

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100161.D
 Acq On : 4 Nov 2017 4:27
 Operator : SJ/JU
 Sample : I6160-08MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 05:48:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108314	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	441589	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	192885	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	313356	20.00	ng	0.00
75) Chrysene-d12	13.95	240	170767	20.00	ng	0.00
86) Perylene-d12	15.41	264	178466	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	302920	43.91	ng	0.00
7) Phenol-d6	6.42	99	222415	27.19	ng	0.00
23) Nitrobenzene-d5	7.35	82	440241	64.18	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	153734	87.46	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	865454	69.23	ng	0.00
78) Terphenyl-d14	12.88	244	610335	78.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	34132	11.203	ng	87
3) Pyridine	3.39	79	30402	4.150	ng	# 85
4) n-Nitrosodimethylamine	3.27	42	24298	9.283	ng	# 75
6) Aniline	6.44	93	151866	14.318	ng	# 90
8) 2-Chlorophenol	6.56	128	194424	26.441	ng	89
9) Benzaldehyde	6.33	77	98912	20.234	ng	91
10) Phenol	6.44	94	92079	10.252	ng	# 1
11) bis(2-Chloroethyl)ether	6.50	93	215274	31.038	ng	95
12) 1,3-Dichlorobenzene	6.79	146	246047	29.802	ng	95
13) 1,4-Dichlorobenzene	6.79	146	246047	29.364	ng	97
14) 1,2-Dichlorobenzene	6.94	146	225179	29.486	ng	96
15) Benzyl Alcohol	6.93	79	106653	20.501	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	270353	35.090	ng	54
17) 2-Methylphenol	7.05	107	125640	20.427	ng	# 83
18) Hexachloroethane	7.27	117	75227	26.910	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	148875	31.055	ng	91
20) 3+4-Methylphenols	7.20	107	151406	21.141	ng	# 80
22) Acetophenone	7.19	105	315948	31.423	ng	# 91
24) Nitrobenzene	7.36	77	221510	32.051	ng	90
25) Isophorone	7.60	82	420042	33.748	ng	96
26) 2-Nitrophenol	7.68	139	127167	32.126	ng	# 82
27) 2,4-Dimethylphenol	7.72	122	183578	31.476	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	278060	31.900	ng	100
29) 2,4-Dichlorophenol	7.93	162	191206	31.559	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	192596	29.751	ng	99
31) Naphthalene	8.07	128	653573	30.661	ng	99
32) Benzoic acid	7.85	122	31032	6.045	ng	99
33) 4-Chloroaniline	8.14	127	184116	20.917	ng	# 92
34) Hexachlorobutadiene	8.18	225	94556	28.397	ng	97
35) Caprolactam	8.52	113	9060	4.755	ng	# 74
36) 4-Chloro-3-methylphenol	8.62	107	174270	28.181	ng	97
37) 2-Methylnaphthalene	8.76	142	455033	31.855	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	190143	30.522	ng	# 98
40) Hexachlorocyclopentadiene	8.90	237	9149	18.414	ng	95

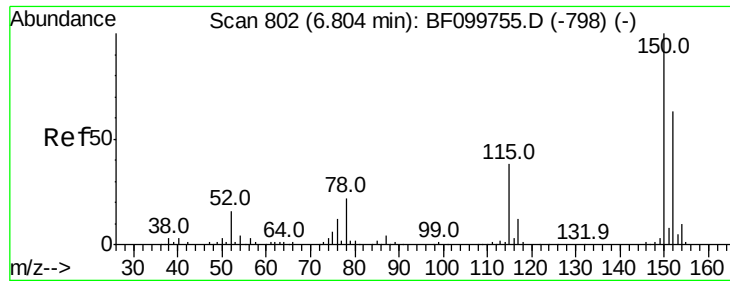
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100161.D
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	122834	32.597	nq	98
43) 2,4,5-Trichlorophenol	9.11	196	122676	30.678	nq #	92
45) 1,1'-Biphenyl	9.23	154	536754	30.761	nq	99
46) 2-Chloronaphthalene	9.26	162	419740	33.123	nq	96
47) 2-Nitroaniline	9.37	65	108528	32.631	nq	85
48) Acenaphthylene	9.67	152	606187	31.058	nq	100
49) Dimethylphthalate	9.53	163	485463	31.782	nq	100
50) 2,6-Dinitrotoluene	9.61	165	106916	33.295	nq #	87
51) Acenaphthene	9.84	154	369365	30.972	nq	99
52) 3-Nitroaniline	9.79	138	91949	24.302	nq #	86
53) 2,4-Dinitrophenol	9.92	184	36590	32.543	nq #	85
54) Dibenzofuran	10.02	168	555366	32.990	nq	97
55) 4-Nitrophenol	10.02	139	225401	114.014	nq #	12
56) 2,4-Dinitrotoluene	10.03	165	140568	36.349	nq #	74
57) Fluorene	10.36	166	439321	31.519	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	90502	32.280	nq	89
59) Diethylphthalate	10.23	149	467103	31.314	nq	96
60) 4-Chlorophenyl-phenylether	10.35	204	207731	31.668	nq	93
61) 4-Nitroaniline	10.40	138	98385	27.254	nq	83
62) Azobenzene	10.50	77	394245	31.529	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	31753	16.120	nq #	75
65) n-Nitrosodiphenylamine	10.47	169	376540	32.552	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	116823	35.413	nq	91
67) Hexachlorobenzene	10.91	284	112392	33.302	nq	92
68) Atrazine	11.00	200	121907	35.085	nq	99
69) Pentachlorophenol	11.12	266	69047	47.879	nq	99
70) Phenanthrene	11.32	178	579691	32.780	nq	98
71) Anthracene	11.38	178	594143	33.099	nq	97
72) Carbazole	11.54	167	527785	31.266	nq	99
73) Di-n-butylphthalate	11.84	149	706151	32.798	nq	99
74) Fluoranthene	12.52	202	498813	27.142	nq	99
77) Pyrene	12.74	202	488771	37.641	nq	99
79) Butylbenzylphthalate	13.34	149	230019	35.973	nq	91
80) Benzo(a)anthracene	13.94	228	346340	31.993	nq	98
81) 3,3'-Dichlorobenzidine	13.90	252	84599	21.529	nq #	96
82) Chrysene	13.97	228	337743	33.186	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	298907	33.288	nq	98
84) Di-n-octyl phthalate	14.51	149	469418	30.458	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.88	276	334497	35.802	nq	97
87) Benzo(b)fluoranthene	14.99	252	367723	32.631	nq	98
88) Benzo(k)fluoranthene	15.02	252	334037	31.434	nq	99
89) Benzo(a)pyrene	15.35	252	346285	34.208	nq #	97
90) Dibenzo(a,h)anthracene	16.87	278	288714	32.097	nq	98
91) Benzo(g,h,i)perylene	17.32	276	271325	30.832	nq	98

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

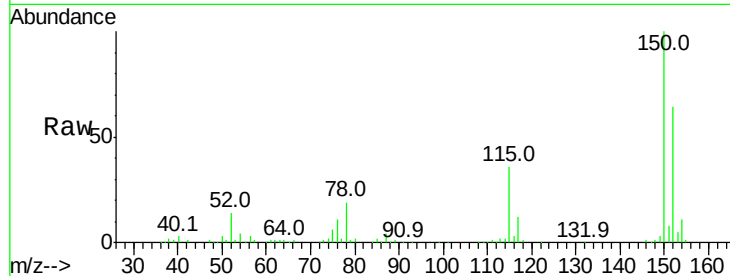


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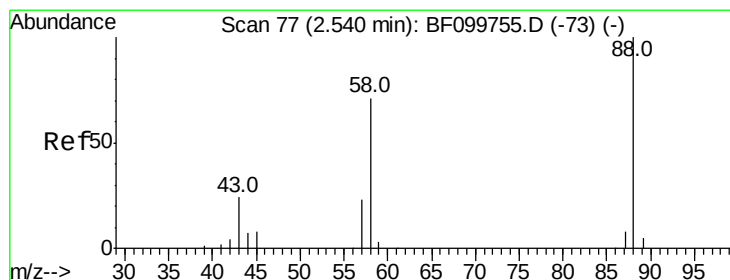
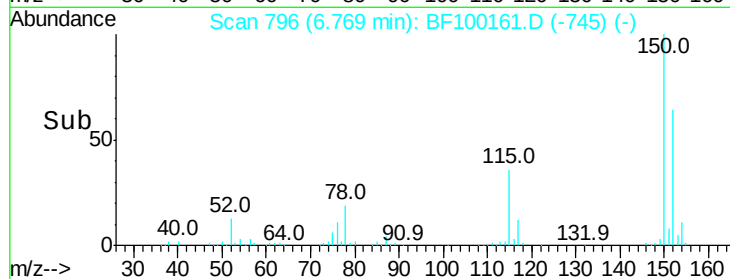
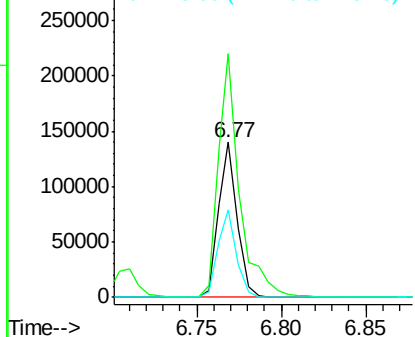
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108314
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 56.4 50.1 75.1



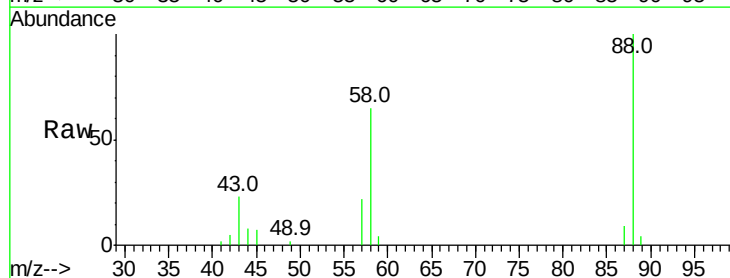
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



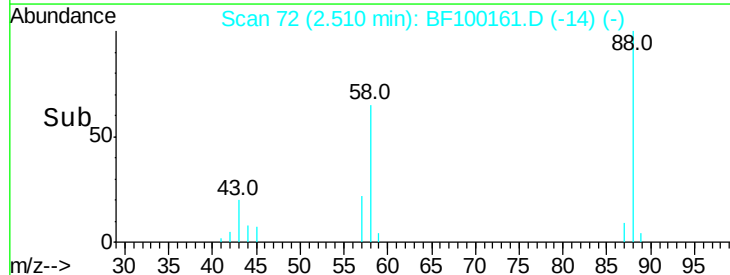
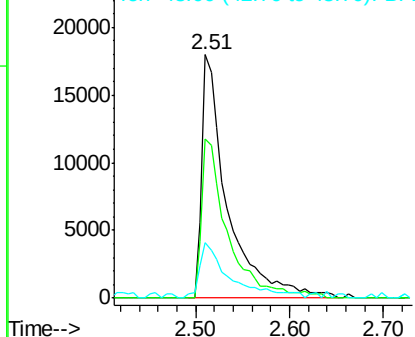
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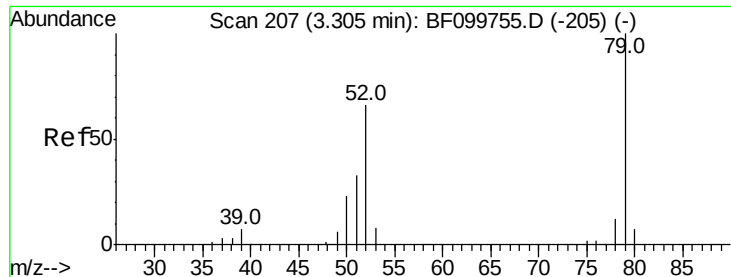
1,4-Dioxane
Concen: 11.203 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.04 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion: 88 Resp: 34132
Ion Ratio Lower Upper
88 100
58 65.1 62.6 93.8
43 27.0 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

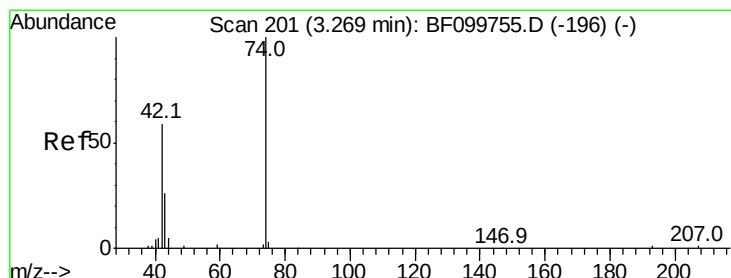
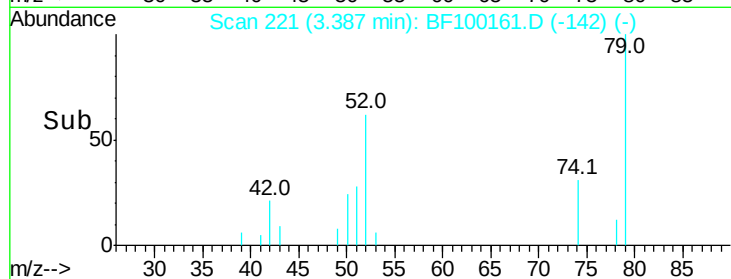
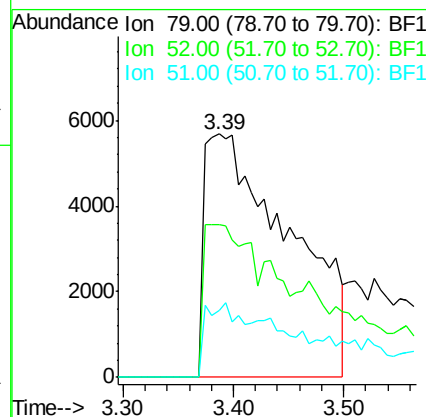
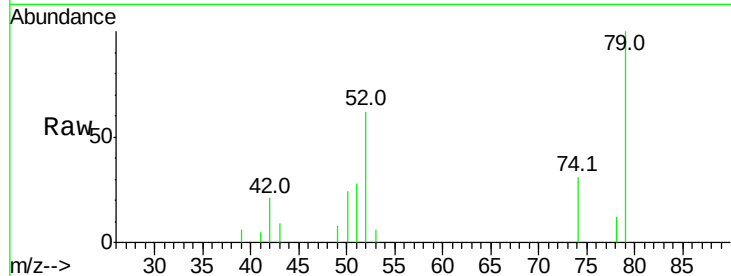




#3
 Pvridine
 Concen: 4.150 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.16 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

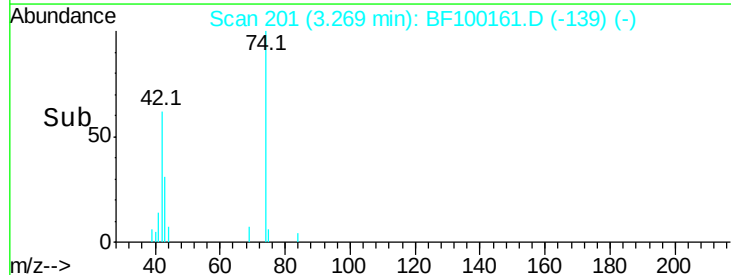
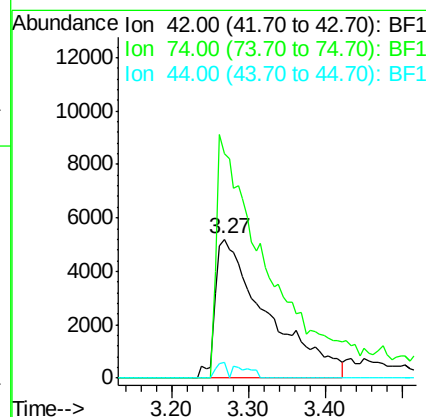
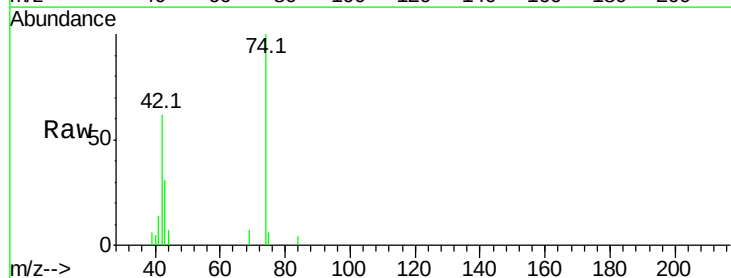
Instrument :
 BNA_F
 ClientSampleId :

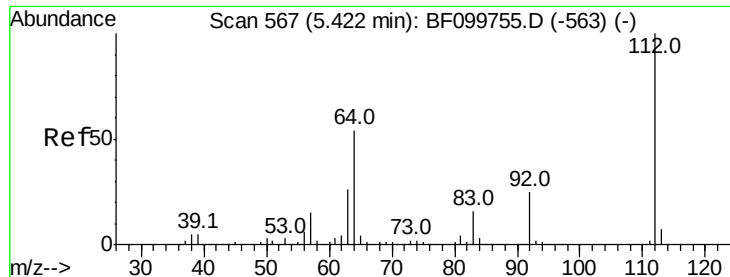
Tot Ion: 79 Resp: 30402
 Ion Ratio Lower Upper
 79 100
 52 62.5 59.8 89.6
 51 27.6 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 9.283 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.06 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion: 42 Resp: 24298
 Ion Ratio Lower Upper
 42 100
 74 162.2 104.9 157.3#
 44 11.2 6.9 10.3#





#5

2-Fluorophenol

Concen: 43.907 ng

RT: 5.40 min Scan# 563

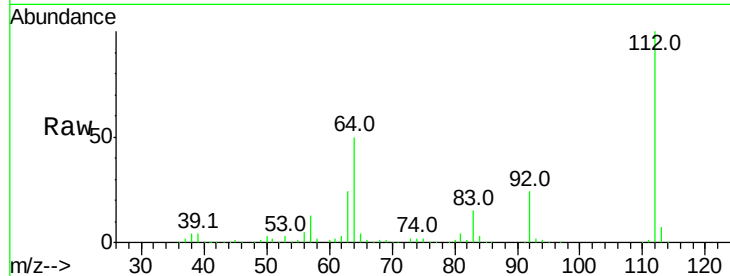
Delta R.T. 0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampled :

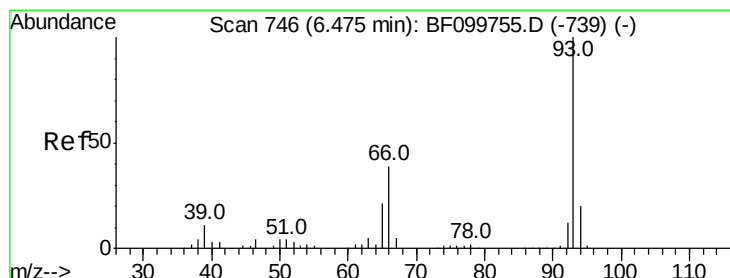
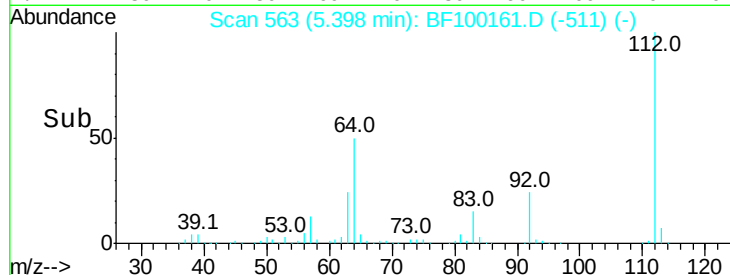
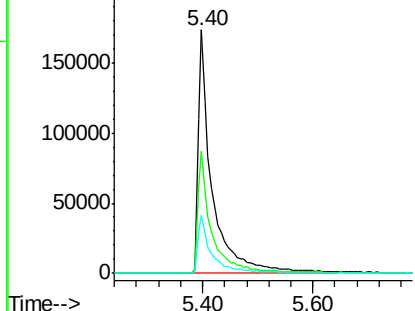
Tot Ion:	112	Resp:	302920
Ion	Ratio	Lower	Upper
112	100		
64	50.1	47.9	71.9
63	23.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.318 ng

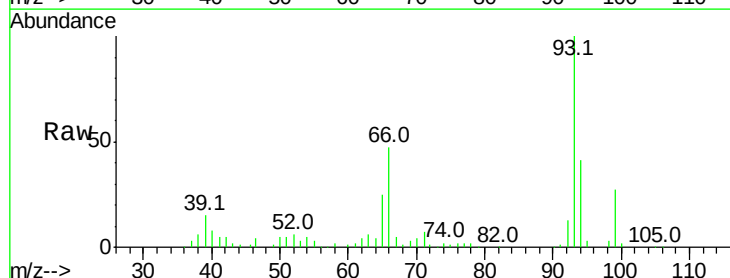
RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

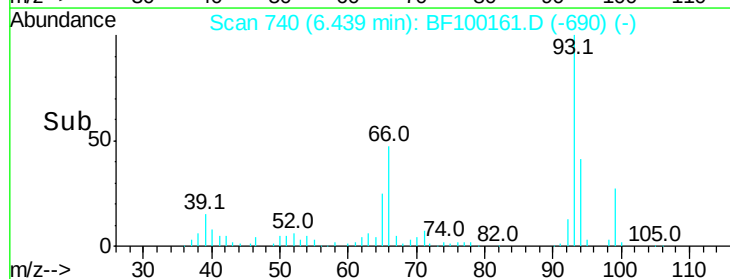
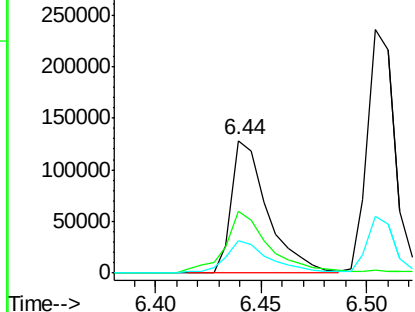
Tgt Ion:	93	Resp:	151866
Ion	Ratio	Lower	Upper
93	100		
66	46.7	32.2	48.2
65	24.8	16.4	24.6

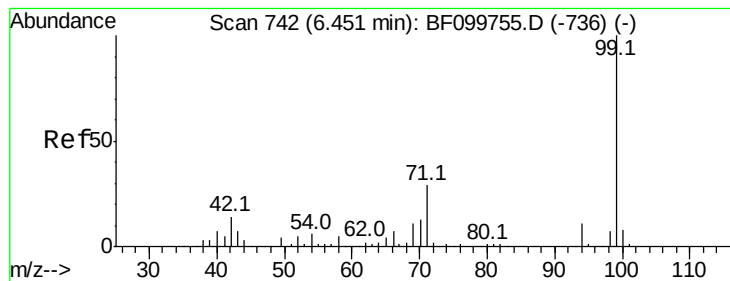


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 27.189 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampled :

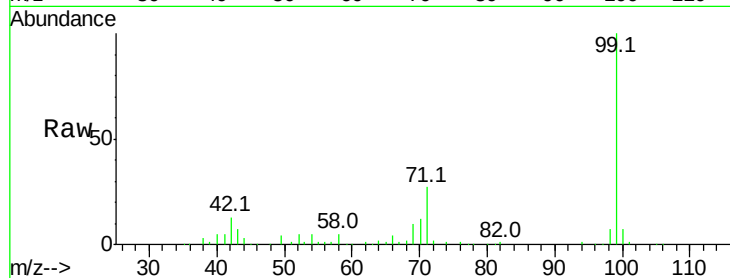
Tot Ion: 99 Resp: 222415

Ion Ratio Lower Upper

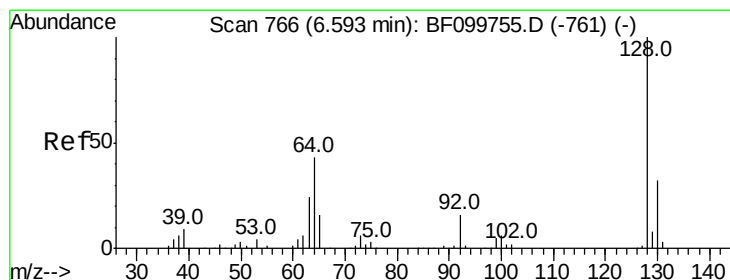
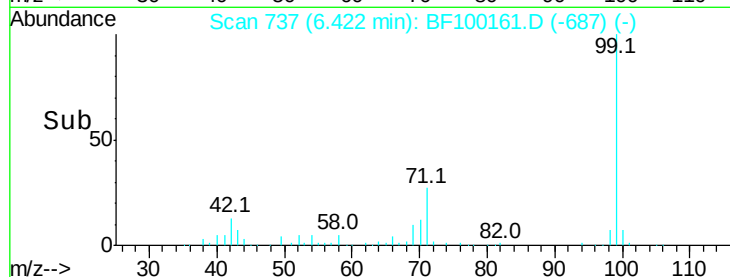
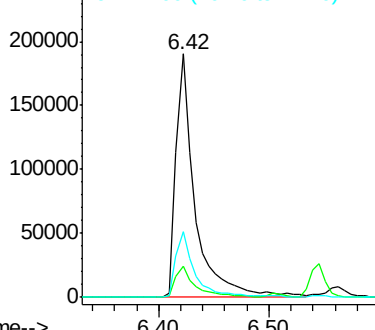
99 100

42 12.8 14.5 21.7#

71 27.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 26.441 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

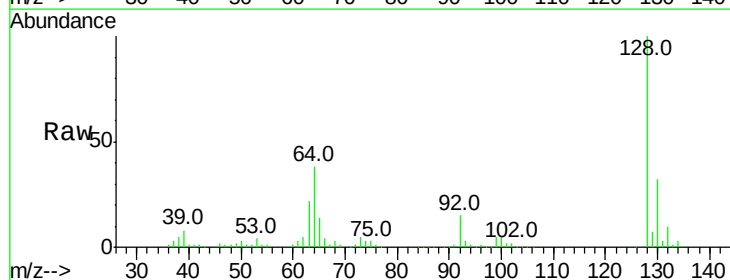
Tgt Ion: 128 Resp: 194424

Ion Ratio Lower Upper

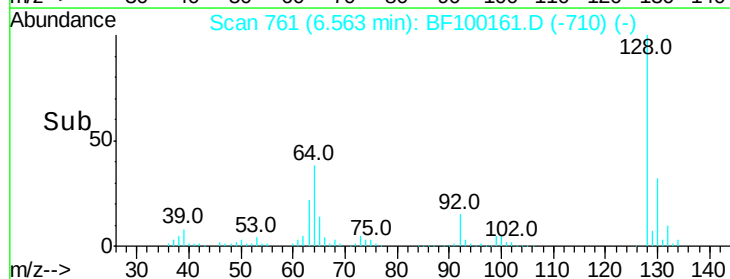
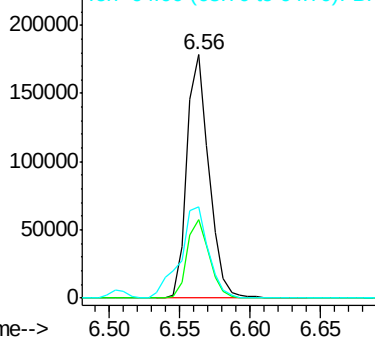
128 100

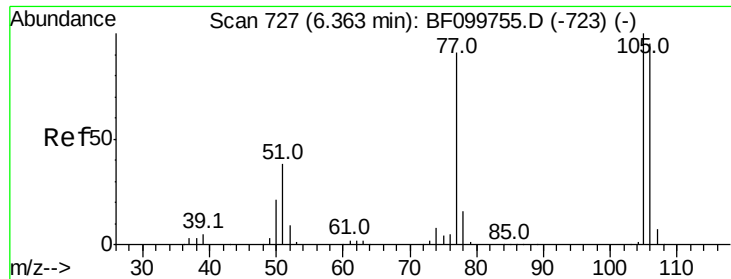
130 32.4 13.0 53.0

64 37.5 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

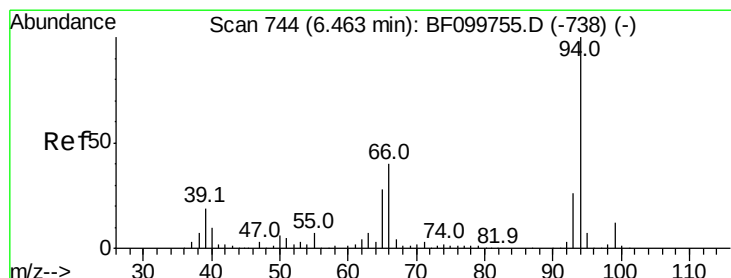
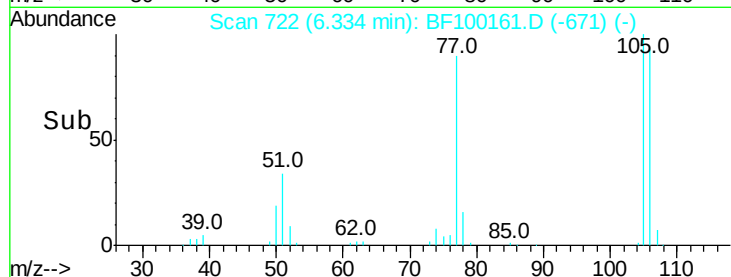
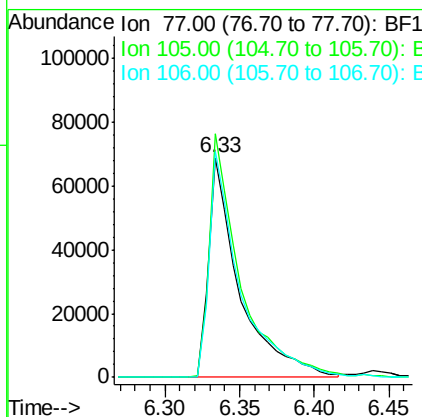
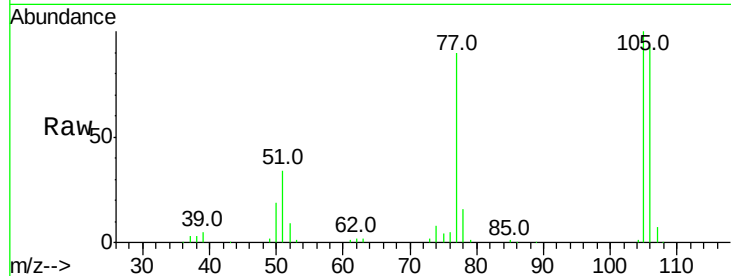




