

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103512.D
 Acq On : 8 Mar 2018 13:14
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 14:20:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143332	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	615111	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	290378	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	499865	20.00	ng	0.00
75) Chrysene-d12	14.06	240	338977	20.00	ng	0.00
86) Perylene-d12	15.57	264	330401	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	730862	77.12	ng	0.00
7) Phenol-d6	6.50	99	913208	78.75	ng	0.00
23) Nitrobenzene-d5	7.44	82	869840	80.76	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	166830	67.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1275290	73.17	ng	0.00
78) Terphenyl-d14	12.99	244	1008863	71.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	184214	36.803	ng	93
3) Pyridine	3.42	79	475498	35.584	ng	97
4) n-Nitrosodimethylamine	3.37	42	189409	35.146	ng	# 94
6) Aniline	6.53	93	629759	37.628	ng	# 84
8) 2-Chlorophenol	6.65	128	392285	39.846	ng	89
9) Benzaldehyde	6.42	77	252122	34.325	ng	94
10) Phenol	6.52	94	515576	38.298	ng	86
11) bis(2-Chloroethyl)ether	6.60	93	409910	40.118	ng	93
12) 1,3-Dichlorobenzene	6.80	146	437826	38.916	ng	97
13) 1,4-Dichlorobenzene	6.88	146	454145	40.262	ng	99
14) 1,2-Dichlorobenzene	7.03	146	392791	37.765	ng	99
15) Benzyl Alcohol	7.02	79	317668	36.353	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	644075	36.709	ng	68
17) 2-Methylphenol	7.12	107	346797	38.762	ng	# 92
18) Hexachloroethane	7.37	117	156992	38.233	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	296411	41.070	ng	95
20) 3+4-Methylphenols	7.28	107	447004	40.987	ng	# 53
22) Acetophenone	7.28	105	579557	40.366	ng	# 89
24) Nitrobenzene	7.46	77	491149	41.416	ng	97
25) Isophorone	7.69	82	837870	39.497	ng	95
26) 2-Nitrophenol	7.77	139	226295	40.535	ng	93
27) 2,4-Dimethylphenol	7.80	122	326888	38.307	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	486717	39.024	ng	97
29) 2,4-Dichlorophenol	8.02	162	321063	39.298	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	329392	37.861	ng	99
31) Naphthalene	8.17	128	1107981	36.792	ng	99
32) Benzoic acid	7.96	122	248658	40.534	ng	96
33) 4-Chloroaniline	8.23	127	512869	39.466	ng	97
34) Hexachlorobutadiene	8.27	225	172330	38.038	ng	98
35) Caprolactam	8.61	113	108552	37.805	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	383278	41.593	ng	99
37) 2-Methylnaphthalene	8.86	142	761380	39.120	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	299950	37.785	ng	99
40) Hexachlorocyclopentadiene	9.00	237	95479	39.216	ng	99

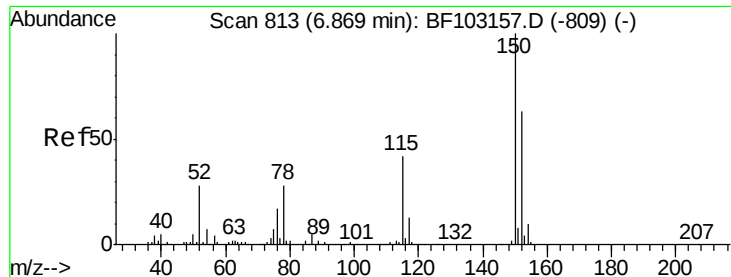
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103512.D
 Acq On : 8 Mar 2018 13:14
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 14:20:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	191124	35.781	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	220291	35.857	ng	98
45) 1,1'-Biphenyl	9.33	154	895858	36.818	ng	99
46) 2-Chloronaphthalene	9.36	162	710644	36.916	ng	99
47) 2-Nitroaniline	9.46	65	281726	39.510	ng	91
48) Acenaphthylene	9.77	152	1050484	35.467	ng	99
49) Dimethylphthalate	9.63	163	804742	34.546	ng	99
50) 2,6-Dinitrotoluene	9.70	165	174431	35.682	ng	94
51) Acenaphthene	9.95	154	611864	35.428	ng	99
52) 3-Nitroaniline	9.88	138	231825	37.379	ng	100
53) 2,4-Dinitrophenol	10.00	184	53483	36.267	ng	# 22
54) Dibenzofuran	10.12	168	846027	35.685	ng	96
55) 4-Nitrophenol	10.06	139	123765	32.198	ng	90
56) 2,4-Dinitrotoluene	10.12	165	210470	34.043	ng	# 75
57) Fluorene	10.46	166	708574	35.084	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	136505	33.076	ng	# 93
59) Diethylphthalate	10.32	149	806927	36.219	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	309027	36.082	ng	100
61) 4-Nitroaniline	10.50	138	220809	35.644	ng	97
62) Azobenzene	10.61	77	871939	38.449	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	98458	33.982	ng	94
65) n-Nitrosodiphenylamine	10.57	169	640952	36.827	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	182851	35.116	ng	93
67) Hexachlorobenzene	11.01	284	198785	35.172	ng	98
68) Atrazine	11.10	200	180132	34.434	ng	99
69) Pentachlorophenol	11.22	266	106364	38.922	ng	98
70) Phenanthrene	11.43	178	994039	36.135	ng	99
71) Anthracene	11.48	178	1051145	37.263	ng	99
72) Carbazole	11.64	167	1063508	37.859	ng	99
73) Di-n-butylphthalate	11.95	149	1291687	36.747	ng	99
74) Fluoranthene	12.62	202	990873	35.845	ng	98
76) Benzidine	12.74	184	531877	41.970	ng	99
77) Pyrene	12.86	202	1004888	38.023	ng	99
79) Butylbenzylphthalate	13.45	149	554671	39.723	ng	93
80) Benzo(a)anthracene	14.05	228	826607	37.583	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	275473	35.096	ng	98
82) Chrysene	14.09	228	808435	37.856	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	679838	36.079	ng	98
84) Di-n-octyl phthalate	14.63	149	1219789	40.066	ng	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	638619	37.773	ng	97
87) Benzo(b)fluoranthene	15.13	252	744868	34.288	ng	98
88) Benzo(k)fluoranthene	15.16	252	776660	37.967	ng	99
89) Benzo(a)pyrene	15.51	252	705766	36.381	ng	98
90) Dibenzo(a,h)anthracene	17.12	278	541095	36.097	ng	98
91) Benzo(g,h,i)perylene	17.58	276	527868	36.031	ng	97

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

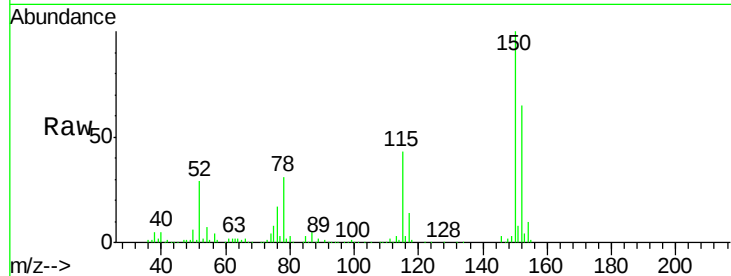


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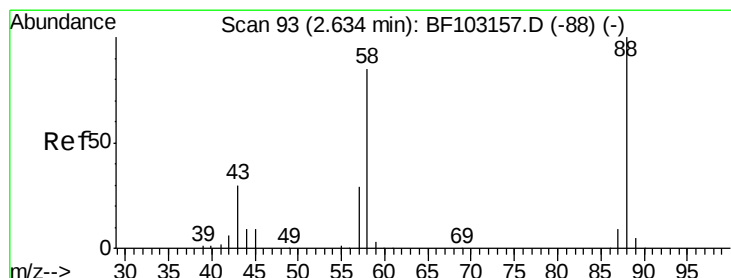
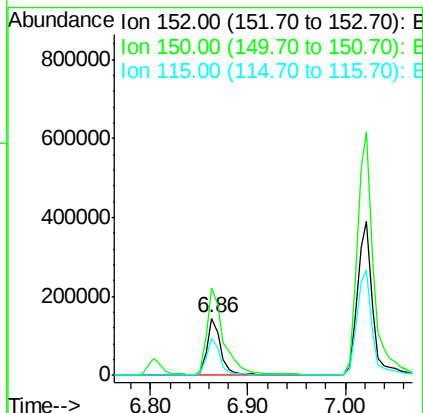
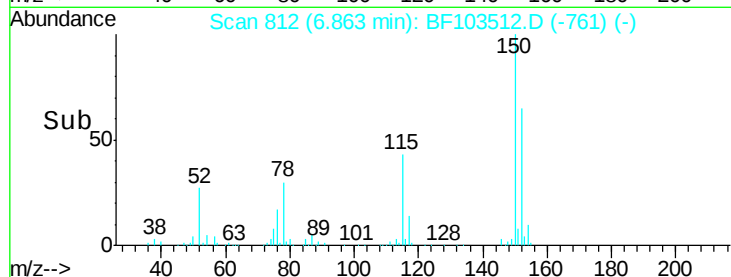
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143332
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 65.9 50.1 75.1



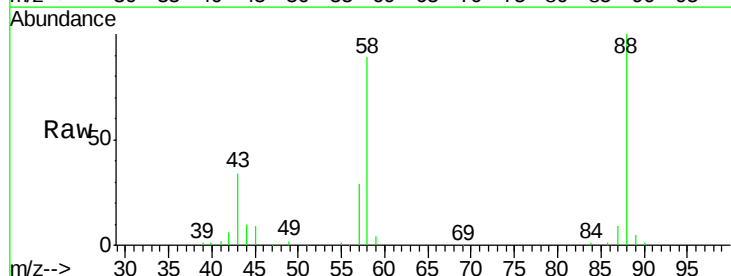
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



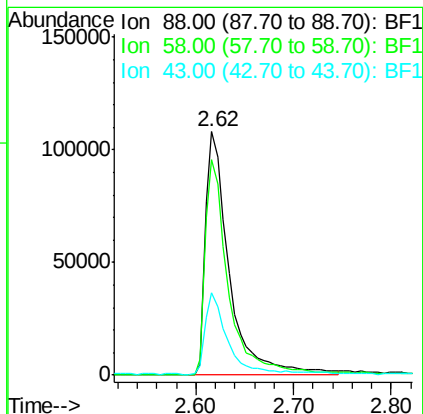
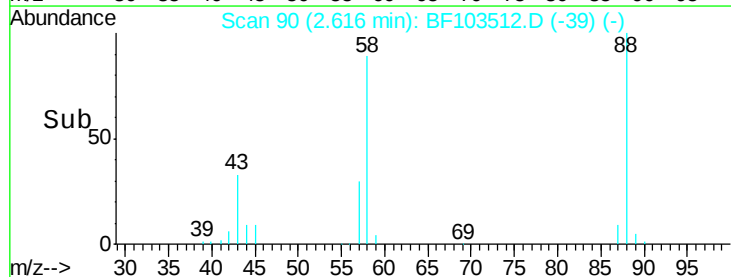
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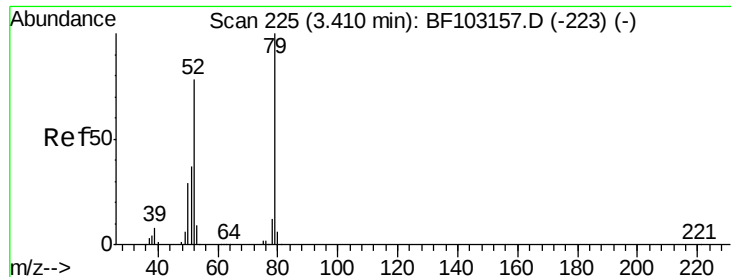
1,4-Dioxane
Concen: 36.803 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion: 88 Resp: 184214
Ion Ratio Lower Upper
88 100
58 86.0 62.6 93.8
43 32.5 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

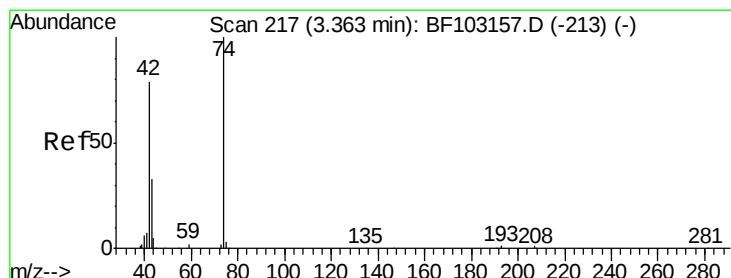
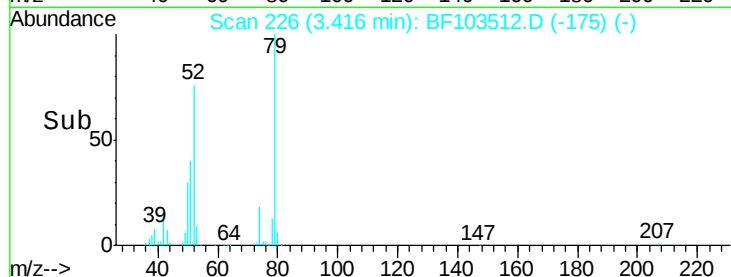
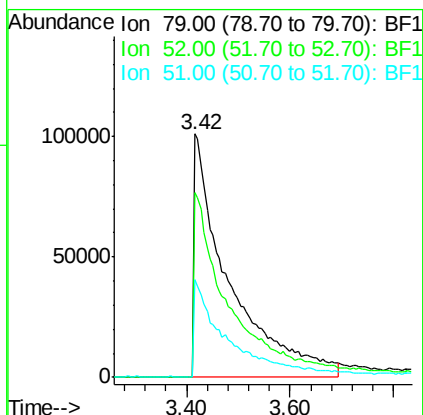
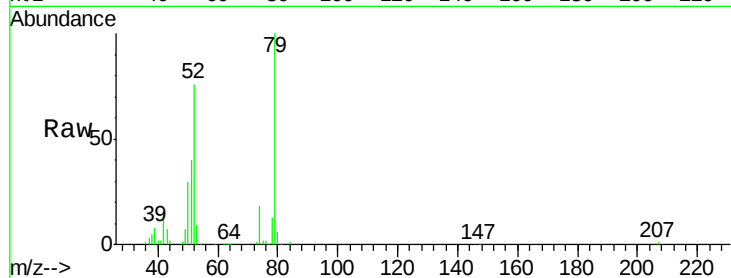




#3
 Pvridine
 Concen: 35.584 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

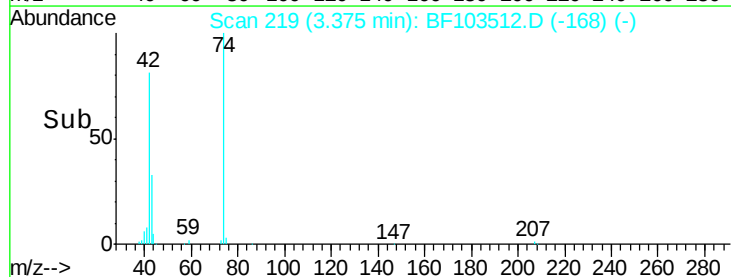
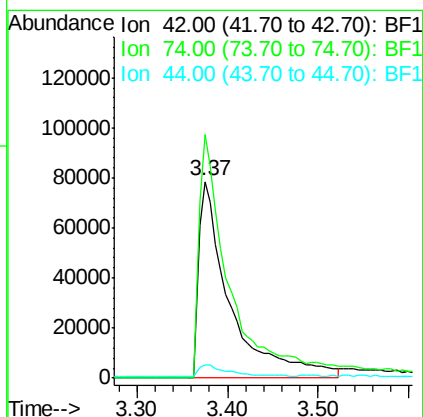
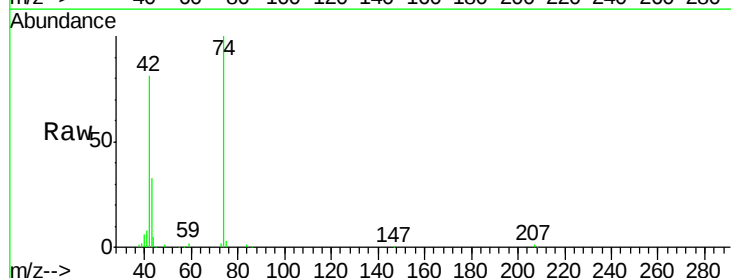
Instrument :
 BNA_F
 ClientSampleId :

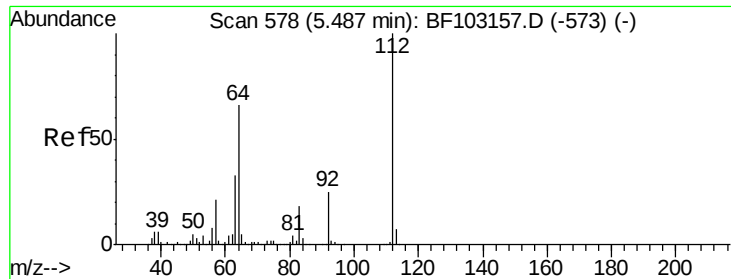
Tot Ion: 79 Resp: 475498
 Ion Ratio Lower Upper
 79 100
 52 76.1 59.8 89.6
 51 40.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 35.146 ng
 RT: 3.37 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Tgt Ion: 42 Resp: 189409
 Ion Ratio Lower Upper
 42 100
 74 123.8 104.9 157.3
 44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 77.120 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

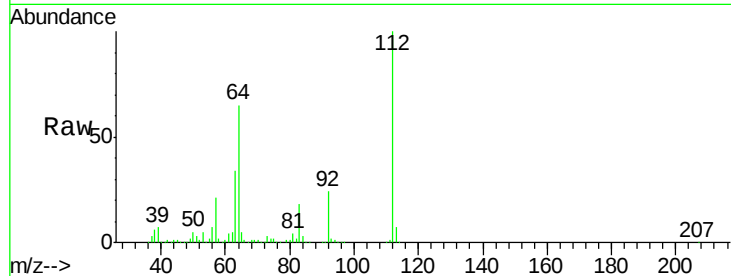
Tot Ion:112 Resp: 730862

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

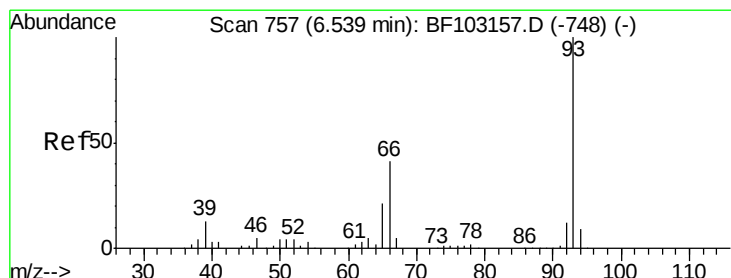
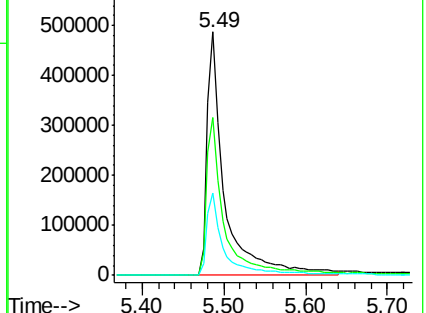
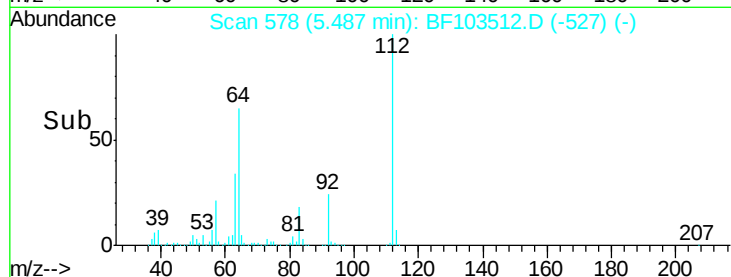
63 34.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.628 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

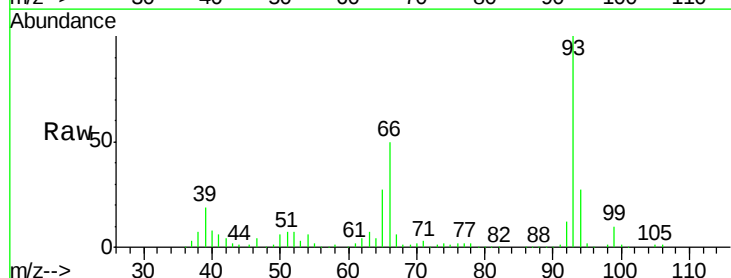
Tgt Ion: 93 Resp: 629759

Ion Ratio Lower Upper

93 100

66 50.5 32.2 48.2#

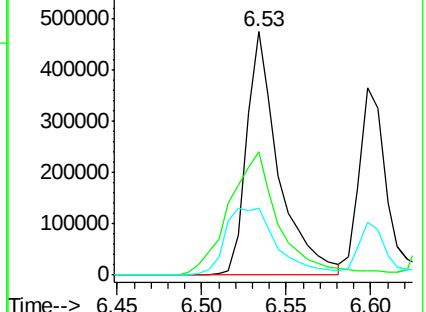
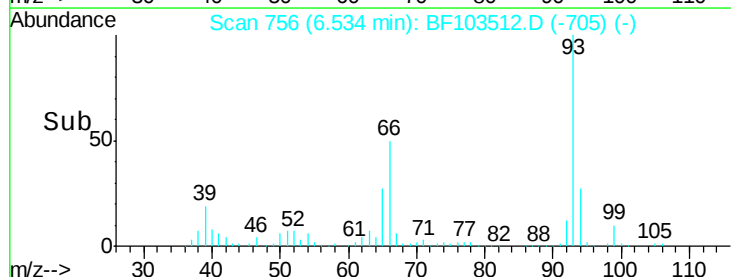
65 27.5 16.4 24.6#

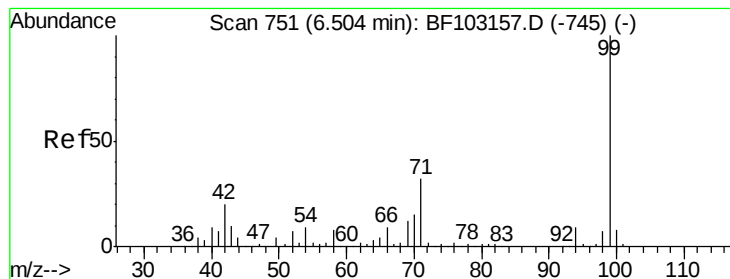


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.749 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampled :

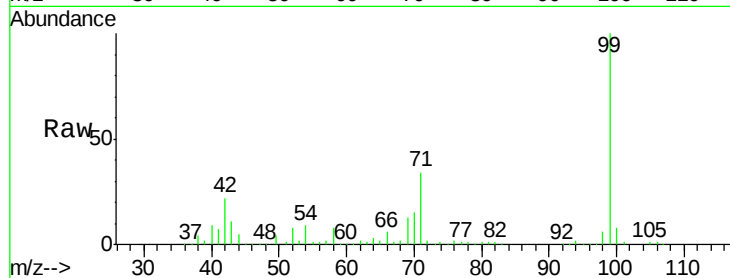
Tot Ion: 99 Resp: 913208

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

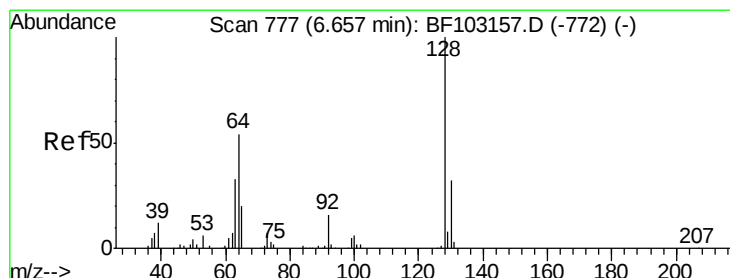
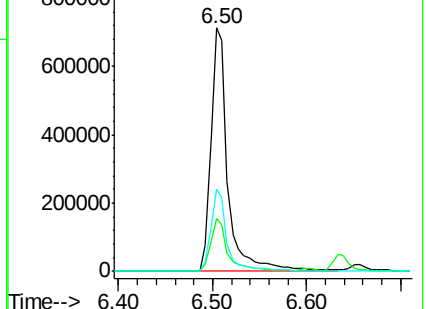
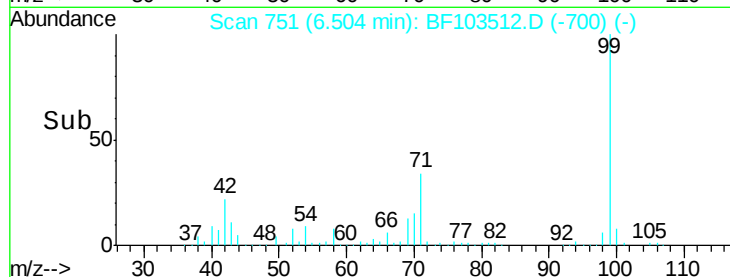
71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.846 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

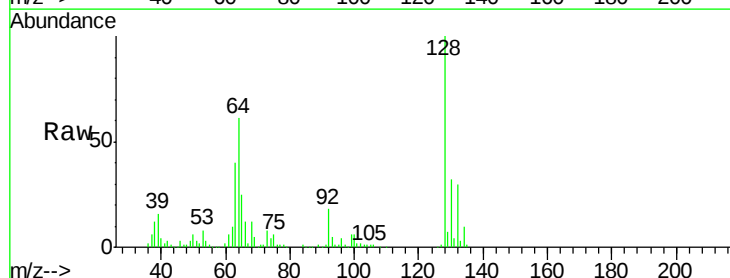
Tgt Ion:128 Resp: 392285

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

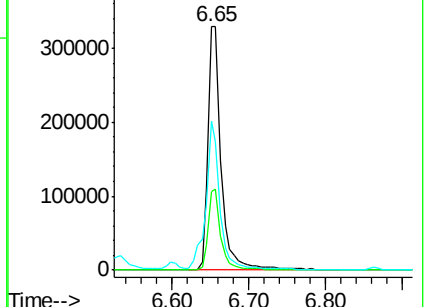
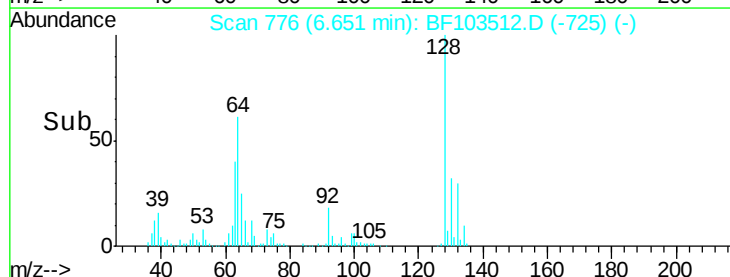
64 61.4 29.4 69.4

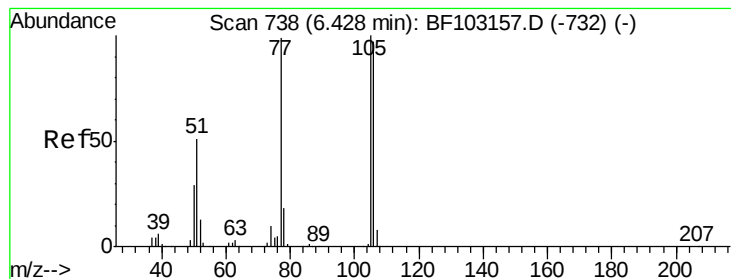


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.325 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

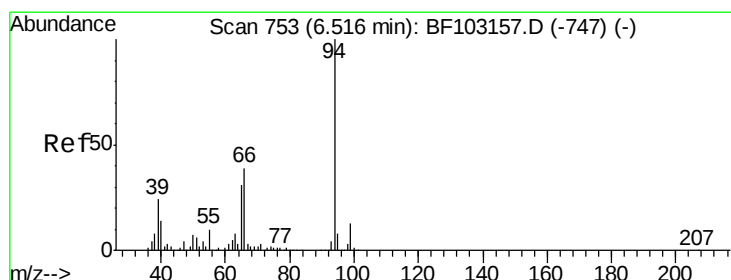
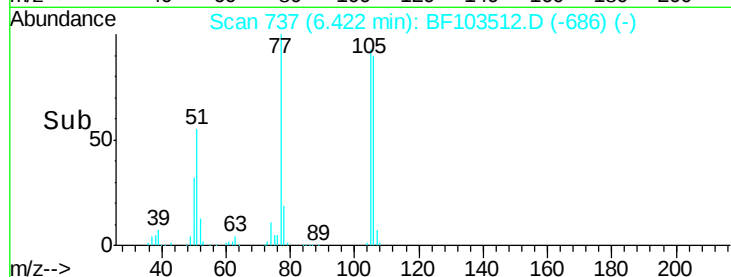
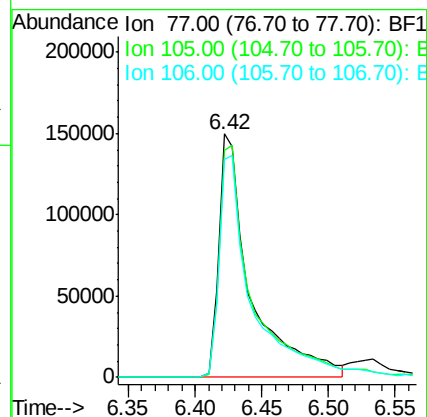
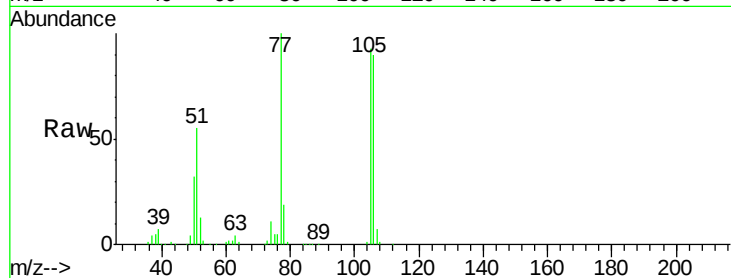
Tot Ion: 77 Resp: 252122

