

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101040.D
 Acq On : 1 Dec 2017 1:33
 Operator : SJ/JU
 Sample : I6630-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 03:30:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	58735	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	222016	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89696	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	137551	20.00	ng	0.00
75) Chrysene-d12	14.03	240	129914	20.00	ng	0.00
86) Perylene-d12	15.50	264	92761	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	339915	95.63	ng	0.01
7) Phenol-d6	6.50	99	416660	96.55	ng	0.01
23) Nitrobenzene-d5	7.42	82	246162	66.14	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	82722	76.77	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	500833	76.40	ng	0.00
78) Terphenyl-d14	12.96	244	364905	61.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	40670	27.670	ng	# 92
3) Pyridine	3.43	79	115067	30.199	ng	97
4) n-Nitrosodimethylamine	3.38	42	63506	34.125	ng	# 91
6) Aniline	6.52	93	97858	17.438	ng	98
8) 2-Chlorophenol	6.65	128	128520	33.162	ng	97
9) Benzaldehyde	6.40	77	49238	18.642	ng	95
10) Phenol	6.51	94	170313	35.493	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	119074	33.083	ng	99
12) 1,3-Dichlorobenzene	6.80	146	147925	32.780	ng	96
13) 1,4-Dichlorobenzene	6.87	146	149552	32.009	ng	97
14) 1,2-Dichlorobenzene	7.03	146	141434	32.455	ng	97
15) Benzyl Alcohol	7.00	79	109475	32.845	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	190602	38.959	ng	95
17) 2-Methylphenol	7.11	107	106470	34.022	ng	95
18) Hexachloroethane	7.36	117	38694	25.778	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	87522	30.115	ng	93
20) 3+4-Methylphenols	7.11	107	106470	26.088	ng	82
22) Acetophenone	7.27	105	172387	32.139	ng	# 92
24) Nitrobenzene	7.44	77	126310	34.628	ng	100
25) Isophorone	7.67	82	231343	36.391	ng	100
26) 2-Nitrophenol	7.76	139	60546	30.237	ng	92
27) 2,4-Dimethylphenol	7.79	122	113192	39.077	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	145991	34.168	ng	100
29) 2,4-Dichlorophenol	8.00	162	108775	34.499	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	118776	34.259	ng	97
31) Naphthalene	8.16	128	362531	33.132	ng	99
32) Benzoic acid	7.79	122	113192	50.243	ng	# 13
33) 4-Chloroaniline	8.21	127	59082	13.438	ng	97
34) Hexachlorobutadiene	8.27	225	70733	33.264	ng	98
35) Caprolactam	8.57	113	29778	30.305	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	103953	31.828	ng	99
37) 2-Methylnaphthalene	8.85	142	243530	32.755	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	111114	34.100	ng	# 96
40) Hexachlorocyclopentadiene	9.00	237	4308	9.264	ng	95

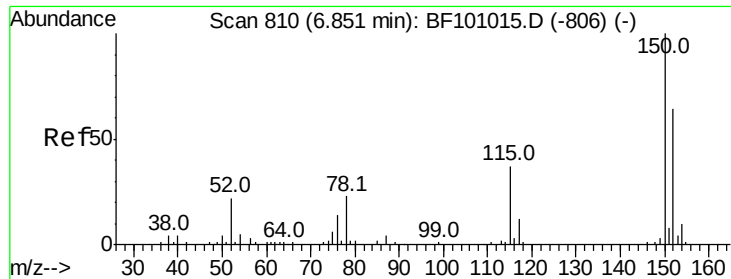
Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101040.D
 Acq On : 1 Dec 2017 1:33
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	72125	37.759	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	74556	36.509	nq	# 93
45) 1,1'-Biphenyl	9.32	154	280922	34.184	nq	96
46) 2-Chloronaphthalene	9.34	162	215527	36.929	nq	97
47) 2-Nitroaniline	9.44	65	60725	35.168	nq	99
48) Acenaphthylene	9.76	152	315771	32.923	nq	100
49) Dimethylphthalate	9.62	163	278208	38.460	nq	98
50) 2,6-Dinitrotoluene	9.68	165	49167	32.270	nq	87
51) Acenaphthene	9.93	154	181805	31.656	nq	99
52) 3-Nitroaniline	9.85	138	47024	27.445	nq	88
53) 2,4-Dinitrophenol	9.96	184	1229	6.301	nq	# 26
54) Dibenzofuran	10.10	168	270963	32.739	nq	99
55) 4-Nitrophenol	10.02	139	62087	53.731	nq	91
56) 2,4-Dinitrotoluene	10.09	165	57131	27.980	nq	# 90
57) Fluorene	10.45	166	202224	30.057	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	51572	31.541	nq	# 86
59) Diethylphthalate	10.31	149	235762	33.043	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	105416	31.734	nq	89
61) 4-Nitroaniline	10.46	138	43404	24.404	nq	92
62) Azobenzene	10.59	77	182709	30.175	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	3193	3.461	nq	83
65) n-Nitrosodiphenylamine	10.55	169	186236	38.378	nq	96
66) 4-Bromophenyl-phenylether	10.92	248	59808	38.845	nq	# 89
67) Hexachlorobenzene	10.99	284	58355	35.364	nq	# 86
68) Atrazine	11.07	200	54263	36.454	nq	99
69) Pentachlorophenol	11.19	266	52535	57.902	nq	96
70) Phenanthrene	11.40	178	257664	34.016	nq	98
71) Anthracene	11.46	178	265484	34.629	nq	98
72) Carbazole	11.62	167	223710	31.938	nq	98
73) Di-n-butylphthalate	11.93	149	304663	34.701	nq	98
74) Fluoranthene	12.60	202	273190	32.536	nq	95
77) Pyrene	12.83	202	283298	31.602	nq	98
79) Butylbenzylphthalate	13.43	149	126696	32.056	nq	94
80) Benzo(a)anthracene	14.02	228	270918	33.028	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	67403	23.727	nq	# 98
82) Chrysene	14.05	228	252815	33.187	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	221894	39.375	nq	99
84) Di-n-octyl phthalate	14.60	149	310461	33.088	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.99	276	159042	23.483	nq	# 93
87) Benzo(b)fluoranthene	15.07	252	201918	36.341	nq	97
88) Benzo(k)fluoranthene	15.10	252	197530	36.085	nq	# 97
89) Benzo(a)pyrene	15.44	252	169781	33.612	nq	97
90) Dibenzo(a,h)anthracene	17.00	278	132548	29.765	nq	# 95
91) Benzo(g,h,i)perylene	17.44	276	128682	30.663	nq	# 88

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

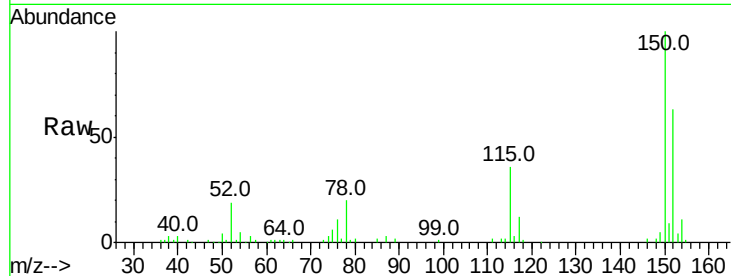


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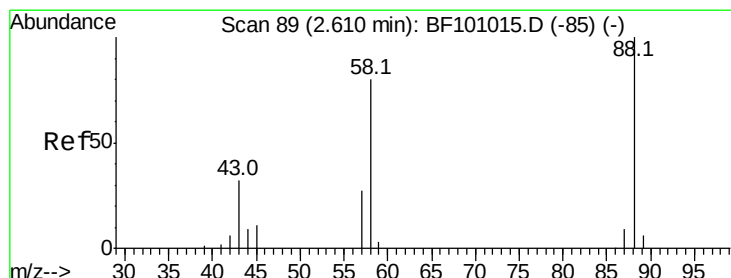
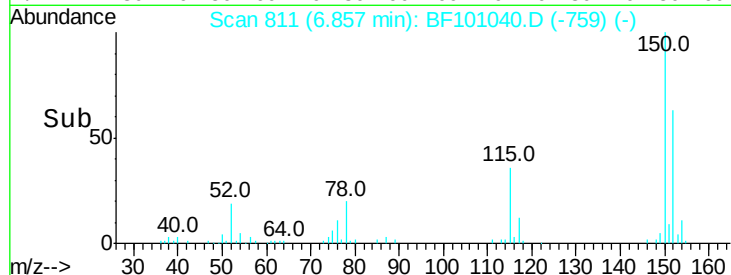
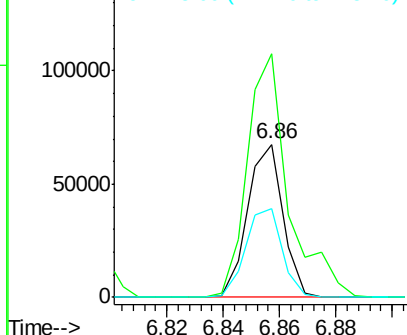
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58735
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 57.7 50.1 75.1



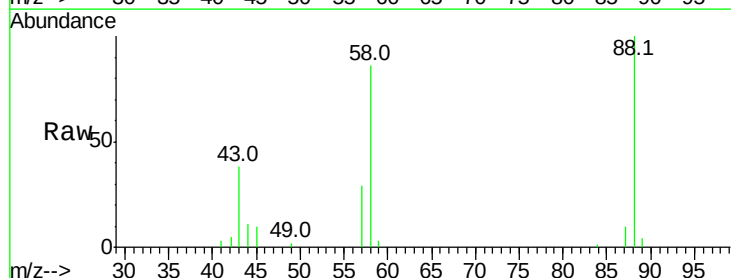
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



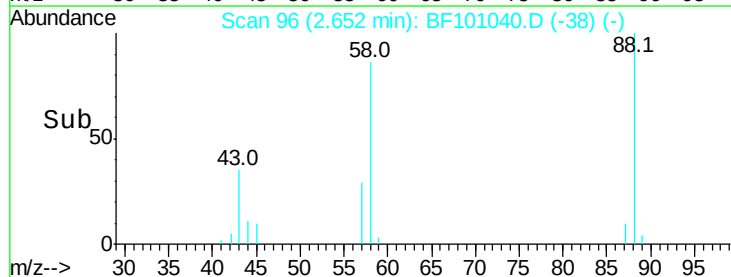
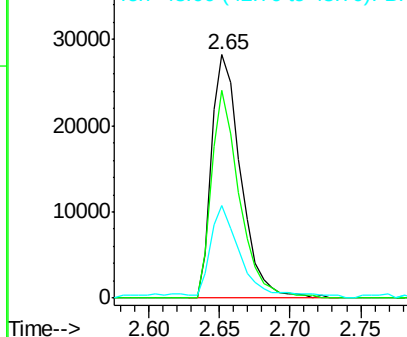
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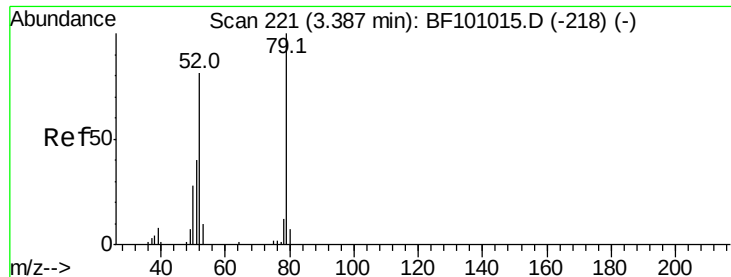
1,4-Dioxane
Concen: 27.670 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.04 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion: 88 Resp: 40670
Ion Ratio Lower Upper
88 100
58 81.5 62.6 93.8
43 40.6 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

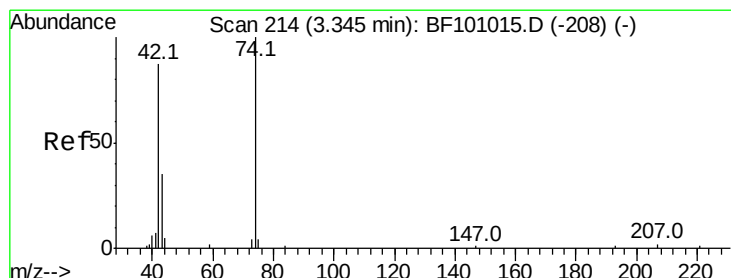
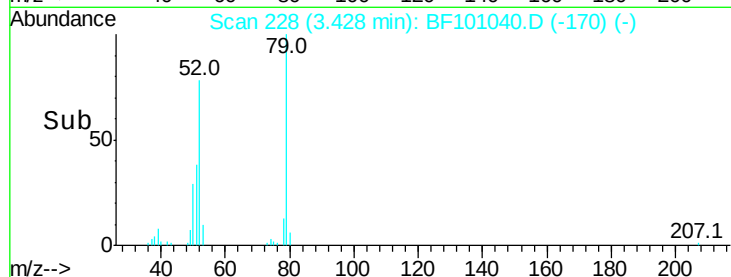
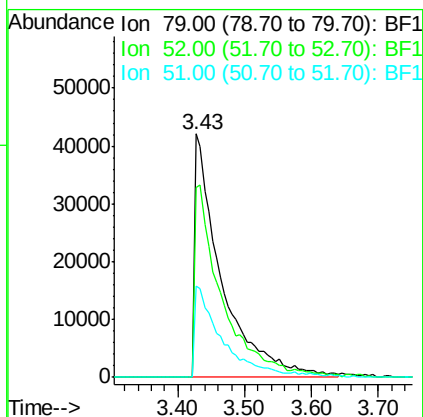
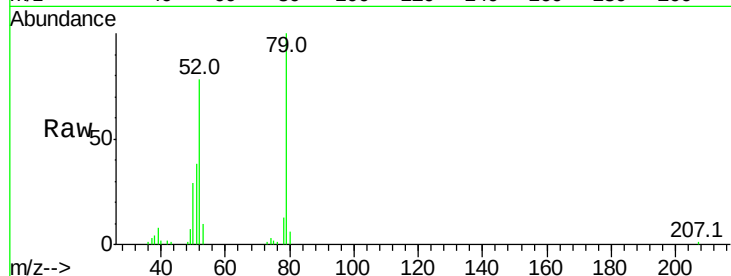




#3
 Pvridine
 Concen: 30.199 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.04 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

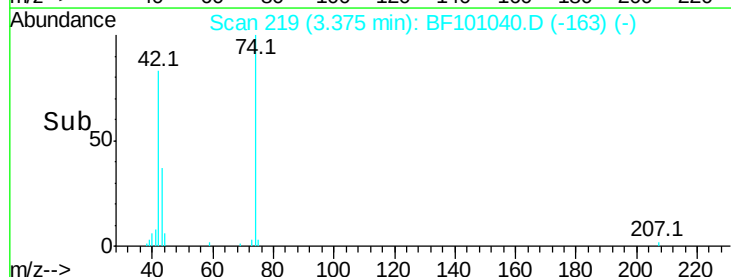
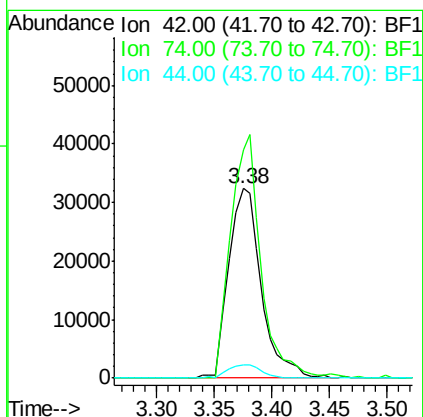
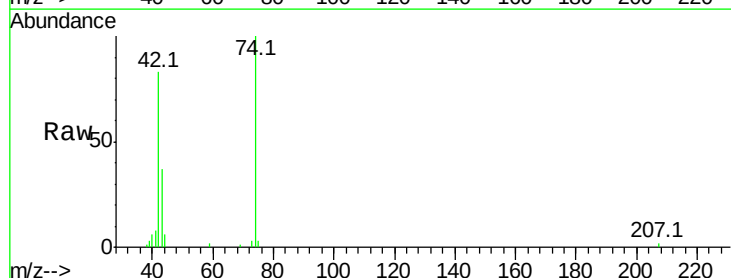
Instrument :
 BNA_F
 ClientSampleId :

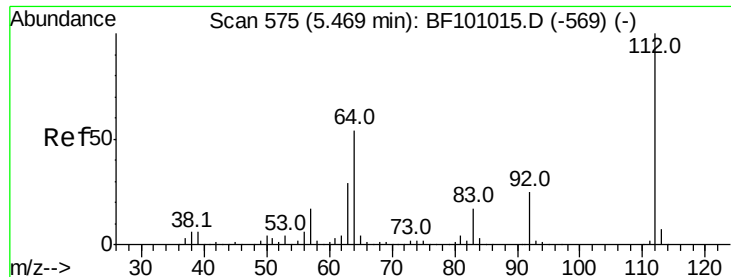
Tot Ion: 79 Resp: 115067
 Ion Ratio Lower Upper
 79 100
 52 78.1 59.8 89.6
 51 37.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.125 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.03 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion: 42 Resp: 63506
 Ion Ratio Lower Upper
 42 100
 74 120.6 104.9 157.3
 44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 95.631 ng

RT: 5.48 min Scan# 577

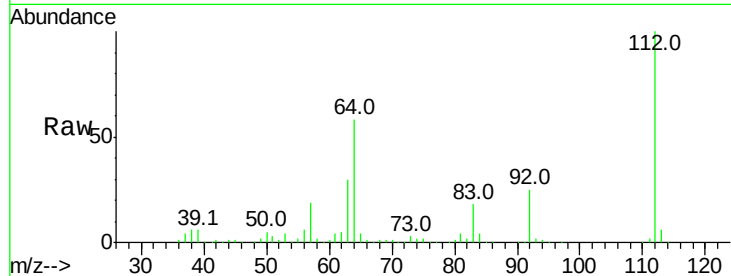
Delta R.T. 0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :
BNA_F
ClientSampleId :

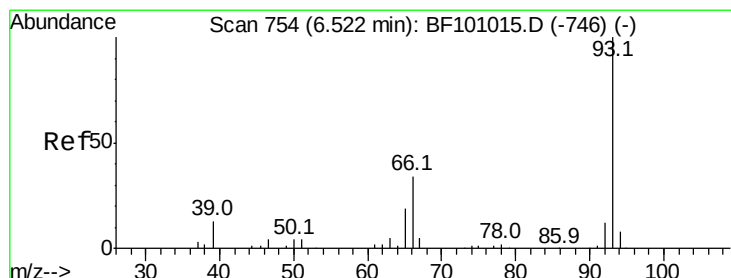
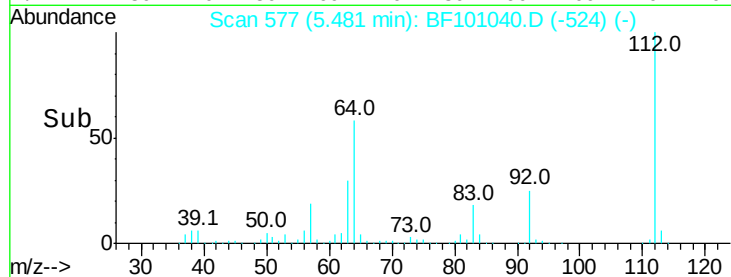
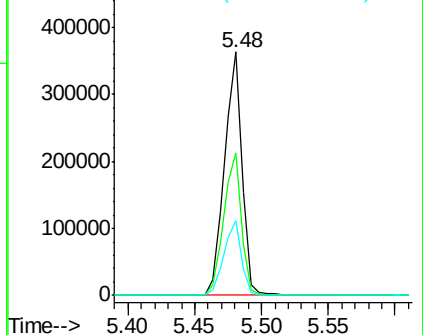
Tot Ion:	112	Resp:	339915
Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.4	23.7	35.5



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: 17.438 ng

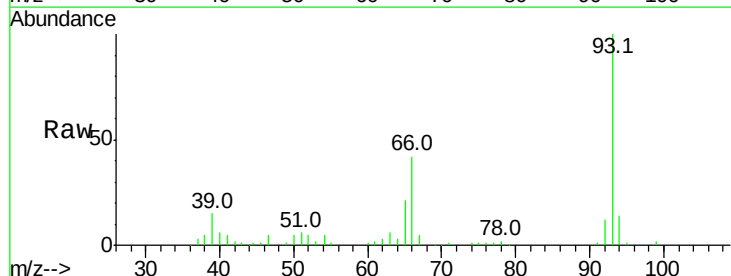
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

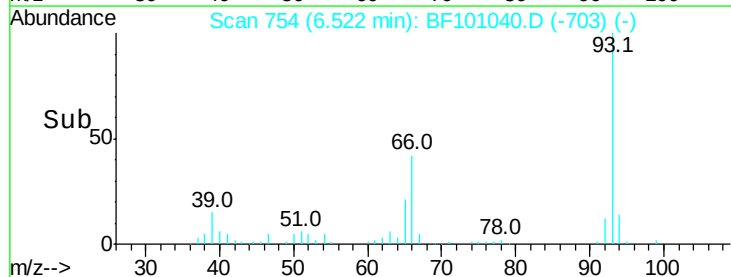
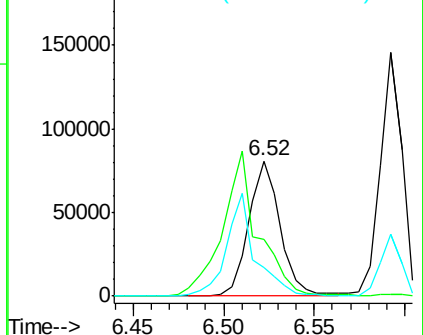
Tgt Ion:	93	Resp:	97858
Ion	Ratio	Lower	Upper
93	100		
66	41.8	32.2	48.2
65	21.5	16.4	24.6

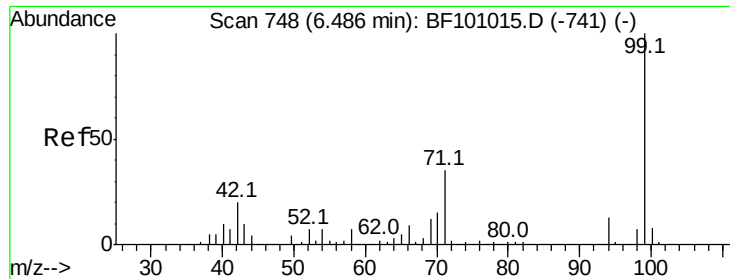


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.551 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

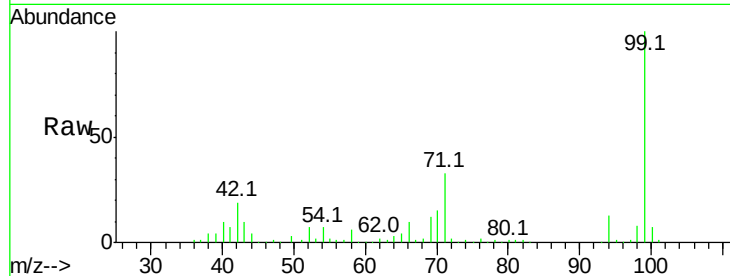
Tot Ion: 99 Resp: 416660

Ion Ratio Lower Upper

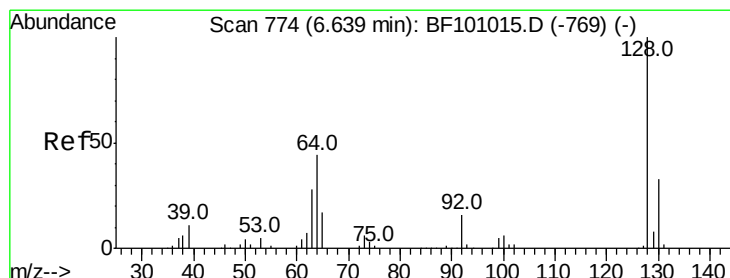
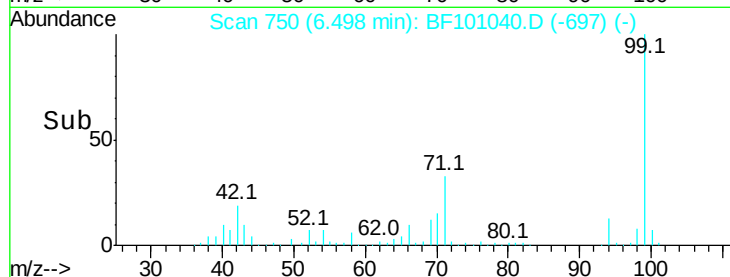
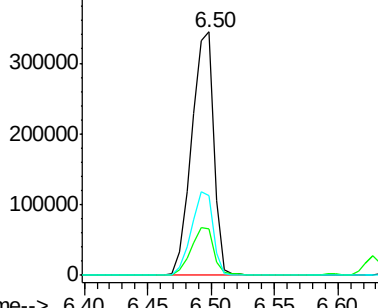
99 100

42 19.1 14.5 21.7

71 32.5 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: 33.162 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

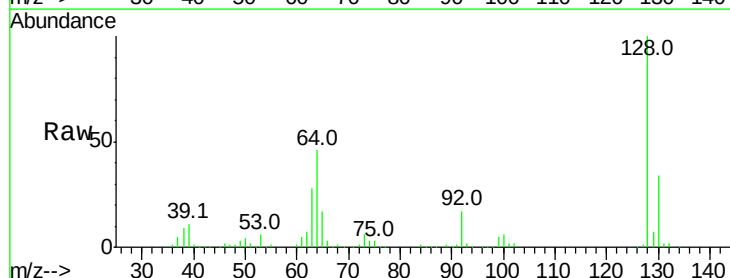
Tgt Ion: 128 Resp: 128520

Ion Ratio Lower Upper

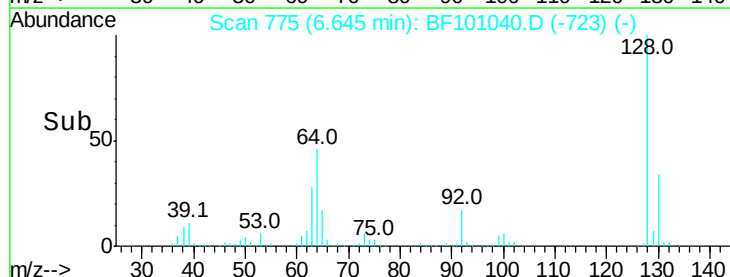
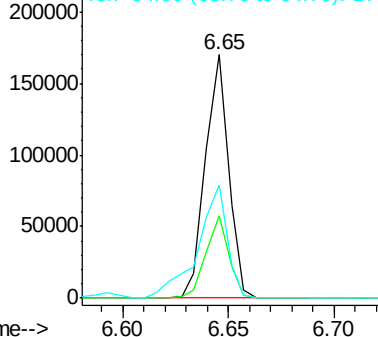
128 100

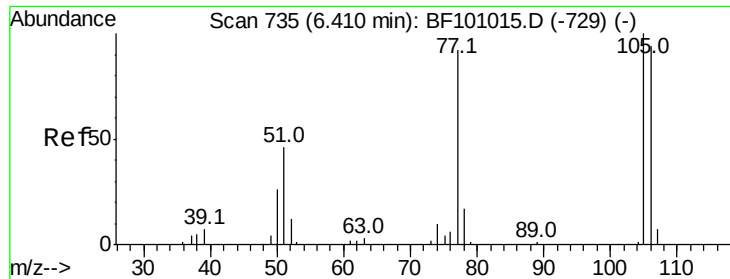
130 33.6 13.0 53.0

64 46.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.642 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

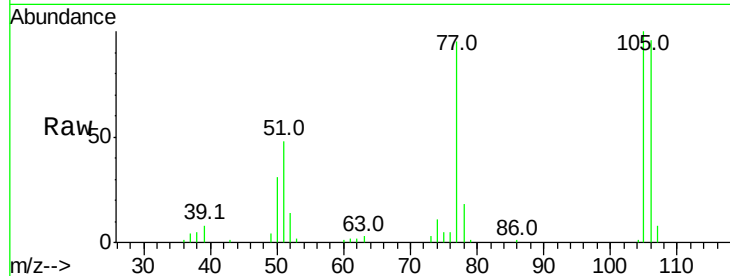
Tot Ion: 77 Resp: 49238

Ion Ratio Lower Upper

77 100

105 104.9 81.1 121.1

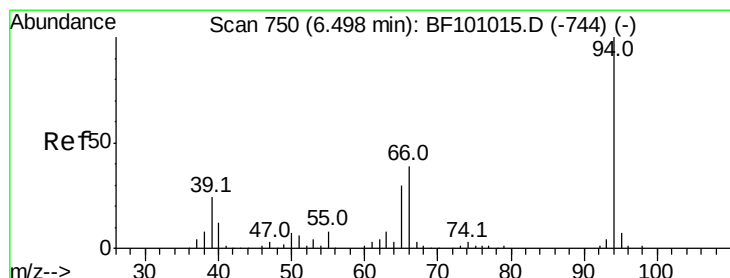
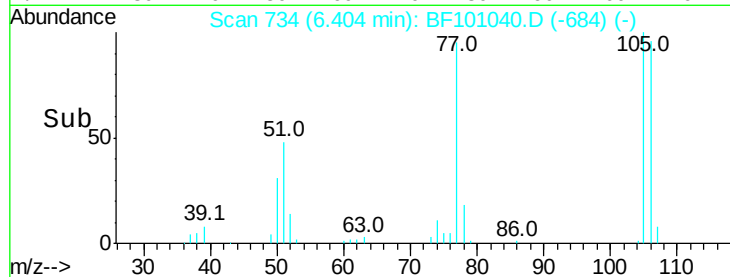
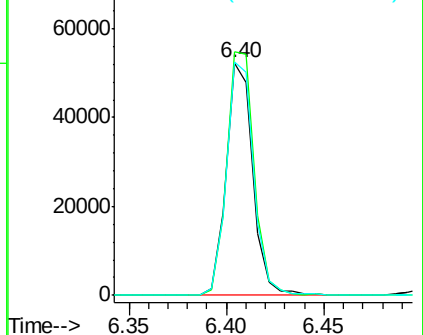
106 100.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.493 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