#9
Benzaldehyde
Concen: 20.234 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

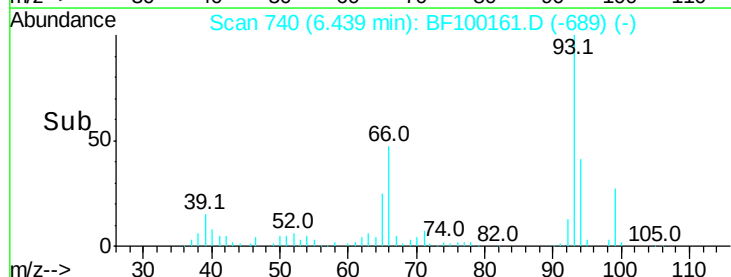
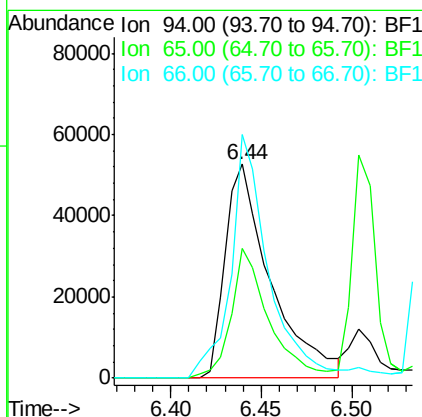
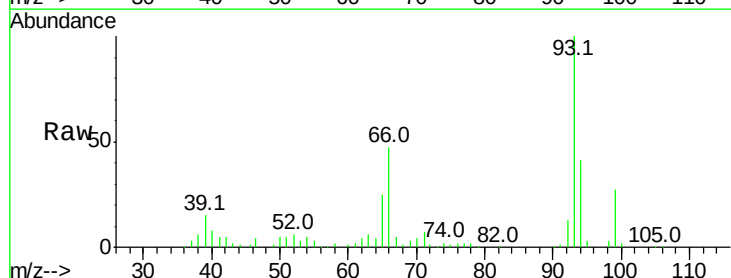
Instrument :
BNA_F
ClientSampled :

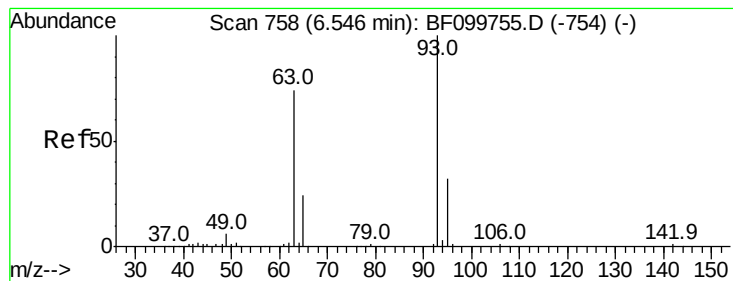
Tot Ion: 77 Resp: 98912
Ion Ratio Lower Upper
77 100
105 110.9 81.1 121.1
106 102.9 74.5 114.5



#10
Phenol
Concen: 10.252 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion: 94 Resp: 92079
Ion Ratio Lower Upper
94 100
65 60.6 7.9 47.9#
66 113.9 16.2 56.2#

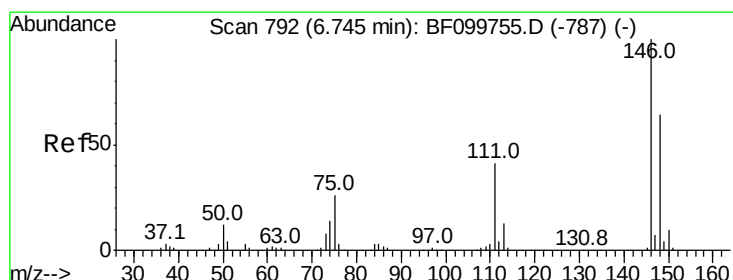
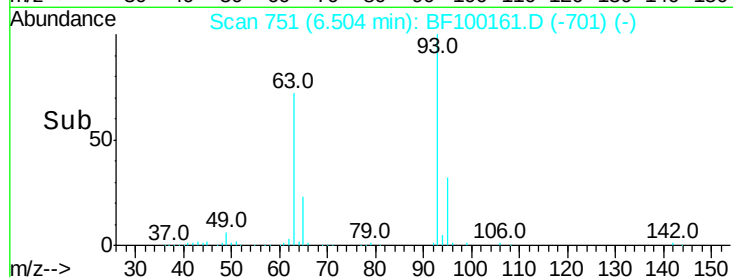
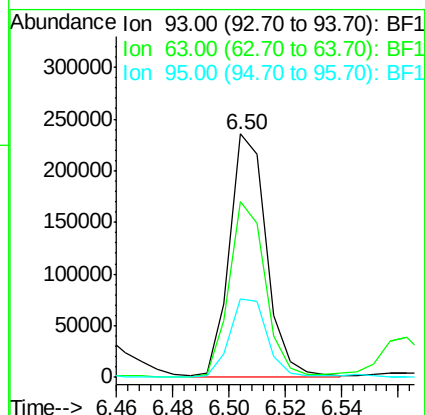
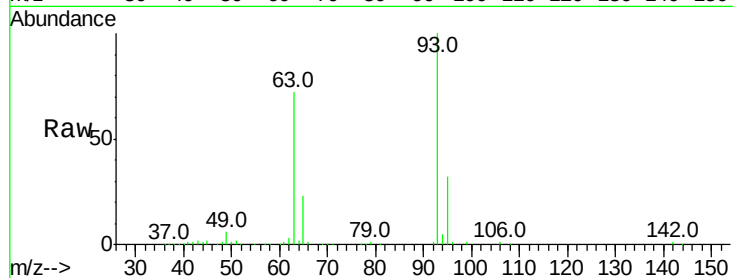




#11
bis(2-Chloroethyl)ether
Concen: 31.038 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

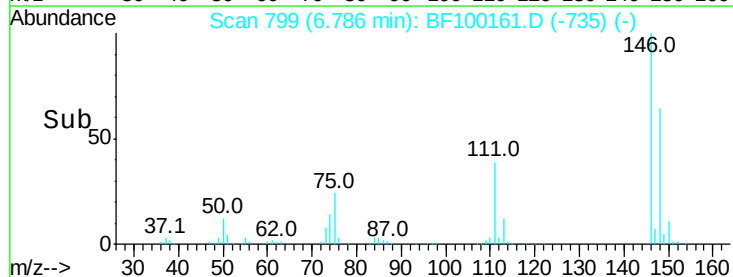
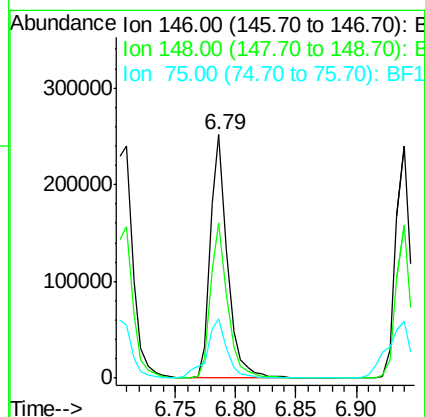
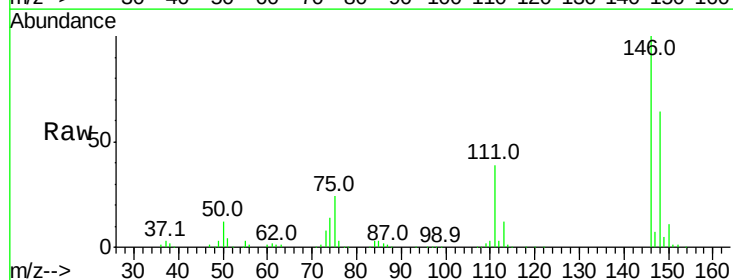
Instrument :
BNA_F
ClientSampleId :

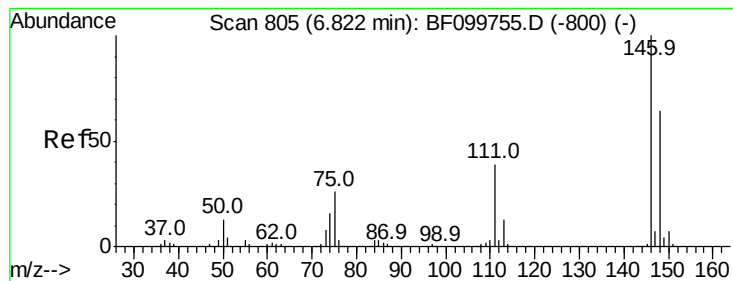
Tot Ion: 93 Resp: 215274
Ion Ratio Lower Upper
93 100
63 72.4 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 29.802 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.08 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion: 146 Resp: 246047
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 24.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 29.364 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

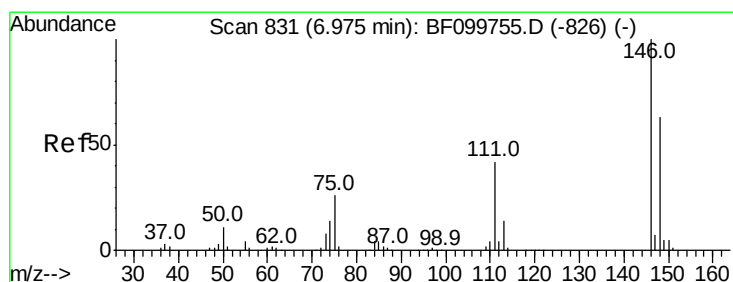
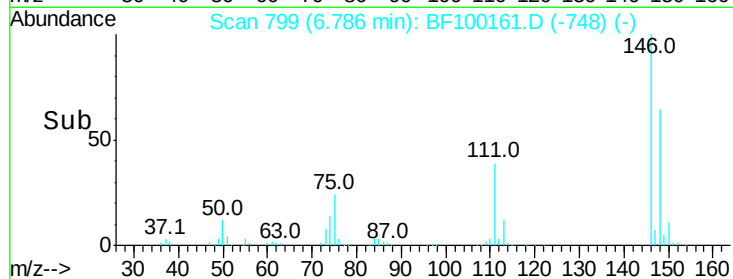
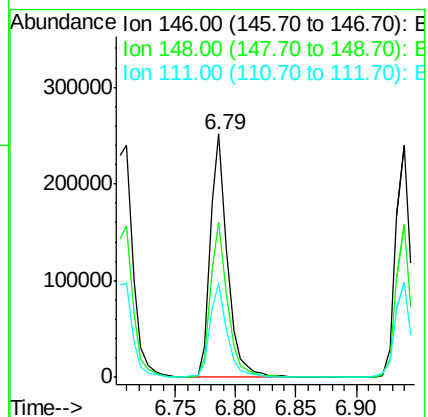
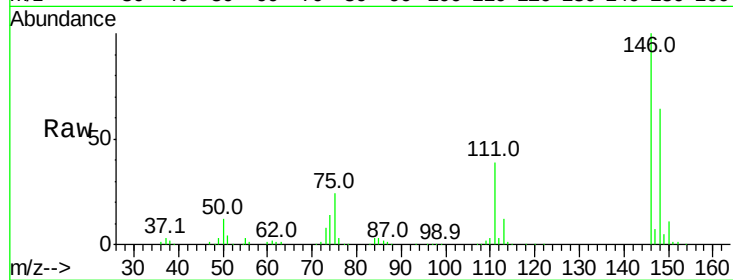
Tot Ion:146 Resp: 246047

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 38.8 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 29.486 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

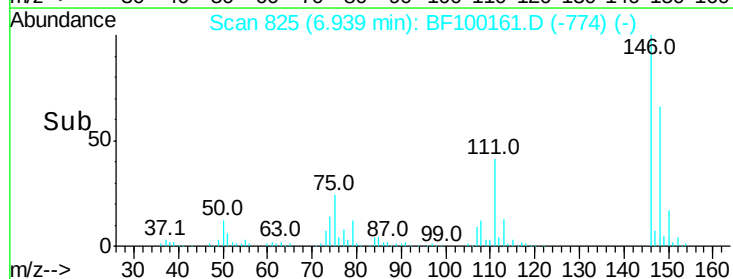
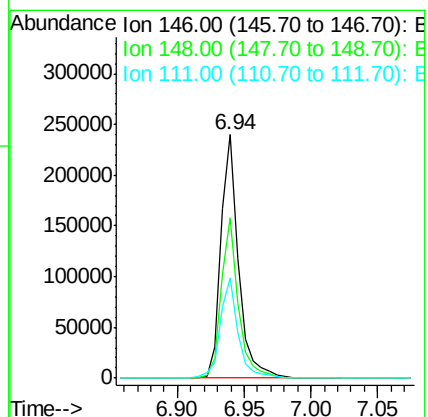
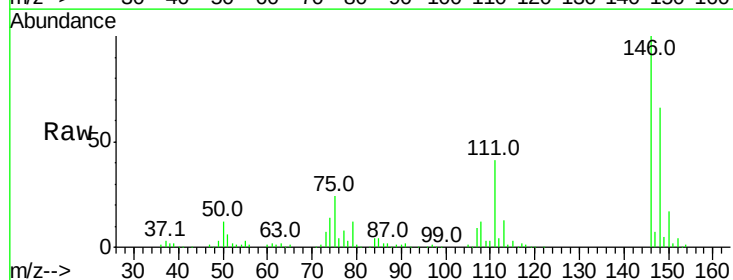
Tgt Ion:146 Resp: 225179

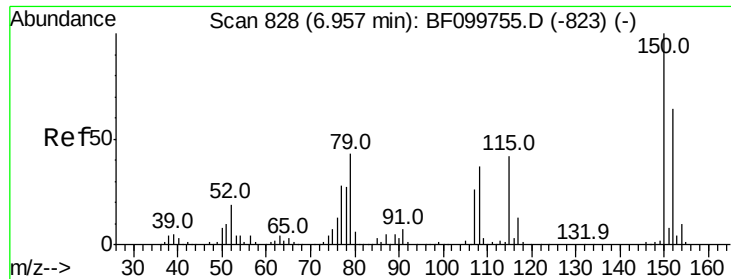
Ion Ratio Lower Upper

146 100

148 65.8 50.6 75.8

111 41.2 36.0 54.0

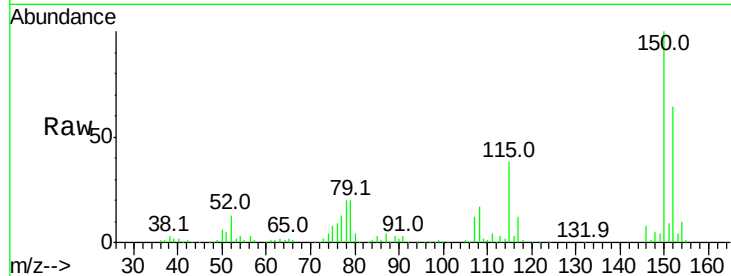




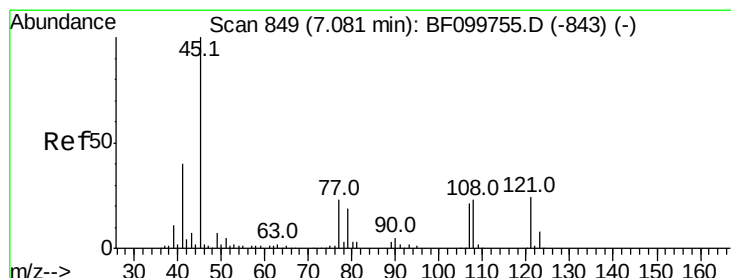
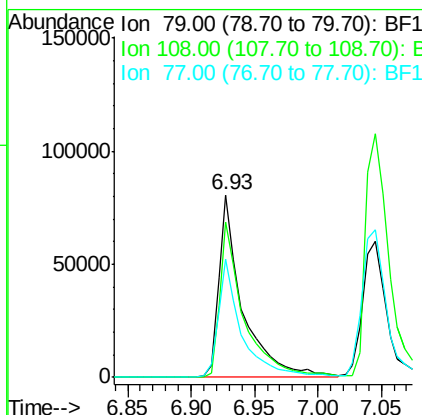
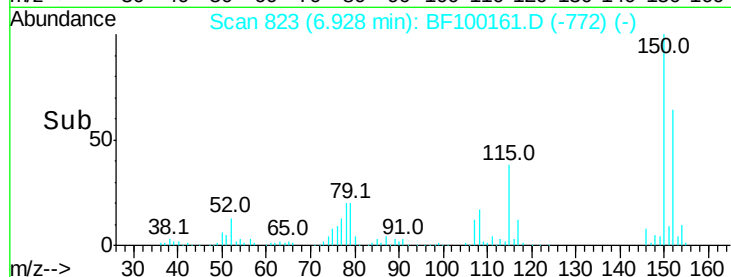
#15
Benzyl Alcohol
Concen: 20.501 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 106653
Ion Ratio Lower Upper
79 100
108 84.8 65.1 97.7
77 64.5 50.6 75.8

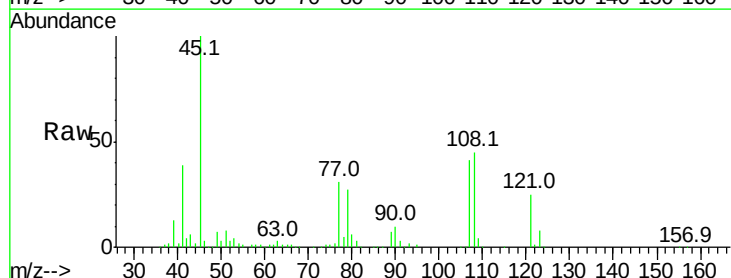


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

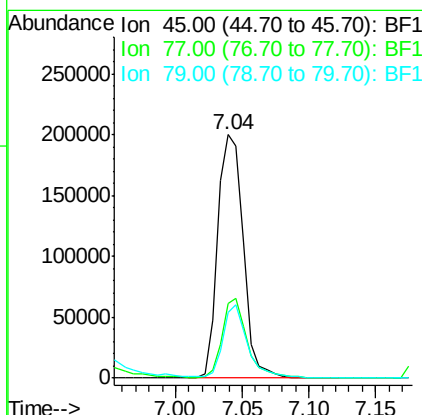
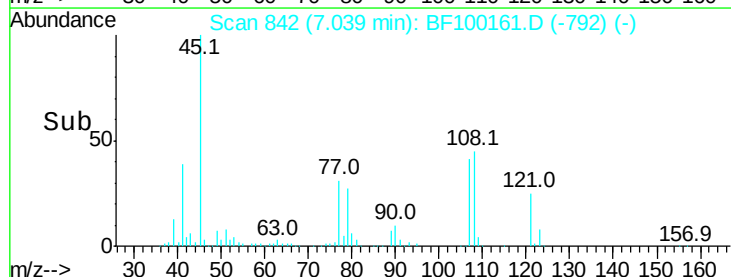


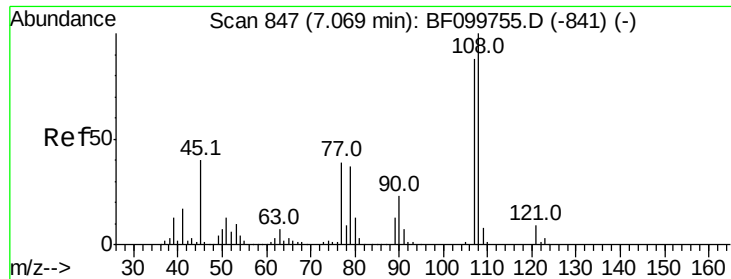
#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.090 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion: 45 Resp: 270353
Ion Ratio Lower Upper
45 100
77 30.8 0.0 32.9
79 27.2 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: 20.427 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 125640

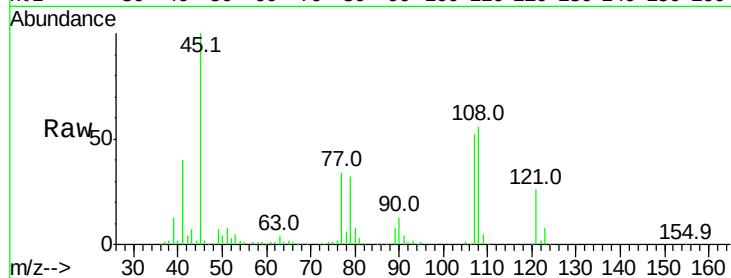
Ion Ratio Lower Upper

107 100

108 109.1 91.7 137.5

77 66.3 33.8 50.8#

79 60.9 33.8 50.8#

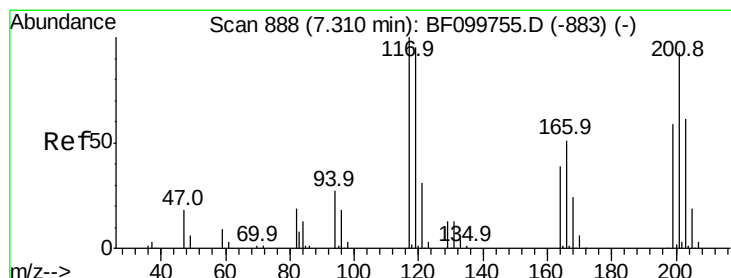
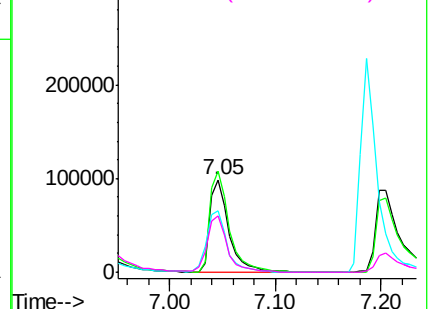
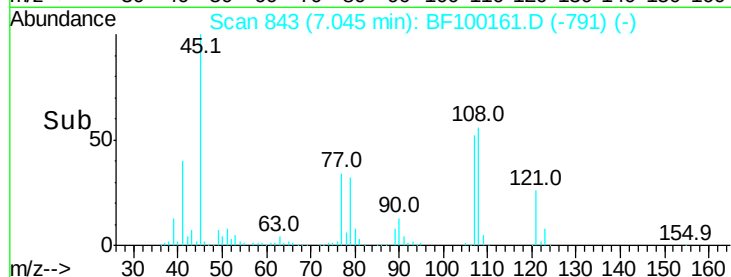


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 26.910 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

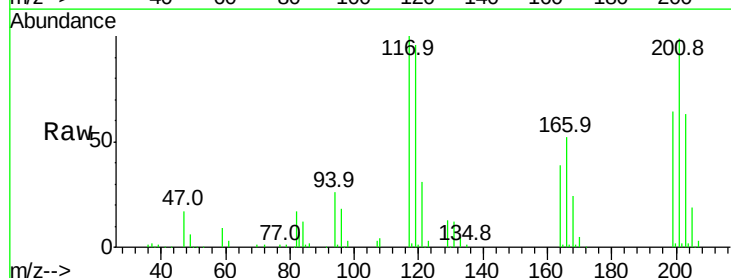
Tgt Ion:117 Resp: 75227

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

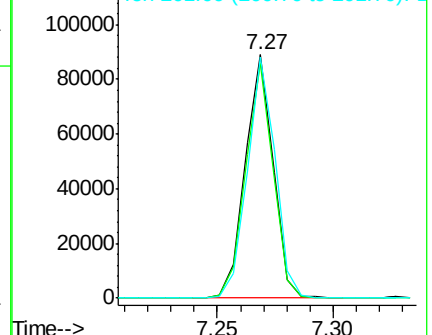
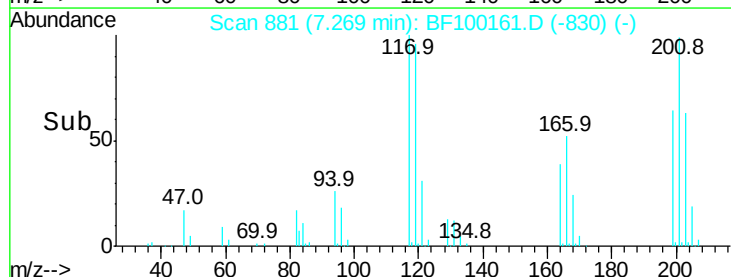
201 99.2 75.7 113.5

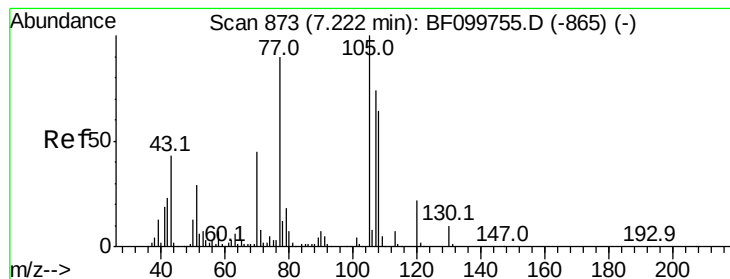


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.055 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 148875

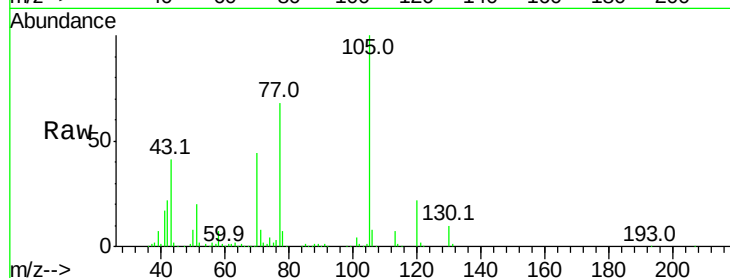
Ion Ratio Lower Upper

70 100

42 50.5 47.5 71.3

101 10.1 7.4 11.2

130 23.4 16.6 25.0

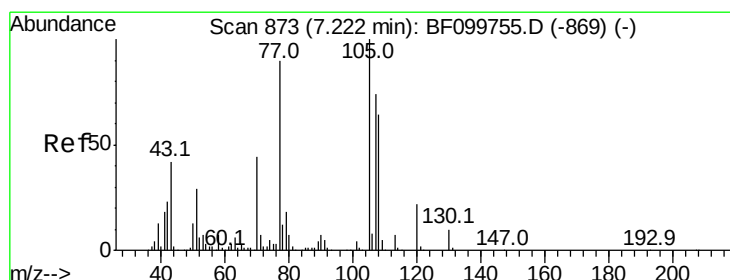
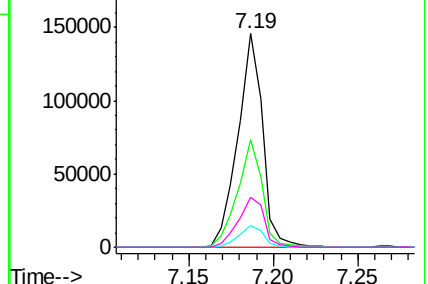
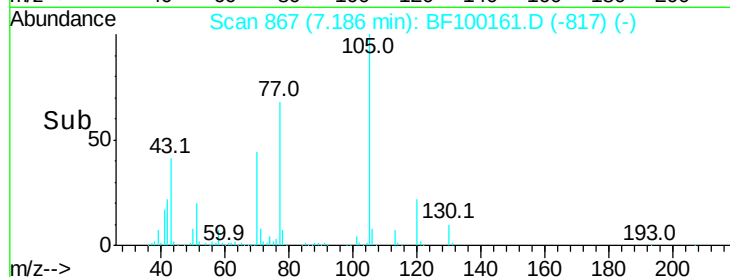


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 21.141 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Tgt Ion: 107 Resp: 151406

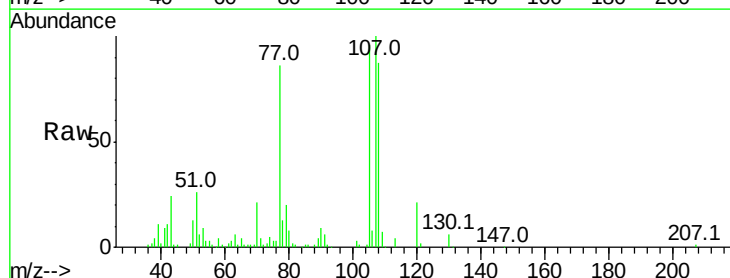
Ion Ratio Lower Upper

107 100

108 87.2 68.2 108.2

77 86.0 26.7 66.7#

79 20.2 6.3 46.3

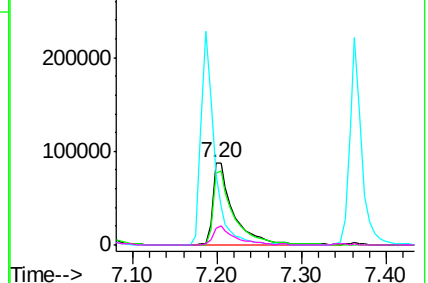
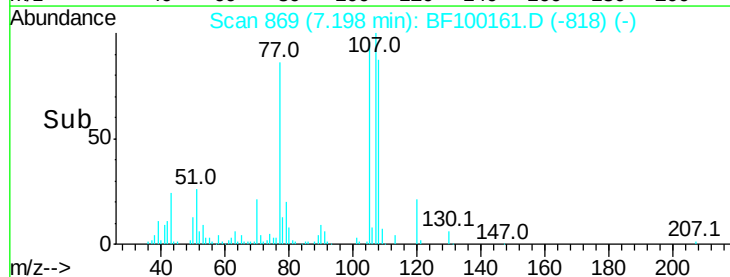


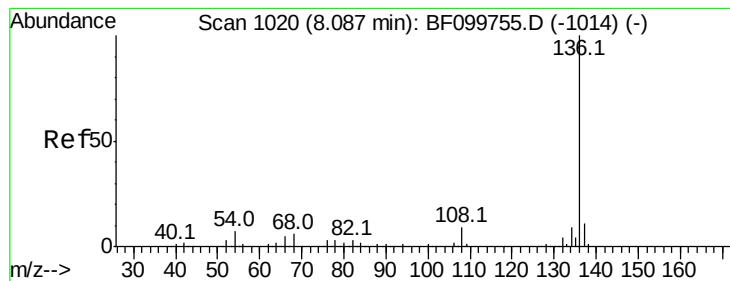
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 441589

