

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100890.D
 Acq On : 27 Nov 2017 14:25
 Operator : SJ/JU
 Sample : I6570-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 21:56:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	82306	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	336278	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	161654	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	303134	20.00	ng	0.00
75) Chrysene-d12	14.02	240	170721	20.00	ng	0.00
86) Perylene-d12	15.49	264	169127	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	404548	78.79	ng	0.00
7) Phenol-d6	6.49	99	497360	78.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	314072	61.75	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	149494	90.75	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	661702	62.33	ng	0.00
78) Terphenyl-d14	12.97	244	591652	79.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	51818	20.709	ng	95
3) Pyridine	3.44	79	148892	21.810	ng	97
4) n-Nitrosodimethylamine	3.39	42	76900	23.201	ng	99
6) Aniline	6.52	93	130801	14.623	ng	98
8) 2-Chlorophenol	6.65	128	168930	31.100	ng	97
9) Benzaldehyde	6.41	77	43441	9.607	ng	90
10) Phenol	6.50	94	218057	32.806	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	152218	27.265	ng	97
12) 1,3-Dichlorobenzene	6.80	146	185730	29.658	ng	97
13) 1,4-Dichlorobenzene	6.87	146	190890	30.116	ng	98
14) 1,2-Dichlorobenzene	7.03	146	180773	30.846	ng	99
15) Benzyl Alcohol	7.00	79	145790	29.503	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	261770	29.315	ng	99
17) 2-Methylphenol	7.11	107	144336	31.095	ng	99
18) Hexachloroethane	7.37	117	62630	29.968	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	117834	26.836	ng	94
20) 3+4-Methylphenols	7.26	107	177080	30.147	ng	# 79
22) Acetophenone	7.27	105	229437	27.980	ng	# 92
24) Nitrobenzene	7.45	77	171664	32.791	ng	93
25) Isophorone	7.68	82	318150	29.765	ng	99
26) 2-Nitrophenol	7.76	139	93719	39.282	ng	96
27) 2,4-Dimethylphenol	7.79	122	149709	31.245	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	205637	29.412	ng	98
29) 2,4-Dichlorophenol	8.00	162	154692	33.819	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	157048	31.740	ng	94
31) Naphthalene	8.16	128	491307	30.333	ng	99
32) Benzoic acid	7.87	122	20268	13.816	ng	95
33) 4-Chloroaniline	8.21	127	76964	11.416	ng	96
34) Hexachlorobutadiene	8.27	225	89763	30.512	ng	99
35) Caprolactam	8.58	113	30284	19.292	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	156030	31.761	ng	91
37) 2-Methylnaphthalene	8.85	142	342369	31.839	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	161736	30.168	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	109037	43.213	ng	97

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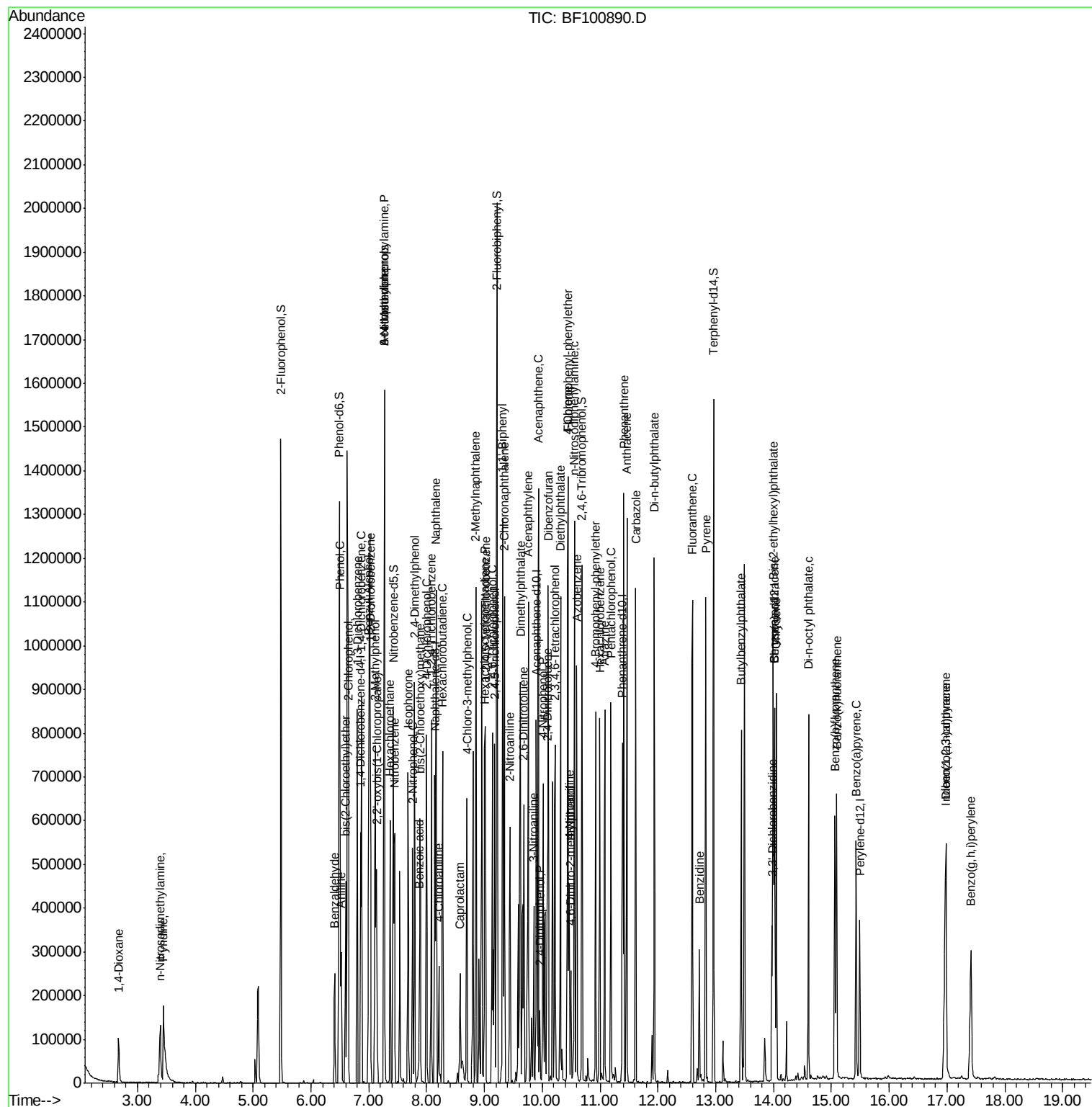
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	114101	33.580	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	119872	34.050	nq #	93
45) 1,1'-Biphenyl	9.32	154	416785	29.810	nq	97
46) 2-Chloronaphthalene	9.35	162	323764	31.920	nq	95
47) 2-Nitroaniline	9.44	65	95463	32.788	nq	99
48) Acenaphthylene	9.76	152	494525	29.420	nq	99
49) Dimethylphthalate	9.62	163	452470	36.660	nq	98
50) 2,6-Dinitrotoluene	9.69	165	87175	35.682	nq #	80
51) Acenaphthene	9.93	154	290051	28.372	nq	98
52) 3-Nitroaniline	9.85	138	60560	20.992	nq	94
53) 2,4-Dinitrophenol	9.96	184	21211	31.304	nq #	14
54) Dibenzofuran	10.10	168	438061	30.573	nq	98
55) 4-Nitrophenol	10.02	139	120405	51.399	nq	92
56) 2,4-Dinitrotoluene	10.09	165	114338	37.097	nq	90
57) Fluorene	10.45	166	340666	32.455	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	95204	32.996	nq #	86
59) Diethylphthalate	10.32	149	374224	30.298	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	168858	32.793	nq	93
61) 4-Nitroaniline	10.47	138	84121	30.751	nq	87
62) Azobenzene	10.60	77	318593	27.387	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	33875	26.751	nq #	71
65) n-Nitrosodiphenylamine	10.56	169	324114	30.750	nq	95
66) 4-Bromophenyl-phenylether	10.93	248	105557	32.484	nq #	85
67) Hexachlorobenzene	10.99	284	109634	32.258	nq #	90
68) Atrazine	11.08	200	107647	33.739	nq	97
69) Pentachlorophenol	11.19	266	104725	42.973	nq	98
70) Phenanthrene	11.41	178	489566	30.674	nq	98
71) Anthracene	11.46	178	506356	31.271	nq	98
72) Carbazole	11.62	167	435541	29.151	nq	99
73) Di-n-butylphthalate	11.94	149	576166	32.953	nq	98
74) Fluoranthene	12.60	202	464179	27.442	nq	95
76) Benzidine	12.72	184	118740	17.367	nq	97
77) Pyrene	12.83	202	452827	37.210	nq	100
79) Butylbenzylphthalate	13.44	149	197718	39.839	nq #	88
80) Benzo(a)anthracene	14.01	228	322311	31.351	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	81830	22.216	nq #	96
82) Chrysene	14.05	228	298669	30.000	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	268622	41.152	nq	99
84) Di-n-octyl phthalate	14.60	149	376814	33.603	nq	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	322858	40.094	nq #	93
87) Benzo(b)fluoranthene	15.06	252	283890	28.333	nq	97
88) Benzo(k)fluoranthene	15.09	252	276879	29.246	nq #	96
89) Benzo(a)pyrene	15.43	252	276903	31.172	nq	99
90) Dibenzo(a,h)anthracene	16.98	278	269579	37.109	nq #	95
91) Benzo(g,h,i)perylene	17.42	276	263847	37.103	nq #	91

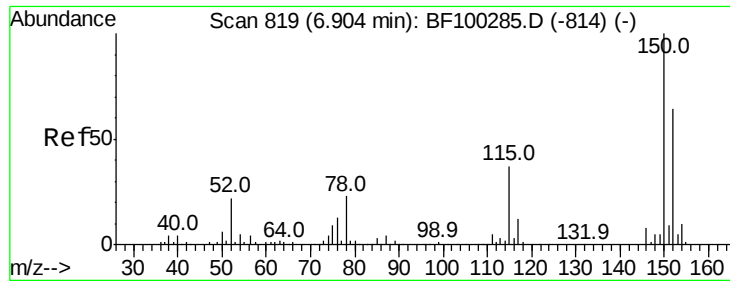
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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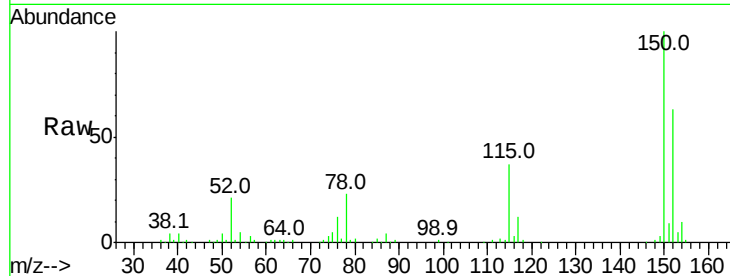


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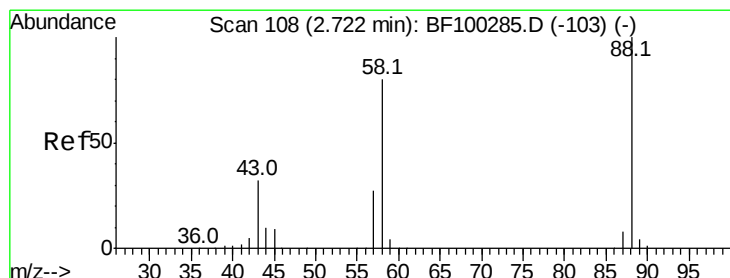
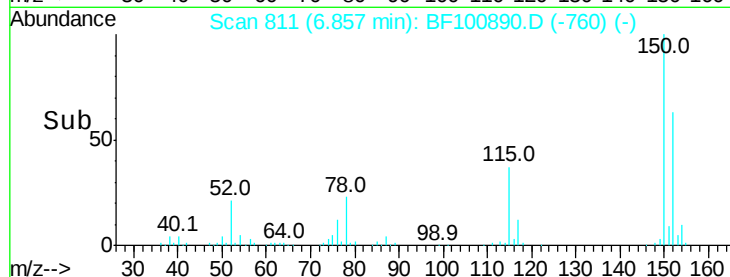
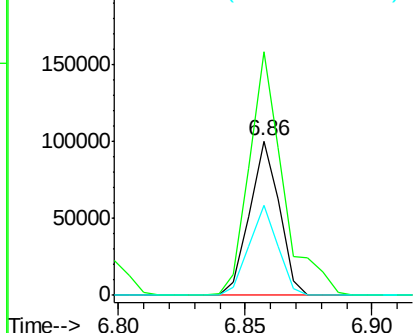
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82306
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 57.9 50.1 75.1



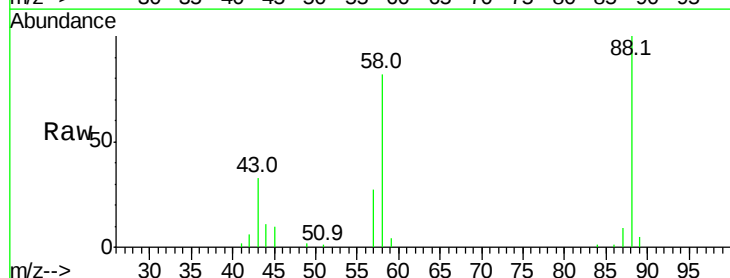
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



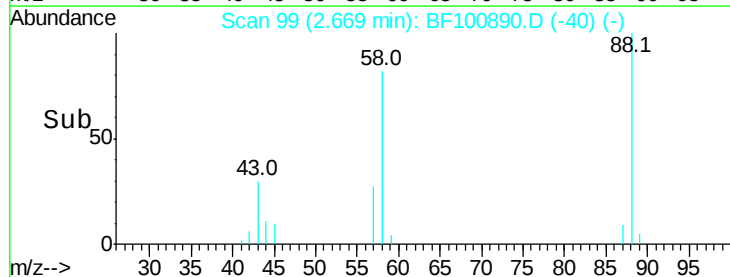
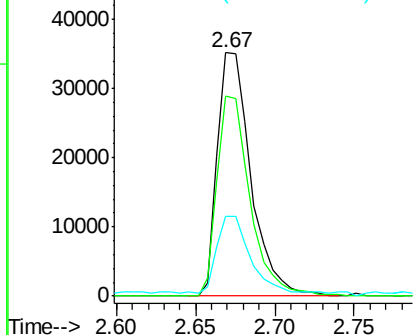
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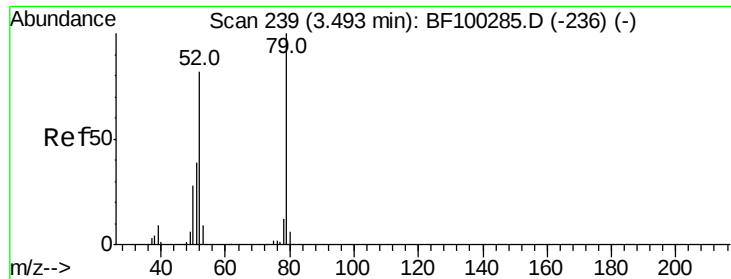
1,4-Dioxane
Concen: 20.709 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.05 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion: 88 Resp: 51818
Ion Ratio Lower Upper
88 100
58 80.9 62.6 93.8
43 36.7 24.6 37.0



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

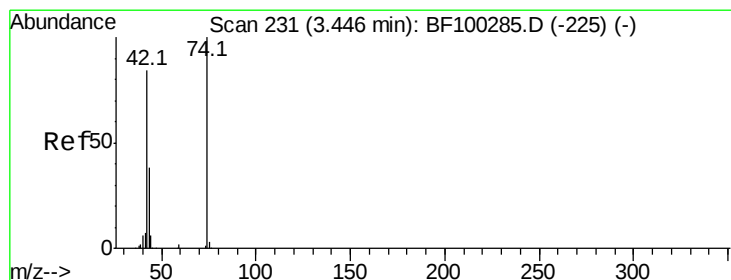
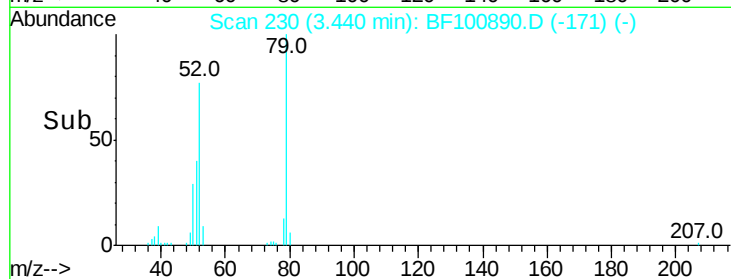
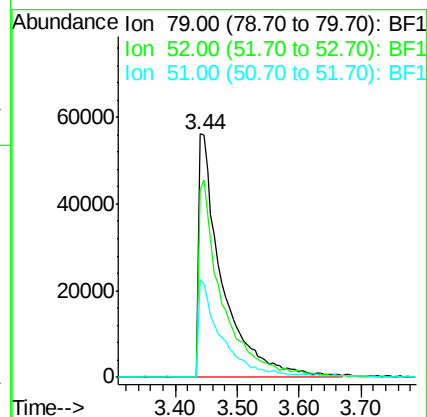
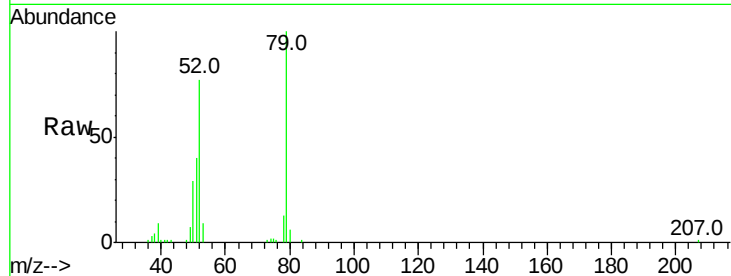




#3
 Pvridine
 Concen: 21.810 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.05 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

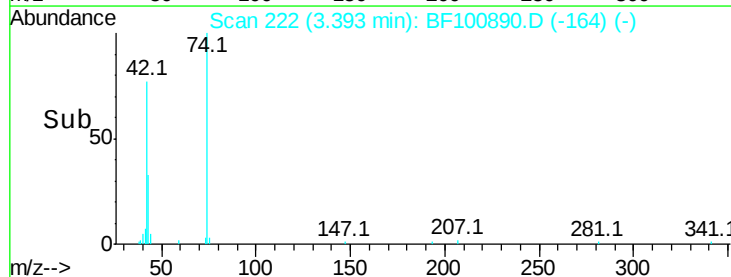
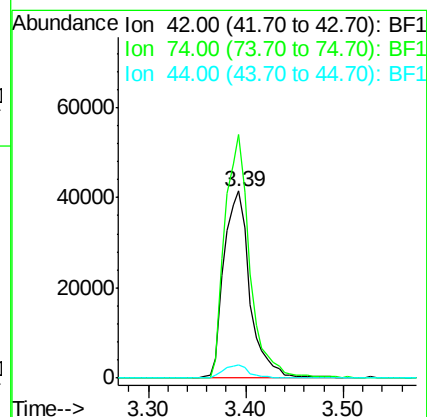
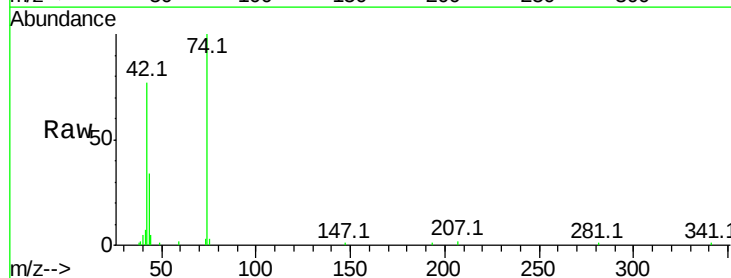
Instrument :
 BNA_F
 ClientSampleId :

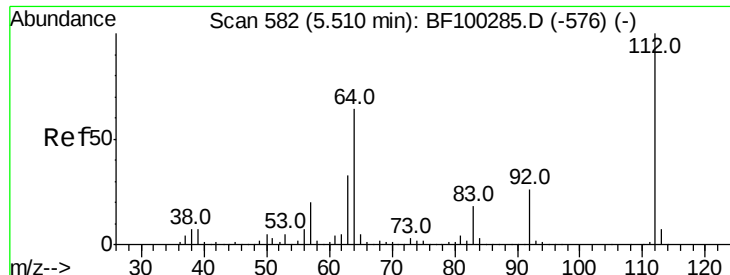
Tot Ion: 79 Resp: 148892
 Ion Ratio Lower Upper
 79 100
 52 76.7 59.8 89.6
 51 40.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 23.201 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion: 42 Resp: 76900
 Ion Ratio Lower Upper
 42 100
 74 130.4 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 78.790 ng

RT: 5.48 min Scan# 577

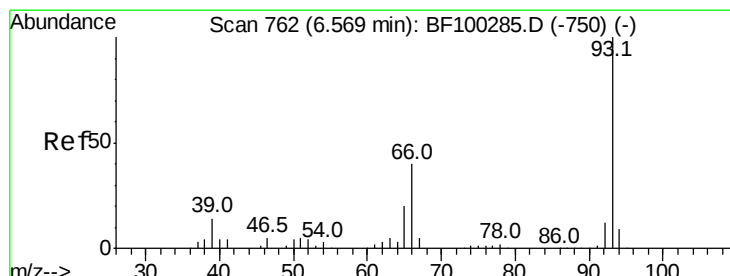
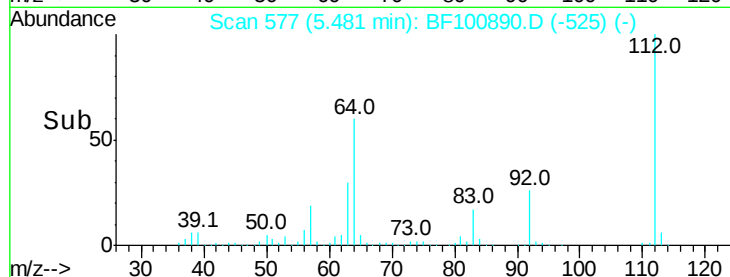
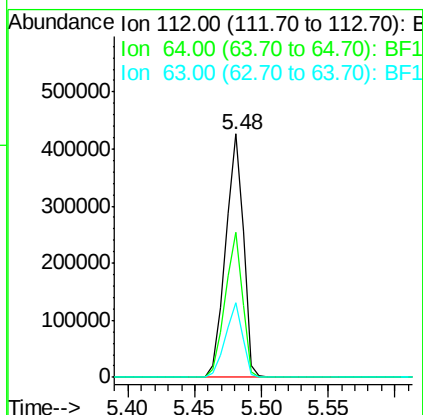
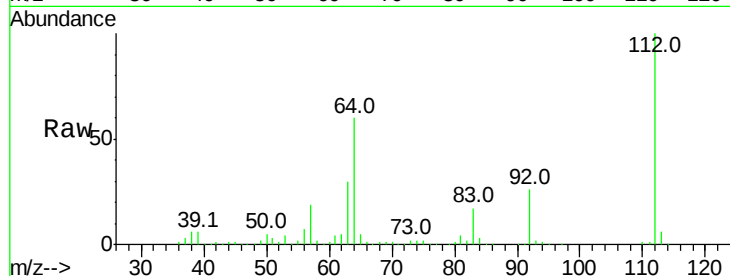
Delta R.T. 0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	404548
Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	30.5	23.7	35.5



#6

Aniline

Concen: 14.623 ng

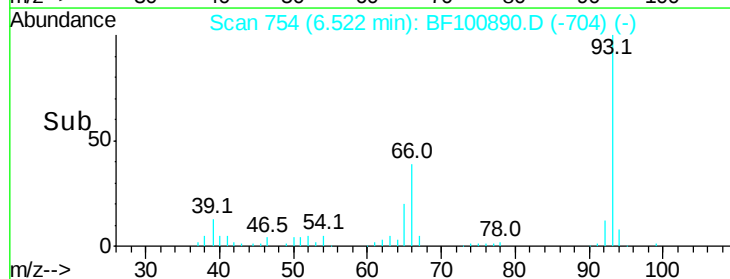
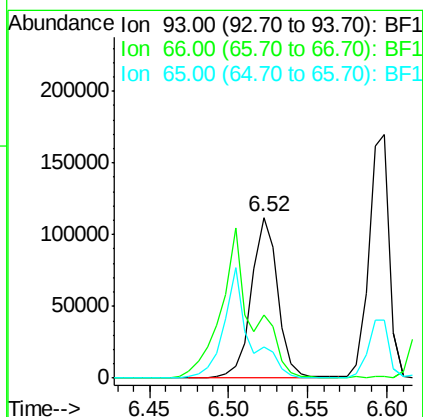
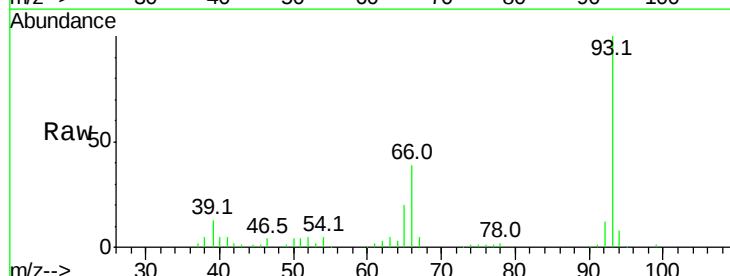
RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Tgt Ion:	93	Resp:	130801
Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.2	48.2
65	19.6	16.4	24.6





#7

Phenol-d6

Concen: 78.552 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampled :

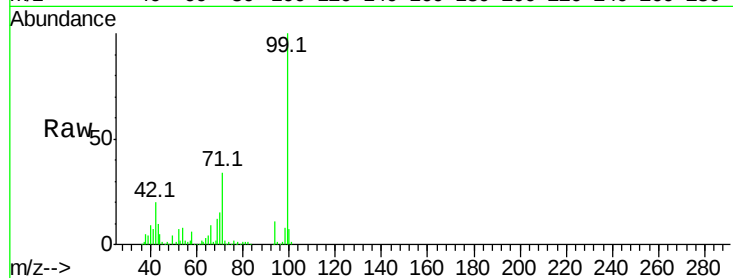
Tot Ion: 99 Resp: 497360

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

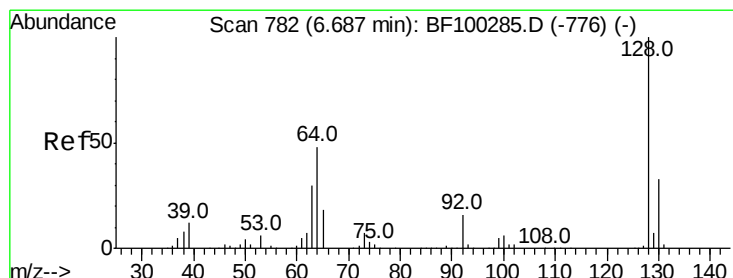
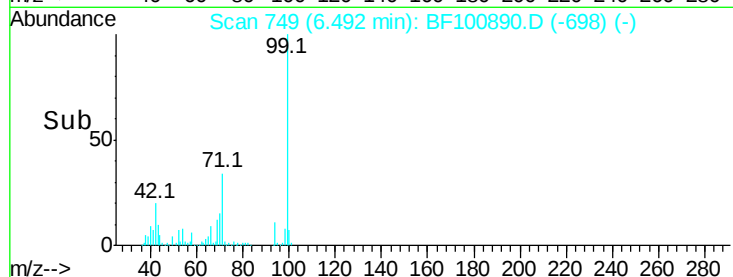
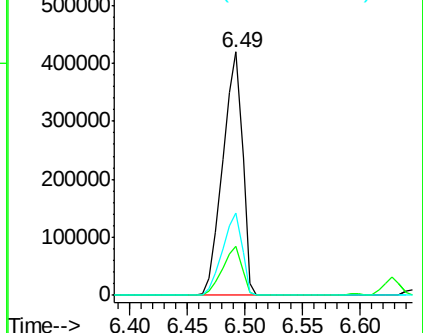
71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.100 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

