

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010218\
 Data File : BF101850.D
 Acq On : 2 Jan 2018 14:50
 Operator : SJ/JU
 Sample : I7100-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 16:07:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	134379	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	522483	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	216088	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	345060	20.00	ng	0.00
75) Chrysene-d12	13.96	240	247672	20.00	ng	-0.01
86) Perylene-d12	15.43	264	285329	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1100809	122.02	ng	0.00
7) Phenol-d6	6.43	99	1258078	112.06	ng	0.00
23) Nitrobenzene-d5	7.36	82	815050	86.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	229709	110.32	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1146650	82.32	ng	0.00
78) Terphenyl-d14	12.89	244	879027	85.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	144214	31.111	ng	94
3) Pyridine	3.31	79	346993	26.942	ng	96
4) n-Nitrosodimethylamine	3.26	42	184540	31.120	ng	94
6) Aniline	6.46	93	160867	10.310	ng	# 47
8) 2-Chlorophenol	6.57	128	342848	36.128	ng	98
9) Benzaldehyde	6.35	77	131857	15.902	ng	99
10) Phenol	6.45	94	461219	36.043	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	354394	35.307	ng	97
12) 1,3-Dichlorobenzene	6.72	146	379048	35.391	ng	98
13) 1,4-Dichlorobenzene	6.79	146	389193	35.584	ng	98
14) 1,2-Dichlorobenzene	6.95	146	340094	34.545	ng	97
15) Benzyl Alcohol	6.94	79	271628	35.150	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	594030	38.669	ng	76
17) 2-Methylphenol	7.05	107	274837	31.485	ng	# 87
18) Hexachloroethane	7.27	117	122305	32.163	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	250768	34.011	ng	92
20) 3+4-Methylphenols	7.22	107	387196	41.858	ng	96
22) Acetophenone	7.20	105	491706	41.244	ng	# 98
24) Nitrobenzene	7.37	77	382405	36.812	ng	100
25) Isophorone	7.61	82	687705	36.524	ng	100
26) 2-Nitrophenol	7.69	139	188872	42.321	ng	97
27) 2,4-Dimethylphenol	7.73	122	284774	37.560	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	440070	36.793	ng	99
29) 2,4-Dichlorophenol	7.95	162	301853	40.298	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	281843	35.655	ng	96
31) Naphthalene	8.09	128	943988	35.888	ng	100
32) Benzoic acid	7.73	122	284774	54.459	ng	# 13
33) 4-Chloroaniline	8.16	127	75019	6.562	ng	97
34) Hexachlorobutadiene	8.19	225	163048	35.663	ng	98
35) Caprolactam	8.53	113	94291	36.253	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	301163	36.581	ng	99
37) 2-Methylnaphthalene	8.77	142	602378	35.150	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	290199	39.777	ng	97
40) Hexachlorocyclopentadiene	8.92	237	1849	13.060	ng	83

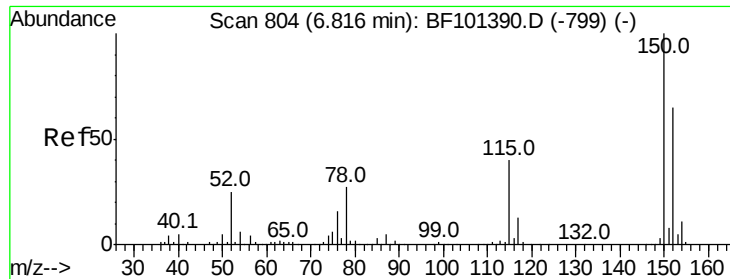
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010218\
 Data File : BF101850.D
 Acq On : 2 Jan 2018 14:50
 Operator : SJ/JU
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Quant Time: Jan 02 16:07:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	182099	41.460	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	162189	33.725	nq	94
45) 1,1'-Biphenyl	9.24	154	728195	37.999	nq	99
46) 2-Chloronaphthalene	9.27	162	543143	37.041	nq	98
47) 2-Nitroaniline	9.38	65	190591	37.626	nq	93
48) Acenaphthylene	9.68	152	793276	34.252	nq	99
49) Dimethylphthalate	9.55	163	866365	49.845	nq	99
50) 2,6-Dinitrotoluene	9.62	165	133941	37.915	nq #	88
51) Acenaphthene	9.85	154	477097	34.287	nq	99
52) 3-Nitroaniline	9.80	138	99328	22.552	nq	98
53) 2,4-Dinitrophenol	9.98	184	4637	13.603	nq #	1
54) Dibenzofuran	10.03	168	697092	39.421	nq	99
55) 4-Nitrophenol	9.99	139	70171	36.538	nq	97
56) 2,4-Dinitrotoluene	10.04	165	176198	44.270	nq #	98
57) Fluorene	10.37	166	541672	36.210	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	130133	37.663	nq #	86
59) Diethylphthalate	10.23	149	616848	35.837	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	267254	37.278	nq	95
61) 4-Nitroaniline	10.42	138	119530	27.000	nq	96
62) Azobenzene	10.52	77	769688	43.167	nq	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	16050	9.115	nq #	1
65) n-Nitrosodiphenylamine	10.48	169	501461	39.358	nq	94
66) 4-Bromophenyl-phenylether	10.84	248	155200	40.029	nq #	84
67) Hexachlorobenzene	10.92	284	154011	37.532	nq #	91
68) Atrazine	11.00	200	155995	41.061	nq	97
69) Pentachlorophenol	11.13	266	85987	56.025	nq	98
70) Phenanthrene	11.33	178	780737	40.686	nq	99
71) Anthracene	11.39	178	734619	37.478	nq	99
72) Carbazole	11.55	167	614088	33.462	nq	99
73) Di-n-butylphthalate	11.86	149	827581	37.154	nq	98
74) Fluoranthene	12.53	202	795548	39.497	nq	100
76) Benzidine	12.66	184	134858	12.892	nq	97
77) Pyrene	12.76	202	780068	41.967	nq	99
79) Butylbenzylphthalate	13.36	149	296130	35.210	nq	94
80) Benzo(a)anthracene	13.96	228	660056	40.360	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	143969	26.998	nq	98
82) Chrysene	13.99	228	616656	39.935	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	395438	37.120	nq	98
84) Di-n-octyl phthalate	14.52	149	724318	38.125	nq	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	577145	41.973	nq	96
87) Benzo(b)fluoranthene	15.01	252	685107	39.393	nq	98
88) Benzo(k)fluoranthene	15.03	252	579279	34.258	nq	99
89) Benzo(a)pyrene	15.37	252	616903	38.478	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	471632	34.263	nq	98
91) Benzo(g,h,i)perylene	17.37	276	474571	34.817	nq	94

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

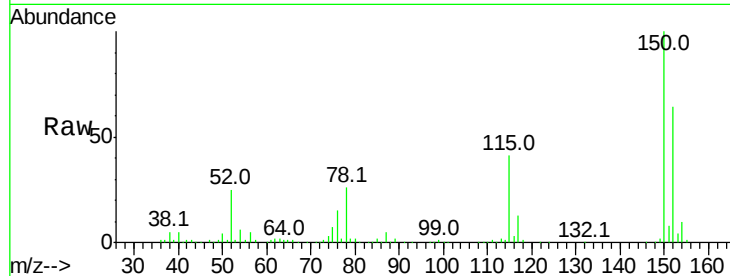


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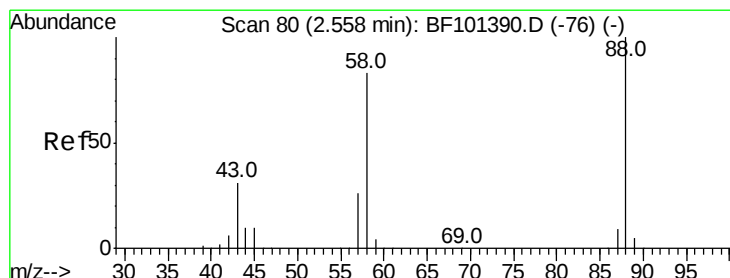
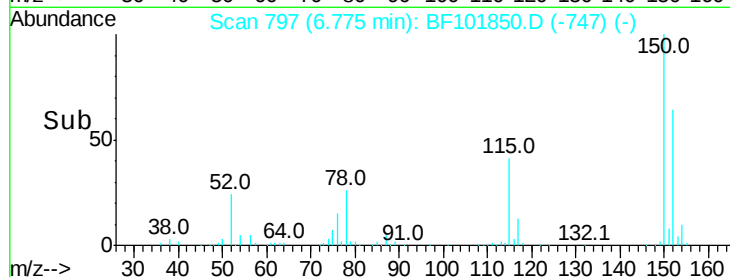
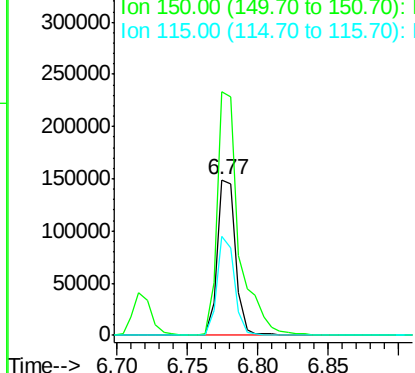
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134379
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 63.5 50.1 75.1



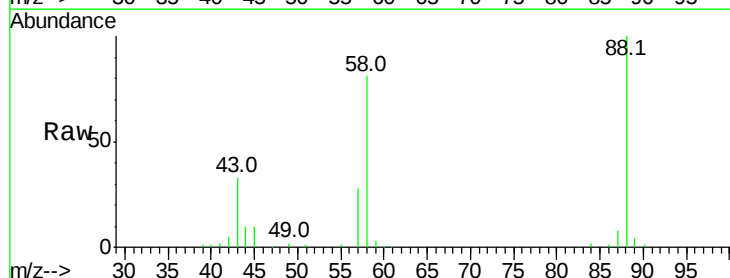
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



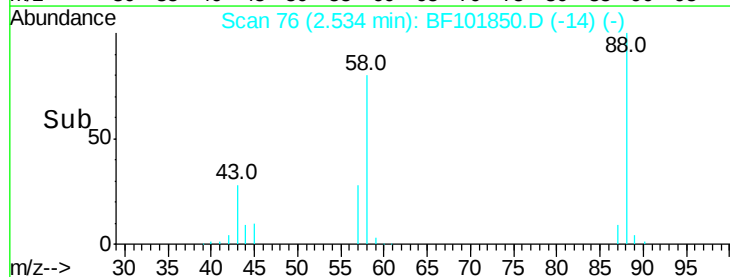
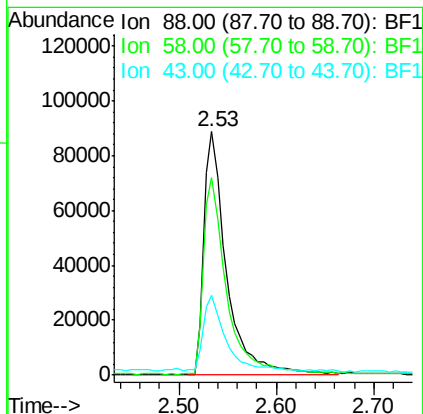
#2

1,4-Dioxane
Concen: 31.111 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Tgt Ion: 88 Resp: 144214
Ion Ratio Lower Upper
88 100
58 84.6 62.6 93.8
43 29.7 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: 26.942 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.08 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

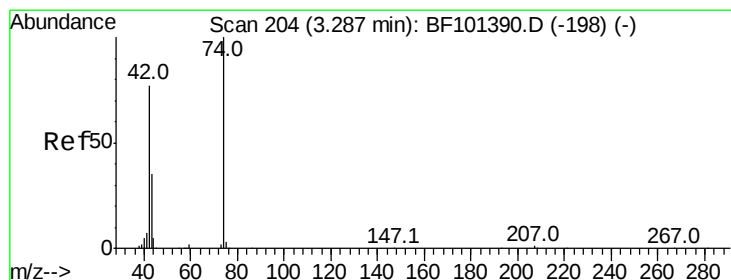
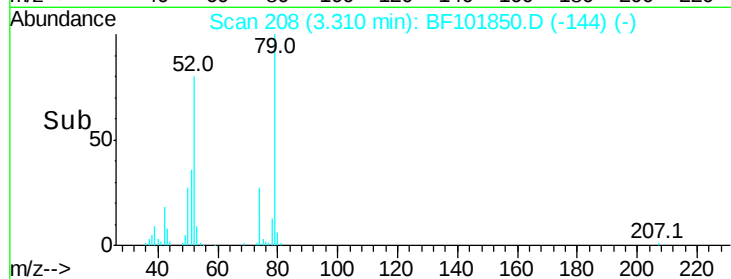
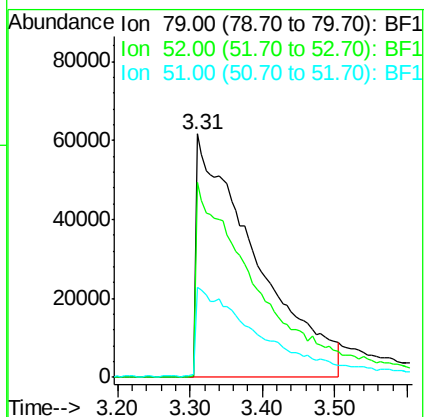
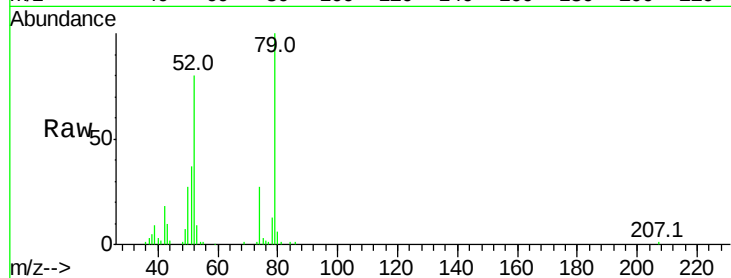
Tot Ion: 79 Resp: 346993

Ion Ratio Lower Upper

79 100

52 79.8 59.8 89.6

51 37.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.120 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.06 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

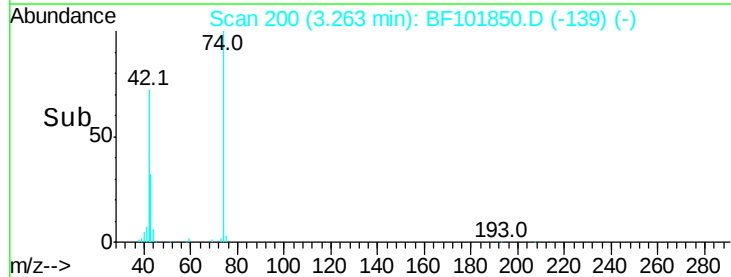
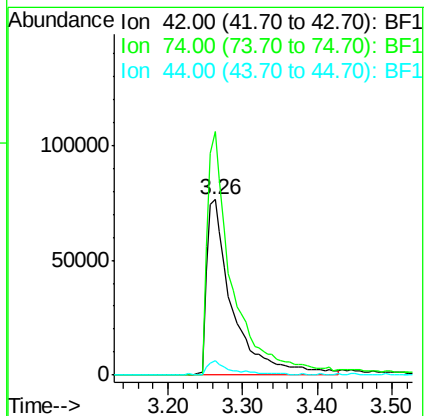
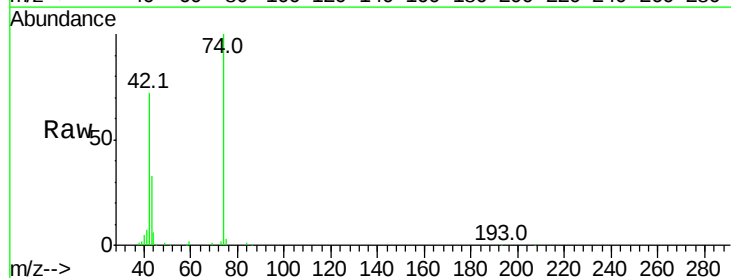
Tgt Ion: 42 Resp: 184540

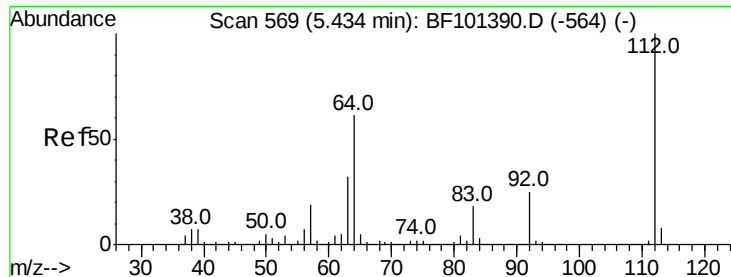
Ion Ratio Lower Upper

42 100

74 138.7 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 122.024 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :
BNA_F
ClientSampled :

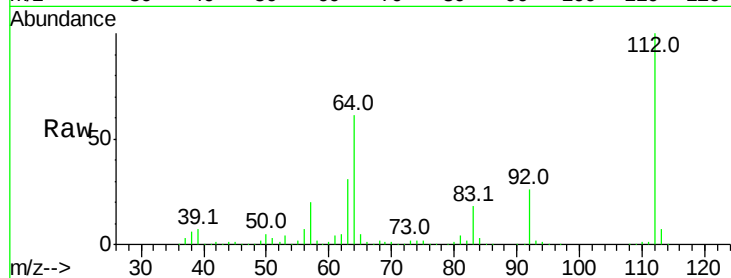
Tot Ion:112 Resp: 1100809

Ion Ratio Lower Upper

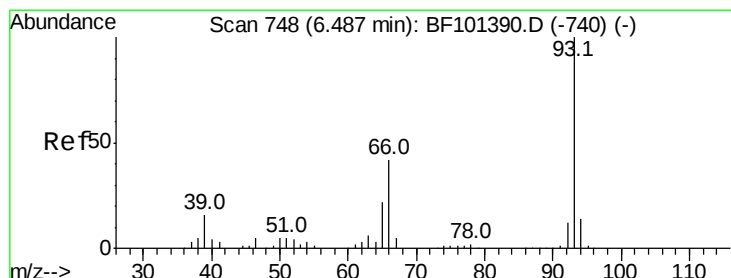
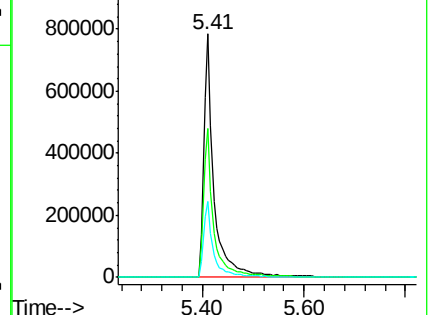
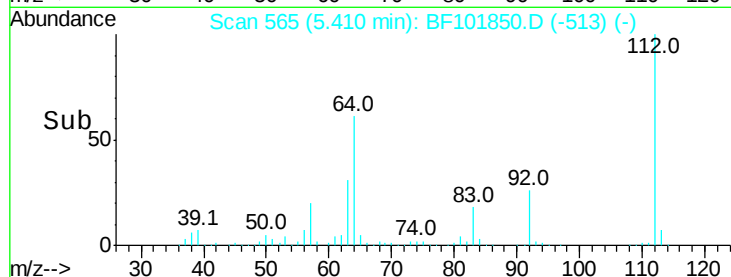
112 100

64 61.0 47.9 71.9

63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.310 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

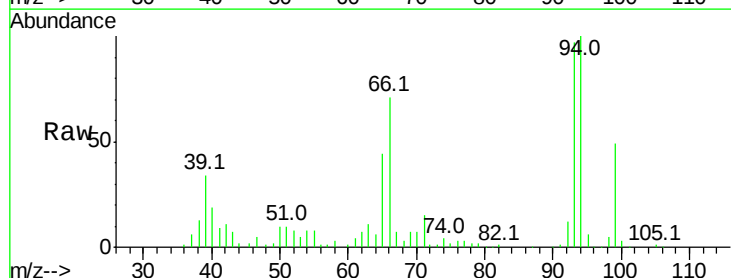
Tgt Ion: 93 Resp: 160867

Ion Ratio Lower Upper

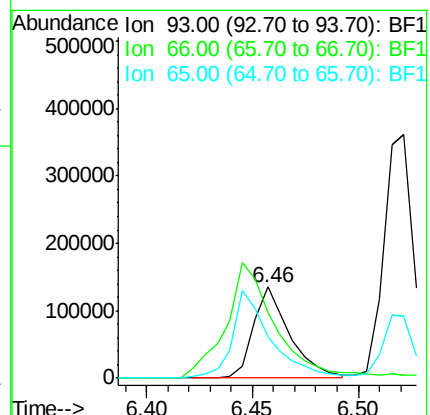
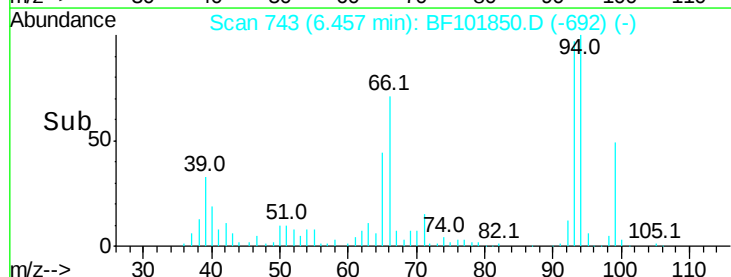
93 100

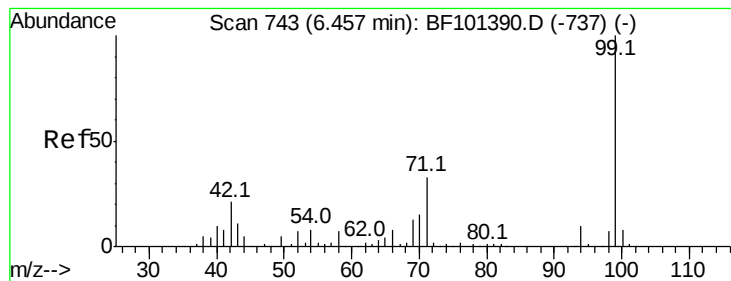
66 72.6 32.2 48.2#

65 45.1 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: 112.055 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

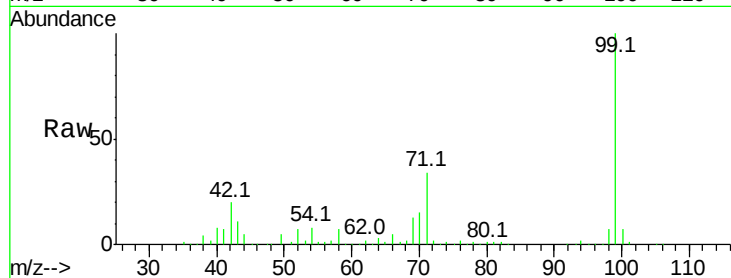
Tot Ion: 99 Resp: 1258078

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

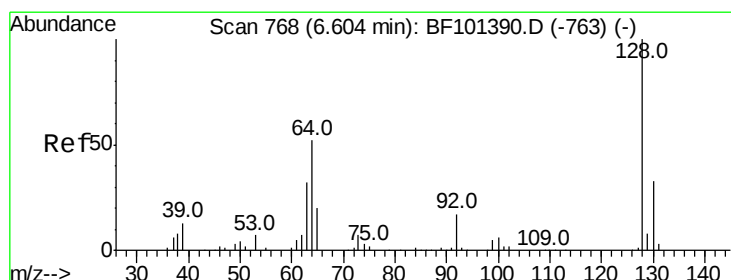
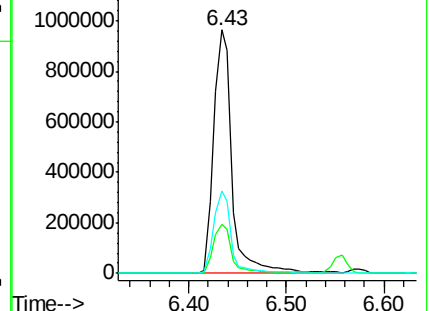
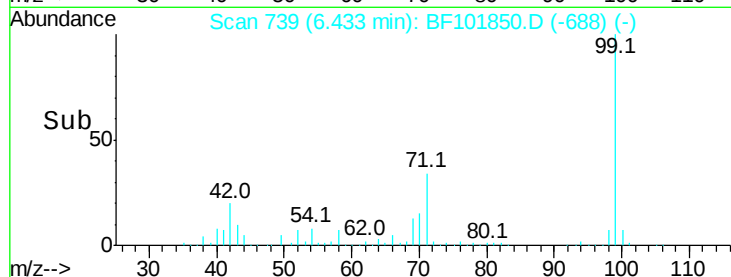
71 34.0 25.4 38.0



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: 36.128 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

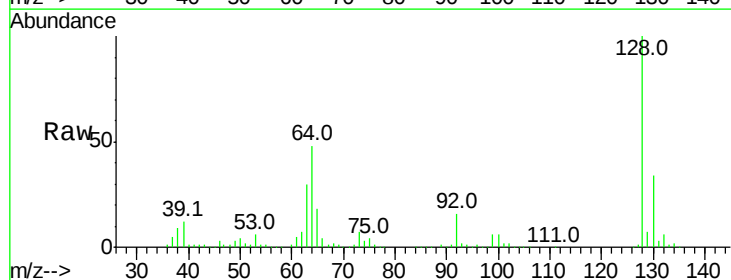
Tgt Ion: 128 Resp: 342848

Ion Ratio Lower Upper

128 100

130 34.1 13.0 53.0

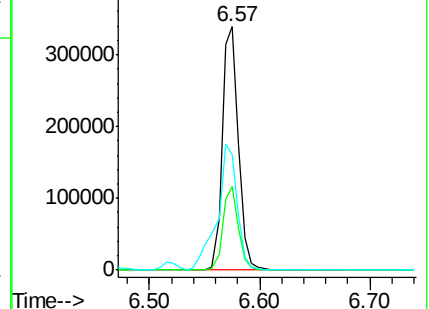
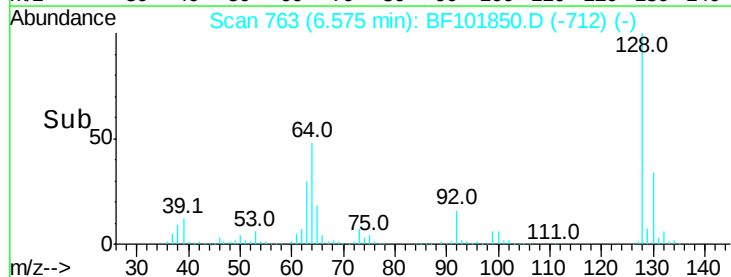
64 47.7 29.4 69.4

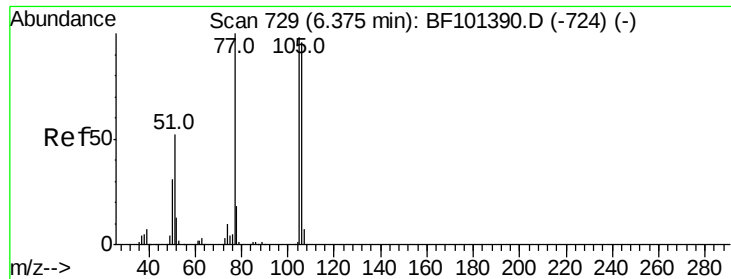


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.902 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

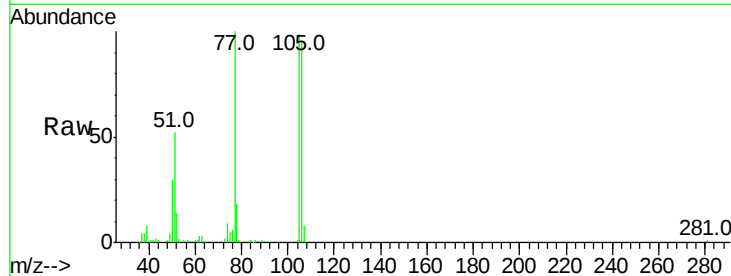
Tot Ion: 77 Resp: 131857

Ion Ratio Lower Upper

77 100

105 99.5 81.1 121.1

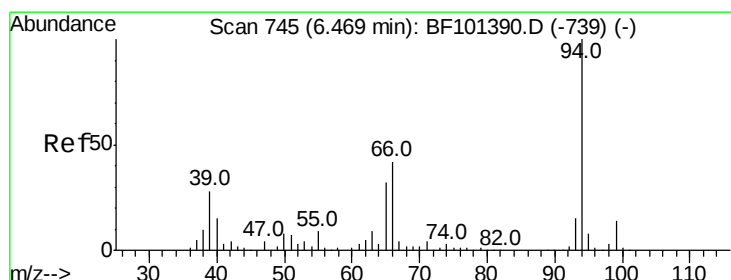
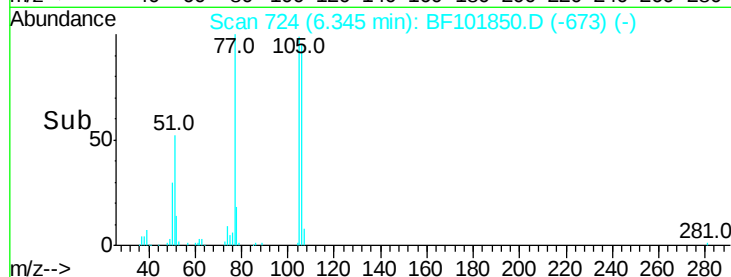
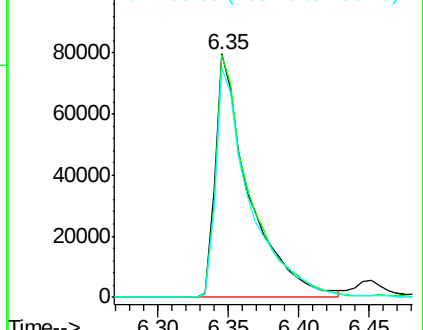
106 94.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.043 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