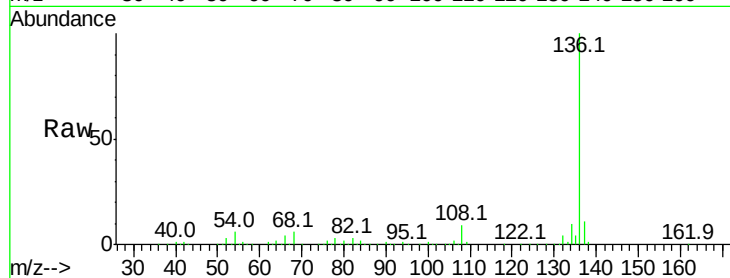
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 5.7 5.0 7.4

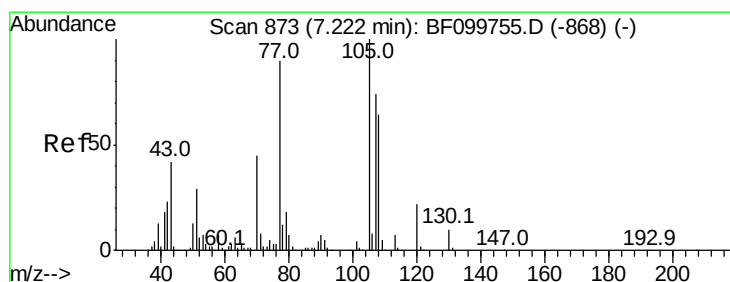
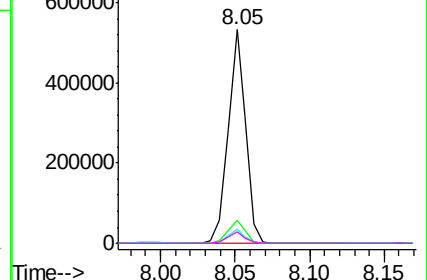
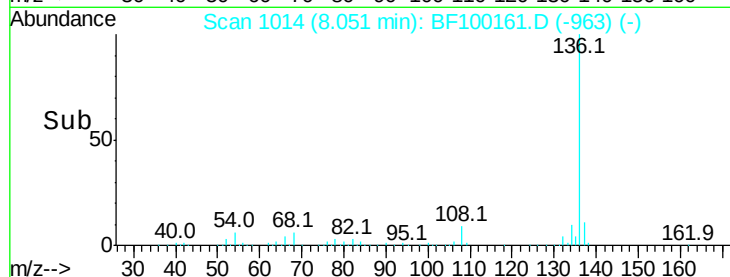


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 31.423 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Tgt Ion:105 Resp: 315948

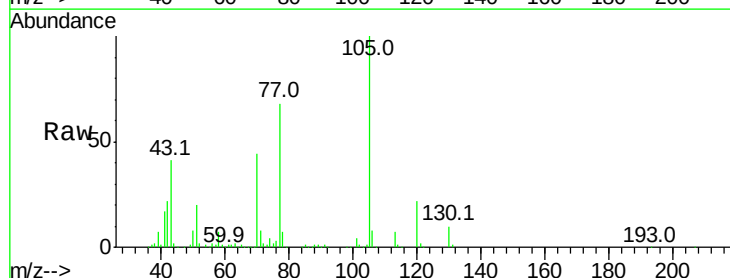
Ion Ratio Lower Upper

105 100

71 7.5 4.4 6.6#

51 20.3 22.3 33.5#

120 22.1 16.9 25.3

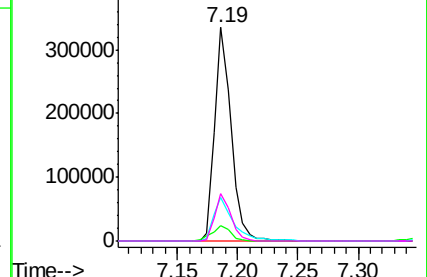
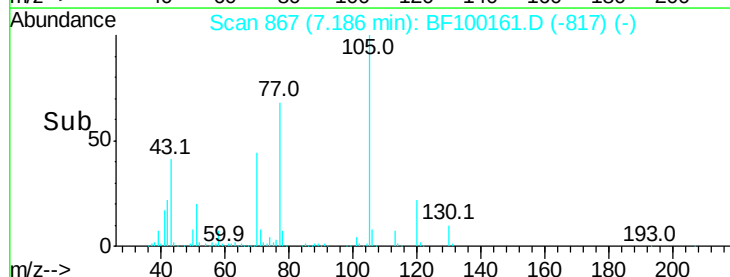


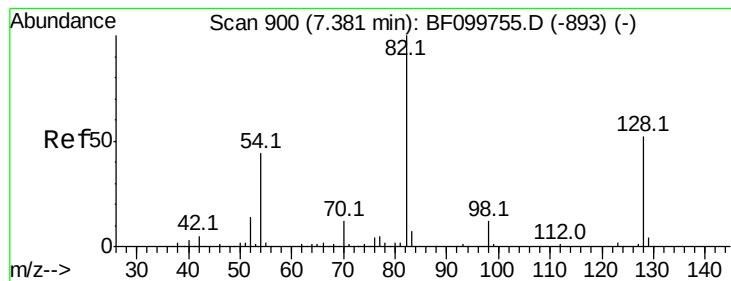
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 64.184 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampled :

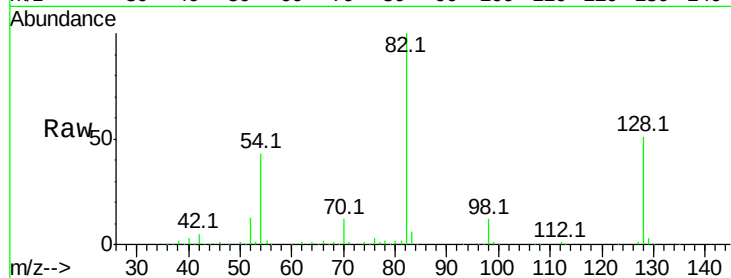
Tot Ion: 82 Resp: 440241

Ion Ratio Lower Upper

82 100

128 51.0 36.1 54.1

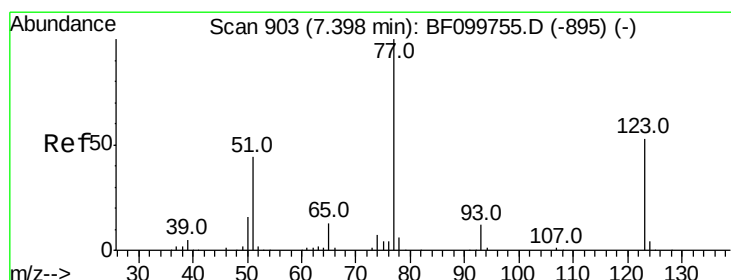
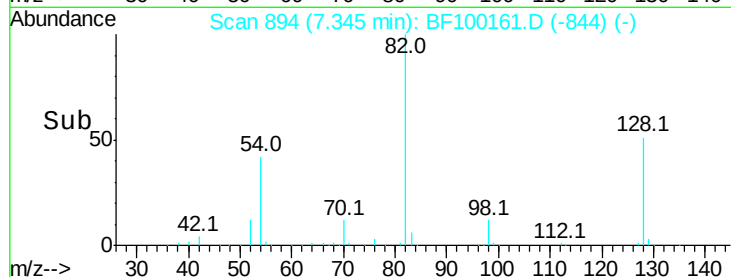
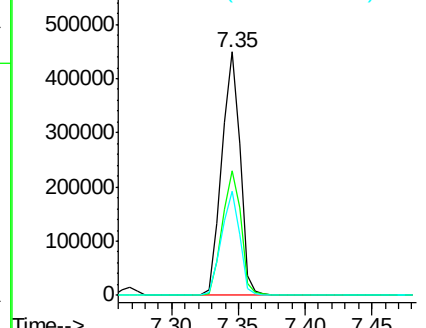
54 42.7 41.4 62.2



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: 32.051 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

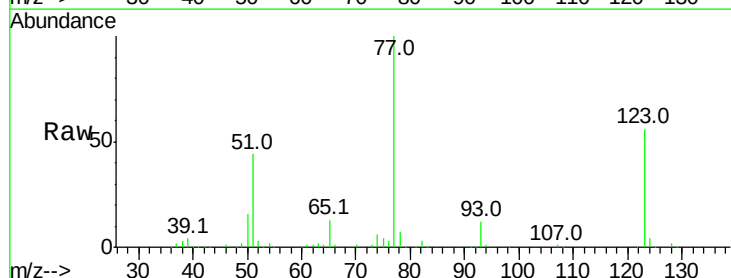
Tgt Ion: 77 Resp: 221510

Ion Ratio Lower Upper

77 100

123 55.8 37.9 56.9

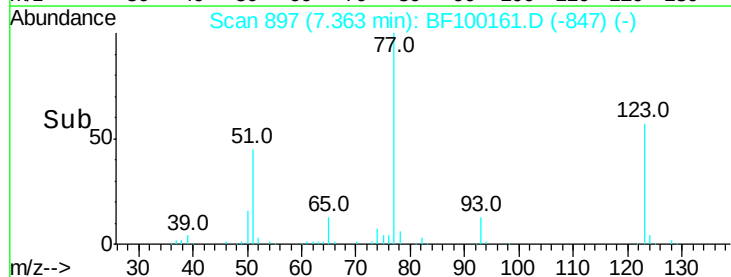
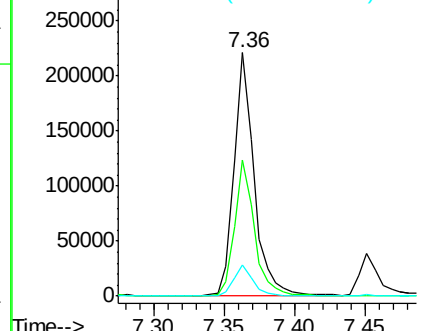
65 12.6 11.0 16.4

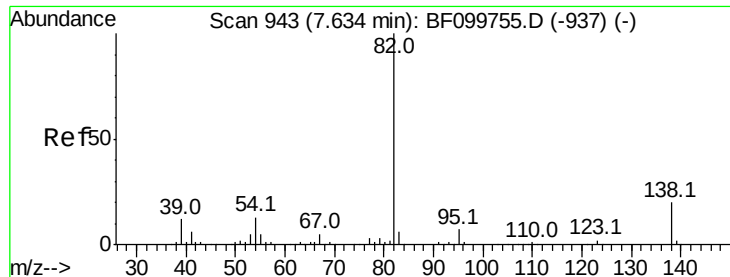


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.748 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

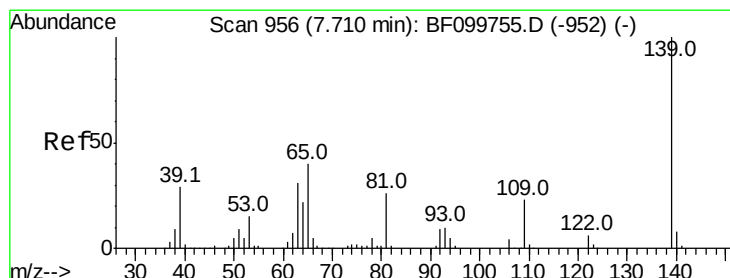
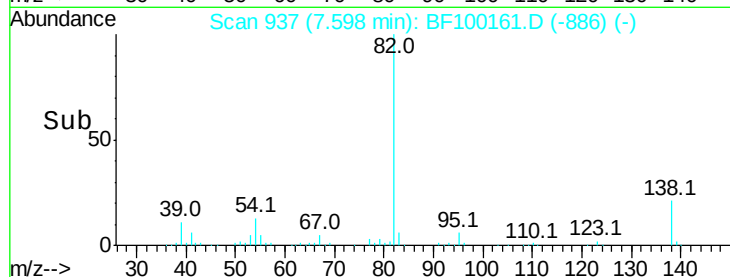
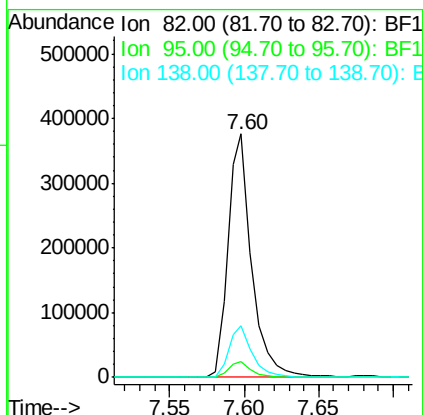
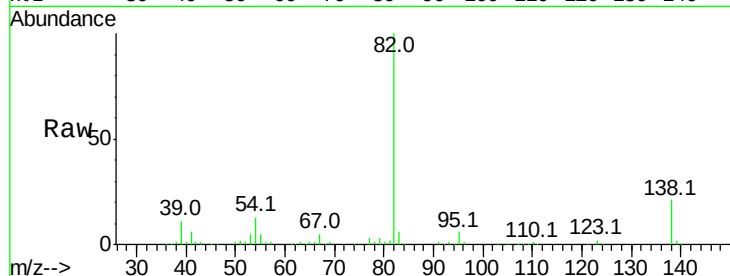
Tot Ion: 82 Resp: 420042

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 21.3 14.9 22.3



#26

2-Nitrophenol

Concen: 32.126 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

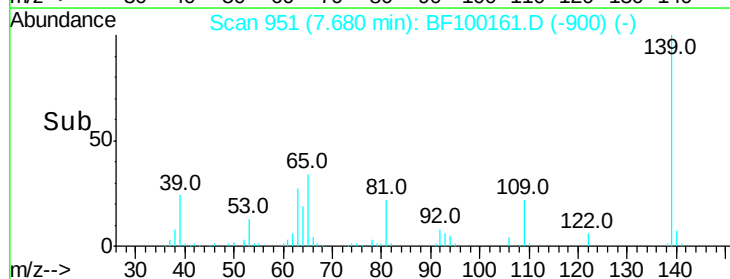
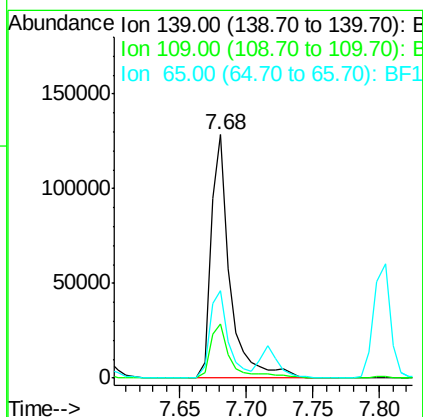
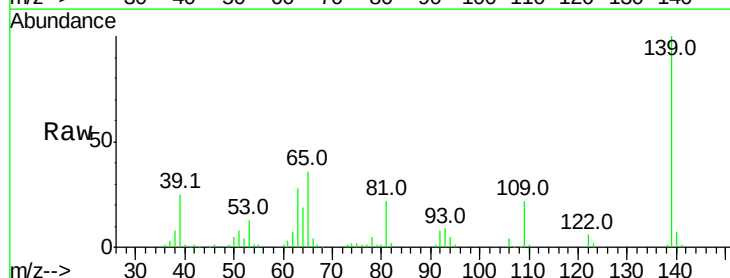
Tgt Ion: 139 Resp: 127167

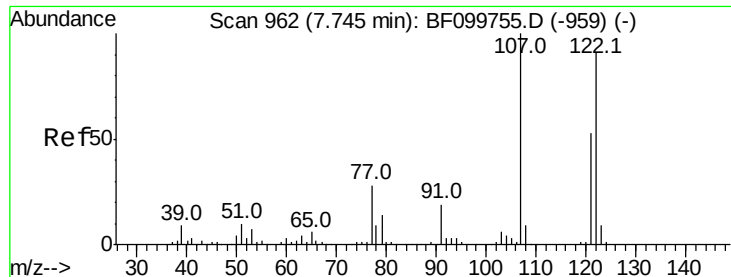
Ion Ratio Lower Upper

139 100

109 22.2 22.7 34.1#

65 36.1 40.5 60.7#

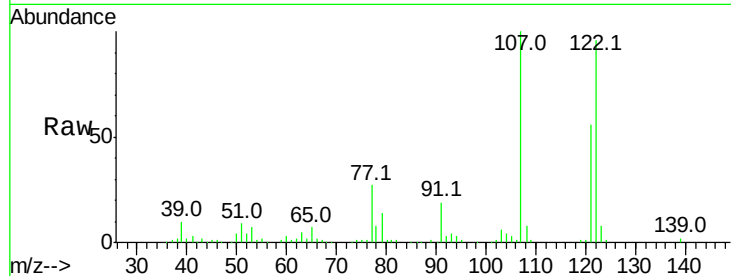




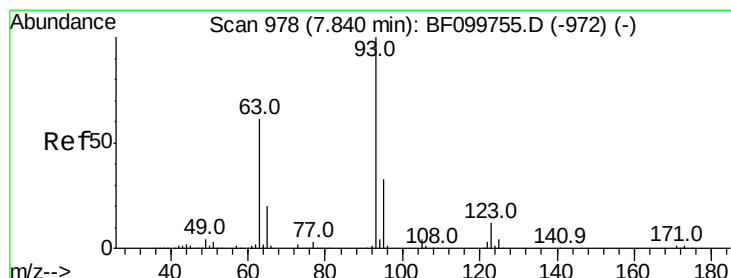
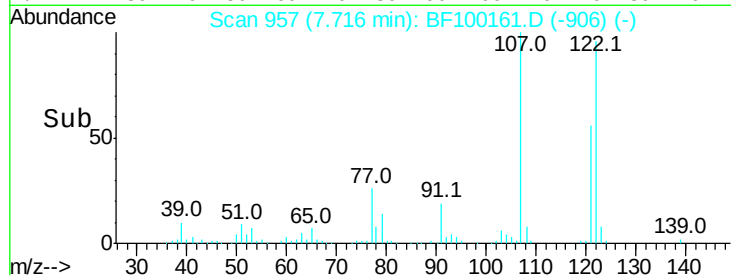
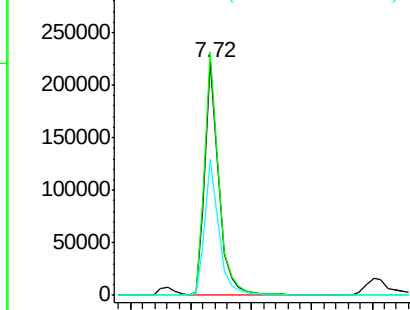
#27
2,4-Dimethylphenol
Concen: 31.476 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 183578
Ion Ratio Lower Upper
122 100
107 104.4 91.2 136.8
121 58.5 47.2 70.8

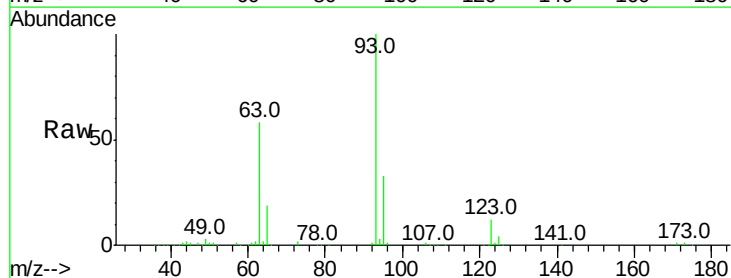


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

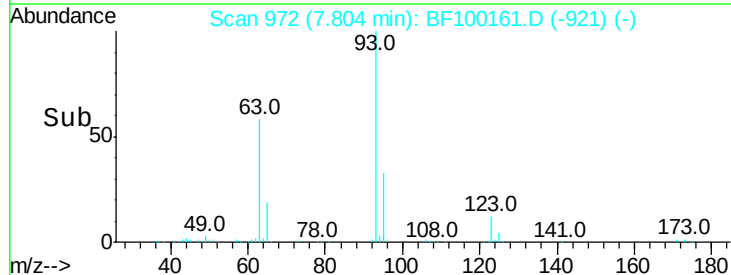
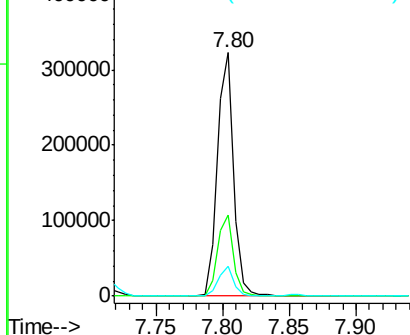


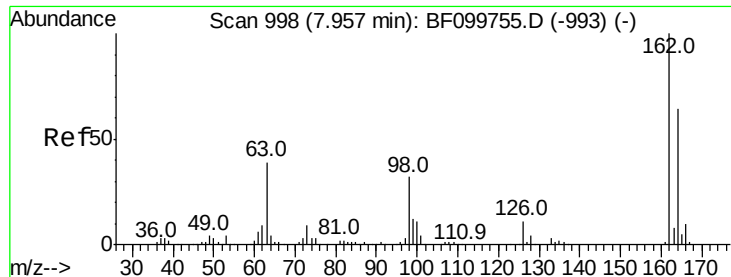
#28
bis(2-Chloroethoxy)methane
Concen: 31.900 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion: 93 Resp: 278060
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 12.3 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

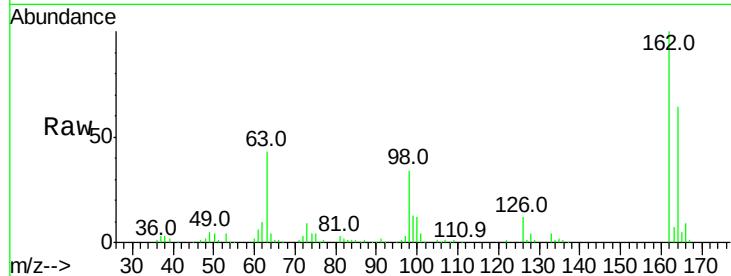




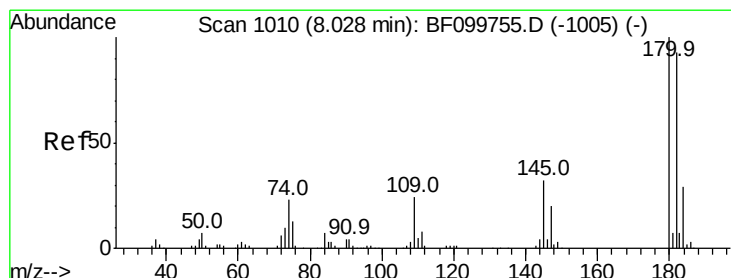
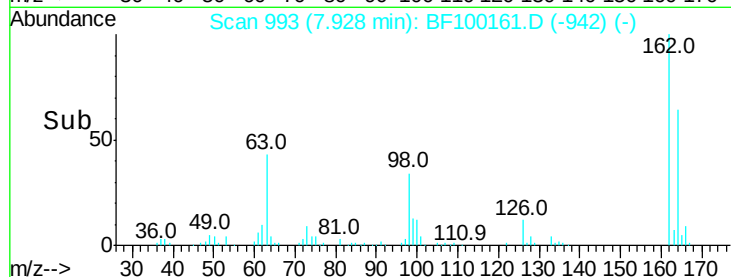
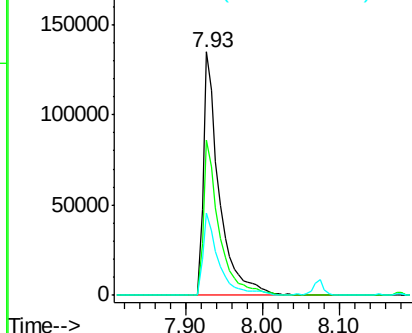
#29
 2,4-Dichlorophenol
 Concen: 31.559 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	33.8	18.1	58.1

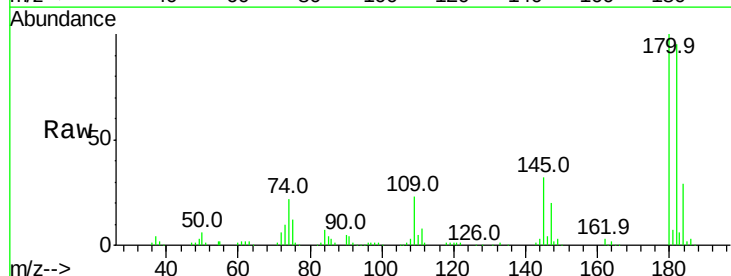


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

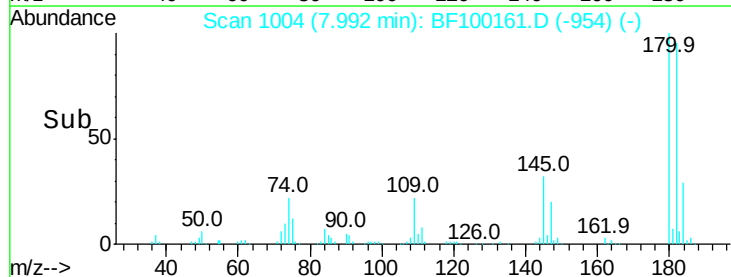
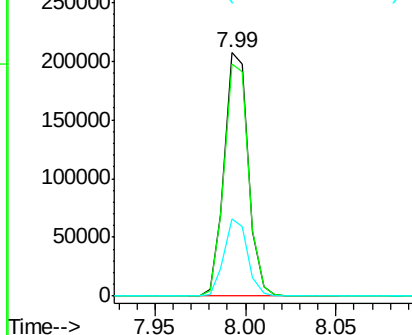


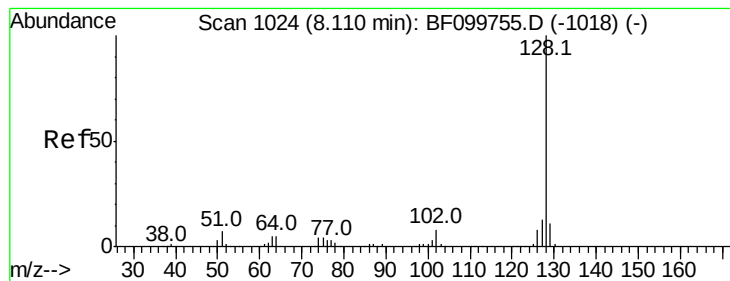
#30
 1,2,4-Trichlorobenzene
 Concen: 29.751 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	31.9	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: 30.661 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

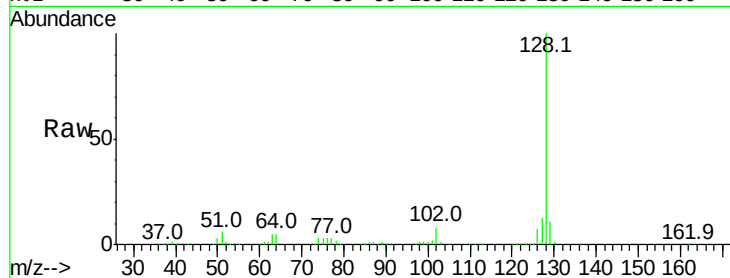
Tot Ion:128 Resp: 653573

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

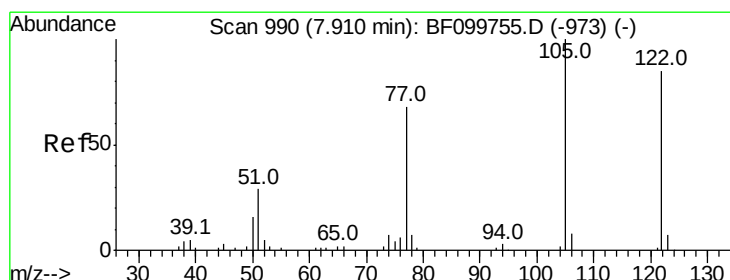
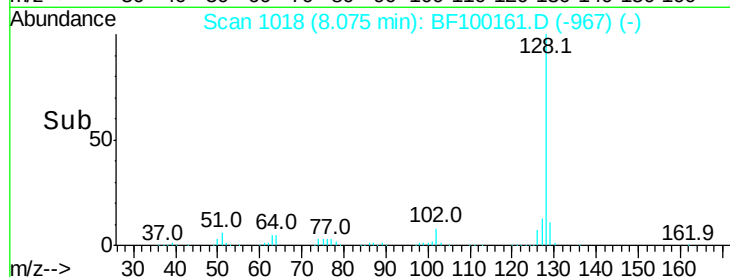
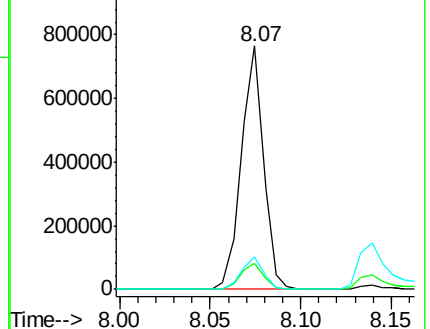
127 13.2 10.9 16.3



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: 6.045 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.05 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

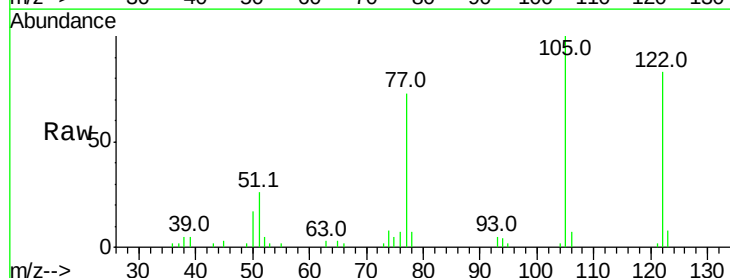
Tgt Ion:122 Resp: 31032

Ion Ratio Lower Upper

122 100

105 120.8 101.1 141.1

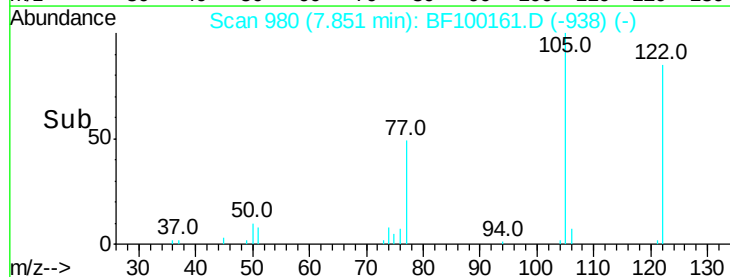
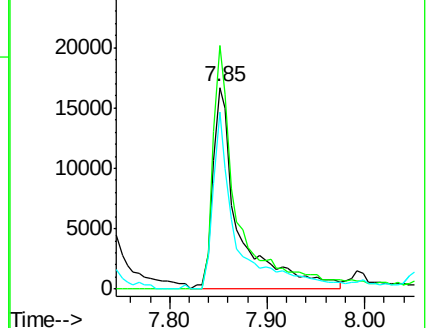
77 87.7 70.7 110.7