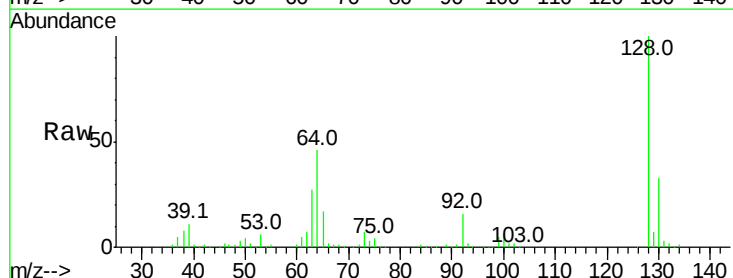
Tgt Ion: 128 Resp: 168930

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

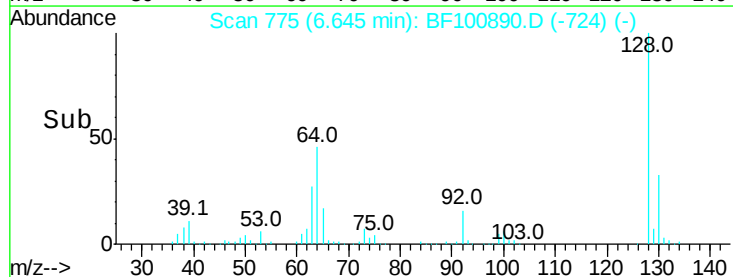
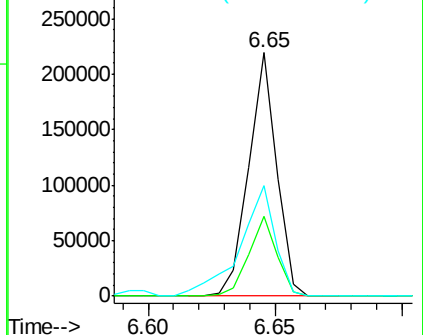
64 45.6 29.4 69.4



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

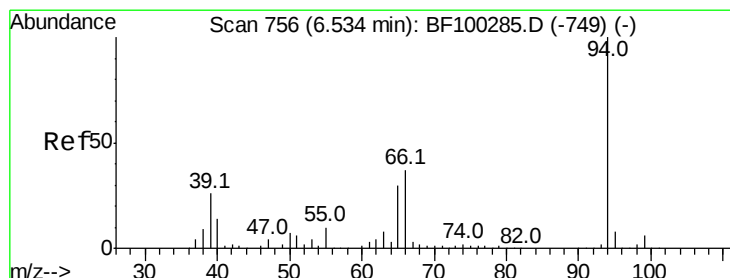
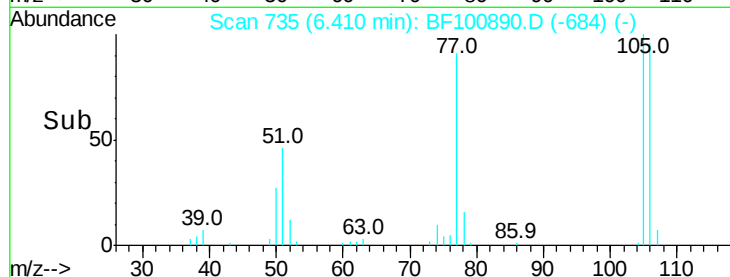
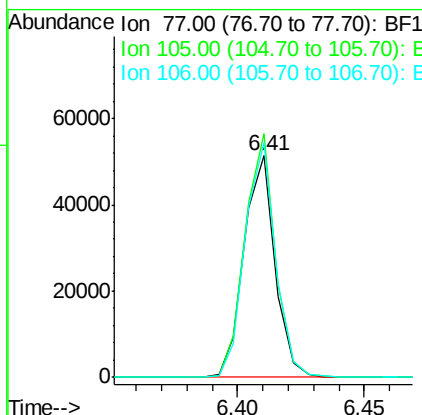
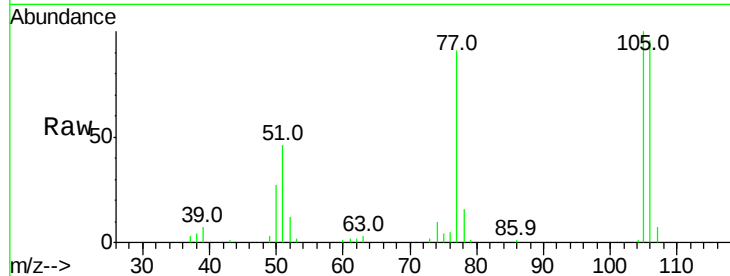




#9
Benzaldehyde
Concen: 9.607 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

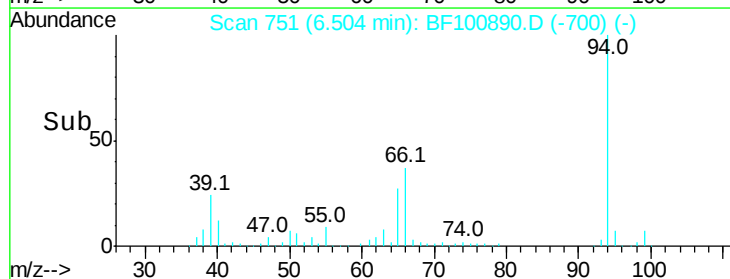
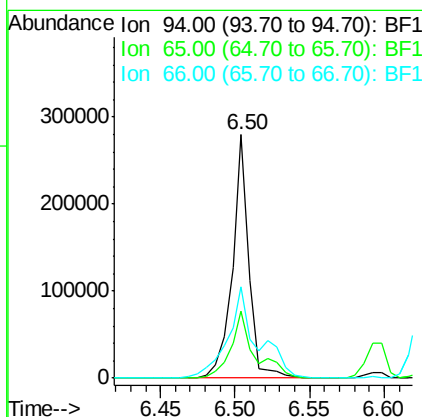
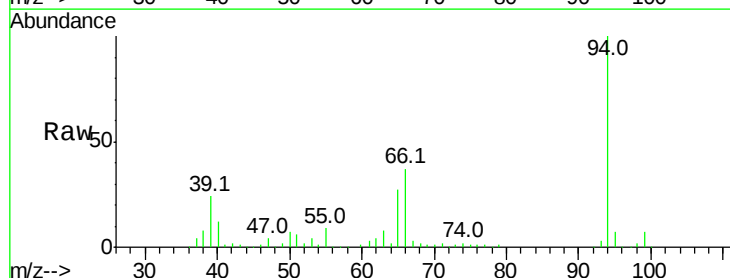
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 43441
Ion Ratio Lower Upper
77 100
105 109.9 81.1 121.1
106 105.9 74.5 114.5



#10
Phenol
Concen: 32.806 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion: 94 Resp: 218057
Ion Ratio Lower Upper
94 100
65 27.5 7.9 47.9
66 37.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 27.265 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

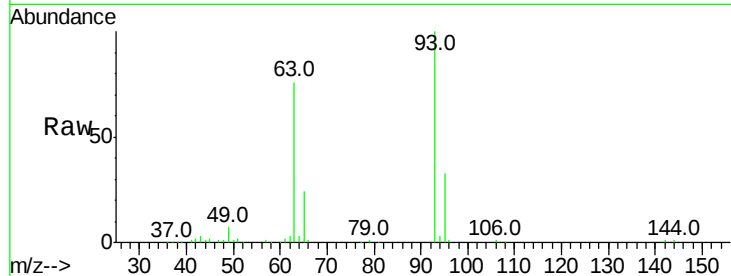
Tot Ion: 93 Resp: 152218

Ion Ratio Lower Upper

93 100

63 75.6 58.6 98.6

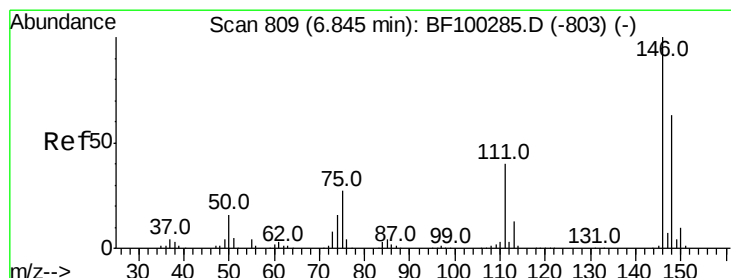
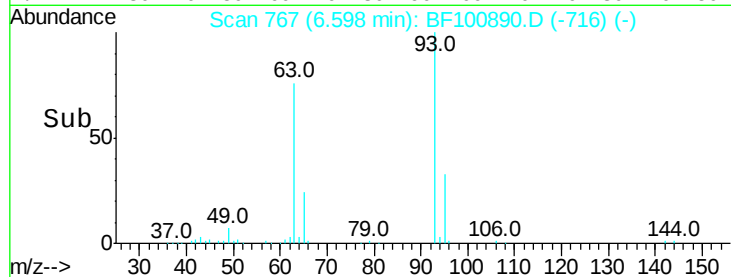
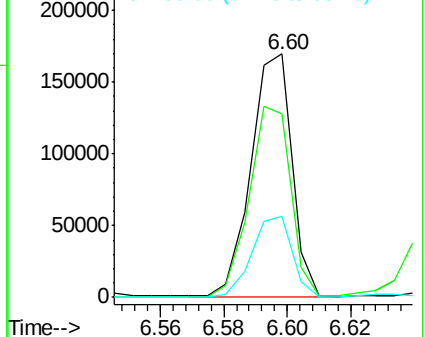
95 33.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 29.658 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

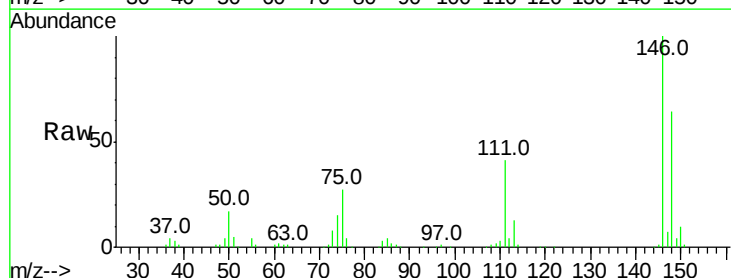
Tgt Ion: 146 Resp: 185730

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

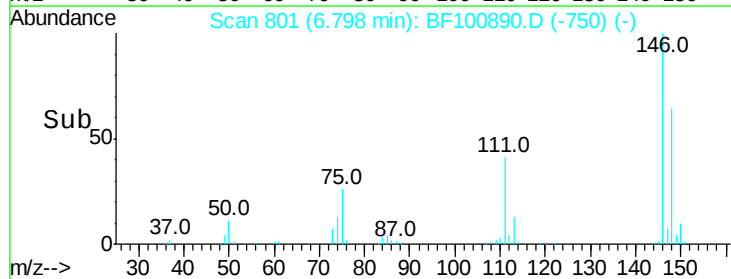
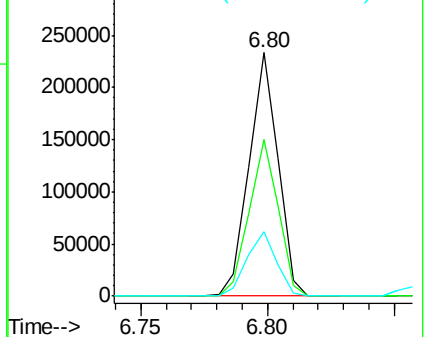
75 26.7 24.2 36.4

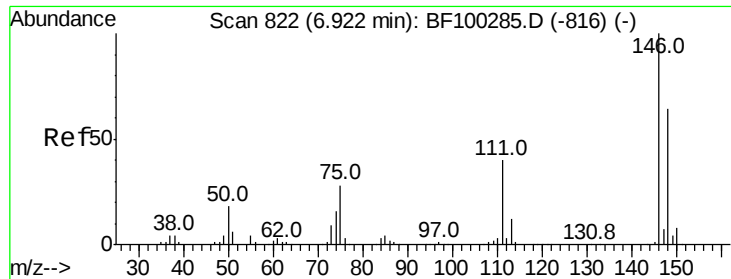


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

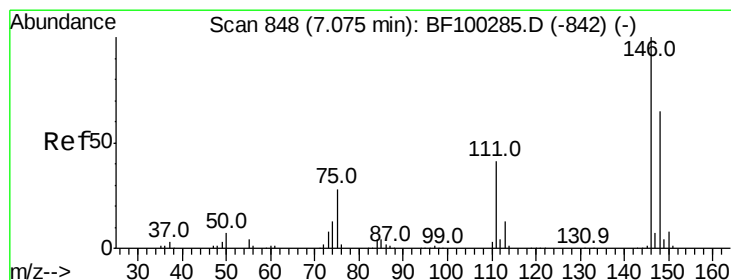
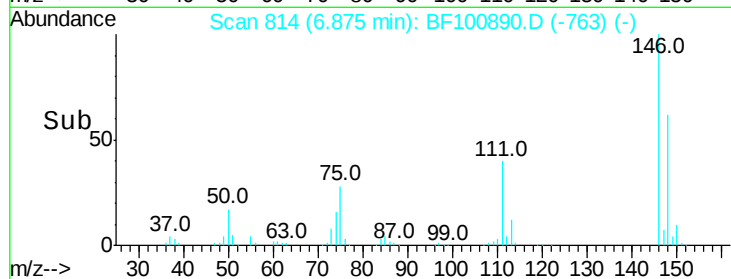
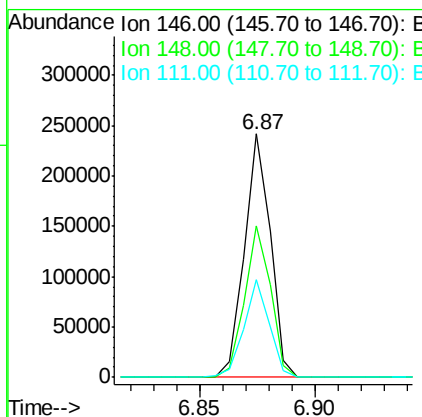
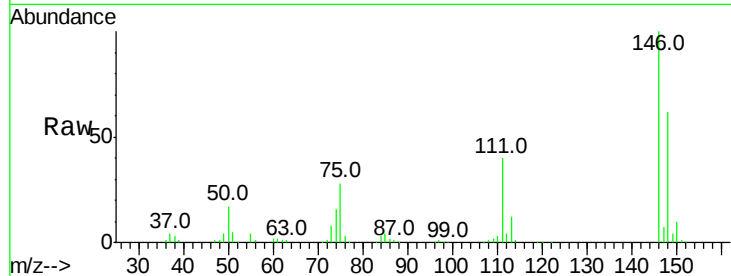




#13
 1,4-Dichlorobenzene
 Concen: 30.116 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

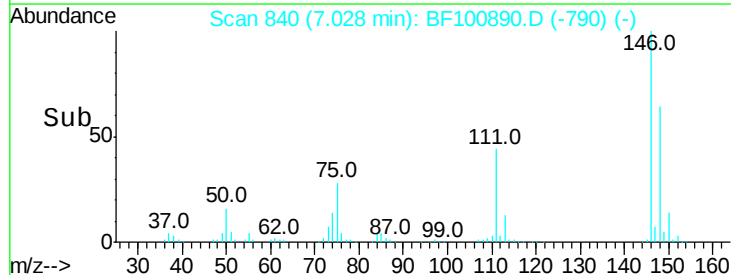
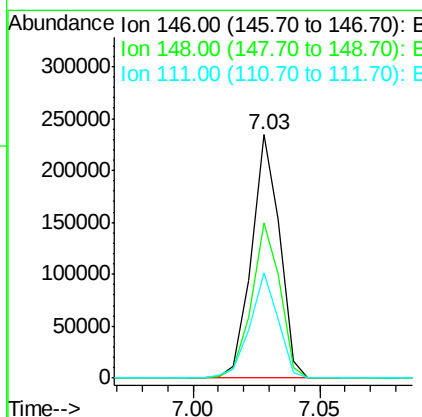
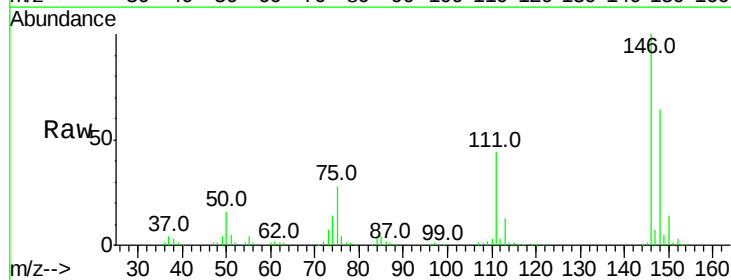
Instrument :
 BNA_F
 ClientSampleId :

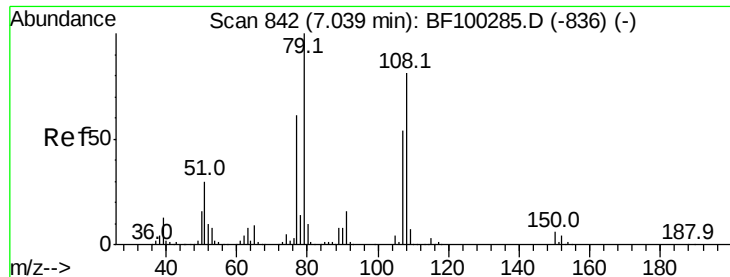
Tot Ion:146 Resp: 190890
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.8 76.2
 111 40.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 30.846 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion:146 Resp: 180773
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 43.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 29.503 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

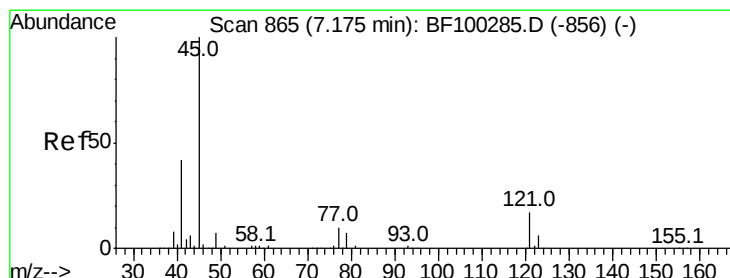
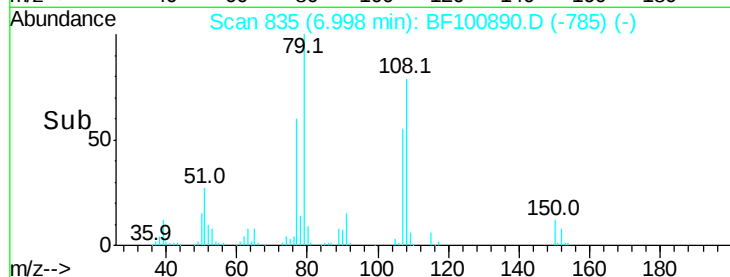
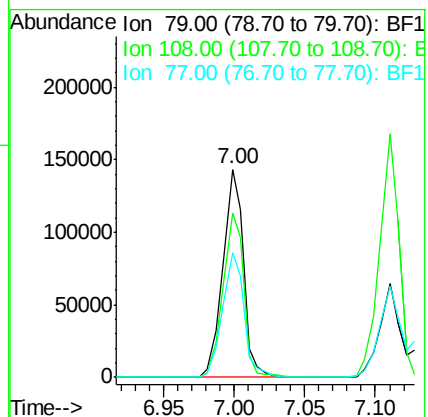
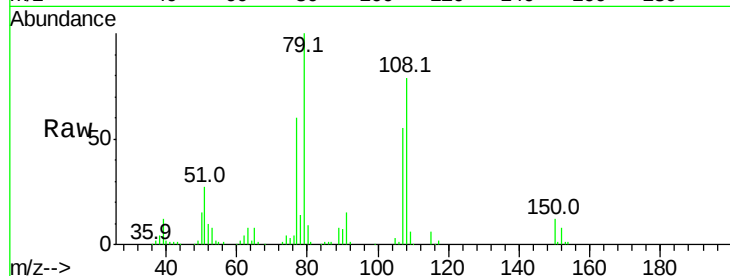
Tot Ion: 79 Resp: 145790

Ion Ratio Lower Upper

79 100

108 79.1 65.1 97.7

77 59.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.315 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

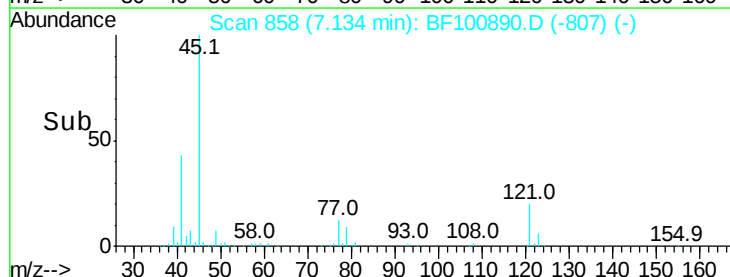
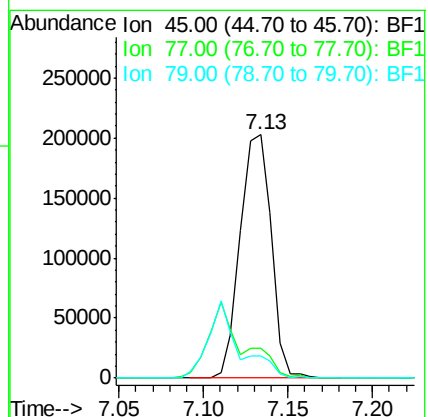
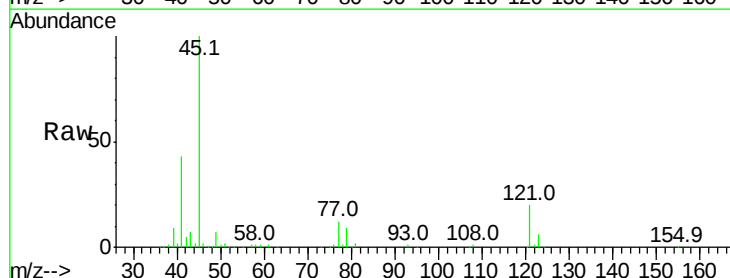
Tgt Ion: 45 Resp: 261770

Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.9

79 9.2 0.0 29.6





#17

2-Methylphenol

Concen: 31.095 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 144336

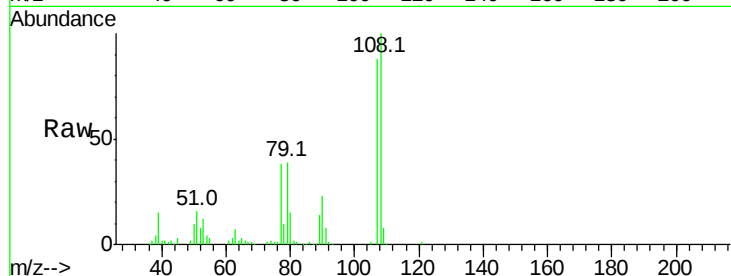
Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 42.6 33.8 50.8

79 43.6 33.8 50.8

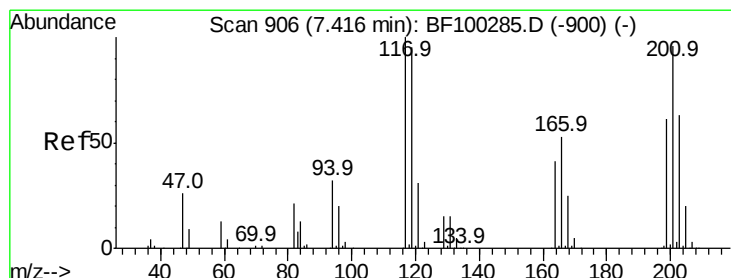
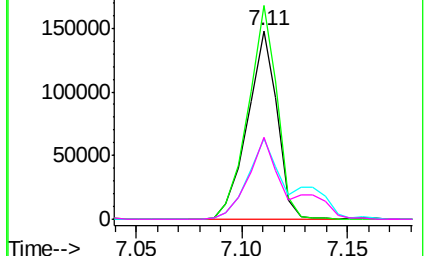
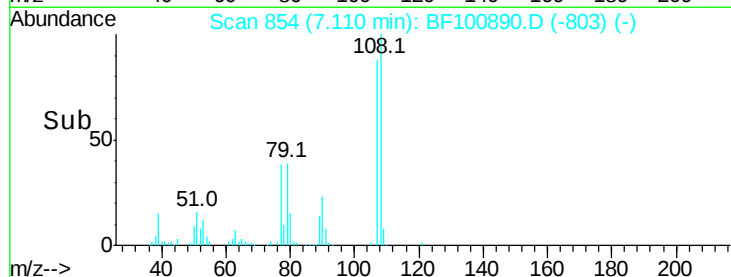


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.968 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

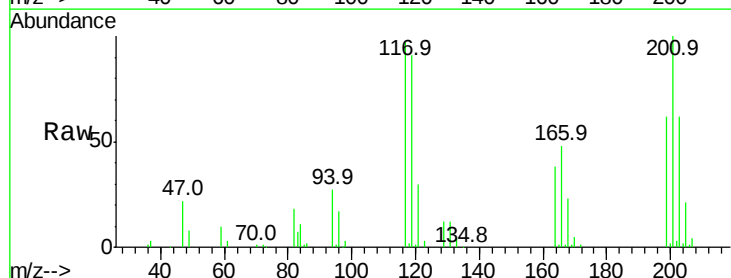
Tgt Ion:117 Resp: 62630

Ion Ratio Lower Upper

117 100

119 94.0 75.8 113.8

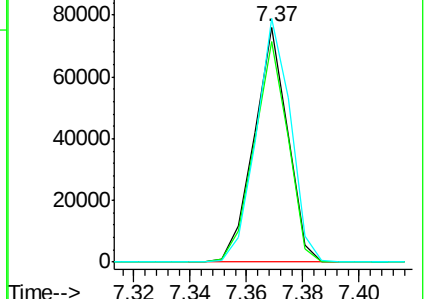
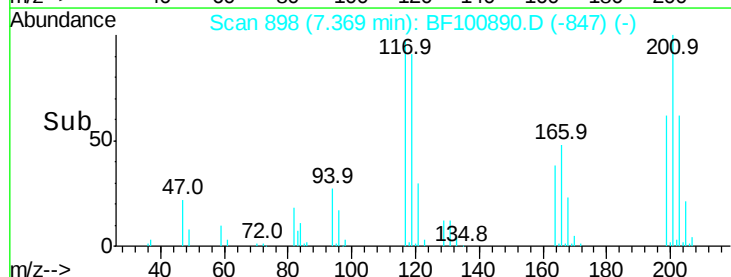
201 103.6 75.7 113.5

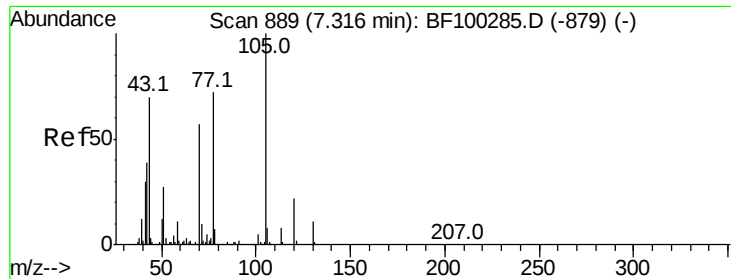


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

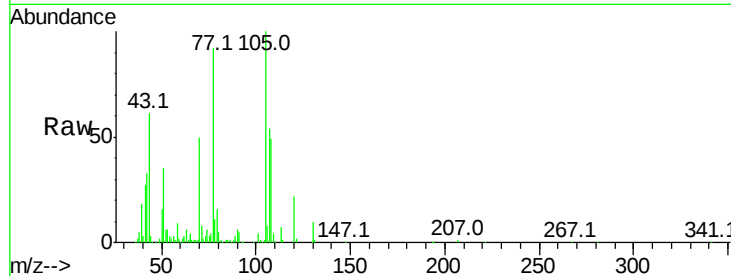




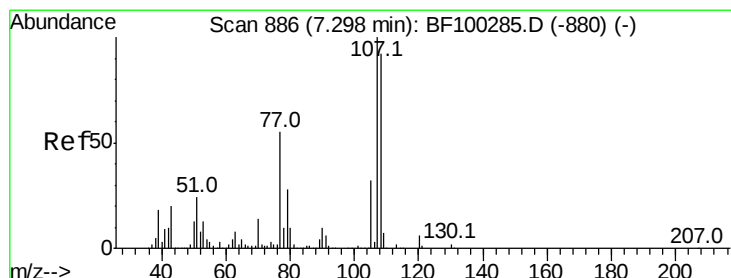
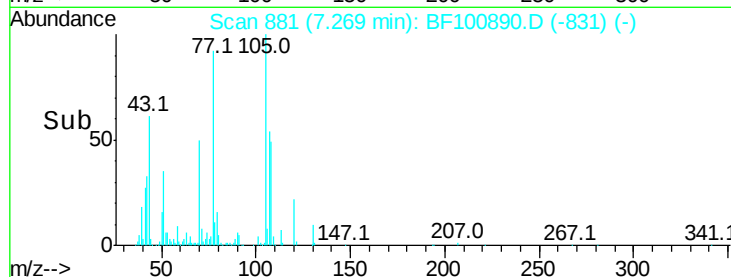
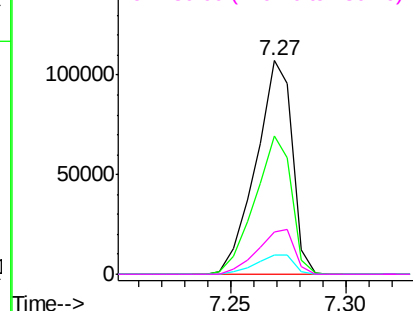
#19
n-Nitroso-di-n-propylamine
Concen: 26.836 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 117834
Ion Ratio Lower Upper
70 100
42 64.9 47.5 71.3
101 8.9 7.4 11.2
130 19.6 16.6 25.0