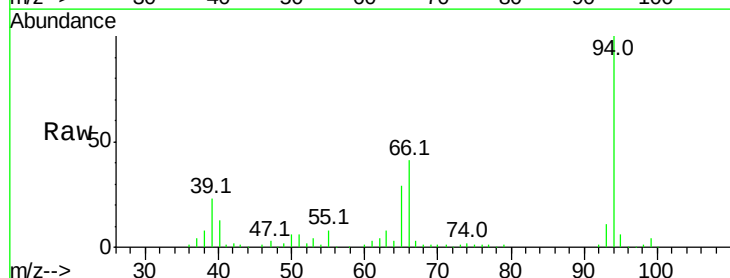
Tgt Ion: 94 Resp: 170313

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

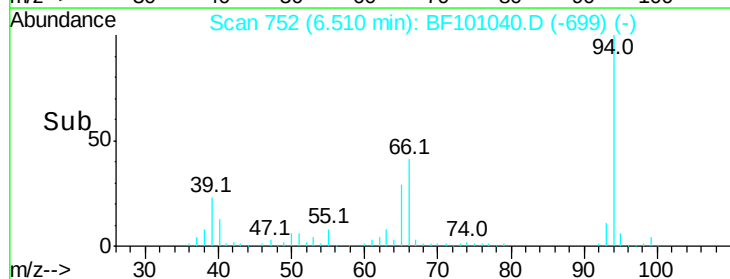
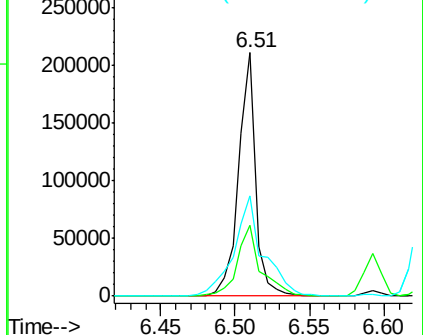
66 41.2 16.2 56.2

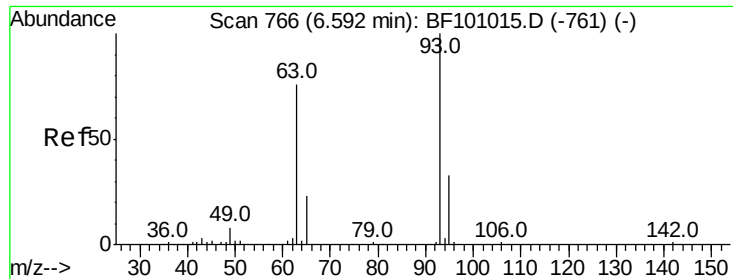


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.083 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

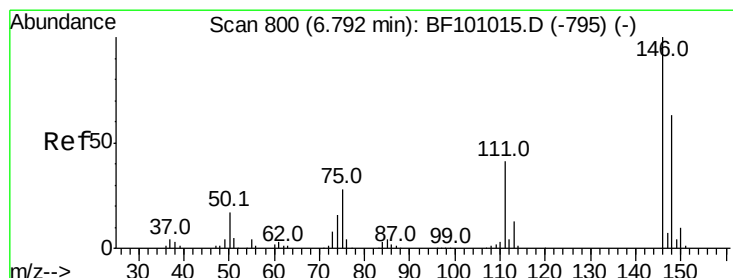
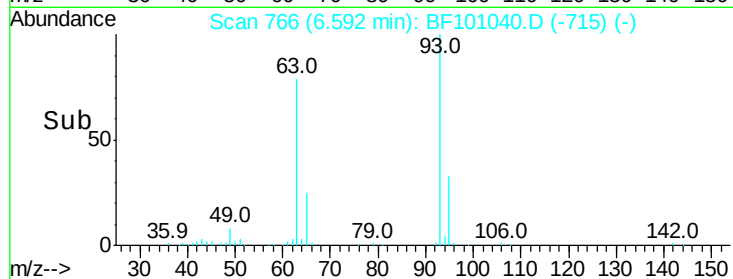
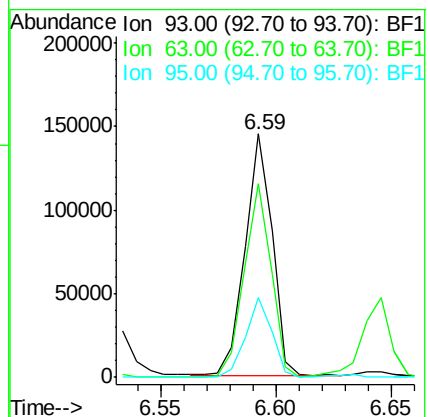
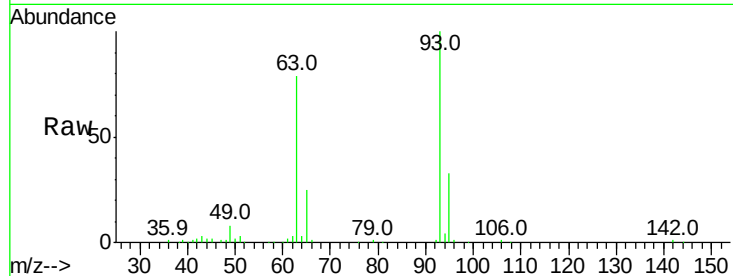
Tot Ion: 93 Resp: 119074

Ion Ratio Lower Upper

93 100

63 79.4 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 32.780 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

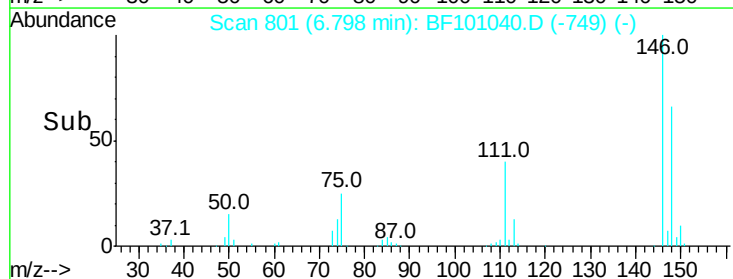
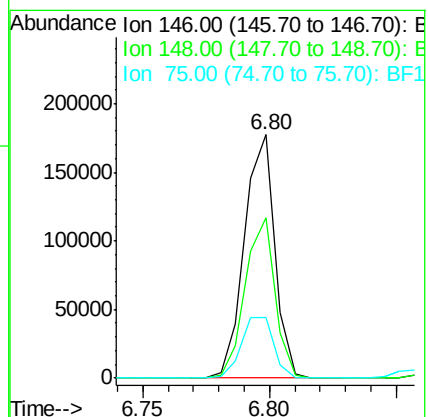
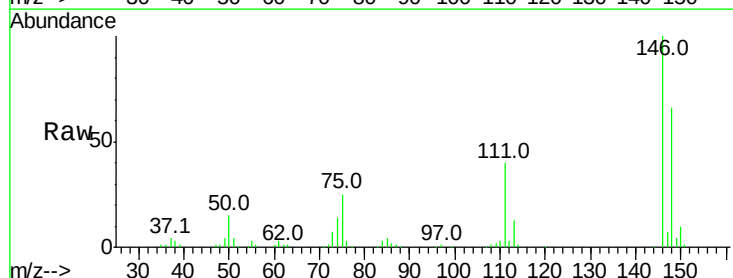
Tgt Ion: 146 Resp: 147925

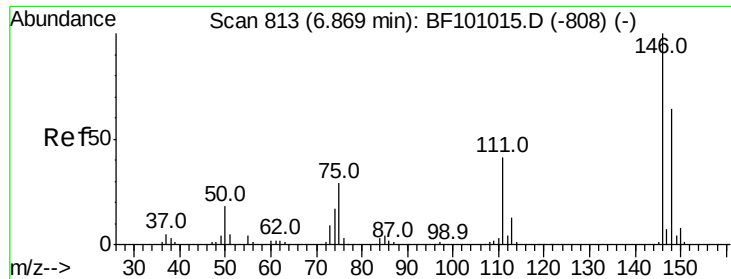
Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.8

75 24.9 24.2 36.4

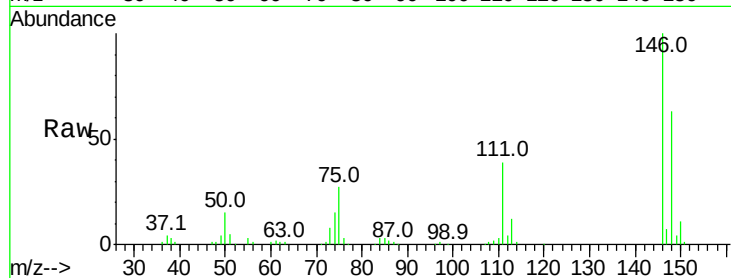




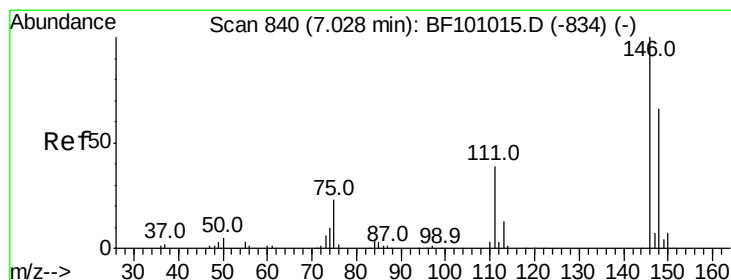
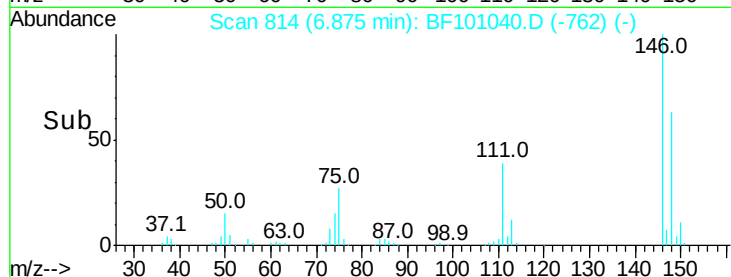
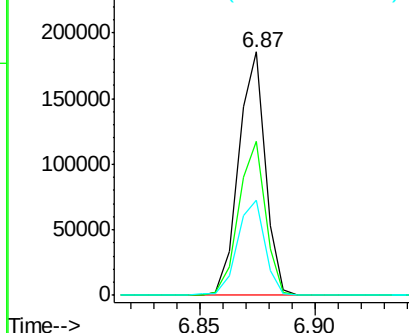
#13
 1,4-Dichlorobenzene
 Concen: 32.009 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	39.2	34.2	51.2

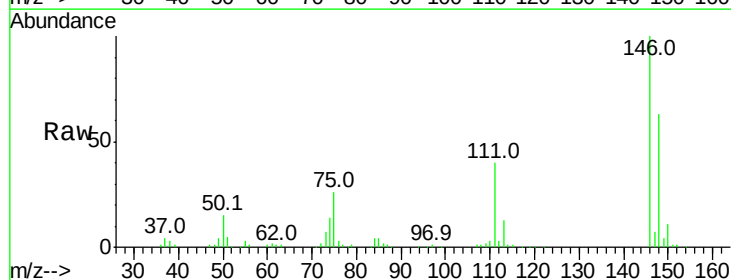


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

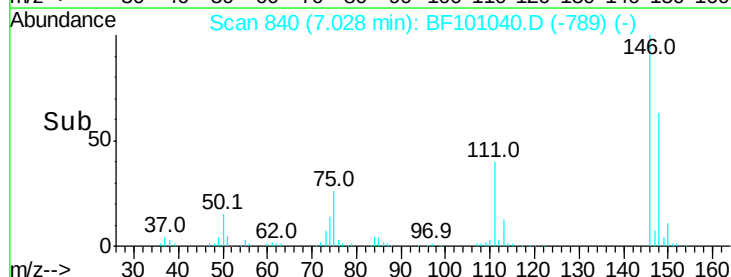
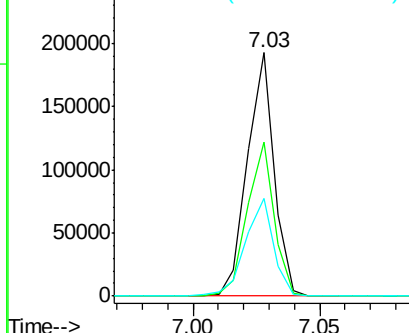


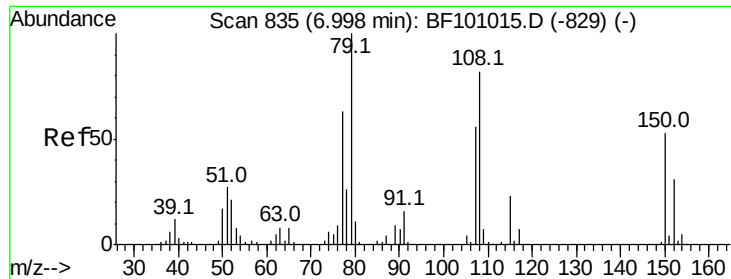
#14
 1,2-Dichlorobenzene
 Concen: 32.455 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	40.2	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

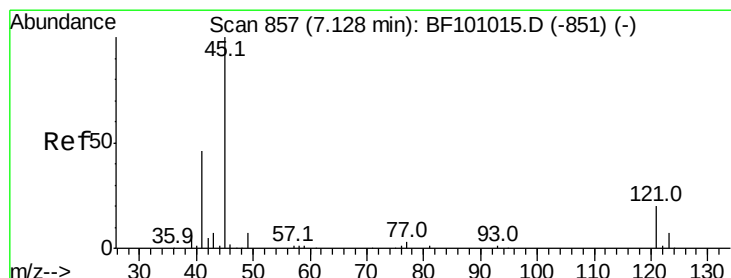
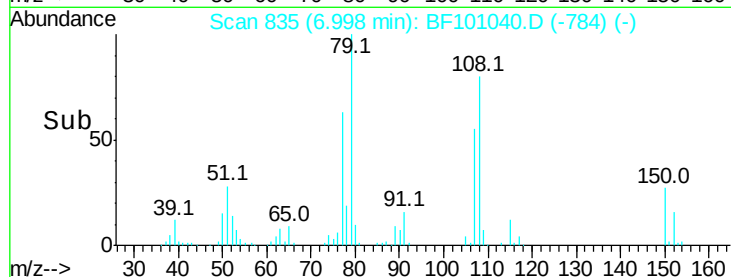
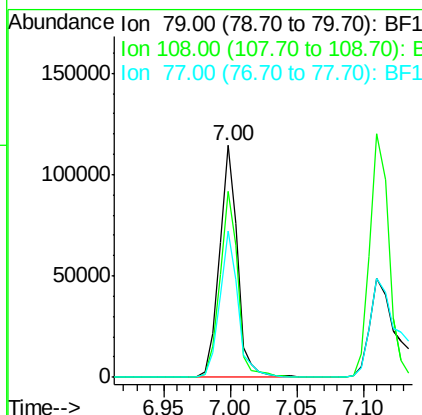
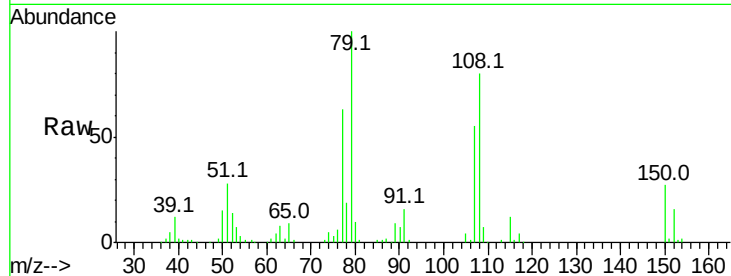




#15
Benzyl Alcohol
Concen: 32.845 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

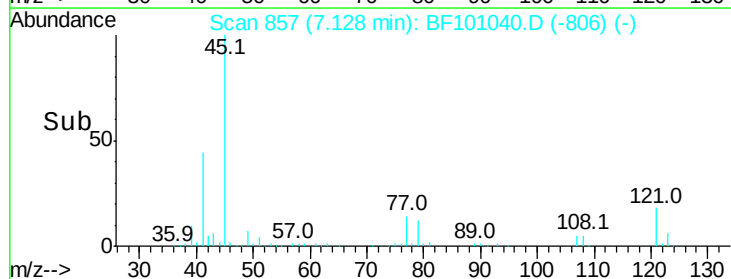
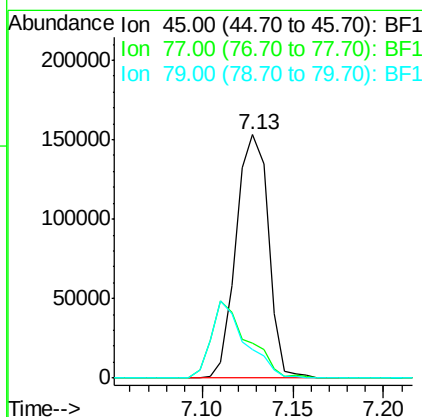
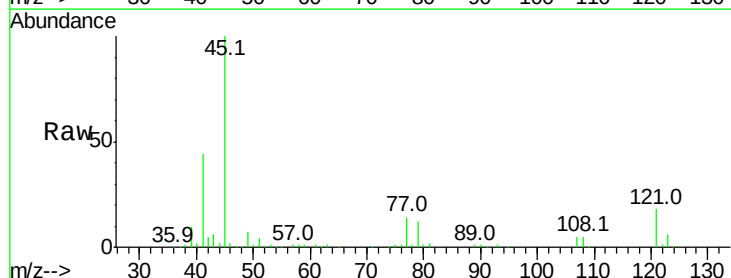
Instrument :
BNA_F
ClientSampleId :

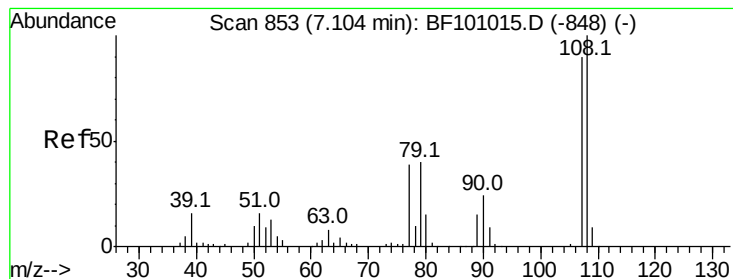
Tot Ion: 79 Resp: 109475
Ion Ratio Lower Upper
79 100
108 80.0 65.1 97.7
77 63.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.959 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion: 45 Resp: 190602
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.9
79 11.8 0.0 29.6





#17

2-Methylphenol

Concen: 34.022 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 106470

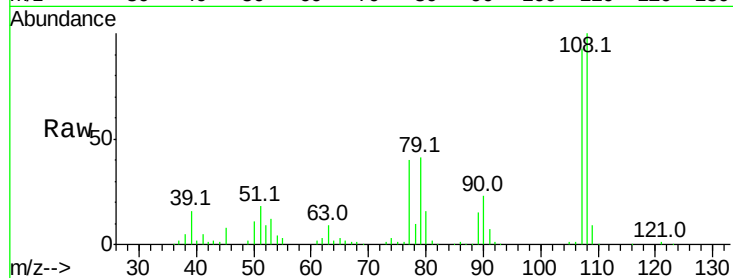
Ion Ratio Lower Upper

107 100

108 107.6 91.7 137.5

77 43.6 33.8 50.8

79 43.8 33.8 50.8

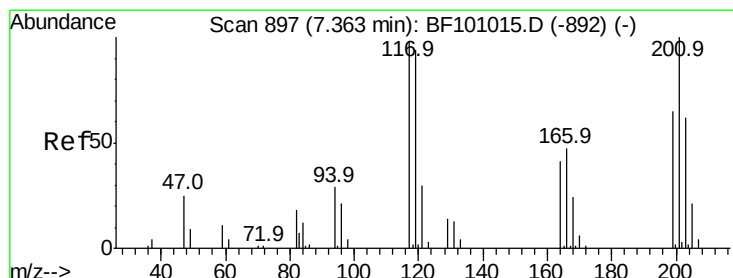
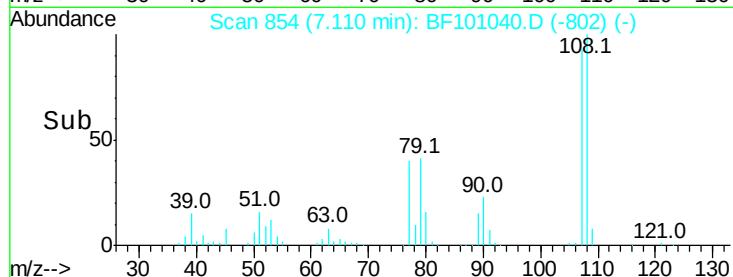
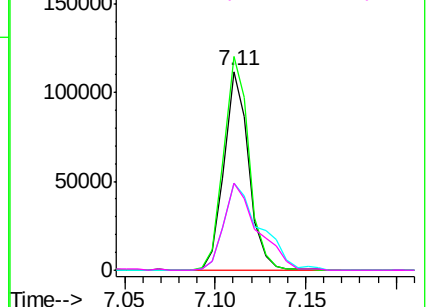


Abundance Ion 107.00 (106.70 to 107.70): E

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: 25.778 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

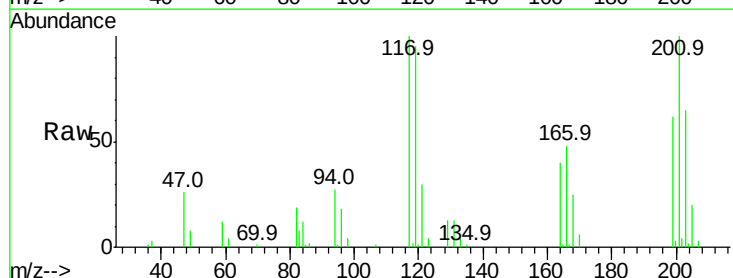
Tgt Ion:117 Resp: 38694

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

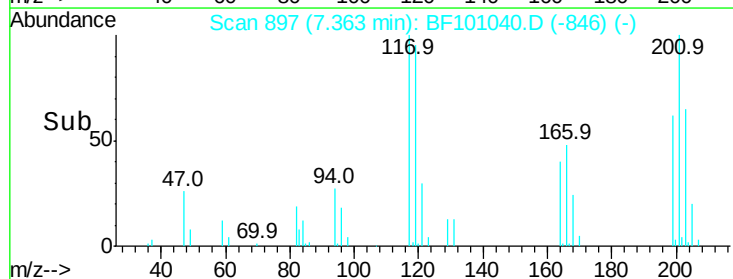
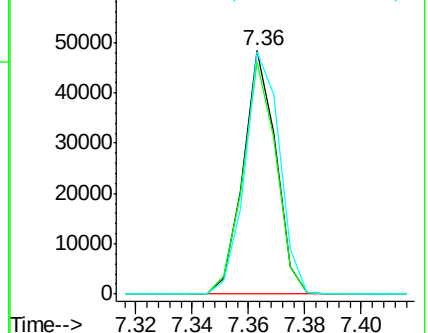
201 99.6 75.7 113.5

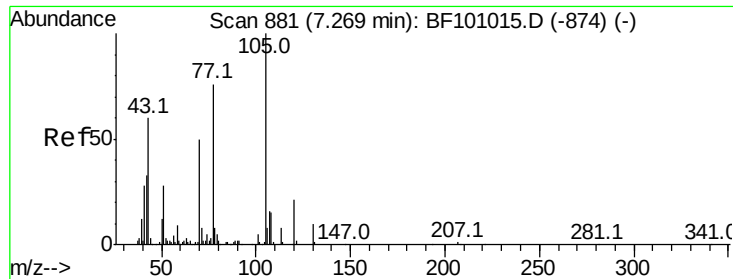


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

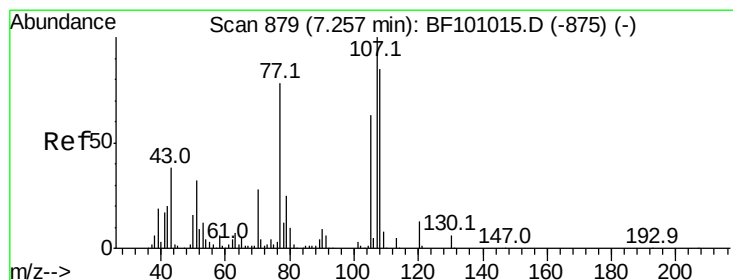
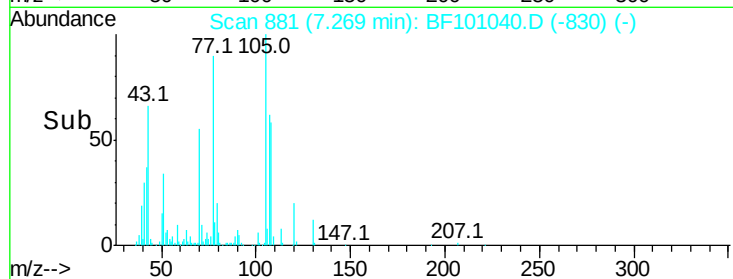
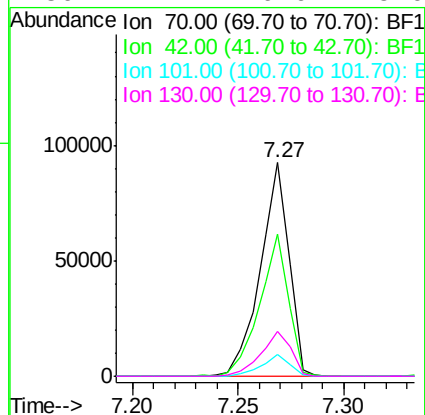
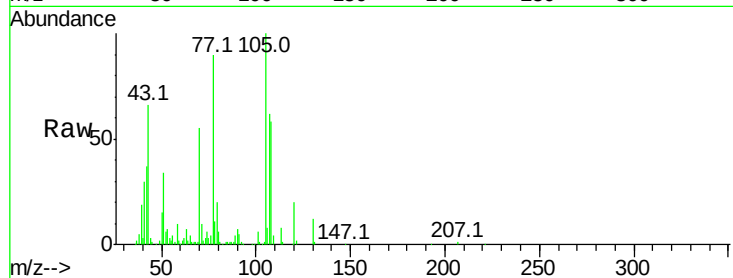




#19
n-Nitroso-di-n-propylamine
Concen: 30.115 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

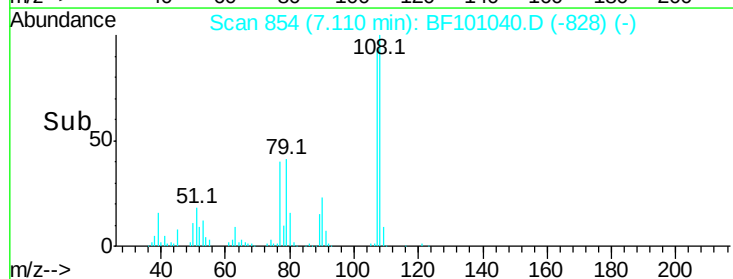
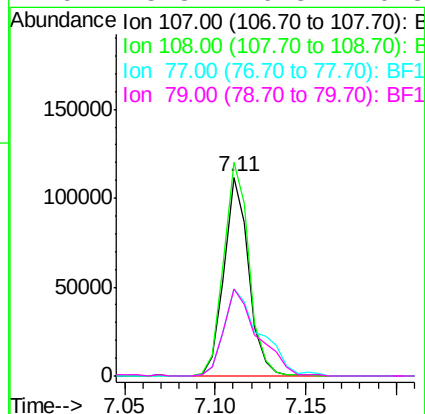
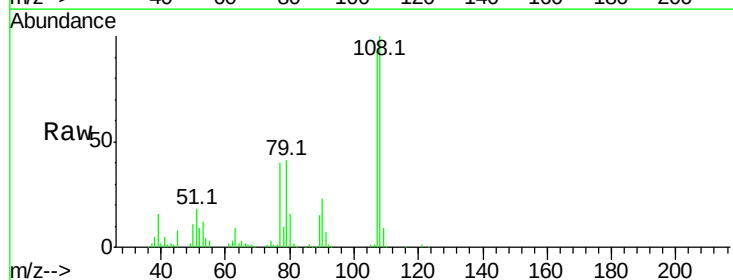
Instrument :
BNA_F
ClientSampleId :

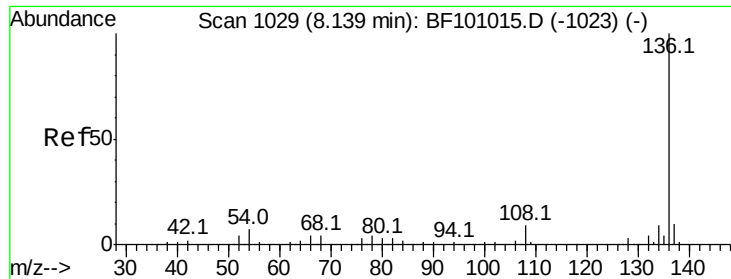
Tot Ion:	70	Resp:	87522
Ion	Ratio	Lower	Upper
70	100		
42	66.5	47.5	71.3
101	10.0	7.4	11.2
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 26.088 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.15 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:	107	Resp:	106470
Ion	Ratio	Lower	Upper
107	100		
108	107.6	68.2	108.2
77	43.6	26.7	66.7
79	43.8	6.3	46.3