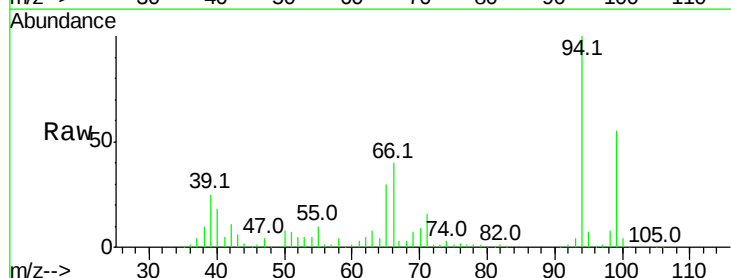
Tgt Ion: 94 Resp: 461219

Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

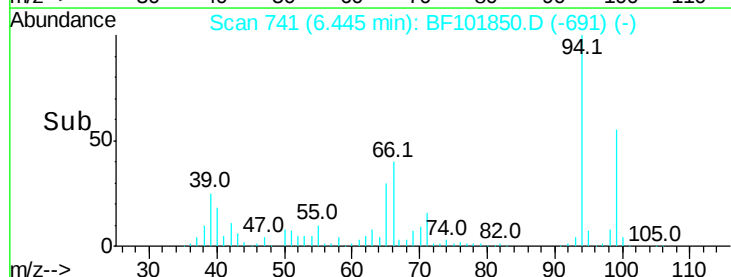
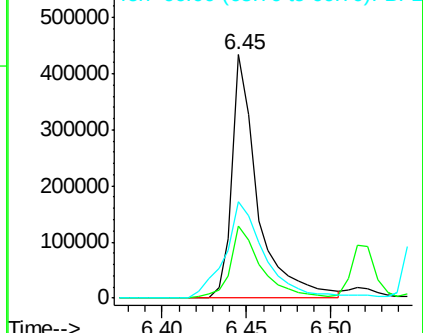
66 39.7 16.2 56.2

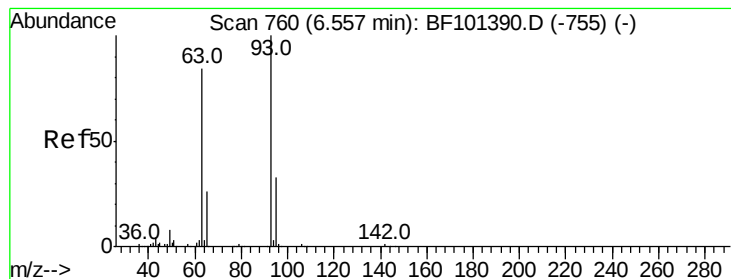


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



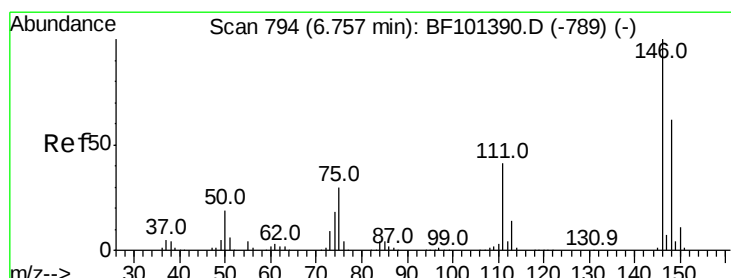
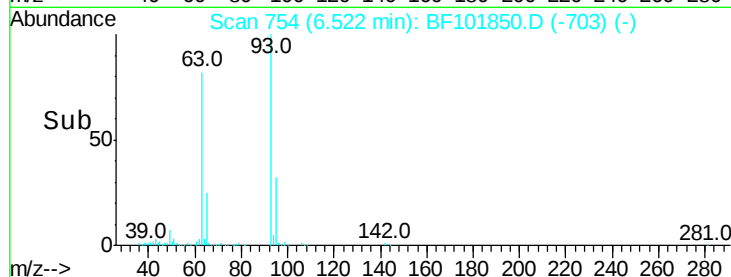
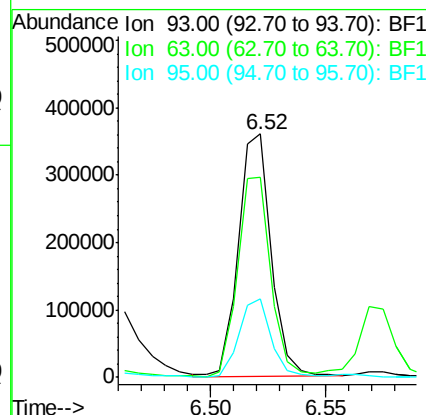
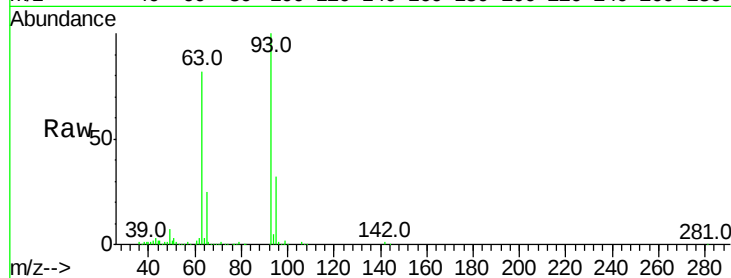


#11

bis(2-Chloroethyl)ether
Concen: 35.307 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Instrument :
BNA_F
ClientSampled :

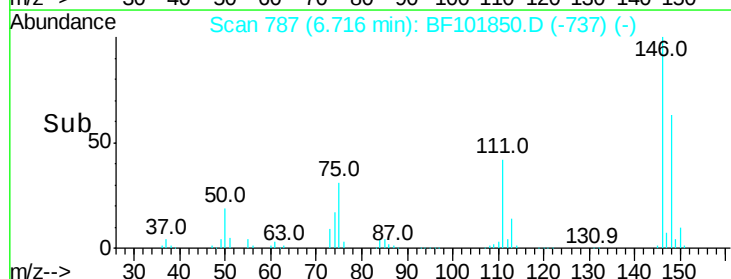
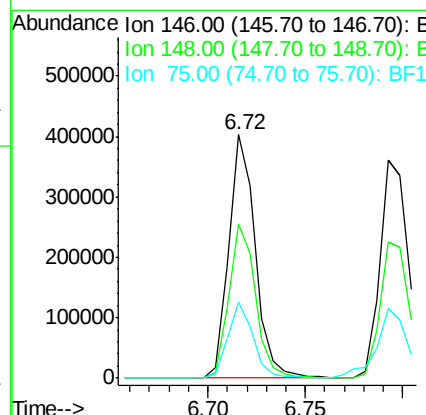
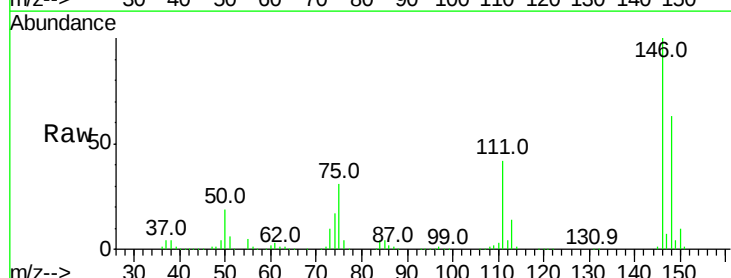
Tot Ion: 93 Resp: 354394
Ion Ratio Lower Upper
93 100
63 82.0 58.6 98.6
95 32.5 11.8 51.8

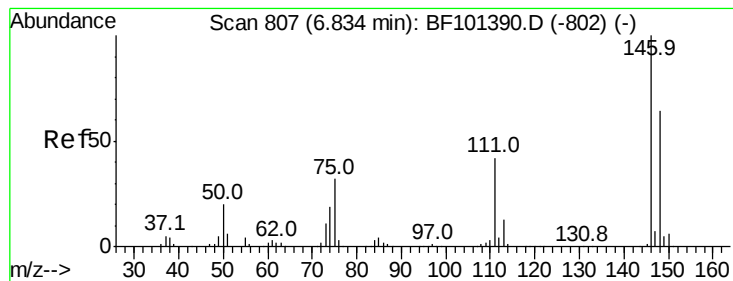


#12

1,3-Dichlorobenzene
Concen: 35.391 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Tgt Ion: 146 Resp: 379048
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 31.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 35.584 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

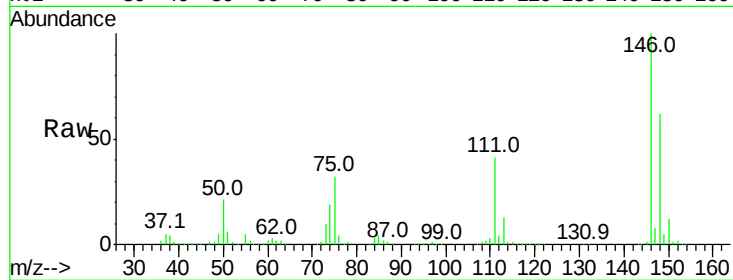
Tot Ion:146 Resp: 389193

Ion Ratio Lower Upper

146 100

148 62.2 50.8 76.2

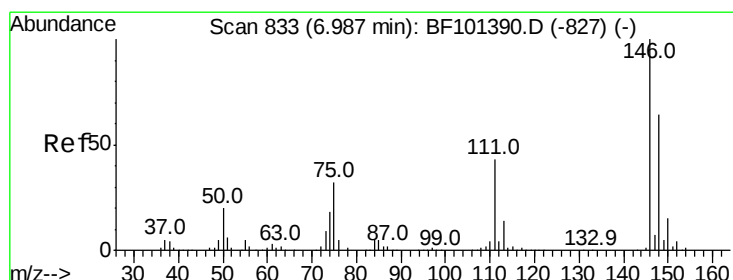
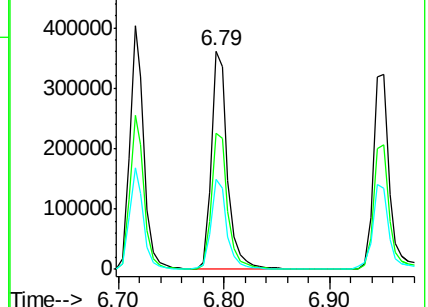
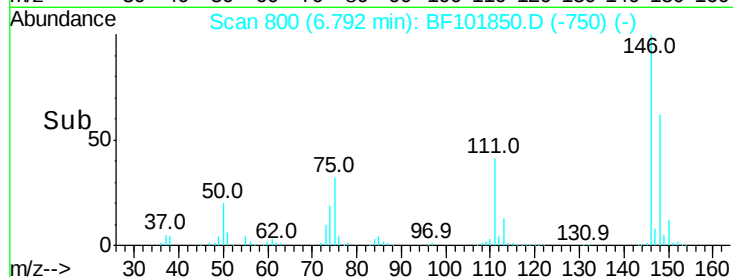
111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.545 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

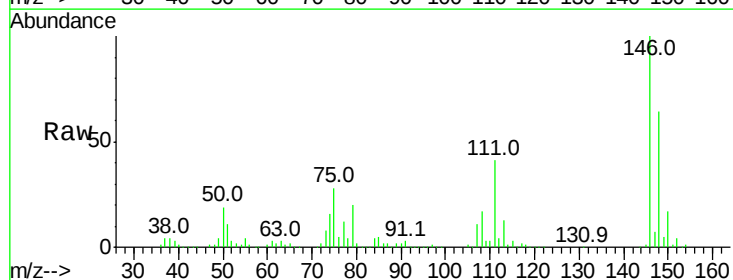
Tgt Ion:146 Resp: 340094

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

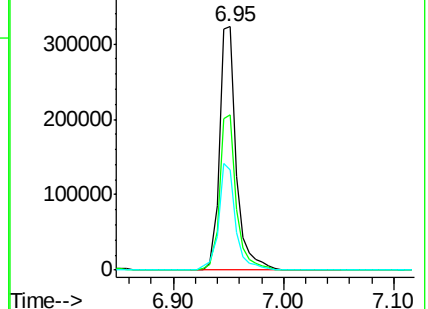
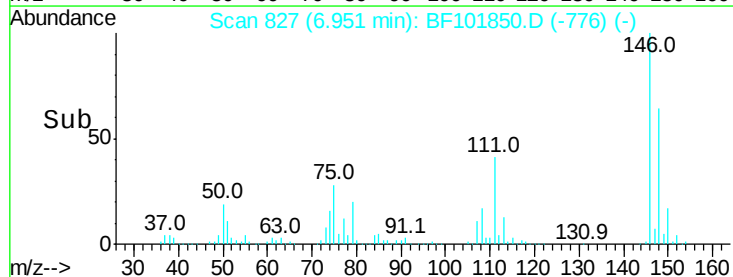
111 41.4 36.0 54.0

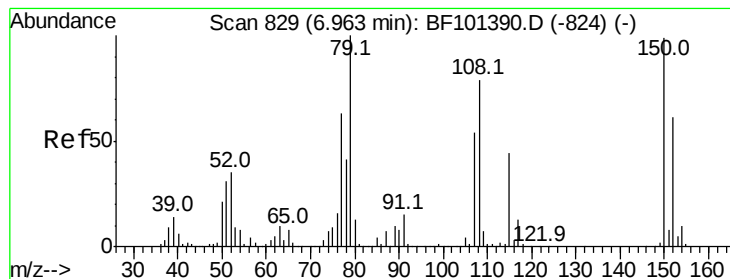


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.150 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

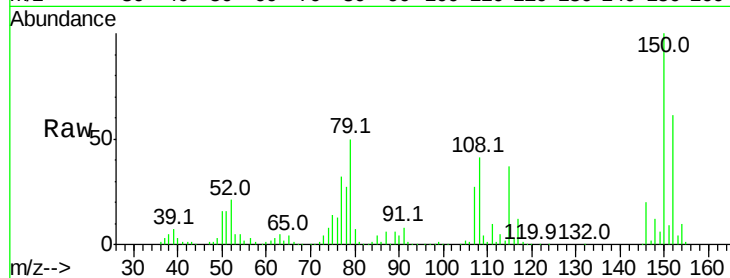
Tot Ion: 79 Resp: 271628

Ion Ratio Lower Upper

79 100

108 80.7 65.1 97.7

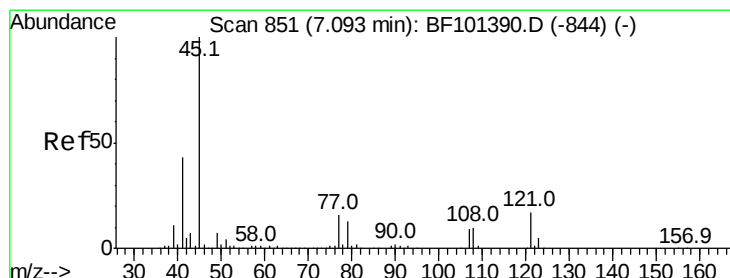
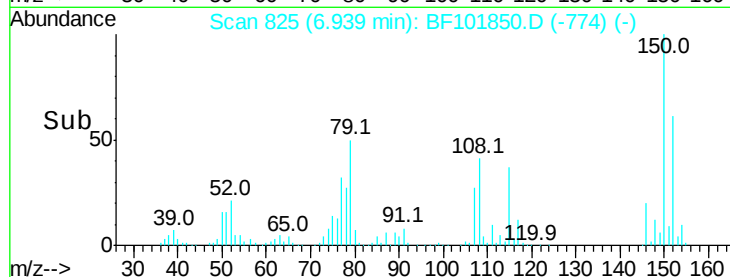
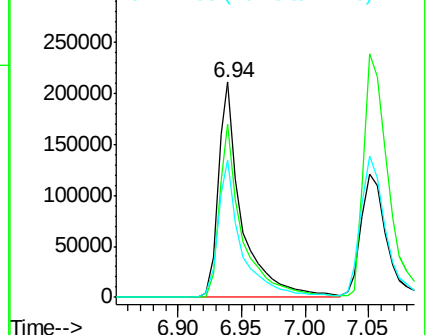
77 63.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.669 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

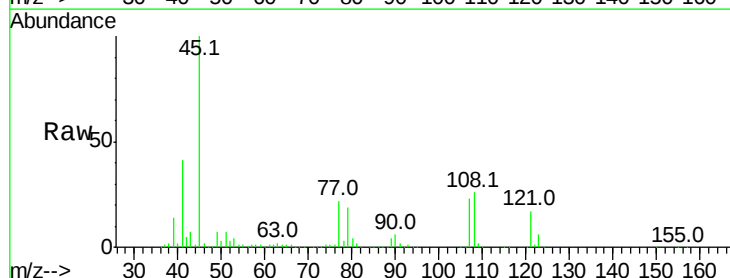
Tgt Ion: 45 Resp: 594030

Ion Ratio Lower Upper

45 100

77 22.1 0.0 32.9

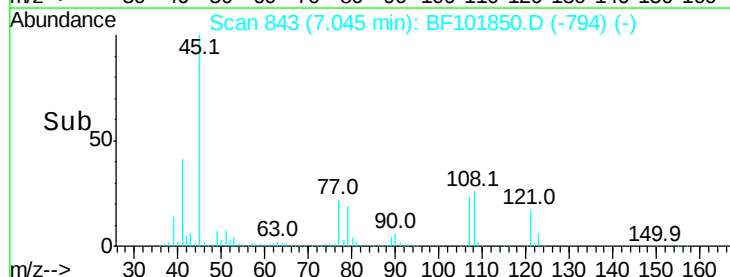
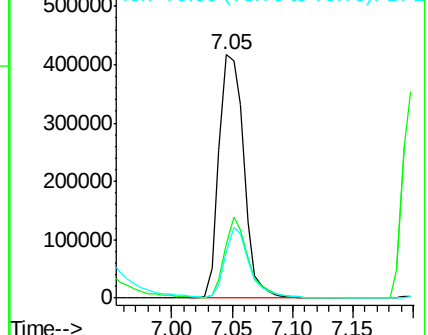
79 19.1 0.0 29.6

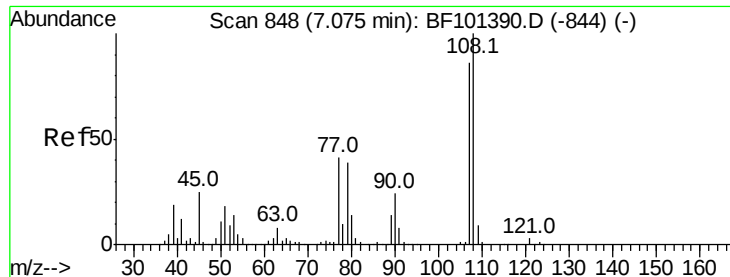


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

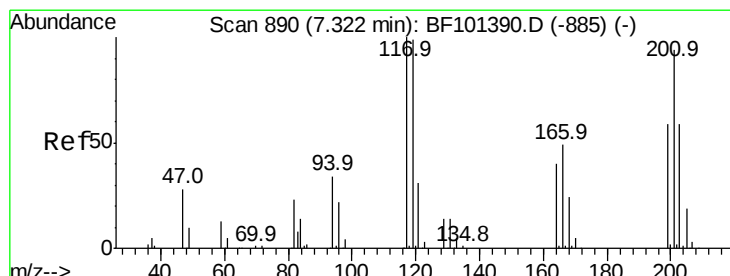
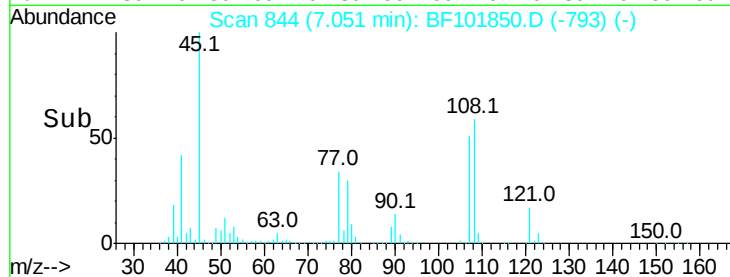
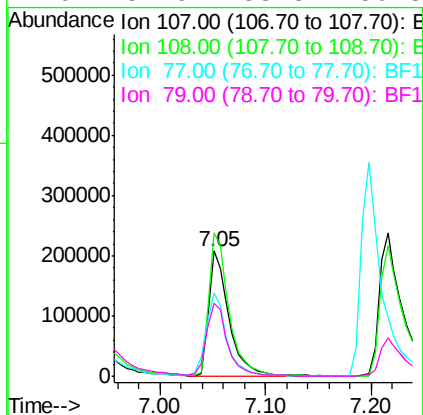
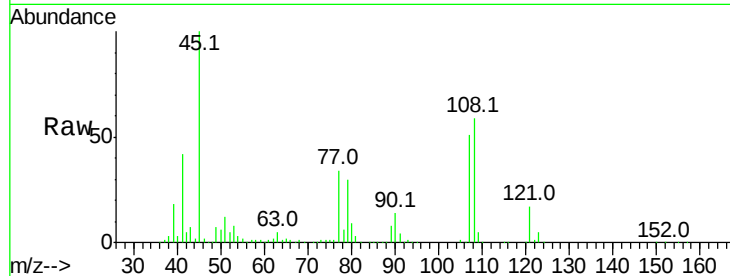




#17
2-Methylphenol
Concen: 31.485 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

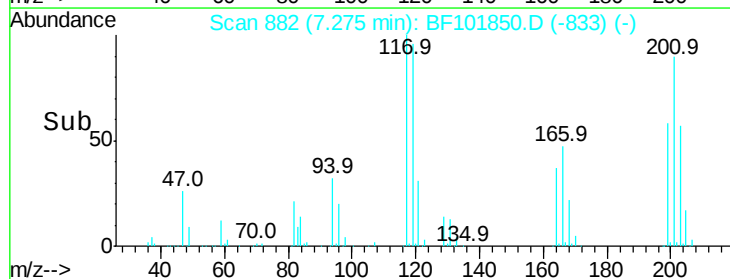
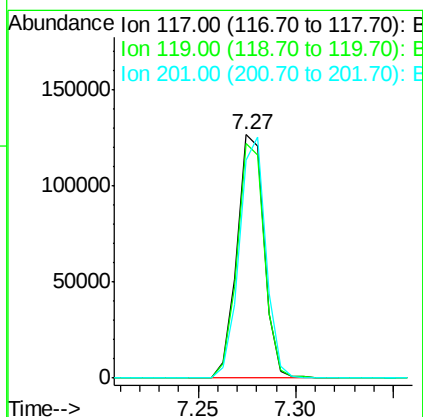
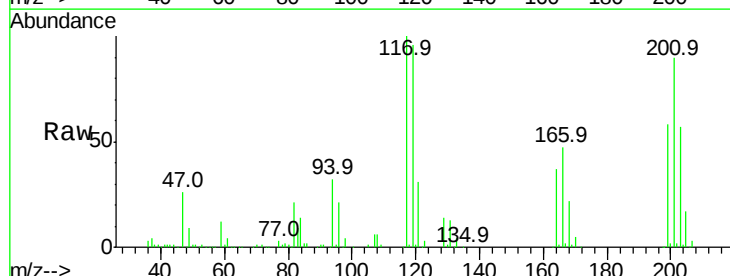
Instrument :
BNA_F
ClientSampleId :

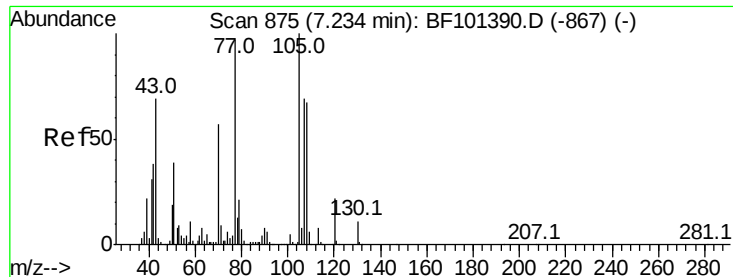
Tot Ion:107 Resp: 274837
Ion Ratio Lower Upper
107 100
108 114.8 91.7 137.5
77 66.5 33.8 50.8#
79 57.9 33.8 50.8#



#18
Hexachloroethane
Concen: 32.163 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Tgt Ion:117 Resp: 122305
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 89.5 75.7 113.5

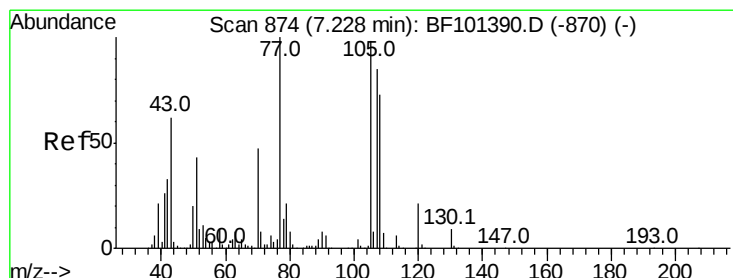
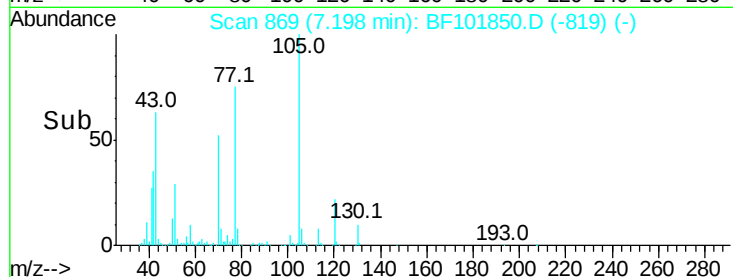
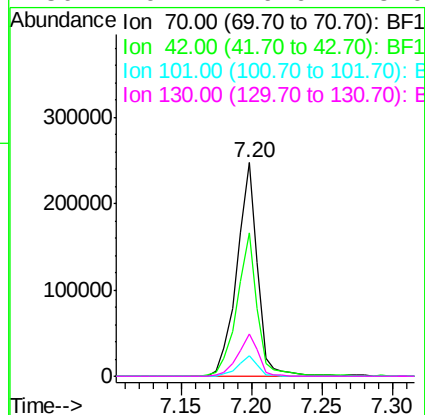
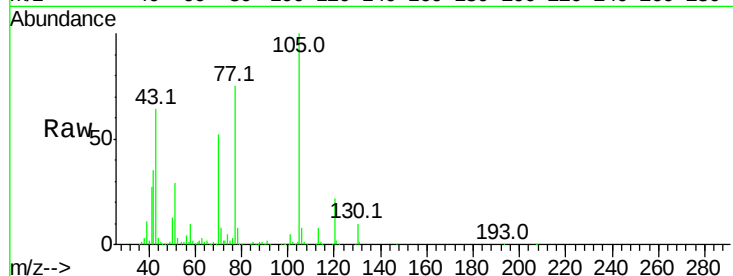




#19
n-Nitroso-di-n-propylamine
Concen: 34.011 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

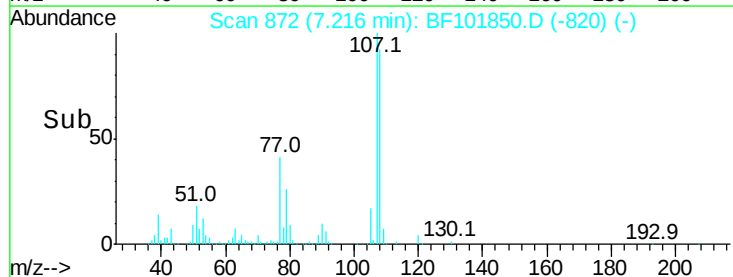
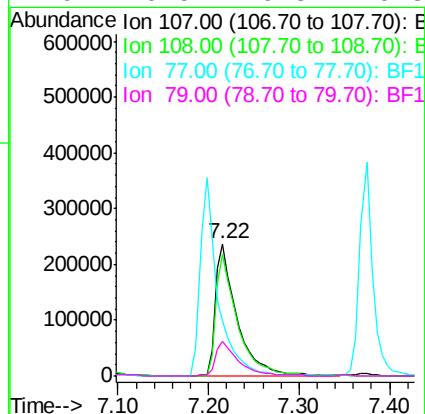
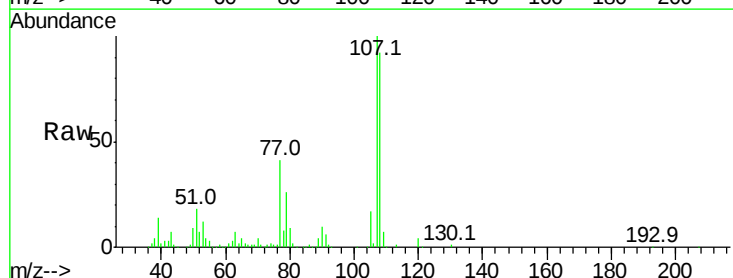
Instrument :
BNA_F
ClientSampleId :

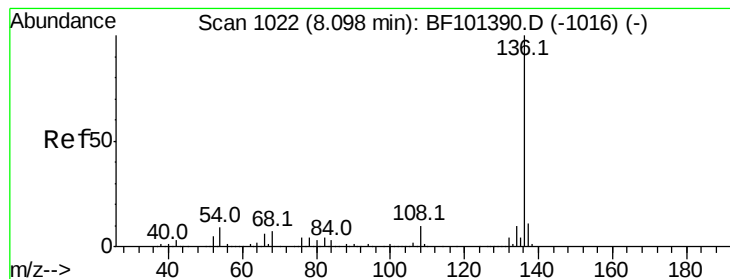
Tot Ion: 70 Resp: 250768
Ion Ratio Lower Upper
70 100
42 67.1 47.5 71.3
101 9.8 7.4 11.2
130 19.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.858 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Tgt Ion:107 Resp: 387196
Ion Ratio Lower Upper
107 100
108 91.7 68.2 108.2
77 41.4 26.7 66.7
79 26.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 522483

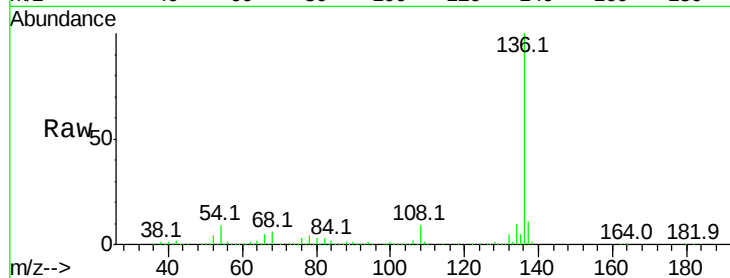
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.9 6.6 9.8