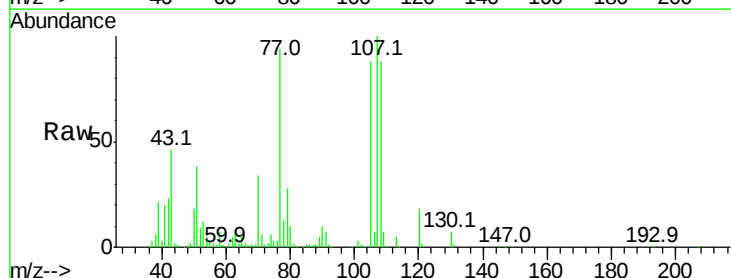


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

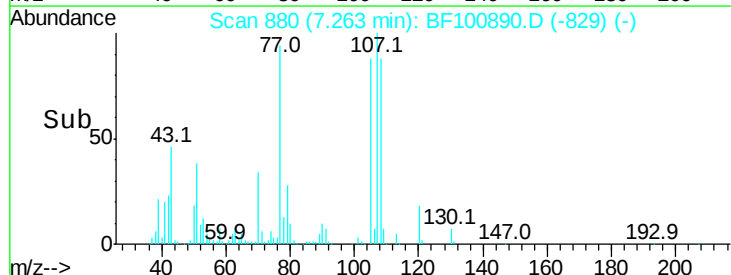
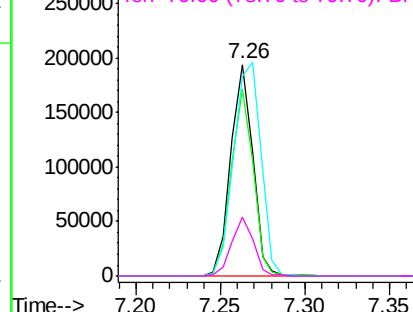


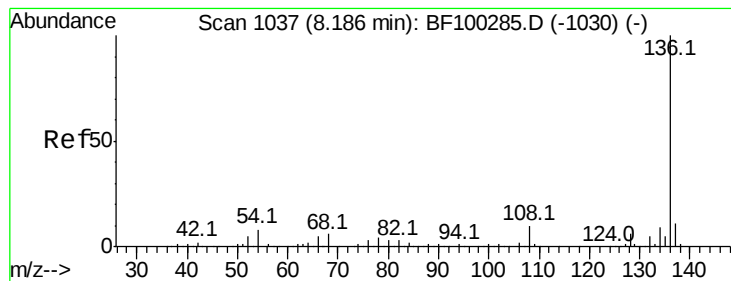
#20
3+4-Methylphenols
Concen: 30.147 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion:107 Resp: 177080
Ion Ratio Lower Upper
107 100
108 88.1 68.2 108.2
77 94.4 26.7 66.7#
79 28.0 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 336278

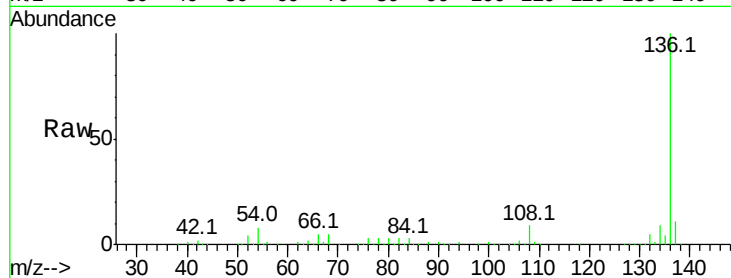
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 6.6 9.8

68 5.1 5.0 7.4

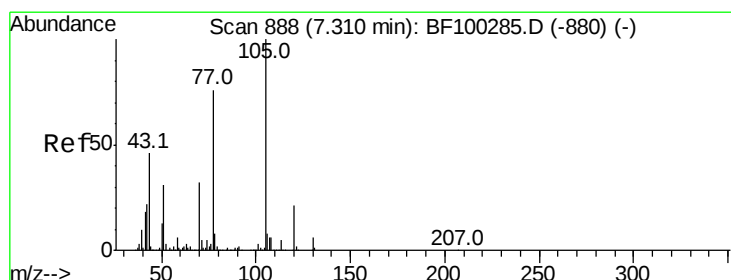
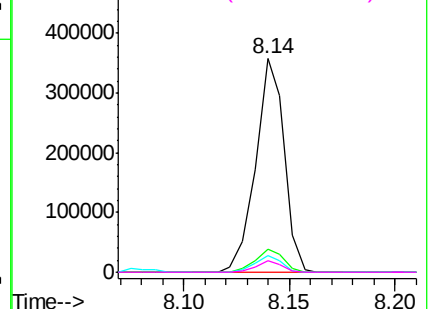
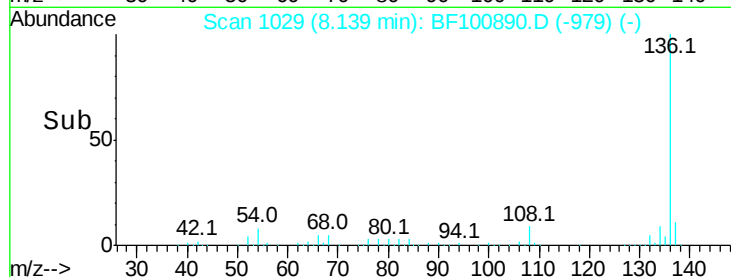


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 27.980 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Tgt Ion:105 Resp: 229437

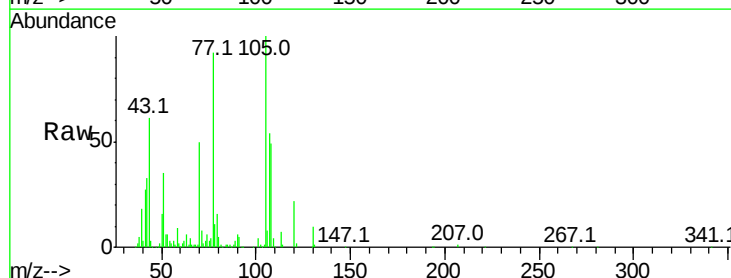
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 35.0 22.3 33.5#

120 21.8 16.9 25.3

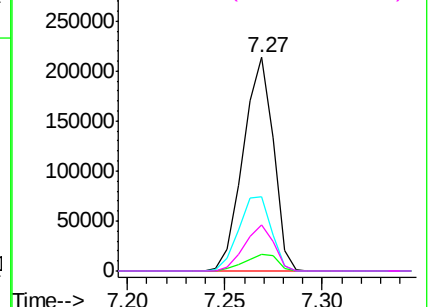
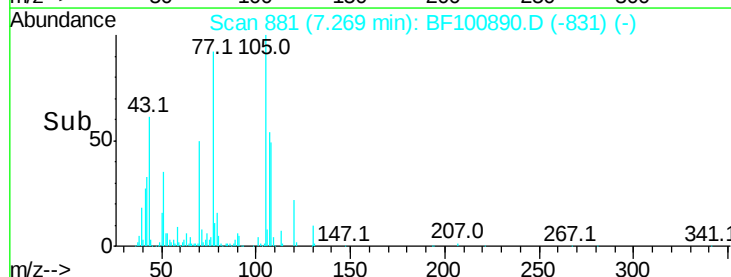


Abundance Ion 105.00 (104.70 to 105.70): E

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

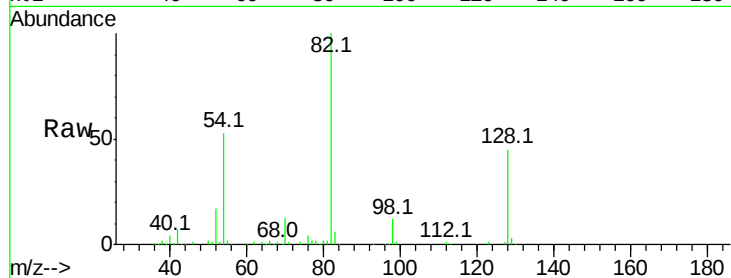




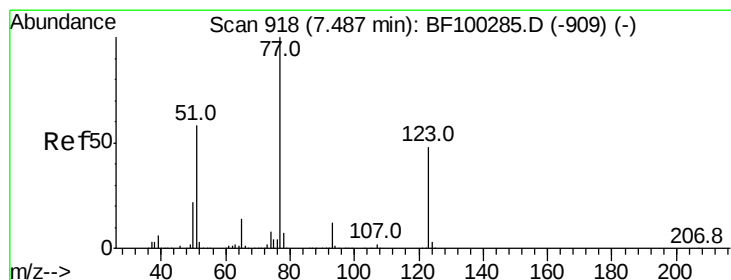
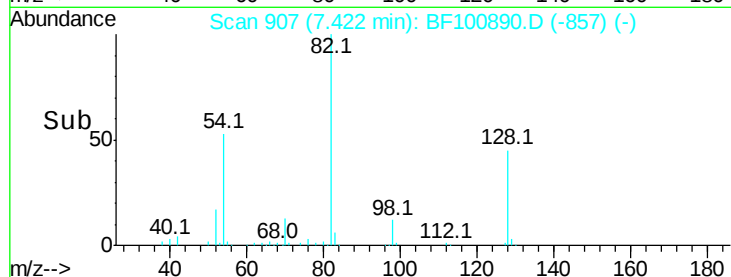
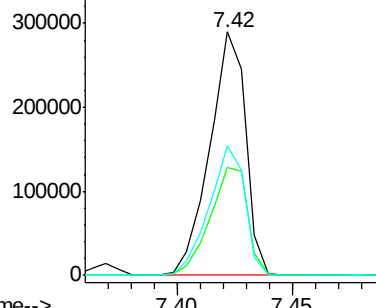
#23
 Nitrobenzene-d5
 Concen: 61.748 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 314072
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 53.0 41.4 62.2

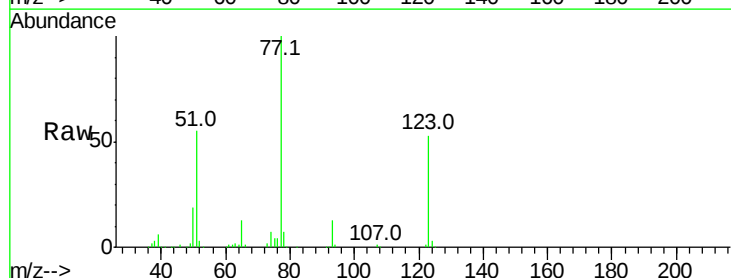


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

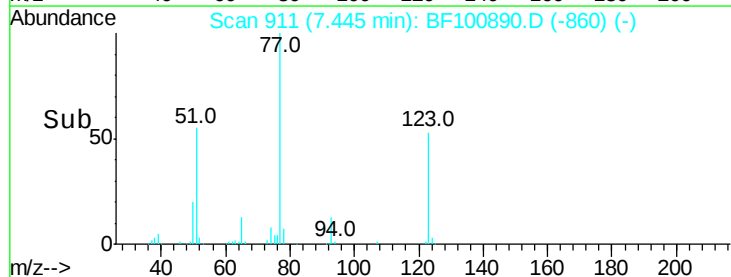
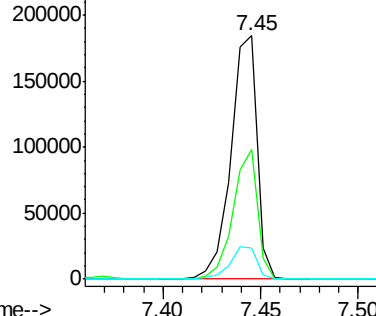


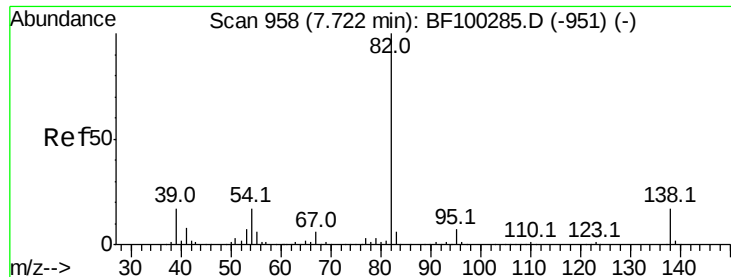
#24
 Nitrobenzene
 Concen: 32.791 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion: 77 Resp: 171664
 Ion Ratio Lower Upper
 77 100
 123 53.4 37.9 56.9
 65 12.9 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: 29.765 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :
BNA_F
ClientSampleId :

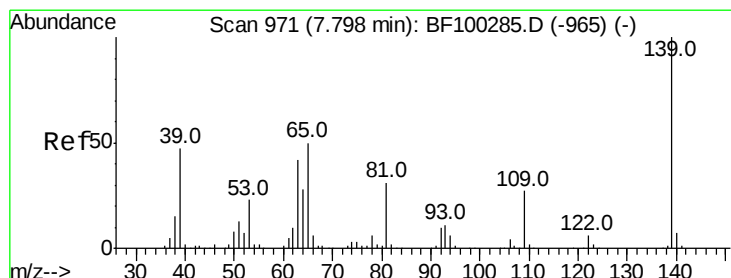
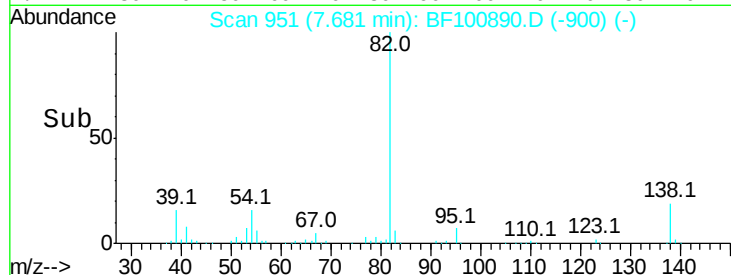
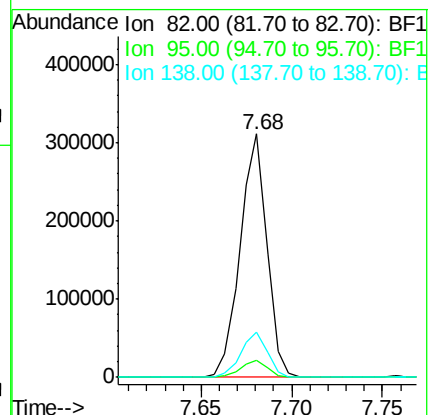
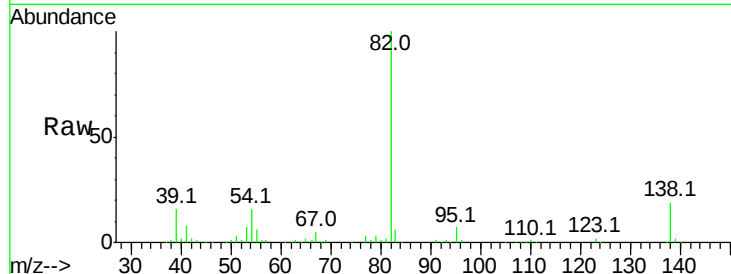
Tot Ion: 82 Resp: 318150

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 39.282 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

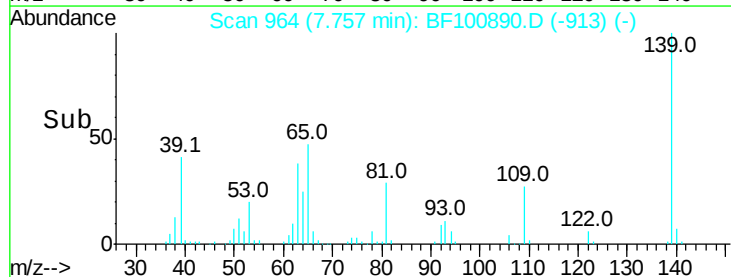
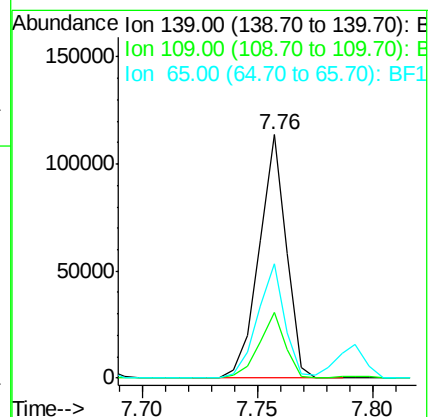
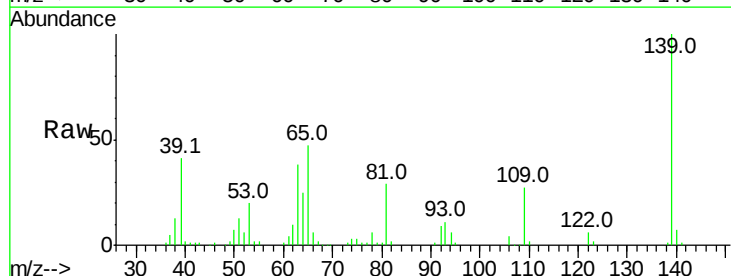
Tgt Ion:139 Resp: 93719

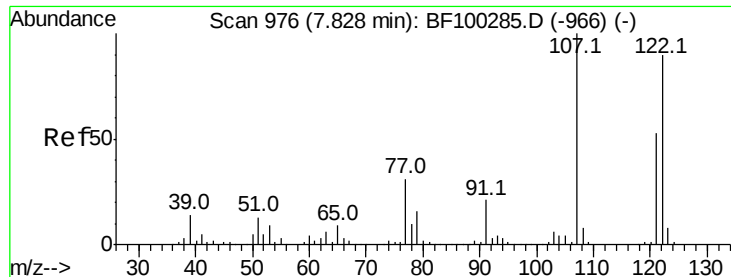
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 46.7 40.5 60.7

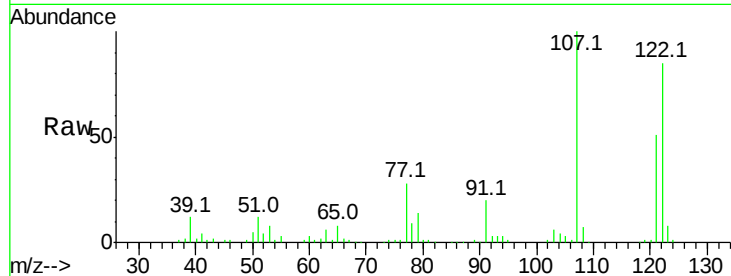




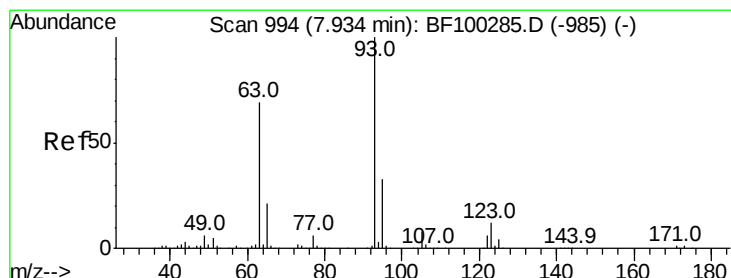
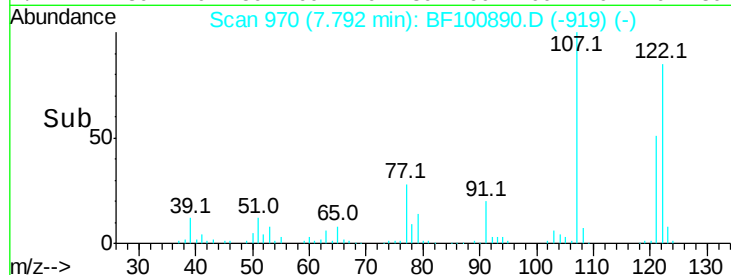
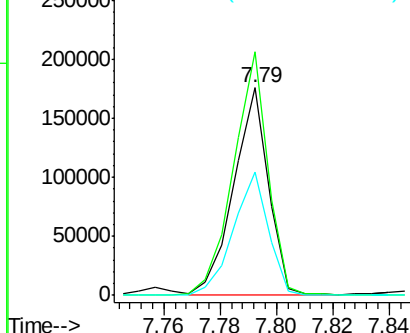
#27
 2,4-Dimethylphenol
 Concen: 31.245 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 149709
 Ion Ratio Lower Upper
 122 100
 107 117.5 91.2 136.8
 121 59.7 47.2 70.8

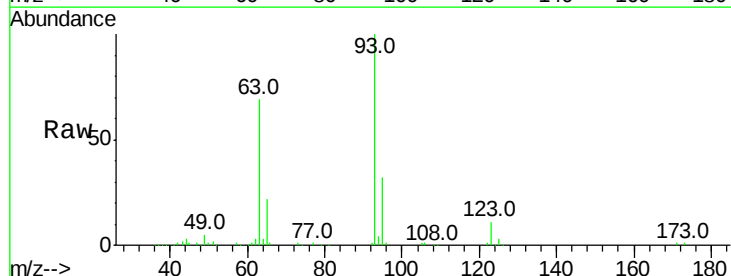


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

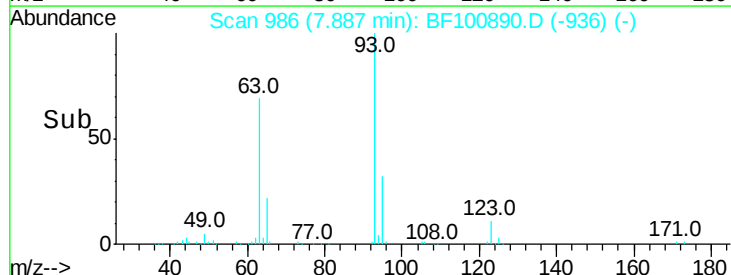
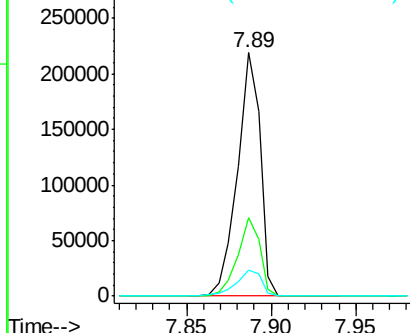


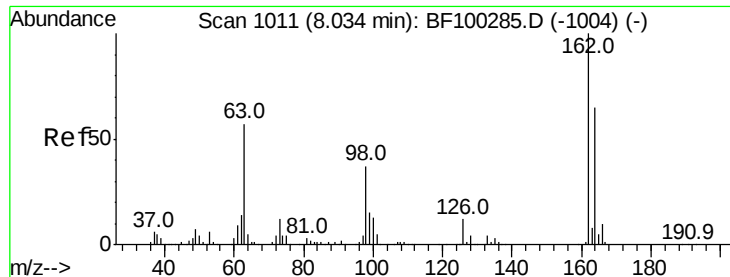
#28
 bis(2-Chloroethoxy)methane
 Concen: 29.412 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion: 93 Resp: 205637
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 10.7 9.8 14.6



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

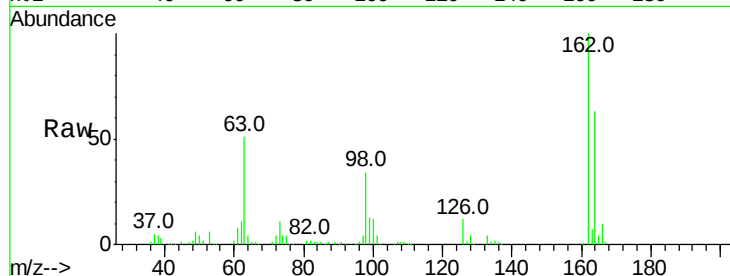




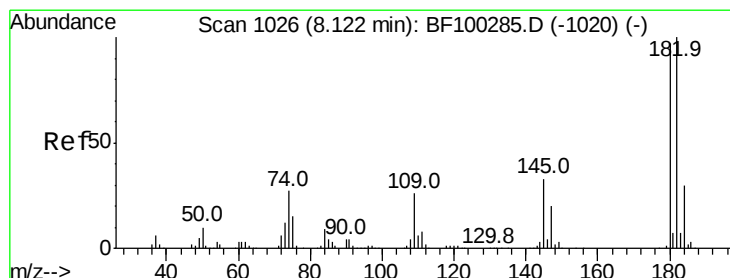
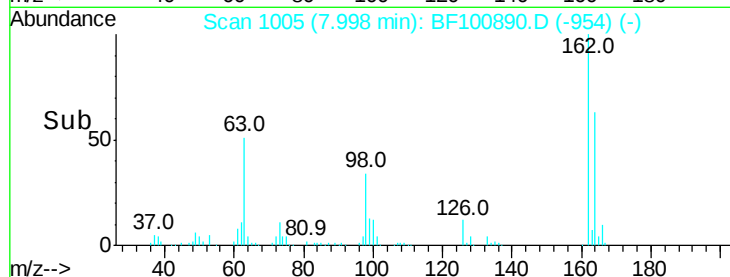
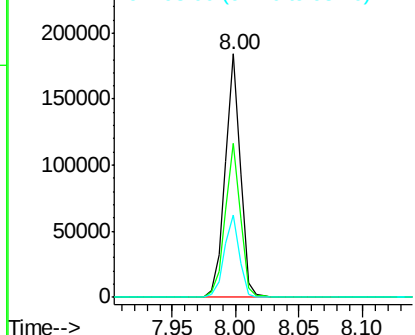
#29
 2,4-Dichlorophenol
 Concen: 33.819 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	33.7	18.1	58.1

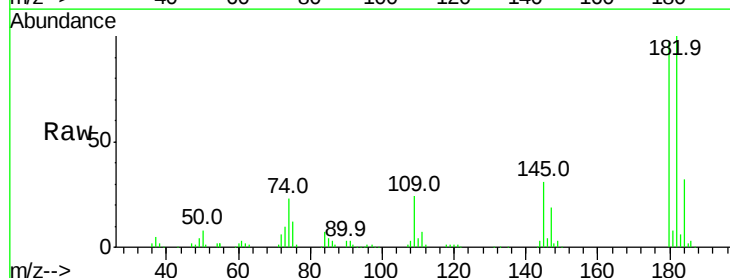


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

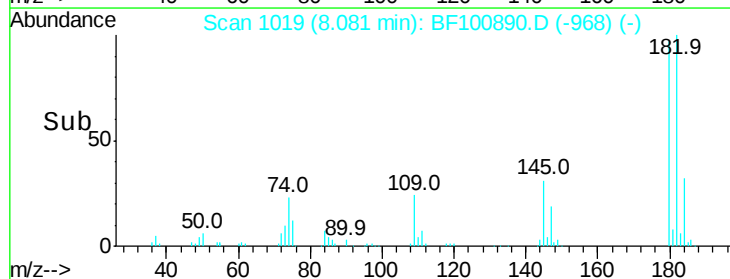
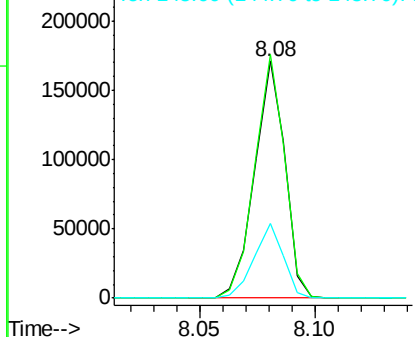


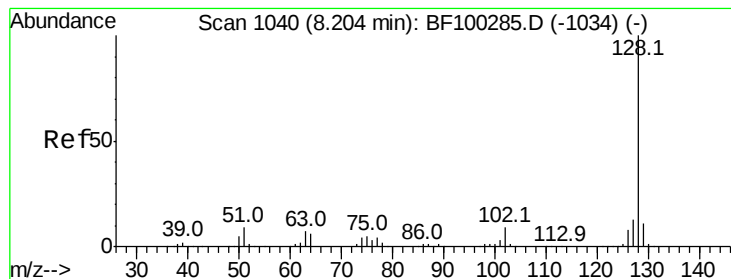
#30
 1,2,4-Trichlorobenzene
 Concen: 31.740 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.7	76.8	115.2
145	31.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.333 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

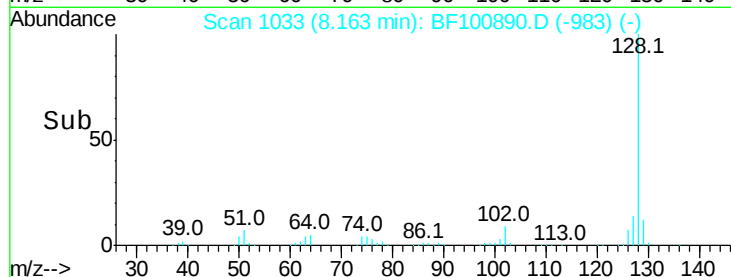
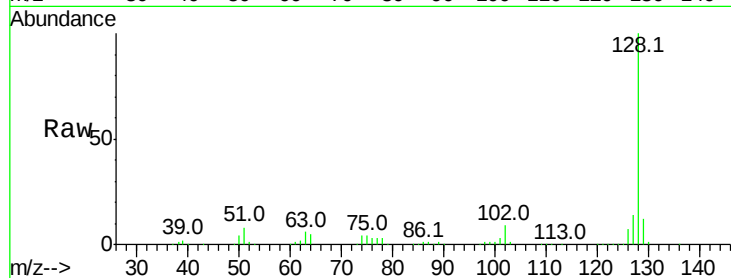
Tot Ion:128 Resp: 491307