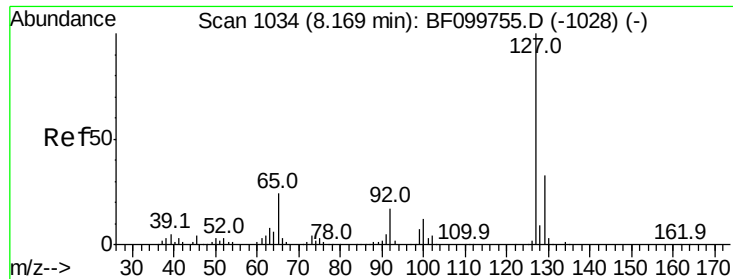


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

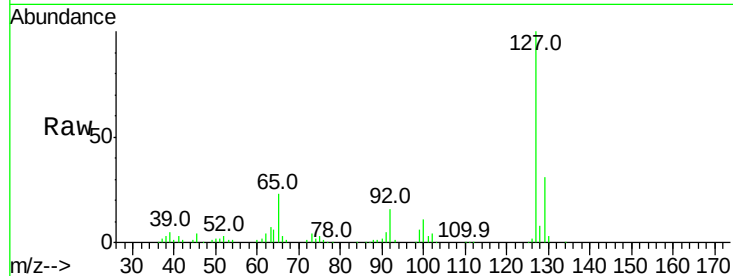




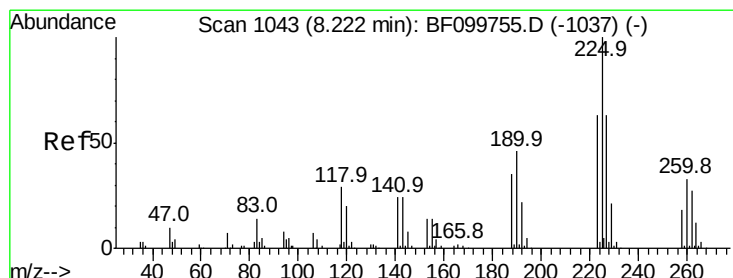
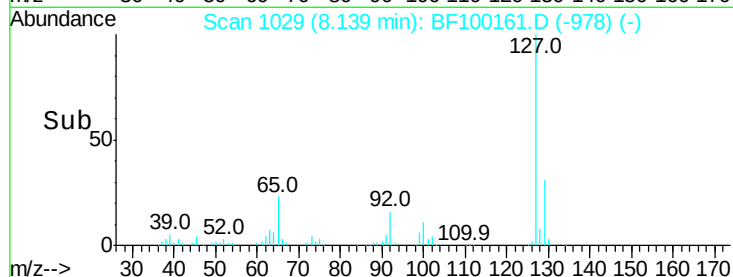
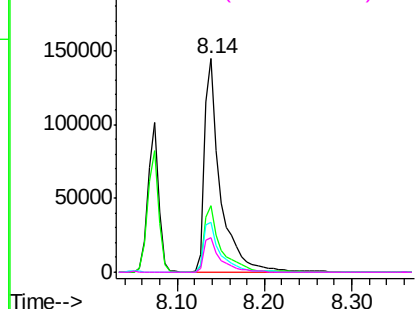
#33
4-Chloroaniline
Concen: 20.917 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	184116
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	23.1	25.0	37.4
92	16.1	15.2	22.8

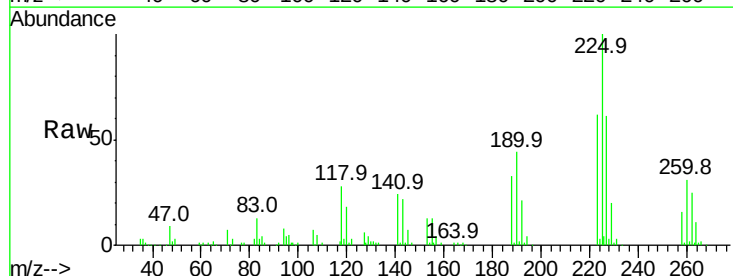


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

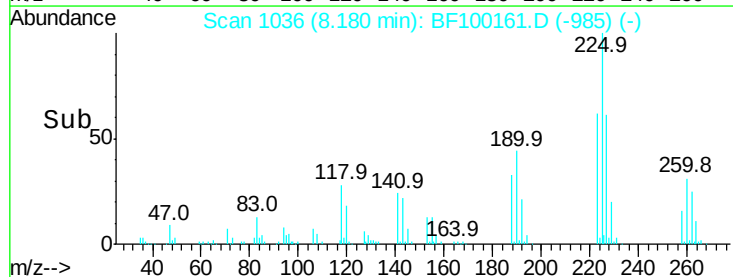
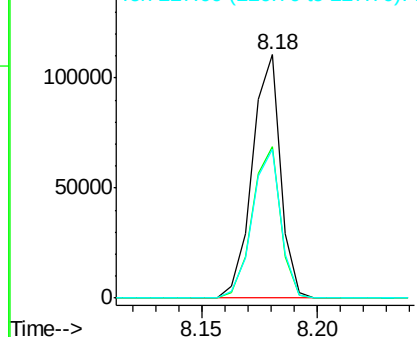


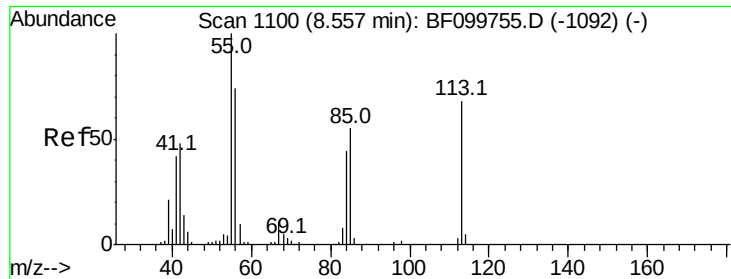
#34
Hexachlorobutadiene
Concen: 28.397 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion:	225	Resp:	94556
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	60.9	51.9	77.9



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

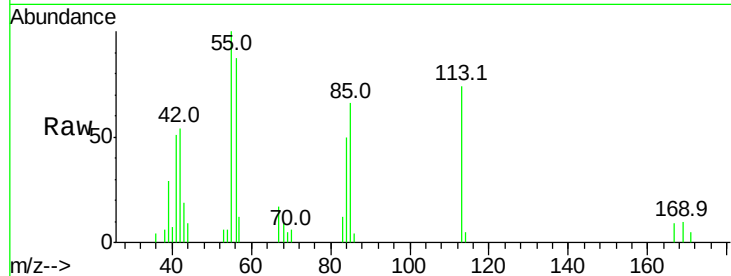




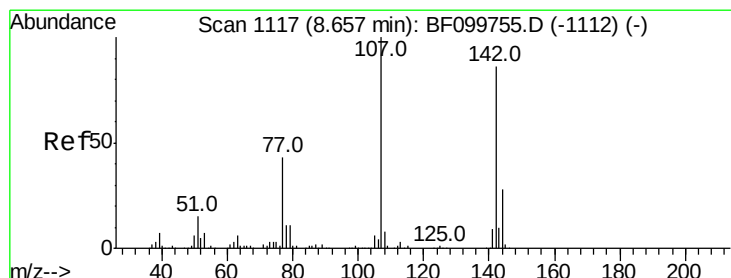
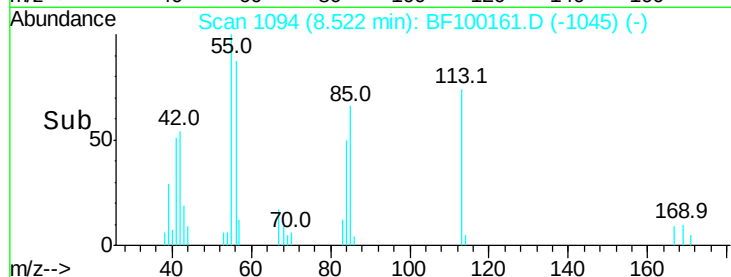
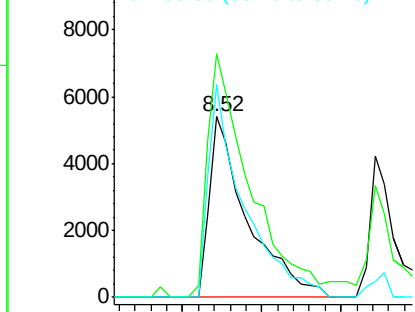
#35
 Caprolactam
 Concen: 4.755 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 9060
 Ion Ratio Lower Upper
 113 100
 55 134.9 163.3 203.3#
 56 117.9 115.7 155.7

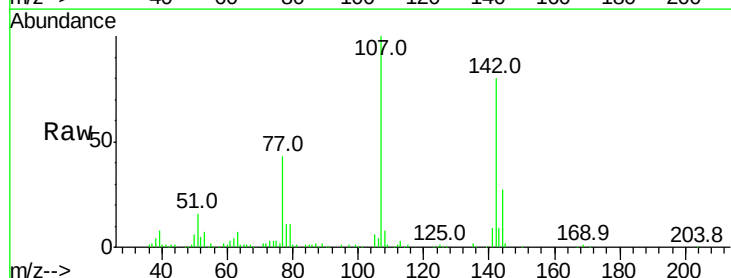


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

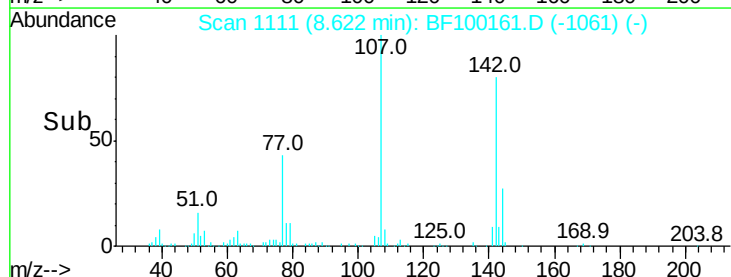
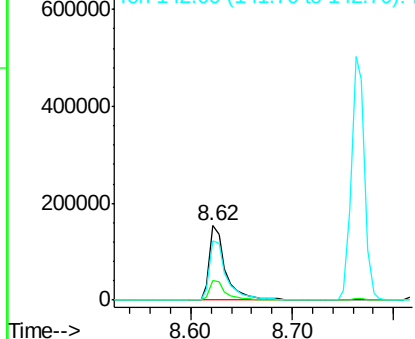


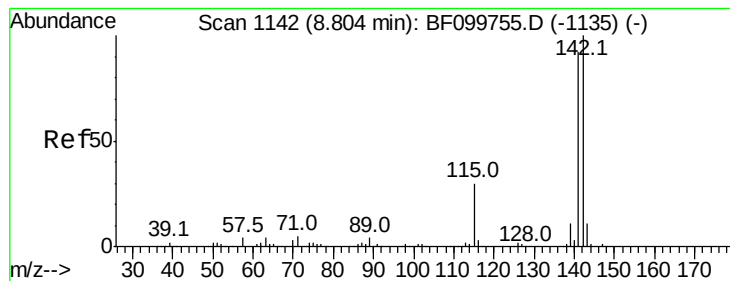
#36
 4-Chloro-3-methylphenol
 Concen: 28.181 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:107 Resp: 174270
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 80.3 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: 31.855 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

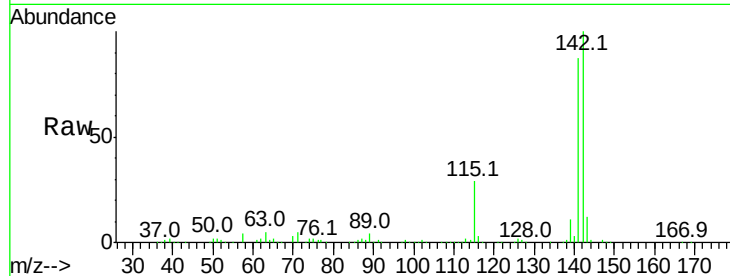
Tot Ion:142 Resp: 455033

Ion Ratio Lower Upper

142 100

141 86.7 70.8 106.2

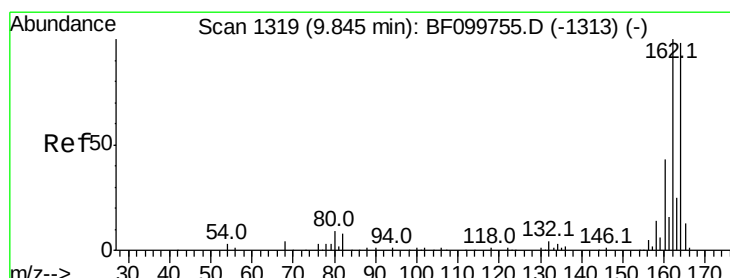
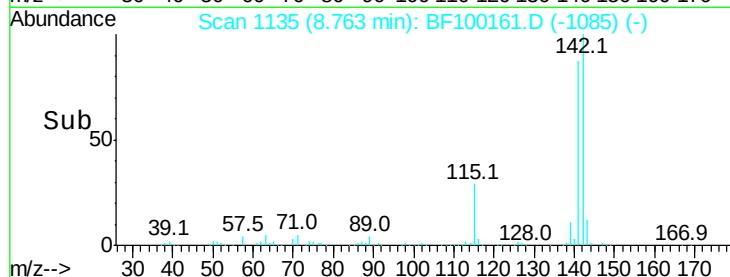
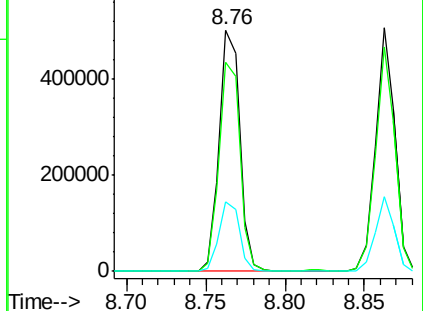
115 29.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

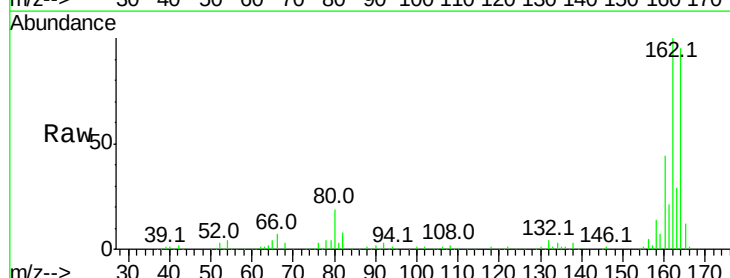
Tgt Ion:164 Resp: 192885

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

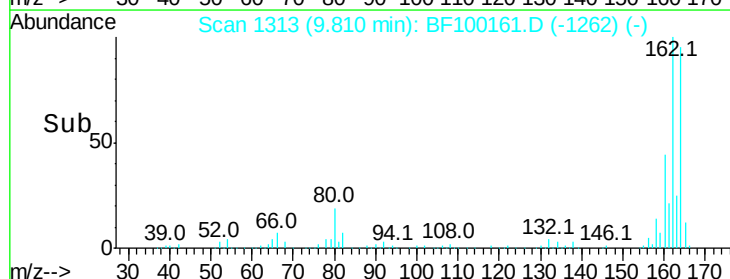
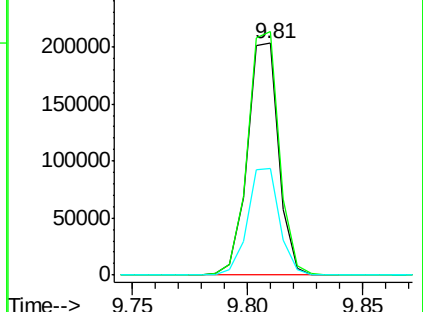
160 45.8 38.3 57.5

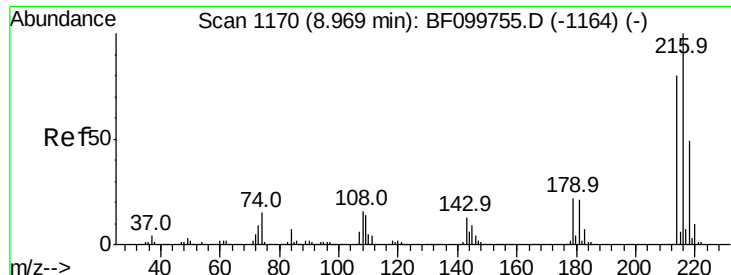


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

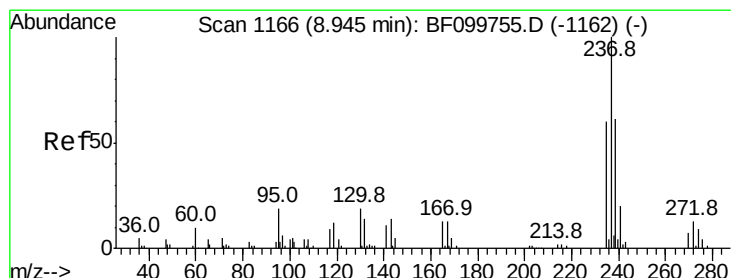
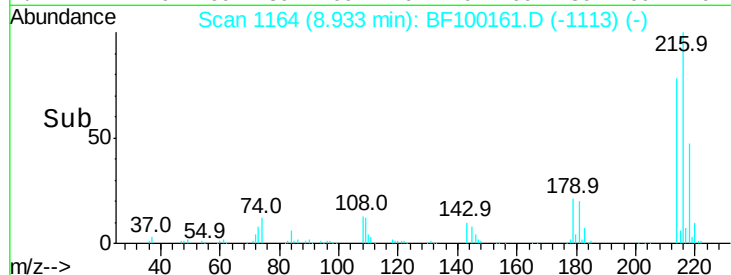
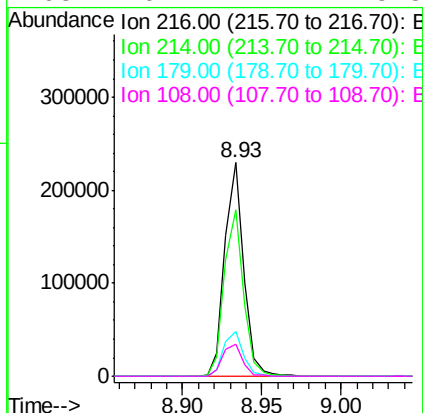
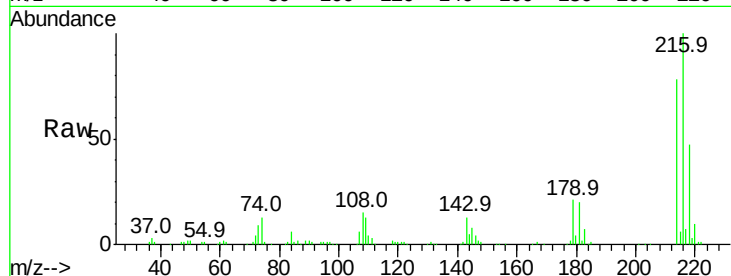




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.522 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

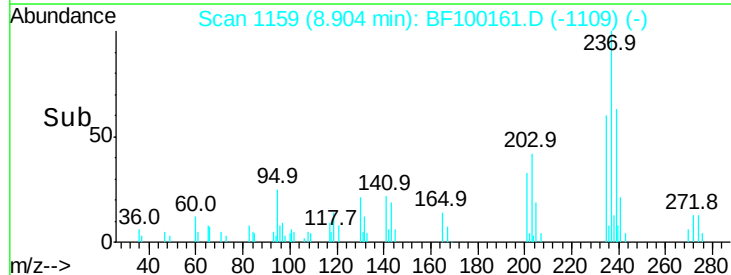
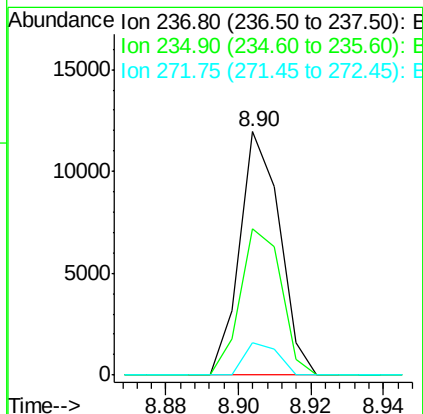
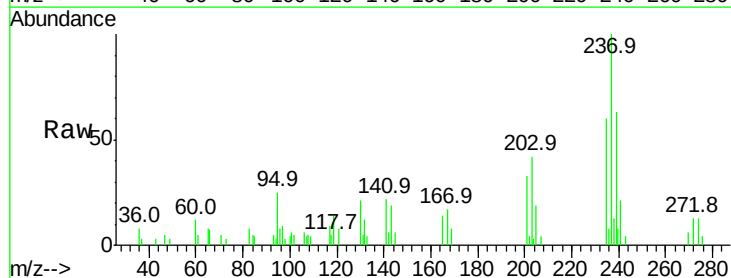
Instrument :
 BNA_F
 ClientSampleId :

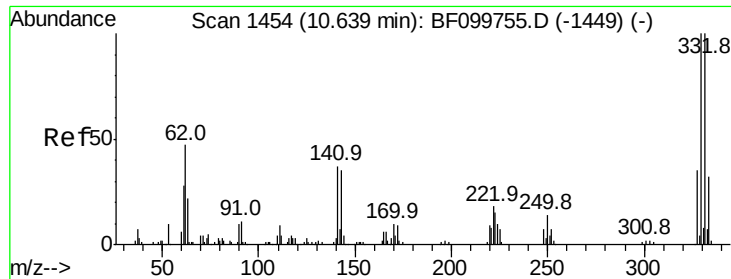
Tot Ion:	216	Resp:	190143
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	21.6	18.1	27.1
108	16.1	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 18.414 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:	237	Resp:	9149
Ion Ratio	Lower	Upper	
237	100		
235	60.3	44.8	84.8
272	13.1	0.0	33.3

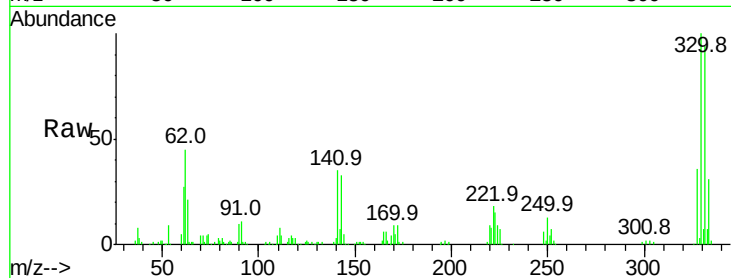




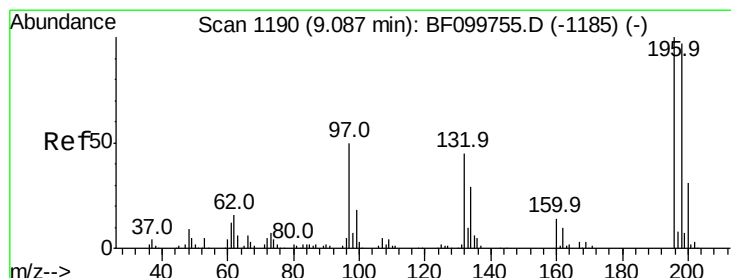
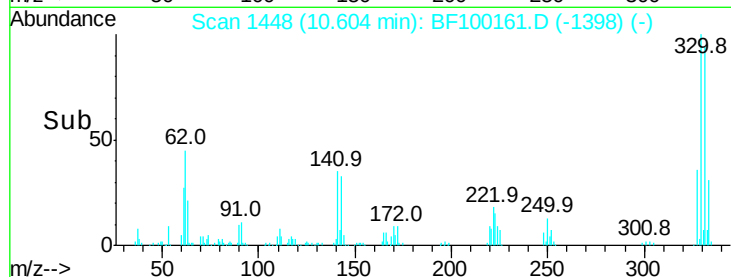
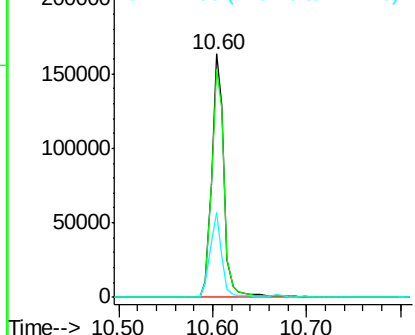
#41
 2,4,6-Tribromophenol
 Concen: 87.459 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 153734
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.9 29.9 44.9

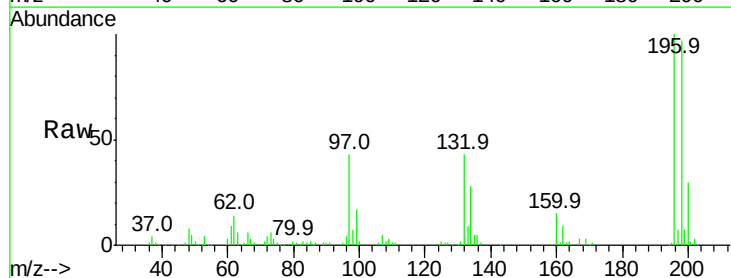


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

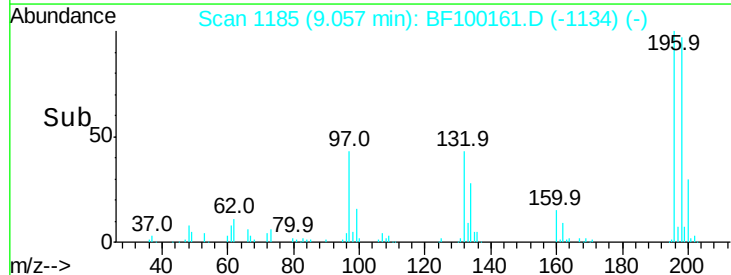
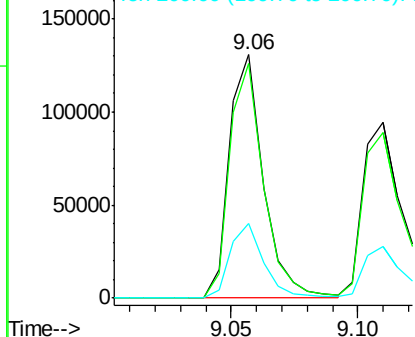


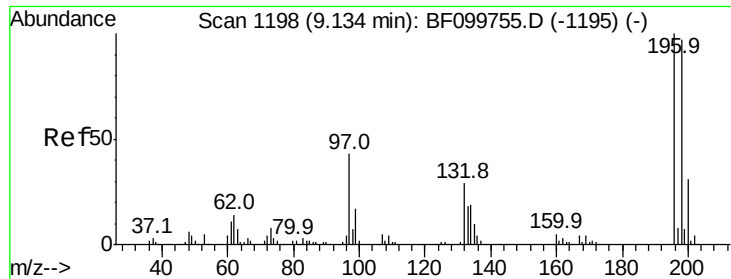
#42
 2,4,6-Trichlorophenol
 Concen: 32.597 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:196 Resp: 122834
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 30.4 24.5 36.7



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

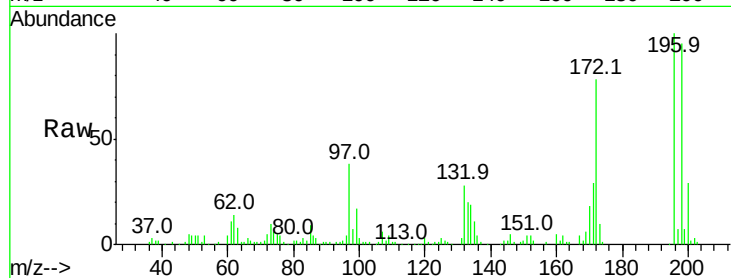




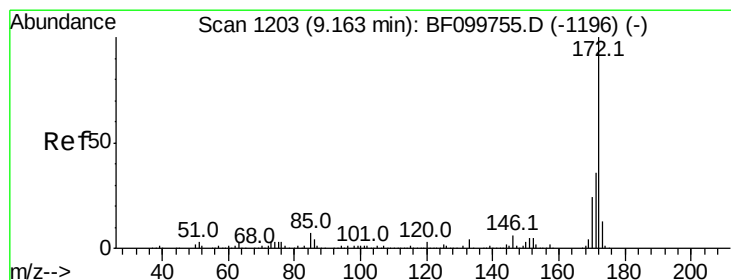
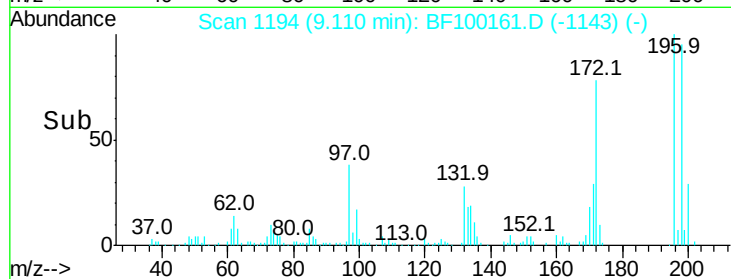
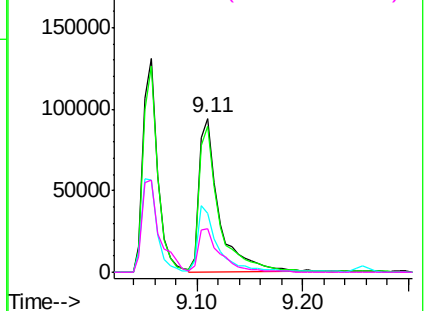
#43
 2,4,5-Trichlorophenol
 Concen: 30.678 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	122676
Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	112.0
97	38.4	42.9	64.3#
132	28.4	26.3	39.5

