

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100868.D
 Acq On : 23 Nov 2017 11:59
 Operator : SJ/JU
 Sample : I6541-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:53:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	77247	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	295228	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	133713	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	231066	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	149653	20.00	ng	-0.02
86) Perylene-d12	15.49	264	161082	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	192113	39.87	ng	-0.02
7) Phenol-d6	6.48	99	142116	23.92	ng	-0.03
23) Nitrobenzene-d5	7.42	82	463227	103.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	124995	91.74	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	896984	102.15	ng	-0.02
78) Terphenyl-d14	12.97	244	617442	94.80	ng	-0.02

Target Compounds				Qvalue		
6) Aniline	6.49	93	152	0.018	ng	# 1
9) Benzaldehyde	6.63	77	6949	1.637	ng	# 84
10) Phenol	6.49	94	9639	1.545	ng	# 95
11) bis(2-Chloroethyl)ether	6.63	93	410	0.078	ng	# 1
15) Benzyl Alcohol	7.02	79	7175	1.547	ng	# 45
19) n-Nitroso-di-n-propylamine	7.42	70	61875	15.014	ng	# 79
24) Nitrobenzene	7.42	77	1212	0.264	ng	# 29
25) Isophorone	7.42	82	463222	49.364	ng	# 64
45) 1,1'-Biphenyl	9.22	154	1623	0.140	ng	# 1
47) 2-Nitroaniline	9.22	65	1036	3.178	ng	# 20
49) Dimethylphthalate	9.60	163	14754	1.445	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	16209	8.021	ng	# 24
51) Acenaphthene	9.90	154	389	0.046	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	16209	6.358	ng	# 21
57) Fluorene	10.68	166	5620	0.647	ng	# 85
59) Diethylphthalate	10.30	149	1911	0.187	ng	# 89
62) Azobenzene	10.68	77	457	0.047	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3792	0.472	ng	# 36
66) 4-Bromophenyl-phenvlether	10.69	248	7902	3.190	ng	# 1
70) Phenanthrene	11.40	178	116	0.010	ng	# 59
71) Anthracene	11.40	178	116	0.009	ng	# 60
73) Di-n-butylphthalate	11.93	149	1183	0.089	ng	# 78
76) Benzidine	12.97	184	7379	1.231	ng	# 92
77) Pyrene	12.97	202	2024	0.190	ng	# 77
80) Benzo(a)anthracene	14.02	228	400	0.044	ng	# 51
82) Chrysene	14.04	228	155	0.018	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	1005	0.176	ng	# 53
84) Di-n-octyl phthalate	14.60	149	255	0.026	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.96	276	117	0.017	ng	# 46
87) Benzo(b)fluoranthene	15.06	252	687	0.072	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	451	0.050	ng	# 59
89) Benzo(a)pyrene	15.49	252	491	0.058	ng	# 60

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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 23 23:53:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

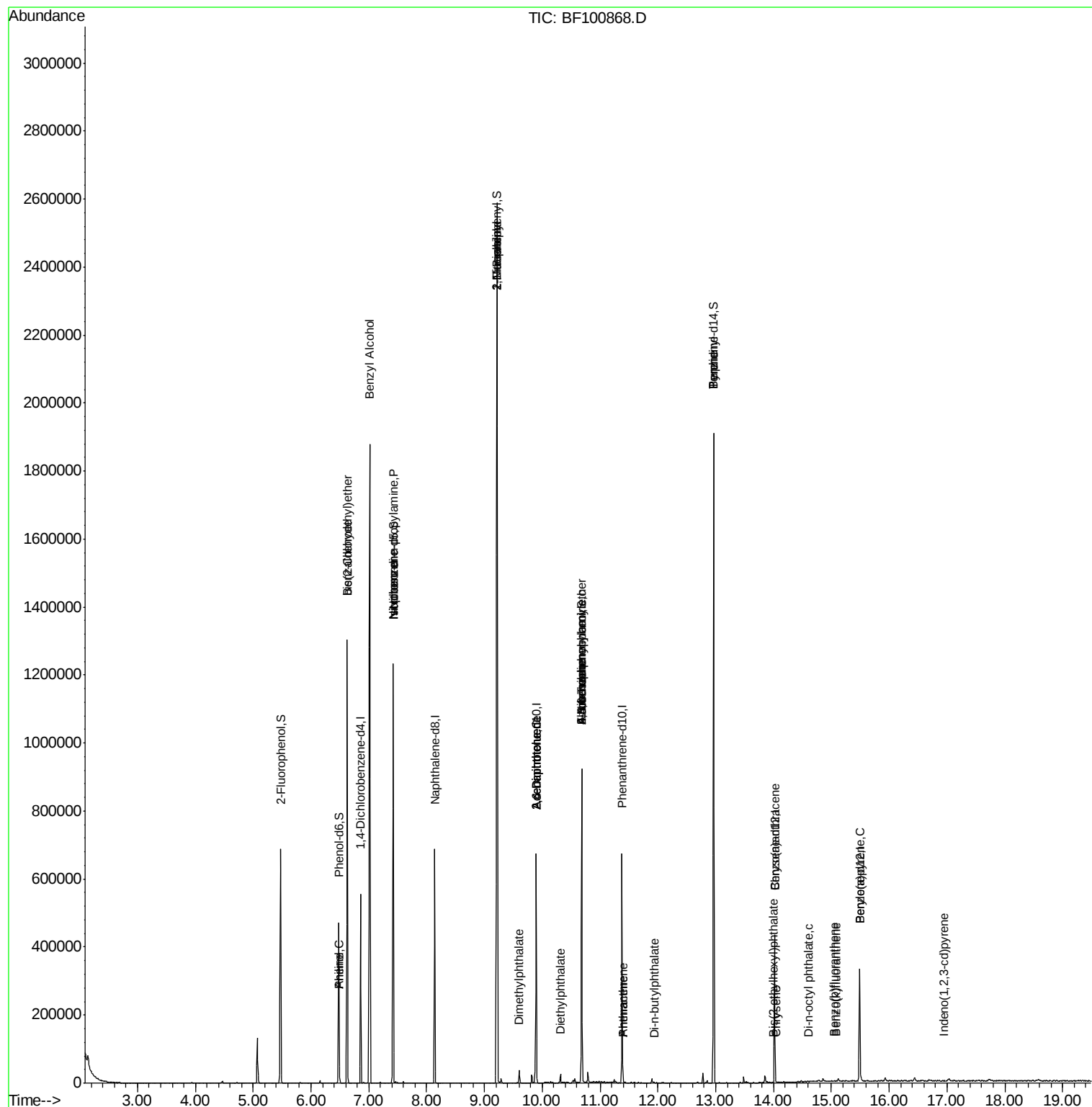
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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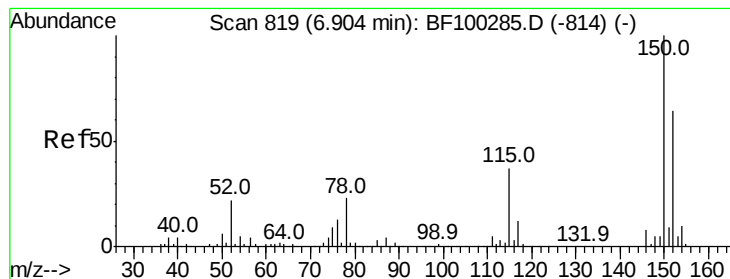
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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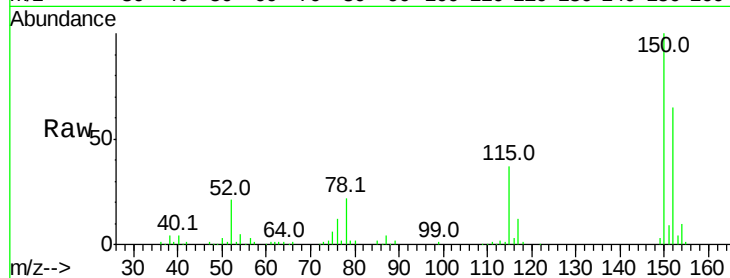


#1

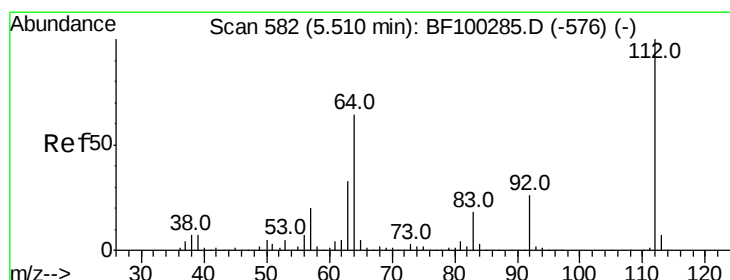
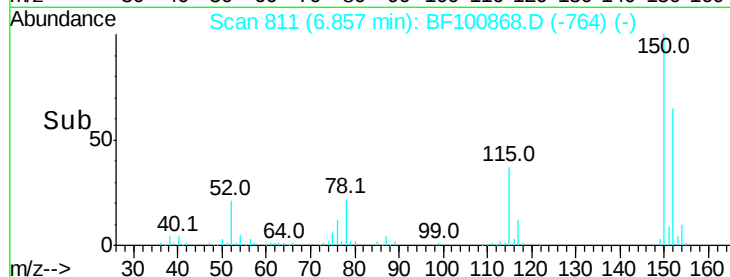
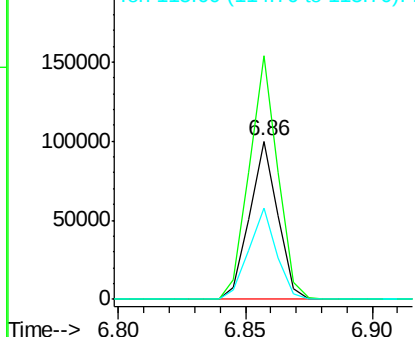
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77247
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 57.3 50.1 75.1



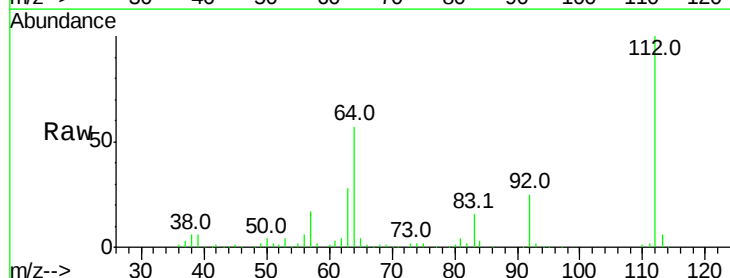
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



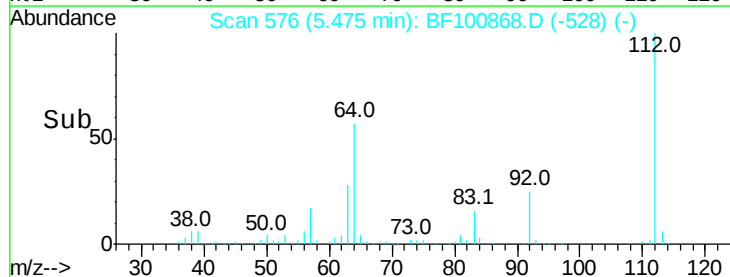
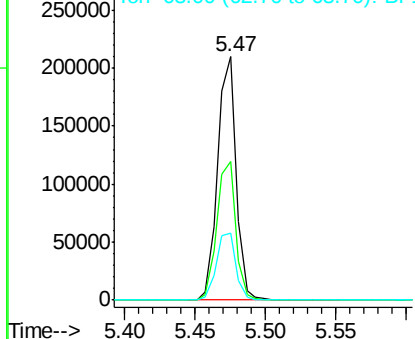
#5

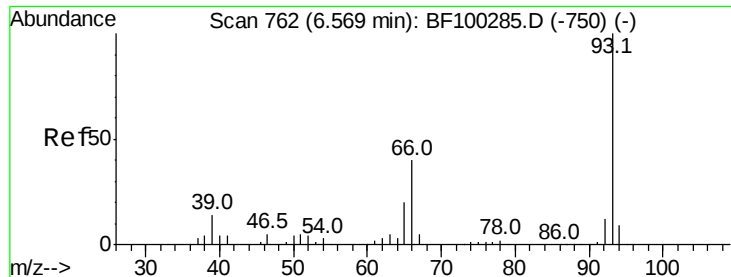
2-Fluorophenol
Concen: 39.866 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Tgt Ion:112 Resp: 192113
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 27.7 23.7 35.5



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





#6

Aniline

Concen: 0.018 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampleId :

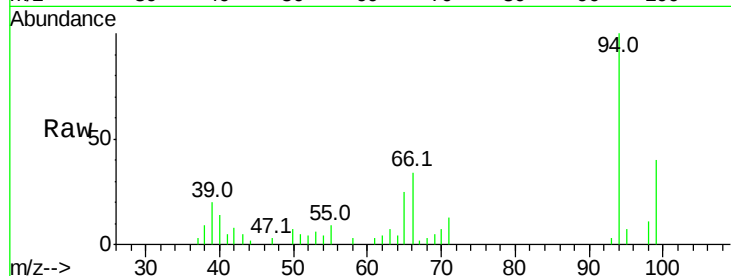
Tot Ion: 93 Resp: 152

Ion Ratio Lower Upper

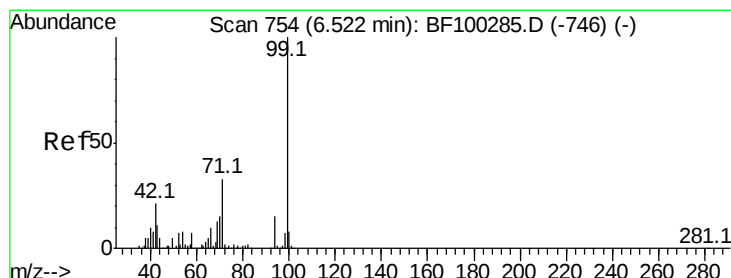
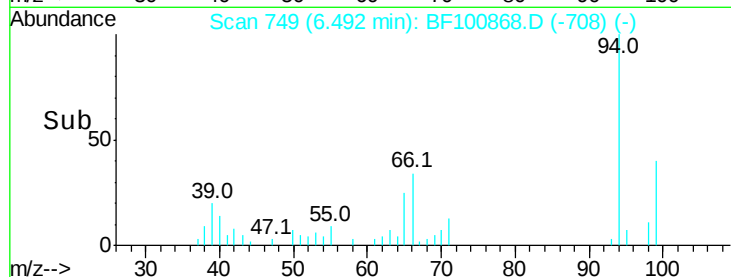
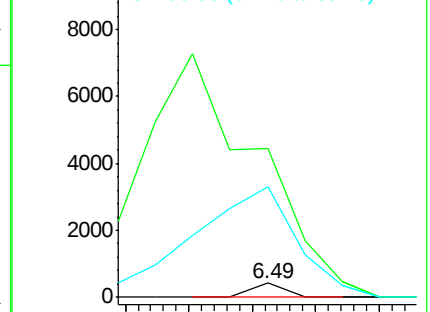
93 100

