

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103261.D
 Acq On : 27 Feb 2018 14:28
 Operator : SJ/JU
 Sample : J1702-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 16:53:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140386	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	599104	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	263980	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	427285	20.00	ng	0.00
75) Chrysene-d12	14.06	240	239621	20.00	ng	0.00
86) Perylene-d12	15.56	264	265808	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1124855	121.18	ng	0.02
7) Phenol-d6	6.52	99	1364641	120.15	ng	0.01
23) Nitrobenzene-d5	7.44	82	894854	85.30	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	260661	116.66	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1307673	85.42	ng	0.00
78) Terphenyl-d14	12.99	244	960033	96.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	167024	34.069	ng	91
3) Pyridine	3.48	79	451660	34.509	ng	97
4) n-Nitrosodimethylamine	3.42	42	228022	43.198	ng	99
6) Aniline	6.54	93	476819	29.088	ng	96
8) 2-Chlorophenol	6.66	128	390712	40.519	ng	96
9) Benzaldehyde	6.43	77	189472	24.560	ng	98
10) Phenol	6.53	94	517283	39.231	ng	91
11) bis(2-Chloroethyl)ether	6.61	93	403329	40.303	ng	94
12) 1,3-Dichlorobenzene	6.82	146	406109	36.854	ng	100
13) 1,4-Dichlorobenzene	6.89	146	413461	37.425	ng	99
14) 1,2-Dichlorobenzene	7.05	146	379294	37.233	ng	99
15) Benzyl Alcohol	7.02	79	340372	39.768	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	666988	38.812	ng	98
17) 2-Methylphenol	7.13	107	339260	38.715	ng	98
18) Hexachloroethane	7.38	117	150080	37.316	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	263369	37.257	ng	97
20) 3+4-Methylphenols	7.28	107	387237	36.252	ng	# 69
22) Acetophenone	7.29	105	519817	37.172	ng	# 92
24) Nitrobenzene	7.46	77	434103	37.584	ng	96
25) Isophorone	7.69	82	822246	39.796	ng	96
26) 2-Nitrophenol	7.77	139	225276	41.431	ng	98
27) 2,4-Dimethylphenol	7.81	122	354892	42.700	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	511013	42.067	ng	99
29) 2,4-Dichlorophenol	8.02	162	323502	40.655	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	315083	37.184	ng	98
31) Naphthalene	8.18	128	1112520	37.930	ng	100
32) Benzoic acid	7.81	122	354892	56.179	ng	# 15
33) 4-Chloroaniline	8.23	127	274410	21.681	ng	98
34) Hexachlorobutadiene	8.29	225	158885	36.007	ng	98
35) Caprolactam	8.60	113	81153	29.018	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	365423	40.715	ng	99
37) 2-Methylnaphthalene	8.87	142	724203	38.204	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	276135	38.263	ng	98
40) Hexachlorocyclopentadiene	9.02	237	125263	52.658	ng	98

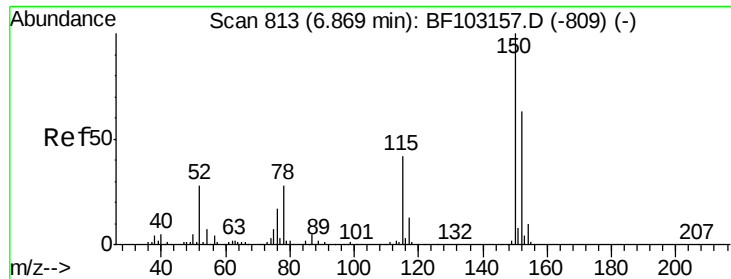
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103261.D
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 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	195364	40.232	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	210866	37.756	nq	96
45) 1,1'-Biphenyl	9.33	154	825200	37.305	nq	99
46) 2-Chloronaphthalene	9.36	162	663846	37.934	nq	98
47) 2-Nitroaniline	9.46	65	258553	39.886	nq	94
48) Acenaphthylene	9.78	152	997571	37.049	nq	99
49) Dimethylphthalate	9.63	163	934214	44.115	nq	100
50) 2,6-Dinitrotoluene	9.70	165	178651	40.200	nq	94
51) Acenaphthene	9.95	154	570828	36.357	nq	99
52) 3-Nitroaniline	9.87	138	173592	30.788	nq	94
53) 2,4-Dinitrophenol	9.99	184	67414	46.567	nq	# 17
54) Dibenzofuran	10.12	168	852804	39.568	nq	97
55) 4-Nitrophenol	10.05	139	246257	70.471	nq	97
56) 2,4-Dinitrotoluene	10.11	165	223816	39.821	nq	95
57) Fluorene	10.46	166	668516	36.411	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	151491	40.378	nq	96
59) Diethylphthalate	10.33	149	762455	37.645	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	296671	38.103	nq	98
61) 4-Nitroaniline	10.49	138	199738	35.467	nq	92
62) Azobenzene	10.62	77	781883	37.926	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	84679	34.160	nq	95
65) n-Nitrosodiphenylamine	10.57	169	601053	40.400	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	178277	40.053	nq	92
67) Hexachlorobenzene	11.02	284	181314	37.530	nq	94
68) Atrazine	11.10	200	182133	40.730	nq	98
69) Pentachlorophenol	11.21	266	145696	62.371	nq	99
70) Phenanthrene	11.43	178	920819	39.159	nq	99
71) Anthracene	11.48	178	927182	38.452	nq	100
72) Carbazole	11.64	167	858417	35.749	nq	100
73) Di-n-butylphthalate	11.96	149	1160551	38.625	nq	99
74) Fluoranthene	12.62	202	875278	37.041	nq	98
76) Benzidine	12.74	184	421133	47.010	nq	98
77) Pyrene	12.85	202	871702	46.659	nq	100
79) Butylbenzylphthalate	13.46	149	424148	42.971	nq	99
80) Benzo(a)anthracene	14.04	228	663901	42.701	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	199686	35.989	nq	99
82) Chrysene	14.08	228	624444	41.364	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	570986	42.867	nq	99
84) Di-n-octyl phthalate	14.64	149	919749	42.737	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	692270	57.924	nq	99
87) Benzo(b)fluoranthene	15.12	252	685658	39.233	nq	98
88) Benzo(k)fluoranthene	15.15	252	588850	35.781	nq	99
89) Benzo(a)pyrene	15.50	252	642758	41.185	nq	# 96
90) Dibenzo(a,h)anthracene	17.10	278	561156	46.532	nq	99
91) Benzo(g,h,i)perylene	17.55	276	584407	49.584	nq	98

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

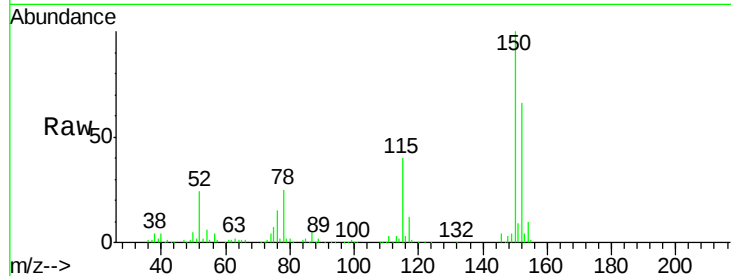


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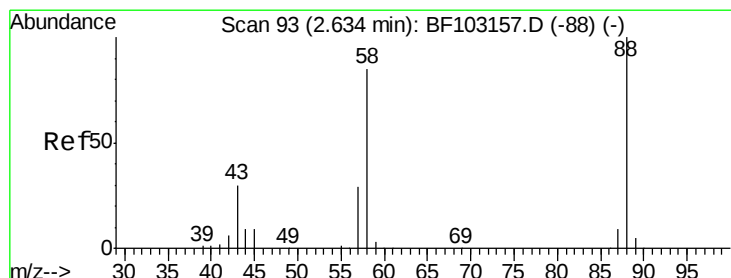
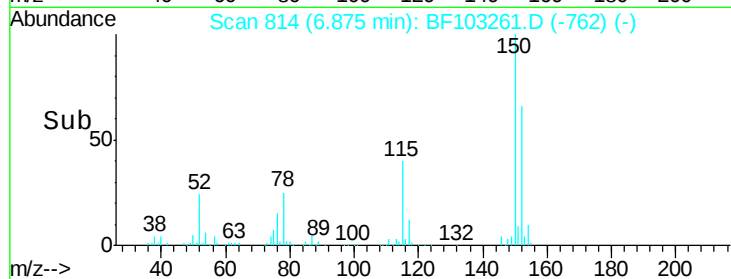
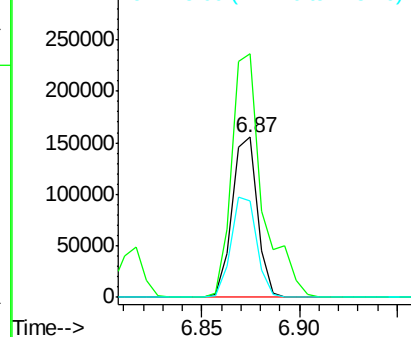
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	60.2	50.1	75.1



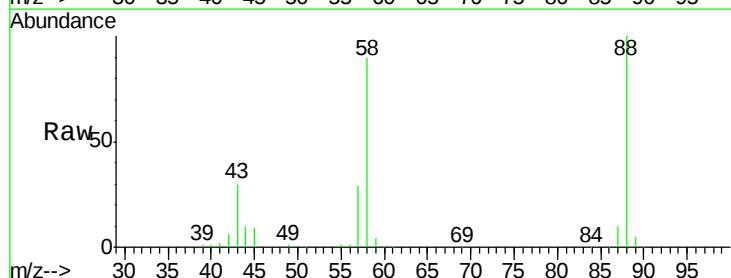
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



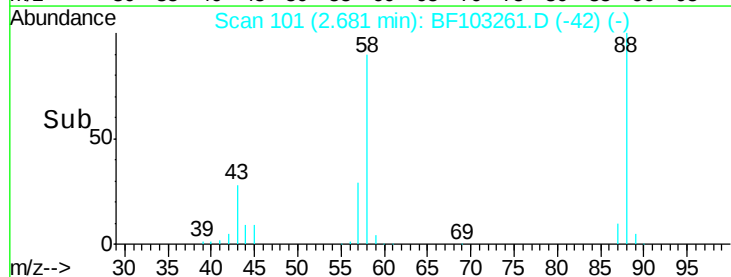
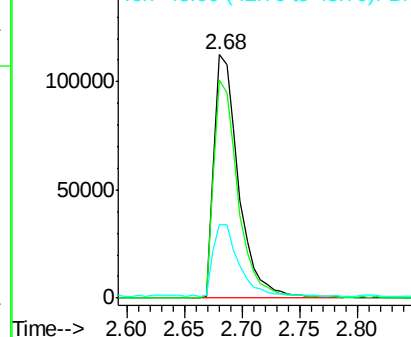
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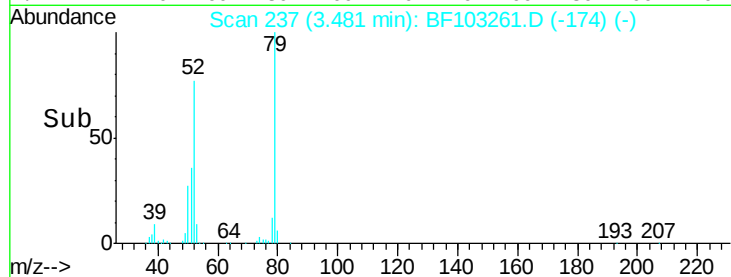
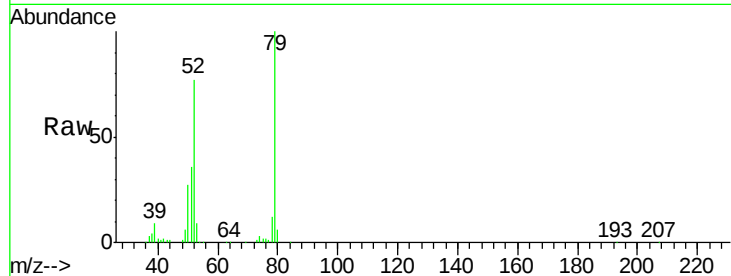
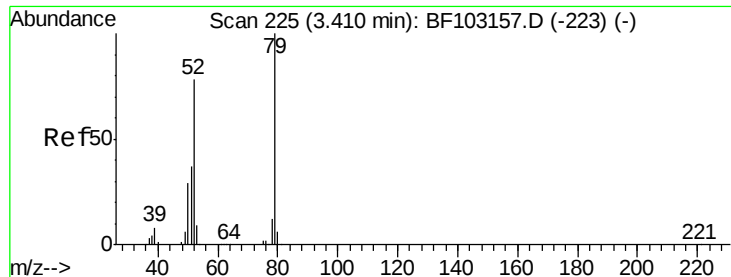
1,4-Dioxane
Concen: 34.069 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	62.6	93.8
43	30.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

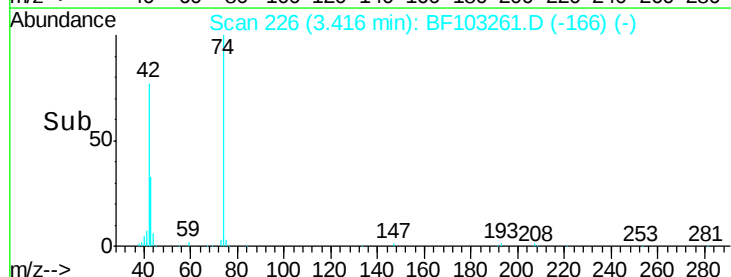
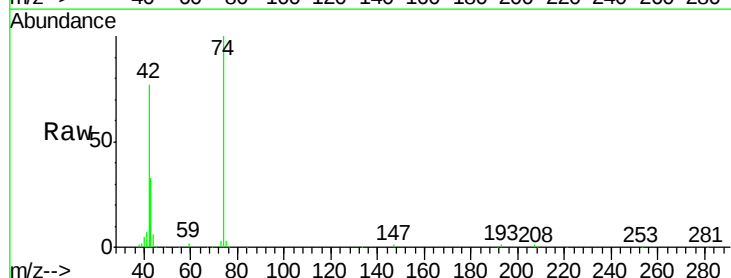
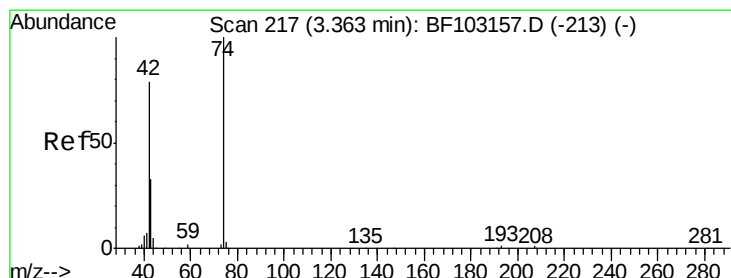
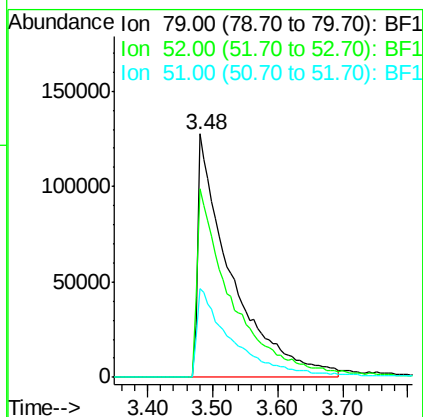




#3
 Pvridine
 Concen: 34.509 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.07 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

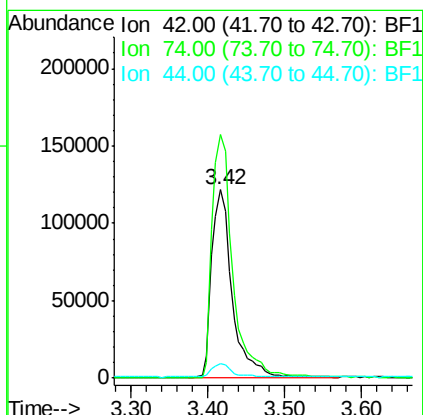
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.3	59.8	89.6
51	36.2	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 43.198 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.05 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.5	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 121.185 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :
BNA_F
ClientSampled :

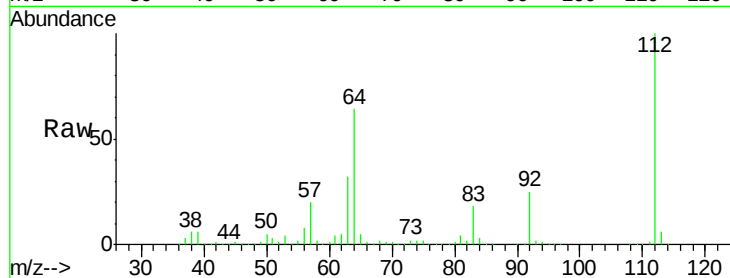
Tot Ion:112 Resp: 1124855

Ion Ratio Lower Upper

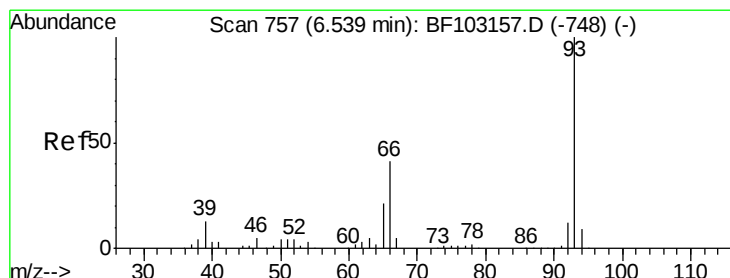
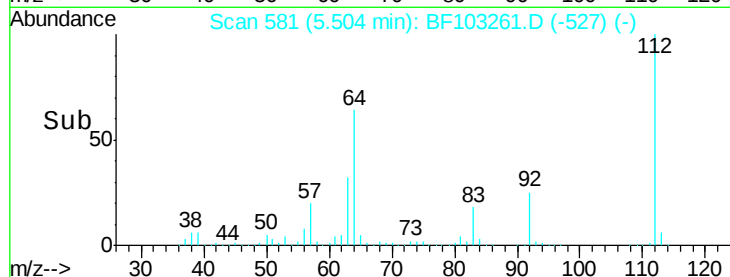
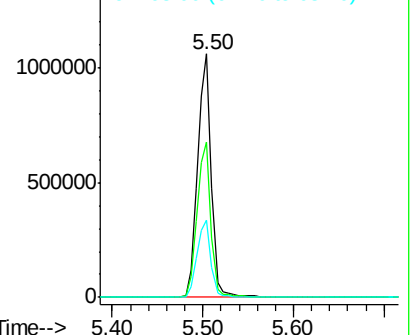
112 100

64 63.9 47.9 71.9

63 31.8 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: 29.088 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

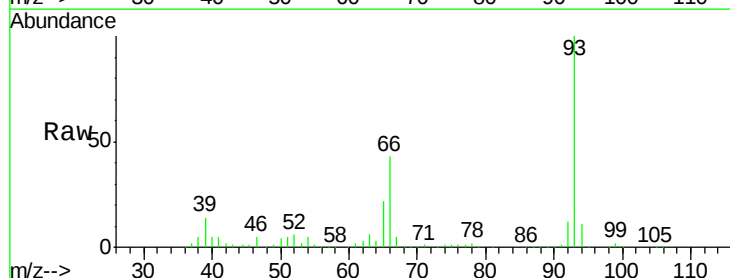
Tgt Ion: 93 Resp: 476819

Ion Ratio Lower Upper

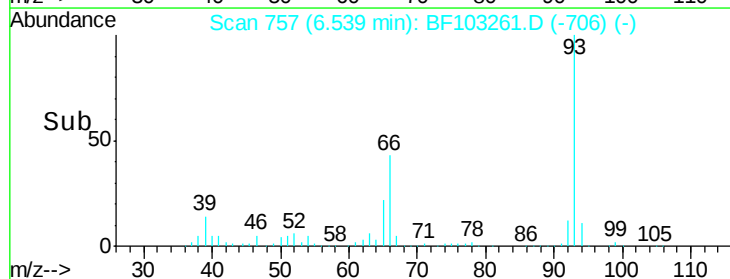
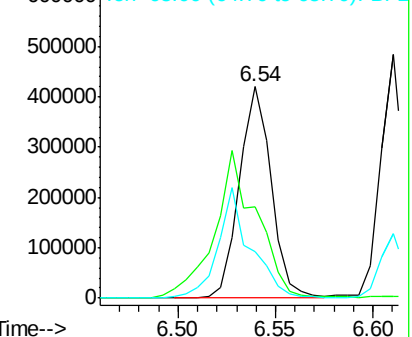
93 100

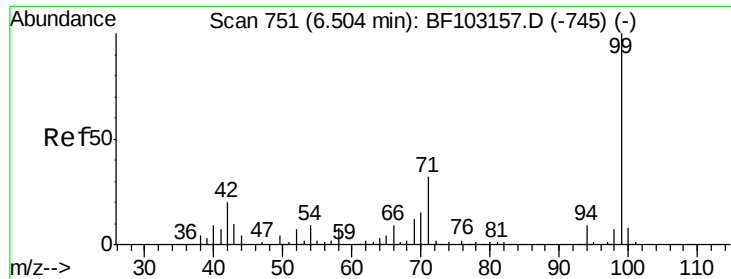
66 43.1 32.2 48.2

65 21.9 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: 120.147 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

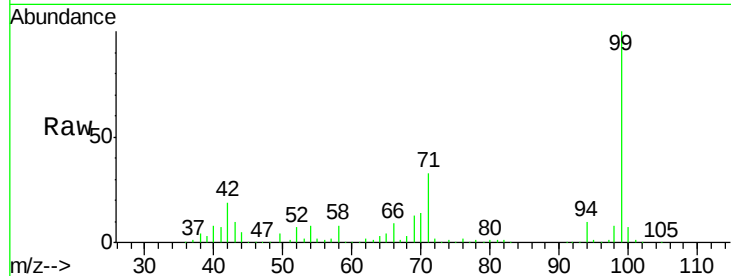
Tot Ion: 99 Resp: 1364641

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

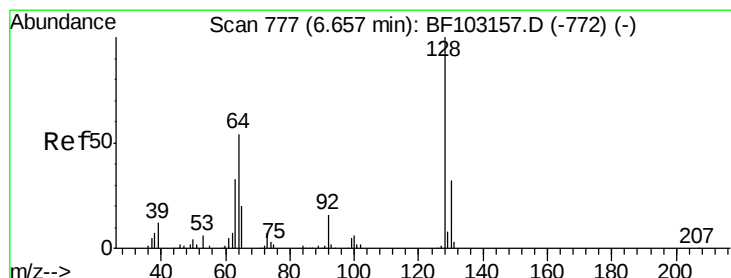
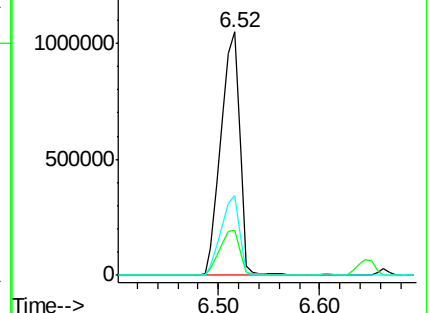
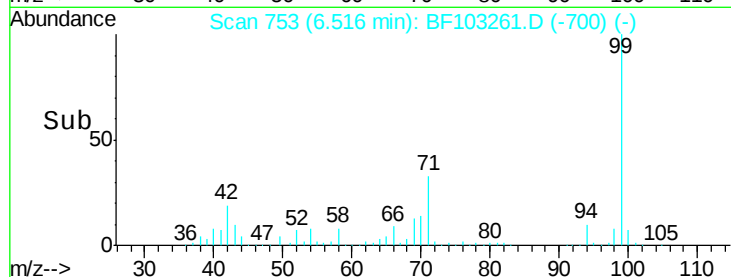
71 32.6 25.4 38.0



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: 40.519 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

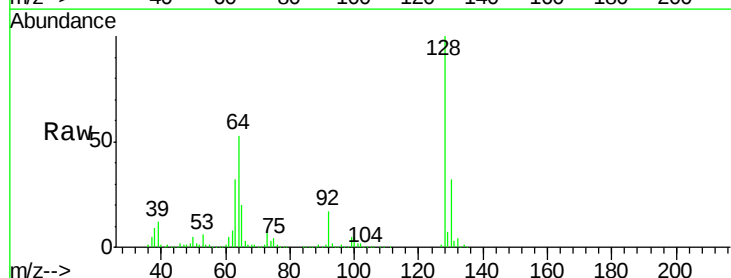
Tgt Ion:128 Resp: 390712

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

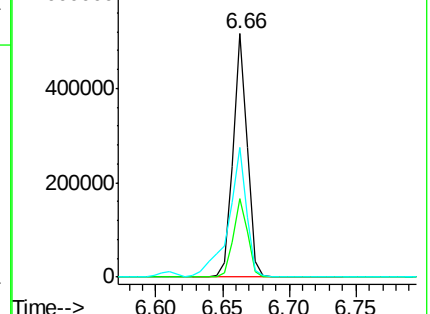
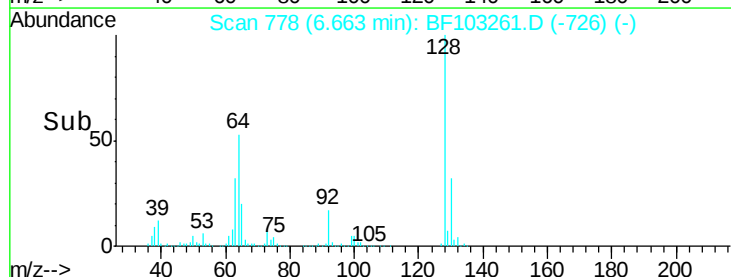
64 53.1 29.4 69.4

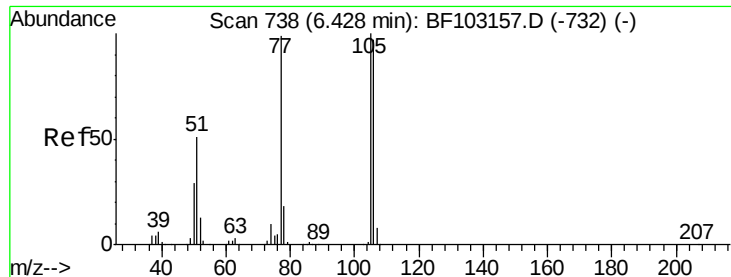


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.560 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

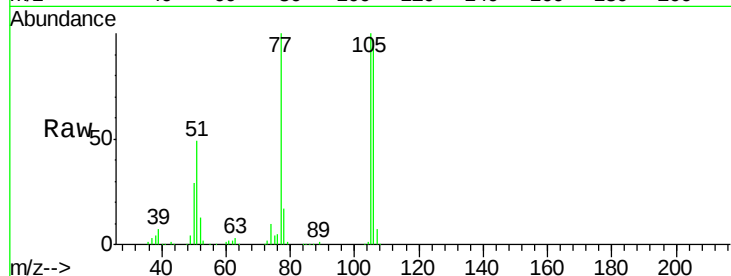
Tot Ion: 77 Resp: 189472

Ion Ratio Lower Upper

77 100

105 100.4 81.1 121.1

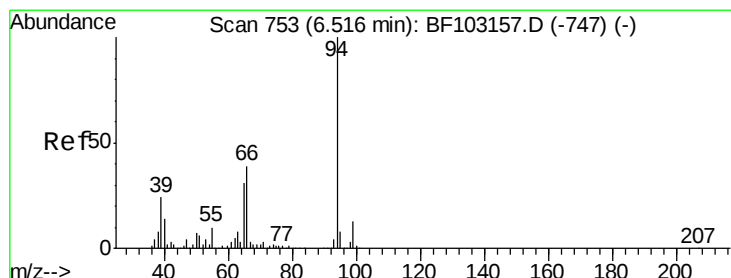
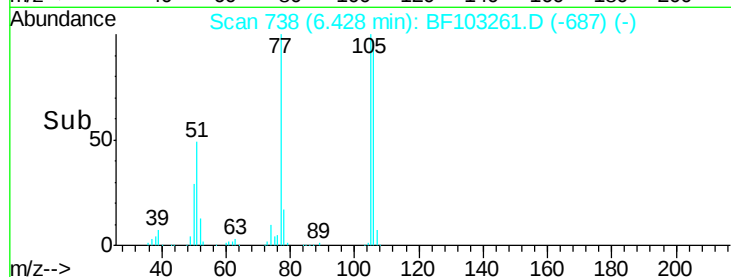
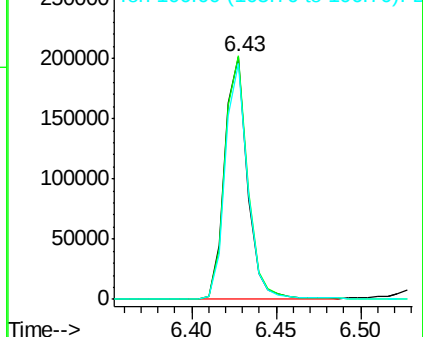
106 97.2 74.5 114.5



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: 39.231 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

