

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100867.D
 Acq On : 23 Nov 2017 11:33
 Operator : SJ/JU
 Sample : I6541-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:53:01 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	70453	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	276476	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	126397	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	212983	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	138986	20.00	ng	-0.02
86) Perylene-d12	15.49	264	152705	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	167895	38.20	ng	-0.02
7) Phenol-d6	6.48	99	127309	23.49	ng	-0.03
23) Nitrobenzene-d5	7.42	82	403650	96.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	110715	85.96	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	815696	98.27	ng	-0.02
78) Terphenyl-d14	12.97	244	547032	90.43	ng	-0.02

Target Compounds				Qvalue		
6) Aniline	6.49	93	125	0.016	ng	# 1
9) Benzaldehyde	6.63	77	6547	1.692	ng	# 85
10) Phenol	6.49	94	11248	1.977	ng	# 99
11) bis(2-Chloroethyl)ether	6.63	93	115	0.024	ng	# 1
15) Benzyl Alcohol	7.02	79	6331	1.497	ng	# 51
19) n-Nitroso-di-n-propylamine	7.42	70	52997	14.100	ng	# 80
24) Nitrobenzene	7.42	77	970	0.225	ng	# 38
25) Isophorone	7.42	82	403646	45.932	ng	# 64
45) 1,1'-Biphenyl	9.22	154	1418	0.130	ng	# 1
47) 2-Nitroaniline	9.22	65	1263	3.292	ng	# 1
49) Dimethylphthalate	9.60	163	13649	1.414	ng	# 94
50) 2,6-Dinitrotoluene	9.89	165	16755	8.771	ng	# 24
51) Acenaphthene	9.89	154	345	0.043	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	16755	6.953	ng	# 21
57) Fluorene	10.68	166	5019	0.612	ng	# 82
59) Diethylphthalate	10.30	149	1185	0.123	ng	# 61
62) Azobenzene	10.68	77	537	0.059	ng	# 40
64) 4,6-Dinitro-2-methylphenol	10.68	198	107	8.652	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3330	0.450	ng	# 41
66) 4-Bromophenyl-phenylether	10.68	248	6939	3.039	ng	# 1
70) Phenanthrene	11.40	178	123	0.011	ng	# 59
71) Anthracene	11.40	178	123	0.011	ng	# 60
73) Di-n-butylphthalate	11.93	149	780	0.063	ng	# 78
76) Benzidine	12.97	184	6448	1.158	ng	# 94
77) Pyrene	12.96	202	1643	0.166	ng	# 73
80) Benzo(a)anthracene	14.02	228	251	0.030	ng	# 51
82) Chrysene	14.02	228	251	0.031	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	918	0.173	ng	# 95
84) Di-n-octyl phthalate	14.60	149	145	0.016	ng	# 1
87) Benzo(b)fluoranthene	15.06	252	472	0.052	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	263	0.031	ng	# 59
89) Benzo(a)pyrene	15.49	252	274	0.034	ng	# 60

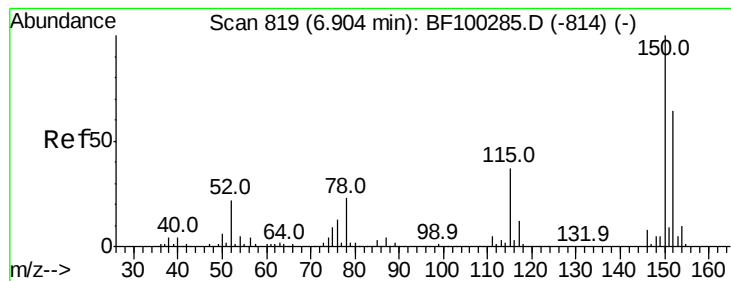
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100867.D
Acq On : 23 Nov 2017 11:33
Operator : SJ/JU
Sample : I6541-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Nov 23 23:53:01 2017
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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

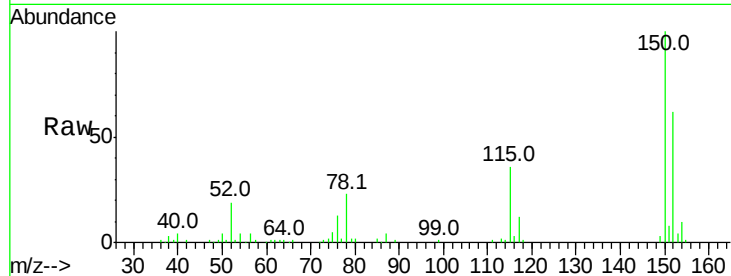


#1

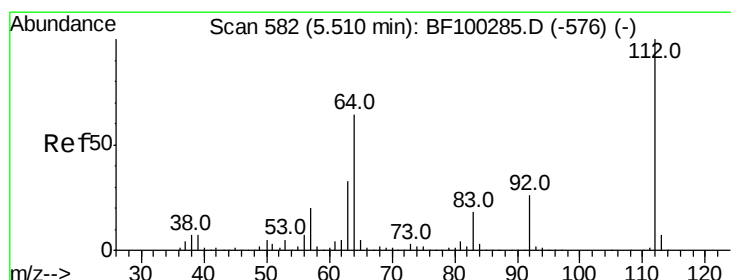
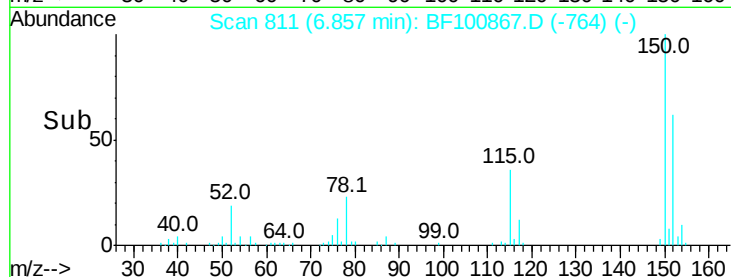
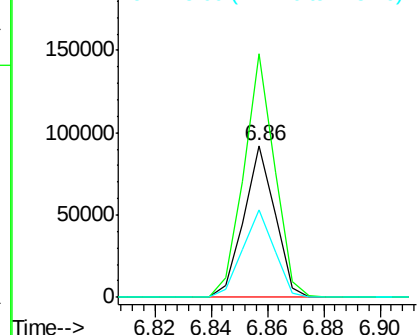
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	57.2	50.1	75.1



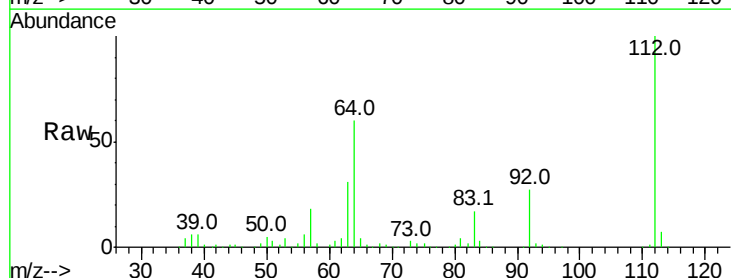
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



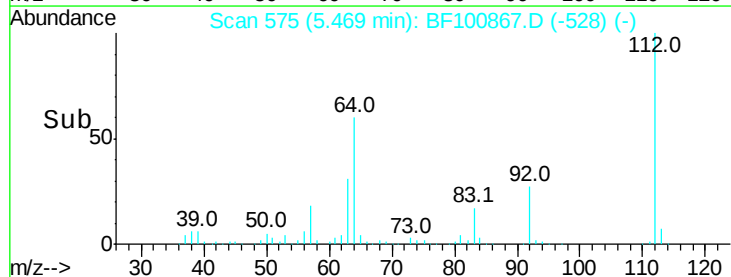
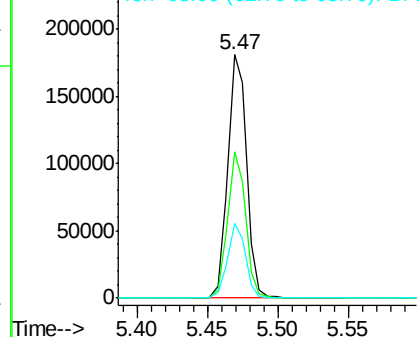
#5

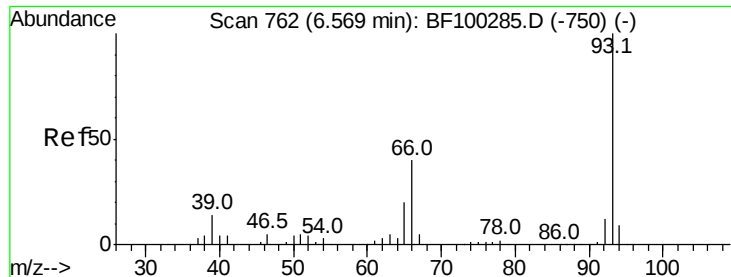
2-Fluorophenol
Concen: 38.200 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.7	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: 0.016 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampled :

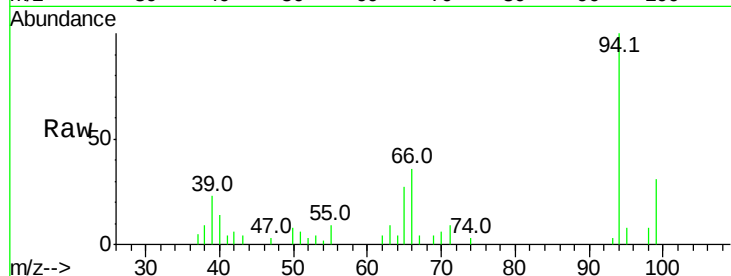
Tot Ion: 93 Resp: 125

Ion Ratio Lower Upper

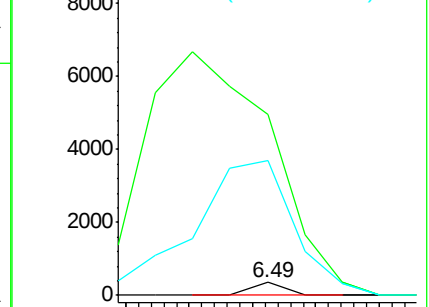
93 100

66 1402.5 32.2 48.2#

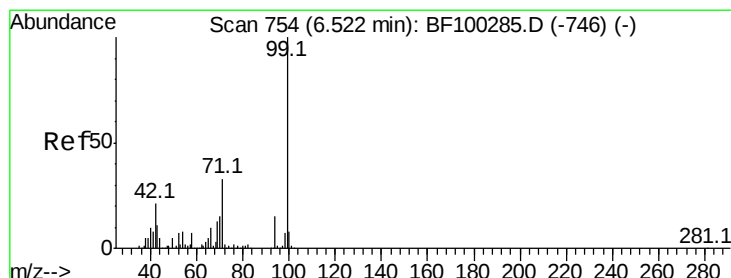
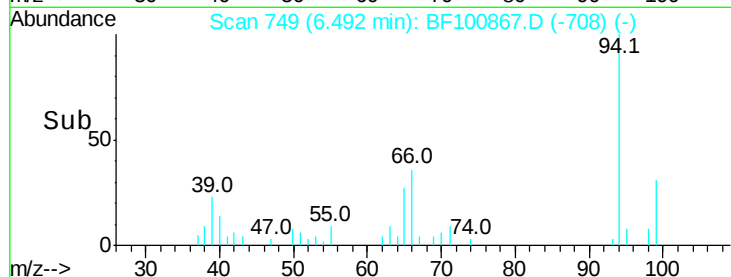
65 1044.5 16.4 24.6#