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

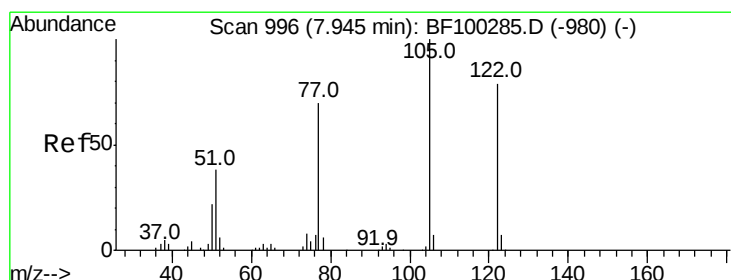
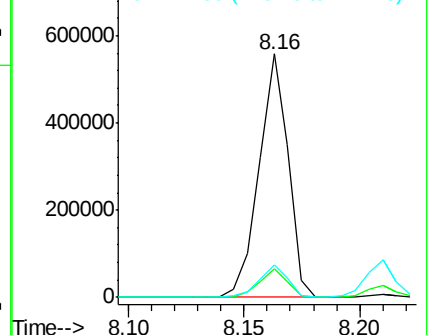
127 13.6 10.9 16.3



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: 13.816 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.05 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

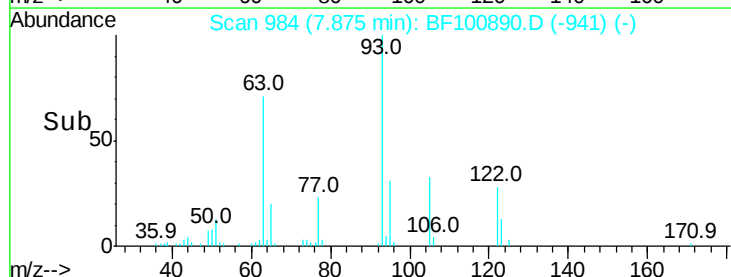
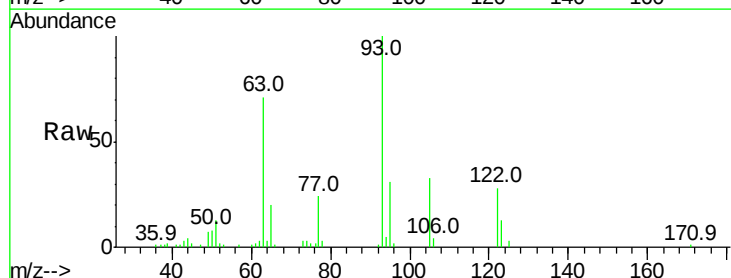
Tgt Ion:122 Resp: 20268

Ion Ratio Lower Upper

122 100

105 117.0 101.1 141.1

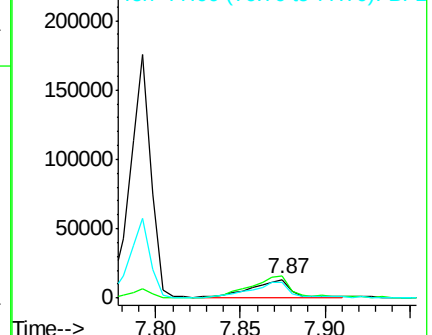
77 85.3 70.7 110.7



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

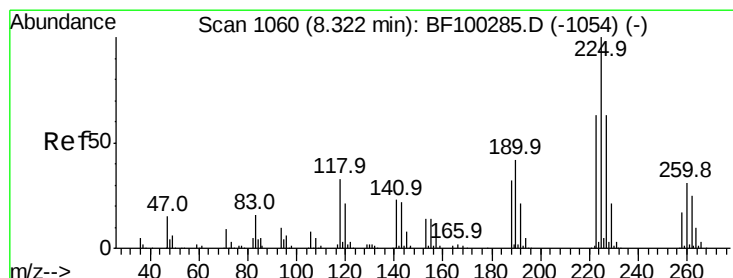
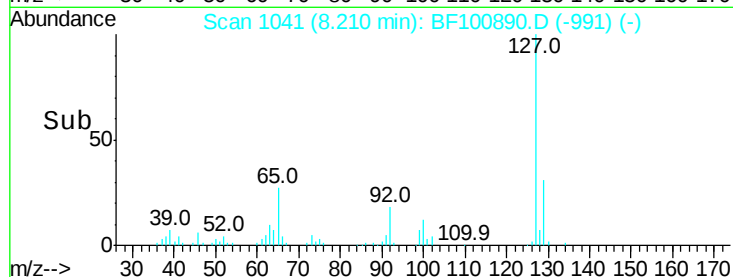
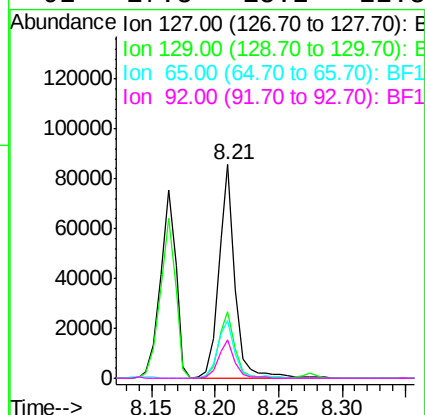
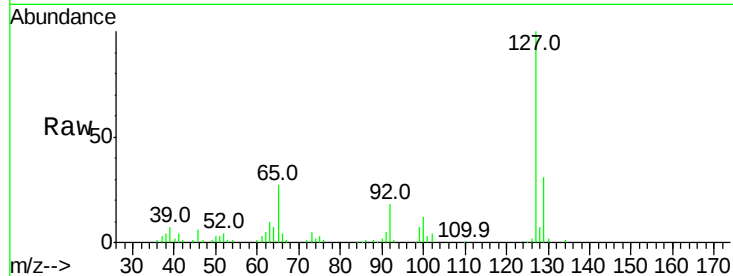




#33
4-Chloroaniline
Concen: 11.416 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

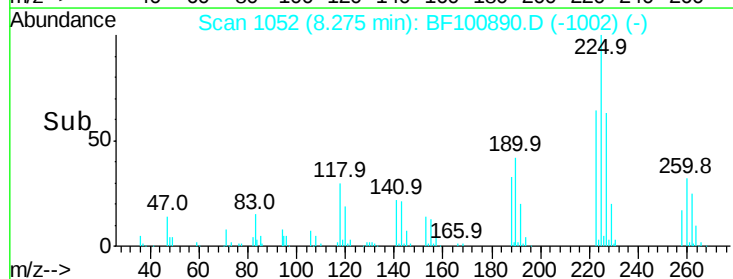
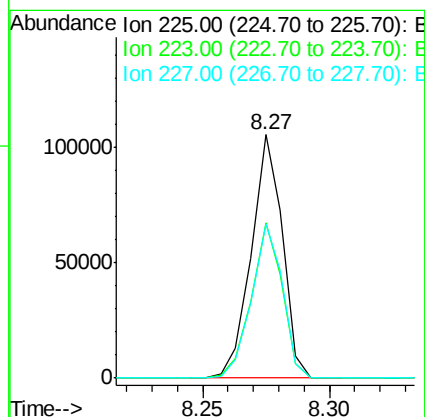
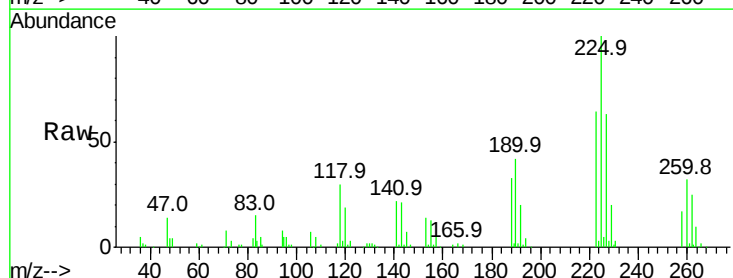
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	76964
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	27.2	25.0	37.4
92	17.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 30.512 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion:	225	Resp:	89763
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.5	51.9	77.9

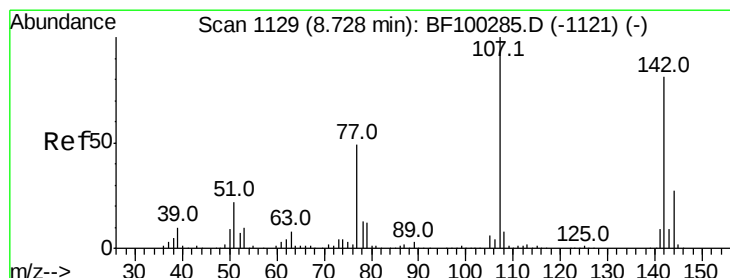
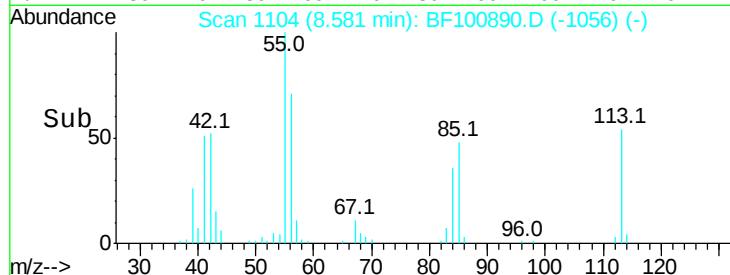
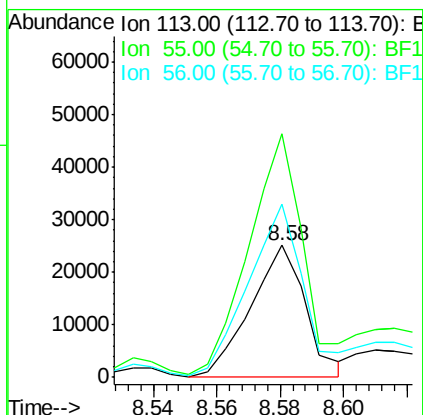
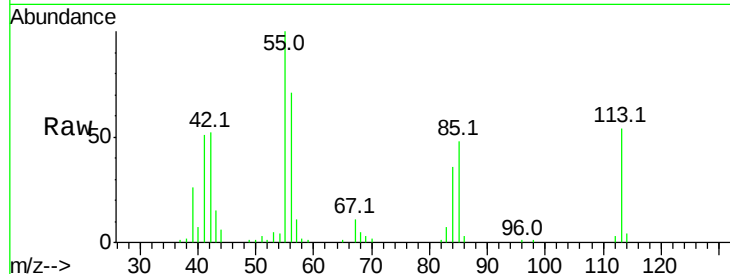




#35
 Caprolactam
 Concen: 19.292 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

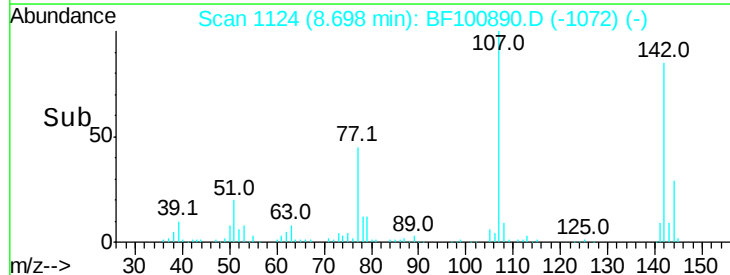
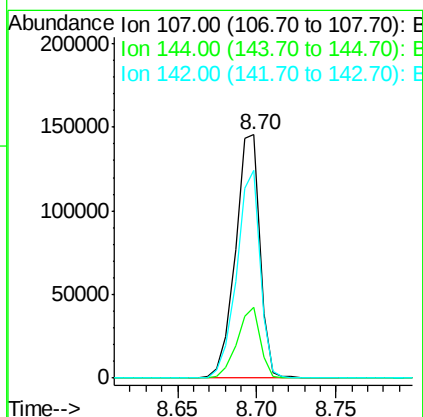
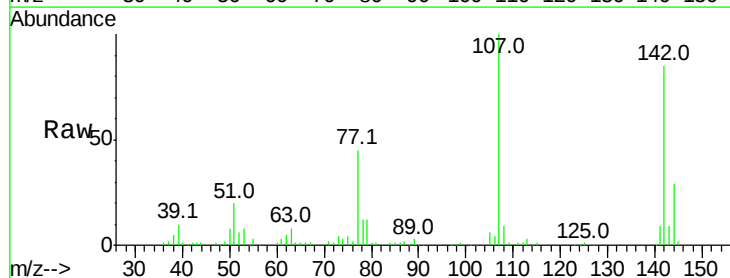
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 30284
 Ion Ratio Lower Upper
 113 100
 55 184.3 163.3 203.3
 56 131.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 31.761 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion:107 Resp: 156030
 Ion Ratio Lower Upper
 107 100
 144 29.3 20.5 30.7
 142 85.2 62.0 93.0

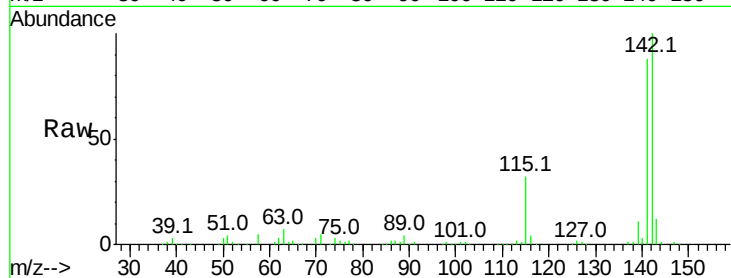




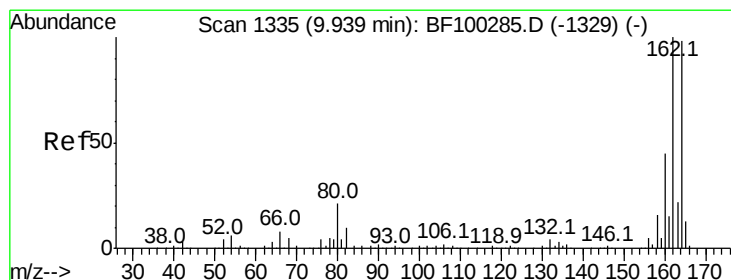
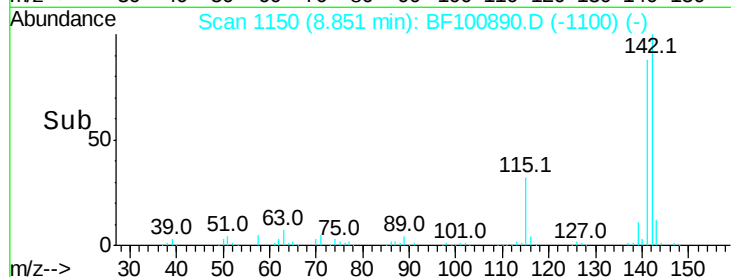
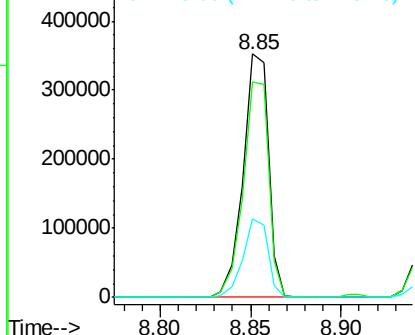
#37
2-Methylnaphthalene
Concen: 31.839 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	32.3	26.1	39.1

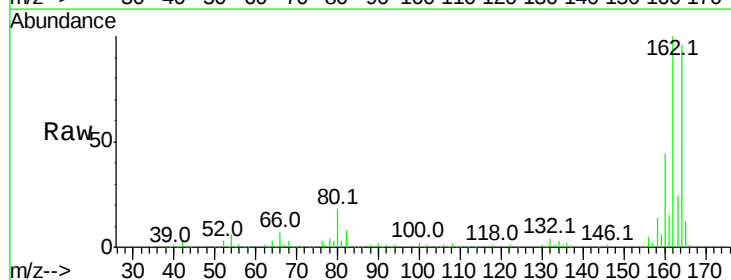


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

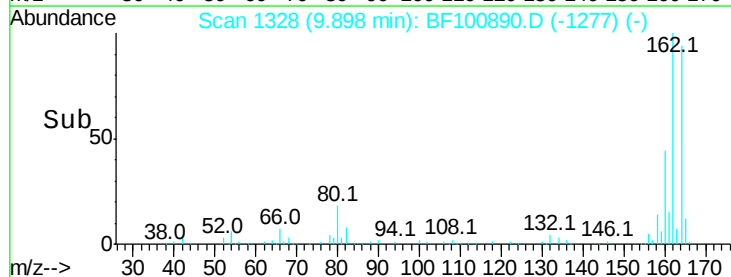
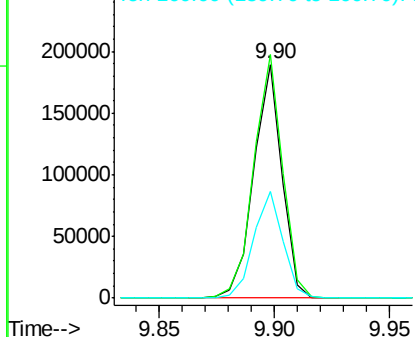


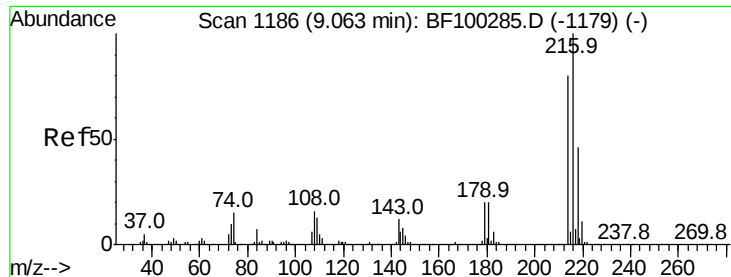
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.6	38.3	57.5



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

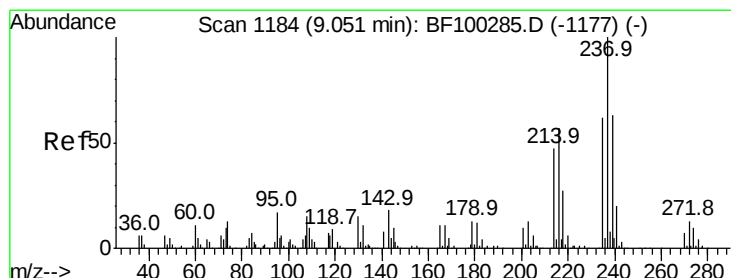
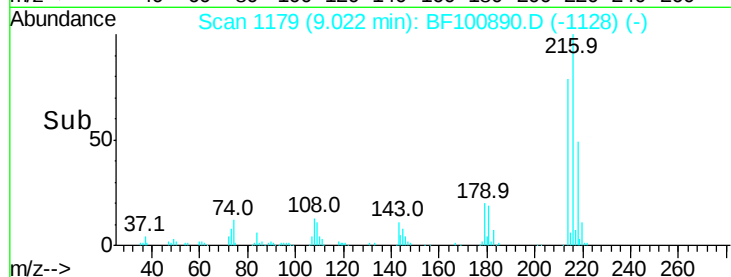
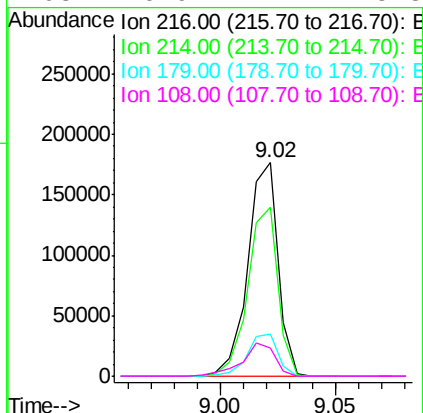
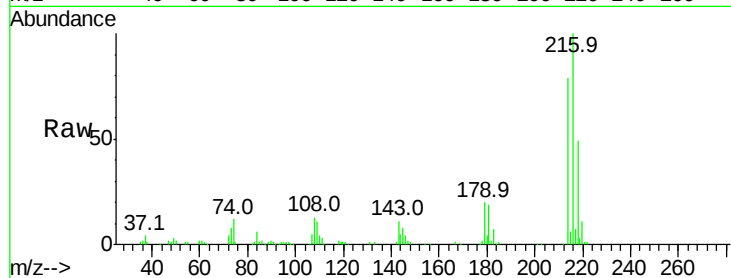




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.168 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

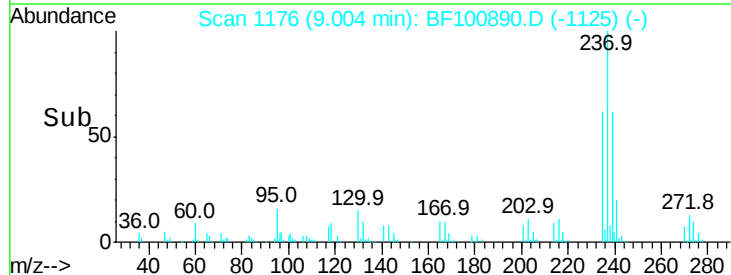
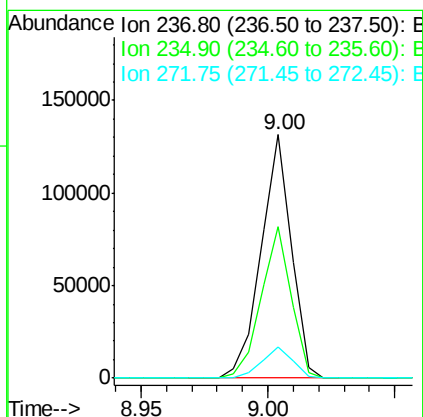
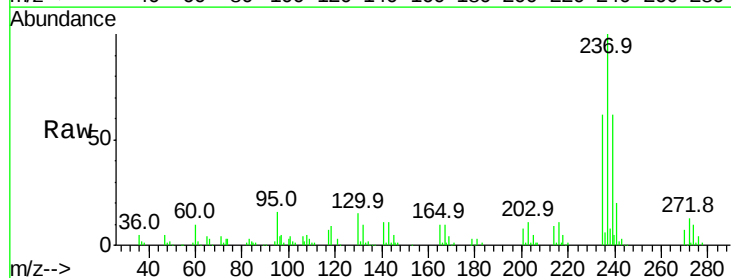
Instrument :
 BNA_F
 ClientSampled :

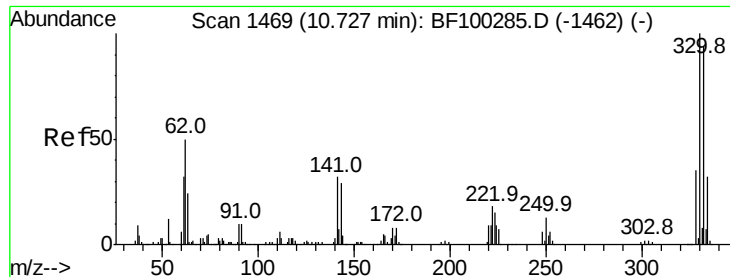
Tot Ion:	216	Resp:	161736
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.2	18.1	27.1
108	16.9	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 43.213 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion:	237	Resp:	109037
Ion	Ratio	Lower	Upper
237	100		
235	62.3	44.8	84.8
272	12.9	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 90.753 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

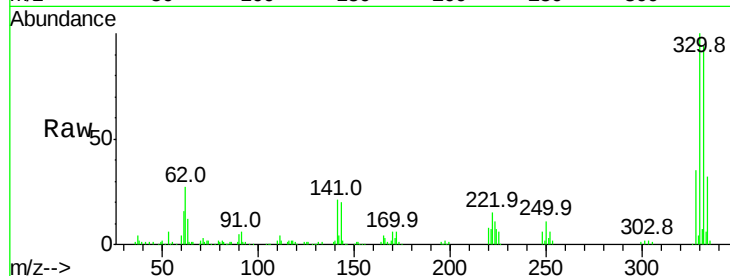
Tot Ion:330 Resp: 149494

Ion Ratio Lower Upper

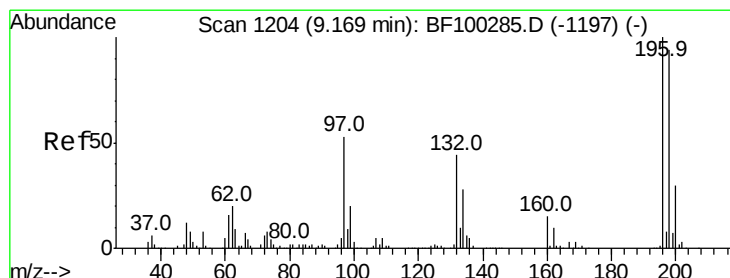
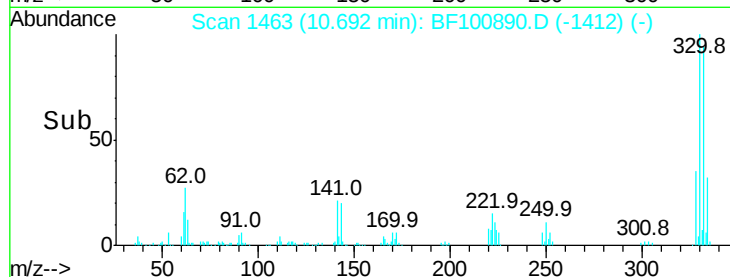
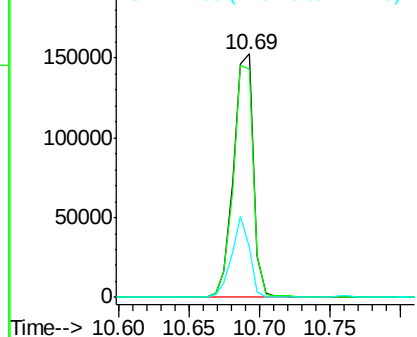
330 100

332 96.2 77.0 115.6

141 29.6 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: 33.580 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

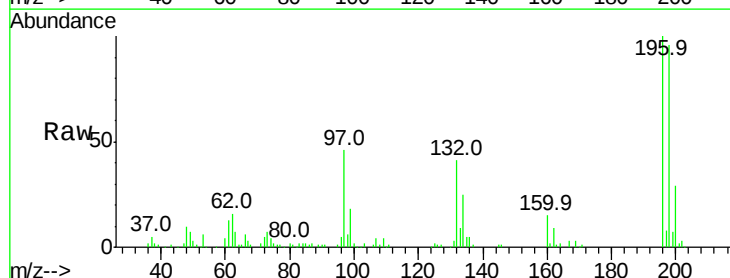
Tgt Ion:196 Resp: 114101

Ion Ratio Lower Upper

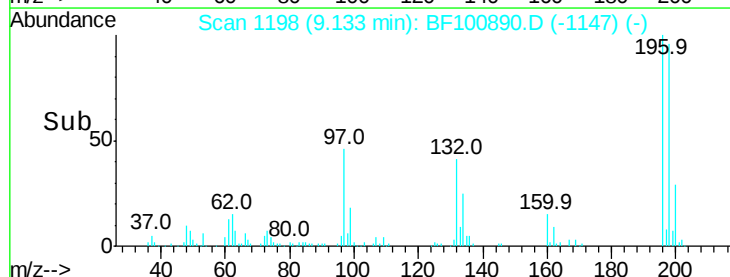
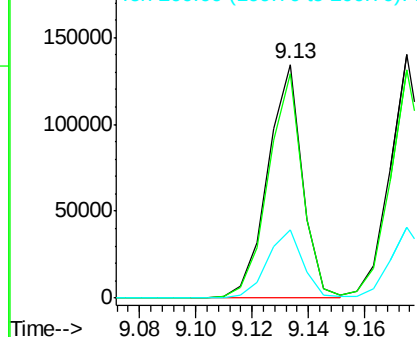
196 100