68 6.4 5.0 7.4

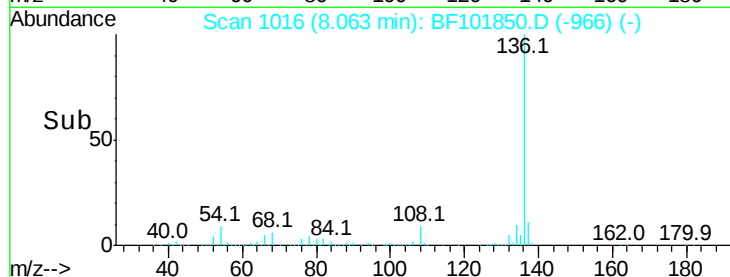


Abundance Ion 136.00 (135.70 to 136.70): E

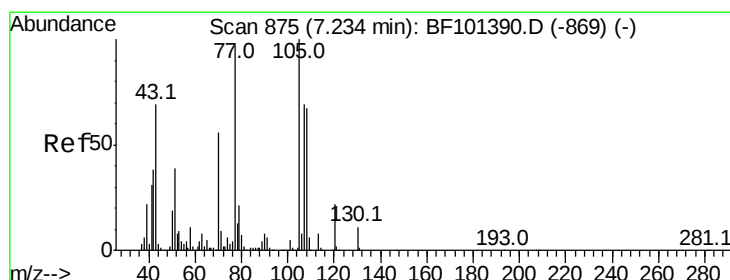
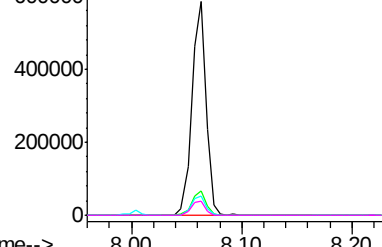
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 41.244 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Tgt Ion:105 Resp: 491706

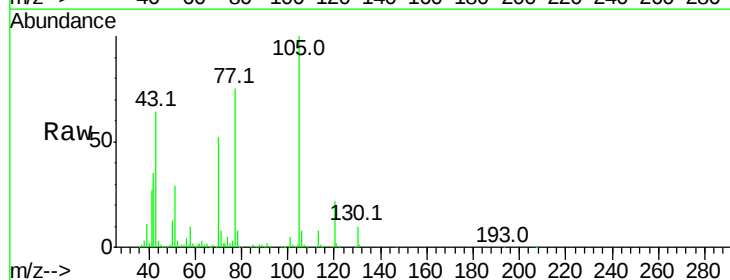
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 28.8 22.3 33.5

120 21.7 16.9 25.3

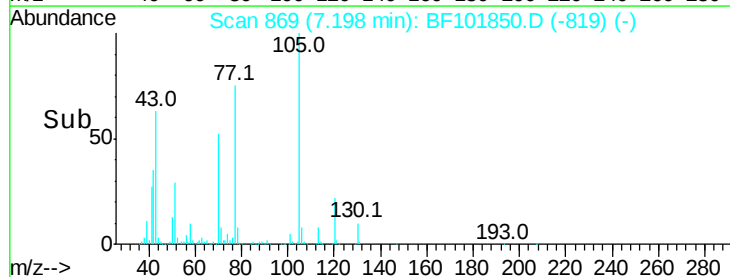


Abundance Ion 105.00 (104.70 to 105.70): E

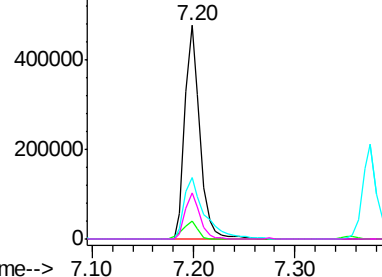
Ion 71.00 (70.70 to 71.70): BF1

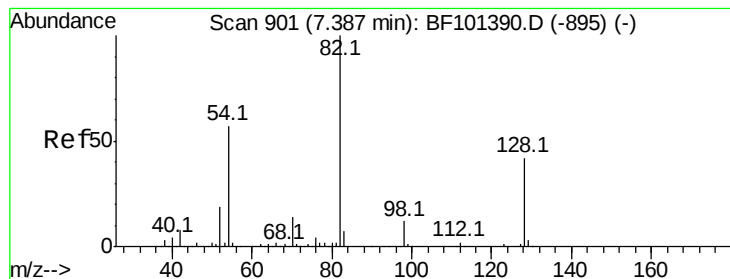
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 86.836 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

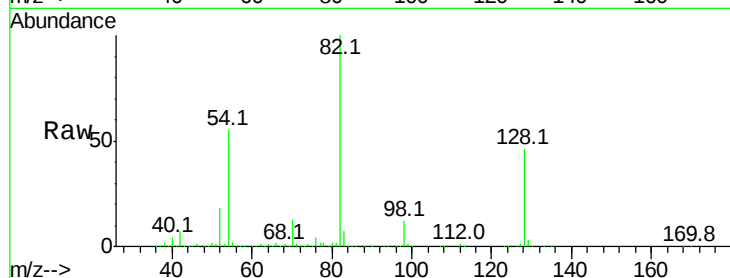
Tot Ion: 82 Resp: 815050

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

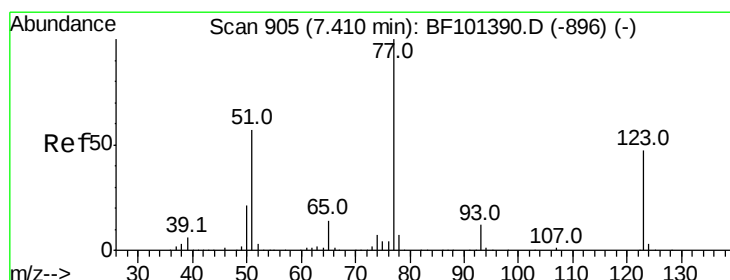
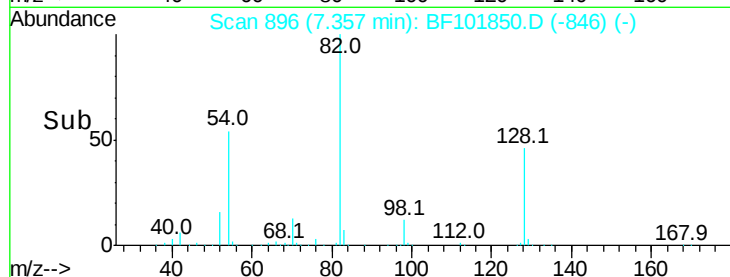
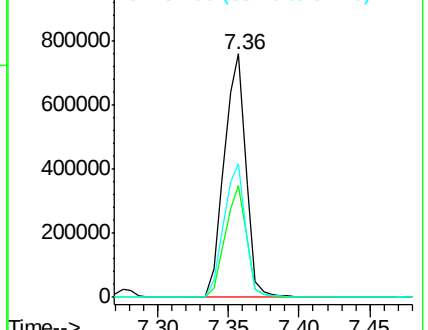
54 54.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 36.812 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

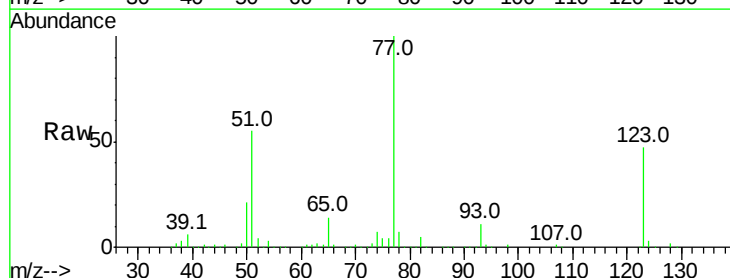
Tgt Ion: 77 Resp: 382405

Ion Ratio Lower Upper

77 100

123 47.4 37.9 56.9

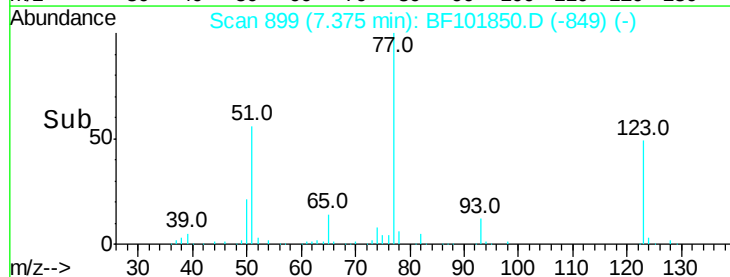
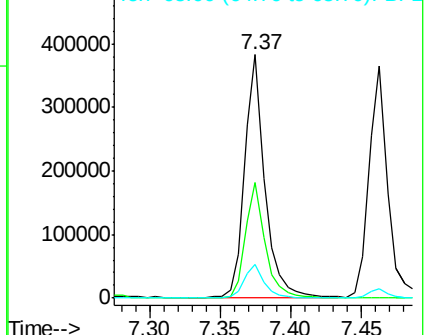
65 13.8 11.0 16.4

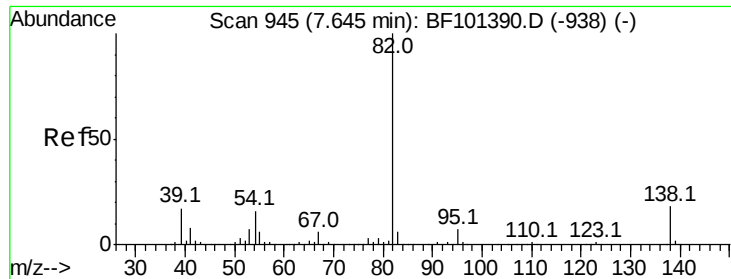


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.524 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

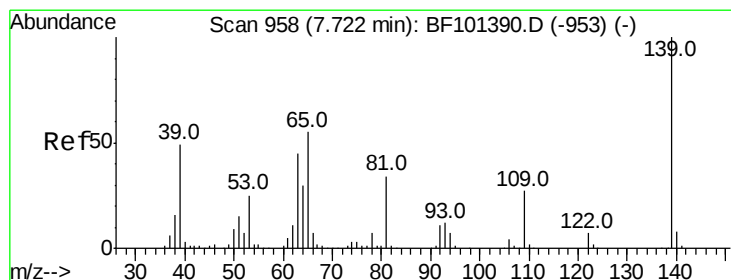
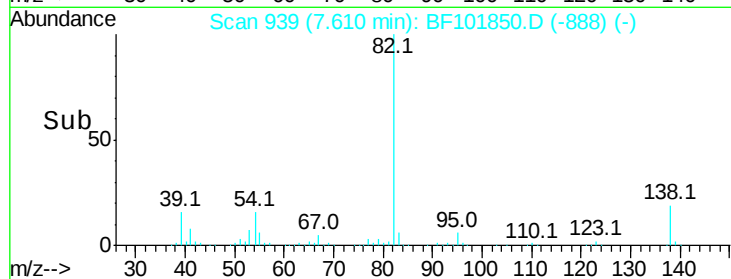
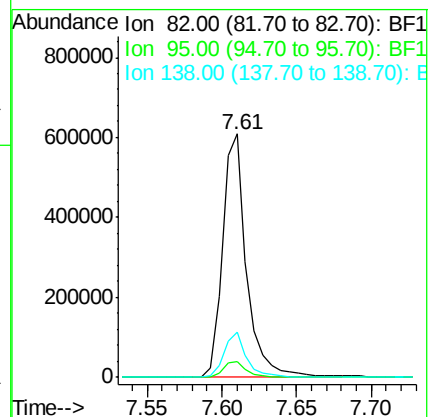
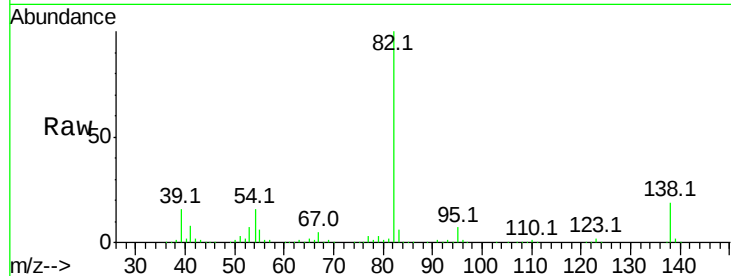
Tot Ion: 82 Resp: 687705

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 42.321 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

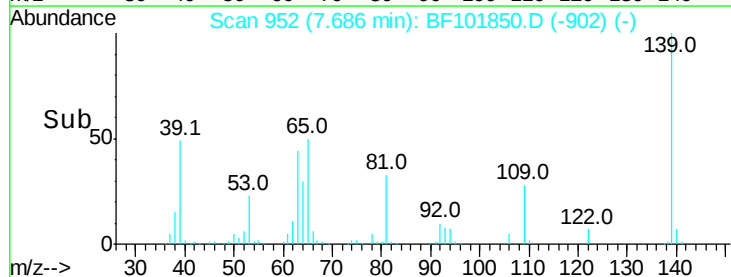
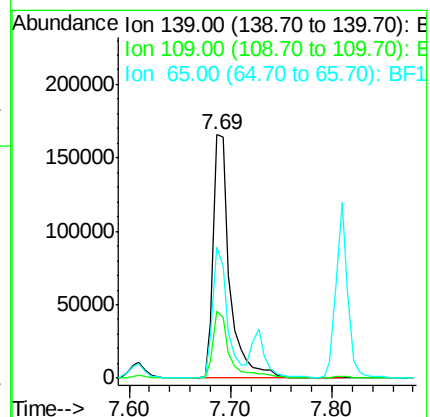
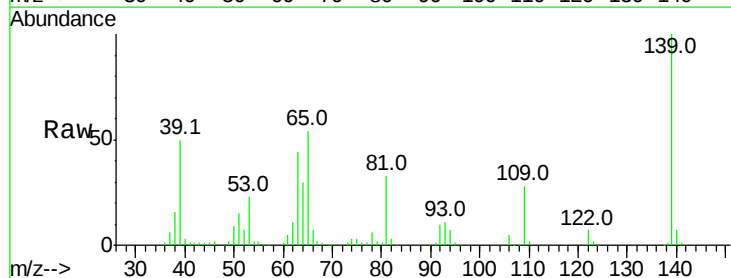
Tgt Ion: 139 Resp: 188872

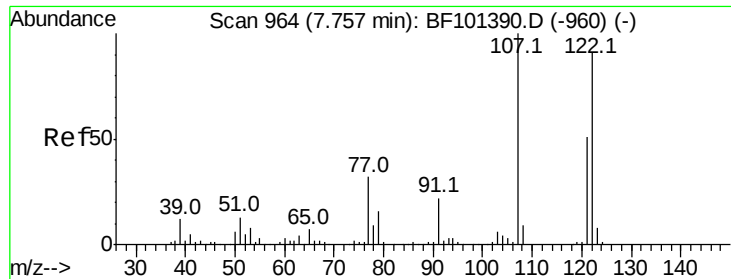
Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

65 53.7 40.5 60.7

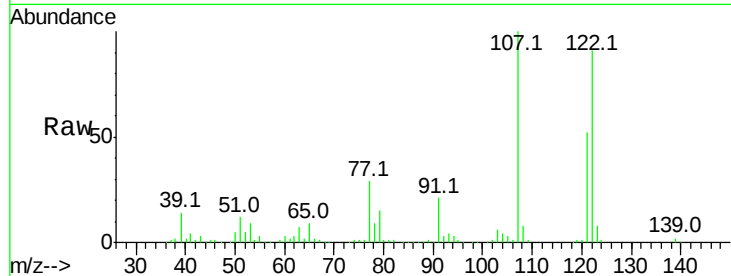




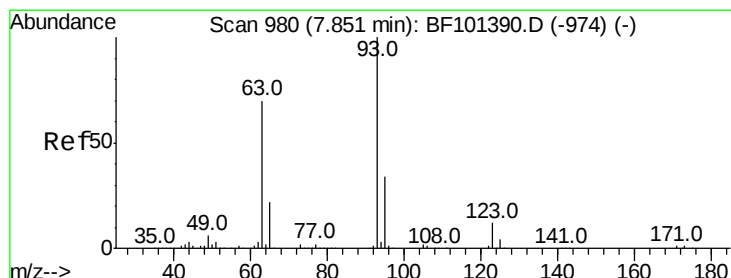
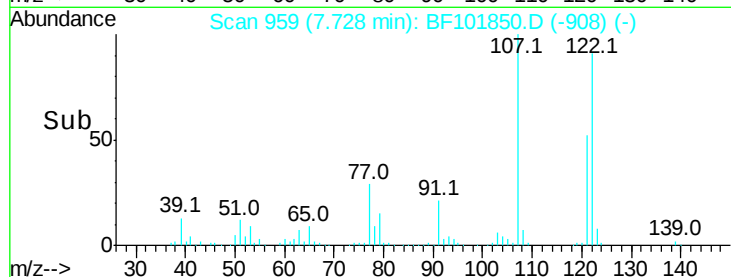
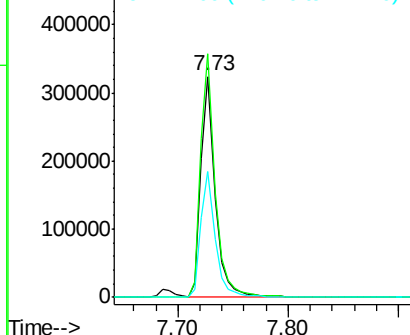
#27
2,4-Dimethylphenol
Concen: 37.560 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 284774
Ion Ratio Lower Upper
122 100
107 110.3 91.2 136.8
121 57.1 47.2 70.8

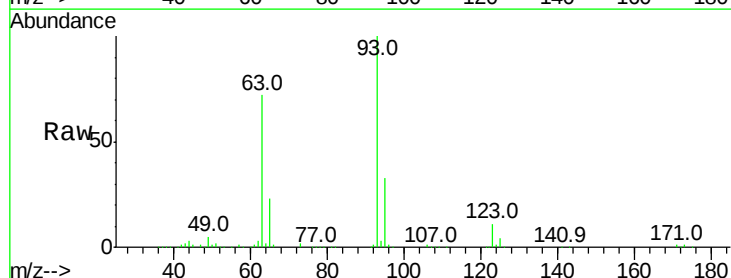


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

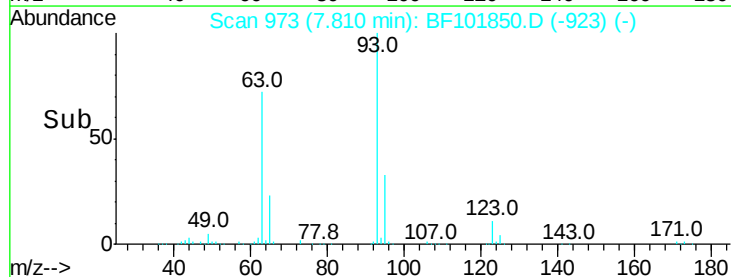
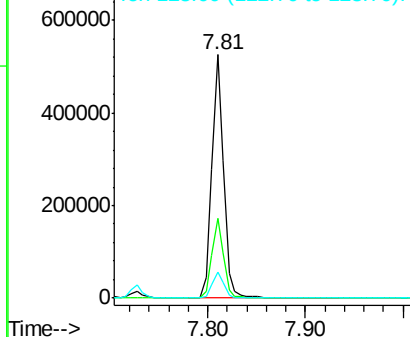


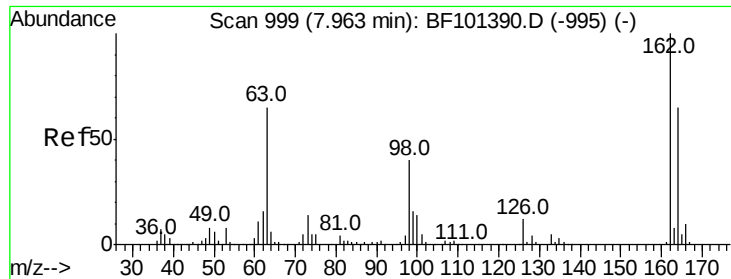
#28
bis(2-Chloroethoxy)methane
Concen: 36.793 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Tgt Ion: 93 Resp: 440070
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

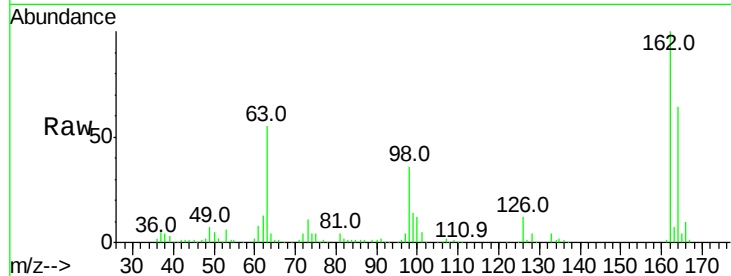




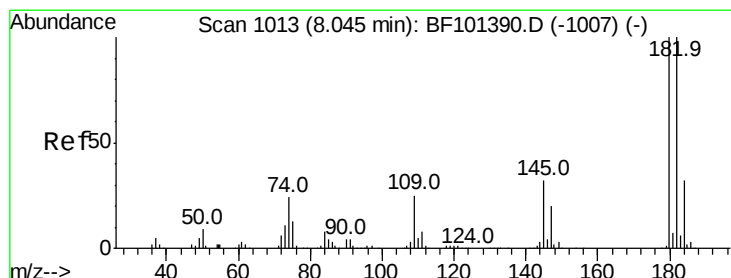
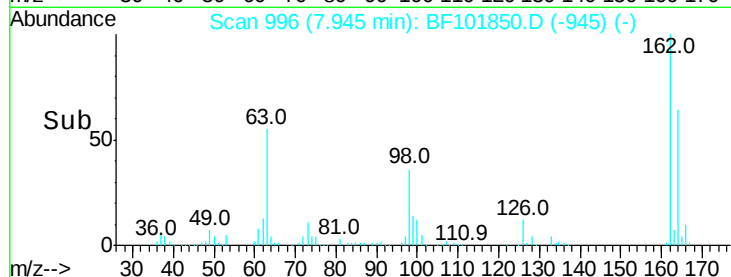
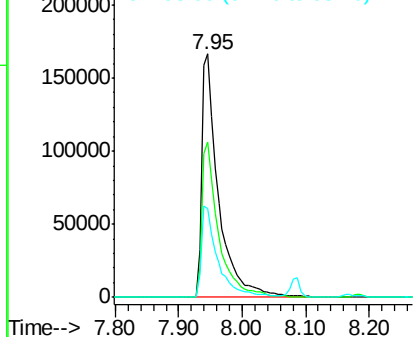
#29
 2,4-Dichlorophenol
 Concen: 40.298 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	36.5	18.1	58.1

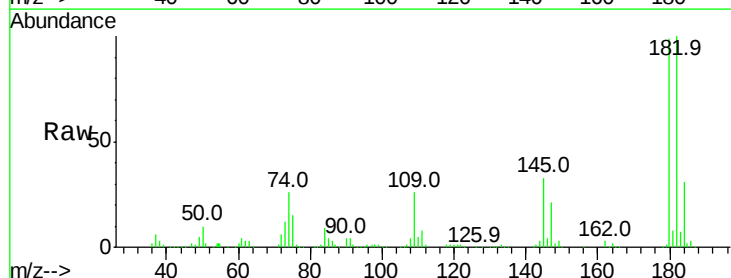


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

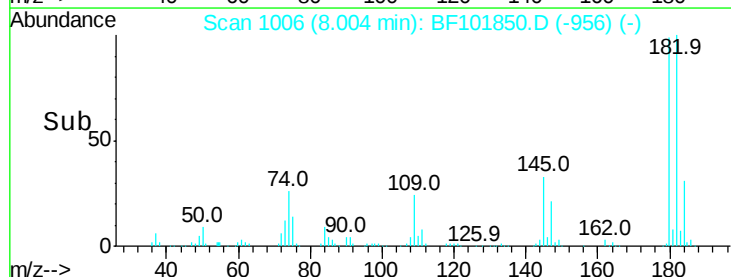
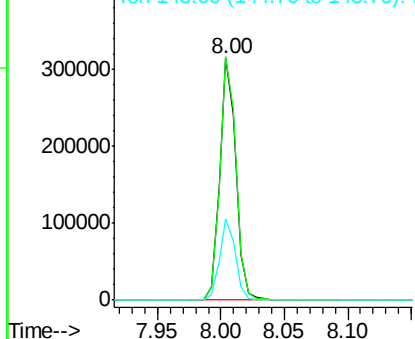


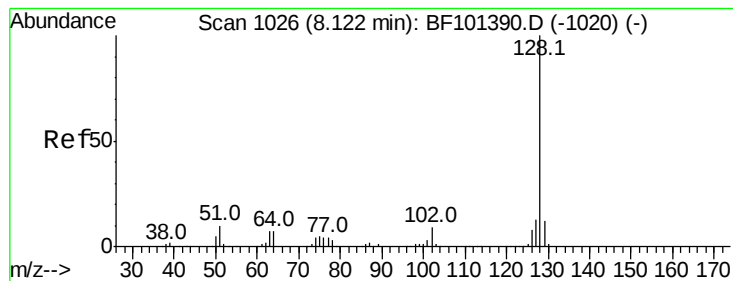
#30
 1,2,4-Trichlorobenzene
 Concen: 35.655 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	76.8	115.2
145	33.2	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: 35.888 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

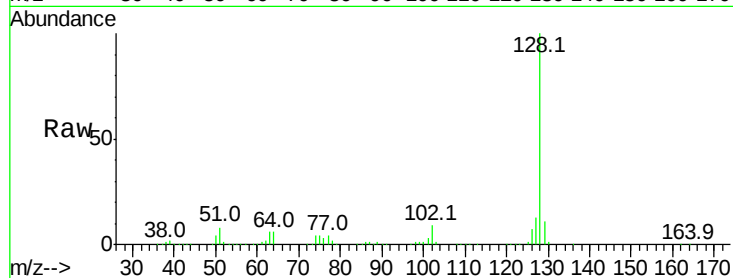
Tot Ion:128 Resp: 943988

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

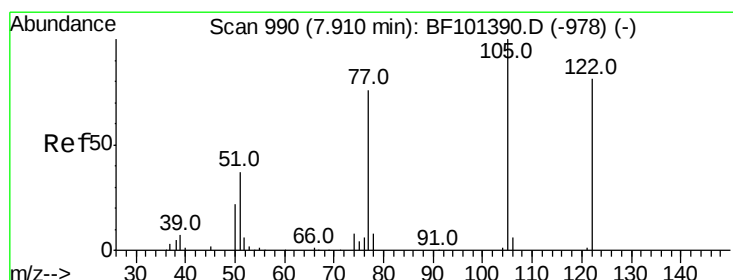
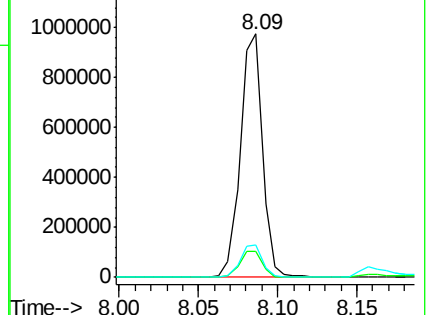
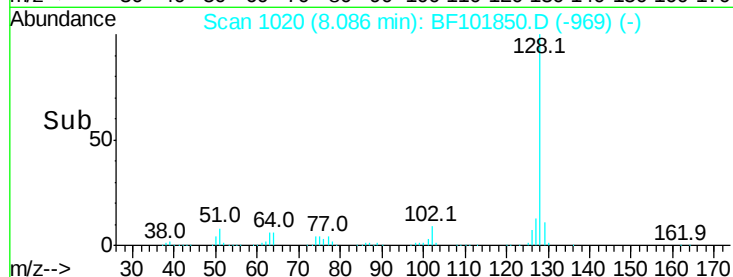
127 13.4 10.9 16.3



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: 54.459 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.18 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

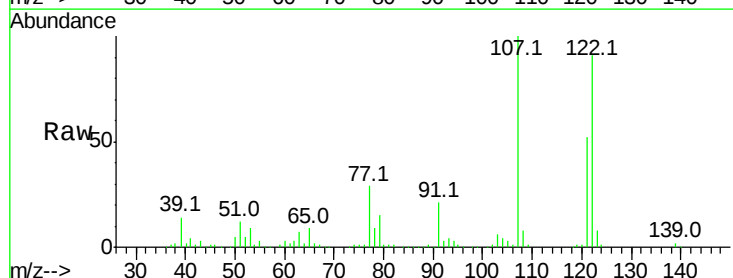
Tgt Ion:122 Resp: 284774

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

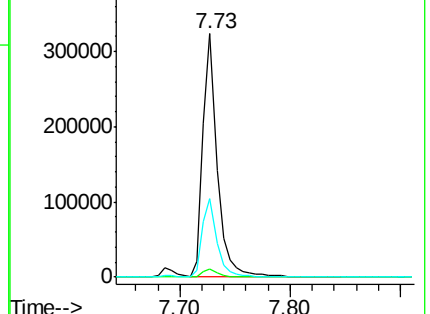
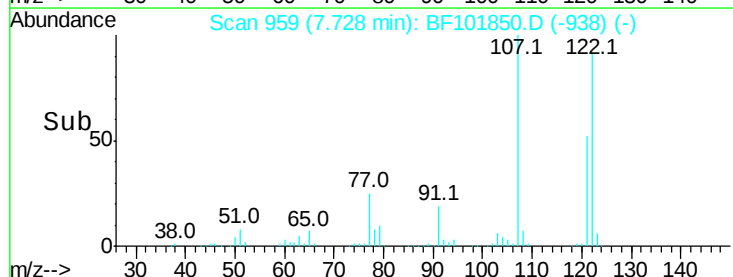
77 32.4 70.7 110.7#

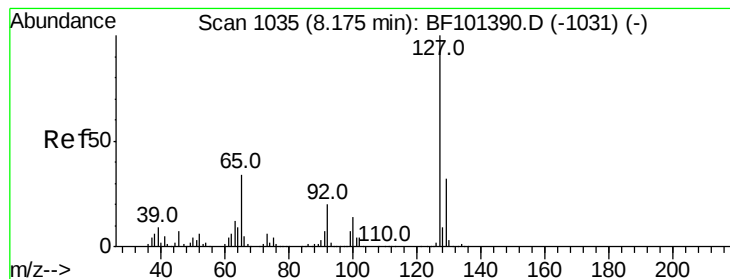


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 6.562 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 75019