66 1034.9 32.2 48.2#

65 770.7 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 23.916 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

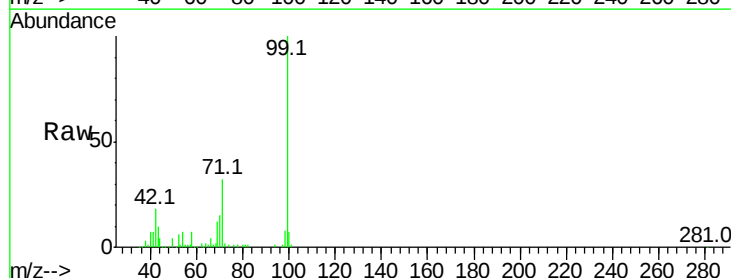
Tgt Ion: 99 Resp: 142116

Ion Ratio Lower Upper

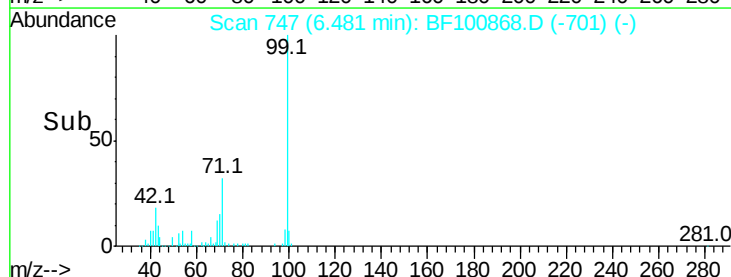
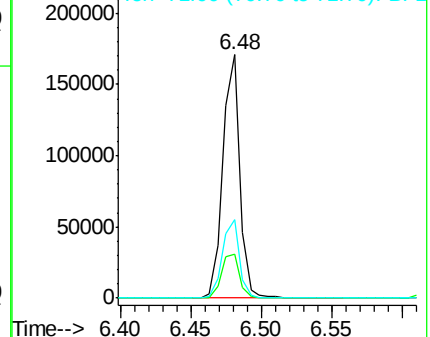
99 100

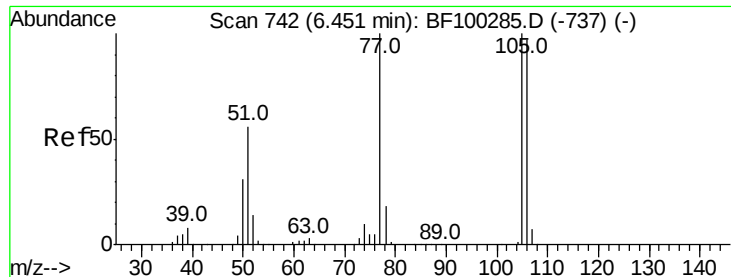
42 18.0 14.5 21.7

71 32.3 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





#9

Benzaldehyde

Concen: 1.637 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampled :

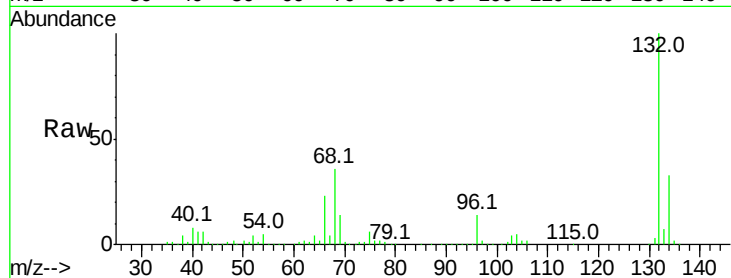
Tot Ion: 77 Resp: 6949

Ion Ratio Lower Upper

77 100

105 80.3 81.1 121.1#

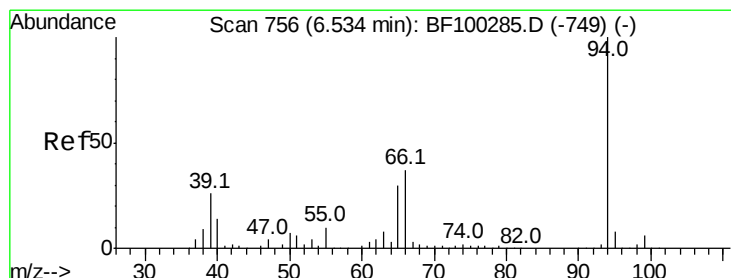
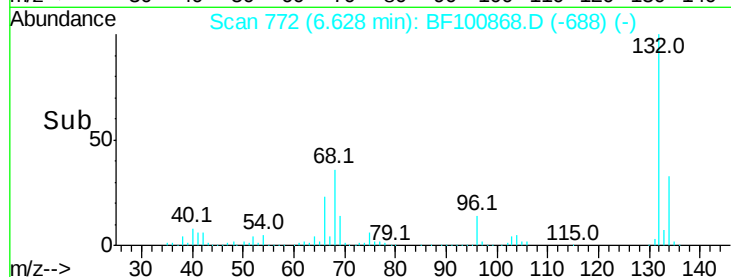
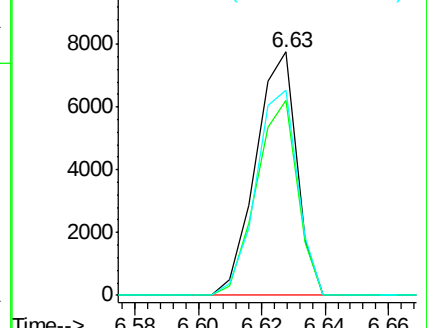
106 84.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.545 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

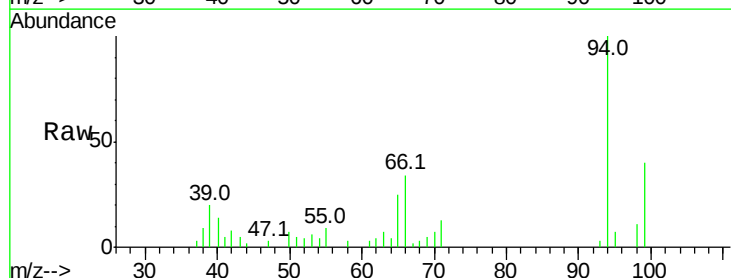
Tgt Ion: 94 Resp: 9639

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

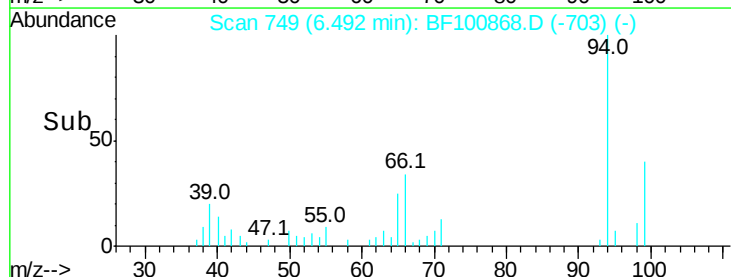
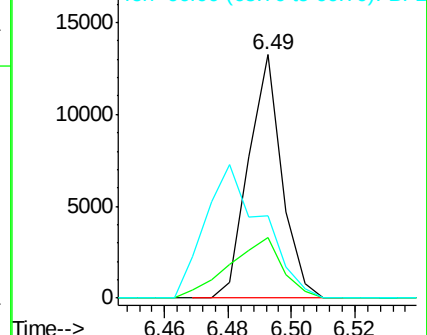
66 33.6 16.2 56.2

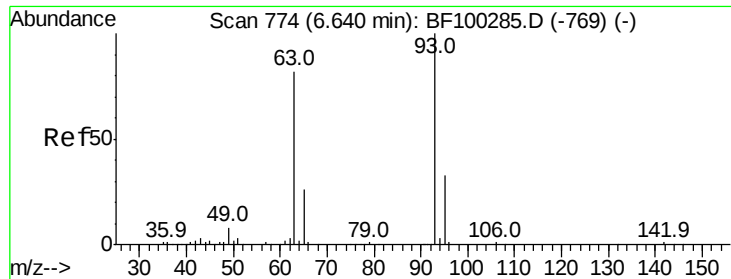


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.078 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampleId :

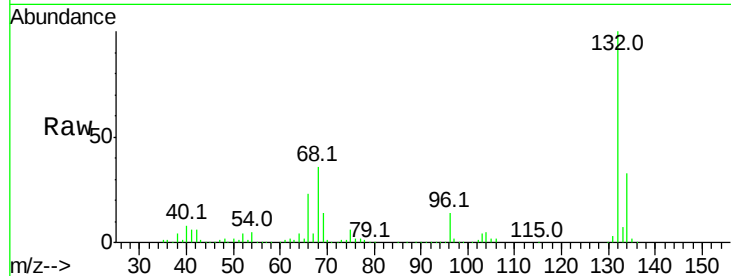
Tot Ion: 93 Resp: 410

Ion Ratio Lower Upper

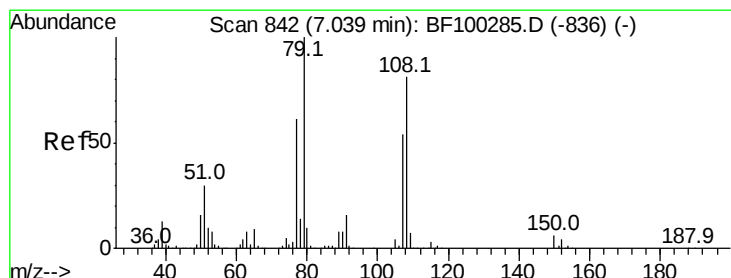
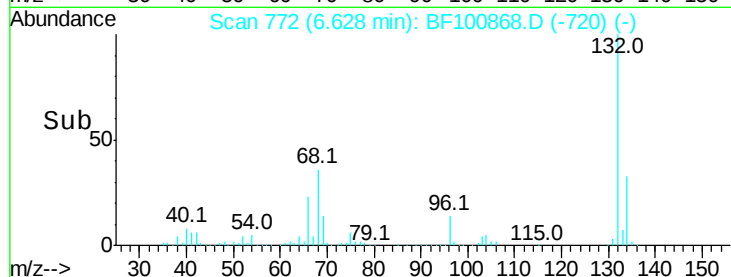
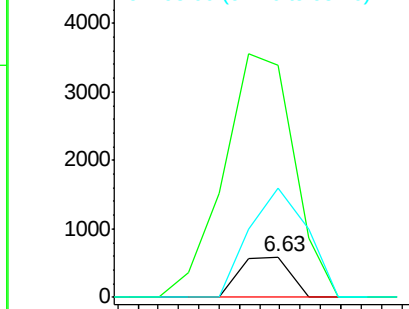
93 100

63 576.1 58.6 98.6#

95 272.4 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



#15

Benzyl Alcohol

Concen: 1.547 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

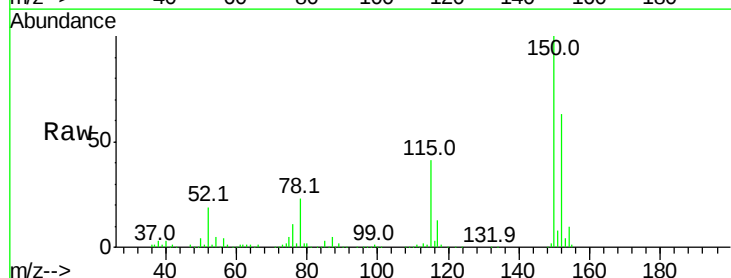
Tgt Ion: 79 Resp: 7175

Ion Ratio Lower Upper

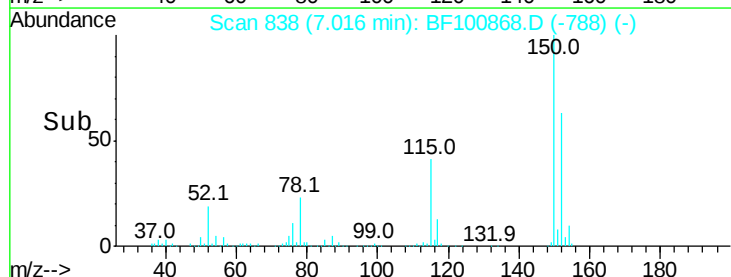
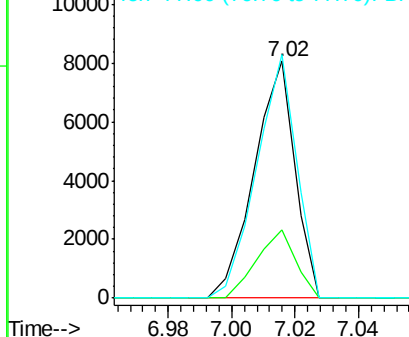
79 100

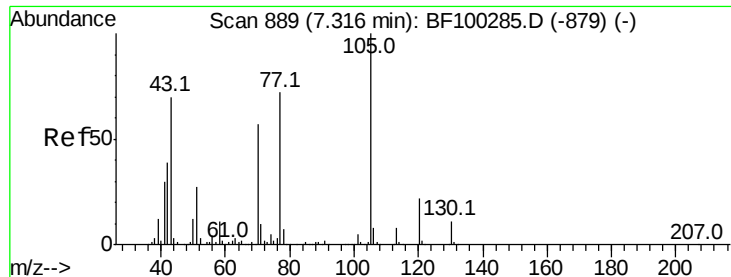
108 28.9 65.1 97.7#

77 102.9 50.6 75.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 15.014 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 61875

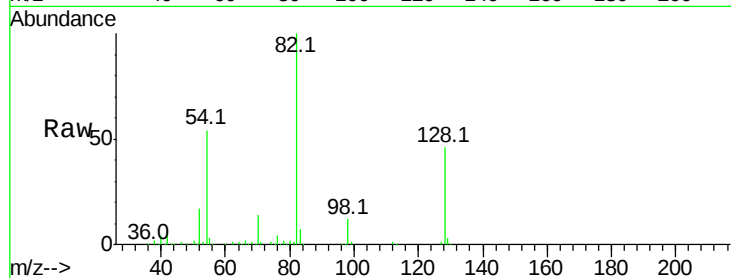
Ion Ratio Lower Upper

70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

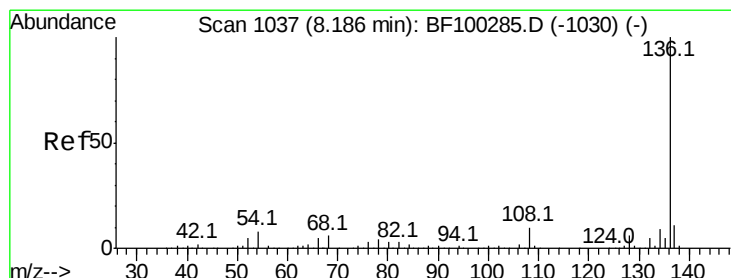
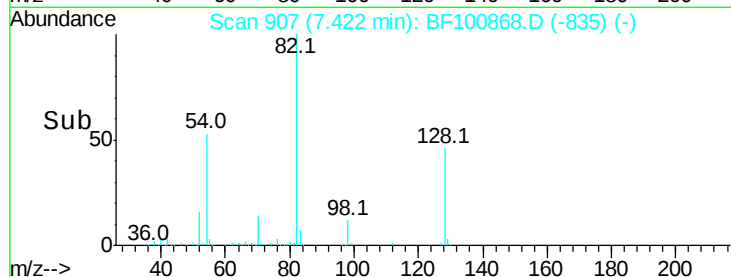
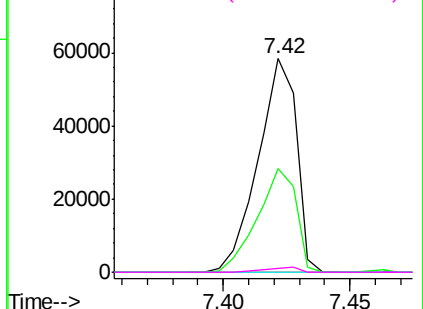