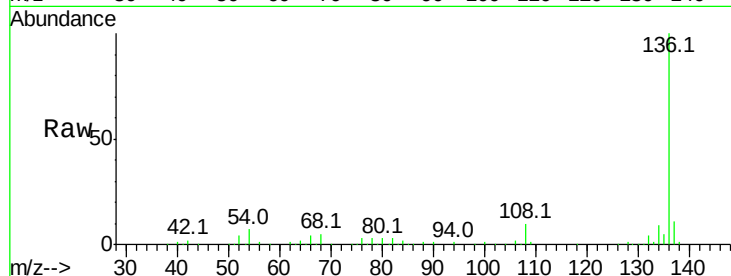




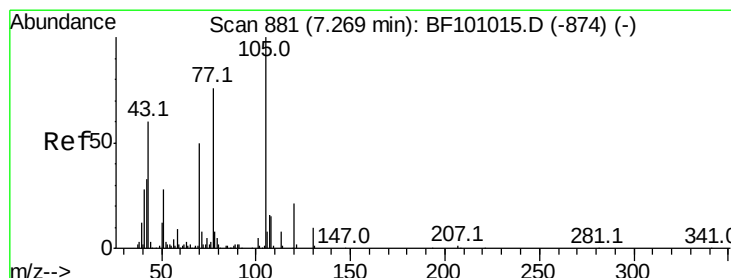
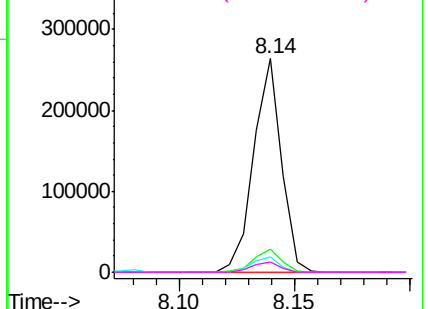
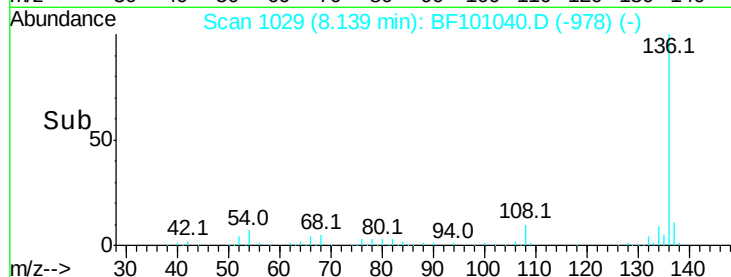
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	222016
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 7.3	6.6	9.8
68 4.7	5.0	7.4#

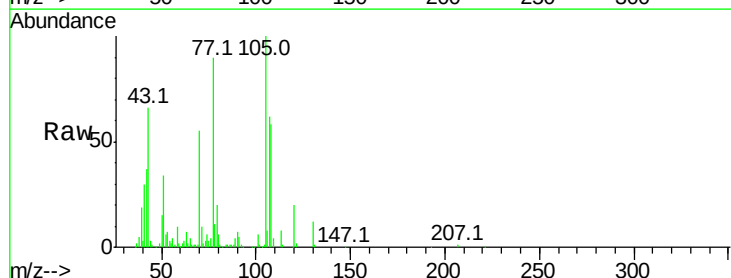


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

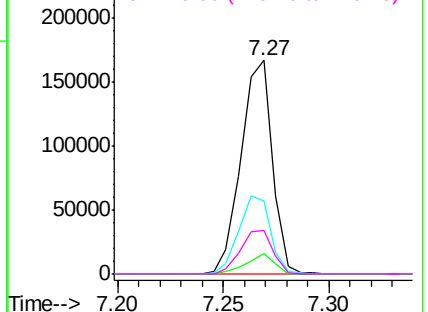
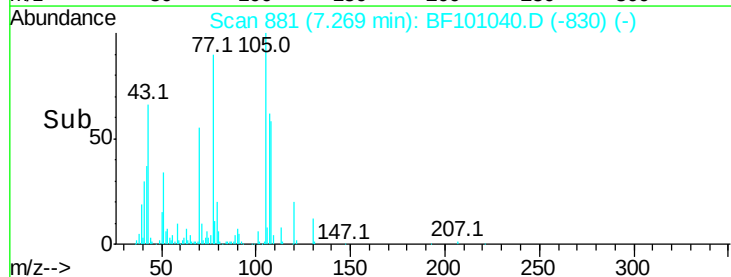


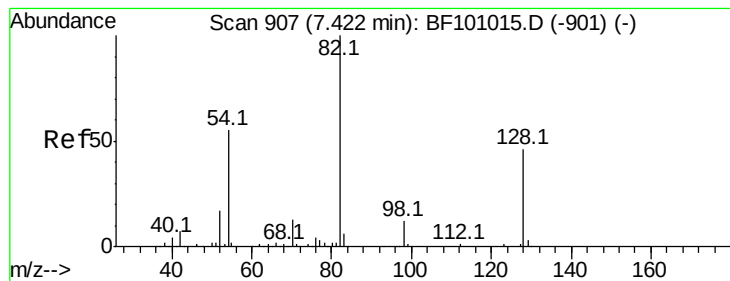
#22
Acetophenone
Concen: 32.139 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt	Ion:105	Resp:	172387
Ion	Ratio	Lower	Upper
105	100		
71	9.5	4.4	6.6#
51	34.4	22.3	33.5#
120	20.4	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 66.141 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

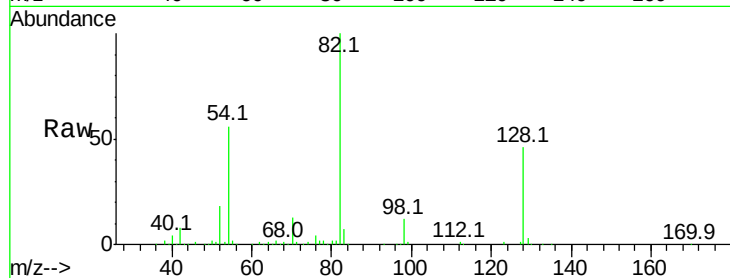
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 246162

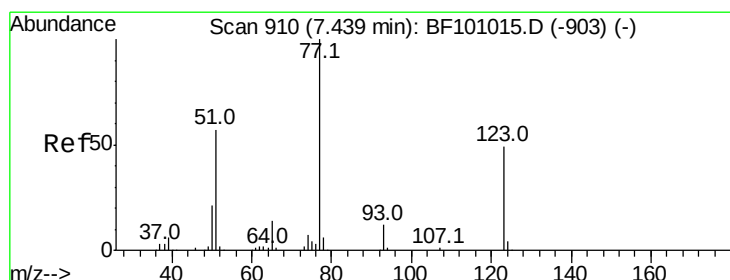
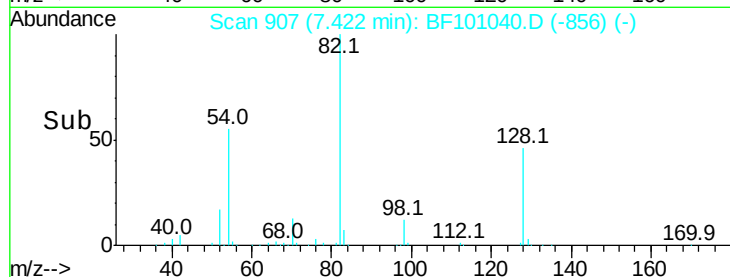
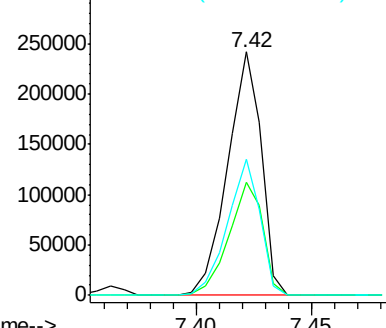
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	55.8	41.4	62.2



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: 34.628 ng

RT: 7.44 min Scan# 910

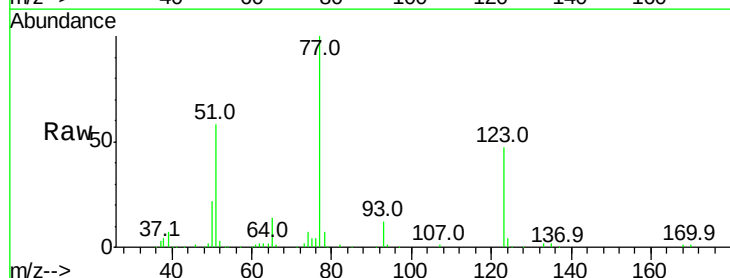
Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Tgt Ion: 77 Resp: 126310

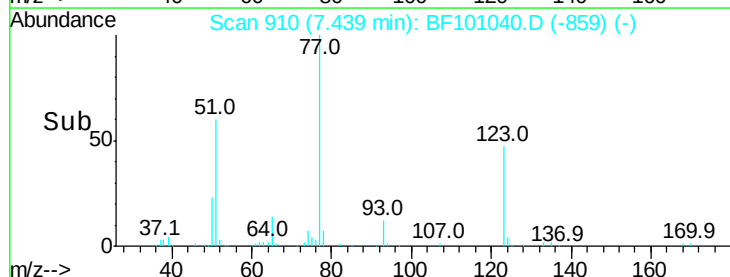
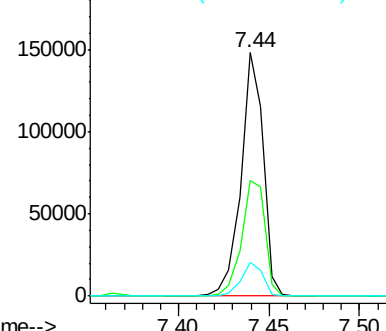
Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	13.7	11.0	16.4

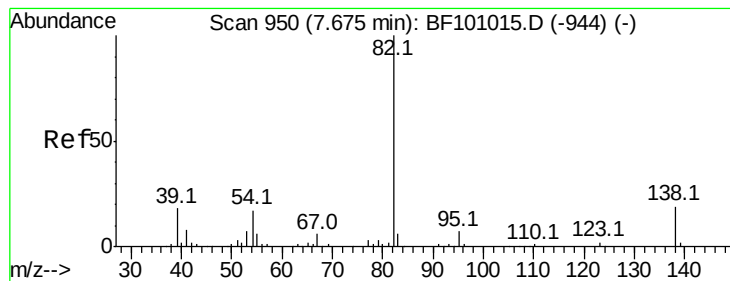


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.391 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

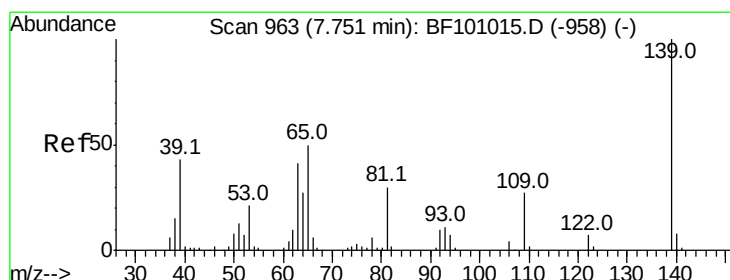
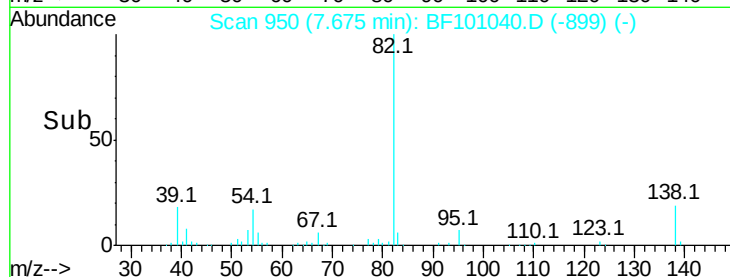
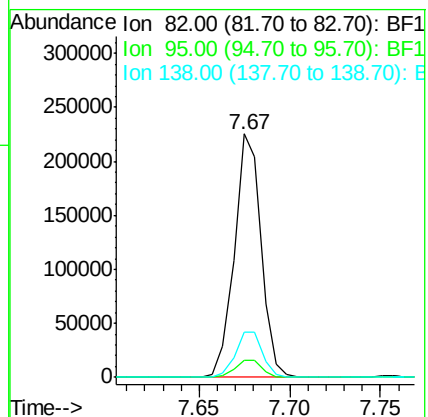
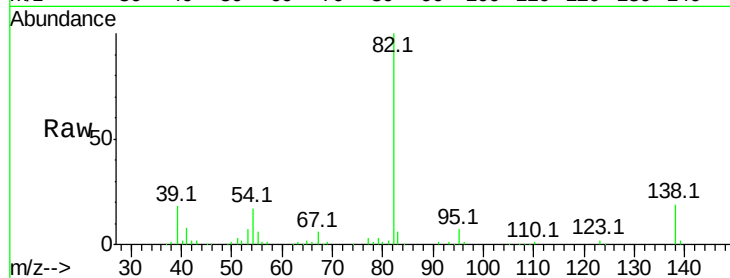
Tot Ion: 82 Resp: 231343

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 30.237 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

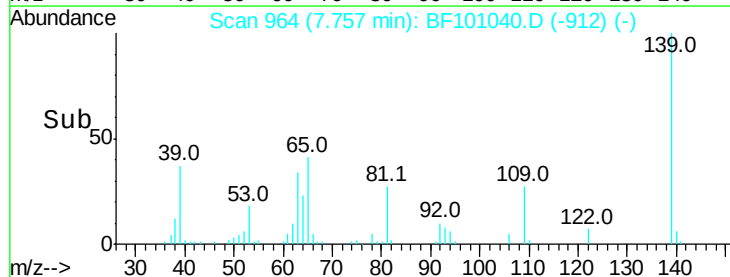
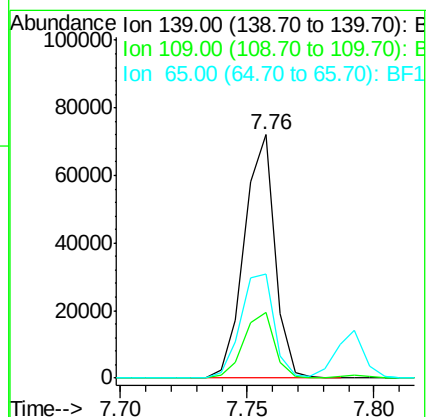
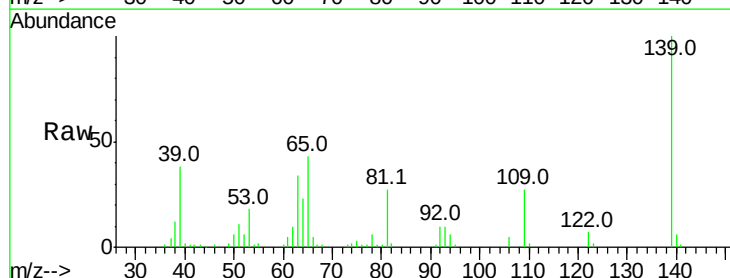
Tgt Ion: 139 Resp: 60546

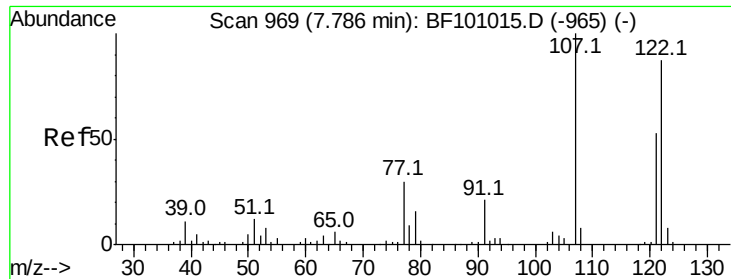
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 42.9 40.5 60.7

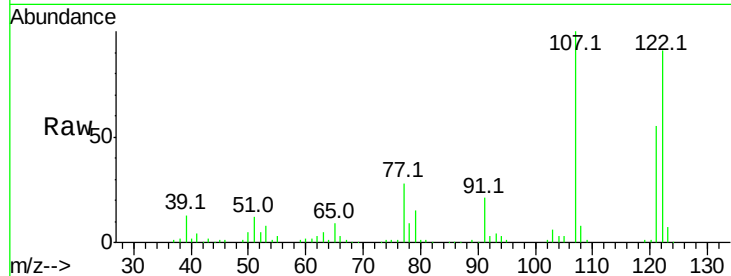




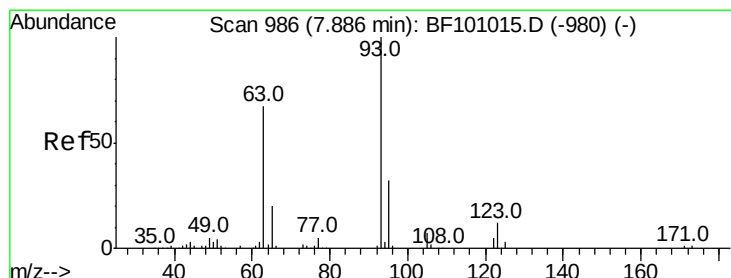
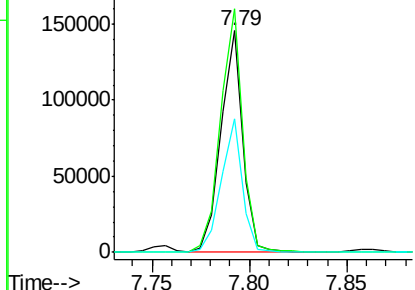
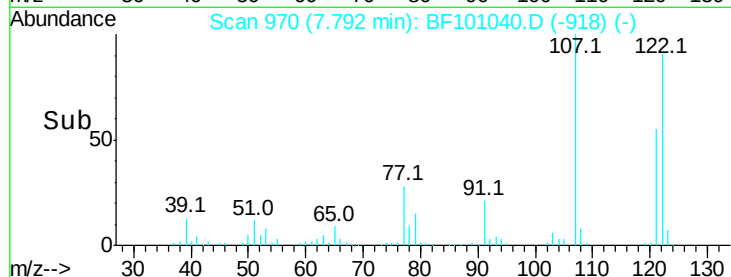
#27
 2,4-Dimethylphenol
 Concen: 39.077 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	91.2	136.8
121	60.3	47.2	70.8

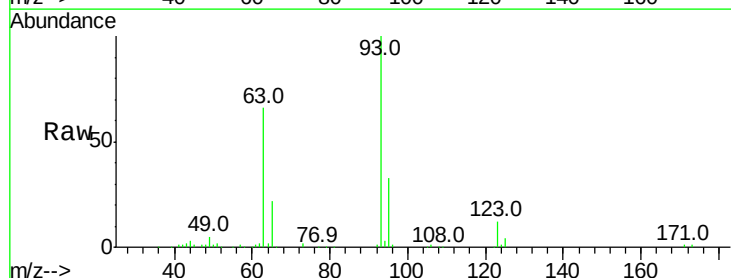


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

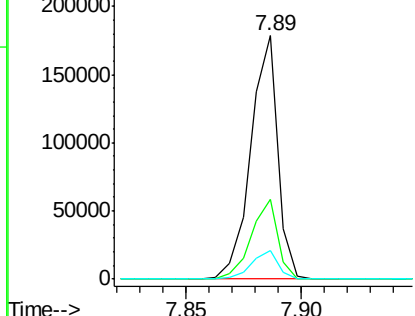
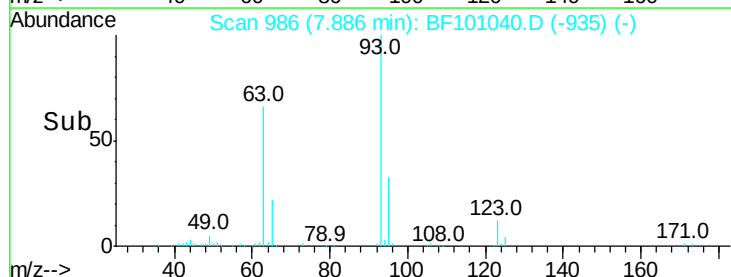


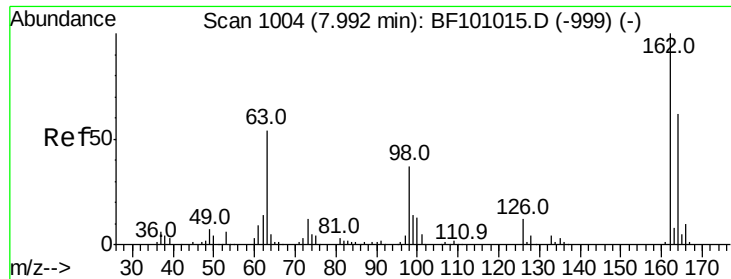
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.168 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.7	9.8	14.6



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

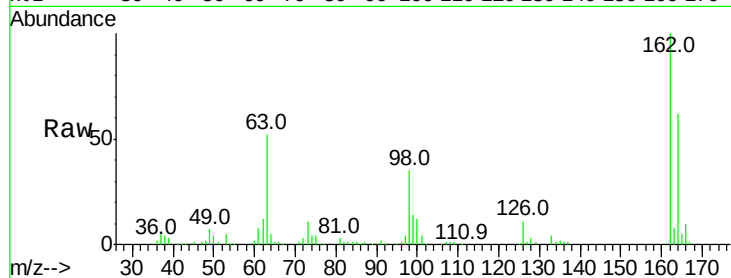




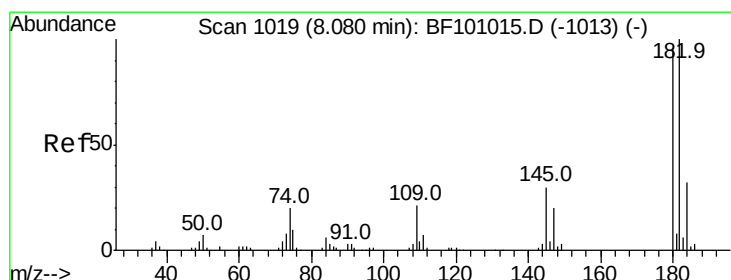
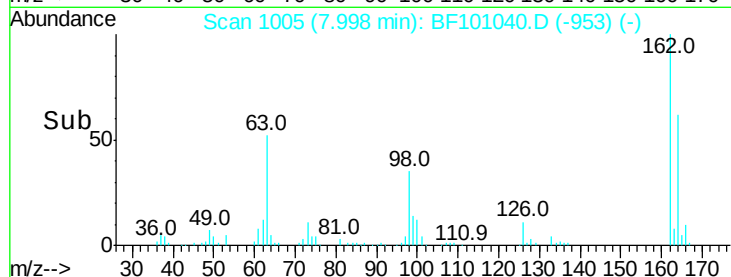
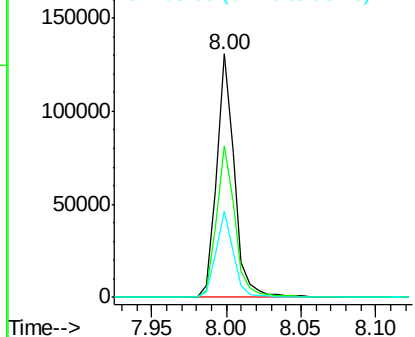
#29
 2,4-Dichlorophenol
 Concen: 34.499 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.7	82.7
98	35.1	18.1	58.1

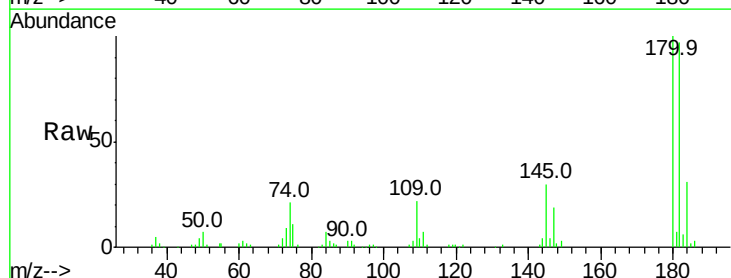


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

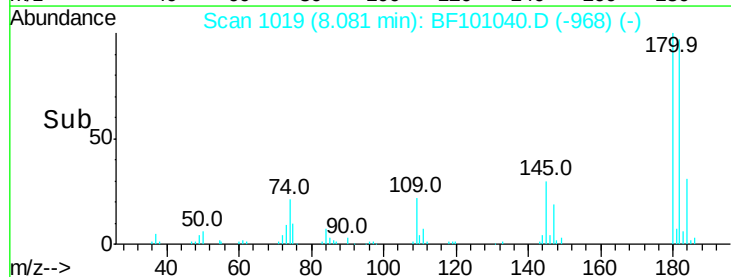
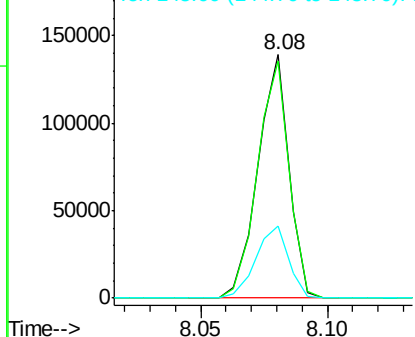


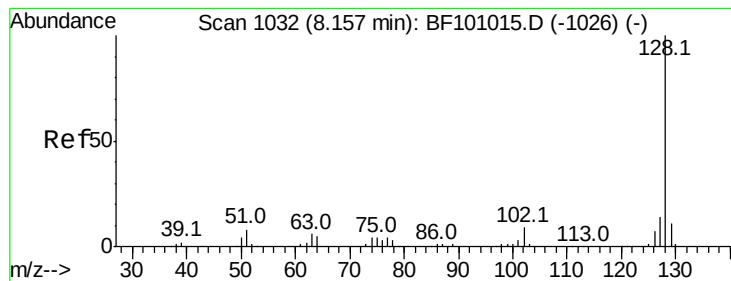
#30
 1,2,4-Trichlorobenzene
 Concen: 34.259 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.8	115.2
145	29.7	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: 33.132 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

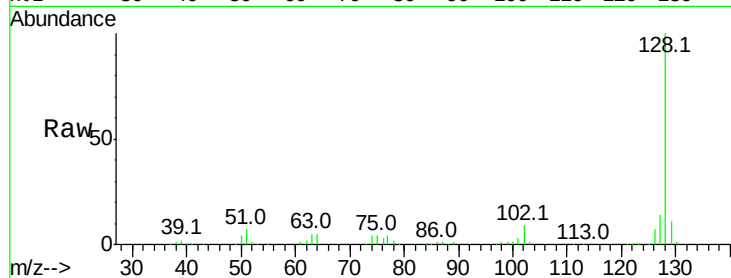
Tot Ion:128 Resp: 362531

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

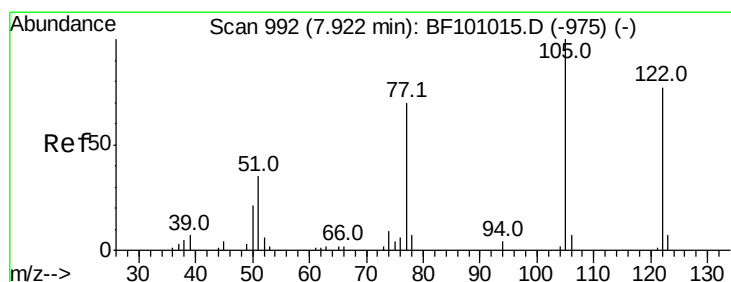
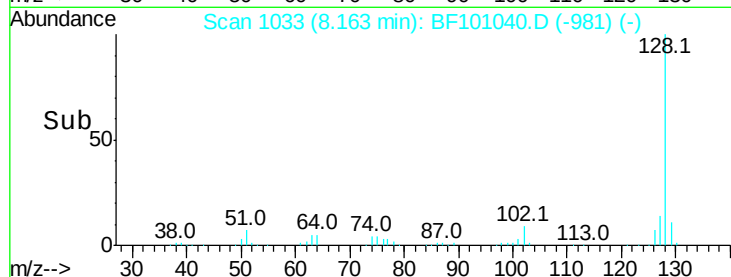
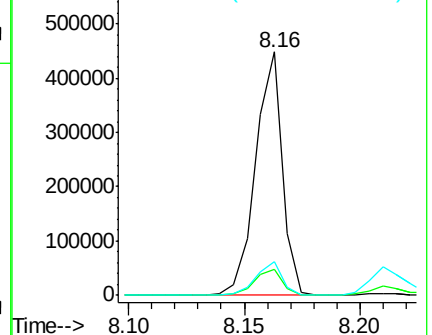
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.243 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.13 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

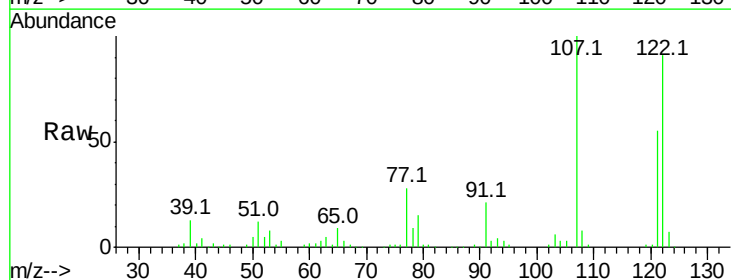
Tgt Ion:122 Resp: 113192

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

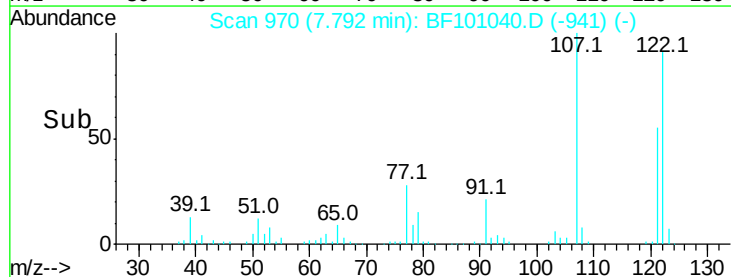
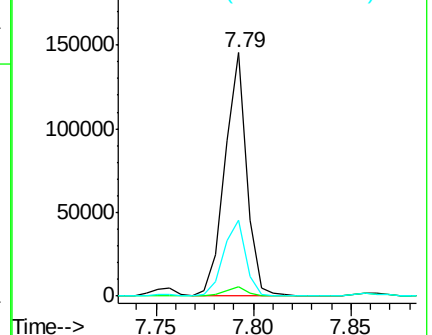
77 30.9 70.7 110.7#