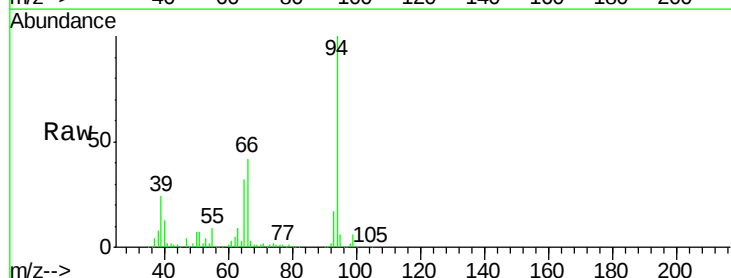
Tgt Ion: 94 Resp: 517283

Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

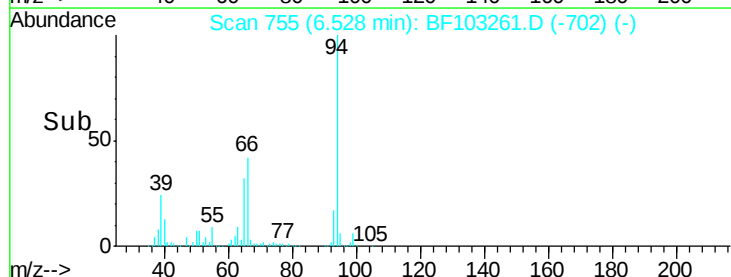
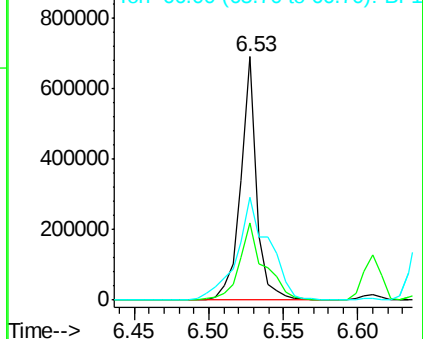
66 42.4 16.2 56.2

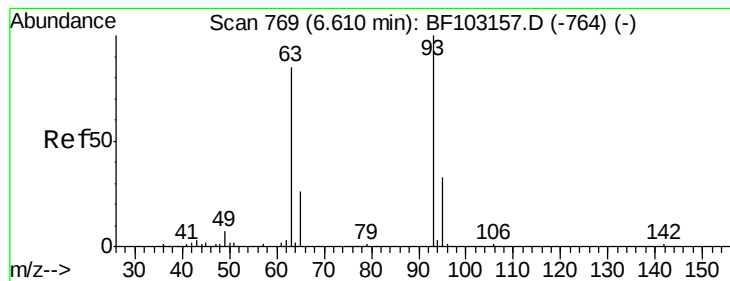


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

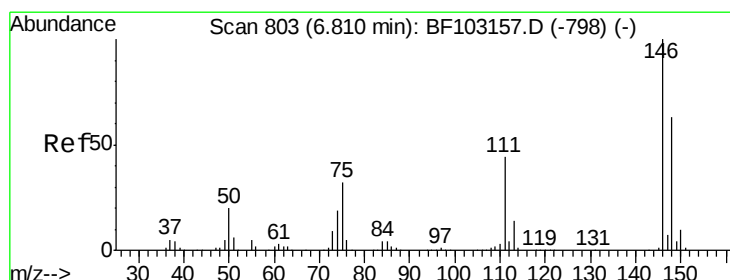
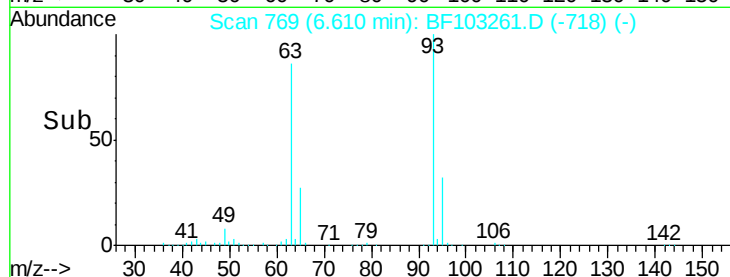
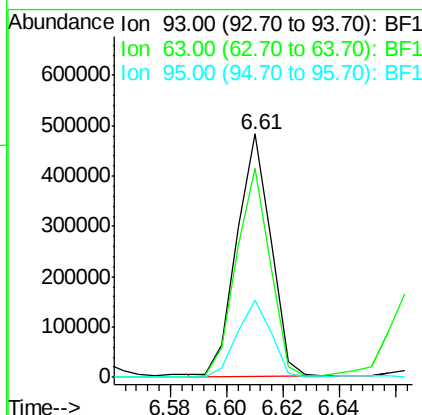
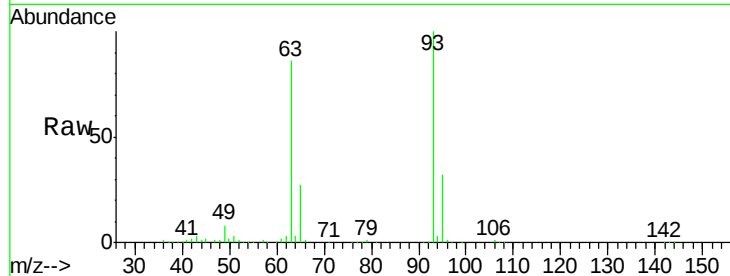




#11
 bis(2-Chloroethyl)ether
 Concen: 40.303 ng
 RT: 6.61 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

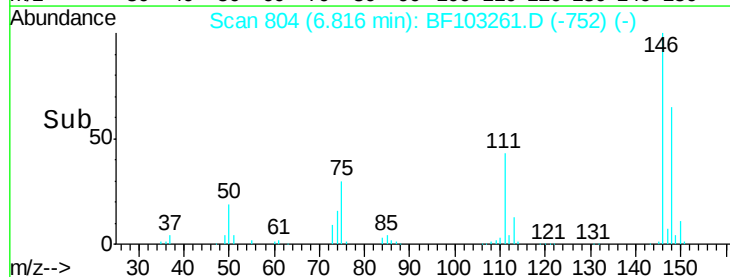
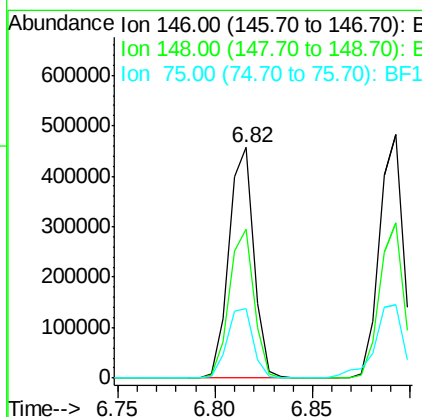
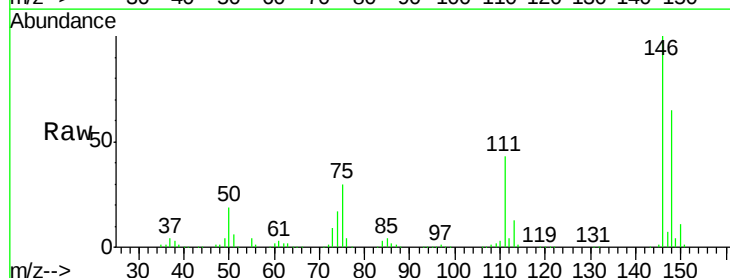
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 403329
 Ion Ratio Lower Upper
 93 100
 63 85.8 58.6 98.6
 95 31.8 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 36.854 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion: 146 Resp: 406109
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.8
 75 30.1 24.2 36.4

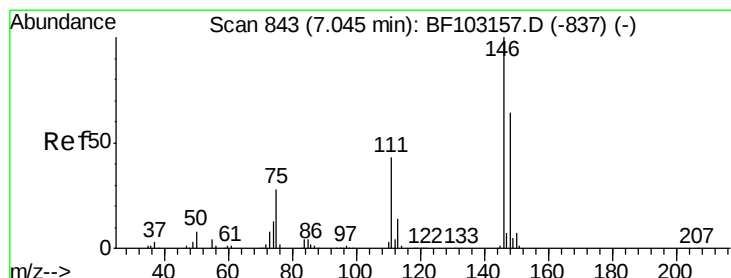
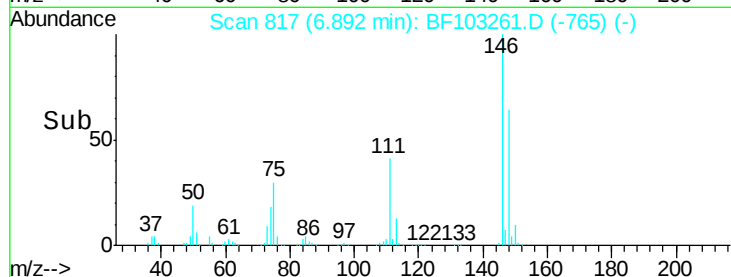
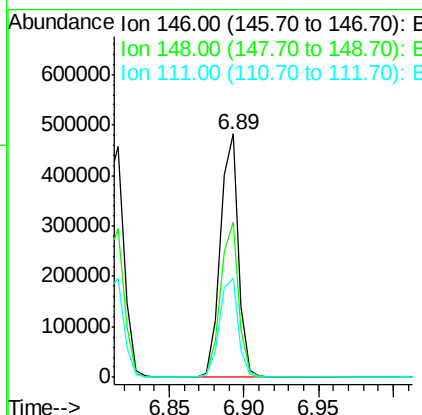
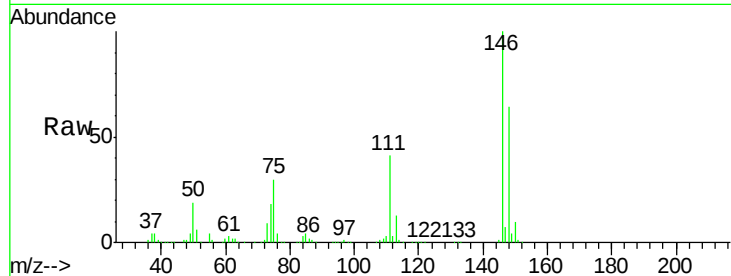




#13
 1,4-Dichlorobenzene
 Concen: 37.425 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

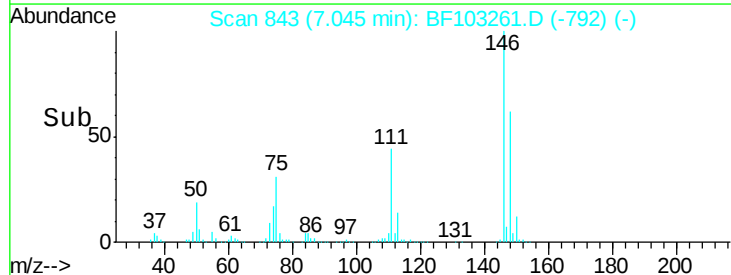
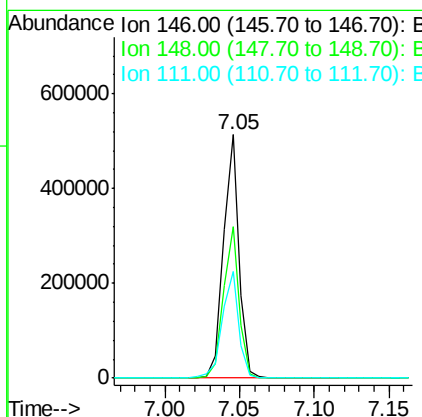
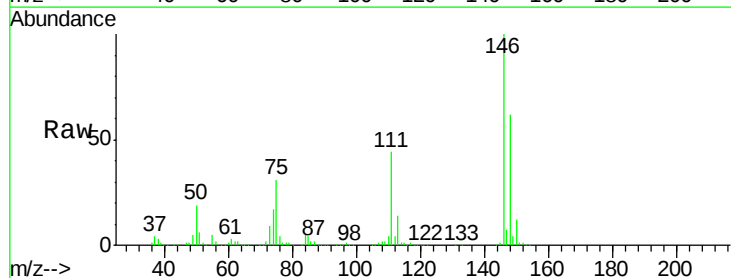
Instrument :
 BNA_F
 ClientSampleId :

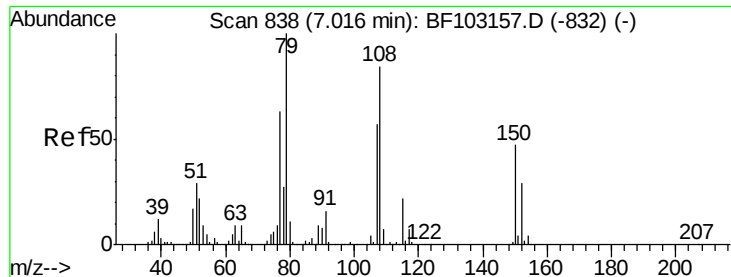
Tot Ion:146 Resp: 413461
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 40.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.233 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion:146 Resp: 379294
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.6 75.8
 111 43.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.768 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampled :

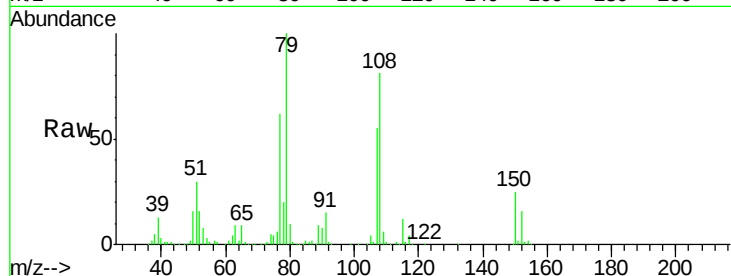
Tot Ion: 79 Resp: 340372

Ion Ratio Lower Upper

79 100

108 81.0 65.1 97.7

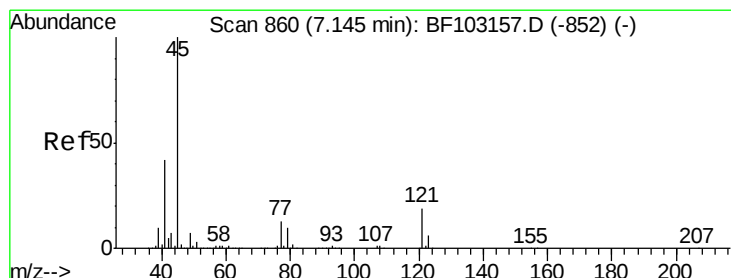
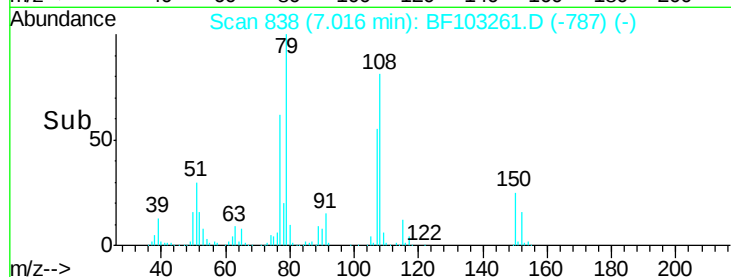
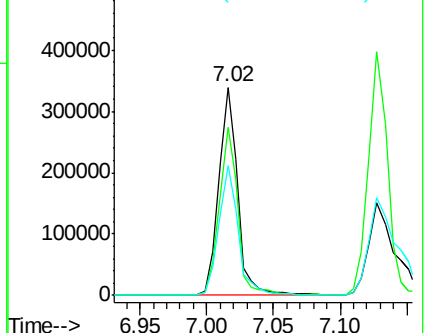
77 62.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.812 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

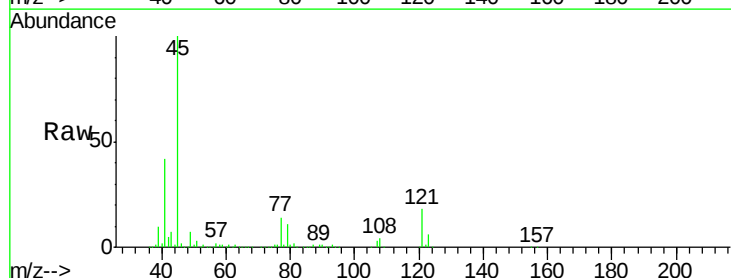
Tgt Ion: 45 Resp: 666988

Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.9

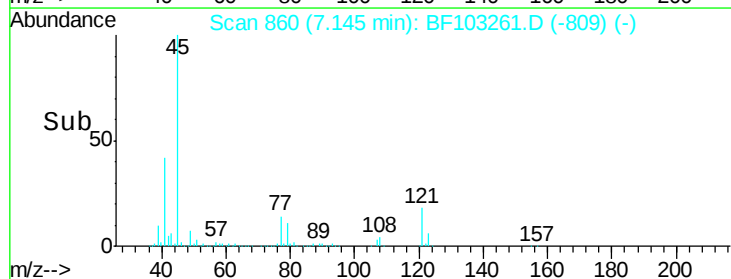
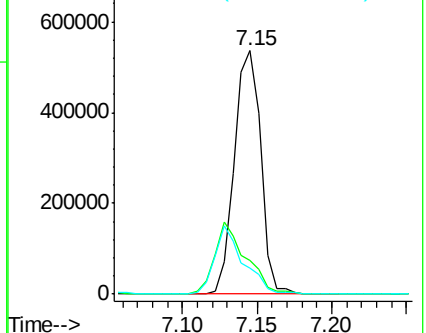
79 10.8 0.0 29.6

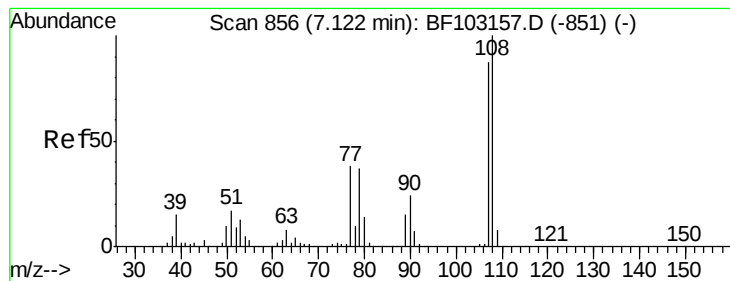


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.715 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 339260

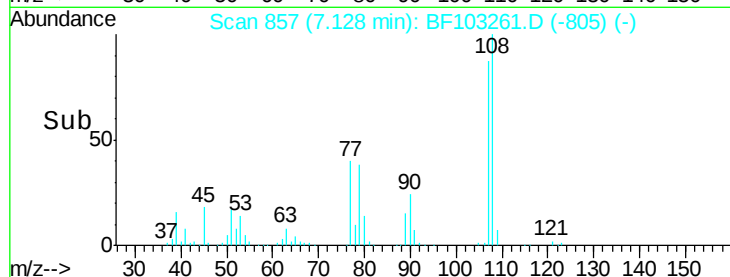
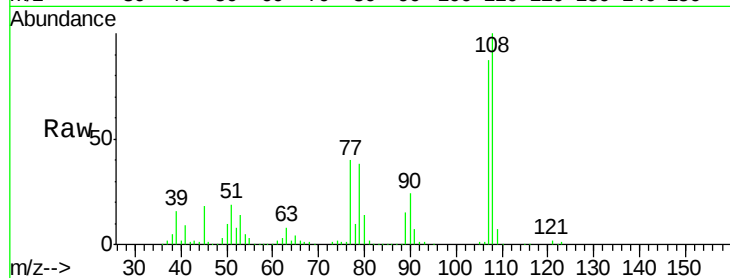
Ion Ratio Lower Upper

107 100

108 114.7 91.7 137.5

77 45.8 33.8 50.8

79 43.5 33.8 50.8

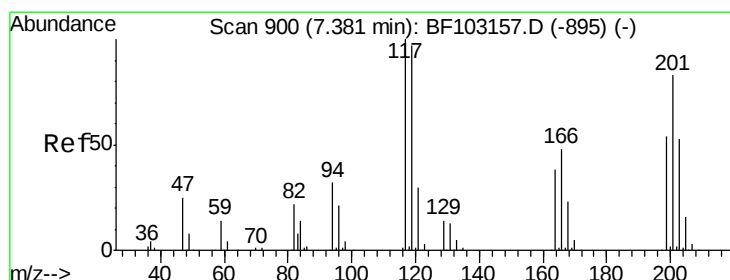
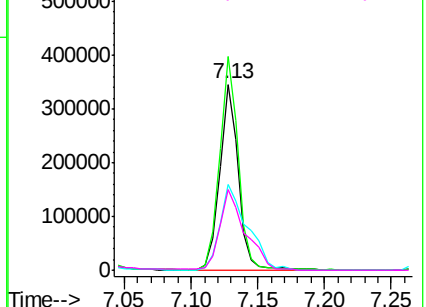


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.316 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

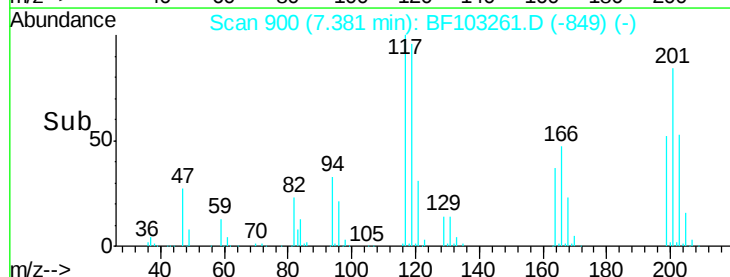
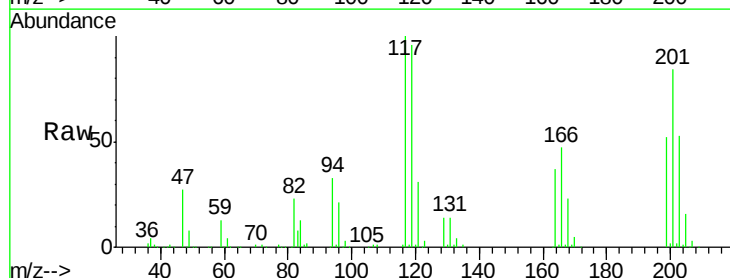
Tgt Ion:117 Resp: 150080

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

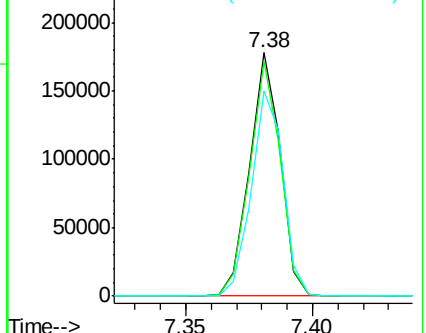
201 84.1 75.7 113.5



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

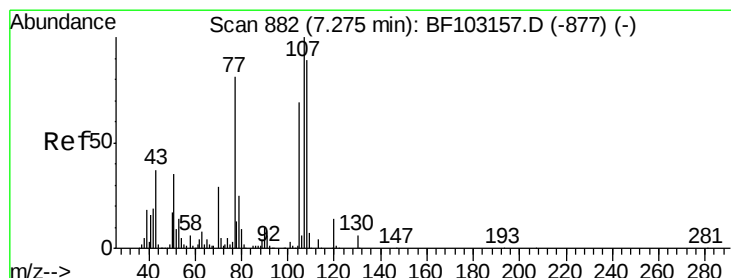
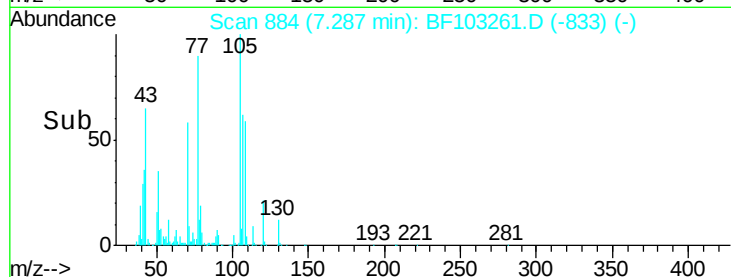
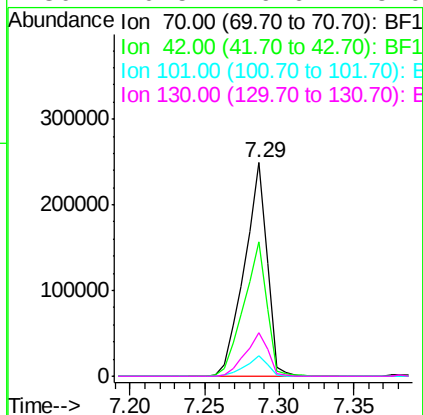
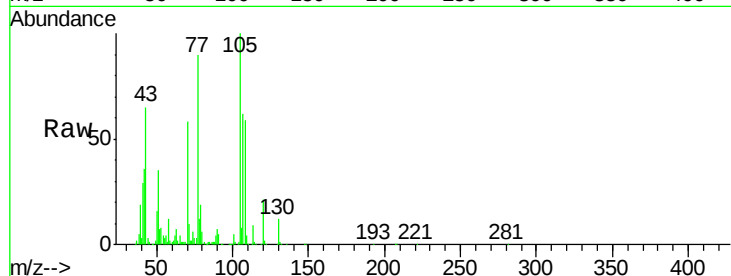




#19
n-Nitroso-di-n-propylamine
Concen: 37.257 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

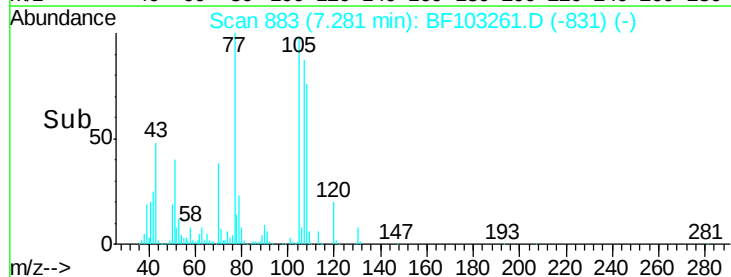
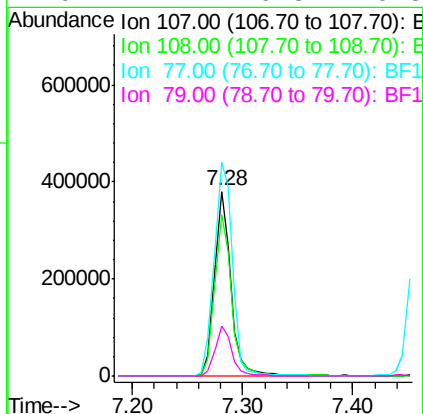
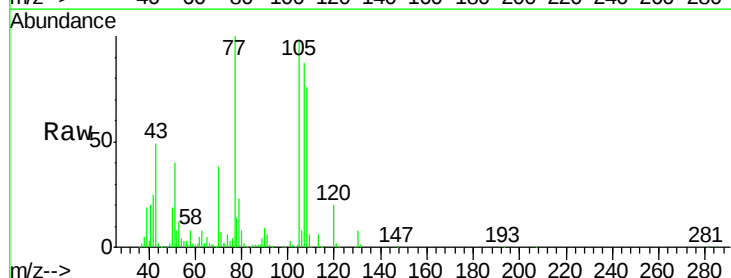
Instrument :
BNA_F
ClientSampleId :

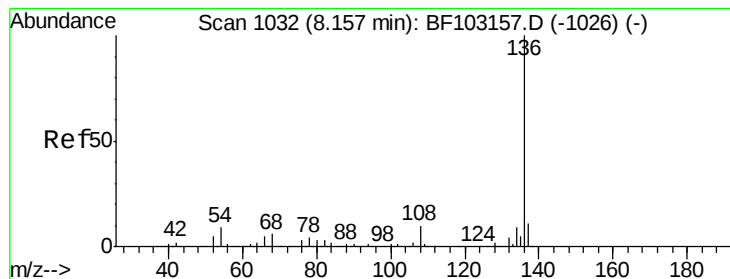
Tot Ion: 70 Resp: 263369
Ion Ratio Lower Upper
70 100
42 62.9 47.5 71.3
101 9.4 7.4 11.2
130 20.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.252 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:107 Resp: 387237
Ion Ratio Lower Upper
107 100
108 87.4 68.2 108.2
77 115.5 26.7 66.7#
79 27.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 599104

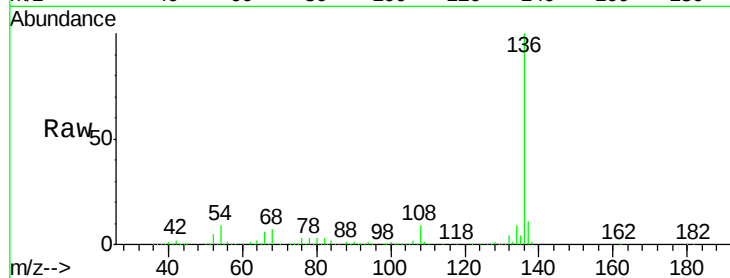
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.9 6.6 9.8

68 6.6 5.0 7.4

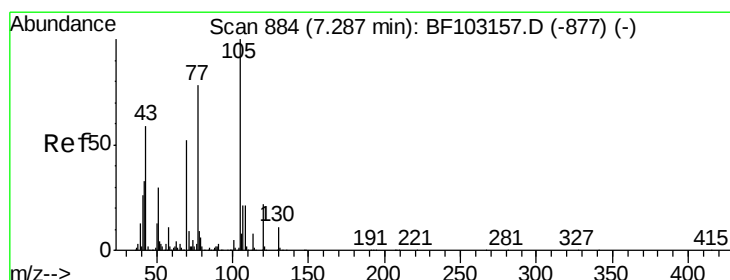
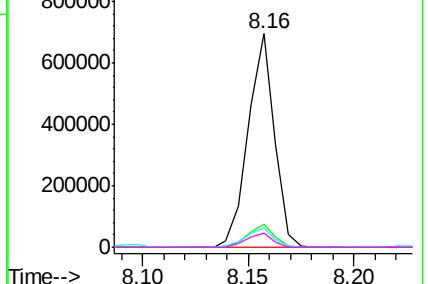
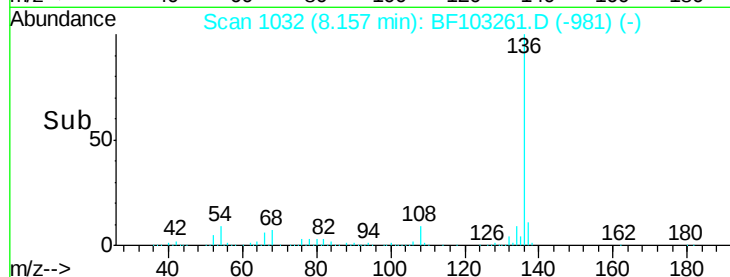


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.172 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Tgt Ion:105 Resp: 519817