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Tgt Ion:136 Resp: 295228

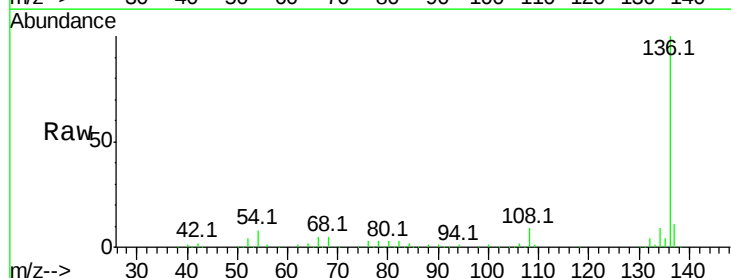
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 5.0 5.0 7.4

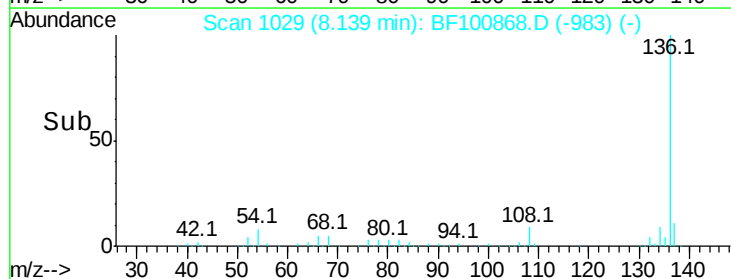
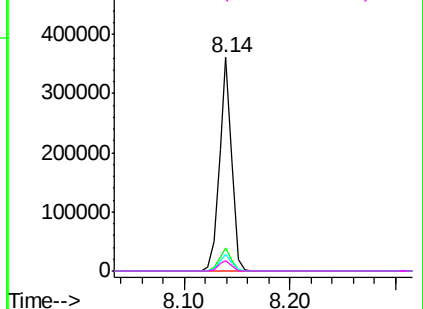


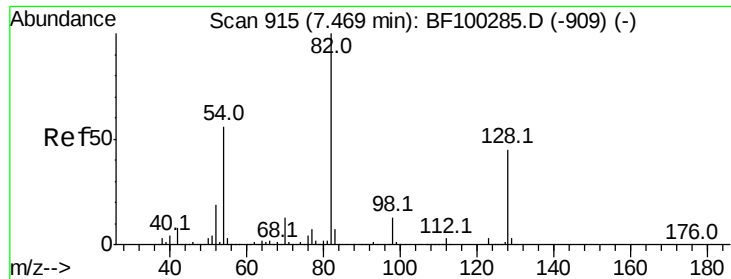
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

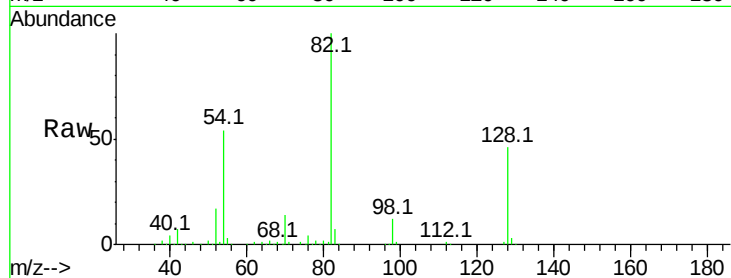




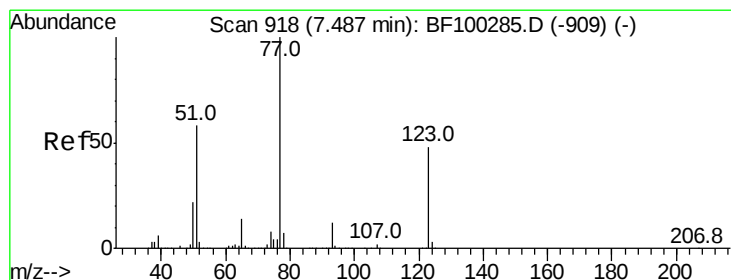
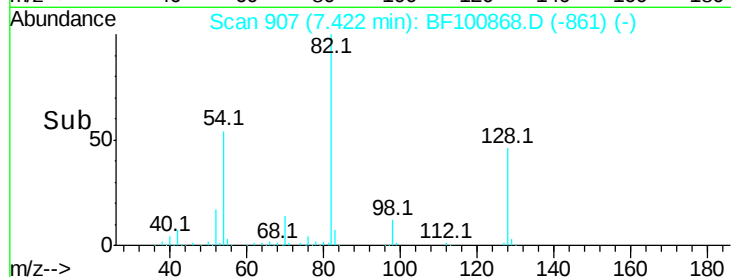
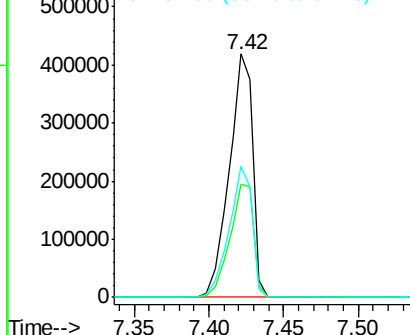
#23
Nitrobenzene-d5
Concen: 103.735 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 463227
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 53.8 41.4 62.2

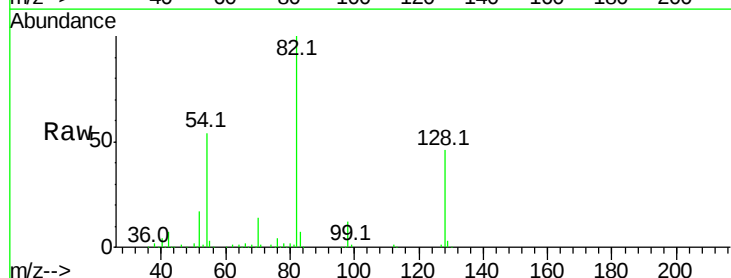


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

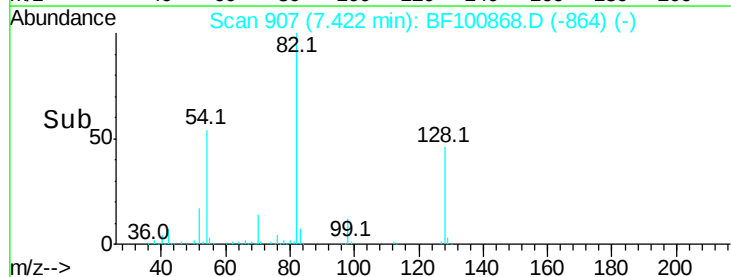
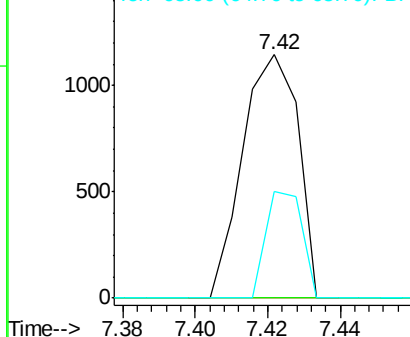


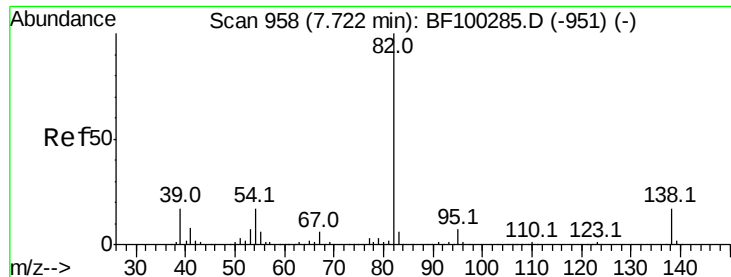
#24
Nitrobenzene
Concen: 0.264 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Tgt Ion: 77 Resp: 1212
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 43.7 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

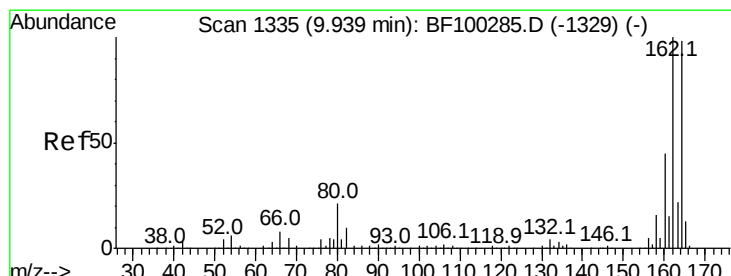
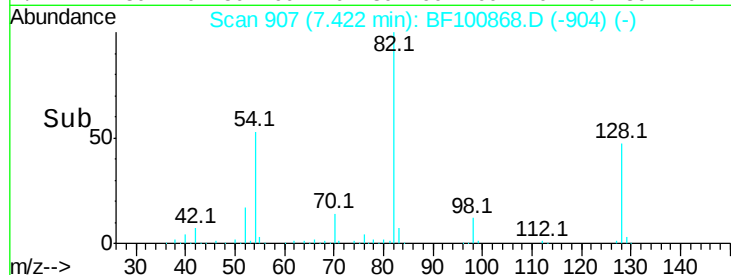
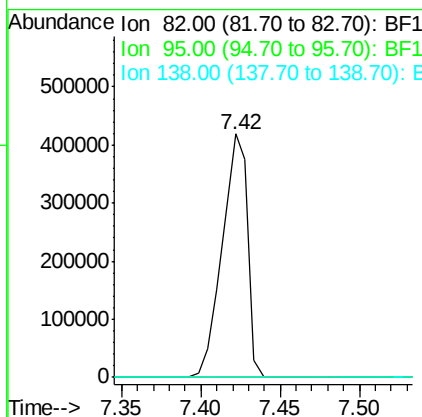
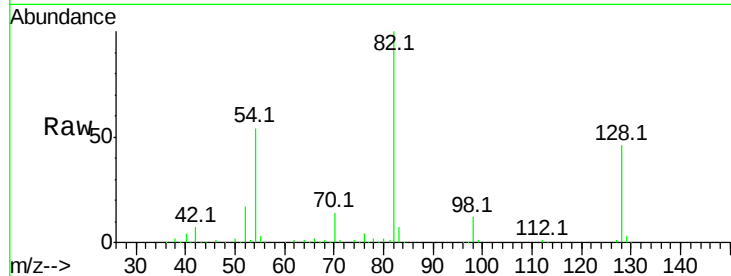




#25
Isophorone
Concen: 49.364 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

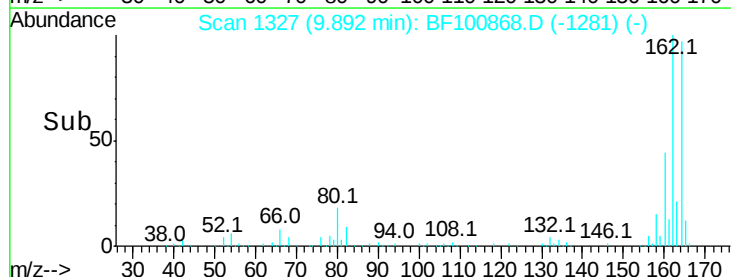
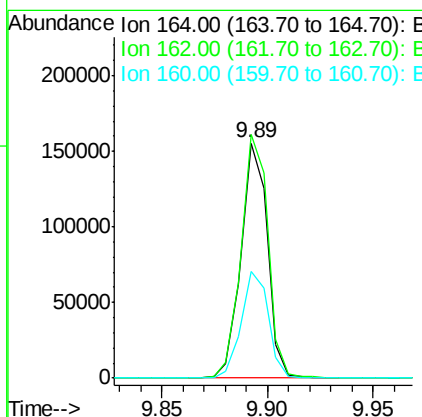
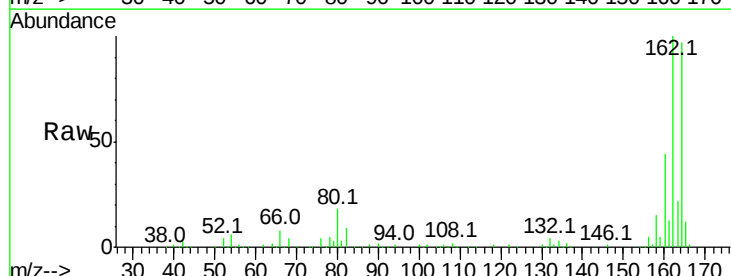
Instrument :
BNA_F
ClientSampleId :

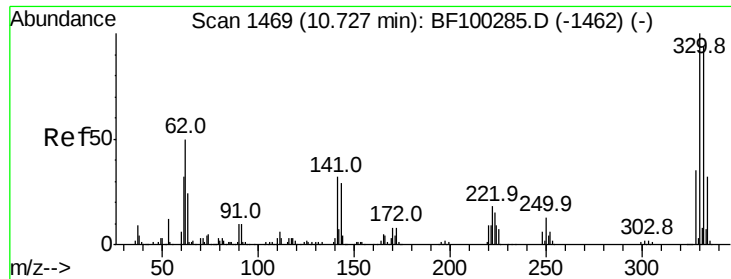
Tot Ion: 82 Resp: 463222
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Tgt Ion:164 Resp: 133713
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 45.5 38.3 57.5