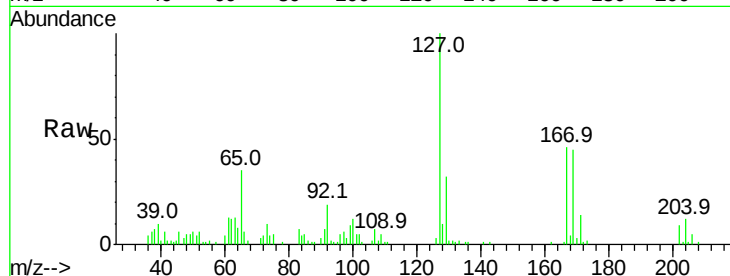
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 34.7 25.0 37.4

92 19.3 15.2 22.8

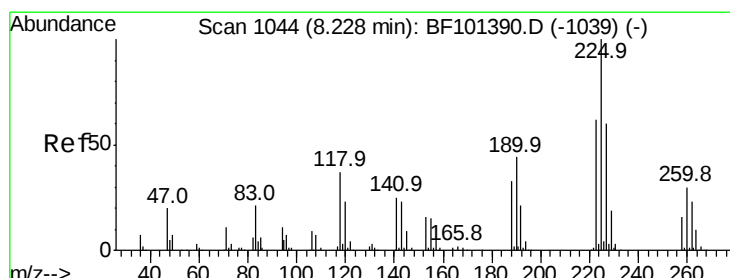
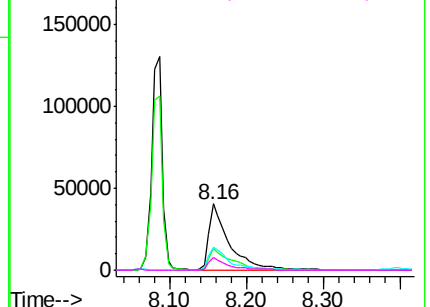
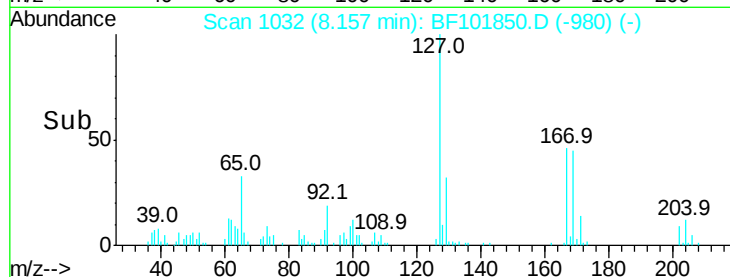


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.663 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

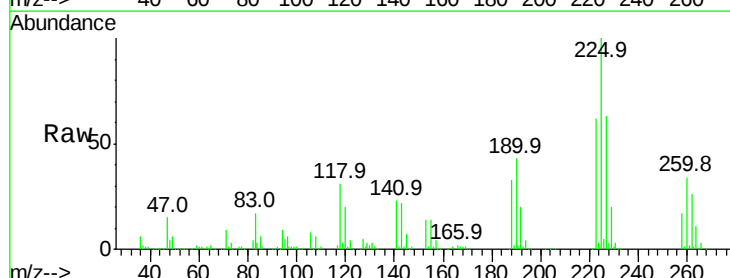
Tgt Ion:225 Resp: 163048

Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

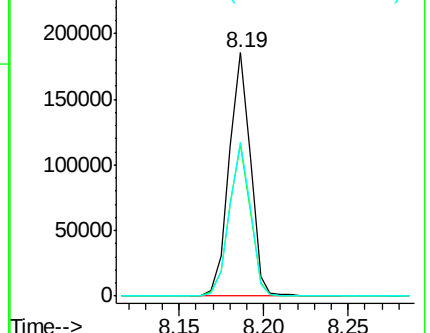
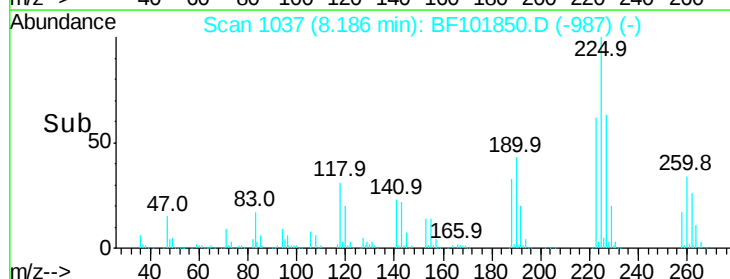
227 63.4 51.9 77.9

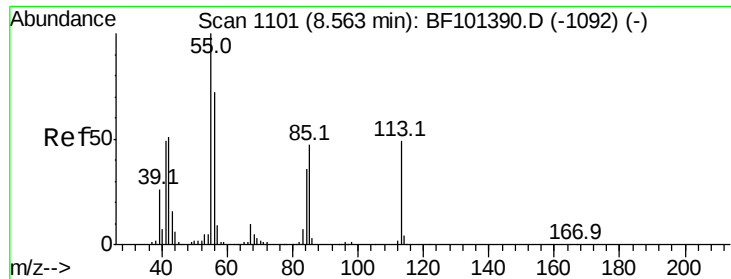


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.253 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampled :

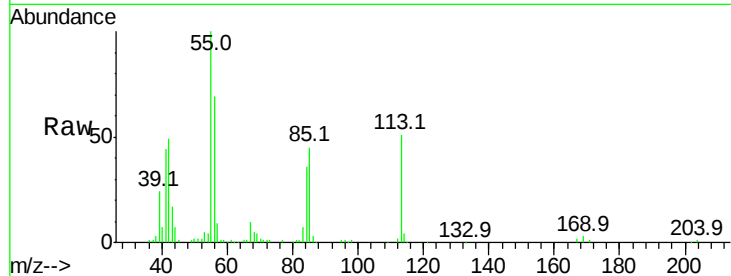
Tot Ion:113 Resp: 94291

Ion Ratio Lower Upper

113 100

55 195.5 163.3 203.3

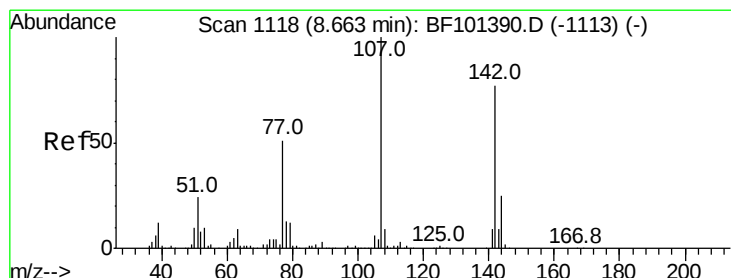
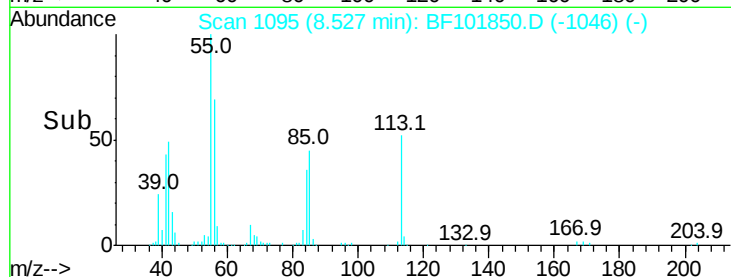
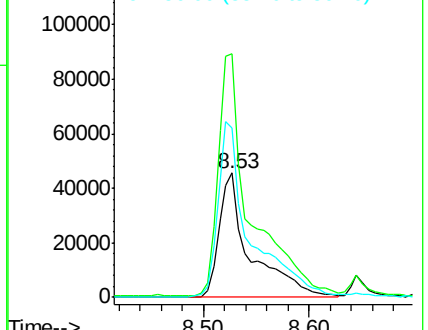
56 135.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.581 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

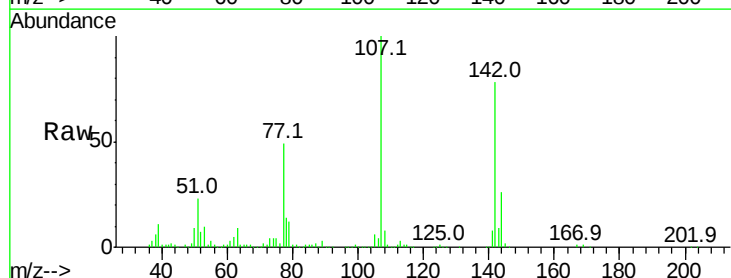
Tgt Ion:107 Resp: 301163

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

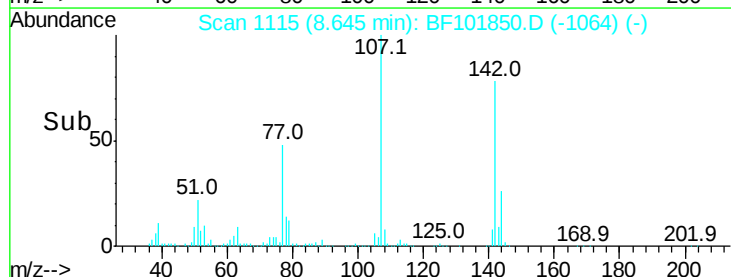
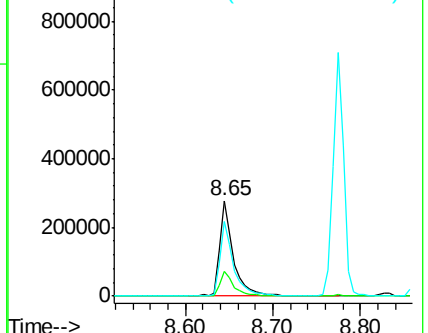
142 78.1 62.0 93.0

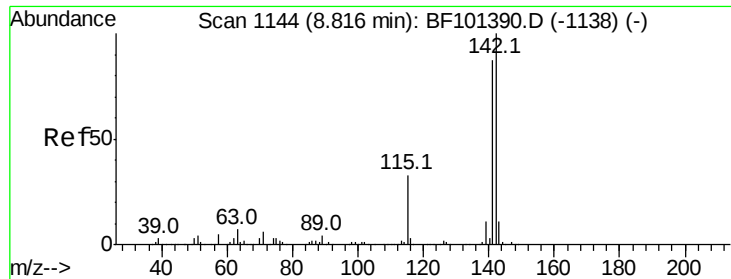


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.150 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

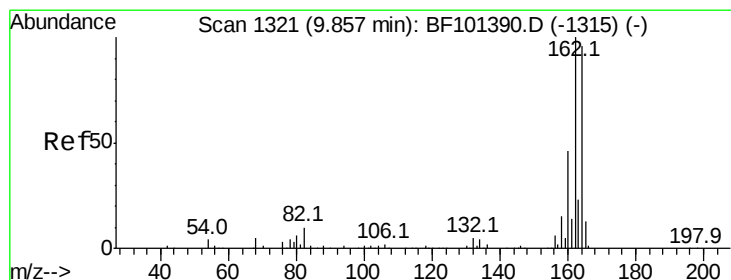
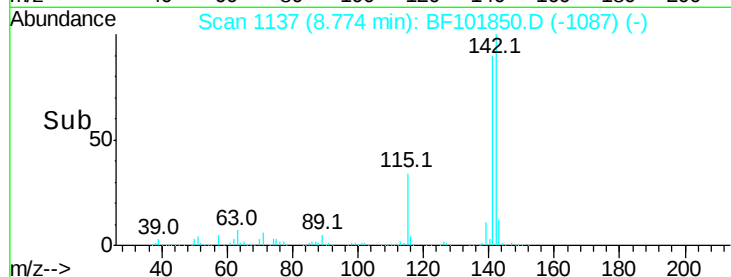
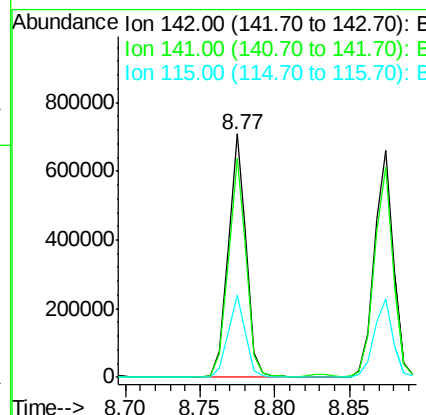
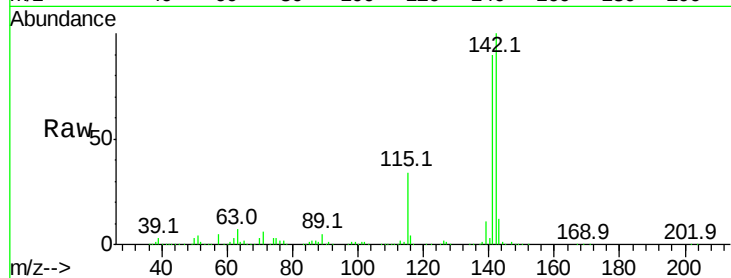
Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 602378

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	33.6	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

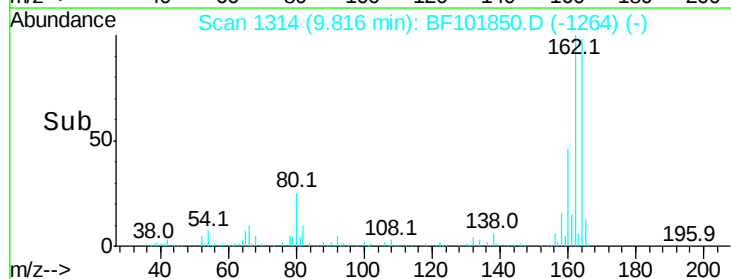
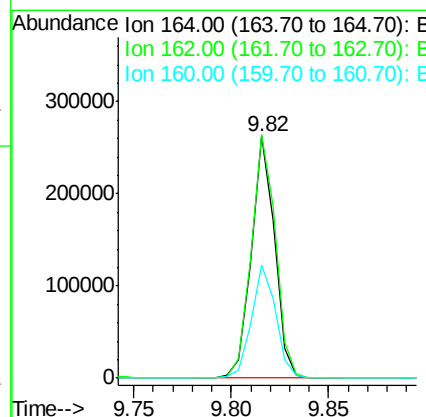
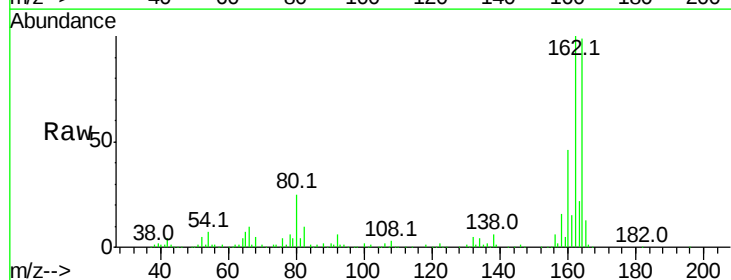
Delta R.T. -0.01 min

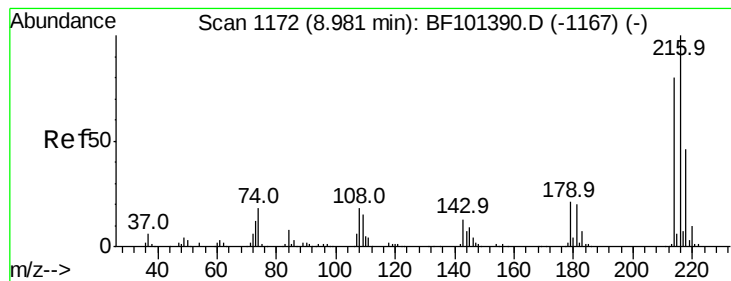
Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Tgt Ion:164 Resp: 216088

Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	46.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.777 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 290199

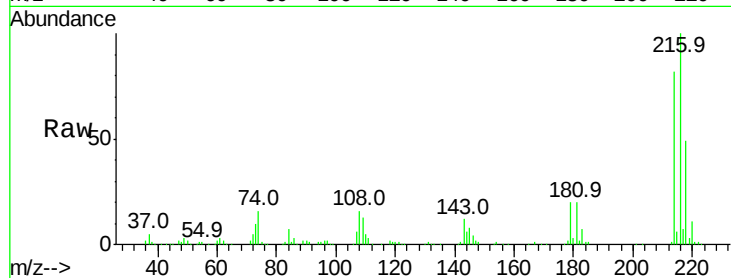
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.1 18.1 27.1

108 17.2 17.2 25.8

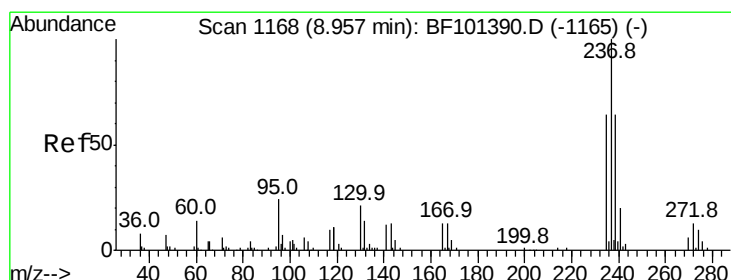
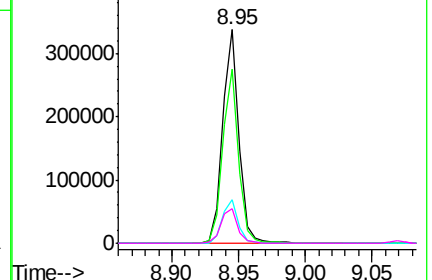
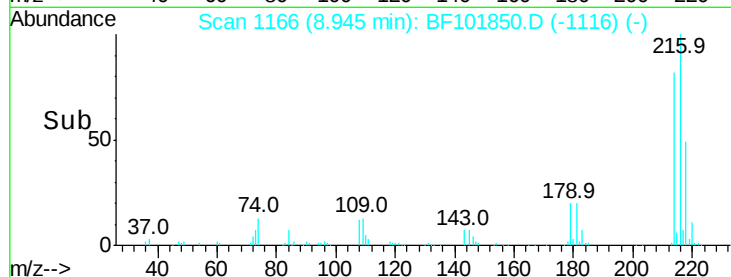


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 13.060 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

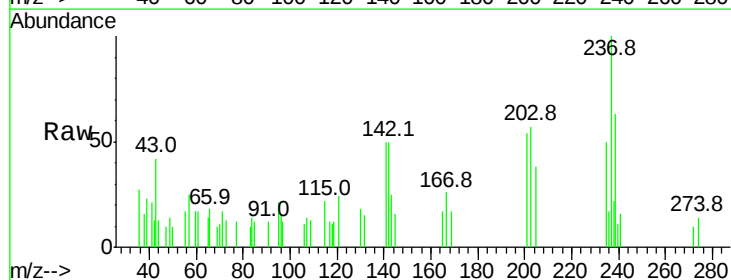
Tgt Ion:237 Resp: 1849

Ion Ratio Lower Upper

237 100

235 50.0 44.8 84.8

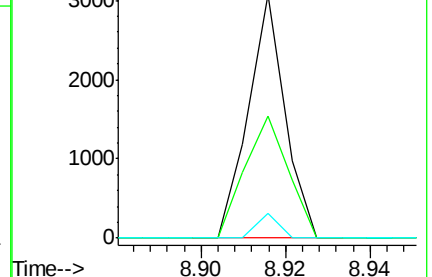
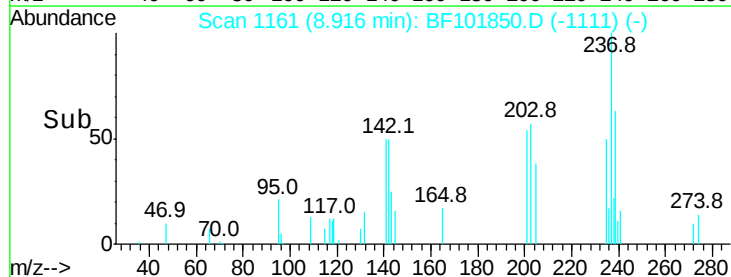
272 10.2 0.0 33.3

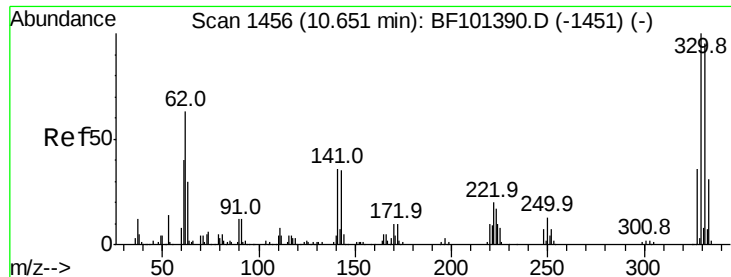


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 110.322 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

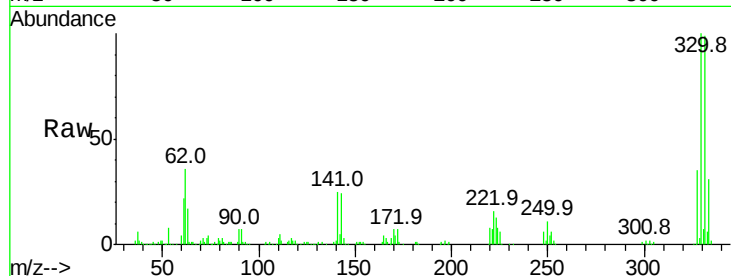
Tot Ion:330 Resp: 229709

Ion Ratio Lower Upper

330 100

332 99.5 77.0 115.6

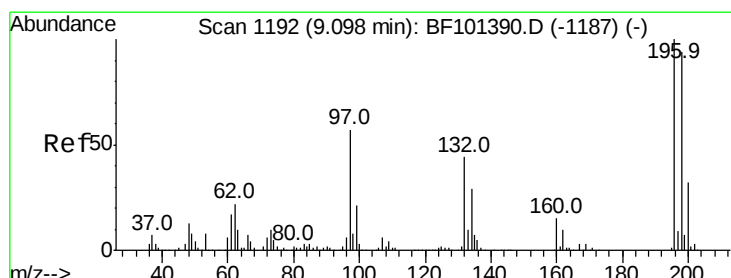
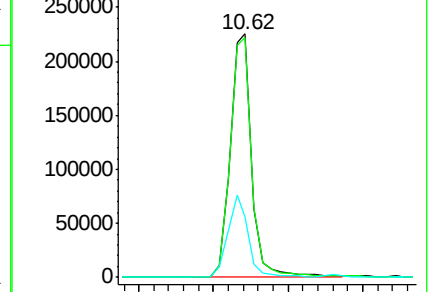
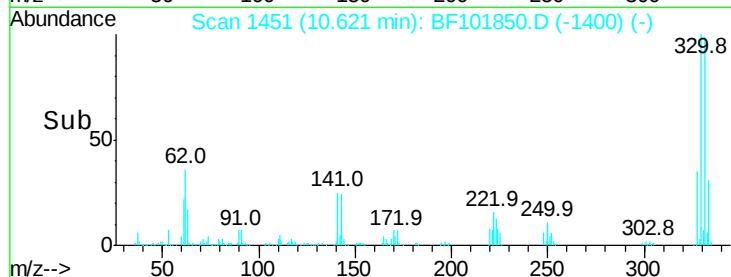
141 32.2 29.9 44.9



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: 41.460 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

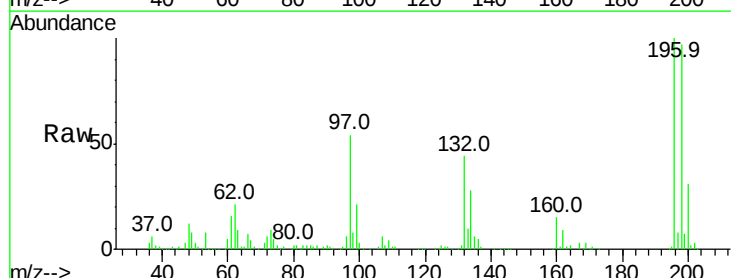
Tgt Ion:196 Resp: 182099

Ion Ratio Lower Upper

196 100

198 96.9 75.7 113.5

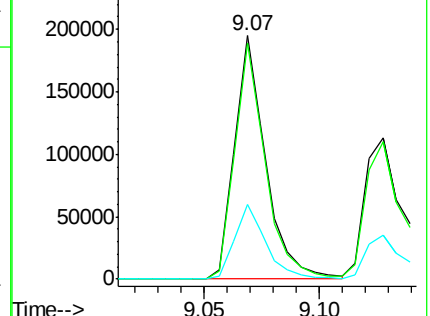
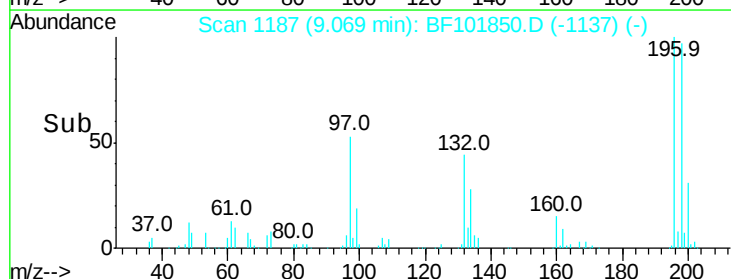
200 30.6 24.5 36.7



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

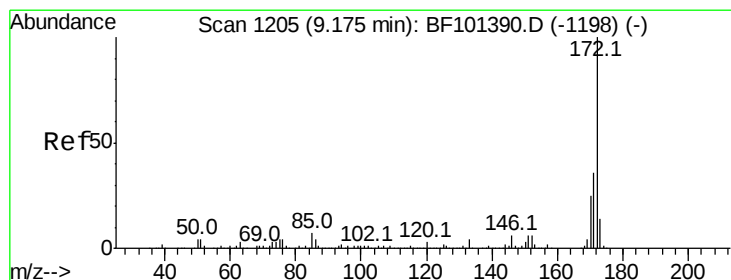
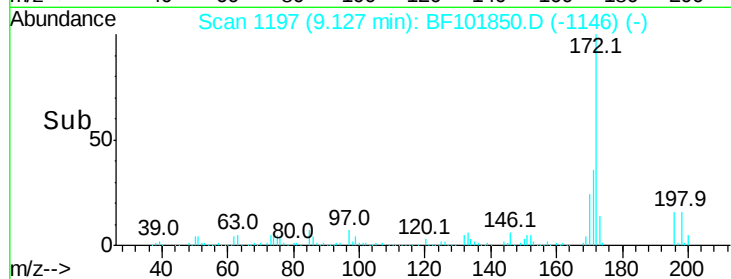
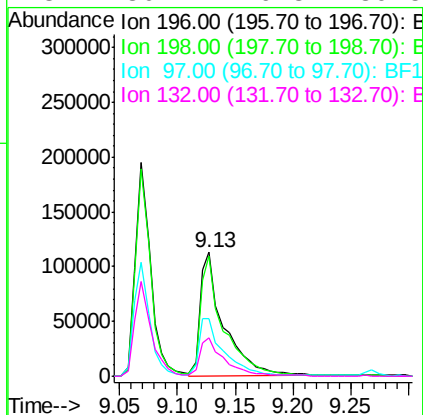
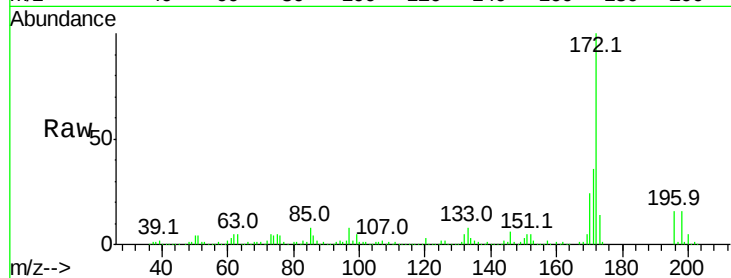




#43
 2,4,5-Trichlorophenol
 Concen: 33.725 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

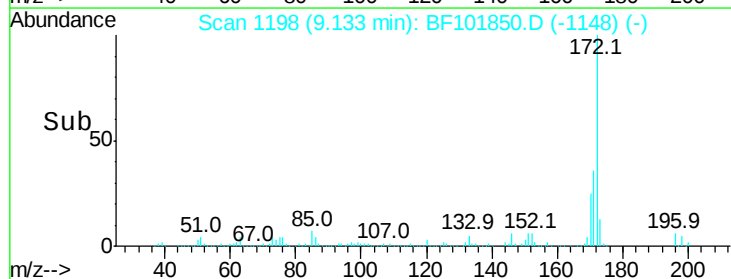
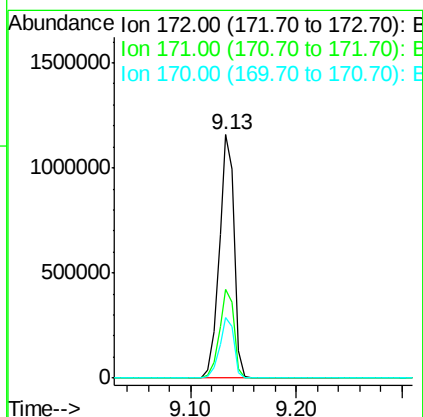
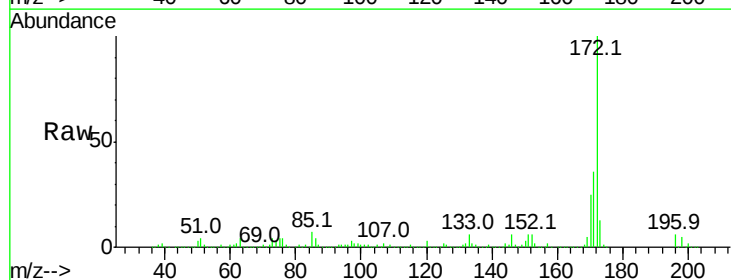
Instrument :
 BNA_F
 ClientSampled :

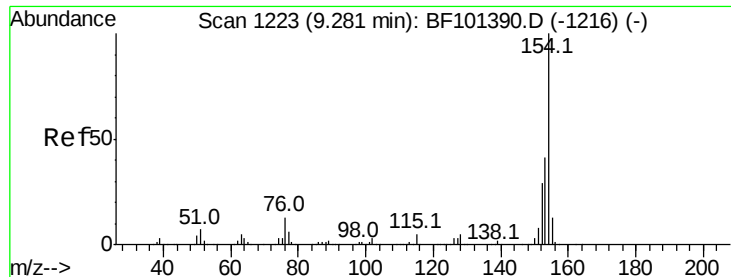
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.6	112.0
97	46.9	42.9	64.3
132	30.7	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 82.315 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.7	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.999 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampled :