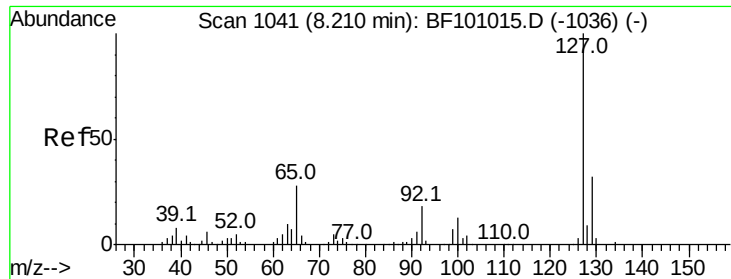


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

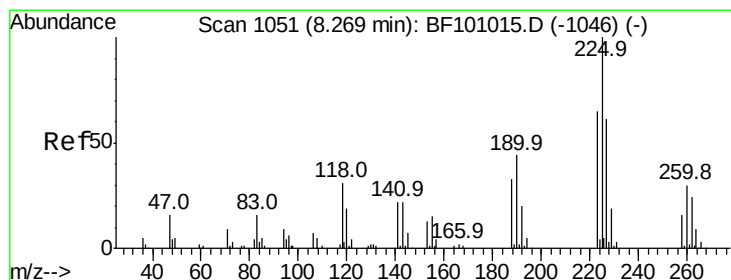
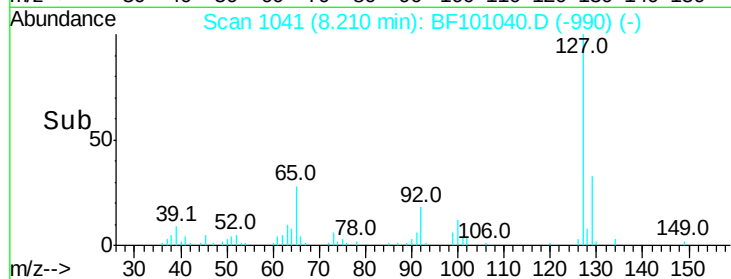
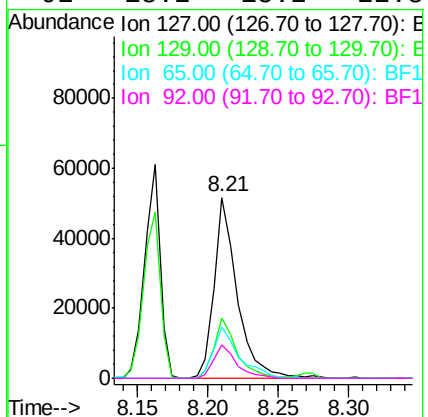
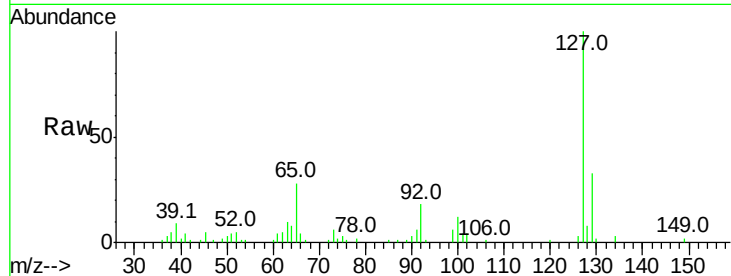




#33
4-Chloroaniline
Concen: 13.438 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

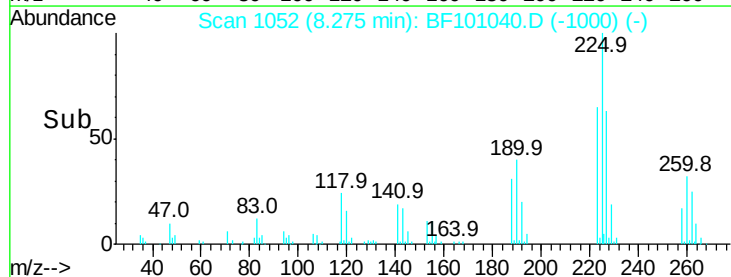
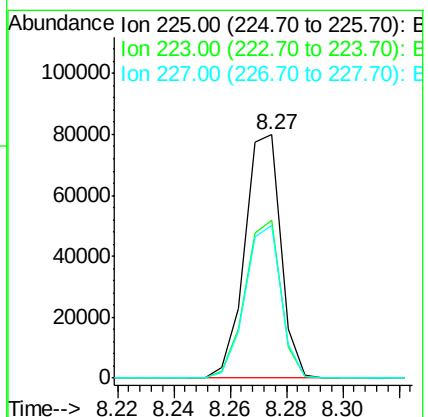
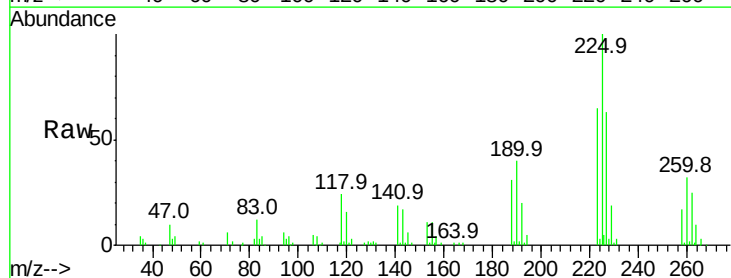
Instrument :
BNA_F
ClientSampleId :

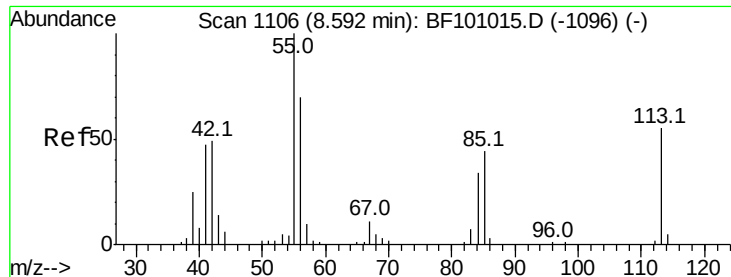
Tot Ion:	127	Resp:	59082
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	28.2	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 33.264 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:	225	Resp:	70733
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	62.5	51.9	77.9





#35

Caprolactam

Concen: 30.305 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampled :

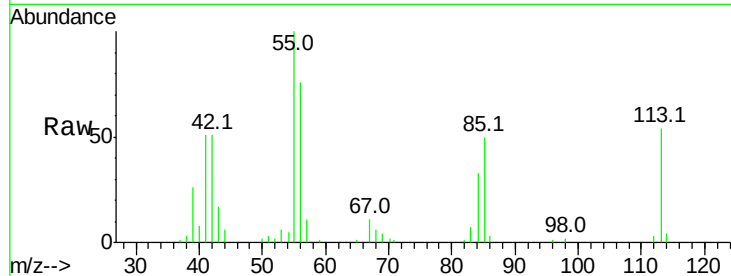
Tot Ion:113 Resp: 29778

Ion Ratio Lower Upper

113 100

55 183.6 163.3 203.3

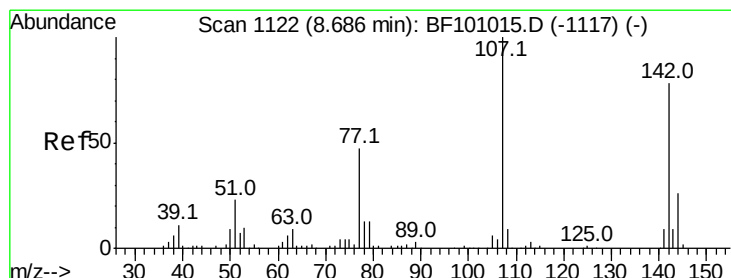
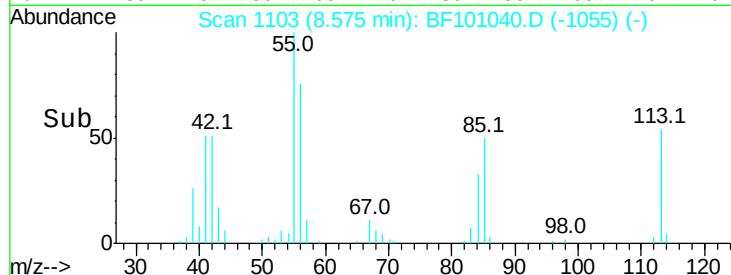
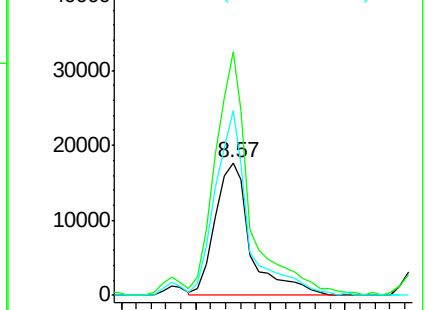
56 139.5 115.7 155.7



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: 31.828 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

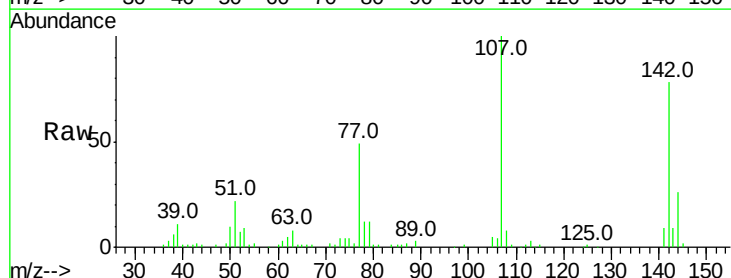
Tgt Ion:107 Resp: 103953

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

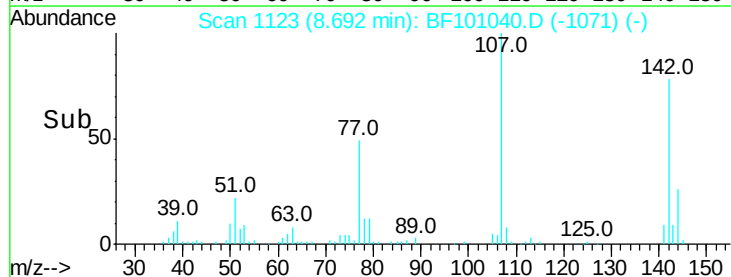
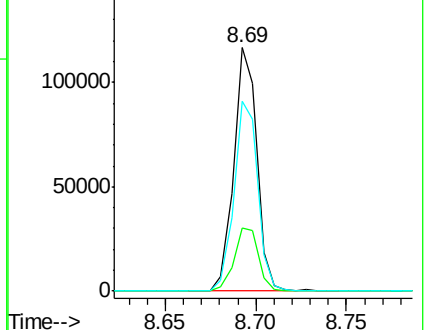
142 78.0 62.0 93.0

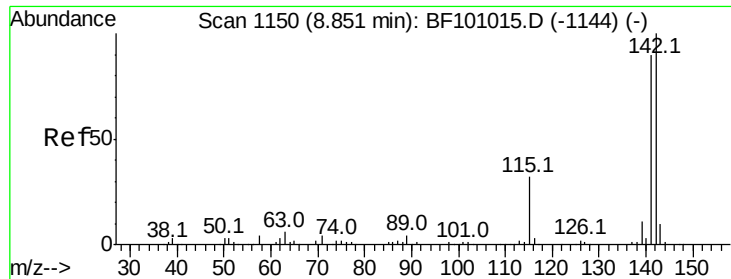


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

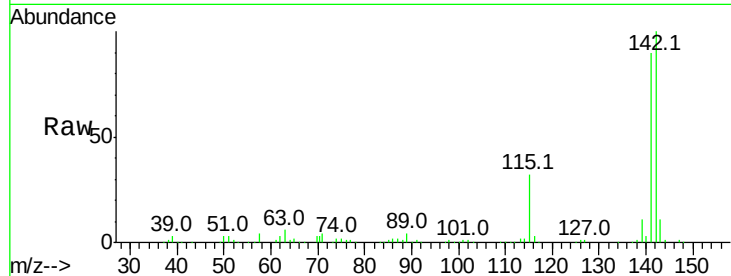




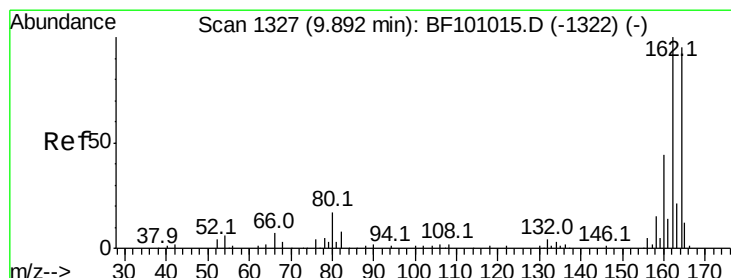
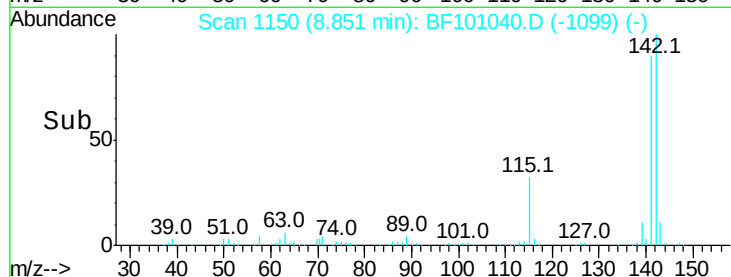
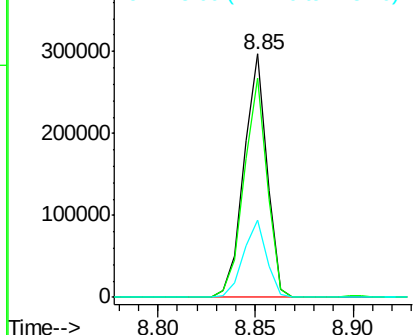
#37
2-Methylnaphthalene
Concen: 32.755 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	31.9	26.1	39.1

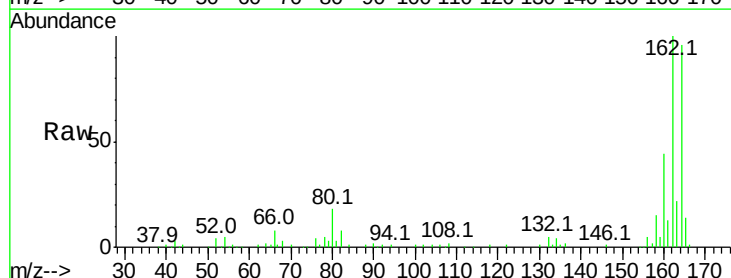


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

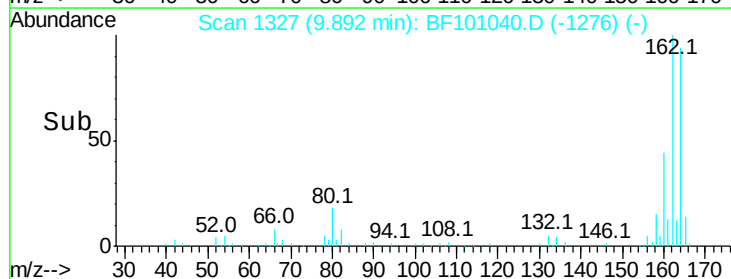
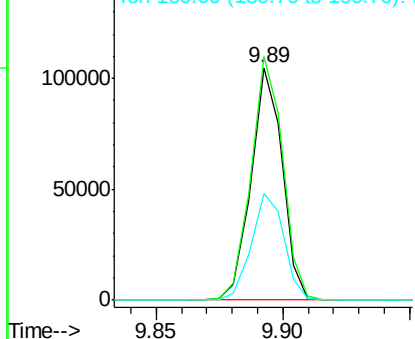


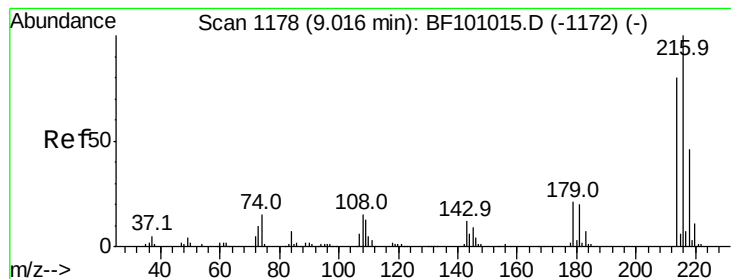
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.7	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.100 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF101040.D

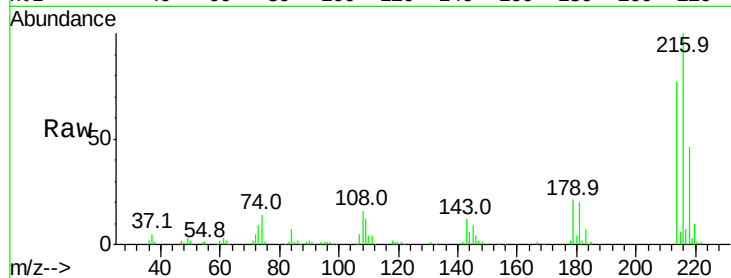
Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:	216	Resp:	111114
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.0	94.4
179	20.3	18.1	27.1
108	15.2	17.2	25.8#

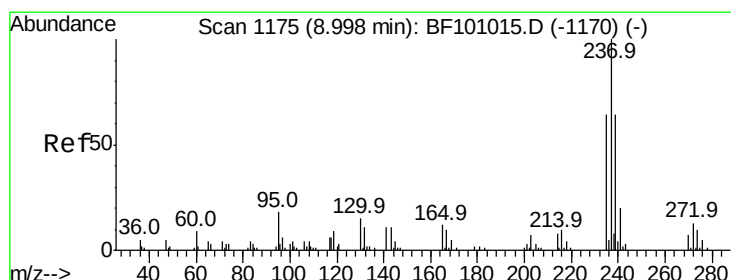
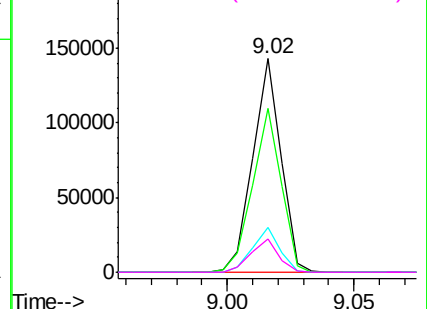
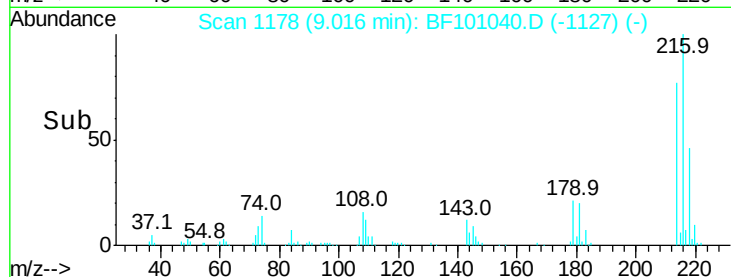


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.264 ng

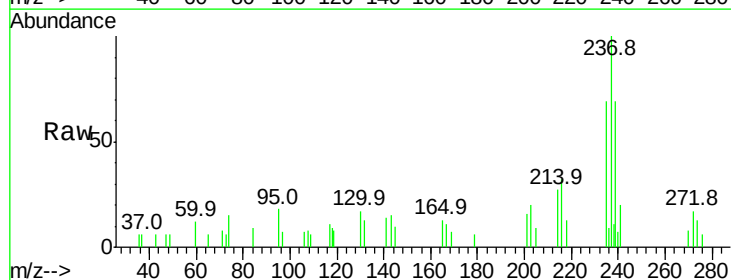
RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

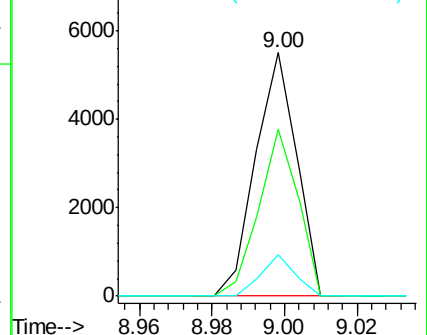
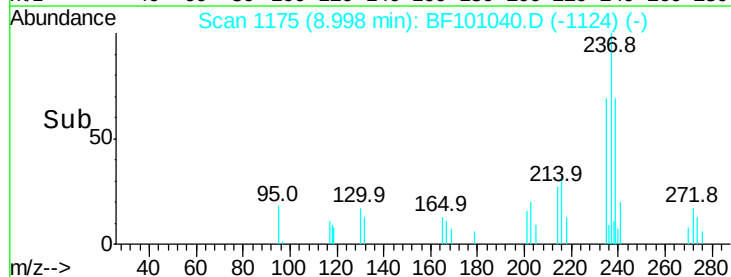
Tgt Ion:	237	Resp:	4308
Ion Ratio	Lower	Upper	
237	100		
235	68.5	44.8	84.8
272	16.8	0.0	33.3

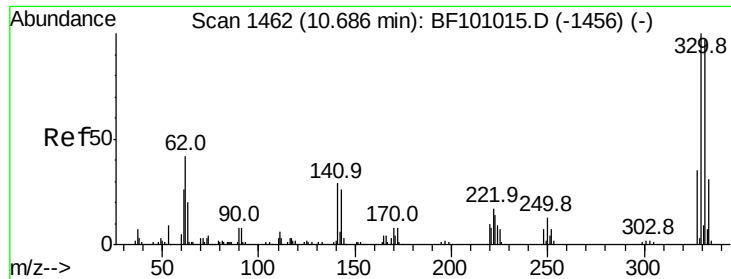


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

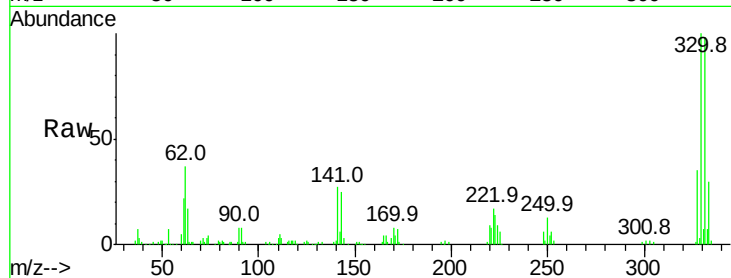




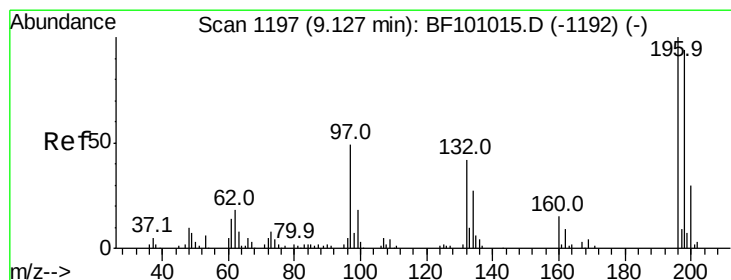
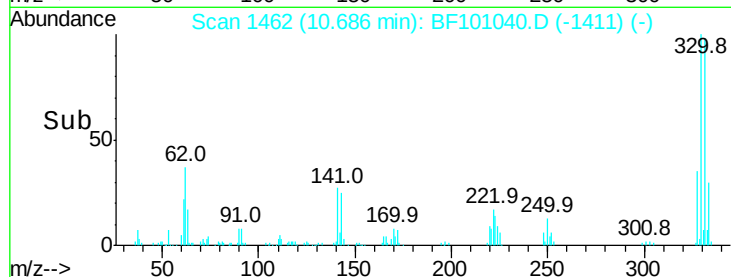
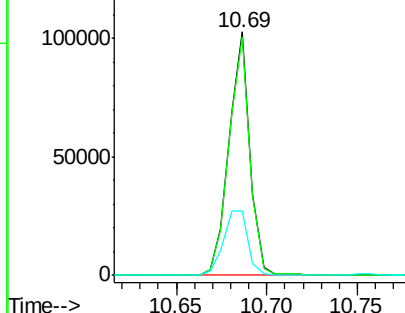
#41
 2,4,6-Tribromophenol
 Concen: 76.772 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 82722
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 31.0 29.9 44.9

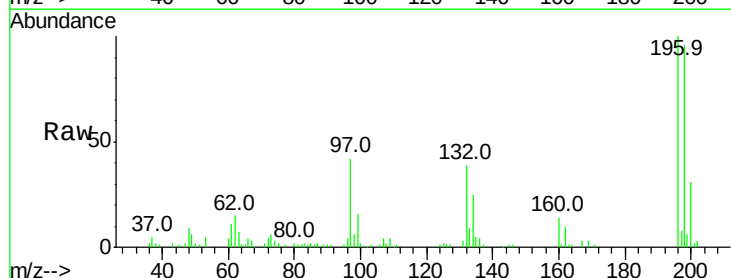


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

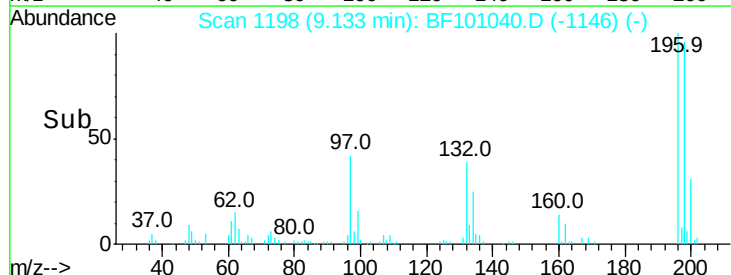
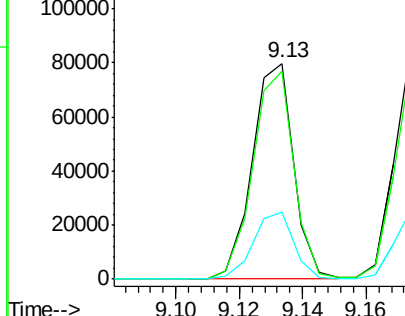


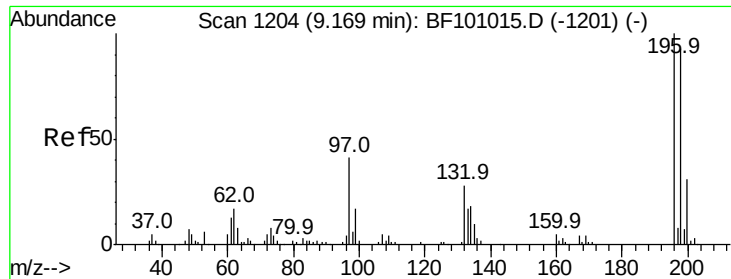
#42
 2,4,6-Trichlorophenol
 Concen: 37.759 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion:196 Resp: 72125
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 30.8 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

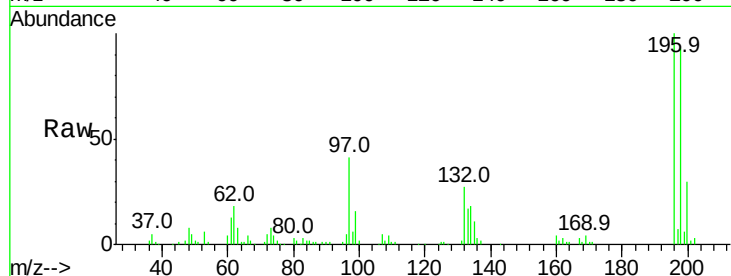




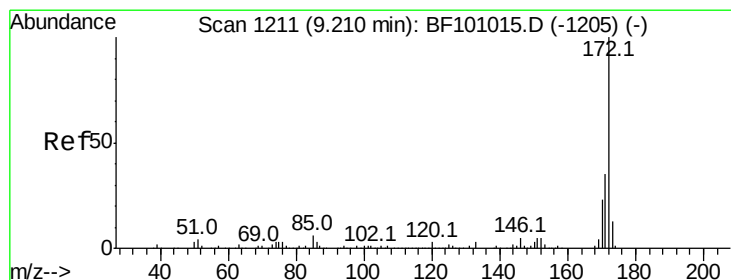
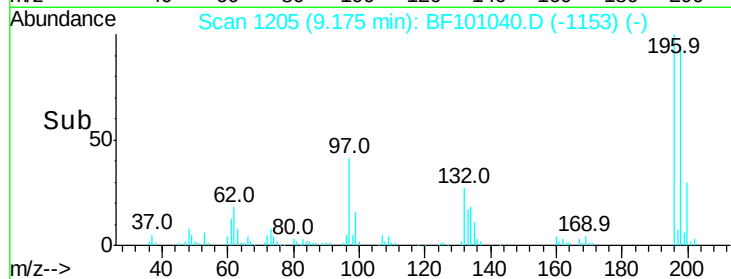
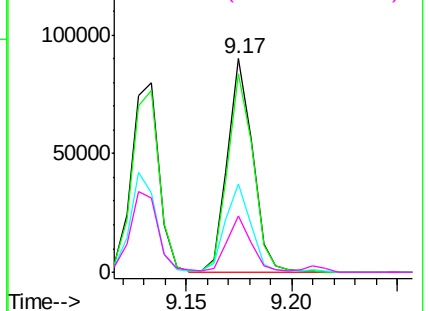
#43
 2,4,5-Trichlorophenol
 Concen: 36.509 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 74556
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.6 112.0
 97 41.2 42.9 64.3#
 132 26.6 26.3 39.5

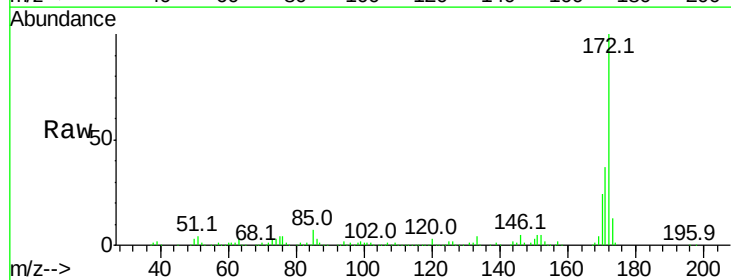


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

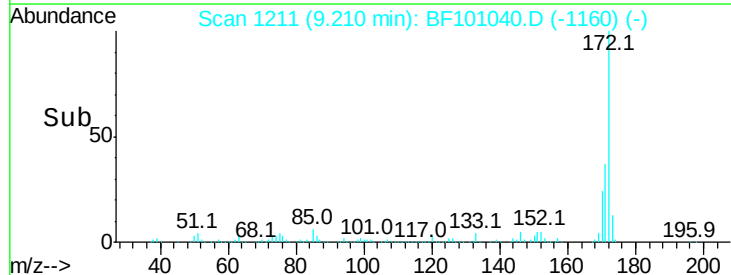
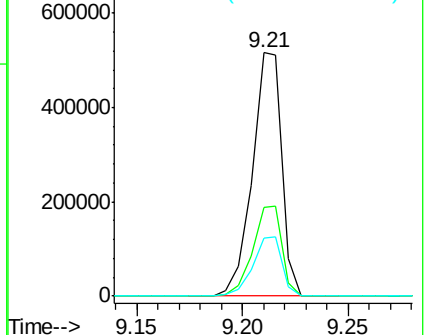