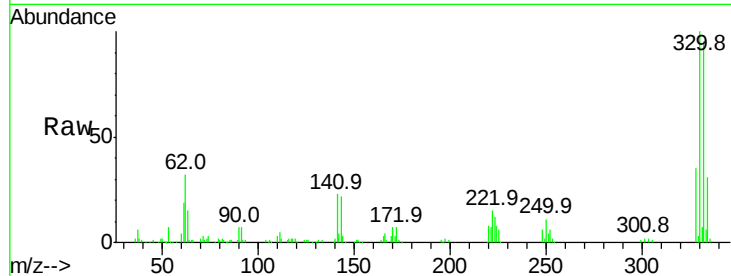




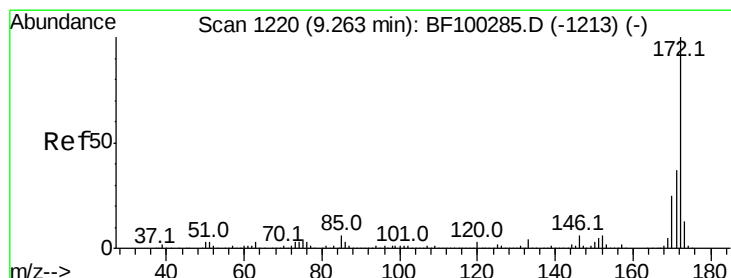
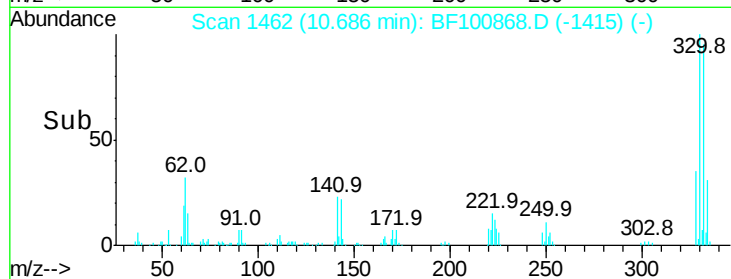
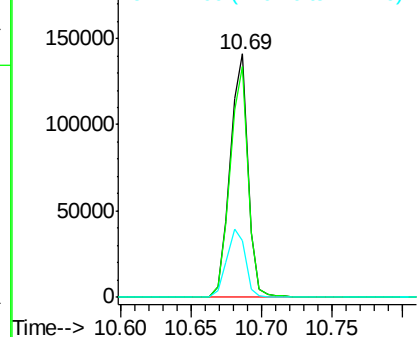
#41
 2,4,6-Tribromophenol
 Concen: 91.737 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100868.D
 Acq: 23 Nov 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	29.1	29.9	44.9#

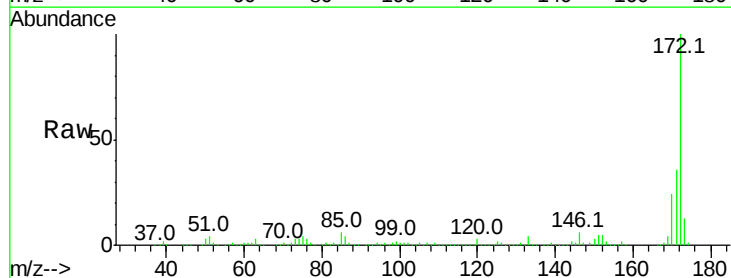


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

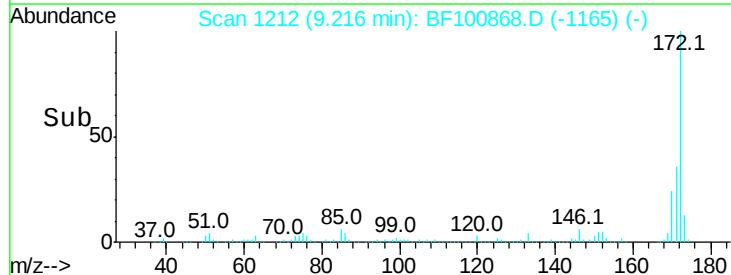
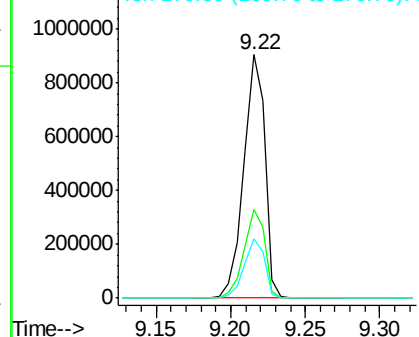


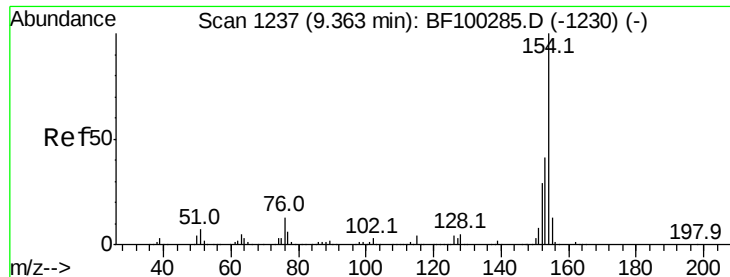
#44
 2-Fluorobiphenyl
 Concen: 102.148 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100868.D
 Acq: 23 Nov 2017 11:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 0.140 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.13 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampleId :

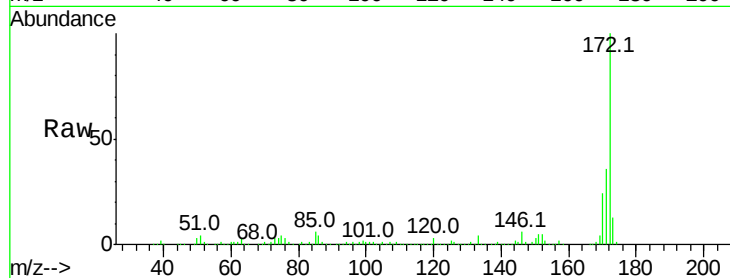
Tot Ion:154 Resp: 1623

Ion Ratio Lower Upper

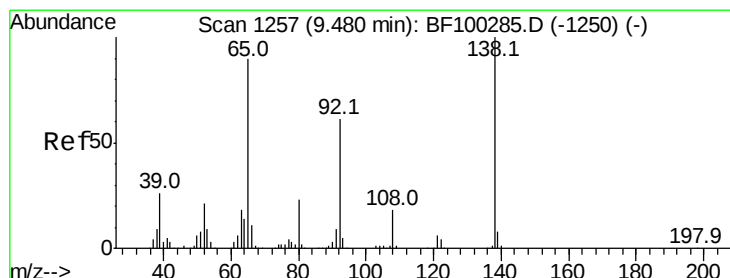
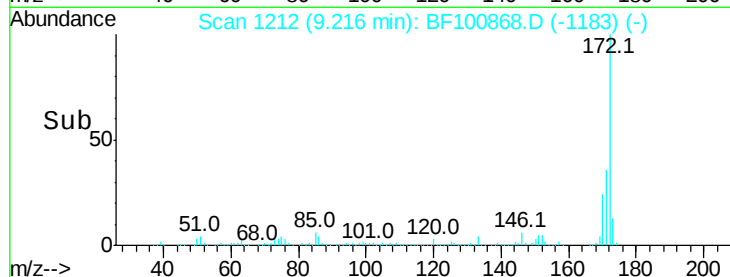
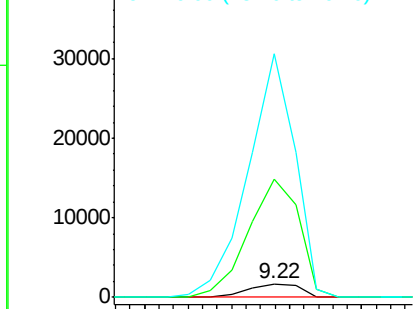
154 100

153 888.7 21.3 61.3#

76 1821.6 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



#47

2-Nitroaniline

Concen: 3.178 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

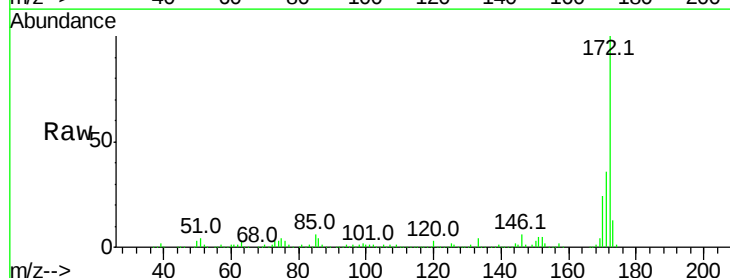
Tgt Ion: 65 Resp: 1036

Ion Ratio Lower Upper

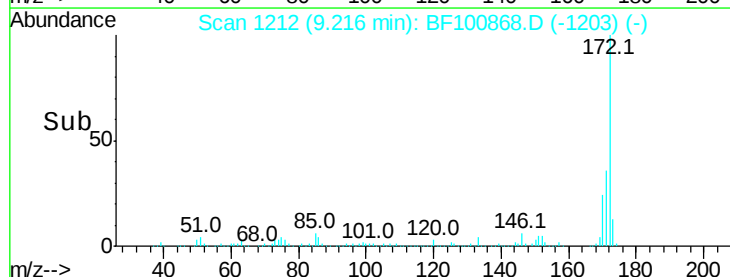
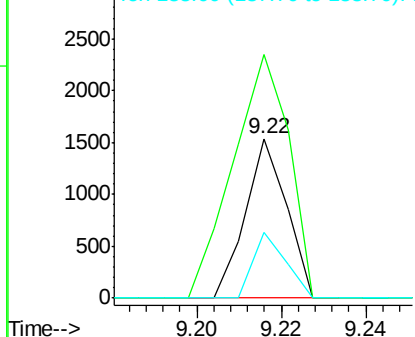
65 100

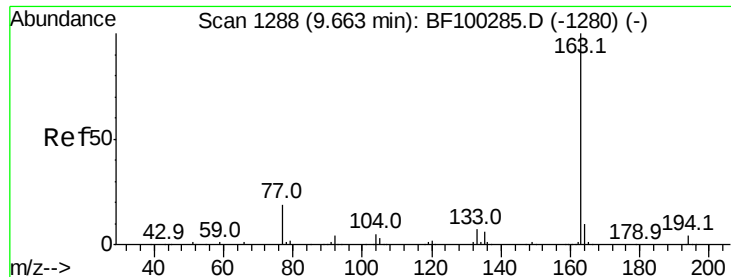
92 152.6 55.8 83.6#

138 41.3 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): E

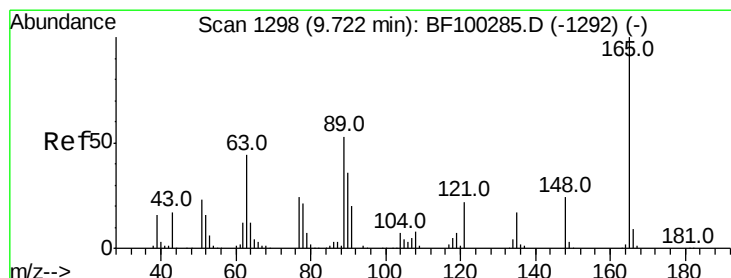
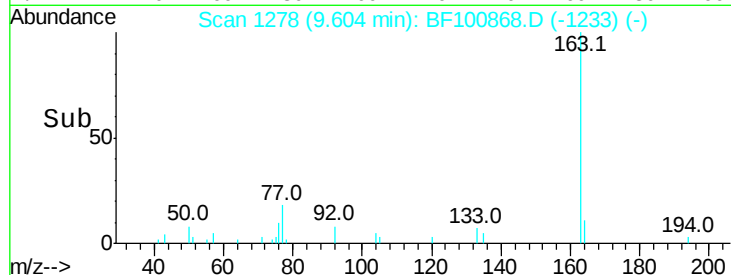
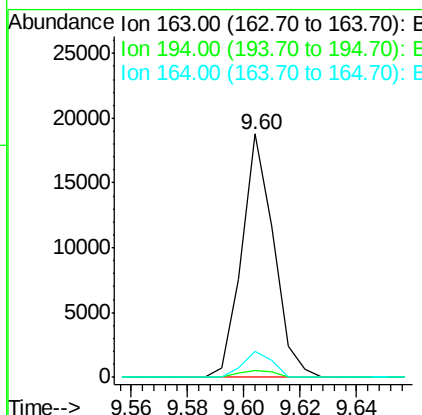
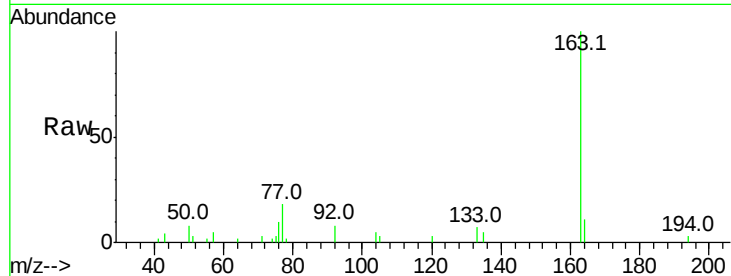




#49
Dimethylphthalate
Concen: 1.445 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

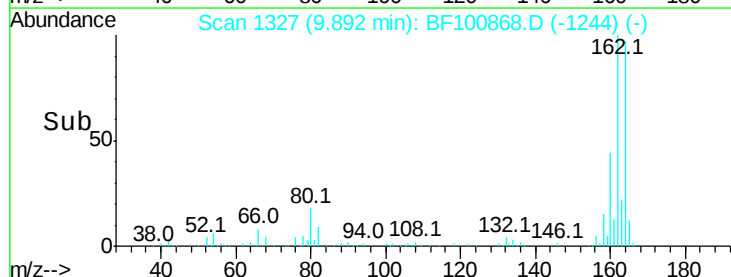
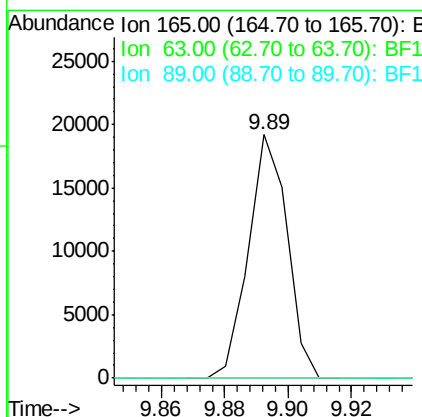
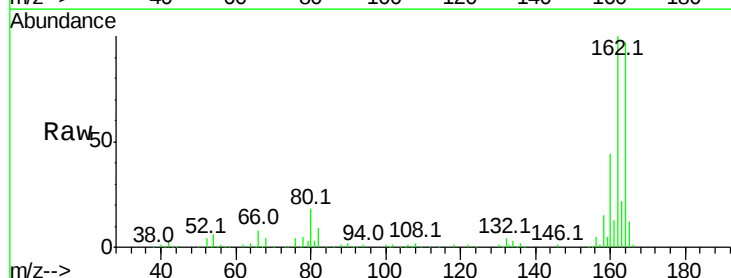
Instrument :
BNA_F
ClientSampled :

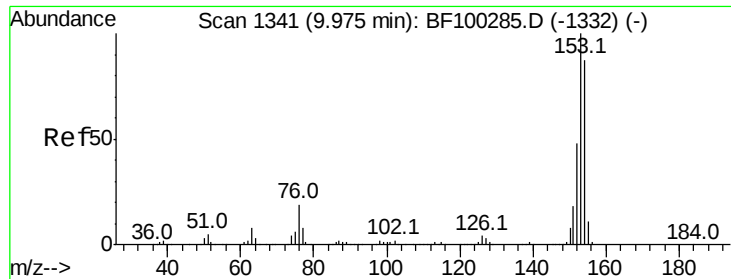
Tot Ion:163 Resp: 14754
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 10.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.021 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.19 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Tgt Ion:165 Resp: 16209
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#





#51

Acenaphthene

Concen: 0.046 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampleId :

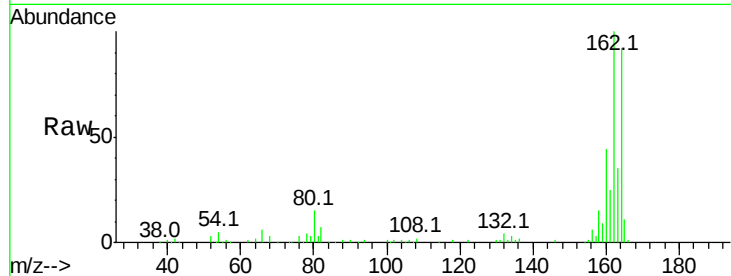
Tot Ion:154 Resp: 389

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

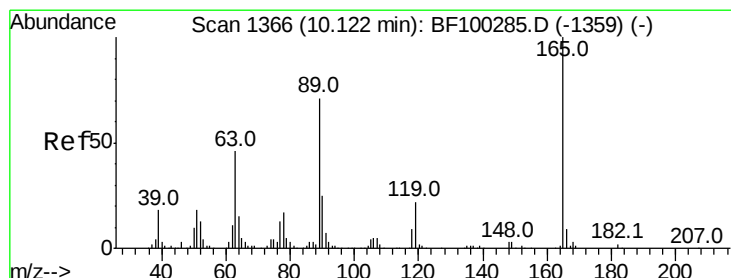
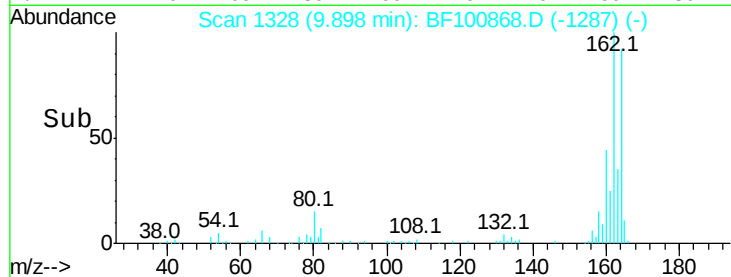
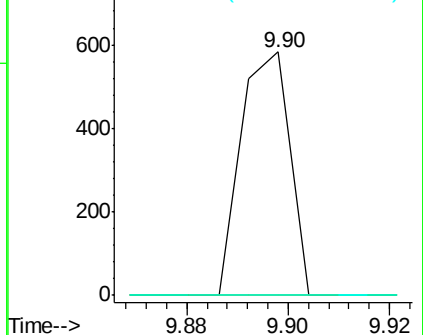
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.358 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.22 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Tgt Ion:165 Resp: 16209

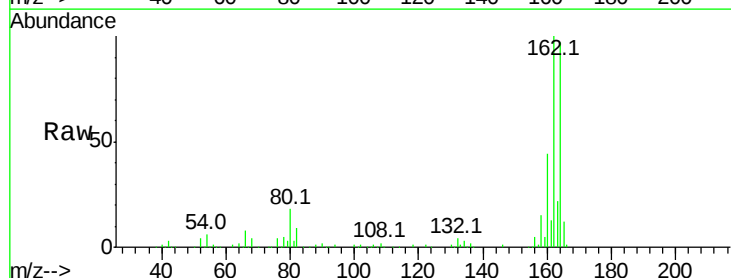
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

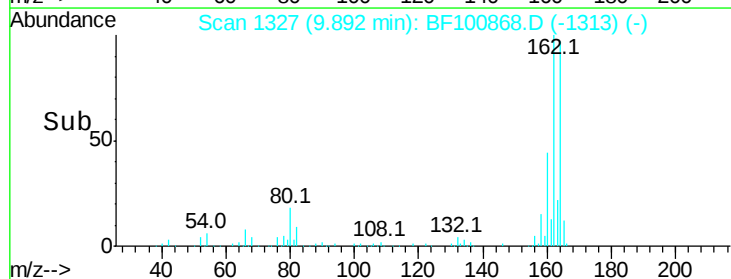
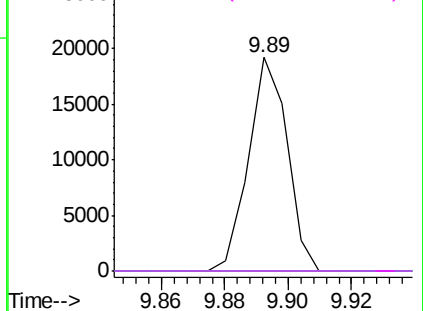


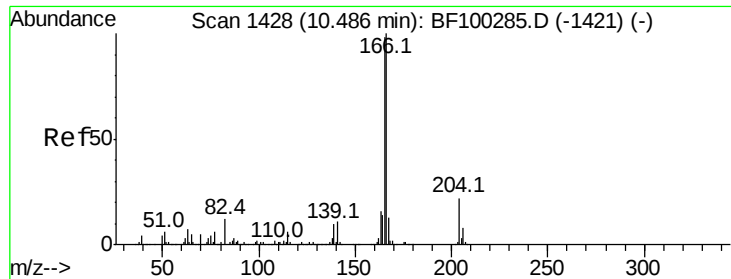
Abundance Ion 165.00 (164.70 to 165.70): E

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

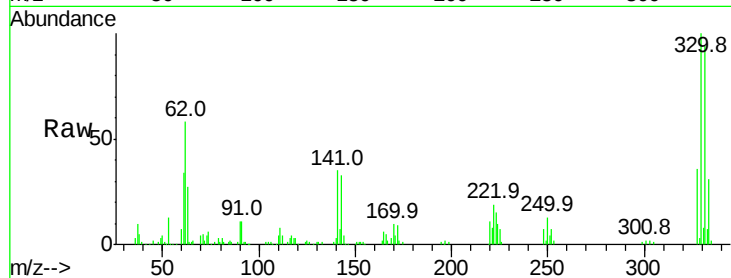




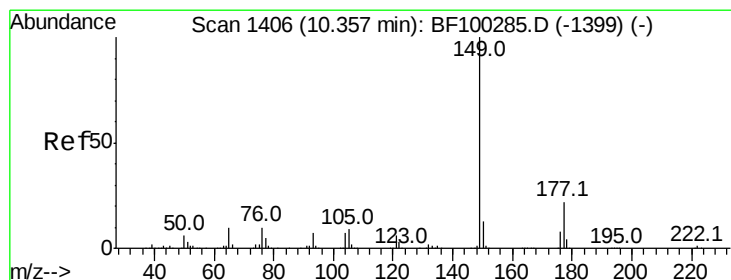
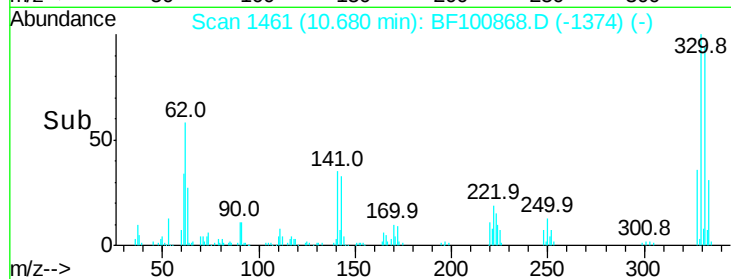
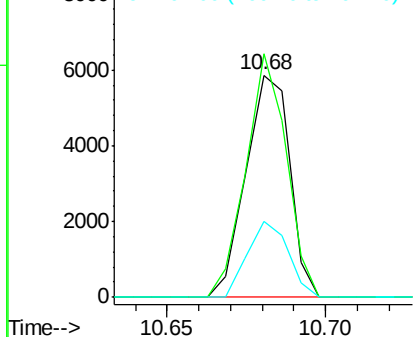
#57
Fluorene
Concen: 0.647 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.21 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 5620
Ion Ratio Lower Upper
166 100
165 109.7 79.8 119.8
167 34.2 10.6 16.0#

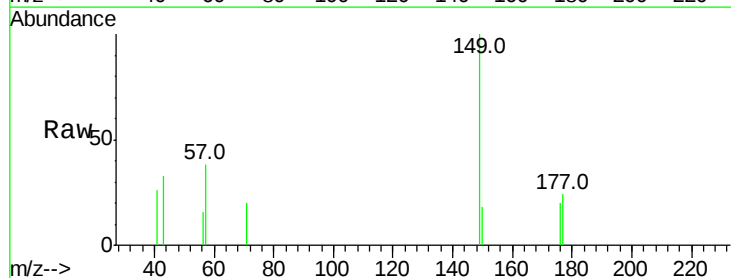


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

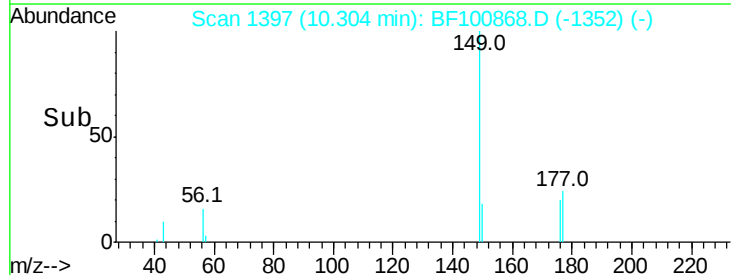
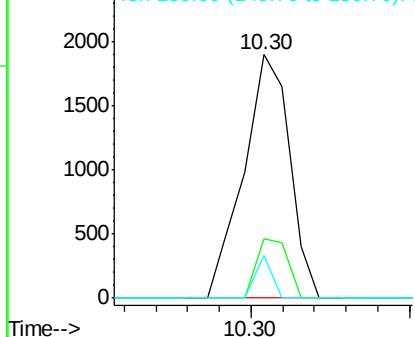


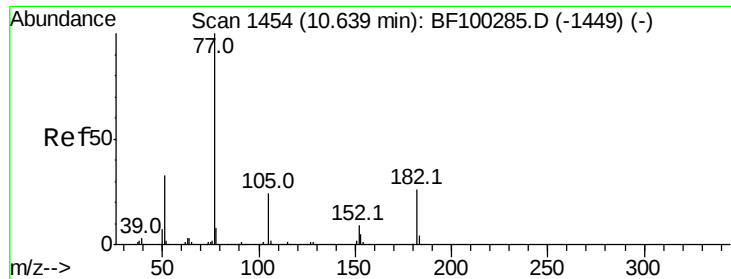
#59
Diethylphthalate
Concen: 0.187 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Tgt Ion:149 Resp: 1911
Ion Ratio Lower Upper
149 100
177 24.2 16.1 24.1#
150 17.8 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

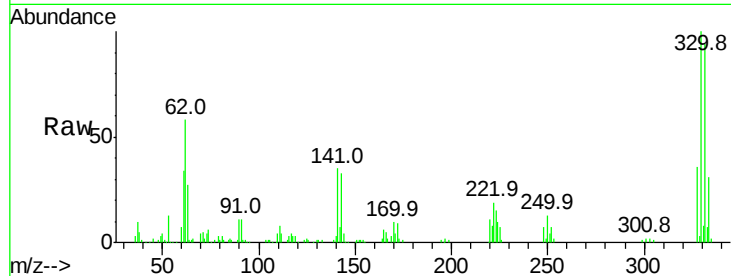




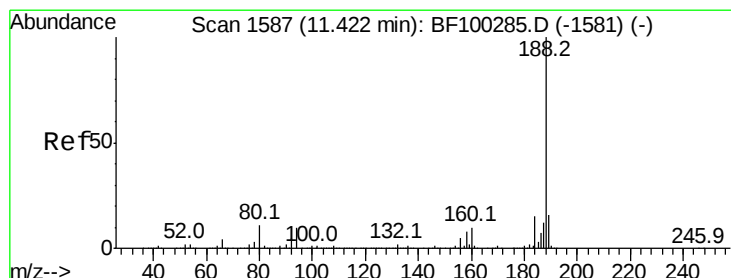
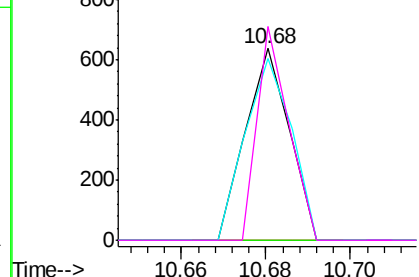
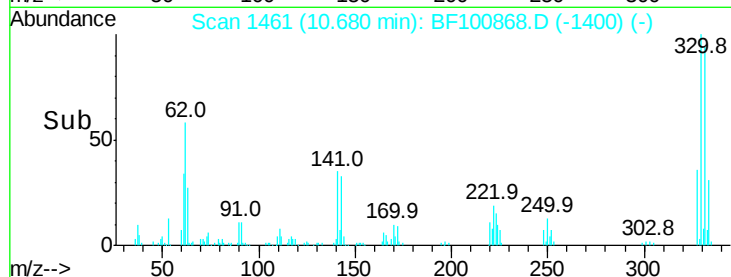
#62
Azobenzene
Concen: 0.047 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.06 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 457
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 94.8 3.0 43.0#
51 111.3 9.9 49.9#

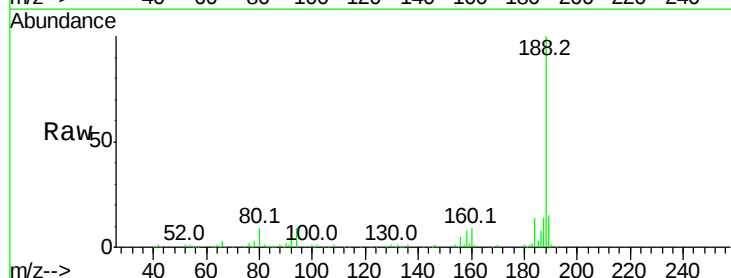


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

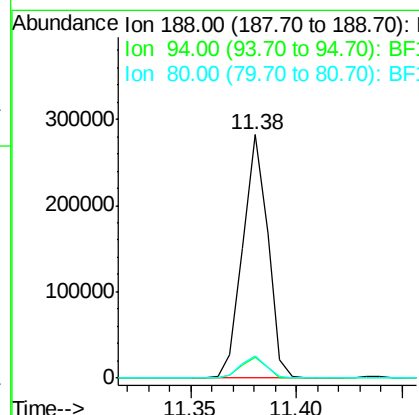
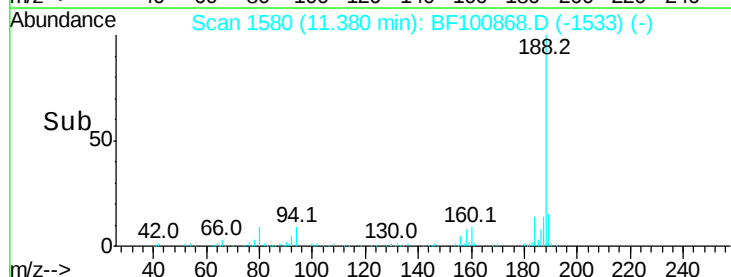


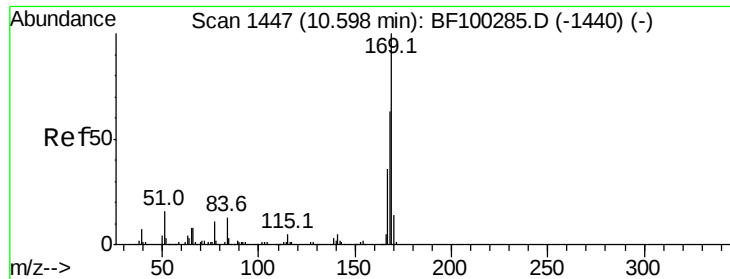
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Tgt Ion: 188 Resp: 231066
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.4 9.2 13.8