Ion Ratio Lower Upper

77 100

105 93.4 81.1 121.1

106 89.8 74.5 114.5



#10

Phenol

Concen: 38.298 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

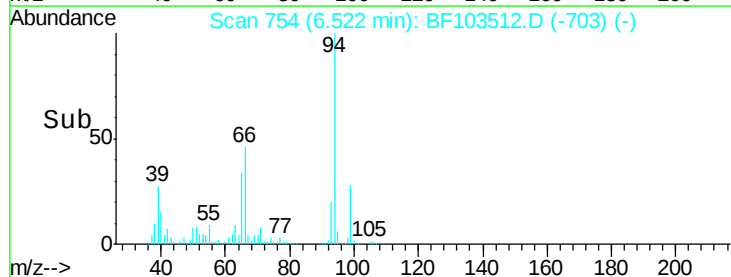
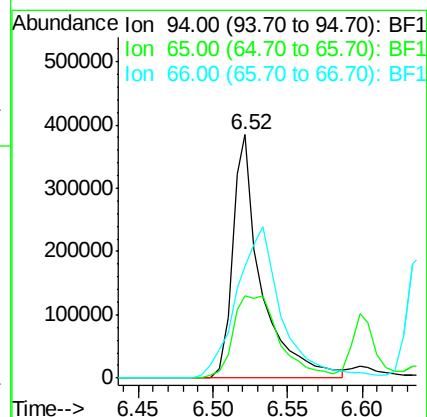
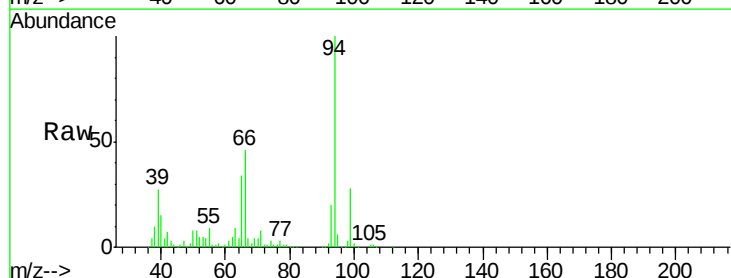
Tgt Ion: 94 Resp: 515576

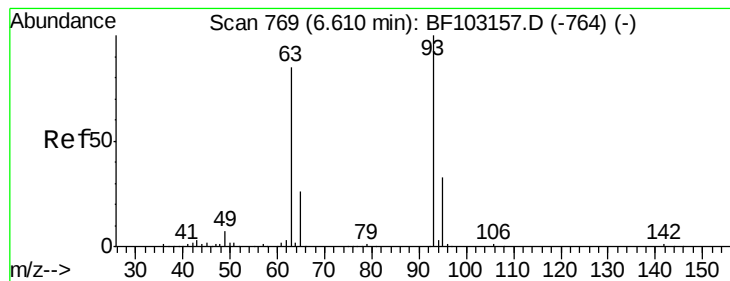
Ion Ratio Lower Upper

94 100

65 34.0 7.9 47.9

66 46.0 16.2 56.2

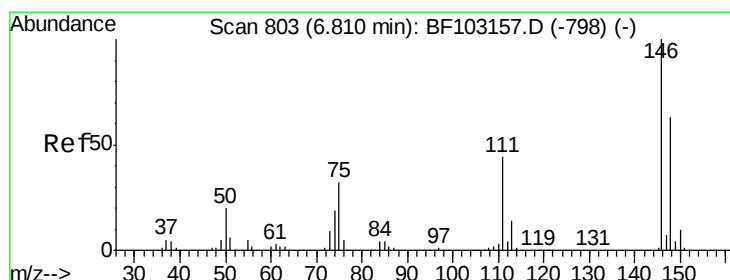
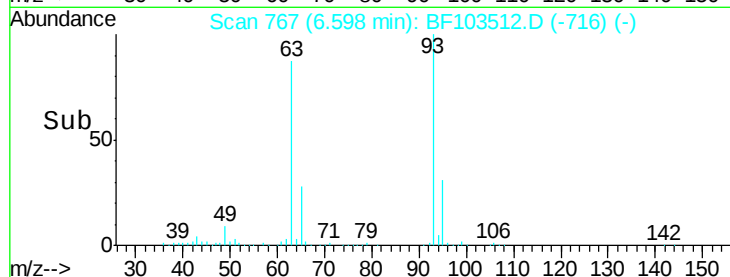
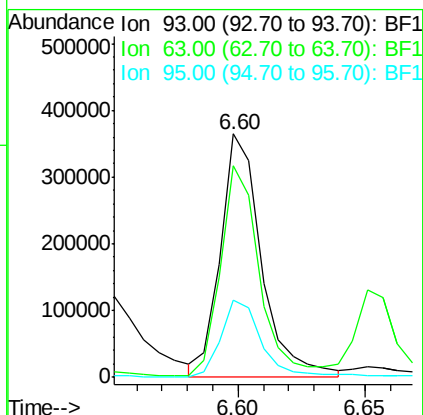
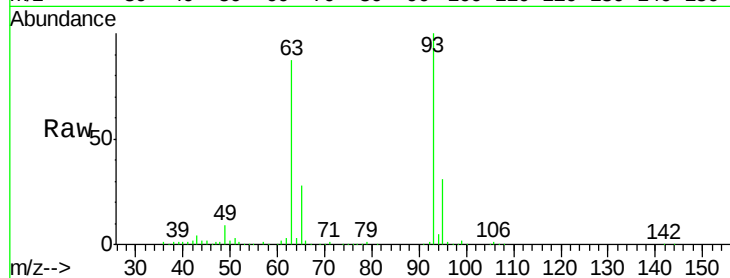




#11
bis(2-Chloroethyl)ether
Concen: 40.118 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

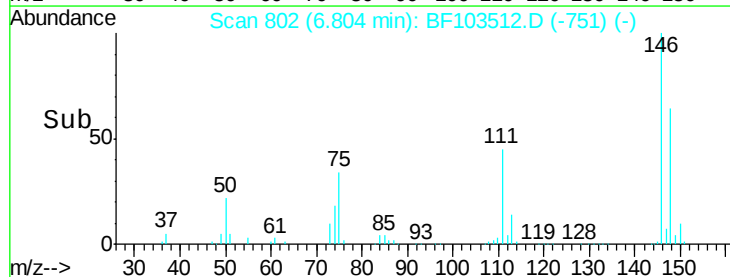
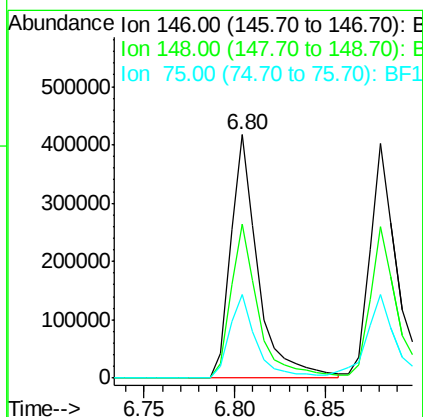
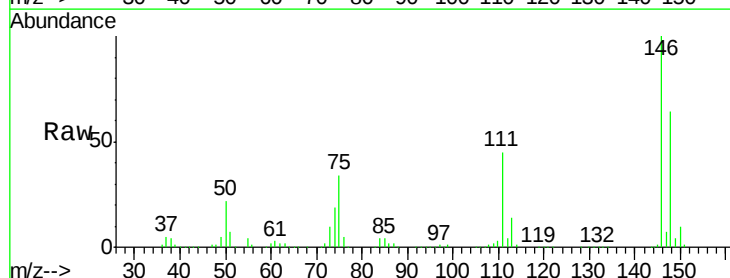
Instrument :
BNA_F
ClientSampled :

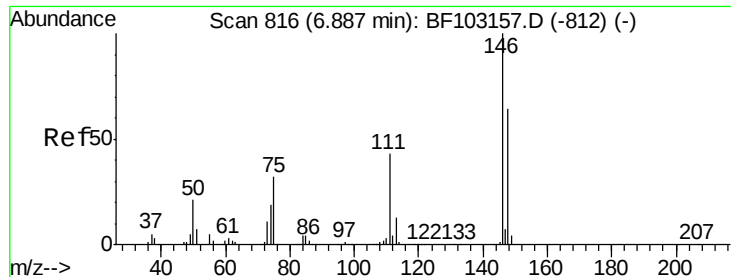
Tot Ion: 93 Resp: 409910
Ion Ratio Lower Upper
93 100
63 87.1 58.6 98.6
95 31.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.916 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion: 146 Resp: 437826
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 34.3 24.2 36.4

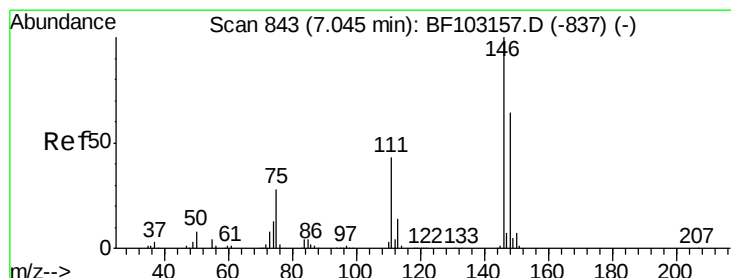
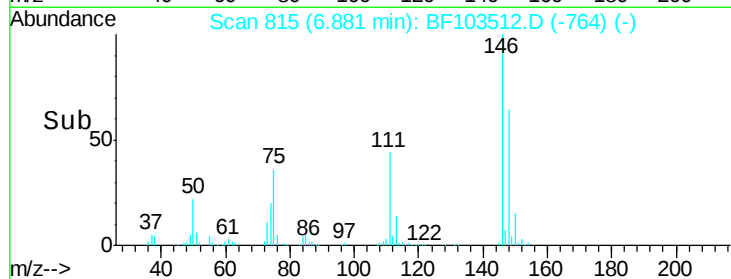
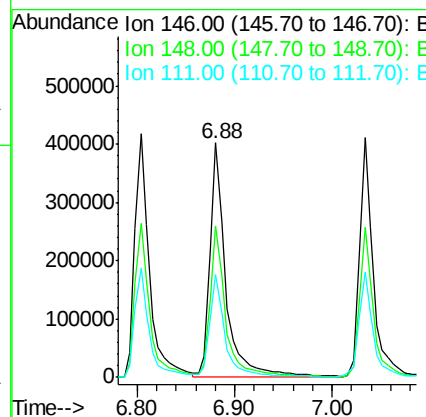
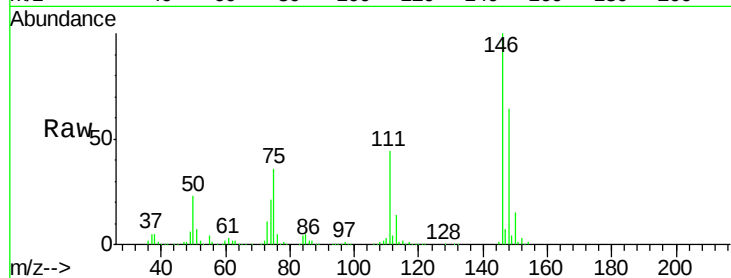




#13
 1,4-Dichlorobenzene
 Concen: 40.262 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

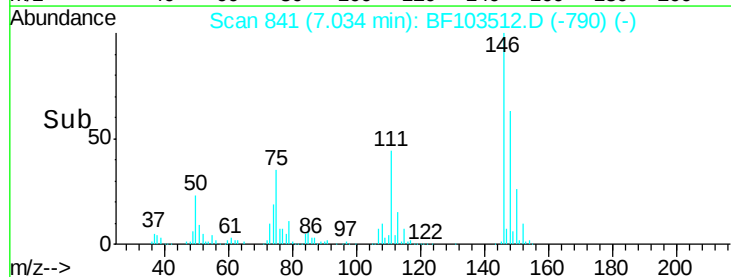
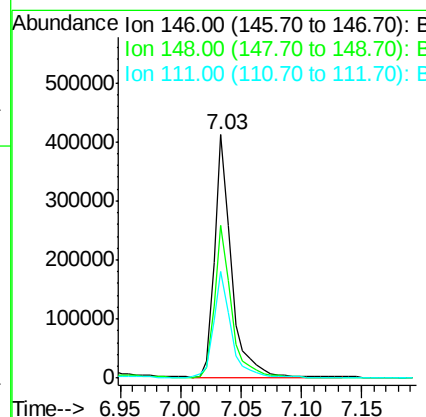
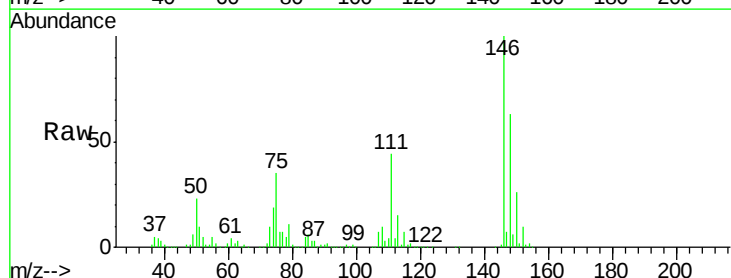
Instrument :
 BNA_F
 ClientSampled :

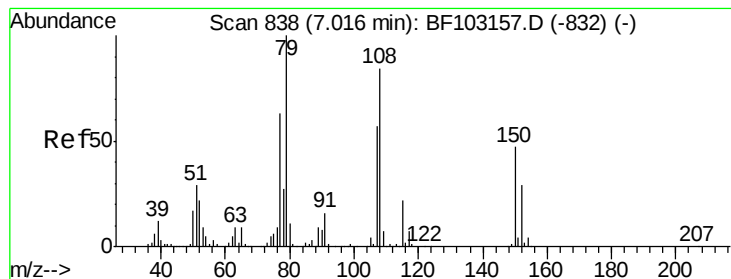
Tot Ion:146 Resp: 454145
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 43.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.765 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Tgt Ion:146 Resp: 392791
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 75.8
 111 44.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.353 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

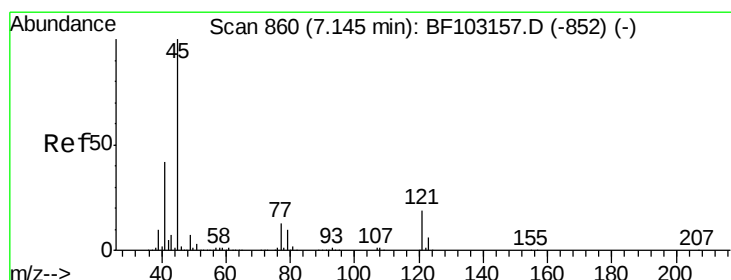
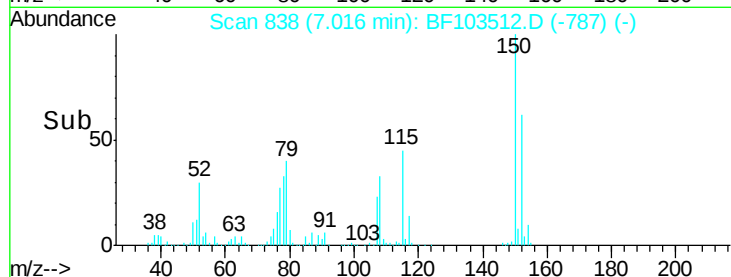
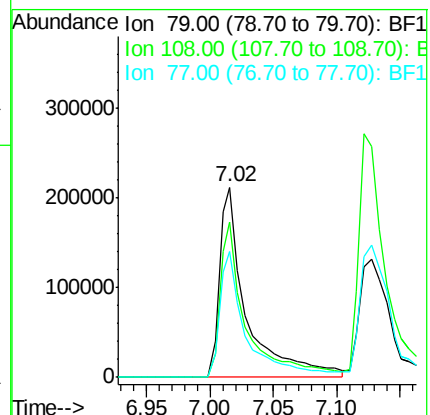
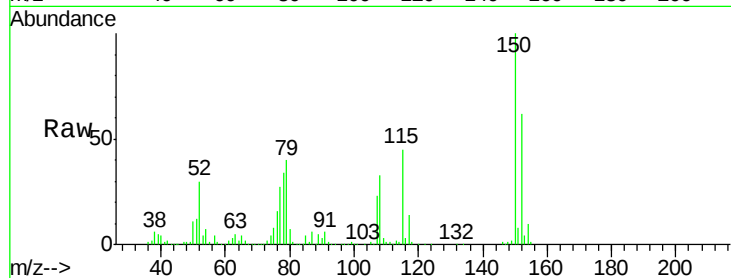
Tot Ion: 79 Resp: 317668

Ion Ratio Lower Upper

79 100

108 81.4 65.1 97.7

77 66.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.709 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

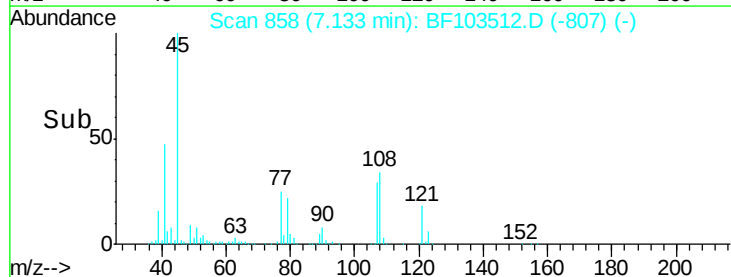
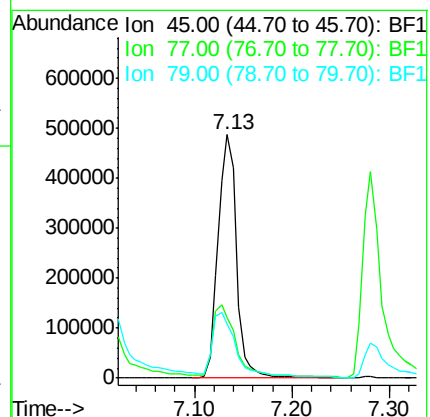
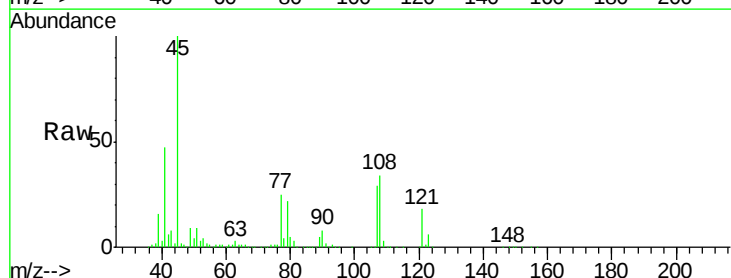
Tgt Ion: 45 Resp: 644075

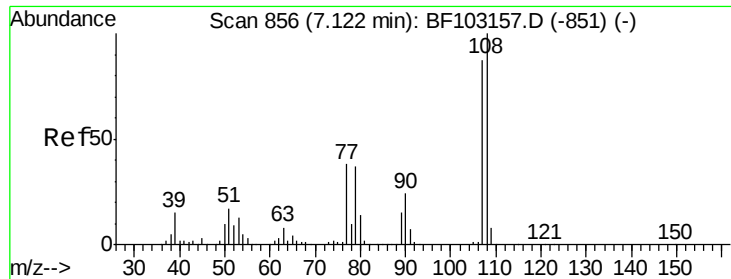
Ion Ratio Lower Upper

45 100

77 24.9 0.0 32.9

79 22.3 0.0 29.6

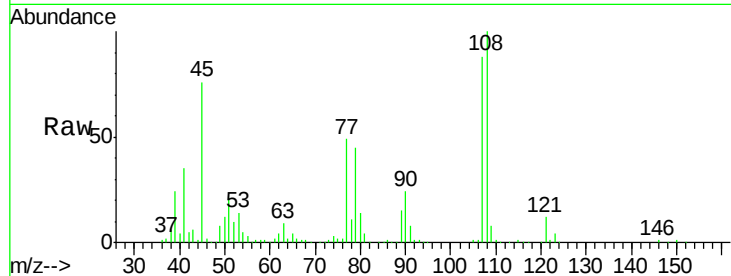




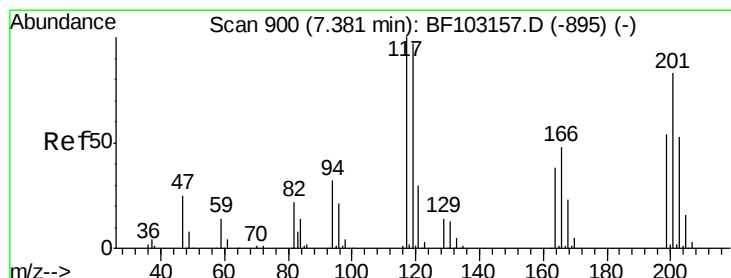
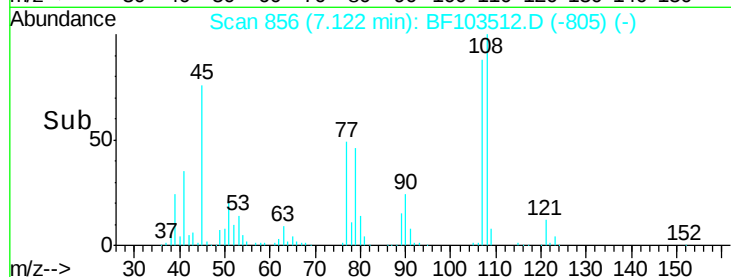
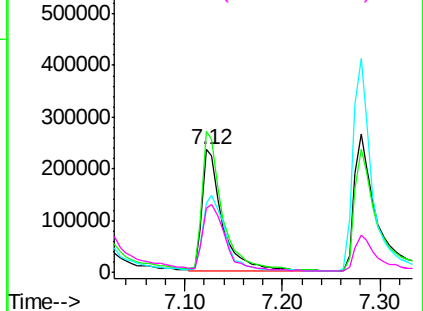
#17
2-Methylphenol
Concen: 38.762 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 346797
Ion Ratio Lower Upper
107 100
108 114.2 91.7 137.5
77 56.5 33.8 50.8#
79 52.0 33.8 50.8#

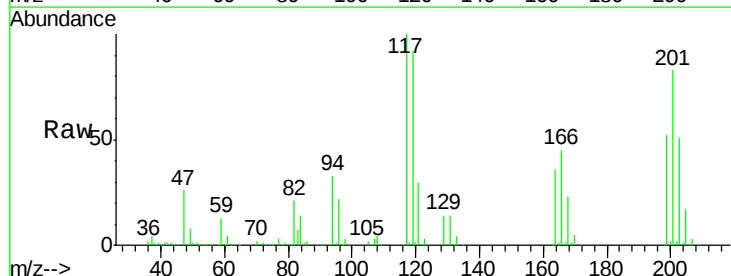


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

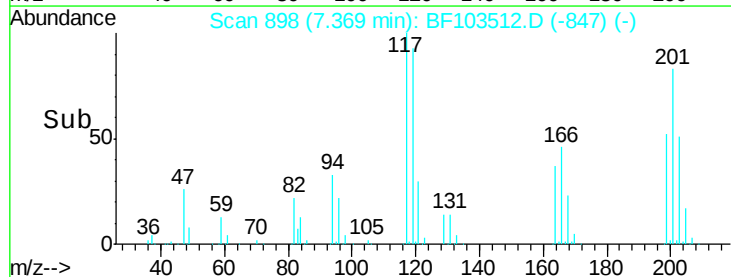
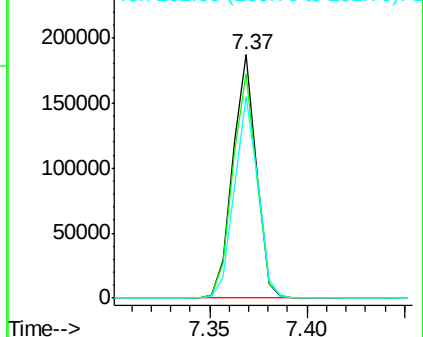


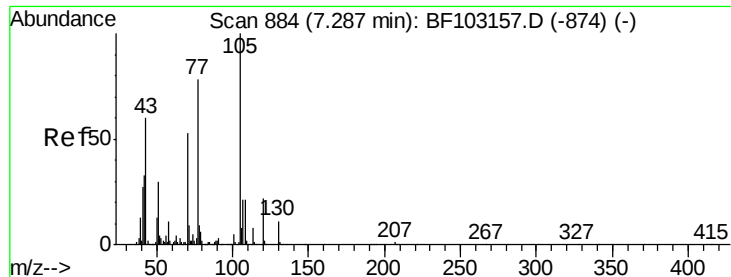
#18
Hexachloroethane
Concen: 38.233 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:117 Resp: 156992
Ion Ratio Lower Upper
117 100
119 92.3 75.8 113.8
201 83.0 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

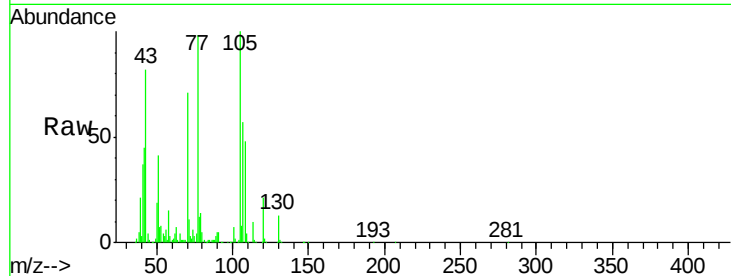




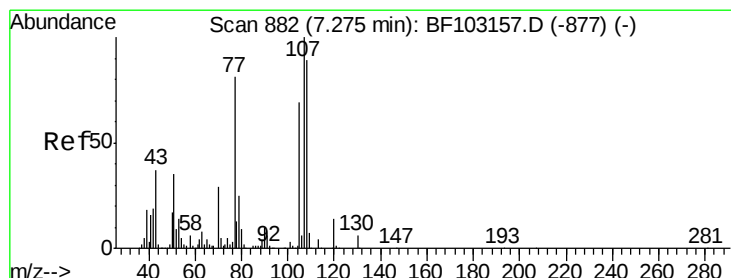
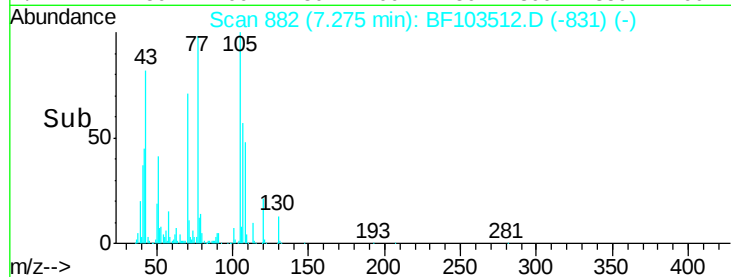
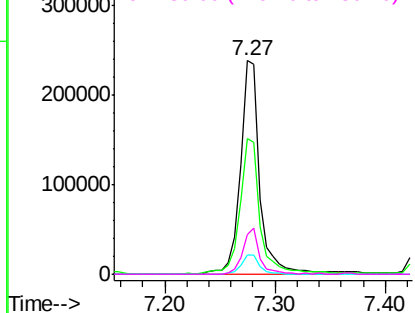
#19
n-Nitroso-di-n-propylamine
Concen: 41.070 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 296411
Ion Ratio Lower Upper
70 100
42 63.4 47.5 71.3
101 9.2 7.4 11.2
130 18.7 16.6 25.0

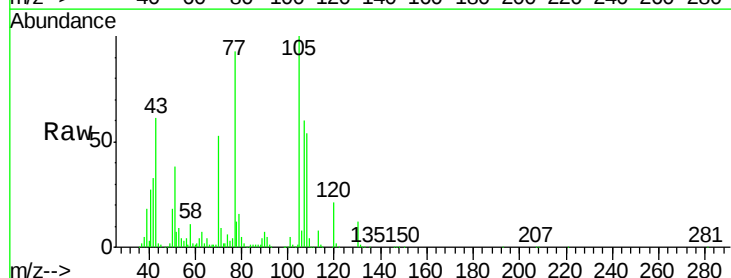


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

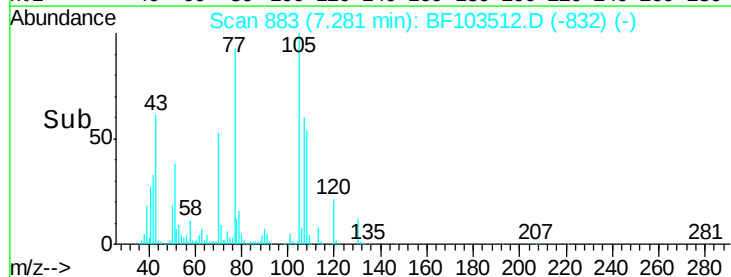
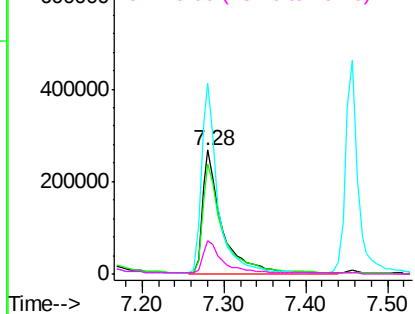


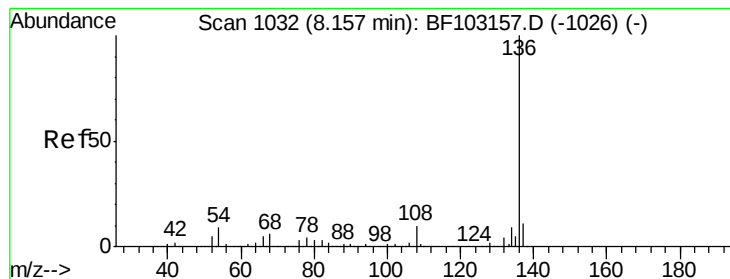
#20
3+4-Methylphenols
Concen: 40.987 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion: 107 Resp: 447004
Ion Ratio Lower Upper
107 100
108 88.8 68.2 108.2
77 154.3 26.7 66.7#
79 26.4 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 615111

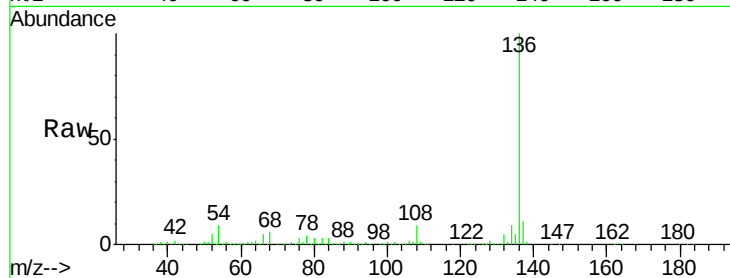
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.6 6.6 9.8