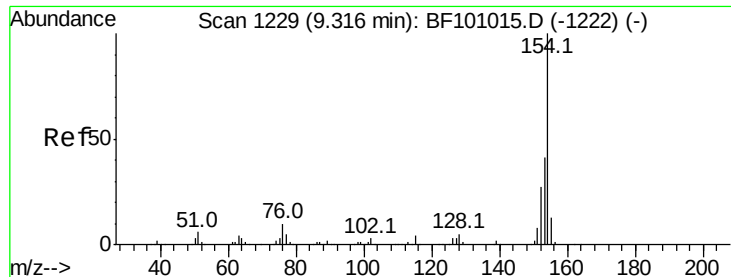
#44
 2-Fluorobiphenyl
 Concen: 76.396 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion:172 Resp: 500833
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.1 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 34.184 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

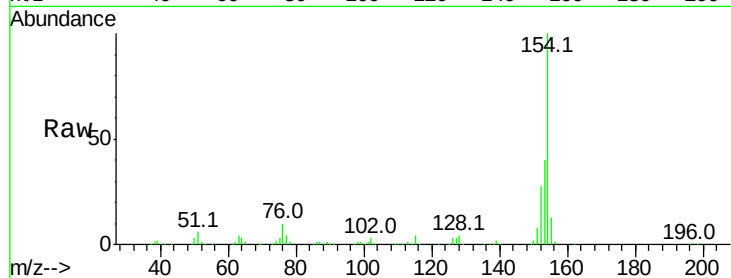
Tot Ion:154 Resp: 280922

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

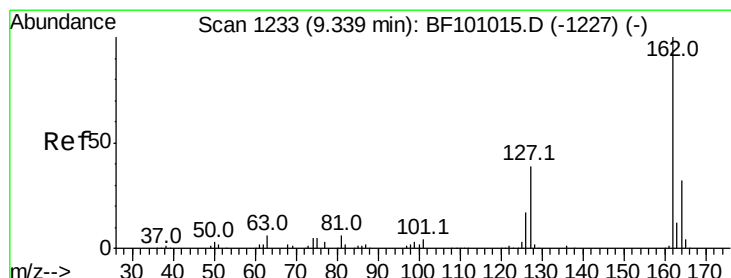
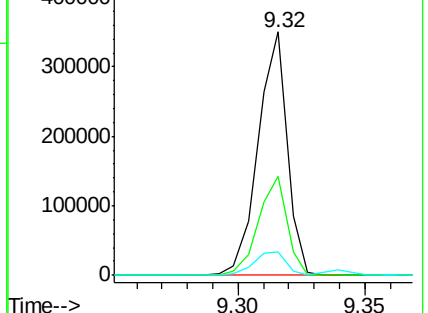
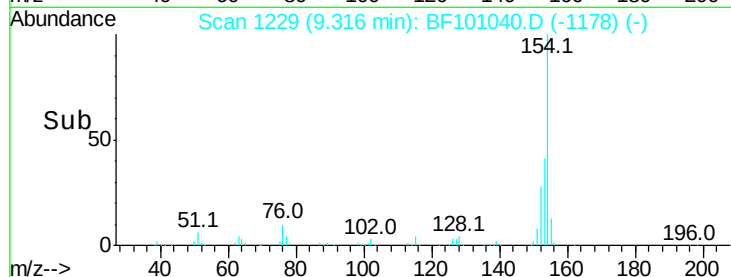
76 9.8 0.0 34.0



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: 36.929 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

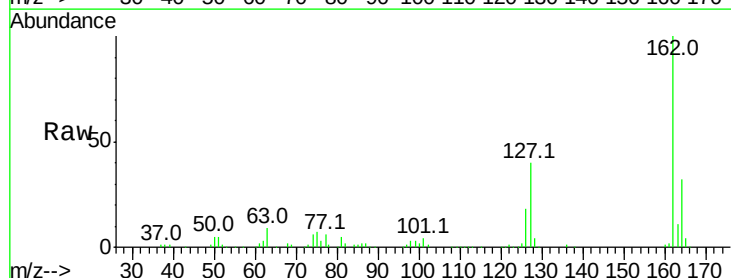
Tgt Ion:162 Resp: 215527

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

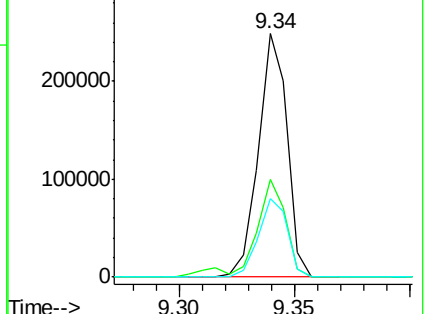
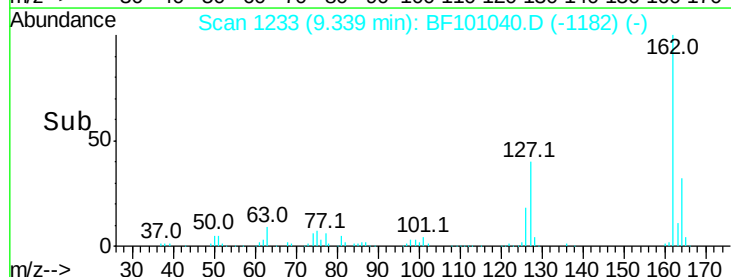
164 32.3 26.5 39.7

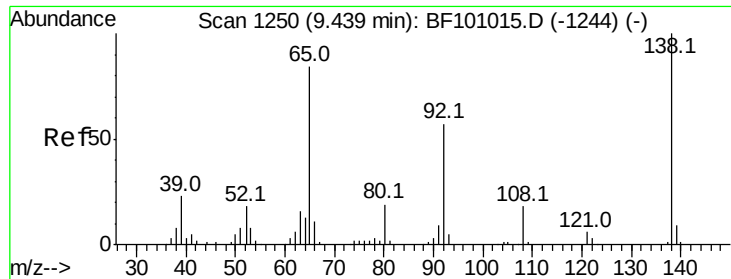


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

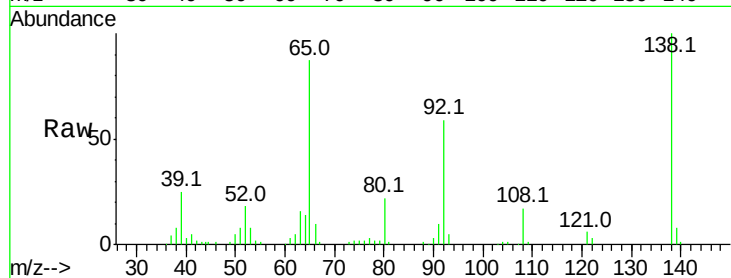




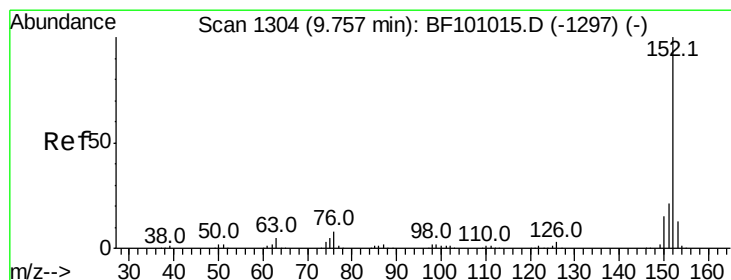
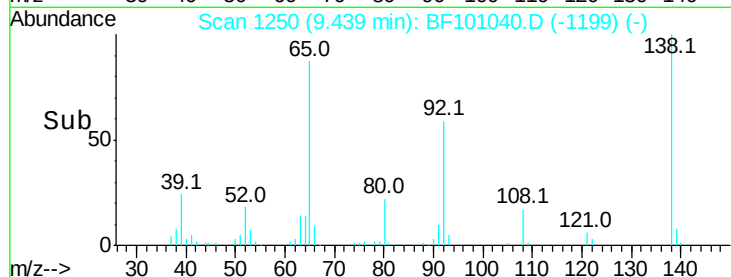
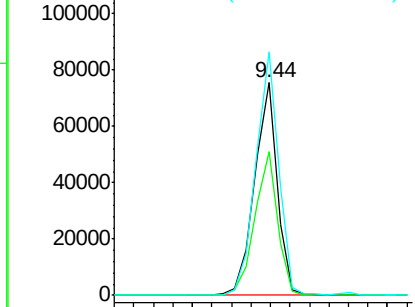
#47
 2-Nitroaniline
 Concen: 35.168 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 60725
 Ion Ratio Lower Upper
 65 100
 92 67.9 55.8 83.6
 138 114.5 91.2 136.8

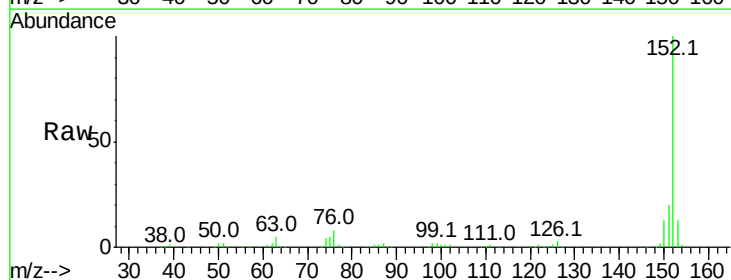


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

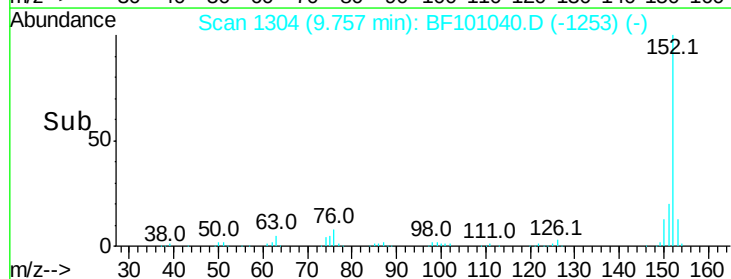
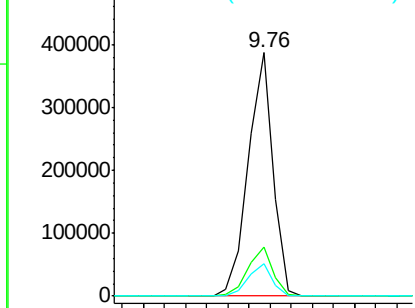


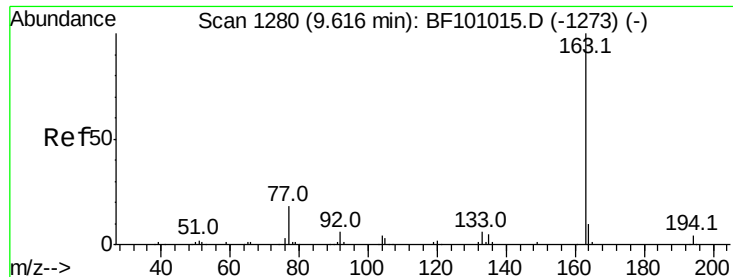
#48
 Acenaphthylene
 Concen: 32.923 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion:152 Resp: 315771
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.1 10.7 16.1



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

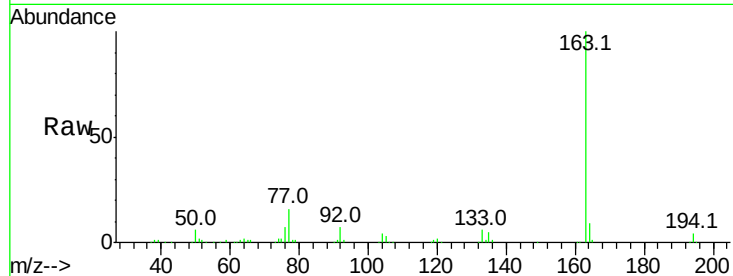




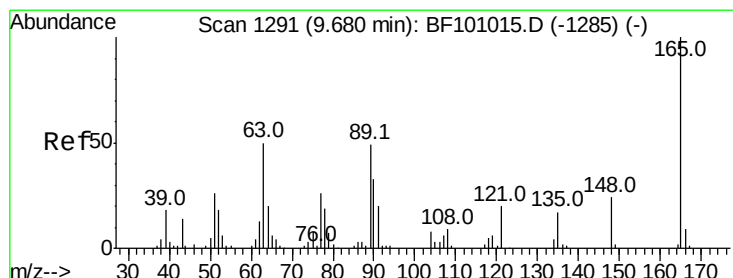
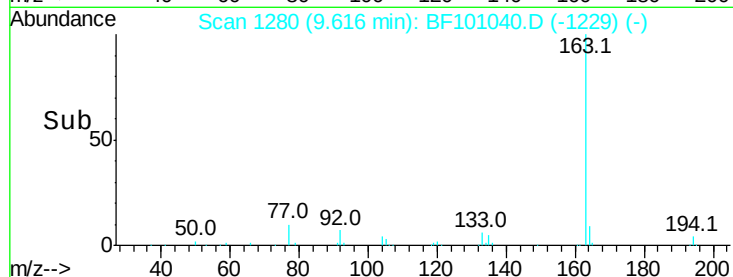
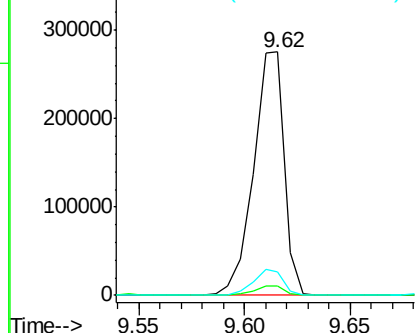
#49
Dimethylphthalate
Concen: 38.460 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 278208
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.4 8.2 12.2

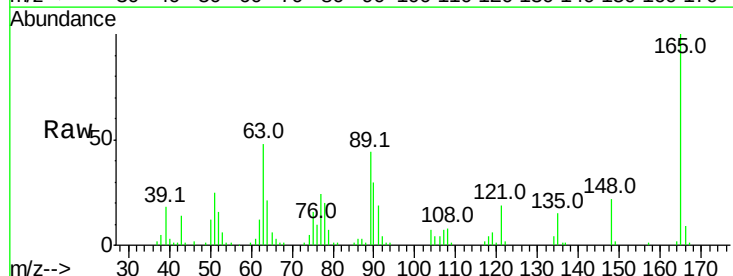


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

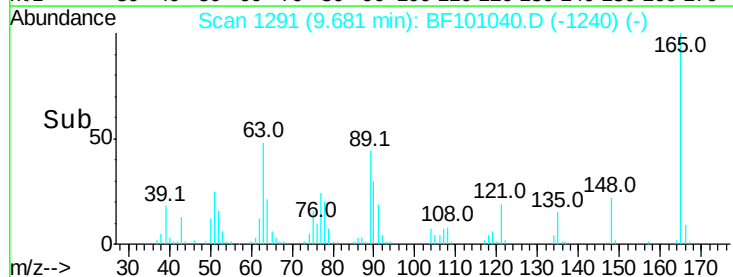
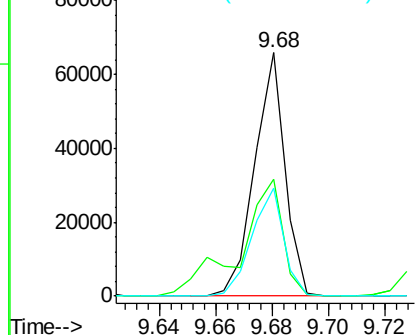


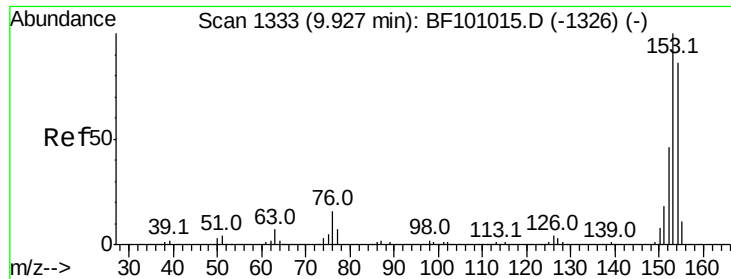
#50
2,6-Dinitrotoluene
Concen: 32.270 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:165 Resp: 49167
Ion Ratio Lower Upper
165 100
63 48.1 44.7 67.1
89 44.3 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: 31.656 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

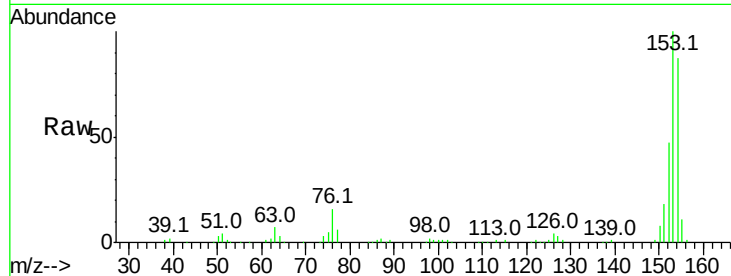
Tot Ion:154 Resp: 181805

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

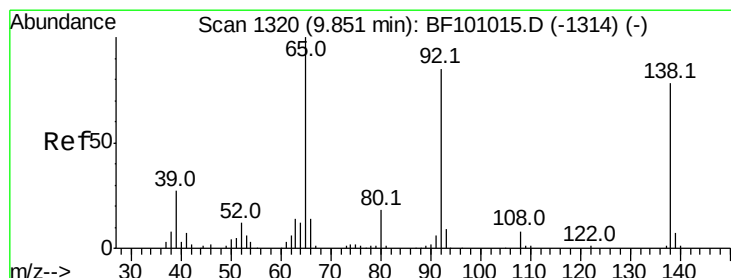
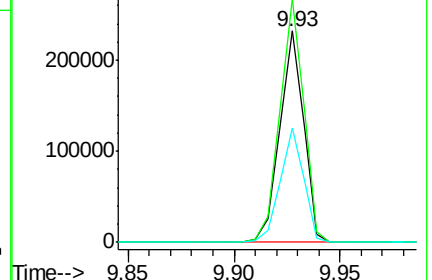
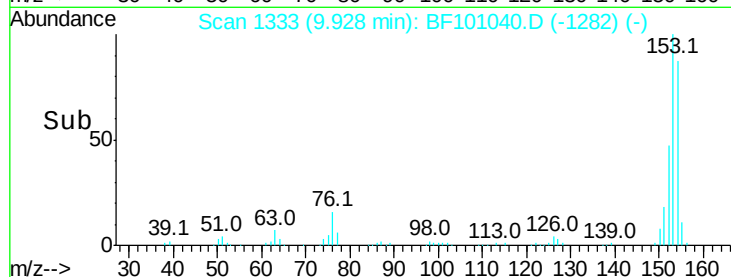
152 54.1 43.8 65.8



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: 27.445 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

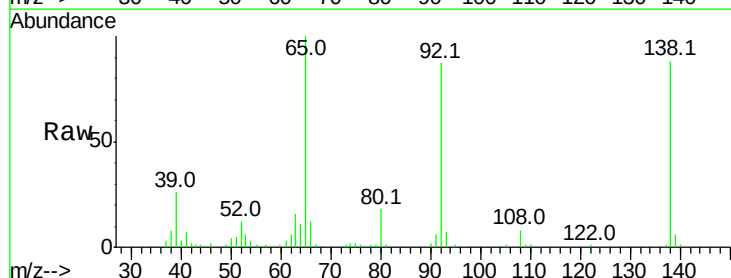
Tgt Ion:138 Resp: 47024

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

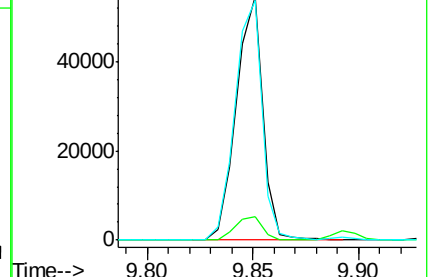
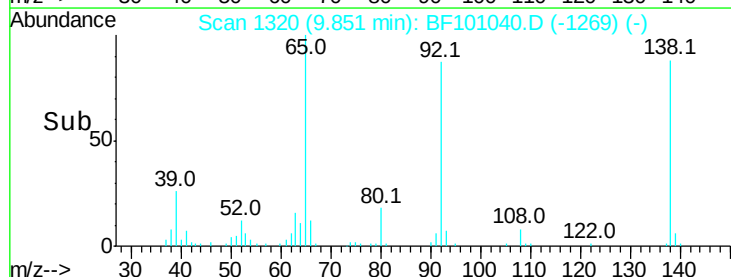
92 98.6 89.4 134.2

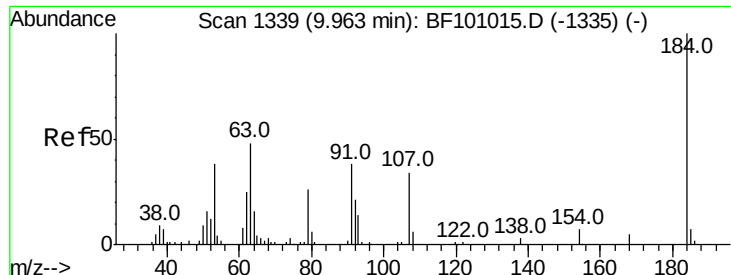


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

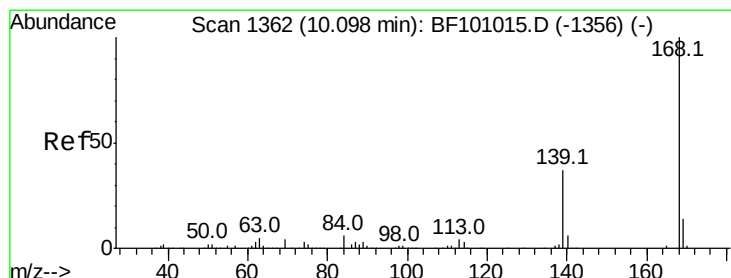
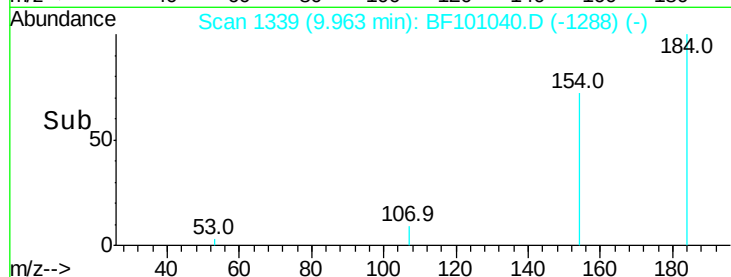
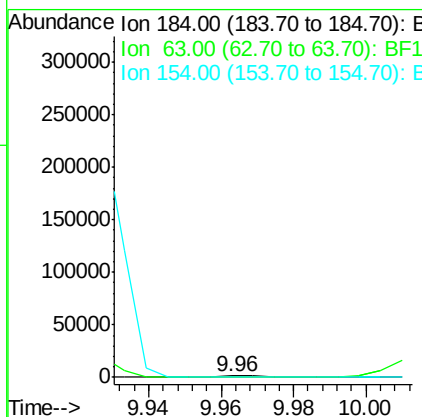
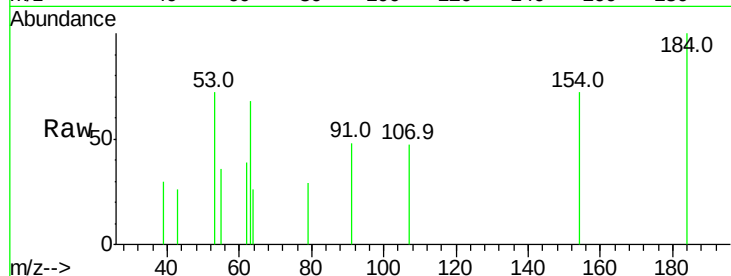




#53
 2,4-Dinitrophenol
 Concen: 6.301 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

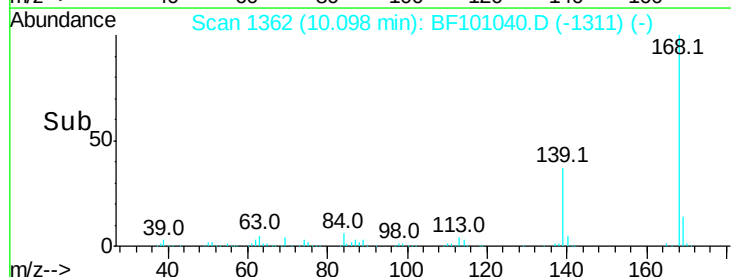
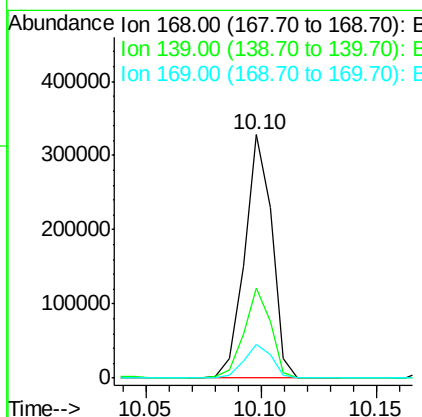
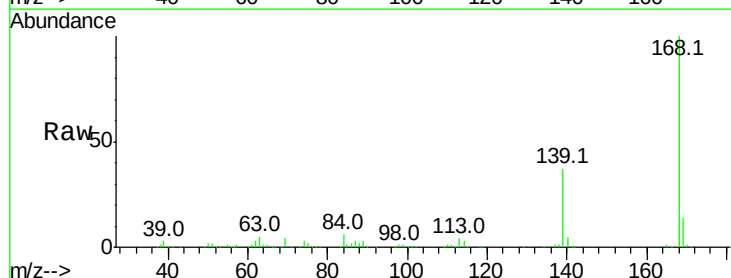
Instrument :
 BNA_F
 ClientSampleId :

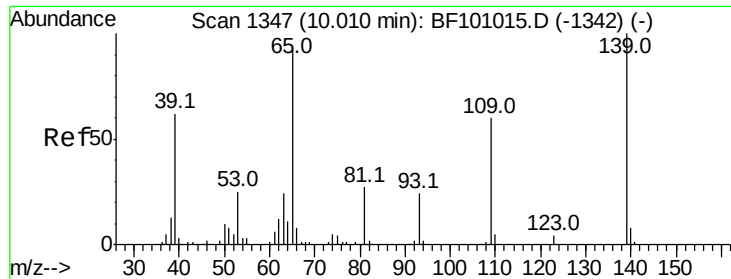
Tot Ion:184 Resp: 1229
 Ion Ratio Lower Upper
 184 100
 63 68.4 54.2 81.2
 154 72.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 32.739 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion:168 Resp: 270963
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.1 45.1
 169 13.7 10.9 16.3

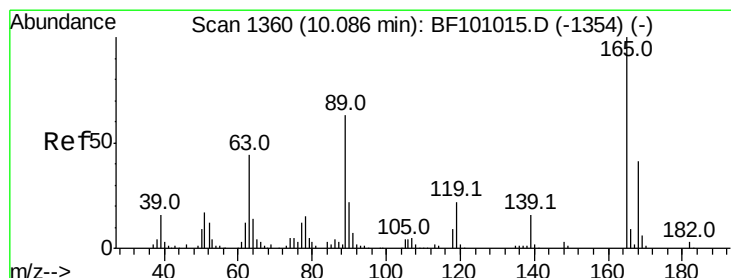
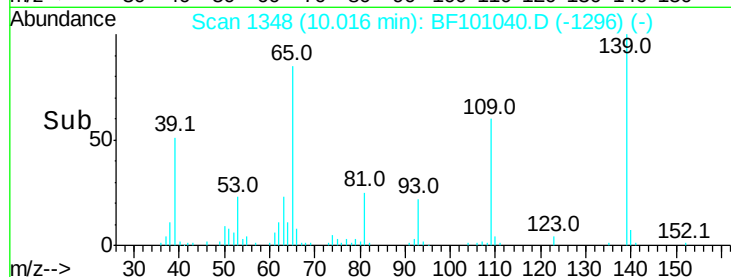
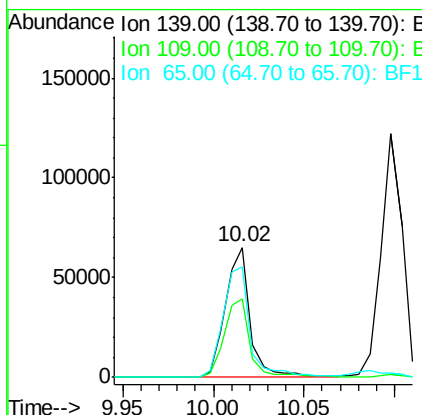
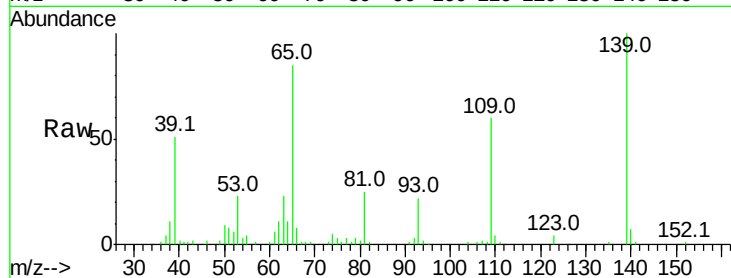




#55
4-Nitrophenol
Concen: 53.731 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

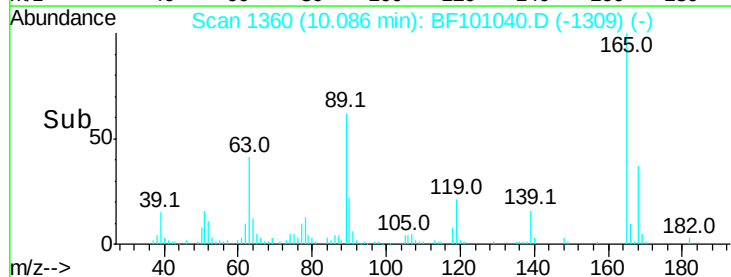
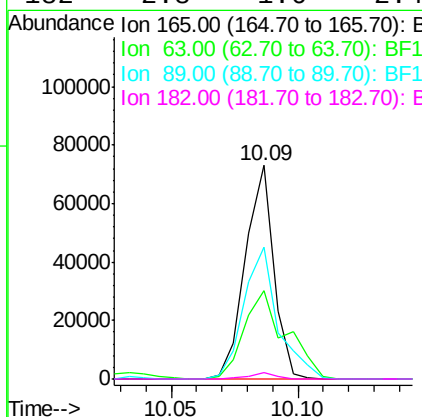
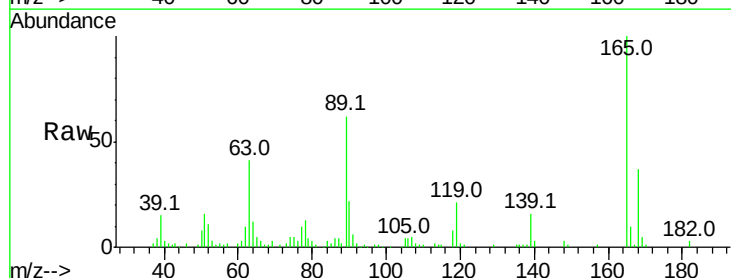
Instrument :
BNA_F
ClientSampled :