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



Time-->



#7

Phenol-d6

Concen: 23.490 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

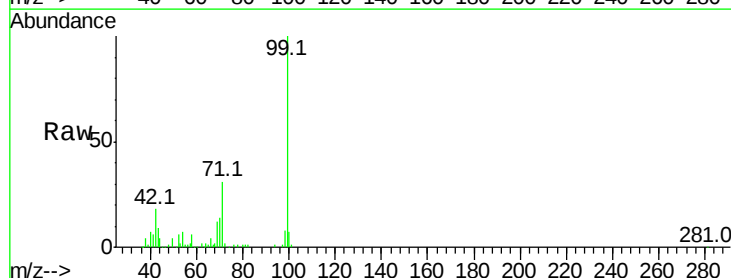
Tgt Ion: 99 Resp: 127309

Ion Ratio Lower Upper

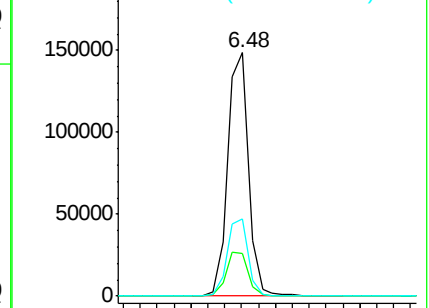
99 100

42 17.7 14.5 21.7

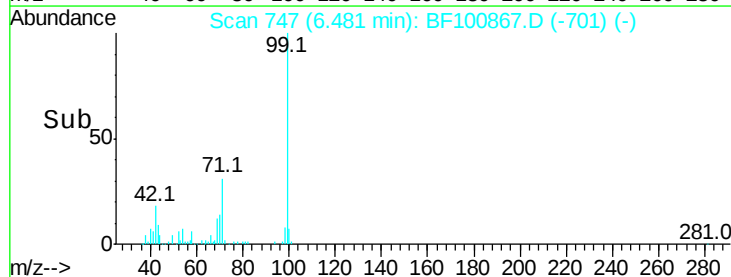
71 31.5 25.4 38.0

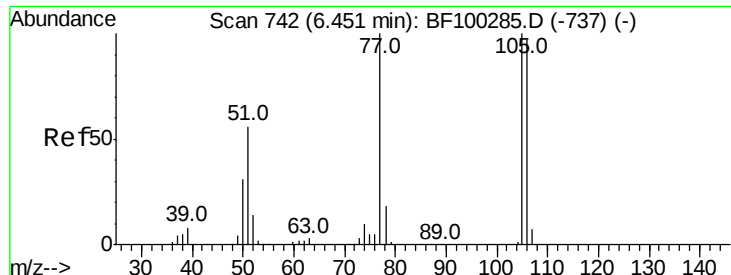


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->

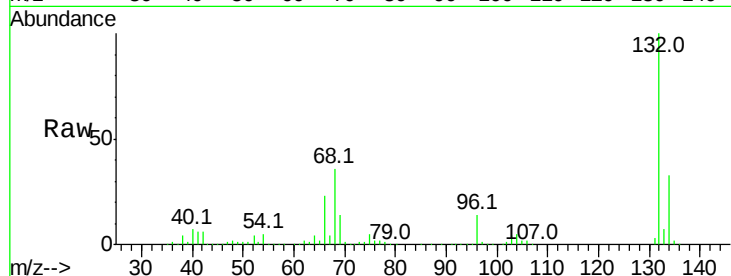




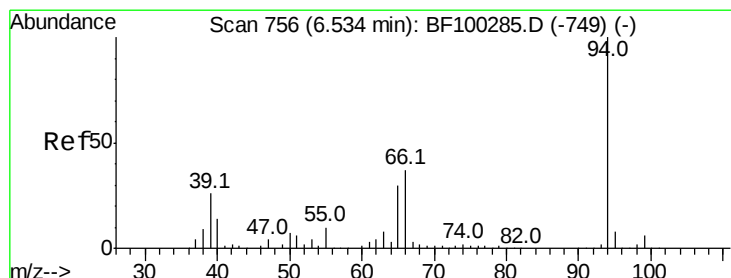
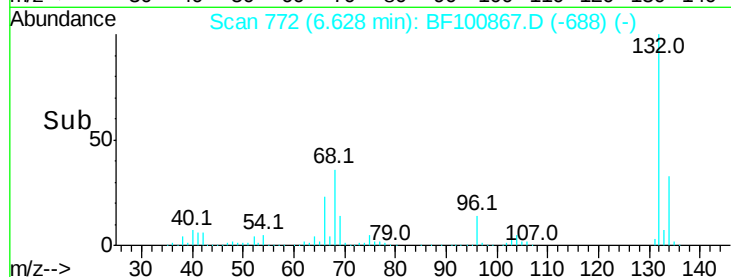
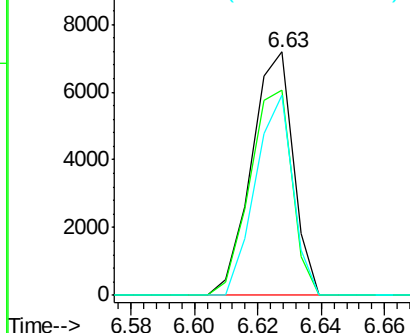
#9
Benzaldehyde
Concen: 1.692 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.19 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 6547
Ion Ratio Lower Upper
77 100
105 84.4 81.1 121.1
106 82.2 74.5 114.5

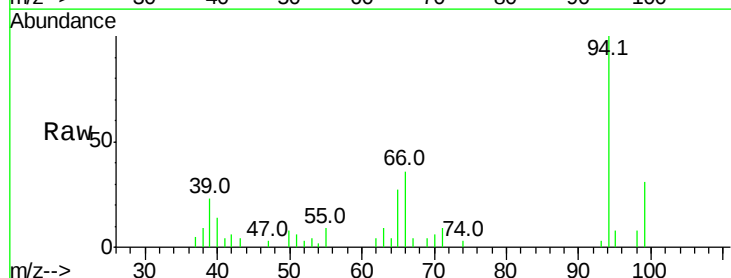


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

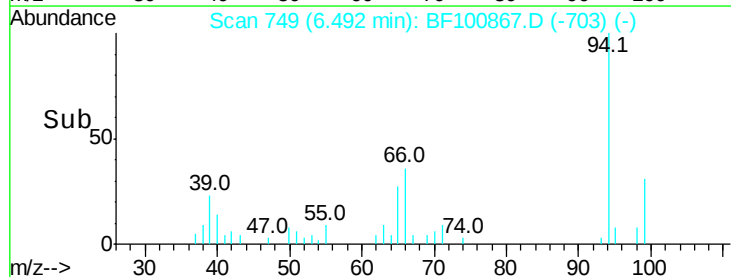
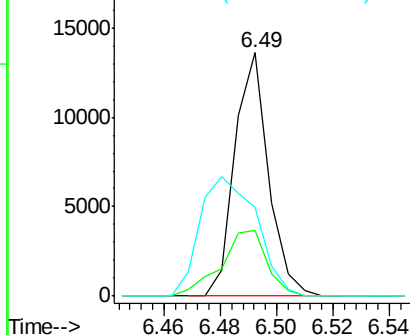


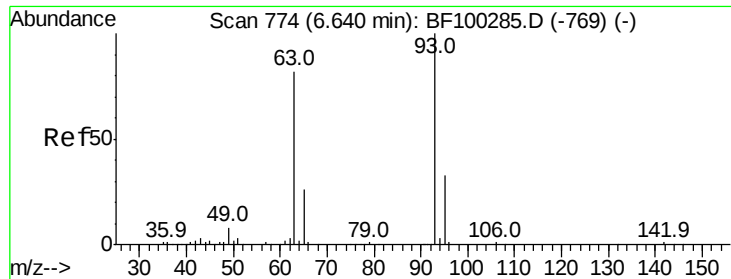
#10
Phenol
Concen: 1.977 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Tgt Ion: 94 Resp: 11248
Ion Ratio Lower Upper
94 100
65 27.1 7.9 47.9
66 36.4 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: 0.024 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

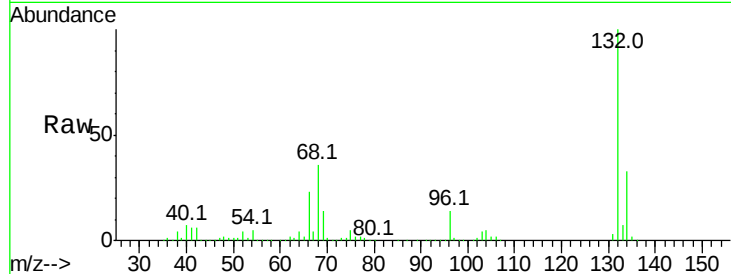
Tot Ion: 93 Resp: 115

Ion Ratio Lower Upper

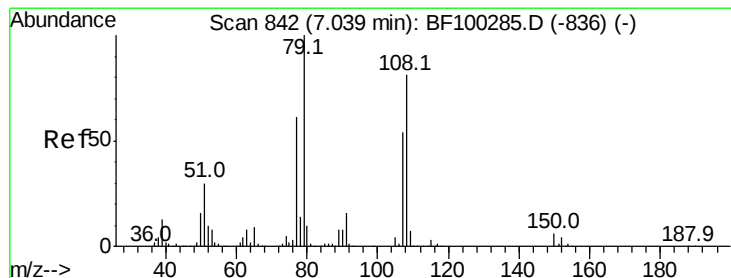
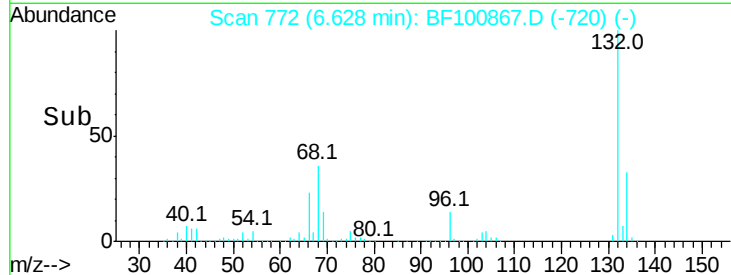
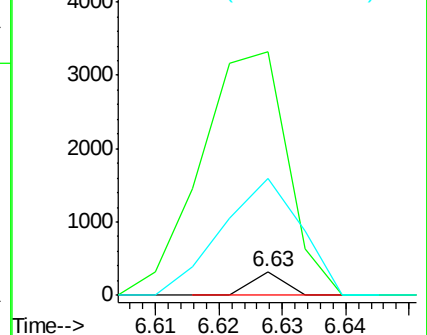
93 100

63 1021.8 58.6 98.6#

95 489.5 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: 1.497 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

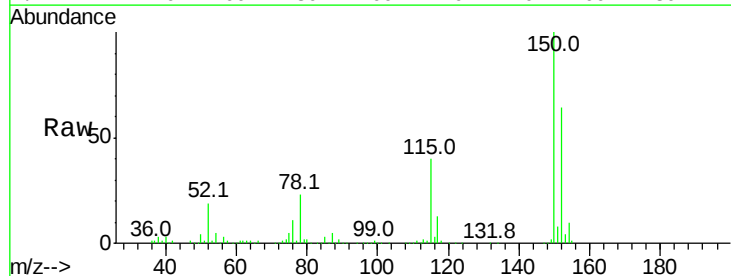
Tgt Ion: 79 Resp: 6331

Ion Ratio Lower Upper

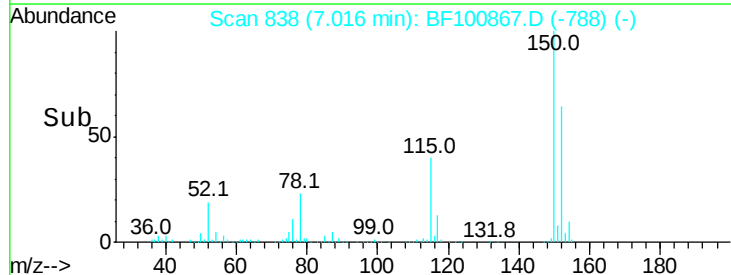
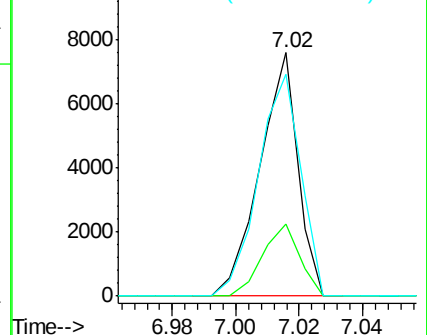
79 100

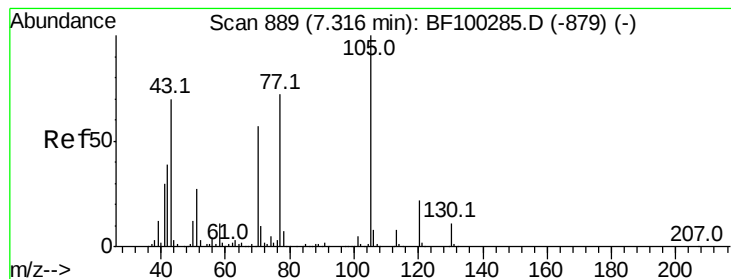
108 29.4 65.1 97.7#

77 91.0 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: 14.100 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 52997

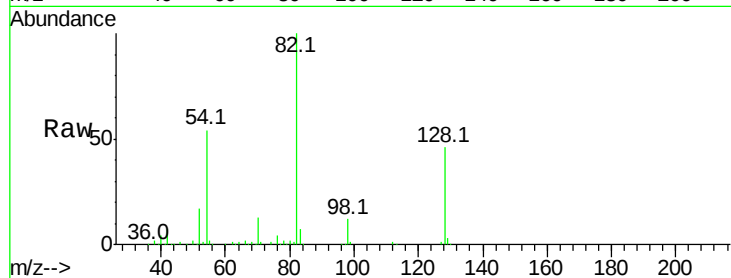
Ion Ratio Lower Upper

70 100

42 50.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

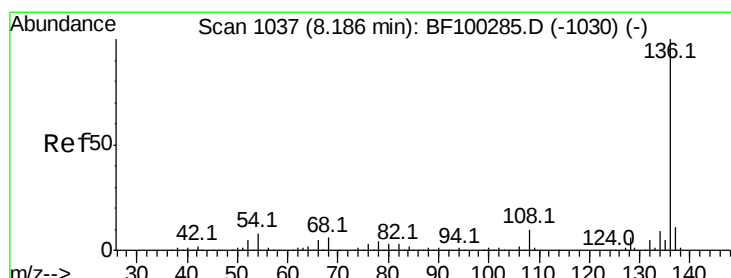
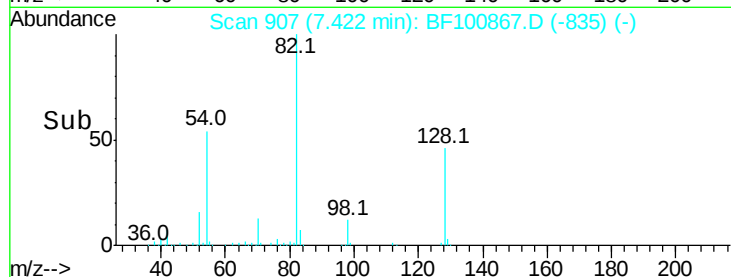
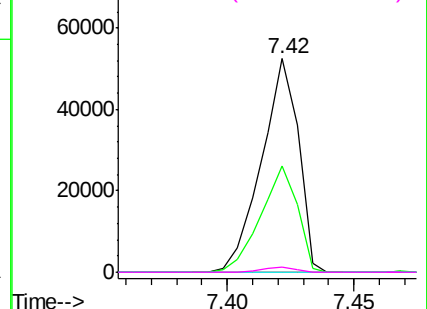


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100867.D

Acq: 23 Nov 2017 11:33

Tgt Ion: 136 Resp: 276476

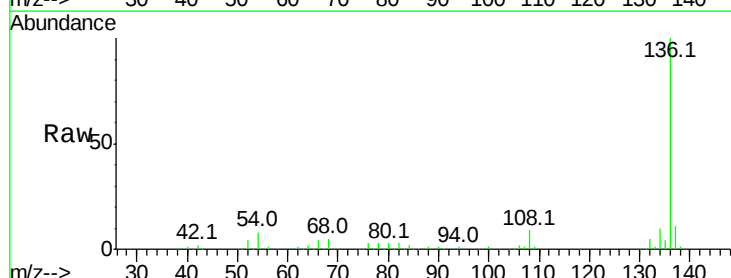
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 5.2 5.0 7.4

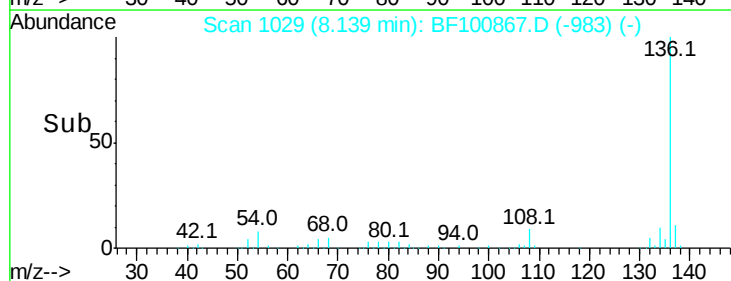
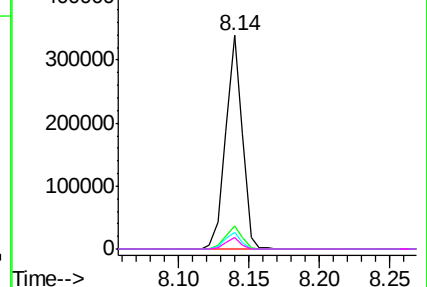