68 6.1 5.0 7.4

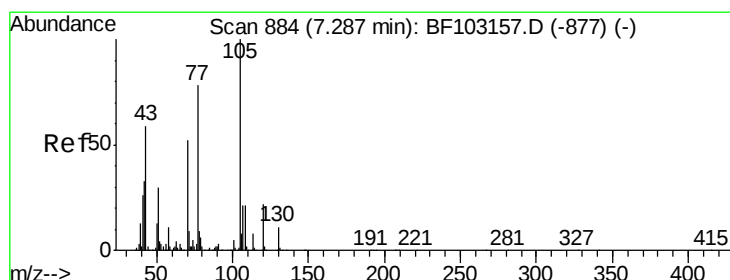
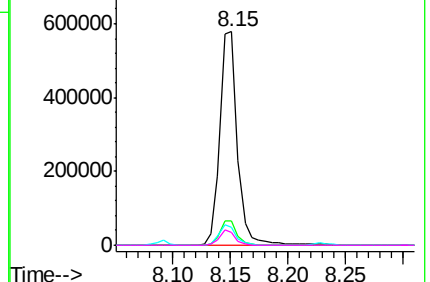
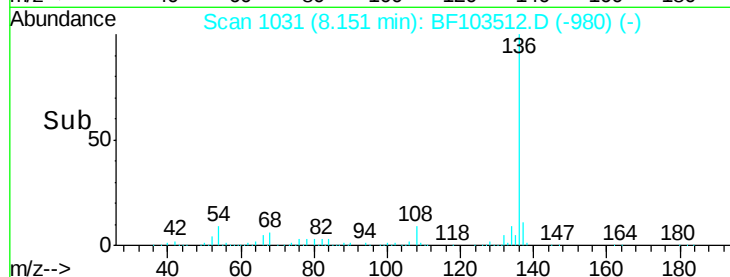


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.366 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Tgt Ion:105 Resp: 579557

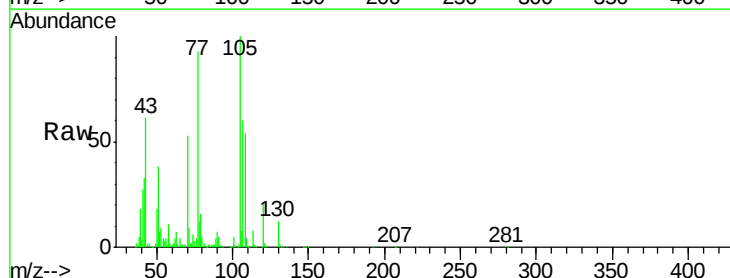
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 38.4 22.3 33.5#

120 21.1 16.9 25.3

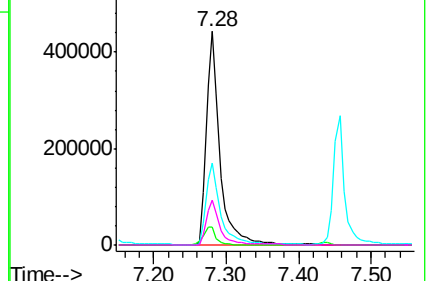
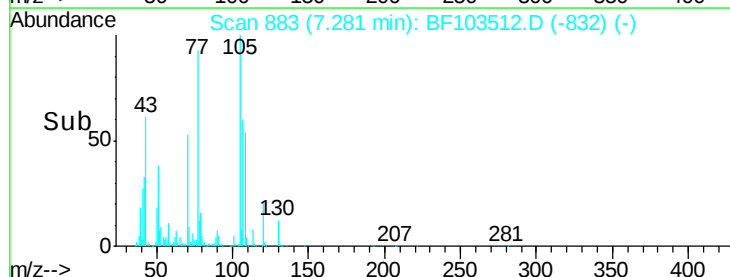


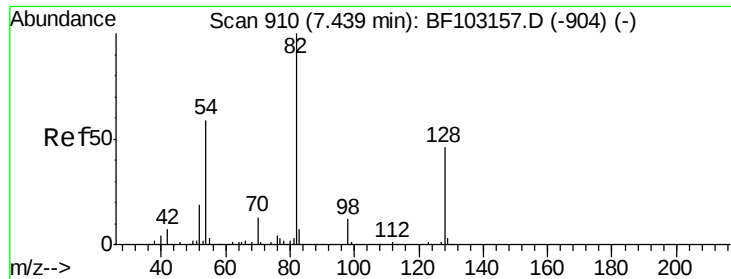
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

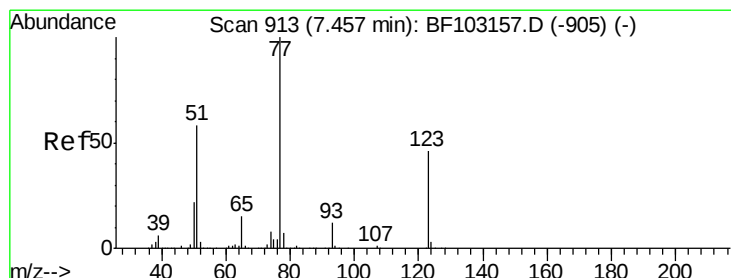
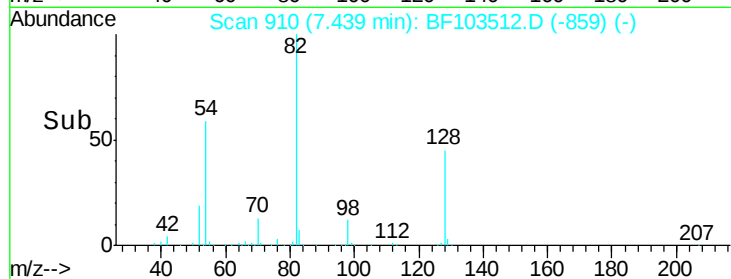
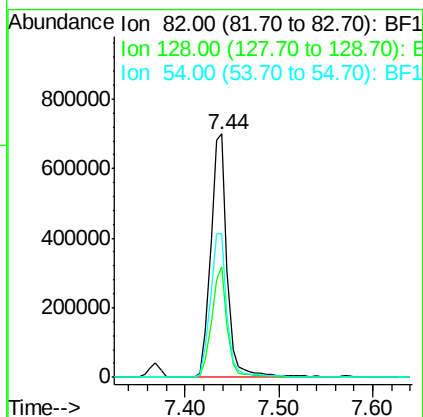
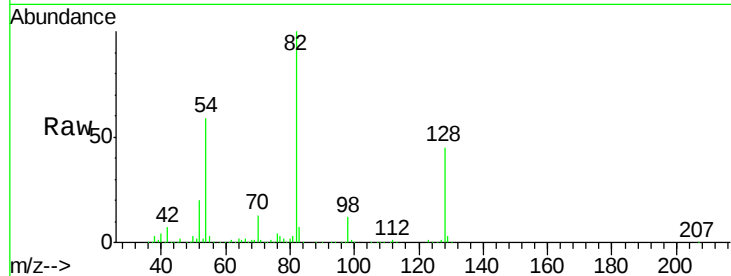




#23
 Nitrobenzene-d5
 Concen: 80.758 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

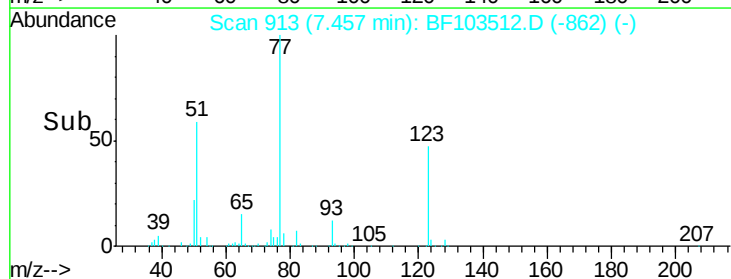
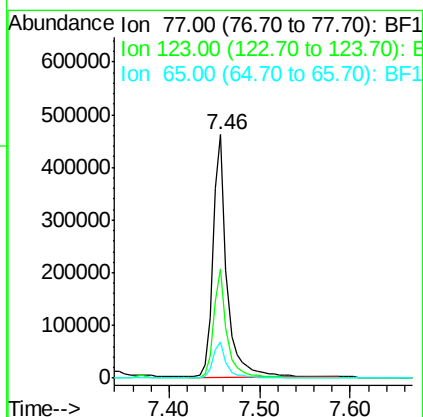
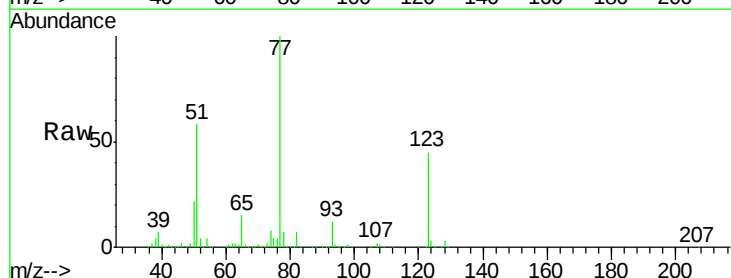
Instrument :
 BNA_F
 ClientSampled :

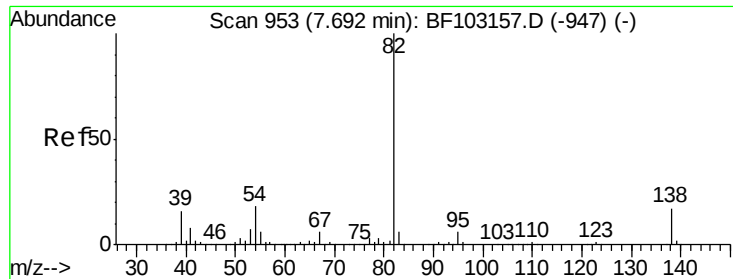
Tot Ion: 82 Resp: 869840
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 59.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.416 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Tgt Ion: 77 Resp: 491149
 Ion Ratio Lower Upper
 77 100
 123 45.1 37.9 56.9
 65 14.6 11.0 16.4





#25

Isophorone

Concen: 39.497 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

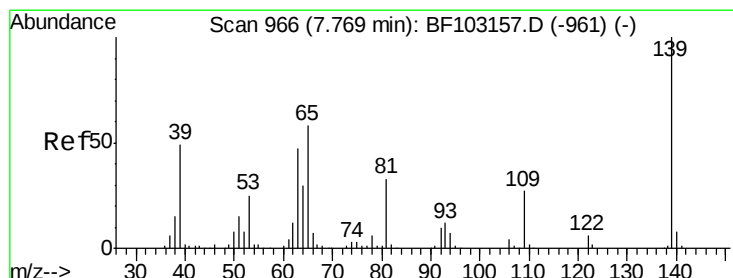
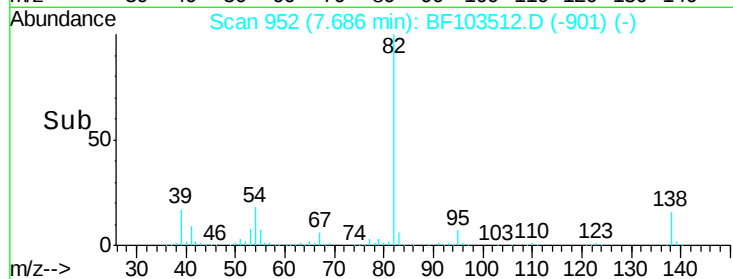
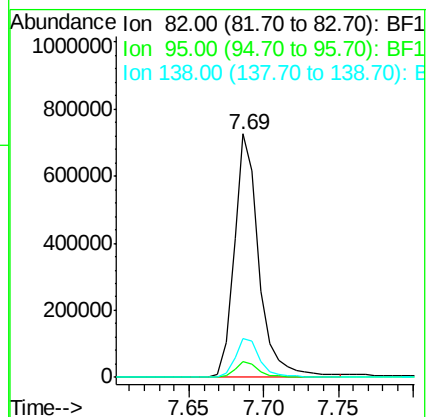
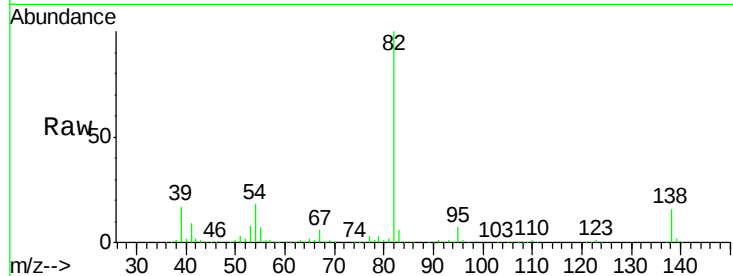
Tot Ion: 82 Resp: 837870

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 15.7 14.9 22.3



#26

2-Nitrophenol

Concen: 40.535 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

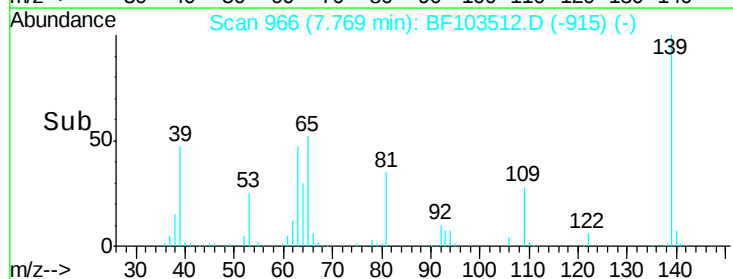
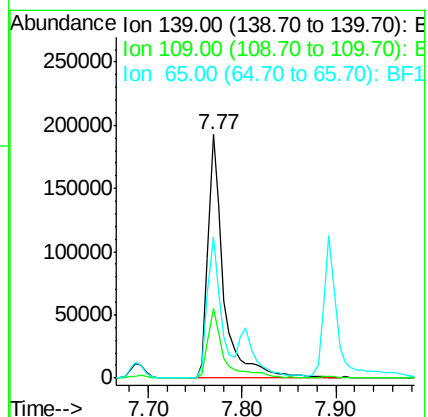
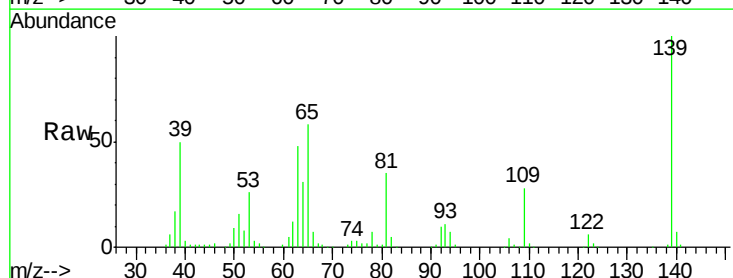
Tgt Ion: 139 Resp: 226295

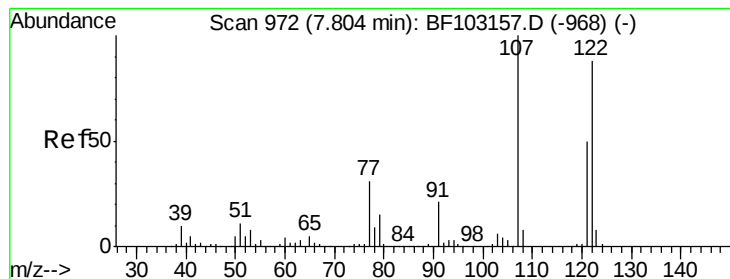
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 57.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.307 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :
BNA_F
ClientSampled :

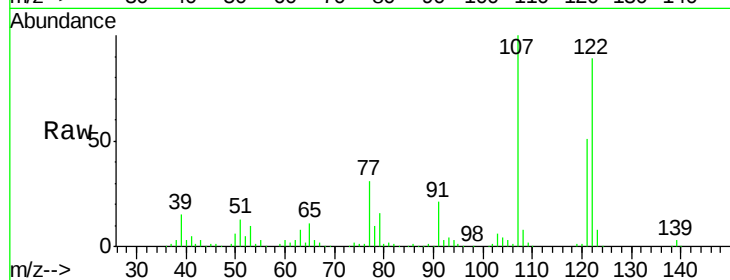
Tot Ion:122 Resp: 326888

Ion Ratio Lower Upper

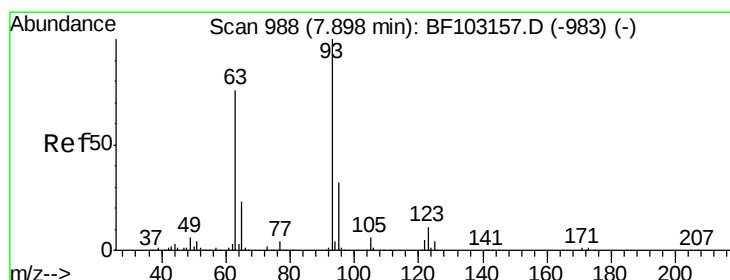
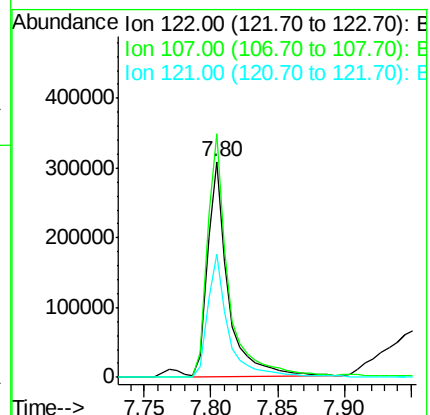
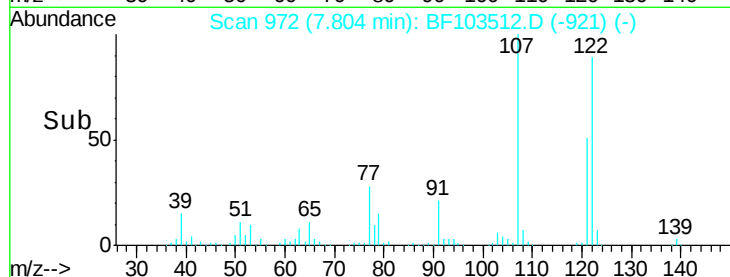
122 100

107 112.9 91.2 136.8

121 57.4 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: 39.024 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

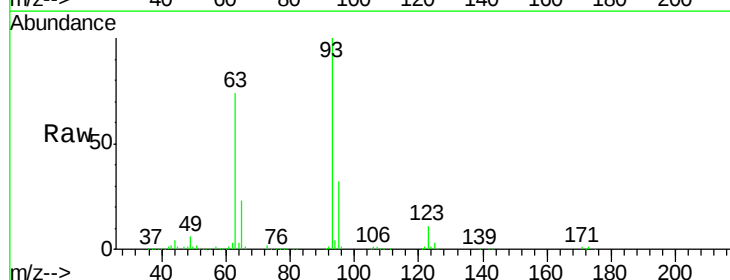
Tgt Ion: 93 Resp: 486717

Ion Ratio Lower Upper

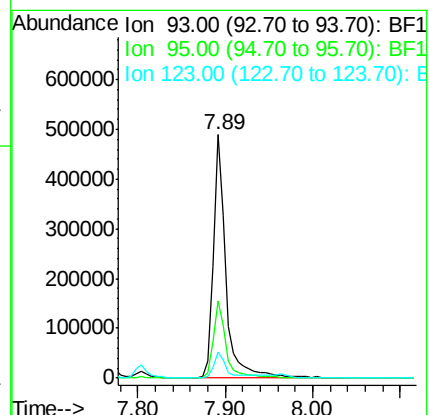
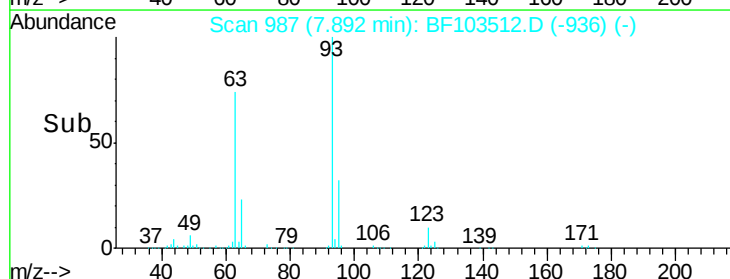
93 100

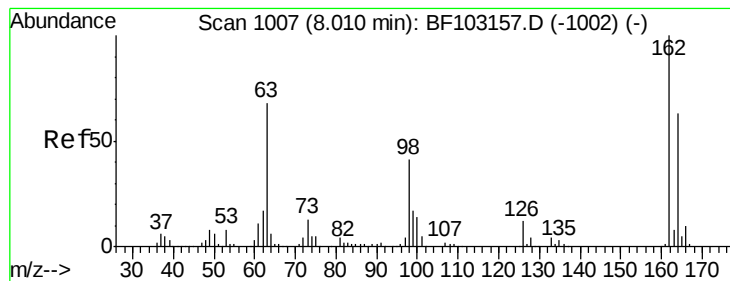
95 31.7 26.3 39.5

123 10.6 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: 39.298 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

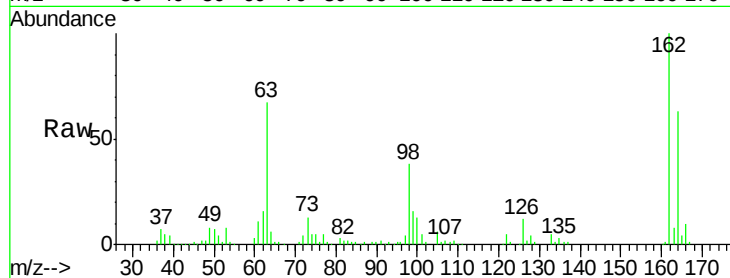
Tot Ion:162 Resp: 321063

Ion Ratio Lower Upper

162 100

164 63.0 42.7 82.7

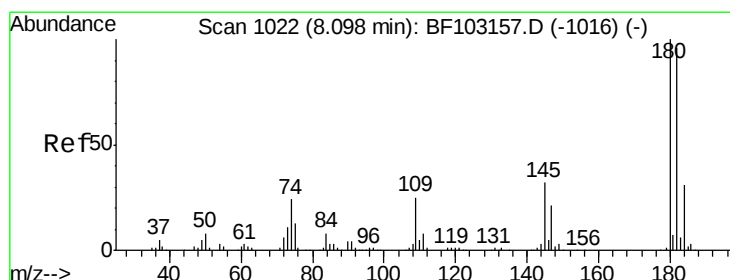
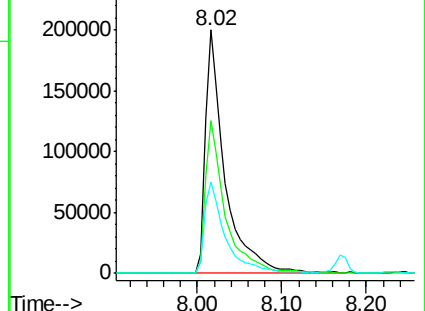
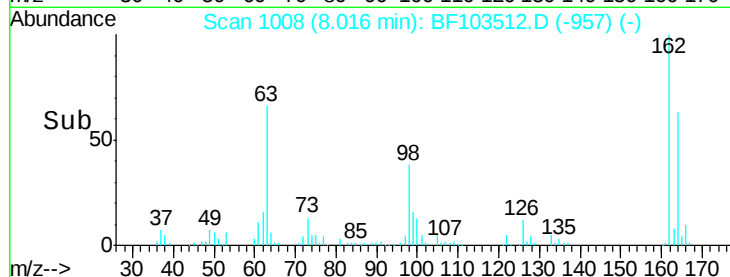
98 37.6 18.1 58.1



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: 37.861 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

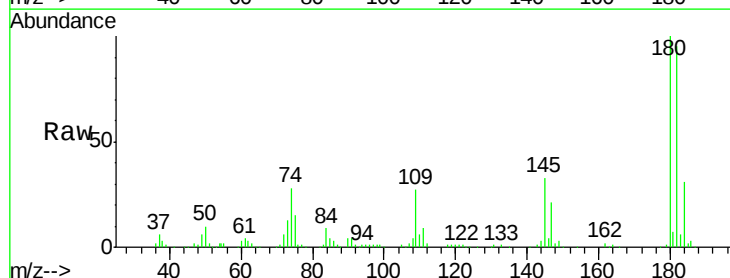
Tgt Ion:180 Resp: 329392

Ion Ratio Lower Upper

180 100

182 95.1 76.8 115.2

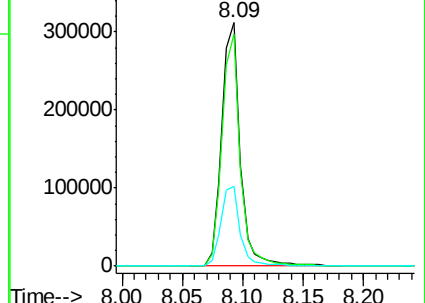
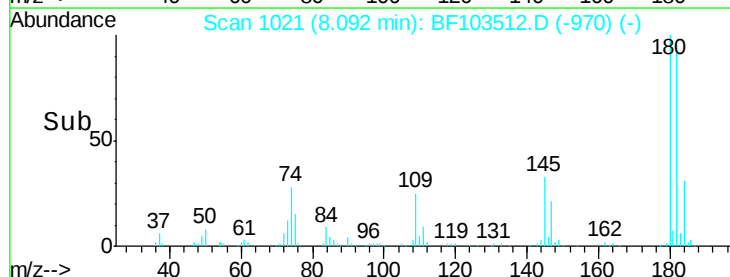
145 32.6 26.5 39.7

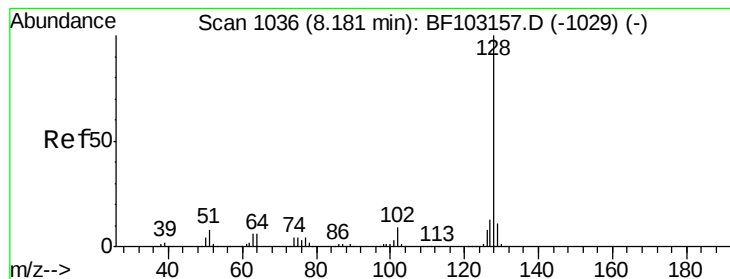


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.792 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

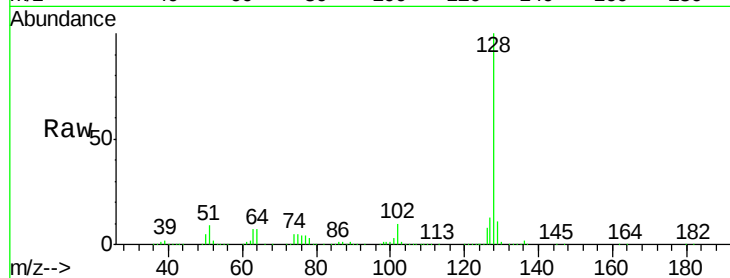
Tot Ion:128 Resp: 1107981

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

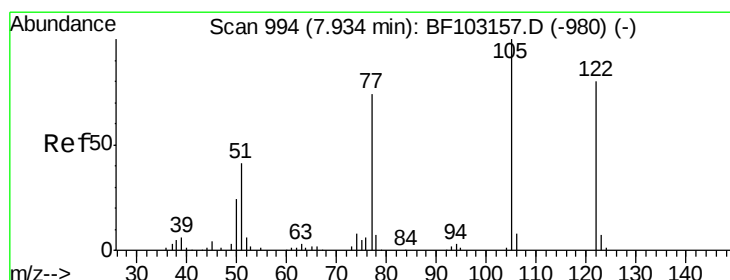
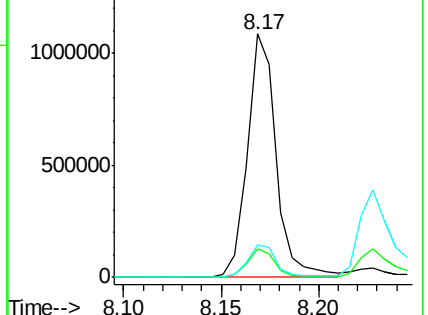
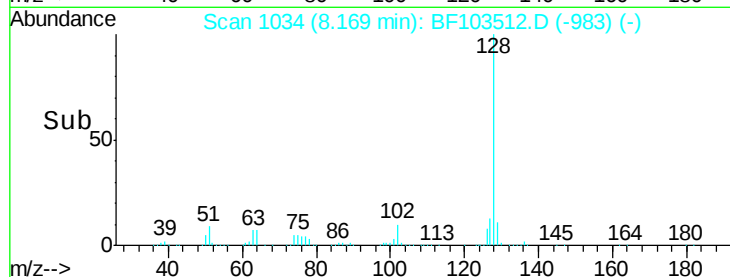
127 13.4 10.9 16.3



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: 40.534 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

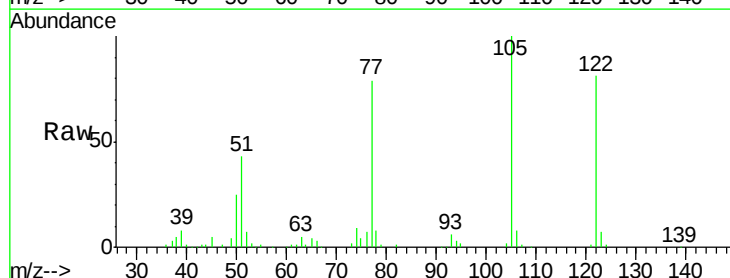
Tgt Ion:122 Resp: 248658

Ion Ratio Lower Upper

122 100

105 123.1 101.1 141.1

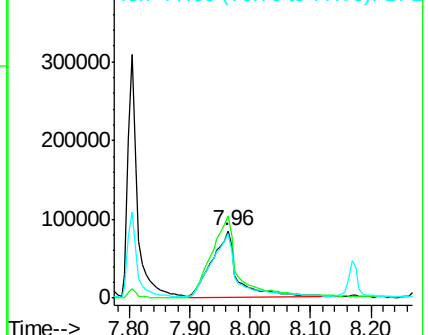
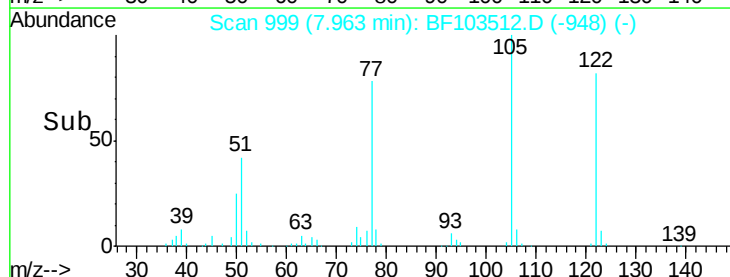
77 96.8 70.7 110.7