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

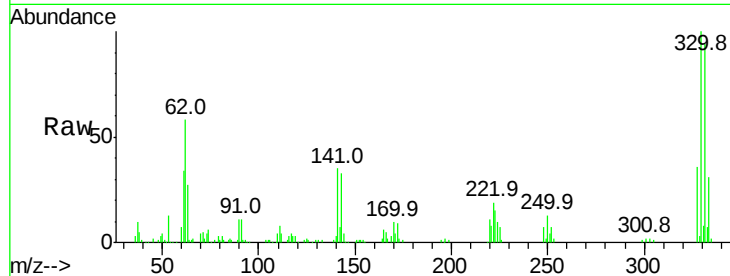




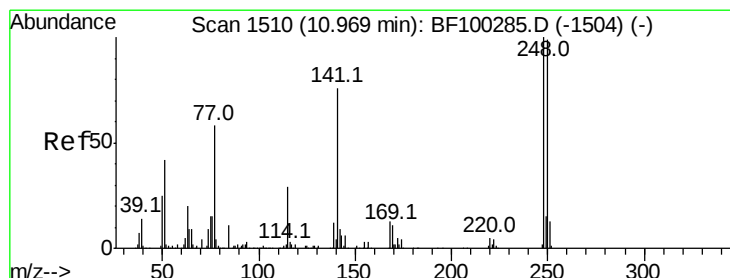
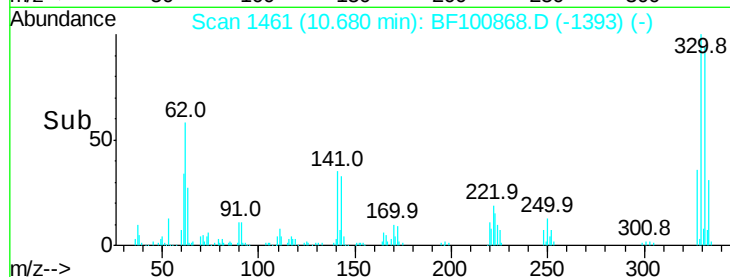
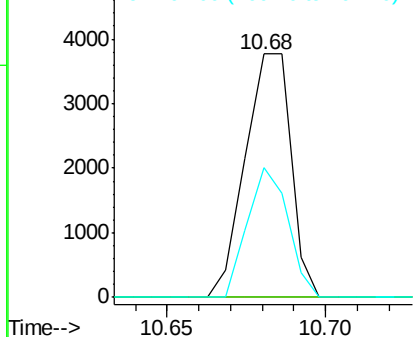
#65
 n-Nitrosodiphenylamine
 Concen: 0.472 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.10 min
 Lab File: BF100868.D
 Acq: 23 Nov 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 3792
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.4 81.6#
 167 53.2 29.8 44.6#

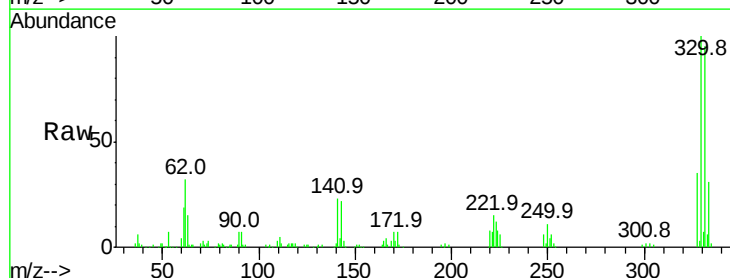


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

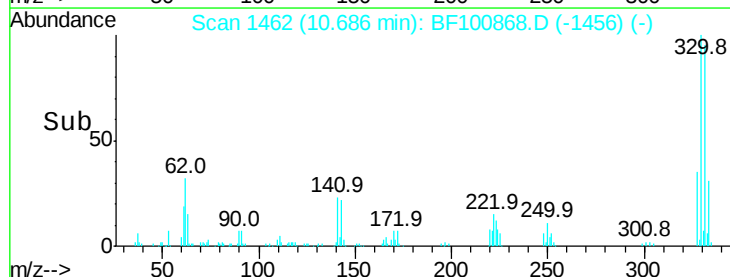
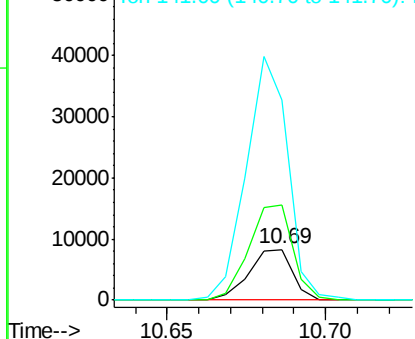


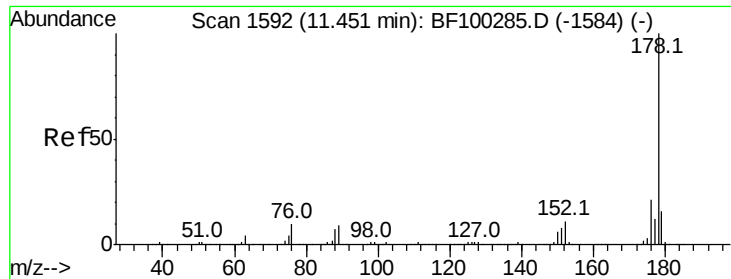
#66
 4-Bromophenyl-phenylether
 Concen: 3.190 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100868.D
 Acq: 23 Nov 2017 11:59

Tgt Ion:248 Resp: 7902
 Ion Ratio Lower Upper
 248 100
 250 187.2 76.9 115.3#
 141 395.3 74.4 111.6#



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





#70

Phenanthrene

Concen: 0.010 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampleId :

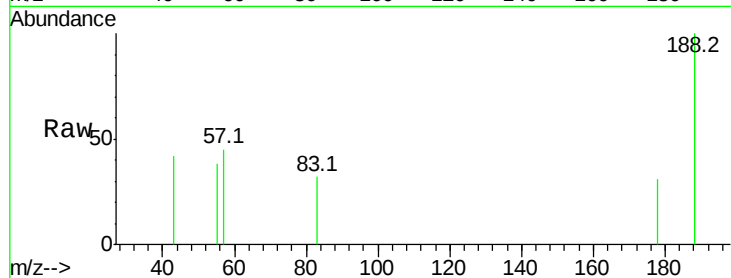
Tot Ion:178 Resp: 116

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

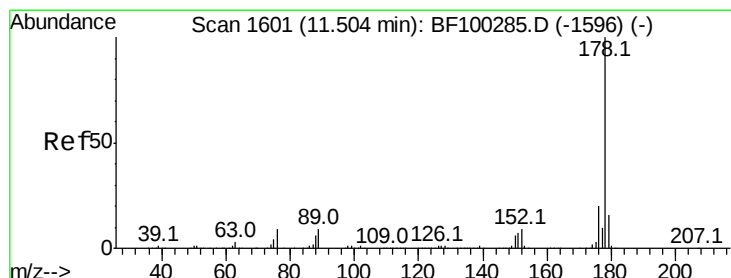
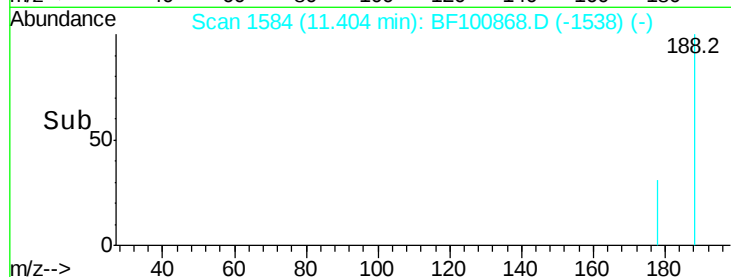
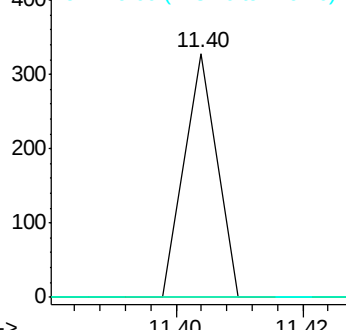
179 0.0 13.0 19.6#



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: 0.009 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.08 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

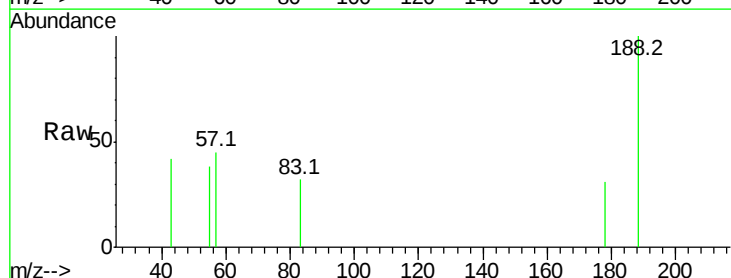
Tgt Ion:178 Resp: 116

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

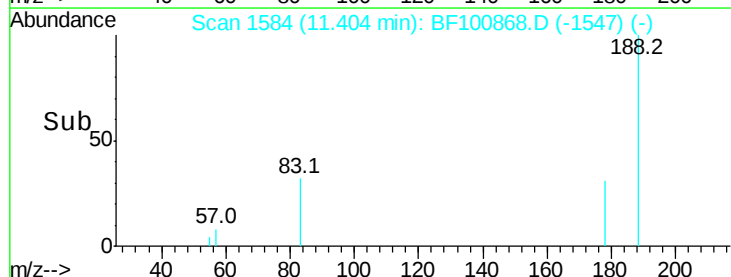
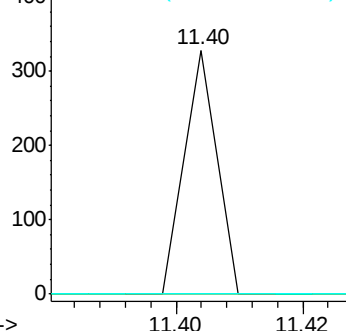
179 0.0 12.6 19.0#

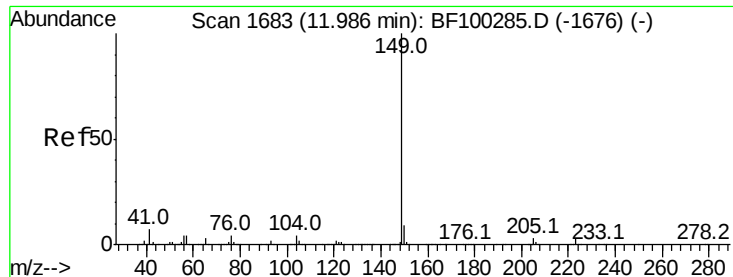


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.089 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampleId :

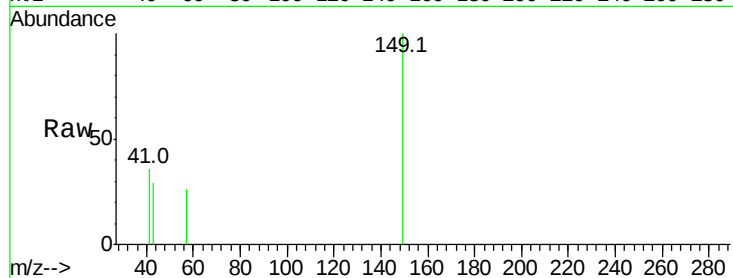
Tot Ion:149 Resp: 1183

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

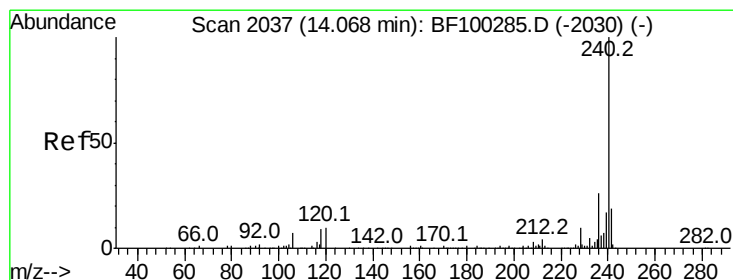
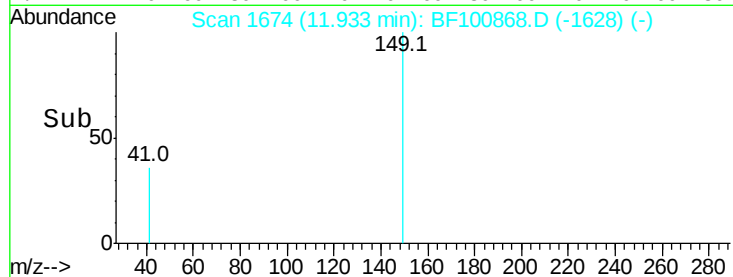
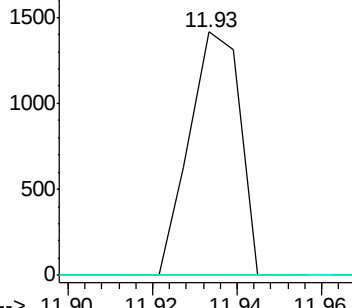
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

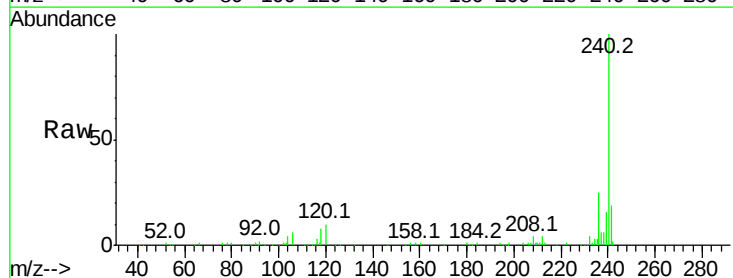
Tgt Ion:240 Resp: 149653

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

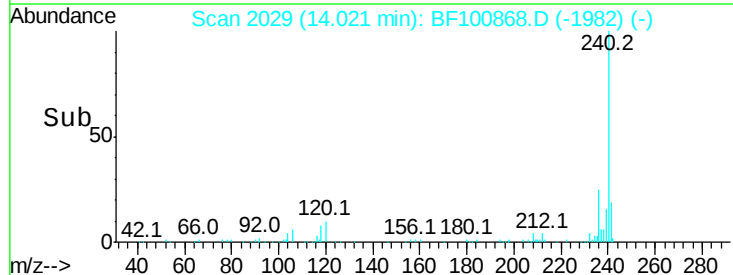
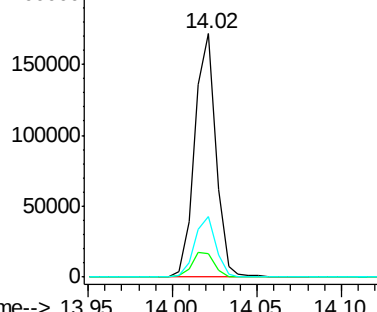
236 24.7 20.7 31.1

