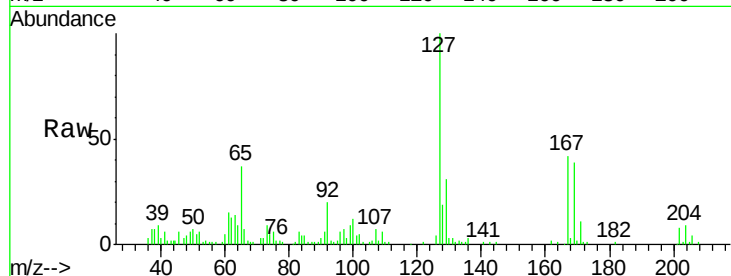




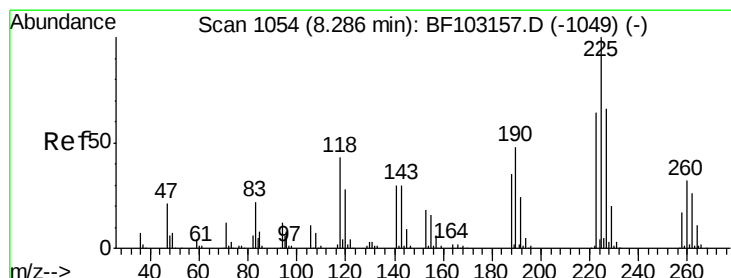
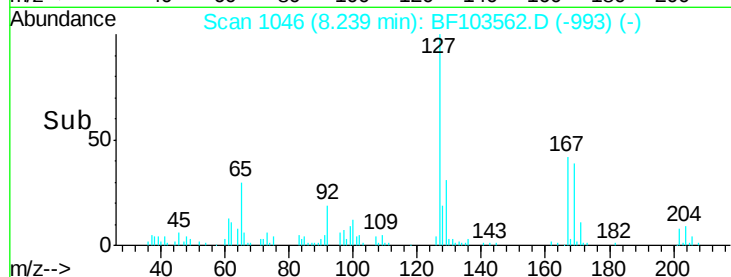
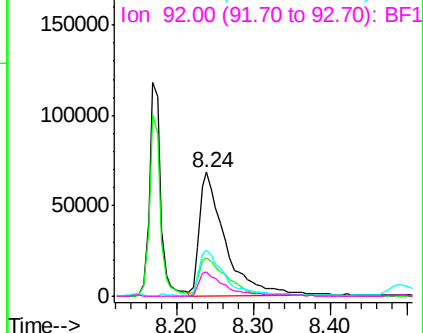
#33
4-Chloroaniline
Concen: 13.455 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	159756
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	37.2	25.0	37.4
92	19.8	15.2	22.8

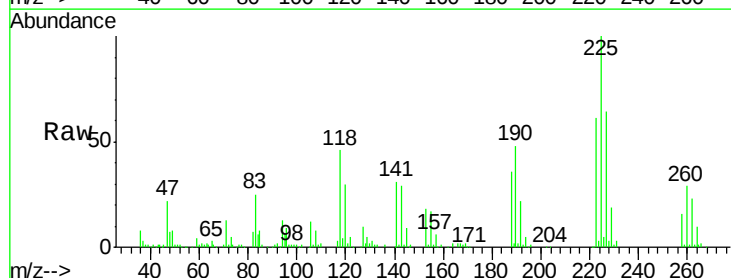


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

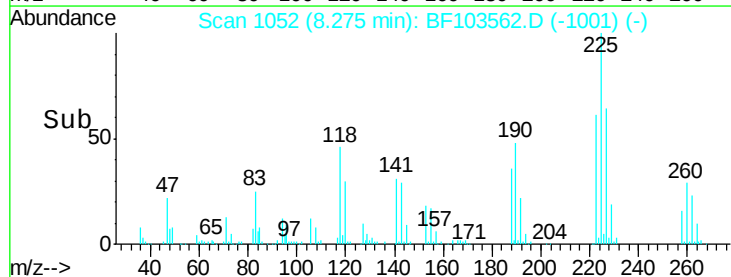
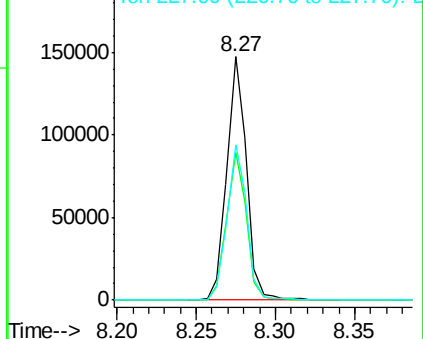


#34
Hexachlorobutadiene
Concen: 30.568 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:	225	Resp:	126530
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.6	76.0
227	63.6	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: 31.999 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

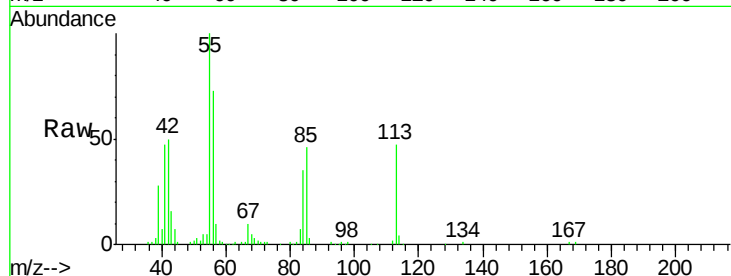
Tot Ion:113 Resp: 83948

Ion Ratio Lower Upper

113 100

55 213.8 163.3 203.3#

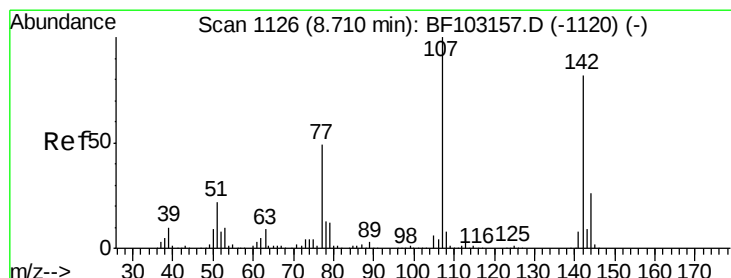
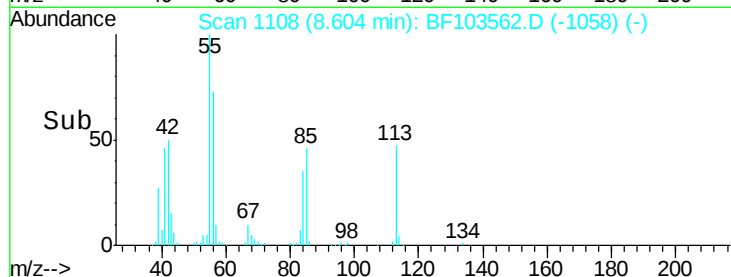
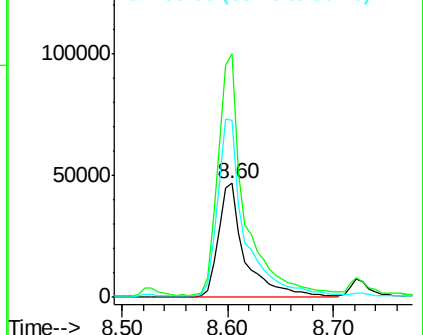
56 155.9 115.7 155.7#



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: 36.926 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

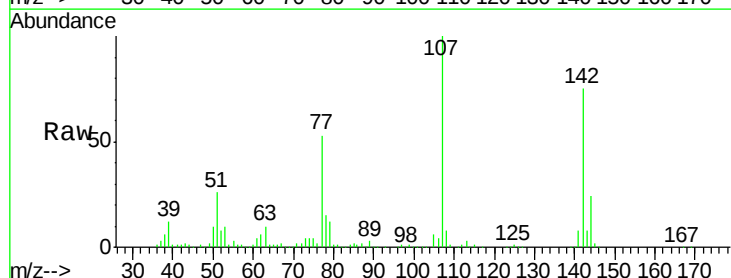
Tgt Ion:107 Resp: 310889

Ion Ratio Lower Upper

107 100

144 24.1 20.5 30.7

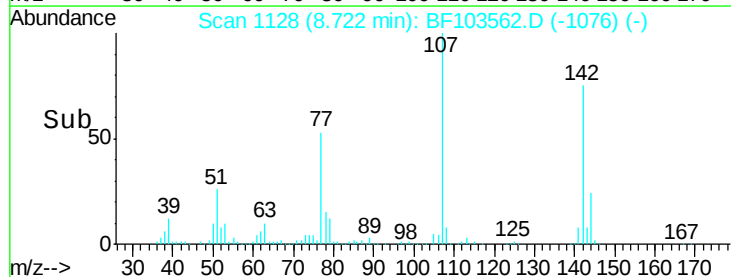
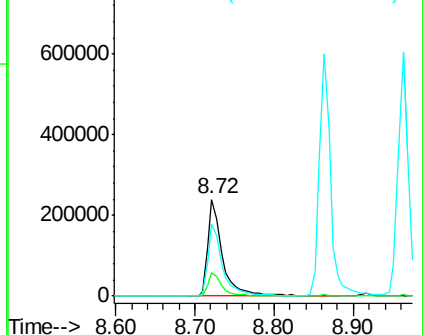
142 74.9 62.0 93.0

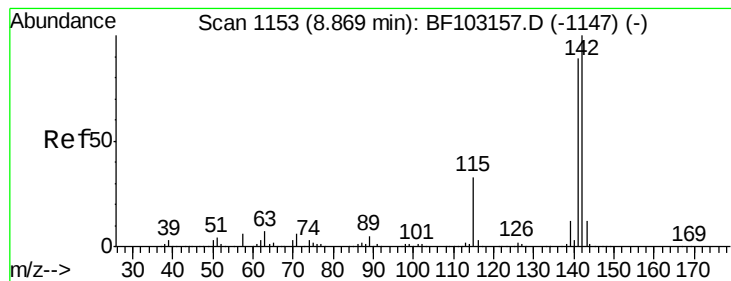


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

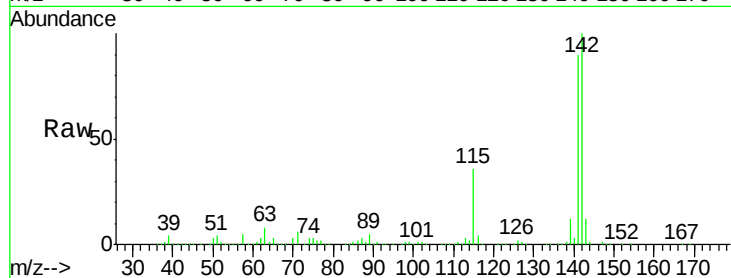




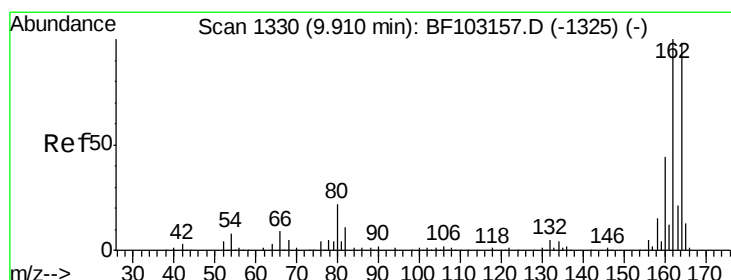
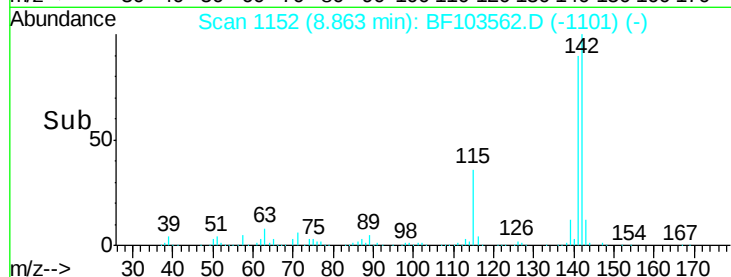
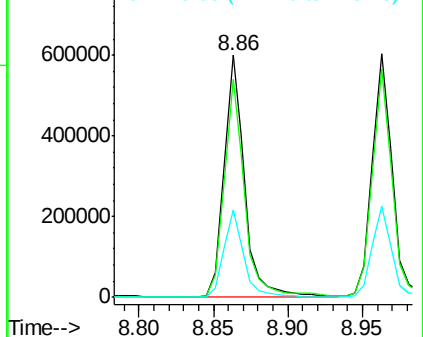
#37
2-Methylnaphthalene
Concen: 33.030 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	36.4	26.1	39.1

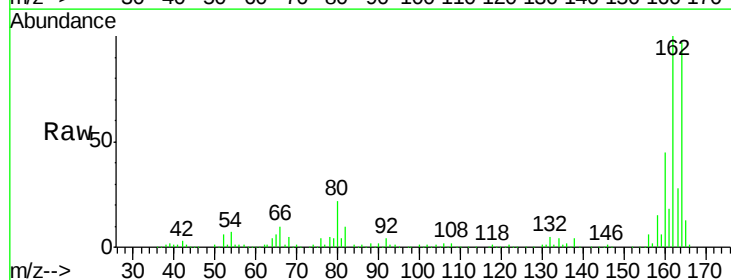


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

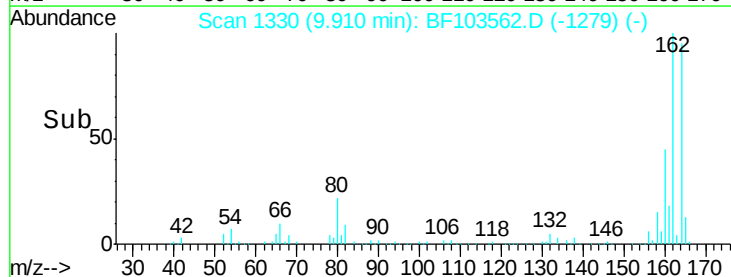
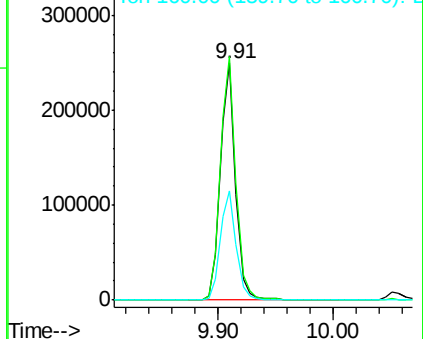


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

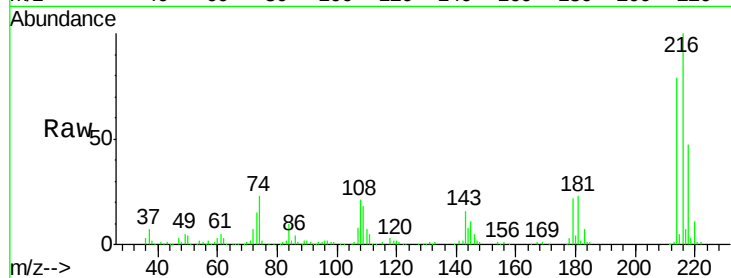




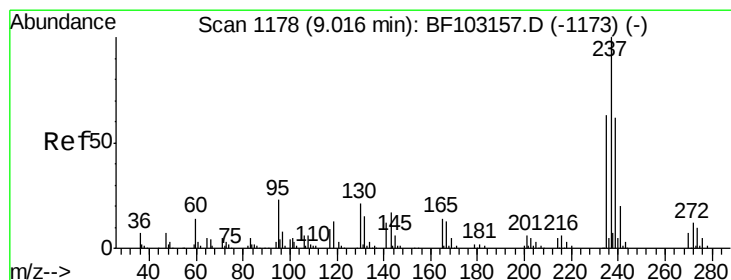
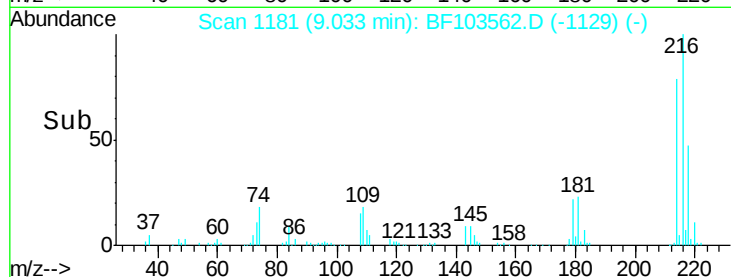
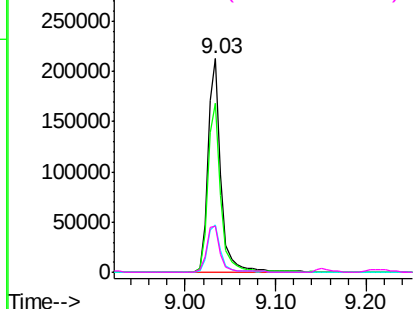
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.663 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	214904
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	23.3	18.1	27.1
108	23.3	17.2	25.8

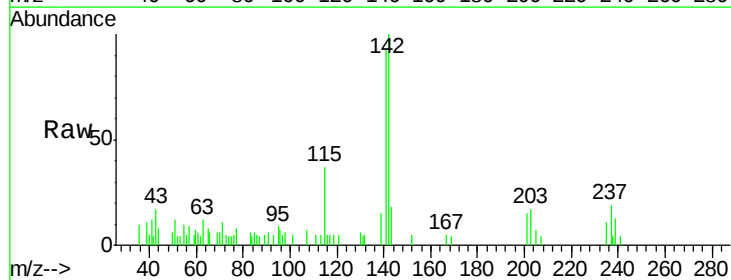


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

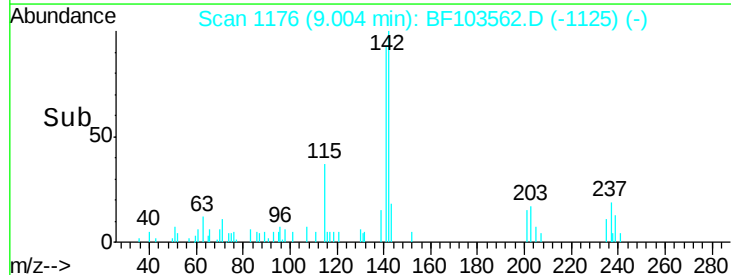
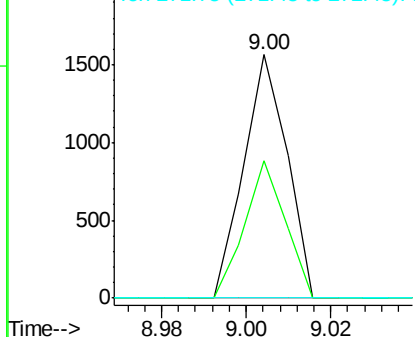