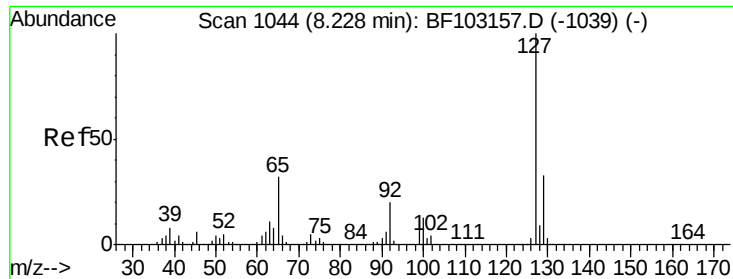


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

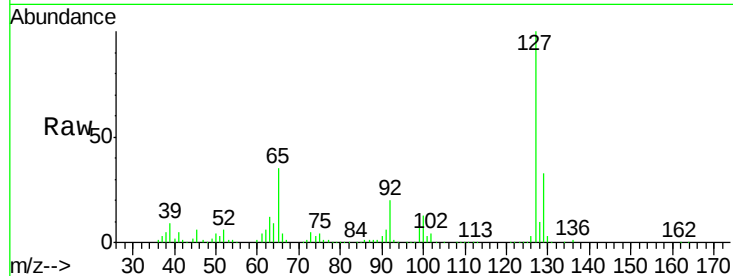




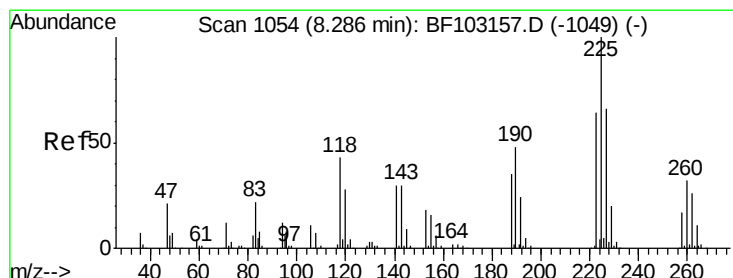
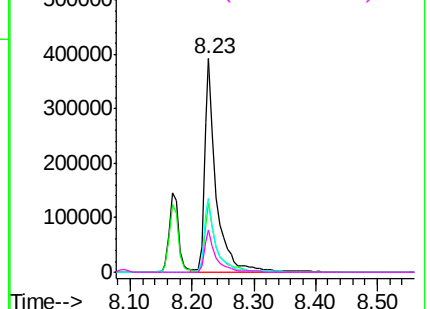
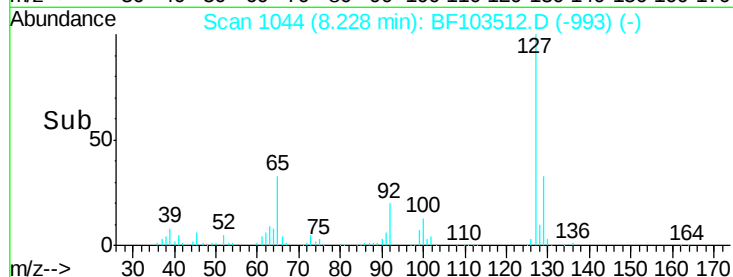
#33
4-Chloroaniline
Concen: 39.466 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	512869
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	34.6	25.0	37.4
92	20.0	15.2	22.8

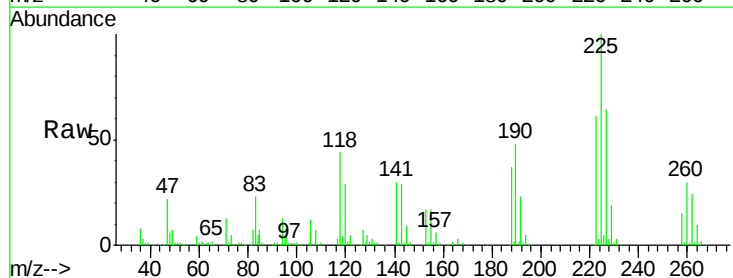


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

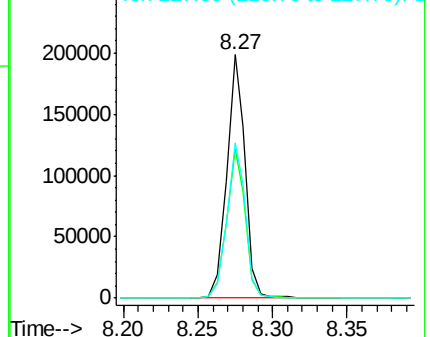
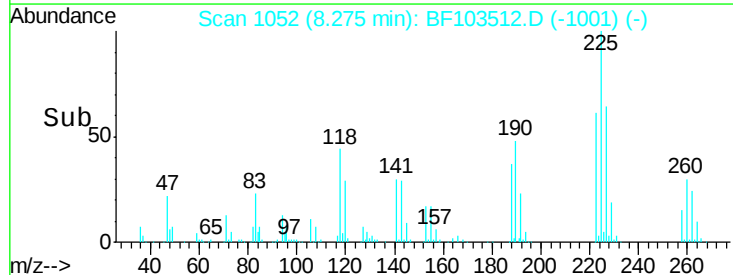


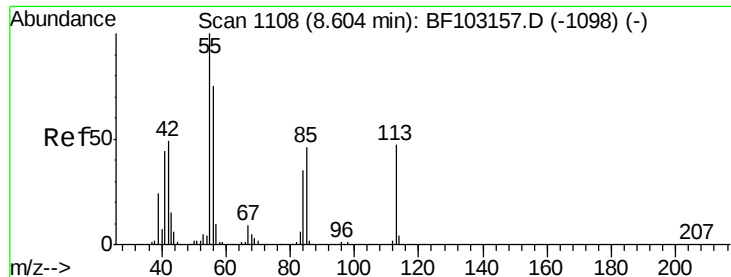
#34
Hexachlorobutadiene
Concen: 38.038 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:	225	Resp:	172330
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	63.7	51.9	77.9



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





#35

Caprolactam

Concen: 37.805 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampled :

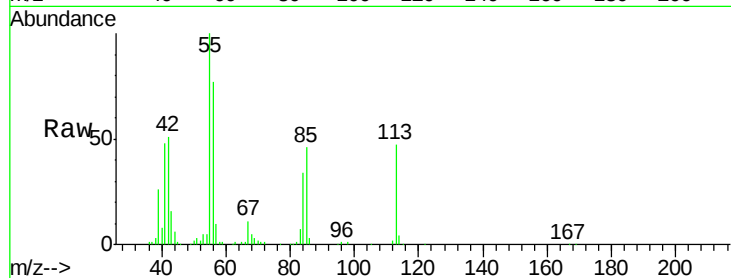
Tot Ion:113 Resp: 108552

Ion Ratio Lower Upper

113 100

55 214.5 163.3 203.3#

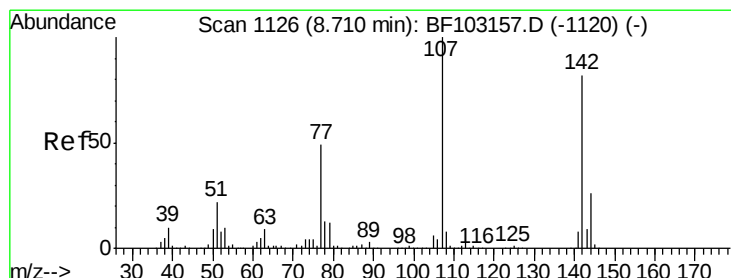
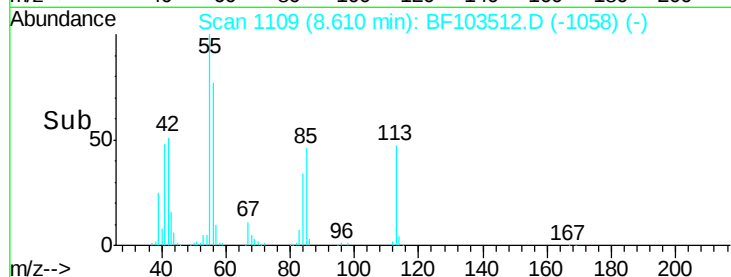
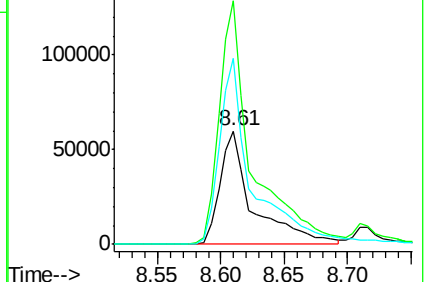
56 164.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.593 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

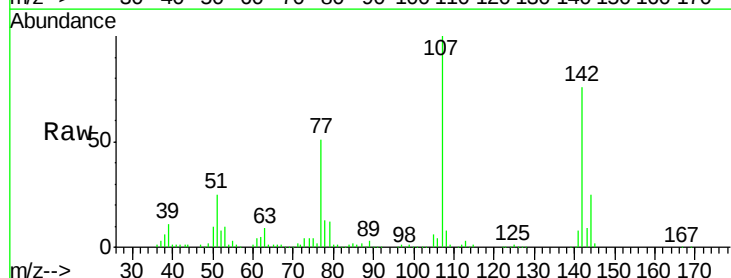
Tgt Ion:107 Resp: 383278

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

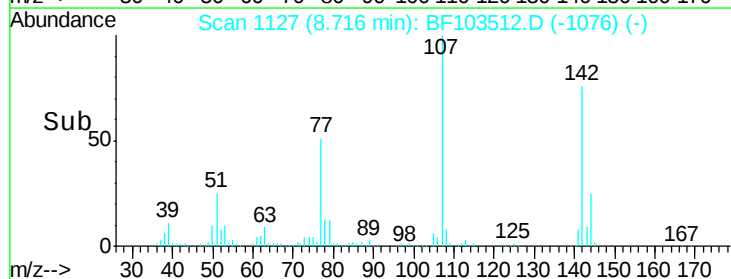
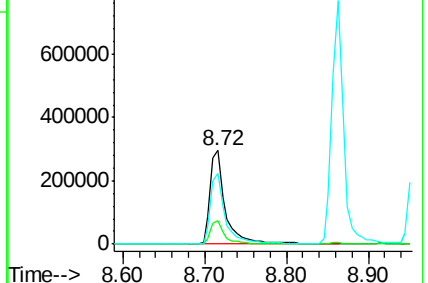
142 76.2 62.0 93.0

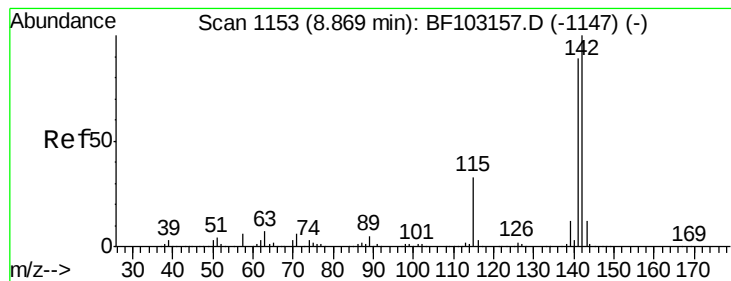


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

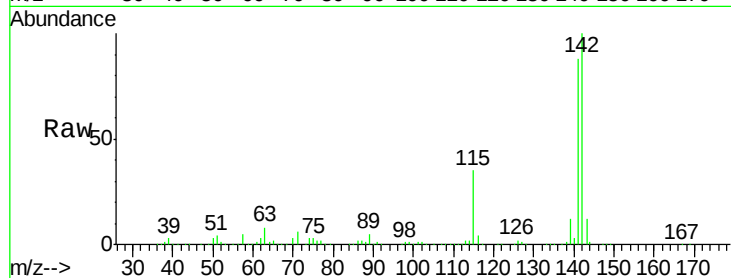




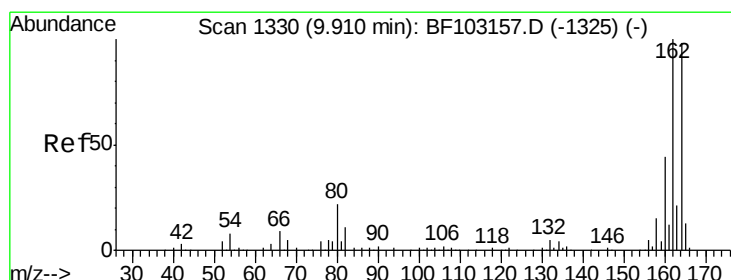
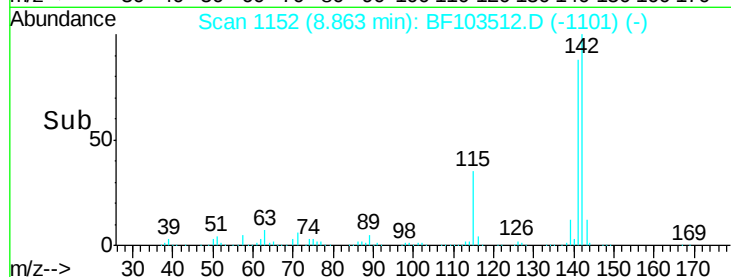
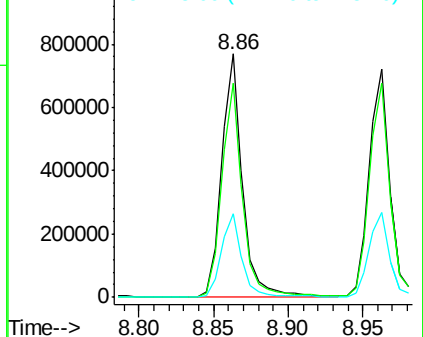
#37
2-Methylnaphthalene
Concen: 39.120 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 761380
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2
115 34.6 26.1 39.1

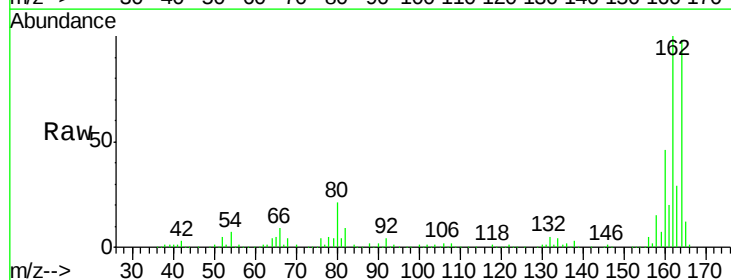


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

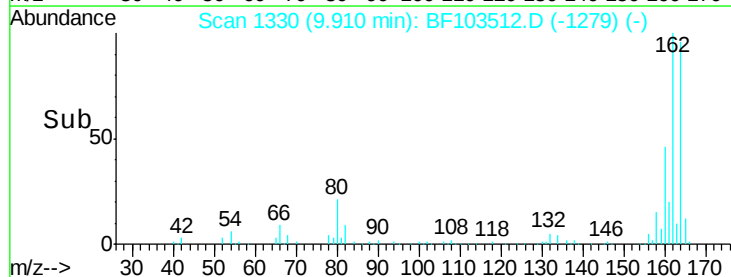
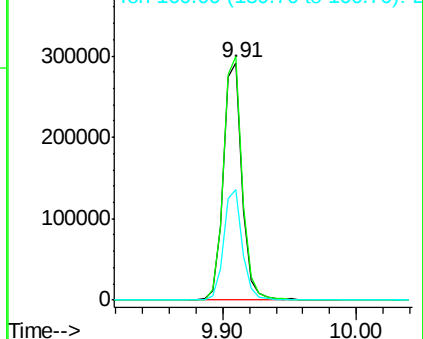


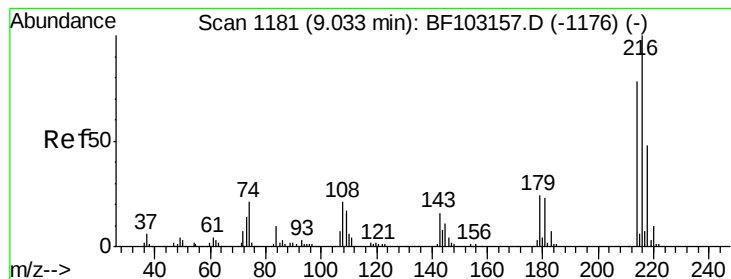
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:164 Resp: 290378
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 46.6 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.785 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 299950

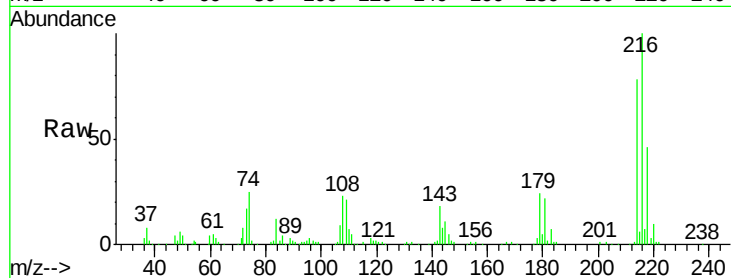
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.5 18.1 27.1

108 23.7 17.2 25.8

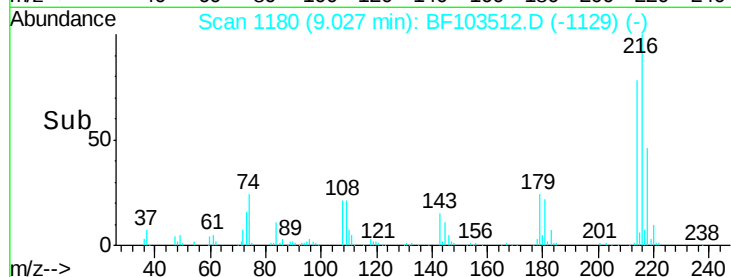


Abundance Ion 216.00 (215.70 to 216.70): E

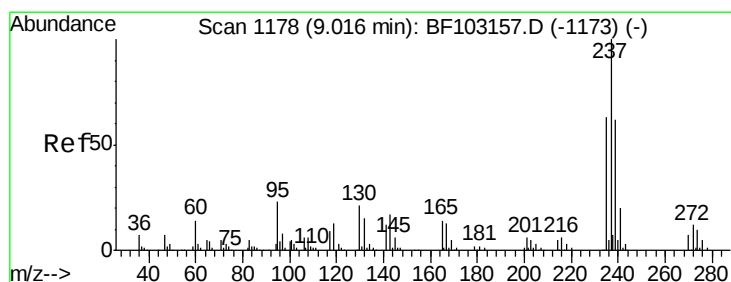
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.216 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

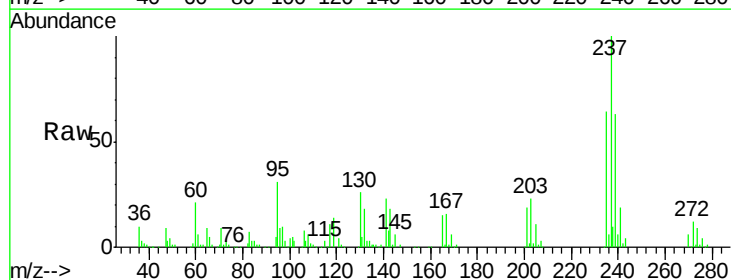
Tgt Ion:237 Resp: 95479

Ion Ratio Lower Upper

237 100

235 64.5 44.8 84.8

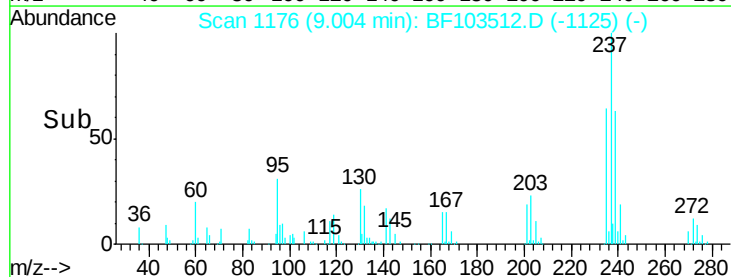
272 11.7 0.0 33.3



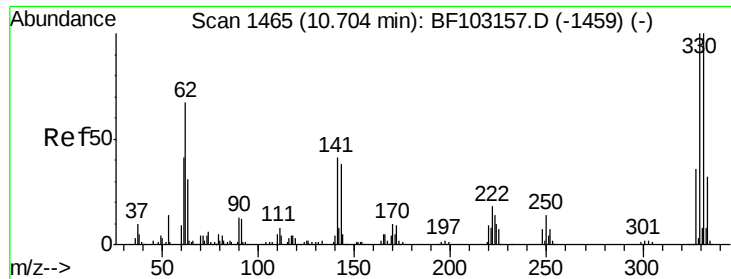
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



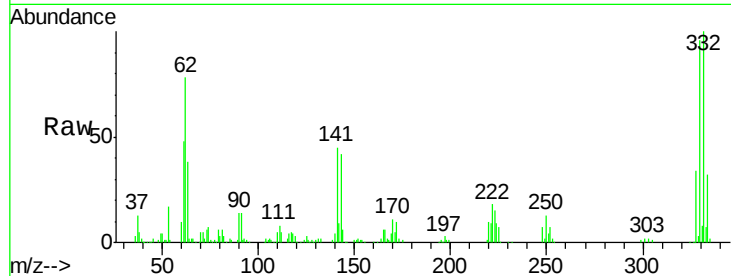
Time-->



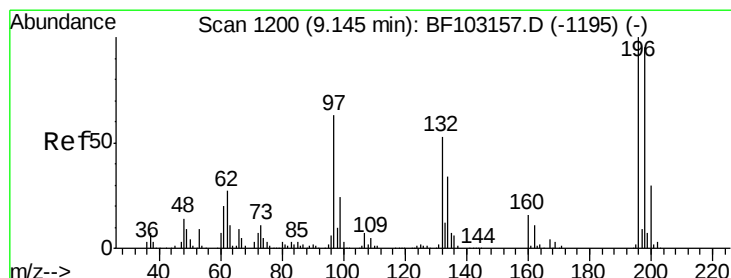
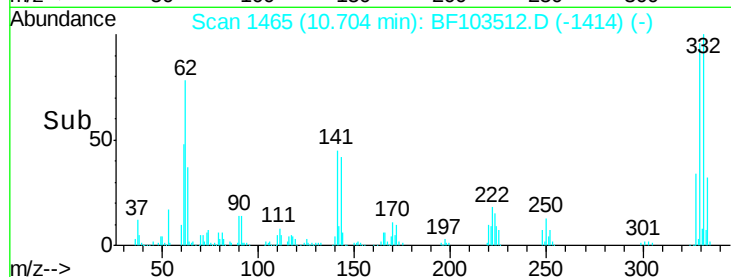
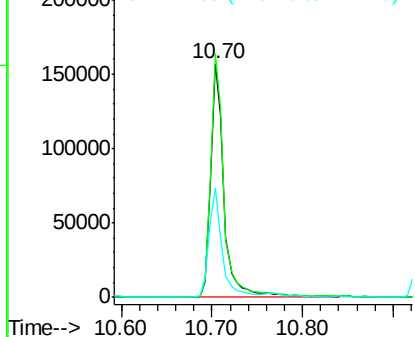
#41
 2,4,6-Tribromophenol
 Concen: 67.875 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 166830
 Ion Ratio Lower Upper
 330 100
 332 101.8 77.0 115.6
 141 45.5 29.9 44.9#

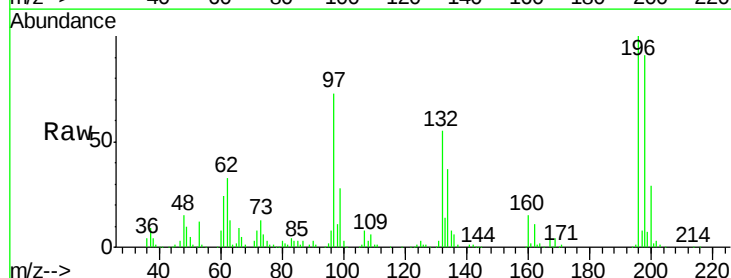


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

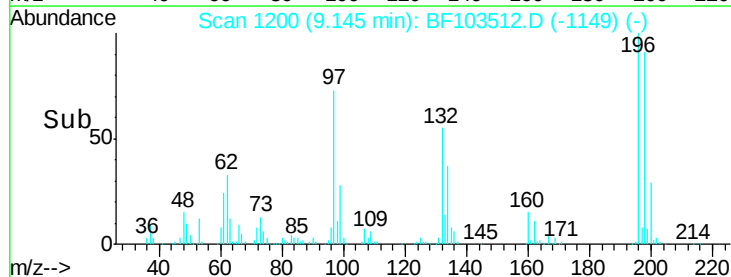
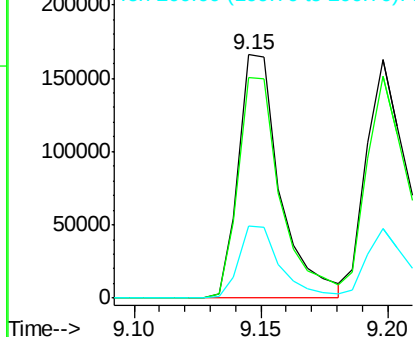


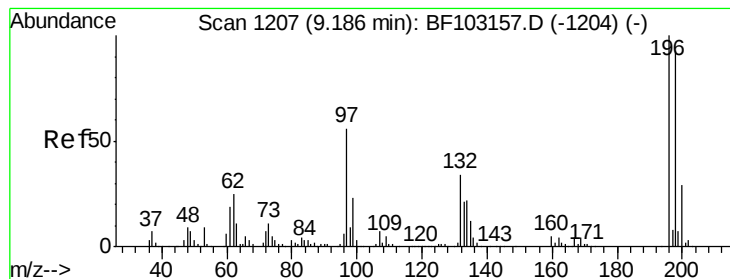
#42
 2,4,6-Trichlorophenol
 Concen: 35.781 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Tgt Ion:196 Resp: 191124
 Ion Ratio Lower Upper
 196 100
 198 90.8 75.7 113.5
 200 29.4 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 35.857 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 220291

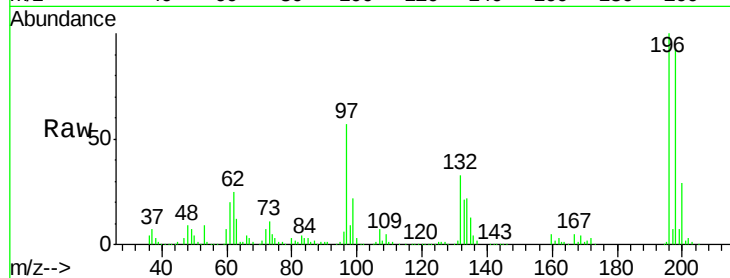
Ion Ratio Lower Upper

196 100

198 93.3 74.6 112.0

97 57.2 42.9 64.3

132 33.1 26.3 39.5

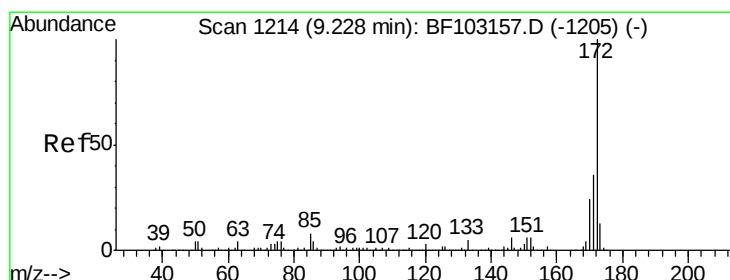
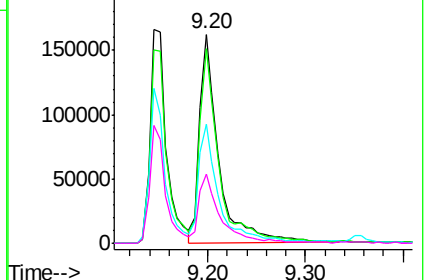
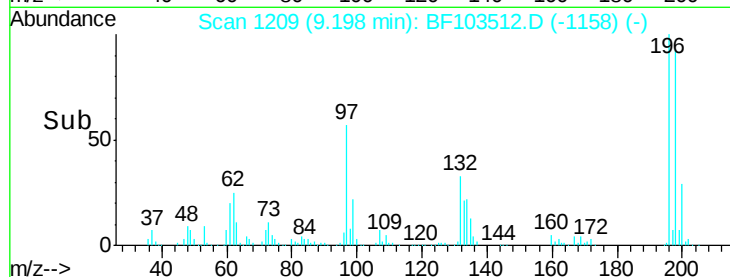


Abundance Ion 196.00 (195.70 to 196.70): E

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: 73.168 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

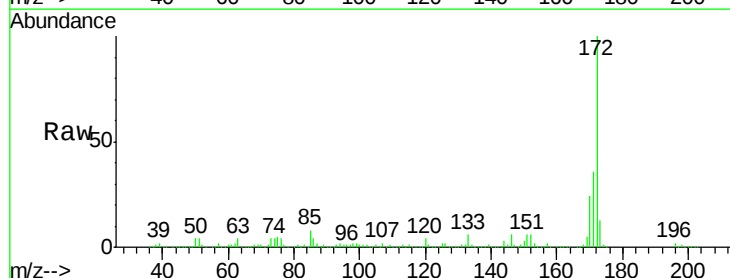
Tgt Ion:172 Resp: 1275290

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

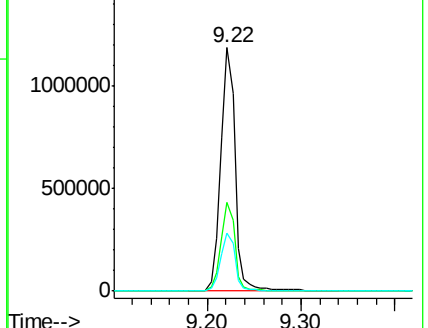
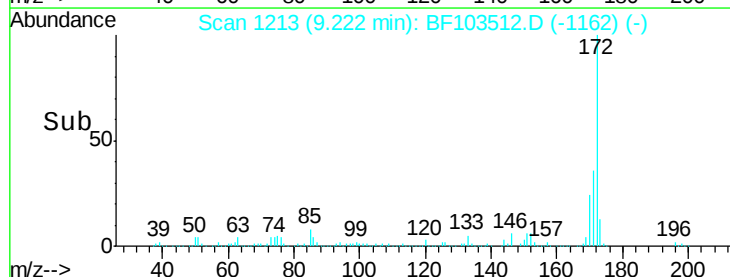
170 23.9 19.6 29.4