198 96.1 75.7 113.5

200 29.4 24.5 36.7



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

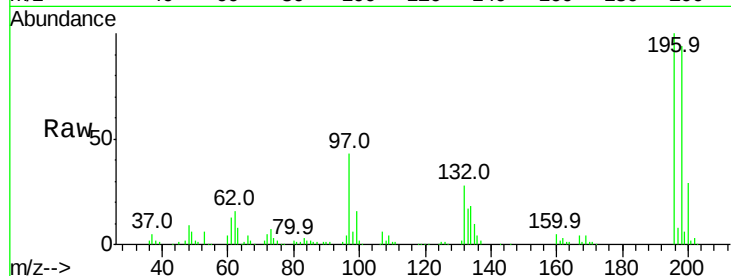




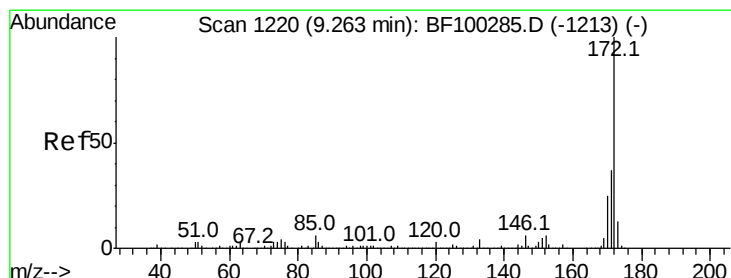
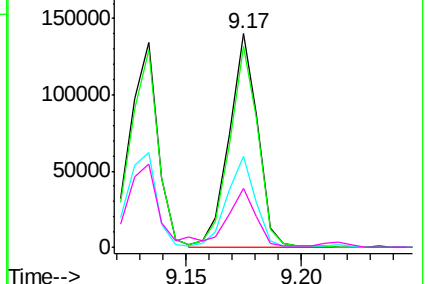
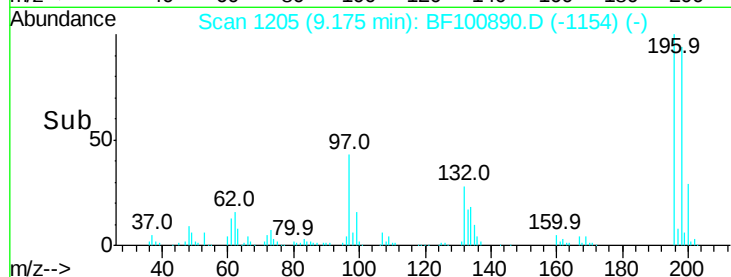
#43
 2,4,5-Trichlorophenol
 Concen: 34.050 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 119872
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.6 112.0
 97 42.8 42.9 64.3#
 132 27.8 26.3 39.5

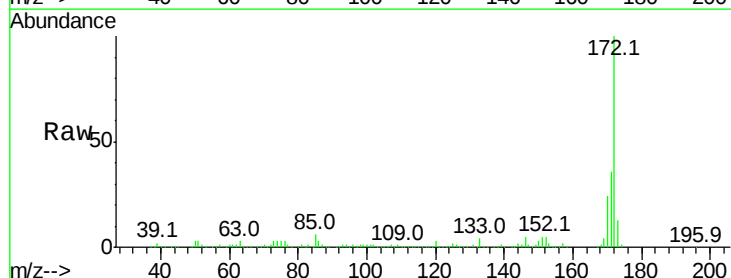


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

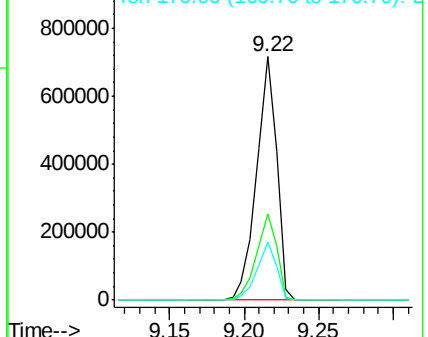
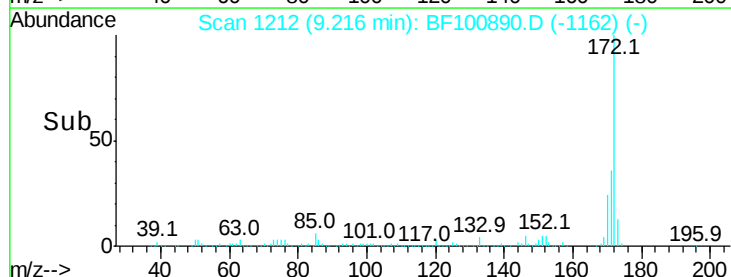


#44
 2-Fluorobiphenyl
 Concen: 62.330 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion:172 Resp: 661702
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.6 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: 29.810 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

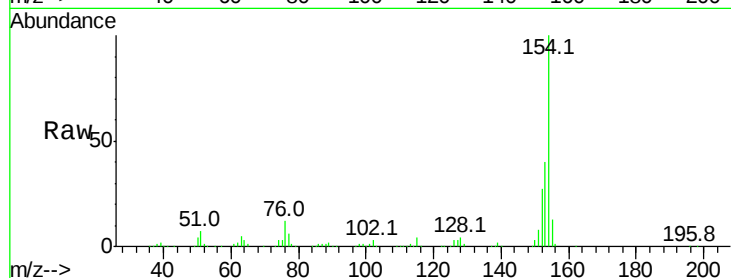
Tot Ion:154 Resp: 416785

Ion Ratio Lower Upper

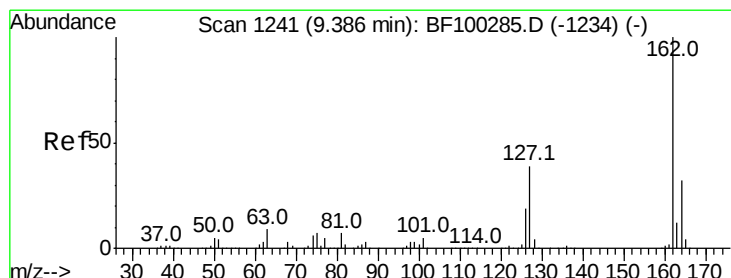
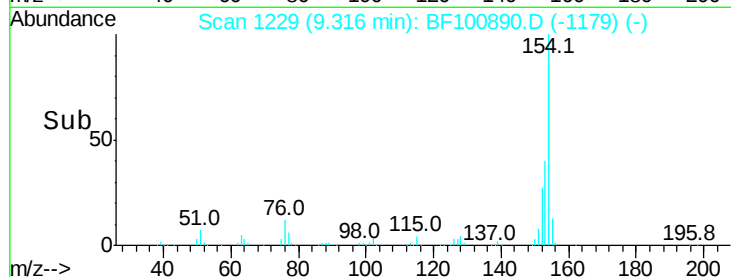
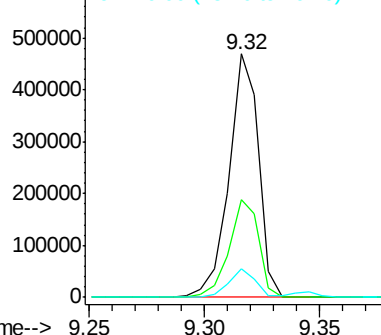
154 100

153 40.0 21.3 61.3

76 11.5 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: 31.920 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

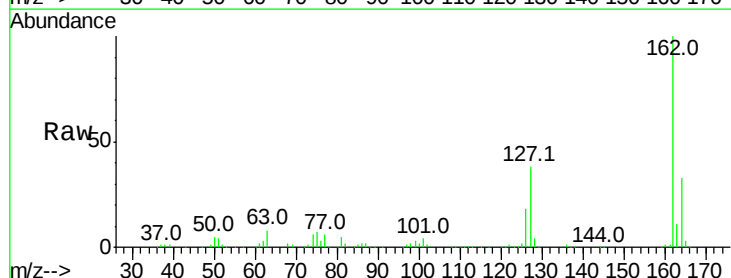
Tgt Ion:162 Resp: 323764

Ion Ratio Lower Upper

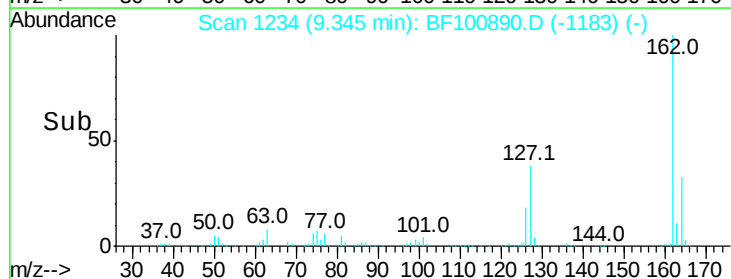
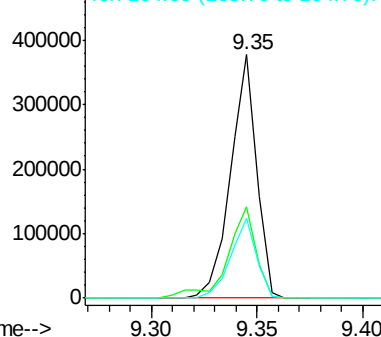
162 100

127 37.5 33.9 50.9

164 32.6 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 32.788 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

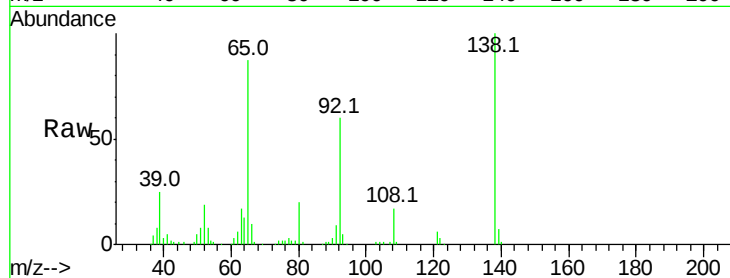
Tot Ion: 65 Resp: 95463

Ion Ratio Lower Upper

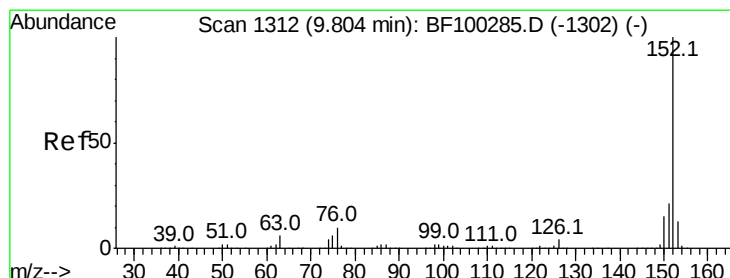
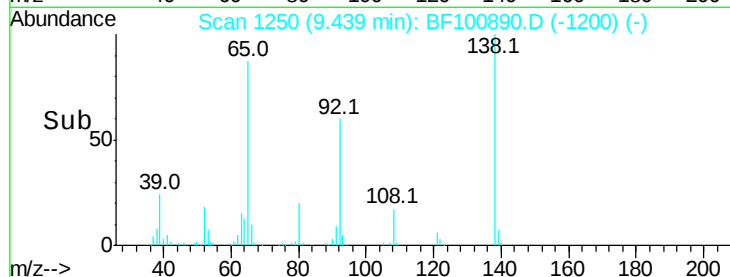
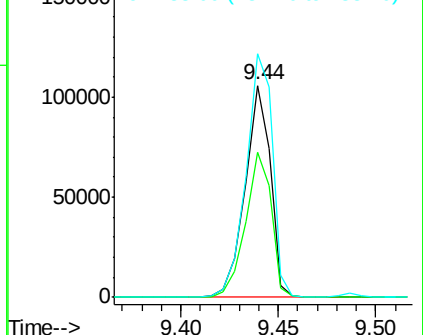
65 100

92 68.4 55.8 83.6

138 114.7 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: 29.420 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

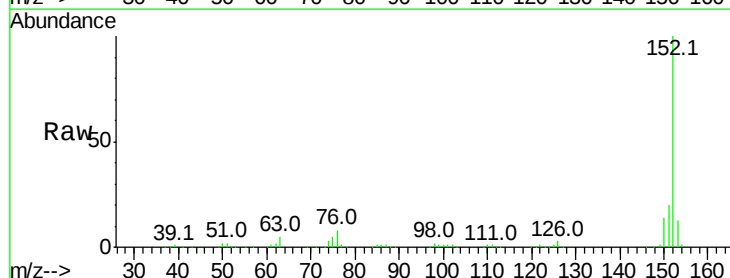
Tgt Ion: 152 Resp: 494525

Ion Ratio Lower Upper

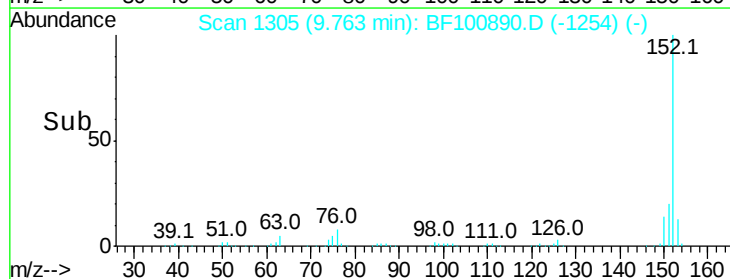
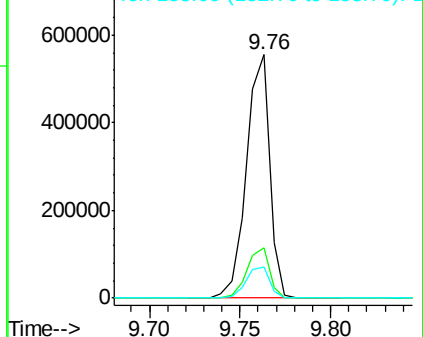
152 100

151 20.4 16.3 24.5

153 12.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

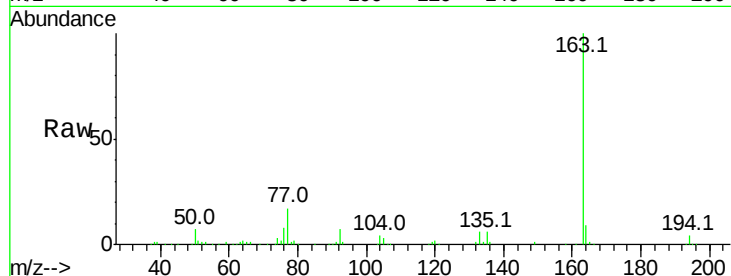




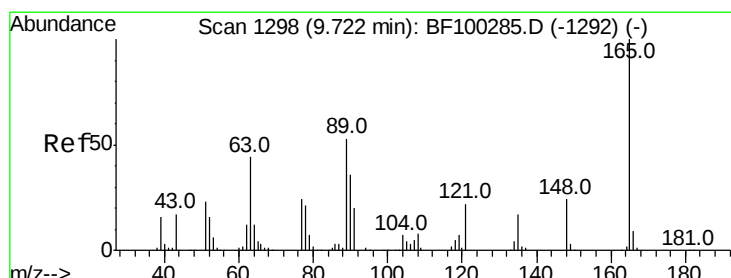
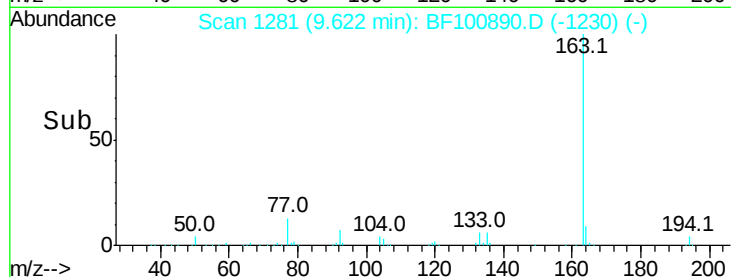
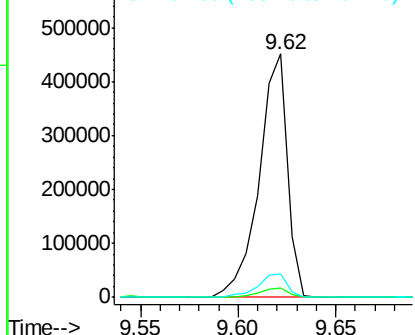
#49
Dimethylphthalate
Concen: 36.660 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 452470
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.5 8.2 12.2

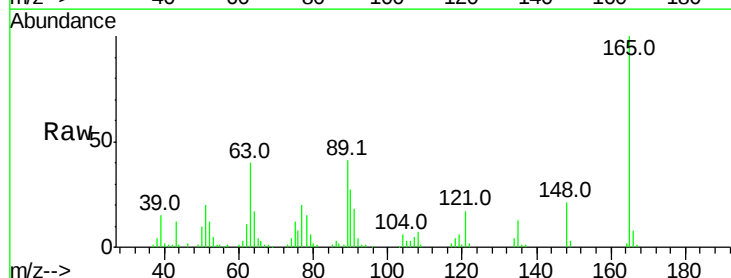


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

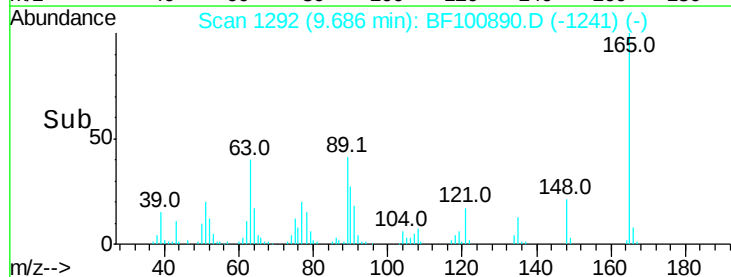
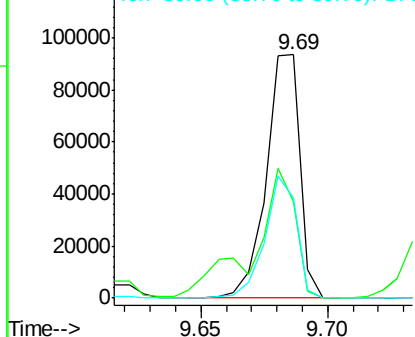


#50
2,6-Dinitrotoluene
Concen: 35.682 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion:165 Resp: 87175
Ion Ratio Lower Upper
165 100
63 39.8 44.7 67.1#
89 41.4 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

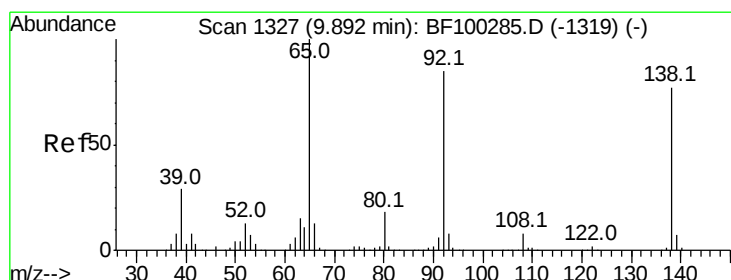
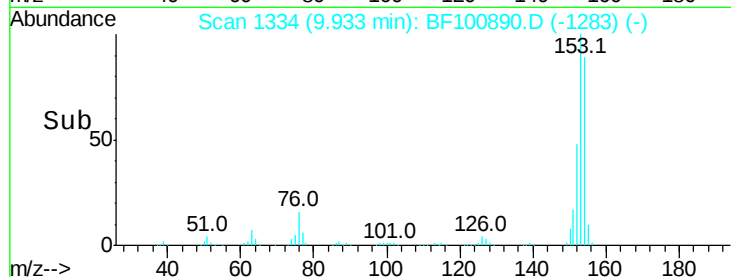
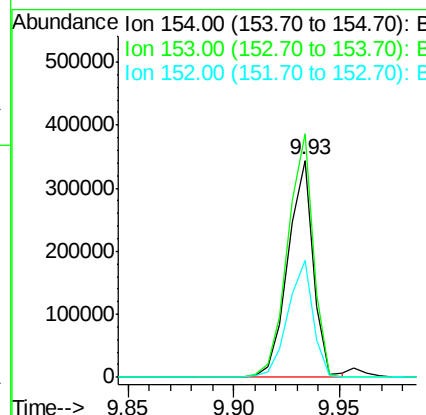
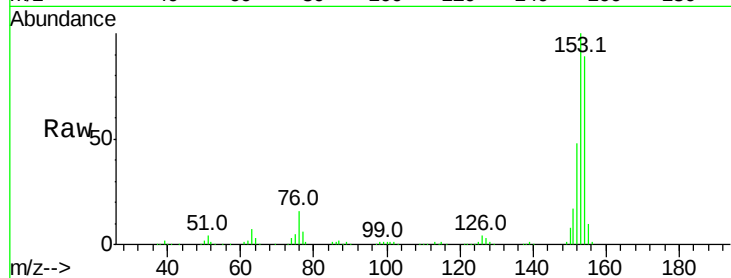




#51
Acenaphthene
Concen: 28.372 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

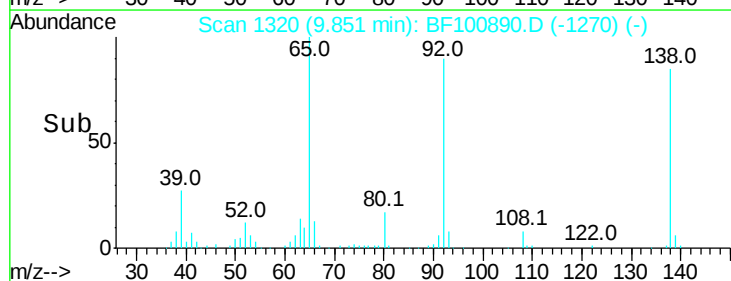
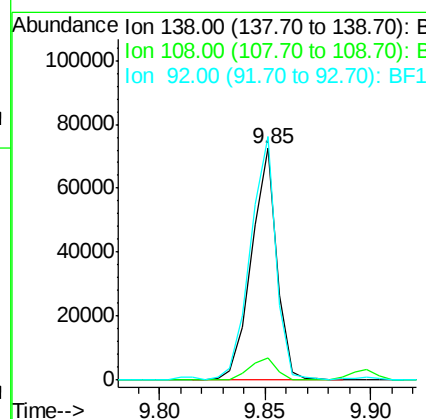
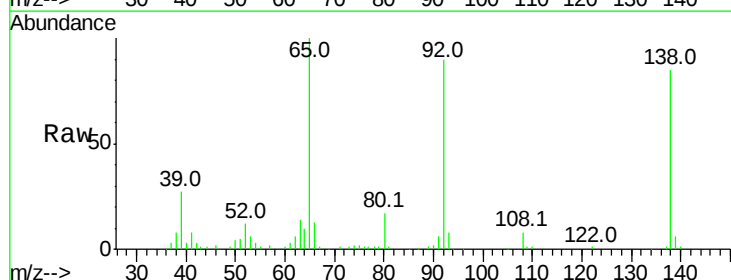
Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 290051
Ion Ratio Lower Upper
154 100
153 112.1 91.2 136.8
152 53.9 43.8 65.8



#52
3-Nitroaniline
Concen: 20.992 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion:138 Resp: 60560
Ion Ratio Lower Upper
138 100
108 9.9 9.4 14.0
92 105.2 89.4 134.2

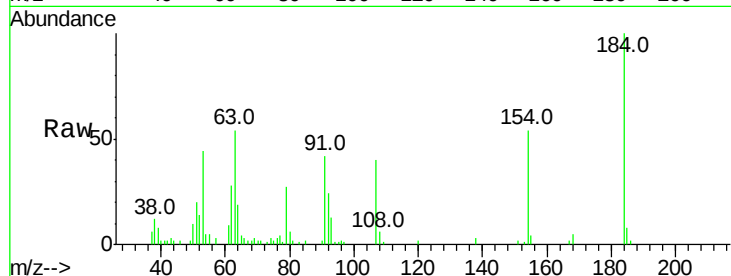




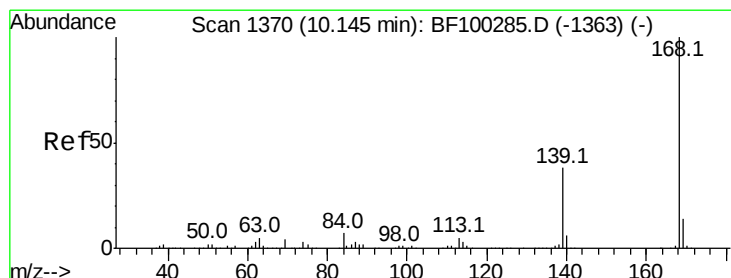
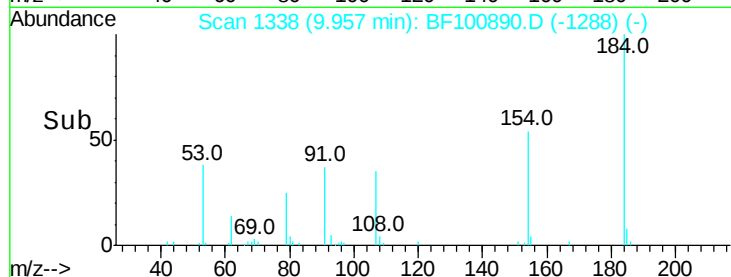
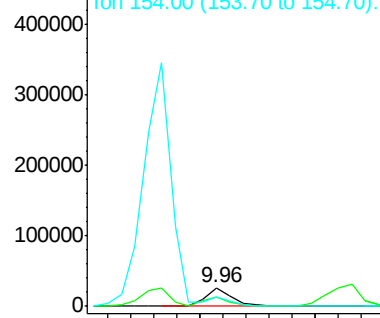
#53
 2,4-Dinitrophenol
 Concen: 31.304 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 21211
 Ion Ratio Lower Upper
 184 100
 63 53.5 54.2 81.2#
 154 53.9 184.0 276.0#

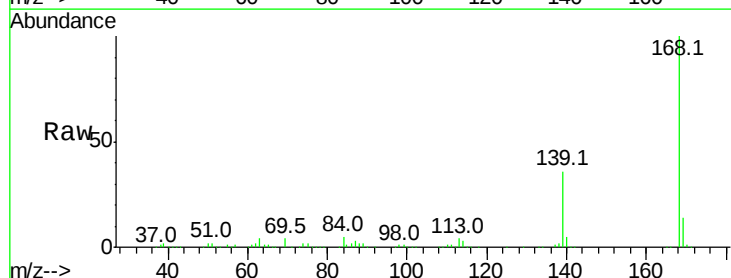


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

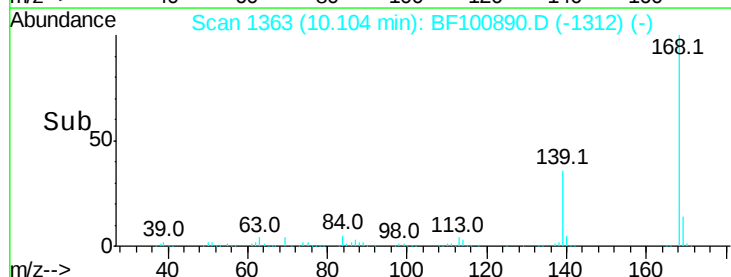
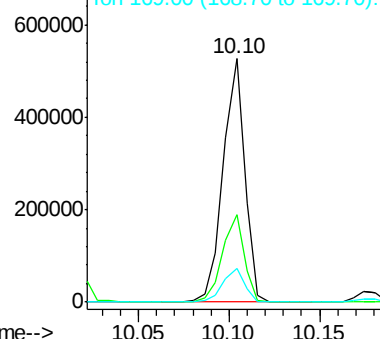


#54
 Dibenzofuran
 Concen: 30.573 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion:168 Resp: 438061
 Ion Ratio Lower Upper
 168 100
 139 35.9 30.1 45.1
 169 14.0 10.9 16.3



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





#55

4-Nitrophenol

Concen: 51.399 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

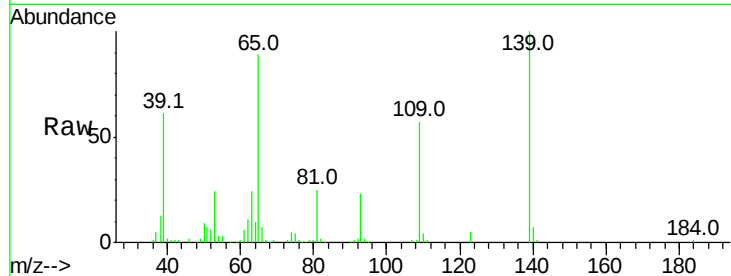
Tot Ion:139 Resp: 120405

Ion Ratio Lower Upper

139 100

109 57.1 48.4 88.4

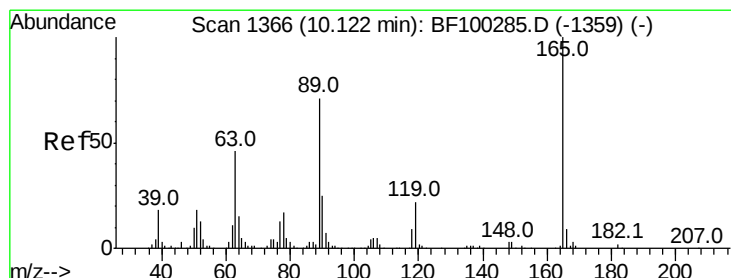
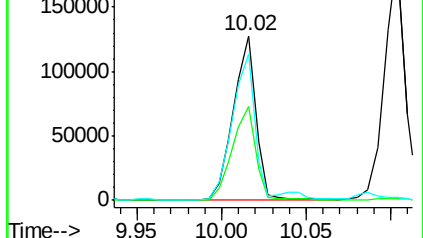
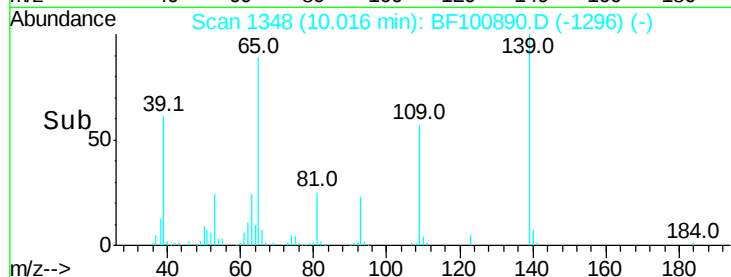
65 89.0 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 37.097 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Tgt Ion:165 Resp: 114338