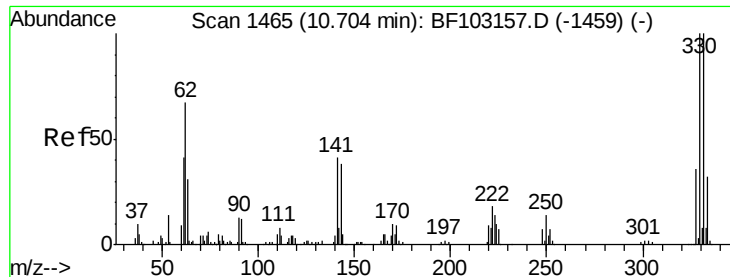
#40
 Hexachlorocyclopentadiene
 Concen: 9.334 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Tgt Ion:	237	Resp:	1112
Ion	Ratio	Lower	Upper
237	100		
235	56.7	44.8	84.8
272	0.0	0.0	33.3



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

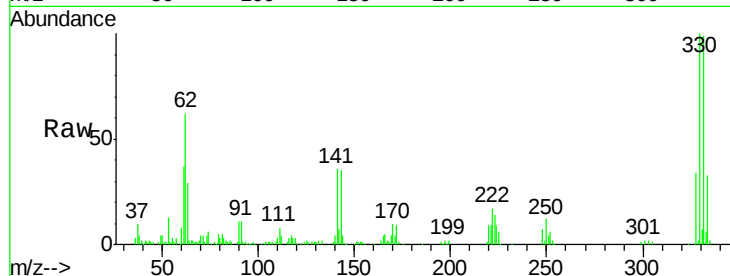




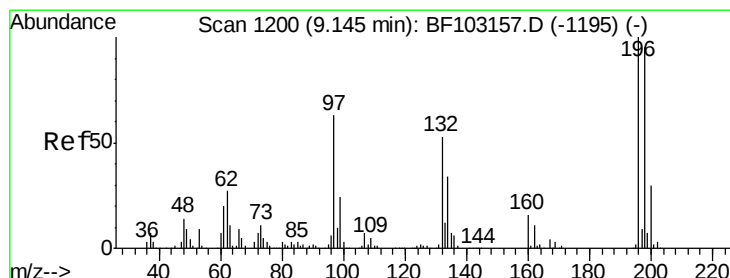
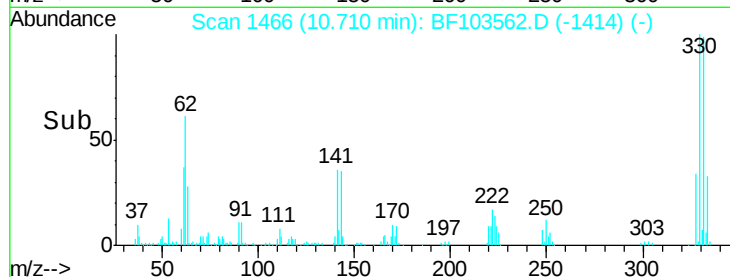
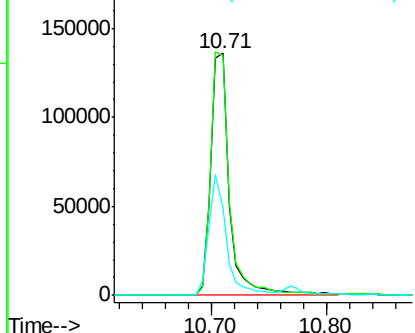
#41
 2,4,6-Tribromophenol
 Concen: 79.871 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 153319
 Ion Ratio Lower Upper
 330 100
 332 103.0 77.0 115.6
 141 47.5 29.9 44.9#

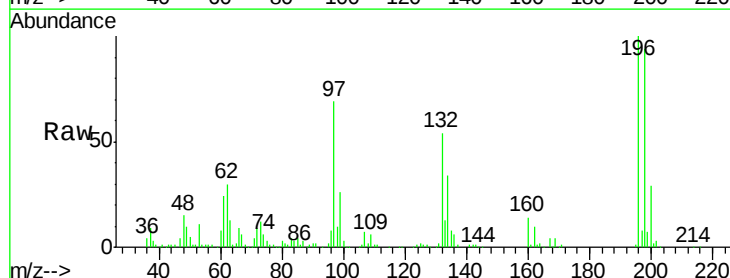


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

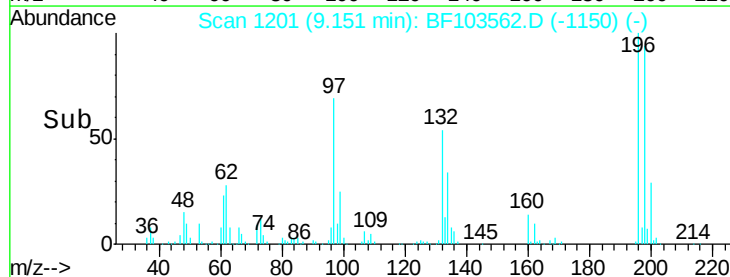
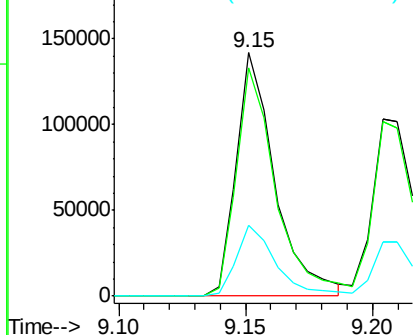


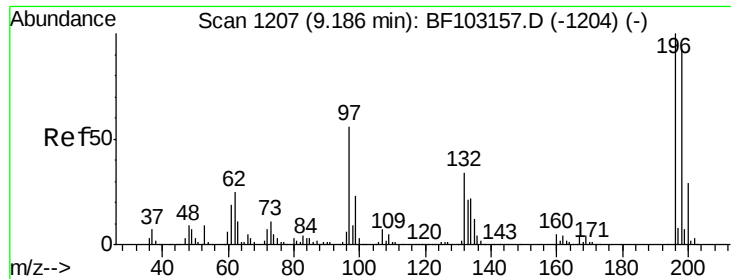
#42
 2,4,6-Trichlorophenol
 Concen: 36.195 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Tgt Ion:196 Resp: 150991
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 29.1 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

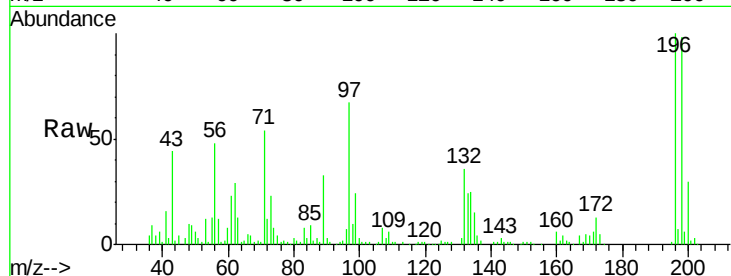




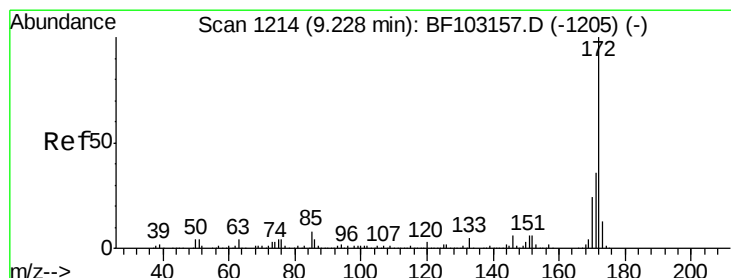
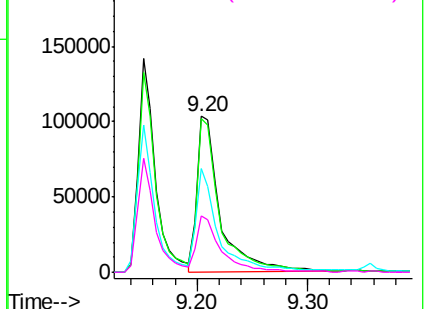
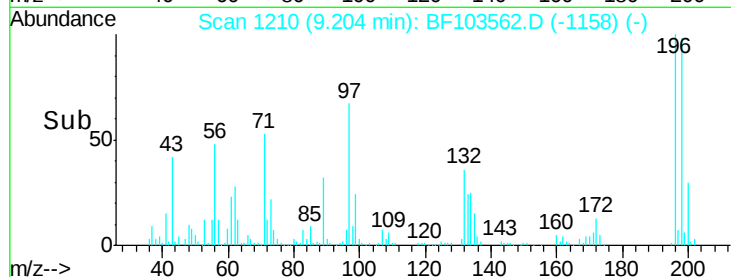
#43
2,4,5-Trichlorophenol
Concen: 30.802 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 147790
Ion Ratio Lower Upper
196 100
198 98.4 74.6 112.0
97 66.9 42.9 64.3#
132 35.8 26.3 39.5

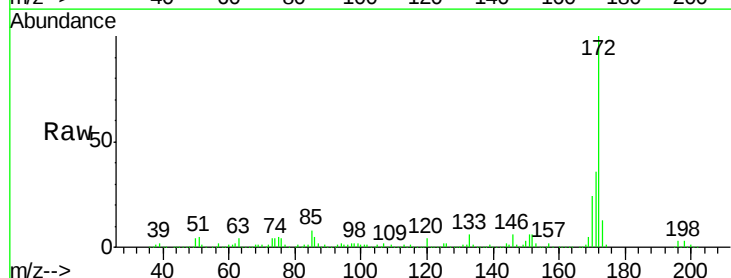


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

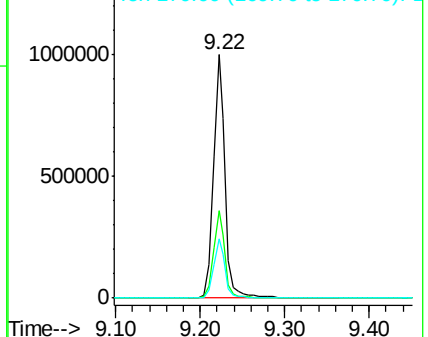
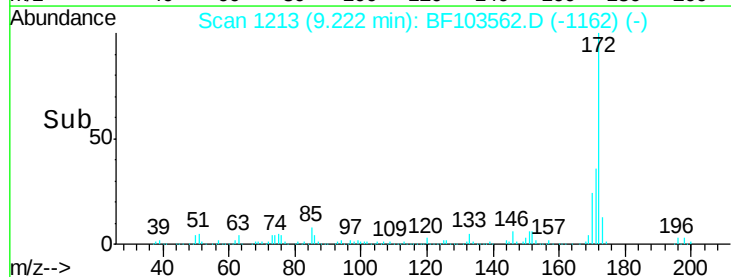


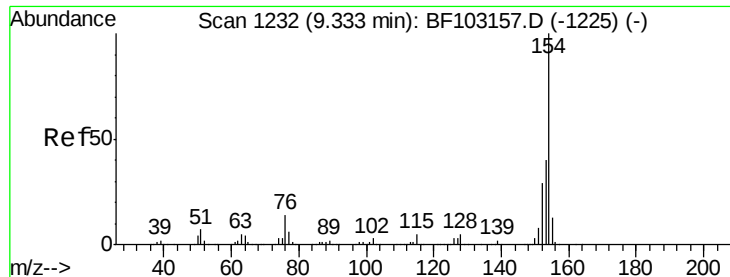
#44
2-Fluorobiphenyl
Concen: 71.788 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:172 Resp: 981052
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.1 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: 34.664 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampled :

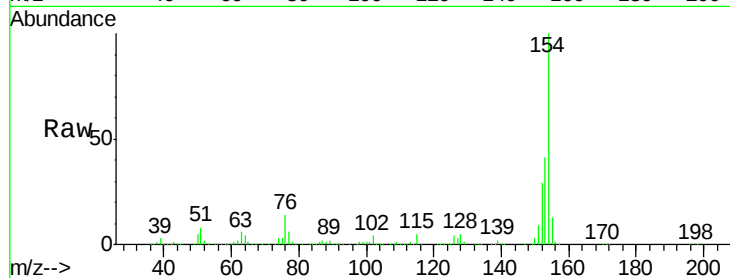
Tot Ion:154 Resp: 658727

Ion Ratio Lower Upper

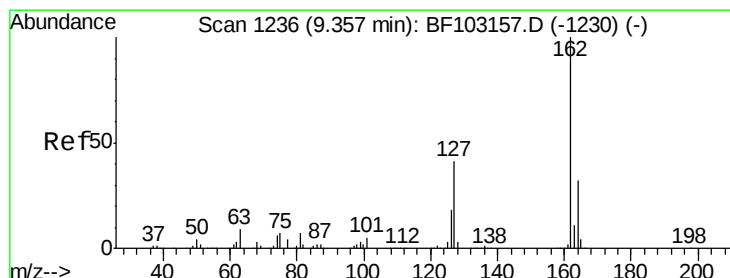
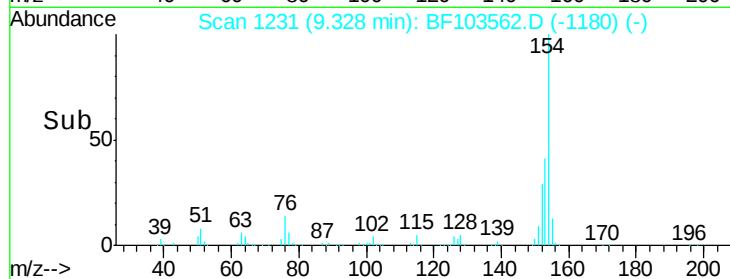
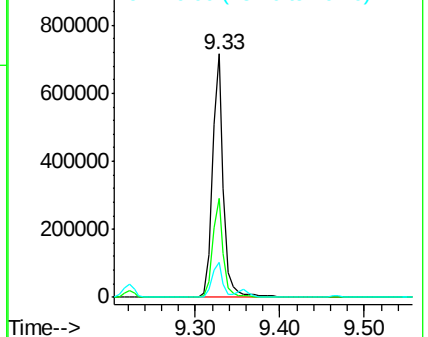
154 100

153 40.8 21.3 61.3

76 14.4 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 34.469 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

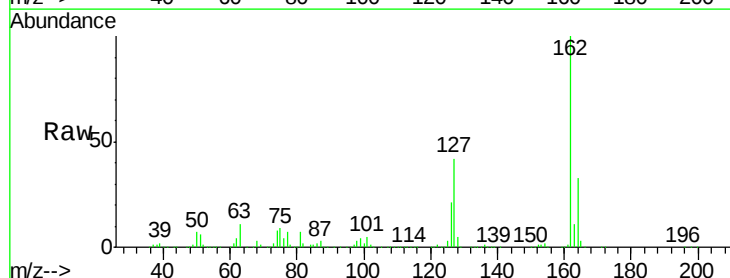
Tgt Ion:162 Resp: 518205

Ion Ratio Lower Upper

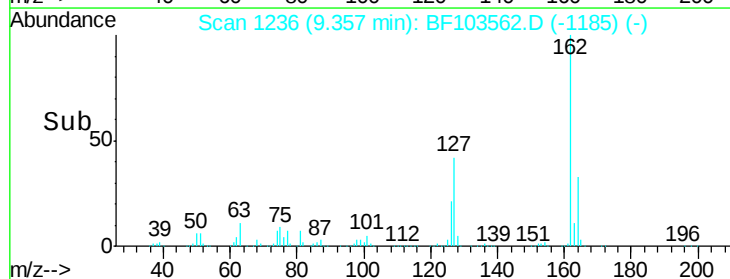
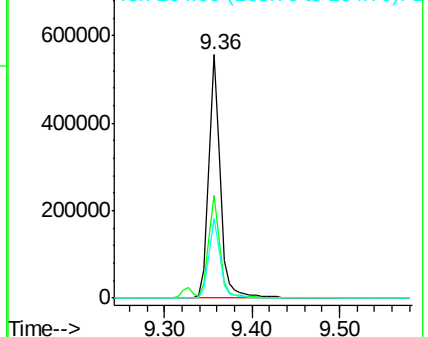
162 100

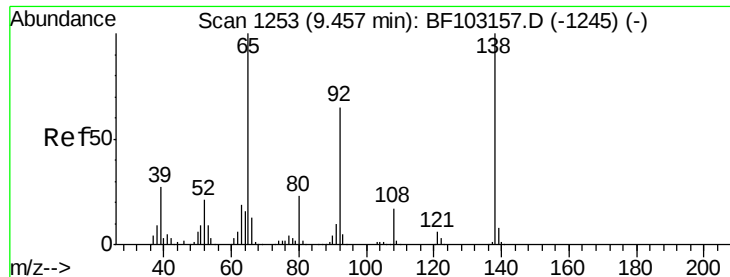
127 42.0 33.9 50.9

164 32.5 26.5 39.7



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

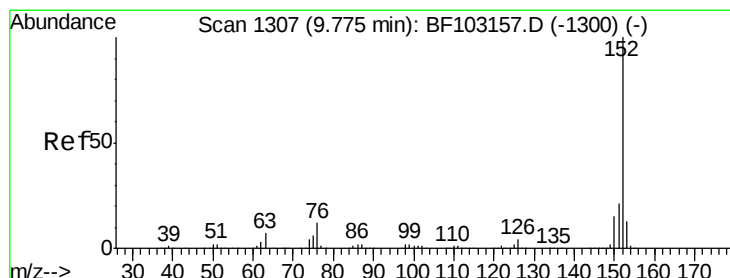
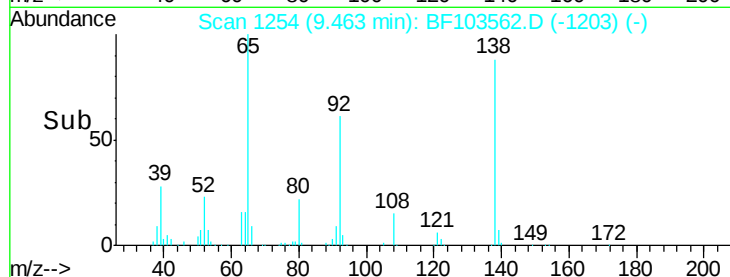
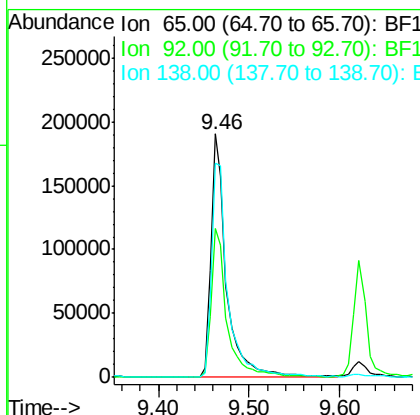
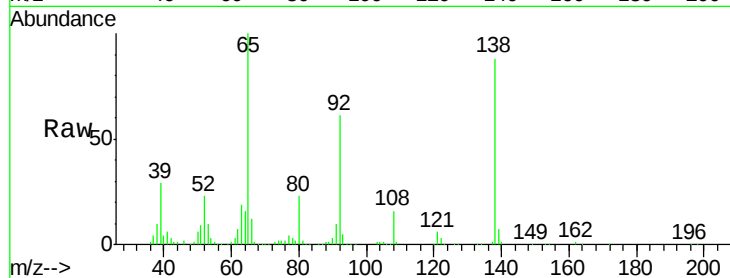