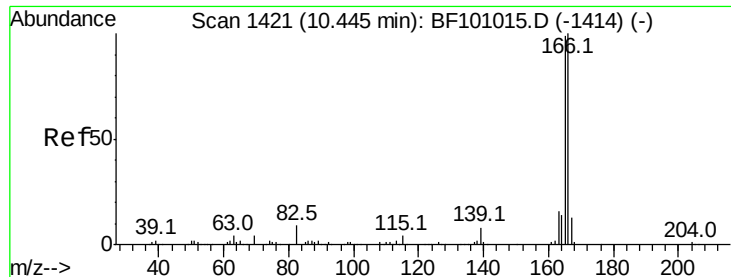
Tot Ion:139 Resp: 62087
Ion Ratio Lower Upper
139 100
109 60.3 48.4 88.4
65 85.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 27.980 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:165 Resp: 57131
Ion Ratio Lower Upper
165 100
63 41.5 36.4 54.6
89 61.6 57.8 86.6
182 2.8 1.6 2.4#

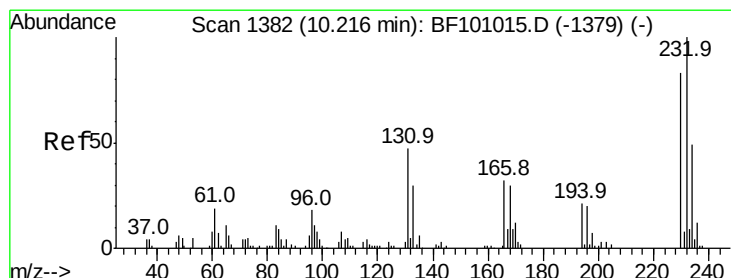
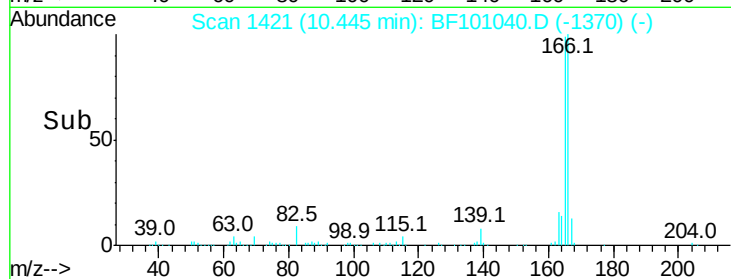
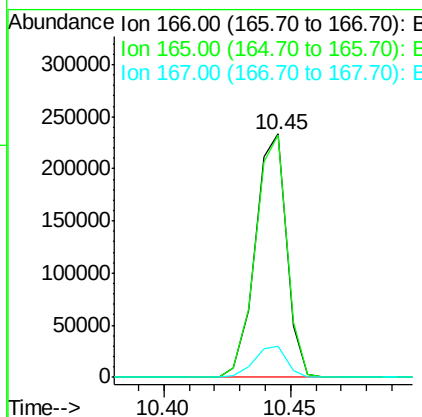
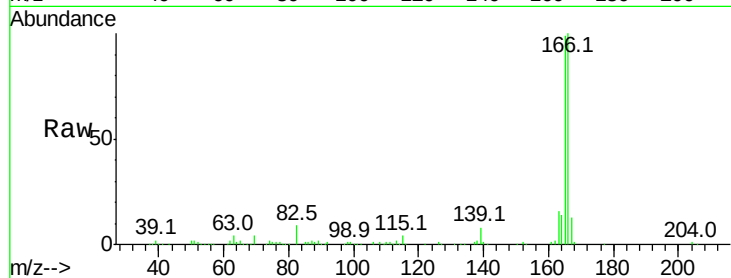




#57
 Fluorene
 Concen: 30.057 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

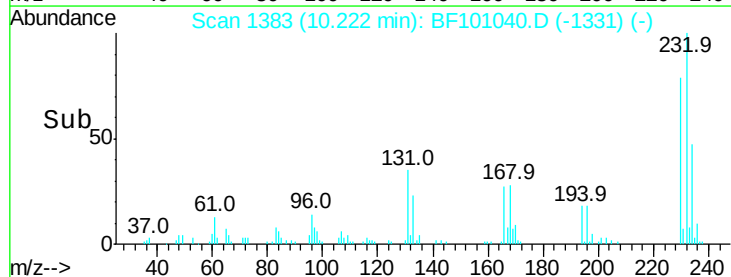
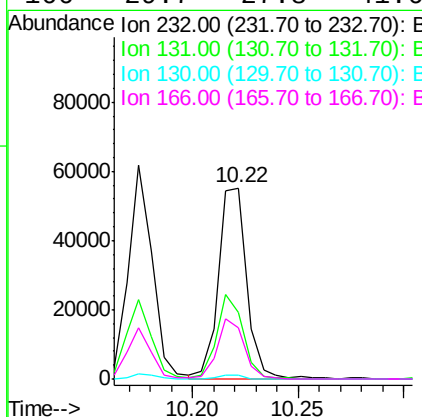
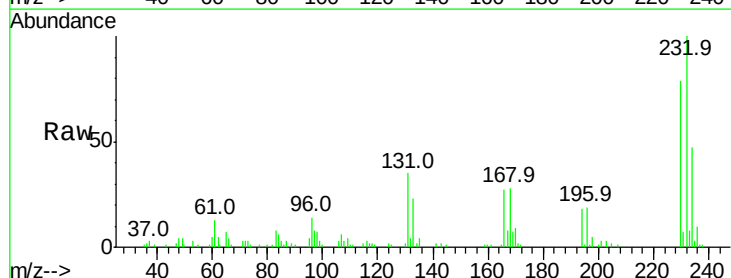
Instrument :
 BNA_F
 ClientSampleId :

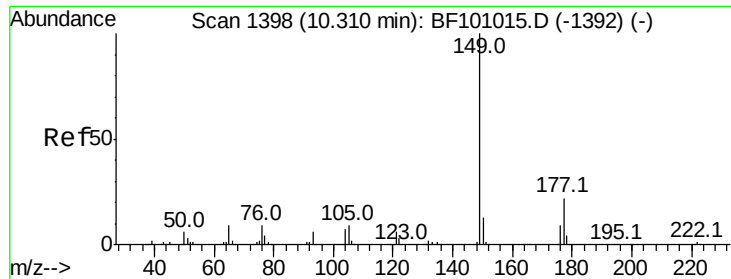
Tot Ion:166 Resp: 202224
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.541 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion:232 Resp: 51572
 Ion Ratio Lower Upper
 232 100
 131 41.3 43.8 65.8#
 130 1.8 2.1 3.1#
 166 29.7 27.8 41.6

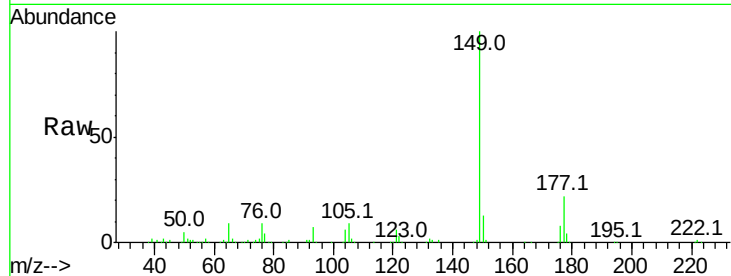




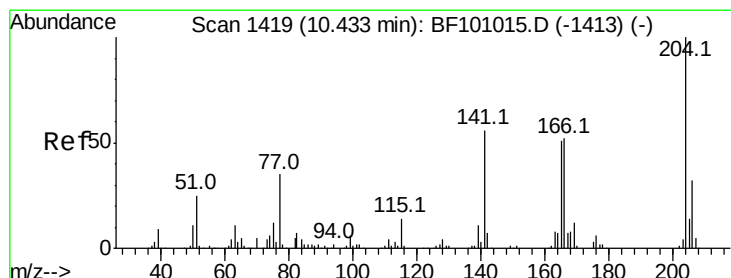
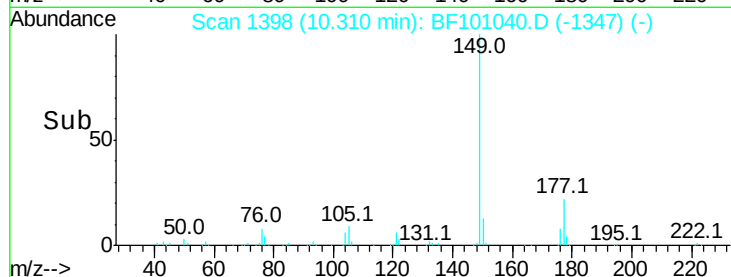
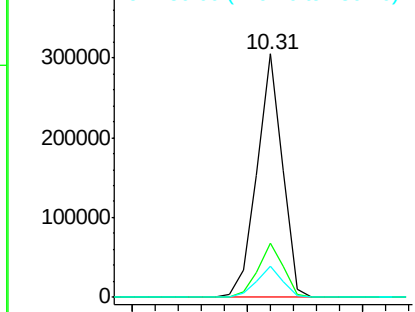
#59
Diethylphthalate
Concen: 33.043 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 235762
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 13.0 10.1 15.1

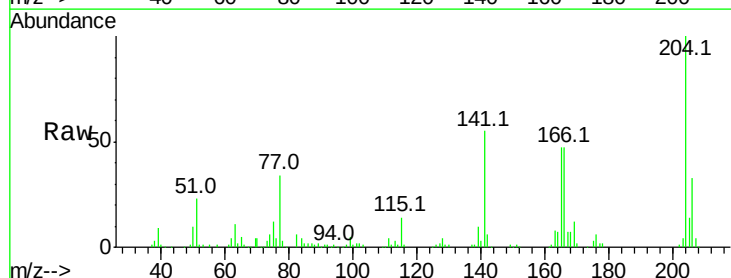


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

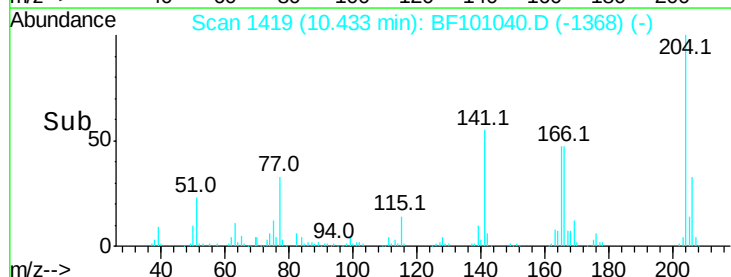
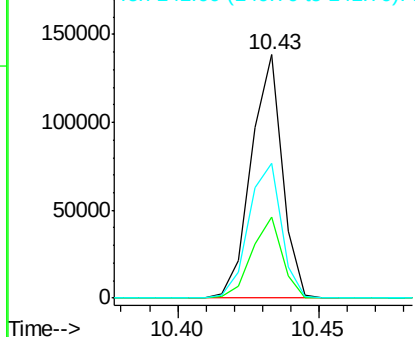


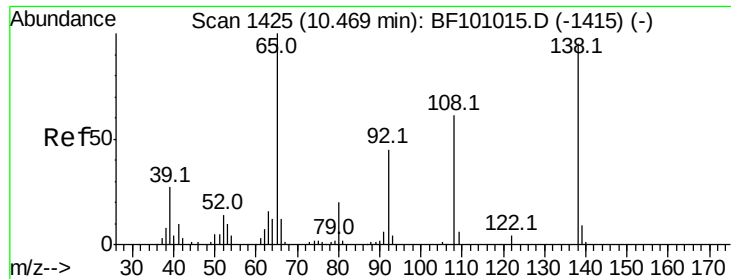
#60
4-Chlorophenyl-phenylether
Concen: 31.734 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:204 Resp: 105416
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 55.3 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

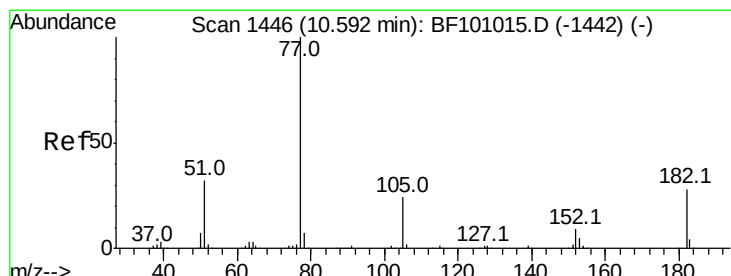
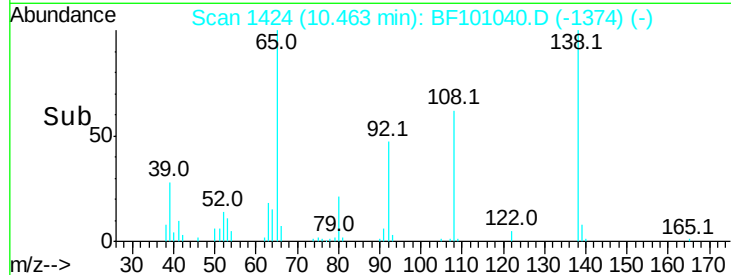
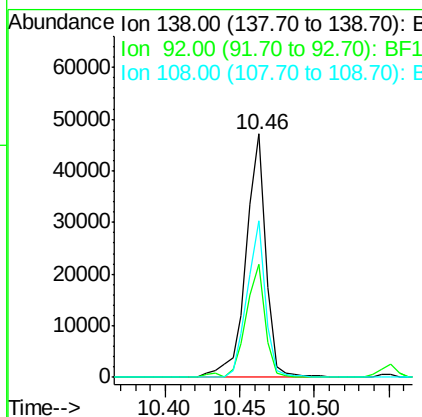
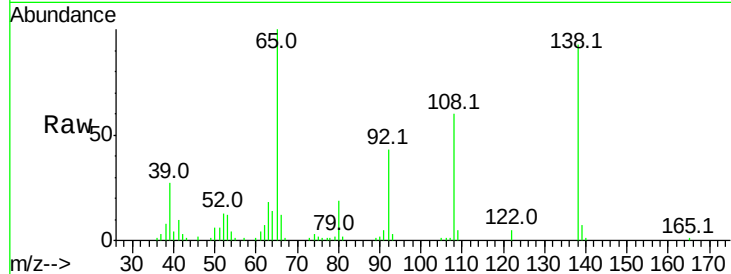




#61
 4-Nitroaniline
 Concen: 24.404 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

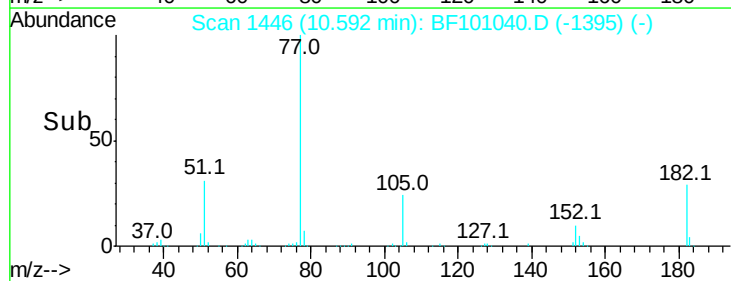
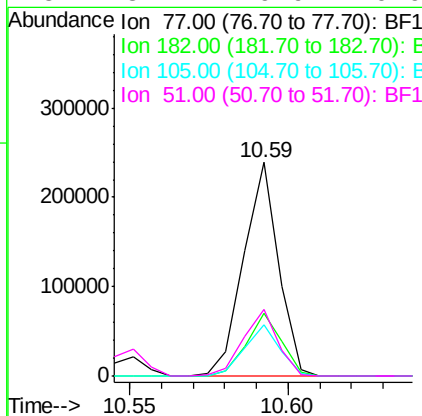
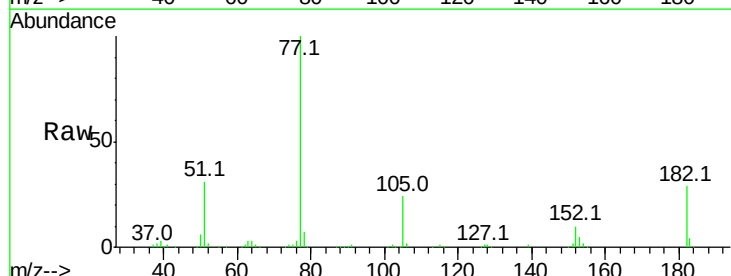
Instrument :
 BNA_F
 ClientSampleId :

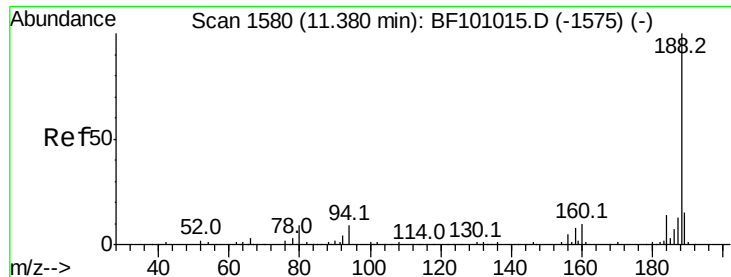
Tot Ion:138 Resp: 43404
 Ion Ratio Lower Upper
 138 100
 92 46.6 30.2 70.2
 108 64.2 52.5 92.5



#62
 Azobenzene
 Concen: 30.175 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion: 77 Resp: 182709
 Ion Ratio Lower Upper
 77 100
 182 29.3 1.7 41.7
 105 24.0 3.0 43.0
 51 31.1 9.9 49.9

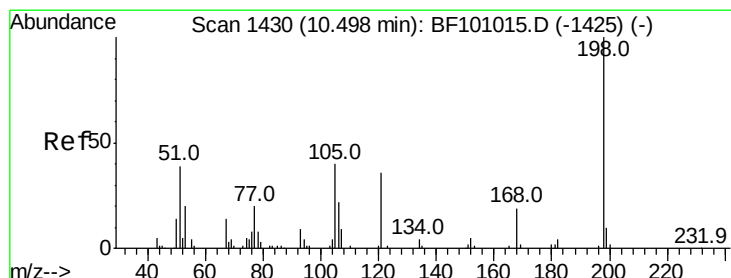
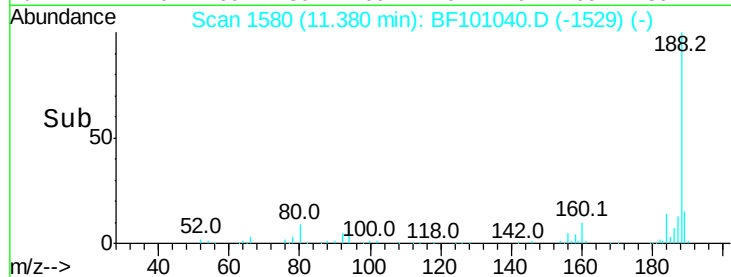
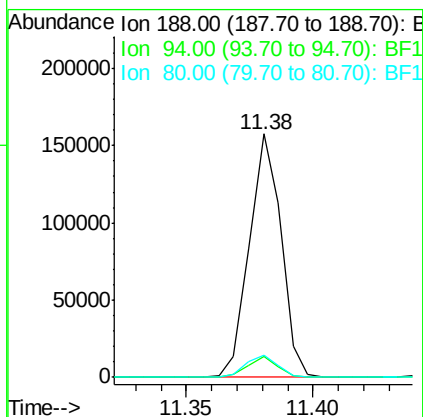
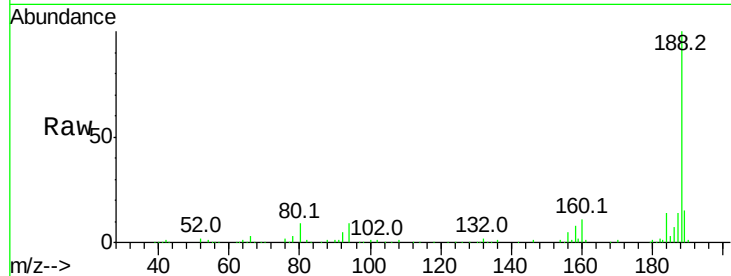




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

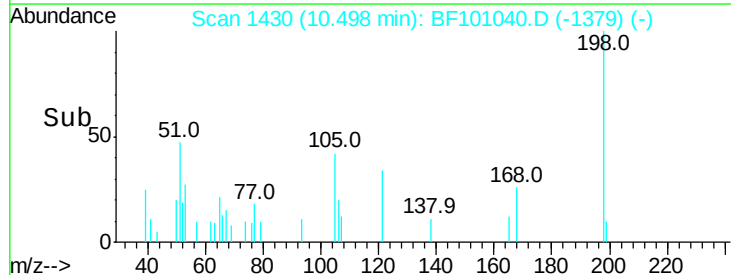
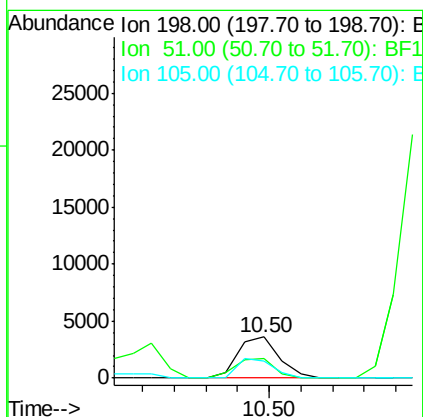
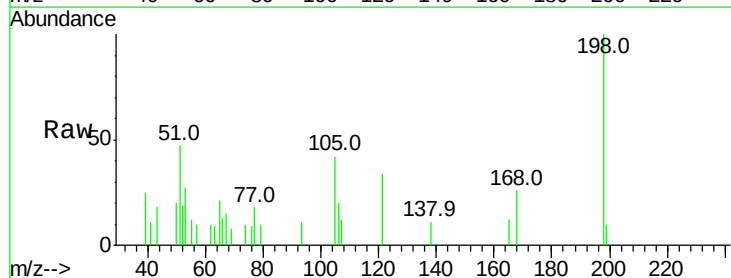
Instrument :
 BNA_F
 ClientSampleId :

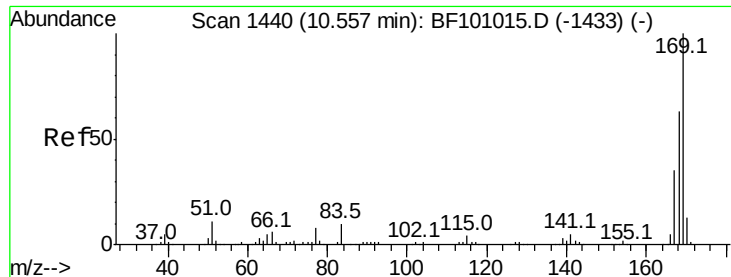
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.0	9.2	13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.461 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.3	37.7	77.7
105	41.9	36.3	76.3

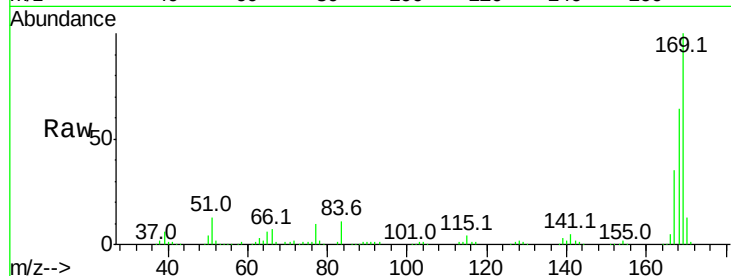




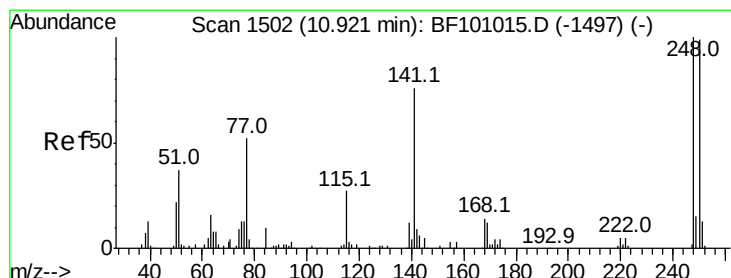
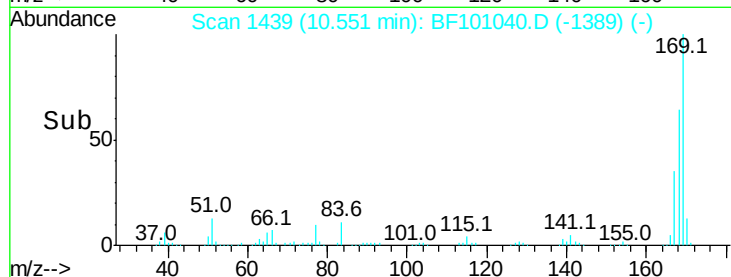
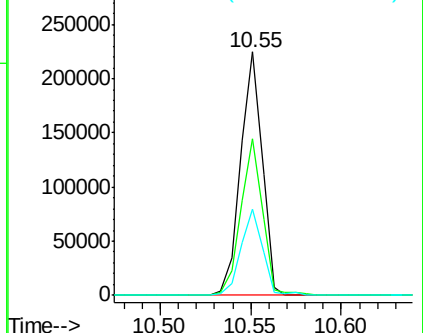
#65
 n-Nitrosodiphenylamine
 Concen: 38.378 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 186236
 Ion Ratio Lower Upper
 169 100
 168 64.4 54.4 81.6
 167 35.4 29.8 44.6

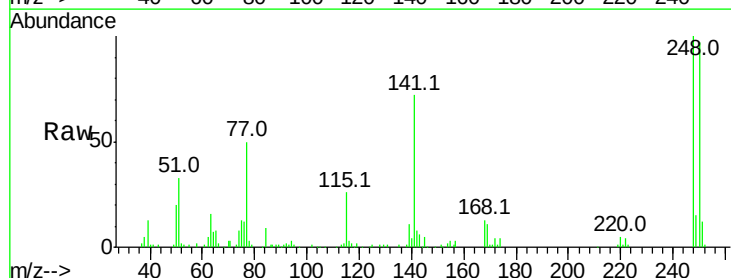


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

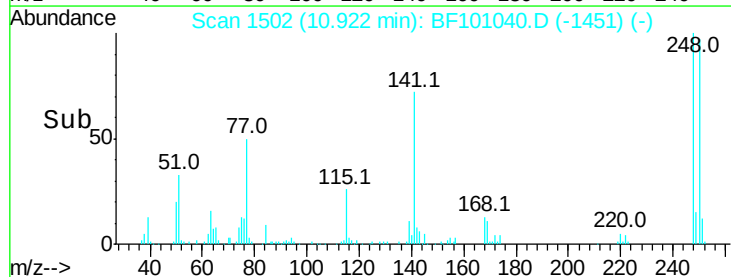
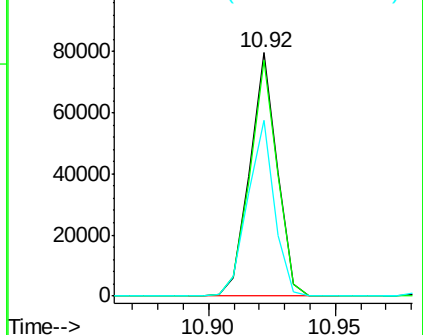


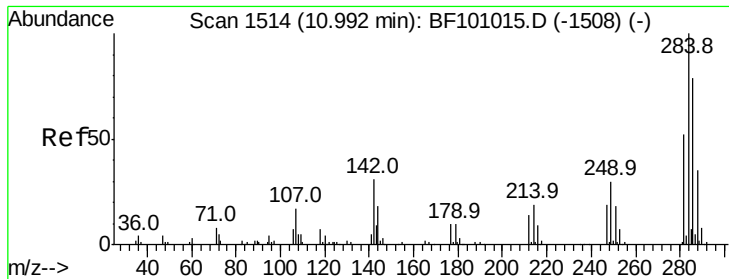
#66
 4-Bromophenyl-phenylether
 Concen: 38.845 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion:248 Resp: 59808
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.9 115.3
 141 72.3 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.364 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BF101040.D

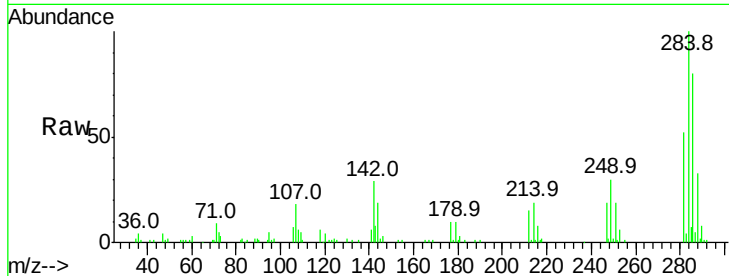
Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