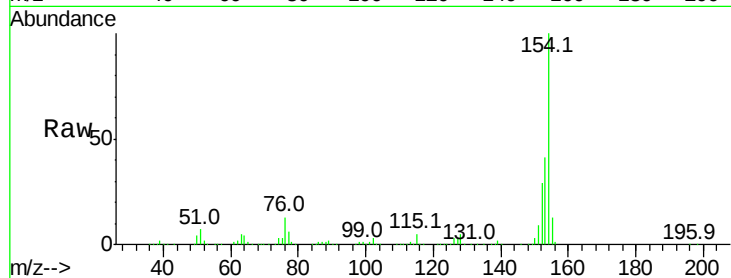
Tot Ion:154 Resp: 728195

Ion Ratio Lower Upper

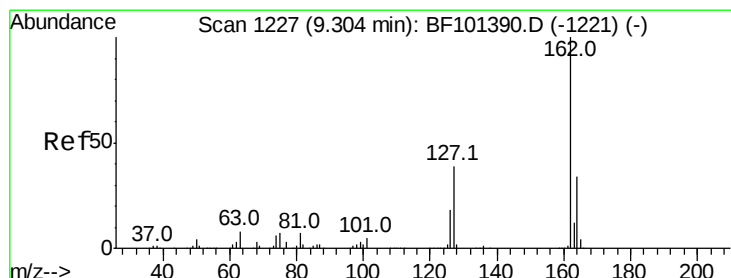
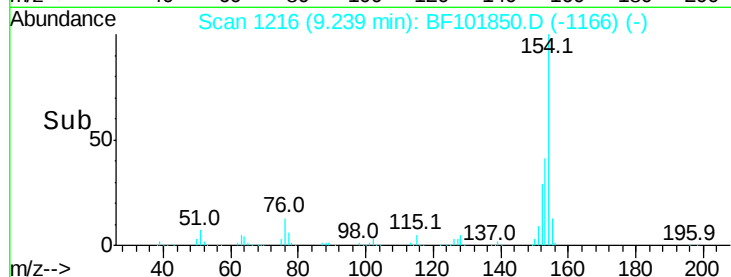
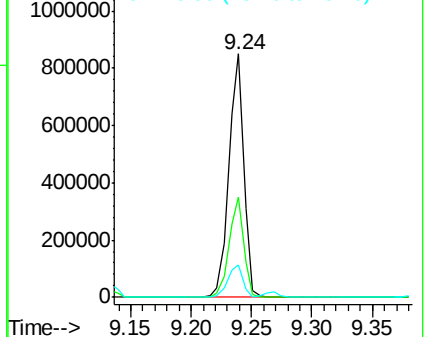
154 100

153 41.0 21.3 61.3

76 13.4 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: 37.041 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

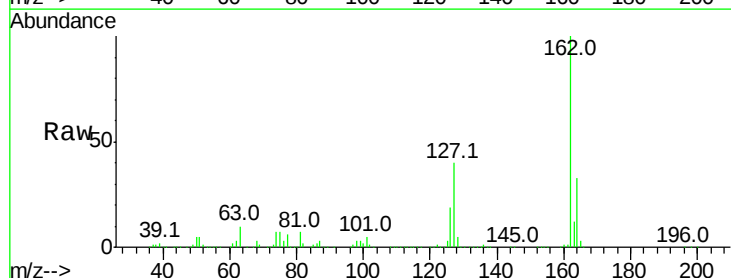
Tgt Ion:162 Resp: 543143

Ion Ratio Lower Upper

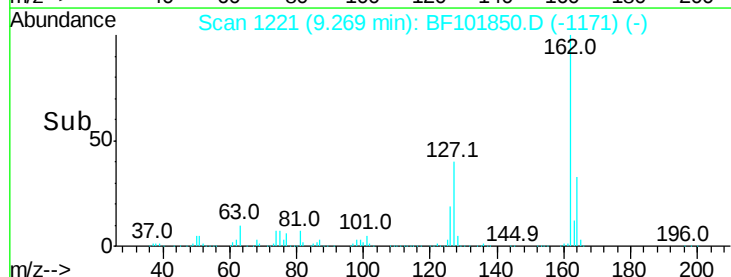
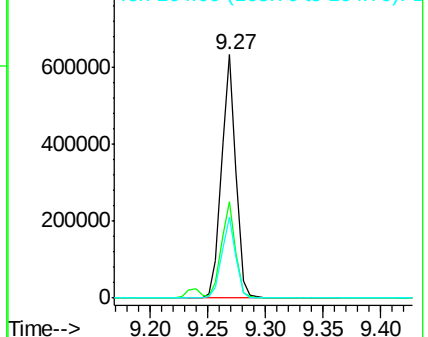
162 100

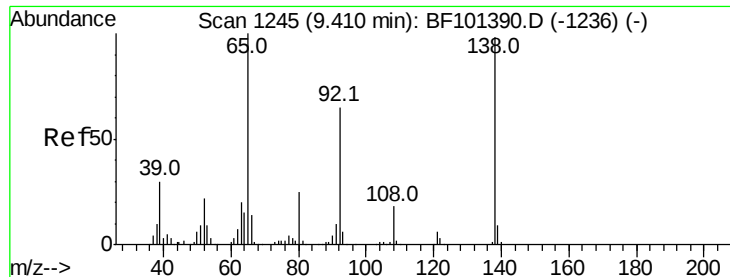
127 39.8 33.9 50.9

164 33.1 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

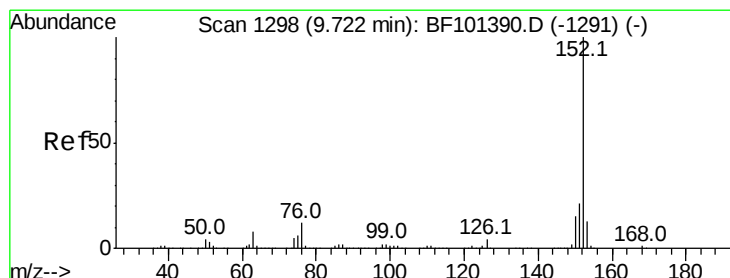
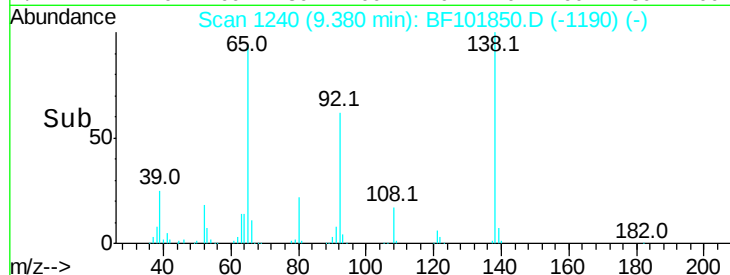
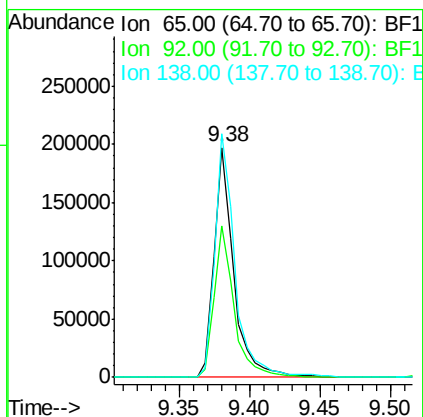
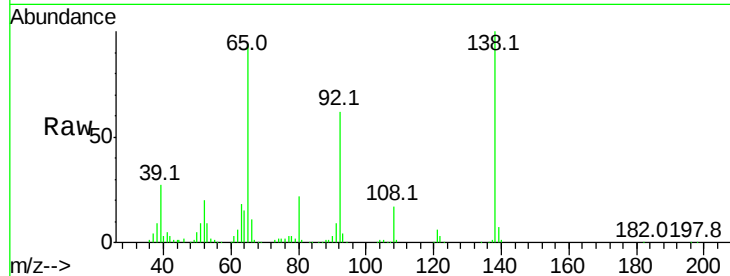




#47
2-Nitroaniline
Concen: 37.626 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

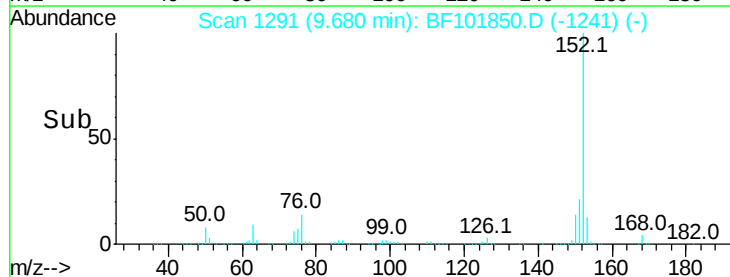
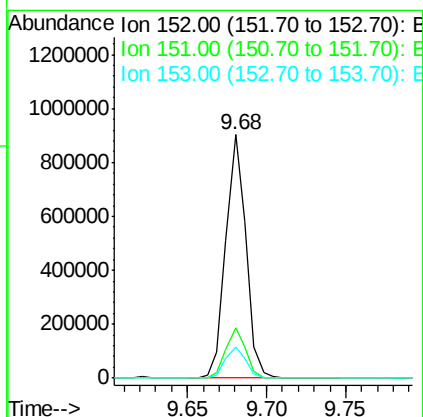
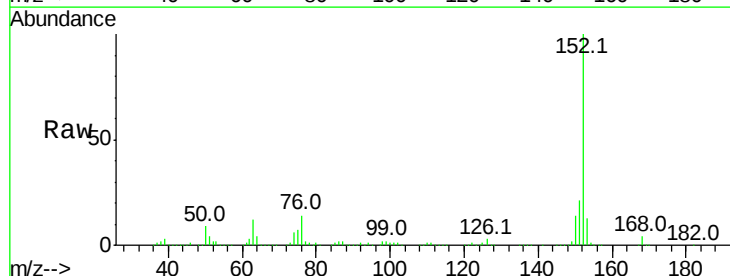
Instrument :
BNA_F
ClientSampleId :

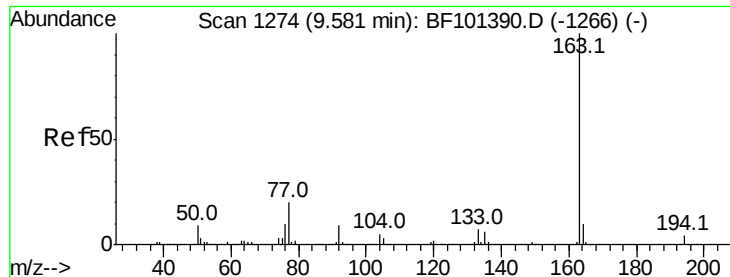
Tot Ion: 65 Resp: 190591
Ion Ratio Lower Upper
65 100
92 65.7 55.8 83.6
138 105.8 91.2 136.8



#48
Acenaphthylene
Concen: 34.252 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Tgt Ion: 152 Resp: 793276
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.0 10.7 16.1

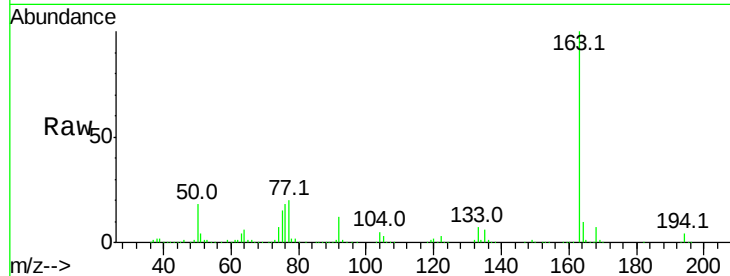




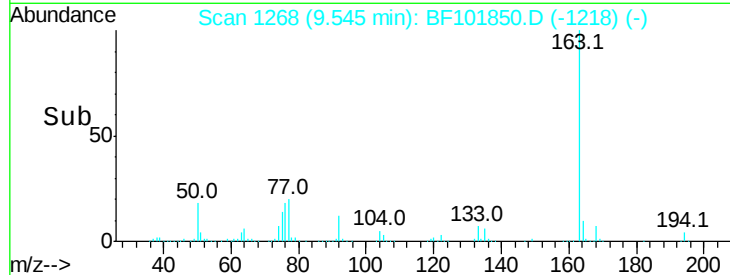
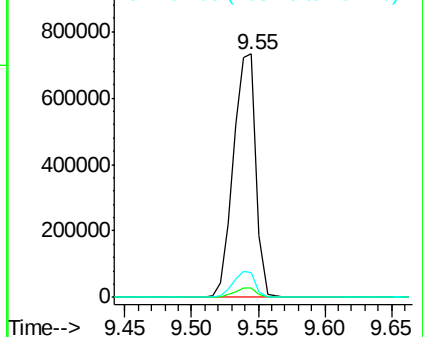
#49
Dimethylphthalate
Concen: 49.845 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 866365
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2

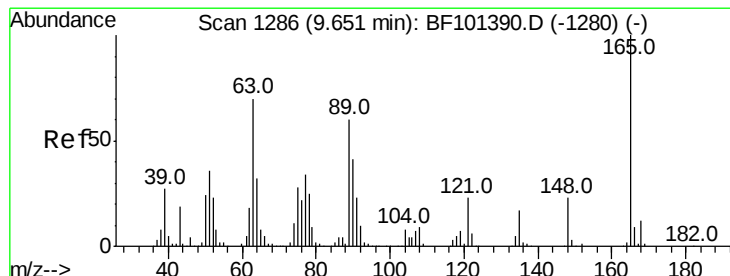


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

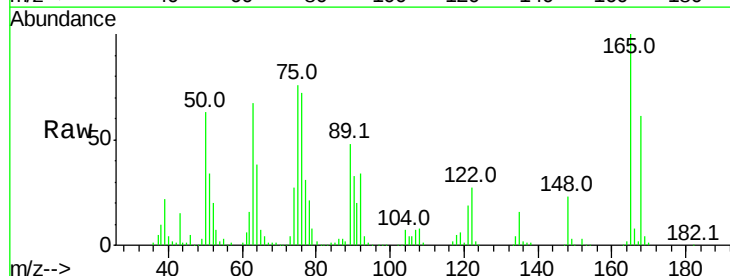
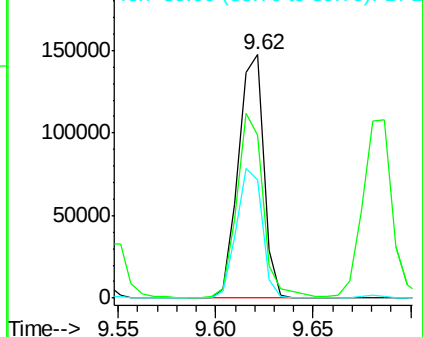


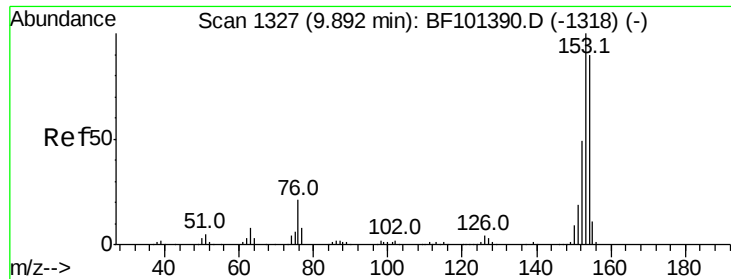
#50
2,6-Dinitrotoluene
Concen: 37.915 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Tgt Ion:165 Resp: 133941
Ion Ratio Lower Upper
165 100
63 67.1 44.7 67.1#
89 48.5 44.0 66.0



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





#51

Acenaphthene

Concen: 34.287 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

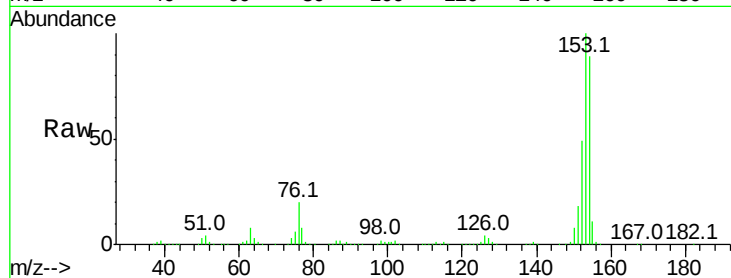
Tot Ion:154 Resp: 477097

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

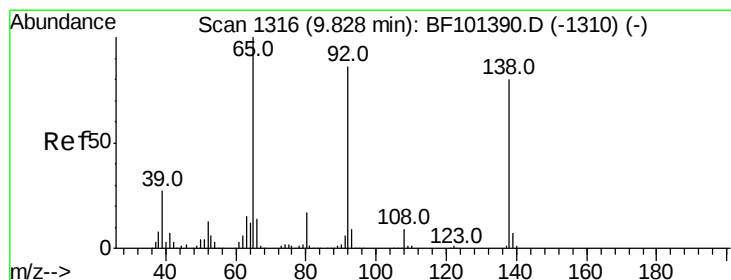
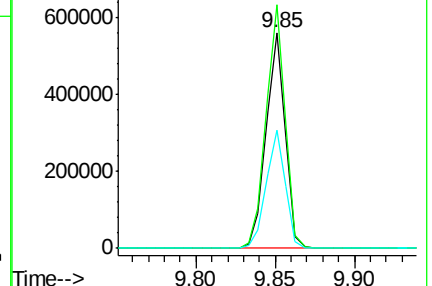
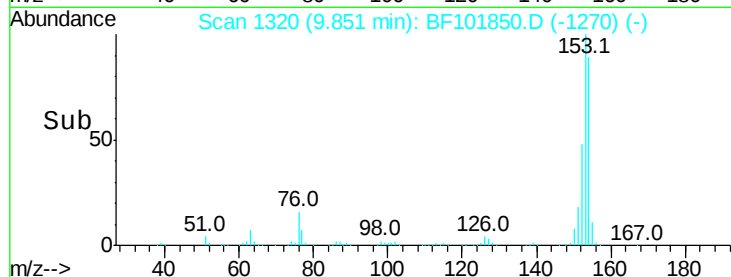
152 54.9 43.8 65.8



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: 22.552 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

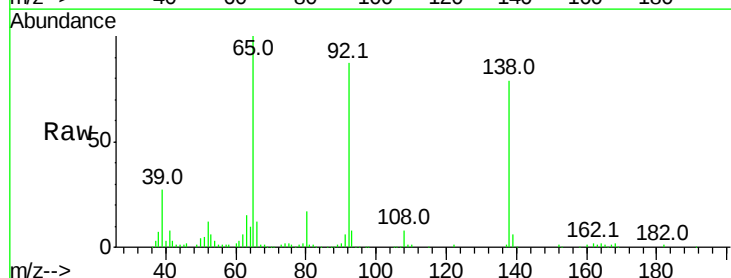
Tgt Ion:138 Resp: 99328

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

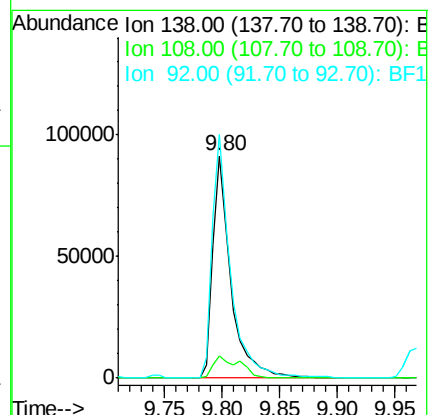
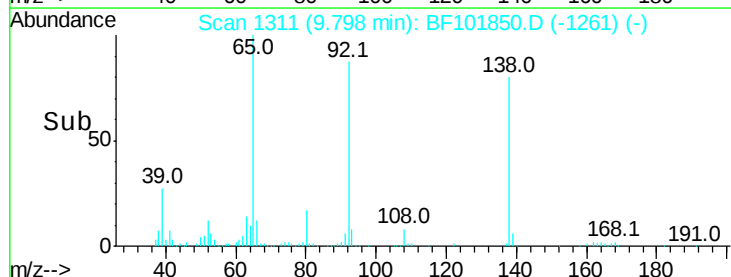
92 109.6 89.4 134.2

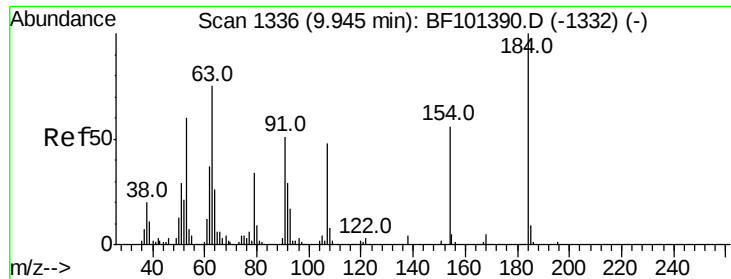


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

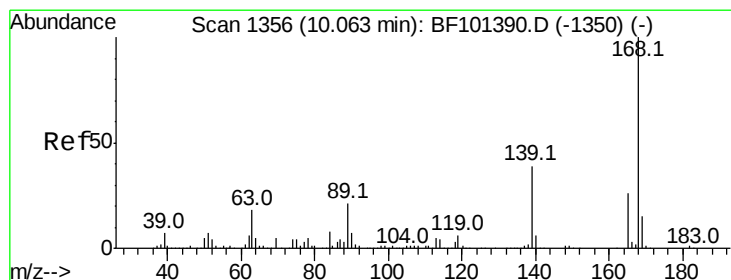
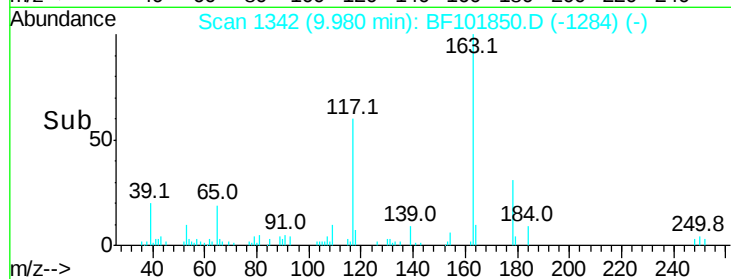
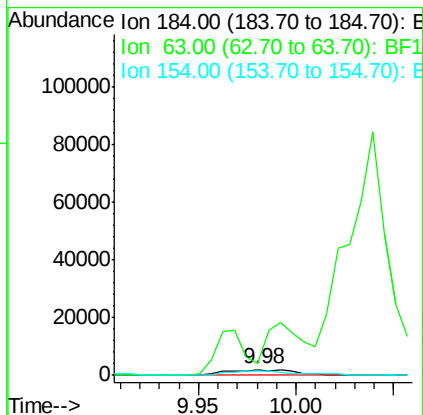
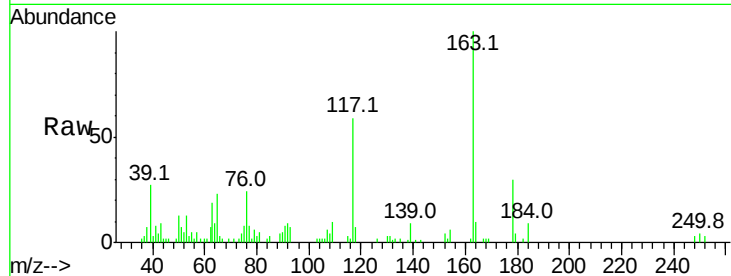




#53
 2,4-Dinitrophenol
 Concen: 13.603 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.04 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

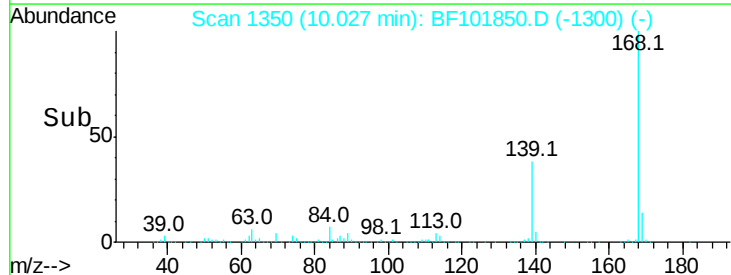
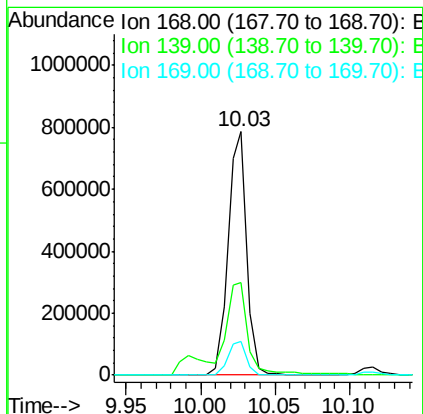
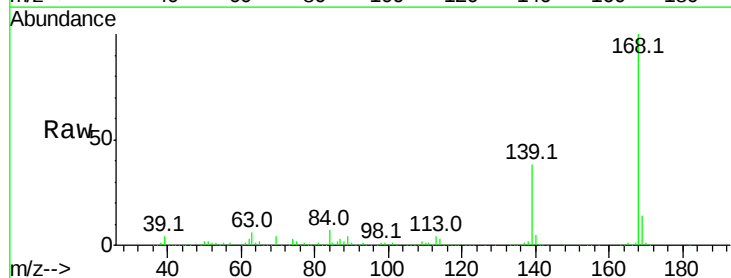
Instrument :
 BNA_F
 ClientSampleId :

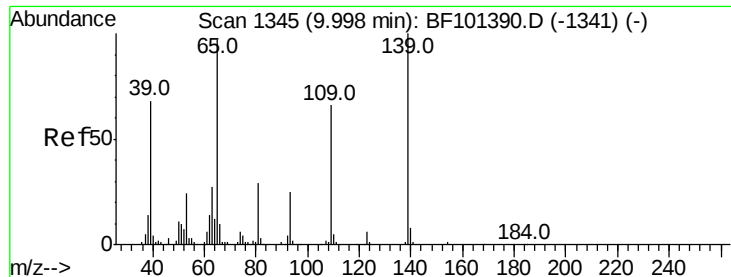
Tot Ion:184 Resp: 4637
 Ion Ratio Lower Upper
 184 100
 63 208.7 54.2 81.2#
 154 62.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.421 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Tgt Ion:168 Resp: 697092
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 13.9 10.9 16.3





#55

4-Nitrophenol

Concen: 36.538 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

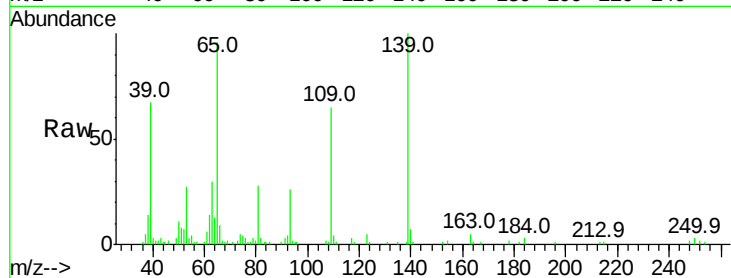
Tot Ion:139 Resp: 70171

Ion Ratio Lower Upper

139 100

109 65.3 48.4 88.4

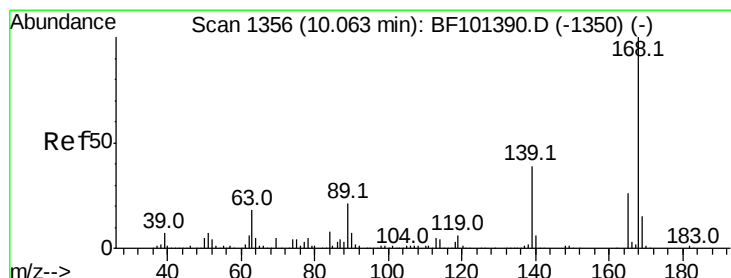
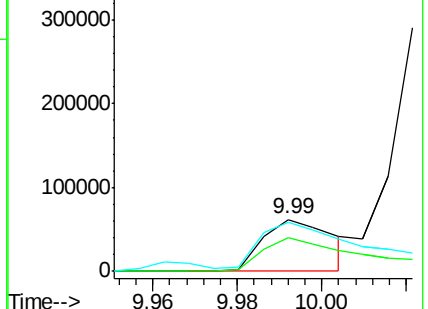
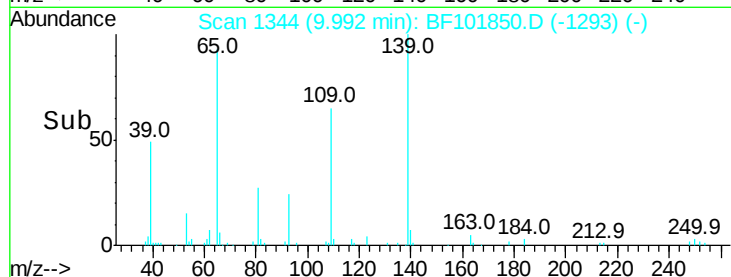
65 95.5 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 44.270 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Tgt Ion:165 Resp: 176198

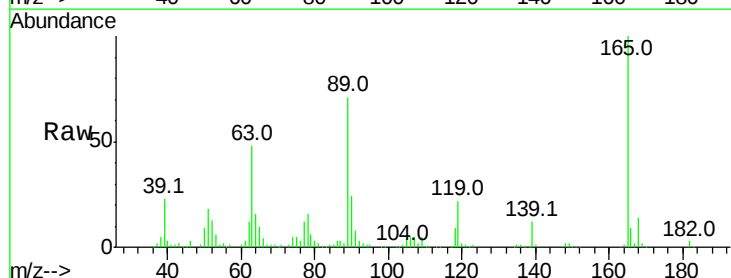
Ion Ratio Lower Upper

165 100

63 47.6 36.4 54.6

89 70.9 57.8 86.6

182 2.9 1.6 2.4#

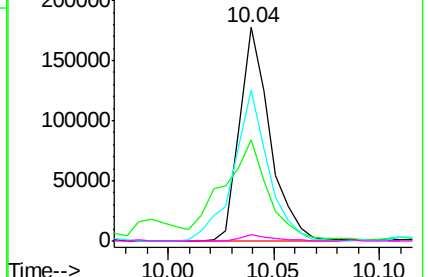
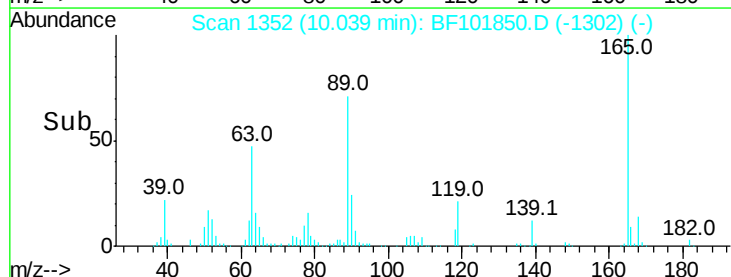