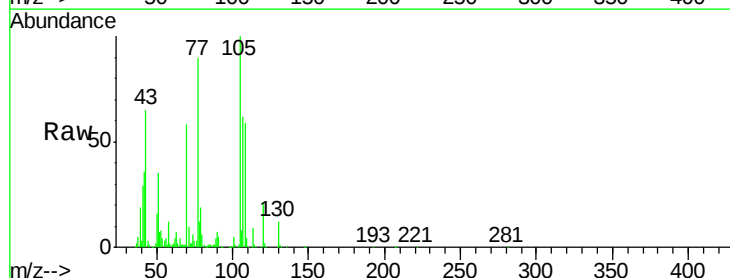
Ion Ratio Lower Upper

105 100

71 9.6 4.4 6.6#

51 34.9 22.3 33.5#

120 21.3 16.9 25.3

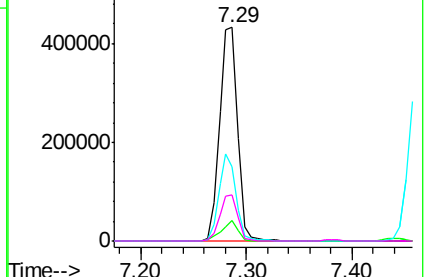
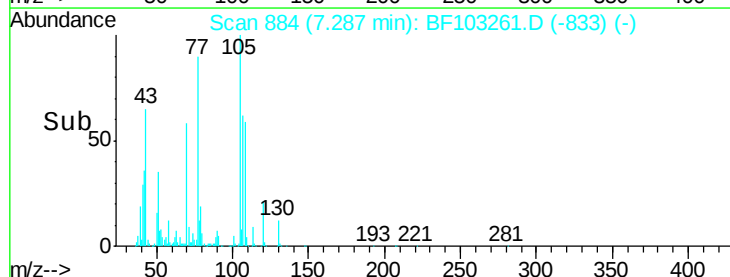


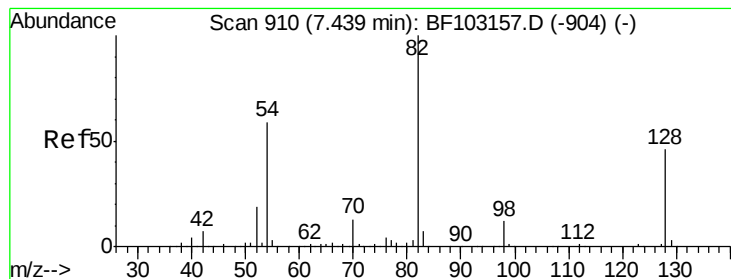
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.300 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

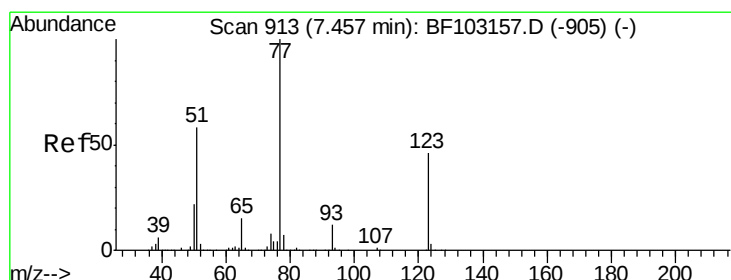
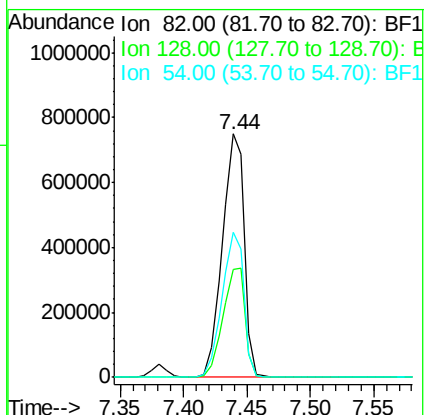
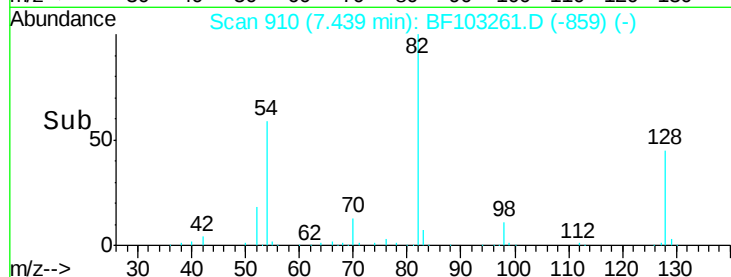
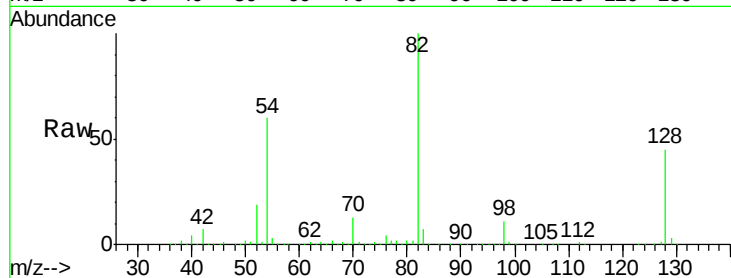
Tot Ion: 82 Resp: 894854

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

54 59.6 41.4 62.2



#24

Nitrobenzene

Concen: 37.584 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

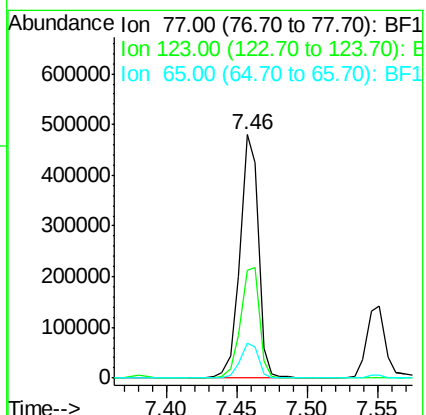
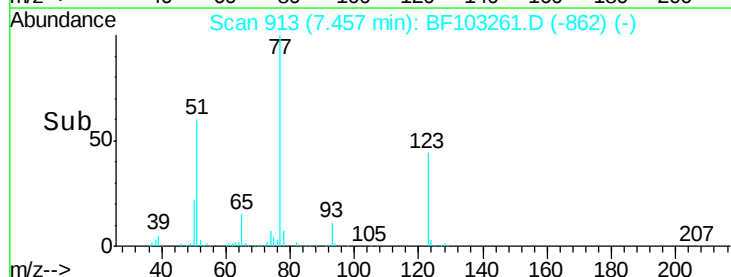
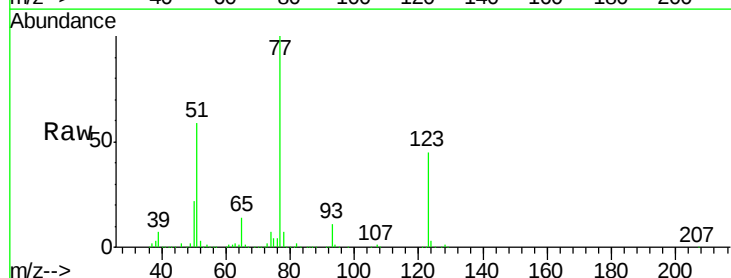
Tgt Ion: 77 Resp: 434103

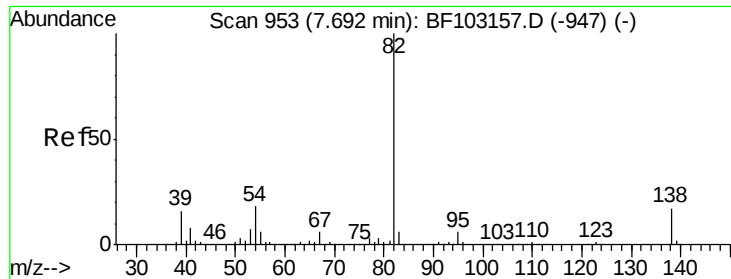
Ion Ratio Lower Upper

77 100

123 44.6 37.9 56.9

65 14.4 11.0 16.4





#25

Isophorone

Concen: 39.796 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

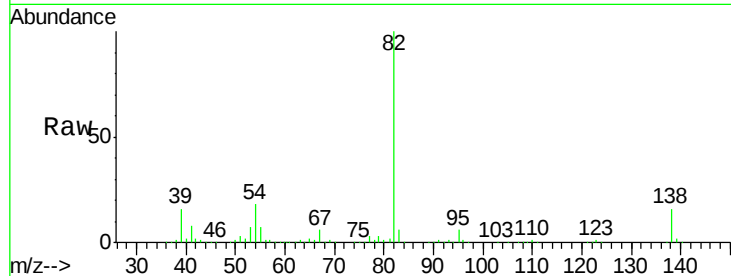
Tot Ion: 82 Resp: 822246

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

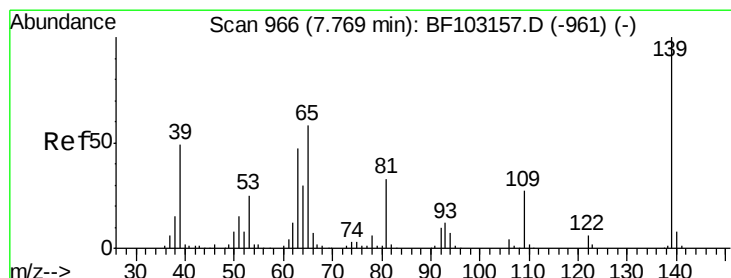
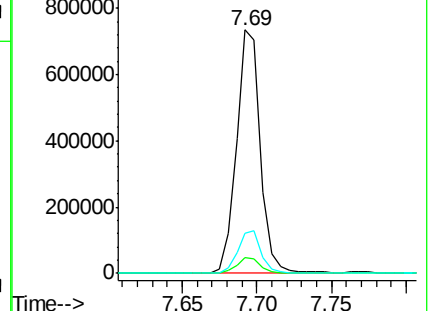
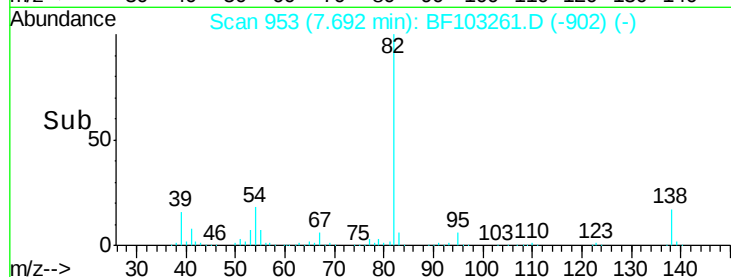
138 16.5 14.9 22.3



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: 41.431 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

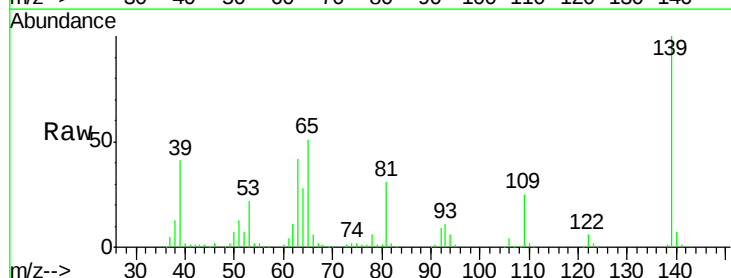
Tgt Ion: 139 Resp: 225276

Ion Ratio Lower Upper

139 100

109 25.4 22.7 34.1

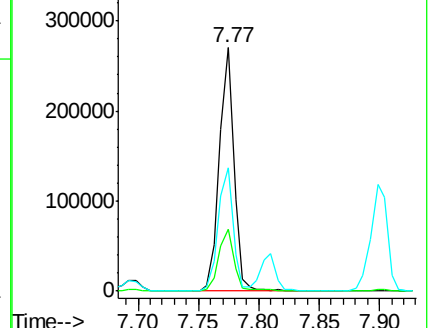
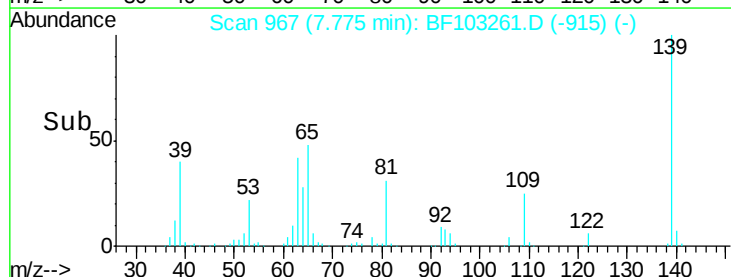
65 50.6 40.5 60.7

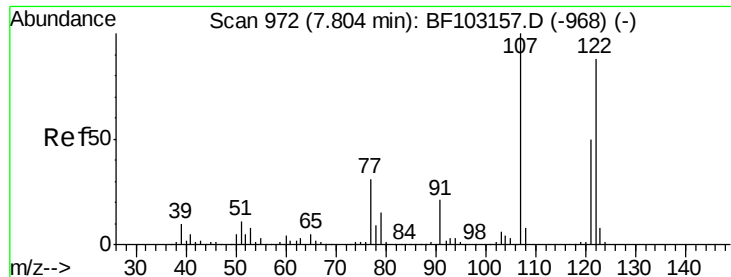


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.700 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

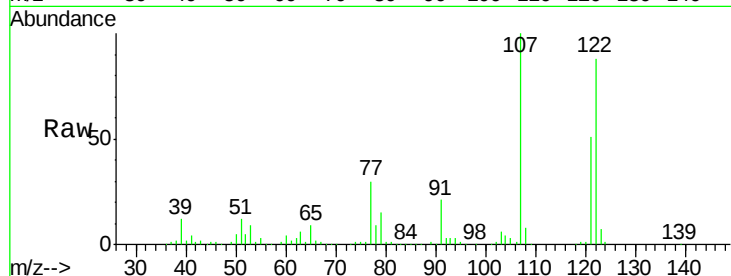
Tot Ion:122 Resp: 354892

Ion Ratio Lower Upper

122 100

107 114.1 91.2 136.8

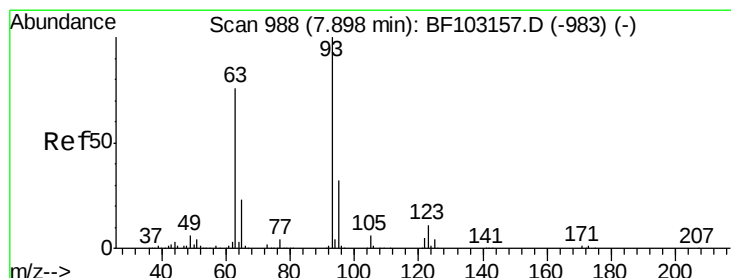
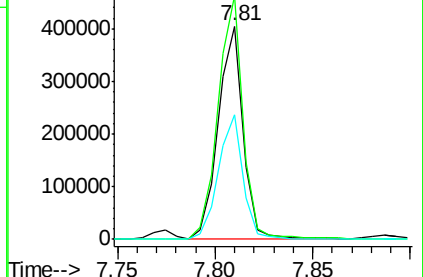
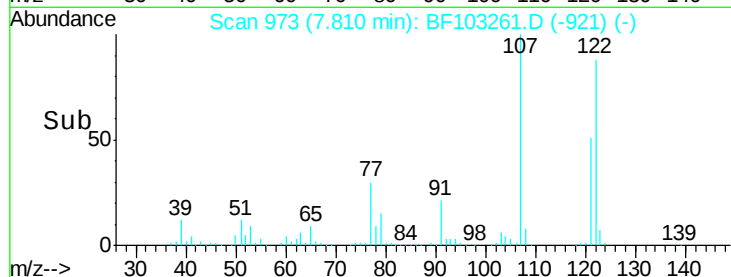
121 58.7 47.2 70.8



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: 42.067 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

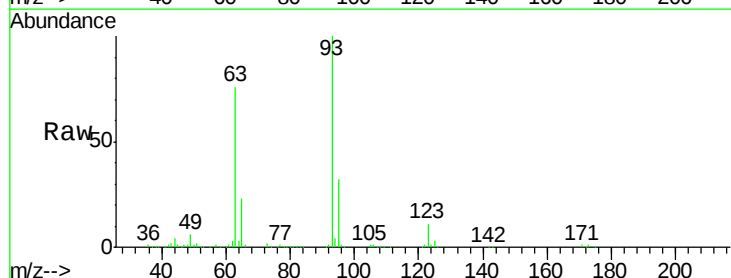
Tgt Ion: 93 Resp: 511013

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

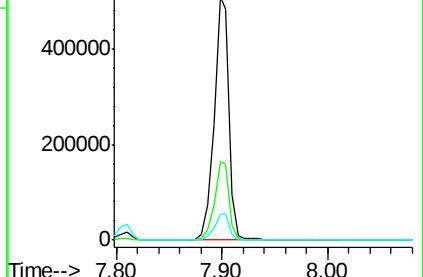
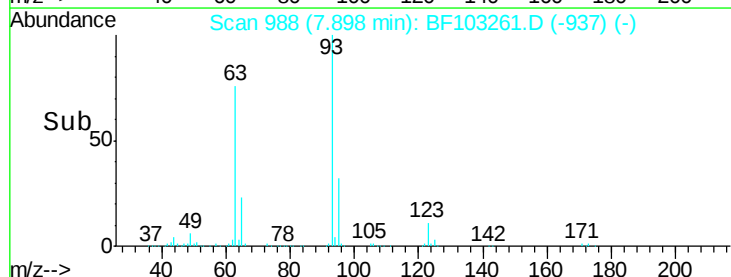
123 10.8 9.8 14.6

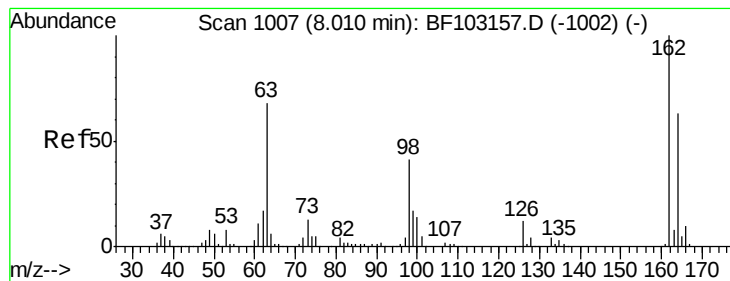


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.655 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampled :

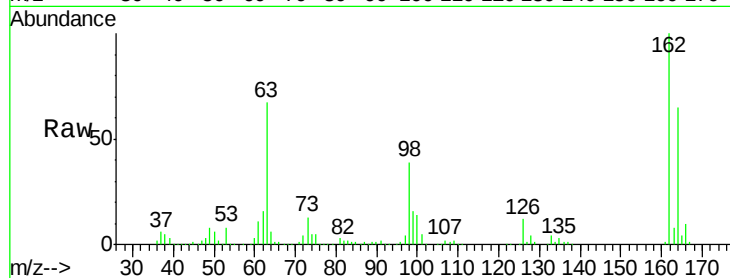
Tot Ion:162 Resp: 323502

Ion Ratio Lower Upper

162 100

164 64.6 42.7 82.7

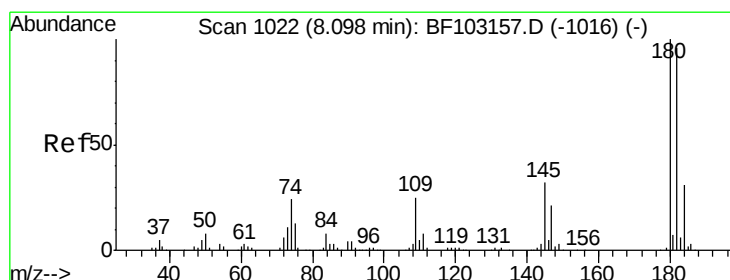
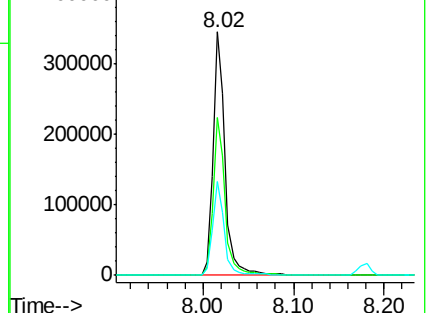
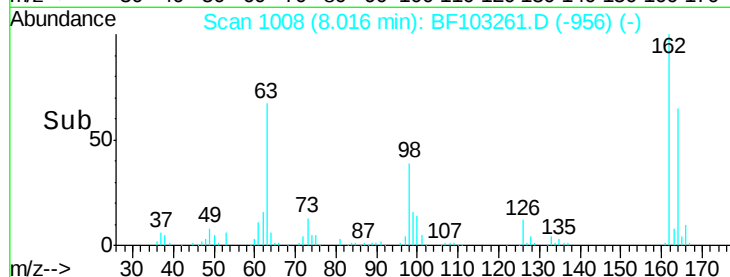
98 38.7 18.1 58.1



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: 37.184 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

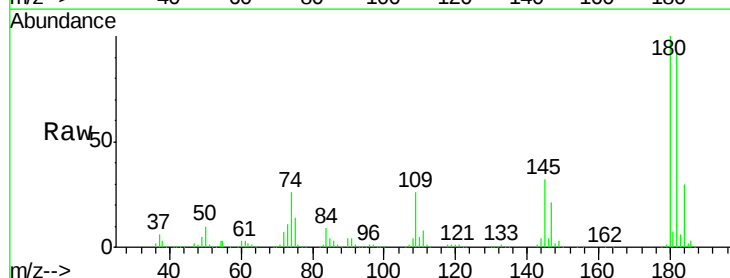
Tgt Ion:180 Resp: 315083

Ion Ratio Lower Upper

180 100

182 93.4 76.8 115.2

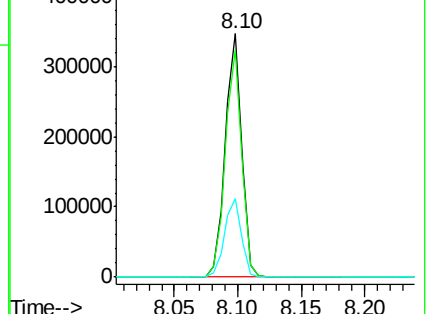
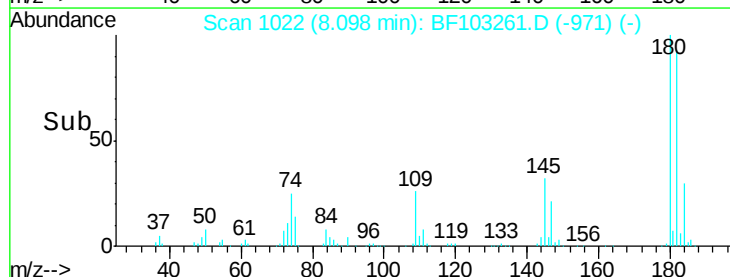
145 32.0 26.5 39.7

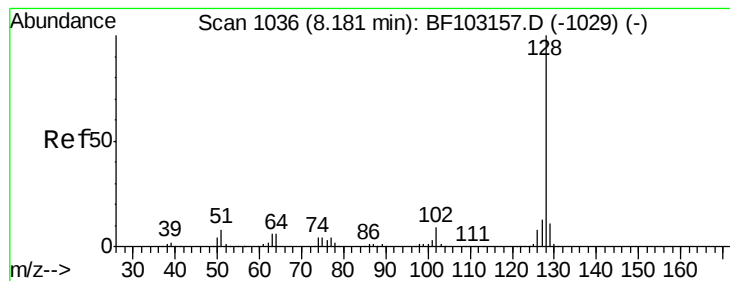


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.930 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

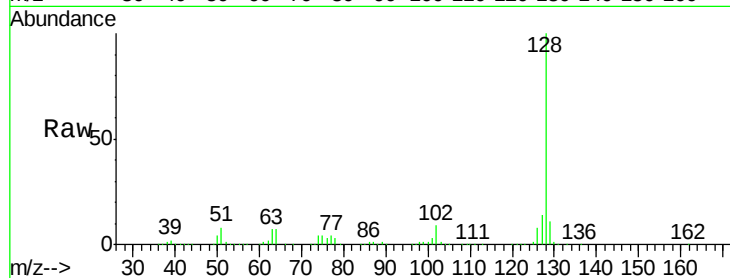
Tot Ion:128 Resp: 1112520

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

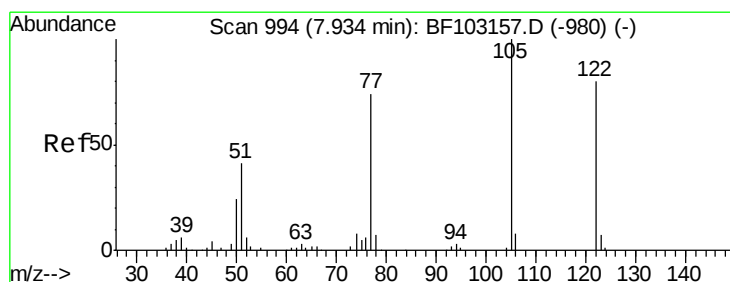
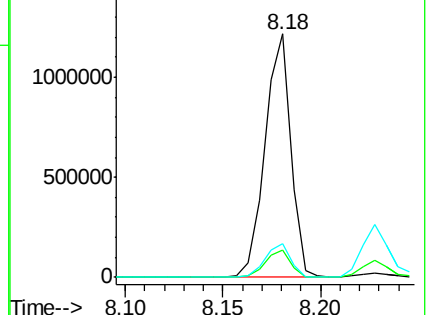
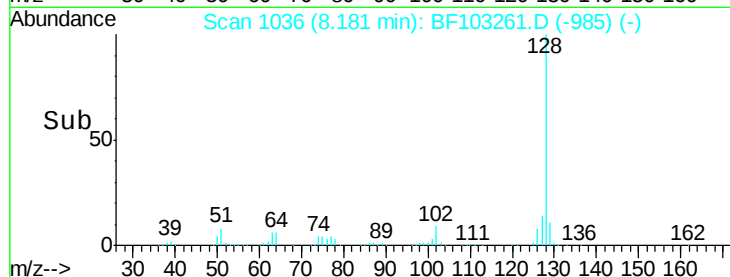
127 13.6 10.9 16.3



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: 56.179 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.12 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

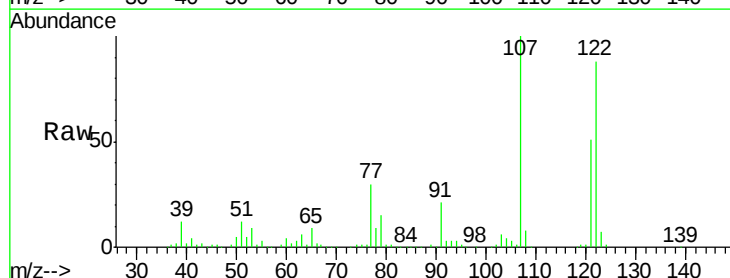
Tgt Ion:122 Resp: 354892

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

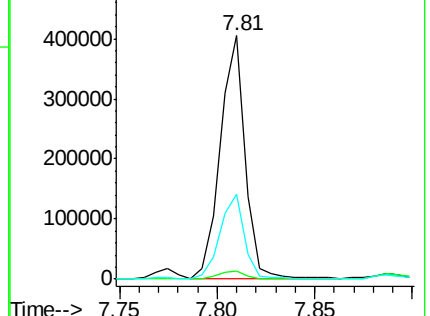
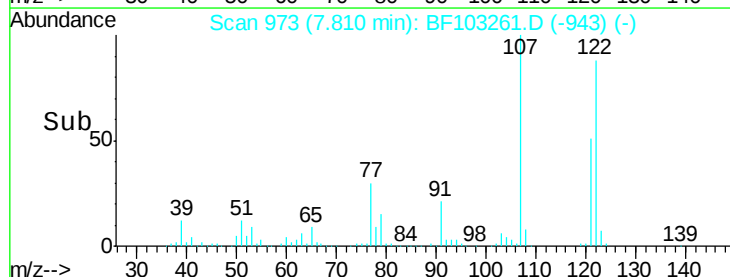
77 34.7 70.7 110.7#

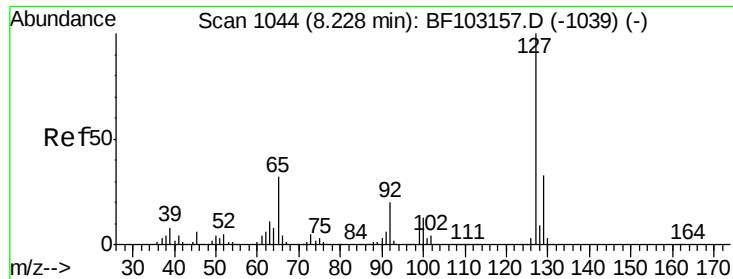


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

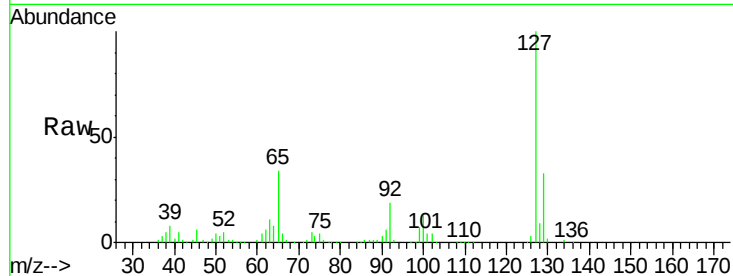




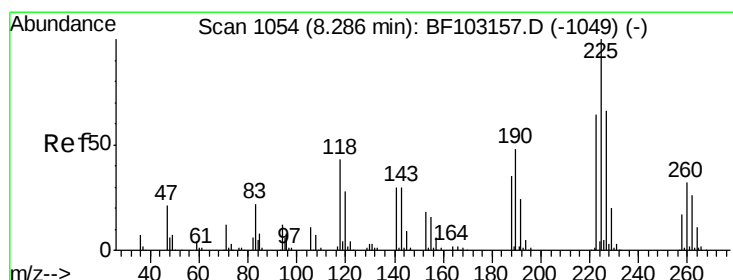
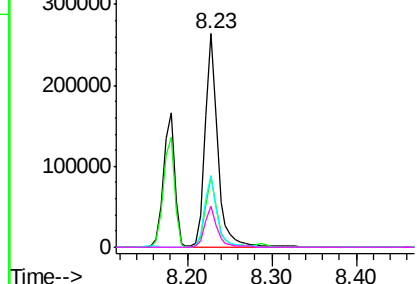
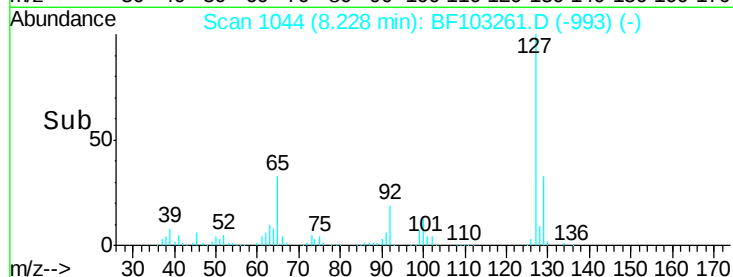
#33
4-Chloroaniline
Concen: 21.681 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	274410
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	33.5	25.0	37.4
92	19.0	15.2	22.8