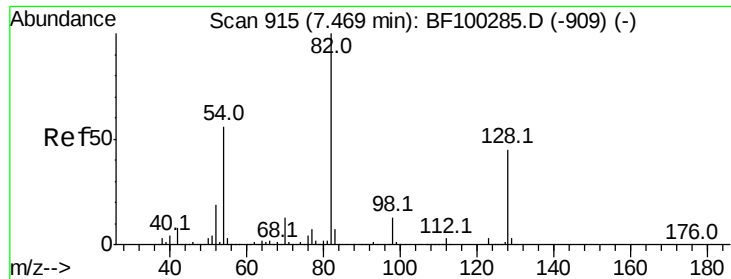
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

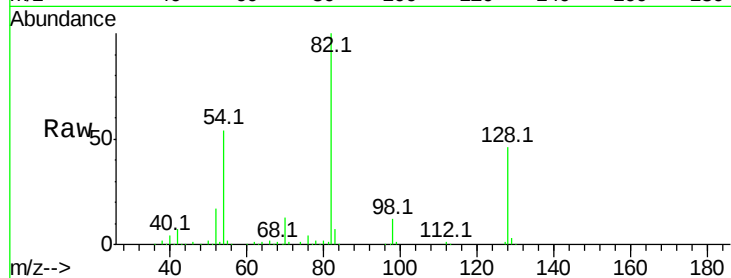




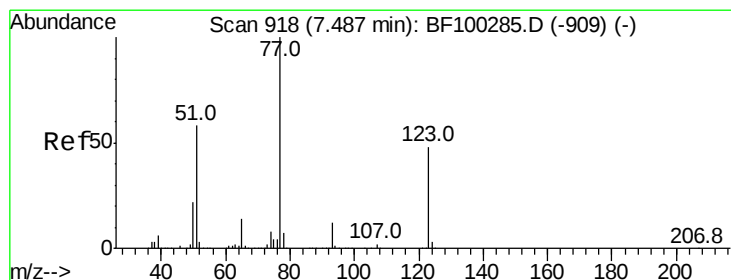
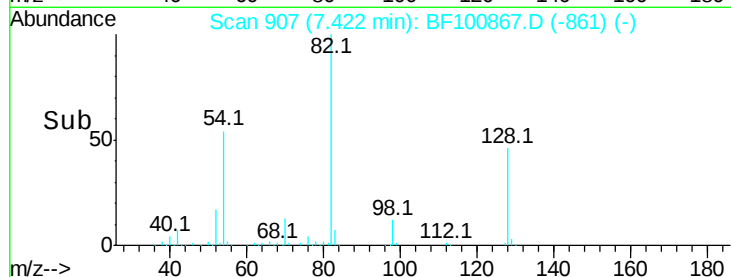
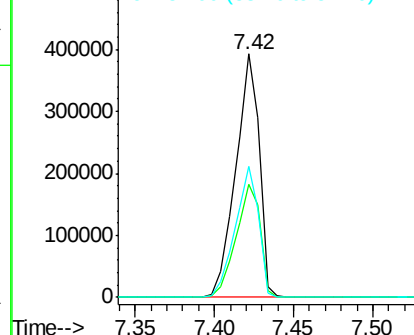
#23
Nitrobenzene-d5
Concen: 96.524 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 403650
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 54.0 41.4 62.2

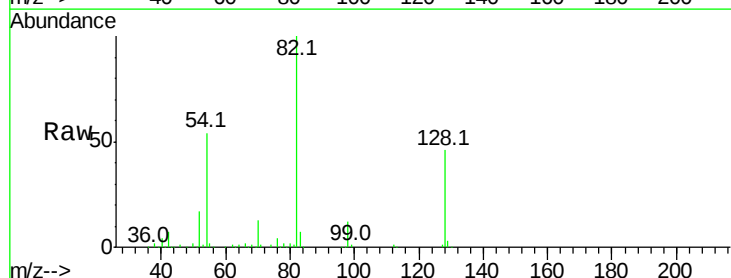


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

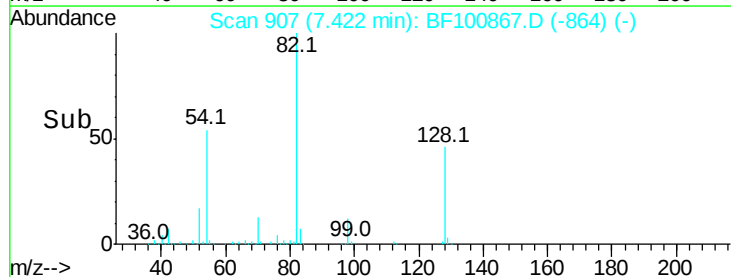
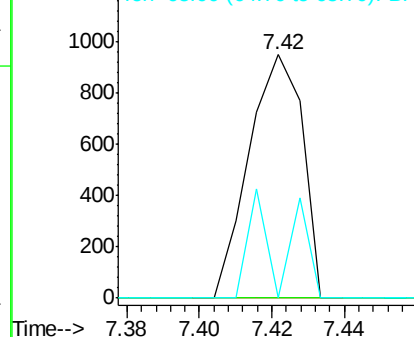


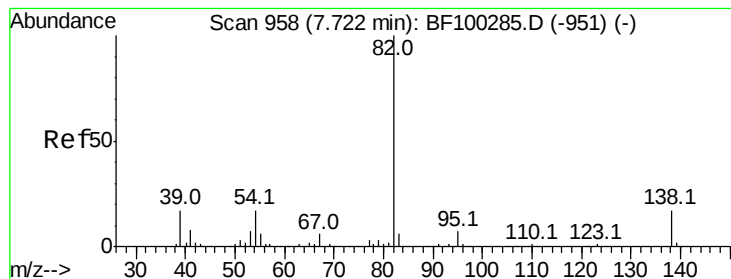
#24
Nitrobenzene
Concen: 0.225 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Tgt Ion: 77 Resp: 970
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 0.0 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: 45.932 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

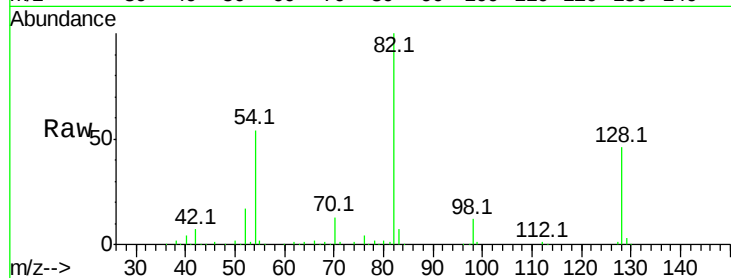
Tot Ion: 82 Resp: 403646

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

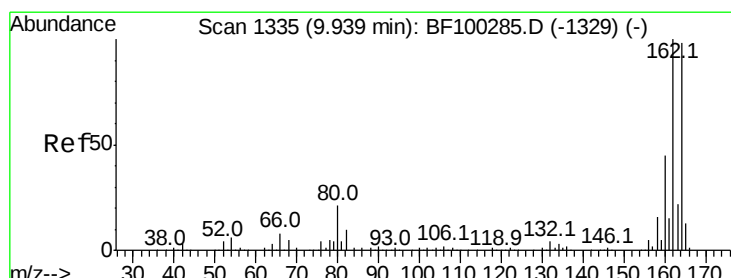
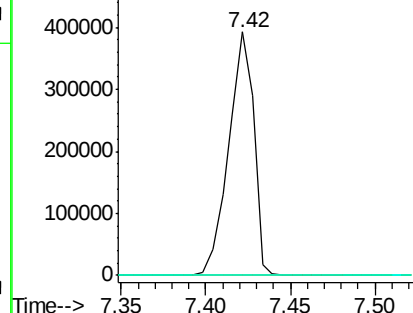
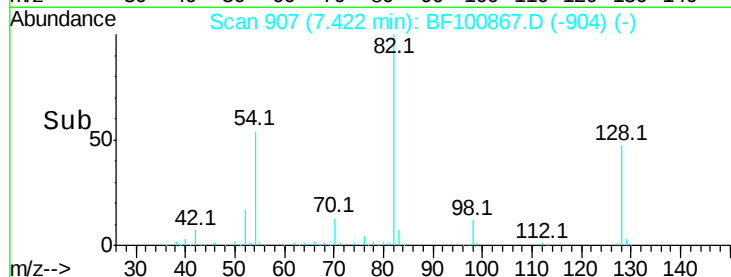
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

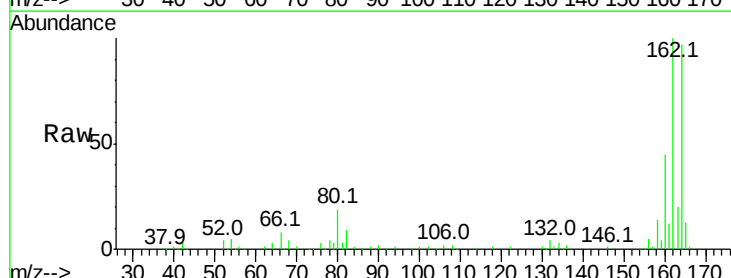
Tgt Ion: 164 Resp: 126397

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

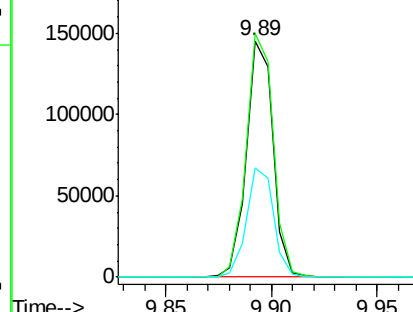
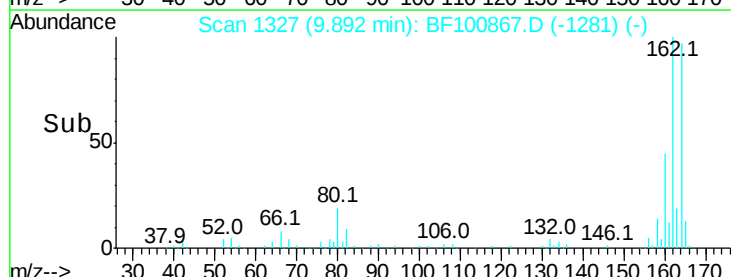
160 46.2 38.3 57.5

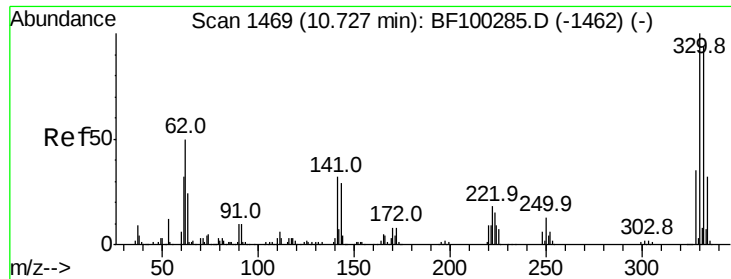


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

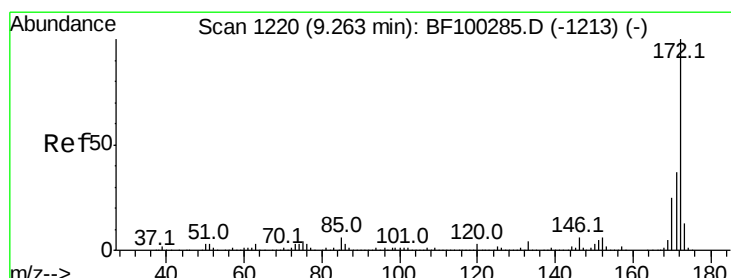
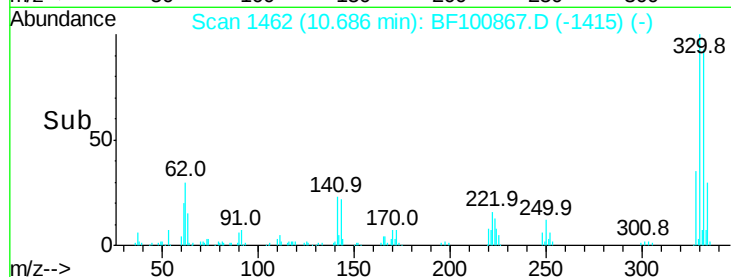
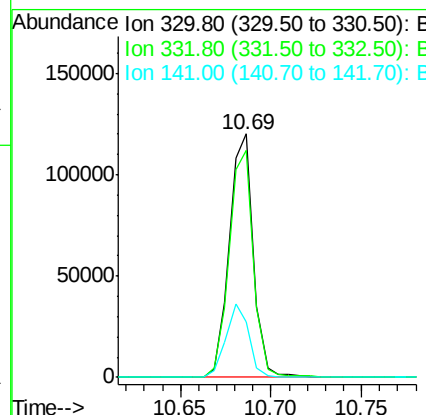
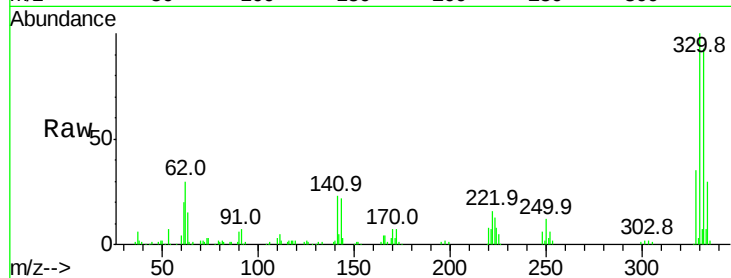




#41
 2,4,6-Tribromophenol
 Concen: 85.960 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