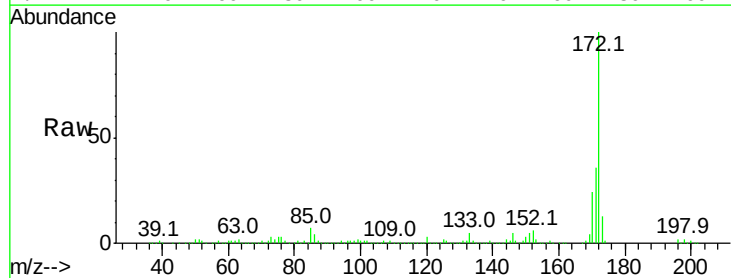


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

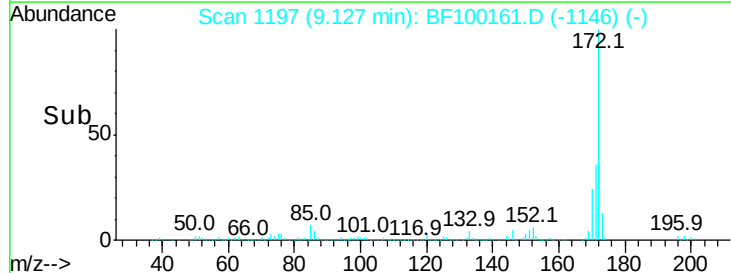
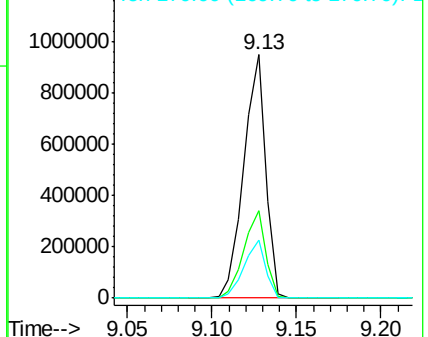


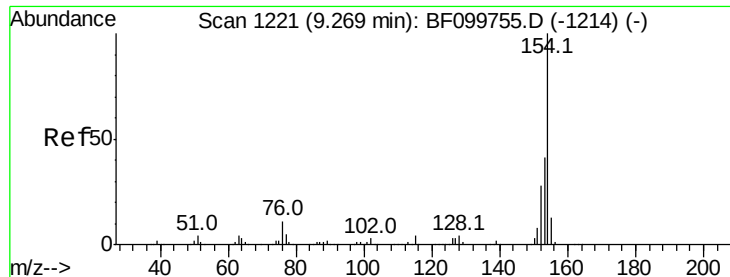
#44
 2-Fluorobiphenyl
 Concen: 69.226 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:	172	Resp:	865454
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

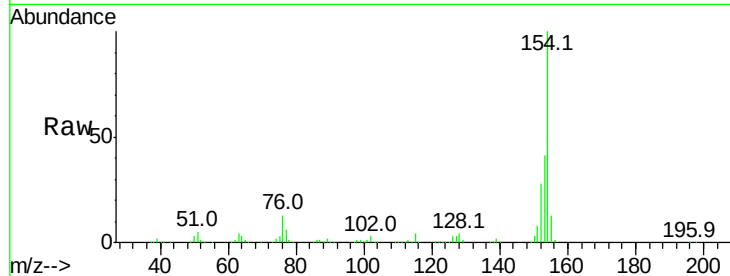




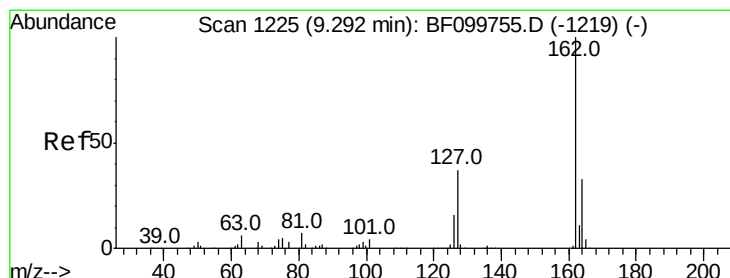
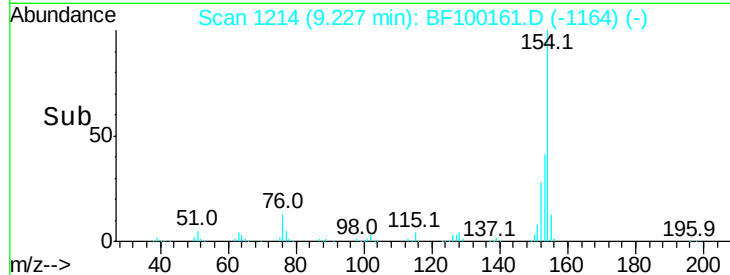
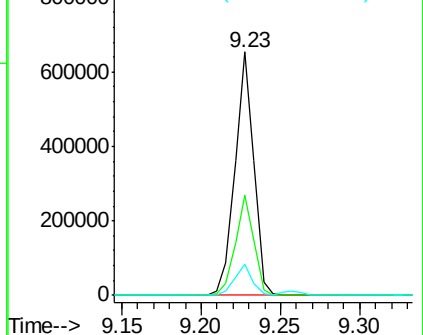
#45
 1,1'-Biphenyl
 Concen: 30.761 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 536754
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 12.8 0.0 34.0

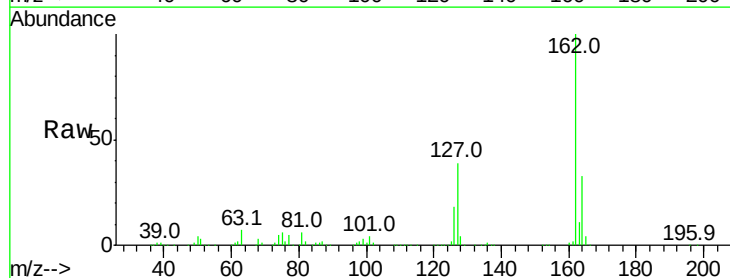


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

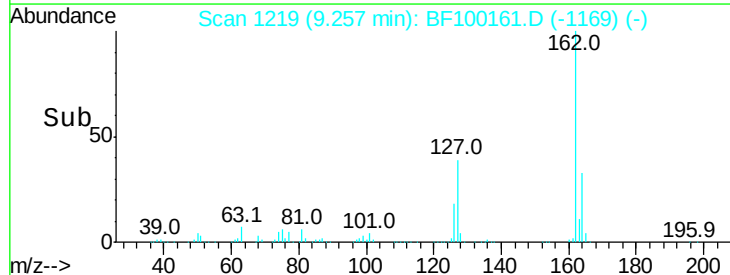
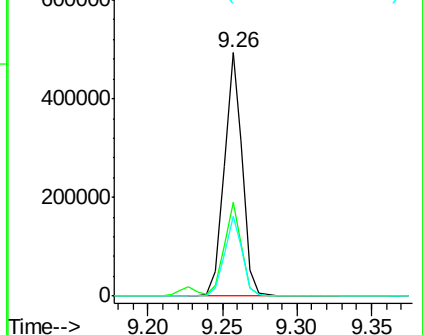


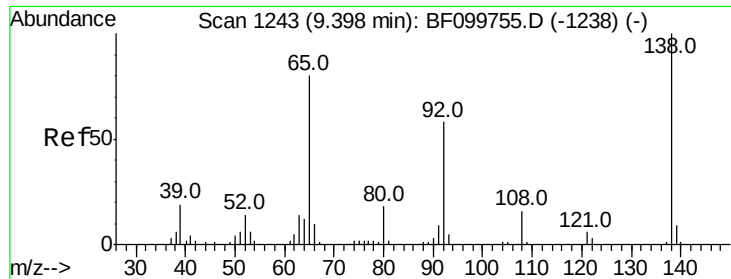
#46
 2-Chloronaphthalene
 Concen: 33.123 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:162 Resp: 419740
 Ion Ratio Lower Upper
 162 100
 127 38.7 33.9 50.9
 164 32.7 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

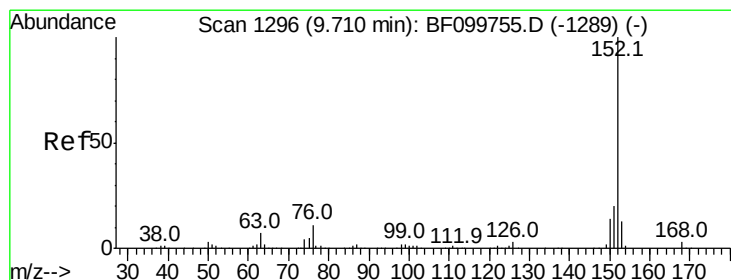
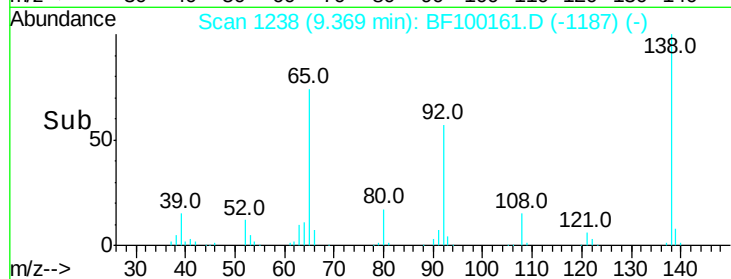
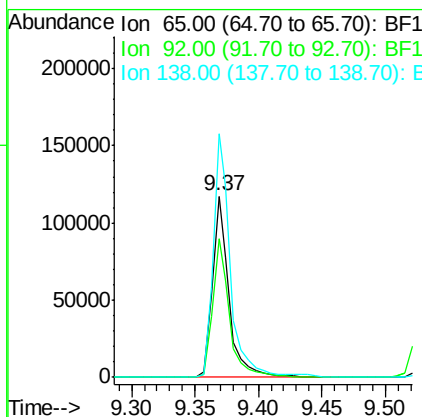
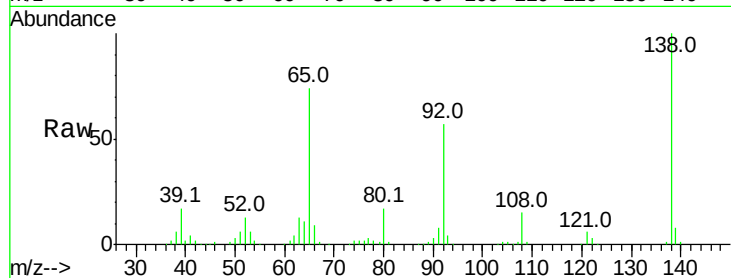




#47
 2-Nitroaniline
 Concen: 32.631 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

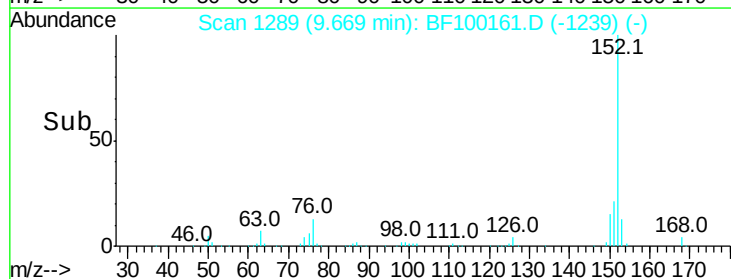
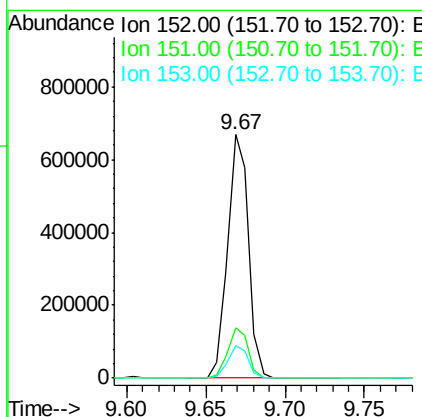
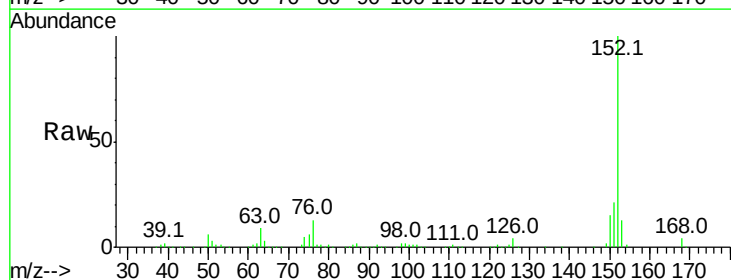
Instrument :
 BNA_F
 ClientSampleId :

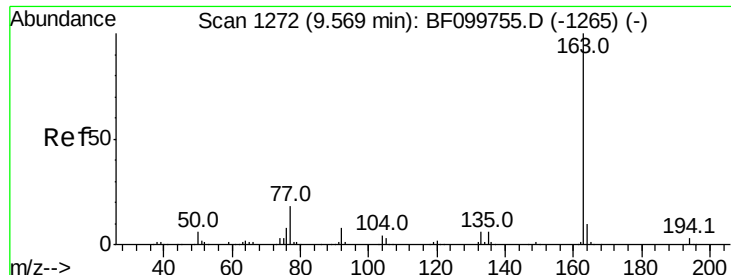
Tot Ion: 65 Resp: 108528
 Ion Ratio Lower Upper
 65 100
 92 76.7 55.8 83.6
 138 134.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 31.058 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion: 152 Resp: 606187
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.2 10.7 16.1

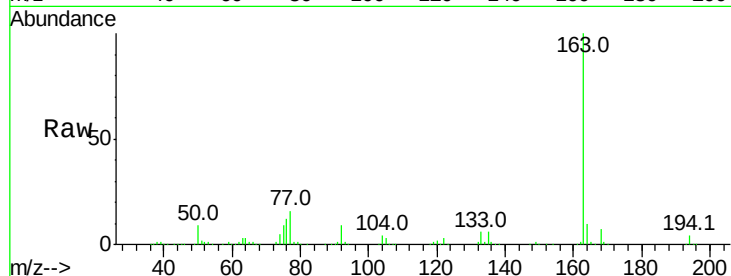




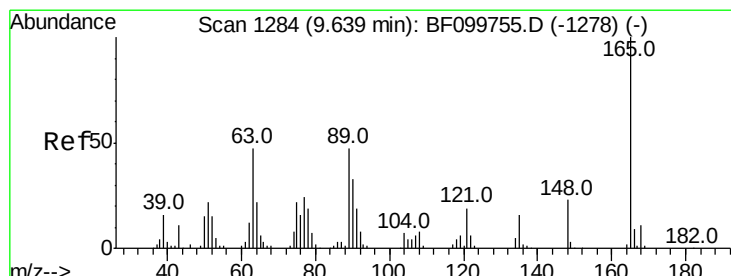
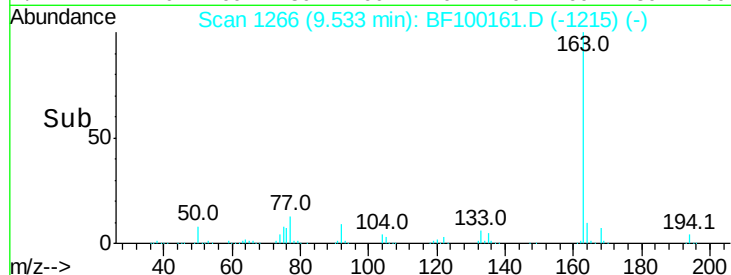
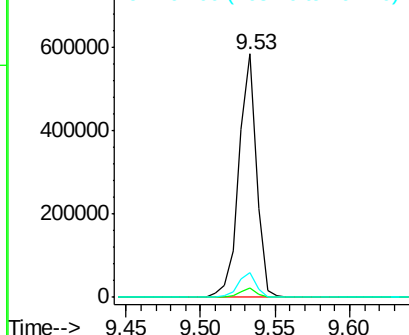
#49
Dimethylphthalate
Concen: 31.782 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 485463
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

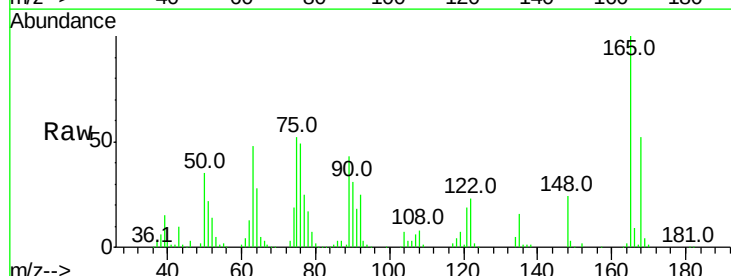


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

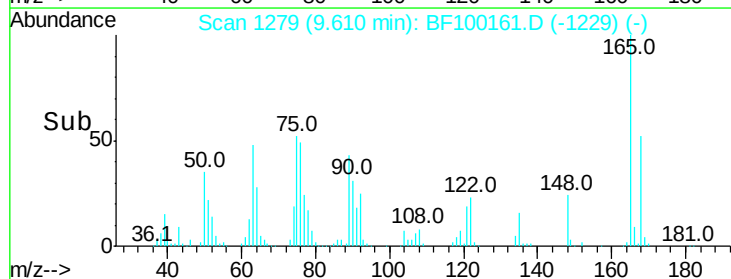
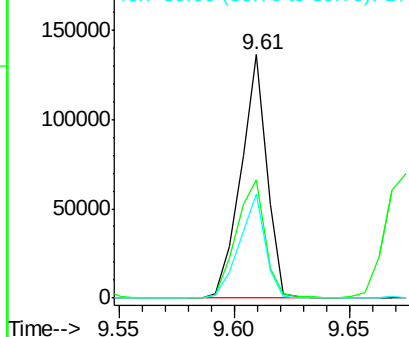


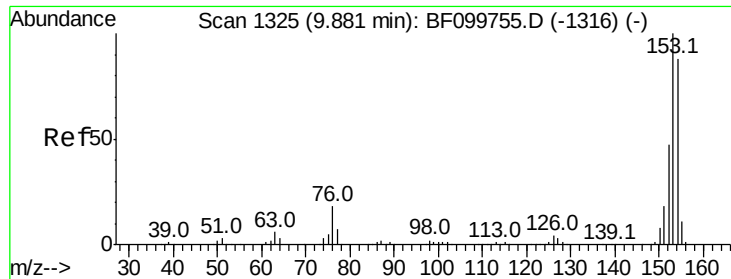
#50
2,6-Dinitrotoluene
Concen: 33.295 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion:165 Resp: 106916
Ion Ratio Lower Upper
165 100
63 48.5 44.7 67.1
89 42.9 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: 30.972 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

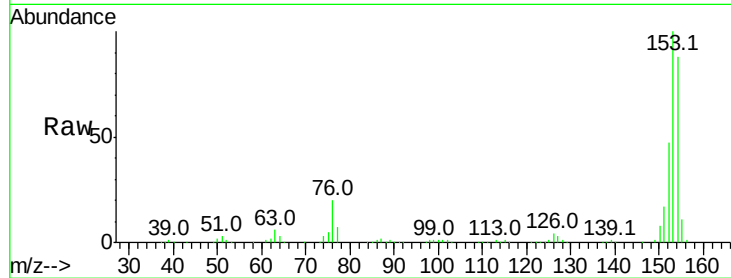
Tot Ion:154 Resp: 369365

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

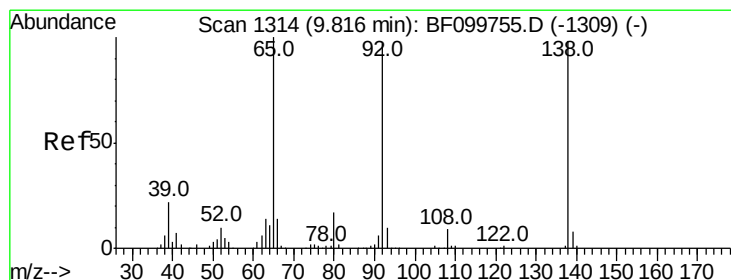
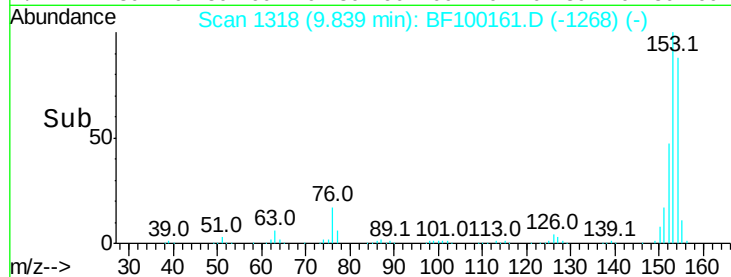
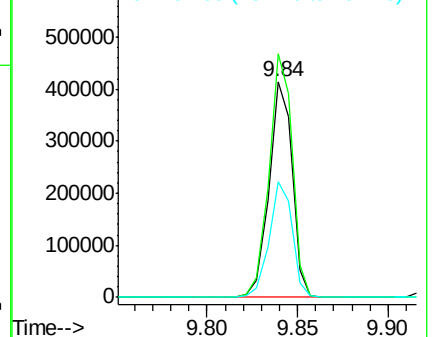
152 53.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.302 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

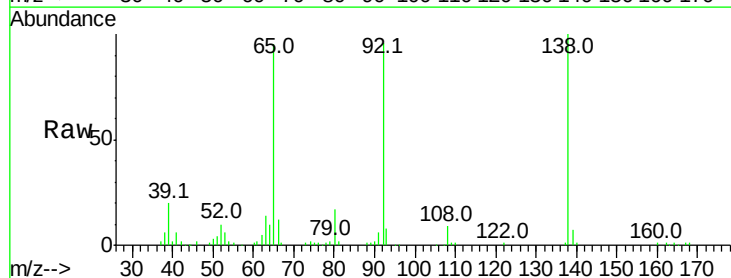
Tgt Ion:138 Resp: 91949

Ion Ratio Lower Upper

138 100

108 9.1 9.4 14.0#

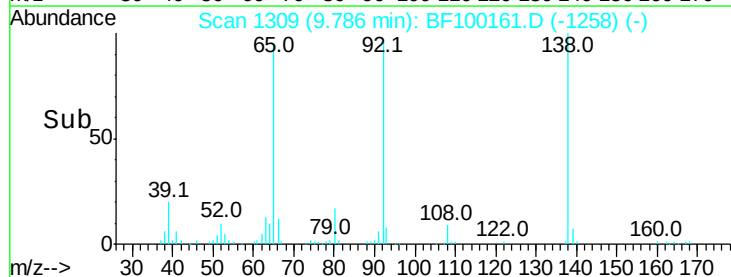
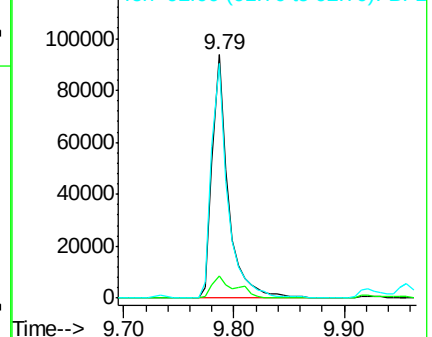
92 96.3 89.4 134.2

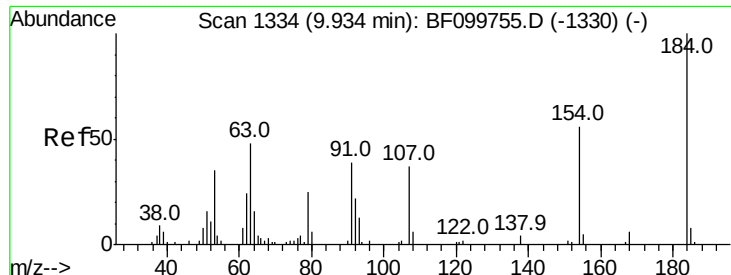


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

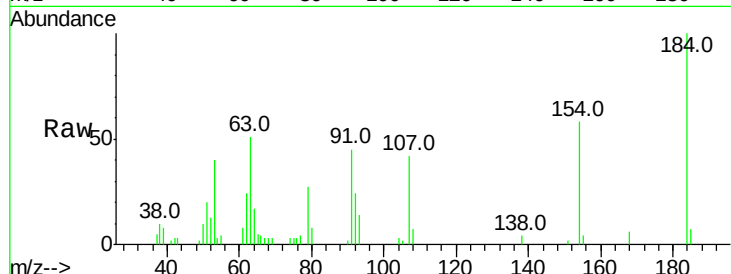




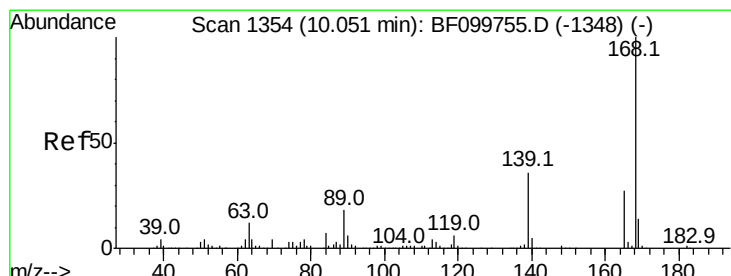
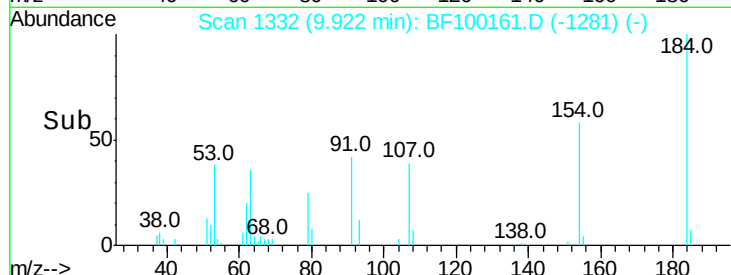
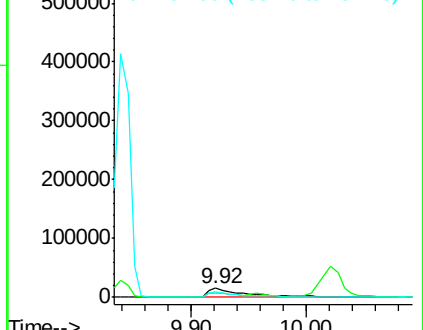
#53
 2,4-Dinitrophenol
 Concen: 32.543 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 36590
 Ion Ratio Lower Upper
 184 100
 63 51.4 54.2 81.2#
 154 58.5 53.5 80.3

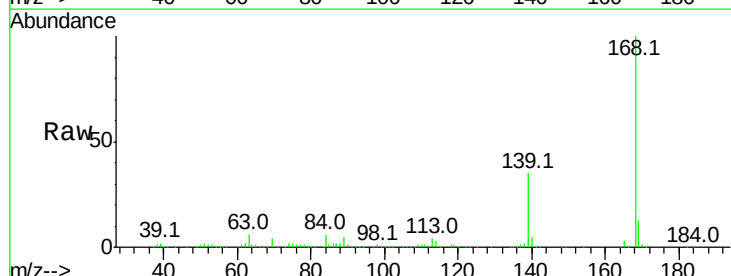


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

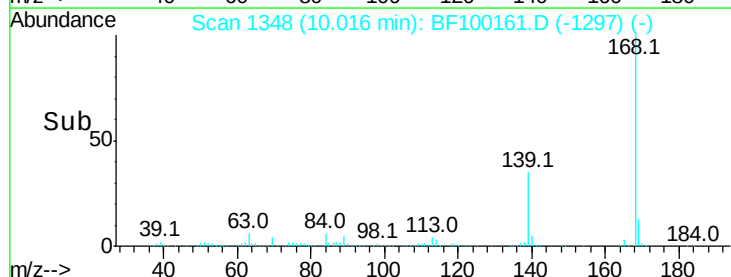
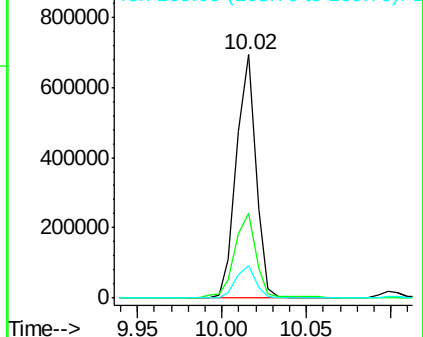


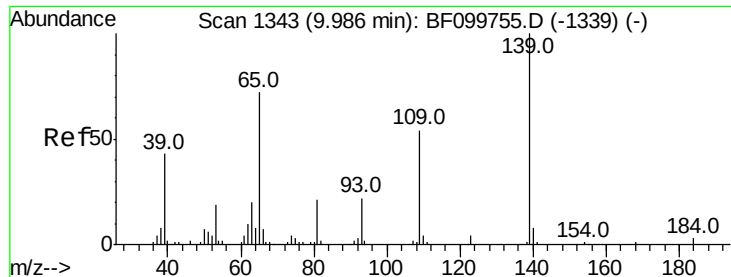
#54
 Dibenzofuran
 Concen: 32.990 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:168 Resp: 555366
 Ion Ratio Lower Upper
 168 100
 139 34.9 30.1 45.1
 169 13.5 10.9 16.3



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

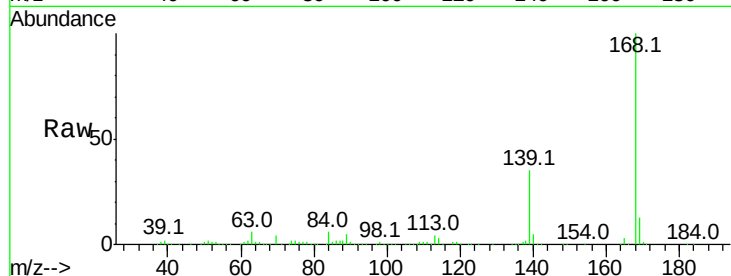




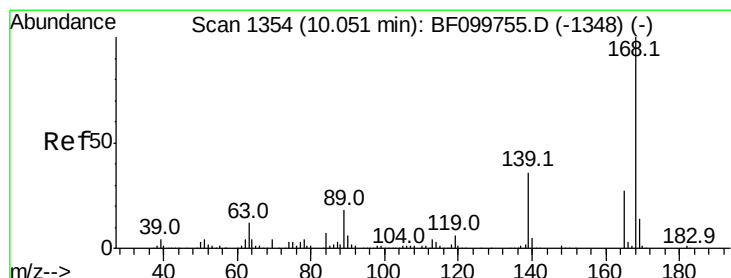
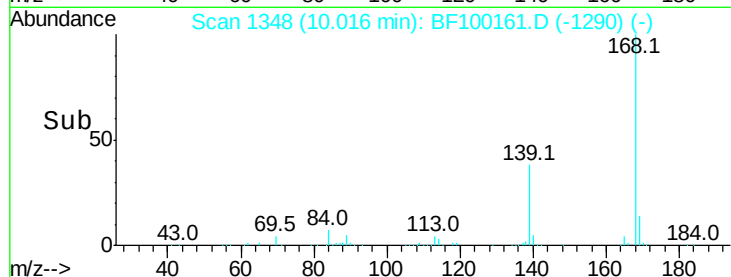
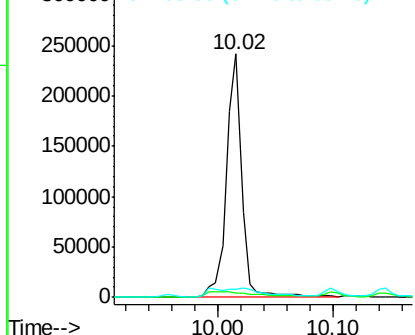
#55
4-Nitrophenol
Concen: 114.014 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.04 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 225401
Ion Ratio Lower Upper
139 100
109 1.9 48.4 88.4#
65 3.6 72.6 112.6#