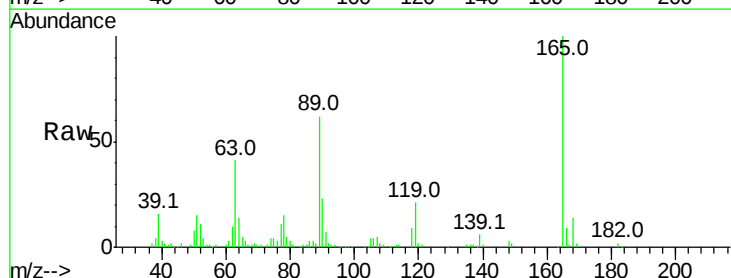
Ion Ratio Lower Upper

165 100

63 40.9 36.4 54.6

89 62.3 57.8 86.6

182 2.4 1.6 2.4

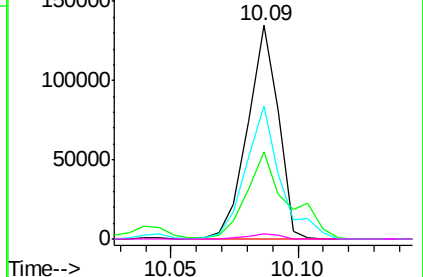
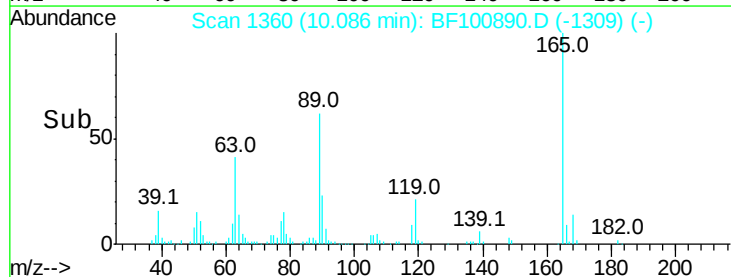


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 32.455 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampled :

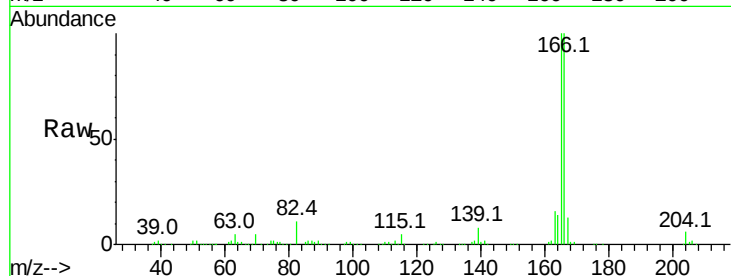
Tot Ion:166 Resp: 340666

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

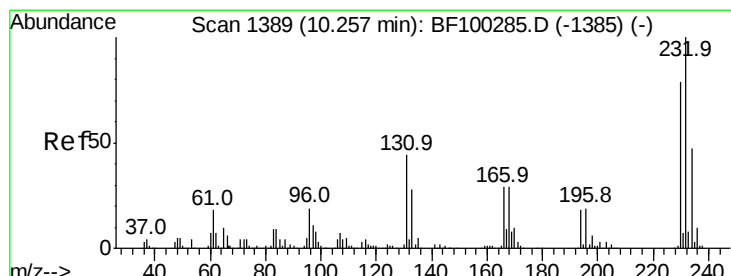
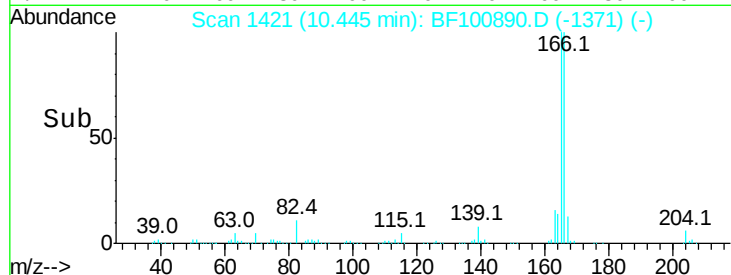
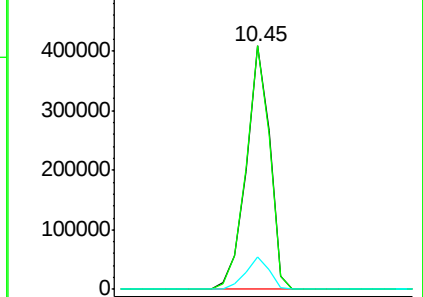
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.996 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Tgt Ion:232 Resp: 95204

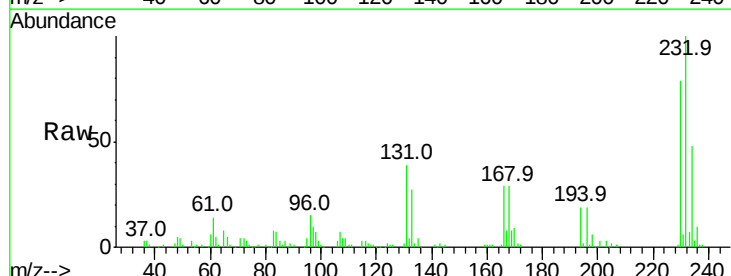
Ion Ratio Lower Upper

232 100

131 41.9 43.8 65.8#

130 2.1 2.1 3.1#

166 29.7 27.8 41.6

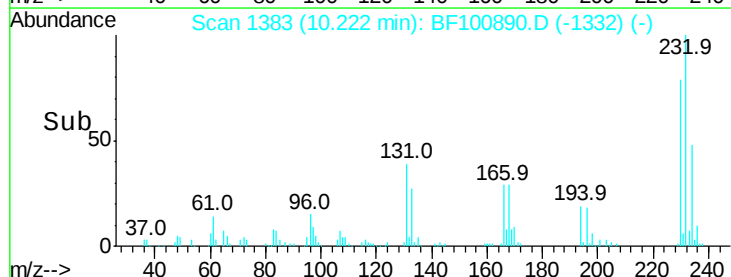
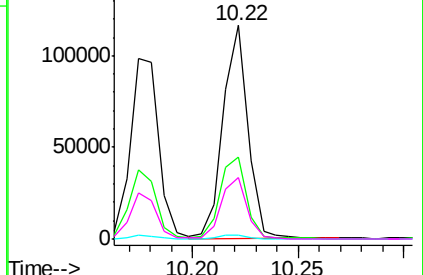


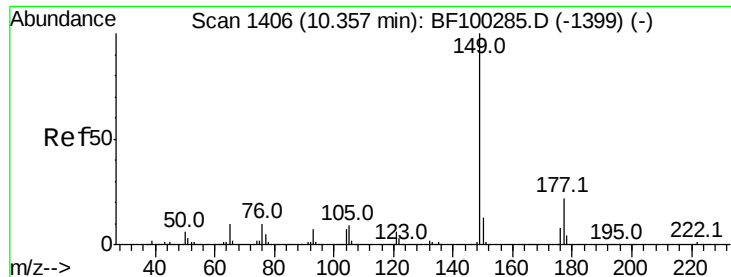
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

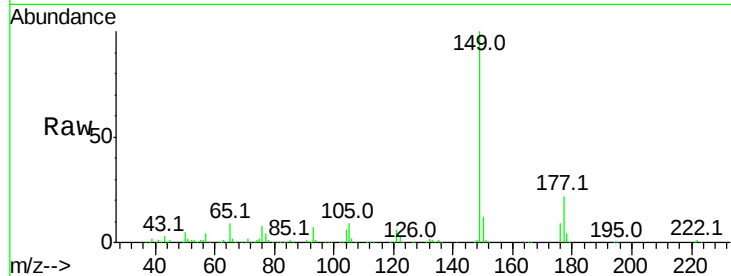




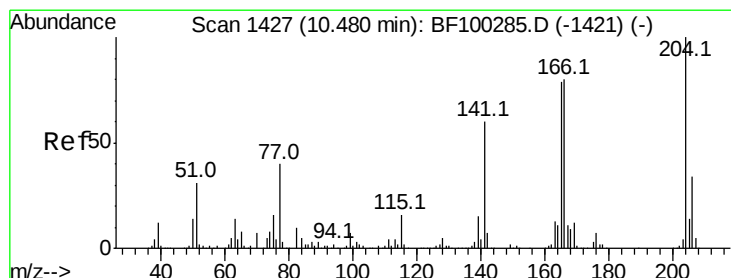
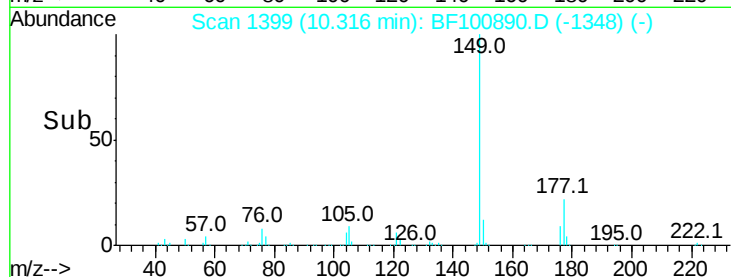
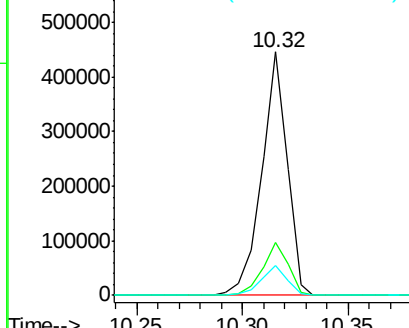
#59
Diethylphthalate
Concen: 30.298 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 374224
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.4 10.1 15.1

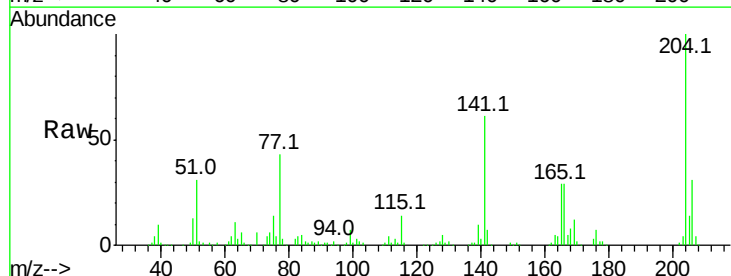


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

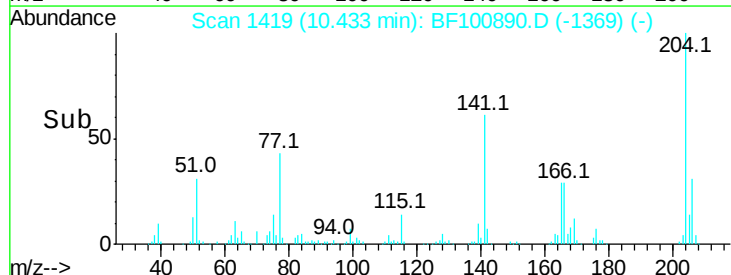
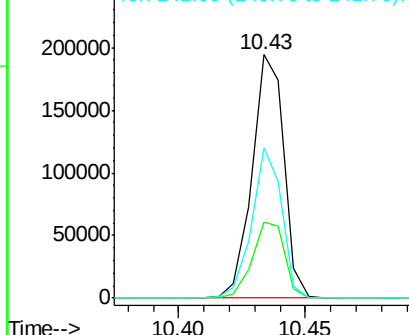


#60
4-Chlorophenyl-phenylether
Concen: 32.793 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion:204 Resp: 168858
Ion Ratio Lower Upper
204 100
206 31.2 26.5 39.7
141 61.4 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

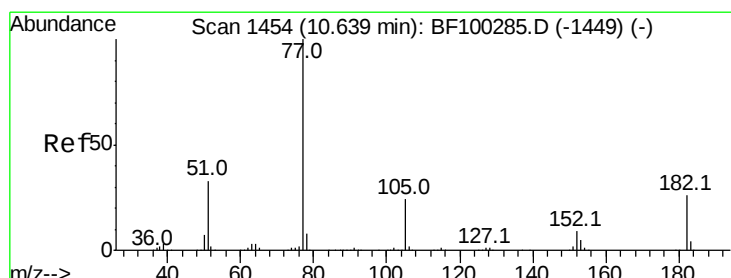
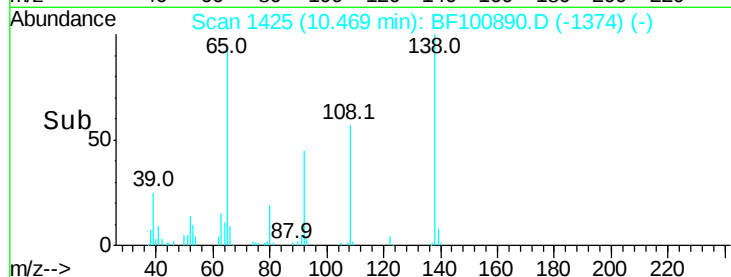
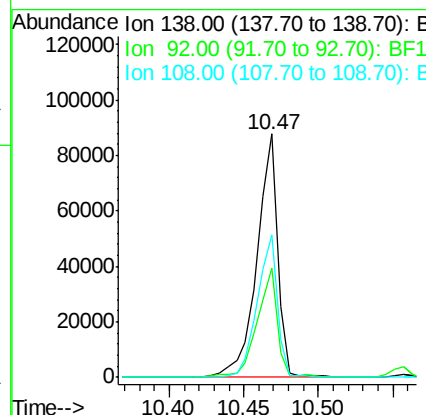
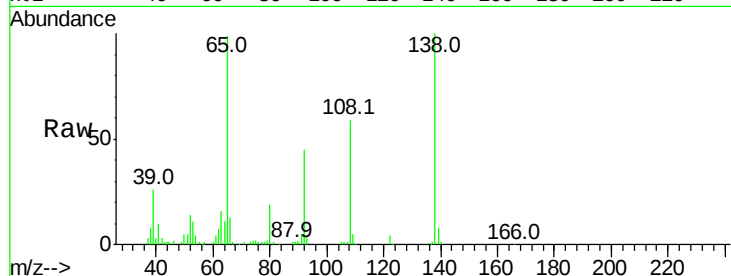




#61
4-Nitroaniline
Concen: 30.751 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

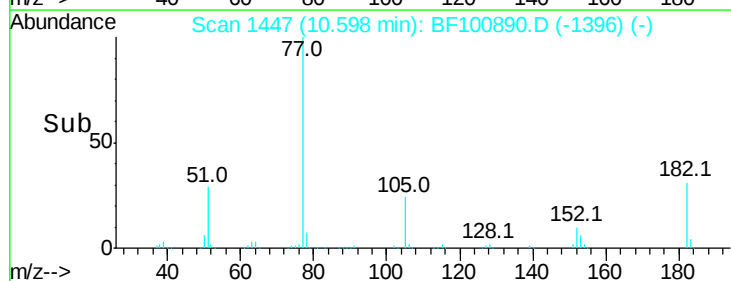
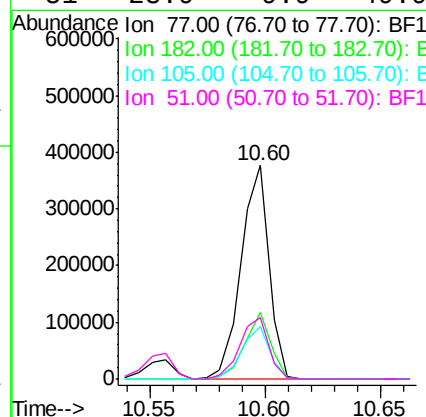
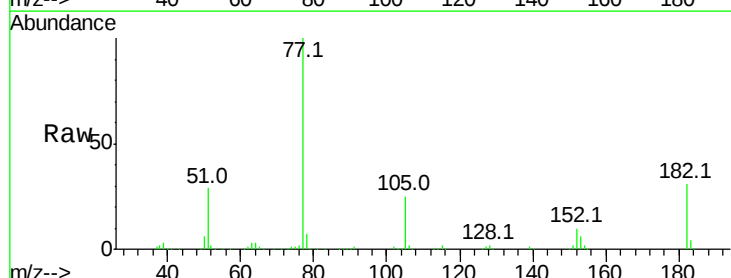
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 84121
Ion Ratio Lower Upper
138 100
92 45.1 30.2 70.2
108 58.6 52.5 92.5



#62
Azobenzene
Concen: 27.387 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion: 77 Resp: 318593
Ion Ratio Lower Upper
77 100
182 31.0 1.7 41.7
105 24.7 3.0 43.0
51 28.9 9.9 49.9

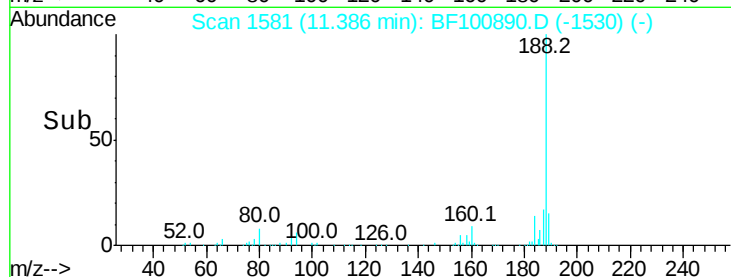
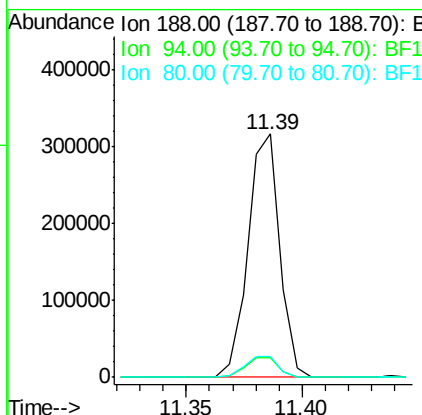
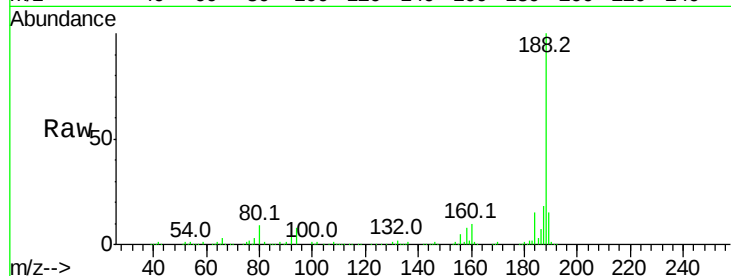




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

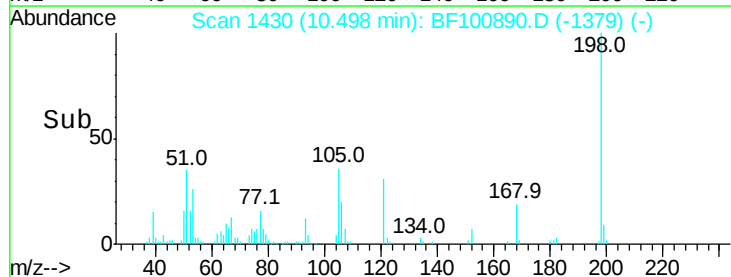
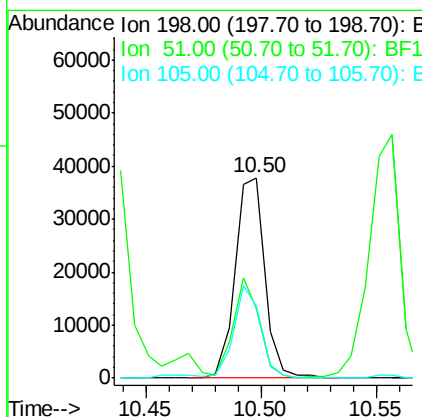
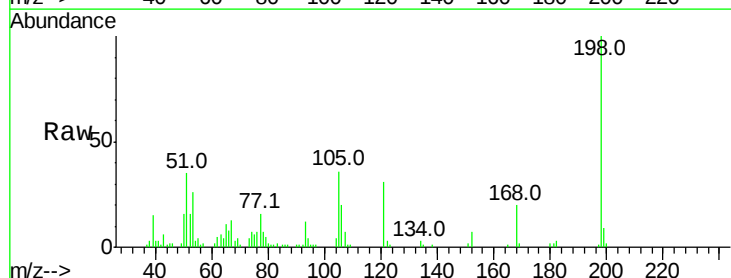
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 303134
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.5 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 26.751 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion:198 Resp: 33875
Ion Ratio Lower Upper
198 100
51 34.9 37.7 77.7#
105 35.8 36.3 76.3#

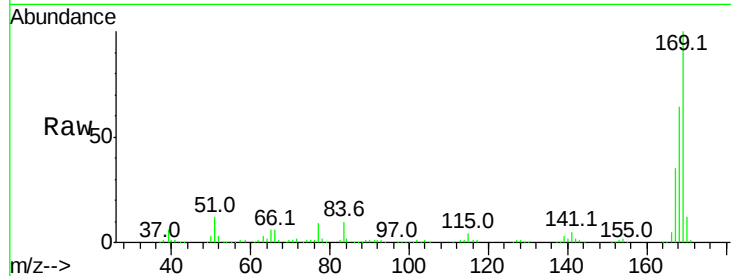




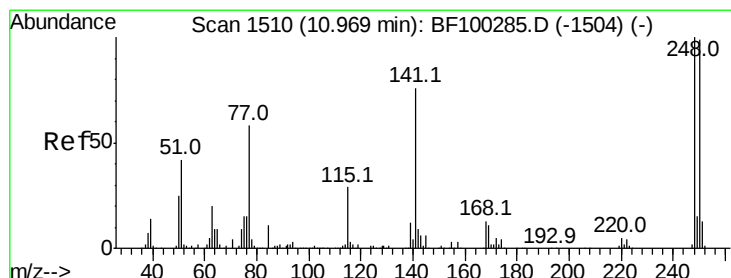
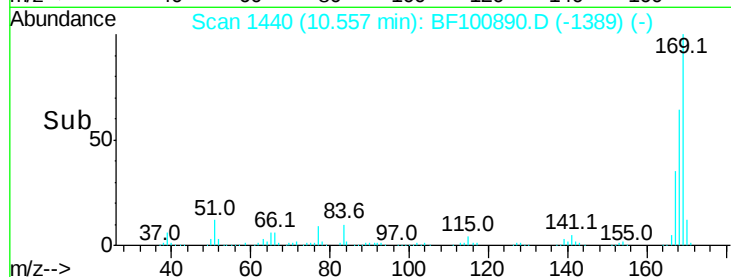
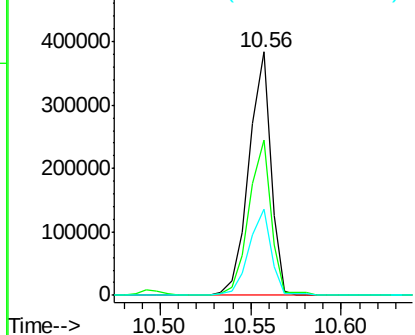
#65
 n-Nitrosodiphenylamine
 Concen: 30.750 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 324114
 Ion Ratio Lower Upper
 169 100
 168 63.7 54.4 81.6
 167 35.4 29.8 44.6

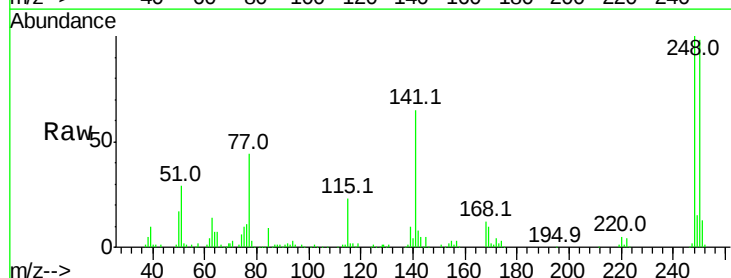


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

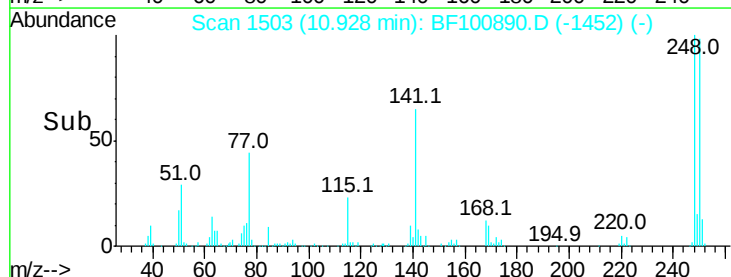
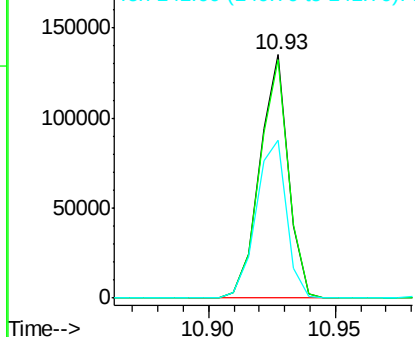


#66
 4-Bromophenyl-phenylether
 Concen: 32.484 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion:248 Resp: 105557
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.9 115.3
 141 65.0 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

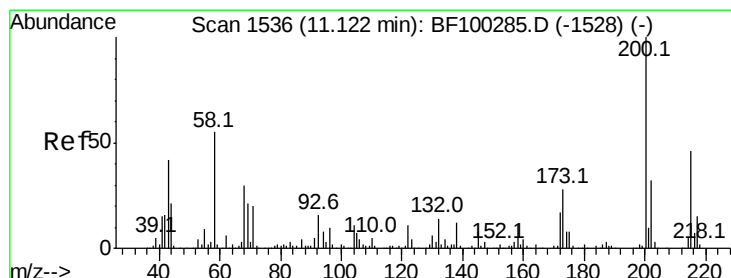
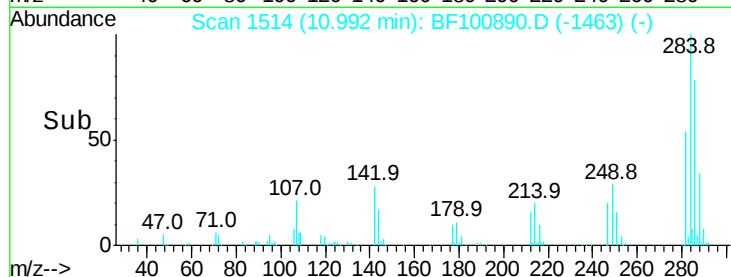
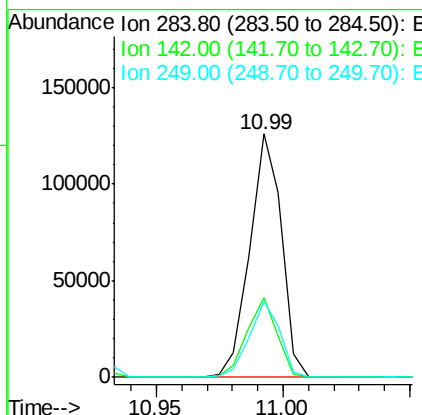
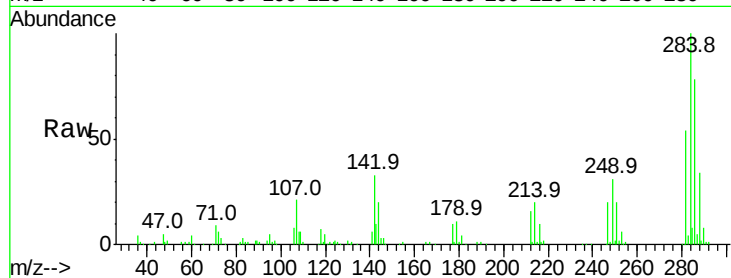




#67
Hexachlorobenzene
Concen: 32.258 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