#47
2-Nitroaniline
Concen: 40.650 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

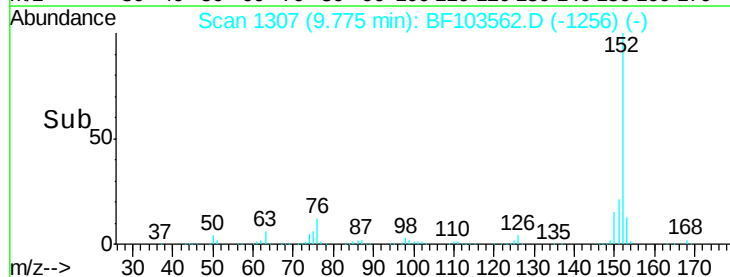
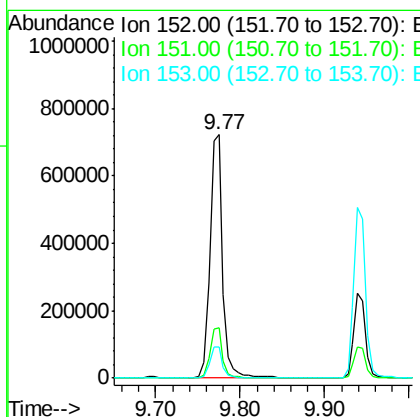
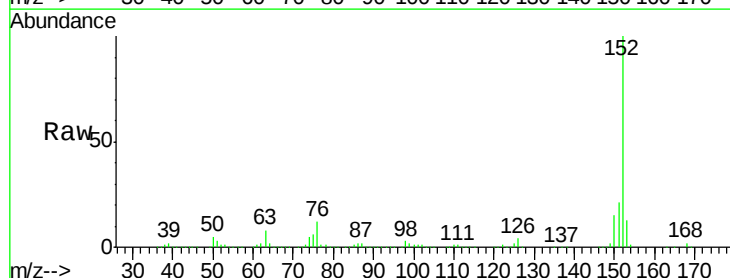
Instrument :
BNA_F
ClientSampled :

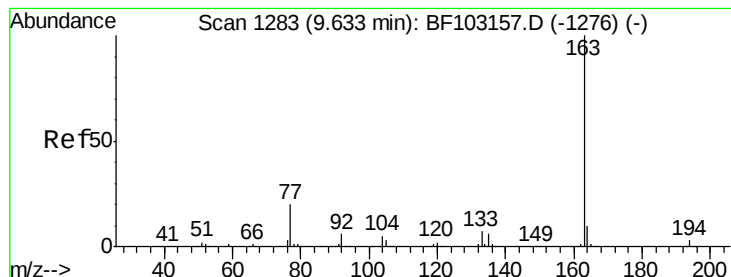
Tot Ion: 65 Resp: 226374
Ion Ratio Lower Upper
65 100
92 61.1 55.8 83.6
138 87.7 91.2 136.8#



#48
Acenaphthylene
Concen: 33.186 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion: 152 Resp: 767646
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 33.912 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

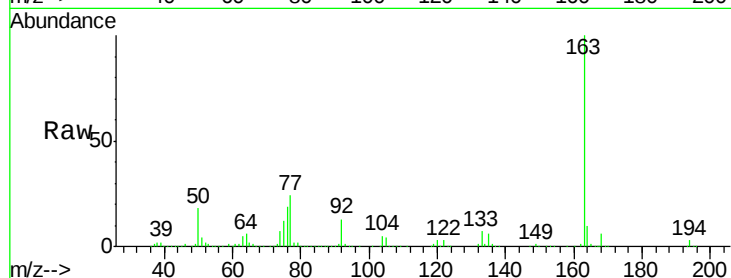
Tot Ion:163 Resp: 616958

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

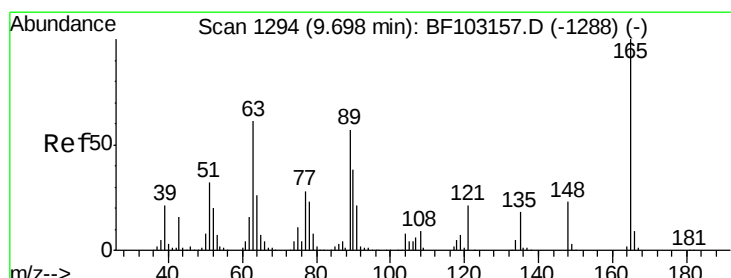
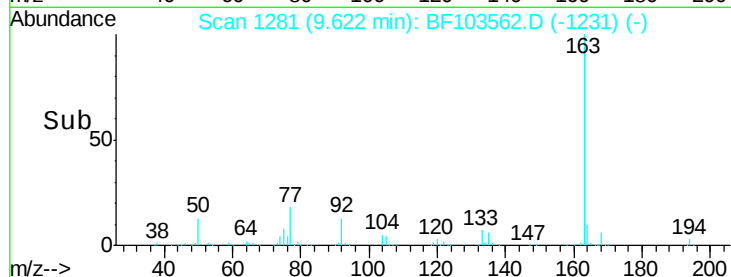
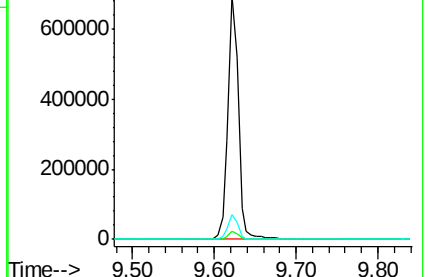
164 10.2 8.2 12.2



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: 31.799 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

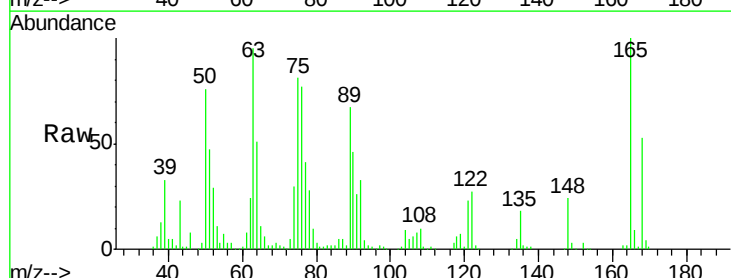
Tgt Ion:165 Resp: 121403

Ion Ratio Lower Upper

165 100

63 95.0 44.7 67.1#

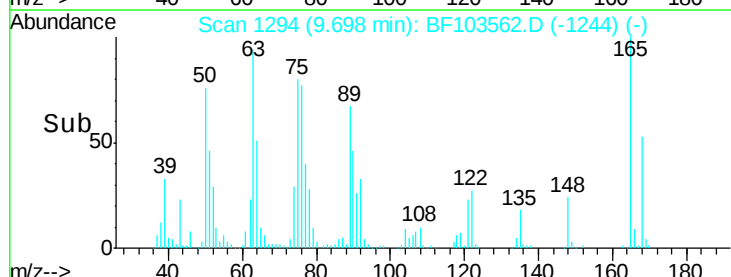
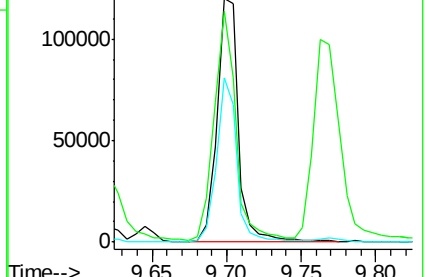
89 67.2 44.0 66.0#

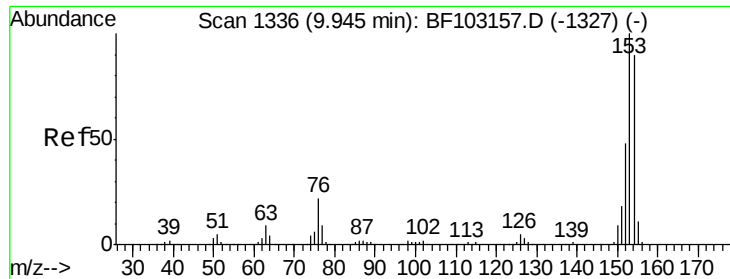


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 32.462 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

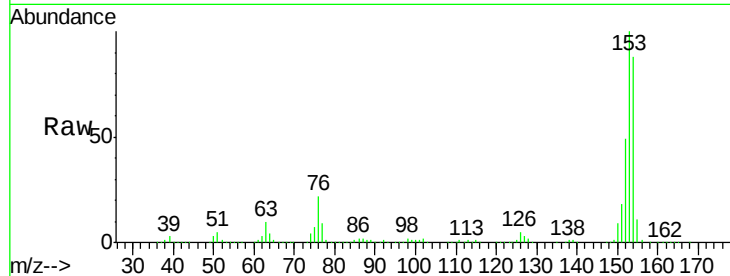
Tot Ion:154 Resp: 437850

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

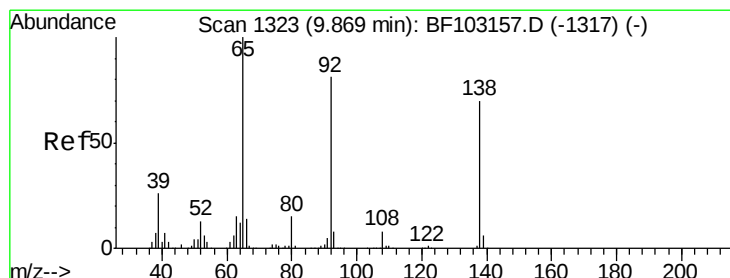
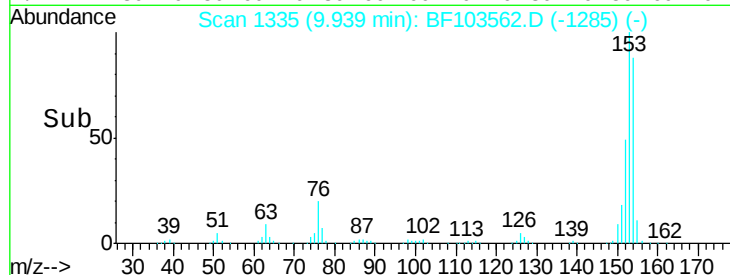
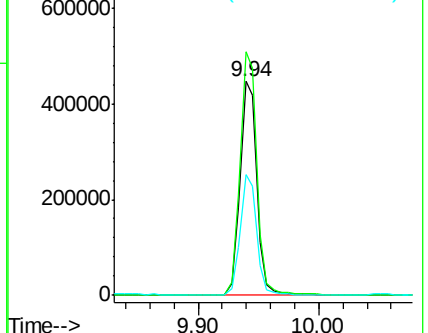
152 56.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.876 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

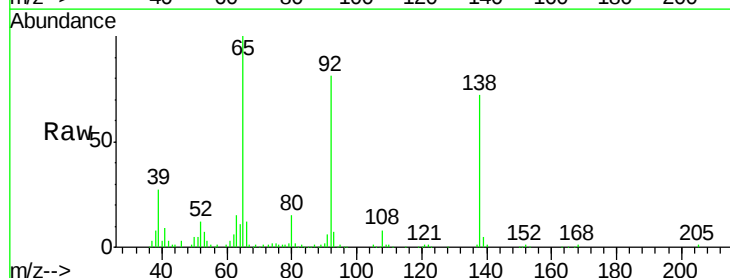
Tgt Ion:138 Resp: 139868

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

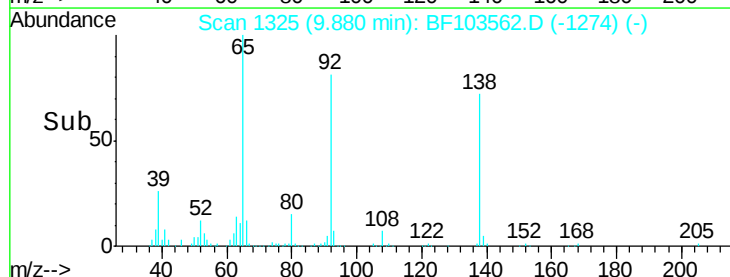
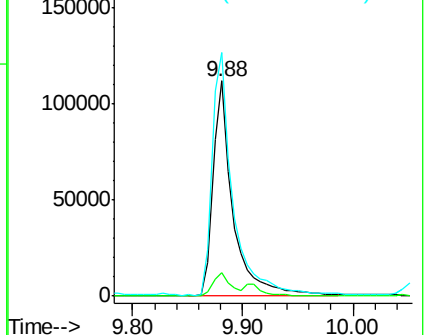
92 113.0 89.4 134.2



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

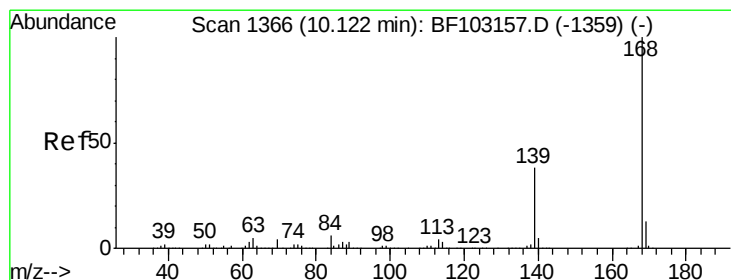
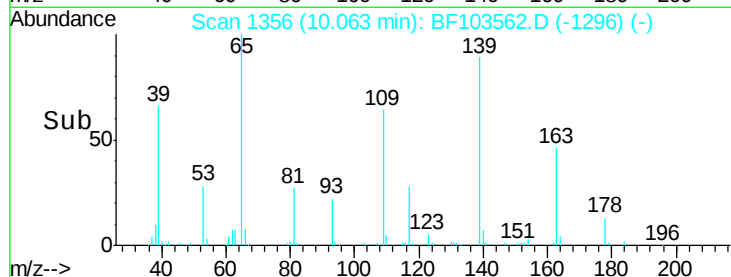
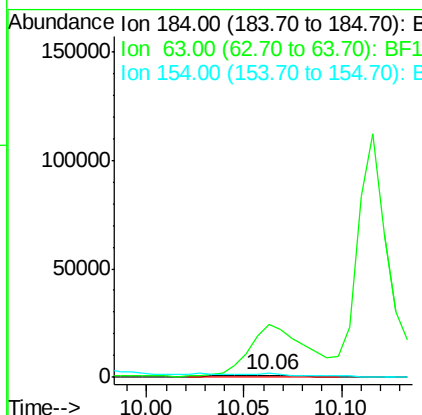
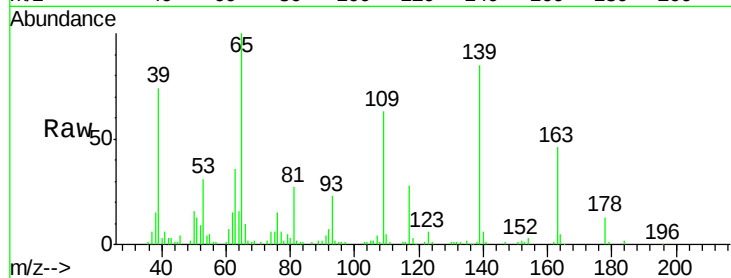




#53
2,4-Dinitrophenol
Concen: 11.330 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.05 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

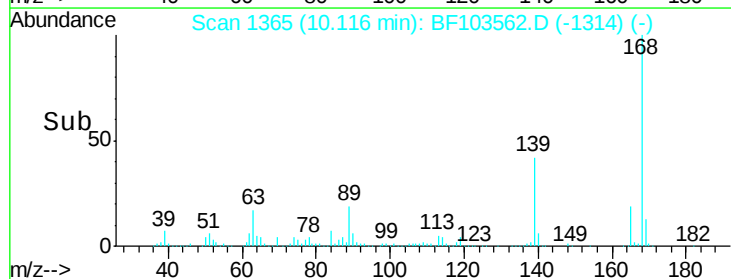
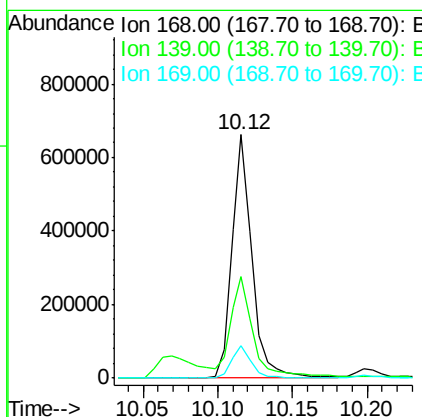
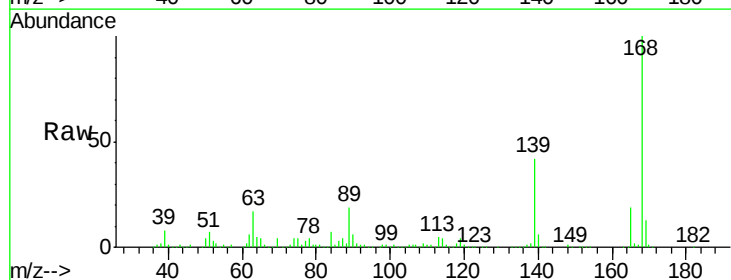
Instrument :
BNA_F
ClientSampled :

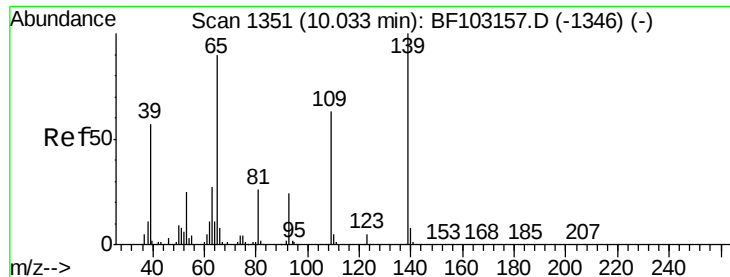
Tot Ion:184 Resp: 2679
Ion Ratio Lower Upper
184 100
63 2264.1 54.2 81.2#
154 163.6 184.0 276.0#



#54
Dibenzofuran
Concen: 34.145 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:168 Resp: 632227
Ion Ratio Lower Upper
168 100
139 41.6 30.1 45.1
169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 38.132 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