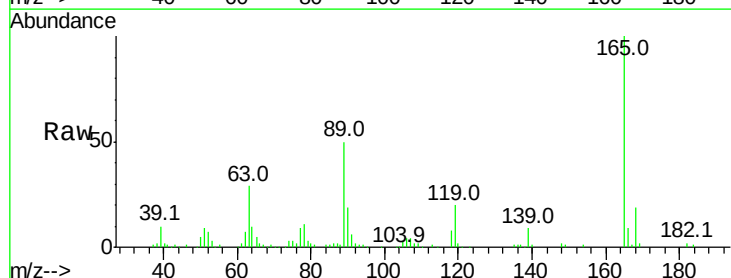


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

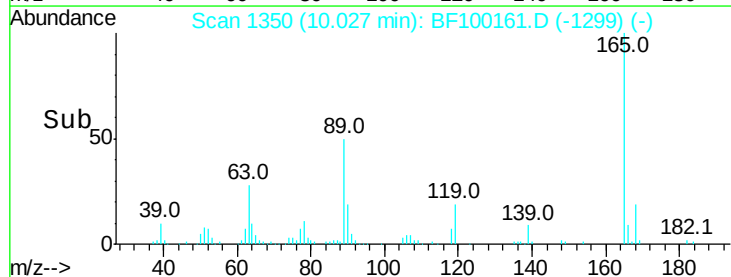
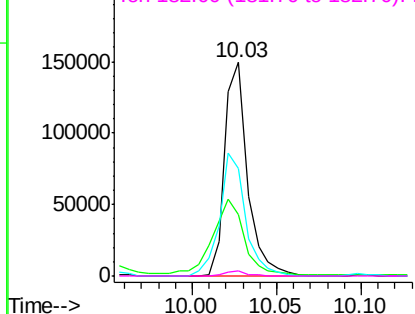


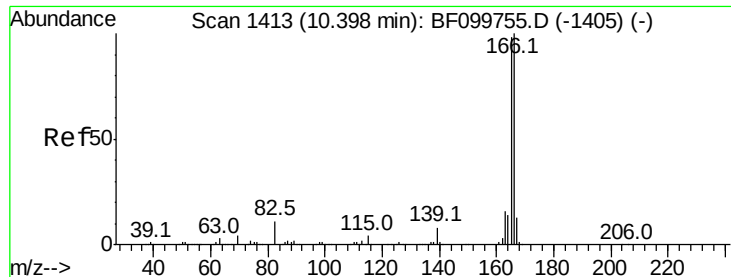
#56
2,4-Dinitrotoluene
Concen: 36.349 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion:165 Resp: 140568
Ion Ratio Lower Upper
165 100
63 28.7 36.4 54.6#
89 50.2 57.8 86.6#
182 2.4 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.519 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

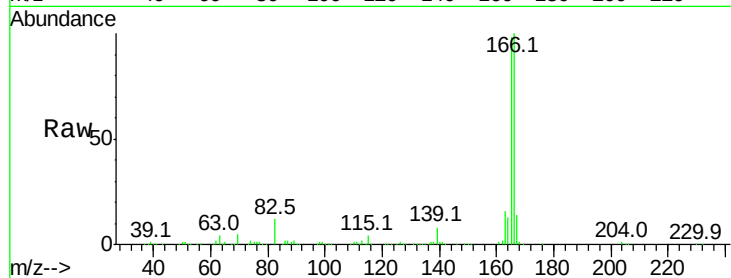
Tot Ion:166 Resp: 439321

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

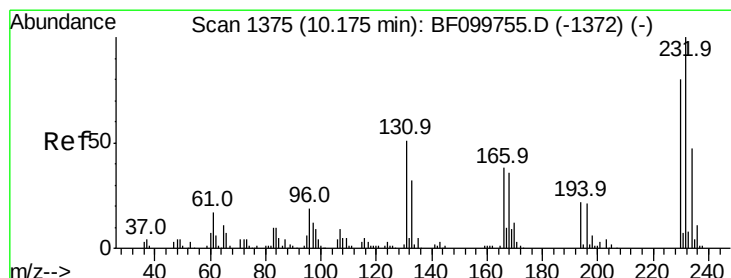
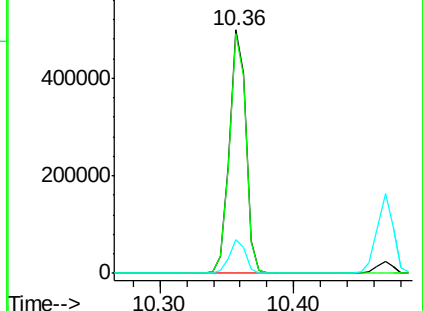
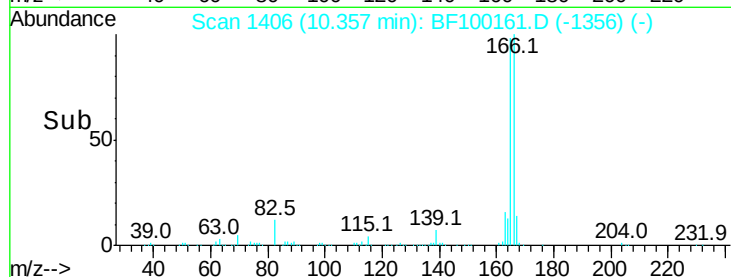
167 13.8 10.6 16.0



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: 32.280 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Tgt Ion:232 Resp: 90502

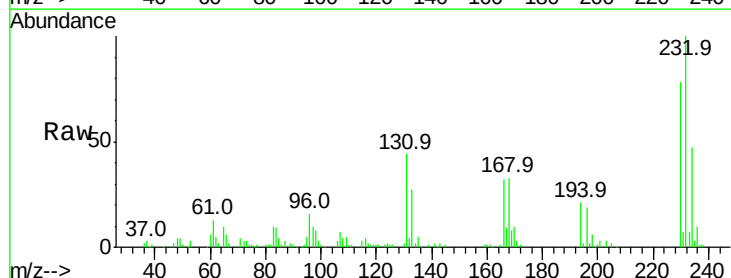
Ion Ratio Lower Upper

232 100

131 44.3 43.8 65.8

130 2.1 2.1 3.1

166 31.4 27.8 41.6

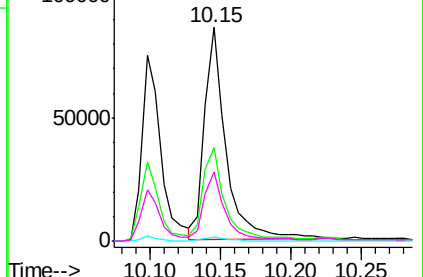
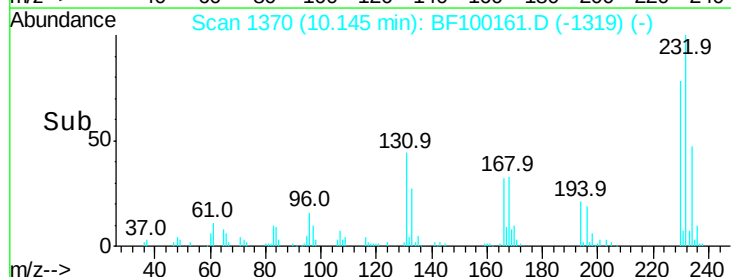


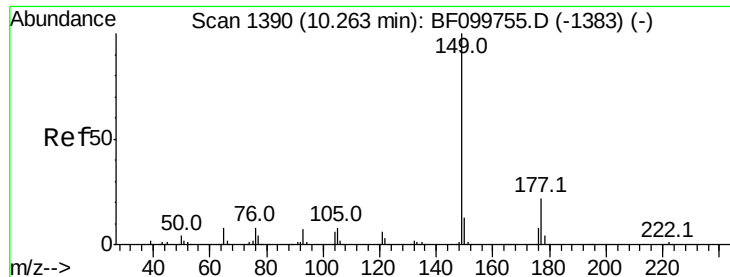
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 31.314 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

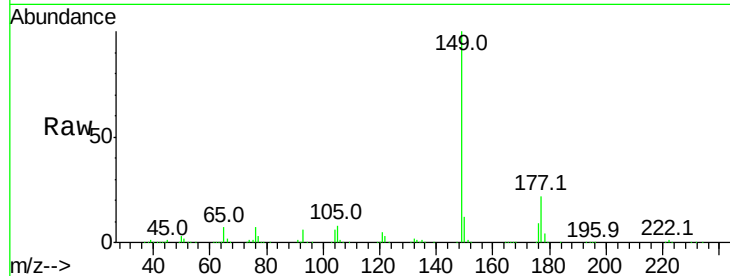
Tot Ion:149 Resp: 467103

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

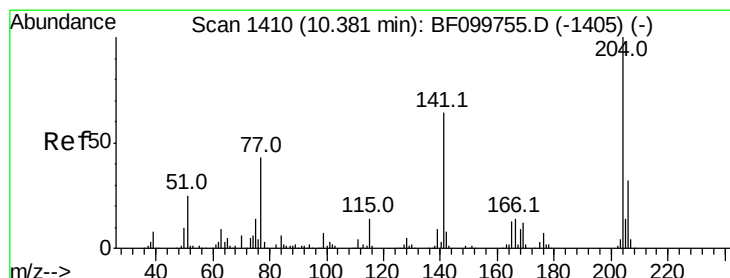
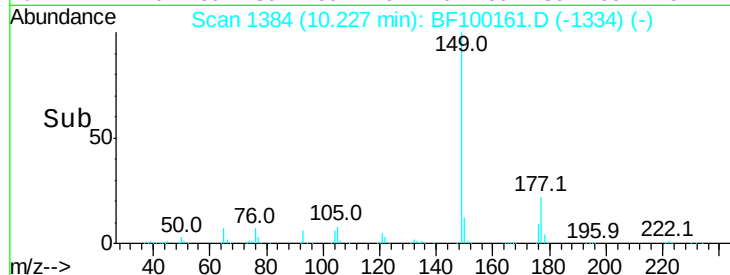
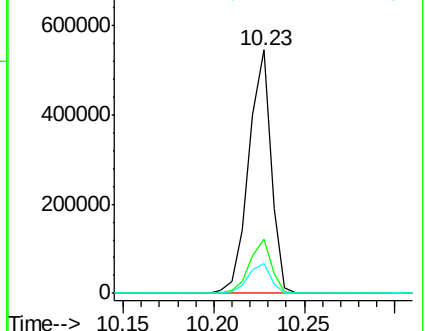
150 12.3 10.1 15.1



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: 31.668 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

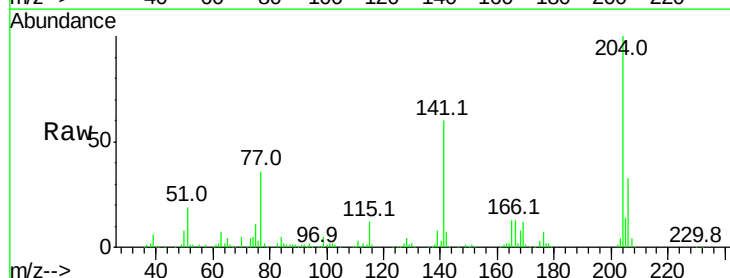
Tgt Ion:204 Resp: 207731

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

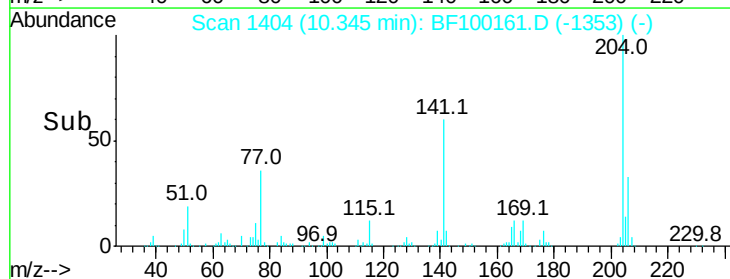
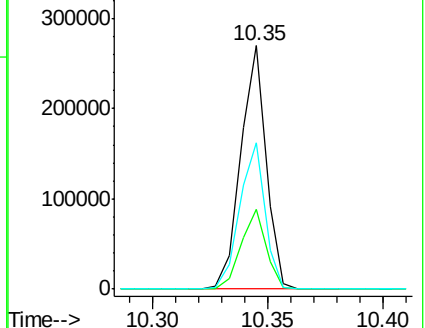
141 60.0 54.6 81.8

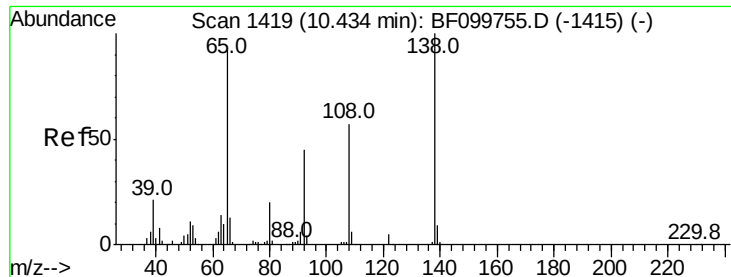


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

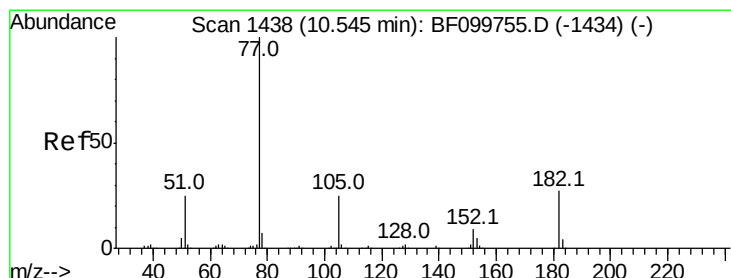
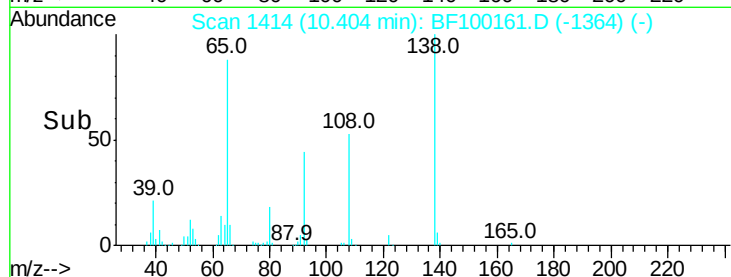
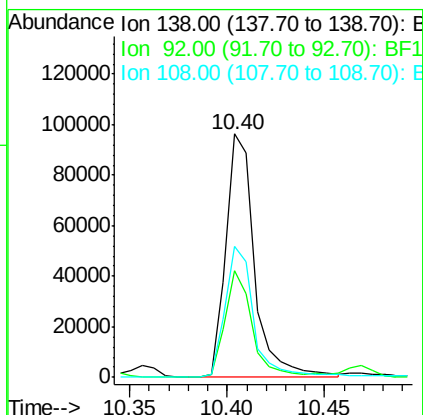
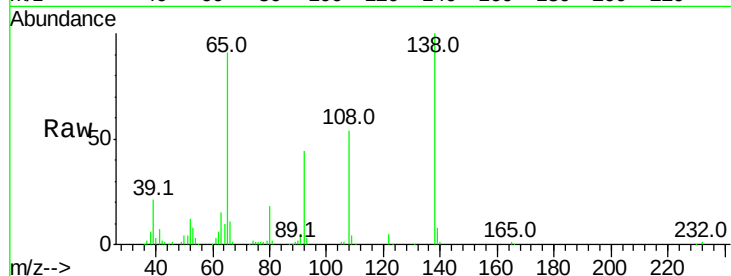




#61
4-Nitroaniline
Concen: 27.254 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

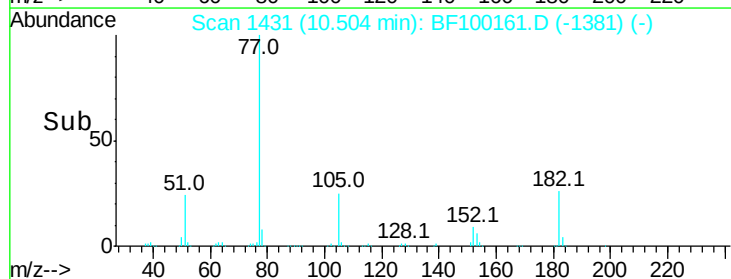
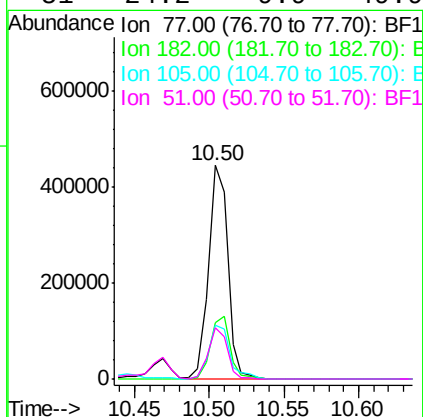
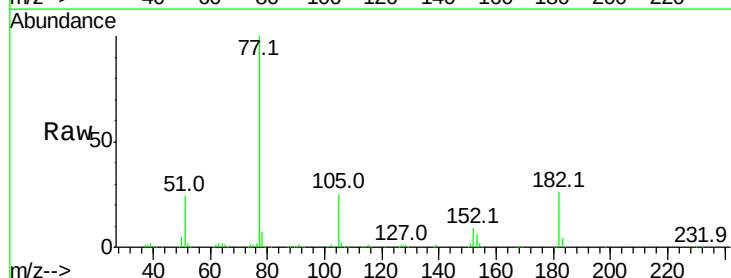
Instrument :
BNA_F
ClientSampleId :

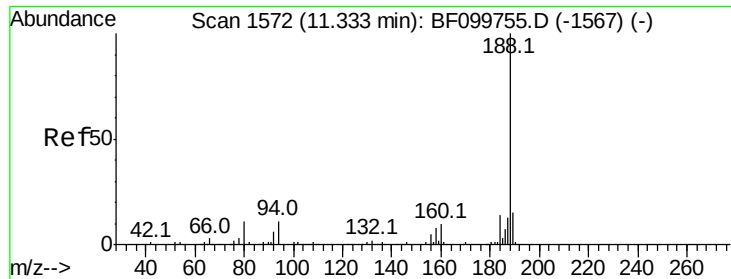
Tot Ion:138 Resp: 98385
Ion Ratio Lower Upper
138 100
92 43.7 30.2 70.2
108 54.0 52.5 92.5



#62
Azobenzene
Concen: 31.529 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion: 77 Resp: 394245
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 25.3 3.0 43.0
51 24.2 9.9 49.9

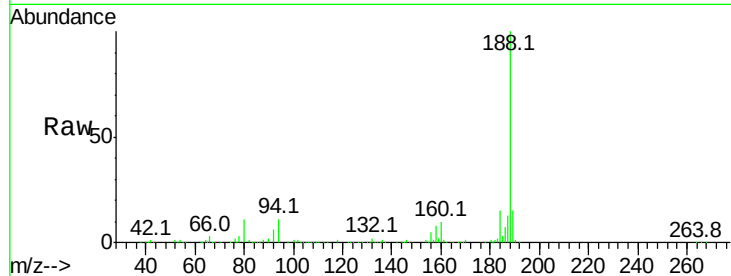




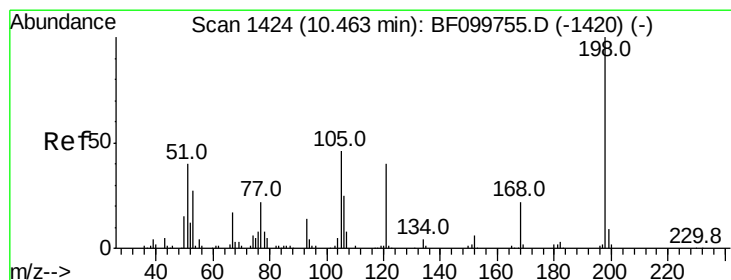
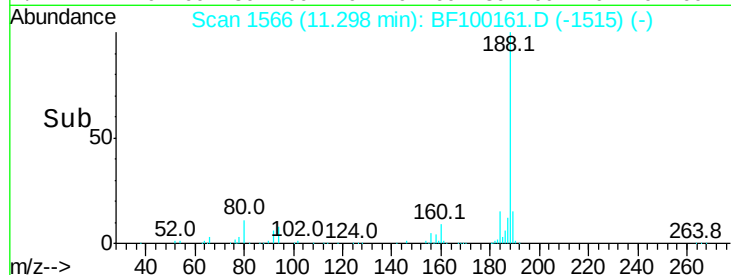
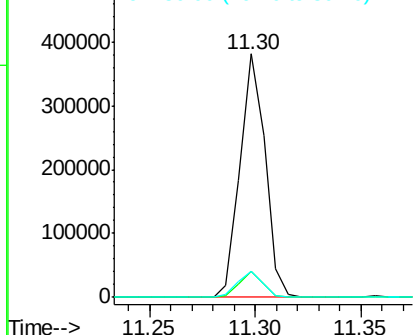
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 313356
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 10.8 9.2 13.8

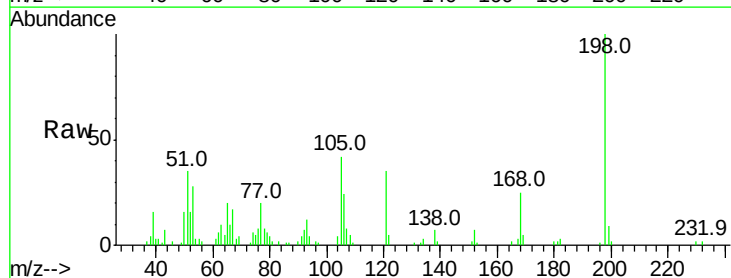


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

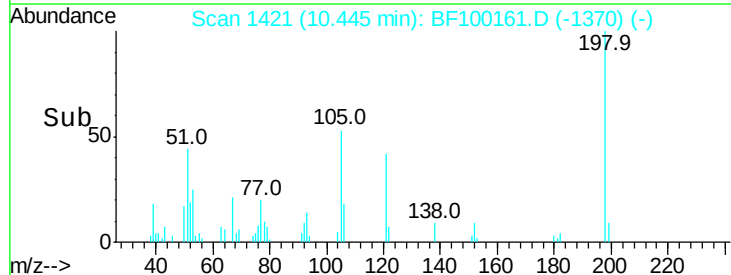
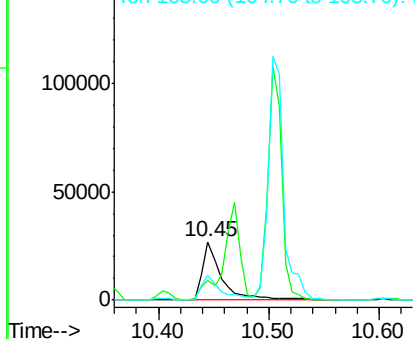


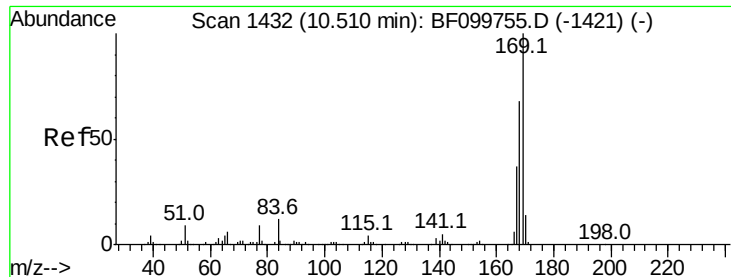
#64
4,6-Dinitro-2-methylphenol
Concen: 16.120 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion:198 Resp: 31753
Ion Ratio Lower Upper
198 100
51 34.7 37.7 77.7#
105 42.2 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

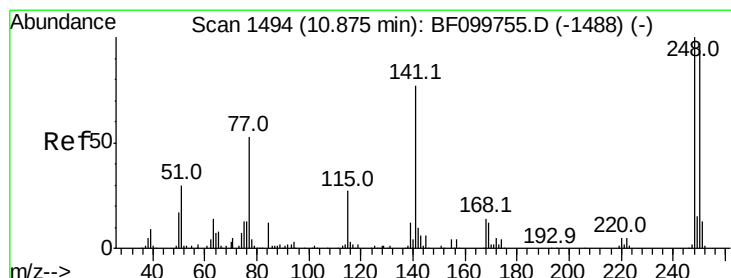
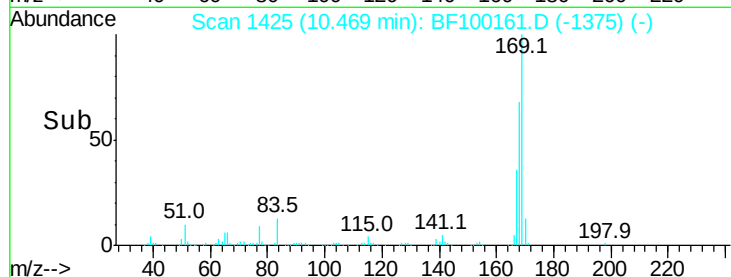
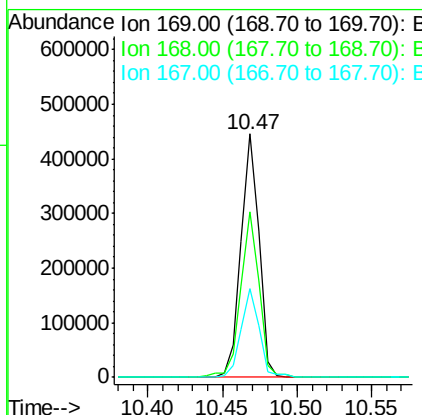
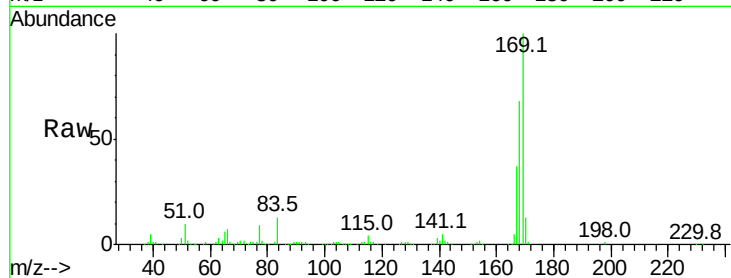




#65
 n-Nitrosodiphenylamine
 Concen: 32.552 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

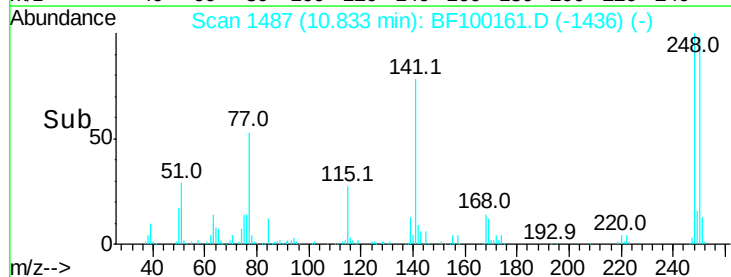
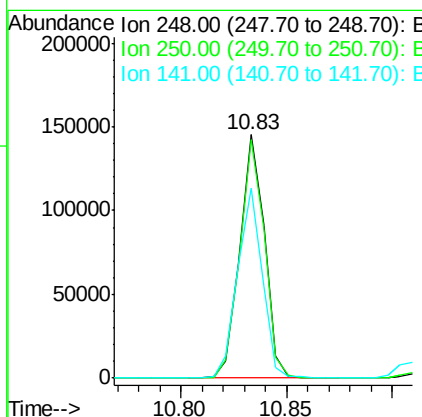
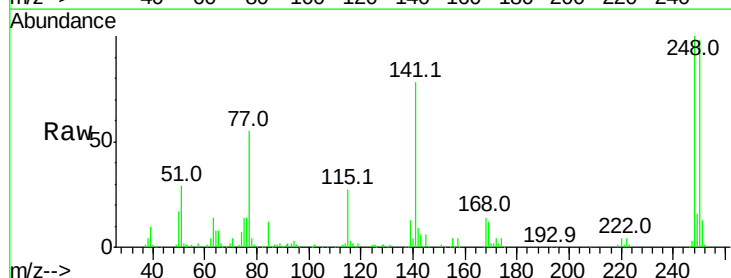
Instrument :
 BNA_F
 ClientSampleId :

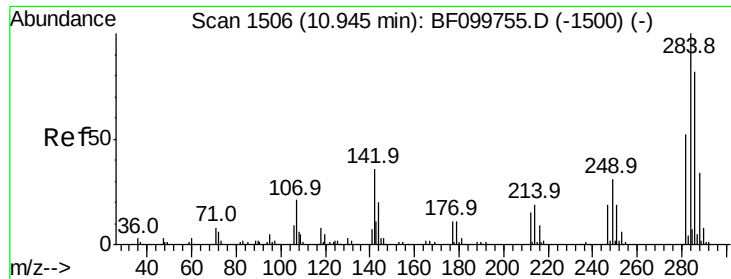
Tot Ion:169 Resp: 376540
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 35.413 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:248 Resp: 116823
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.9 115.3
 141 78.0 74.4 111.6