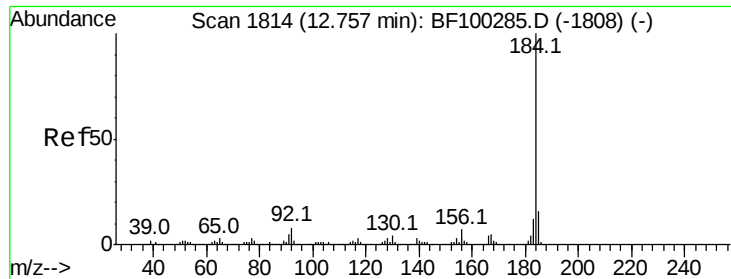


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.231 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampled :

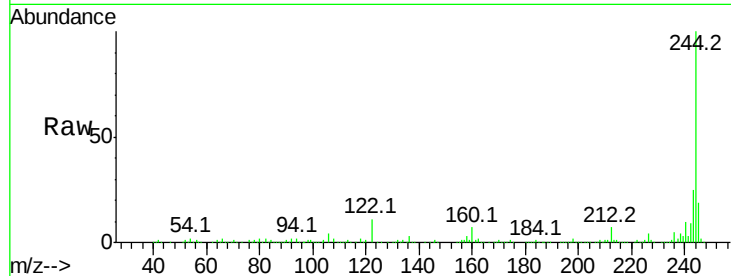
Tot Ion:184 Resp: 7379

Ion Ratio Lower Upper

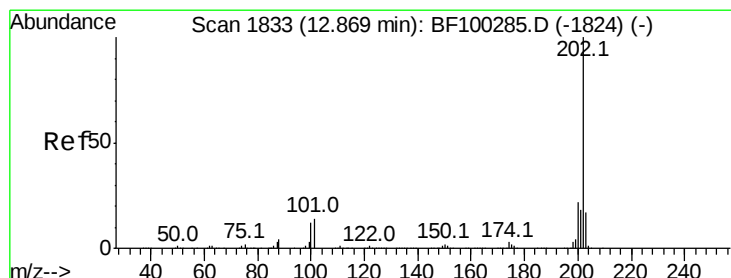
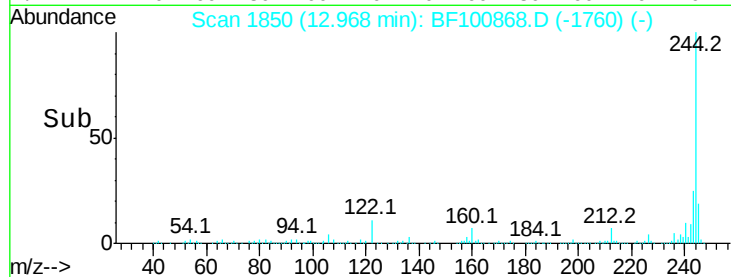
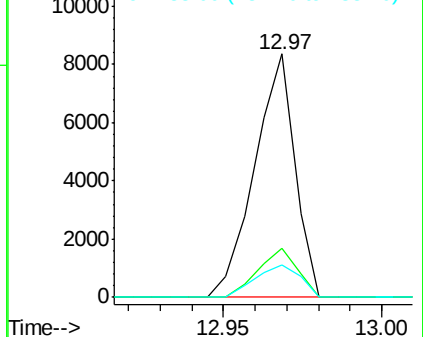
184 100

185 20.1 12.6 18.8#

183 13.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.190 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.12 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

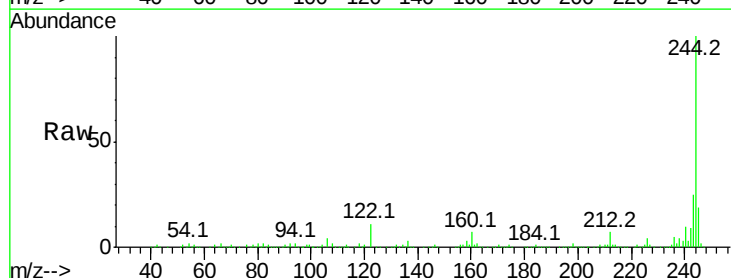
Tgt Ion:202 Resp: 2024

Ion Ratio Lower Upper

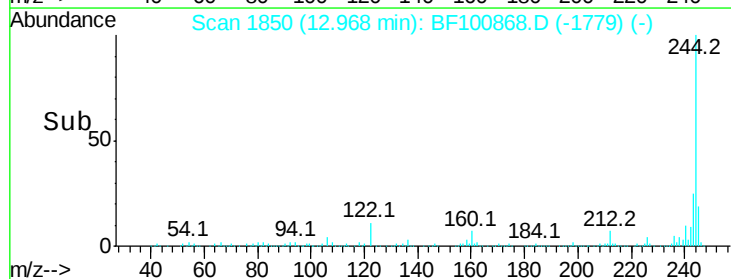
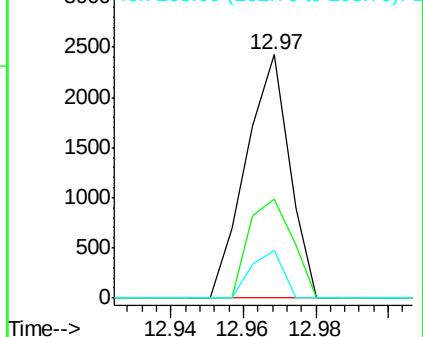
202 100

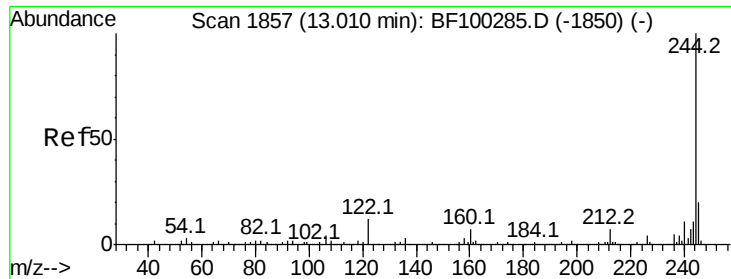
200 40.6 17.4 26.2#

203 19.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 94.799 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampleId :

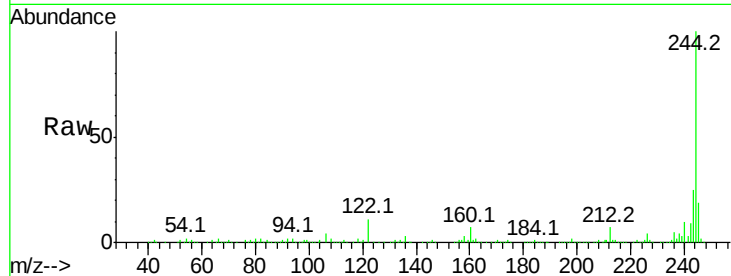
Tot Ion:244 Resp: 617442

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

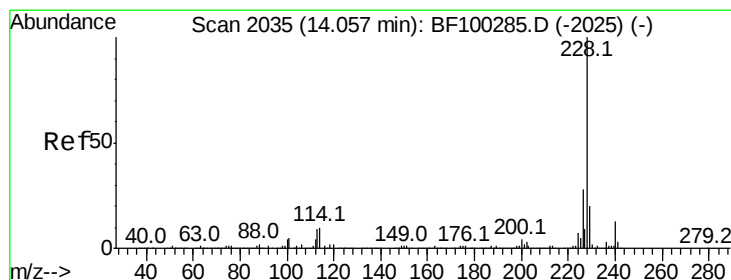
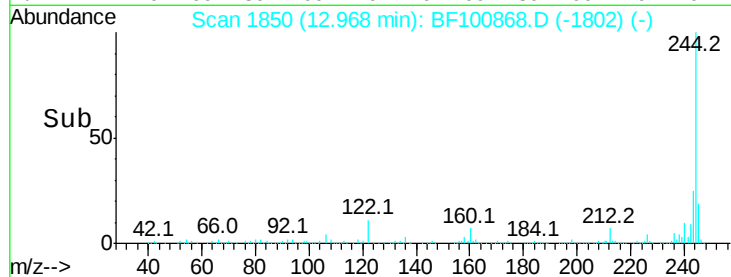
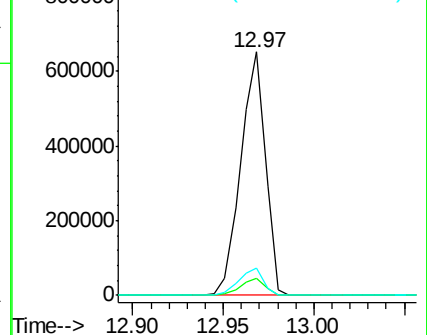
122 11.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 0.044 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

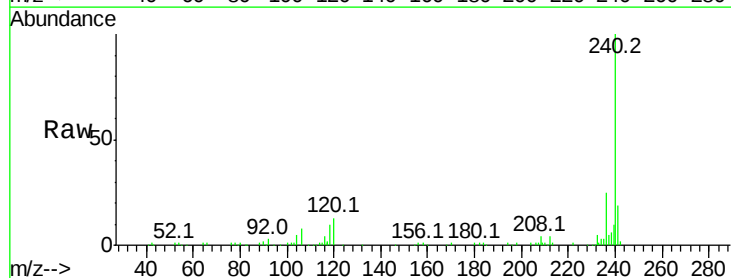
Tgt Ion:228 Resp: 400

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

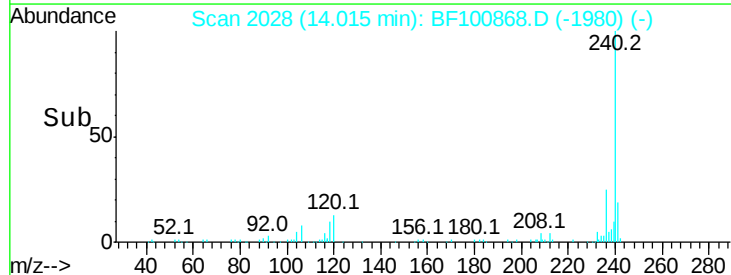
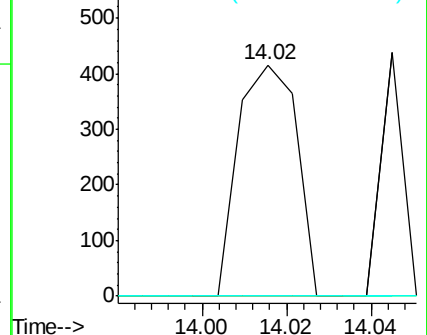
229 0.0 15.8 23.6#

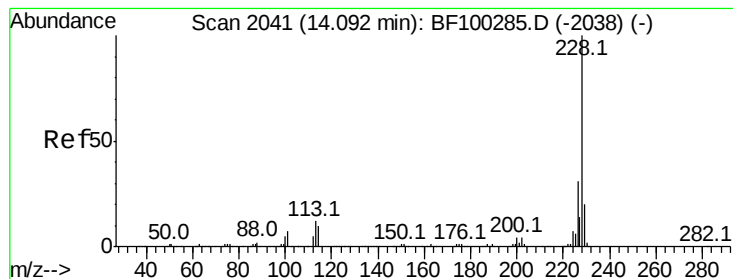


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.018 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

Instrument :

BNA_F

ClientSampleId :

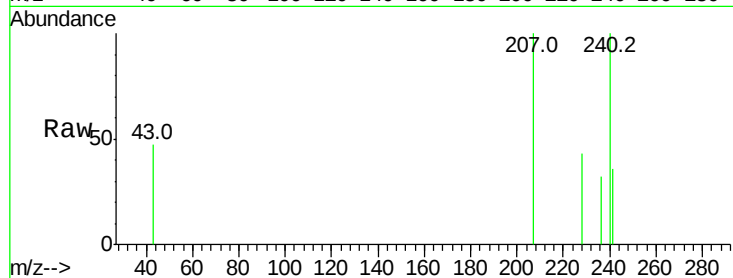
Tot Ion:228 Resp: 155

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

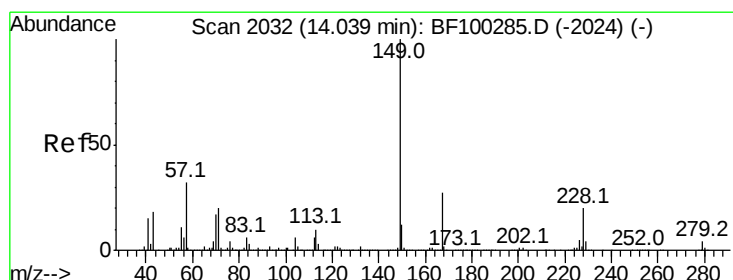
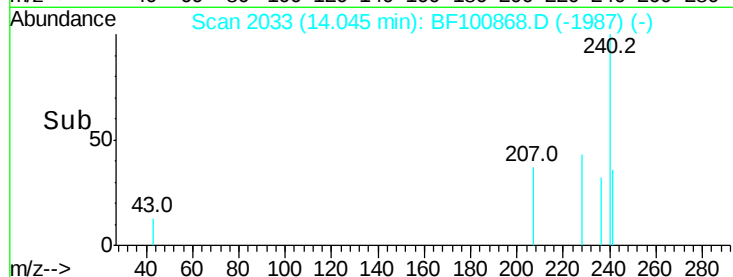
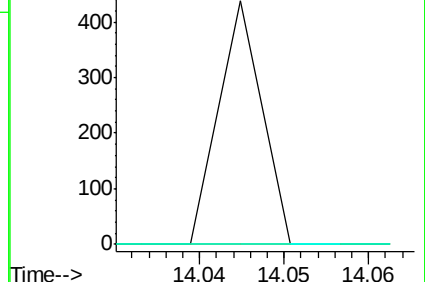
229 0.0 16.2 24.4#



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: 0.176 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100868.D

Acq: 23 Nov 2017 11:59

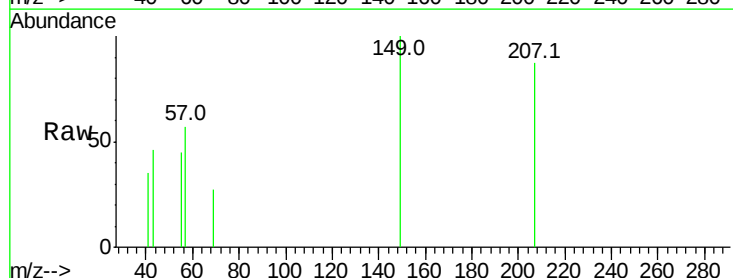
Tgt Ion:149 Resp: 1005

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

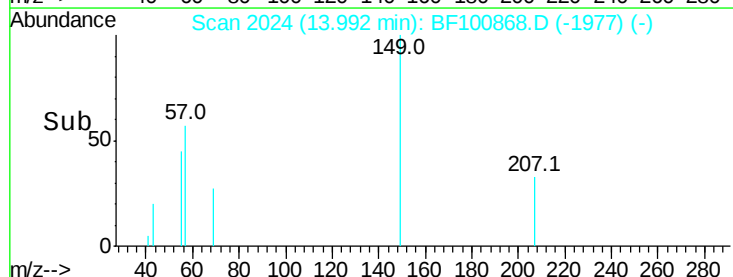
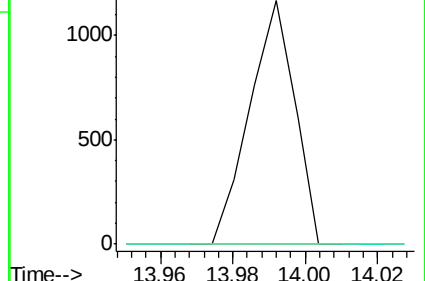
279 0.0 3.0 4.4#