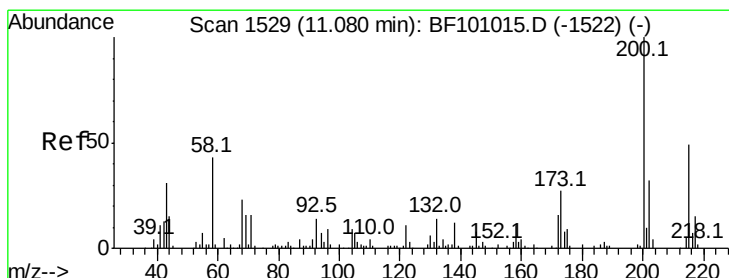
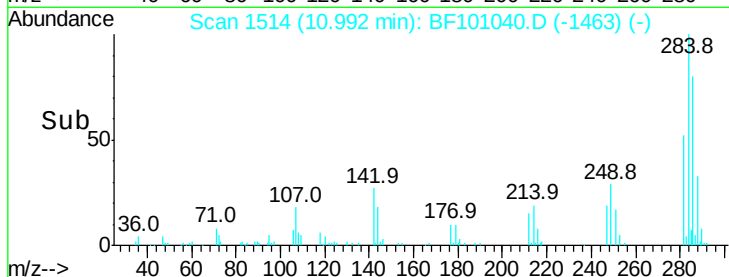
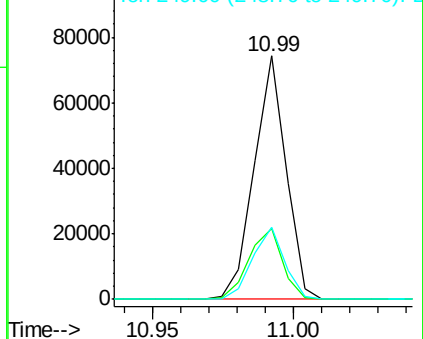
Tot Ion:	284	Resp:	58355
Ion	Ratio	Lower	Upper
284	100		
142	28.9	34.6	52.0#
249	29.8	24.8	37.2



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: 36.454 ng

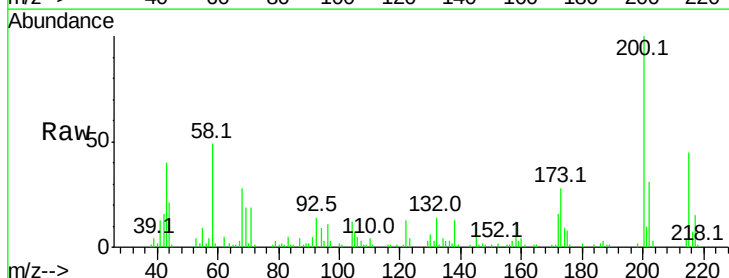
RT: 11.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

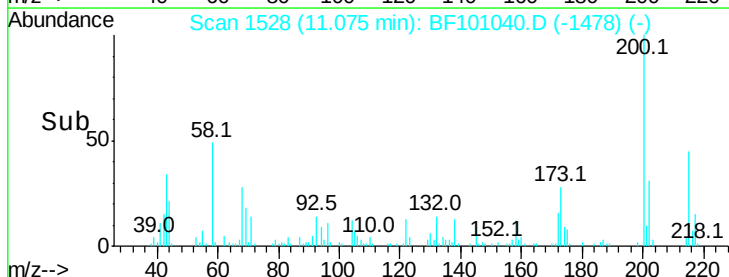
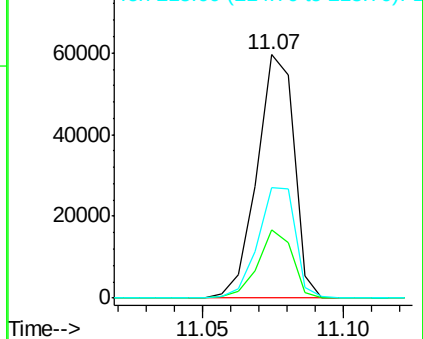
Tgt Ion:	200	Resp:	54263
Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.6	48.6
215	45.4	25.1	65.1

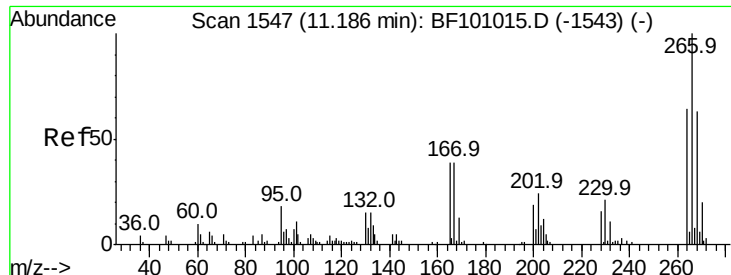


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

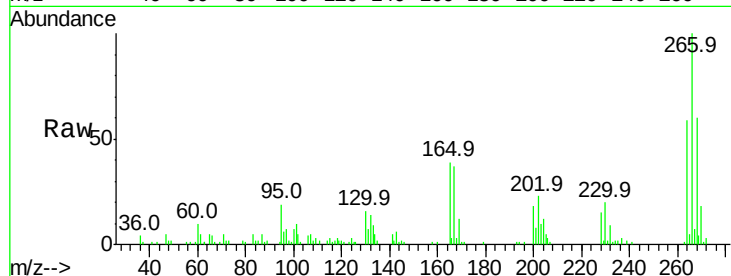




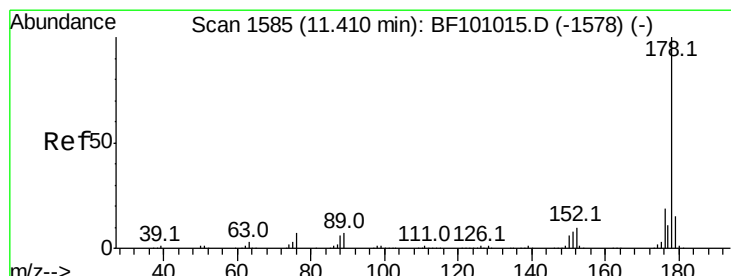
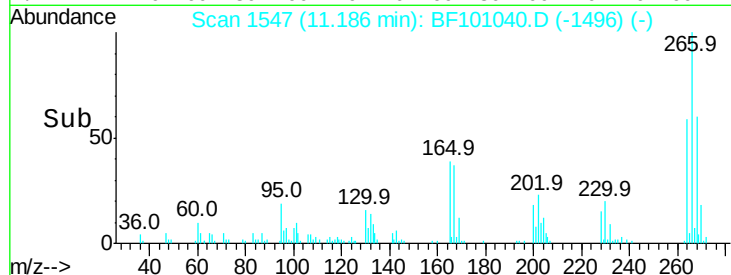
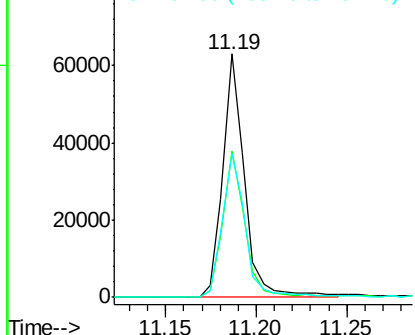
#69
 Pentachlorophenol
 Concen: 57.902 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 52535
 Ion Ratio Lower Upper
 266 100
 268 60.3 51.1 76.7
 264 59.2 49.5 74.3

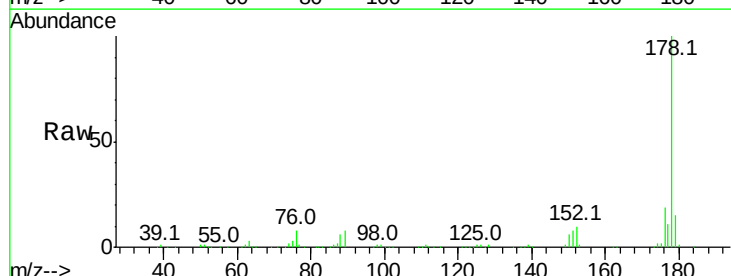


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

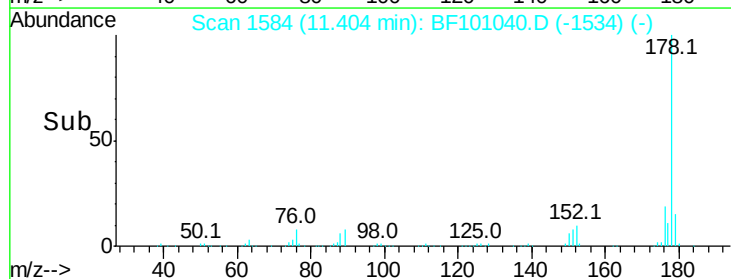
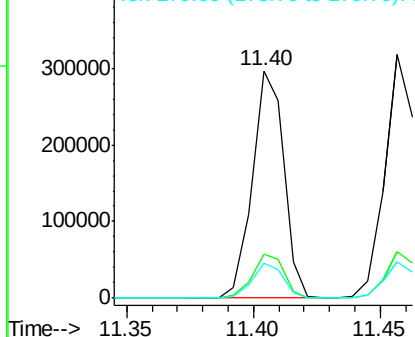


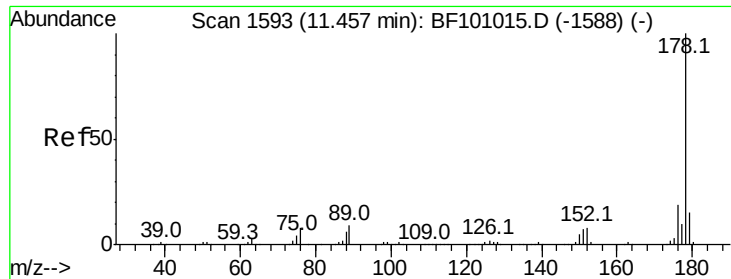
#70
 Phenanthrene
 Concen: 34.016 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion:178 Resp: 257664
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.4 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

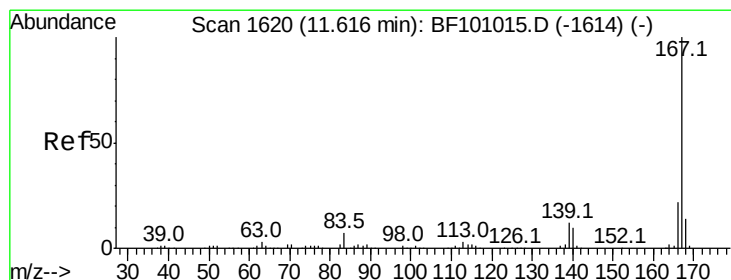
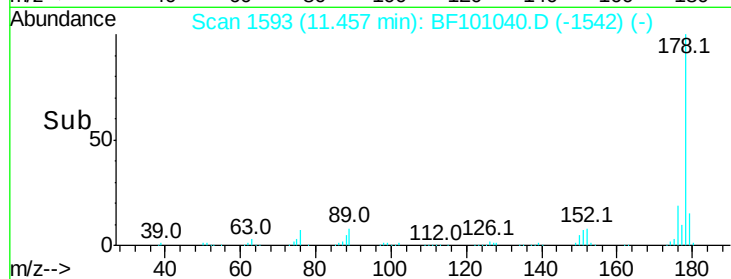
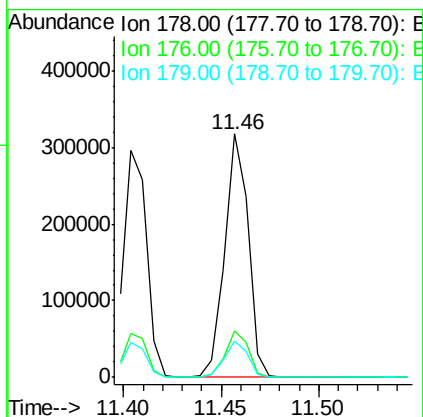
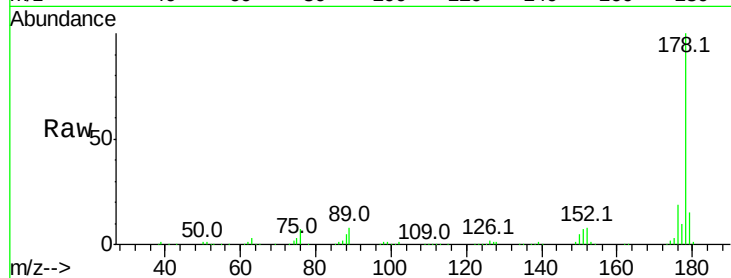




#71
 Anthracene
 Concen: 34.629 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

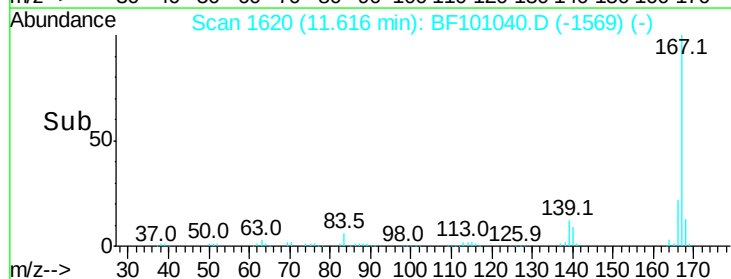
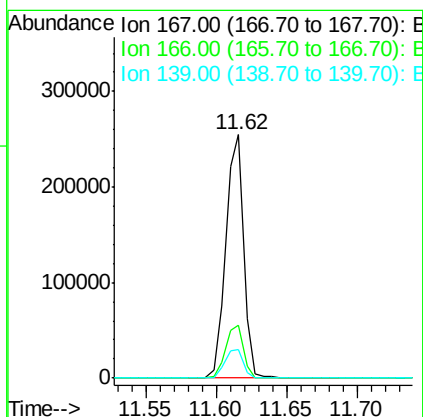
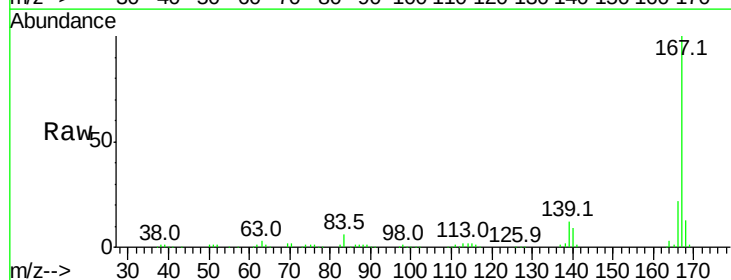
Instrument :
 BNA_F
 ClientSampleId :

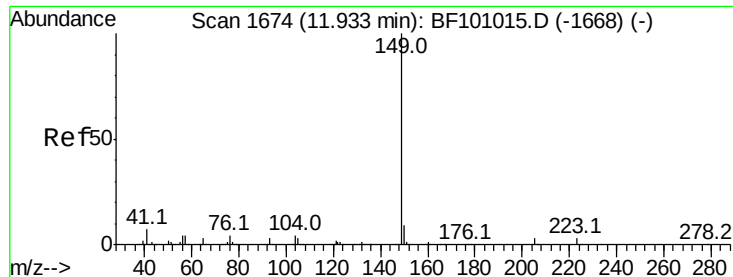
Tot Ion:178 Resp: 265484
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 14.7 12.6 19.0



#72
 Carbazole
 Concen: 31.938 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF101040.D
 Acq: 1 Dec 2017 1:33

Tgt Ion:167 Resp: 223710
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 11.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.701 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

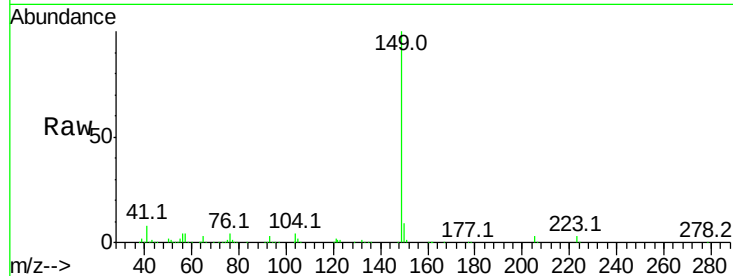
Tot Ion:149 Resp: 304663

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

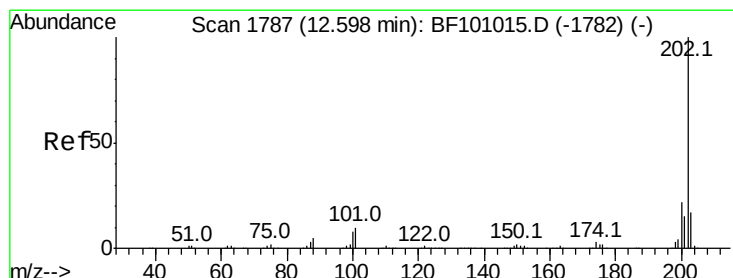
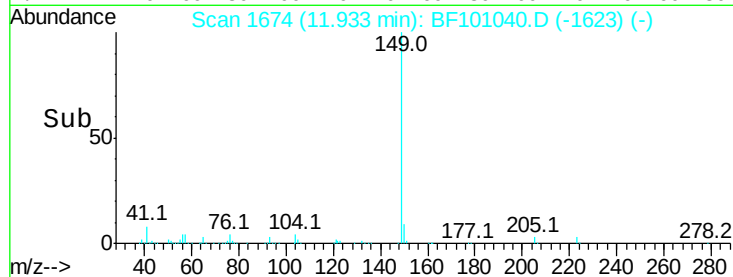
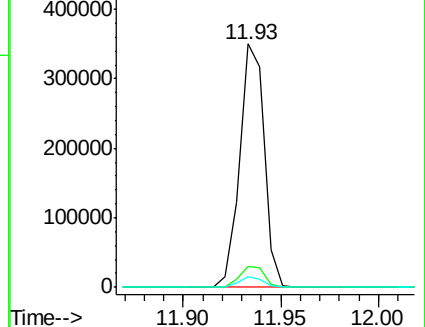
104 4.2 3.8 5.8



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: 32.536 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

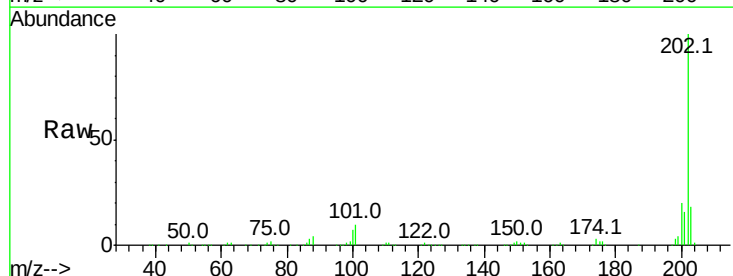
Tgt Ion:202 Resp: 273190

Ion Ratio Lower Upper

202 100

101 9.9 0.0 34.1

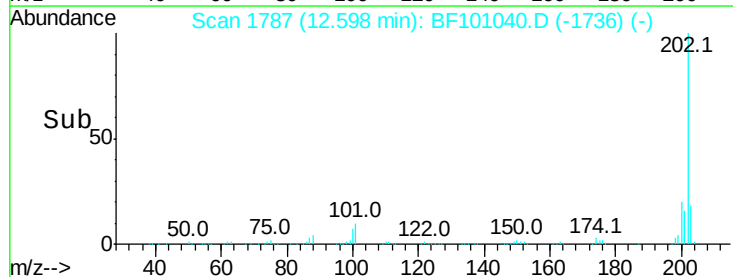
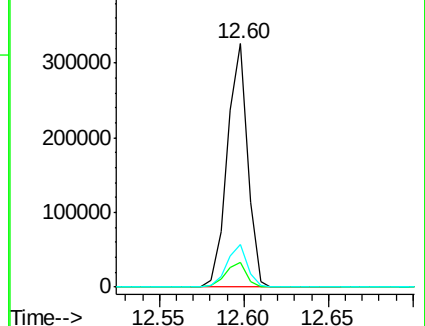
203 17.6 0.0 38.1

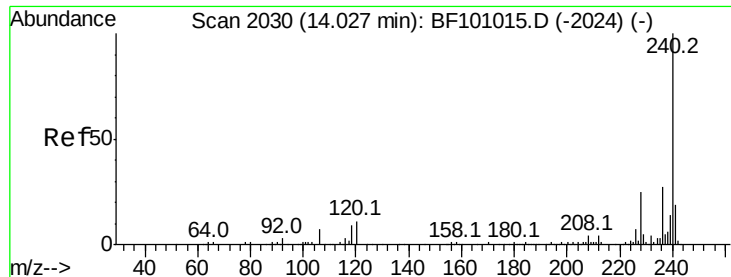


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

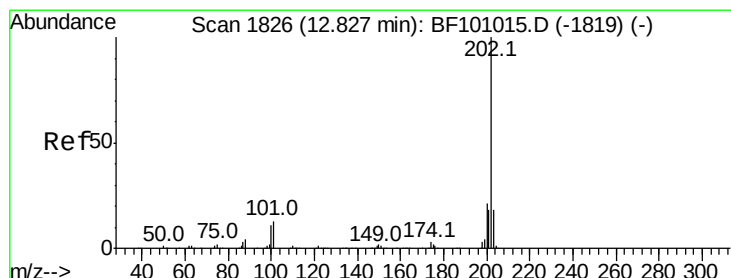
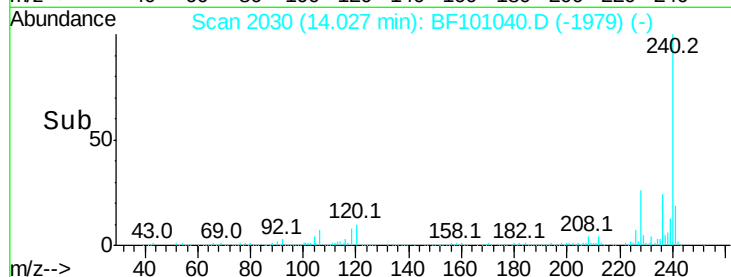
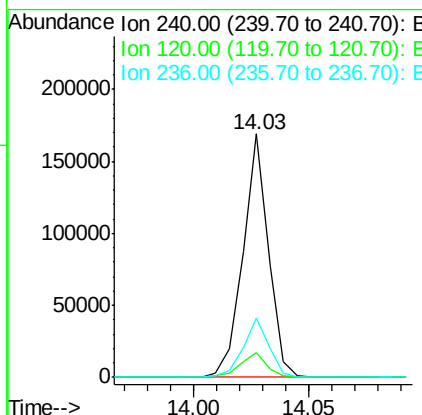
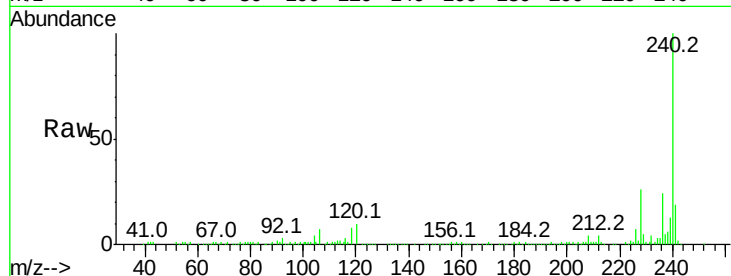




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

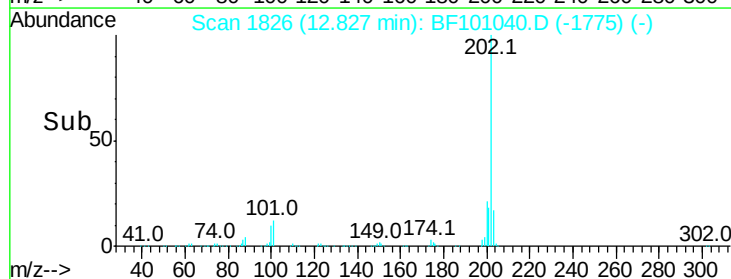
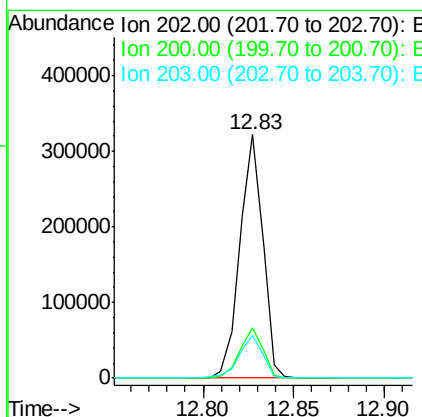
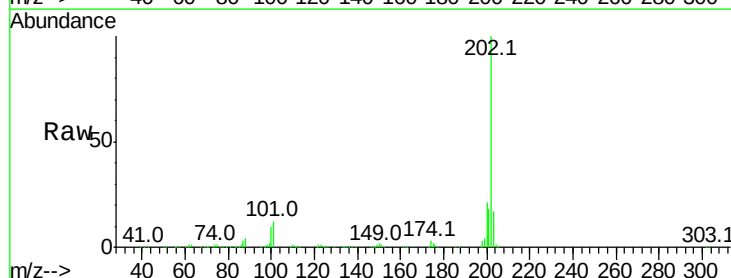
Instrument :
BNA_F
ClientSampleId :

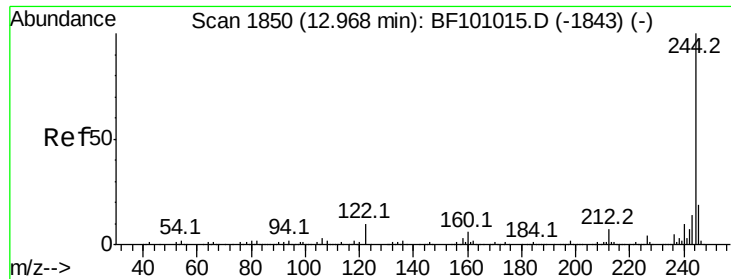
Tot Ion:240 Resp: 129914
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 24.5 20.7 31.1



#77
Pyrene
Concen: 31.602 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:202 Resp: 283298
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.4 14.3 21.5





#78

Terphenyl-d14

Concen: 61.436 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampled :

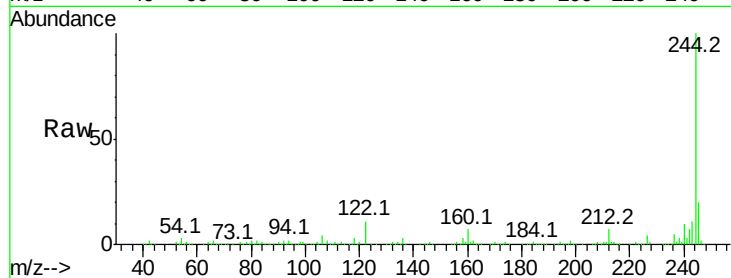
Tot Ion:244 Resp: 364905

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

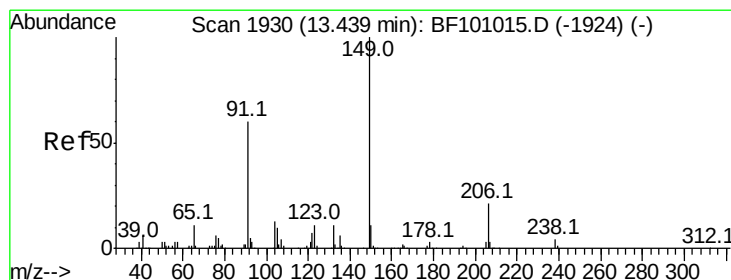
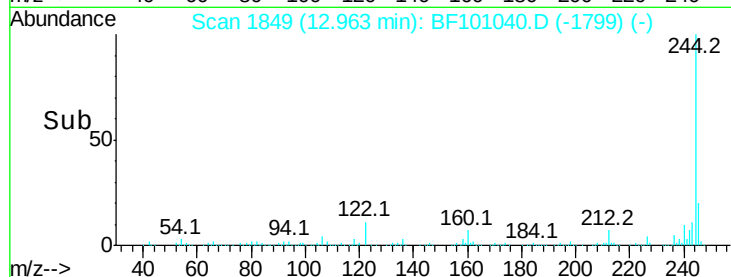
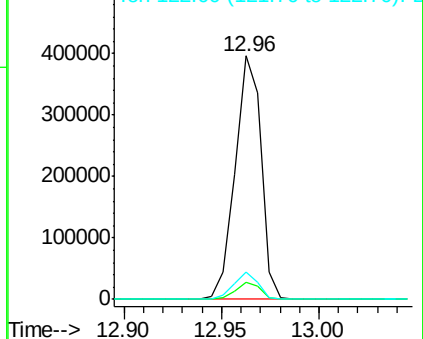
122 11.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 32.056 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

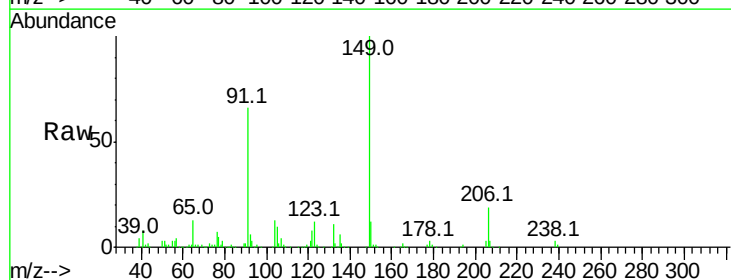
Tgt Ion:149 Resp: 126696

Ion Ratio Lower Upper

149 100

91 65.7 56.8 85.2

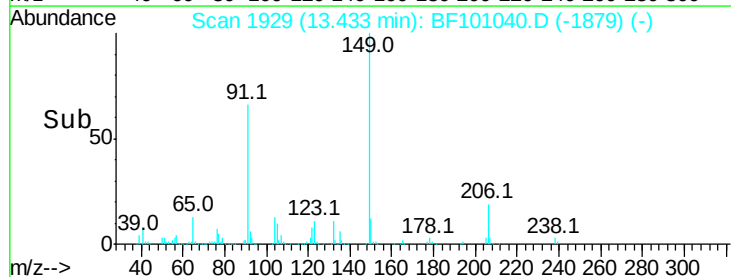
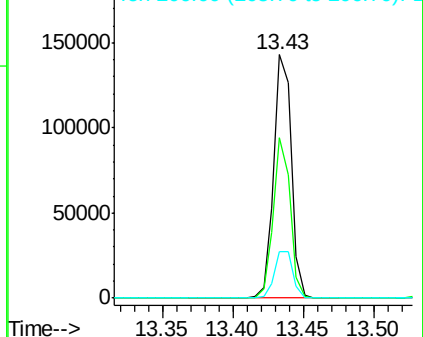
206 19.0 14.1 21.1