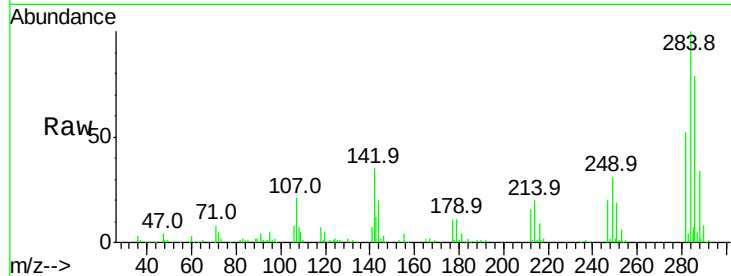




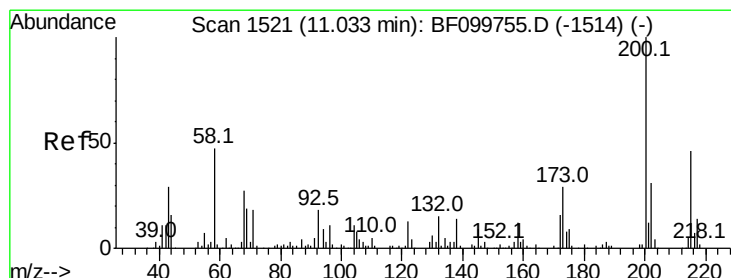
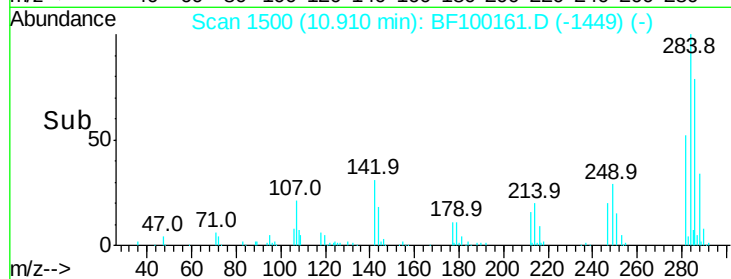
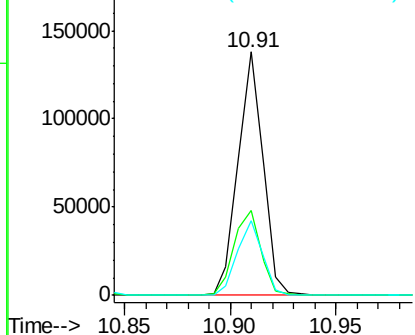
#67
Hexachlorobenzene
Concen: 33.302 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 112392
Ion Ratio Lower Upper
284 100
142 34.8 34.6 52.0
249 30.9 24.8 37.2

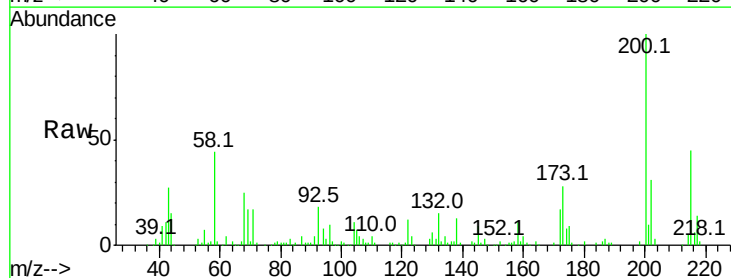


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

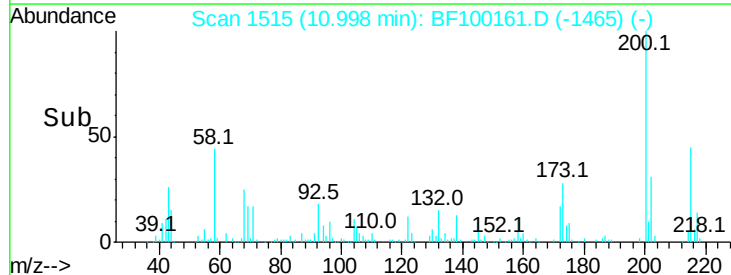
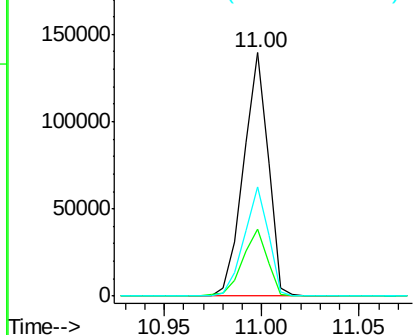


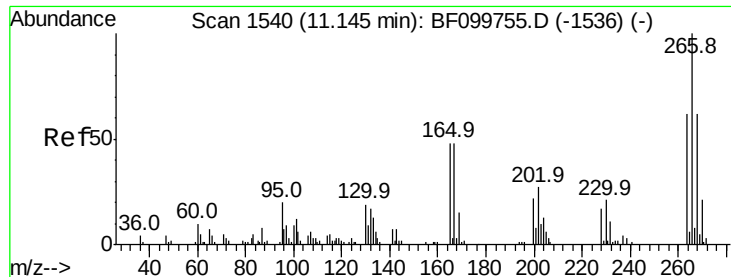
#68
Atrazine
Concen: 35.085 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion:200 Resp: 121907
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 44.6 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

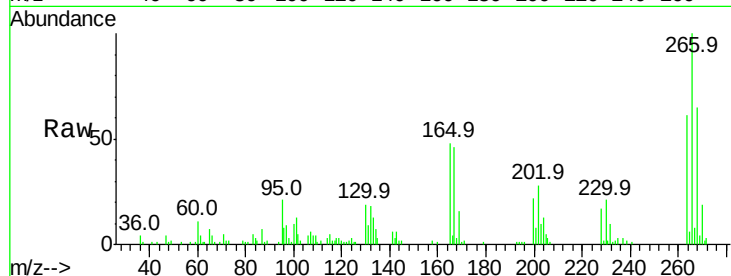




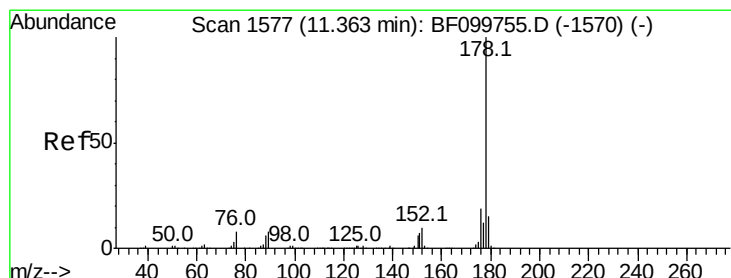
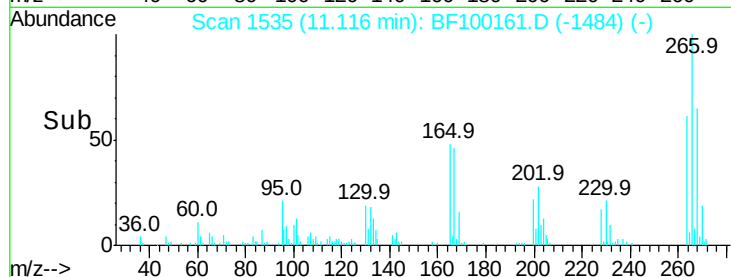
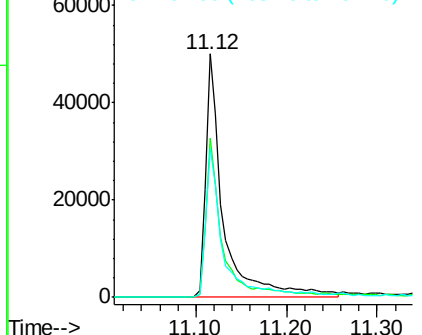
#69
 Pentachlorophenol
 Concen: 47.879 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 69047
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.1 76.7
 264 61.3 49.5 74.3

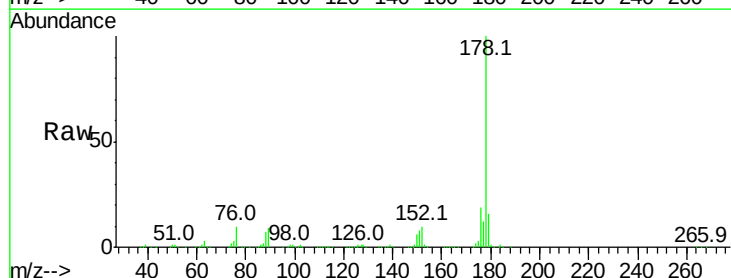


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

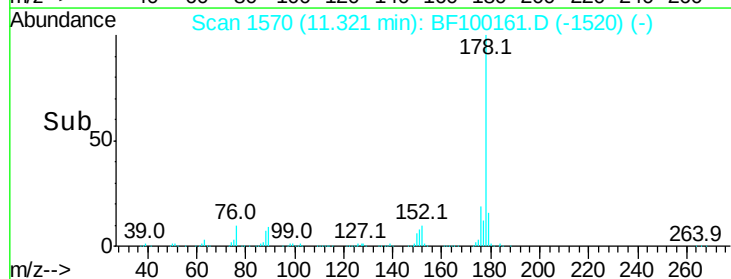
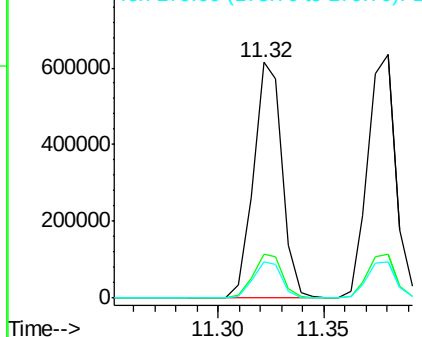


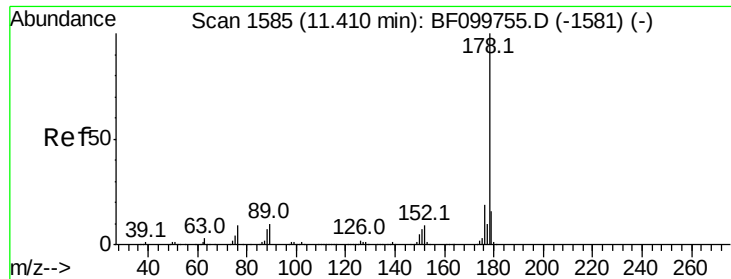
#70
 Phenanthrene
 Concen: 32.780 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:178 Resp: 579691
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 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

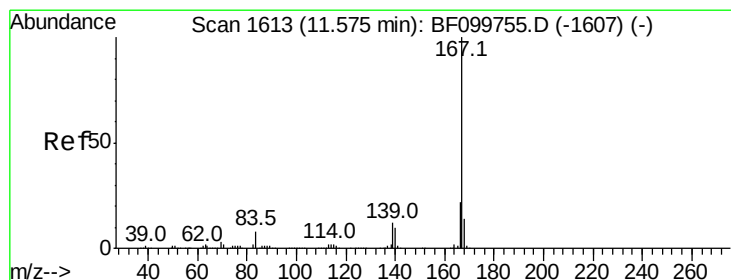
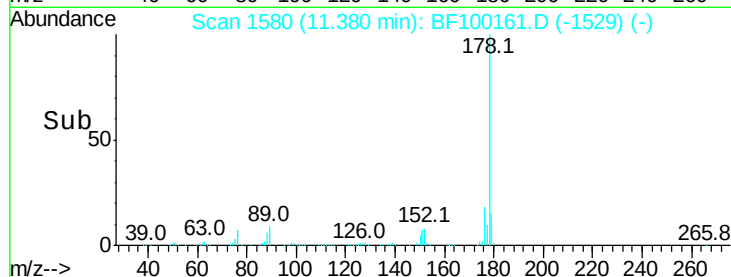
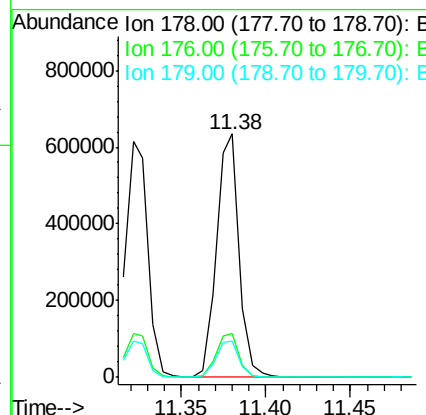
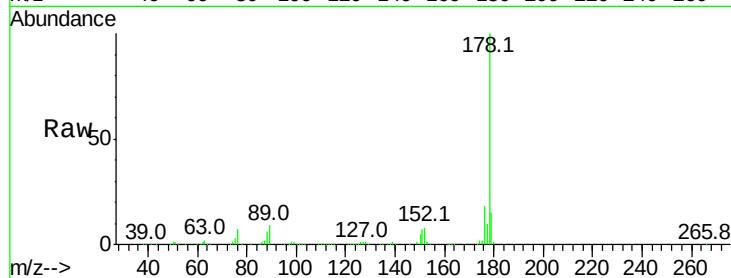




#71
 Anthracene
 Concen: 33.099 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

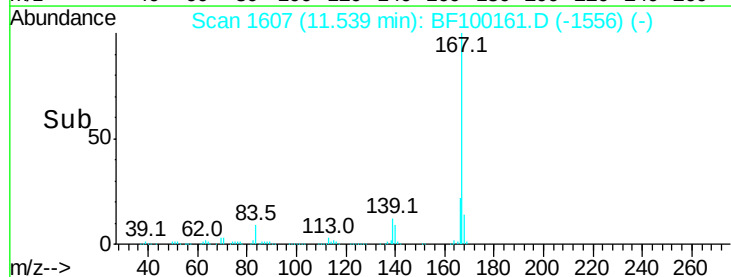
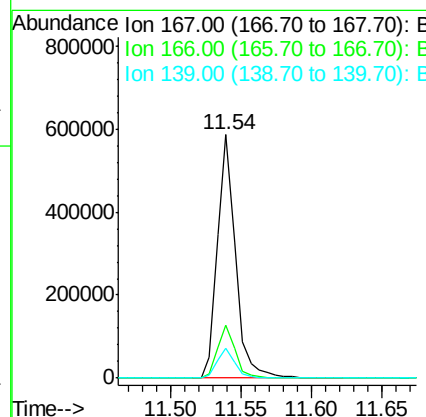
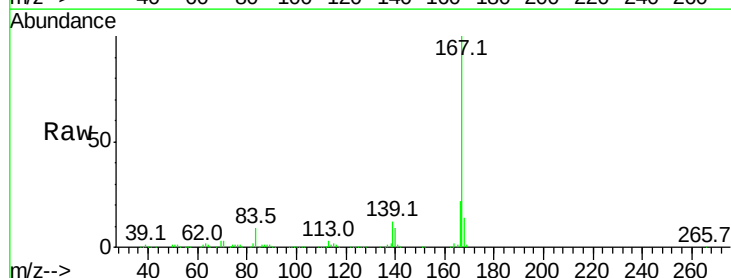
Instrument :
 BNA_F
 ClientSampleId :

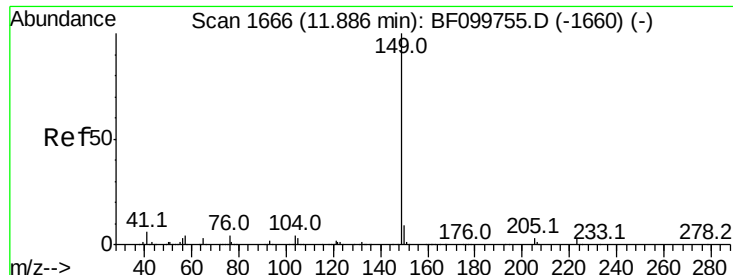
Tot Ion:178 Resp: 594143
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 31.266 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:167 Resp: 527785
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.798 ng

RT: 11.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

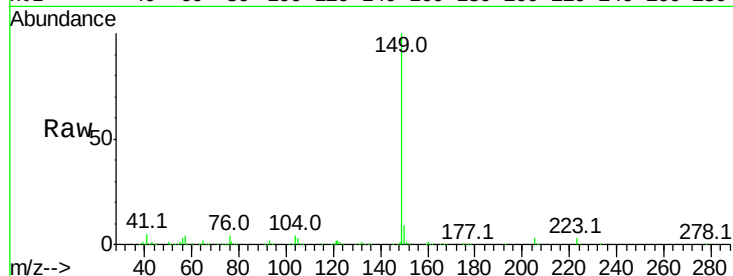
Tot Ion:149 Resp: 706151

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

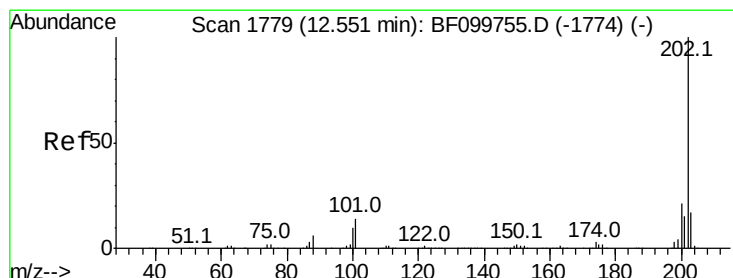
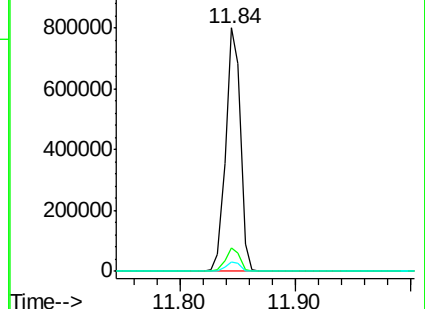
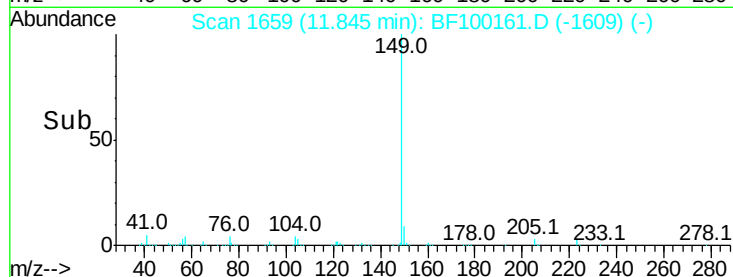
104 3.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.142 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

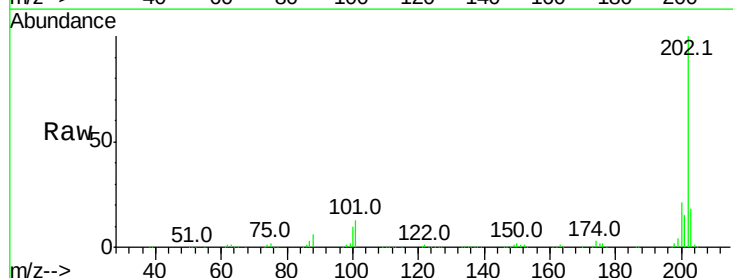
Tgt Ion:202 Resp: 498813

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

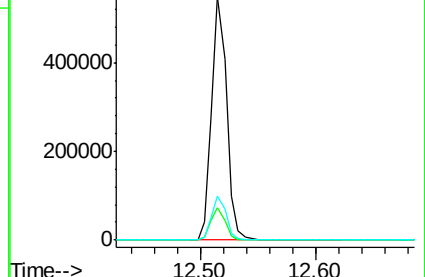
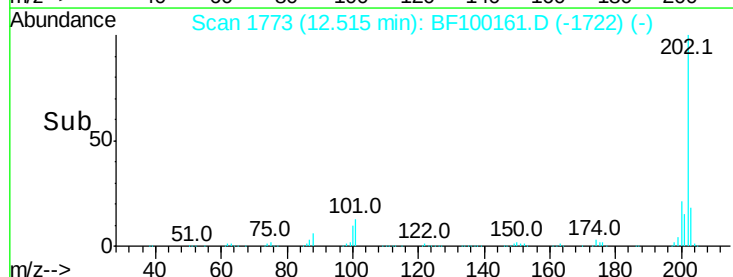
203 17.8 0.0 38.1

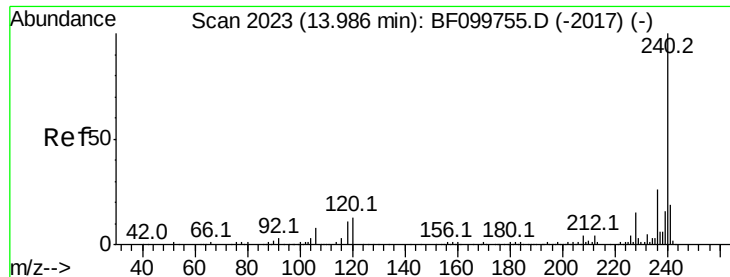


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

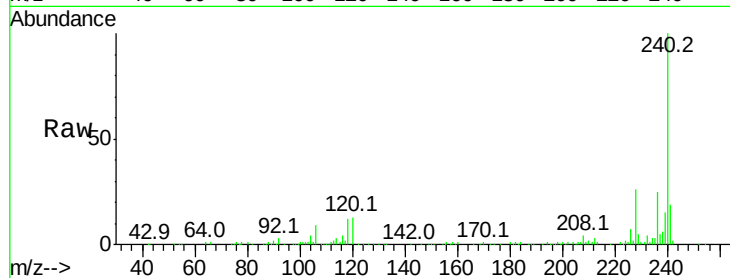
Tot Ion:240 Resp: 170767

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

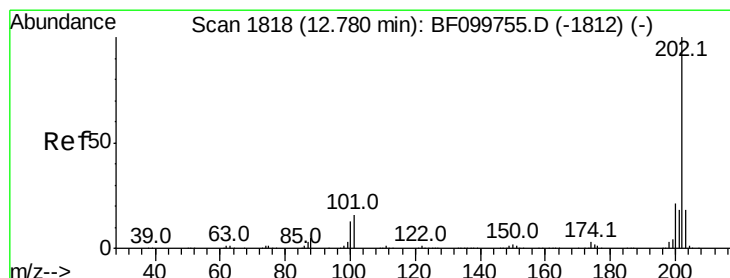
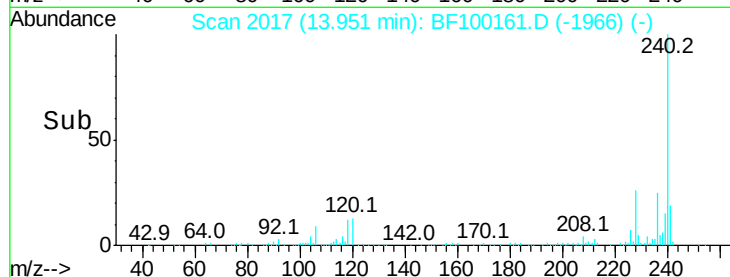
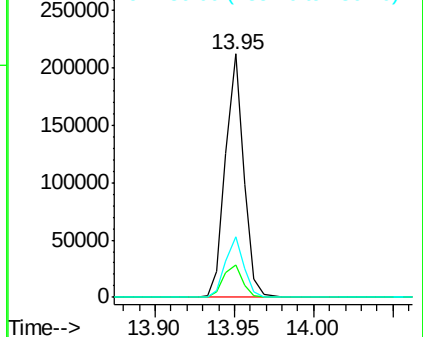
236 24.7 20.7 31.1



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



#77

Pyrene

Concen: 37.641 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

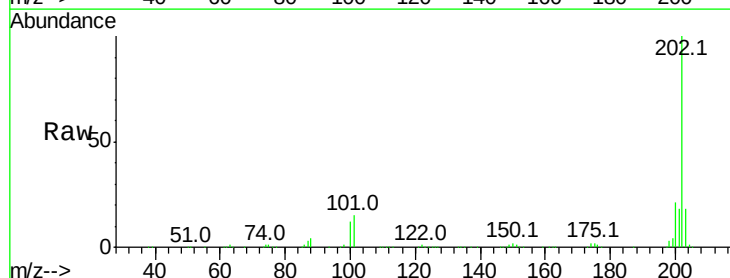
Tgt Ion:202 Resp: 488771

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

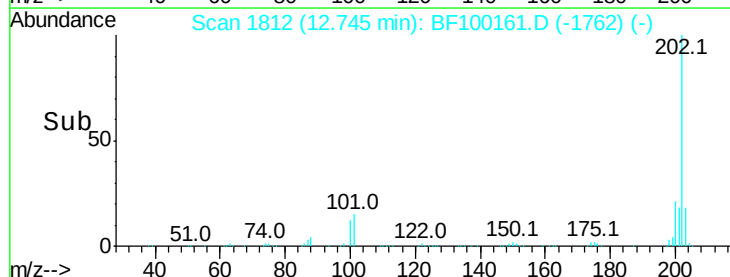
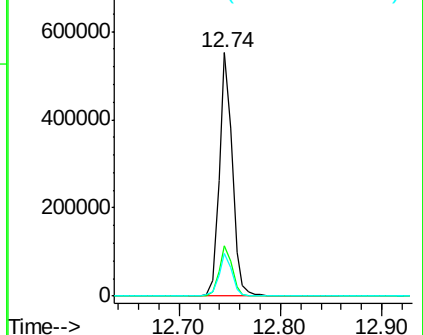
203 17.7 14.3 21.5

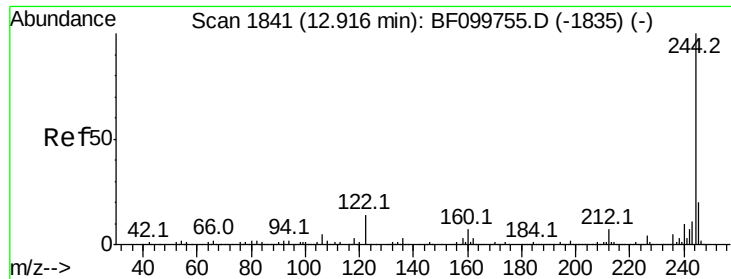


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

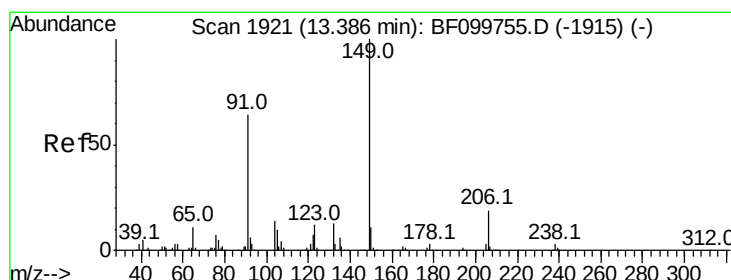
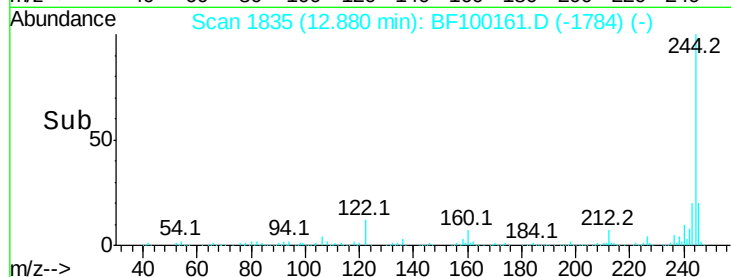
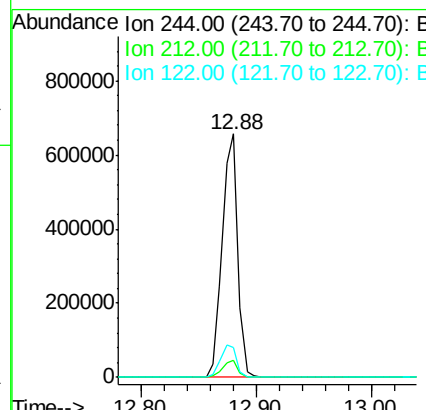
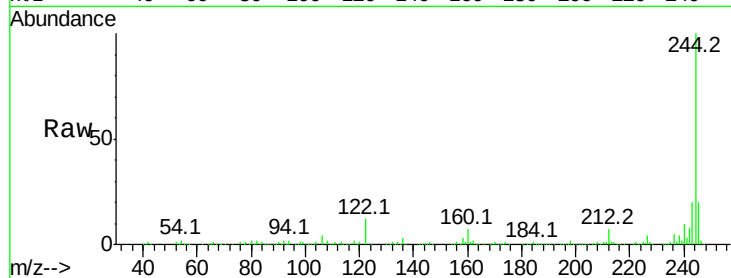




#78
 Terphenyl-d14
 Concen: 78.107 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

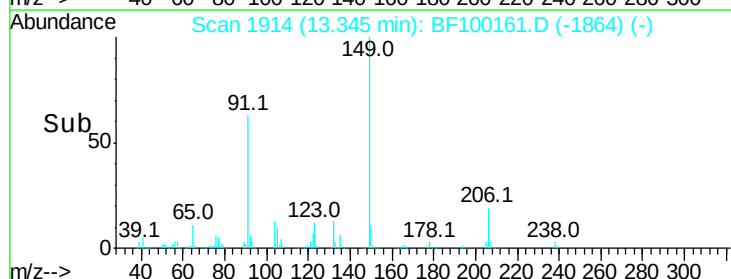
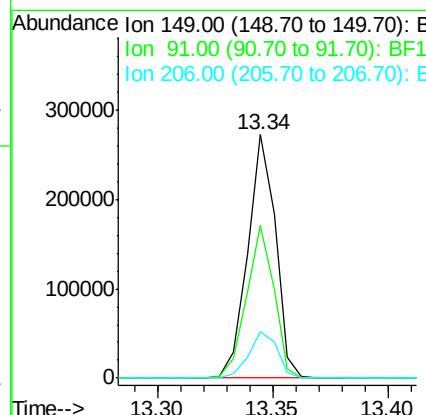
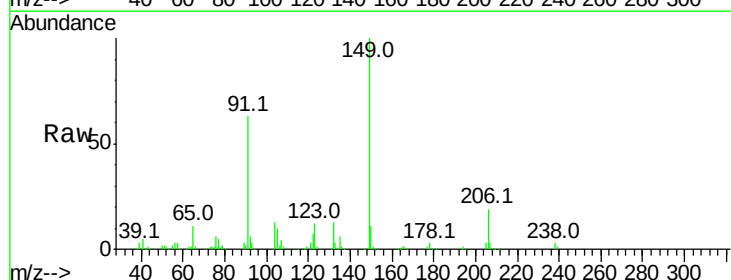
Instrument :
 BNA_F
 ClientSampleId :

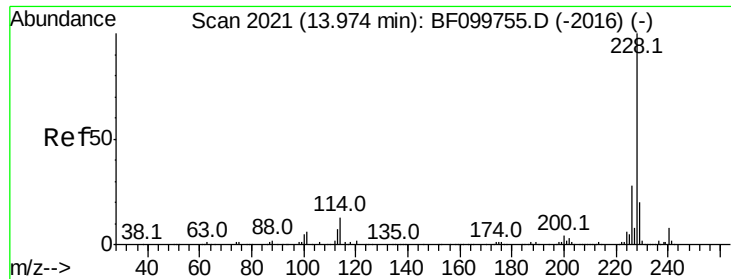
Tot Ion:244 Resp: 610335
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.4 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 35.973 ng
 RT: 13.34 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:149 Resp: 230019
 Ion Ratio Lower Upper
 149 100
 91 62.6 56.8 85.2
 206 19.4 14.1 21.1