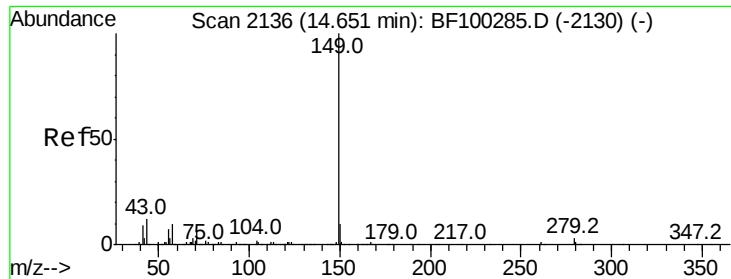


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

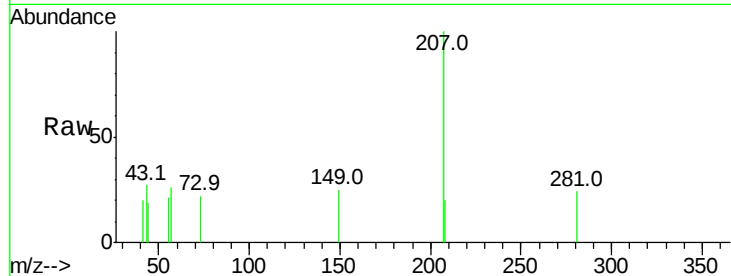




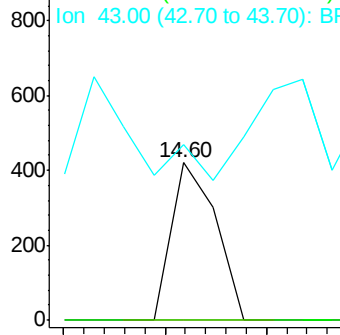
#84
Di-n-octyl phthalate
Concen: 0.026 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Instrument :
BNA_F
ClientSampleId :

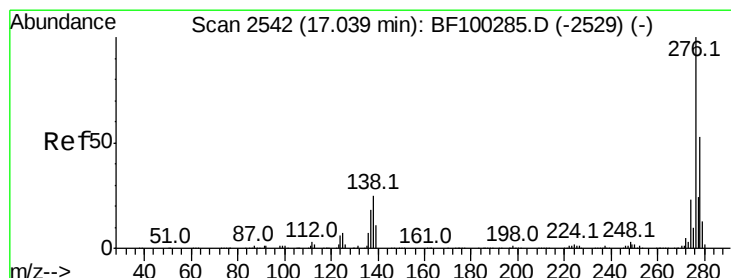
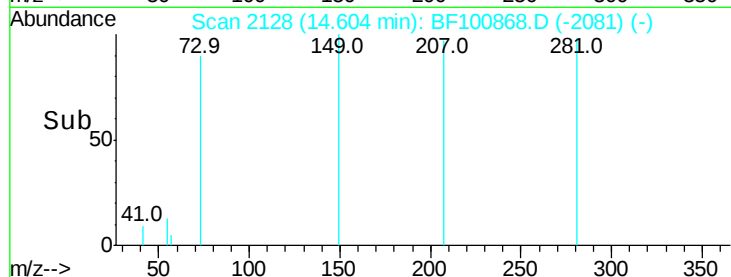
Tot Ion:149 Resp: 255
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 132.9 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

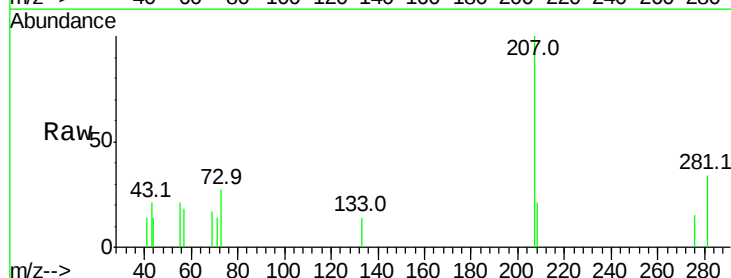


Time-->

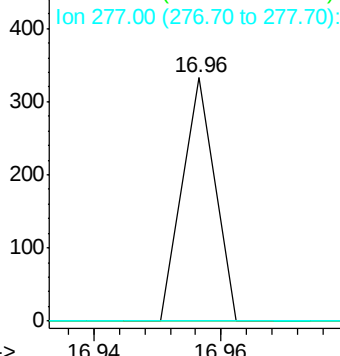


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.017 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.05 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

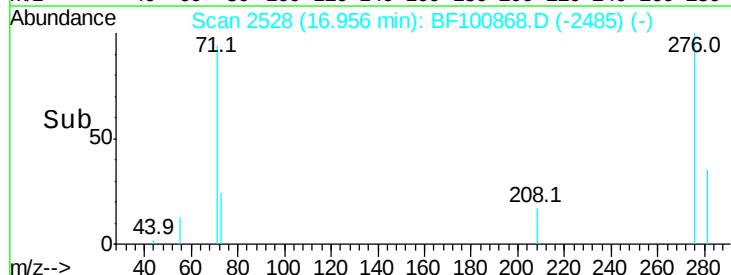
Tgt Ion:276 Resp: 117
Ion Ratio Lower Upper
276 100
138 0.0 25.0 37.6#
277 0.0 20.1 30.1#

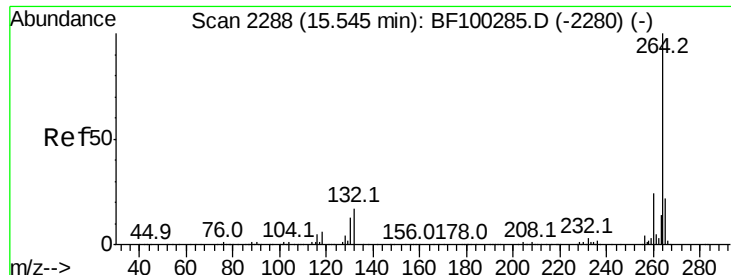


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



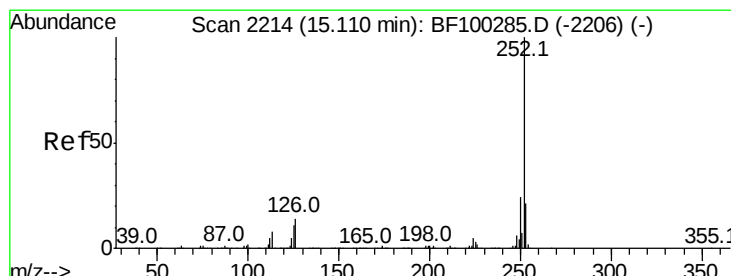
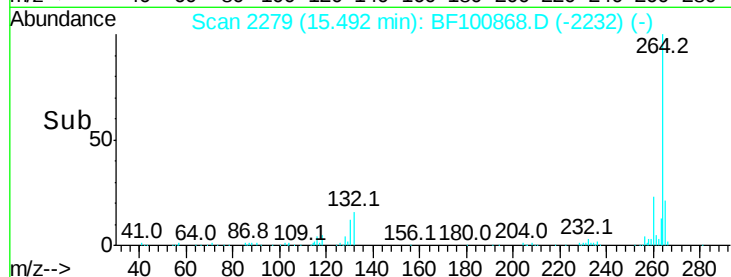
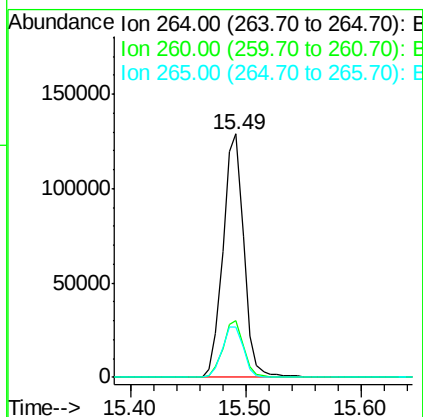
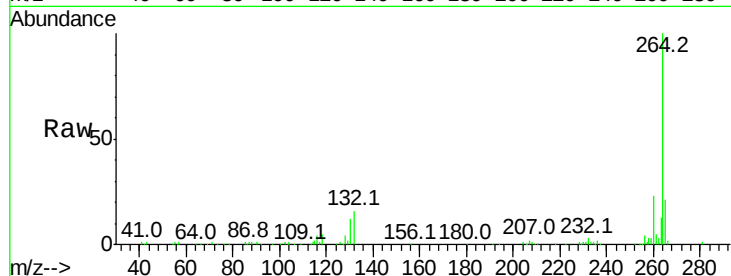


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 161082

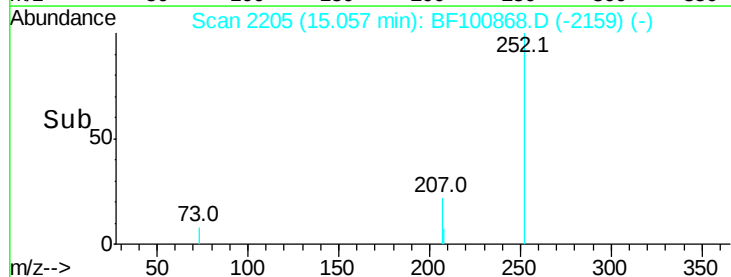
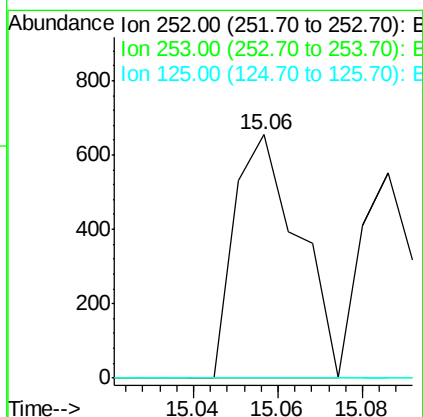
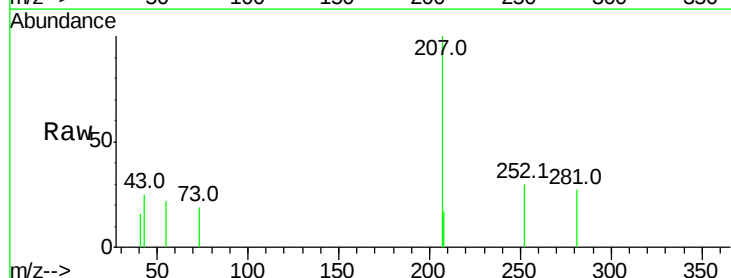
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.6	17.5	26.3

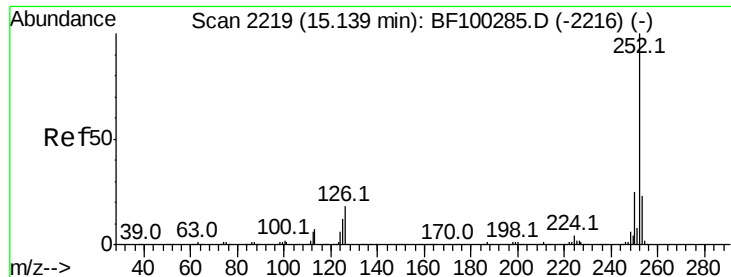


#87
Benzo(b)fluoranthene
Concen: 0.072 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Tgt Ion:252 Resp: 687

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.6#
125	0.0	9.0	13.6#

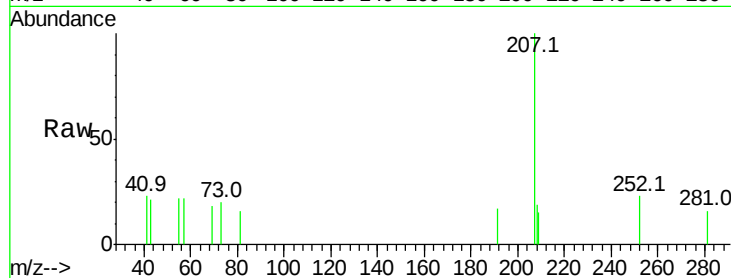




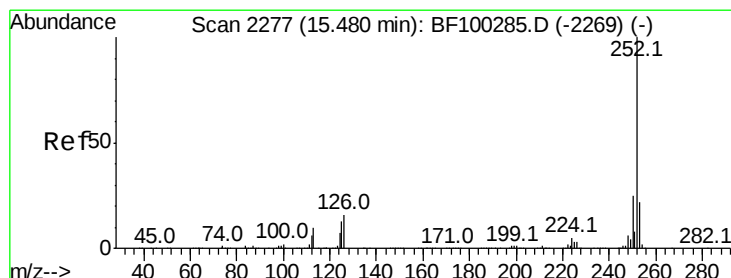
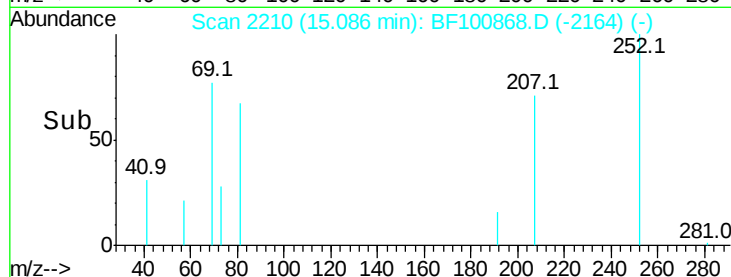
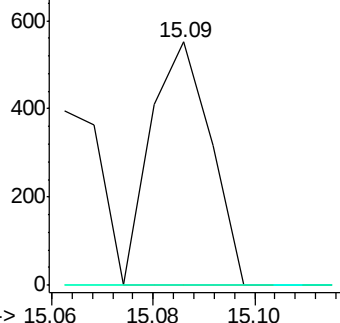
#88
Benzo(k)fluoranthene
Concen: 0.050 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 451
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#

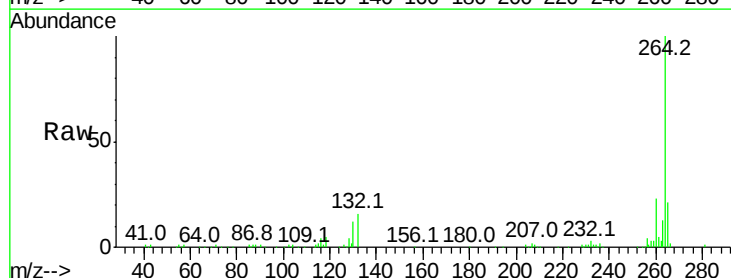


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.058 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF100868.D
Acq: 23 Nov 2017 11:59

Tgt Ion:252 Resp: 491
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 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