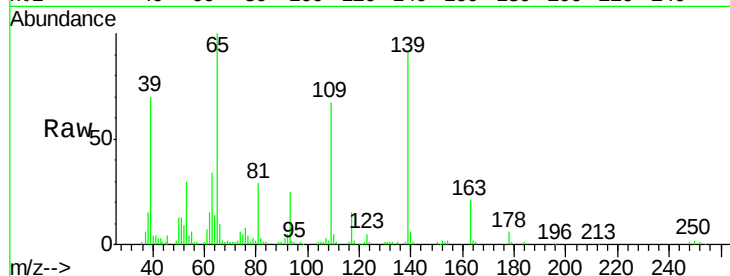
Tot Ion:139 Resp: 114472

Ion Ratio Lower Upper

139 100

109 73.5 48.4 88.4

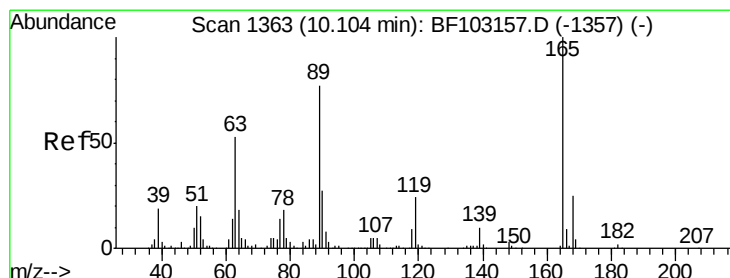
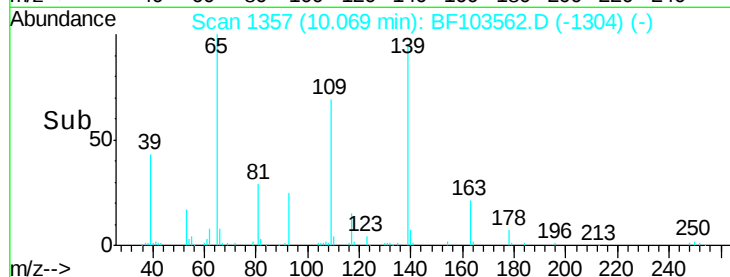
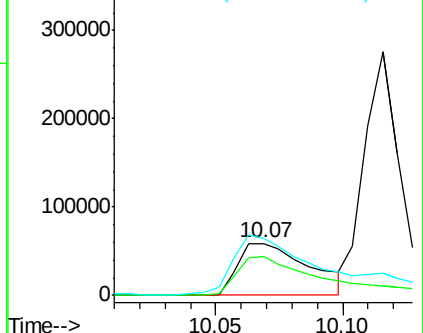
65 109.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 29.318 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Tgt Ion:165 Resp: 141563

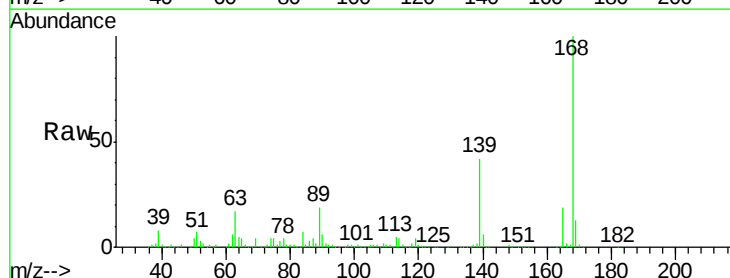
Ion Ratio Lower Upper

165 100

63 88.1 36.4 54.6#

89 96.4 57.8 86.6#

182 2.0 1.6 2.4

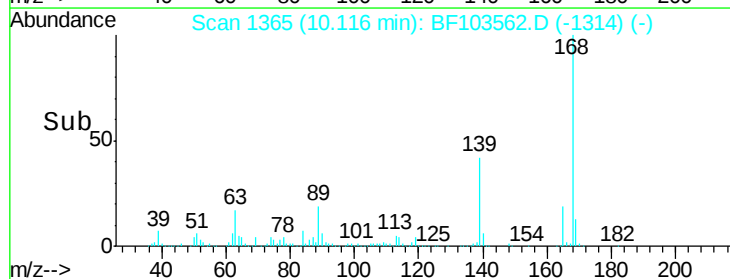
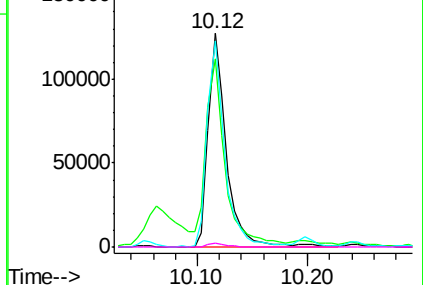


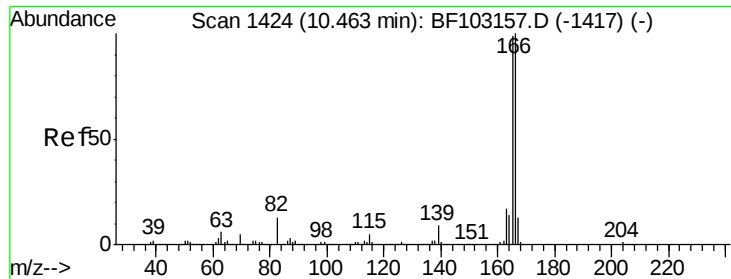
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

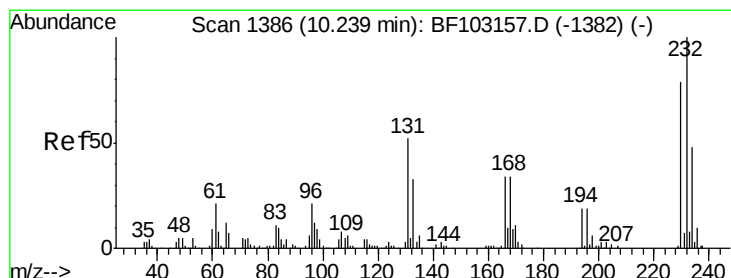
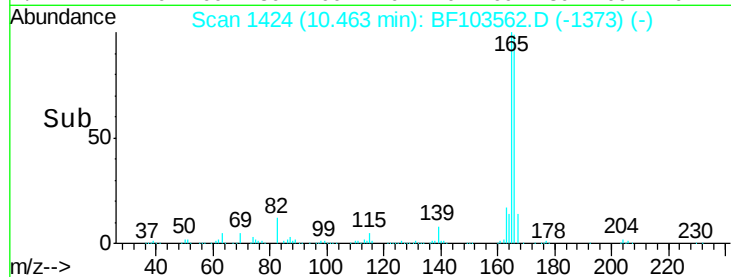
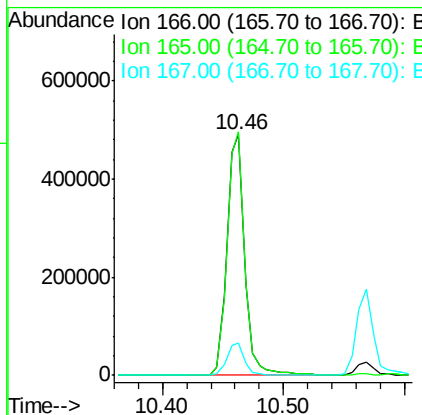
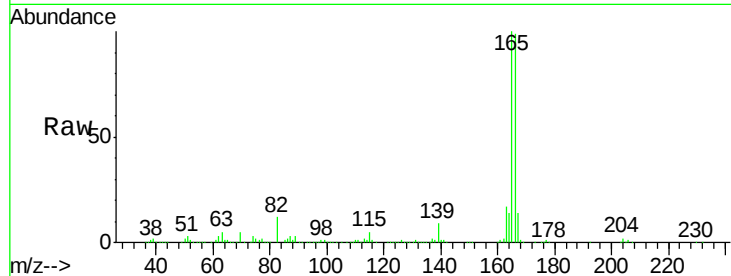




#57
 Fluorene
 Concen: 31.689 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

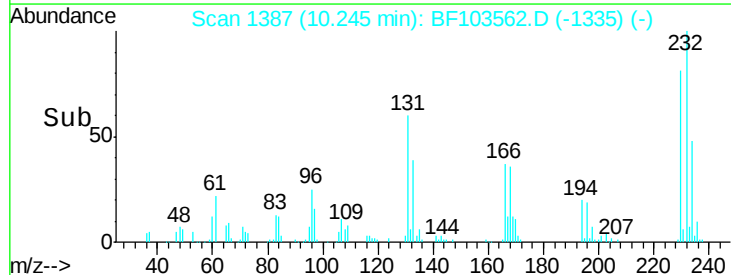
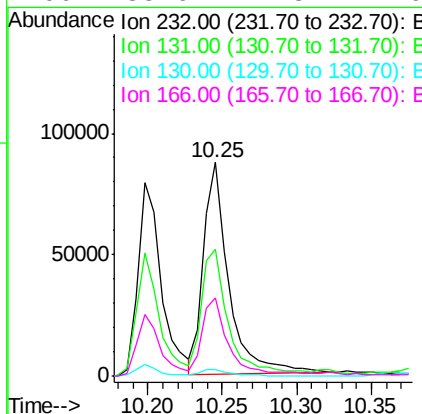
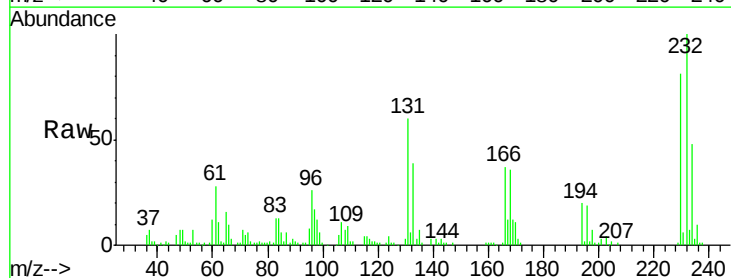
Instrument :
 BNA_F
 ClientSampleId :

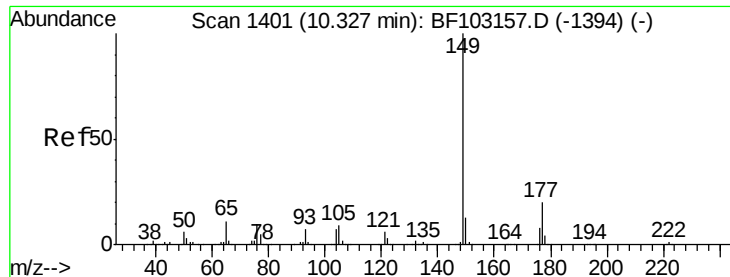
Tot Ion:166 Resp: 499832
 Ion Ratio Lower Upper
 166 100
 165 101.2 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.687 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Tgt Ion:232 Resp: 102133
 Ion Ratio Lower Upper
 232 100
 131 59.8 43.8 65.8
 130 3.4 2.1 3.1#
 166 35.6 27.8 41.6

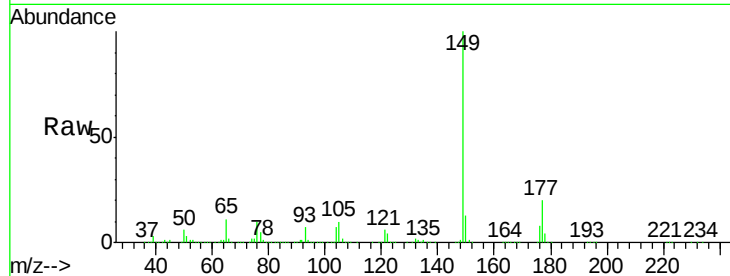




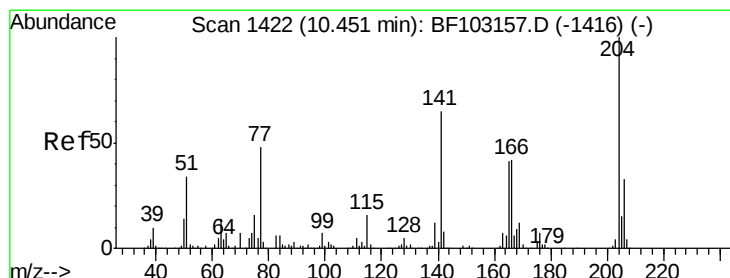
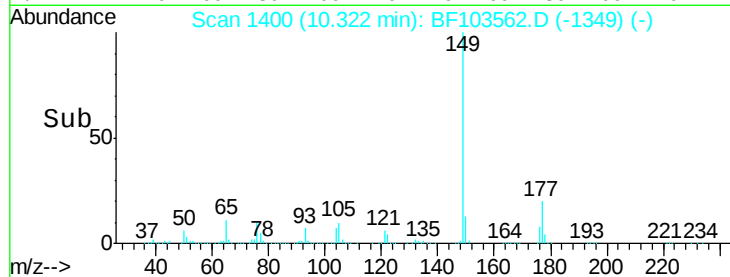
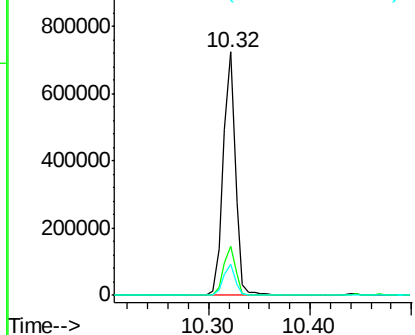
#59
Diethylphthalate
Concen: 34.975 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 608568
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.8 10.1 15.1

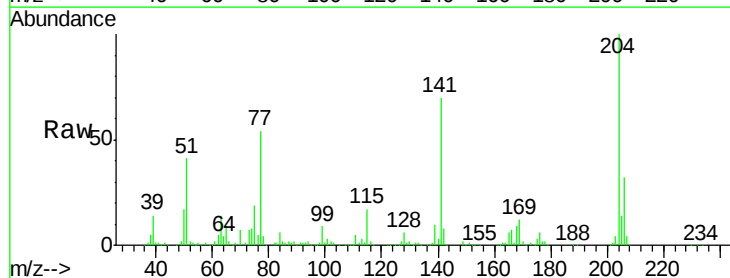


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

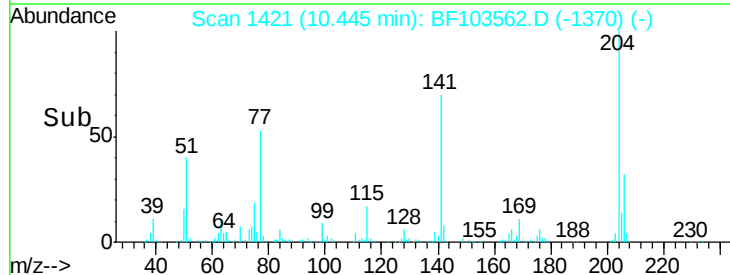
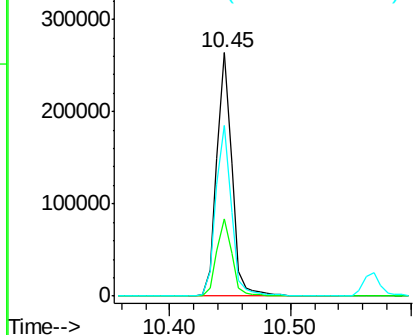


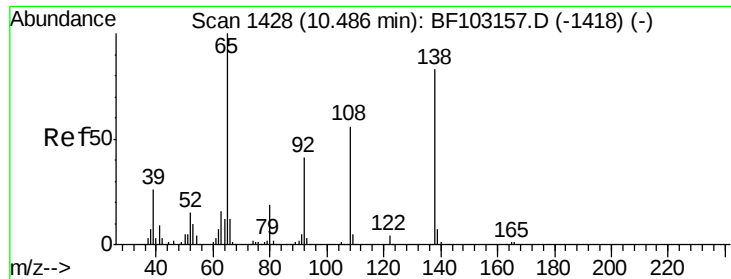
#60
4-Chlorophenyl-phenylether
Concen: 34.049 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:204 Resp: 227746
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 70.2 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

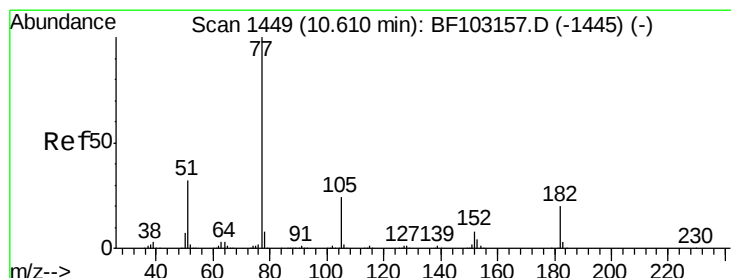
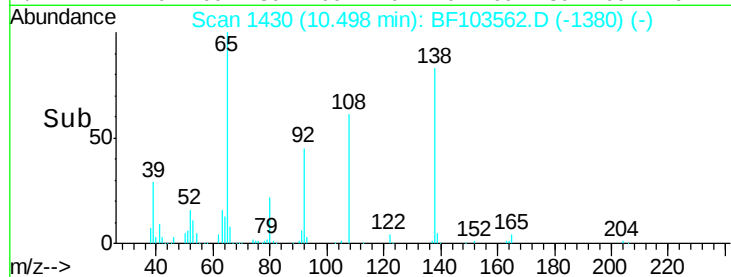
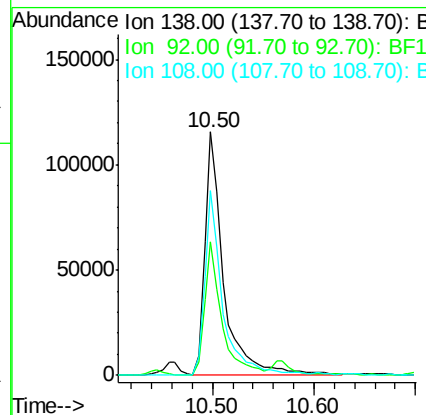
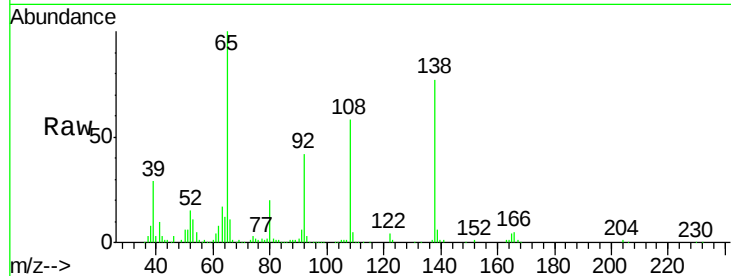




#61
4-Nitroaniline
Concen: 30.195 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