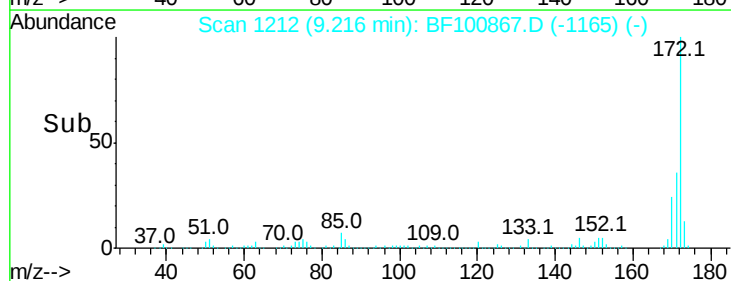
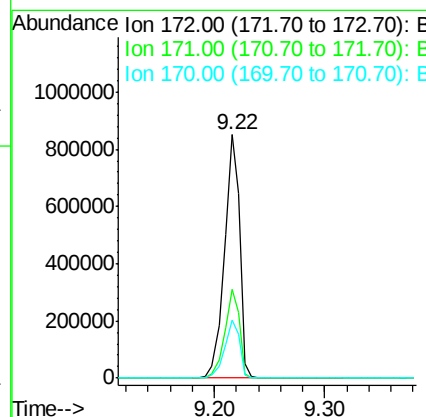
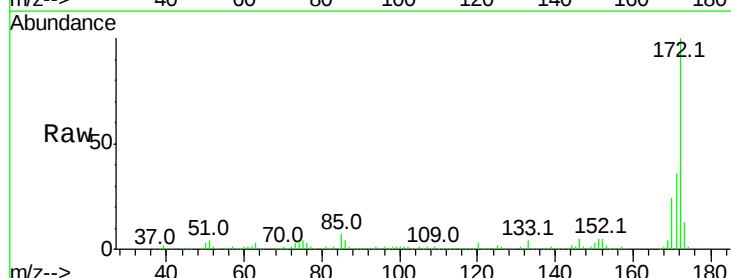
Instrument :
 BNA_F
 ClientSampleId :

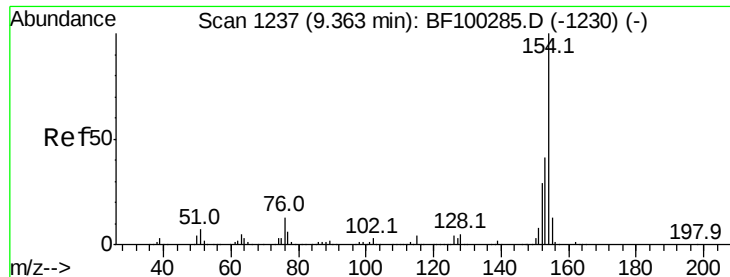
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	28.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 98.267 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	19.6	29.4





#45

1,1'-Biphenyl

Concen: 0.130 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.13 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

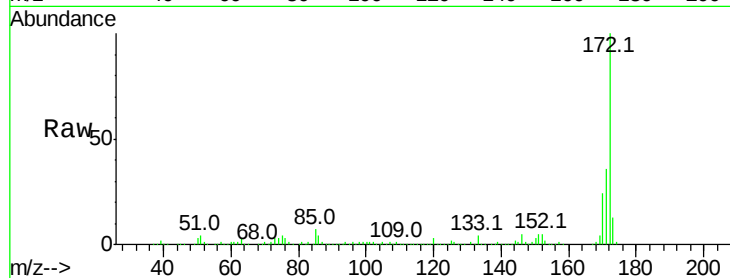
Tot Ion:154 Resp: 1418

Ion Ratio Lower Upper

154 100

153 841.8 21.3 61.3#

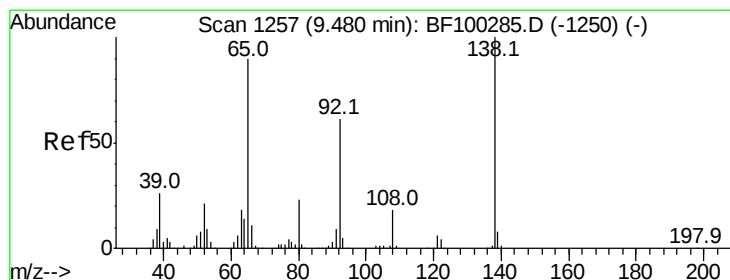
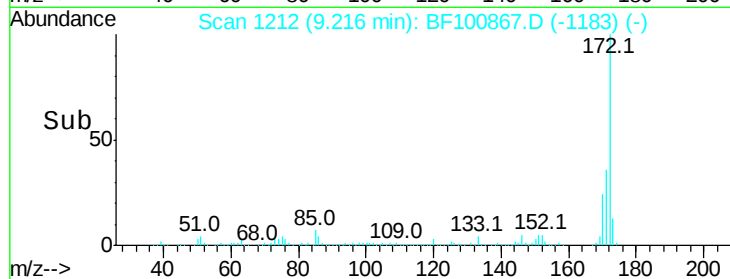
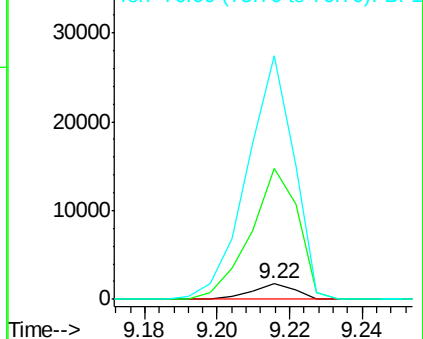
76 1570.2 0.0 34.0#



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: 3.292 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

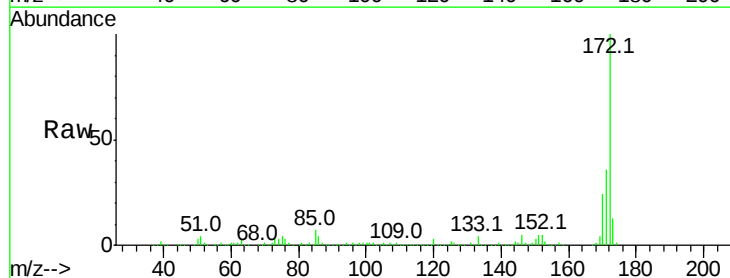
Tgt Ion: 65 Resp: 1263

Ion Ratio Lower Upper

65 100

92 227.5 55.8 83.6#

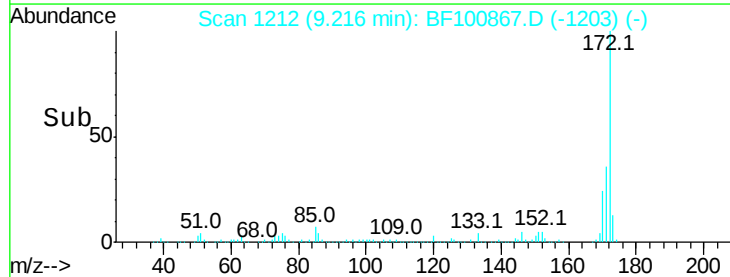
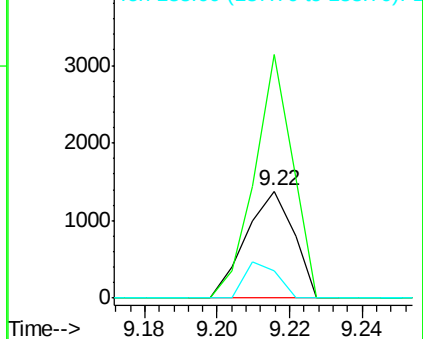
138 25.6 91.2 136.8#

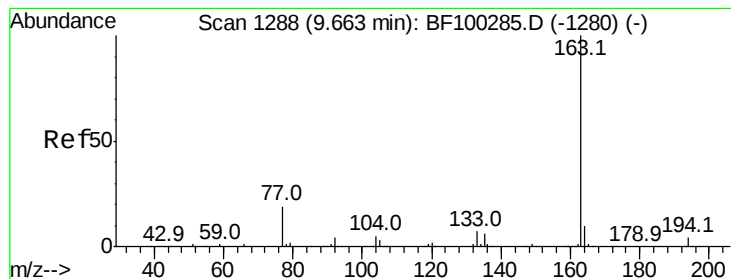


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 1.414 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

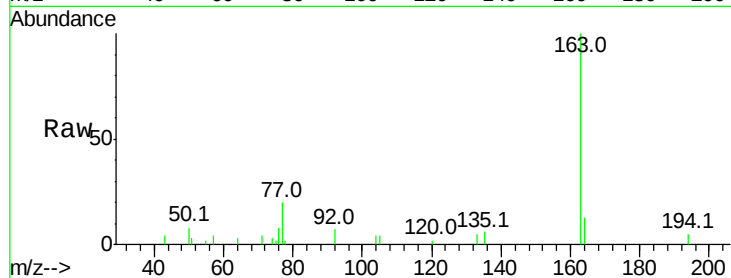
Tot Ion:163 Resp: 13649

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

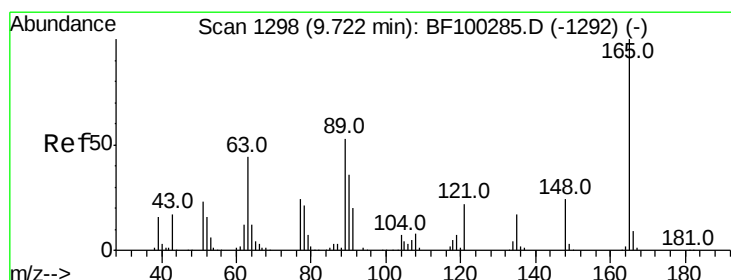
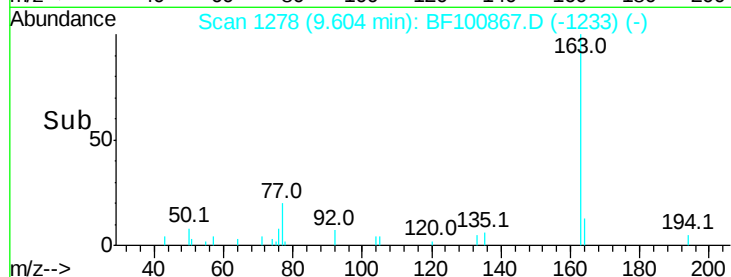
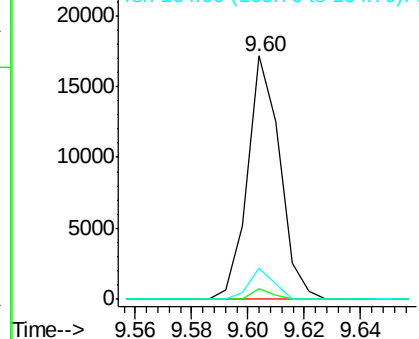
164 12.7 8.2 12.2#



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: 8.771 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

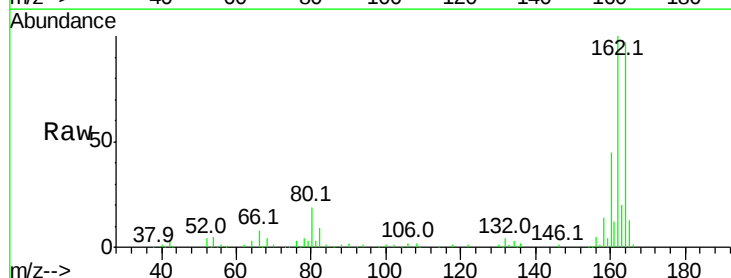
Tgt Ion:165 Resp: 16755

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

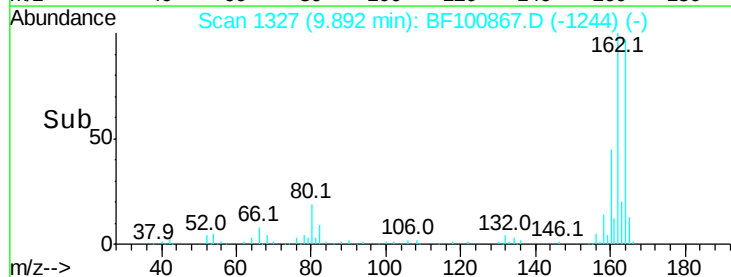
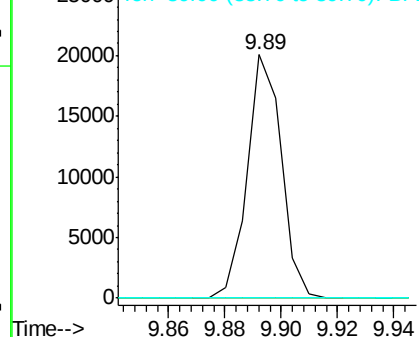
89 0.0 44.0 66.0#

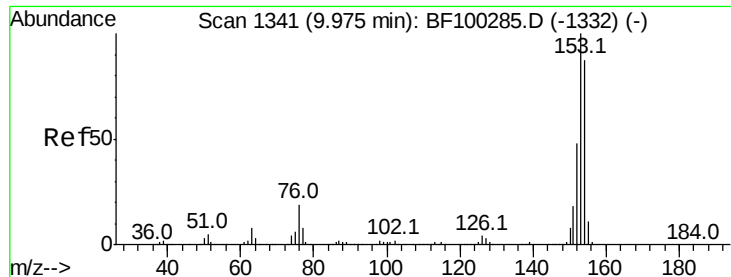


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.043 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.06 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

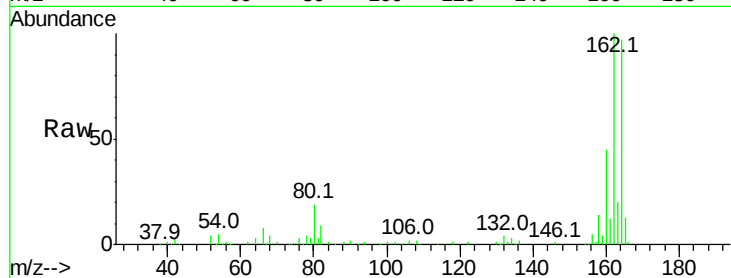
Tot Ion:154 Resp: 345

Ion Ratio Lower Upper

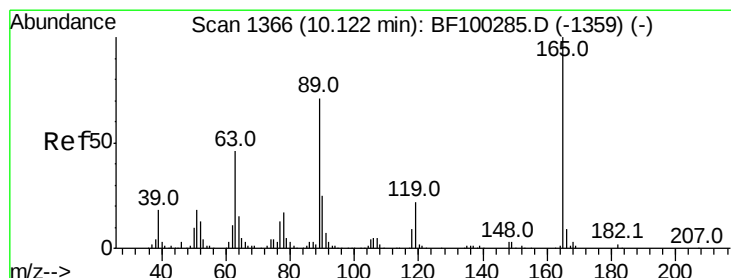
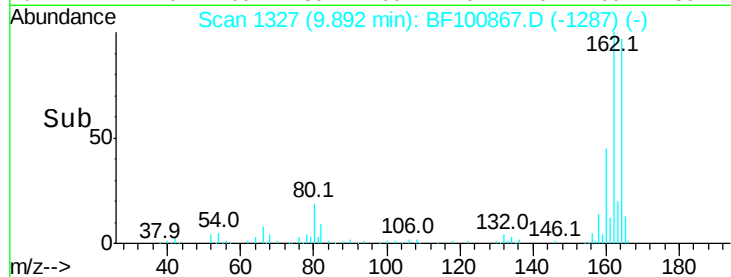
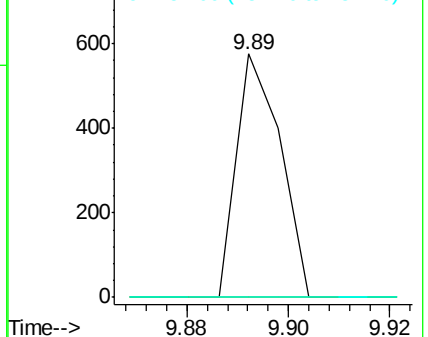
154 100