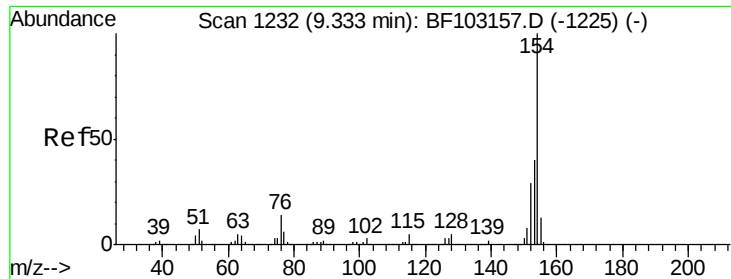


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

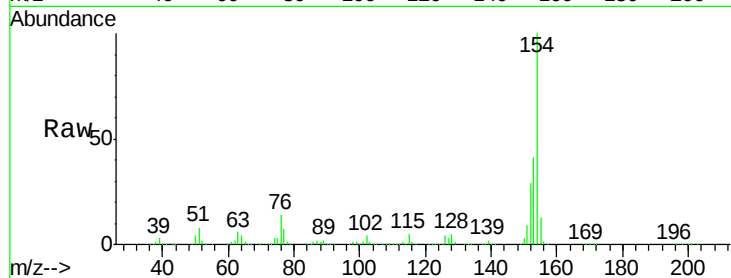




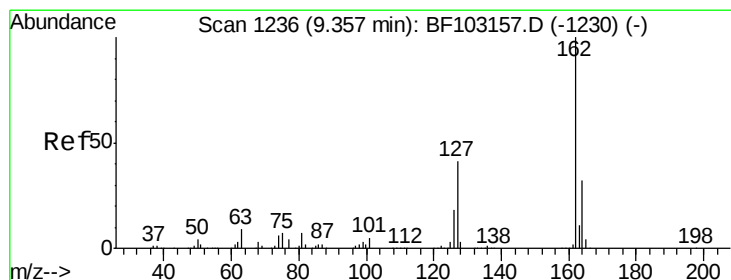
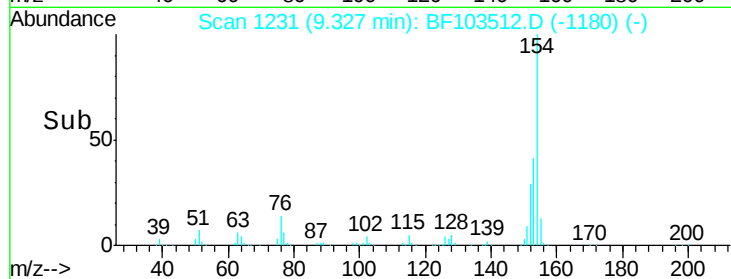
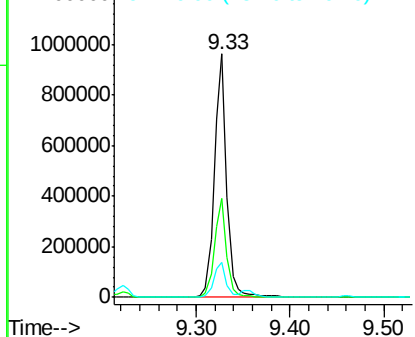
#45
 1,1'-Biphenyl
 Concen: 36.818 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 895858
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.3 61.3
 76 14.4 0.0 34.0

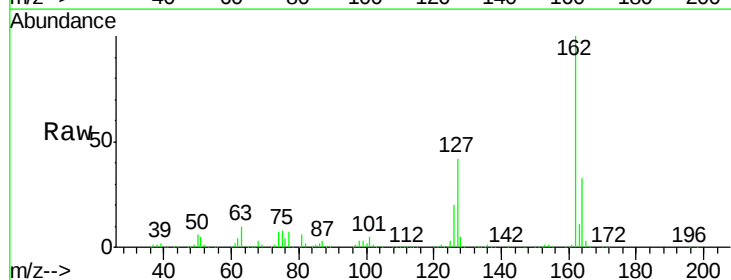


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

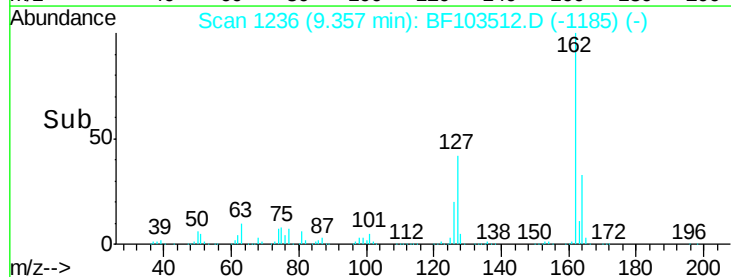
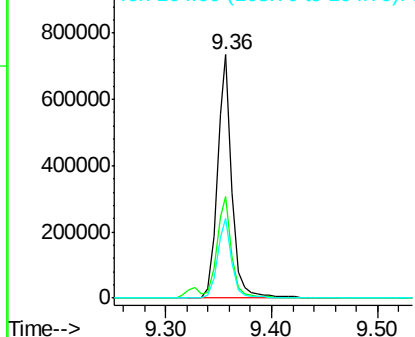


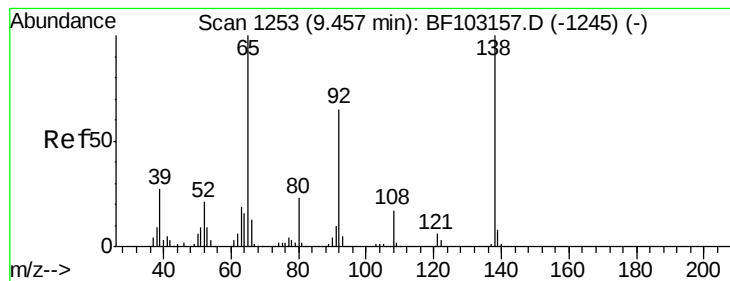
#46
 2-Chloronaphthalene
 Concen: 36.916 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Tgt Ion:162 Resp: 710644
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.9 50.9
 164 32.9 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: 39.510 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

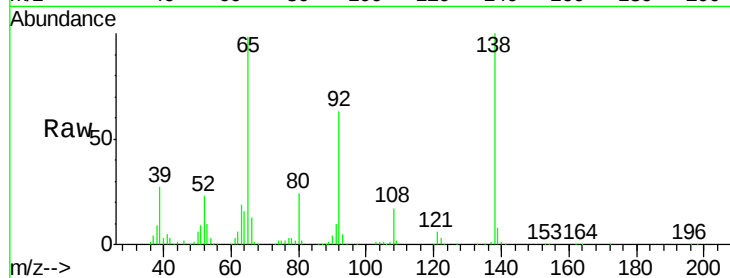
Tot Ion: 65 Resp: 281726

Ion Ratio Lower Upper

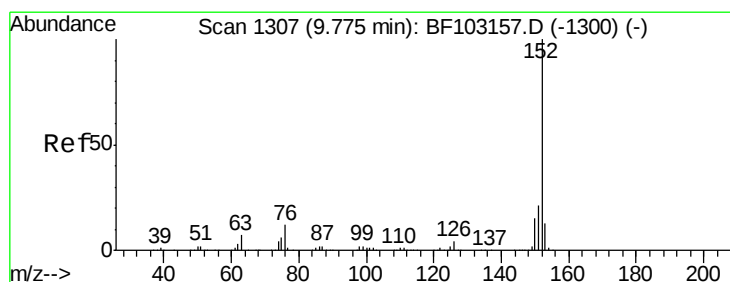
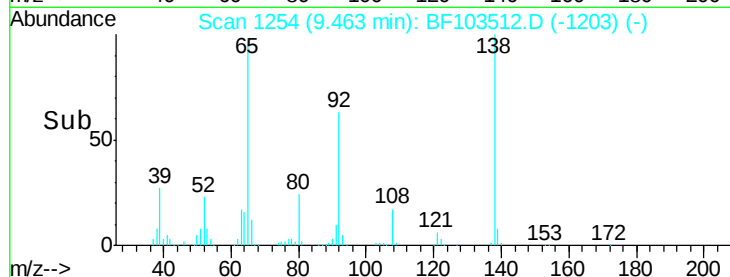
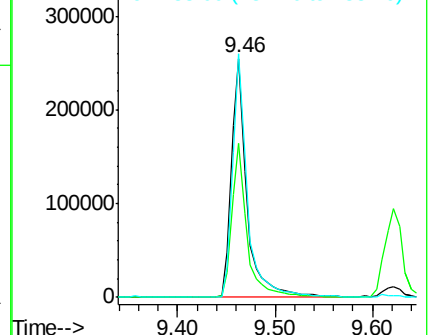
65 100

92 64.6 55.8 83.6

138 102.1 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: 35.467 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

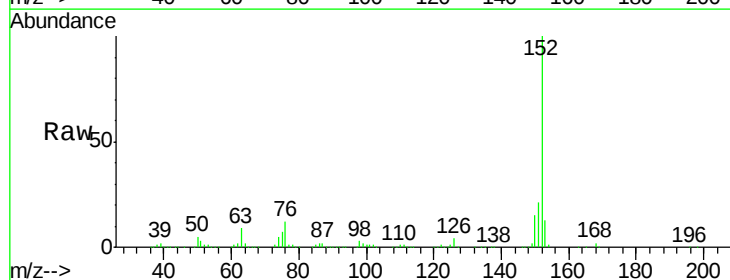
Tgt Ion: 152 Resp: 1050484

Ion Ratio Lower Upper

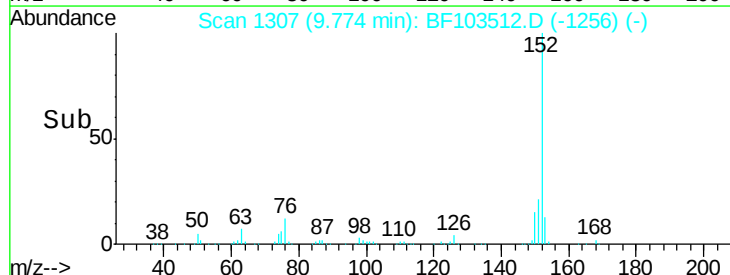
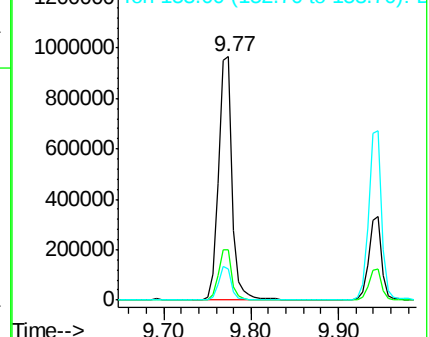
152 100

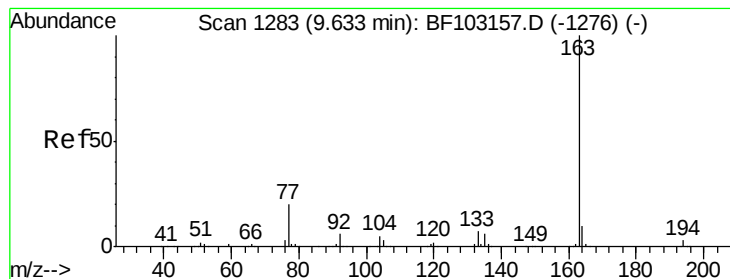
151 20.8 16.3 24.5

153 13.0 10.7 16.1



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





#49

Dimethylphthalate

Concen: 34.546 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

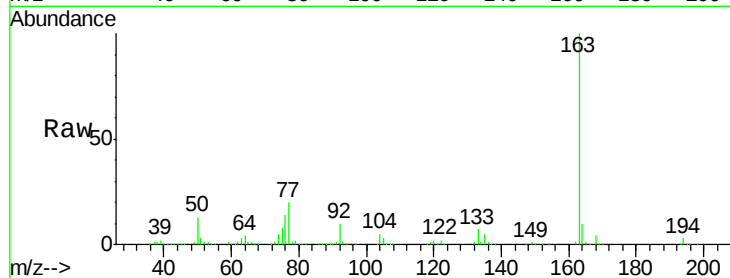
Tot Ion:163 Resp: 804742

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

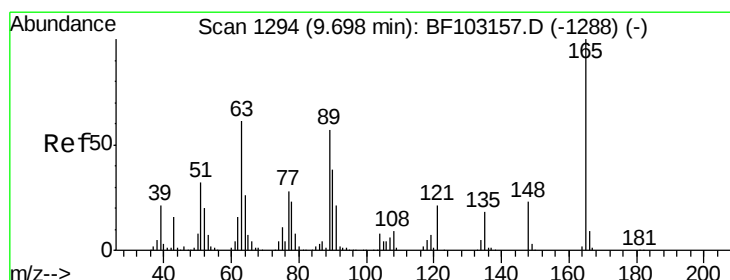
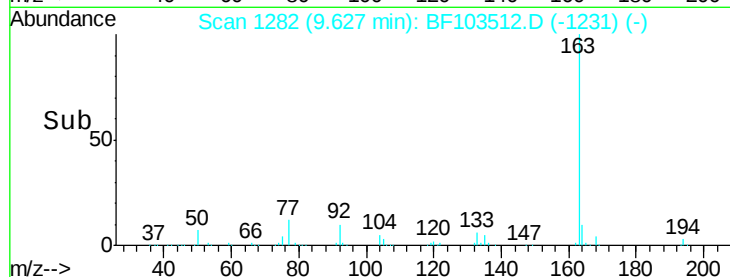
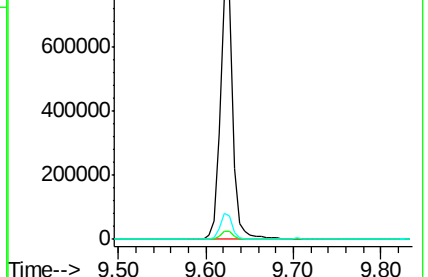
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.682 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

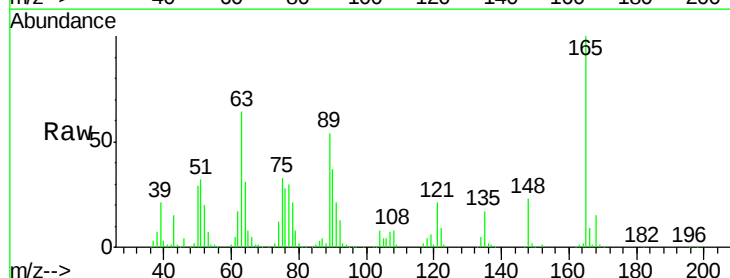
Tgt Ion:165 Resp: 174431

Ion Ratio Lower Upper

165 100

63 63.7 44.7 67.1

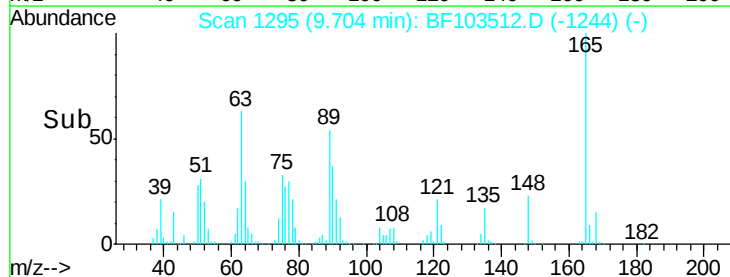
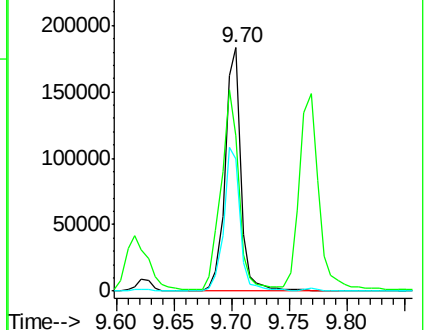
89 54.2 44.0 66.0

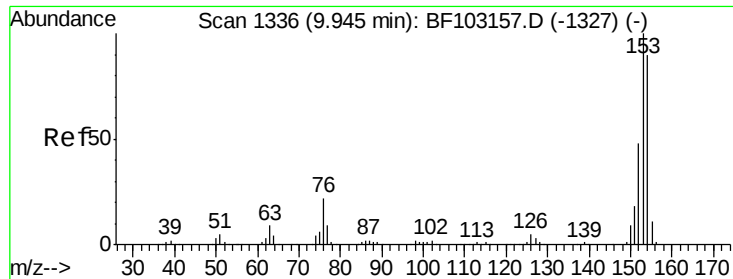


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.428 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampled :

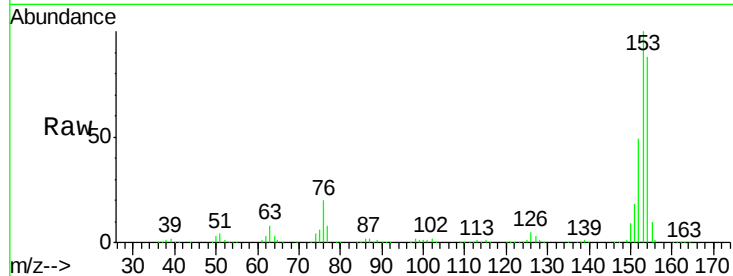
Tot Ion:154 Resp: 611864

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

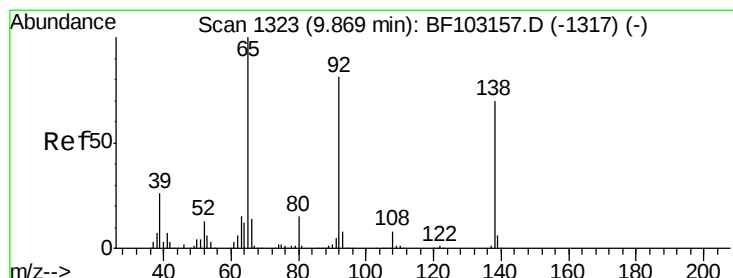
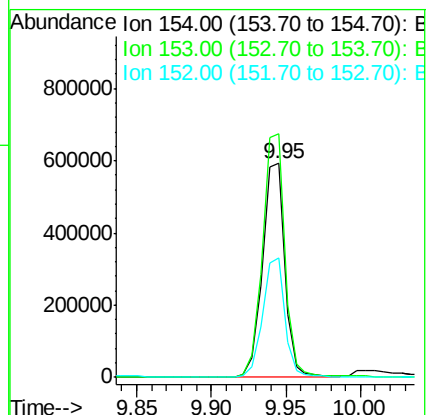
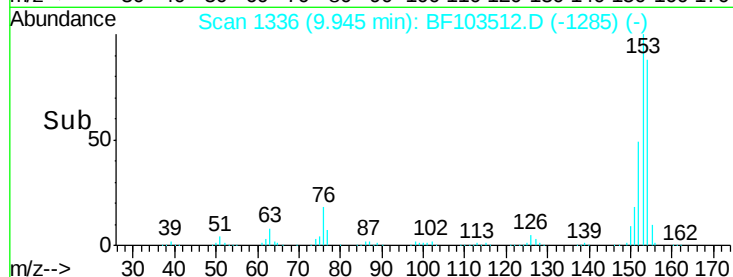
152 55.9 43.8 65.8



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: 37.379 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

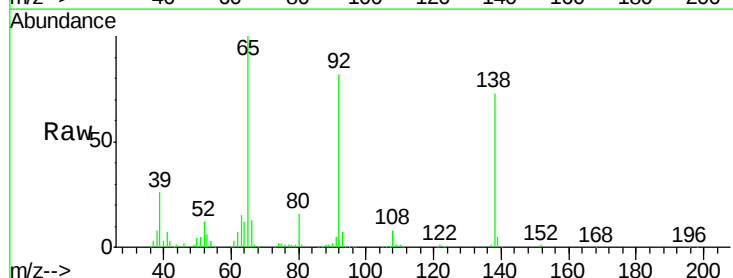
Tgt Ion:138 Resp: 231825

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

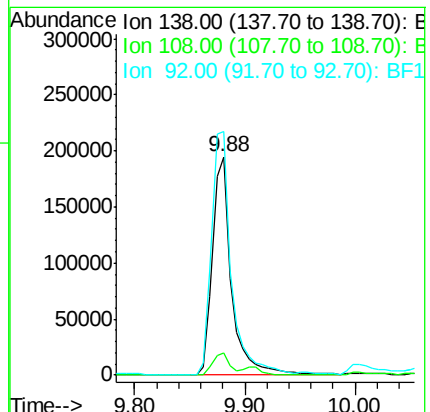
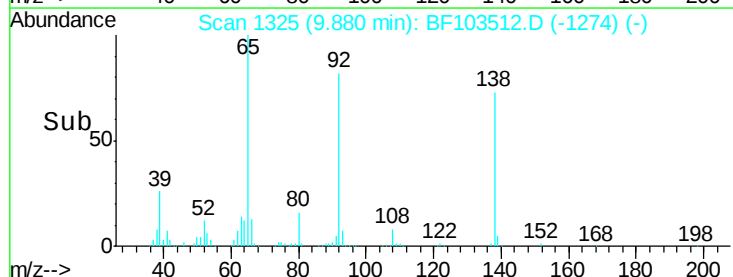
92 111.6 89.4 134.2

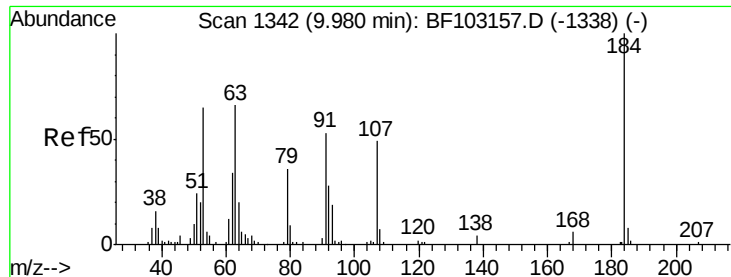


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

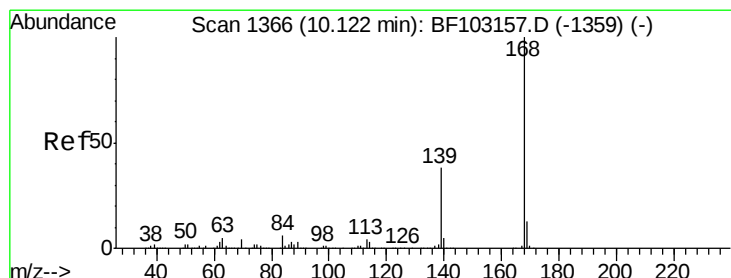
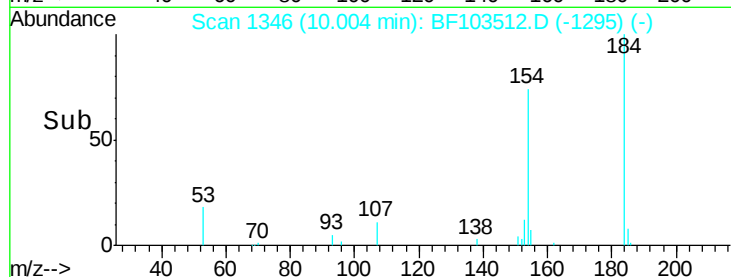
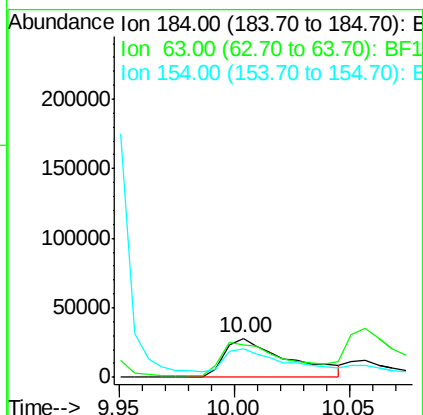
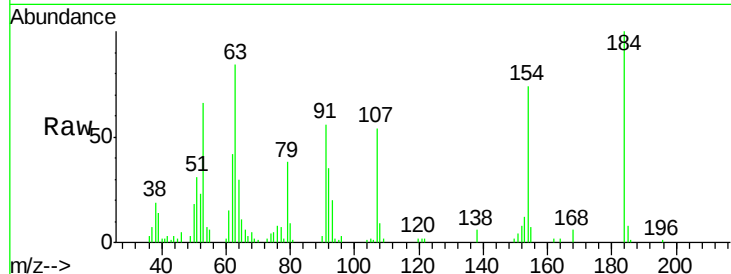




#53
2,4-Dinitrophenol
Concen: 36.267 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

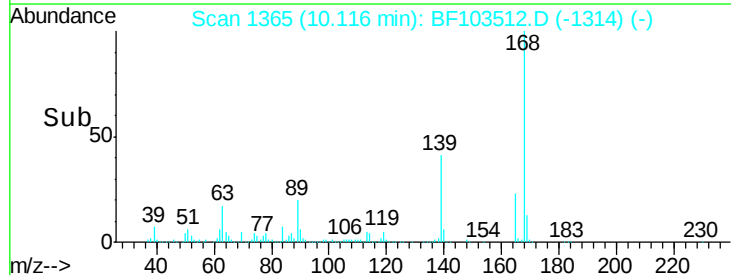
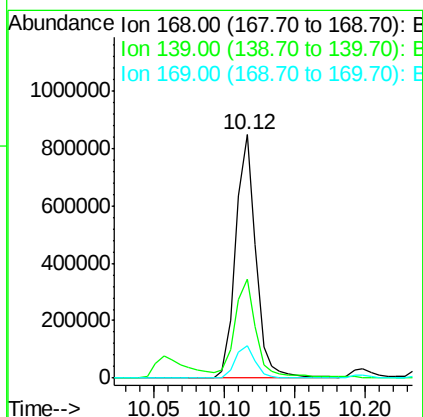
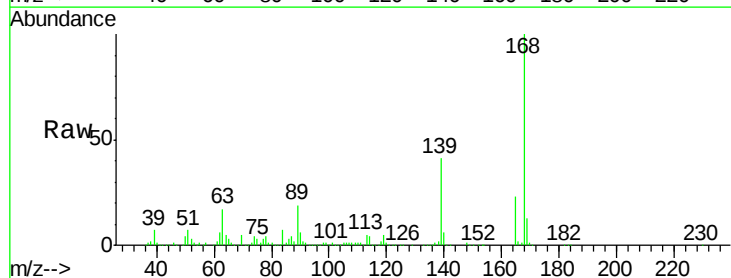
Instrument :
BNA_F
ClientSampleId :

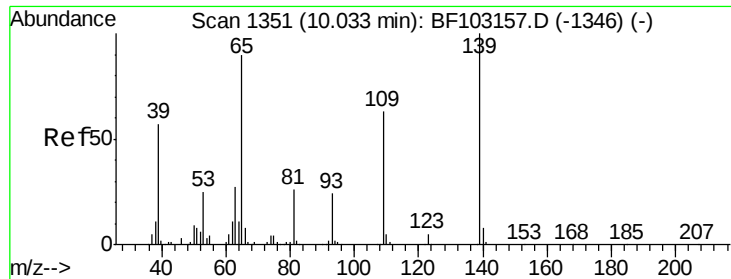
Tot Ion:184 Resp: 53483
Ion Ratio Lower Upper
184 100
63 83.8 54.2 81.2#
154 73.8 184.0 276.0#



#54
Dibenzofuran
Concen: 35.685 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:168 Resp: 846027
Ion Ratio Lower Upper
168 100
139 40.7 30.1 45.1
169 13.2 10.9 16.3

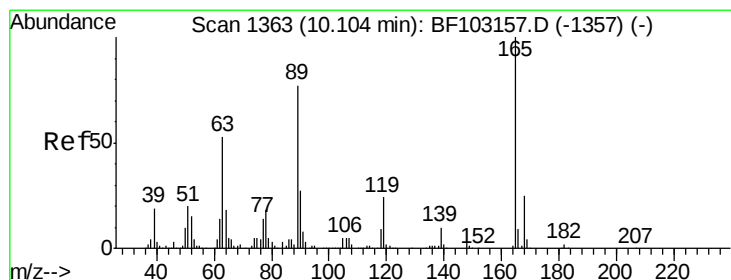
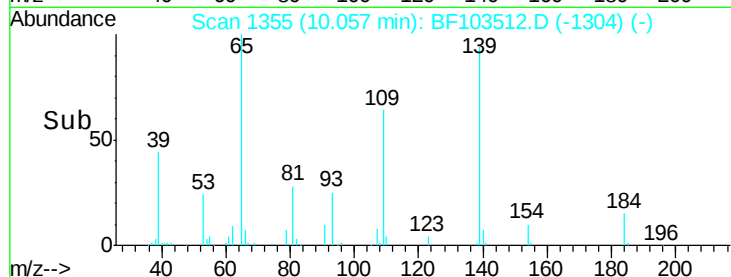
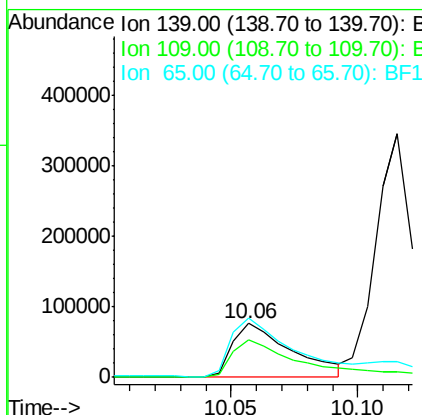
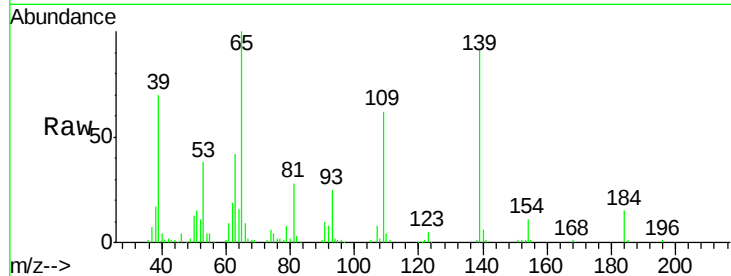




#55
4-Nitrophenol
Concen: 32.198 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

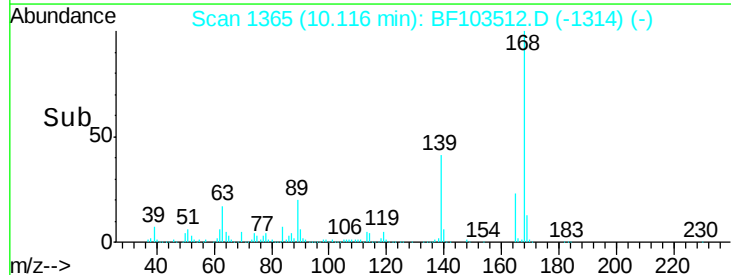
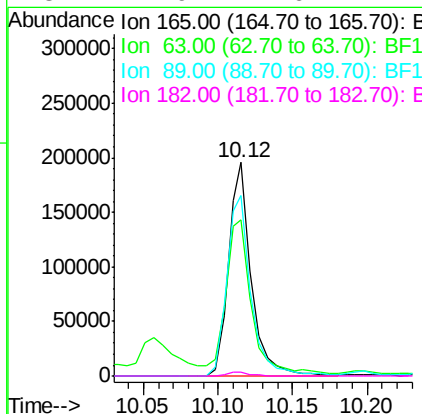
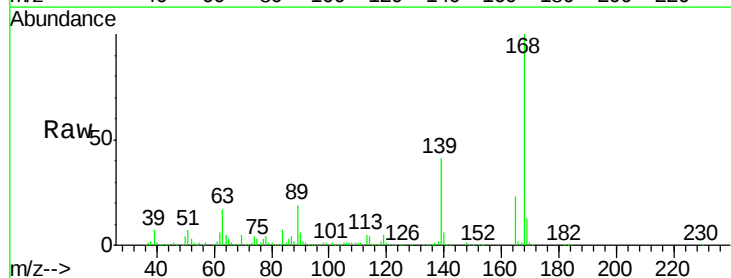
Instrument :
BNA_F
ClientSampled :