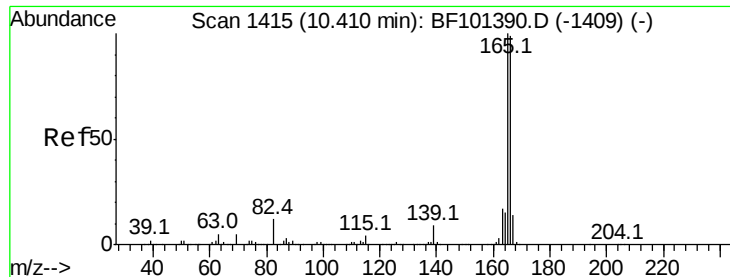
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.210 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

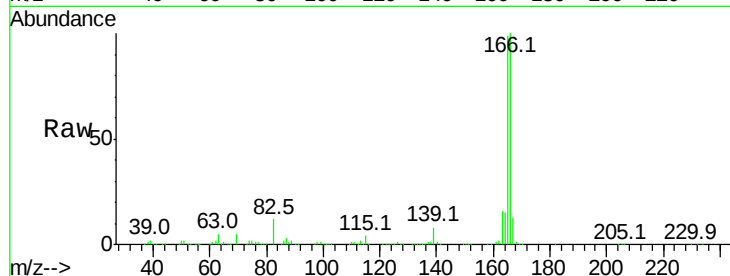
Tot Ion:166 Resp: 541672

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

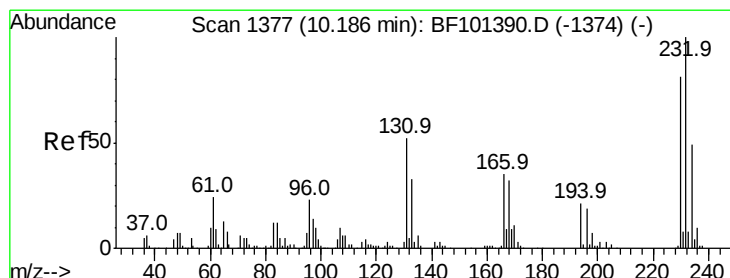
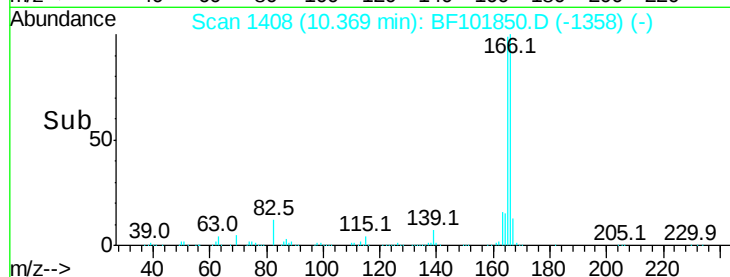
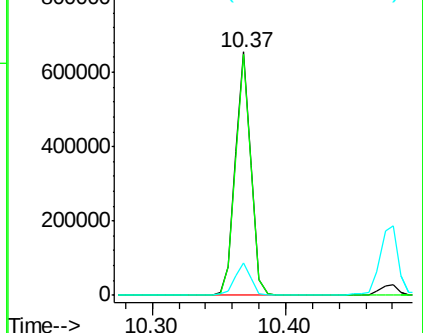
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.663 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Tgt Ion:232 Resp: 130133

Ion Ratio Lower Upper

232 100

131 42.3 43.8 65.8#

130 2.3 2.1 3.1

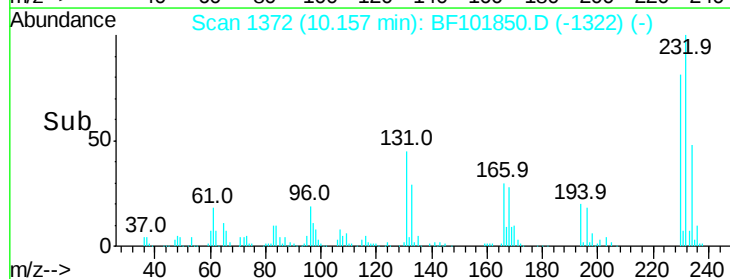
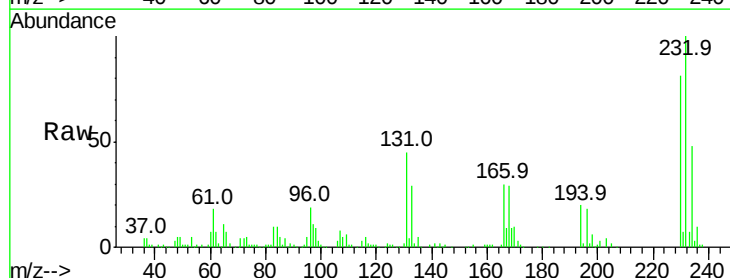
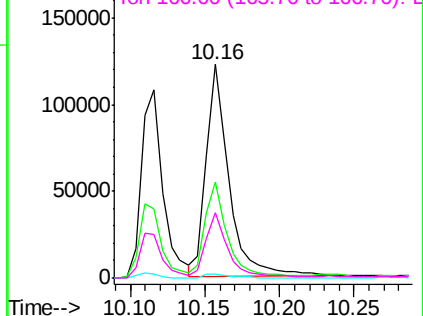
166 29.1 27.8 41.6

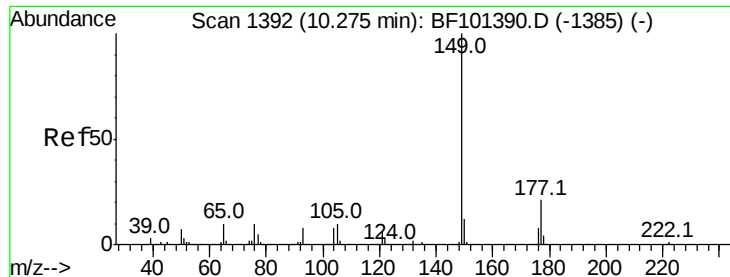
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.837 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

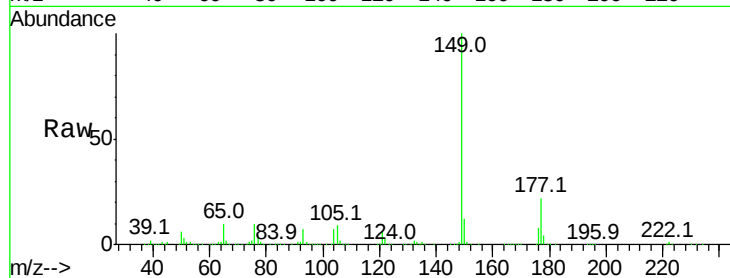
Tot Ion:149 Resp: 616848

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

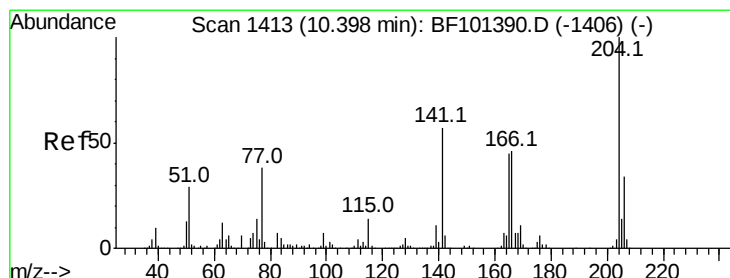
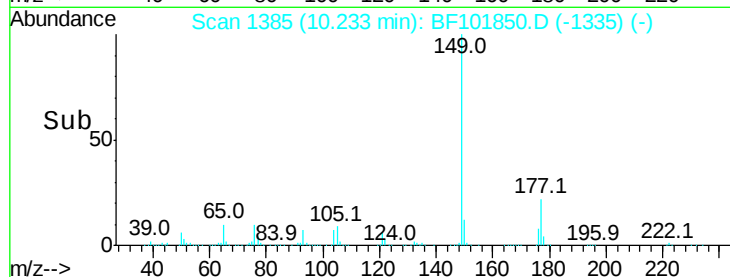
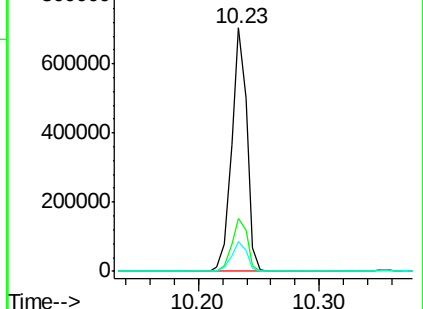
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.278 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

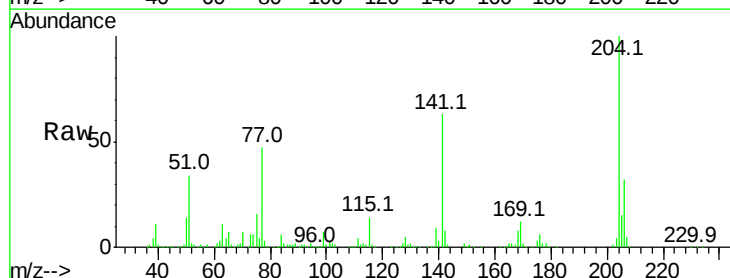
Tgt Ion:204 Resp: 267254

Ion Ratio Lower Upper

204 100

206 32.1 26.5 39.7

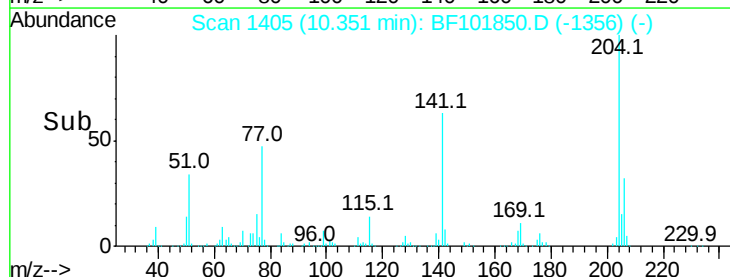
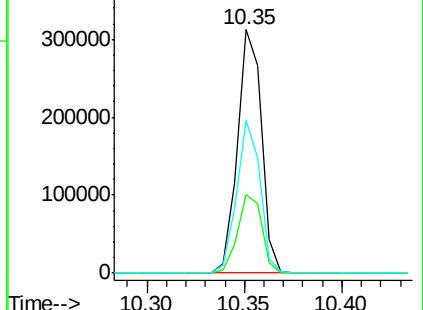
141 62.7 54.6 81.8

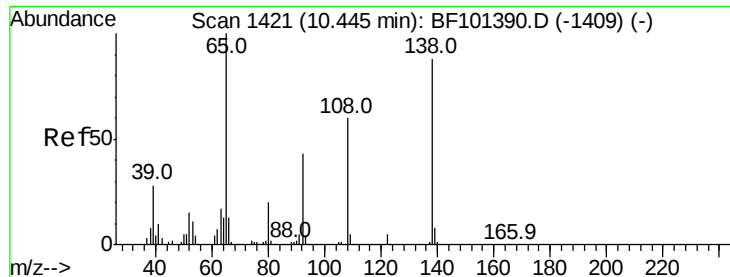


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.000 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampled :

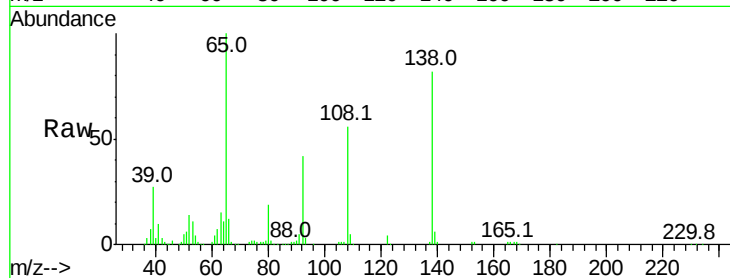
Tot Ion:138 Resp: 119530

Ion Ratio Lower Upper

138 100

92 51.3 30.2 70.2

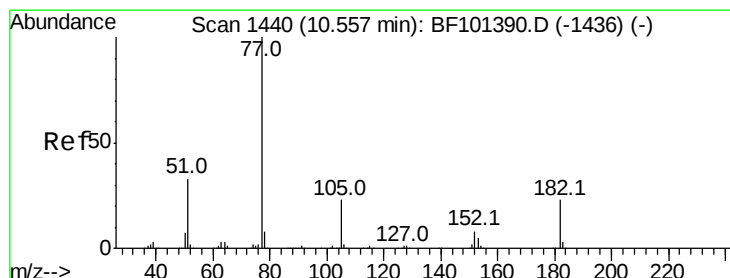
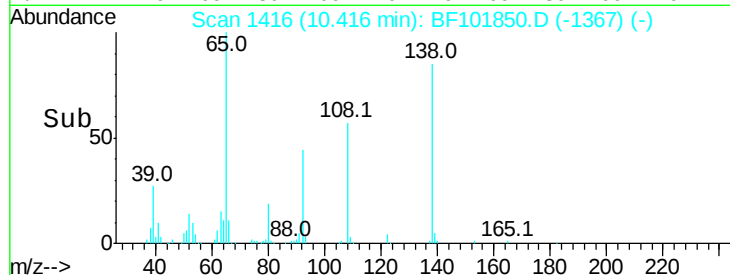
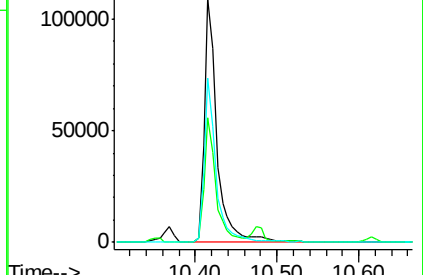
108 67.5 52.5 92.5



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: 43.167 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Tgt Ion: 77 Resp: 769688

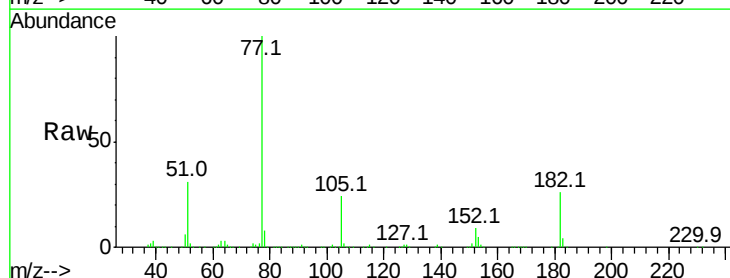
Ion Ratio Lower Upper

77 100

182 25.9 1.7 41.7

105 24.5 3.0 43.0

51 31.4 9.9 49.9

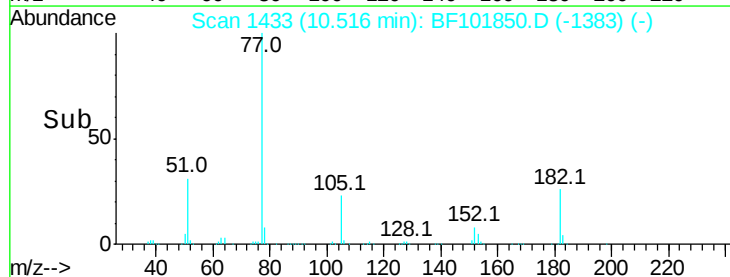
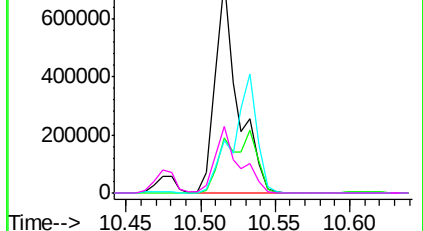


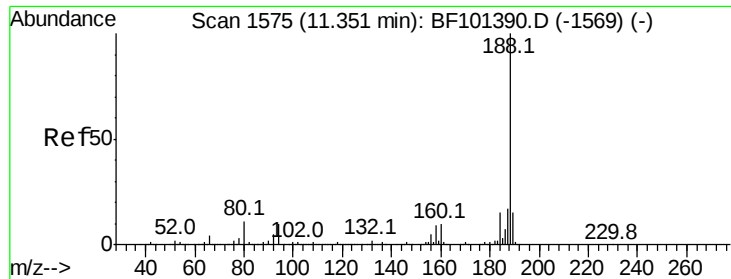
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

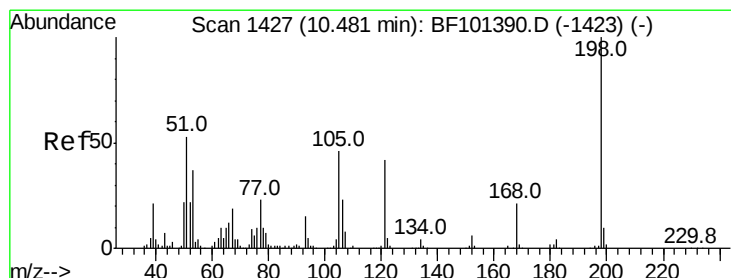
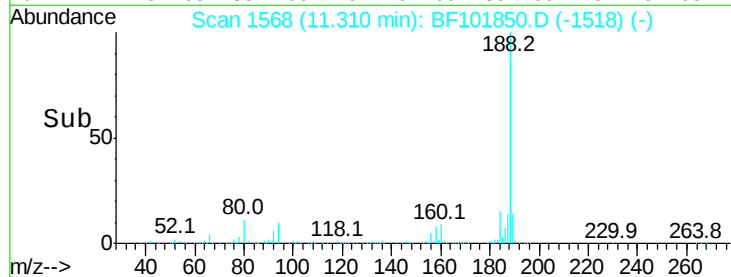
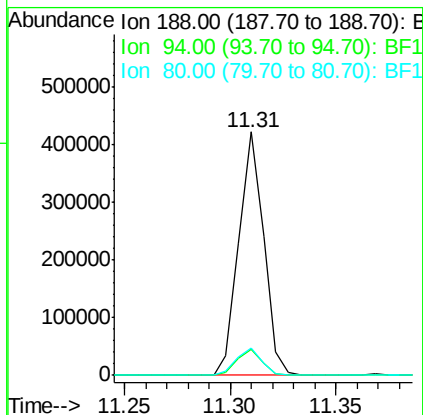
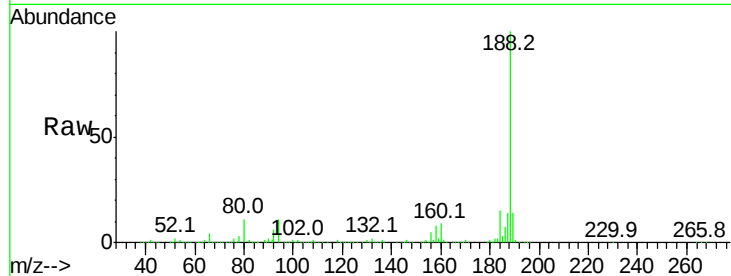




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

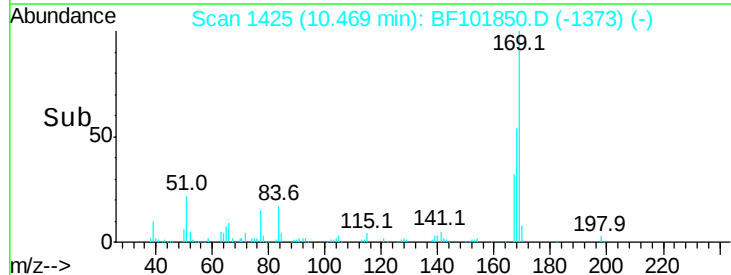
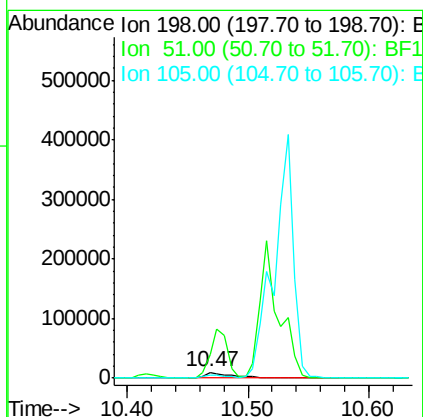
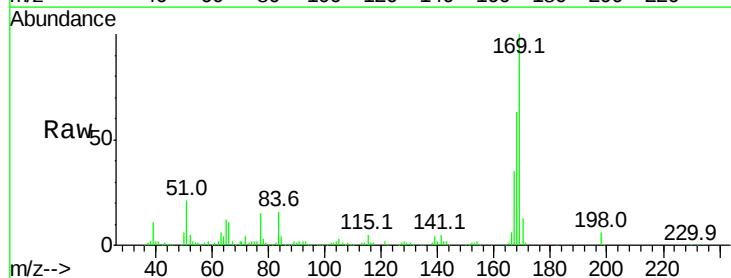
Instrument :
 BNA_F
 ClientSampled :

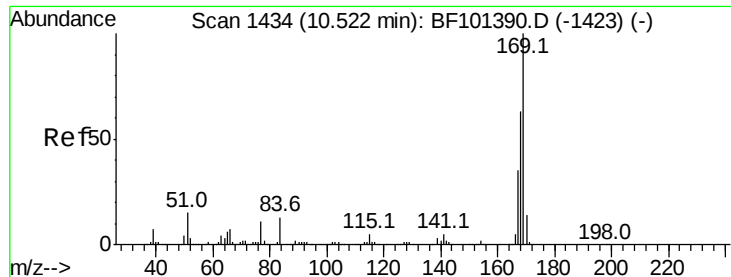
Tot Ion:188 Resp: 345060
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.115 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Tgt Ion:198 Resp: 16050
 Ion Ratio Lower Upper
 198 100
 51 385.1 37.7 77.7#
 105 51.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.358 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

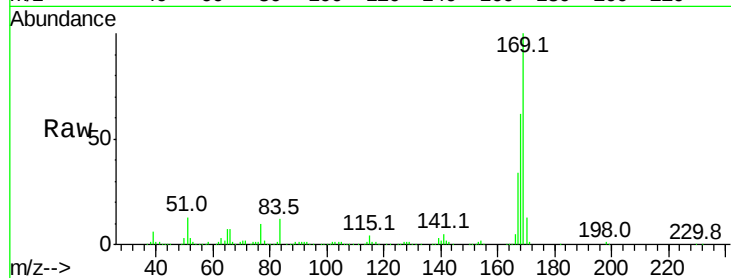
Tot Ion:169 Resp: 501461

Ion Ratio Lower Upper

169 100

168 62.2 54.4 81.6

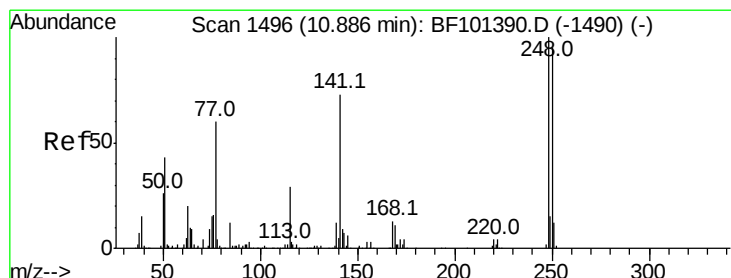
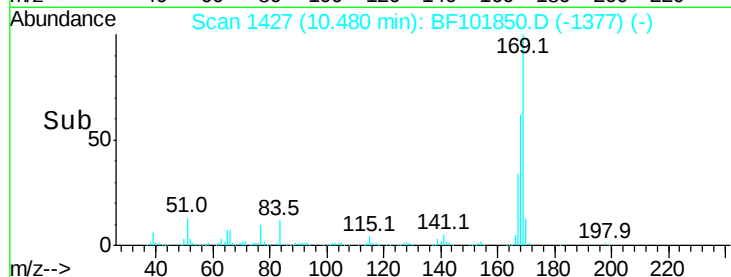
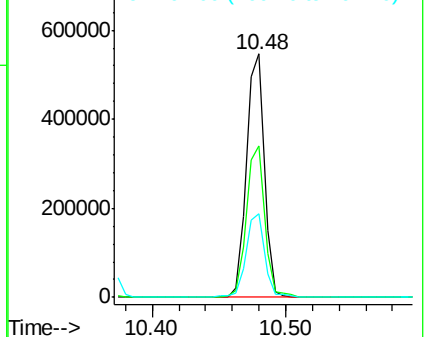
167 34.5 29.8 44.6



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: 40.029 ng

RT: 10.84 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

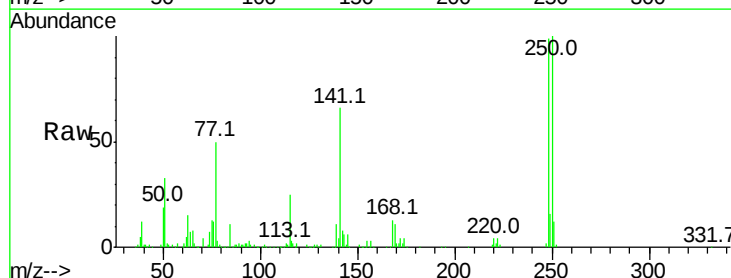
Tgt Ion:248 Resp: 155200

Ion Ratio Lower Upper

248 100

250 100.7 76.9 115.3

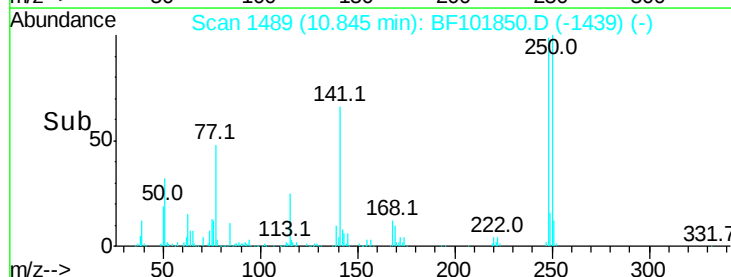
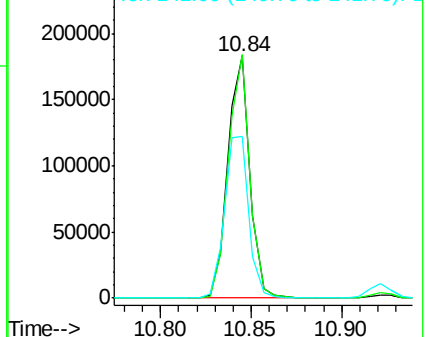
141 66.8 74.4 111.6#

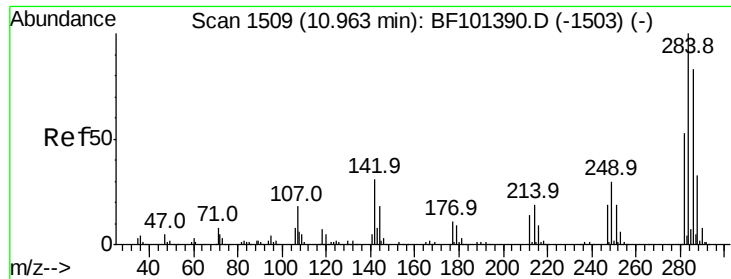


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.532 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

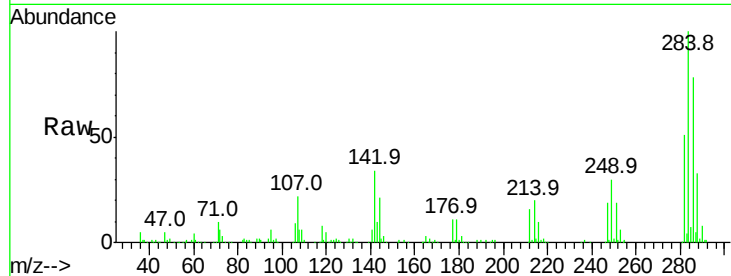
Tot Ion:284 Resp: 154011

Ion Ratio Lower Upper

284 100

142 34.4 34.6 52.0#

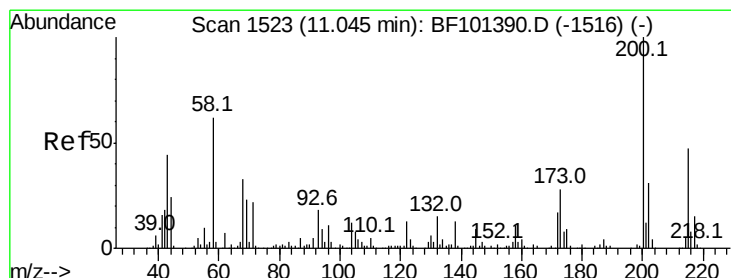
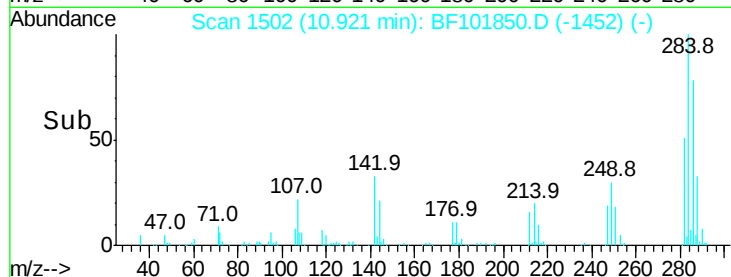
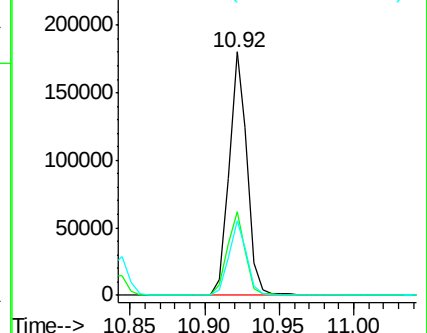
249 30.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.061 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