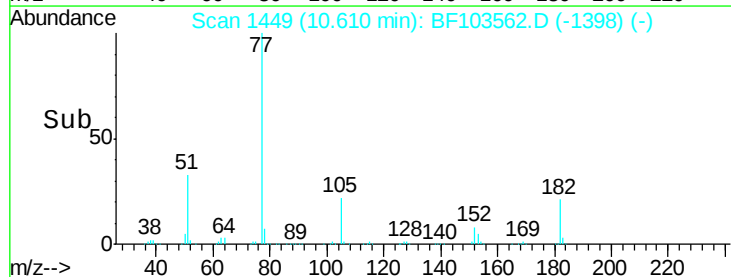
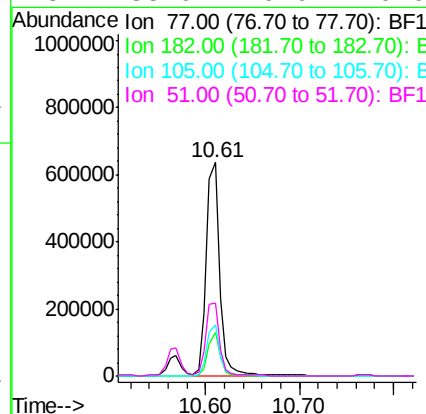
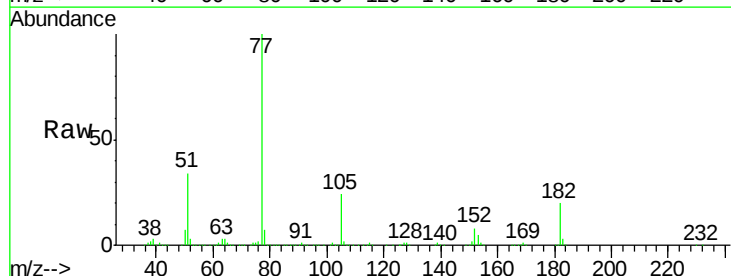
Instrument :
BNA_F
ClientSampleId :

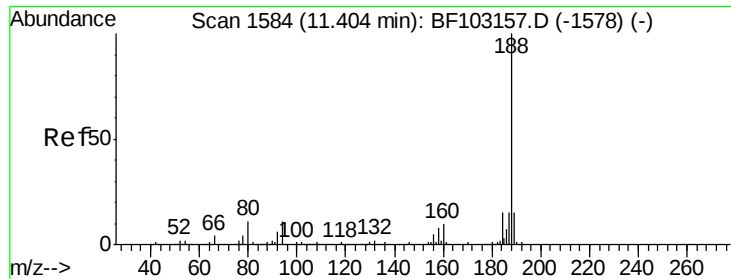
Tot Ion:138 Resp: 146082
Ion Ratio Lower Upper
138 100
92 54.8 30.2 70.2
108 76.0 52.5 92.5



#62
Azobenzene
Concen: 35.845 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion: 77 Resp: 634862
Ion Ratio Lower Upper
77 100
182 20.2 1.7 41.7
105 23.9 3.0 43.0
51 33.9 9.9 49.9

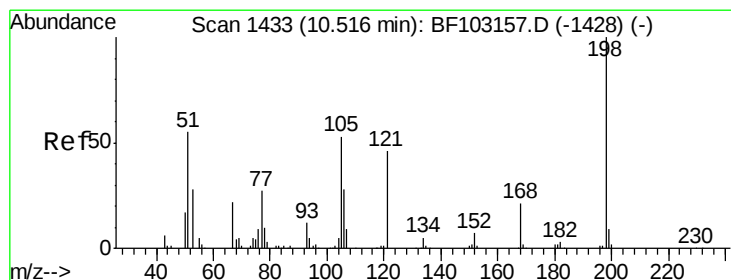
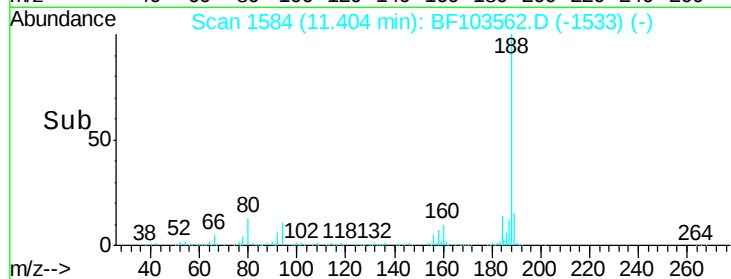
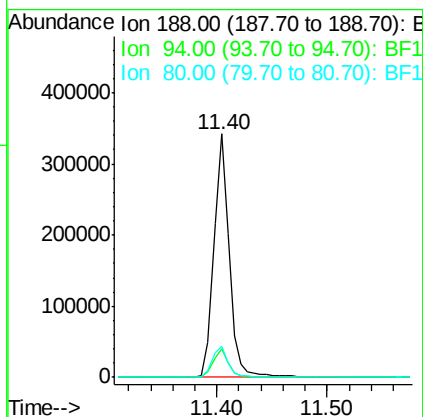
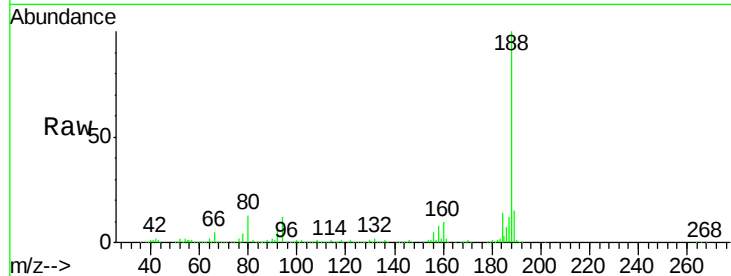




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

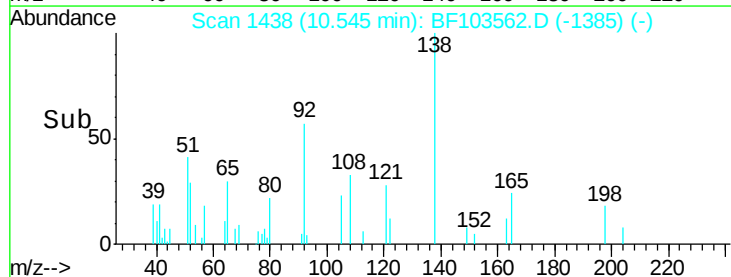
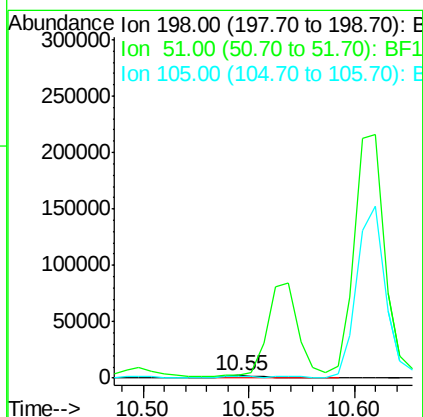
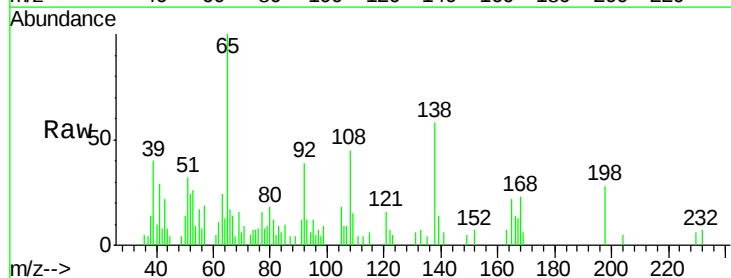
Instrument :
BNA_F
ClientSampleId :

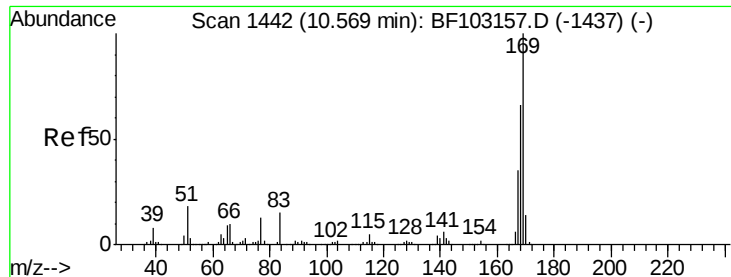
Tot Ion:188 Resp: 327726
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.444 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:198 Resp: 3332
Ion Ratio Lower Upper
198 100
51 114.4 37.7 77.7#
105 63.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.455 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

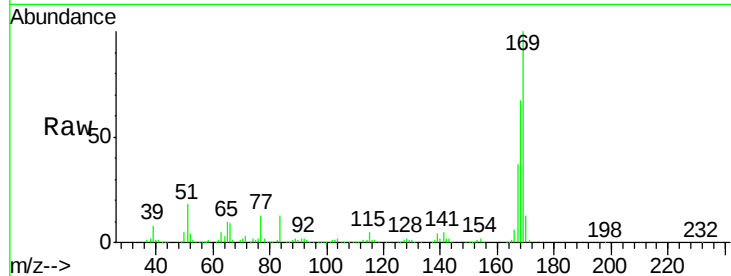
Tot Ion:169 Resp: 450220

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

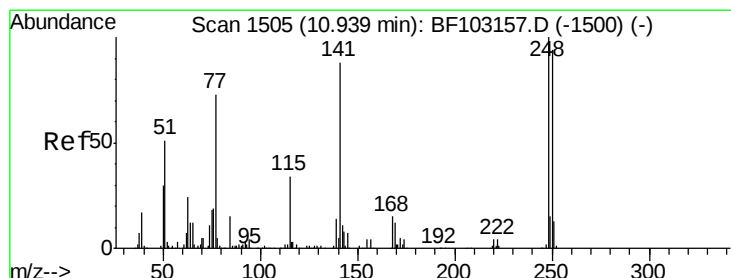
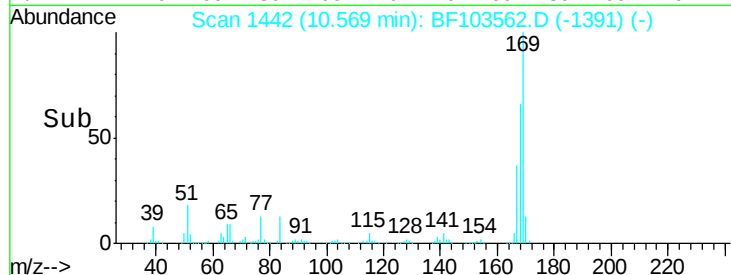
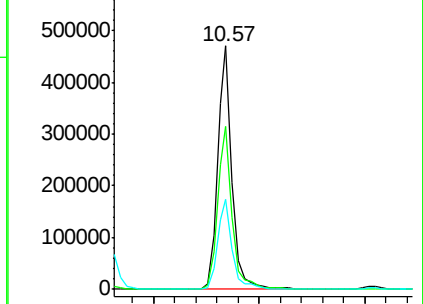
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.100 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

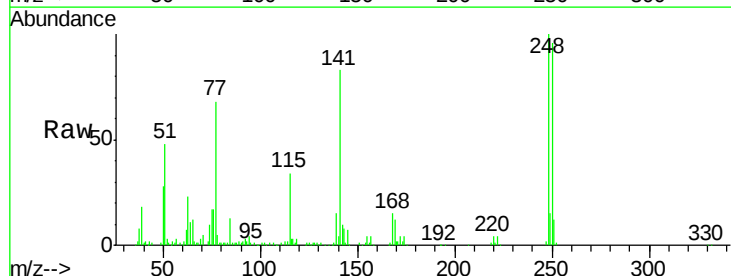
Tgt Ion:248 Resp: 123242

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

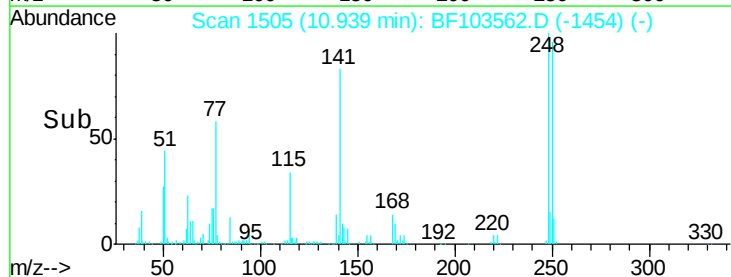
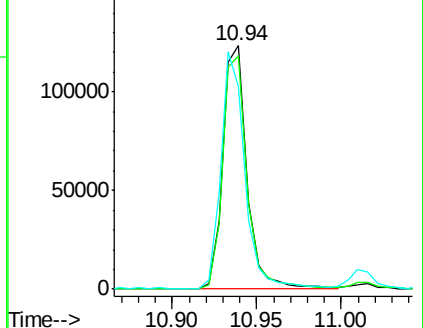
141 83.3 74.4 111.6

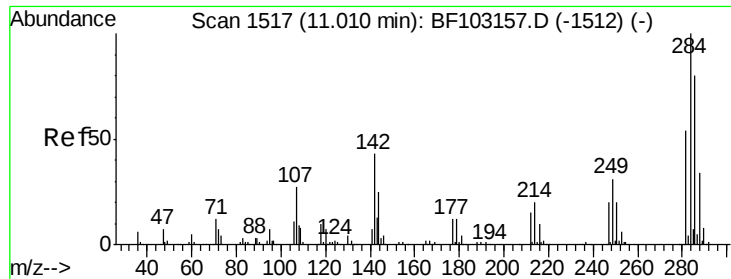


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

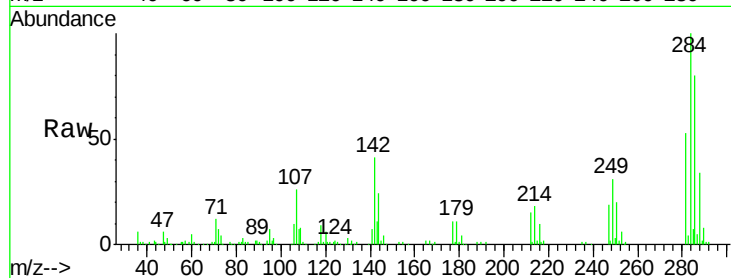




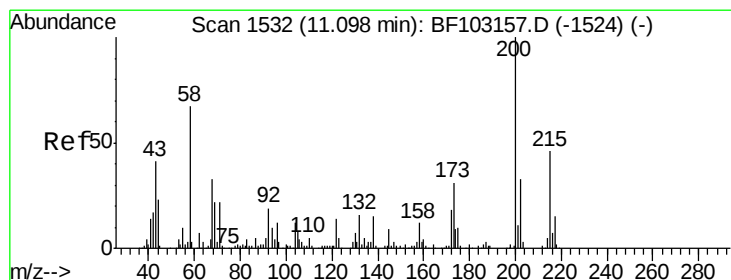
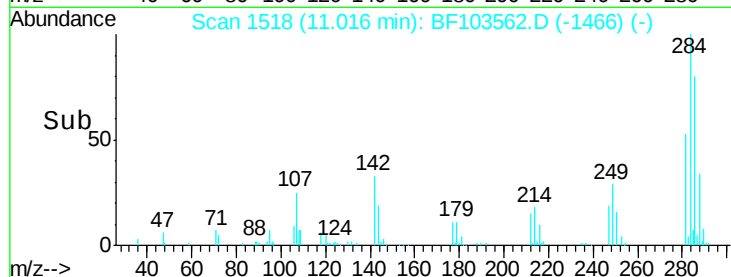
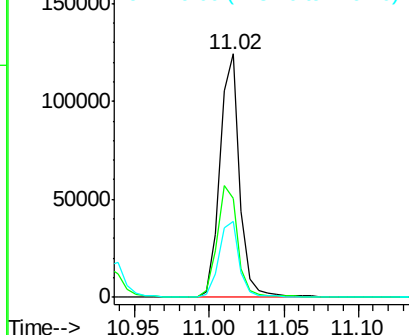
#67
Hexachlorobenzene
Concen: 31.442 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 116507
Ion Ratio Lower Upper
284 100
142 40.7 34.6 52.0
249 31.0 24.8 37.2

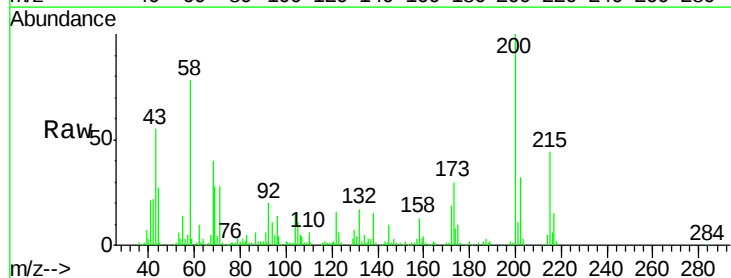


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

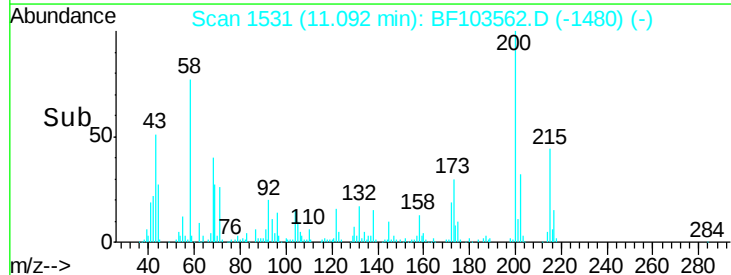
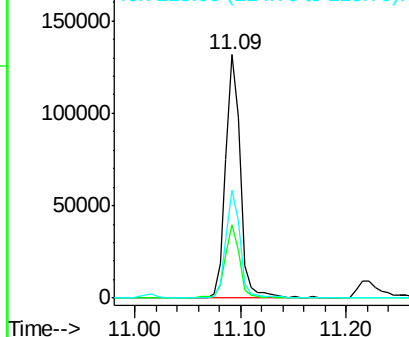


#68
Atrazine
Concen: 37.407 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:200 Resp: 128299
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 44.4 25.1 65.1