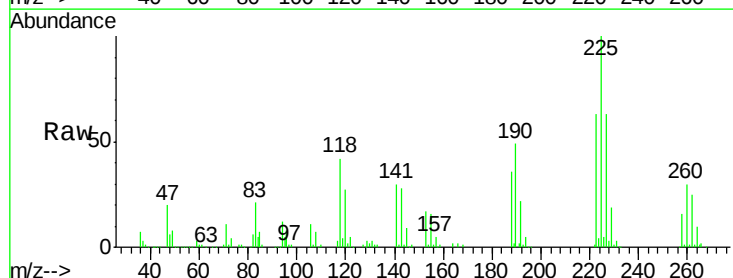


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

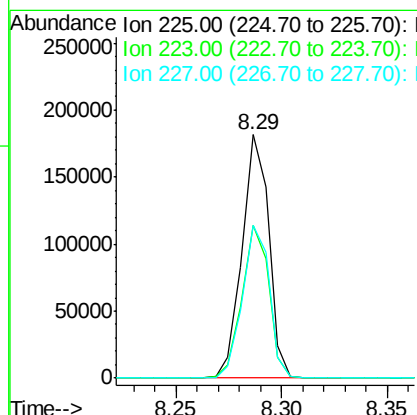
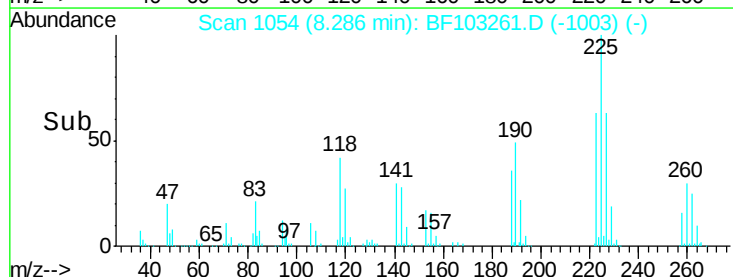


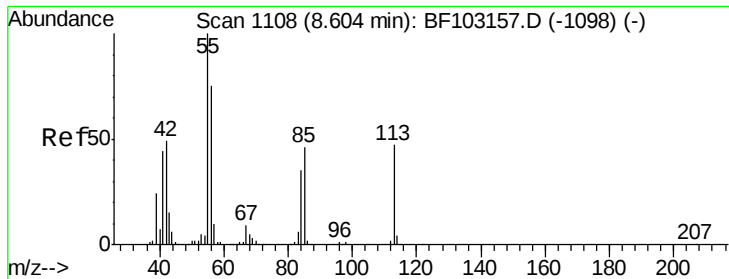
#34
Hexachlorobutadiene
Concen: 36.007 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:	225	Resp:	158885
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.9	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

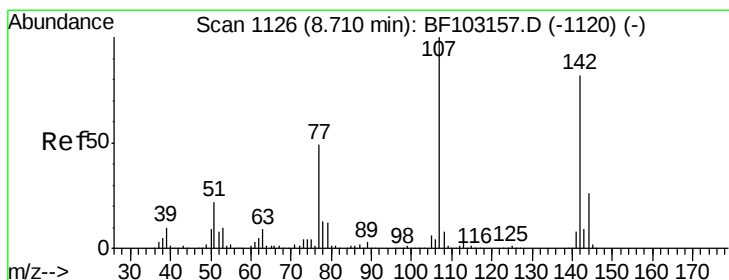
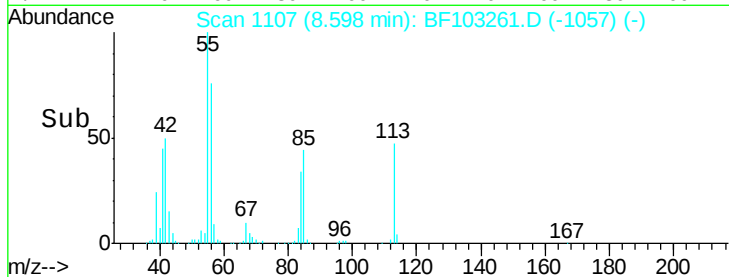
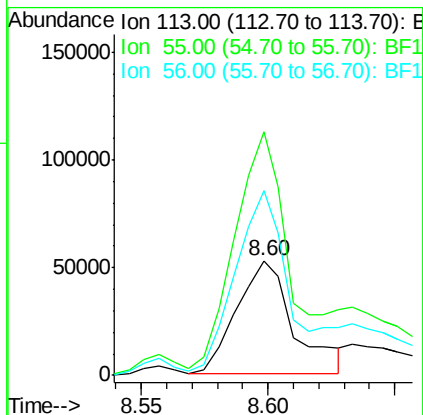
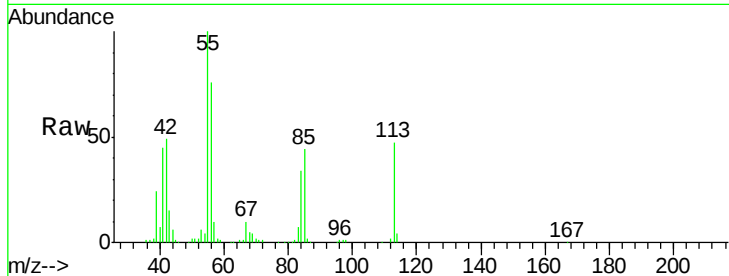




#35
 Caprolactam
 Concen: 29.018 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

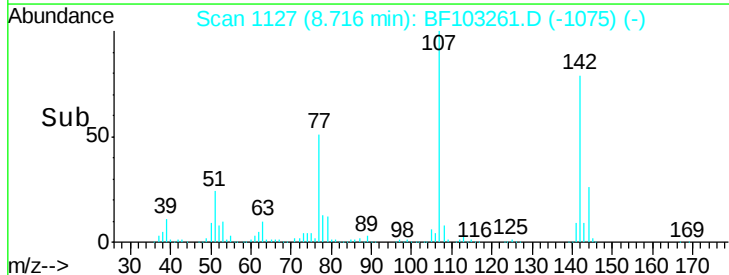
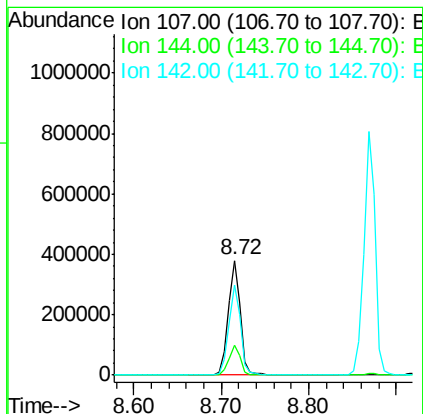
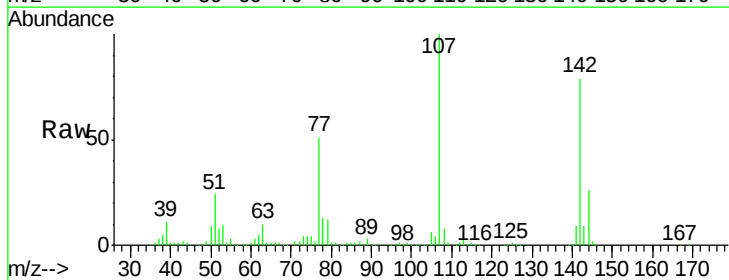
Instrument :
 BNA_F
 ClientSampleId :

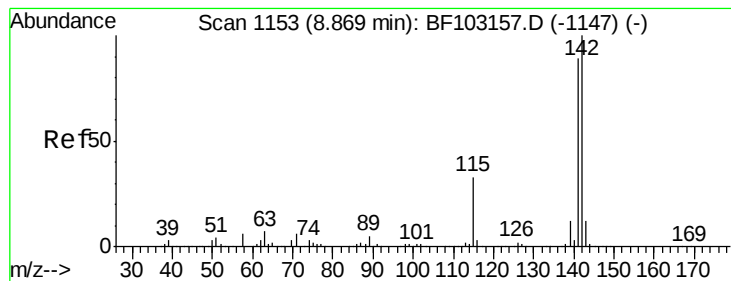
Tot Ion:113 Resp: 81153
 Ion Ratio Lower Upper
 113 100
 55 212.9 163.3 203.3#
 56 161.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.715 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion:107 Resp: 365423
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 78.6 62.0 93.0

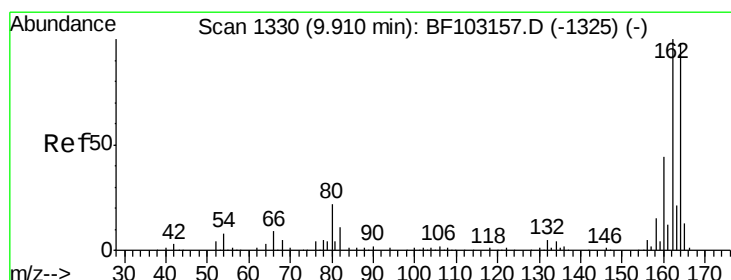
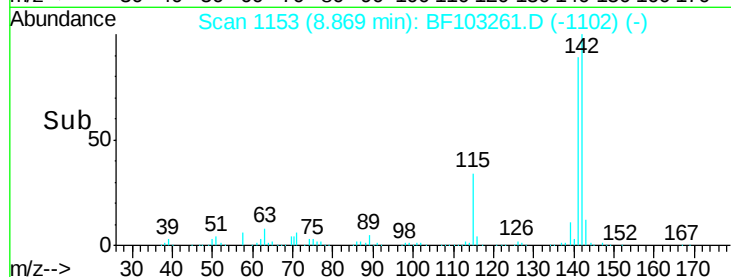
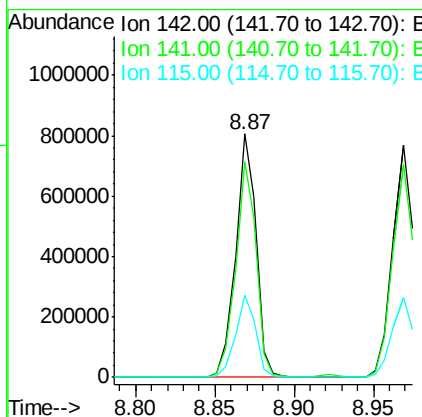
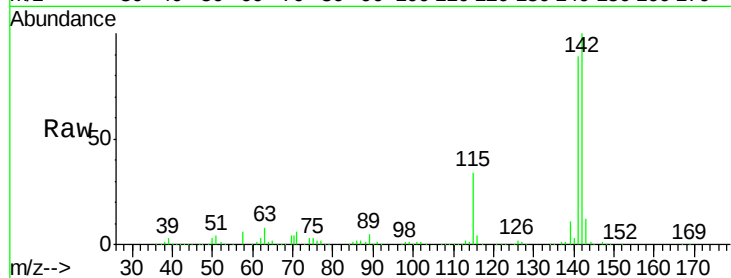




#37
 2-Methylnaphthalene
 Concen: 38.204 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

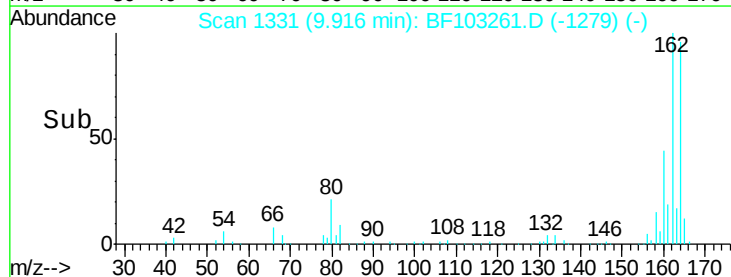
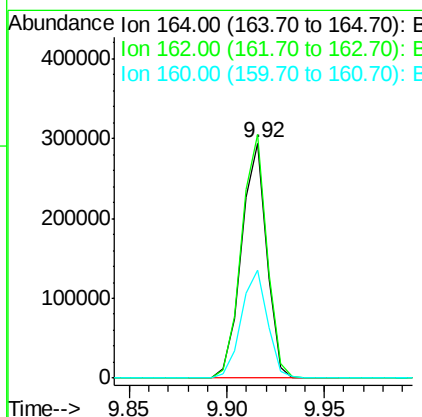
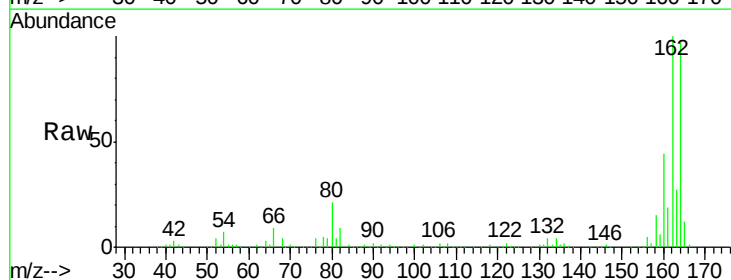
Instrument :
 BNA_F
 ClientSampleId :

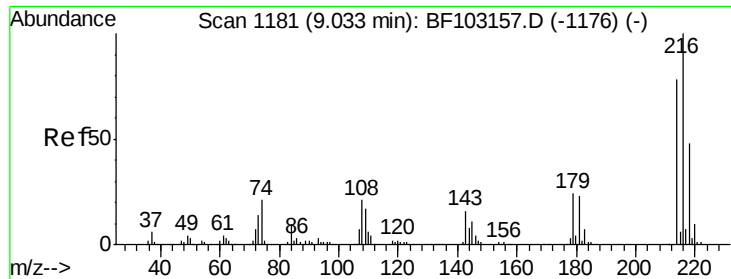
Tot Ion:142 Resp: 724203
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 33.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion:164 Resp: 263980
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 45.7 38.3 57.5

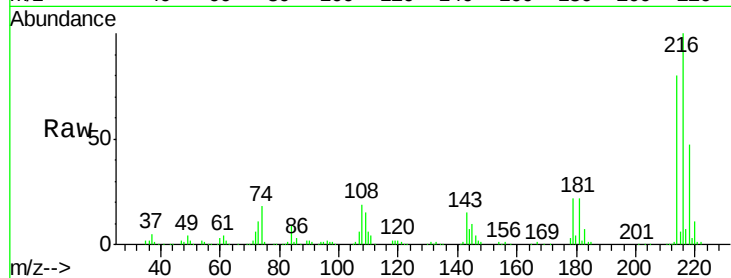




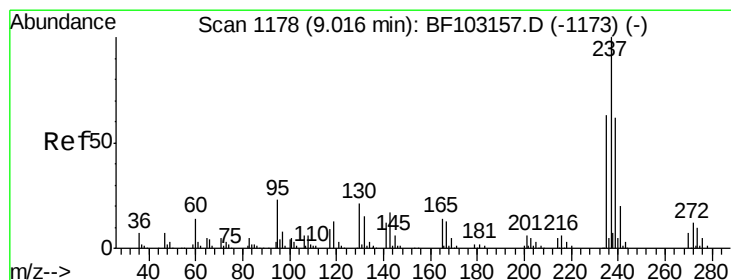
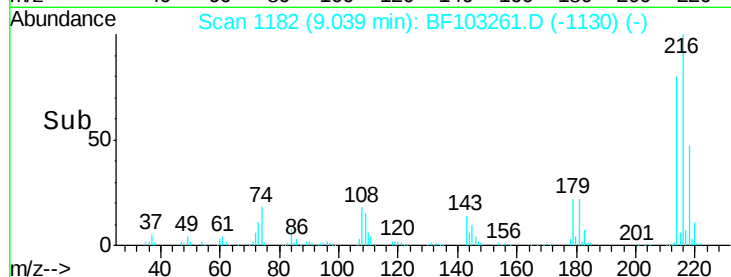
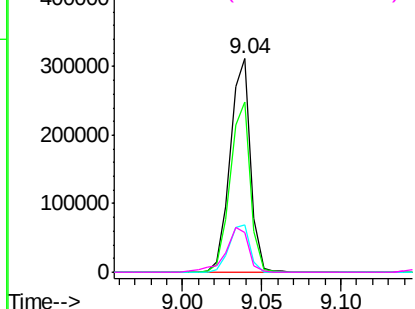
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.263 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	276135
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.0	94.4
179	23.1	18.1	27.1
108	23.7	17.2	25.8

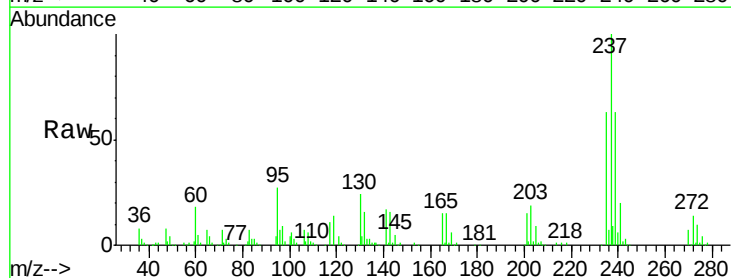


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

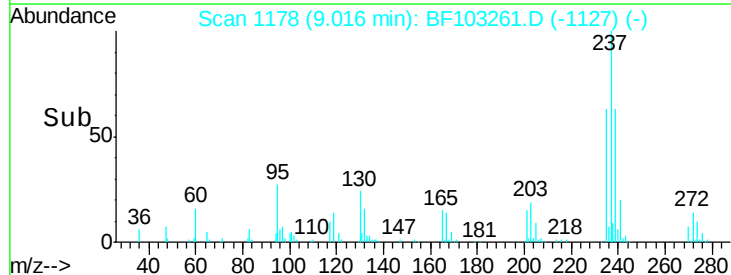
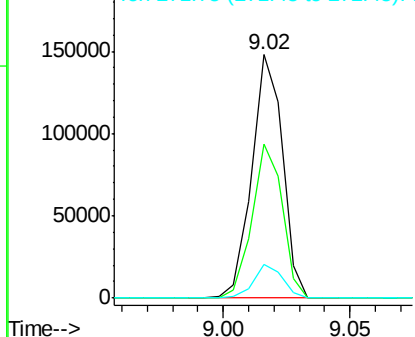


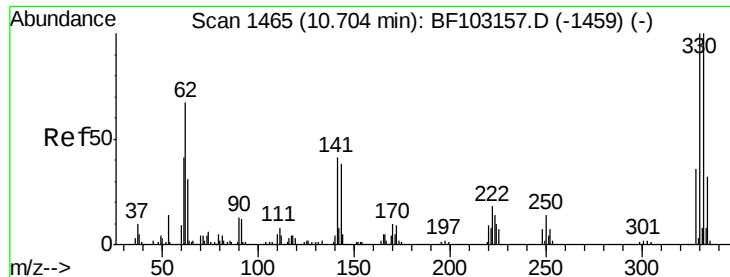
#40
 Hexachlorocyclopentadiene
 Concen: 52.658 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion:	237	Resp:	125263
Ion Ratio	Lower	Upper	
237	100		
235	63.4	44.8	84.8
272	13.6	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

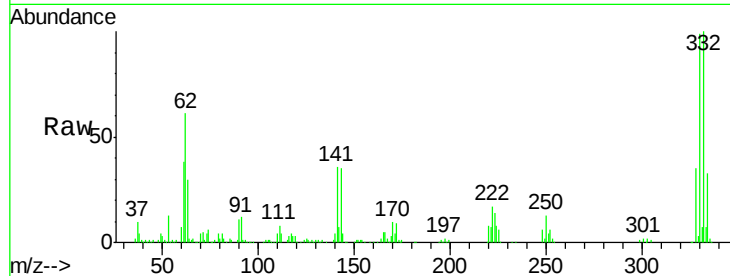




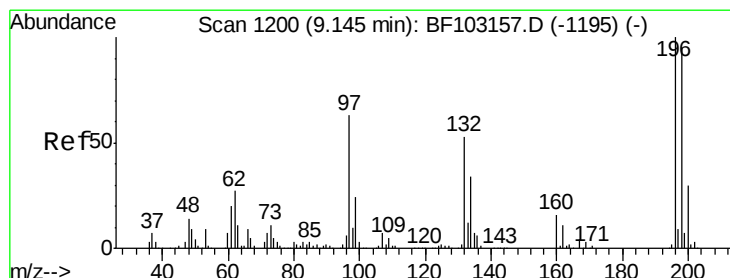
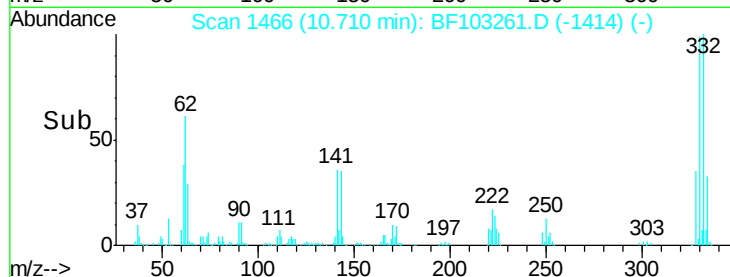
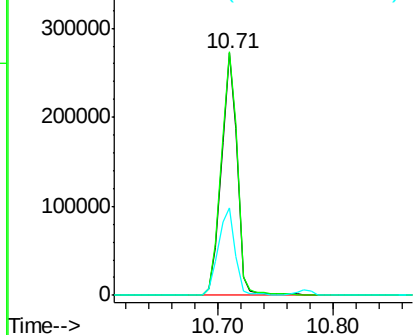
#41
 2,4,6-Tribromophenol
 Concen: 116.656 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
Resp:	260661		
Ion Ratio	100	102.5	38.6
Lower		77.0	29.9
Upper		115.6	44.9

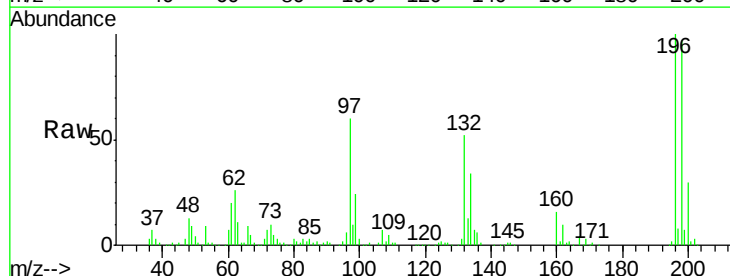


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

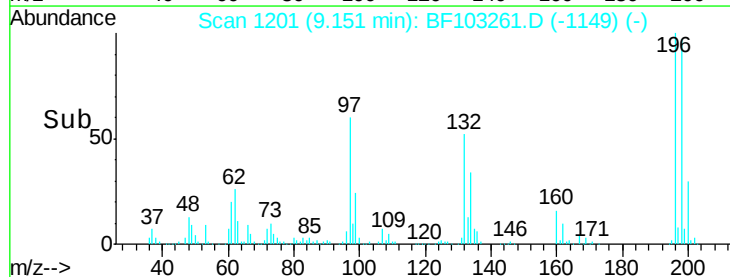
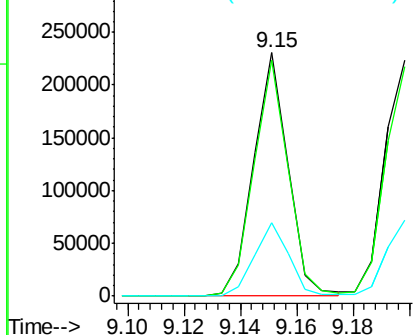


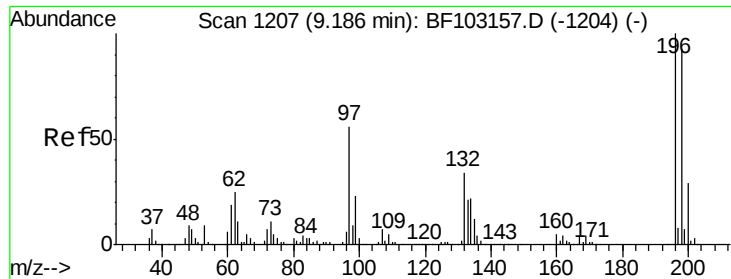
#42
 2,4,6-Trichlorophenol
 Concen: 40.232 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion	196	198	200
Resp:	195364		
Ion Ratio	100	96.7	30.3
Lower		75.7	24.5
Upper		113.5	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

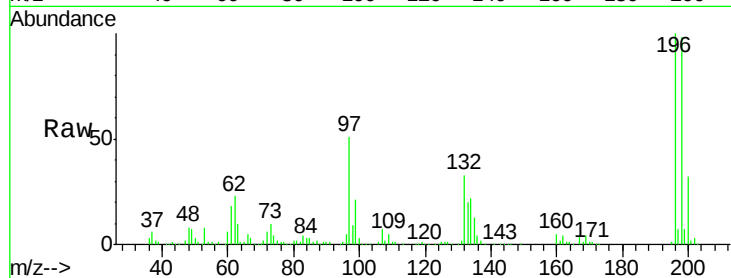




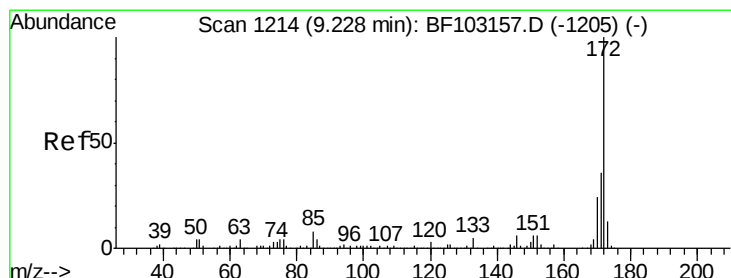
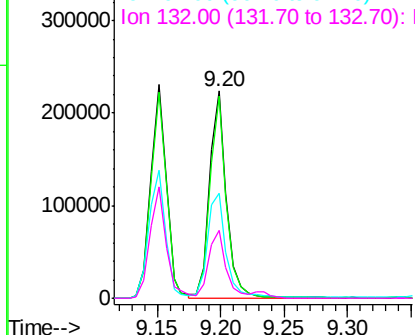
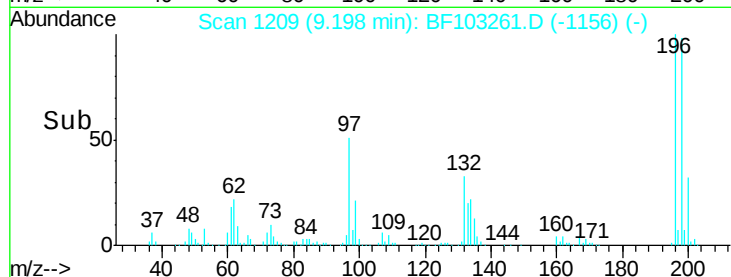
#43
 2,4,5-Trichlorophenol
 Concen: 37.756 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	74.6	112.0
97	50.8	42.9	64.3
132	33.0	26.3	39.5

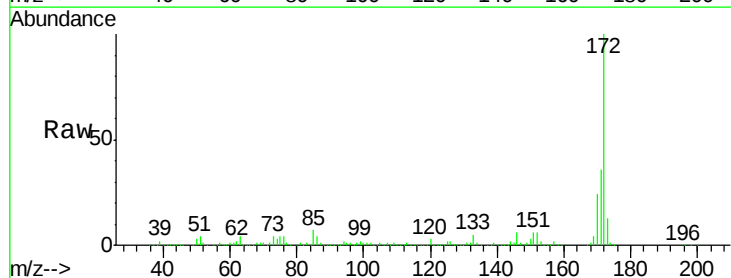


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

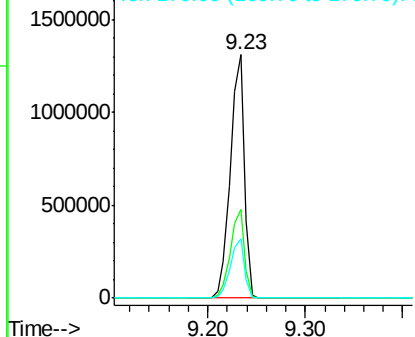
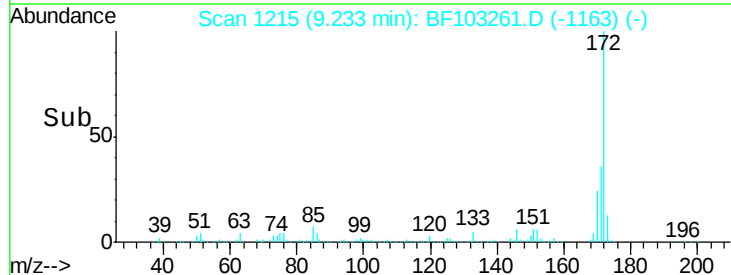