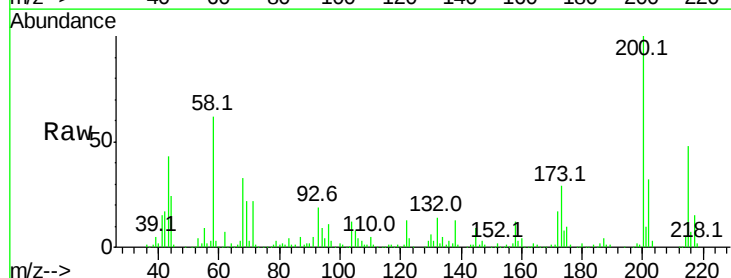
Tgt Ion:200 Resp: 155995

Ion Ratio Lower Upper

200 100

173 29.2 8.6 48.6

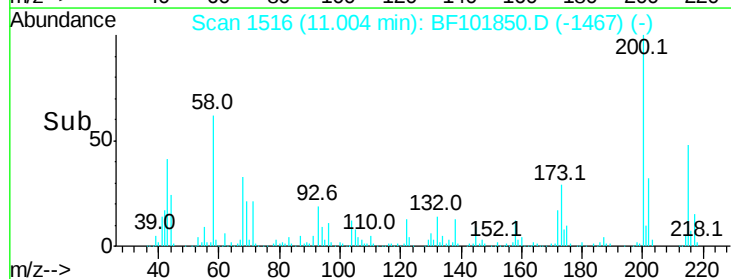
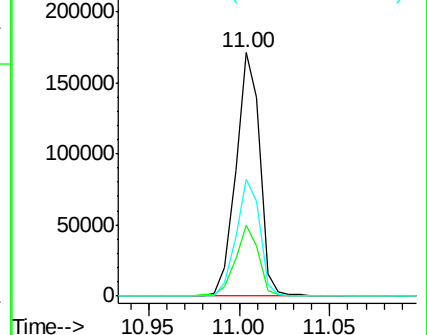
215 48.0 25.1 65.1

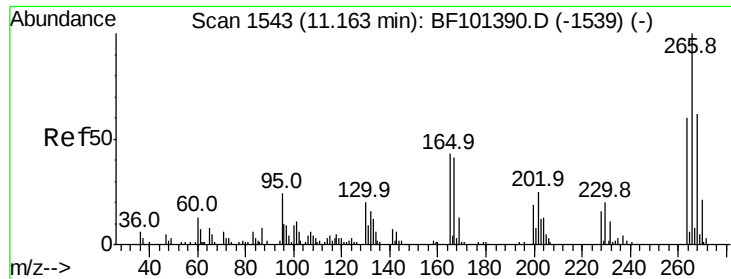


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

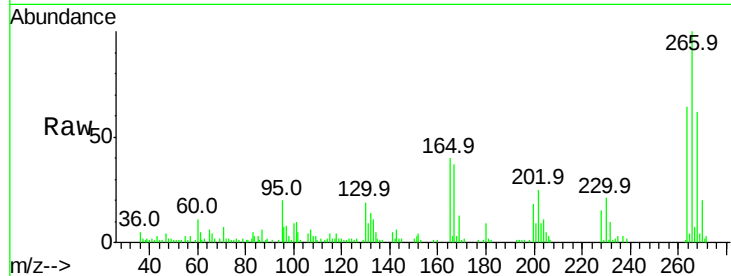




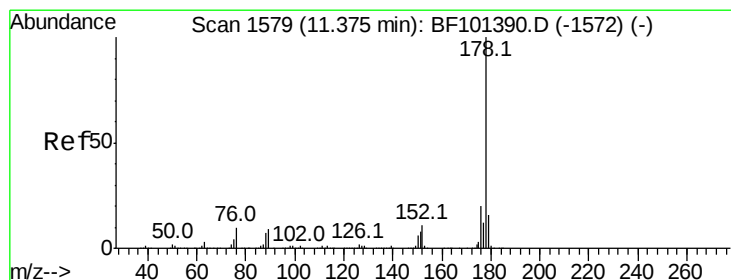
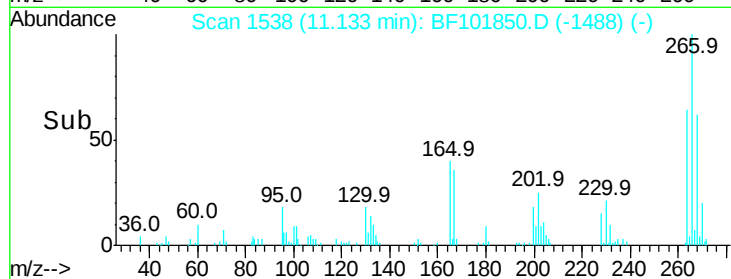
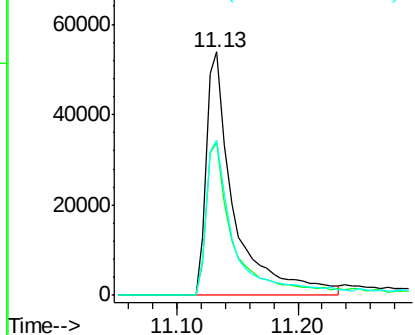
#69
 Pentachlorophenol
 Concen: 56.025 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	63.7	49.5	74.3

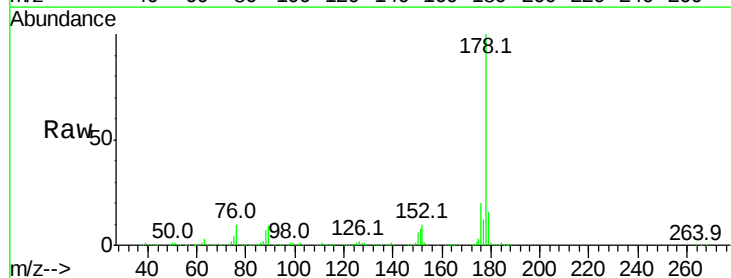


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

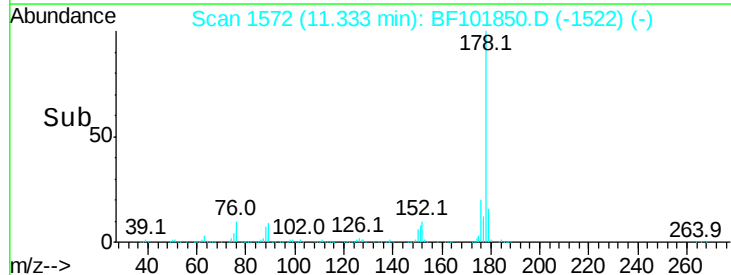
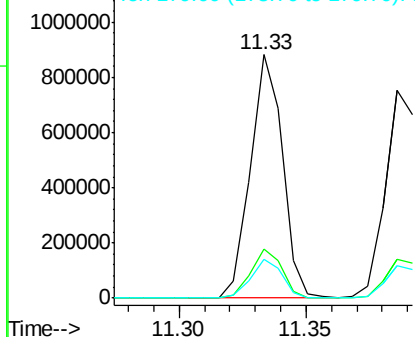


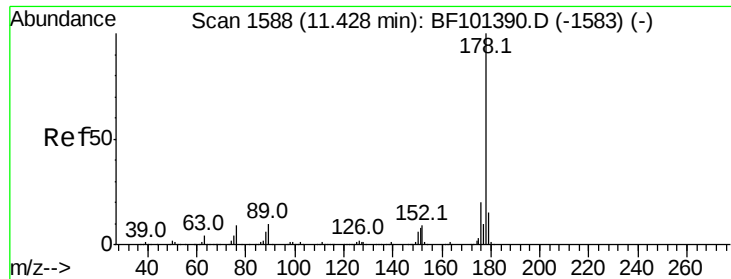
#70
 Phenanthrene
 Concen: 40.686 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	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

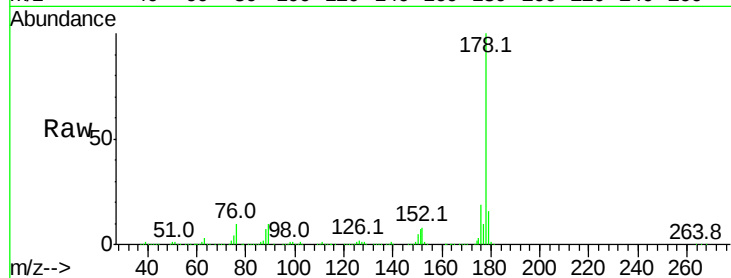




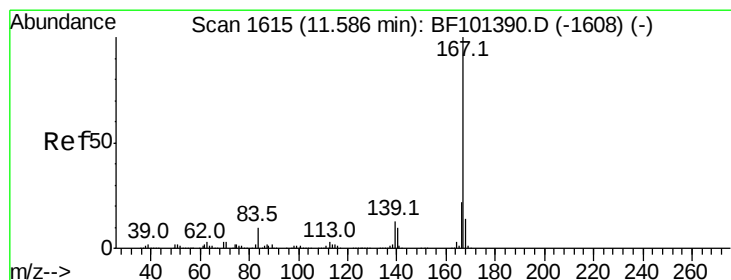
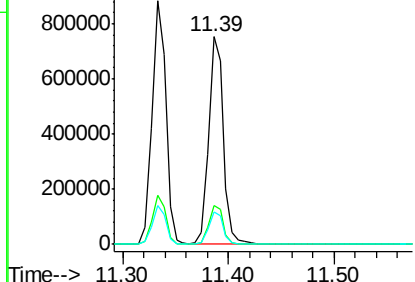
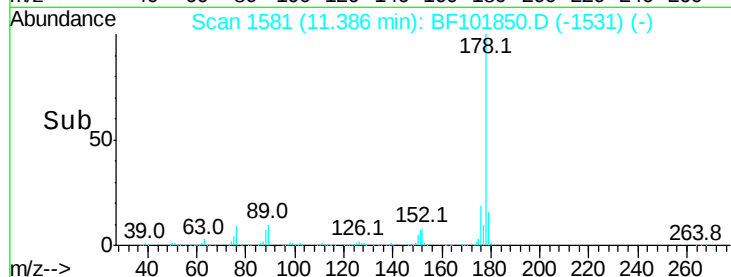
#71
 Anthracene
 Concen: 37.478 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 734619
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0

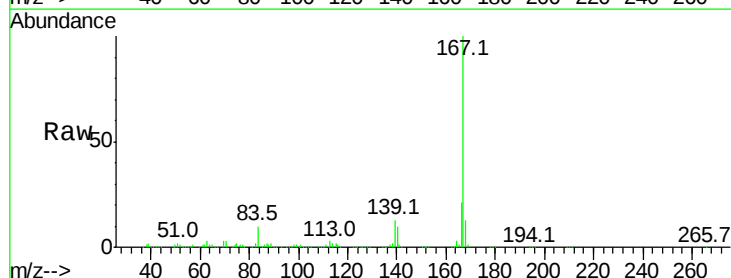


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

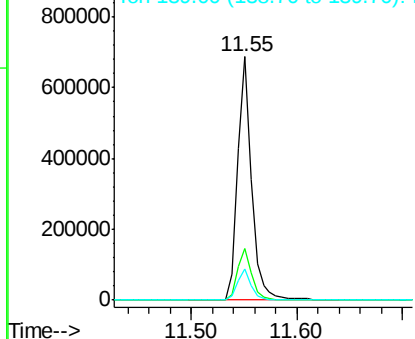
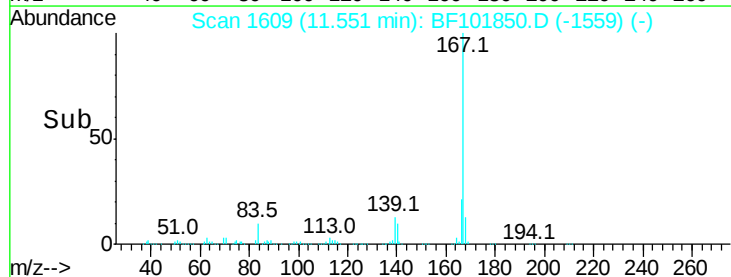


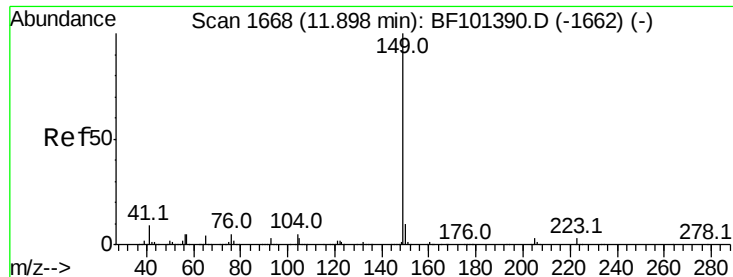
#72
 Carbazole
 Concen: 33.462 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Tgt Ion:167 Resp: 614088
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.154 ng

RT: 11.86 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

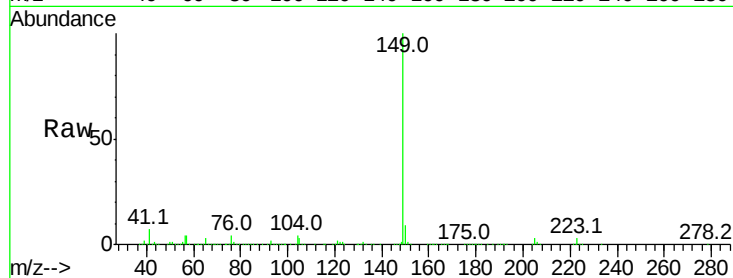
Tot Ion:149 Resp: 827581

Ion Ratio Lower Upper

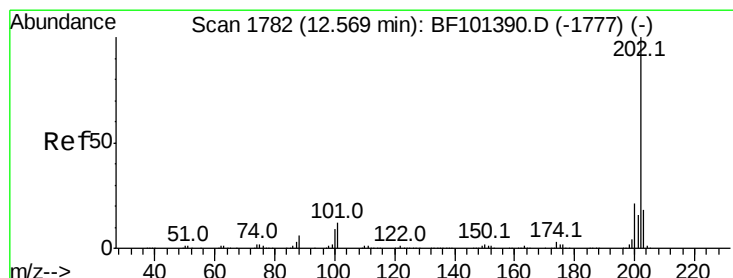
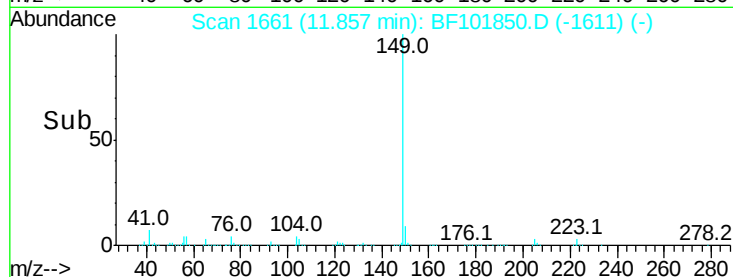
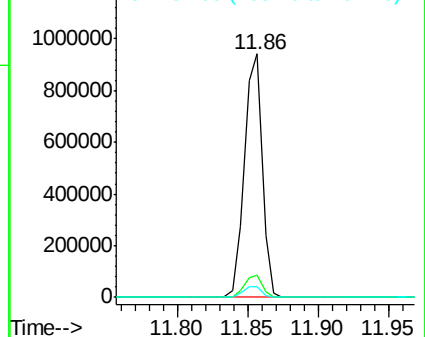
149 100

150 9.0 7.8 11.6

104 4.3 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: 39.497 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

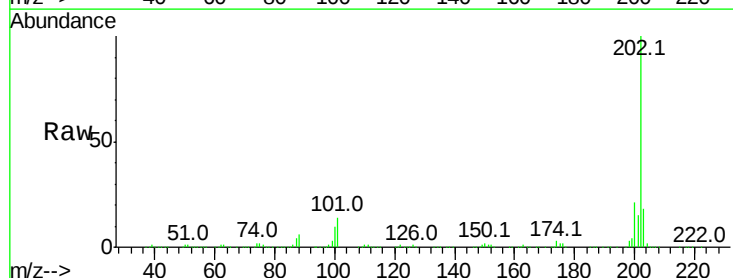
Tgt Ion:202 Resp: 795548

Ion Ratio Lower Upper

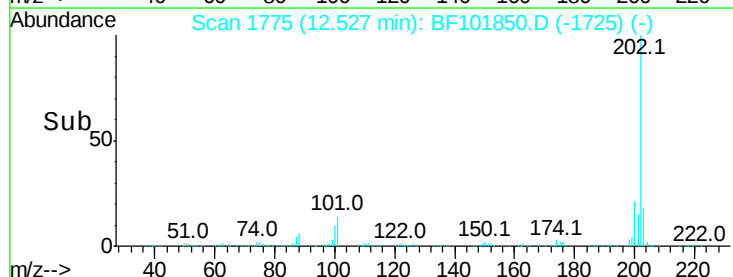
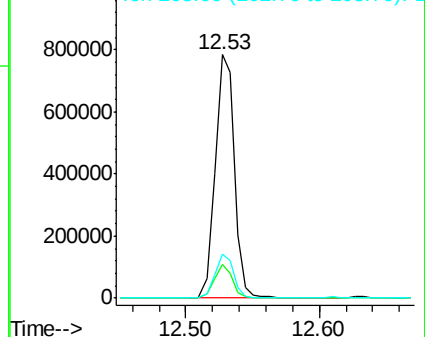
202 100

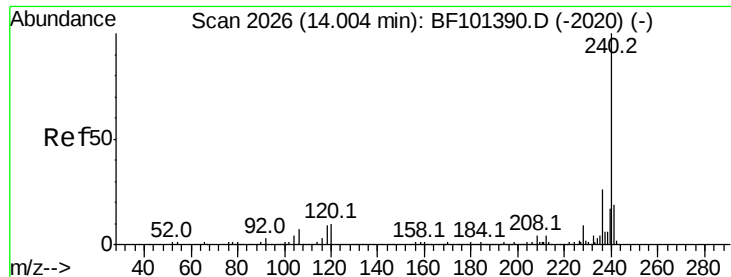
101 14.1 0.0 34.1

203 18.3 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: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

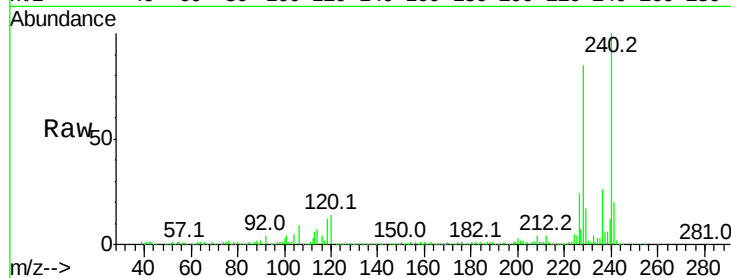
Tot Ion:240 Resp: 247672

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

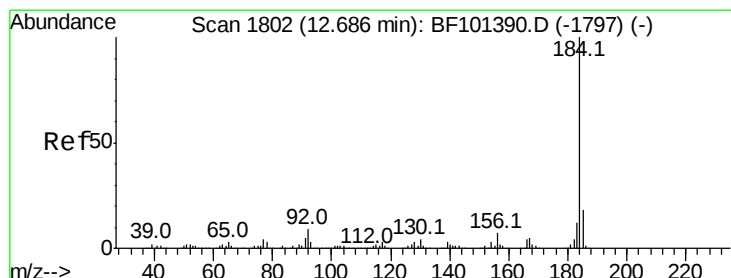
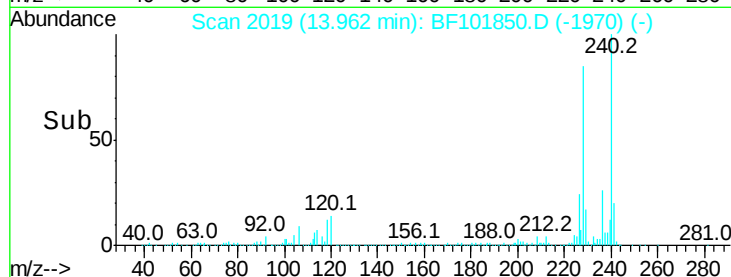
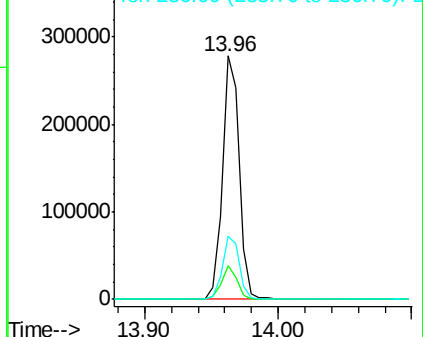
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.892 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

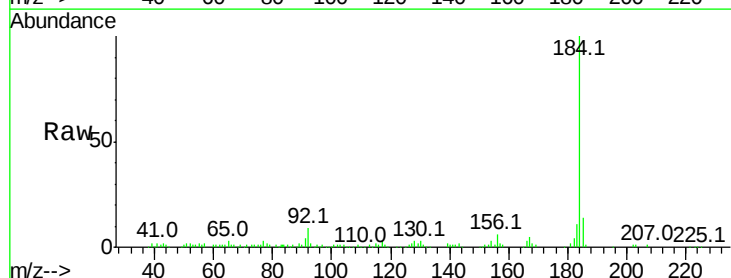
Tgt Ion:184 Resp: 134858

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

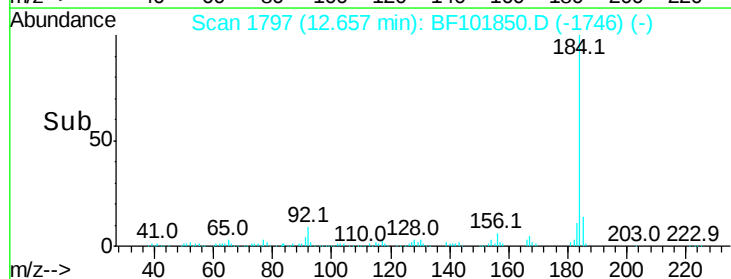
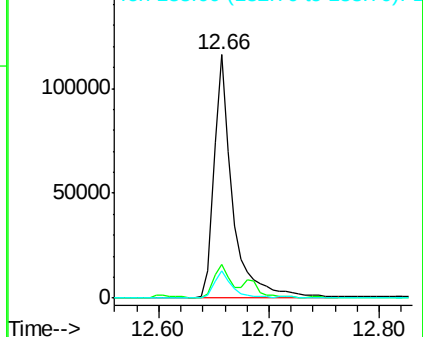
183 11.3 9.3 13.9

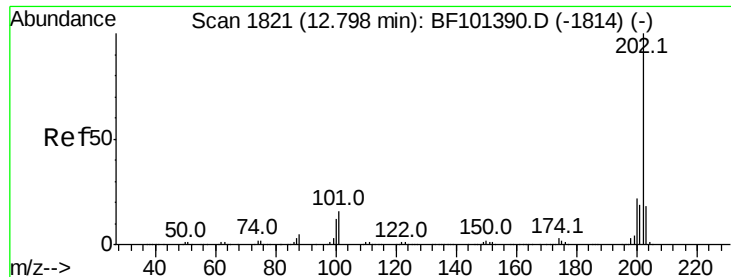


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.967 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

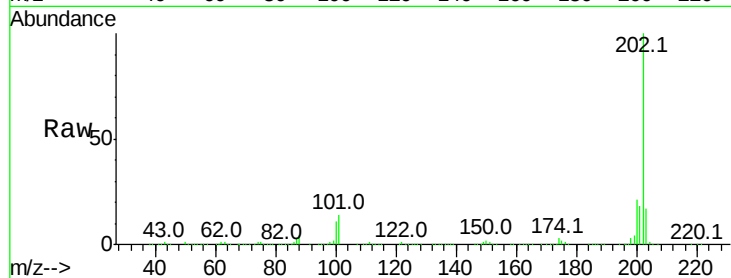
Tot Ion:202 Resp: 780068

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

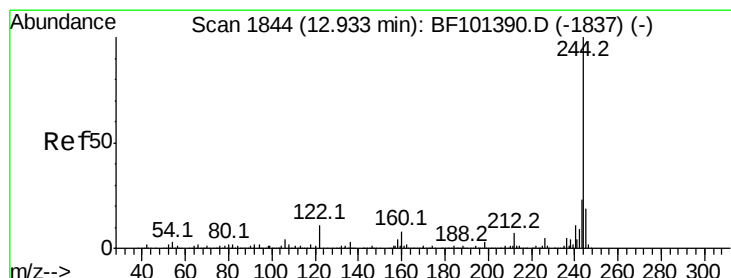
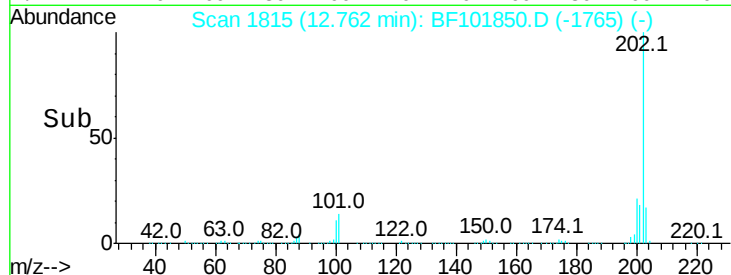
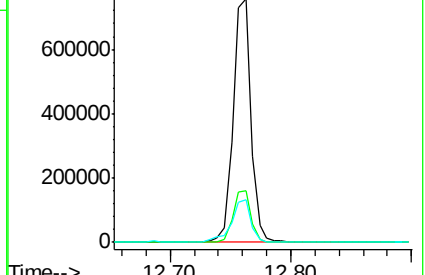
203 17.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.562 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

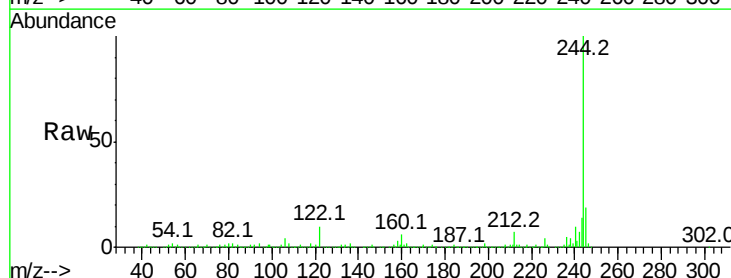
Tgt Ion:244 Resp: 879027

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

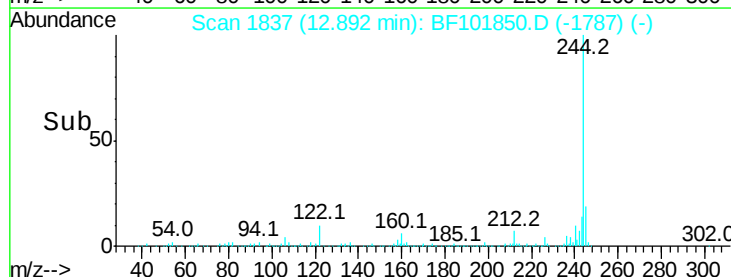
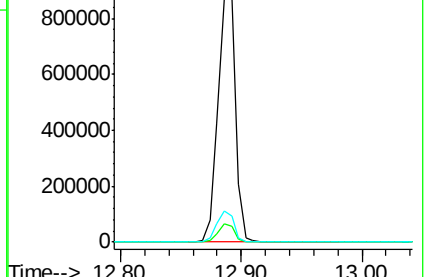
122 10.5 11.0 16.4#

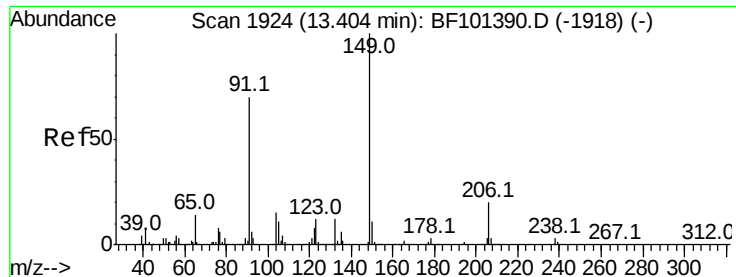


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

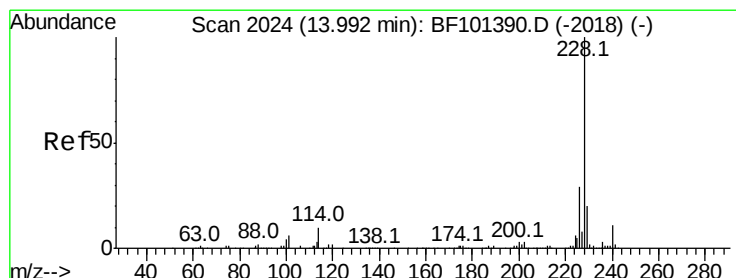
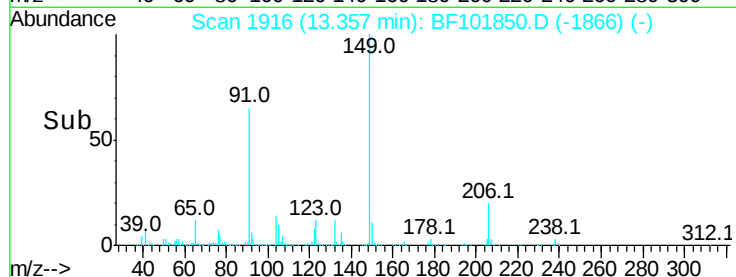
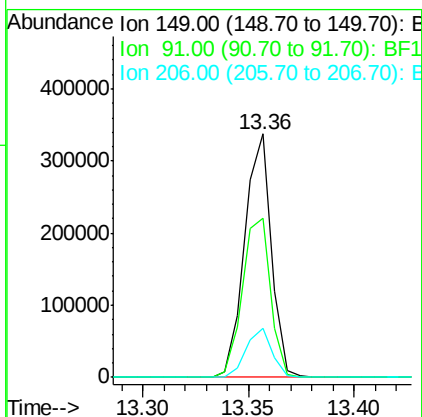
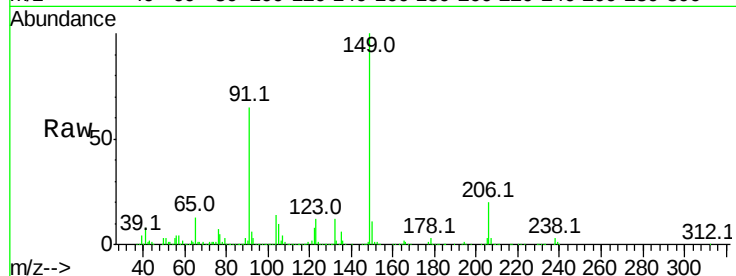