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: 6.953 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.22 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Tgt Ion:165 Resp: 16755

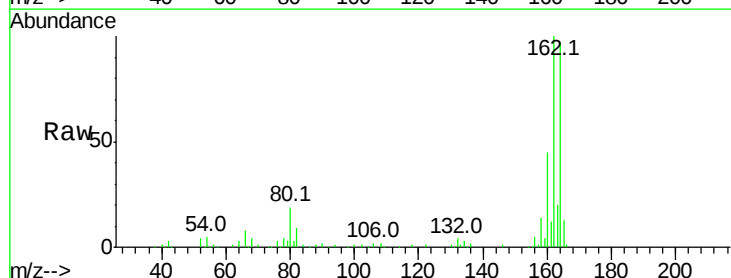
Ion Ratio Lower Upper

165 100

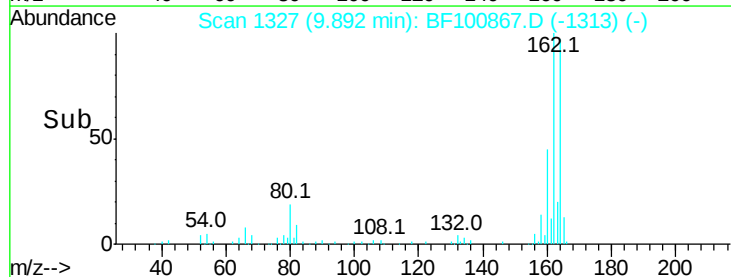
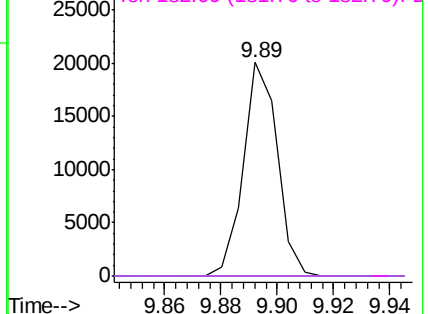
63 0.0 36.4 54.6#

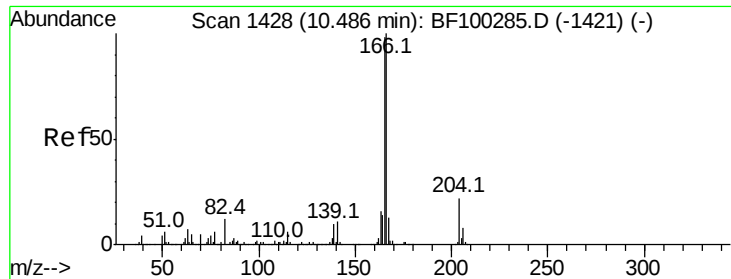
89 0.0 57.8 86.6#

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

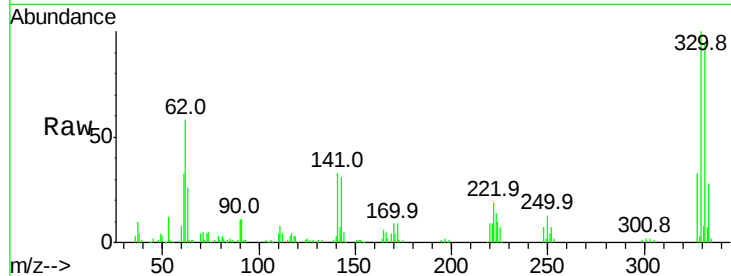




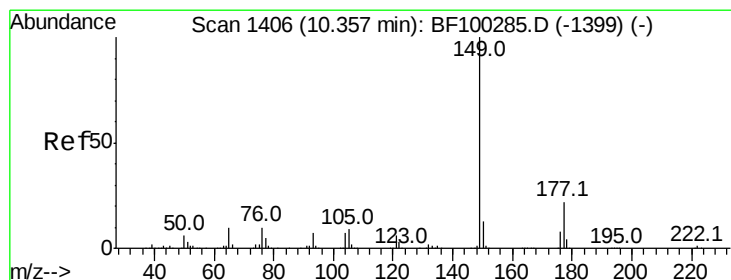
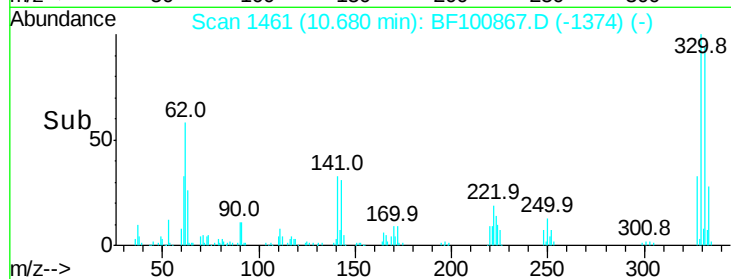
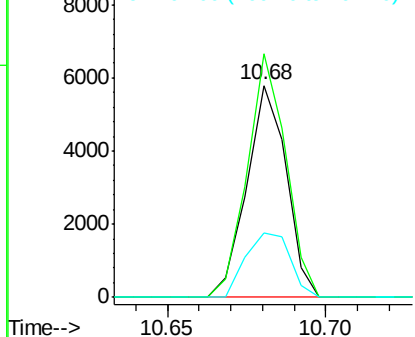
#57
 Fluorene
 Concen: 0.612 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.21 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 5019
 Ion Ratio Lower Upper
 166 100
 165 114.8 79.8 119.8
 167 30.2 10.6 16.0#

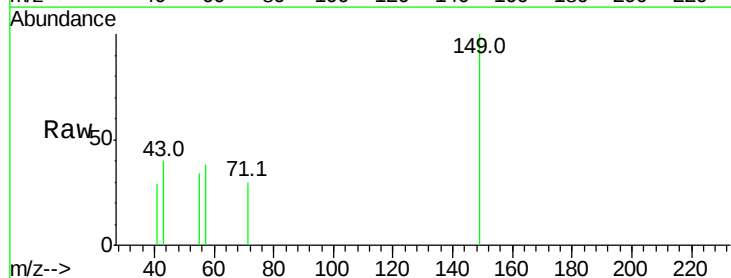


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

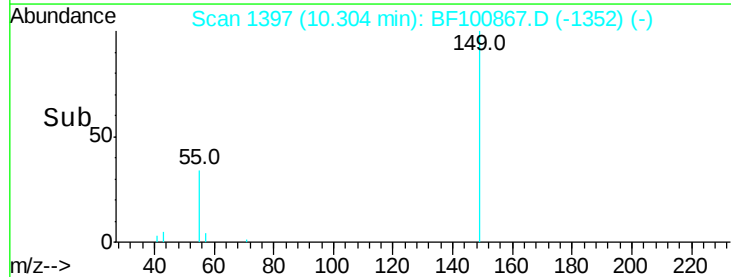
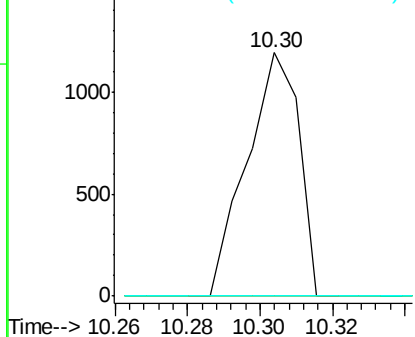


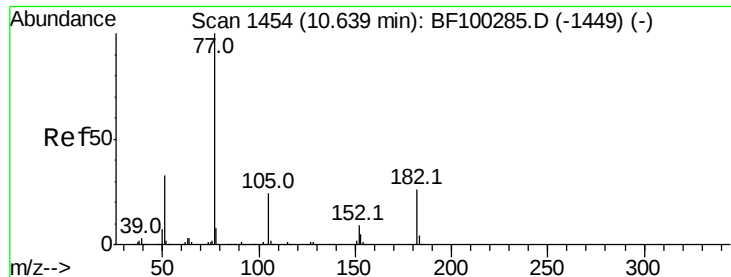
#59
 Diethylphthalate
 Concen: 0.123 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.04 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Tgt Ion:149 Resp: 1185
 Ion Ratio Lower Upper
 149 100
 177 0.0 16.1 24.1#
 150 0.0 10.1 15.1#



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

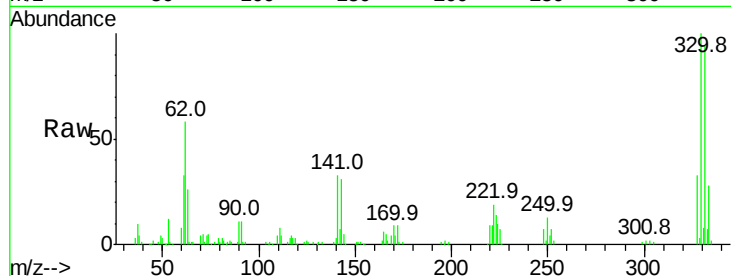




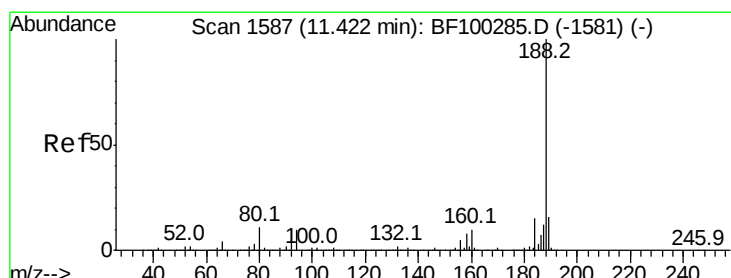
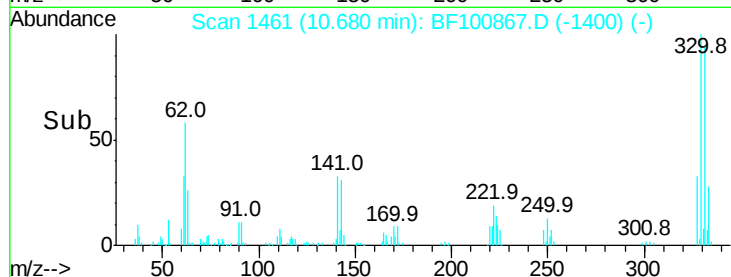
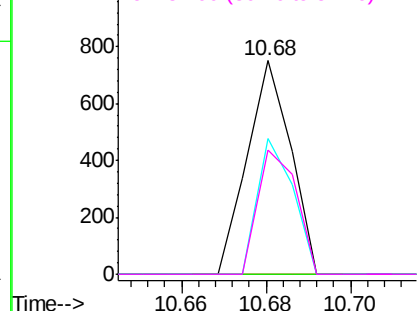
#62
Azobenzene
Concen: 0.059 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.06 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 537
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 63.6 3.0 43.0#
51 58.3 9.9 49.9#

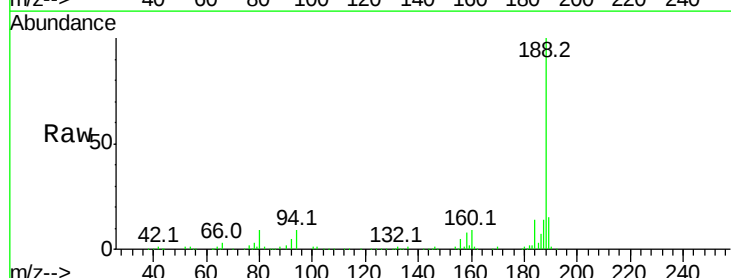


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

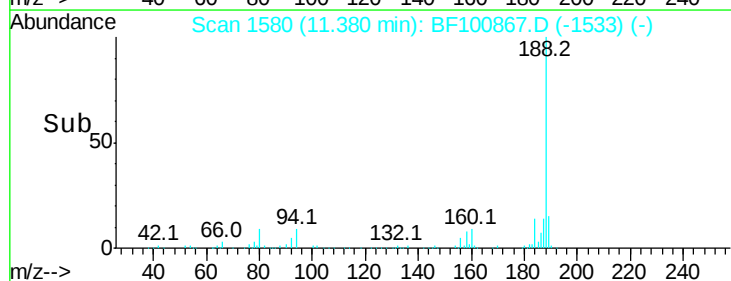
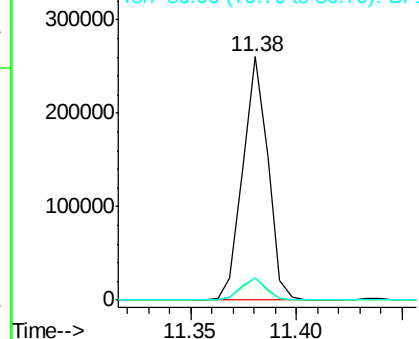


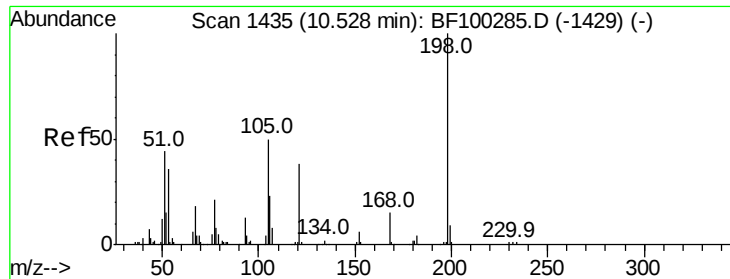
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Tgt Ion: 188 Resp: 212983
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.1 9.2 13.8#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 8.652 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.16 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