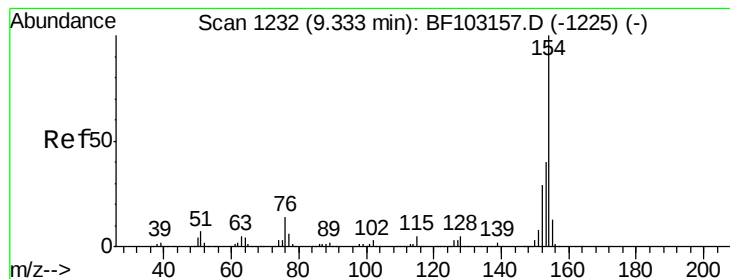
#44
 2-Fluorobiphenyl
 Concen: 85.421 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	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: 37.305 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

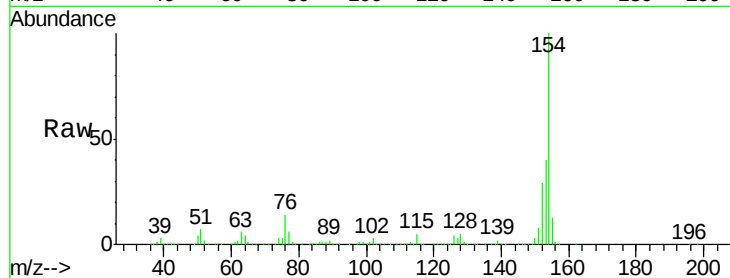
Tot Ion:154 Resp: 825200

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

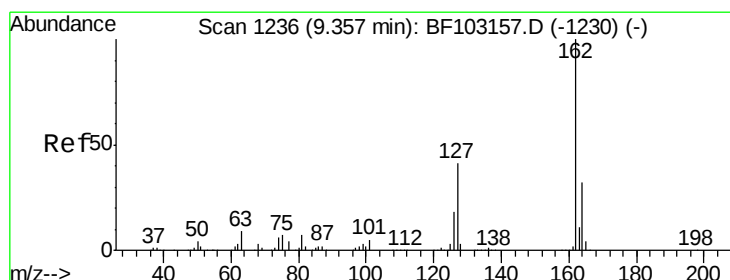
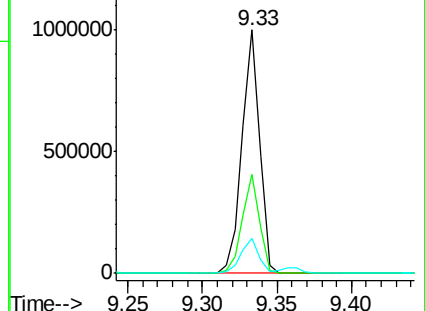
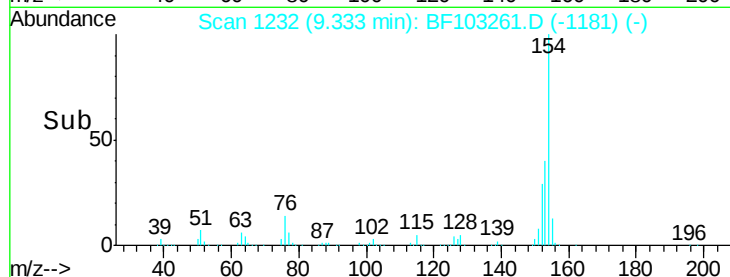
76 14.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.934 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

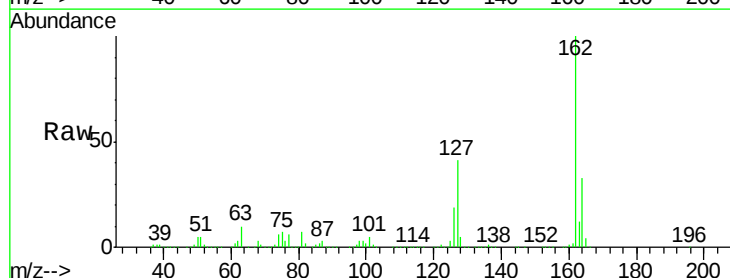
Tgt Ion:162 Resp: 663846

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

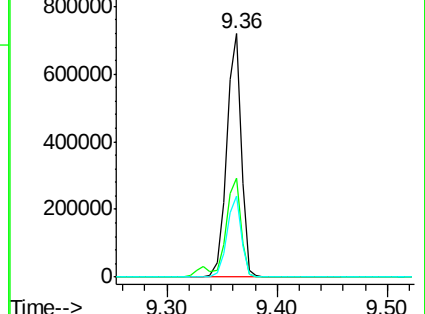
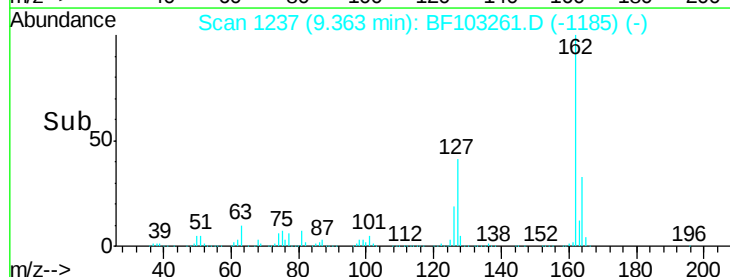
164 33.5 26.5 39.7

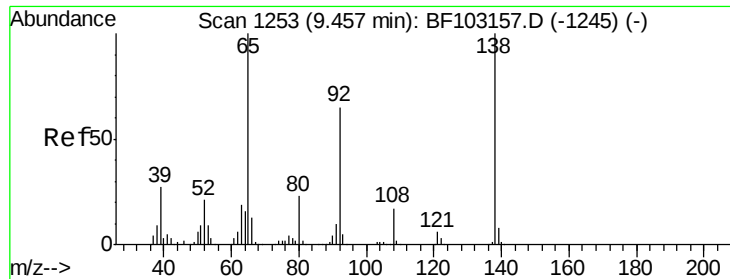


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.886 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

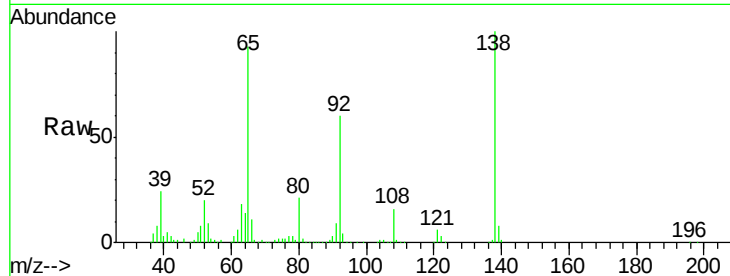
Tot Ion: 65 Resp: 258553

Ion Ratio Lower Upper

65 100

92 64.8 55.8 83.6

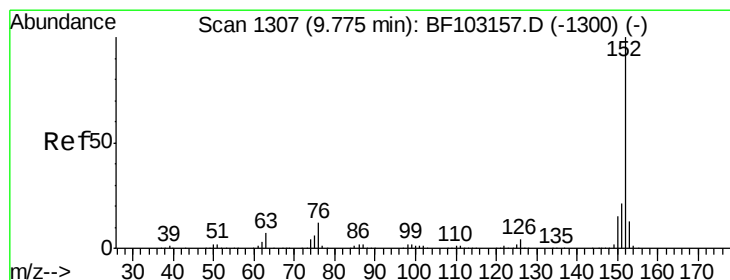
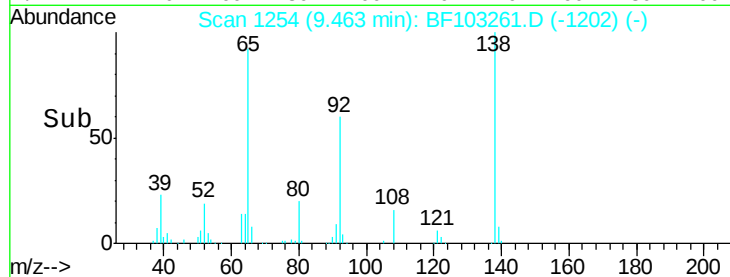
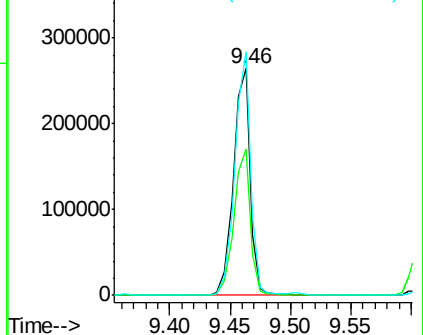
138 107.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 37.049 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

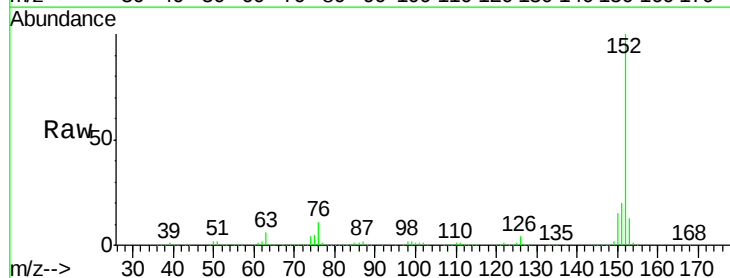
Tgt Ion: 152 Resp: 997571

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

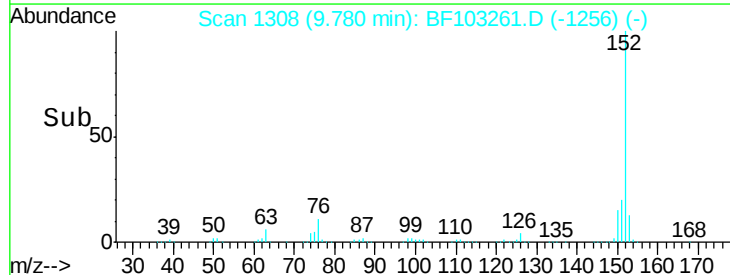
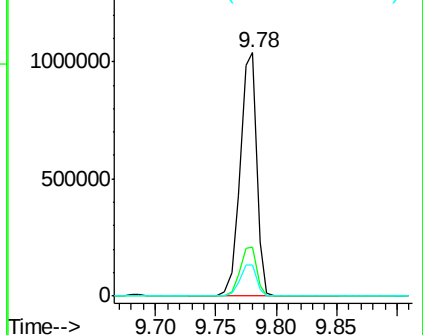
153 12.8 10.7 16.1

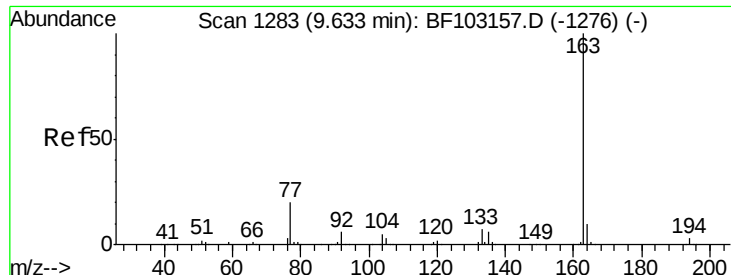


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

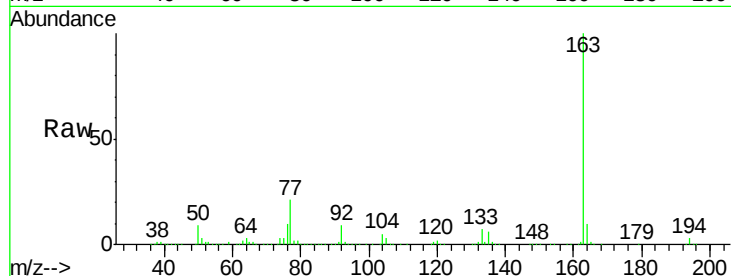




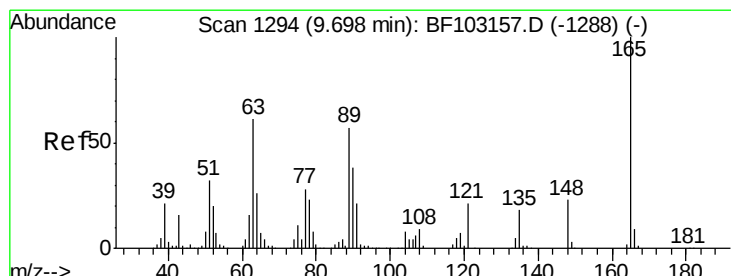
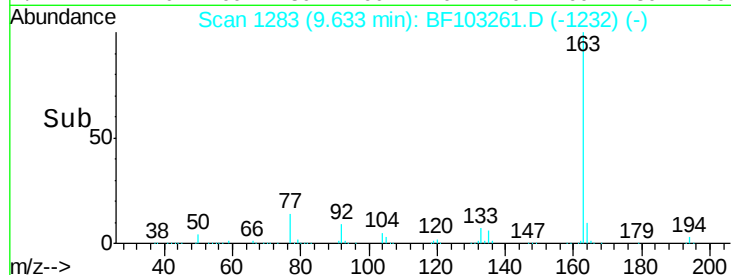
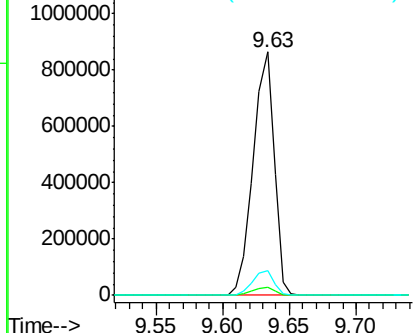
#49
Dimethylphthalate
Concen: 44.115 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2

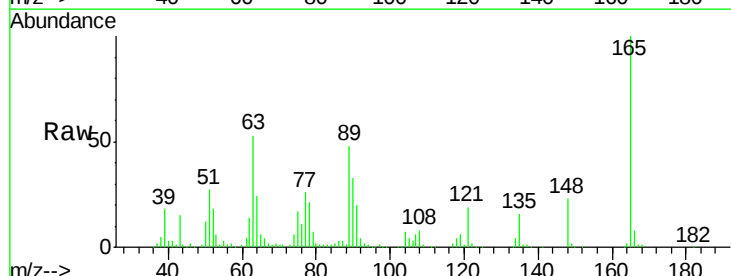


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

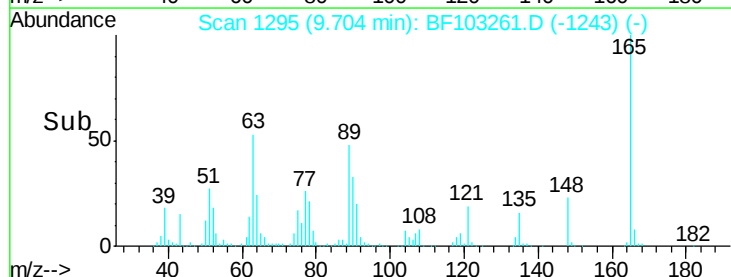
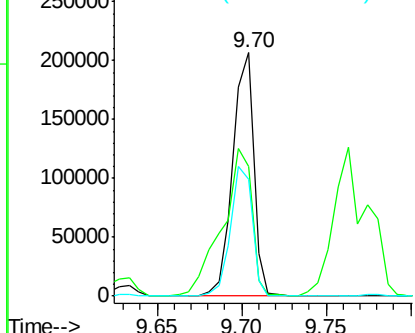


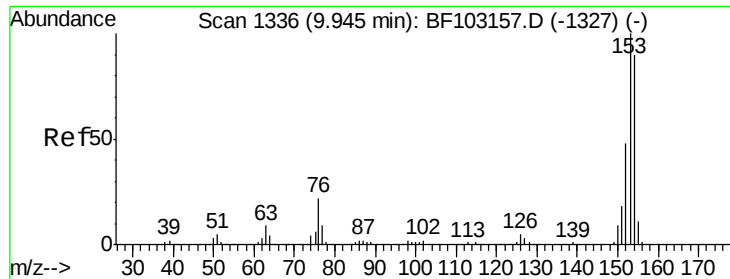
#50
2,6-Dinitrotoluene
Concen: 40.200 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.3	44.7	67.1
89	48.2	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: 36.357 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampled :

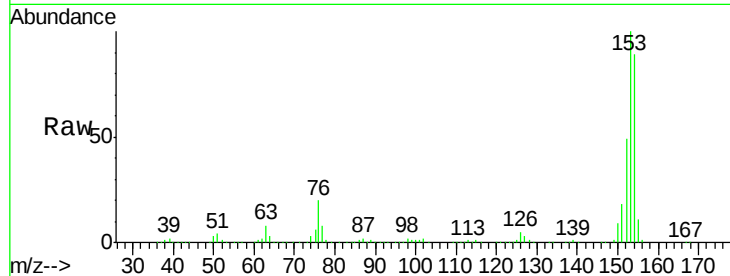
Tot Ion:154 Resp: 570828

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

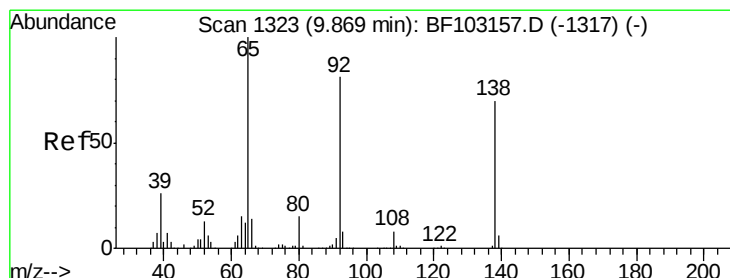
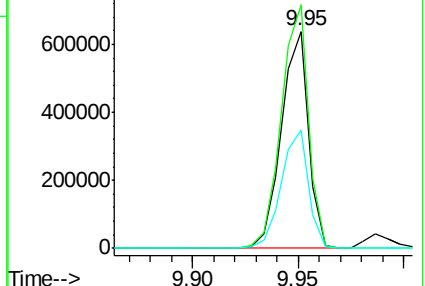
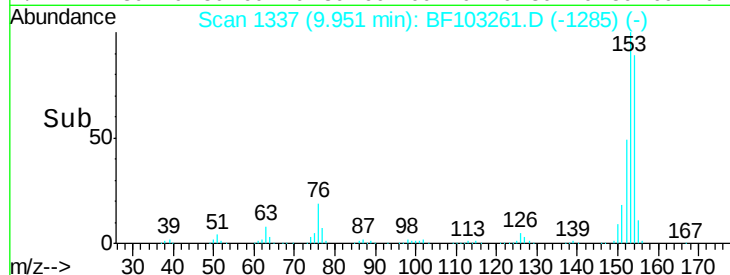
152 54.5 43.8 65.8



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: 30.788 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

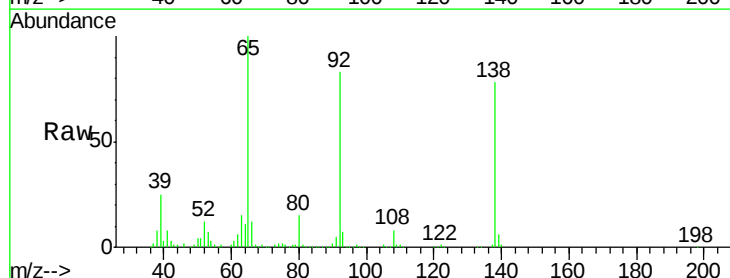
Tgt Ion:138 Resp: 173592

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

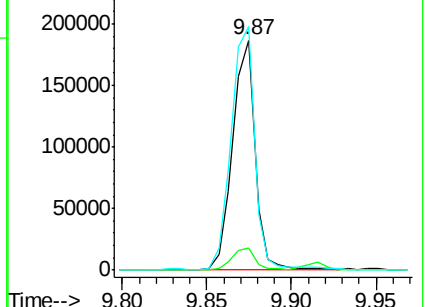
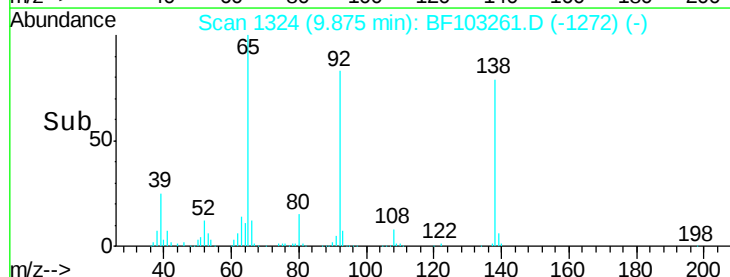
92 105.8 89.4 134.2



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

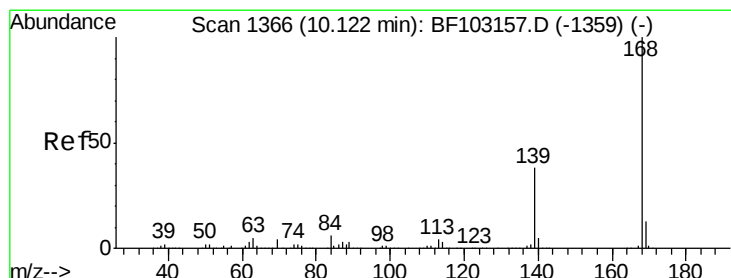
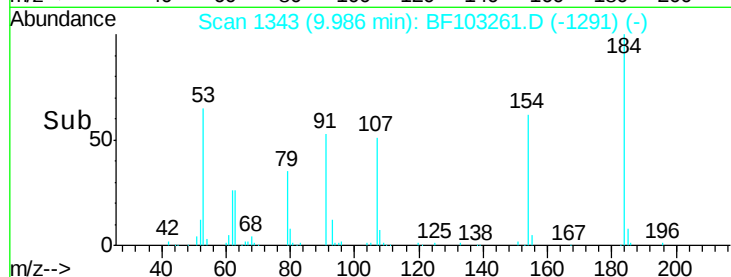
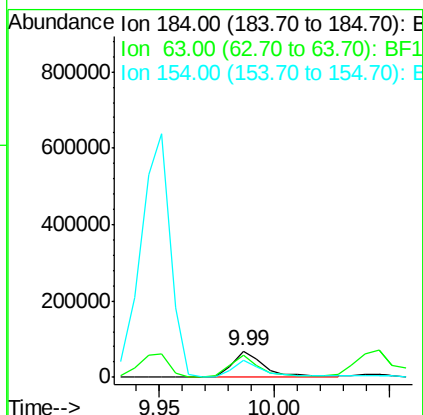
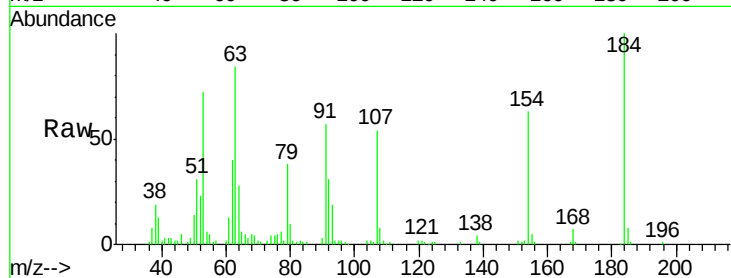




#53
2,4-Dinitrophenol
Concen: 46.567 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

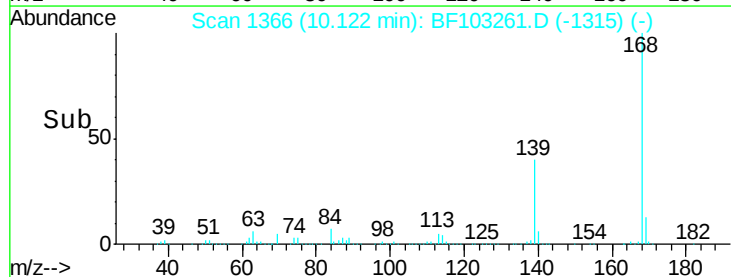
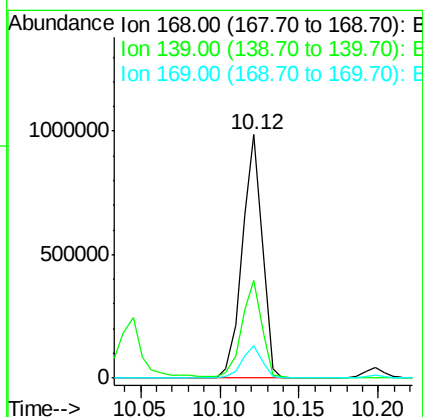
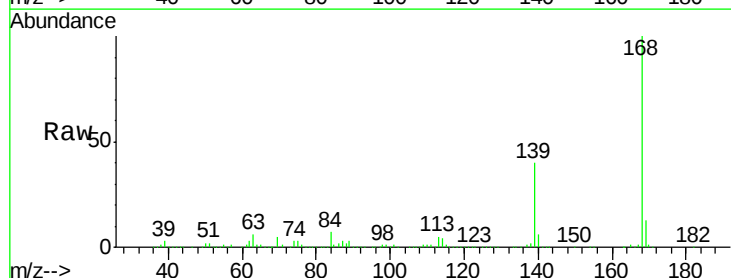
Instrument :
BNA_F
ClientSampleId :

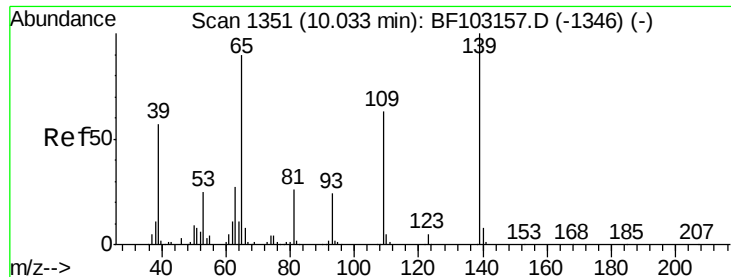
Tot Ion:184 Resp: 67414
Ion Ratio Lower Upper
184 100
63 83.6 54.2 81.2#
154 63.0 184.0 276.0#



#54
Dibenzofuran
Concen: 39.568 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:168 Resp: 852804
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 70.471 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampled :

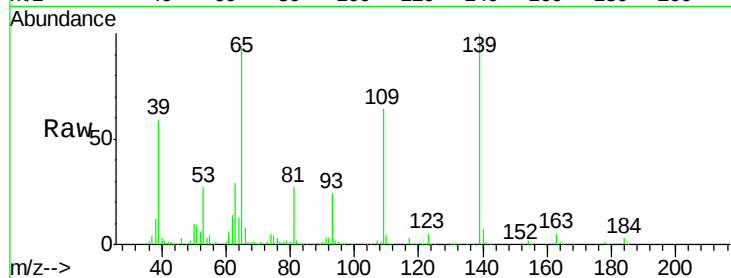
Tot Ion:139 Resp: 246257

Ion Ratio Lower Upper

139 100

109 63.5 48.4 88.4

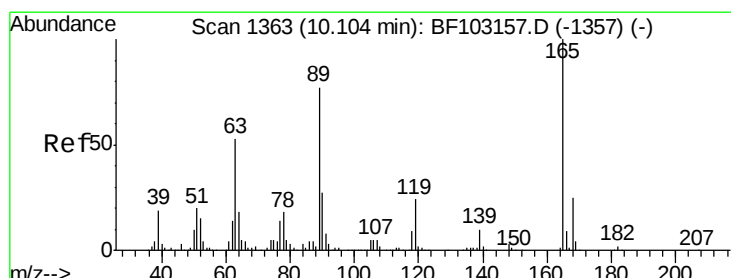
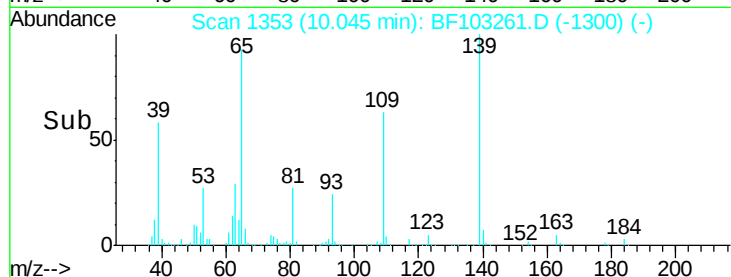
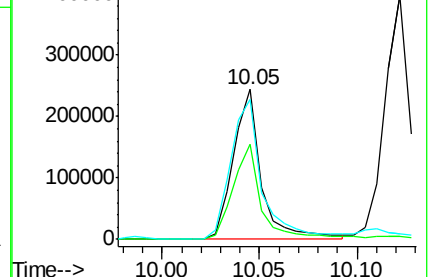
65 93.7 72.6 112.6



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: 39.821 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Tgt Ion:165 Resp: 223816

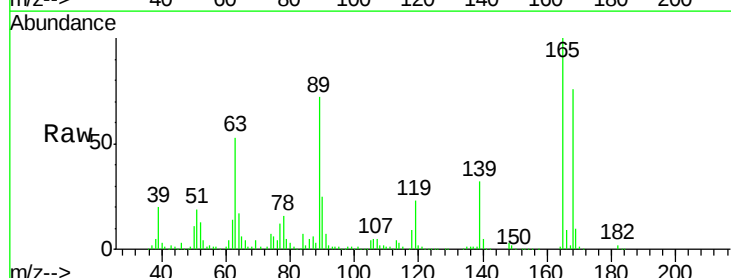
Ion Ratio Lower Upper

165 100

63 52.6 36.4 54.6

89 71.5 57.8 86.6

182 2.3 1.6 2.4

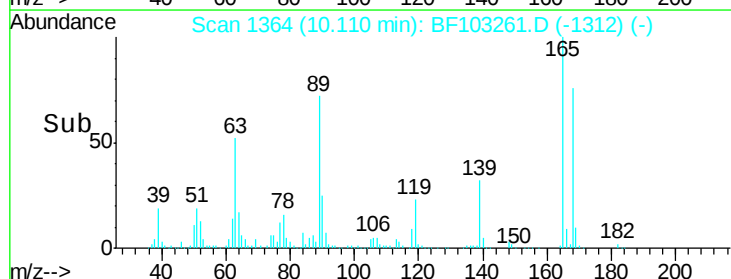
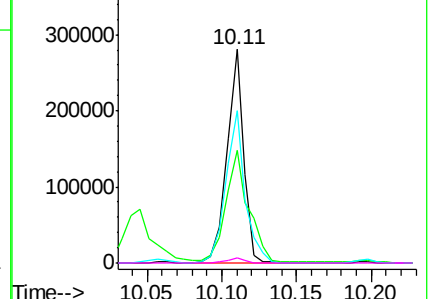