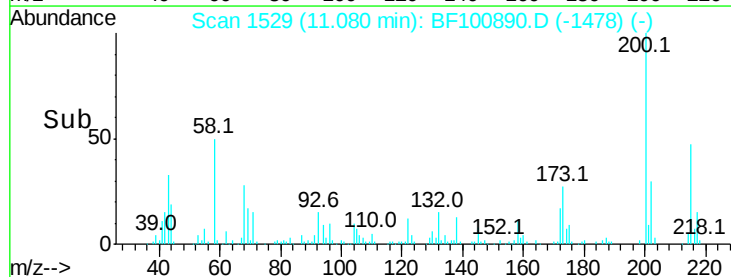
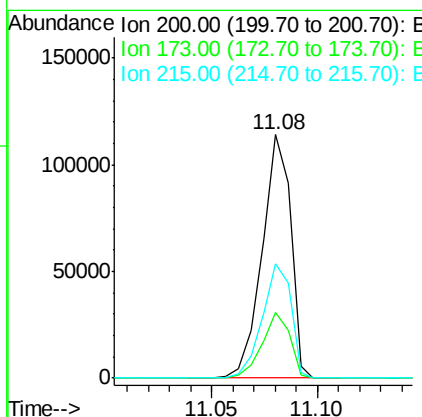
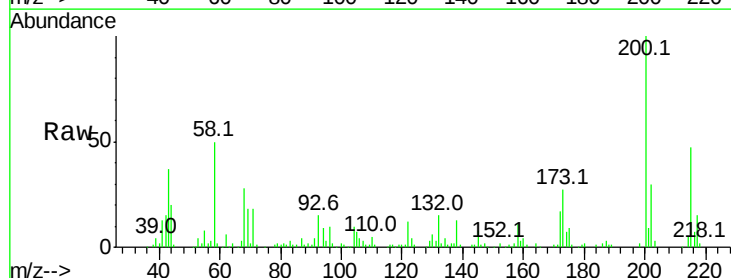
Instrument :
BNA_F
ClientSampleId :

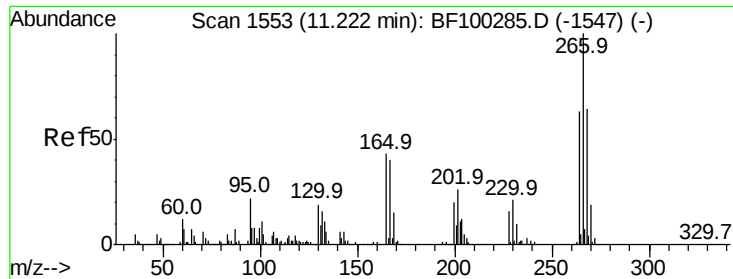
Tot Ion:284 Resp: 109634
Ion Ratio Lower Upper
284 100
142 32.6 34.6 52.0#
249 31.1 24.8 37.2



#68
Atrazine
Concen: 33.739 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion:200 Resp: 107647
Ion Ratio Lower Upper
200 100
173 26.8 8.6 48.6
215 46.9 25.1 65.1

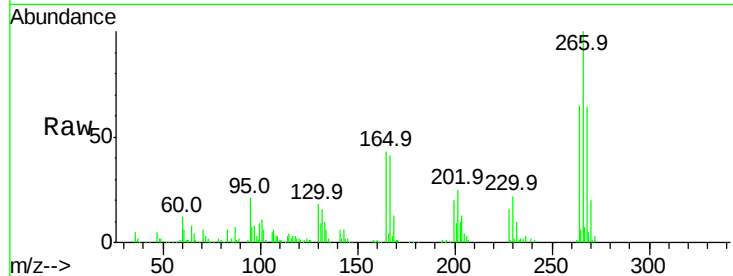




#69
 Pentachlorophenol
 Concen: 42.973 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	65.3	49.5	74.3

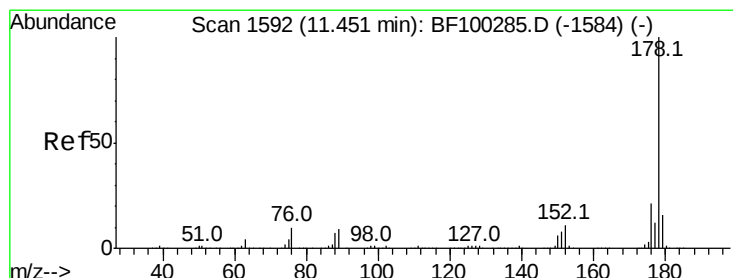
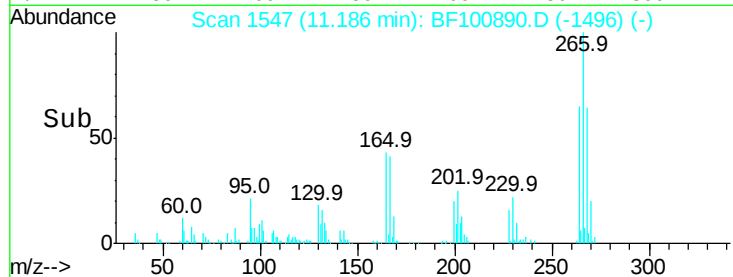
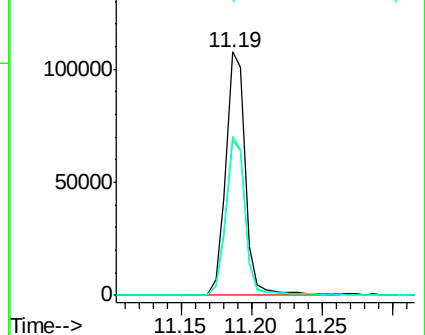


Abundance

Ion 265.70 (265.40 to 266.40): E

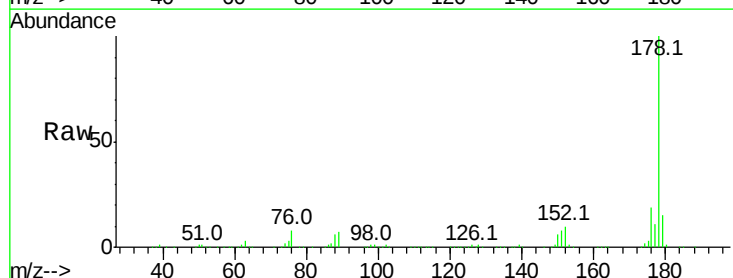
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 30.674 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.1	13.0	19.6

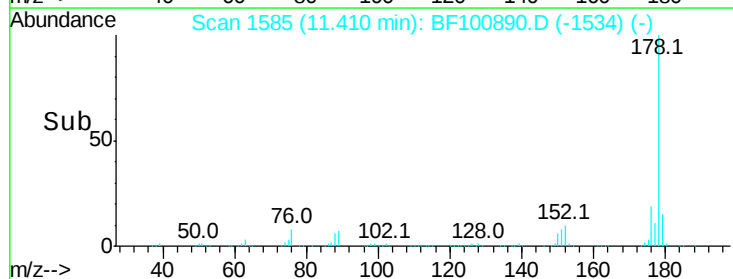
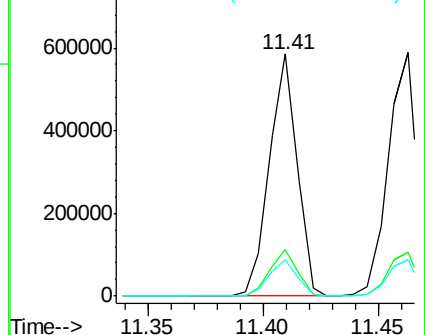


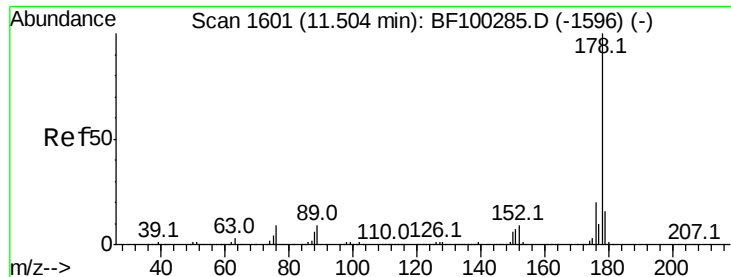
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

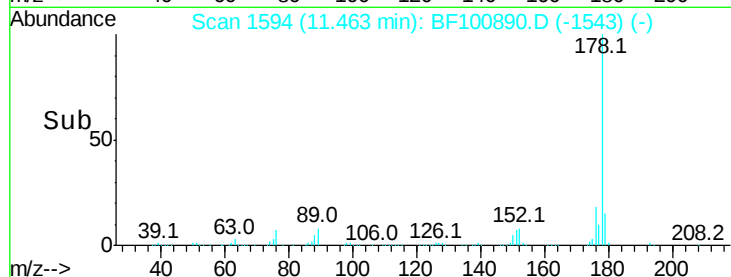
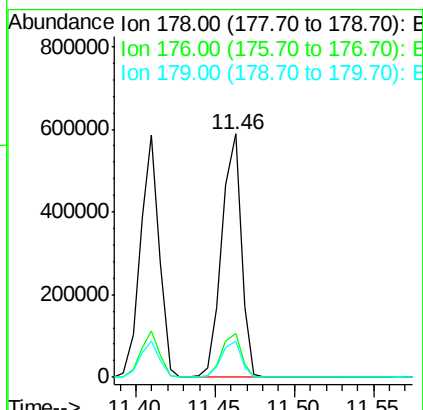
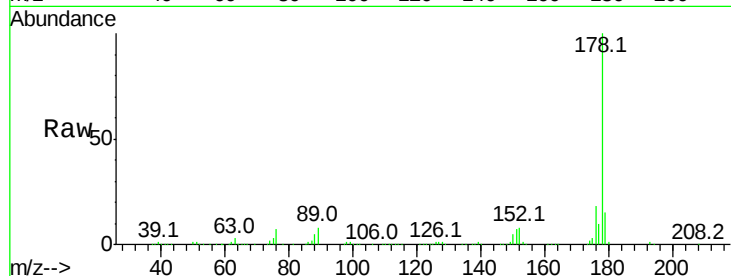




#71
 Anthracene
 Concen: 31.271 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

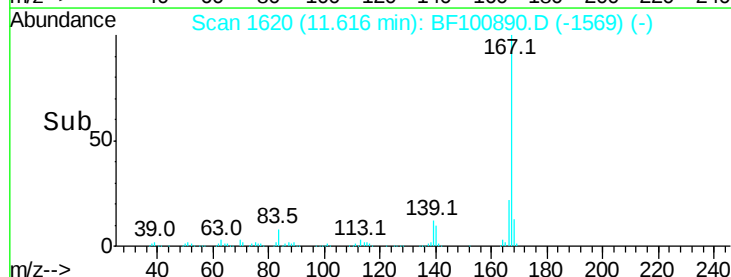
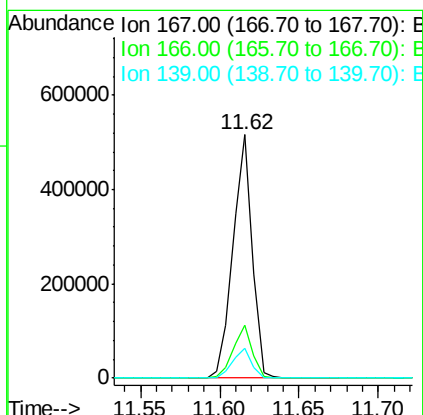
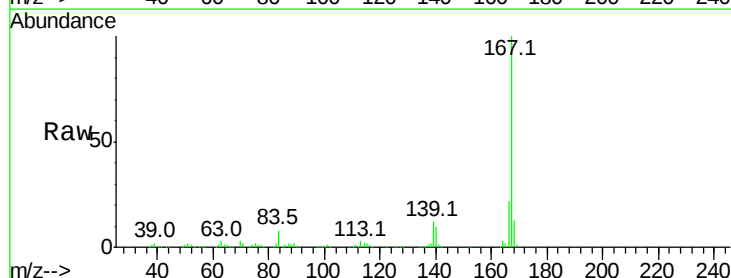
Instrument :
 BNA_F
 ClientSampleId :

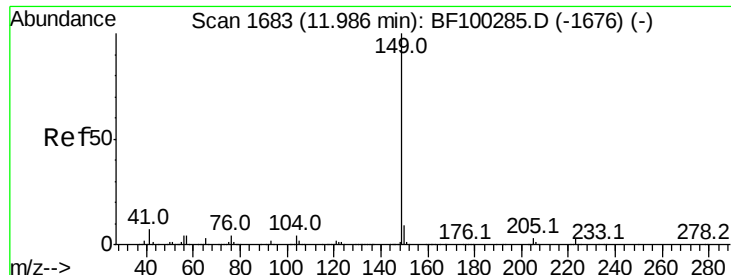
Tot Ion:178 Resp: 506356
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 29.151 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion:167 Resp: 435541
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.5 10.9 16.3

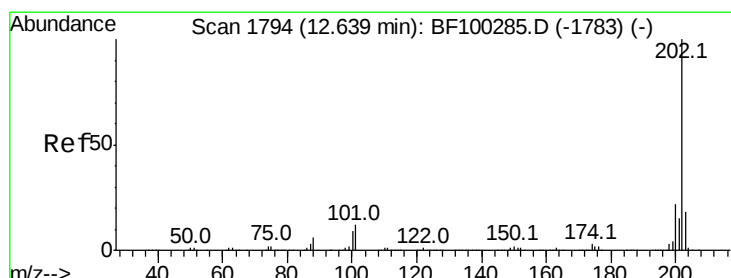
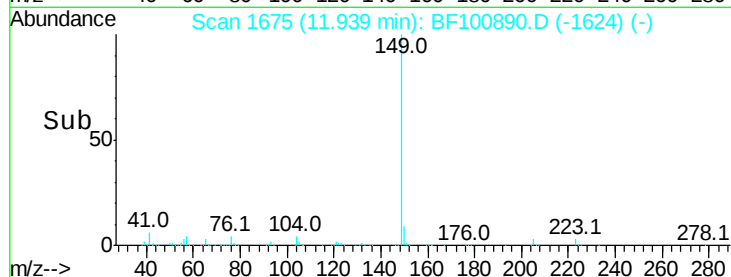
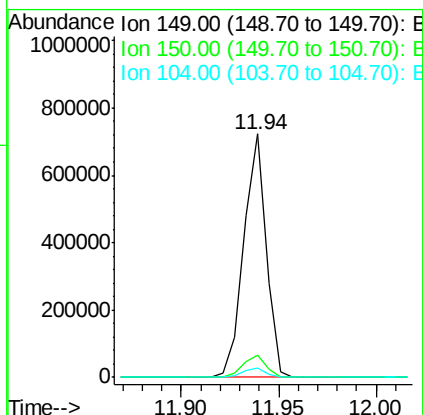
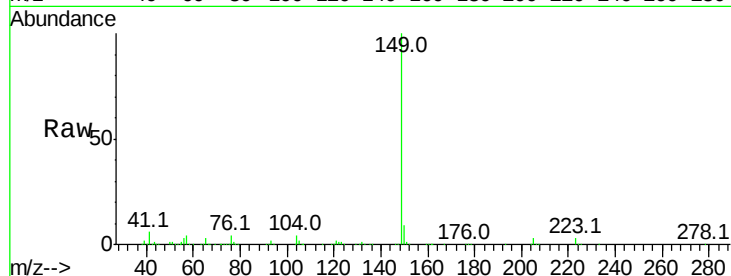




#73
Di-n-butylphthalate
Concen: 32.953 ng
RT: 11.94 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

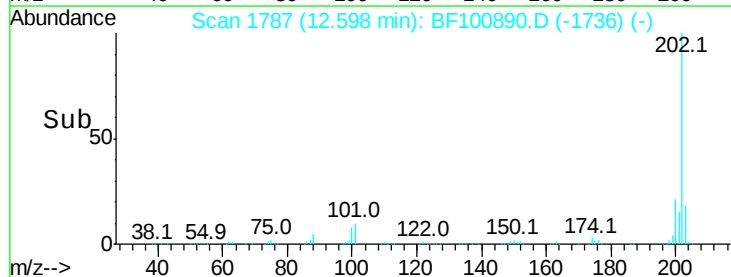
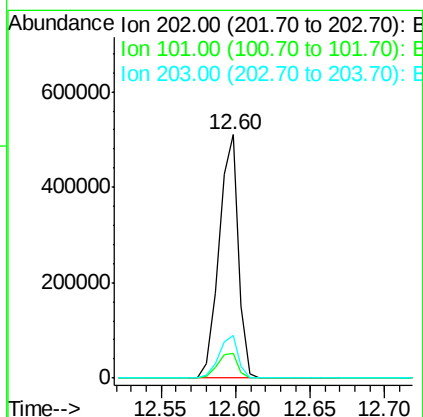
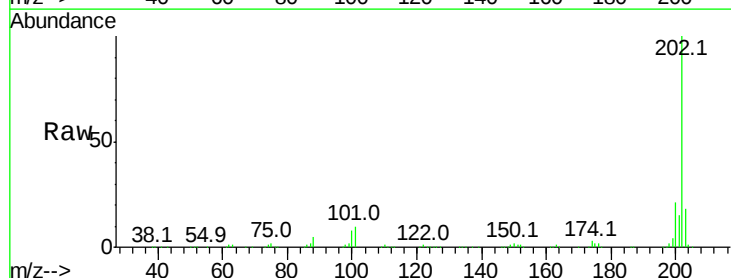
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 576166
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.1 3.8 5.8



#74
Fluoranthene
Concen: 27.442 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion:202 Resp: 464179
Ion Ratio Lower Upper
202 100
101 10.0 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

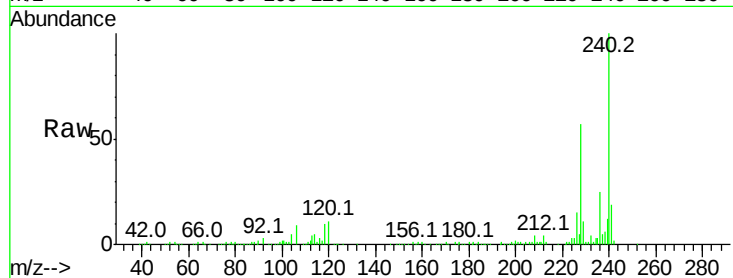
Tot Ion:240 Resp: 170721

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

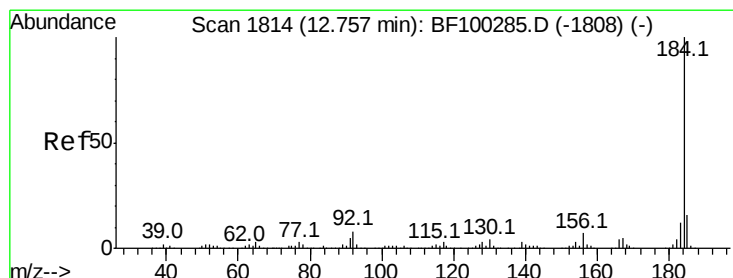
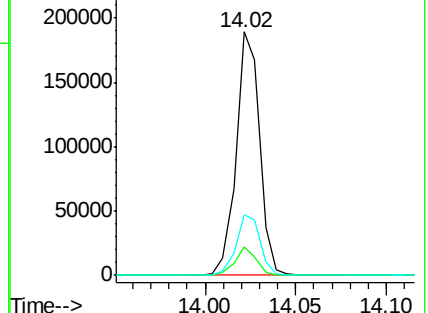
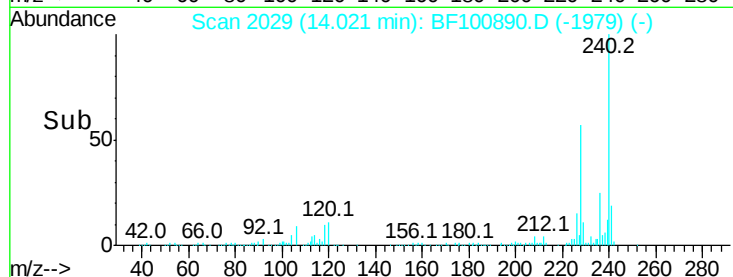
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.367 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

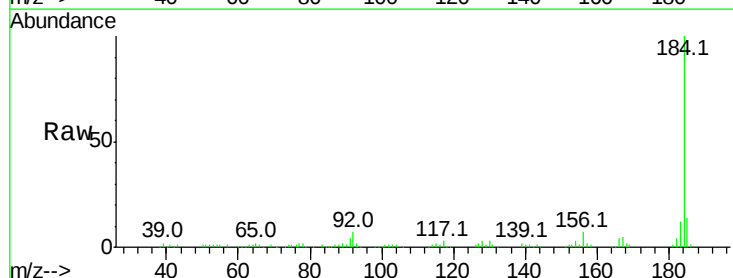
Tgt Ion:184 Resp: 118740

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

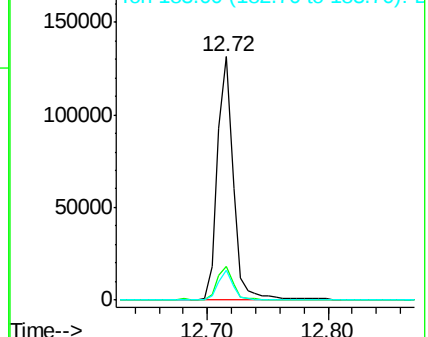
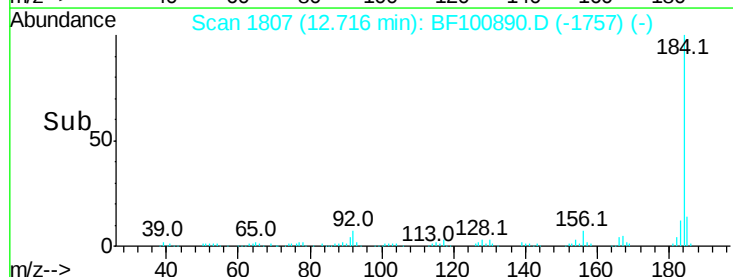
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

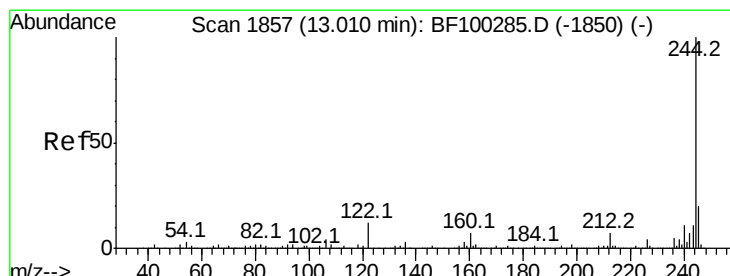
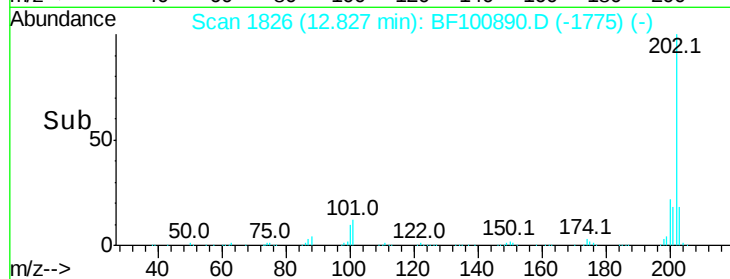
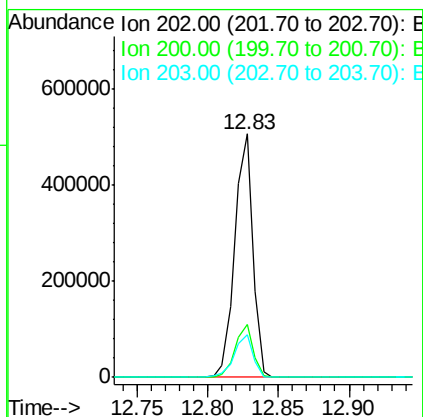
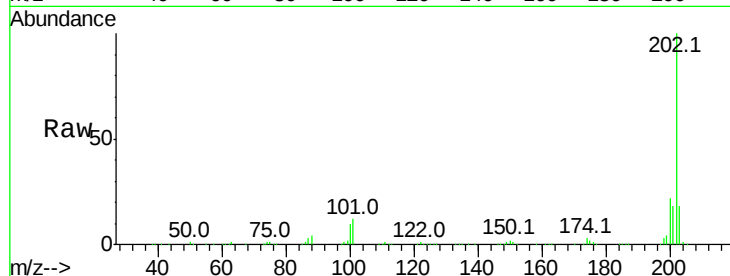




#77
Pvrene
Concen: 37.210 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

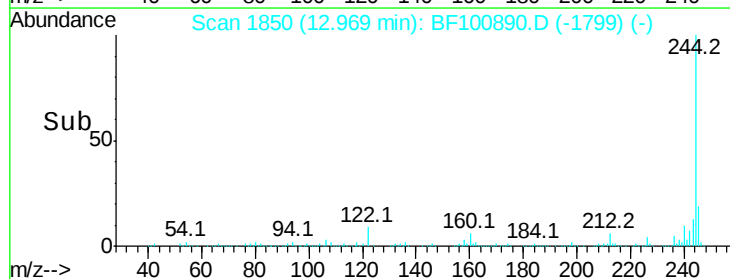
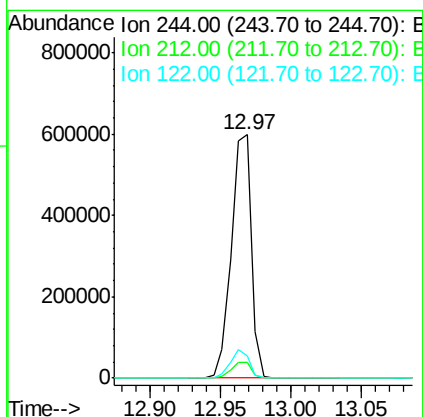
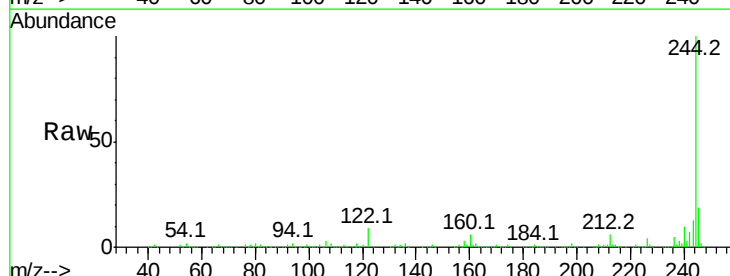
Instrument :
BNA_F
ClientSampleId :

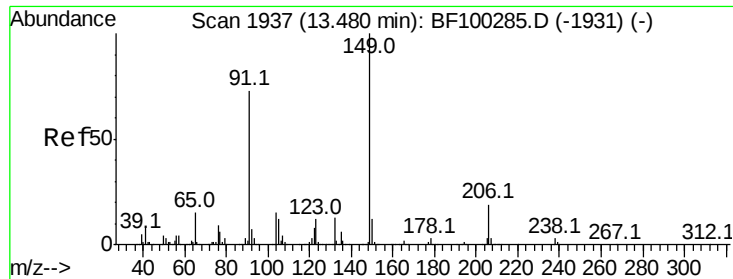
Tot Ion:202 Resp: 452827
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 79.630 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion:244 Resp: 591652
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 9.3 11.0 16.4#

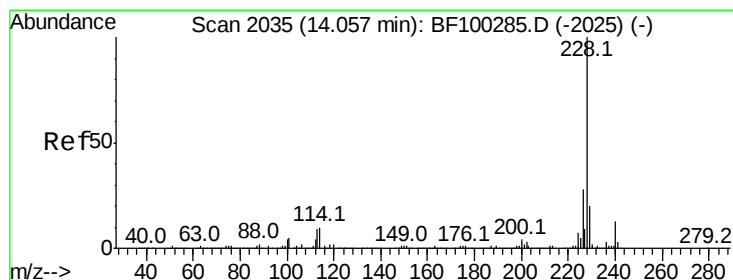
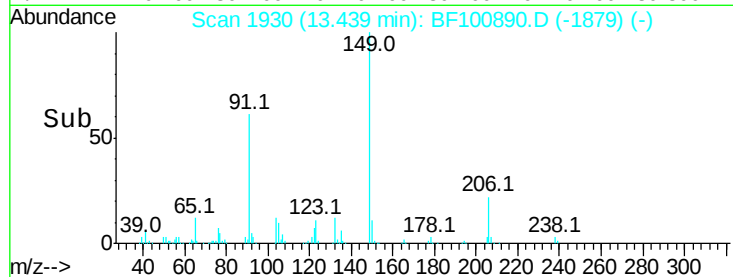
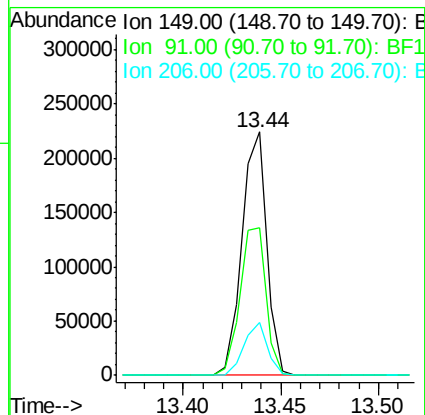
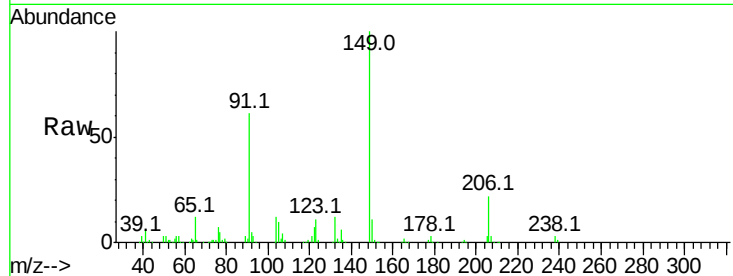