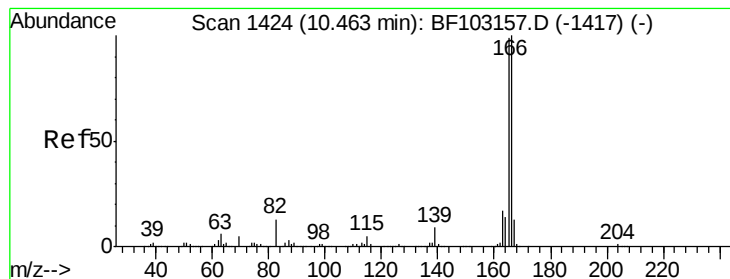
Tot Ion:139 Resp: 123765
Ion Ratio Lower Upper
139 100
109 68.4 48.4 88.4
65 109.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.043 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:165 Resp: 210470
Ion Ratio Lower Upper
165 100
63 73.2 36.4 54.6#
89 84.5 57.8 86.6
182 1.9 1.6 2.4





#57

Fluorene

Concen: 35.084 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

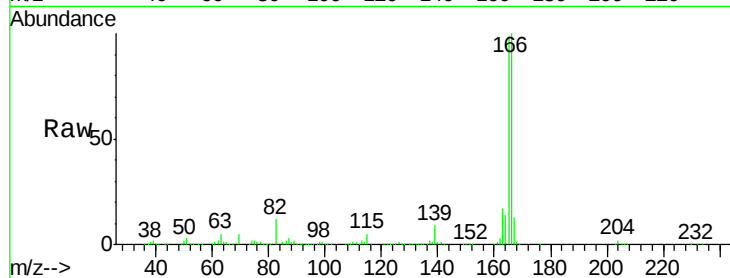
Tot Ion:166 Resp: 708574

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

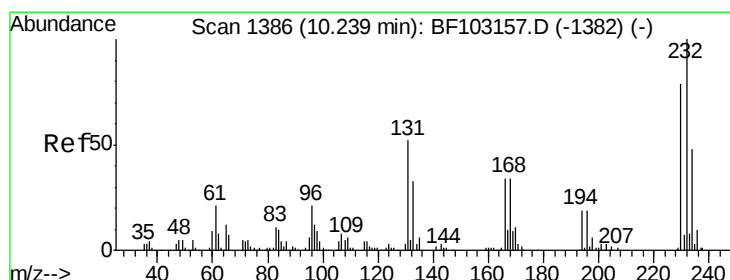
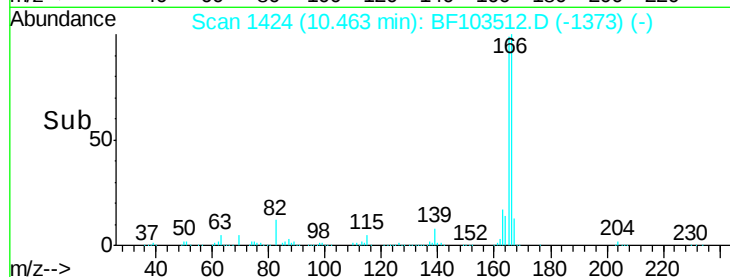
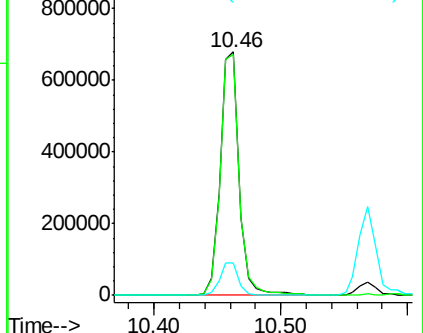
167 13.2 10.6 16.0



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: 33.076 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Tgt Ion:232 Resp: 136505

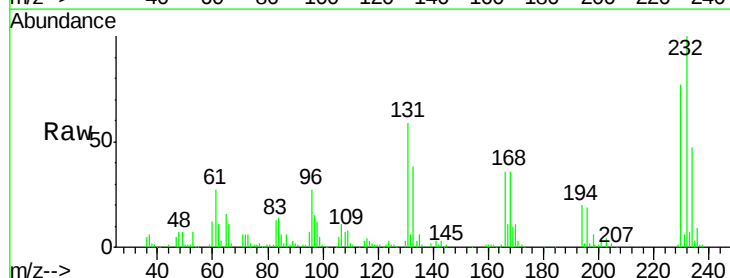
Ion Ratio Lower Upper

232 100

131 63.1 43.8 65.8

130 3.2 2.1 3.1#

166 34.2 27.8 41.6

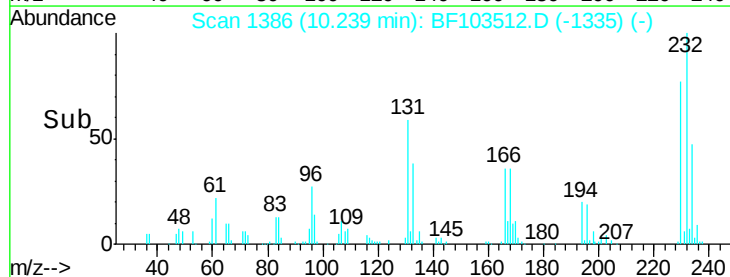
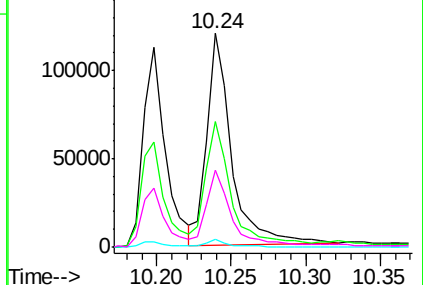


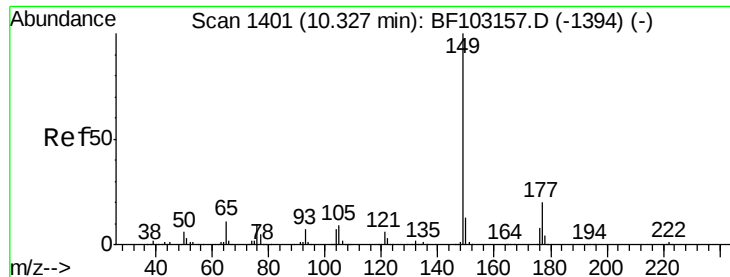
Abundance Ion 232.00 (231.70 to 232.70): E

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

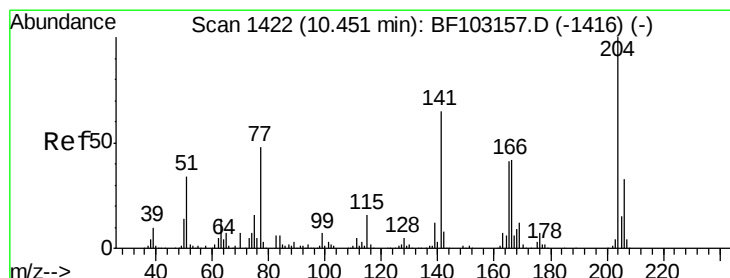
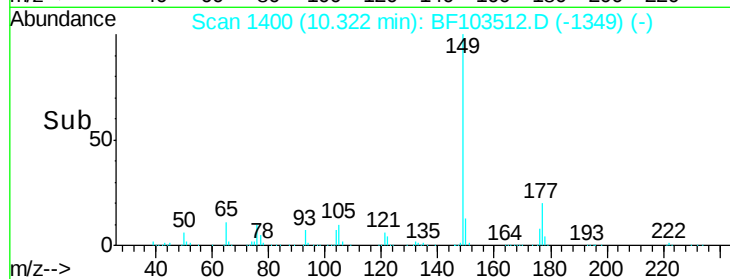
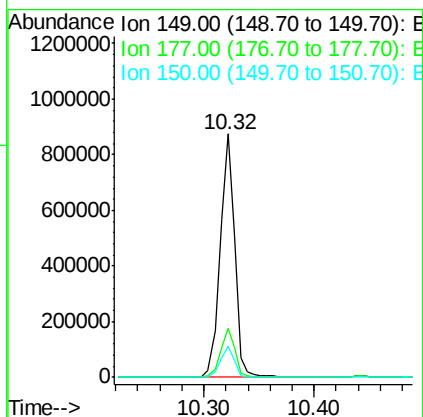
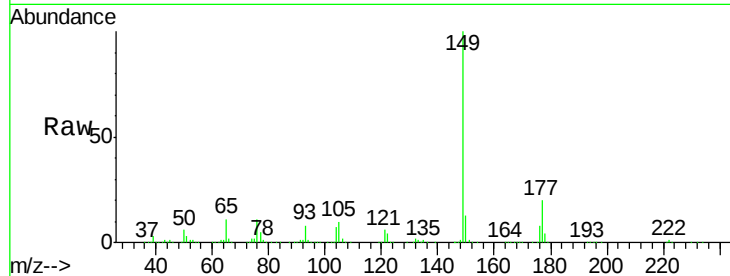




#59
Diethylphthalate
Concen: 36.219 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

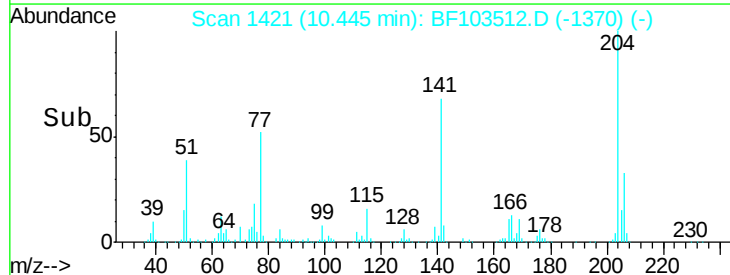
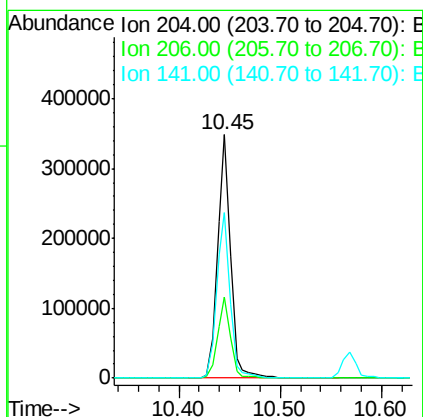
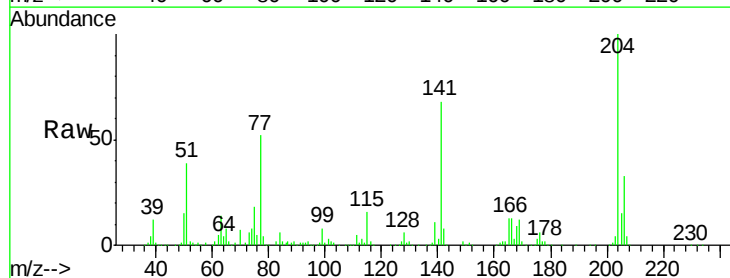
Instrument :
BNA_F
ClientSampled :

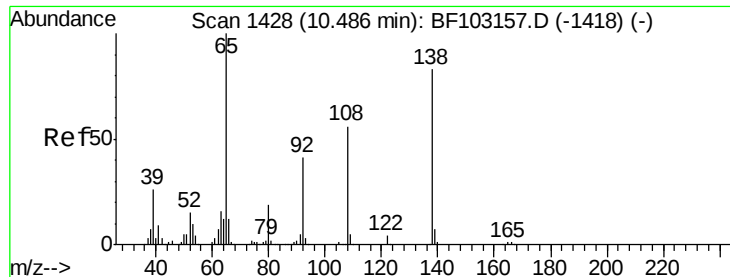
Tot Ion:149 Resp: 806927
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.082 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:204 Resp: 309027
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 68.2 54.6 81.8

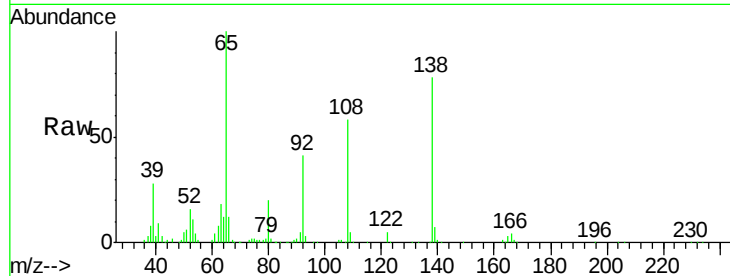




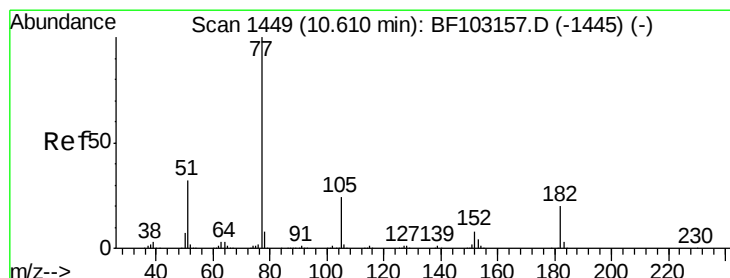
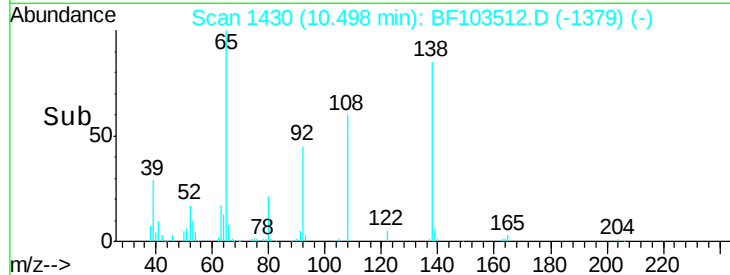
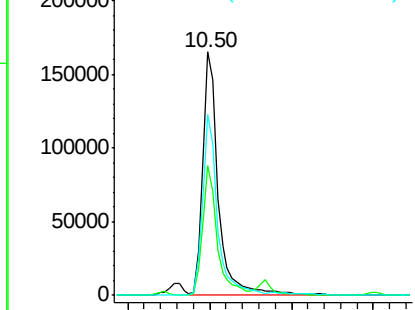
#61
4-Nitroaniline
Concen: 35.644 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 220809
Ion Ratio Lower Upper
138 100
92 53.1 30.2 70.2
108 74.1 52.5 92.5

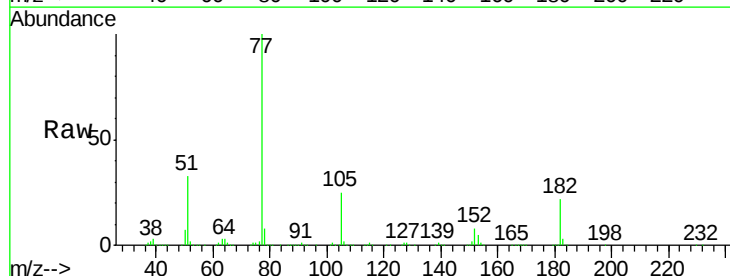


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

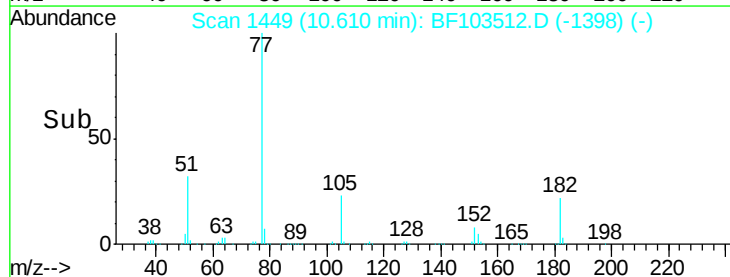
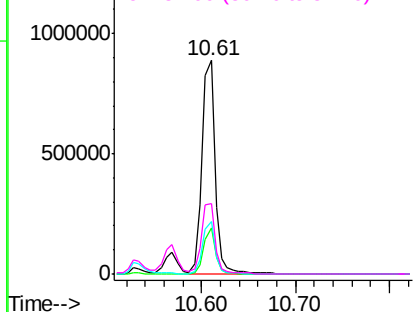


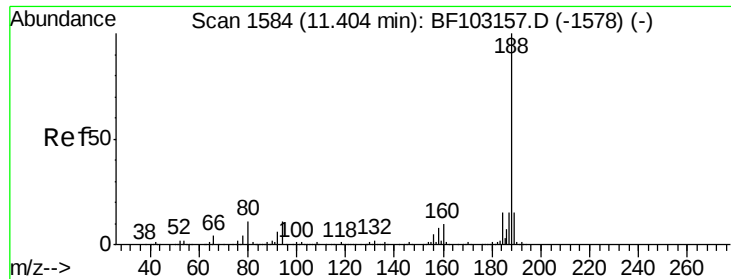
#62
Azobenzene
Concen: 38.449 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion: 77 Resp: 871939
Ion Ratio Lower Upper
77 100
182 21.8 1.7 41.7
105 24.5 3.0 43.0
51 32.8 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: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

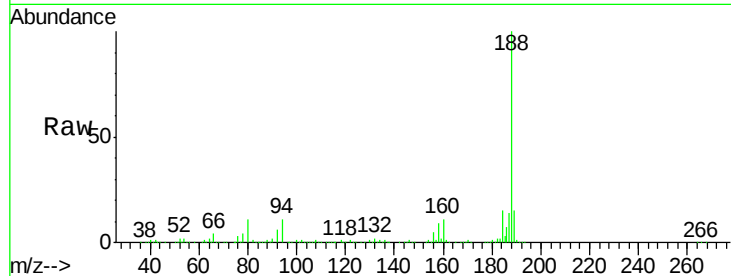
Tot Ion:188 Resp: 499865

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

600000

500000

400000

300000

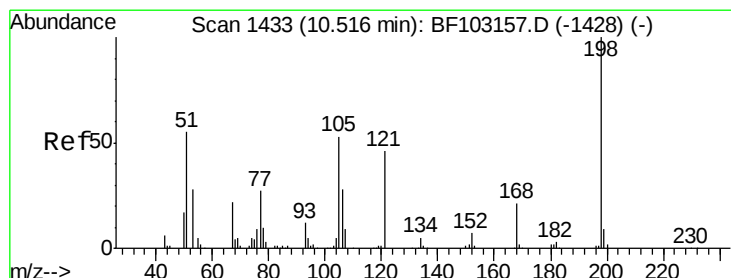
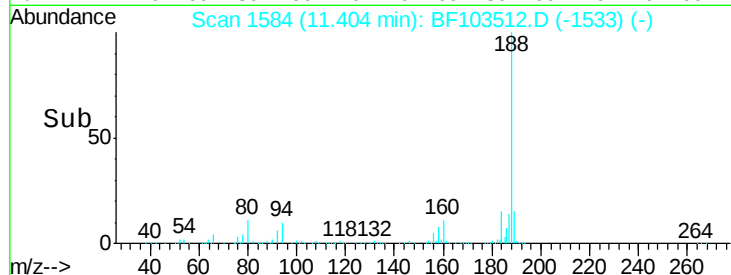
200000

100000

0

11.35 11.40 11.45

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 33.982 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

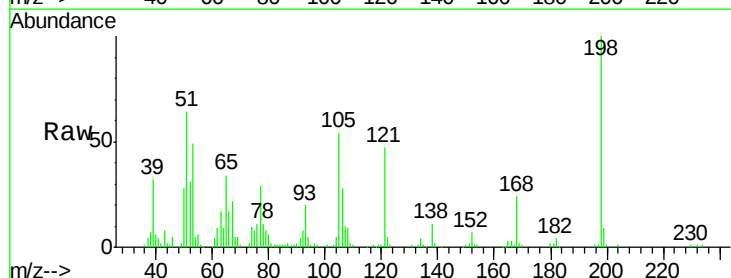
Tgt Ion:198 Resp: 98458

Ion Ratio Lower Upper

198 100

51 63.6 37.7 77.7

105 54.0 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

400000

300000

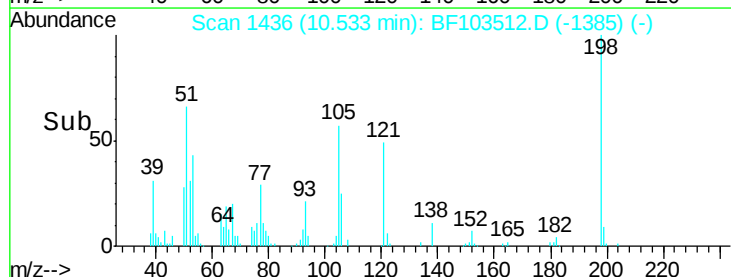
200000

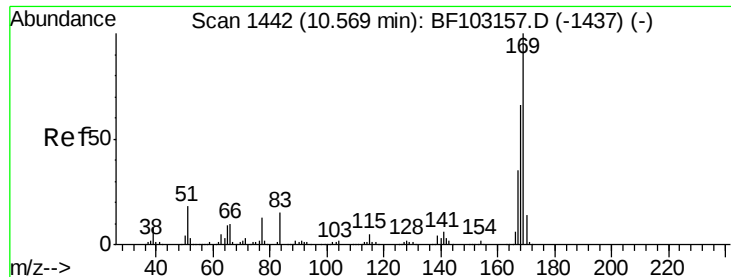
100000

0

10.50 10.53 10.60

Time-->





#65

n-Nitrosodiphenylamine

Concen: 36.827 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampled :

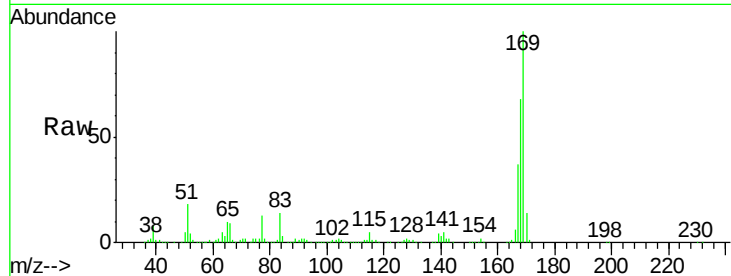
Tot Ion:169 Resp: 640952

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

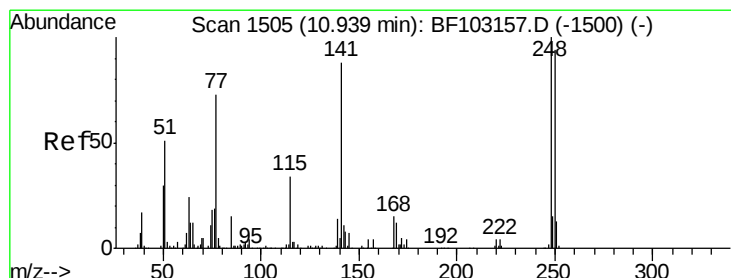
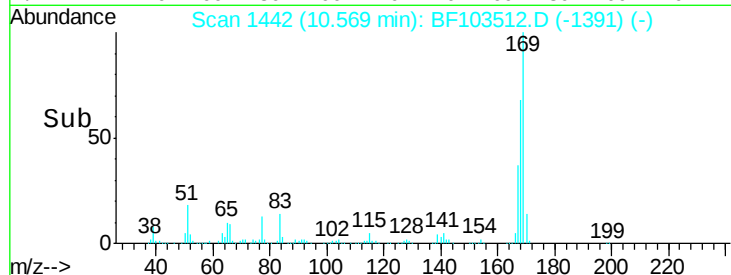
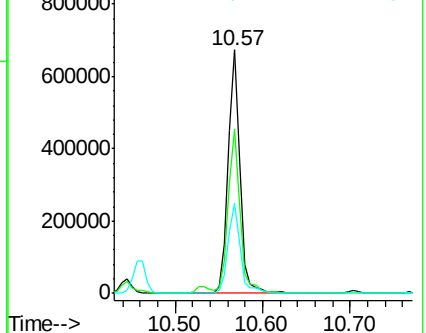
167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.116 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

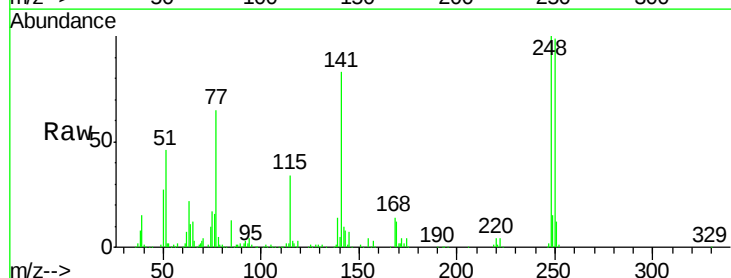
Tgt Ion:248 Resp: 182851

Ion Ratio Lower Upper

248 100

250 98.5 76.9 115.3

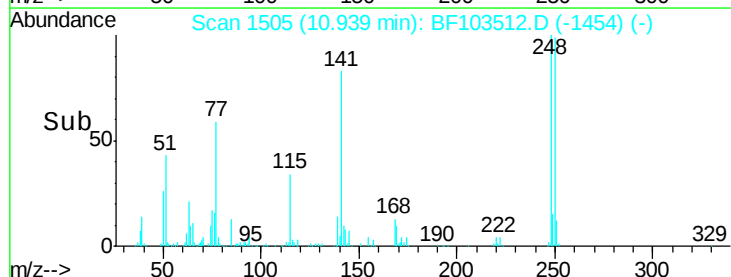
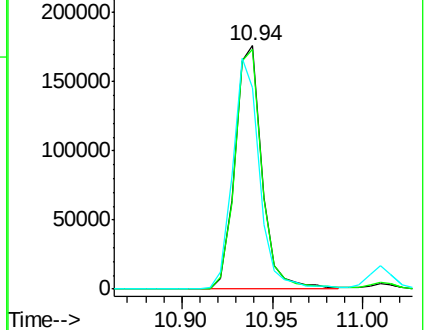
141 82.7 74.4 111.6

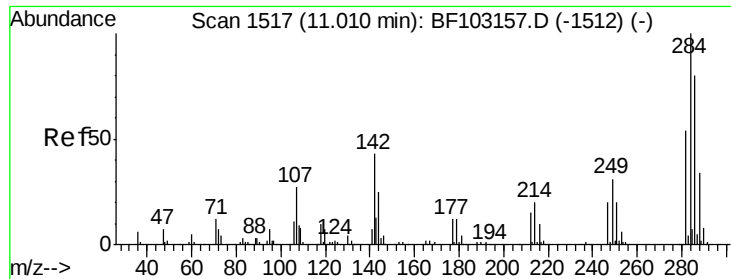


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

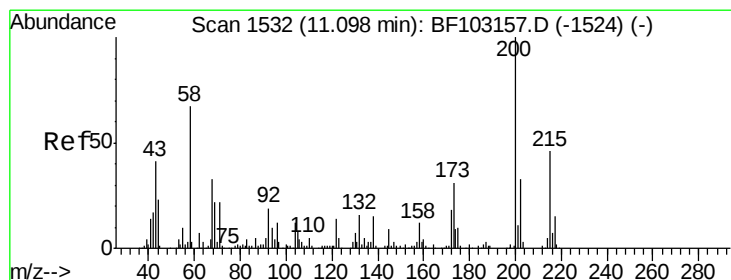
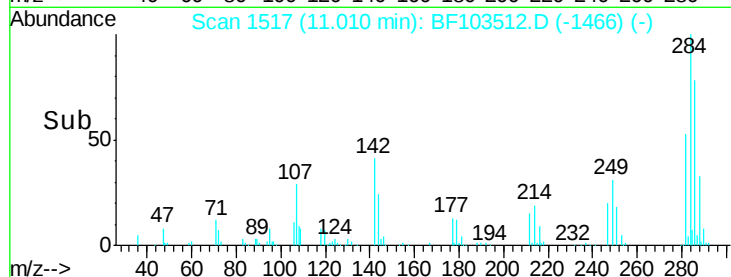
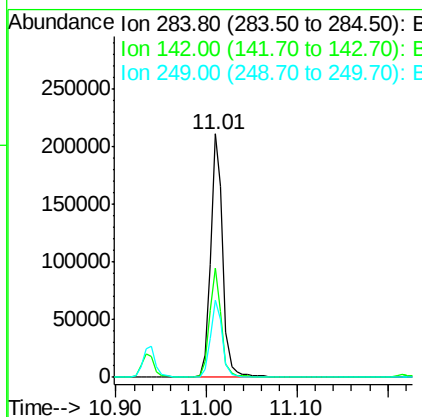
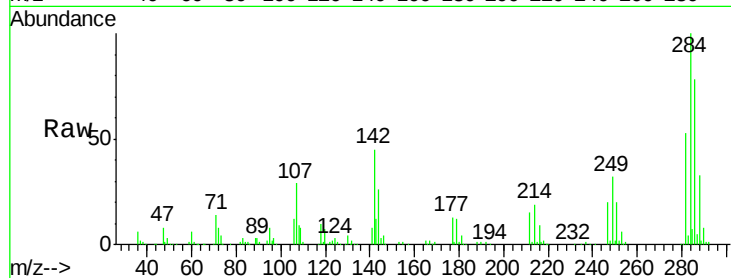




#67
Hexachlorobenzene
Concen: 35.172 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

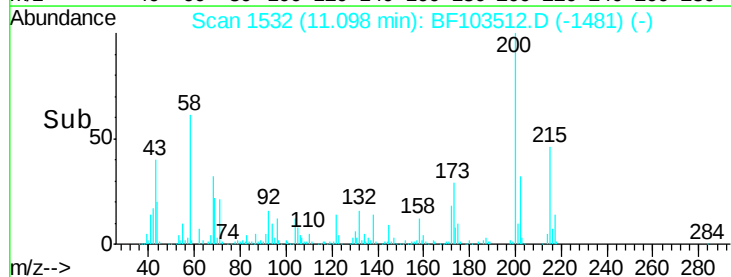
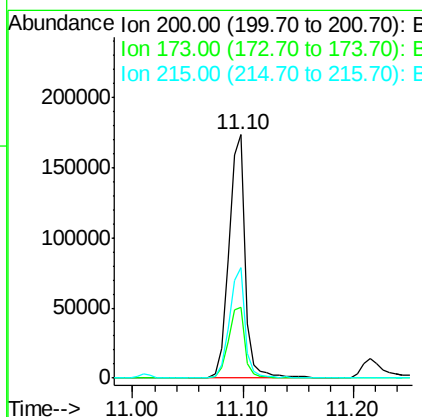
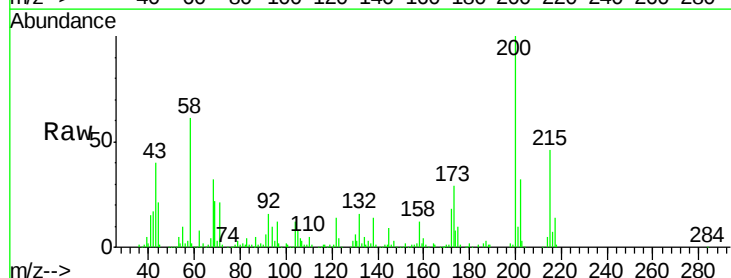
Instrument :
BNA_F
ClientSampleId :