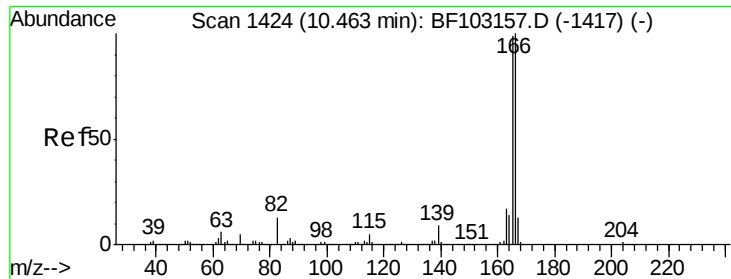
Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.411 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampled :

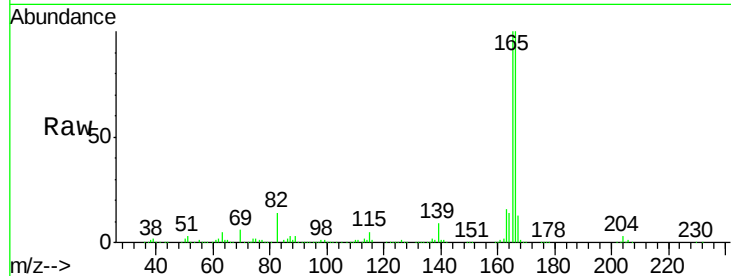
Tot Ion:166 Resp: 668516

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

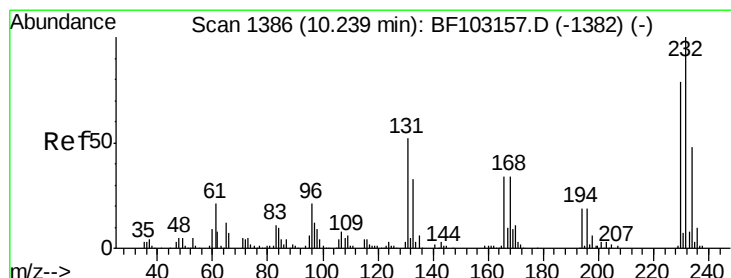
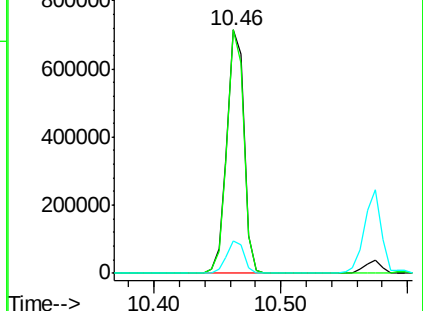
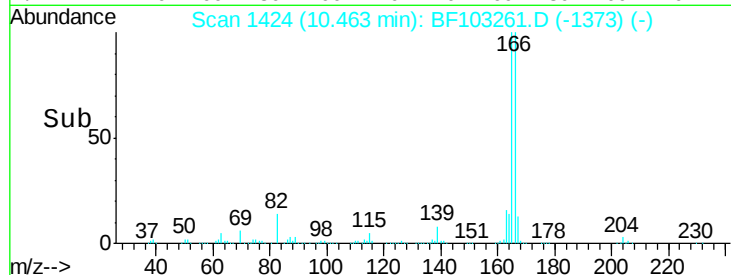
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.378 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Tgt Ion:232 Resp: 151491

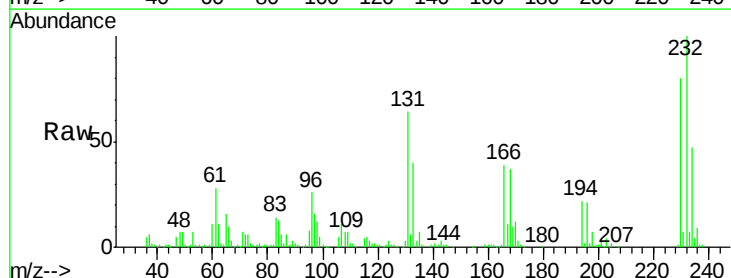
Ion Ratio Lower Upper

232 100

131 57.7 43.8 65.8

130 2.9 2.1 3.1

166 36.4 27.8 41.6

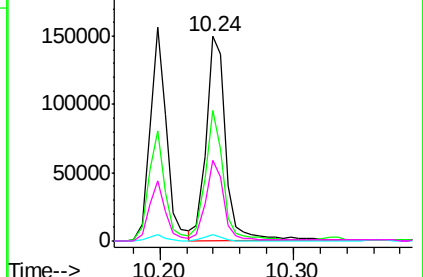
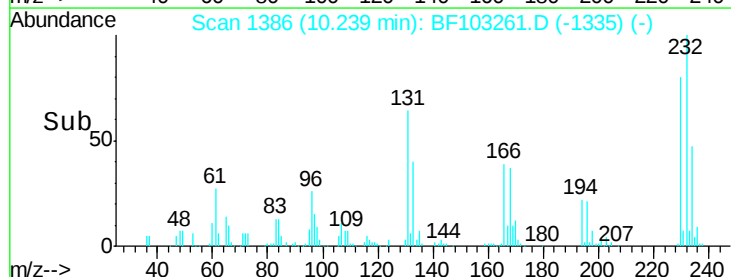


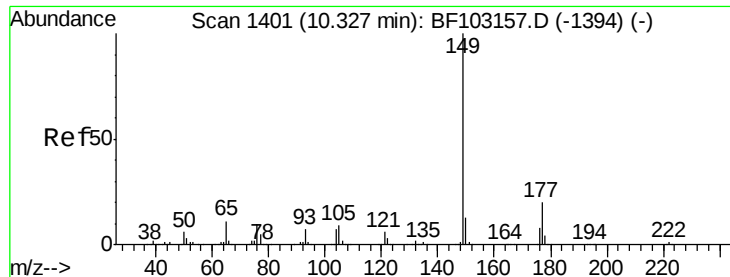
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

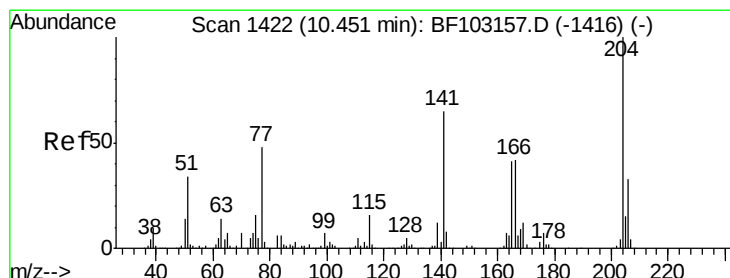
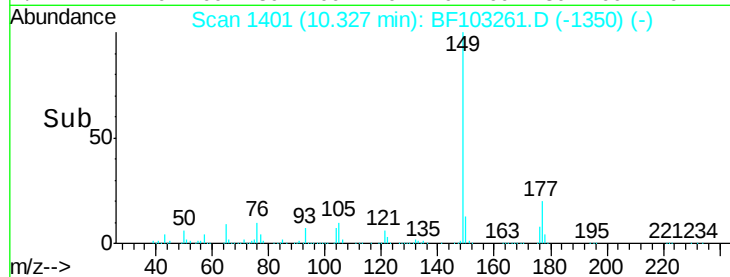
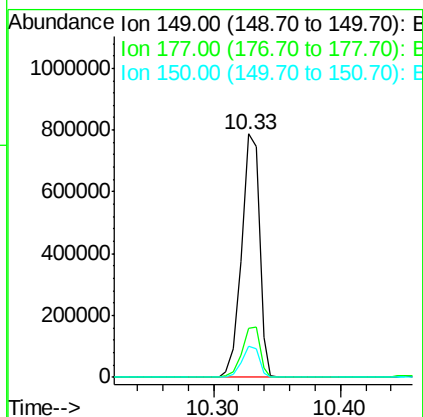
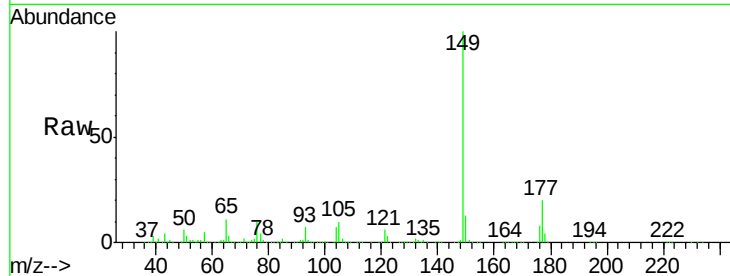




#59
Diethylphthalate
Concen: 37.645 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

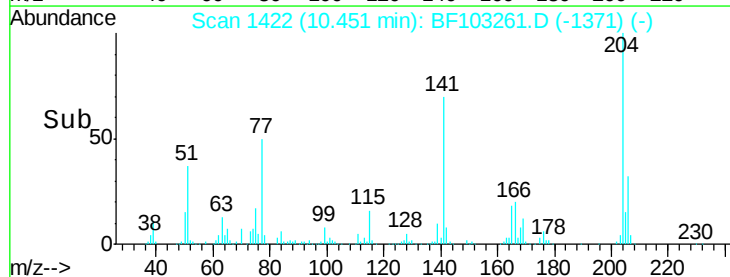
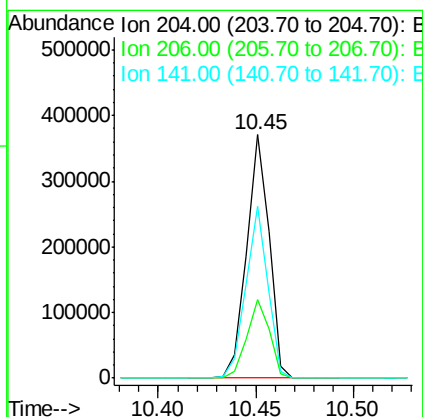
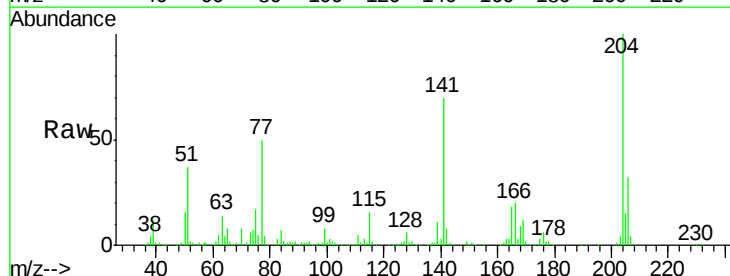
Instrument :
BNA_F
ClientSampled :

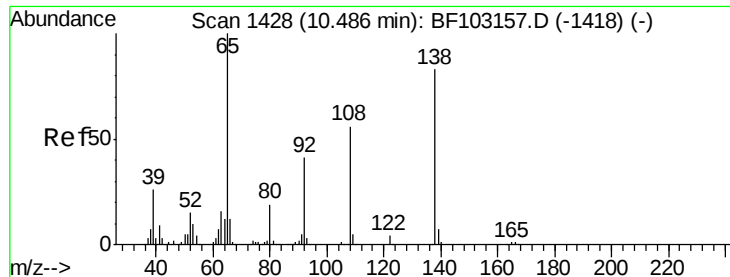
Tot Ion:149 Resp: 762455
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.103 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:204 Resp: 296671
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 70.4 54.6 81.8

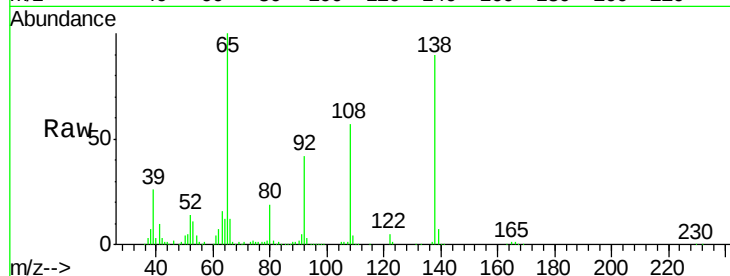




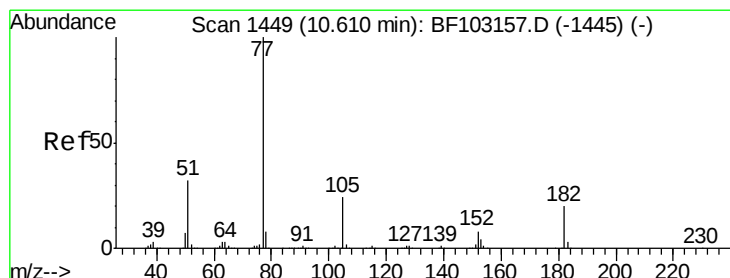
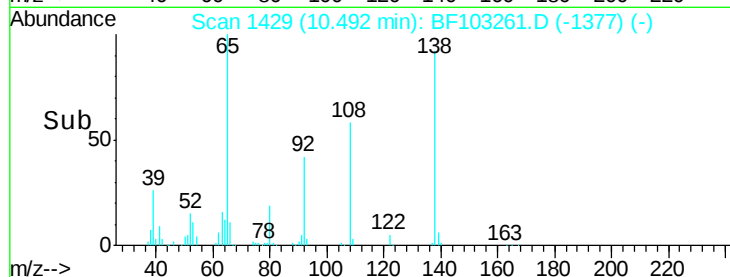
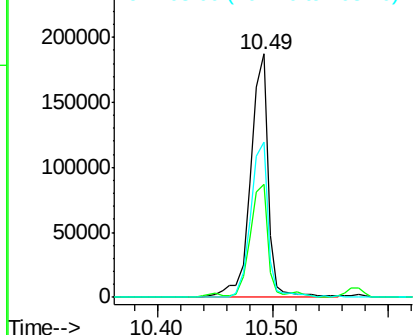
#61
4-Nitroaniline
Concen: 35.467 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 199738
Ion Ratio Lower Upper
138 100
92 46.2 30.2 70.2
108 63.9 52.5 92.5

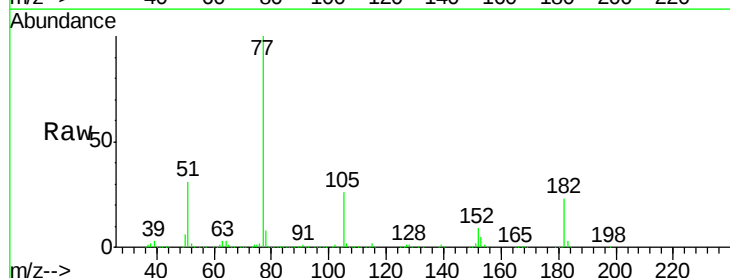


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

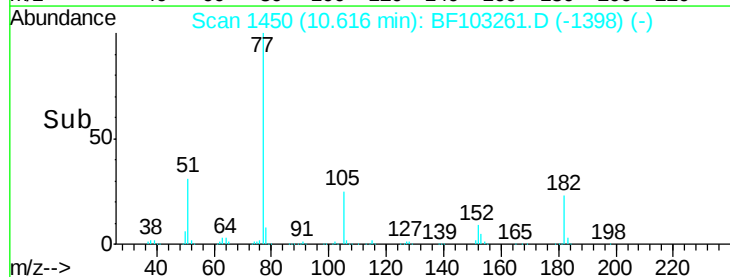
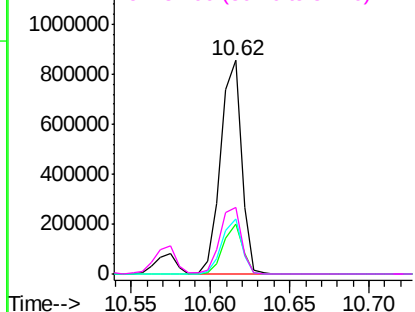


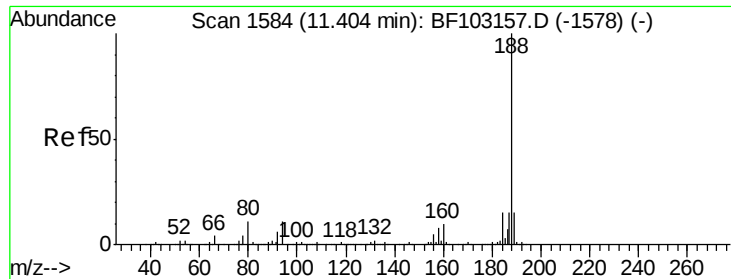
#62
Azobenzene
Concen: 37.926 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion: 77 Resp: 781883
Ion Ratio Lower Upper
77 100
182 23.2 1.7 41.7
105 25.7 3.0 43.0
51 31.4 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

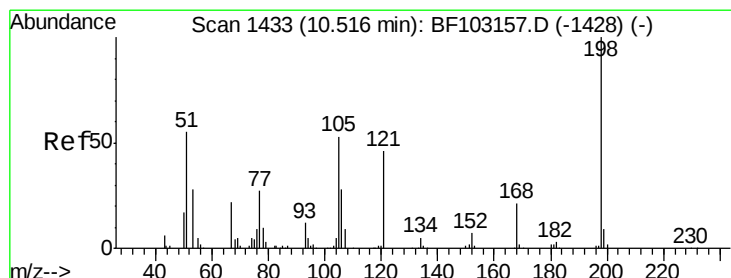
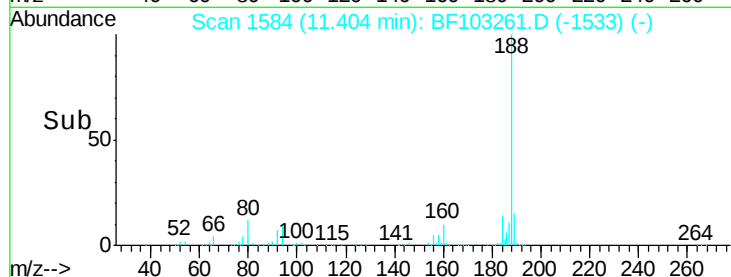
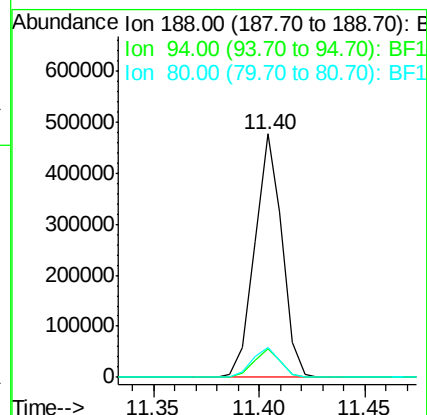
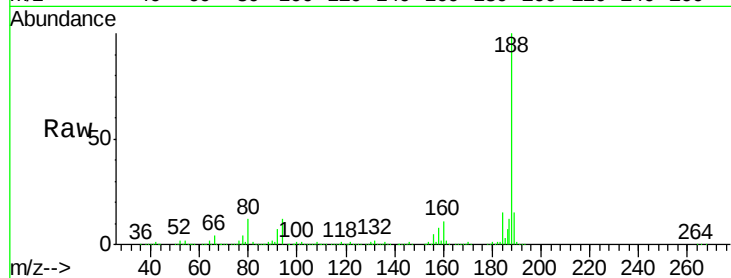




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

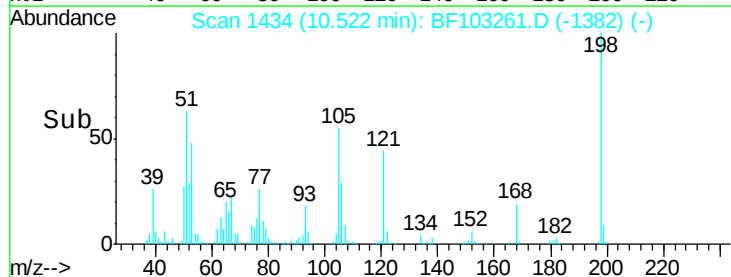
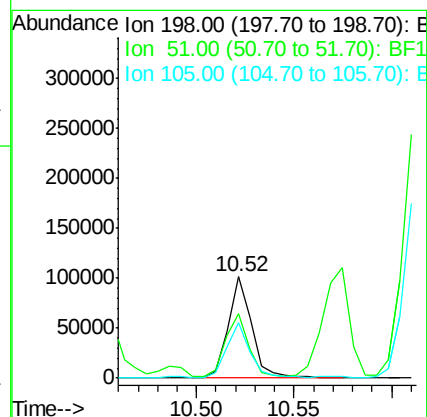
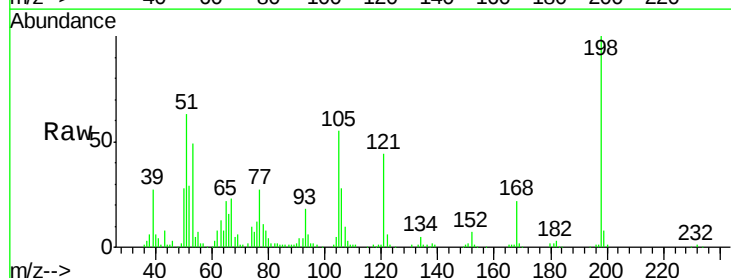
Instrument :
BNA_F
ClientSampleId :

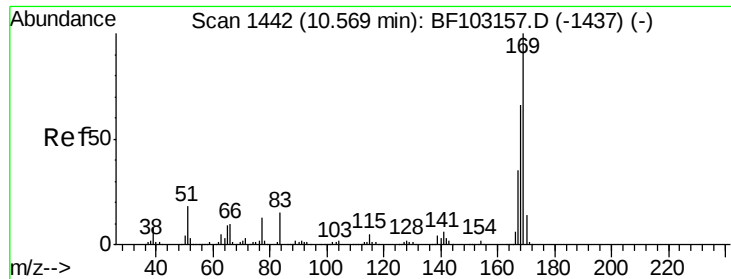
Tot Ion:188 Resp: 427285
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 34.160 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:198 Resp: 84679
Ion Ratio Lower Upper
198 100
51 63.4 37.7 77.7
105 55.2 36.3 76.3

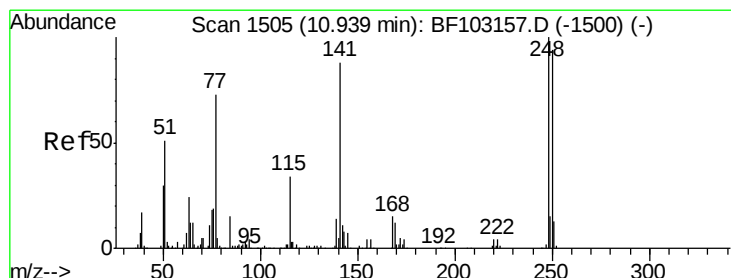
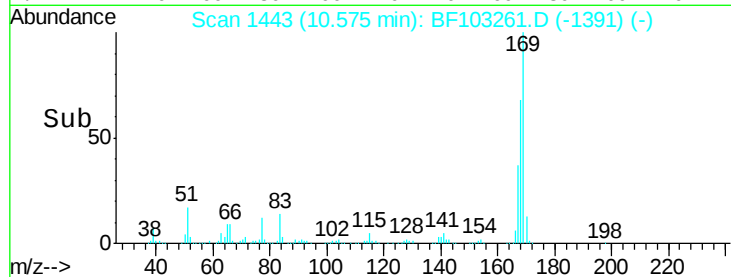
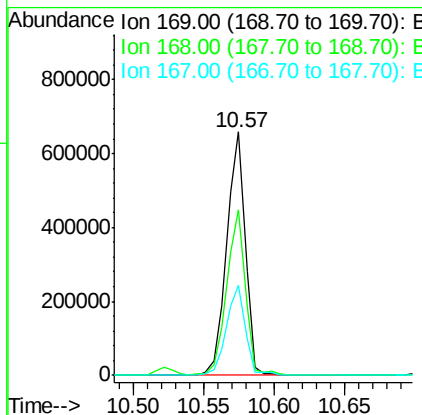
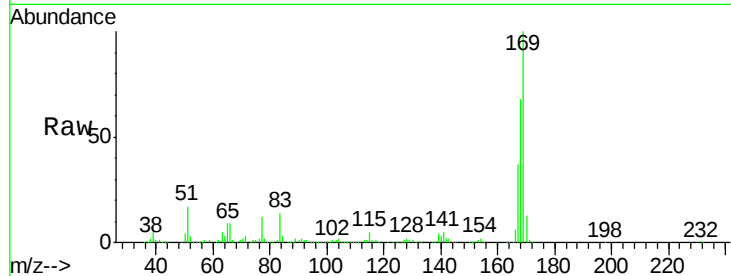




#65
 n-Nitrosodiphenylamine
 Concen: 40.400 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

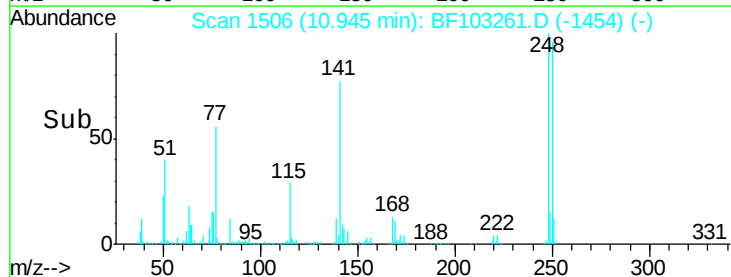
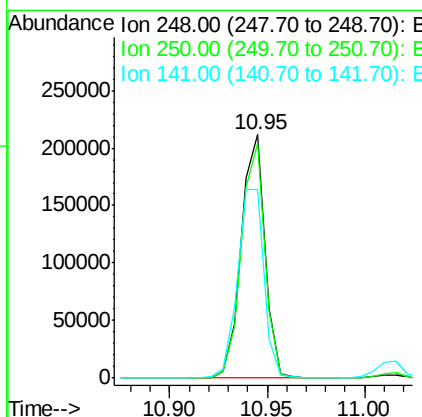
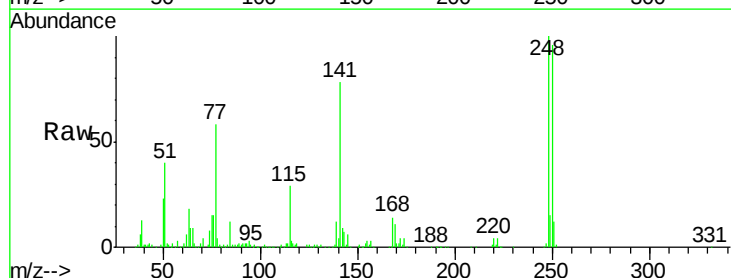
Instrument :
 BNA_F
 ClientSampleId :

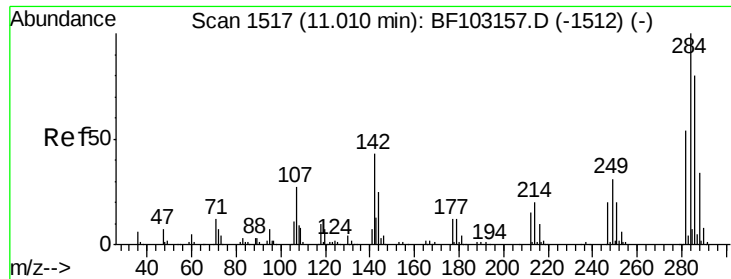
Tot Ion:169 Resp: 601053
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.053 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion:248 Resp: 178277
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 77.6 74.4 111.6

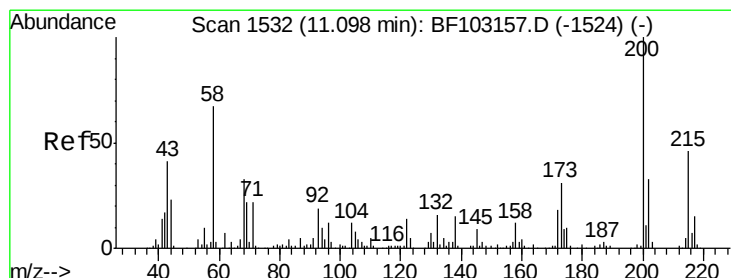
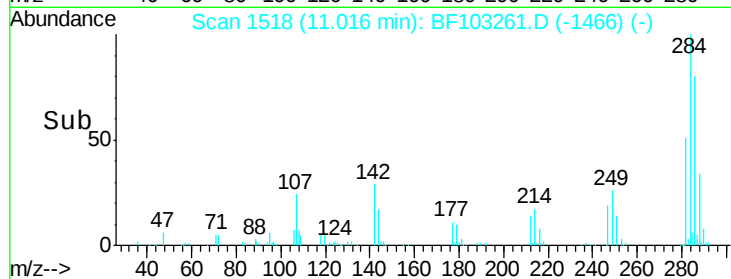
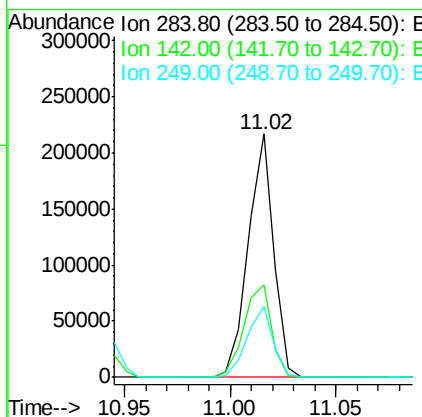
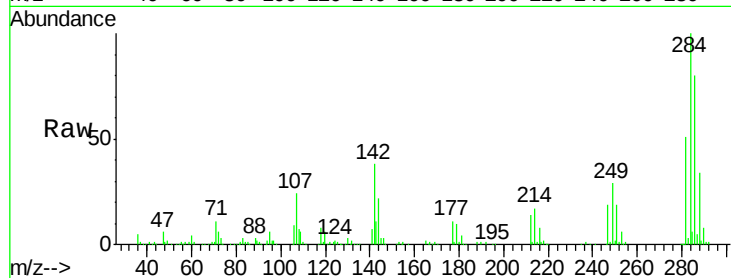




#67
Hexachlorobenzene
Concen: 37.530 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