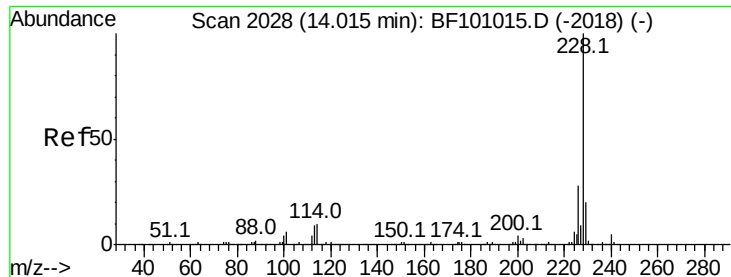


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

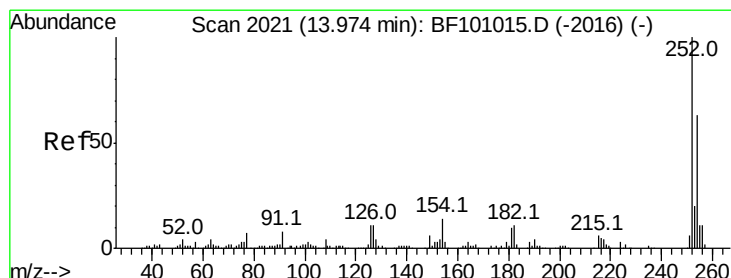
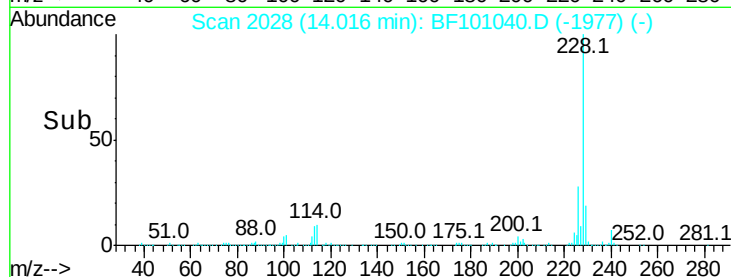
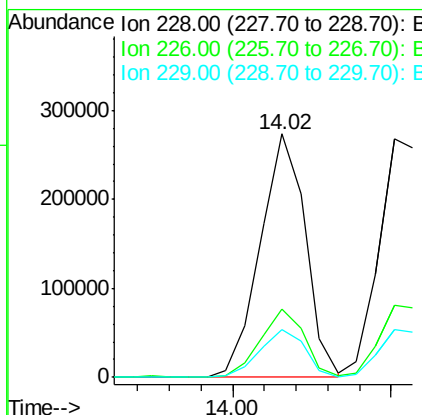
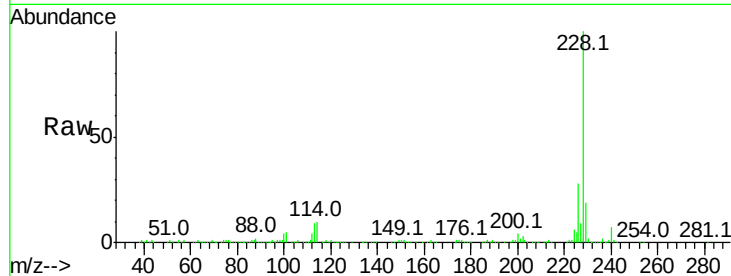




#80
Benzo(a)anthracene
Concen: 33.028 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

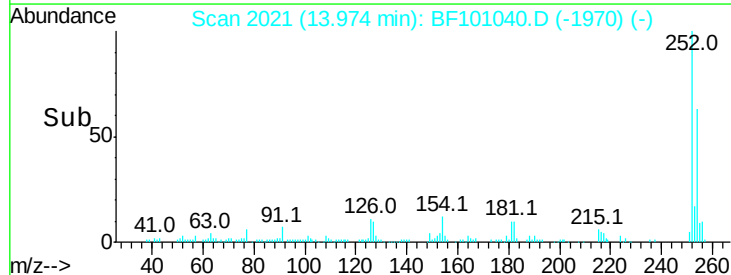
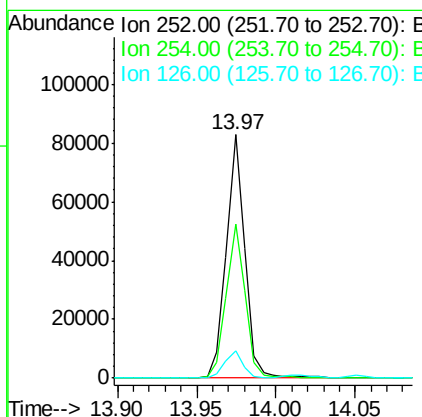
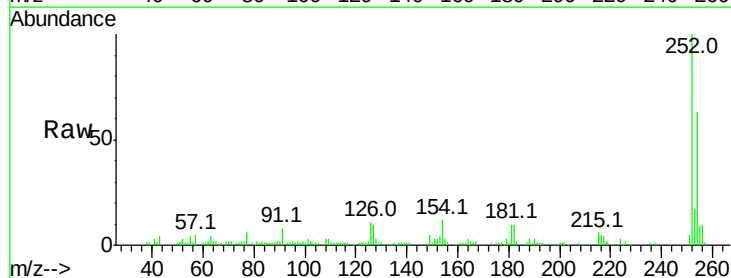
Instrument :
BNA_F
ClientSampleId :

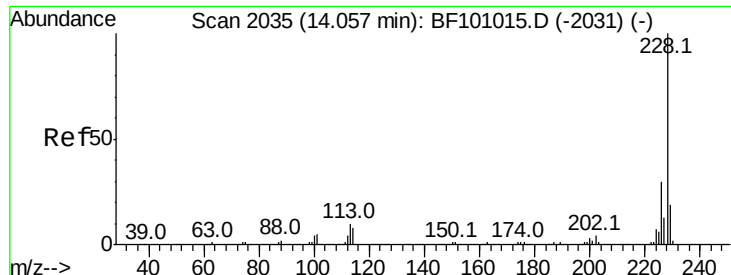
Tot Ion:228 Resp: 270918
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.5 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 23.727 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:252 Resp: 67403
Ion Ratio Lower Upper
252 100
254 63.5 50.4 75.6
126 11.0 11.3 16.9#





#82

Chrysene

Concen: 33.187 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

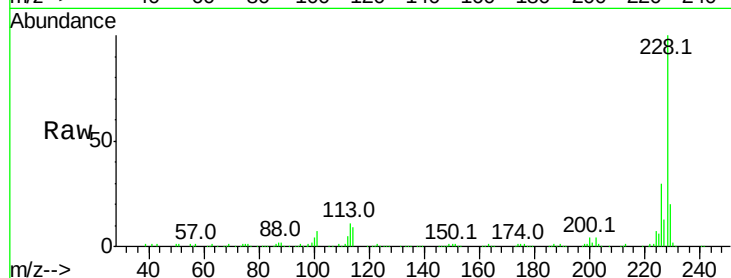
Tot Ion:228 Resp: 252815

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

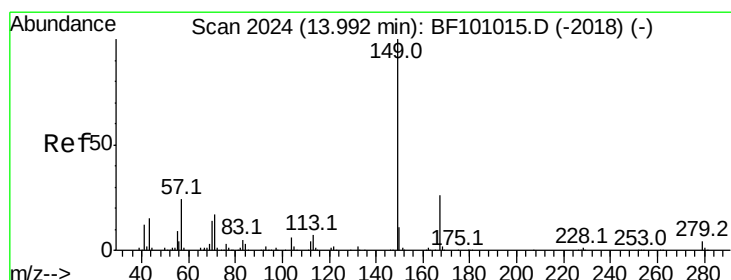
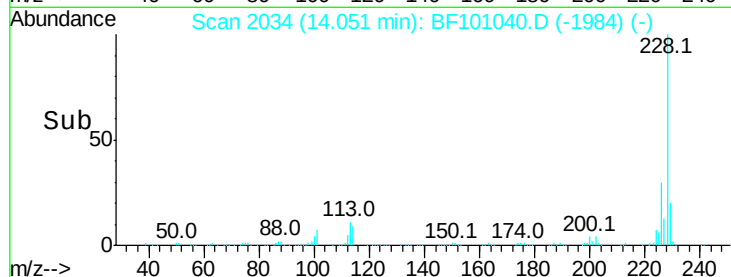
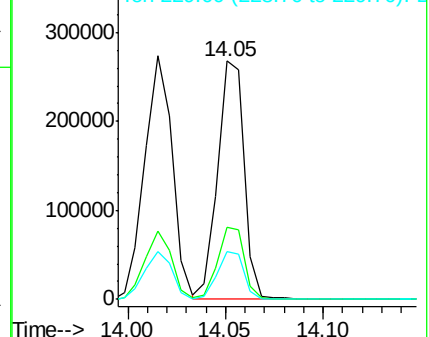
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.375 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

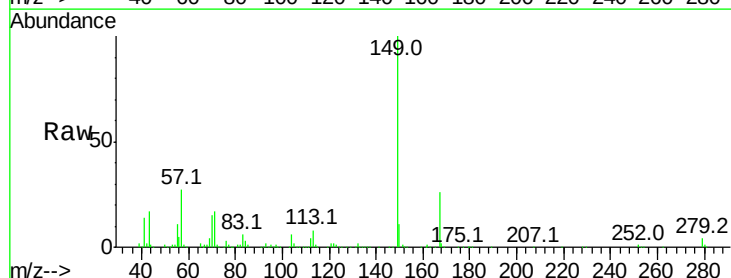
Tgt Ion:149 Resp: 221894

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

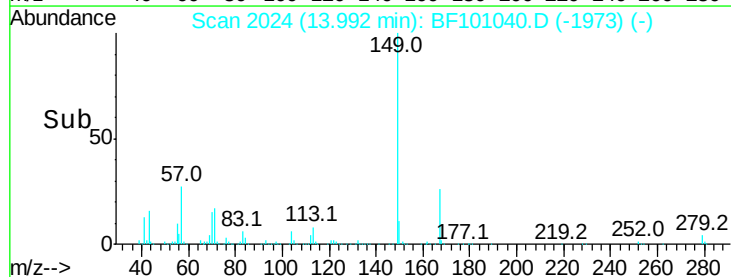
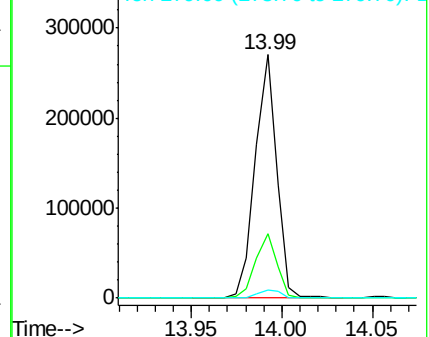
279 3.5 3.0 4.4

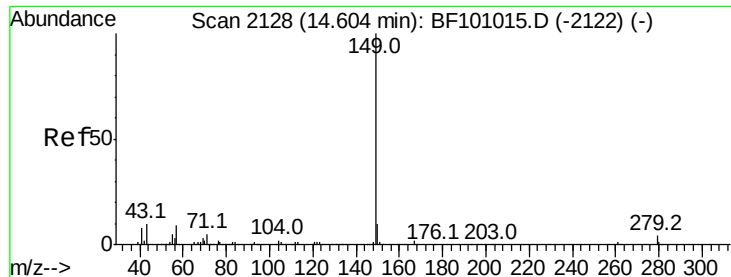


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

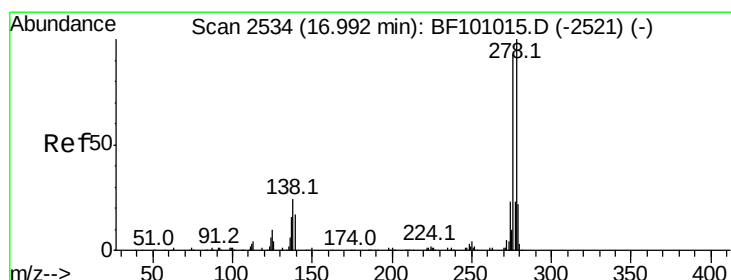
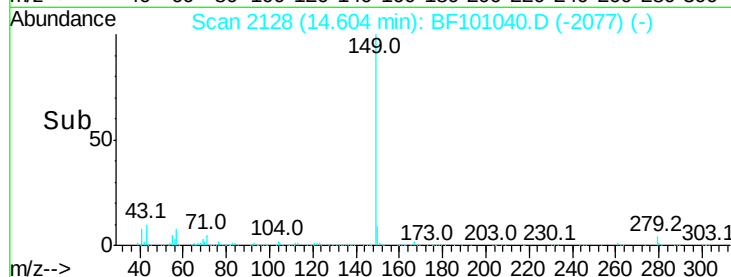
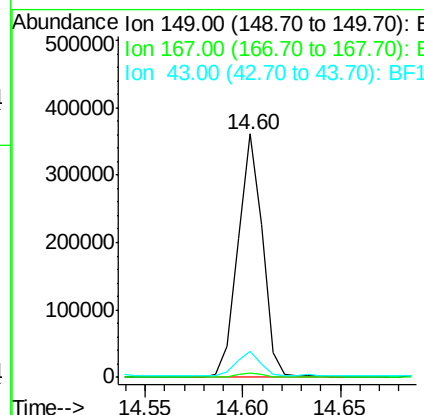
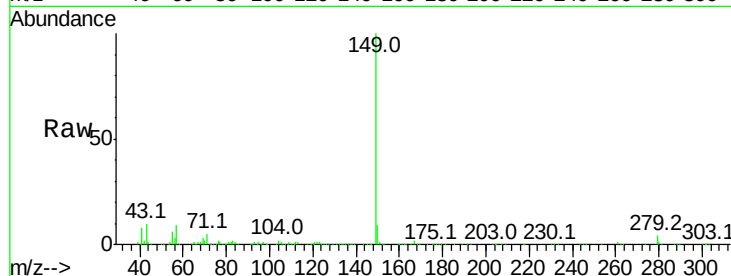




#84
Di-n-octyl phthalate
Concen: 33.088 ng
RT: 14.60 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

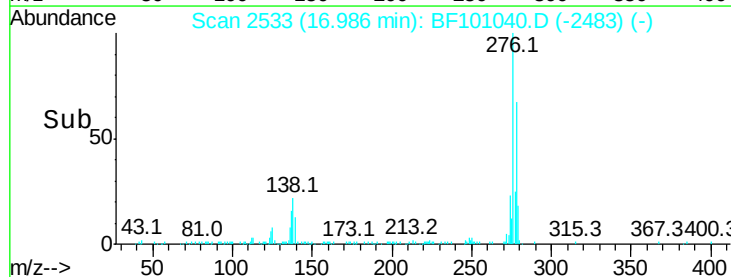
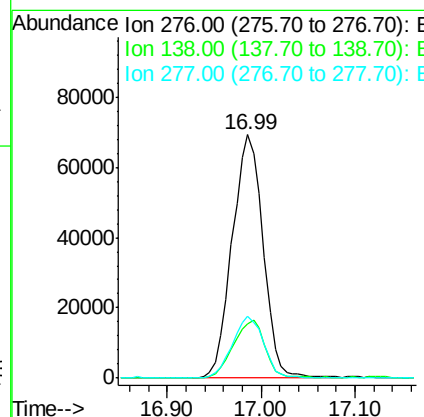
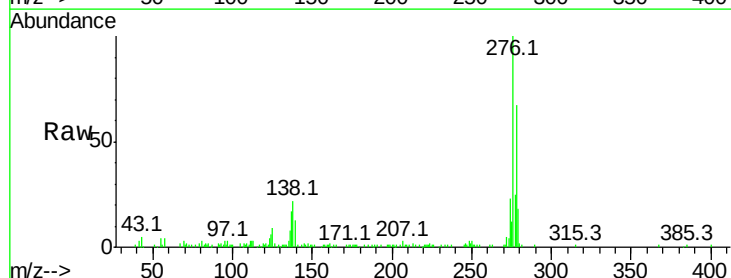
Instrument :
BNA_F
ClientSampleId :

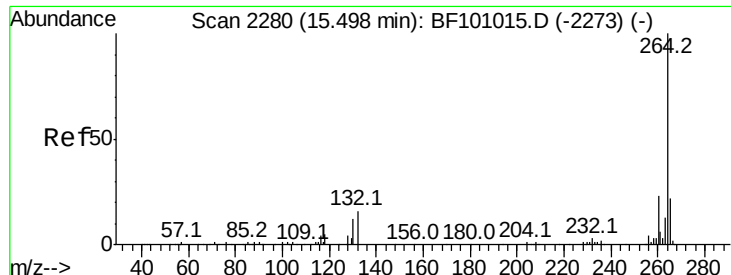
Tot Ion:149 Resp: 310461
Ion Ratio Lower Upper
149 100
167 2.0 1.2 1.8#
43 9.6 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 23.483 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:276 Resp: 159042
Ion Ratio Lower Upper
276 100
138 24.5 25.0 37.6#
277 25.3 20.1 30.1

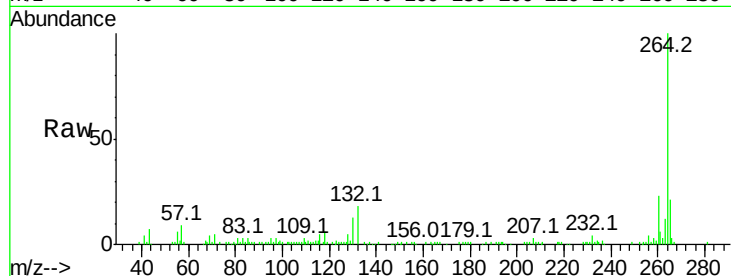




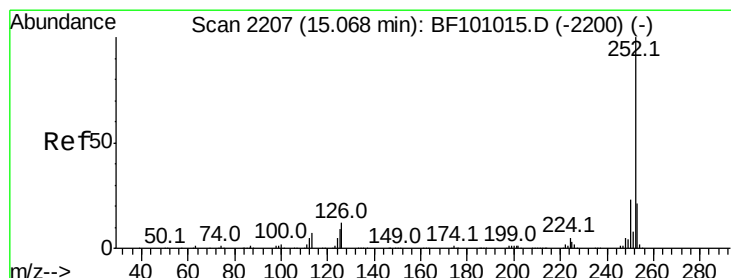
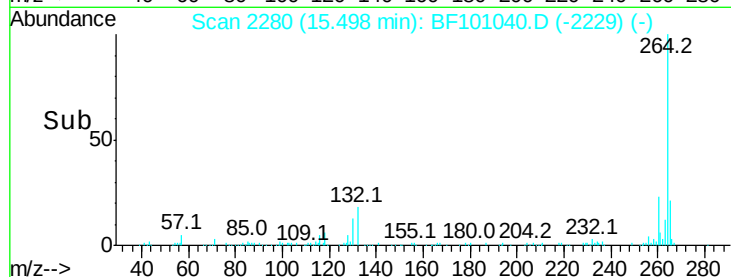
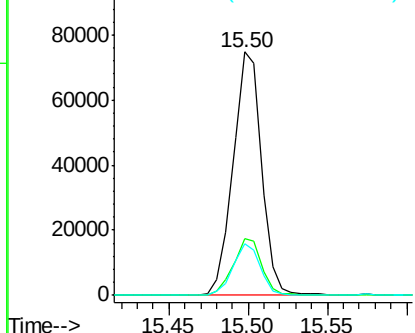
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 92761
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.3 17.5 26.3

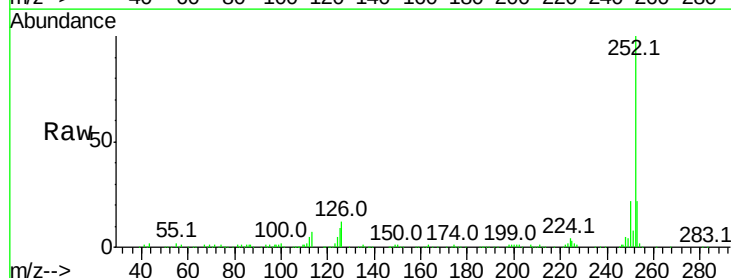


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

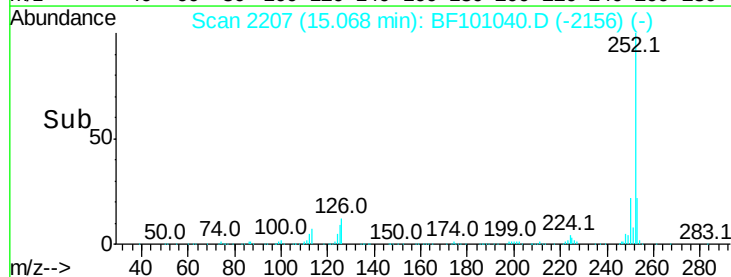
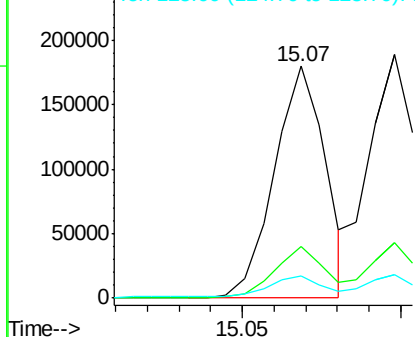


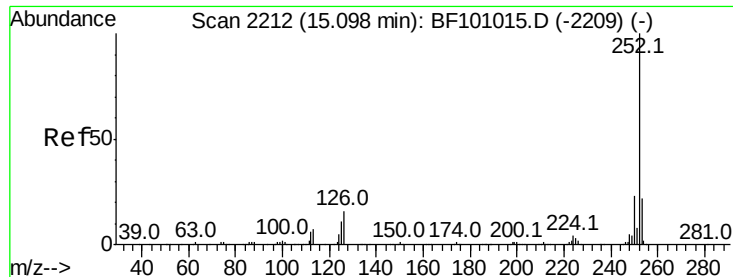
#87
Benzo(b)fluoranthene
Concen: 36.341 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:252 Resp: 201918
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.4 9.0 13.6



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

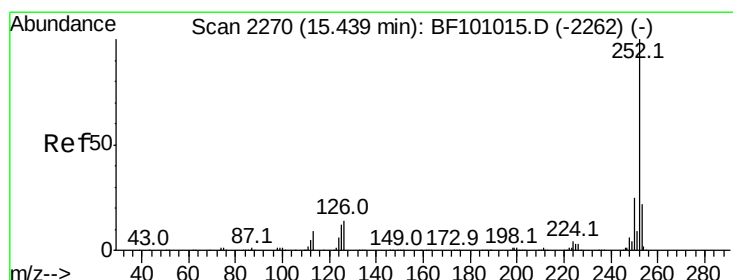
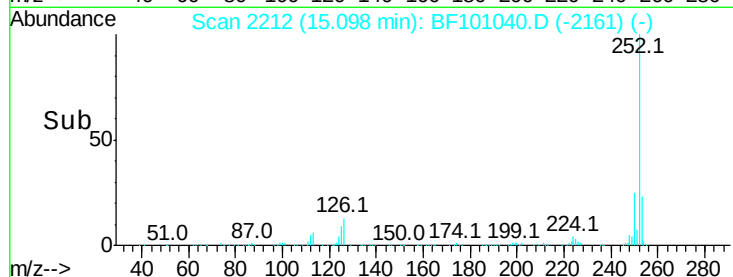
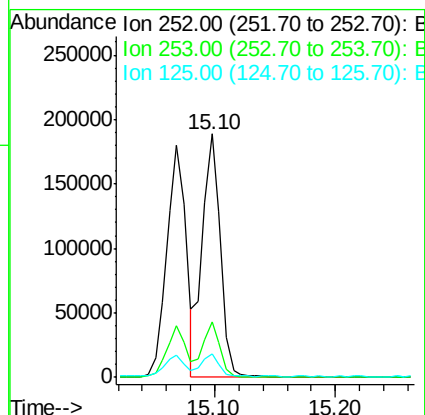
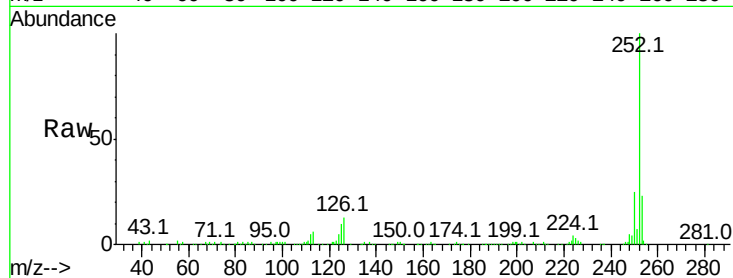




#88
Benzo(k)fluoranthene
Concen: 36.085 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

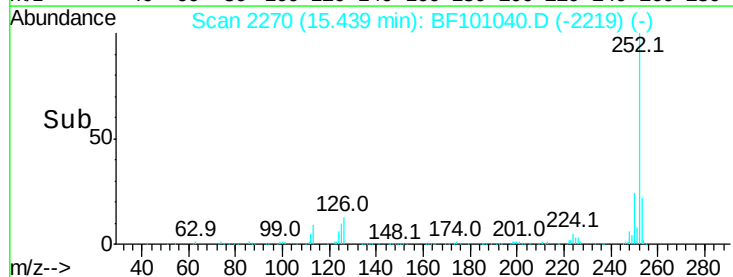
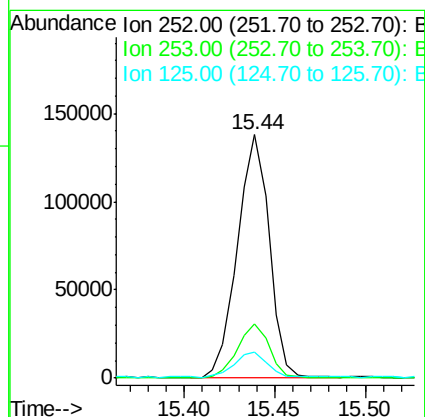
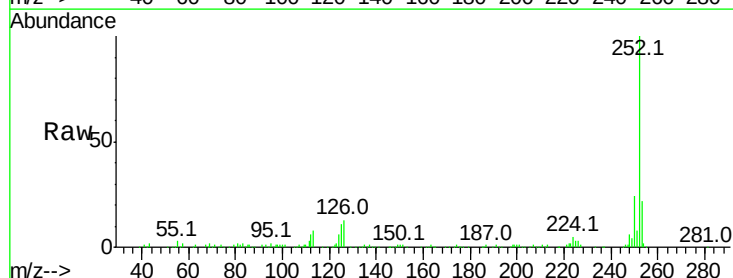
Instrument :
BNA_F
ClientSampled :

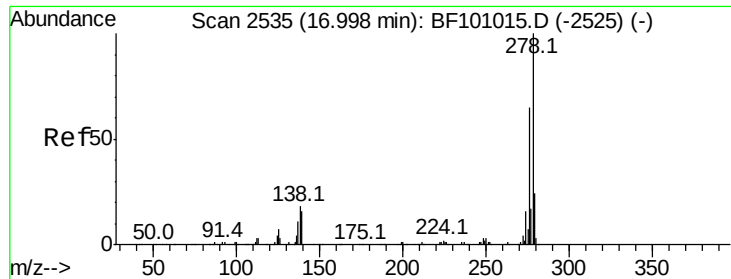
Tot Ion:252 Resp: 197530
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.6 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 33.612 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF101040.D
Acq: 1 Dec 2017 1:33

Tgt Ion:252 Resp: 169781
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 10.8 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 29.765 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

Instrument :

BNA_F

ClientSampleId :

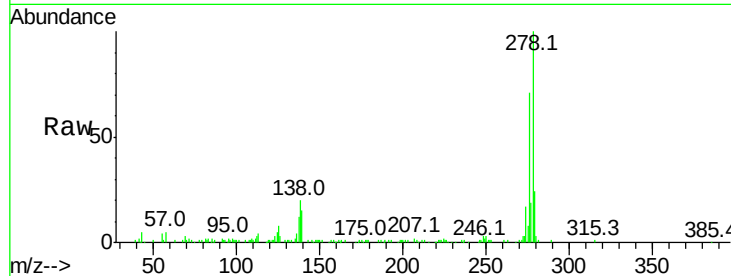
Tot Ion:278 Resp: 132548

Ion Ratio Lower Upper

278 100

139 14.7 15.9 23.9#

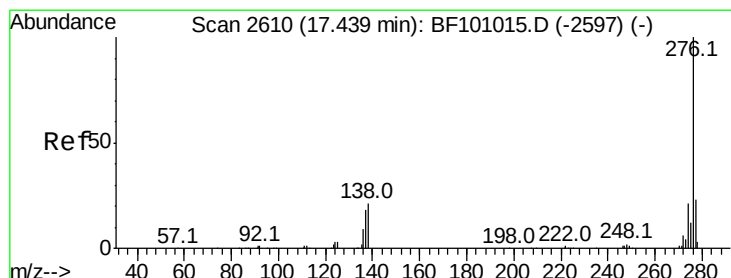
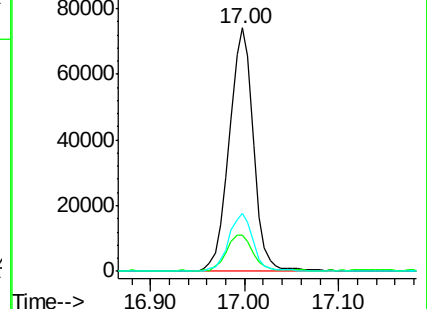
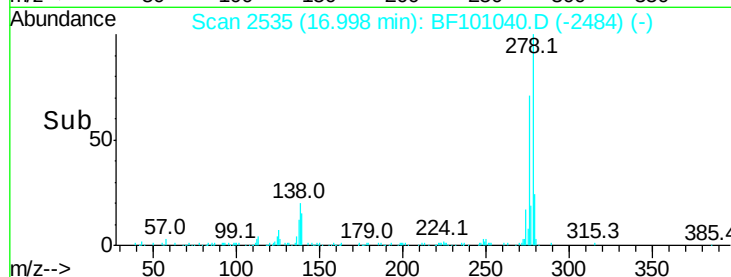
279 23.8 19.0 28.4



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: 30.663 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.00 min

Lab File: BF101040.D

Acq: 1 Dec 2017 1:33

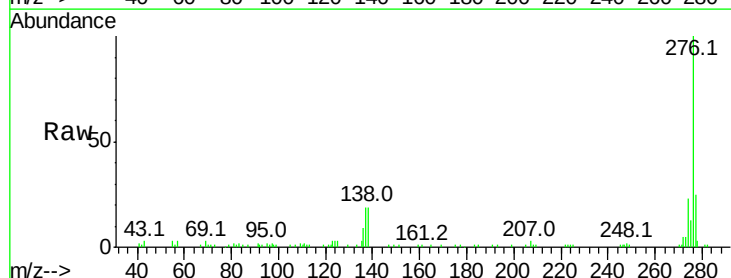
Tgt Ion:276 Resp: 128682

Ion Ratio Lower Upper

276 100

277 25.1 17.9 26.9

138 18.6 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