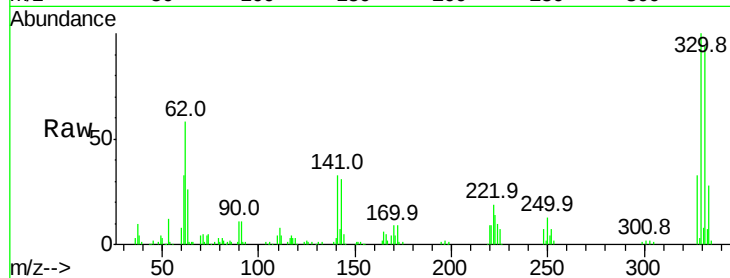
Tot Ion:198 Resp: 107

Ion Ratio Lower Upper

198 100

51 144.6 37.7 77.7#

105 157.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

600

500

400

300

200

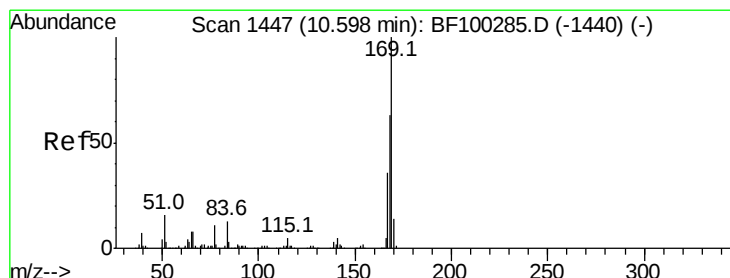
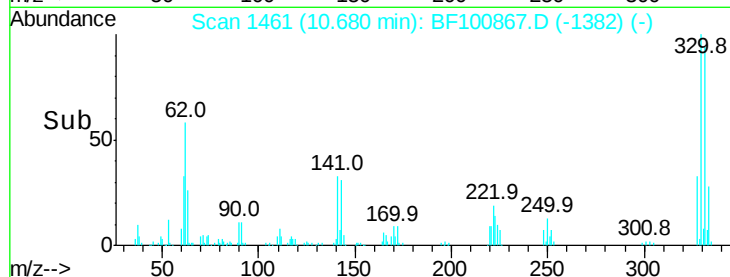
100

0

10.66

10.68

Time-->



#65

n-Nitrosodiphenylamine

Concen: 0.450 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.10 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

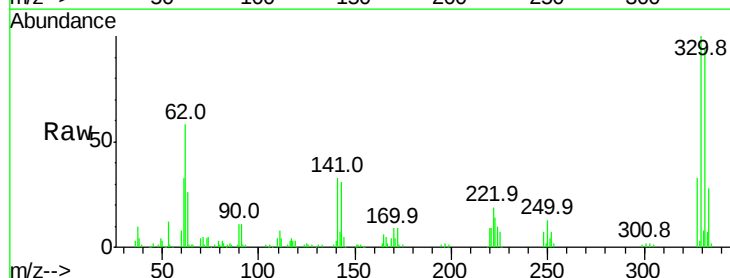
Tgt Ion:169 Resp: 3330

Ion Ratio Lower Upper

169 100

168 0.0 54.4 81.6#

167 44.2 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

5000

4000

3000

2000

1000

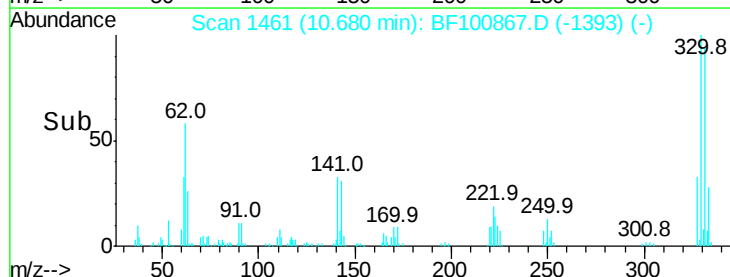
0

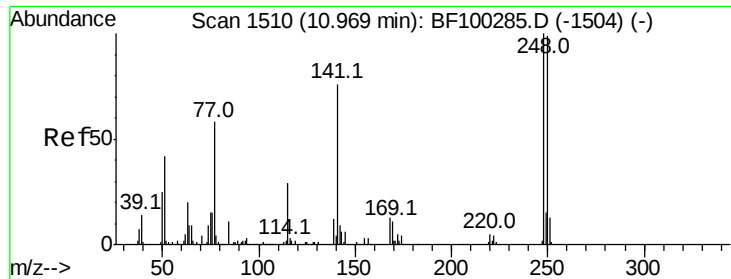
10.66

10.68

10.70

Time-->

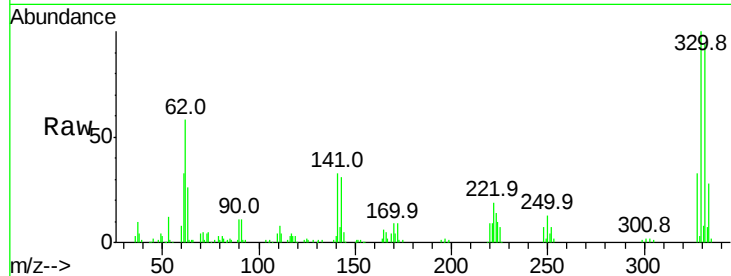




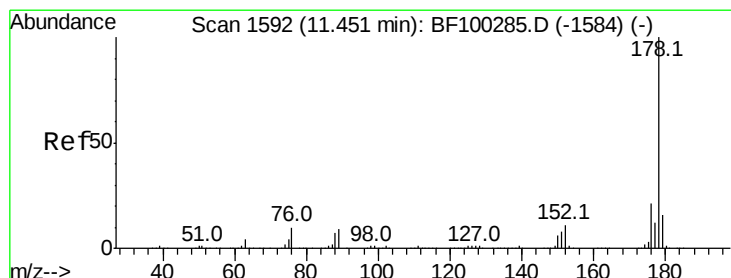
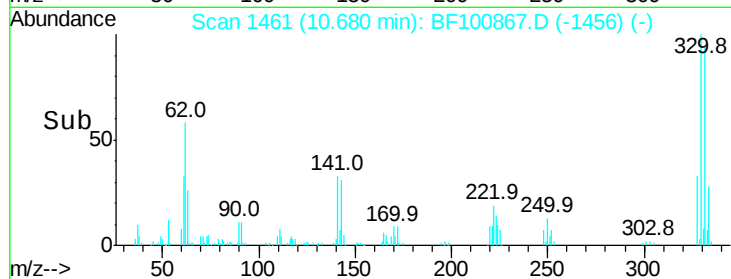
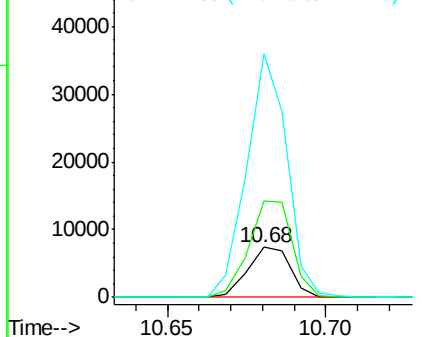
#66
 4-Bromophenyl-phenylether
 Concen: 3.039 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.27 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6939
 Ion Ratio Lower Upper
 248 100
 250 192.8 76.9 115.3#
 141 487.0 74.4 111.6#

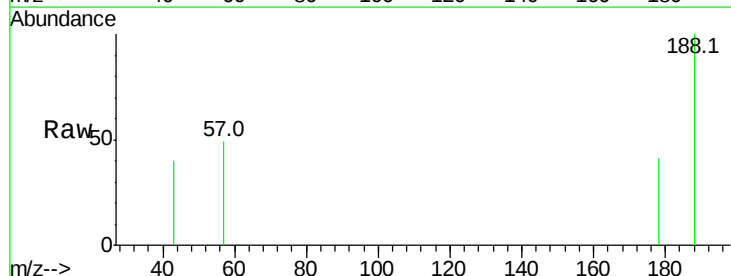


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

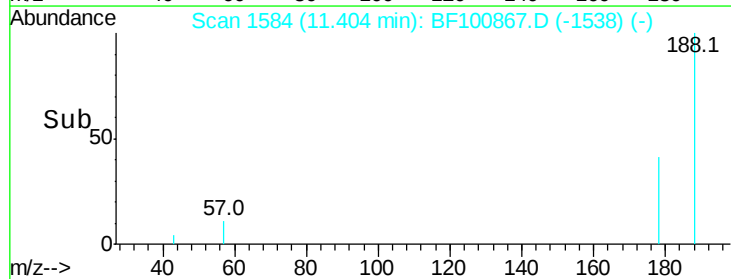
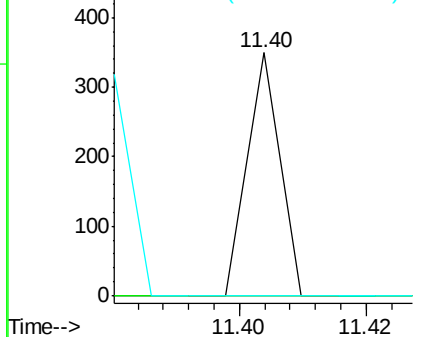


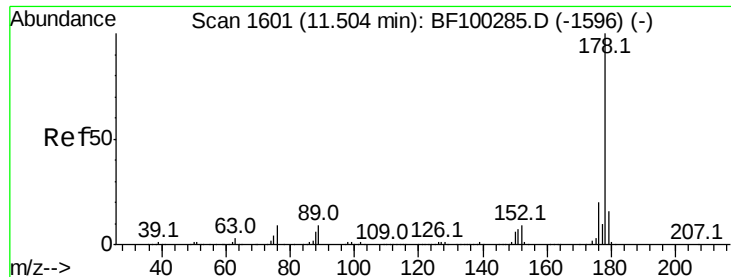
#70
 Phenanthrene
 Concen: 0.011 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Tgt Ion:178 Resp: 123
 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: 0.011 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.08 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

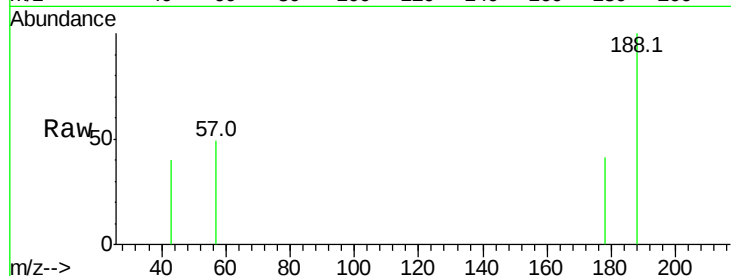
Tot Ion:178 Resp: 123

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

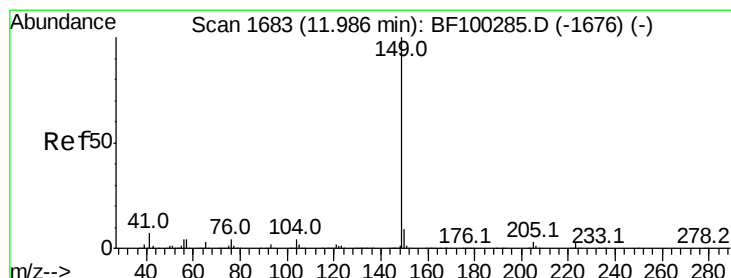
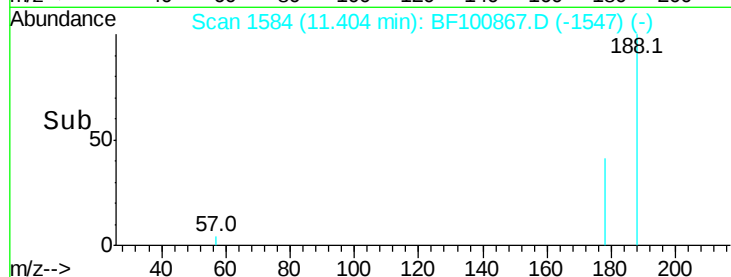
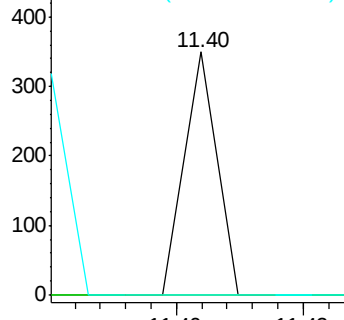
179 0.0 12.6 19.0#



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: 0.063 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

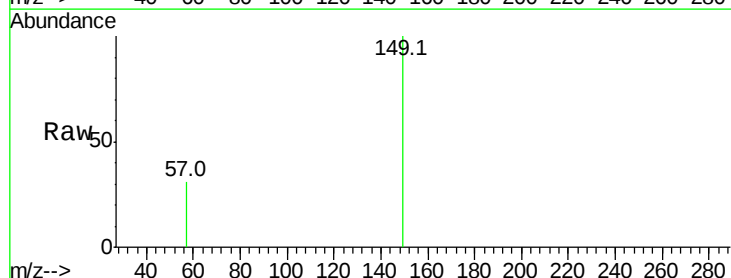
Tgt Ion:149 Resp: 780

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

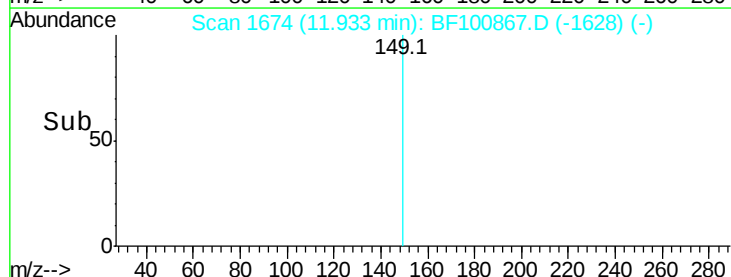
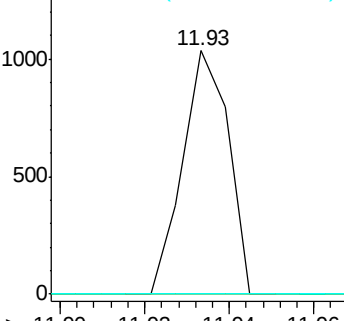
104 0.0 3.8 5.8#

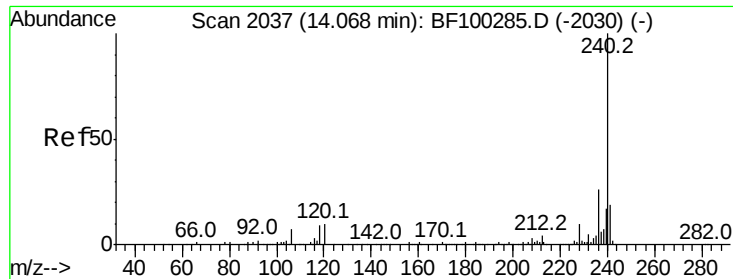


Abundance Ion 149.00 (148.70 to 149.70): E

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: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