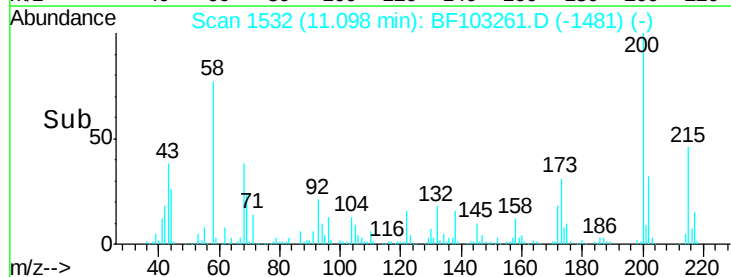
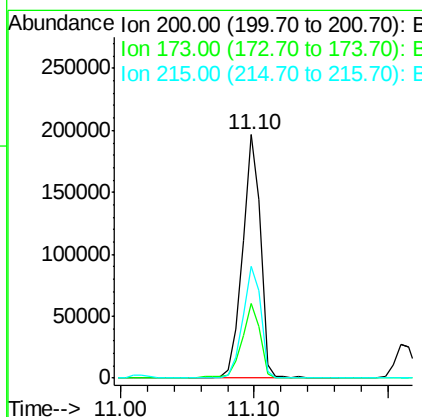
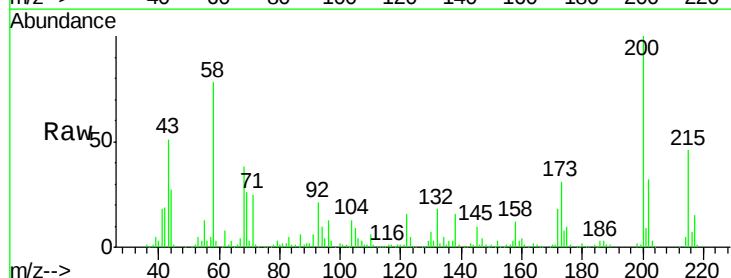
Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 181314
Ion Ratio Lower Upper
284 100
142 37.9 34.6 52.0
249 29.0 24.8 37.2



#68
Atrazine
Concen: 40.730 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:200 Resp: 182133
Ion Ratio Lower Upper
200 100
173 30.7 8.6 48.6
215 45.9 25.1 65.1

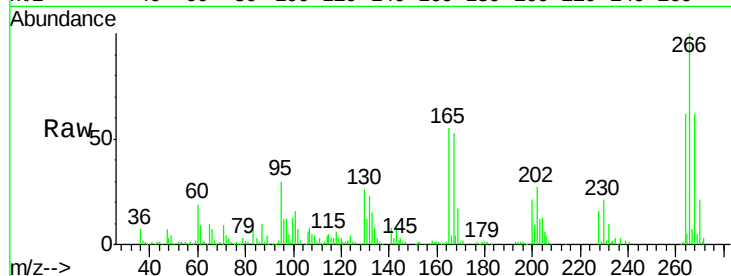




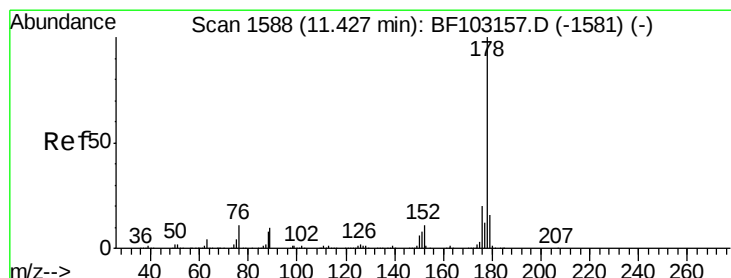
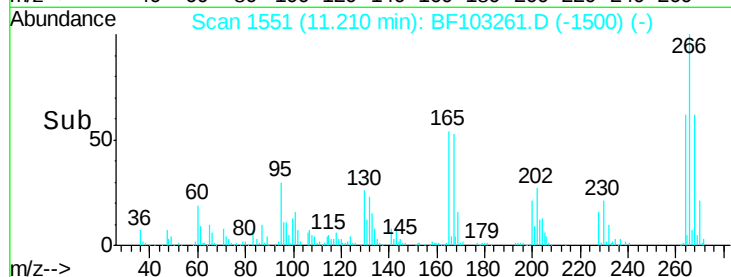
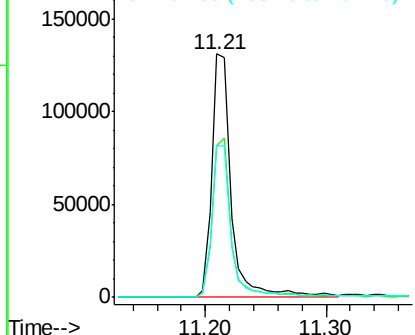
#69
 Pentachlorophenol
 Concen: 62.371 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 145696
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 61.9 49.5 74.3

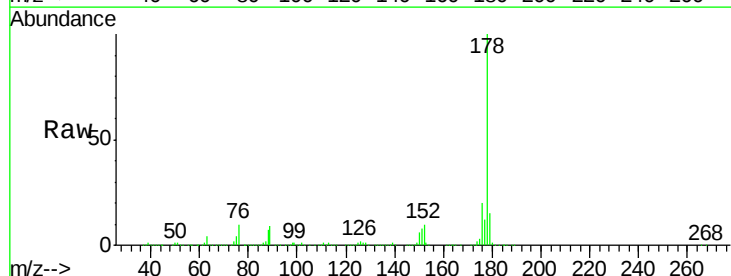


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

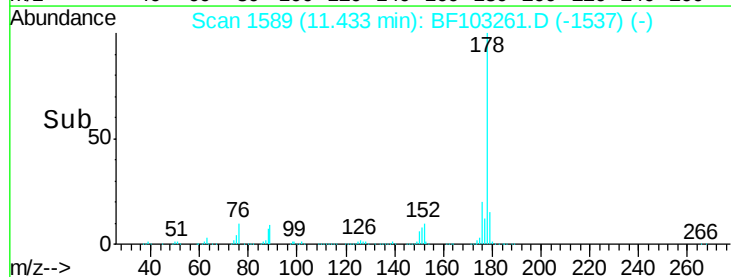
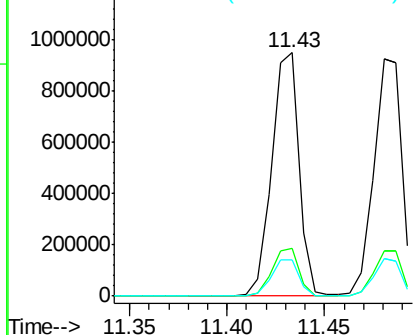


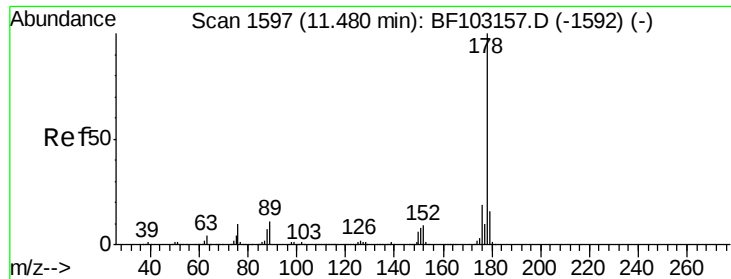
#70
 Phenanthrene
 Concen: 39.159 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion:178 Resp: 920819
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.1 13.0 19.6



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

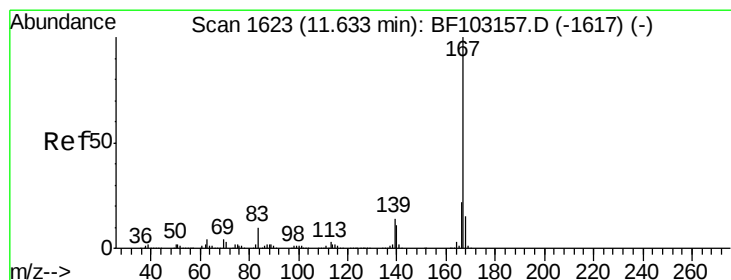
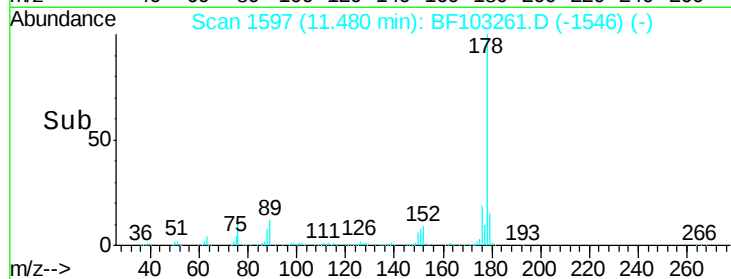
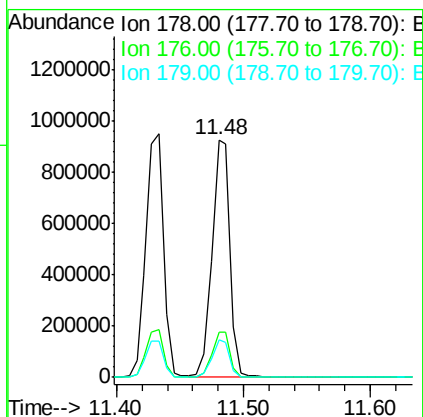
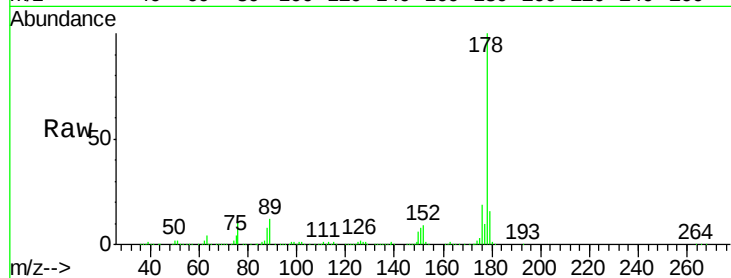




#71
 Anthracene
 Concen: 38.452 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

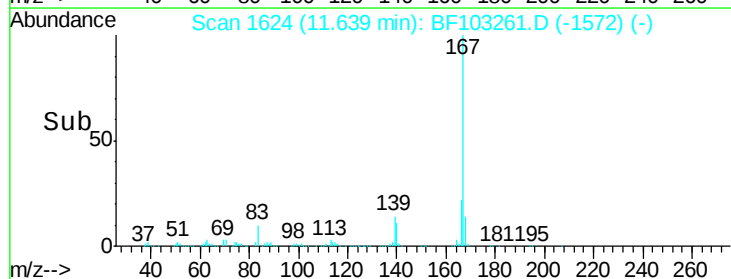
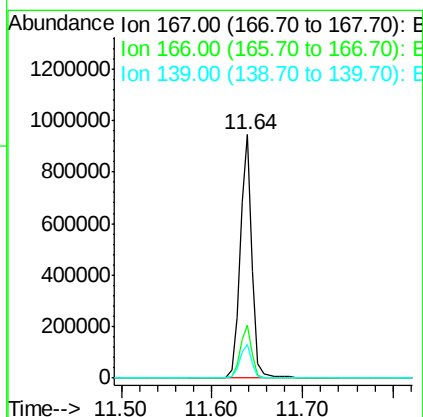
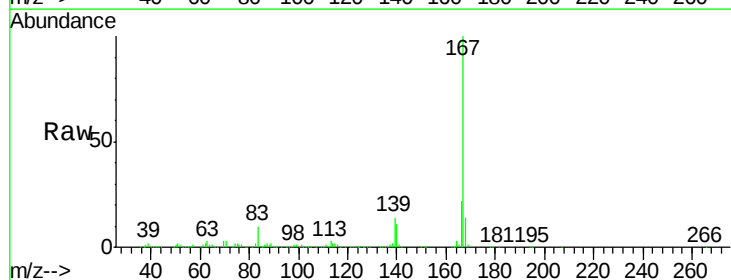
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 927182
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 35.749 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion:167 Resp: 858417
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.9 10.9 16.3

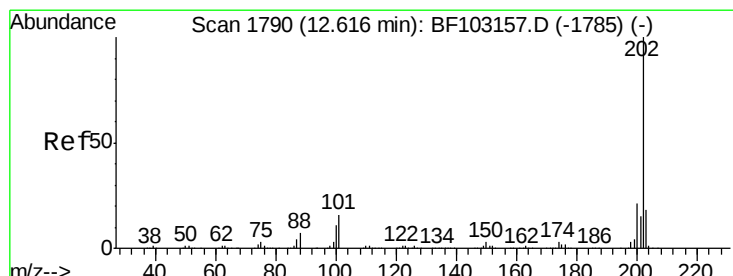
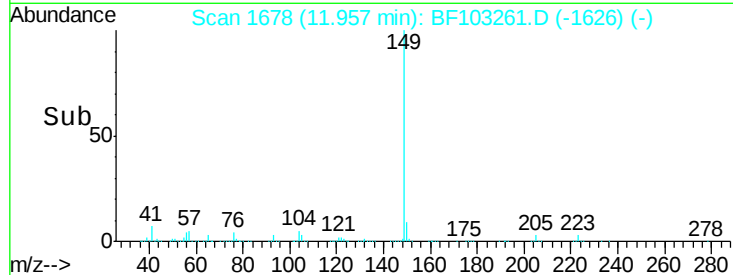
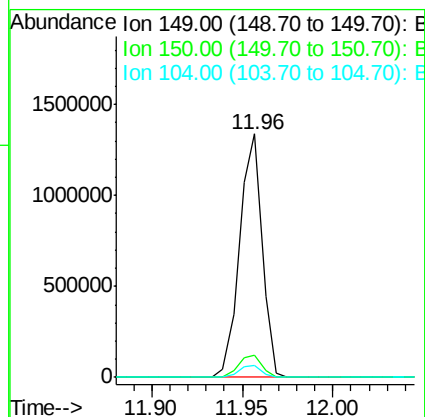
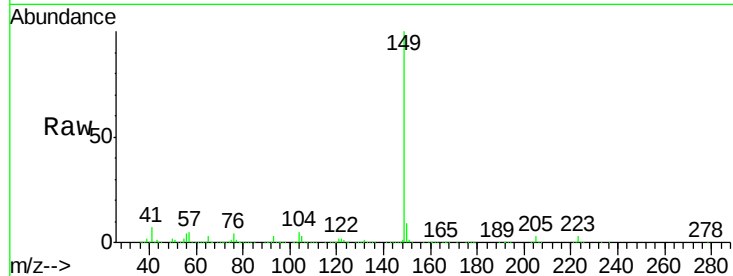




#73
Di-n-butylphthalate
Concen: 38.625 ng
RT: 11.96 min Scan# 1678
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

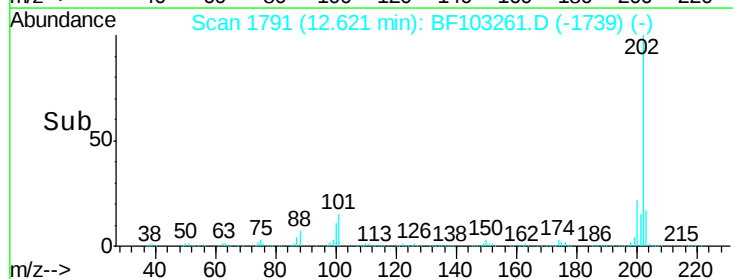
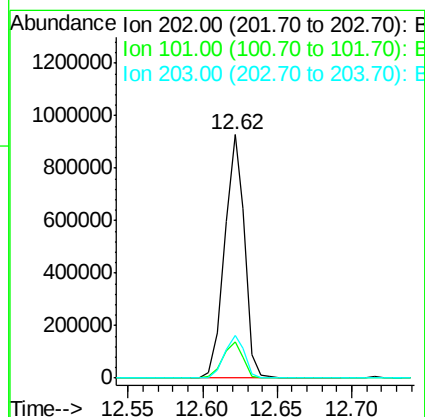
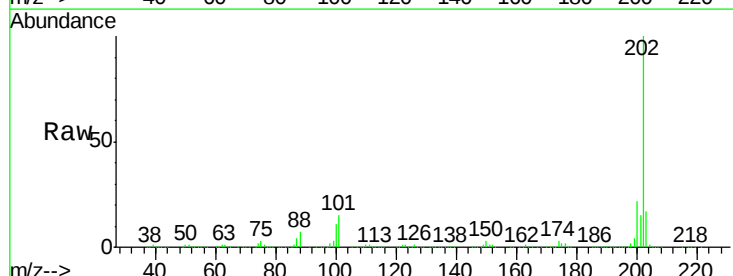
Instrument :
BNA_F
ClientSampleId :

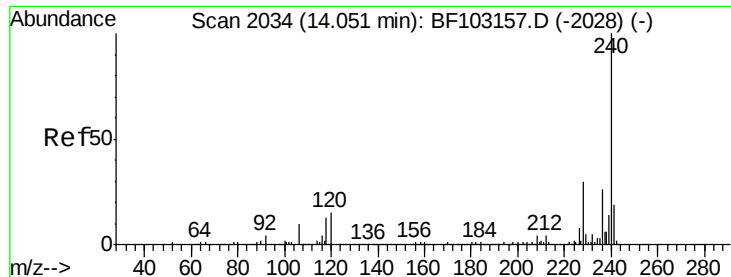
Tot Ion:149 Resp: 1160551
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 37.041 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:202 Resp: 875278
Ion Ratio Lower Upper
202 100
101 15.1 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

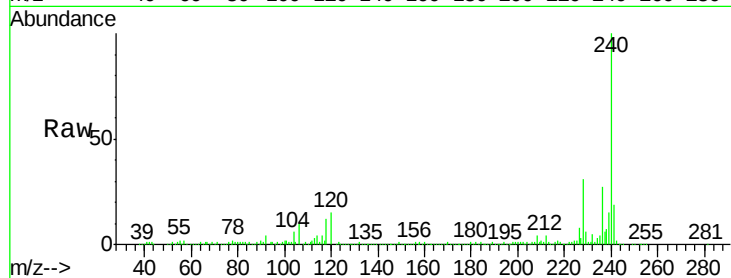
Tot Ion:240 Resp: 239621

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

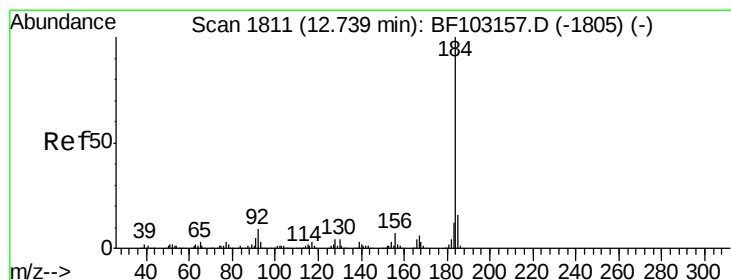
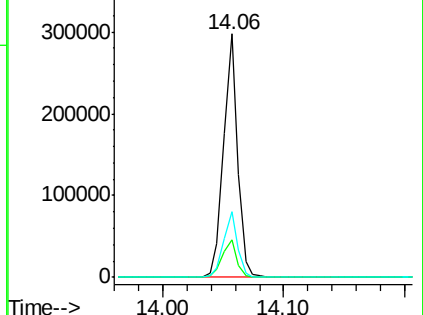
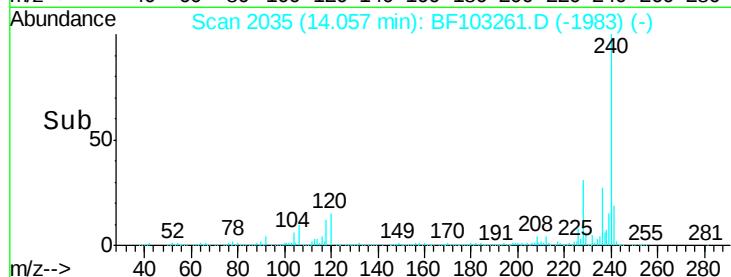
236 27.2 20.7 31.1



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: 47.010 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

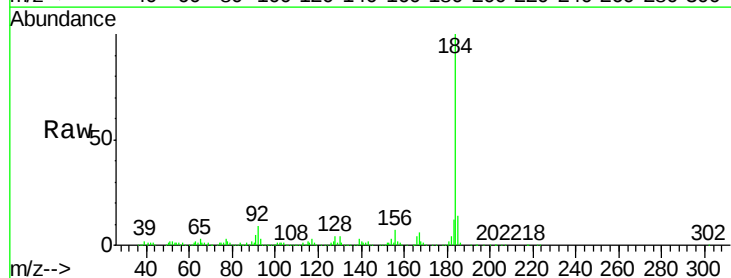
Tgt Ion:184 Resp: 421133

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

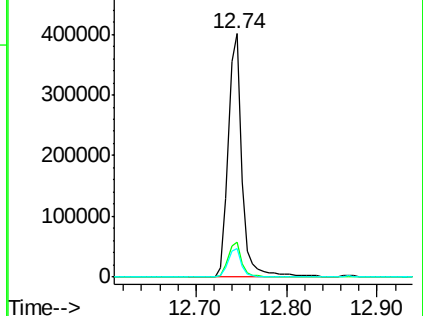
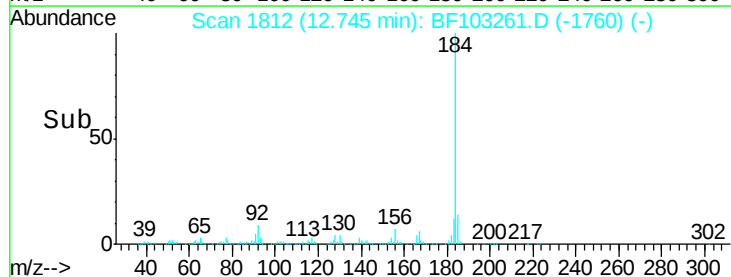
183 11.6 9.3 13.9

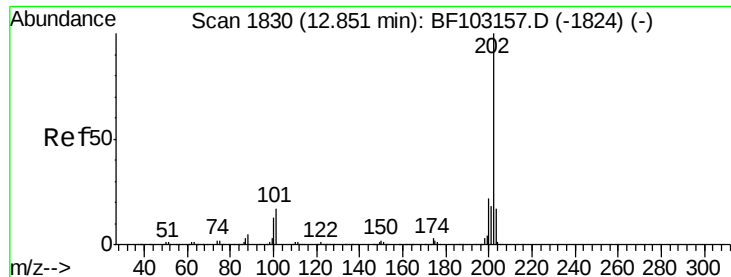


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

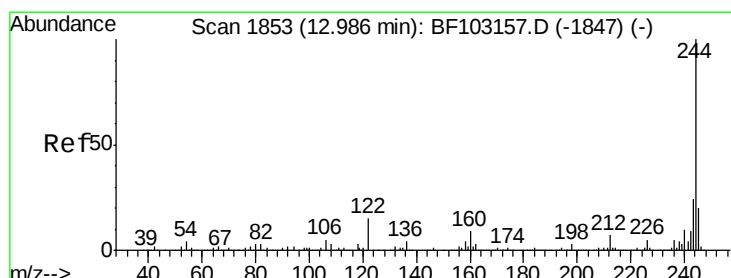
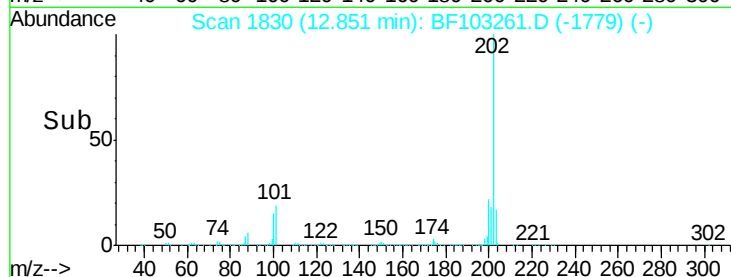
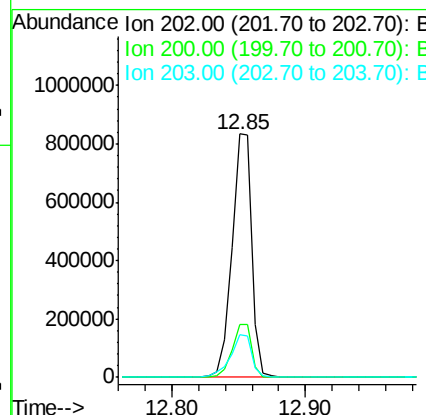
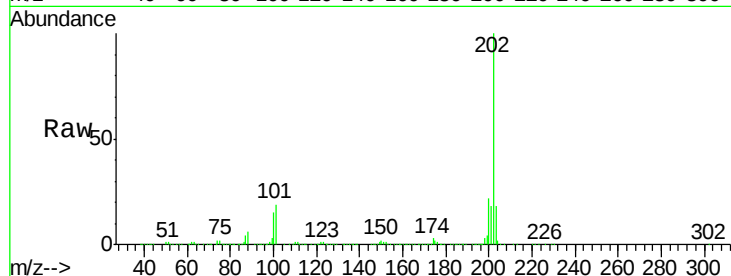




#77
Pvrene
Concen: 46.659 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

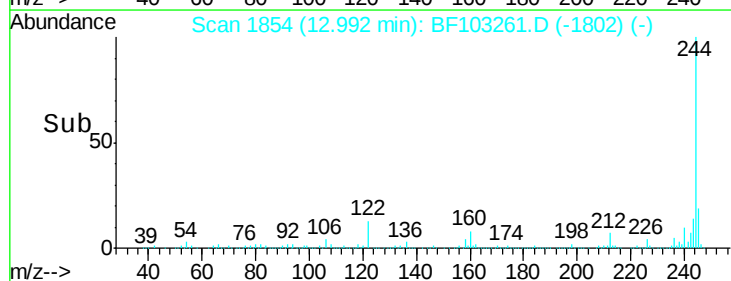
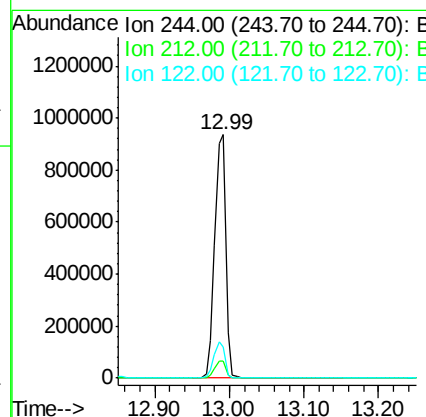
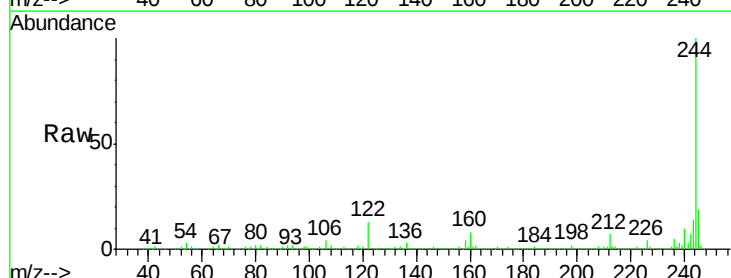
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 871702
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 96.310 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:244 Resp: 960033
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.6 11.0 16.4

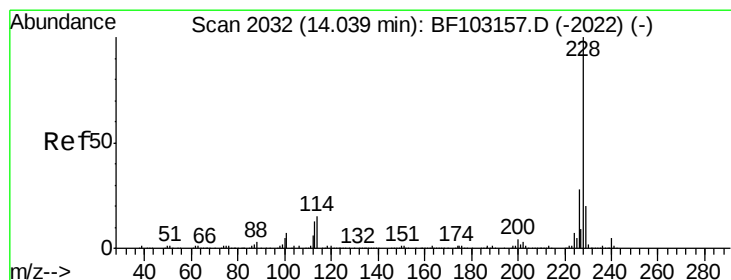
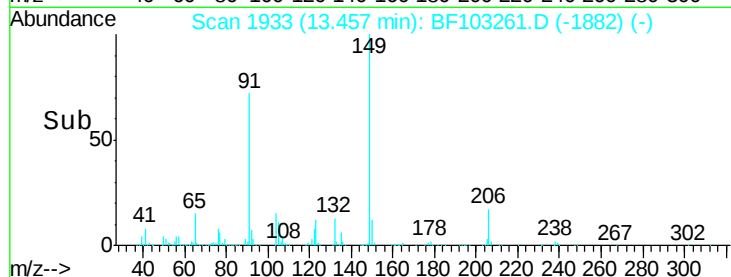
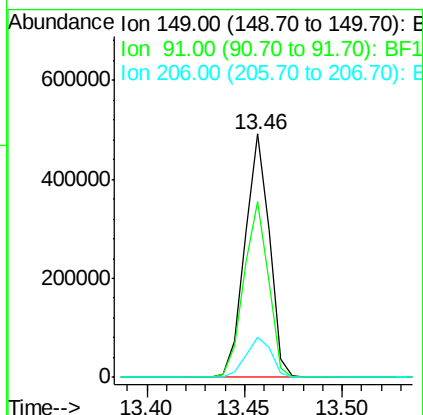
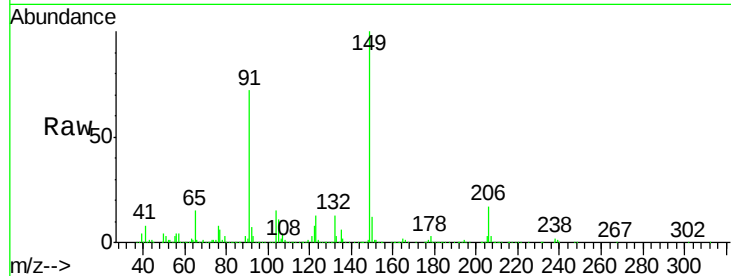




#79
Butylbenzylphthalate
Concen: 42.971 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