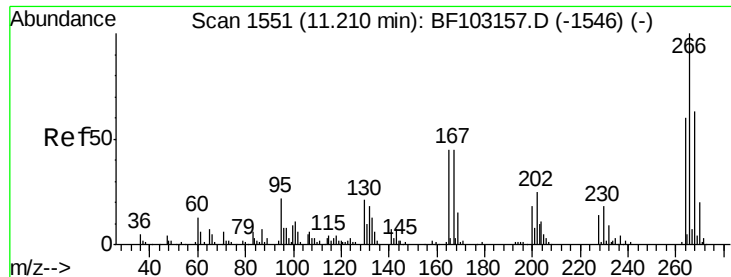
Tot Ion:284 Resp: 198785
Ion Ratio Lower Upper
284 100
142 44.7 34.6 52.0
249 31.7 24.8 37.2



#68
Atrazine
Concen: 34.434 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:200 Resp: 180132
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 45.6 25.1 65.1

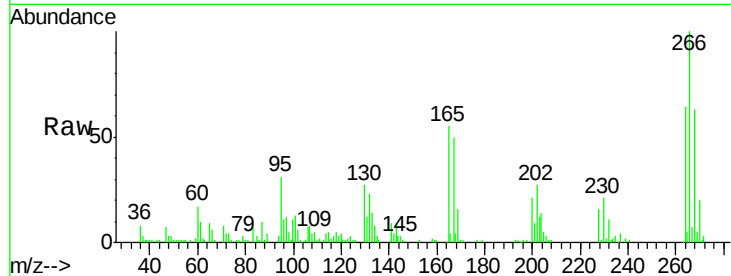




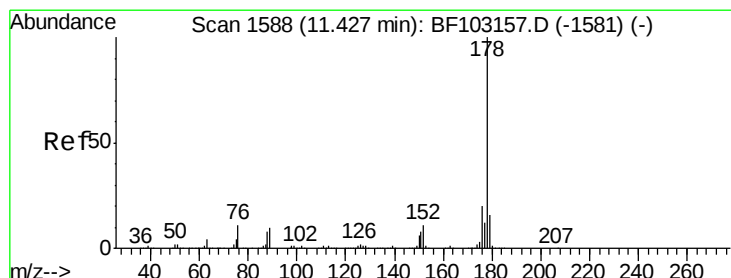
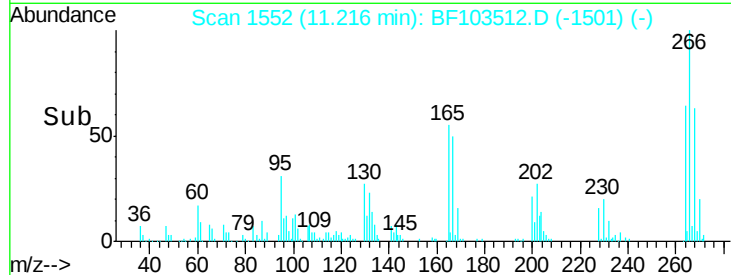
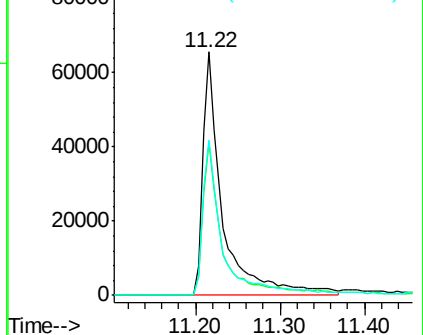
#69
 Pentachlorophenol
 Concen: 38.922 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 106364
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 63.6 49.5 74.3

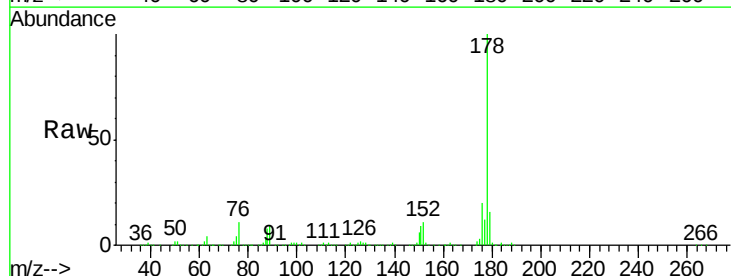


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

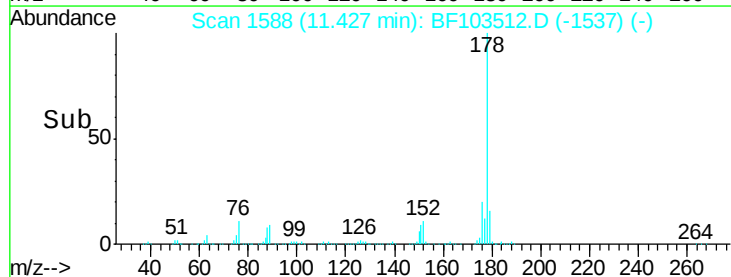
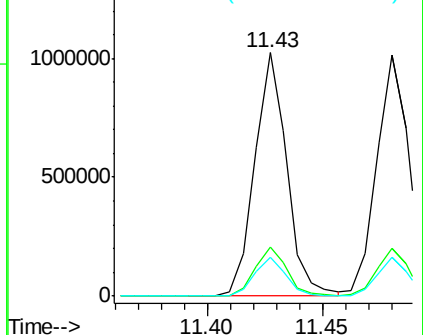


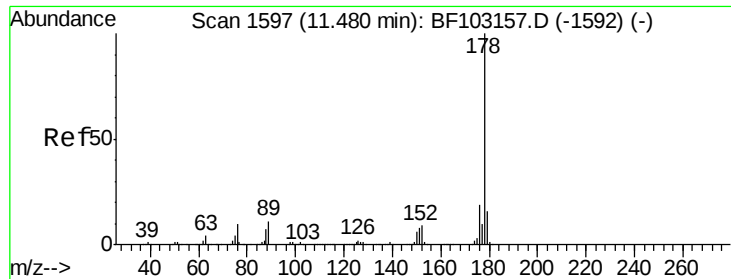
#70
 Phenanthrene
 Concen: 36.135 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Tgt Ion:178 Resp: 994039
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 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

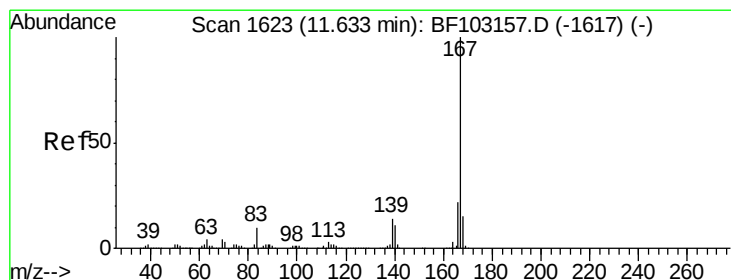
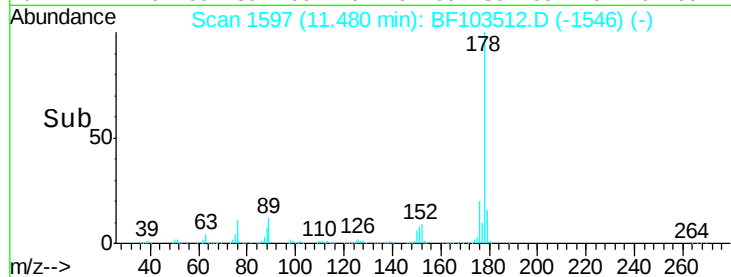
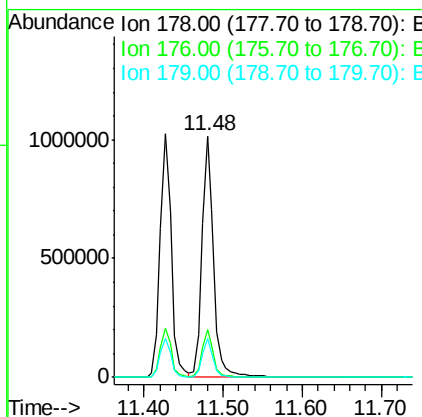
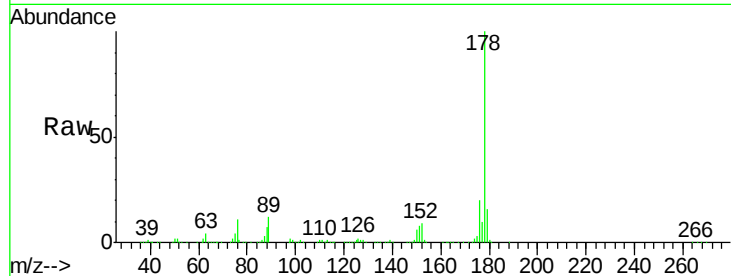




#71
 Anthracene
 Concen: 37.263 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

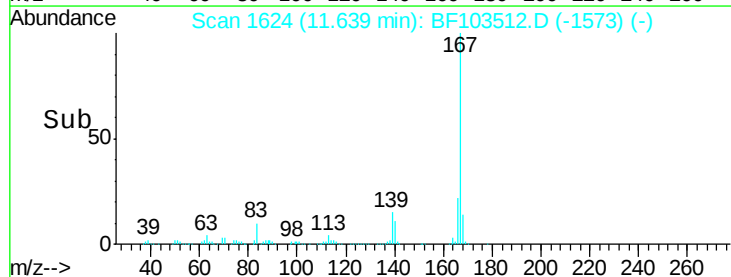
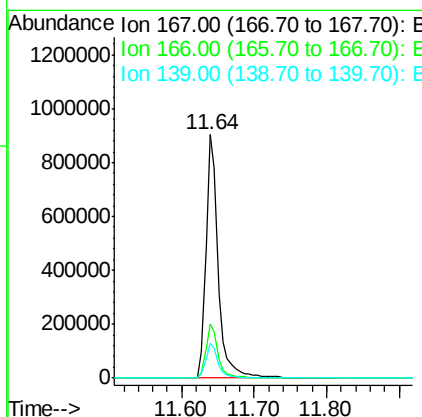
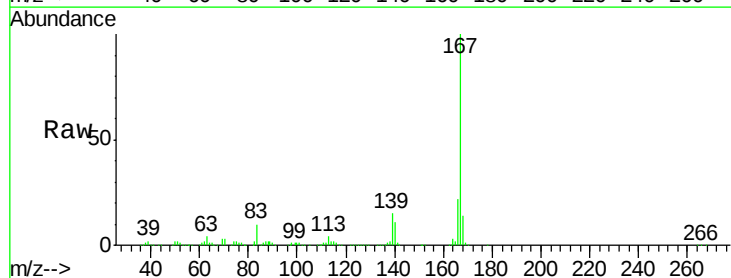
Instrument :
 BNA_F
 ClientSampleId :

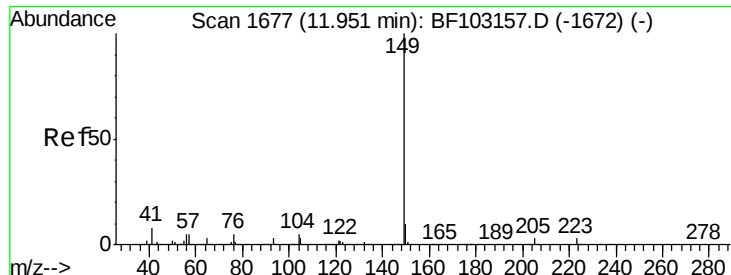
Tot Ion:178 Resp: 1051145
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 37.859 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Tgt Ion:167 Resp: 1063508
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.747 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

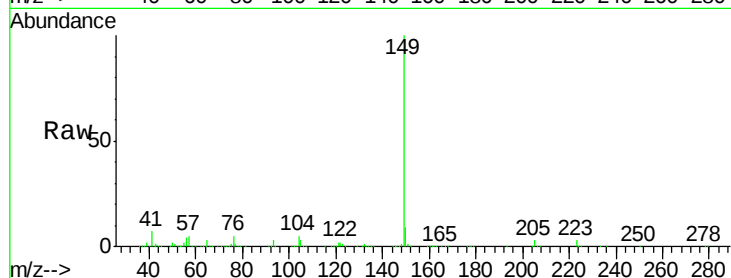
Tot Ion:149 Resp: 1291687

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

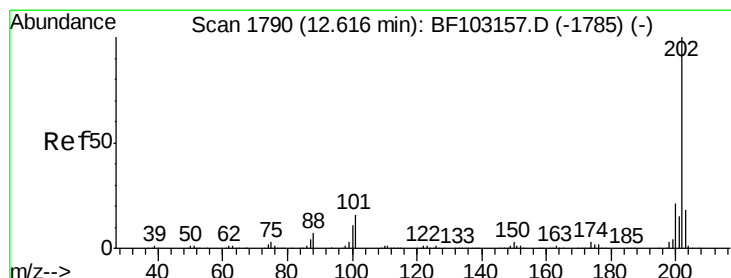
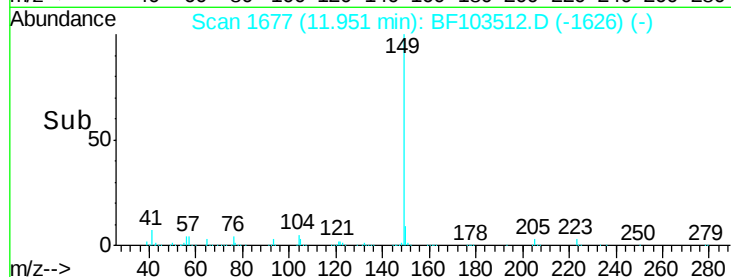
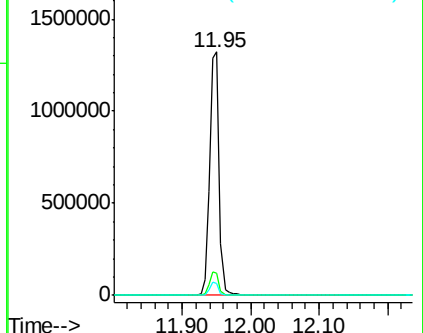
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.845 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

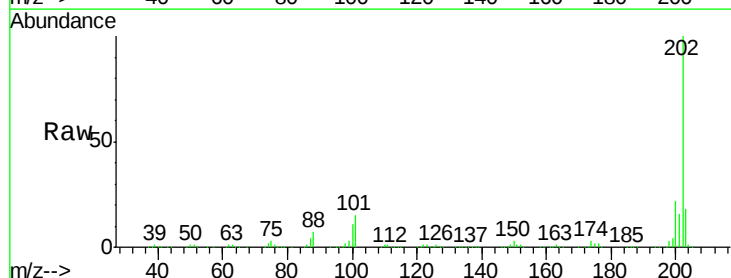
Tgt Ion:202 Resp: 990873

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.1

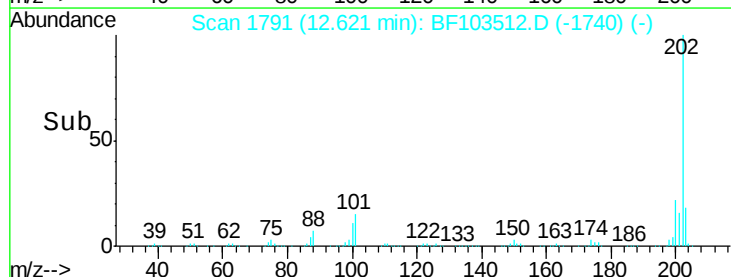
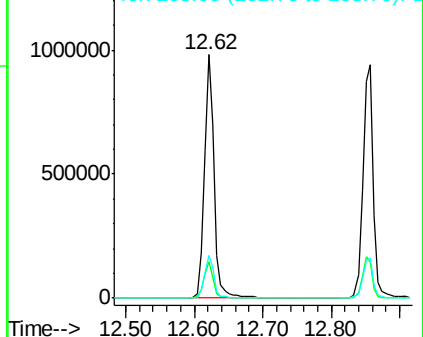
203 17.7 0.0 38.1

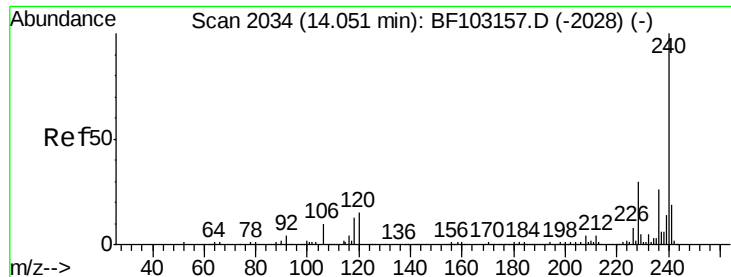


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

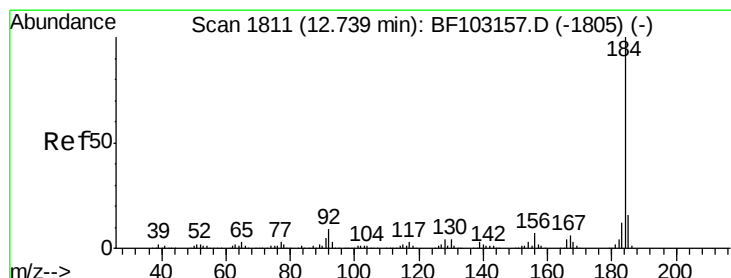
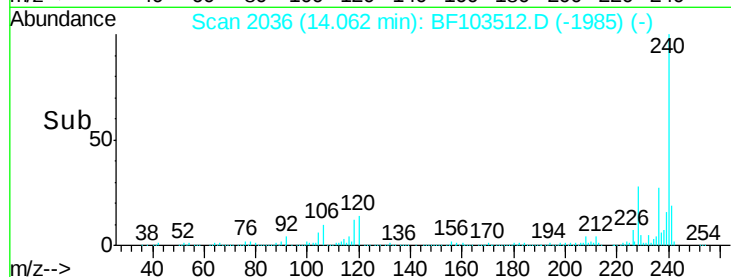
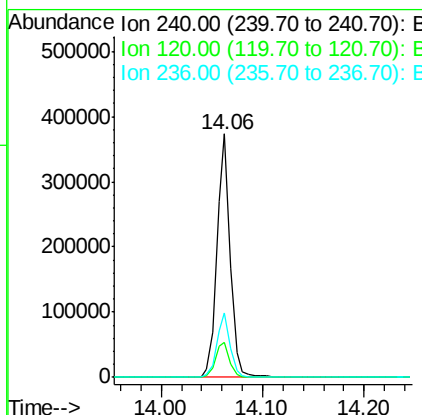
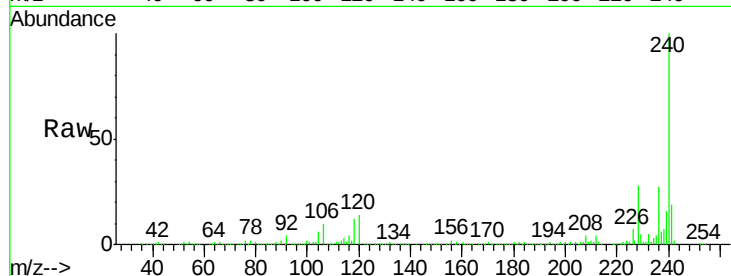




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

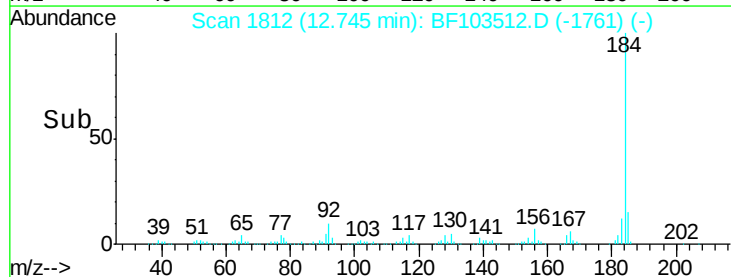
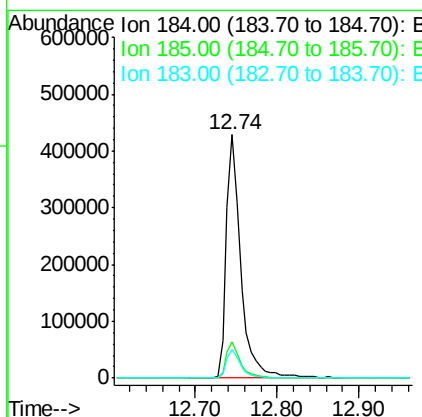
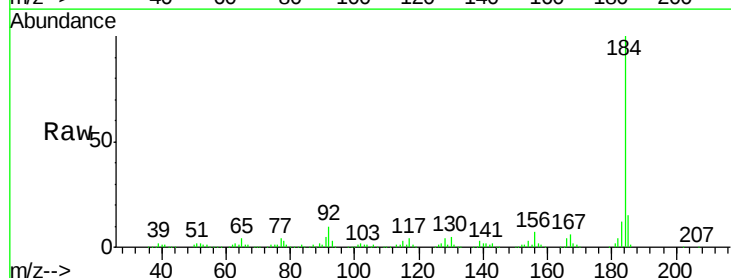
Instrument :
BNA_F
ClientSampleId :

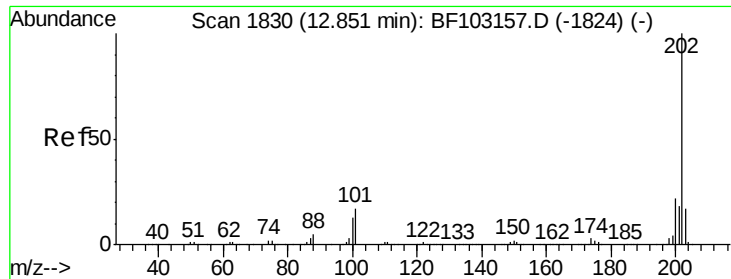
Tot Ion:240 Resp: 338977
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 26.5 20.7 31.1



#76
Benzidine
Concen: 41.970 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:184 Resp: 531877
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 11.7 9.3 13.9

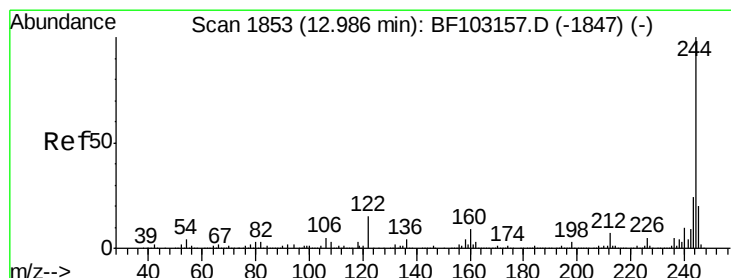
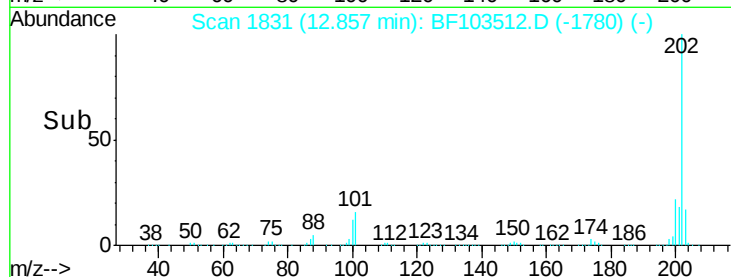
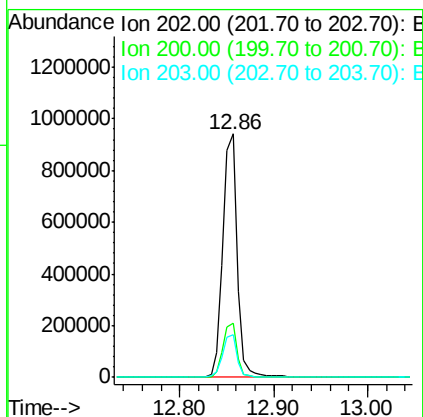
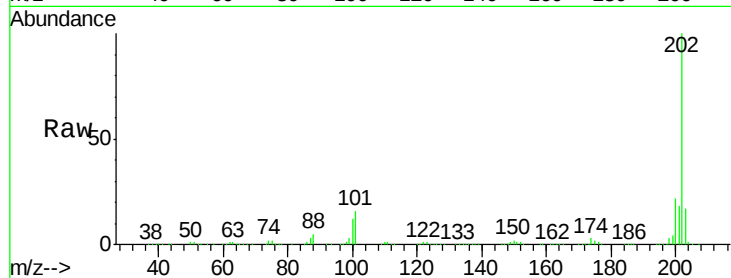




#77
Pvrene
Concen: 38.023 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

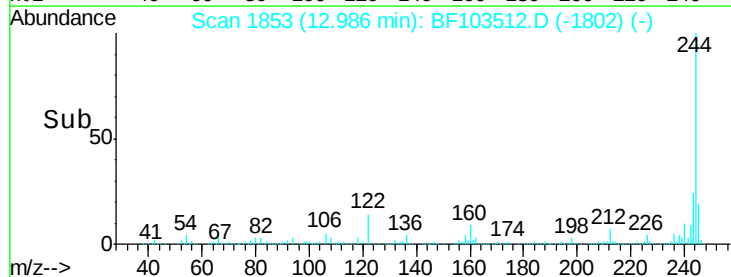
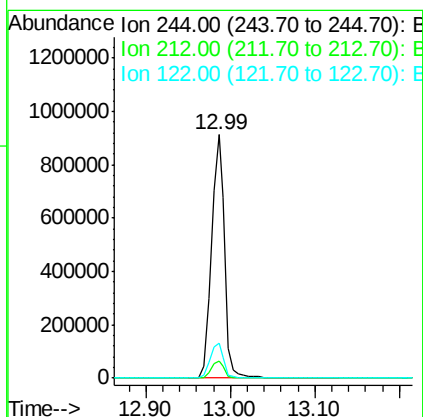
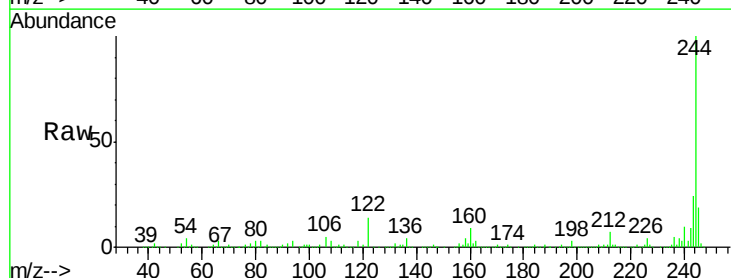
Instrument :
BNA_F
ClientSampleId :

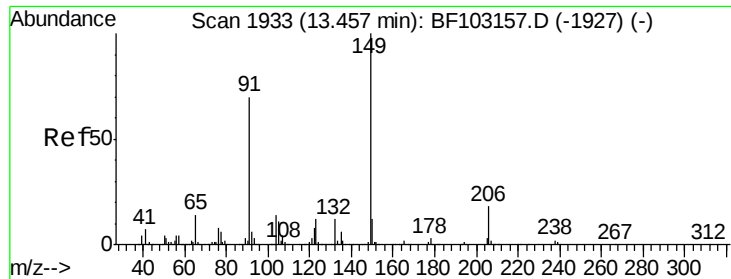
Tot Ion:202 Resp: 1004888
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 71.544 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:244 Resp: 1008863
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 14.4 11.0 16.4

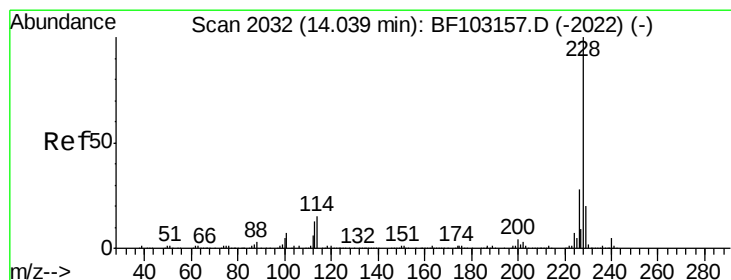
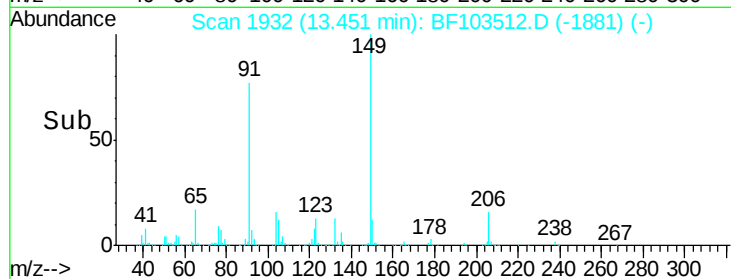
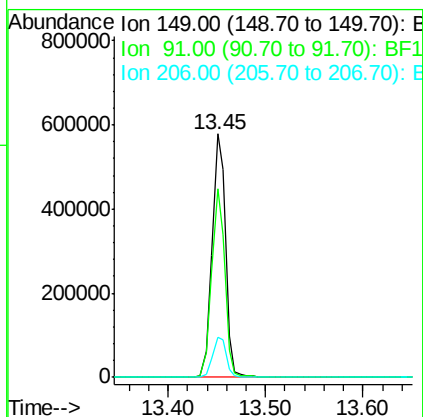
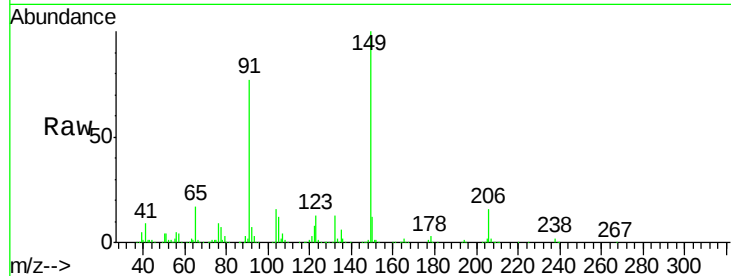




#79
Butylbenzylphthalate
Concen: 39.723 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