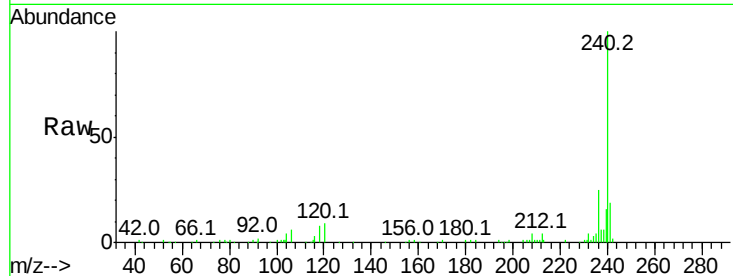
Tot Ion:240 Resp: 138986

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

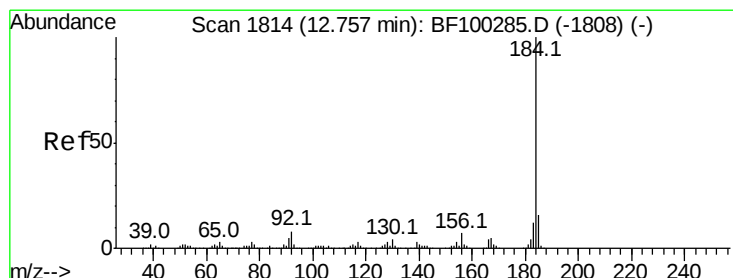
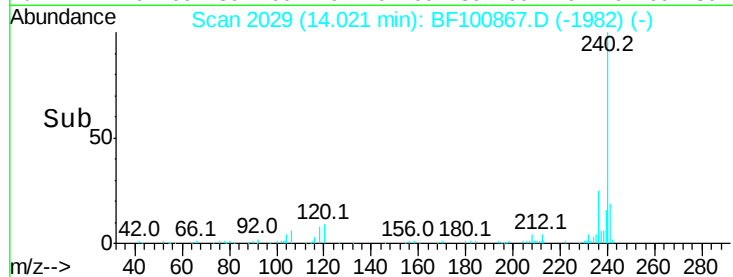
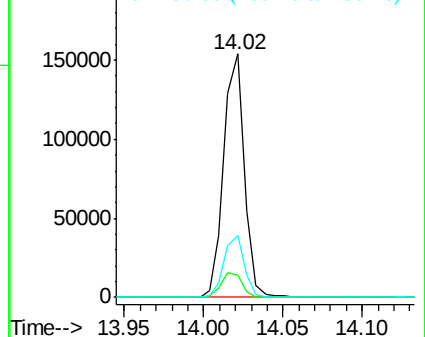
236 25.2 20.7 31.1



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: 1.158 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

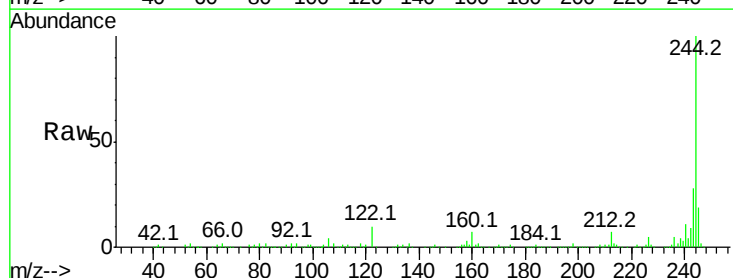
Tgt Ion:184 Resp: 6448

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

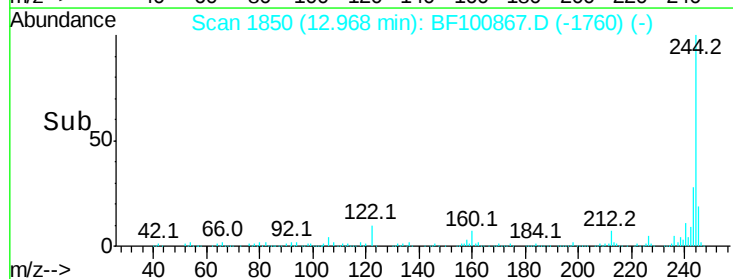
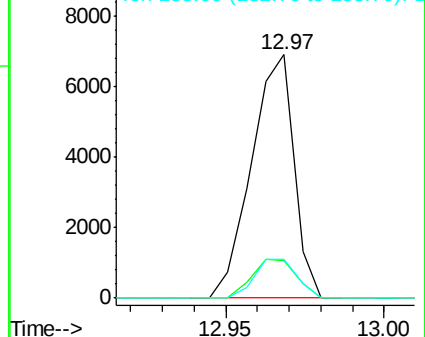
183 16.0 9.3 13.9#

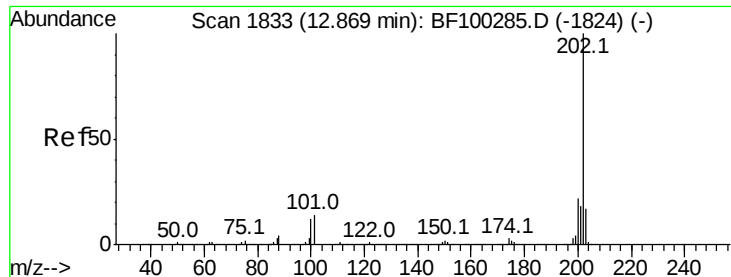


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.166 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.11 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

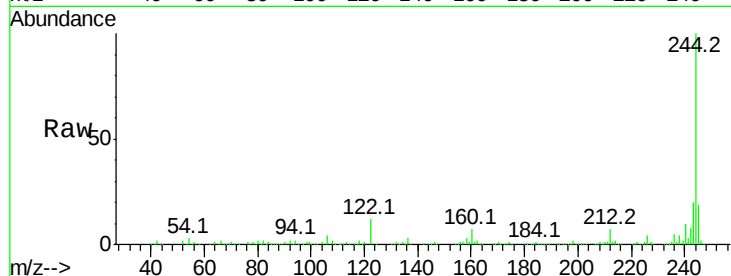
Tot Ion:202 Resp: 1643

Ion Ratio Lower Upper

202 100

200 44.8 17.4 26.2#

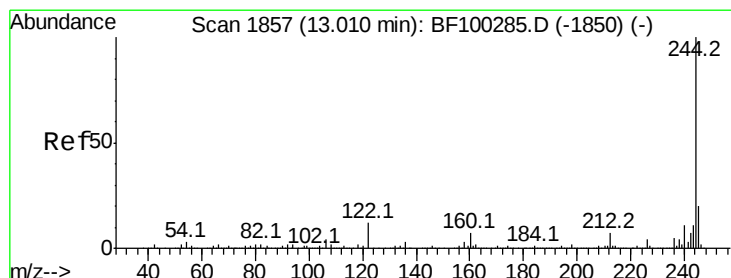
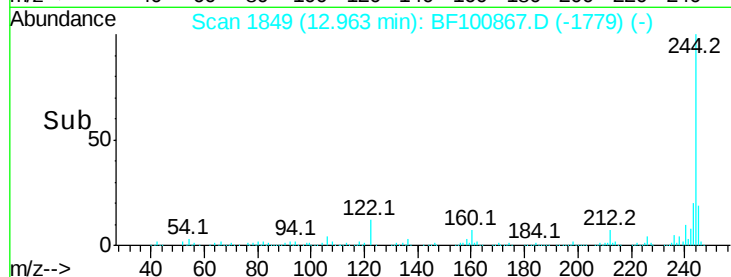
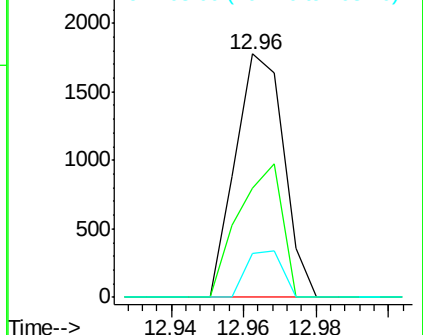
203 17.9 14.3 21.5



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: 90.435 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

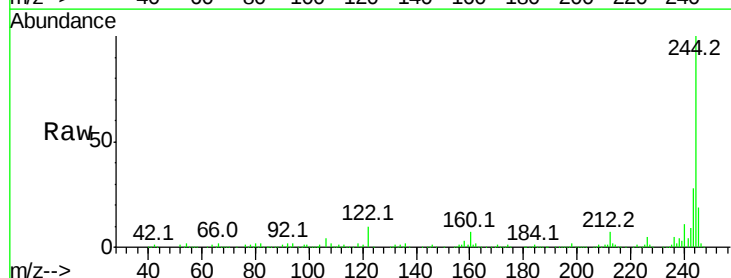
Tgt Ion:244 Resp: 547032

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

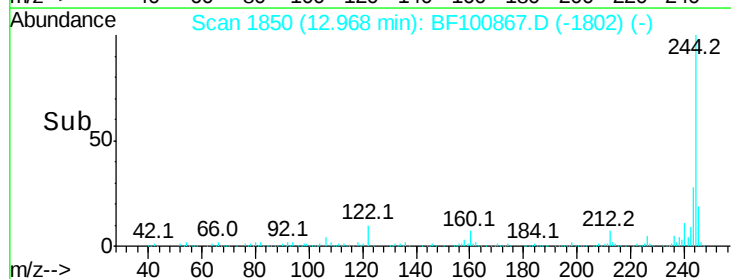
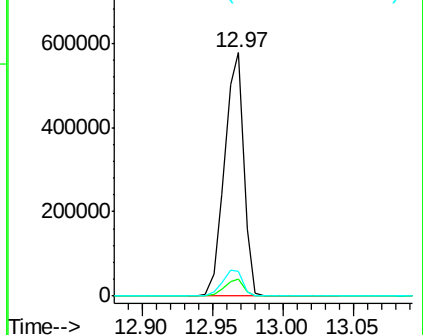
122 10.4 11.0 16.4#

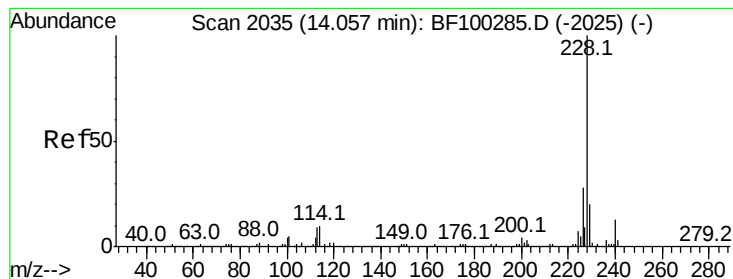


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.030 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

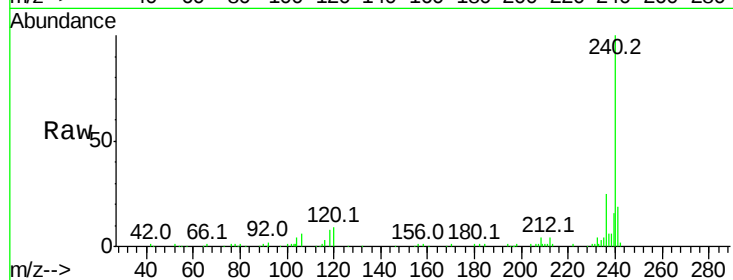
Tot Ion:228 Resp: 251

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

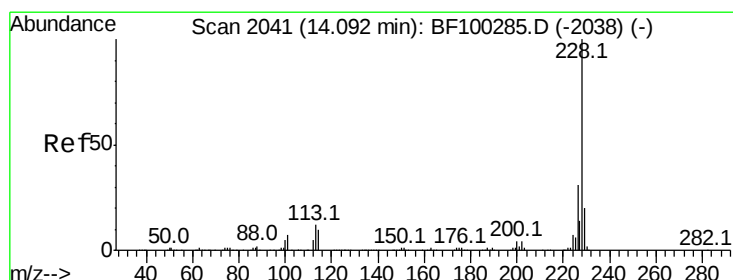
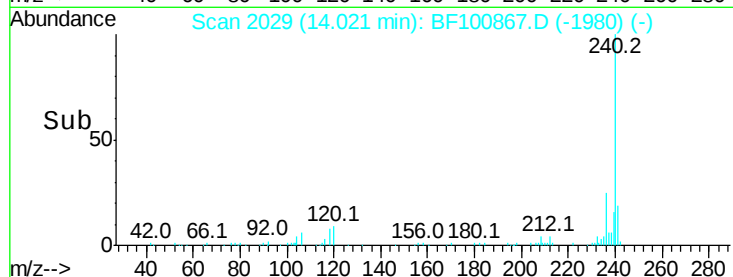
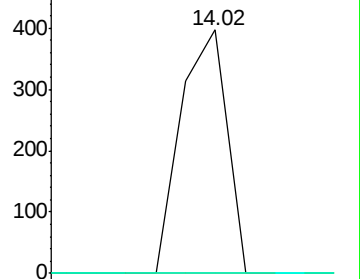
229 0.0 15.8 23.6#



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: 0.031 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.05 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

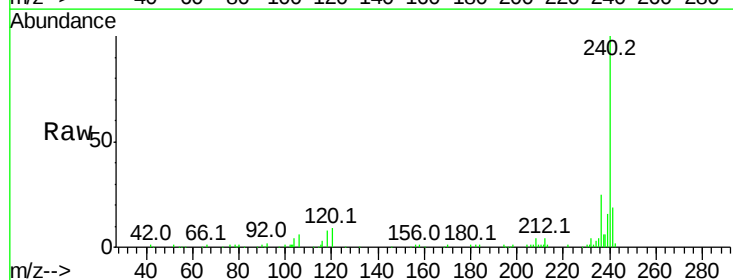
Tgt Ion:228 Resp: 251

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

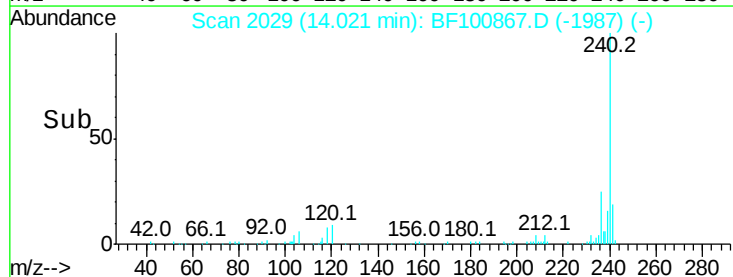
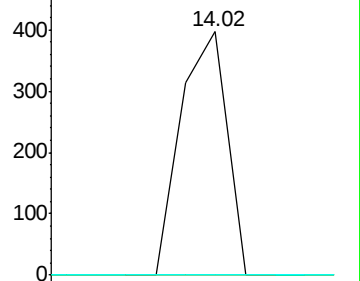
229 0.0 16.2 24.4#