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

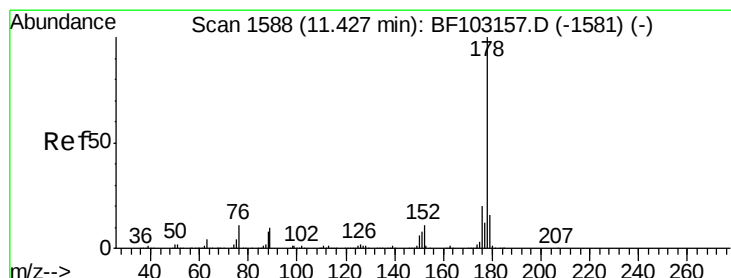
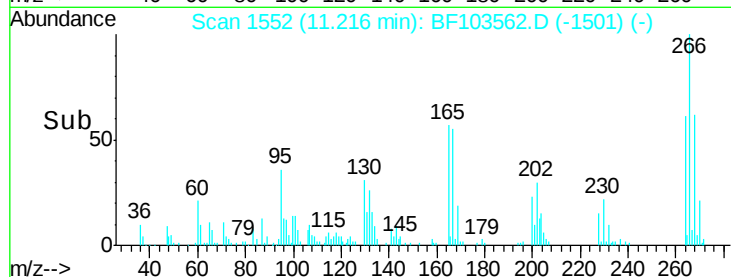
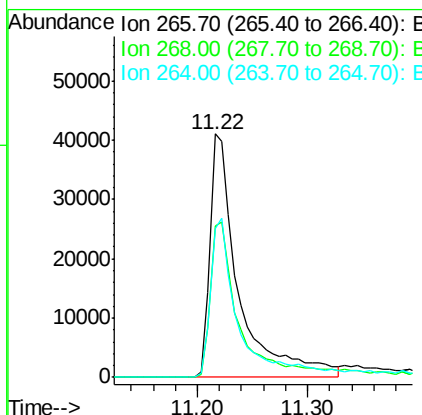
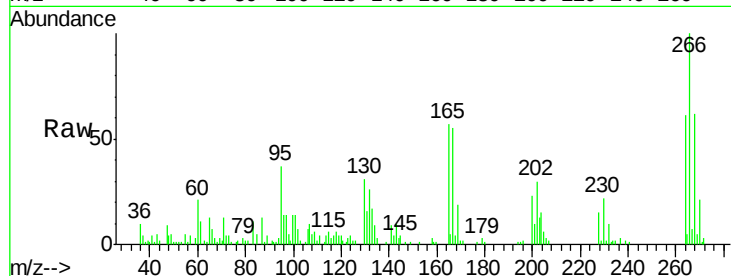




#69
 Pentachlorophenol
 Concen: 41.075 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

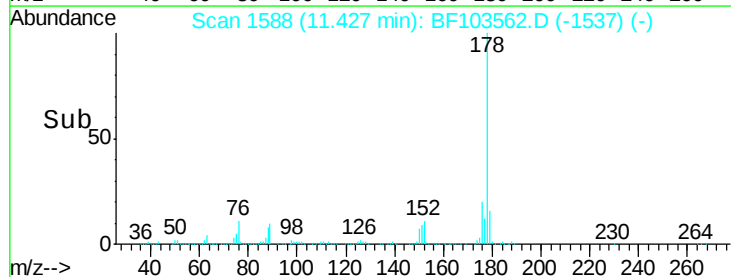
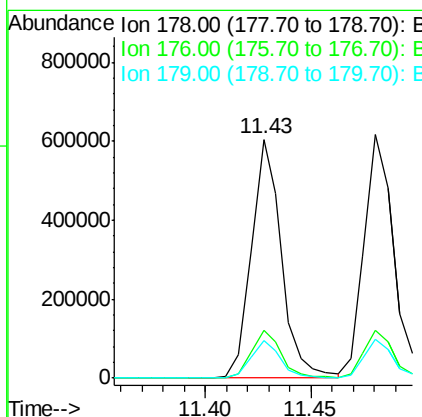
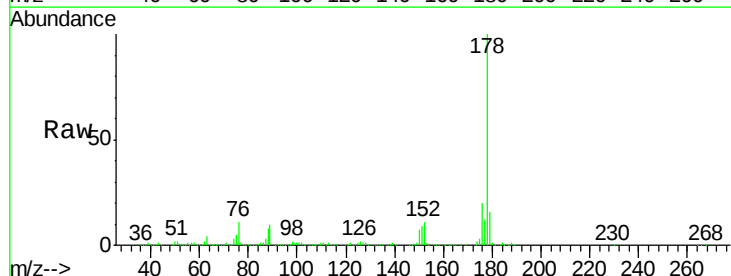
Instrument :
 BNA_F
 ClientSampleId :

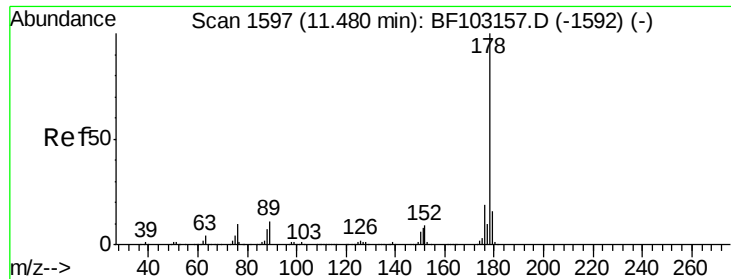
Tot Ion:266 Resp: 73592
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 61.1 49.5 74.3



#70
 Phenanthrene
 Concen: 33.228 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Tgt Ion:178 Resp: 599285
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 13.0 19.6

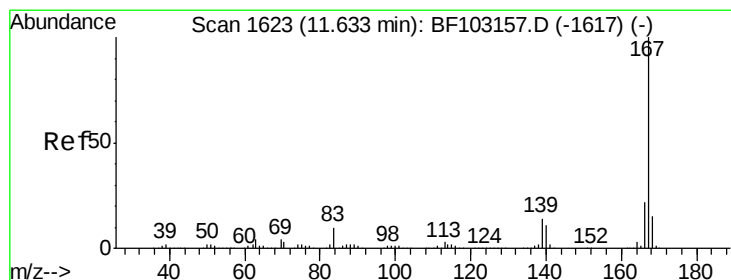
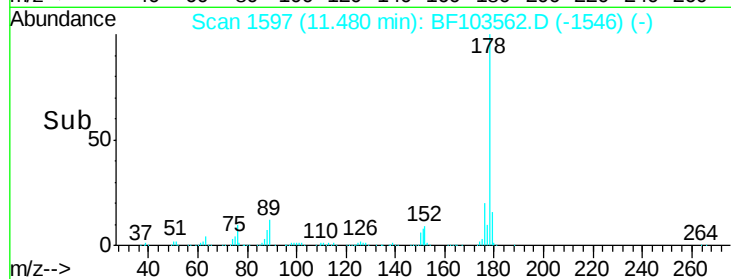
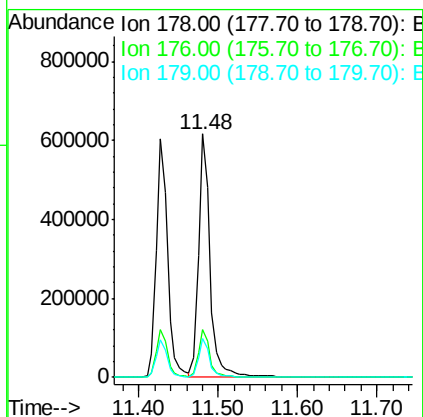
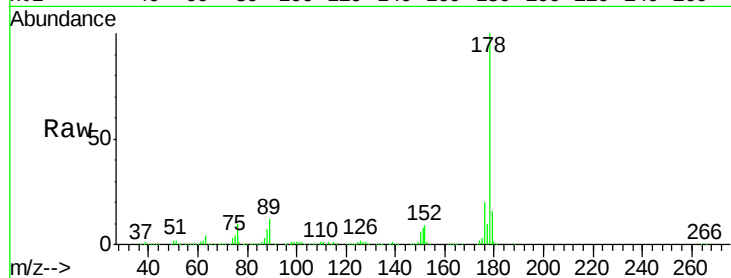




#71
 Anthracene
 Concen: 34.554 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

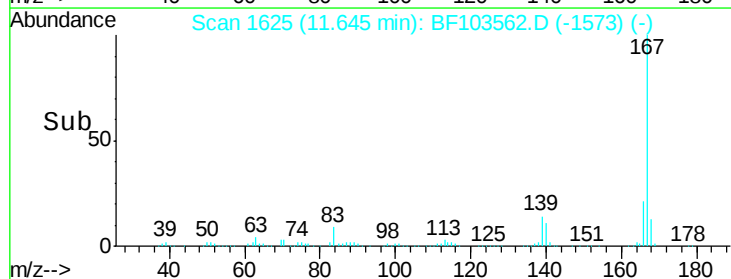
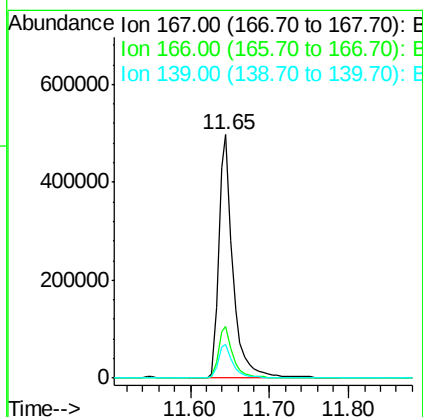
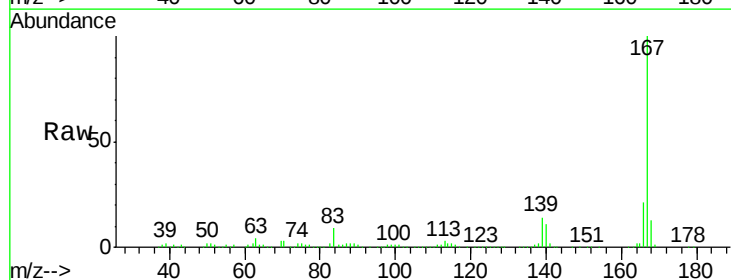
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 639067
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 33.351 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Tgt Ion:167 Resp: 614237
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 53.903 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

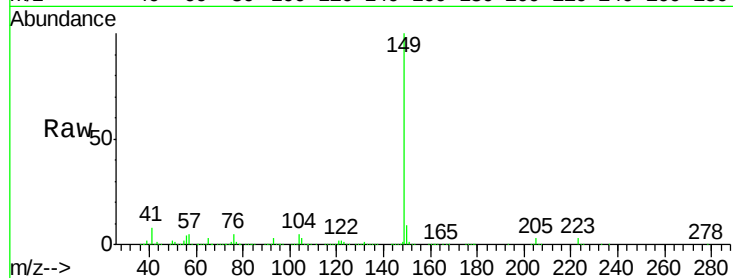
Tot Ion:149 Resp: 1242237

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

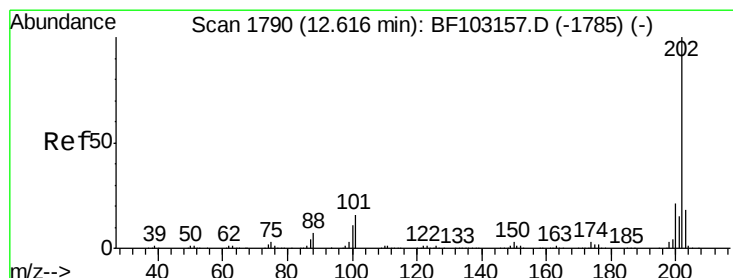
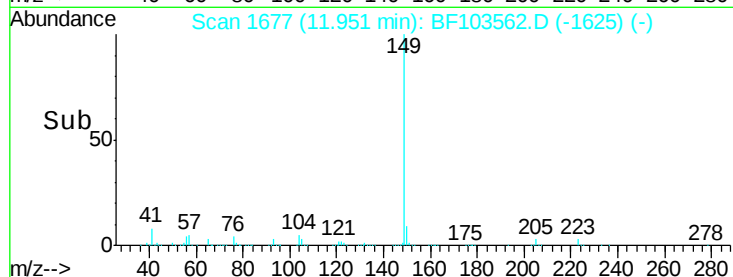
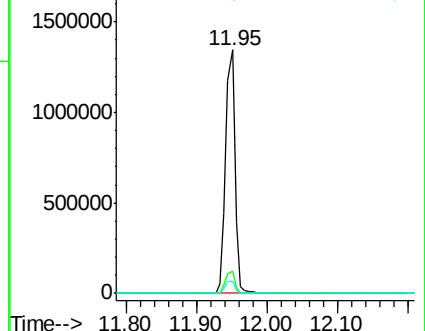
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.961 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

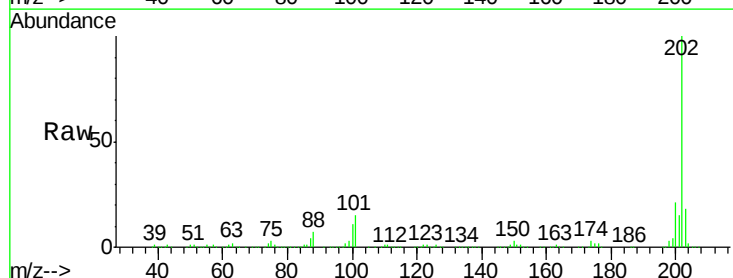
Tgt Ion:202 Resp: 543016

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.1

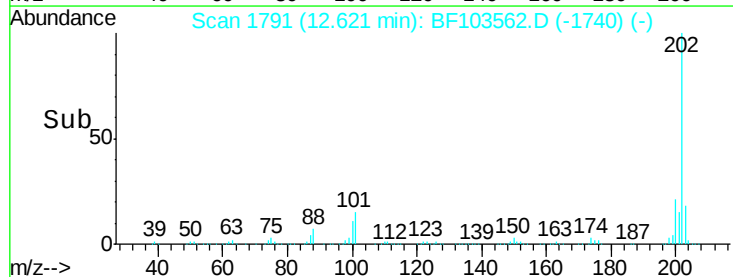
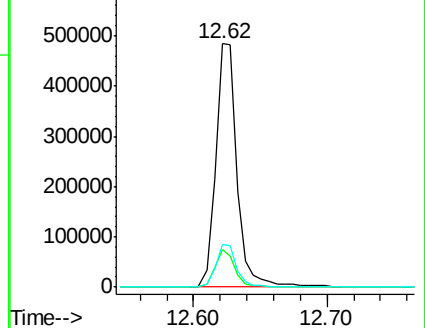
203 17.7 0.0 38.1

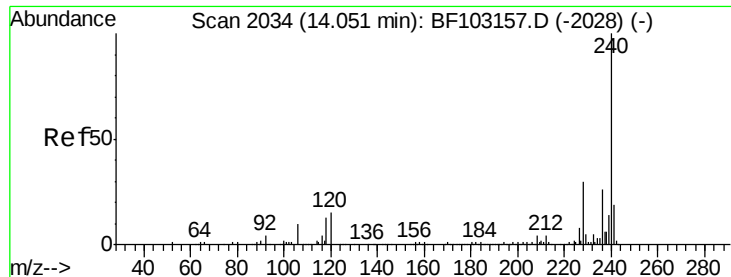


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

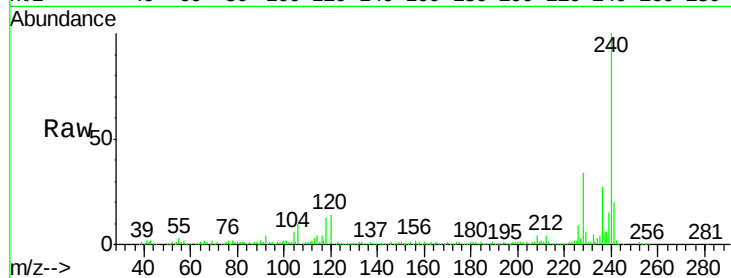
Tot Ion:240 Resp: 207486

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

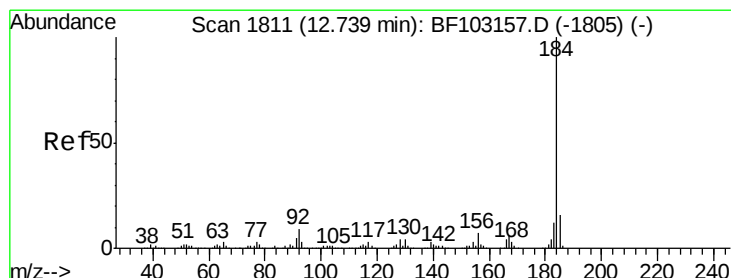
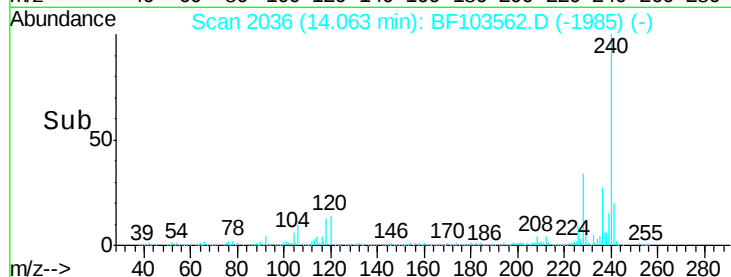
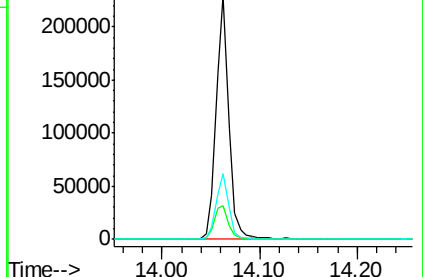
236 27.0 20.7 31.1



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: 21.210 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

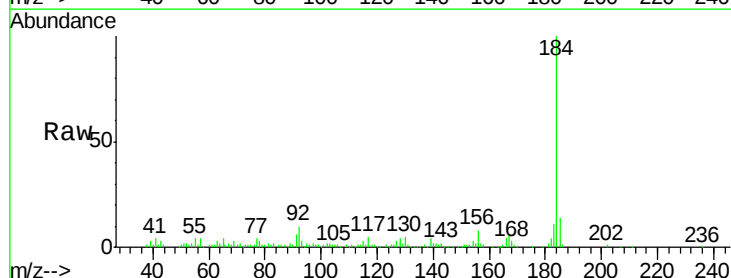
Tgt Ion:184 Resp: 164522

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

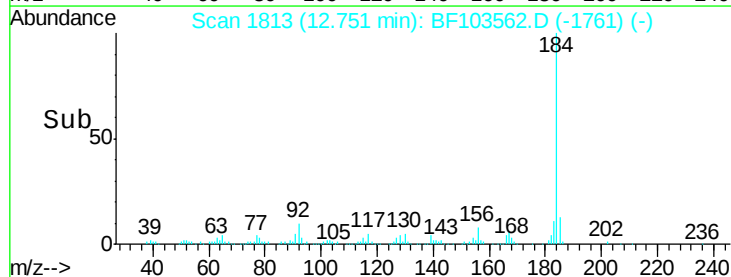
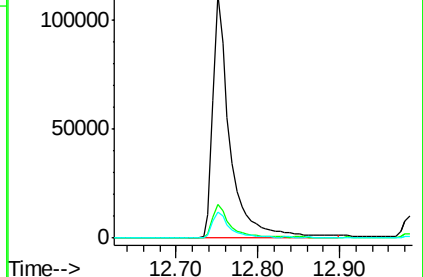
183 10.6 9.3 13.9