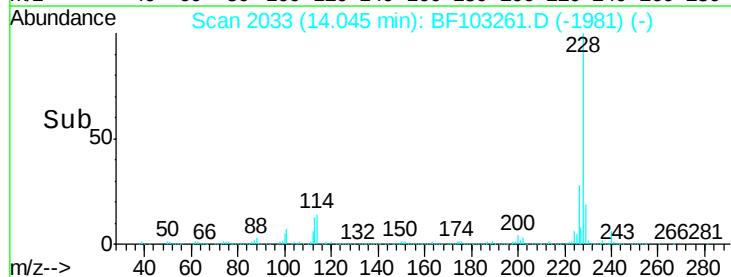
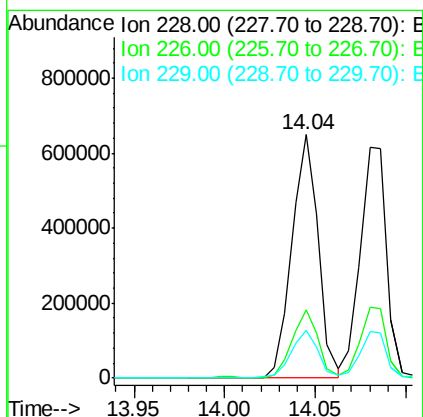
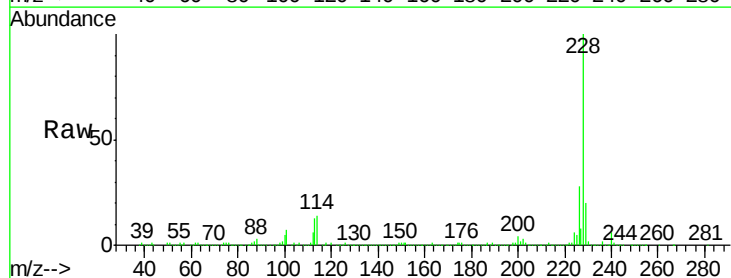
Instrument :
BNA_F
ClientSampleId :

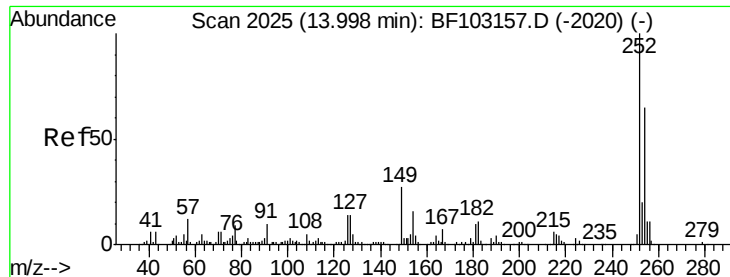
Tot Ion:149 Resp: 424148
Ion Ratio Lower Upper
149 100
91 72.0 56.8 85.2
206 16.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.701 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:228 Resp: 663901
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.5 15.8 23.6

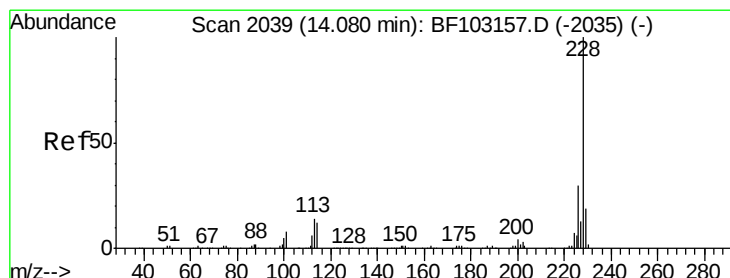
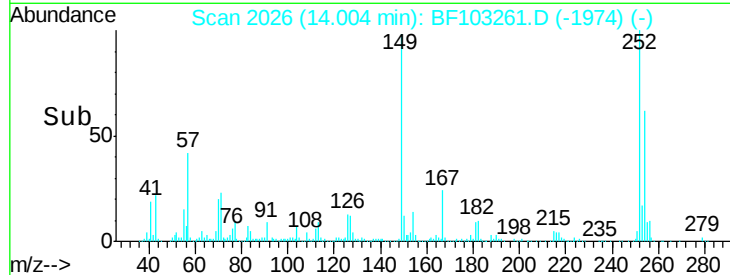
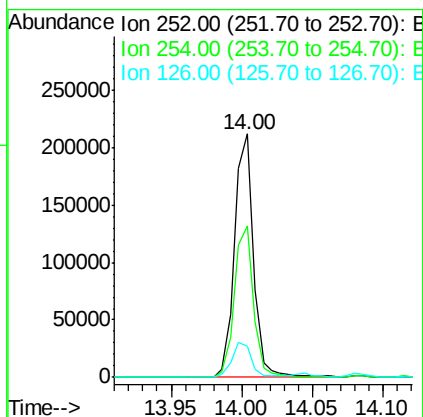
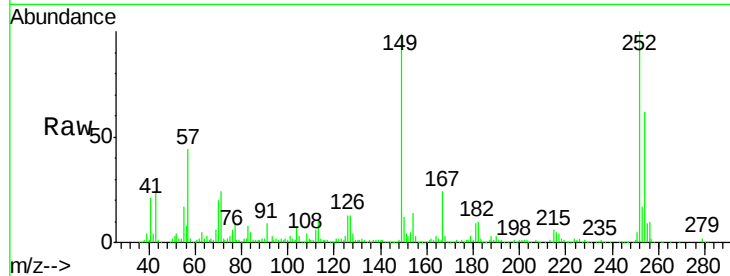




#81
 3,3'-Dichlorobenzidine
 Concen: 35.989 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

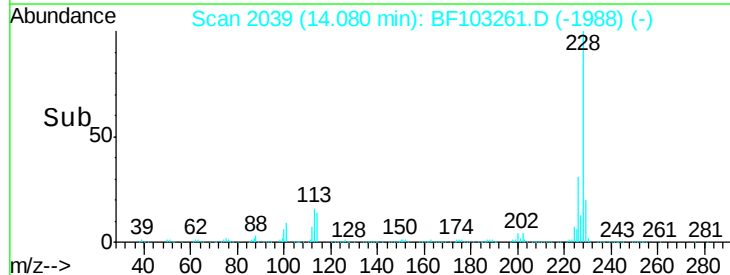
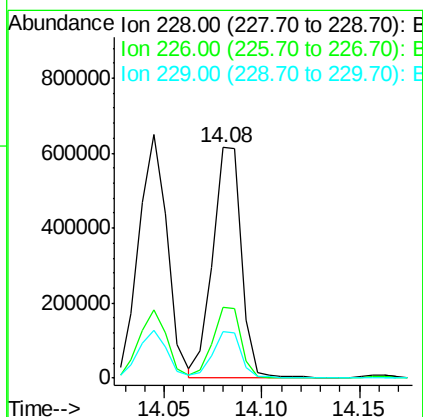
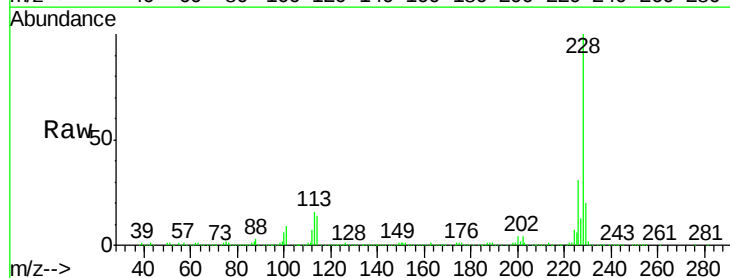
Instrument :
 BNA_F
 ClientSampleId :

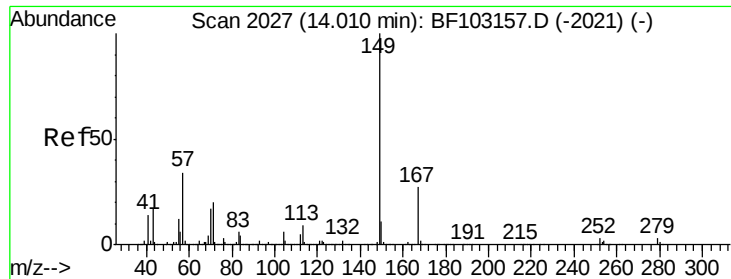
Tot Ion:252 Resp: 199686
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.4 75.6
 126 12.9 11.3 16.9



#82
 Chrysene
 Concen: 41.364 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion:228 Resp: 624444
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.2 16.2 24.4

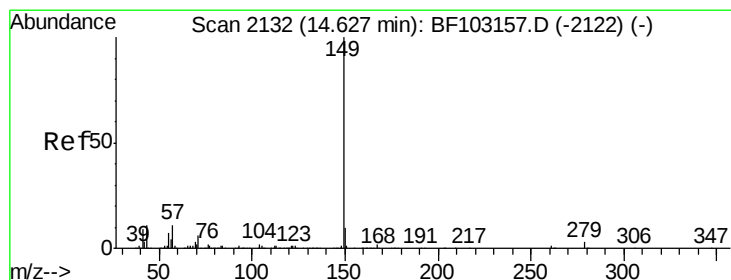
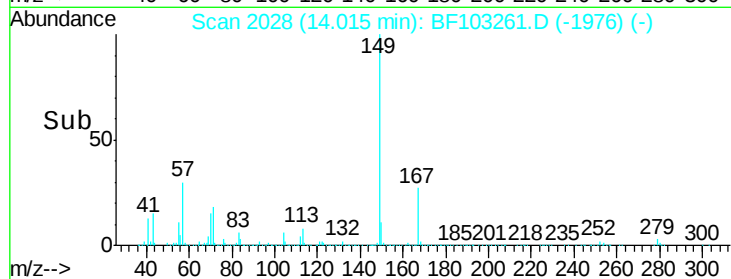
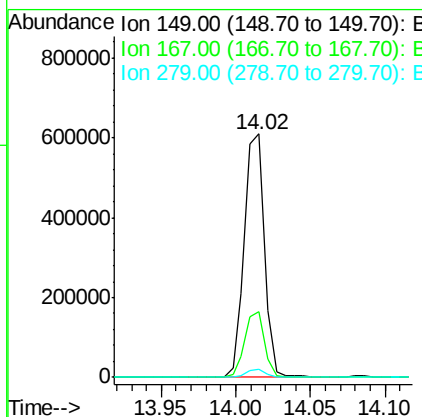
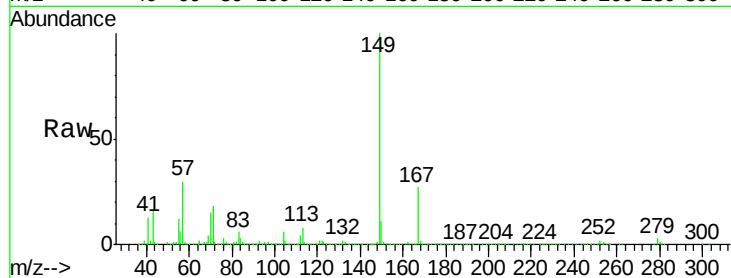




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.867 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

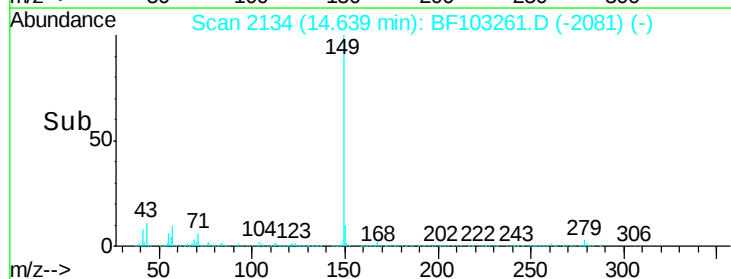
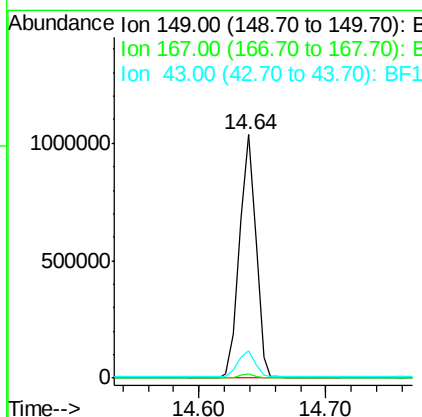
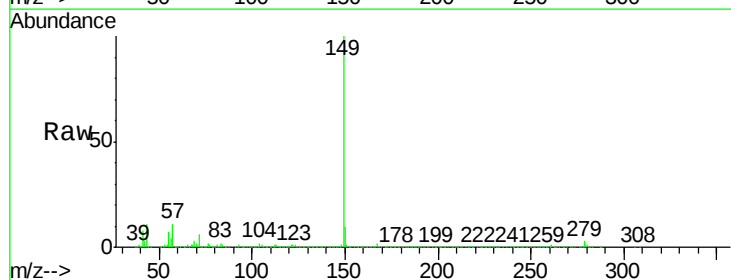
Instrument :
 BNA_F
 ClientSampleId :

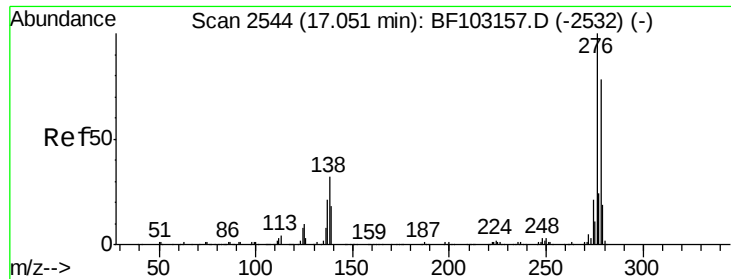
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.5	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 42.737 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.01 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6

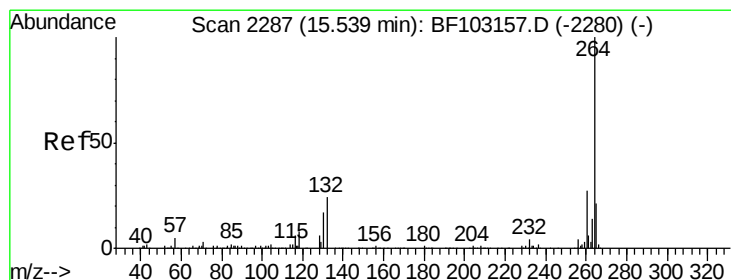
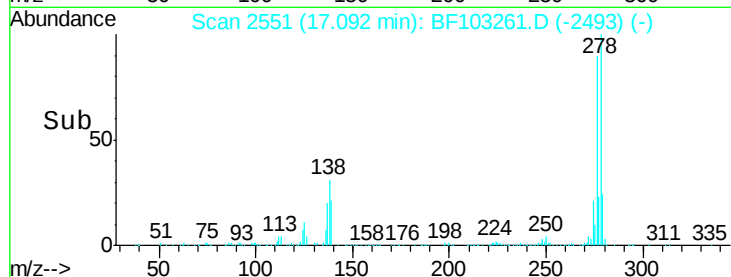
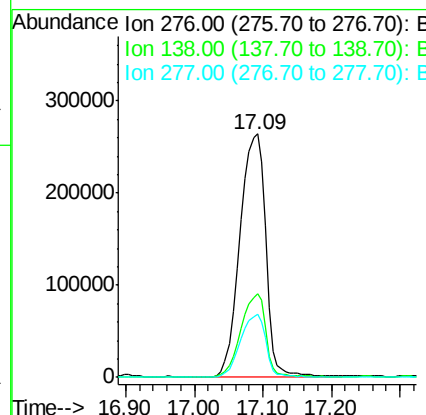
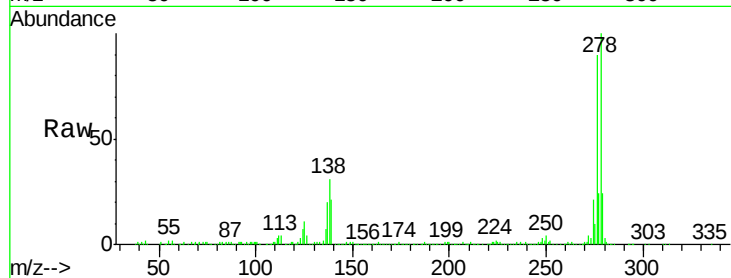




#85
Indeno(1,2,3-cd)pyrene
Concen: 57.924 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.04 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

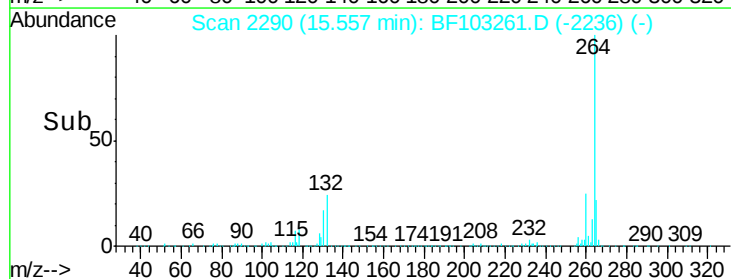
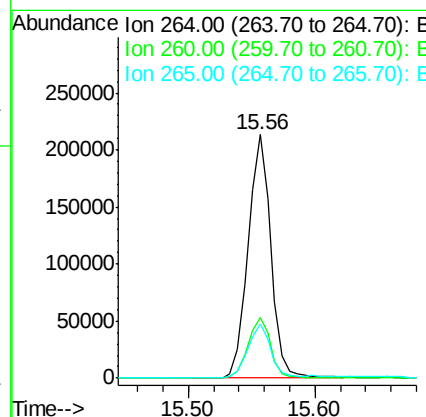
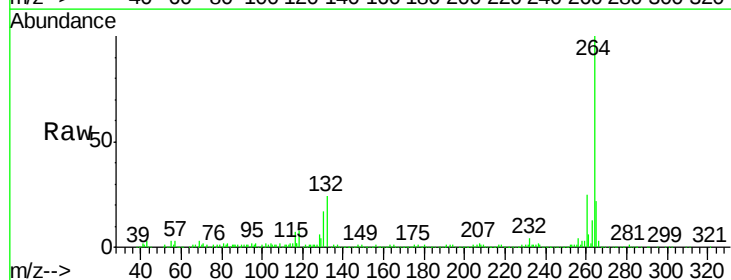
Instrument :
BNA_F
ClientSampleId :

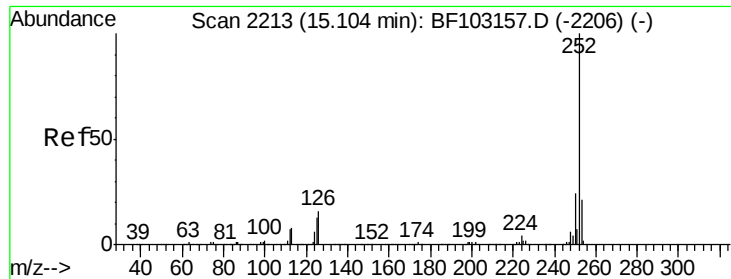
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.0	37.6
277	25.0	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.233 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.02 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

Instrument :

BNA_F

ClientSampleId :

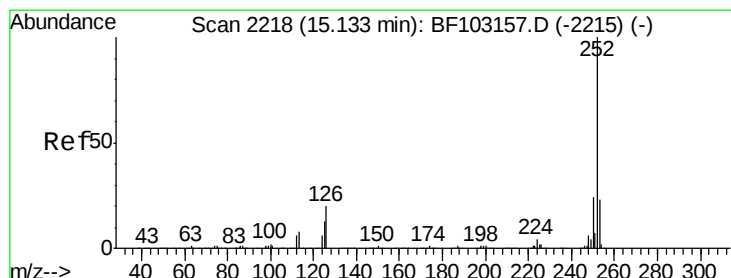
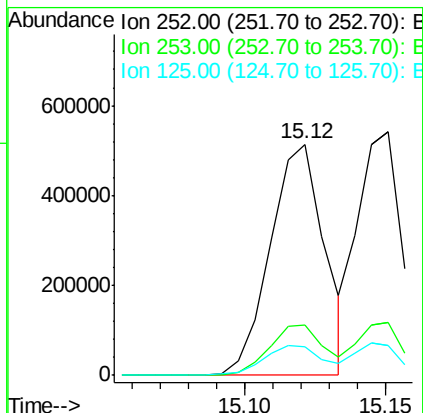
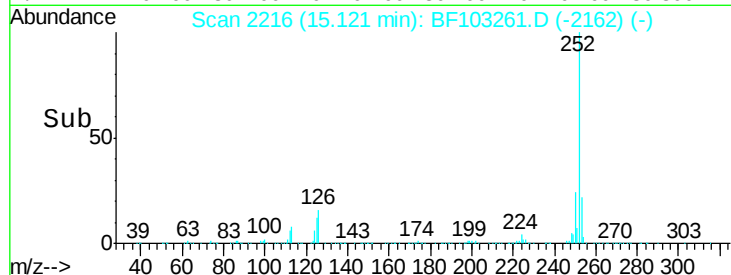
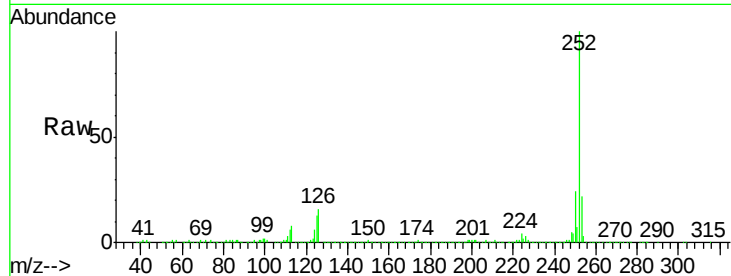
Tot Ion:252 Resp: 685658

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 12.6 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 35.781 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.02 min

Lab File: BF103261.D

Acq: 27 Feb 2018 14:28

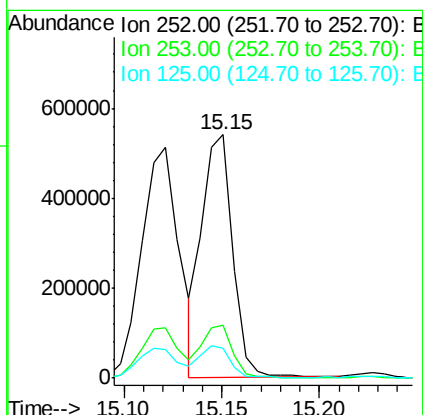
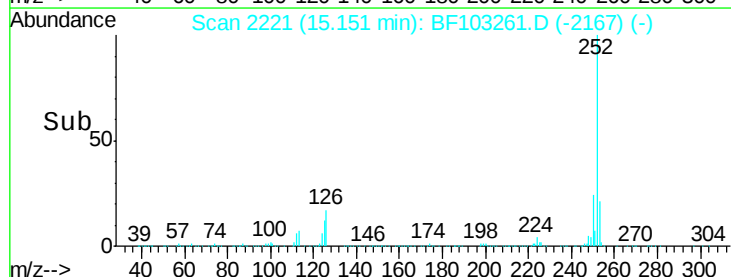
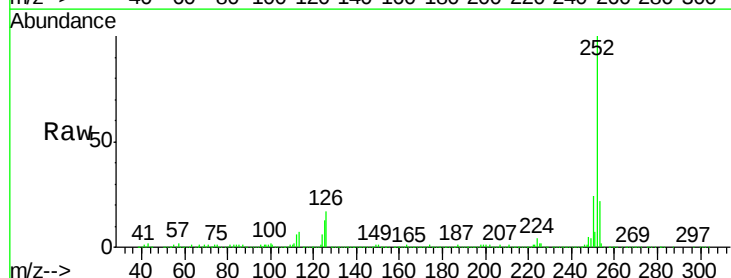
Tgt Ion:252 Resp: 588850

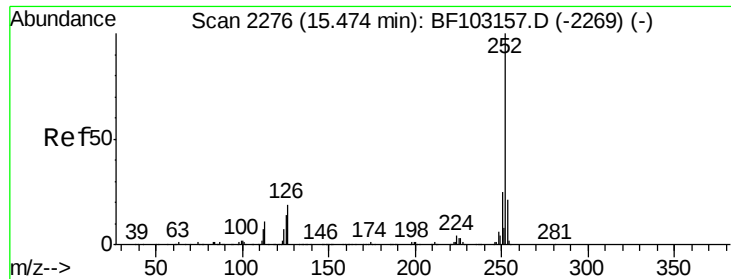
Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 12.5 10.2 15.2

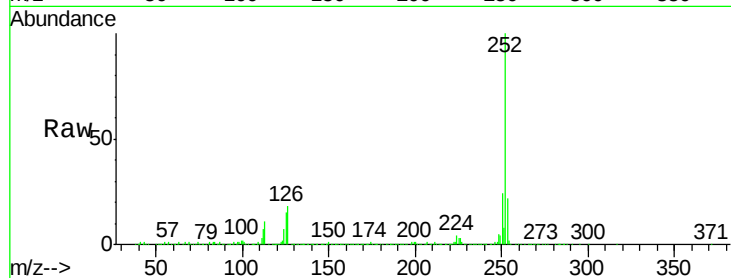




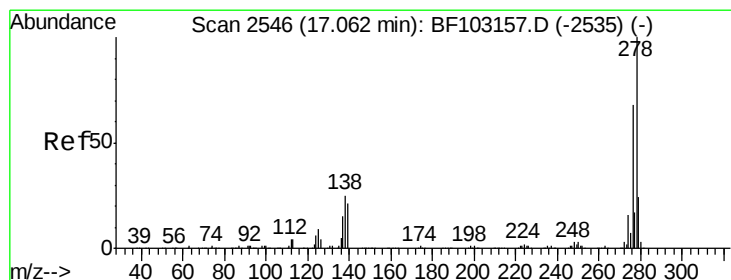
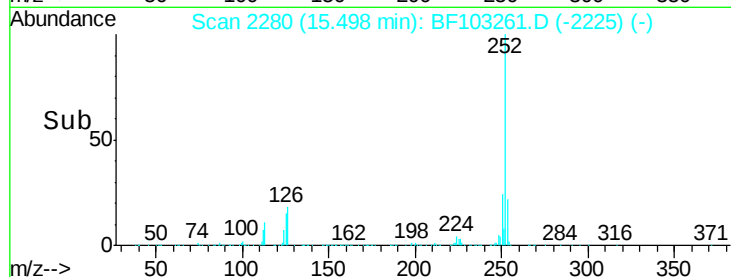
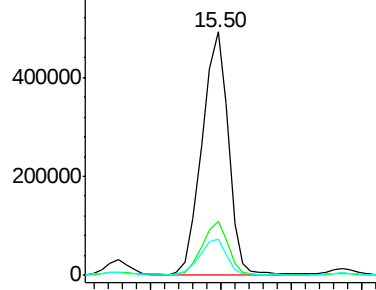
#89
Benzo(a)pyrene
Concen: 41.185 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 642758
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 14.8 9.8 14.6#

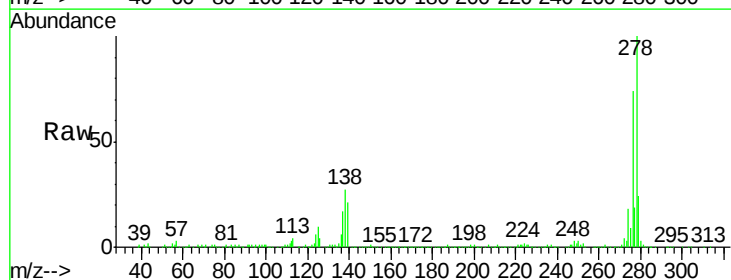


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

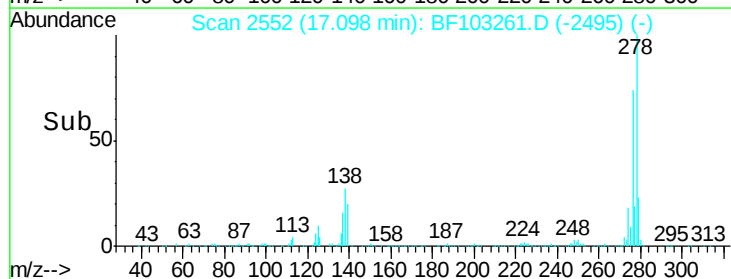
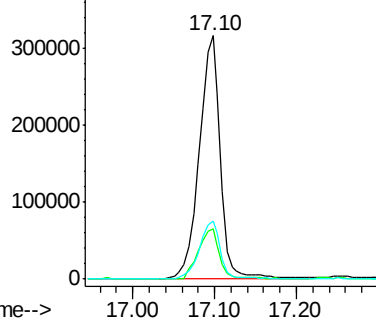


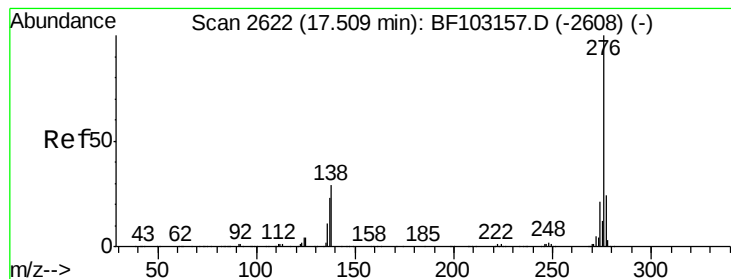
#90
Dibenzo(a,h)anthracene
Concen: 46.532 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.04 min
Lab File: BF103261.D
Acq: 27 Feb 2018 14:28

Tgt Ion:278 Resp: 561156
Ion Ratio Lower Upper
278 100
139 20.6 15.9 23.9
279 23.6 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

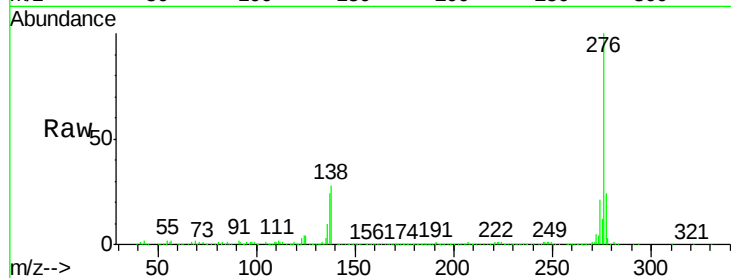




#91
 Benzo(a,h,i)perylene
 Concen: 49.584 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.04 min
 Lab File: BF103261.D
 Acq: 27 Feb 2018 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	28.0	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