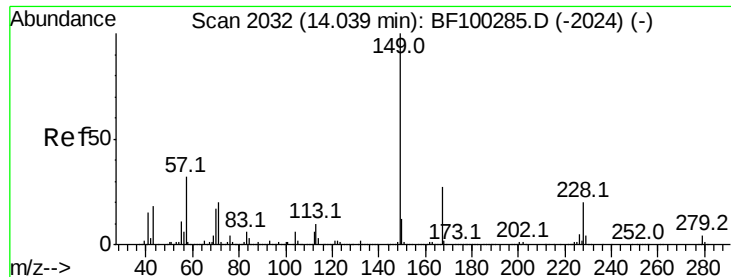


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

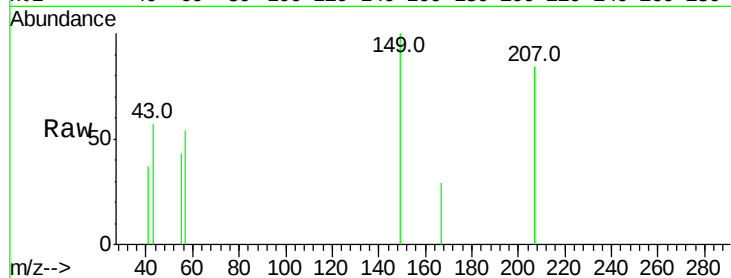




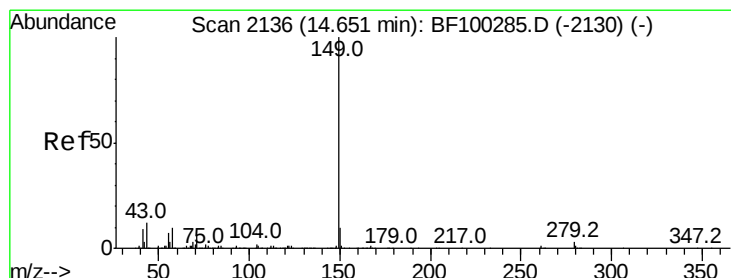
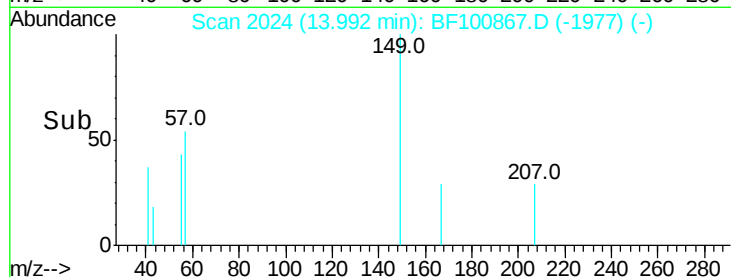
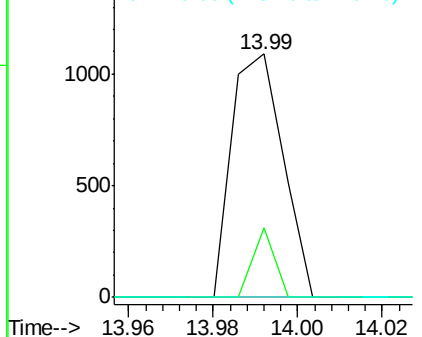
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.173 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 918
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.3 31.9
 279 0.0 3.0 4.4#

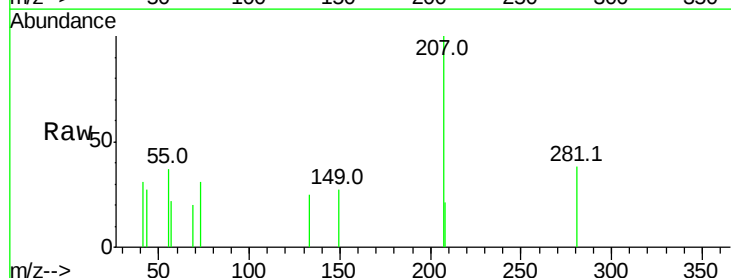


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

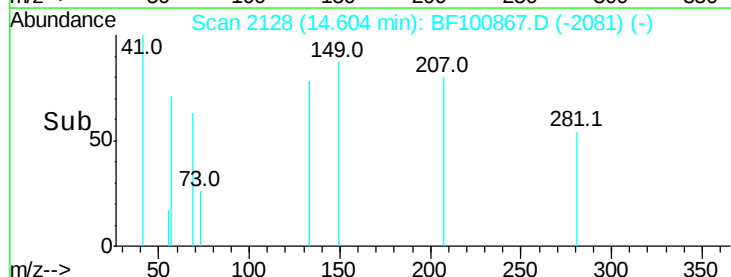
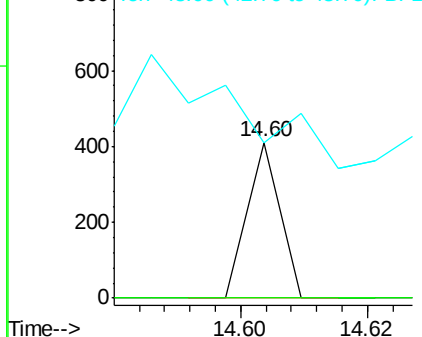


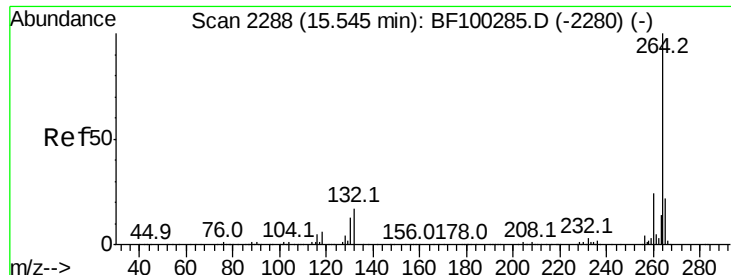
#84
 Di-n-octyl phthalate
 Concen: 0.016 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BF100867.D
 Acq: 23 Nov 2017 11:33

Tgt Ion:149 Resp: 145
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 246.9 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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

Instrument :

BNA_F

ClientSampleId :

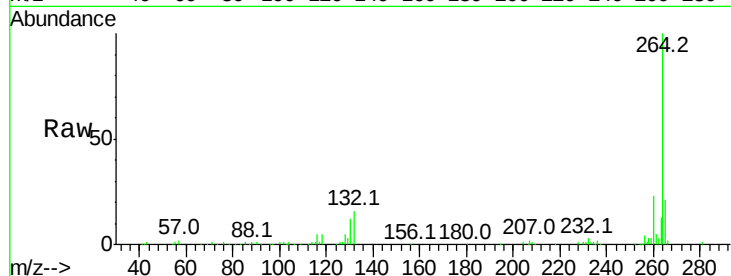
Tot Ion:264 Resp: 152705

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

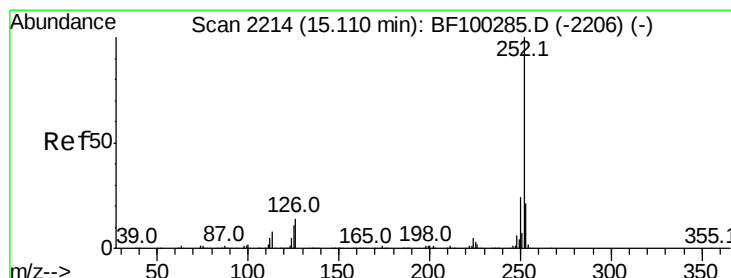
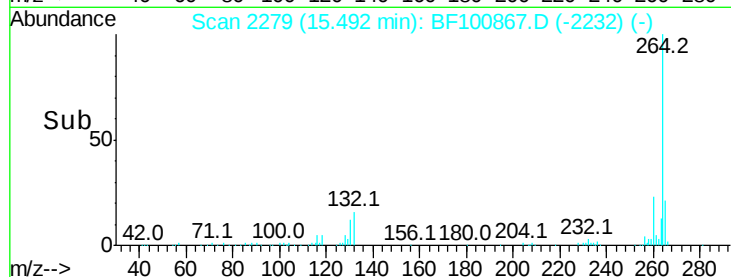
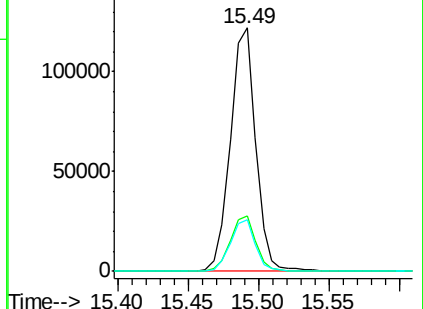
265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.052 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BF100867.D

Acq: 23 Nov 2017 11:33

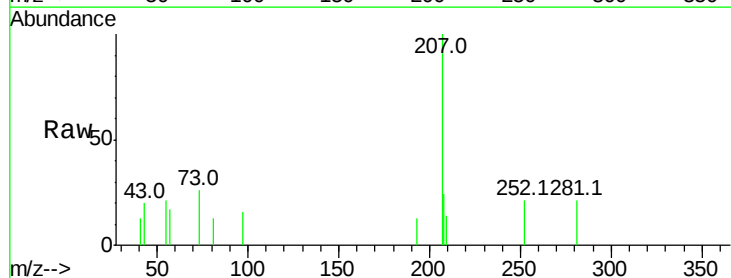
Tgt Ion:252 Resp: 472

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.6#

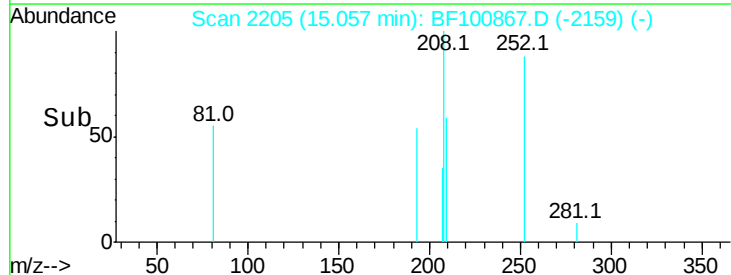
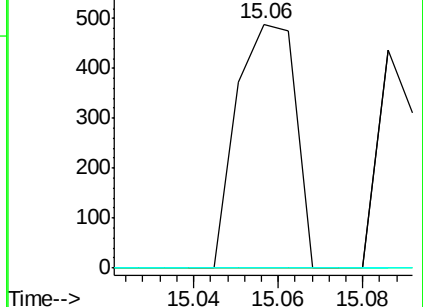
125 0.0 9.0 13.6#

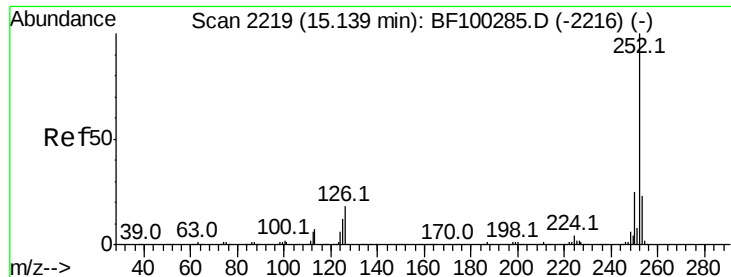


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

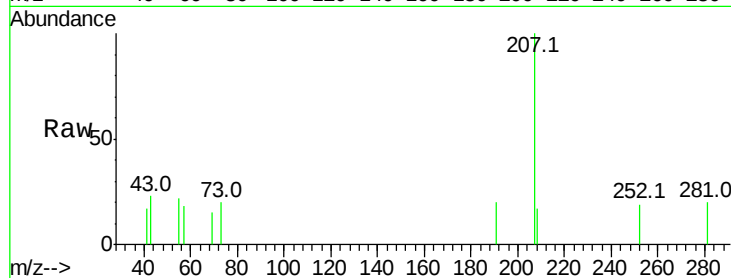




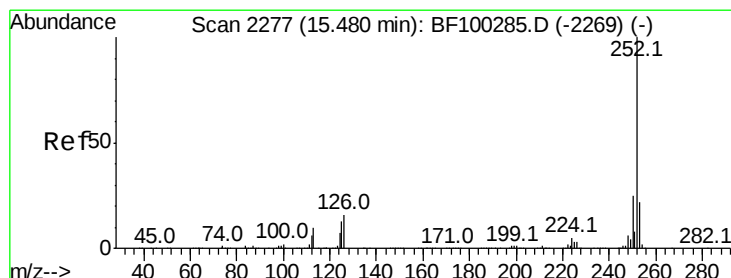
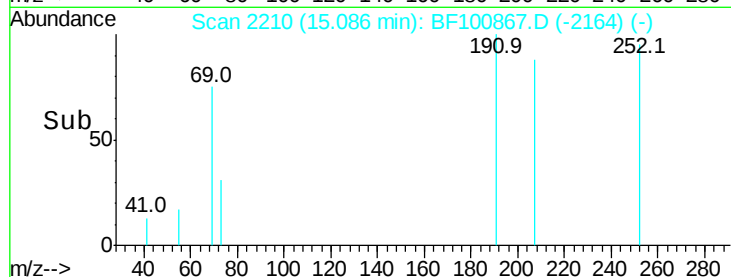
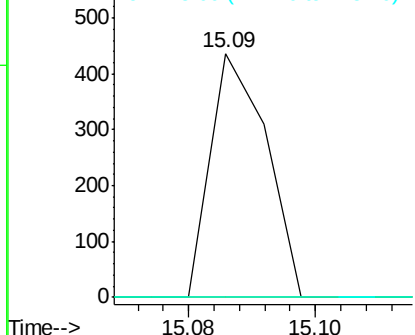
#88
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 263
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#

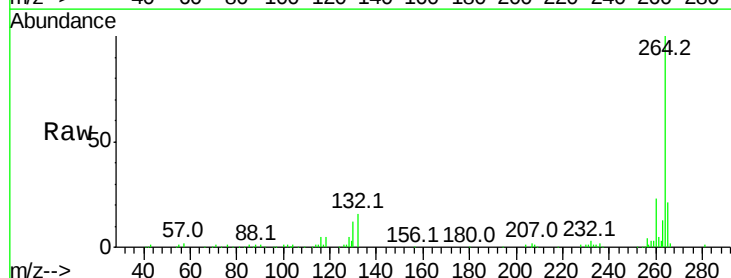


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.034 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF100867.D
Acq: 23 Nov 2017 11:33

Tgt Ion:252 Resp: 274
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