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

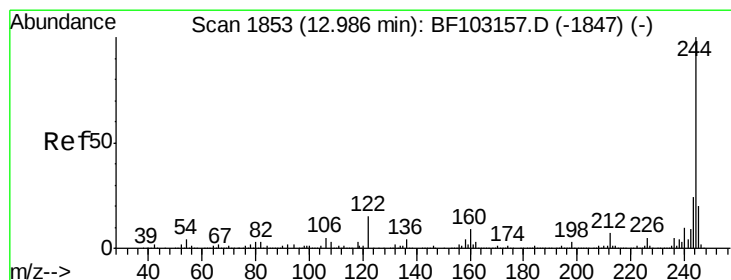
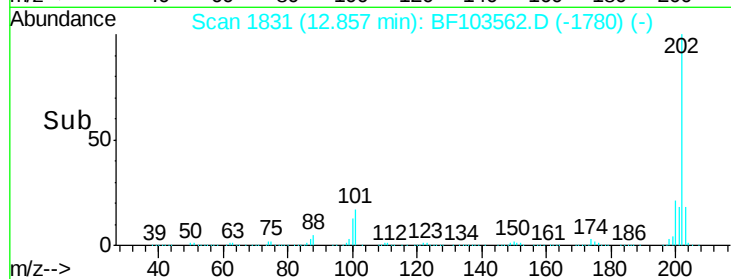
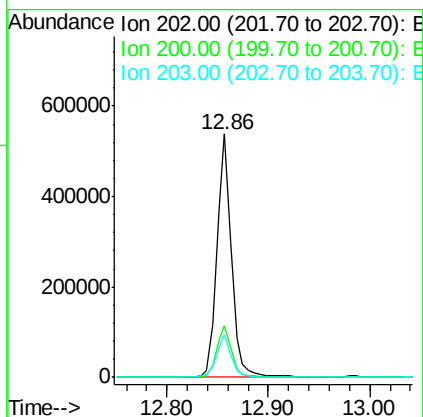
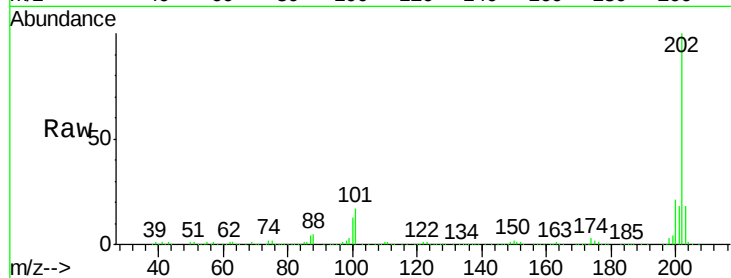




#77
Pvrene
Concen: 33.107 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

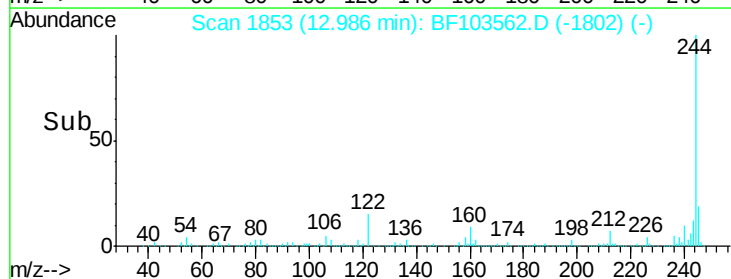
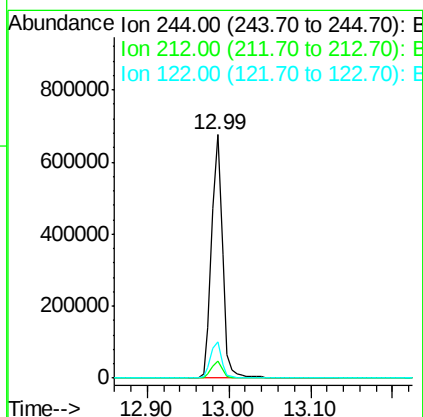
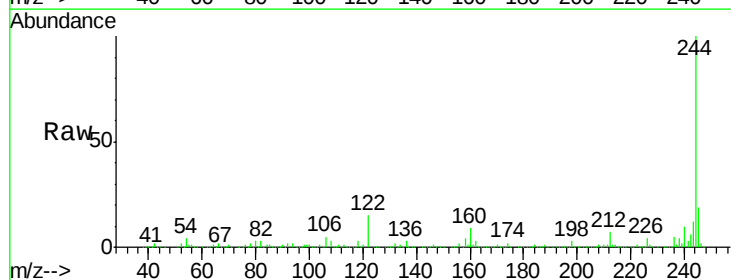
Instrument :
BNA_F
ClientSampleId :

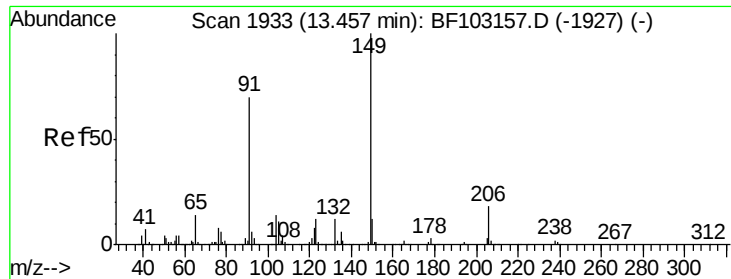
Tot Ion:202 Resp: 535560
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 73.225 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:244 Resp: 632031
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.8 11.0 16.4

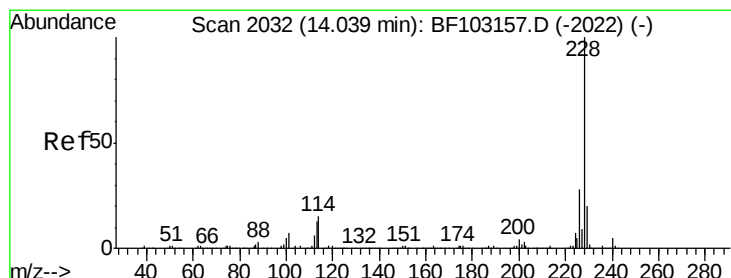
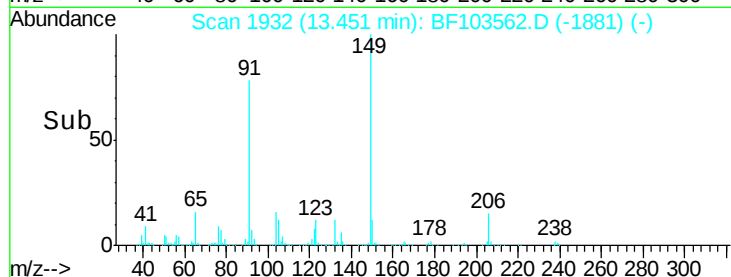
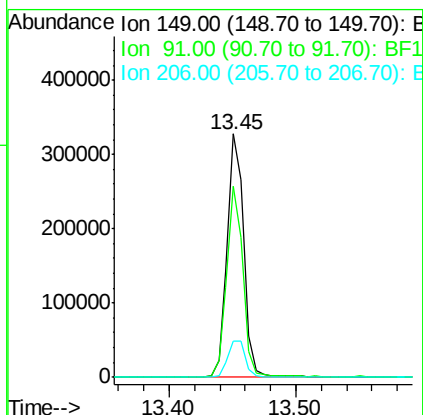
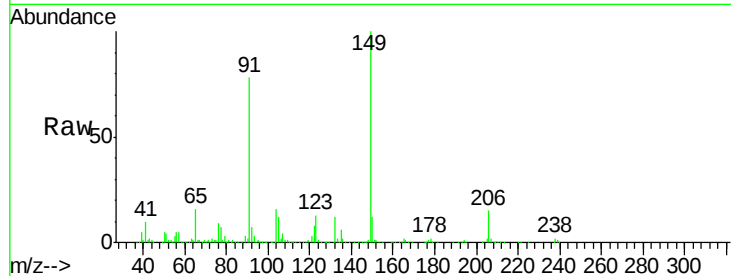




#79
Butylbenzylphthalate
Concen: 34.392 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

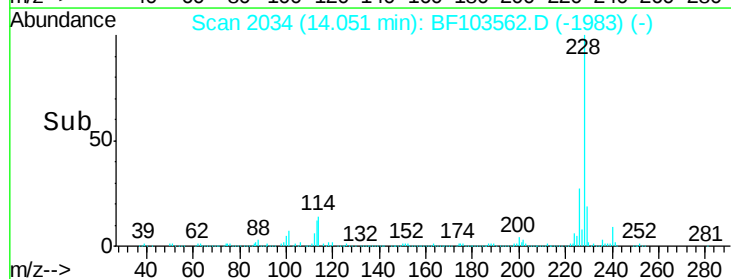
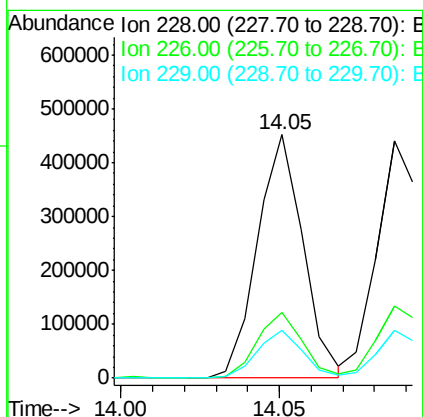
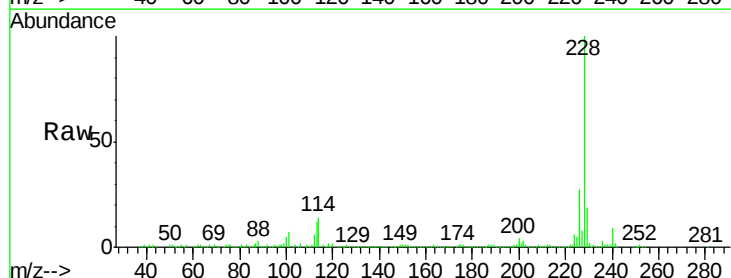
Instrument :
BNA_F
ClientSampleId :

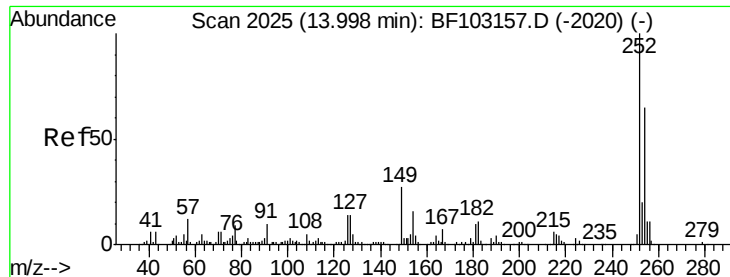
Tot Ion:149 Resp: 293943
Ion Ratio Lower Upper
149 100
91 78.5 56.8 85.2
206 15.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 33.659 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:228 Resp: 453136
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 30.534 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

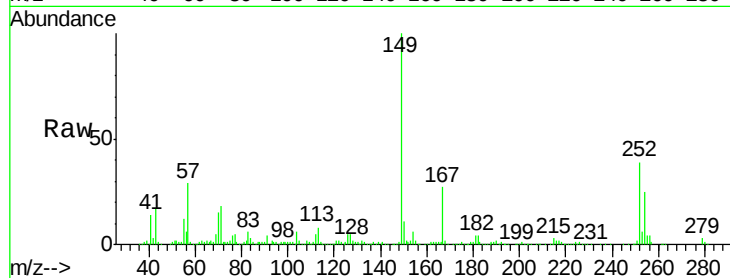
Tot Ion:252 Resp: 146699

Ion Ratio Lower Upper

252 100

254 63.9 50.4 75.6

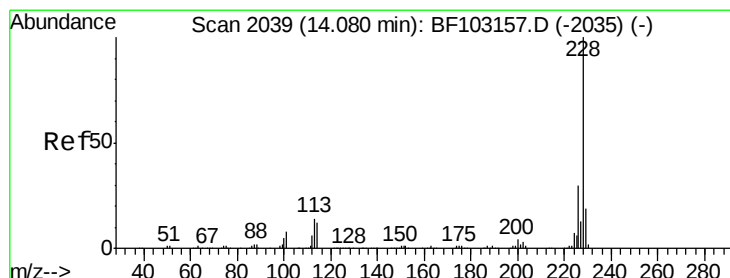
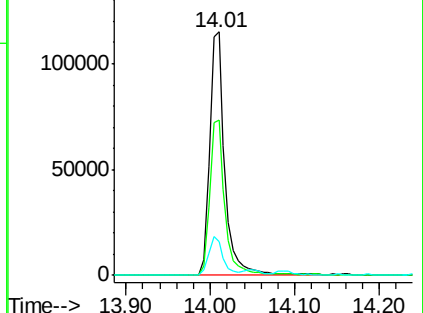
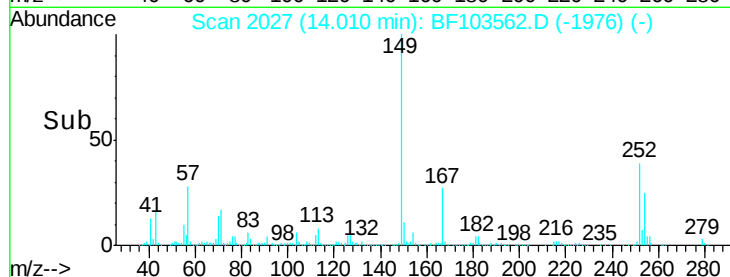
126 13.9 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.639 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

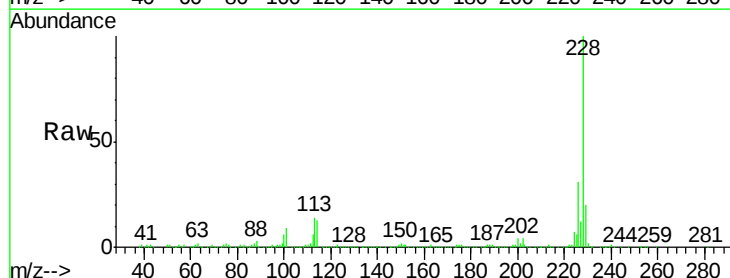
Tgt Ion:228 Resp: 452793

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

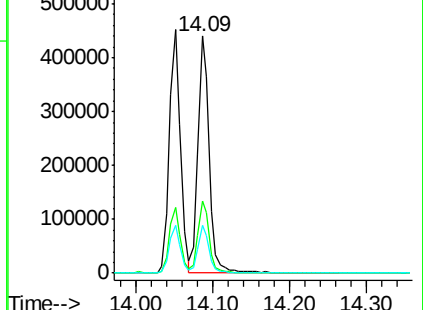
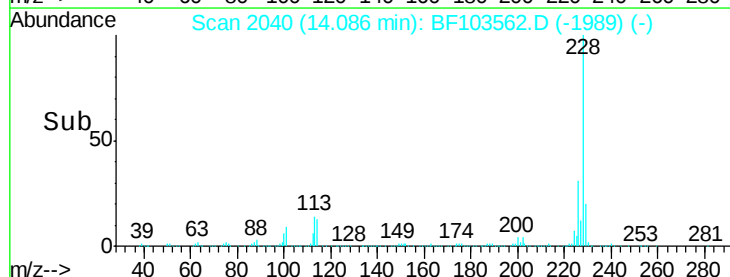
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

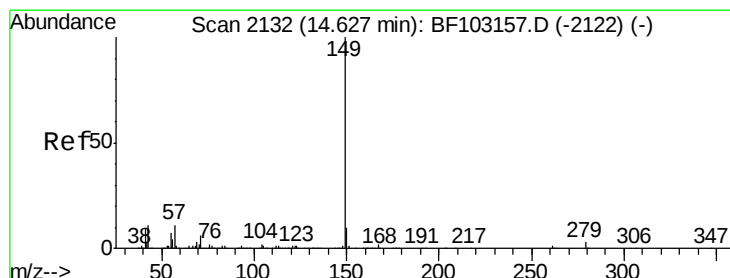
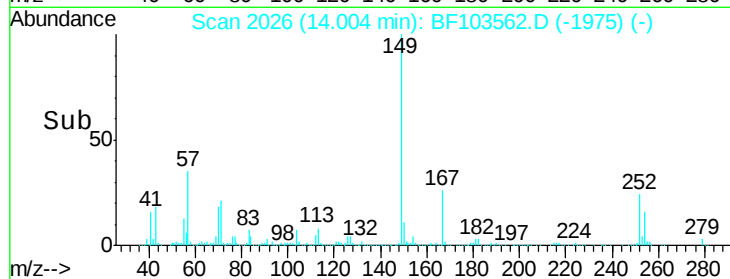
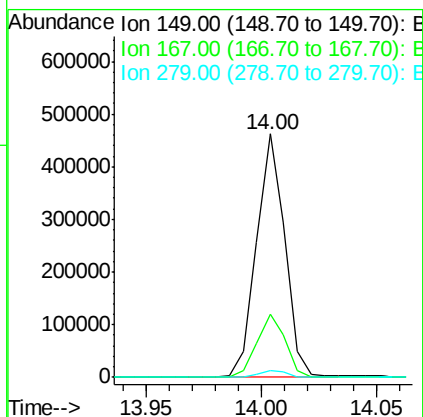
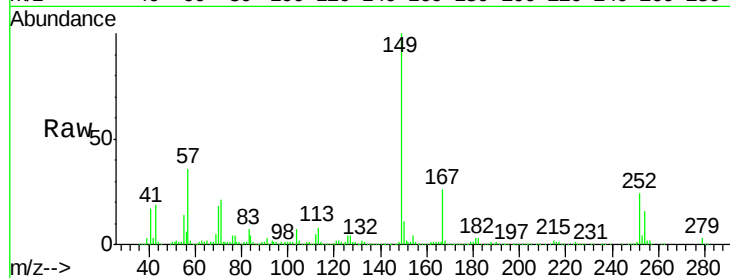




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.229 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