#79
Butylbenzylphthalate
Concen: 39.839 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

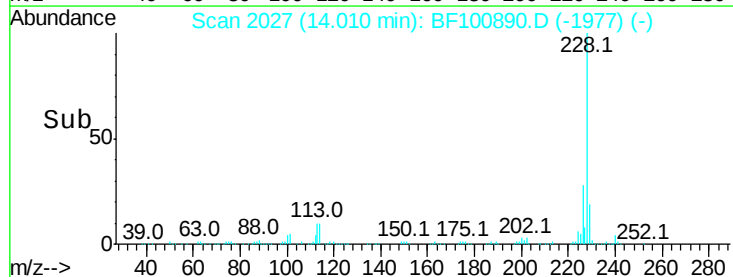
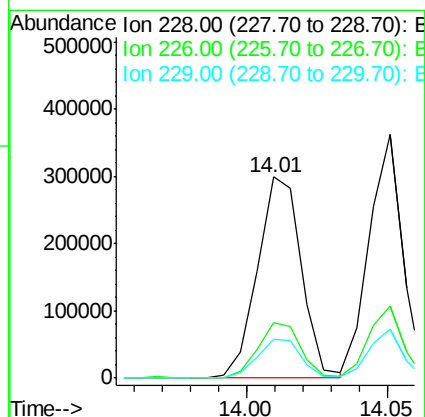
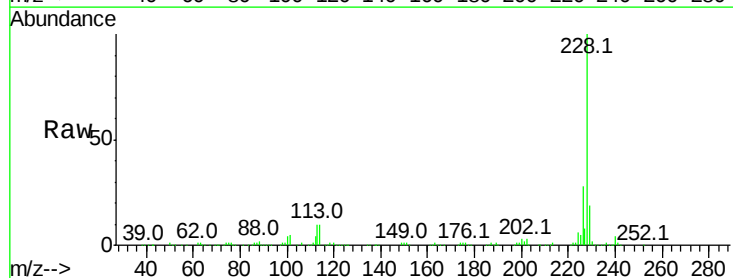
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.9	56.8	85.2
206	21.6	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 31.351 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100890.D
Acq: 27 Nov 2017 14:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.3	15.8	23.6

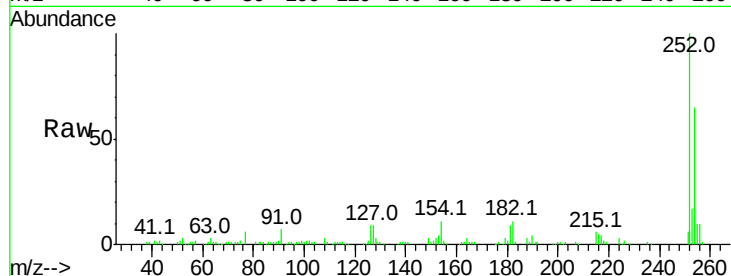




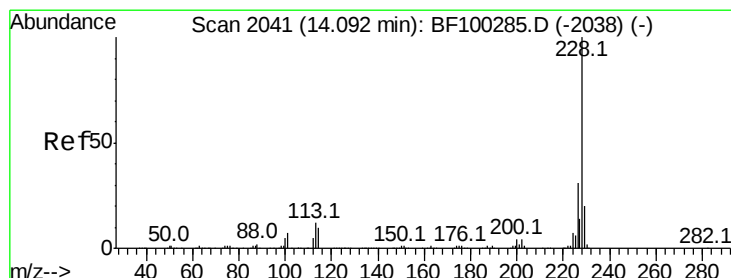
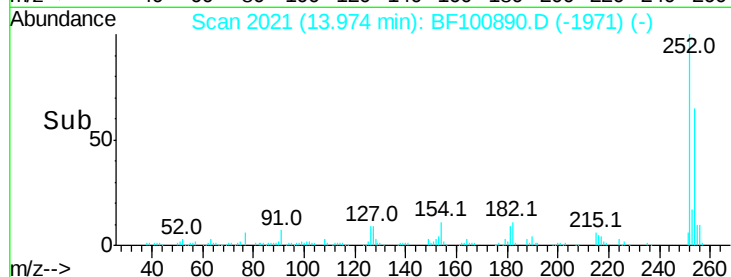
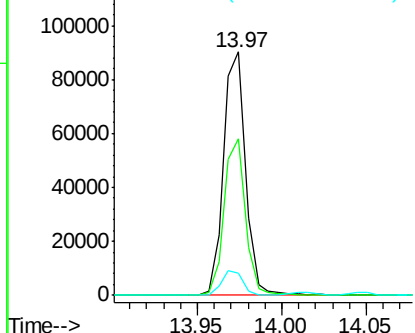
#81
 3,3'-Dichlorobenzidine
 Concen: 22.216 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 81830
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 9.0 11.3 16.9#

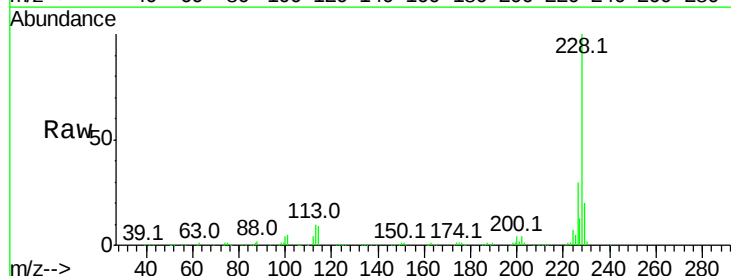


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

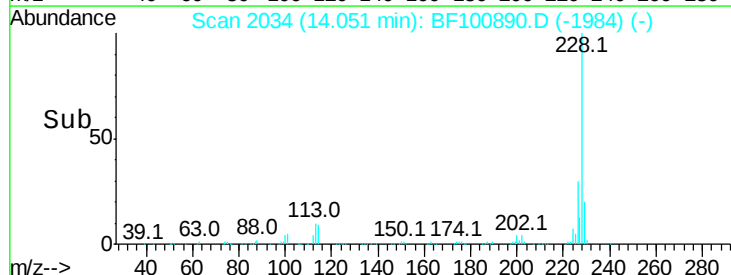
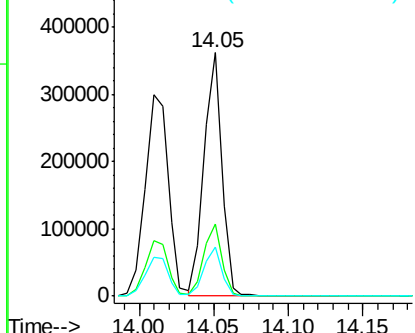


#82
 Chrysene
 Concen: 30.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion:228 Resp: 298669
 Ion Ratio Lower Upper
 228 100
 226 29.5 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

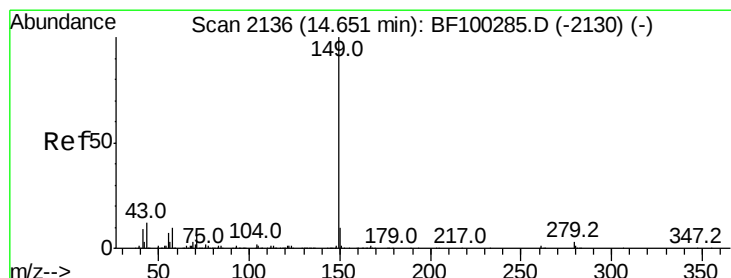
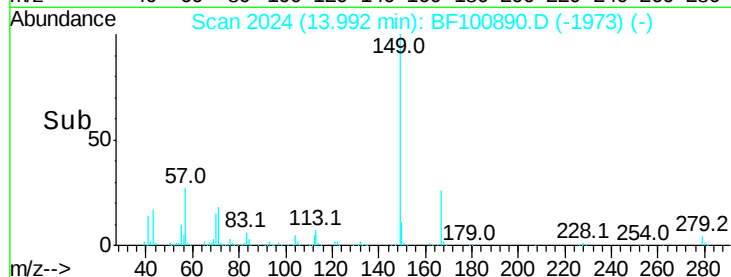
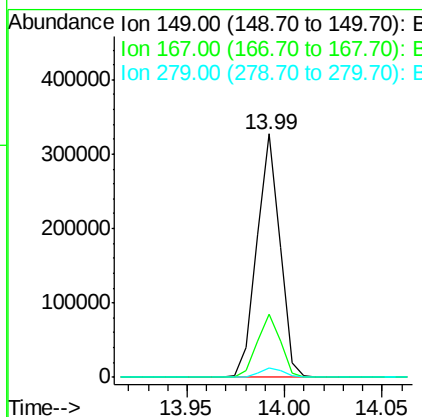
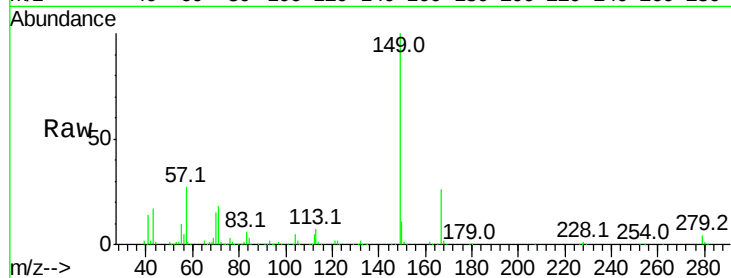




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.152 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

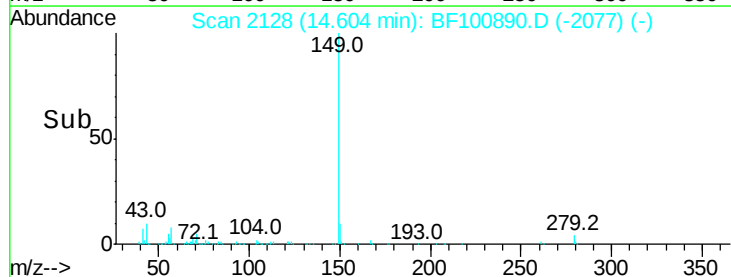
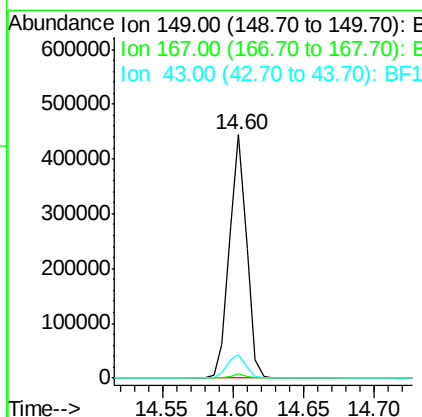
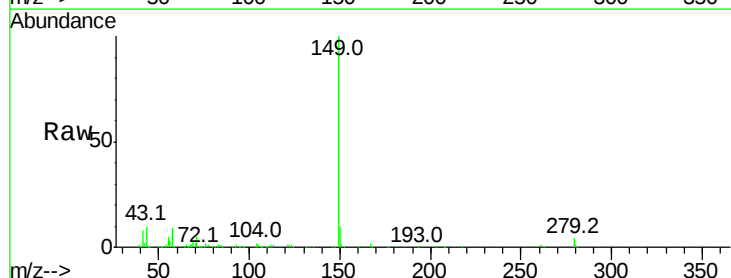
Instrument :
 BNA_F
 ClientSampleId :

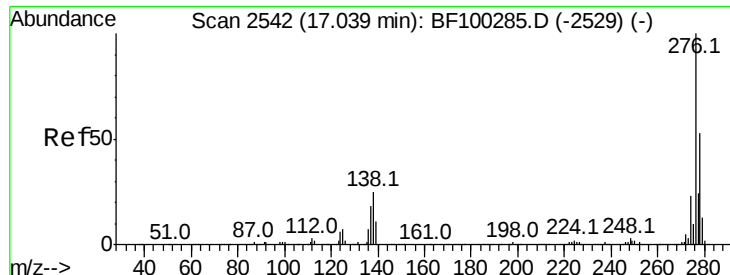
Tot Ion:149 Resp: 268622
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 33.603 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion:149 Resp: 376814
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.8 8.4 12.6

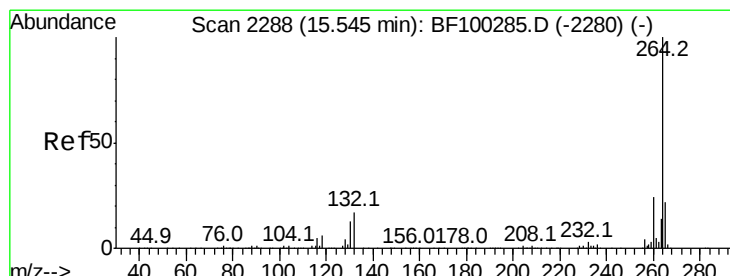
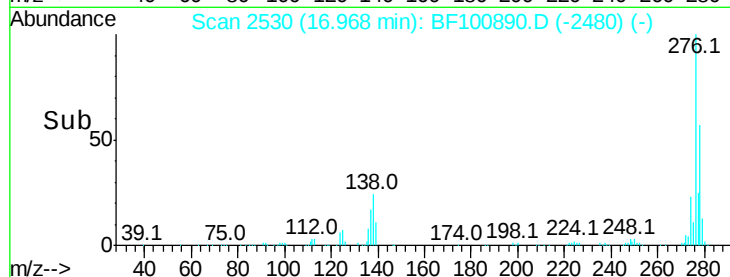
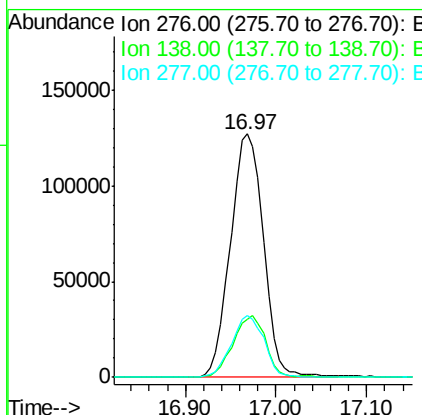
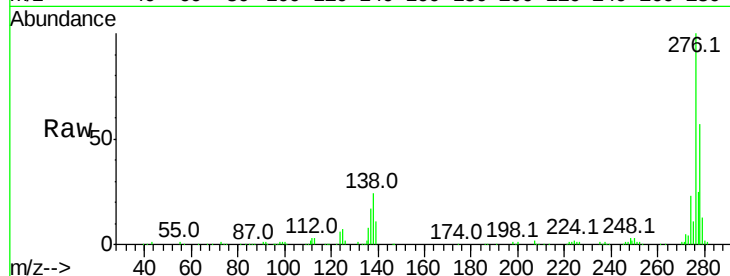




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.094 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

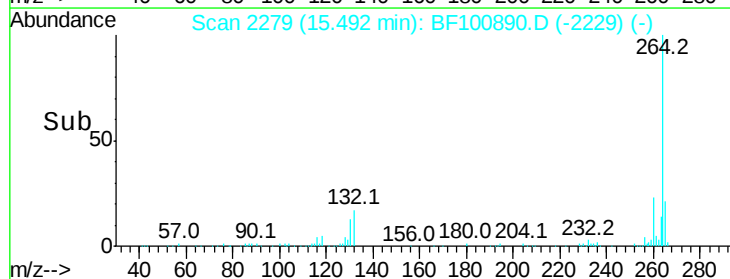
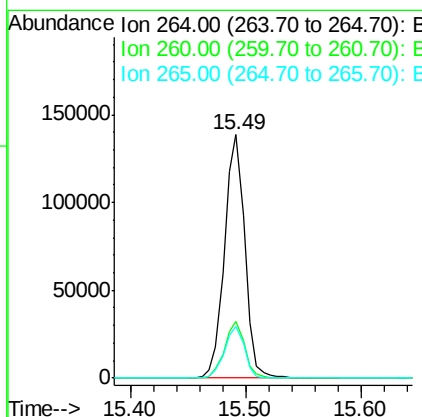
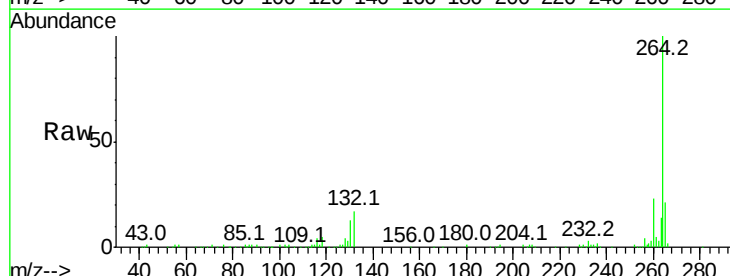
Instrument :
 BNA_F
 ClientSampleId :

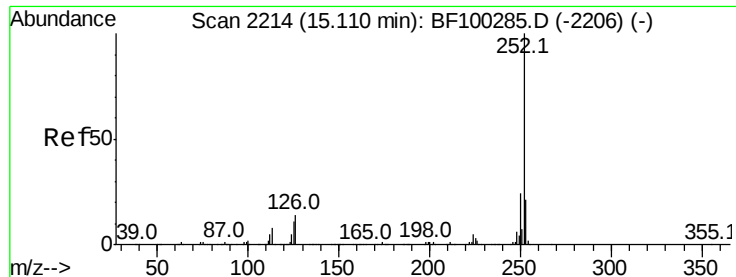
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF100890.D
 Acq: 27 Nov 2017 14:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 28.333 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF100890.D

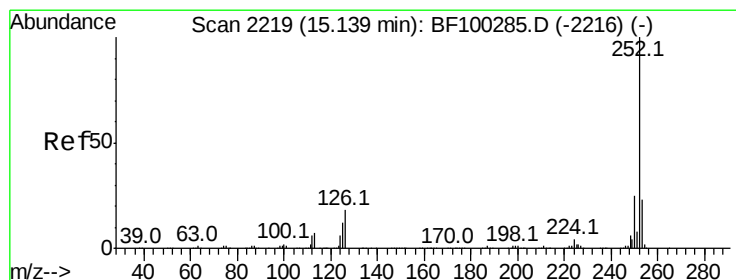
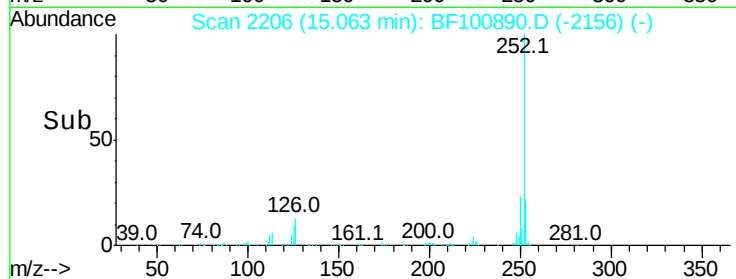
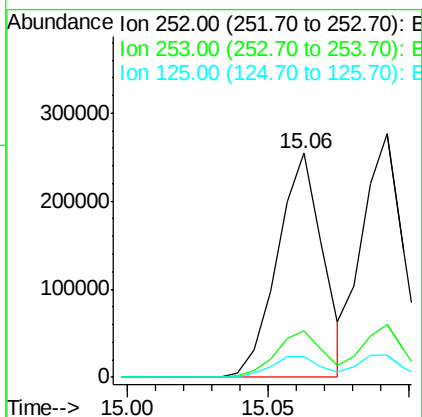
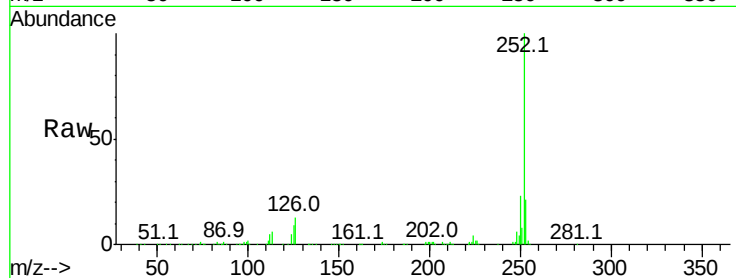
Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	283890
Ion Ratio	Lower	Upper
252	100	
253	20.6	17.0 25.6
125	9.4	9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 29.246 ng

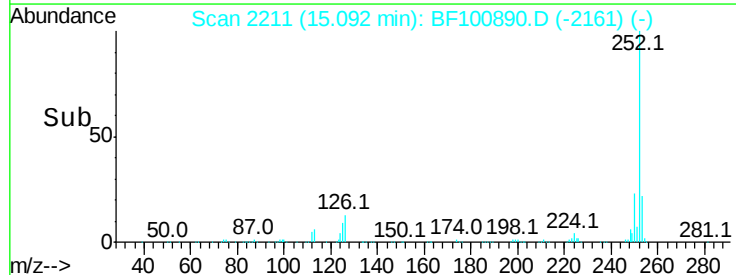
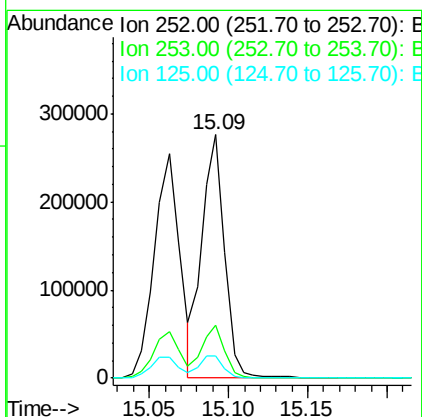
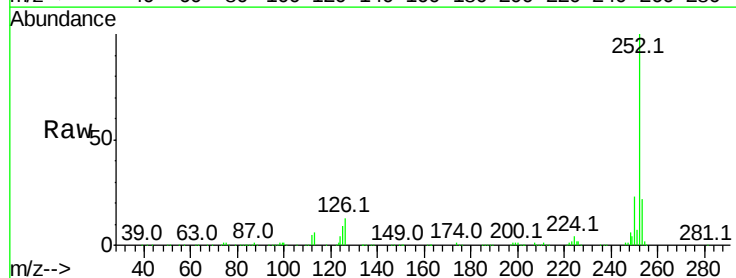
RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Tgt Ion:252	Resp:	276879
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.9 26.9
125	9.2	10.2 15.2#





#89

Benzo(a)pyrene

Concen: 31.172 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

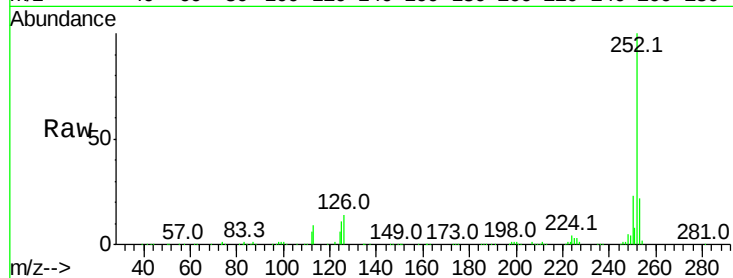
Tot Ion:252 Resp: 276903

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

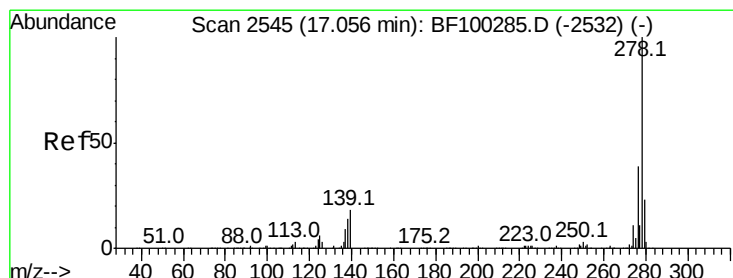
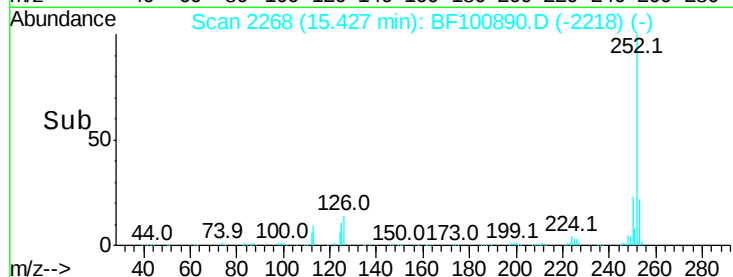
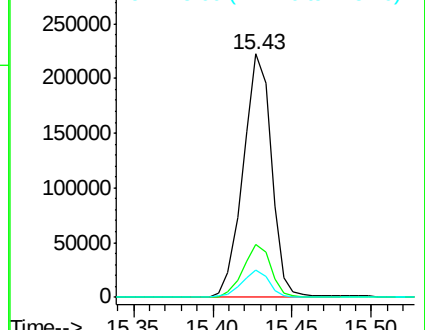
125 11.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.109 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

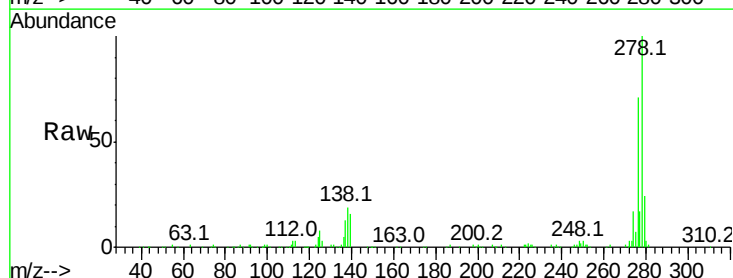
Tgt Ion:278 Resp: 269579

Ion Ratio Lower Upper

278 100

139 15.9 15.9 23.9#

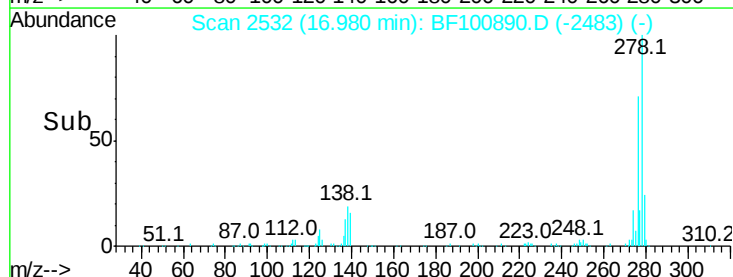
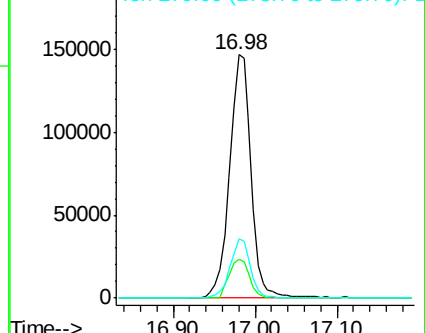
279 24.3 19.0 28.4

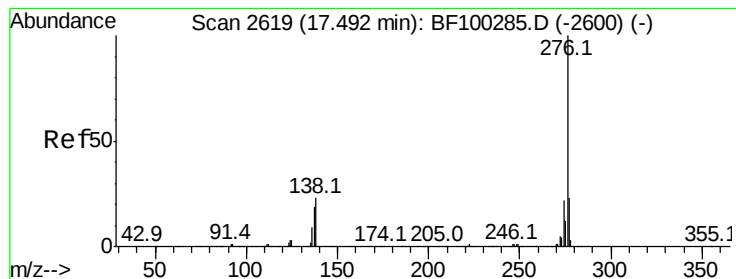


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.103 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BF100890.D

Acq: 27 Nov 2017 14:25

Instrument :

BNA_F

ClientSampleId :

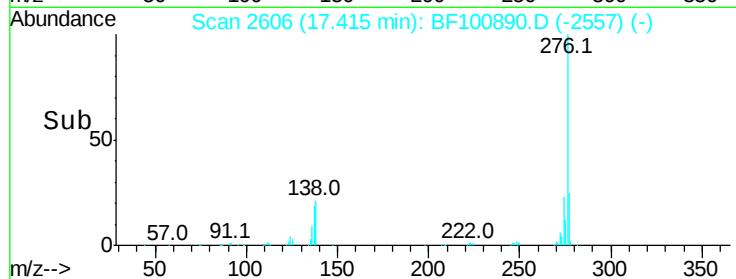
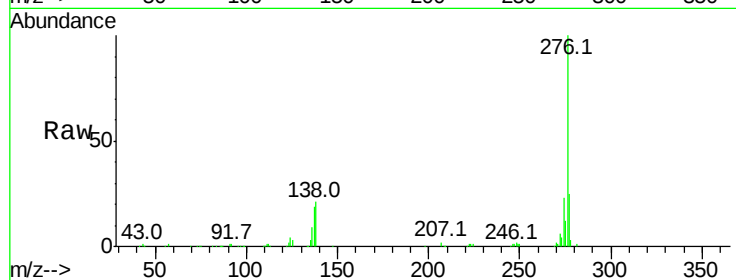
Tot Ion: 276 Resp: 263847

Ion Ratio Lower Upper

276 100

277 25.0 17.9 26.9

138 21.2 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