#80

Benzo(a)anthracene

Concen: 31.993 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampled :

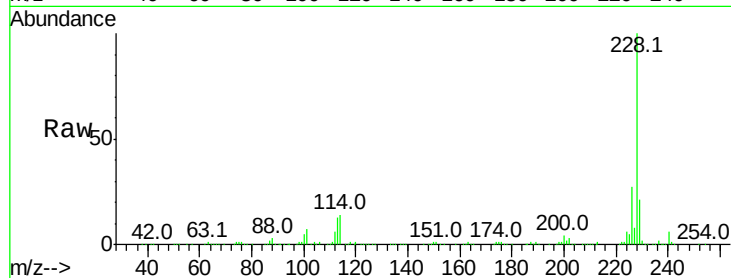
Tot Ion:228 Resp: 346340

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

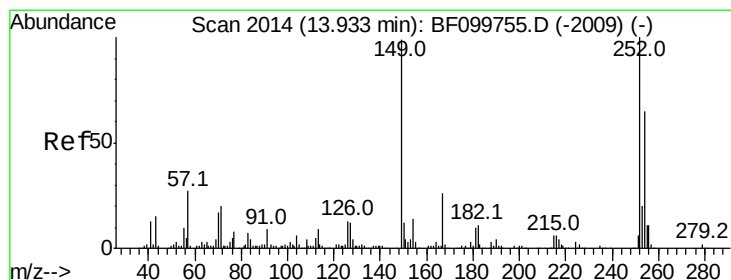
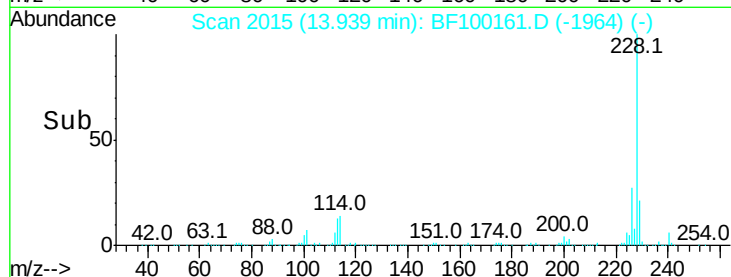
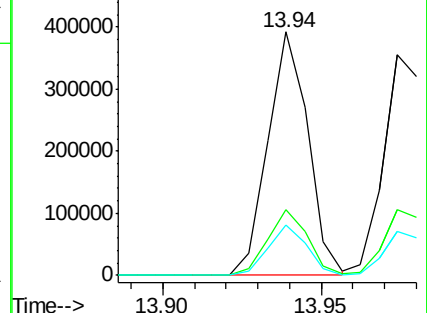
229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 21.529 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

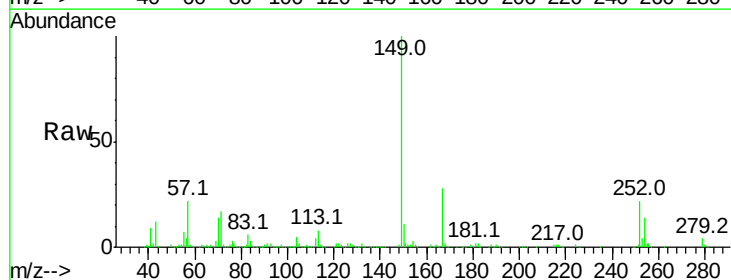
Tgt Ion:252 Resp: 84599

Ion Ratio Lower Upper

252 100

254 64.9 50.4 75.6

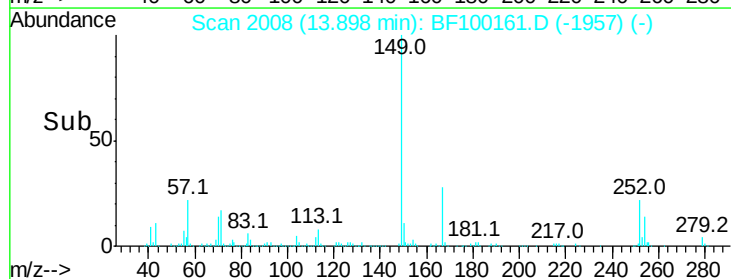
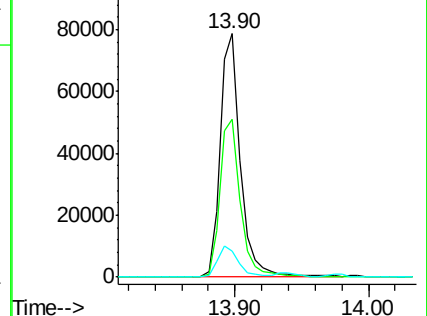
126 10.7 11.3 16.9#

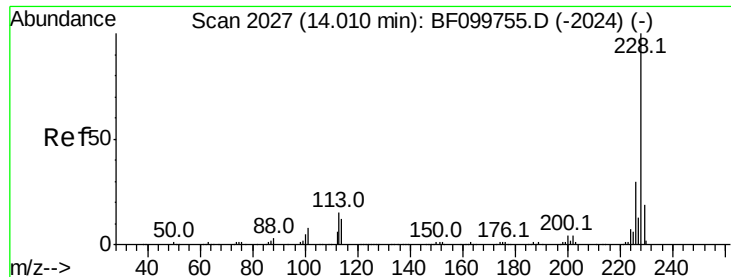


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.186 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

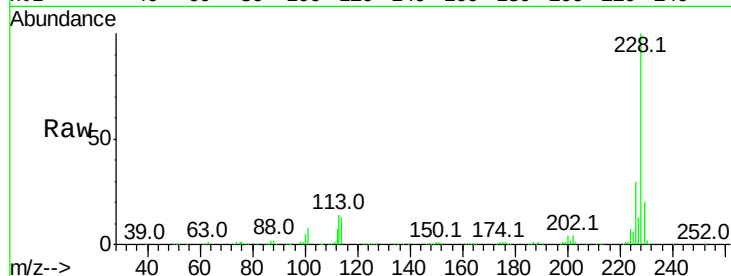
Tot Ion:228 Resp: 337743

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

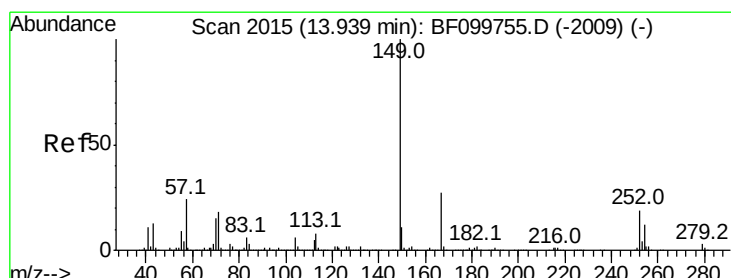
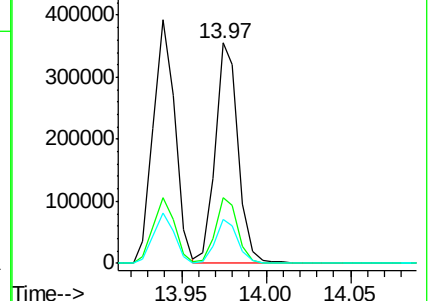
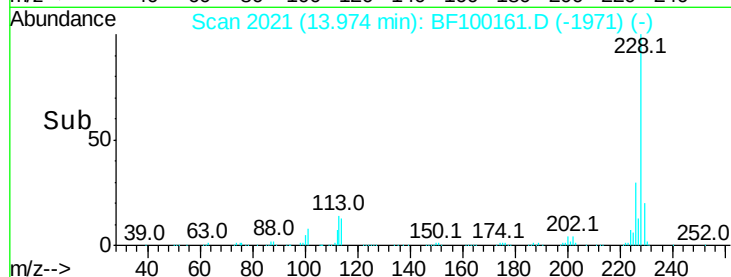
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.288 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

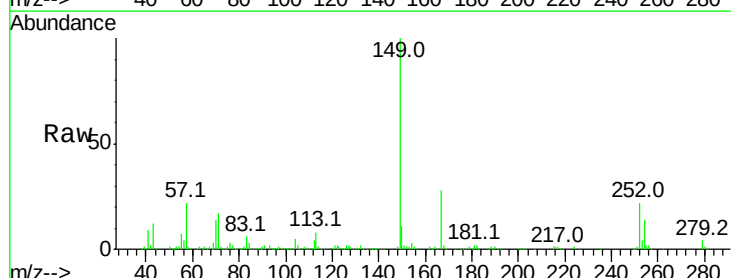
Tgt Ion:149 Resp: 298907

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

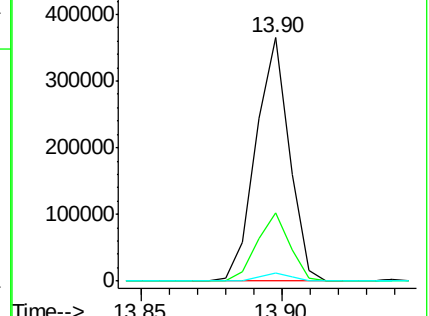
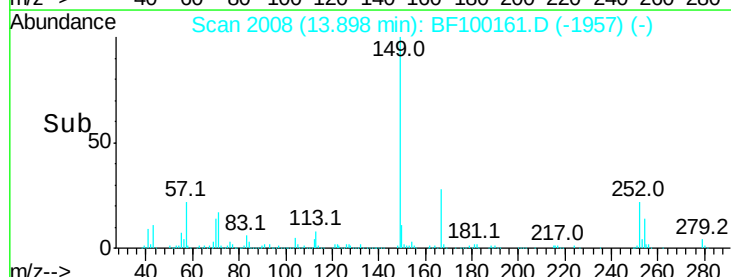
279 3.5 3.0 4.4

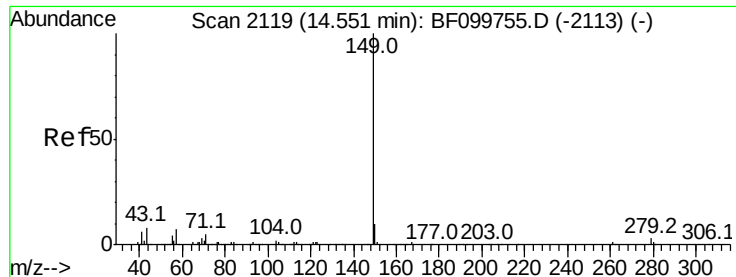


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

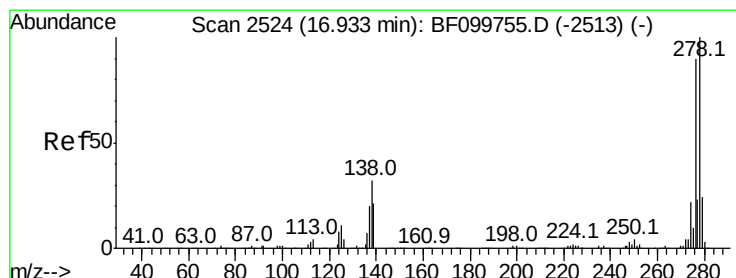
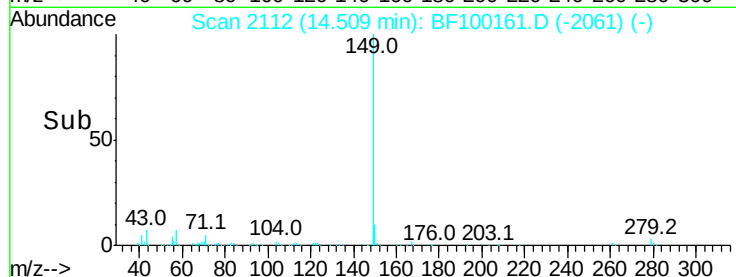
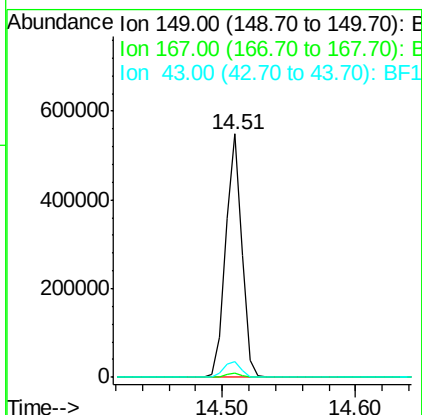
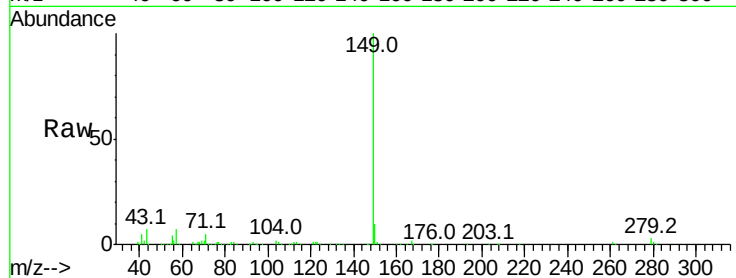




#84
Di-n-octyl phthalate
Concen: 30.458 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

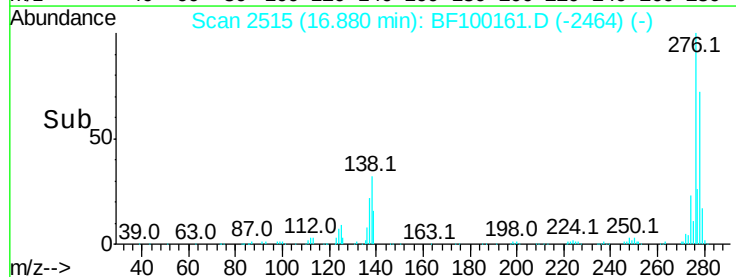
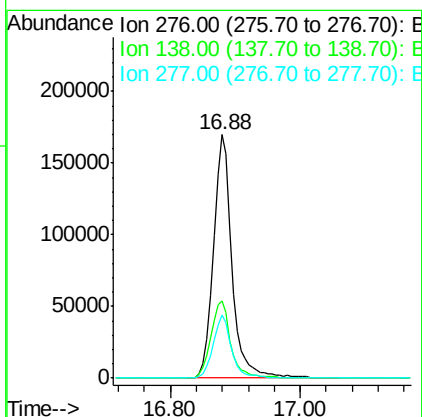
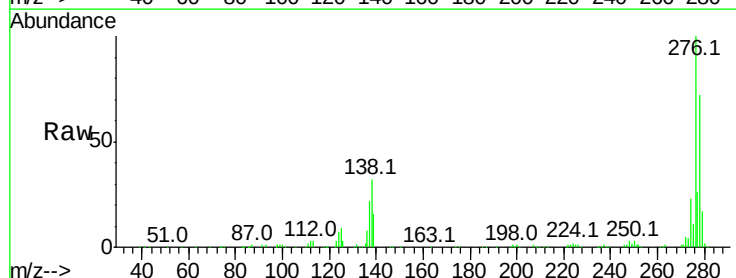
Instrument :
BNA_F
ClientSampleId :

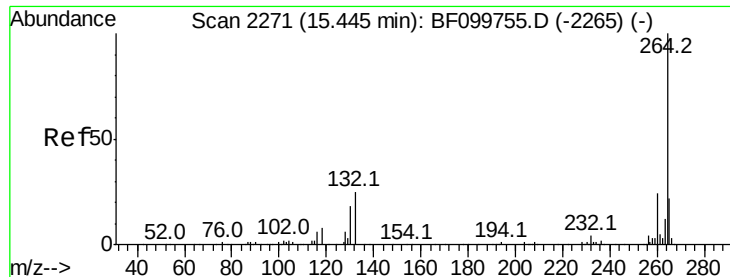
Tot Ion:149 Resp: 469418
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.0 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 35.802 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion:276 Resp: 334497
Ion Ratio Lower Upper
276 100
138 34.1 25.0 37.6
277 25.7 20.1 30.1

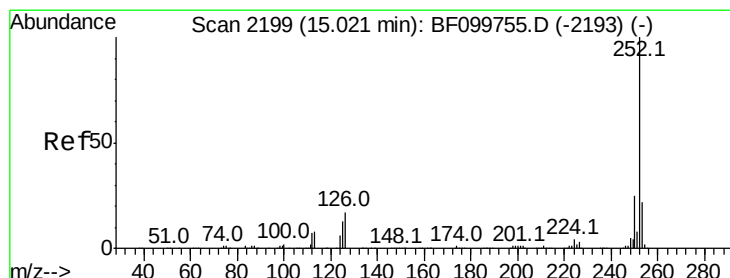
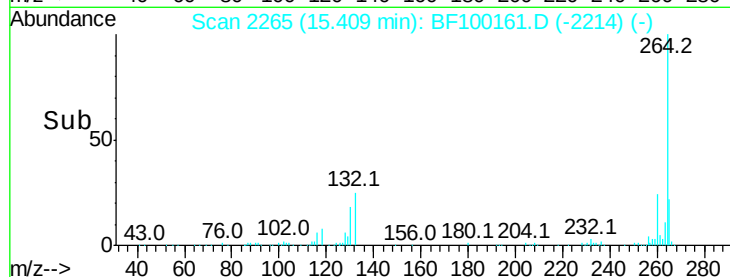
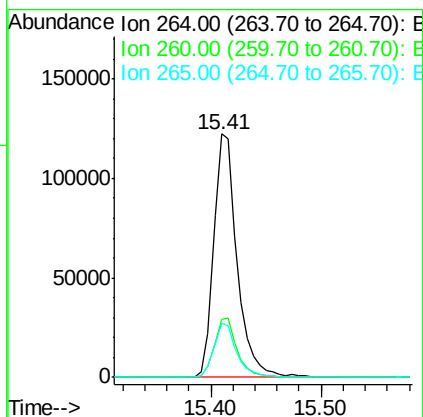
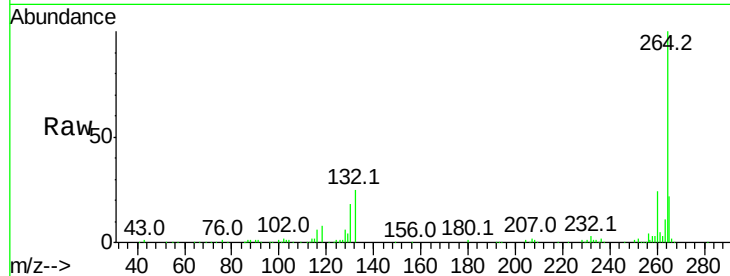




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

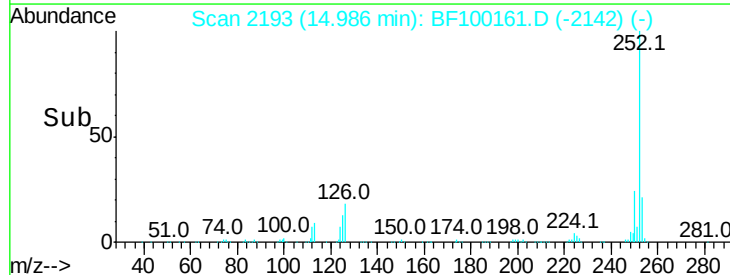
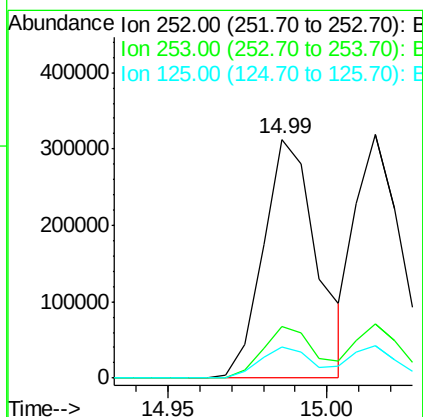
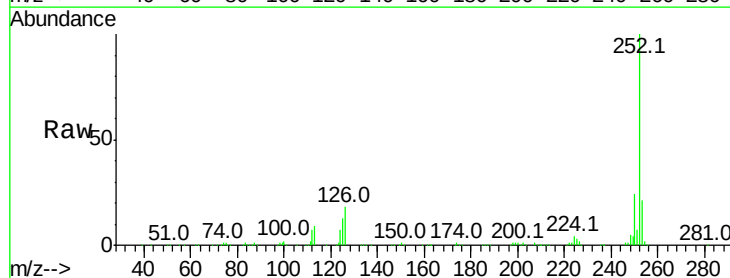
Instrument :
 BNA_F
 ClientSampleId :

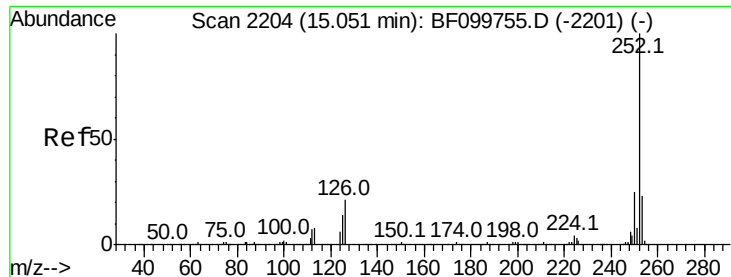
Tot Ion:264 Resp: 178466
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.1 17.5 26.3



#87
 Benzo(b)fluoranthene
 Concen: 32.631 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: BF100161.D
 Acq: 4 Nov 2017 4:27

Tgt Ion:252 Resp: 367723
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.0 25.6
 125 13.3 9.0 13.6

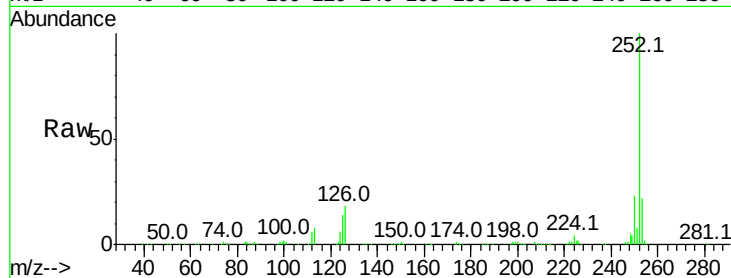




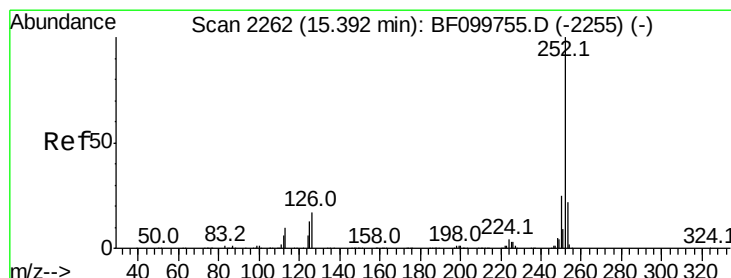
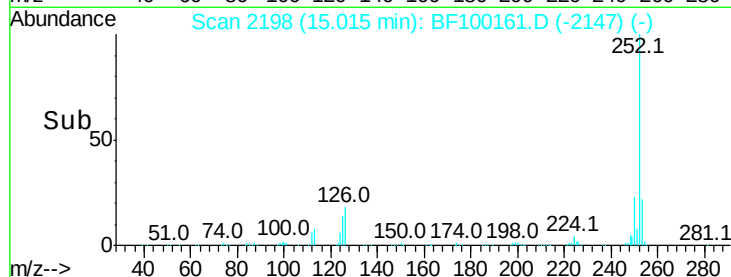
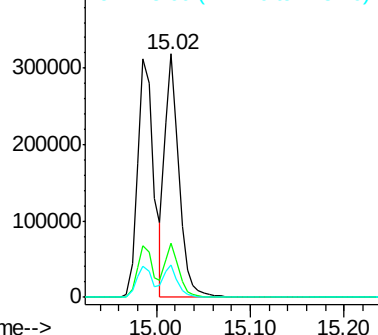
#88
Benzo(k)fluoranthene
Concen: 31.434 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 334037
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.5 10.2 15.2

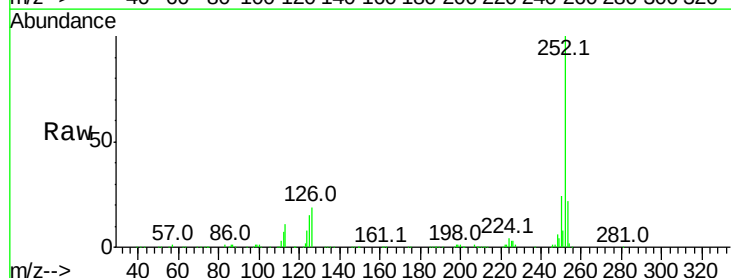


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

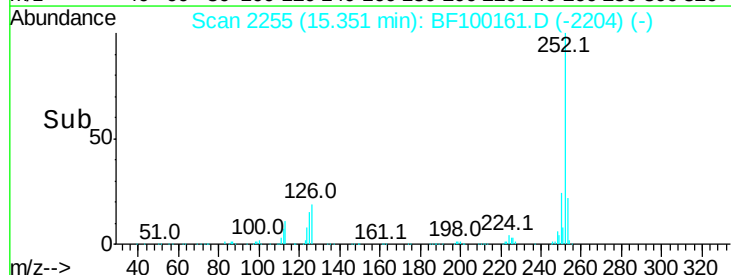
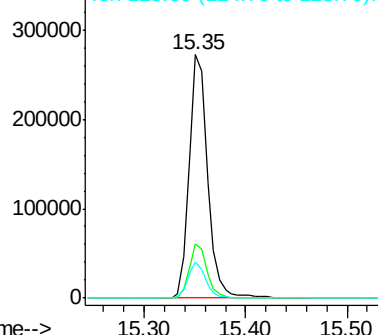


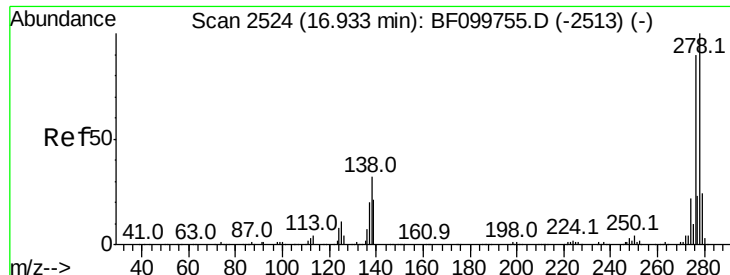
#89
Benzo(a)pyrene
Concen: 34.208 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.00 min
Lab File: BF100161.D
Acq: 4 Nov 2017 4:27

Tgt Ion:252 Resp: 346285
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 14.9 9.8 14.6#



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





#90

Dibenzo(a,h)anthracene

Concen: 32.097 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

Instrument :

BNA_F

ClientSampleId :

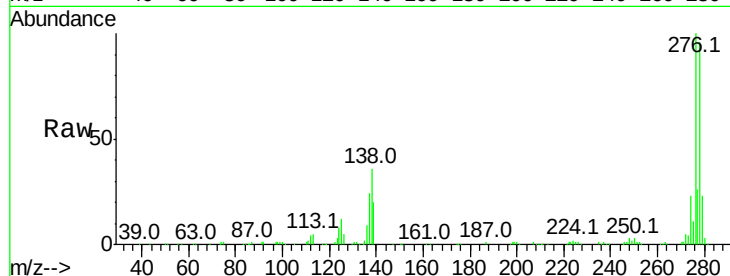
Tot Ion:278 Resp: 288714

Ion Ratio Lower Upper

278 100

139 21.0 15.9 23.9

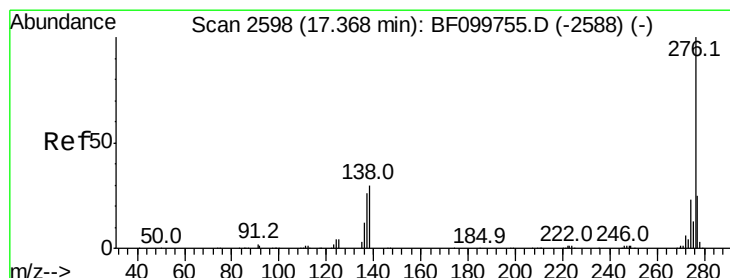
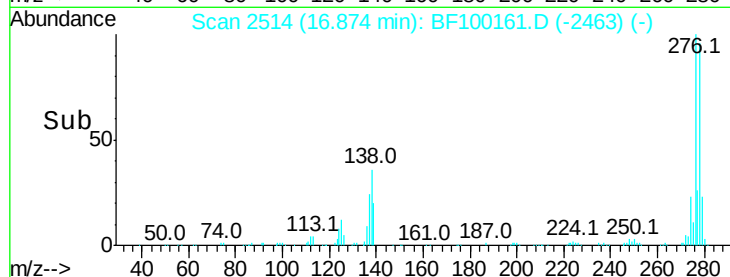
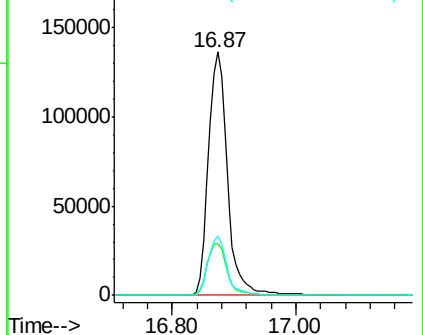
279 24.1 19.0 28.4



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(g,h,i)perylene

Concen: 30.832 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BF100161.D

Acq: 4 Nov 2017 4:27

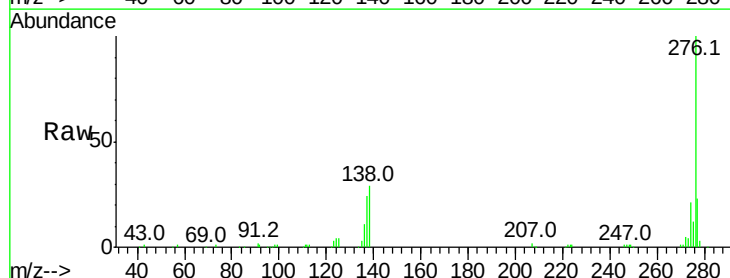
Tgt Ion:276 Resp: 271325

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 29.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