#79
Butylbenzylphthalate
Concen: 35.210 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

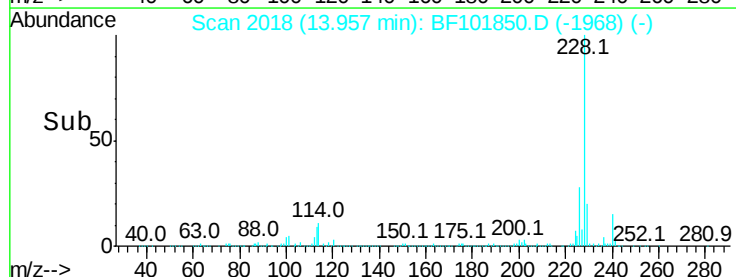
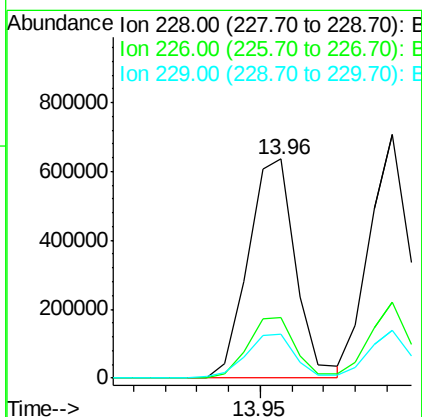
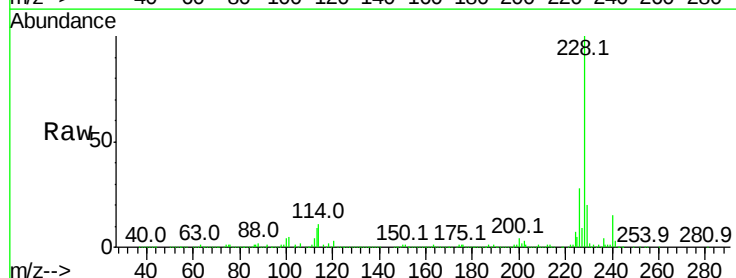
Instrument :
BNA_F
ClientSampleId :

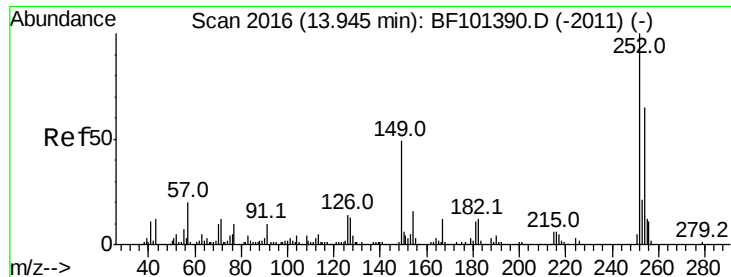
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	56.8	85.2
206	19.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.360 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6

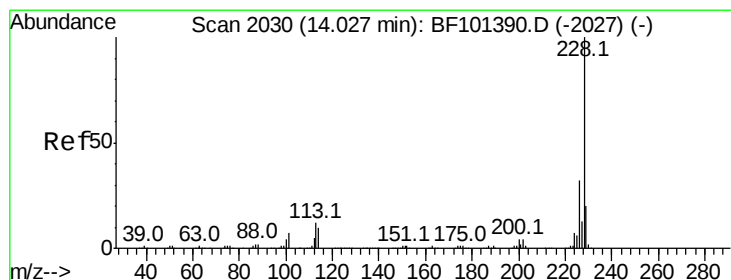
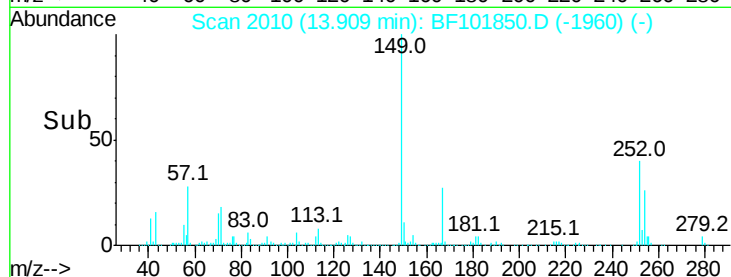
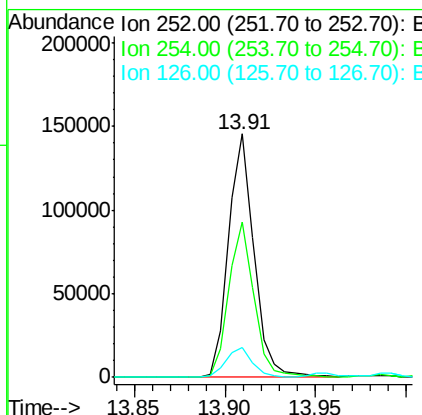
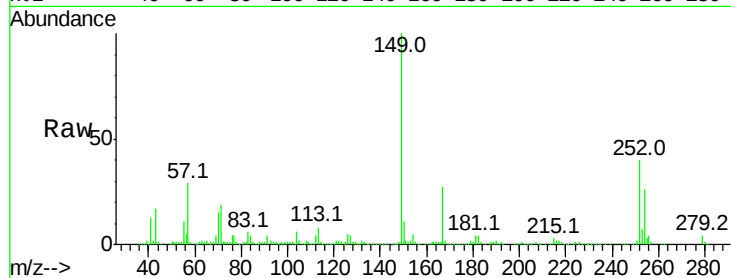




#81
 3,3'-Dichlorobenzidine
 Concen: 26.998 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

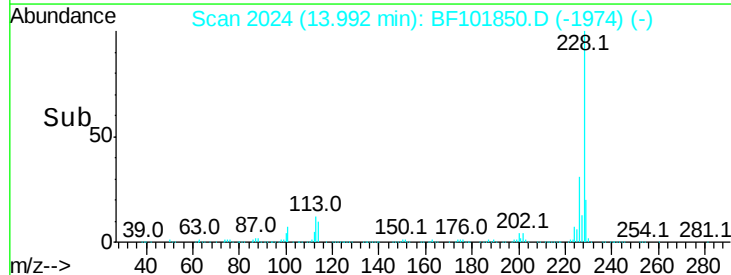
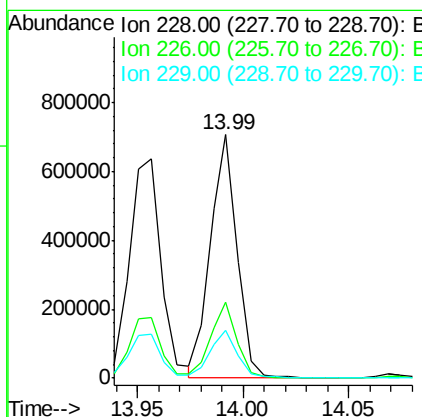
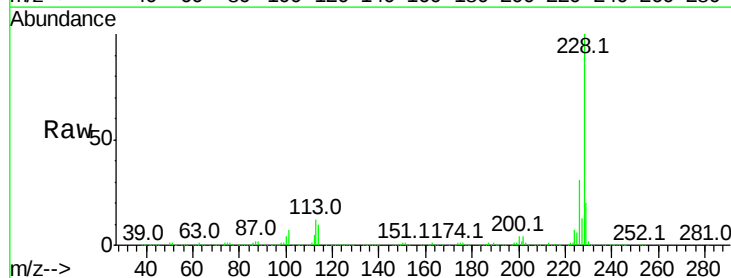
Instrument :
 BNA_F
 ClientSampleId :

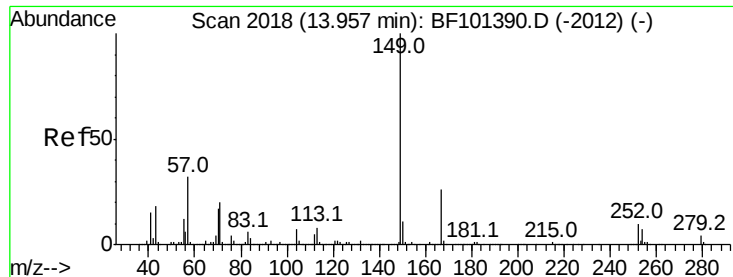
Tot Ion:252 Resp: 143969
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 12.1 11.3 16.9



#82
 Chrysene
 Concen: 39.935 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Tgt Ion:228 Resp: 616656
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.120 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

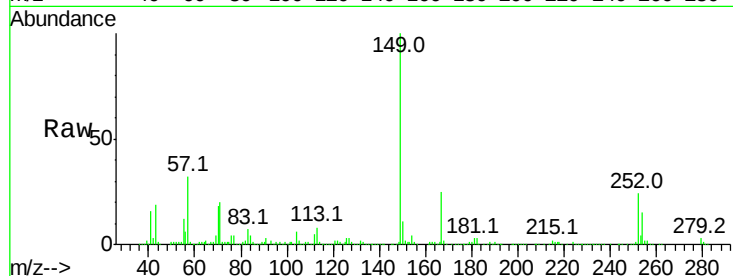
Tot Ion:149 Resp: 395438

Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

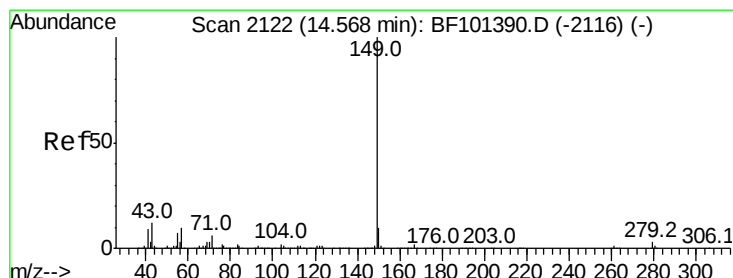
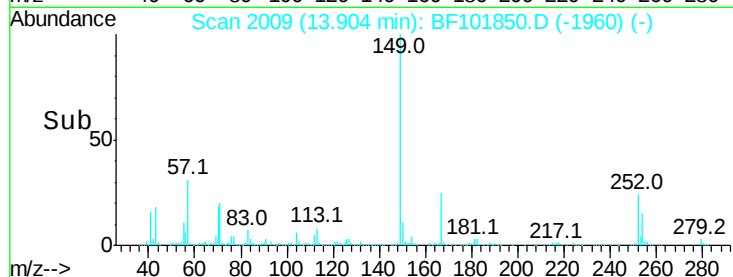
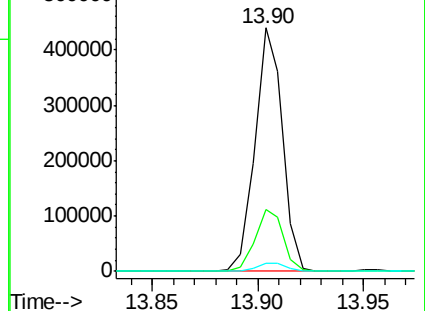
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.125 ng

RT: 14.52 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

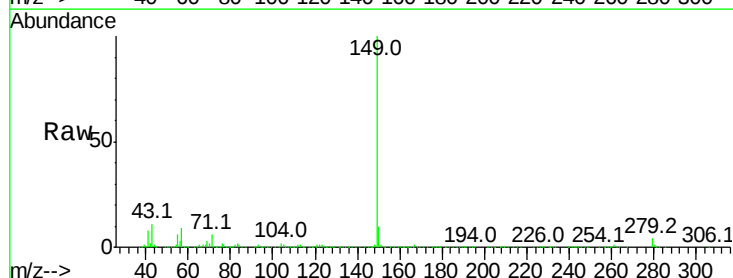
Tgt Ion:149 Resp: 724318

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

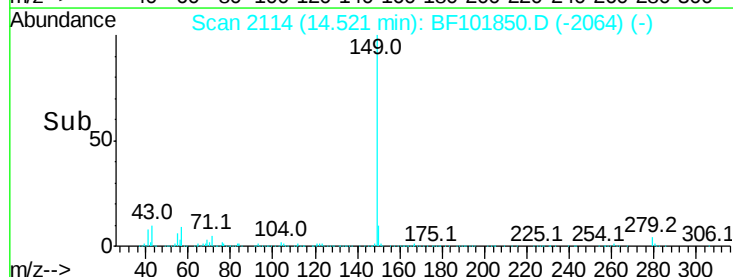
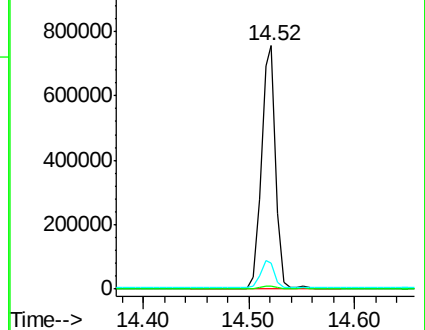
43 10.9 8.4 12.6

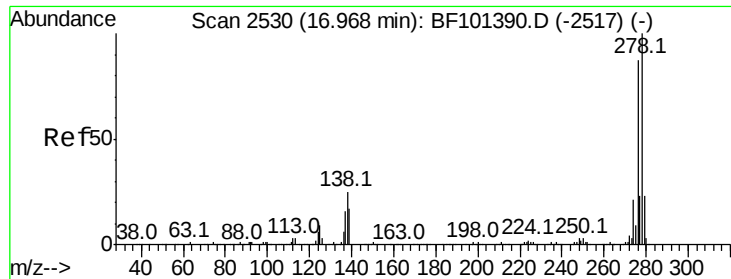


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

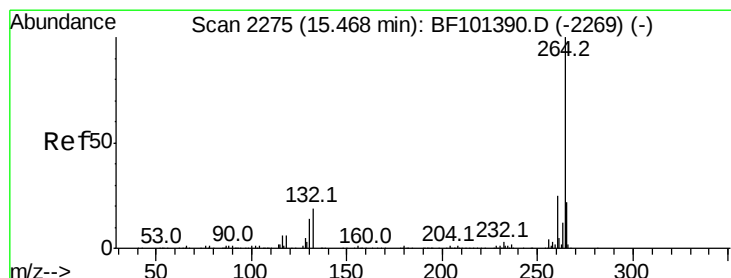
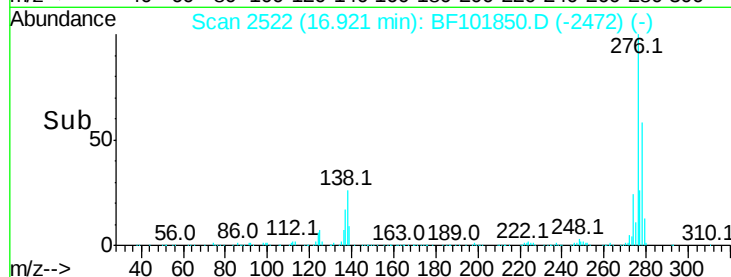
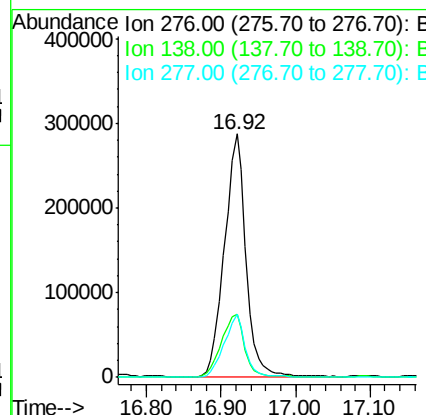
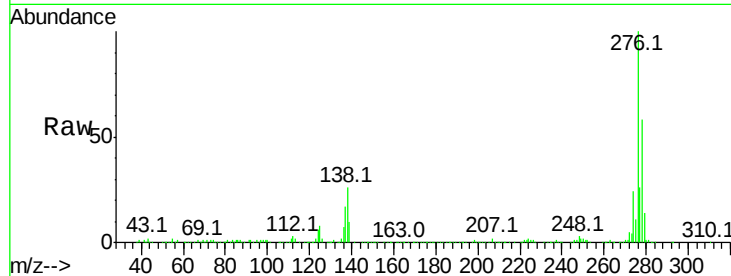




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.973 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

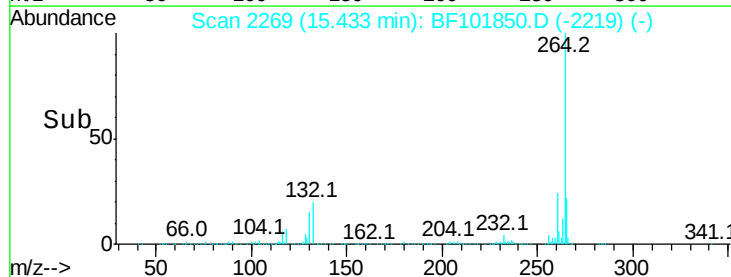
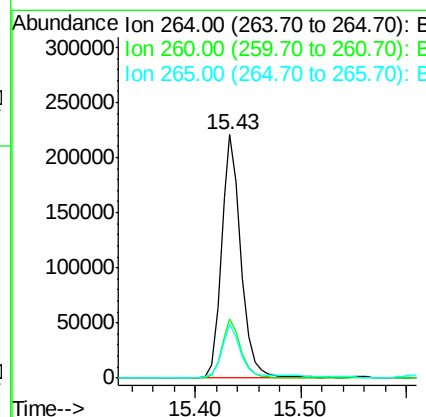
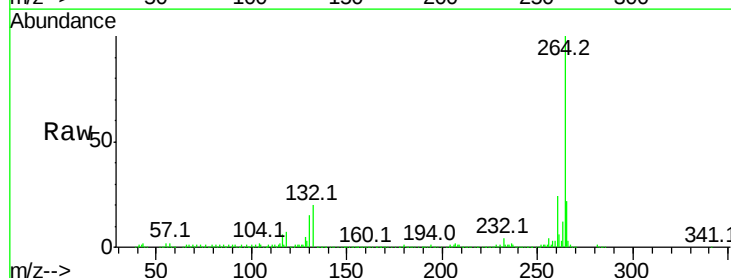
Instrument :
 BNA_F
 ClientSampleId :

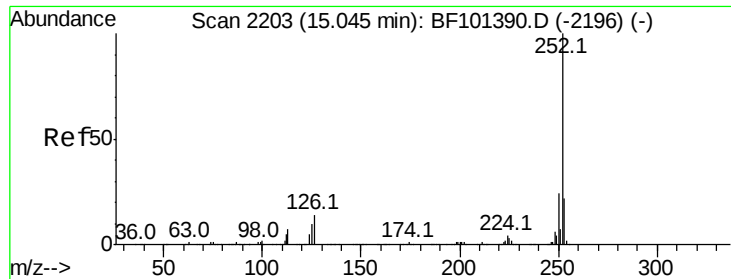
Tot Ion:276 Resp: 577145
 Ion Ratio Lower Upper
 276 100
 138 27.7 25.0 37.6
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Tgt Ion:264 Resp: 285329
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.0 17.5 26.3

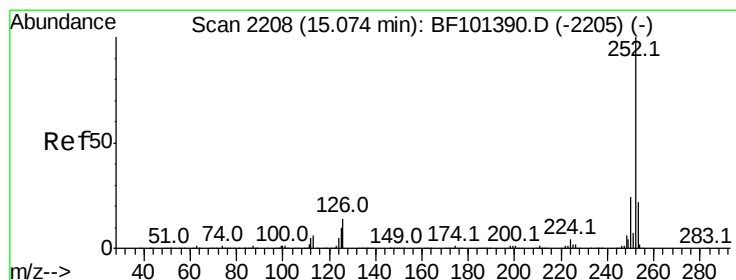
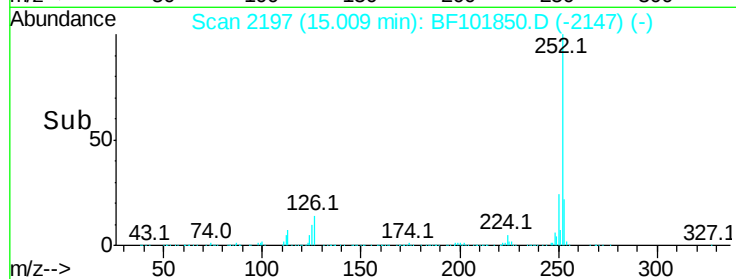
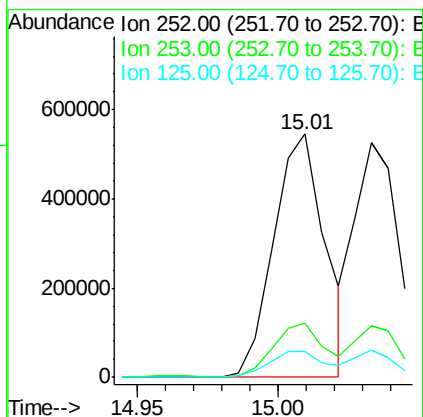
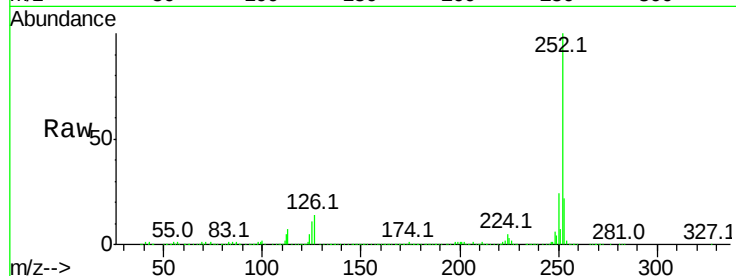




#87
Benzo(b)fluoranthene
Concen: 39.393 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

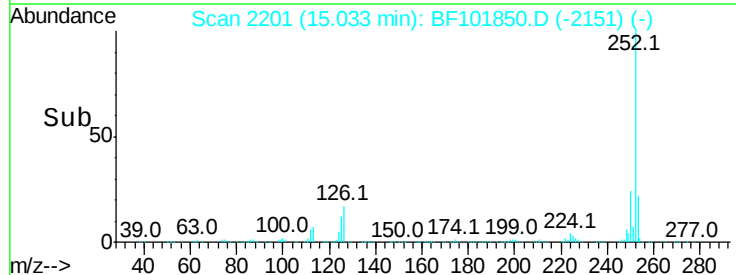
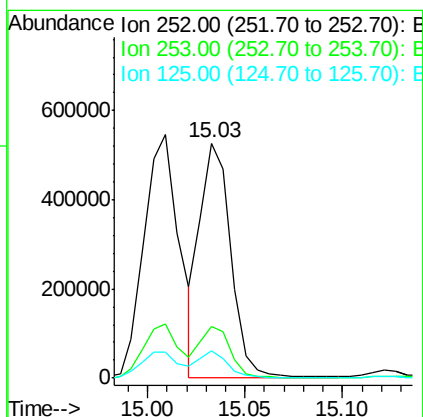
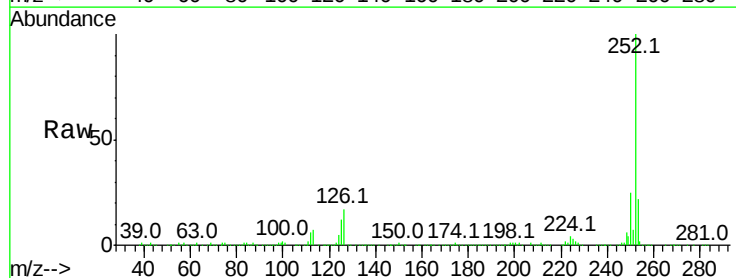
Instrument :
BNA_F
ClientSampleId :

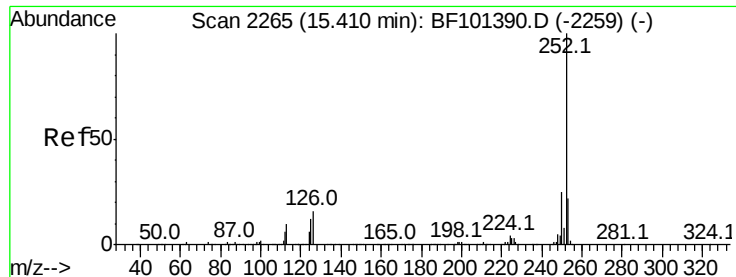
Tot Ion:252 Resp: 685107
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 10.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.258 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101850.D
Acq: 2 Jan 2018 14:50

Tgt Ion:252 Resp: 579279
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.478 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

Instrument :

BNA_F

ClientSampleId :

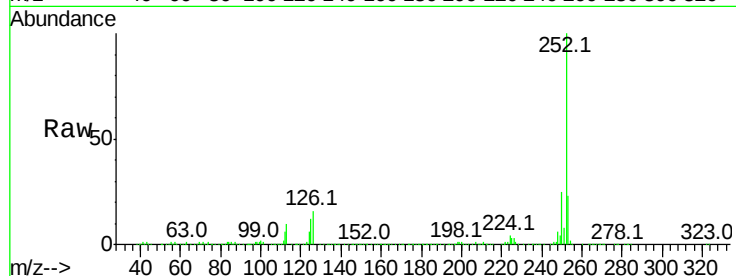
Tot Ion:252 Resp: 616903

Ion Ratio Lower Upper

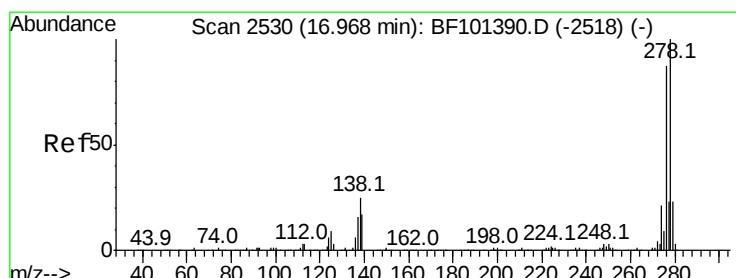
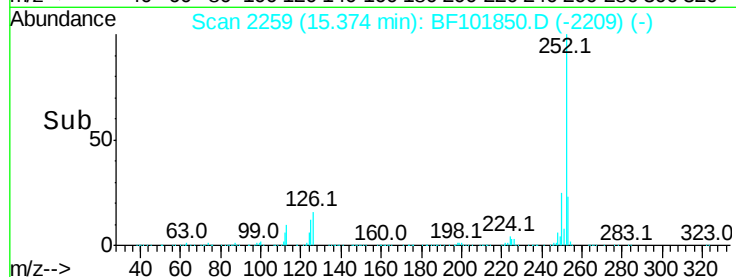
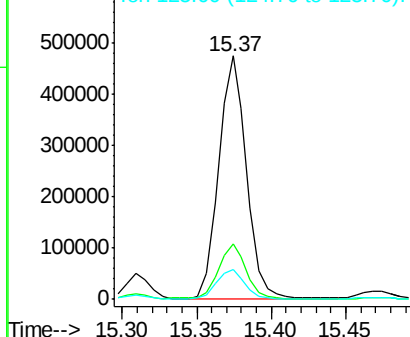
252 100

253 22.8 17.1 25.7

125 12.3 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: 34.263 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BF101850.D

Acq: 2 Jan 2018 14:50

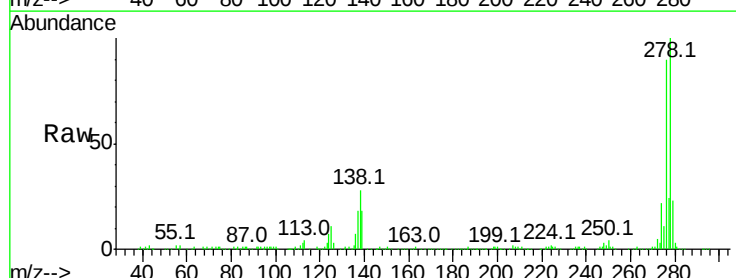
Tgt Ion:278 Resp: 471632

Ion Ratio Lower Upper

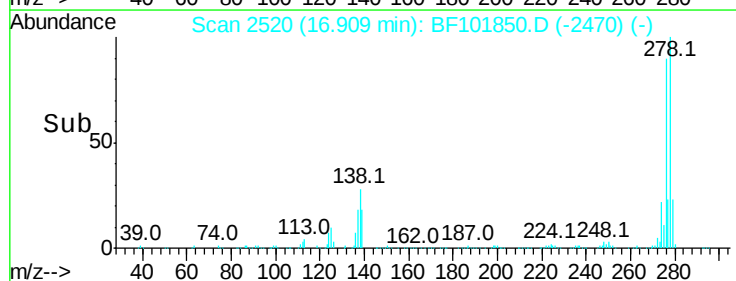
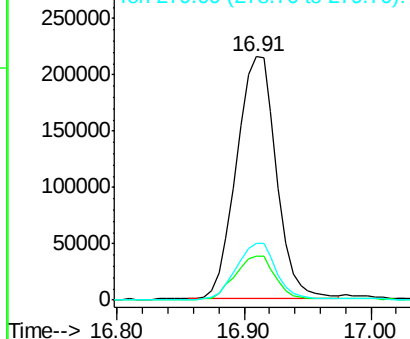
278 100

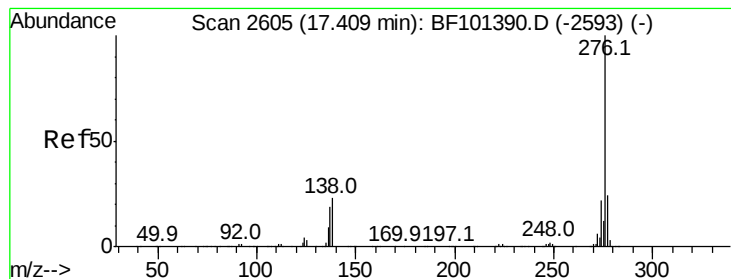
139 18.1 15.9 23.9

279 23.3 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: 34.817 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BF101850.D
 Acq: 2 Jan 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 474571
 Ion Ratio Lower Upper
 276 100
 277 23.9 17.9 26.9
 138 23.4 21.8 32.8