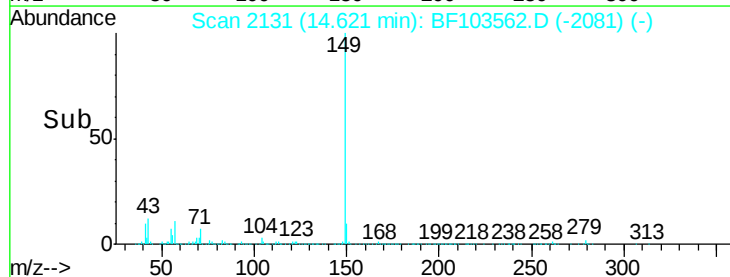
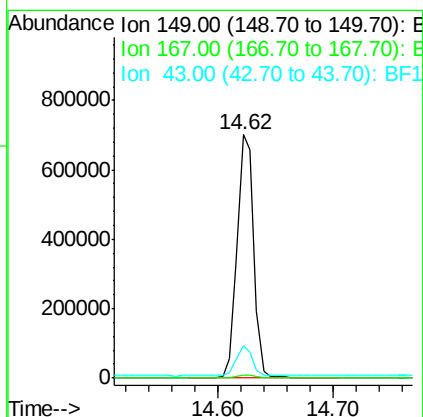
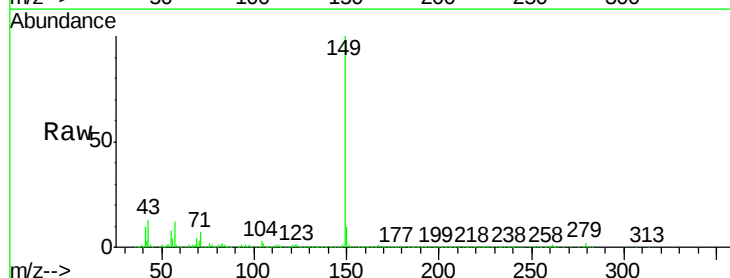
Instrument :
 BNA_F
 ClientSampleId :

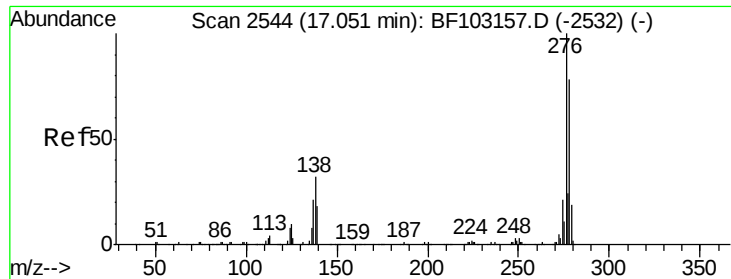
Tot Ion:149 Resp: 394792
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 37.234 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Tgt Ion:149 Resp: 693856
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.6 8.4 12.6

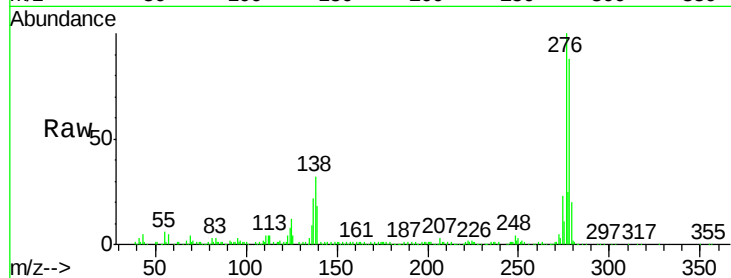




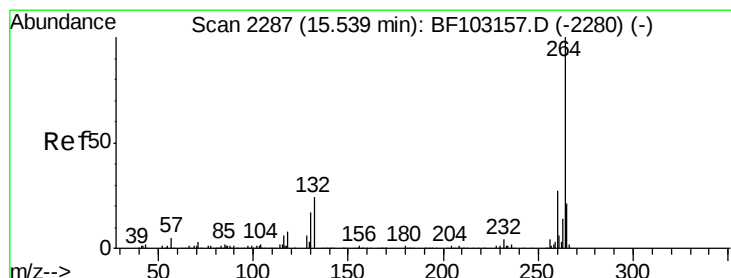
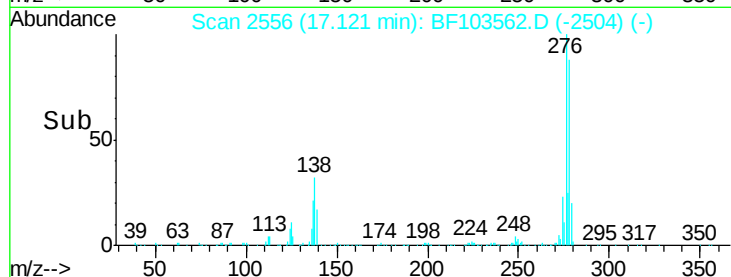
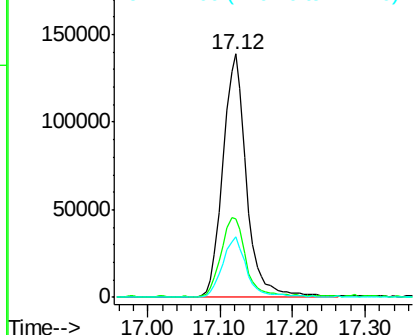
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.607 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 316734
 Ion Ratio Lower Upper
 276 100
 138 34.1 25.0 37.6
 277 25.5 20.1 30.1

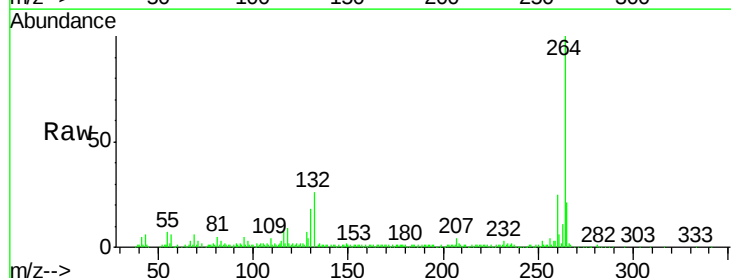


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

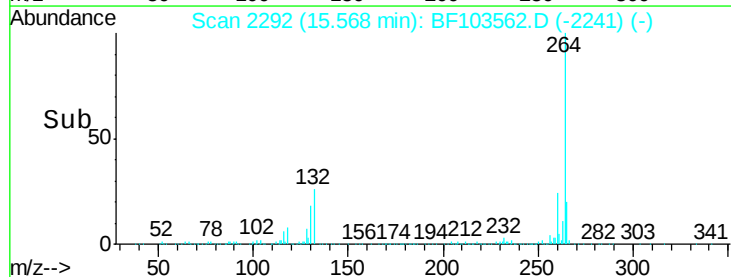
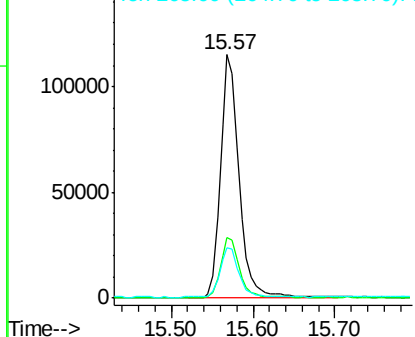


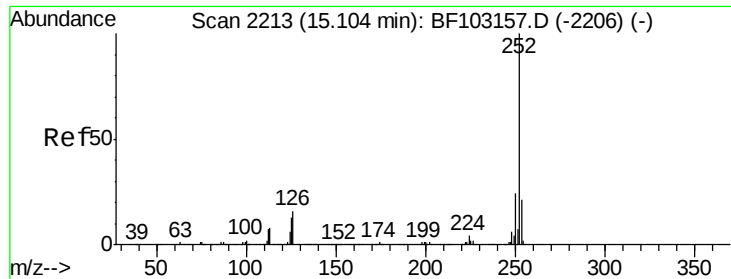
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Tgt Ion:264 Resp: 183744
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.9 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

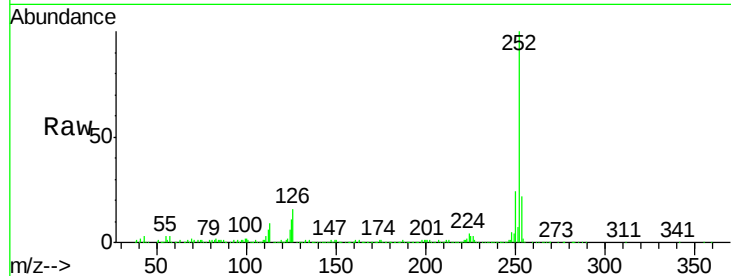




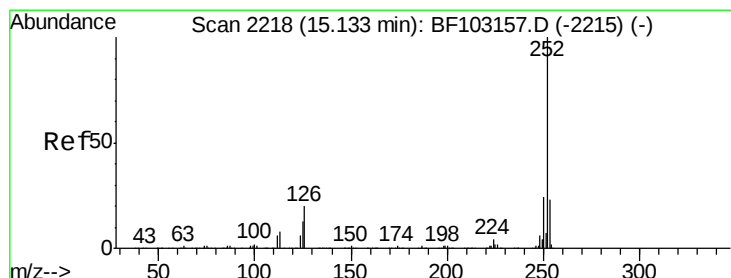
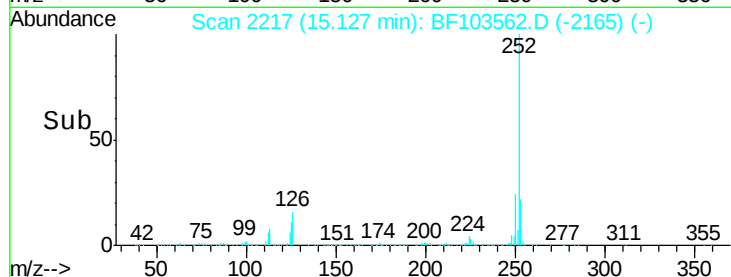
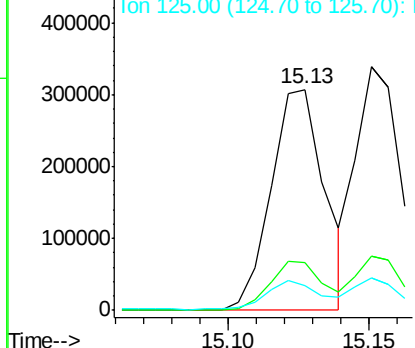
#87
Benzo(b)fluoranthene
Concen: 33.430 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 403867
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.4 9.0 13.6

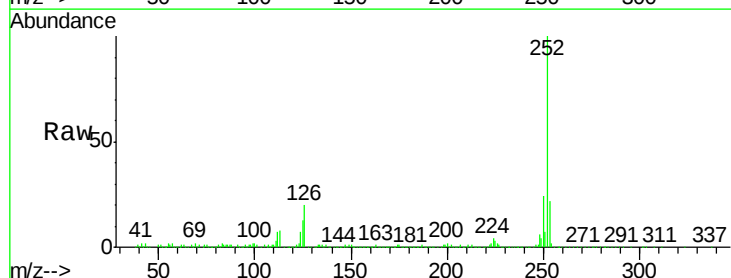


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

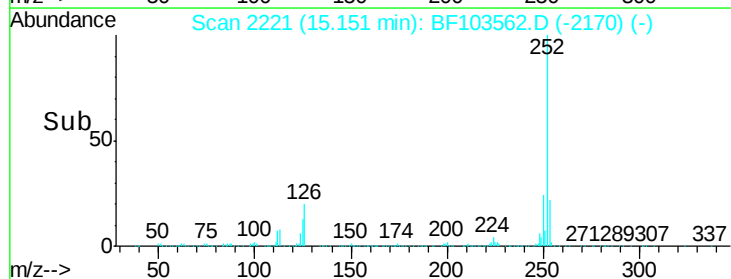
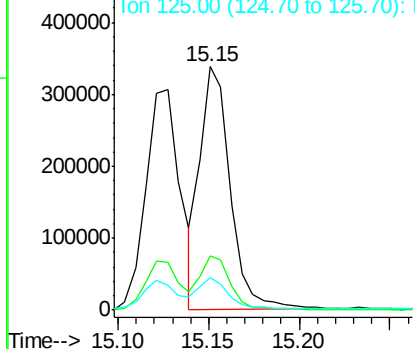


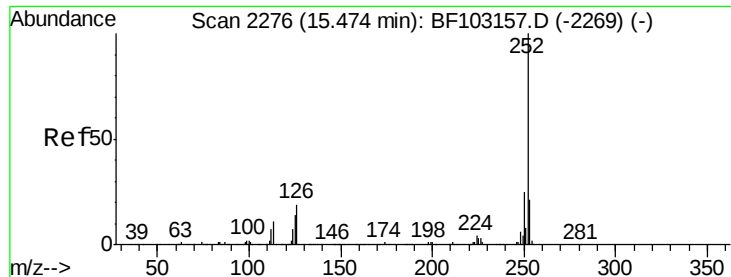
#88
Benzo(k)fluoranthene
Concen: 34.047 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103562.D
Acq: 9 Mar 2018 17:33

Tgt Ion:252 Resp: 387325
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.3 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: 33.669 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

Instrument :

BNA_F

ClientSampleId :

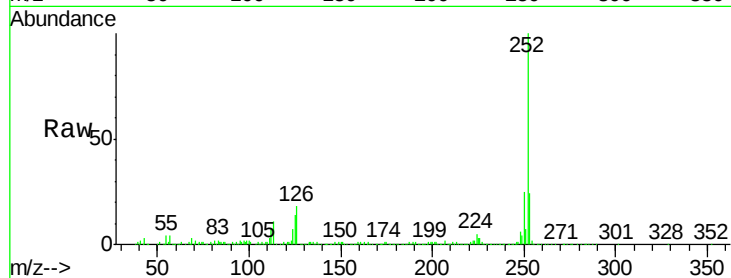
Tot Ion:252 Resp: 363230

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

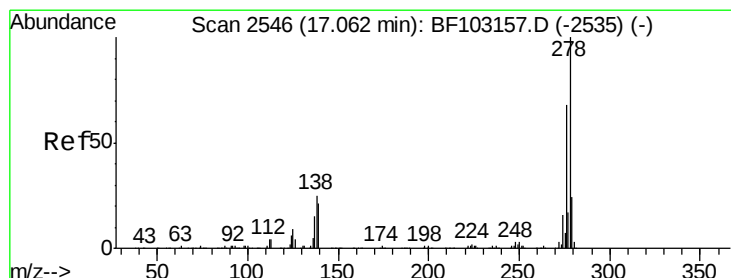
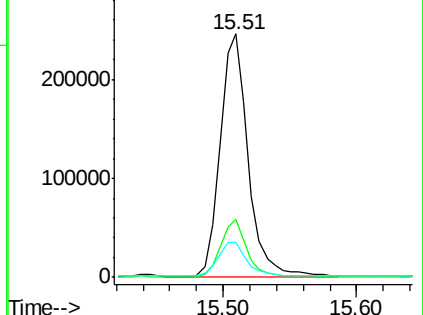
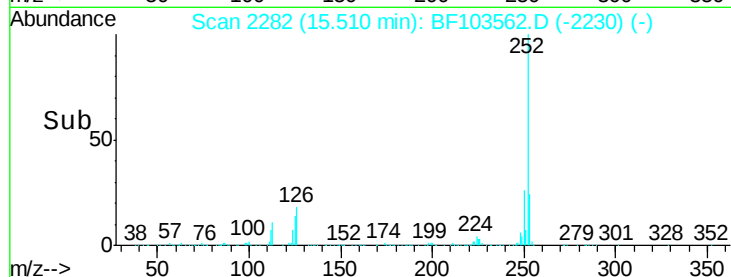
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.774 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF103562.D

Acq: 9 Mar 2018 17:33

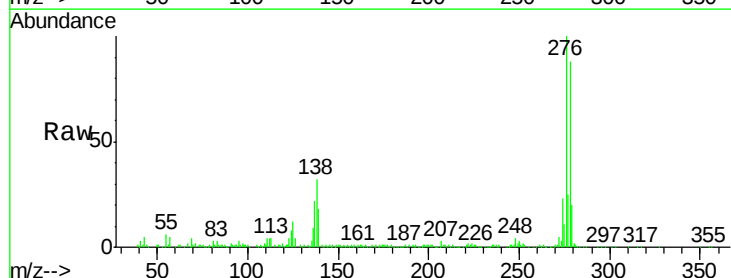
Tgt Ion:278 Resp: 273216

Ion Ratio Lower Upper

278 100

139 20.6 15.9 23.9

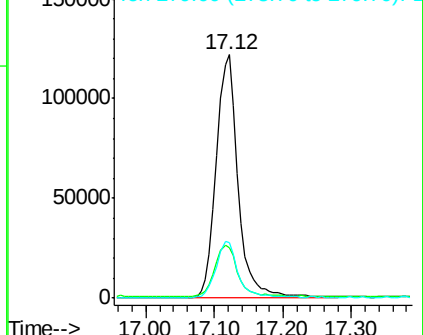
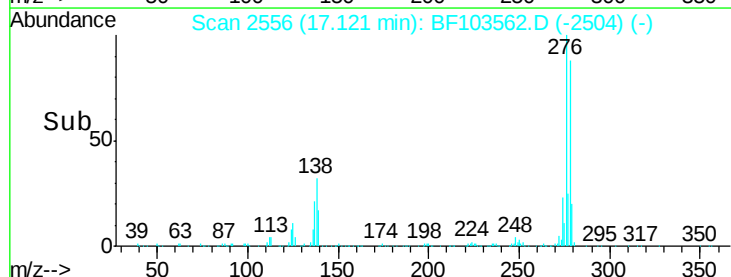
279 22.7 19.0 28.4

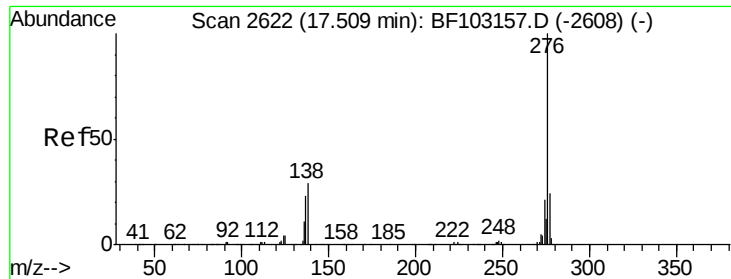


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

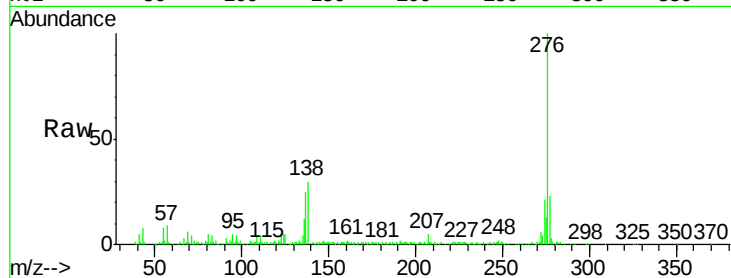




#91
 Benzo(a,h,i)perylene
 Concen: 30.821 ng
 RT: 17.59 min Scan# 2636
 Delta R.T. 0.01 min
 Lab File: BF103562.D
 Acq: 9 Mar 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	30.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