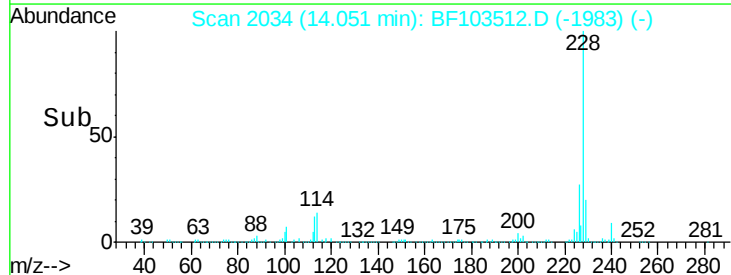
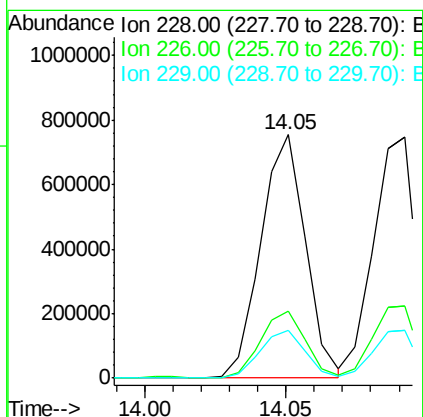
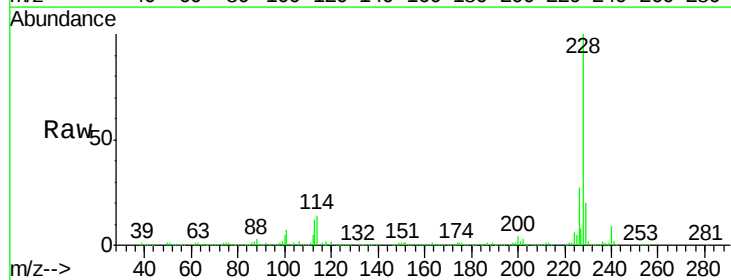
Instrument :
BNA_F
ClientSampleId :

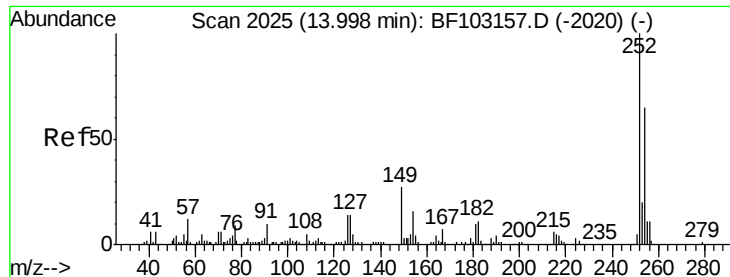
Tot Ion:149 Resp: 554671
Ion Ratio Lower Upper
149 100
91 77.3 56.8 85.2
206 16.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.583 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:228 Resp: 826607
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 35.096 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

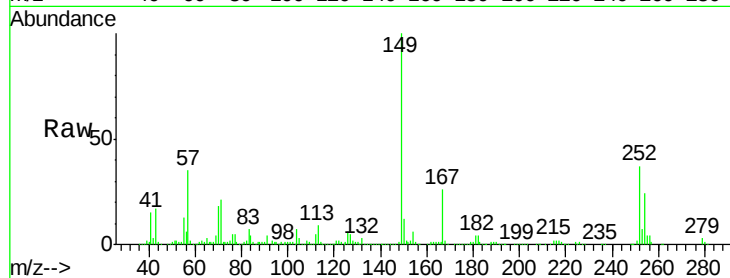
Tot Ion:252 Resp: 275473

Ion Ratio Lower Upper

252 100

254 64.6 50.4 75.6

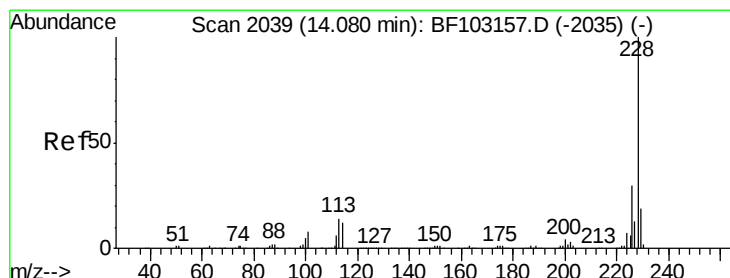
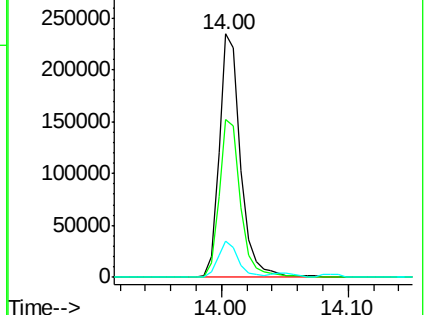
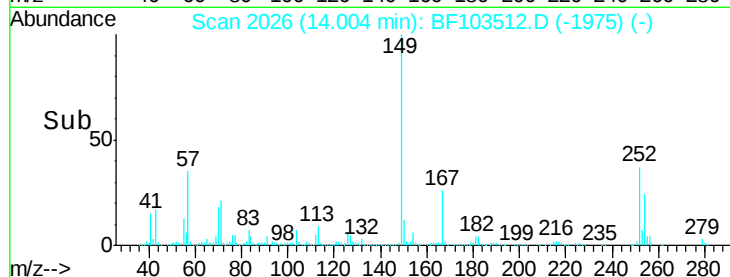
126 14.9 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.856 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

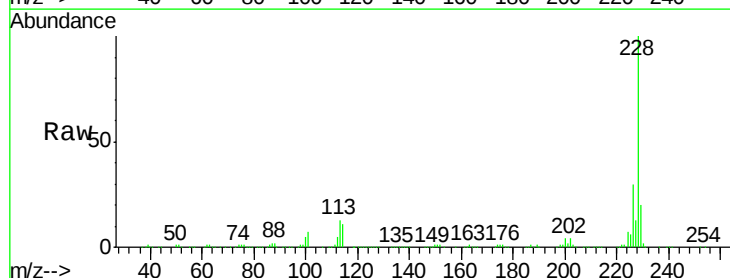
Tgt Ion:228 Resp: 808435

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

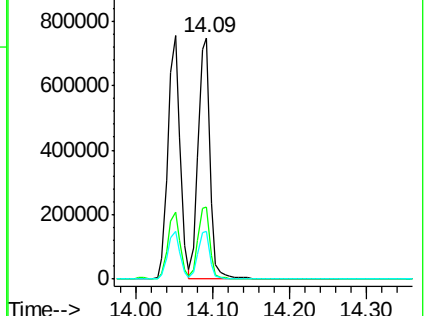
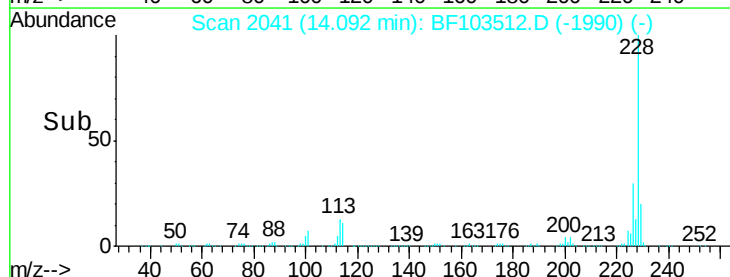
229 19.8 16.2 24.4

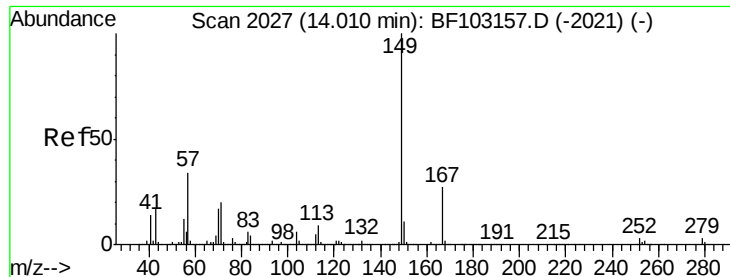


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

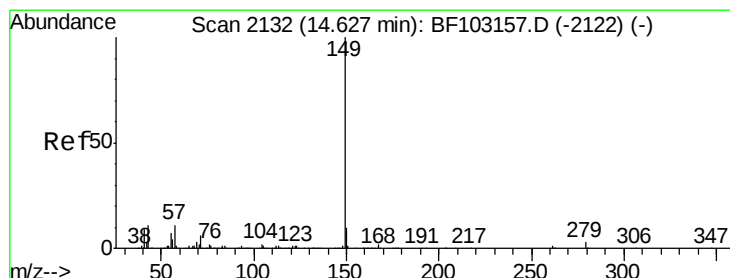
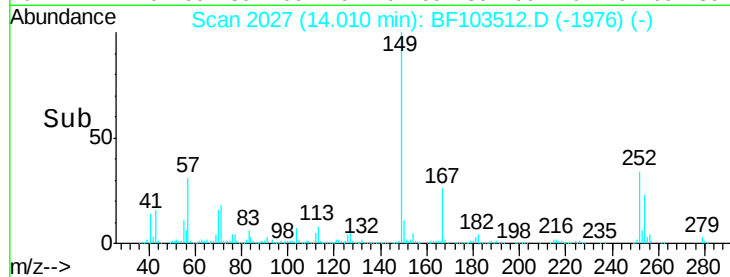
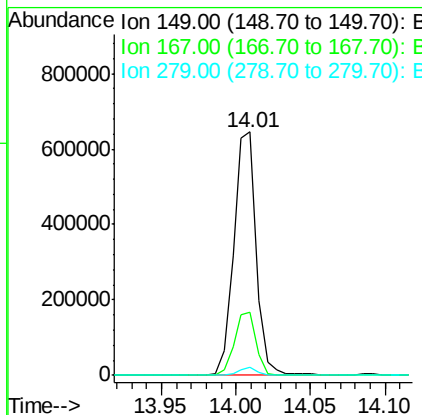
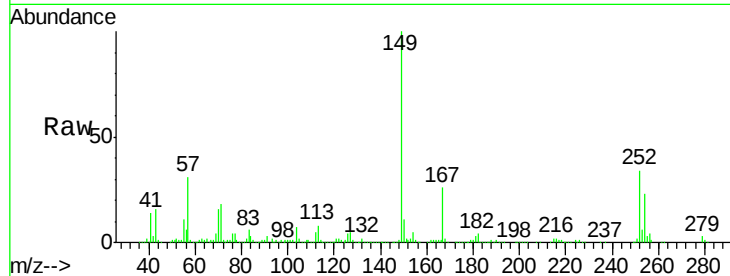




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.079 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

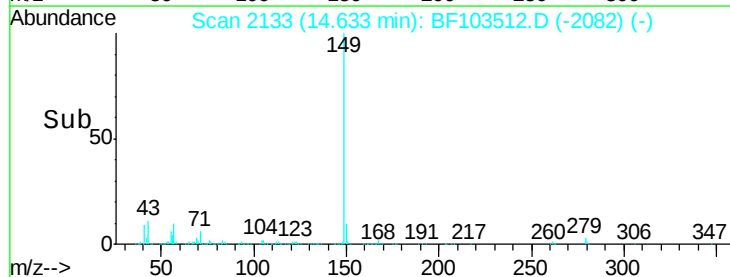
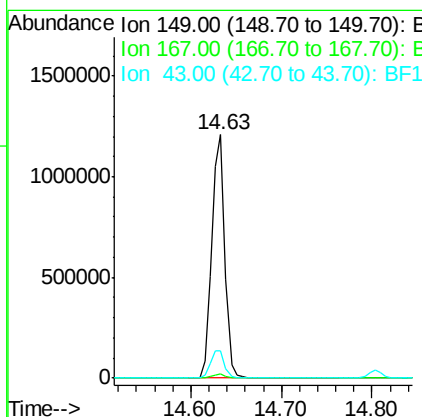
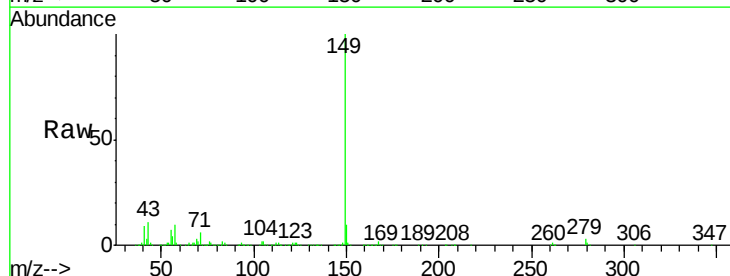
Instrument :
 BNA_F
 ClientSampleId :

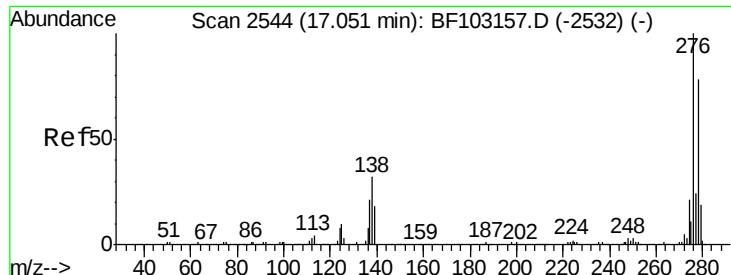
Tot Ion:149 Resp: 679838
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 40.066 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BF103512.D
 Acq: 8 Mar 2018 13:14

Tgt Ion:149 Resp: 1219789
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.8 8.4 12.6

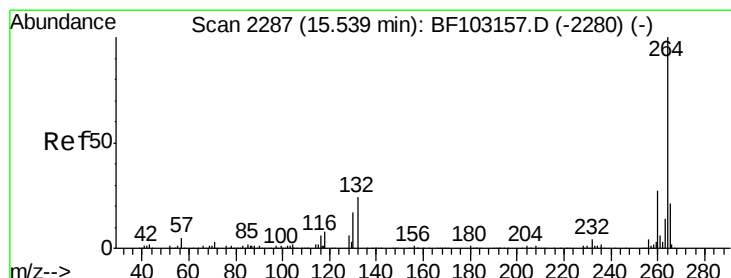
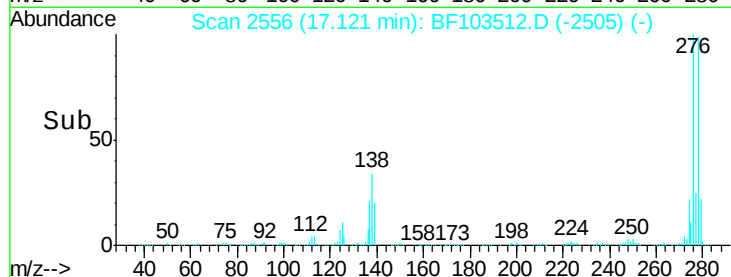
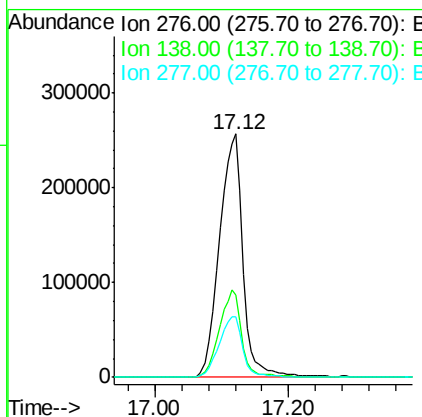
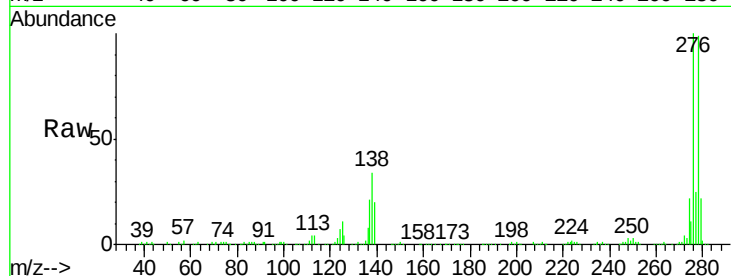




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.773 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

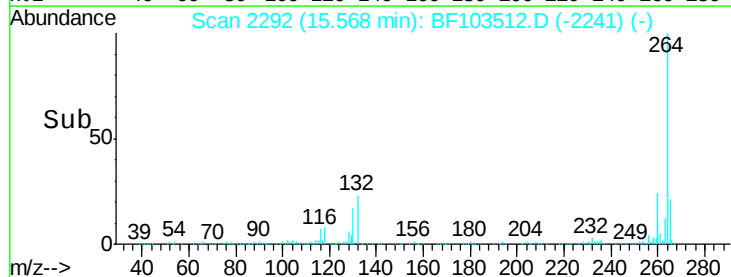
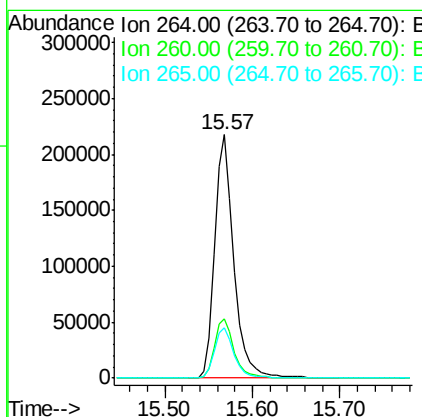
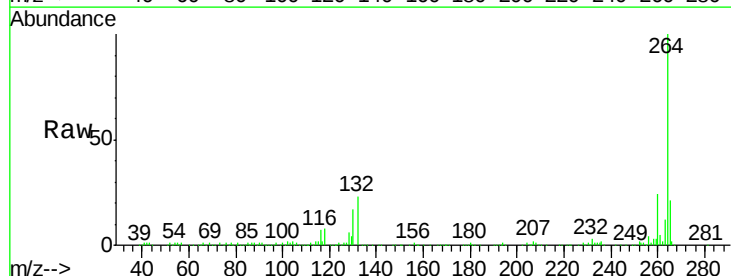
Instrument :
BNA_F
ClientSampleId :

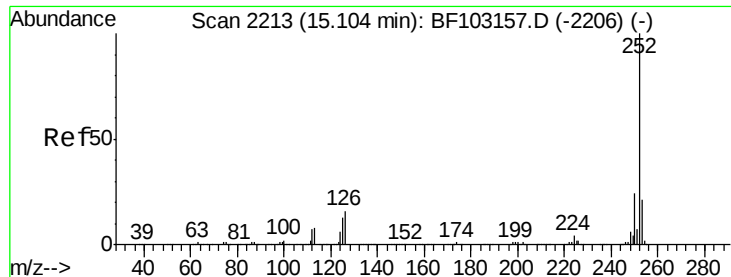
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.0	37.6
277	25.0	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.7	17.5	26.3

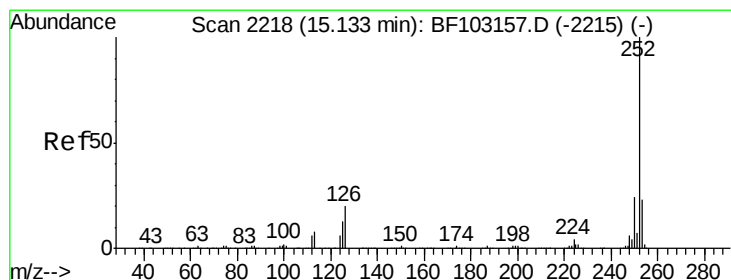
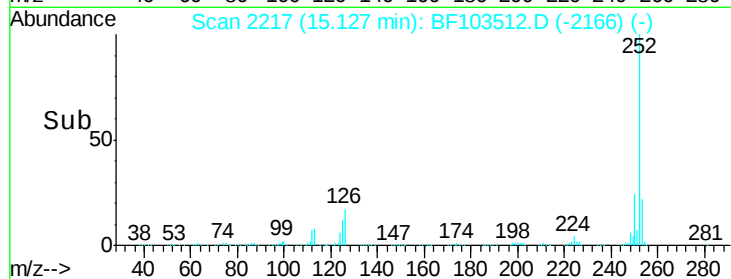
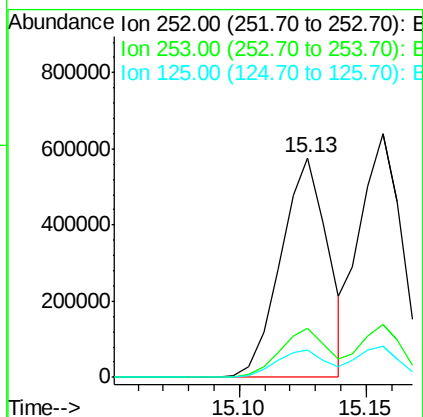
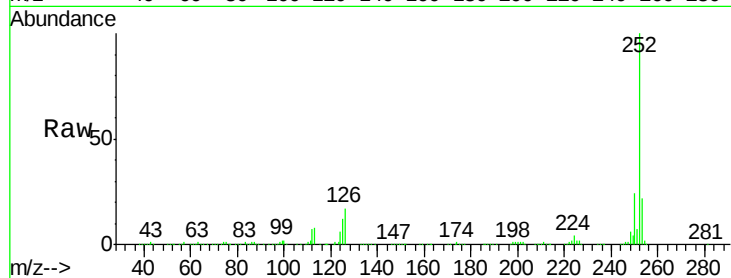




#87
Benzo(b)fluoranthene
Concen: 34.288 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

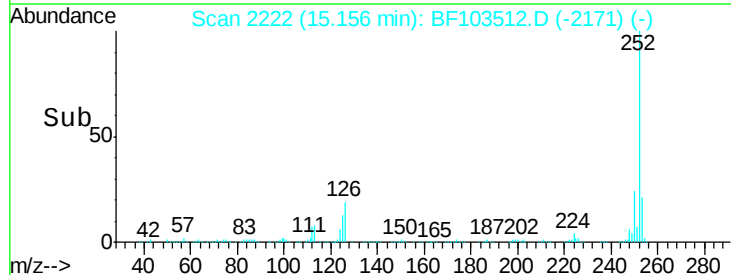
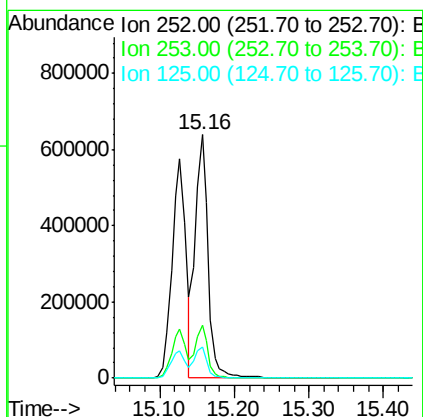
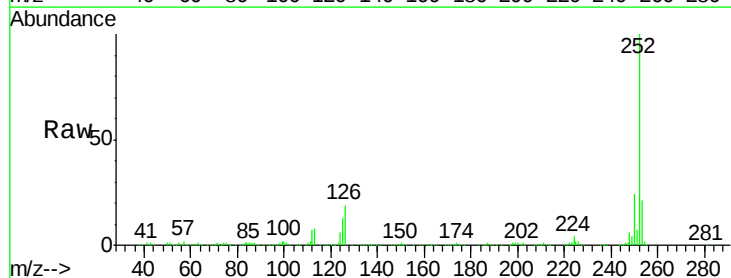
Instrument :
BNA_F
ClientSampleId :

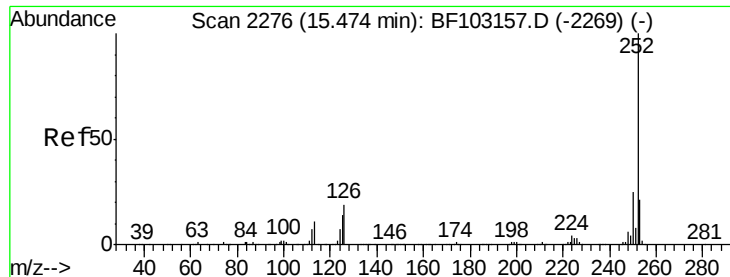
Tot Ion:252 Resp: 744868
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.967 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:252 Resp: 776660
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.8 10.2 15.2

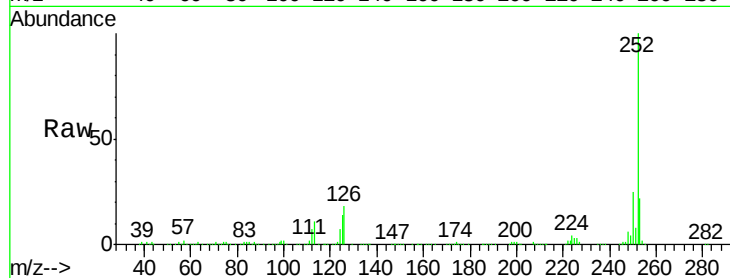




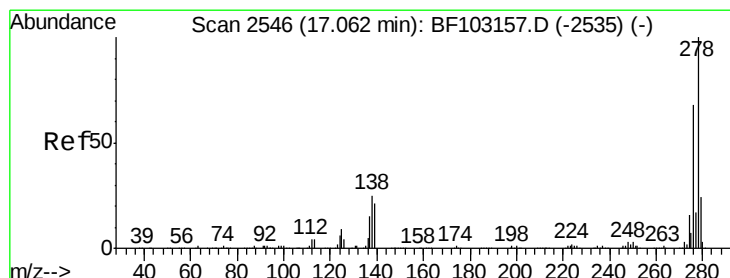
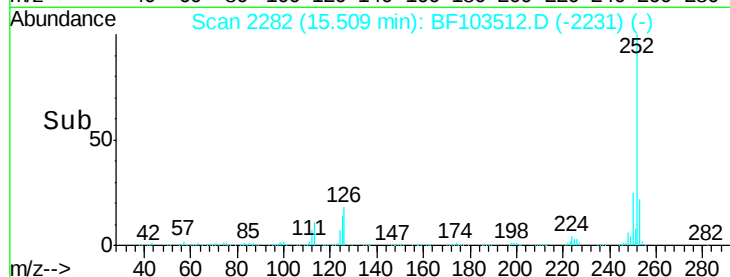
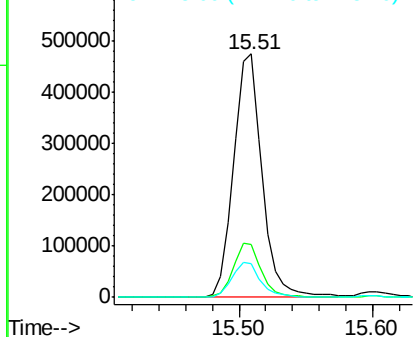
#89
Benzo(a)pyrene
Concen: 36.381 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 705766
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.1 9.8 14.6

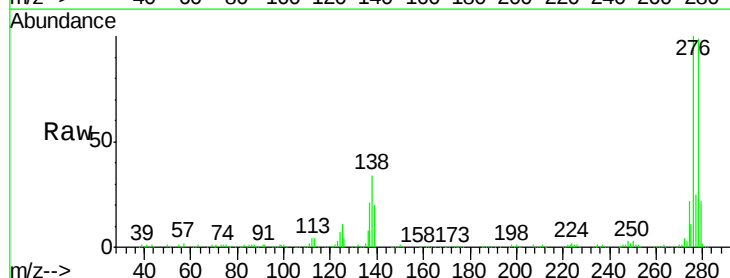


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

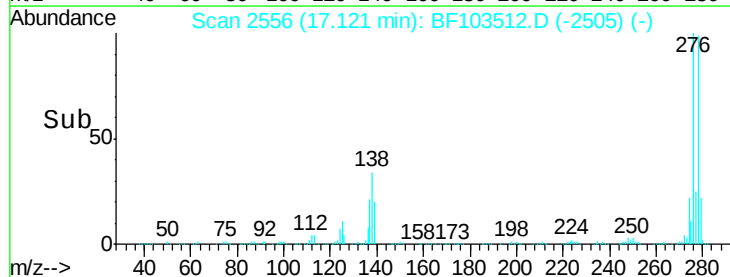
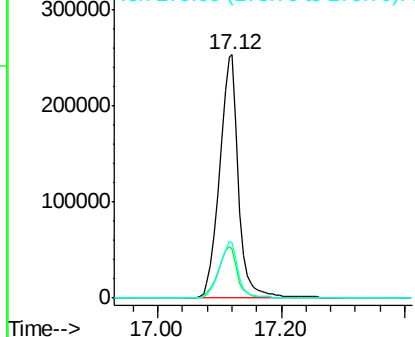


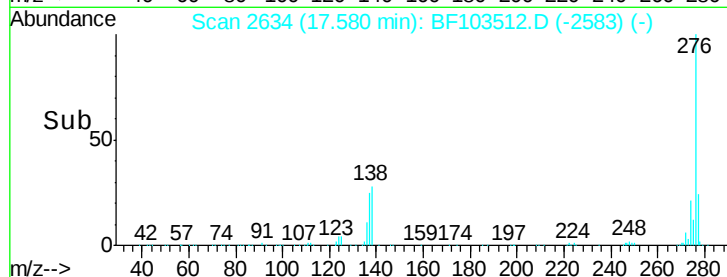
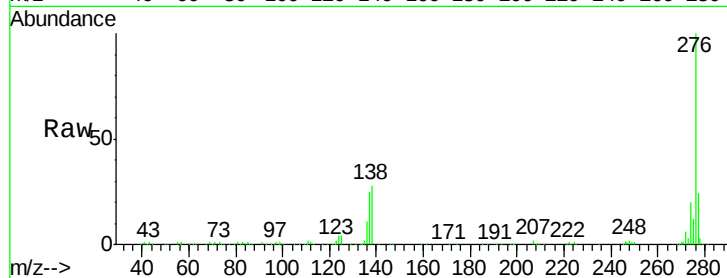
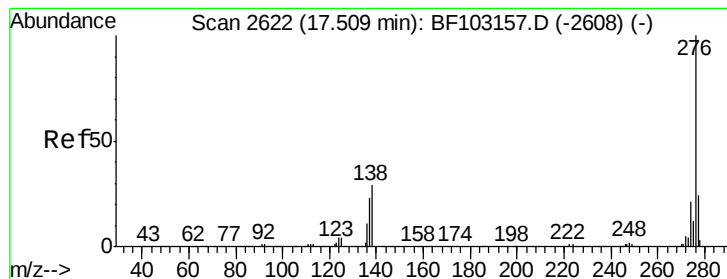
#90
Dibenzo(a,h)anthracene
Concen: 36.097 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF103512.D
Acq: 8 Mar 2018 13:14

Tgt Ion:278 Resp: 541095
Ion Ratio Lower Upper
278 100
139 20.4 15.9 23.9
279 22.5 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: 36.031 ng

RT: 17.58 min Scan# 2634

Delta R.T. 0.00 min

Lab File: BF103512.D

Acq: 8 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 527868

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 28.4 21.8 32.8

