

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100869.D
 Acq On : 23 Nov 2017 12:26
 Operator : SJ/JU
 Sample : I6567-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:53:44 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	86807	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	323874	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	145585	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	242003	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	159709	20.00	ng	-0.02
86) Perylene-d12	15.49	264	178863	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	187508	34.63	ng	-0.02
7) Phenol-d6	6.48	99	145292	21.76	ng	-0.03
23) Nitrobenzene-d5	7.43	82	491735	100.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	121349	81.80	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	941453	98.47	ng	-0.02
78) Terphenyl-d14	12.97	244	623548	89.71	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.49	93	330	0.035	ng	# 1
9) Benzaldehyde	6.63	77	7375	1.546	ng	# 79
10) Phenol	6.49	94	12240	1.746	ng	# 98
11) bis(2-Chloroethyl)ether	6.63	93	355	0.060	ng	# 1
15) Benzyl Alcohol	7.02	79	8044	1.543	ng	# 43
17) 2-Methylphenol	7.00	107	124	0.025	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	65042	14.045	ng	# 79
20) 3+4-Methylphenols	7.00	107	124	0.020	ng	# 1
24) Nitrobenzene	7.42	77	1039	0.206	ng	# 33
25) Isophorone	7.43	82	491731	47.767	ng	# 64
31) Naphthalene	8.16	128	16002	1.026	ng	# 97
33) 4-Chloroaniline	8.16	127	2033	0.313	ng	# 35
37) 2-Methylnaphthalene	8.85	142	2438	0.235	ng	# 92
45) 1,1'-Biphenyl	9.32	154	740	0.059	ng	# 80
47) 2-Nitroaniline	9.22	65	1315	3.243	ng	# 1
48) Acenaphthylene	9.93	152	2149	0.142	ng	# 1
49) Dimethylphthalate	9.60	163	11211	1.009	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	18376	8.352	ng	# 24
51) Acenaphthene	9.93	154	3978	0.432	ng	# 92
54) Dibenzofuran	10.10	168	3711	0.288	ng	# 96
55) 4-Nitrophenol	10.10	139	1178	0.558	ng	# 9
56) 2,4-Dinitrotoluene	9.89	165	18376	6.620	ng	# 21
57) Fluorene	10.44	166	3579	0.379	ng	# 90
59) Diethylphthalate	10.30	149	3993	0.359	ng	# 95
62) Azobenzene	10.68	77	439	0.042	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3723	0.442	ng	# 44
66) 4-Bromophenyl-phenylether	10.69	248	7637	2.944	ng	# 1
70) Phenanthrene	11.40	178	12190	0.957	ng	# 97
71) Anthracene	11.40	178	12190	0.943	ng	# 98
72) Carbazole	11.62	167	946	0.079	ng	# 59
73) Di-n-butylphthalate	11.94	149	2012	0.144	ng	# 78
74) Fluoranthene	12.59	202	3993	0.296	ng	# 89
76) Benzidine	12.97	184	7173	1.121	ng	# 91
77) Pyrene	12.82	202	2560	0.225	ng	# 92

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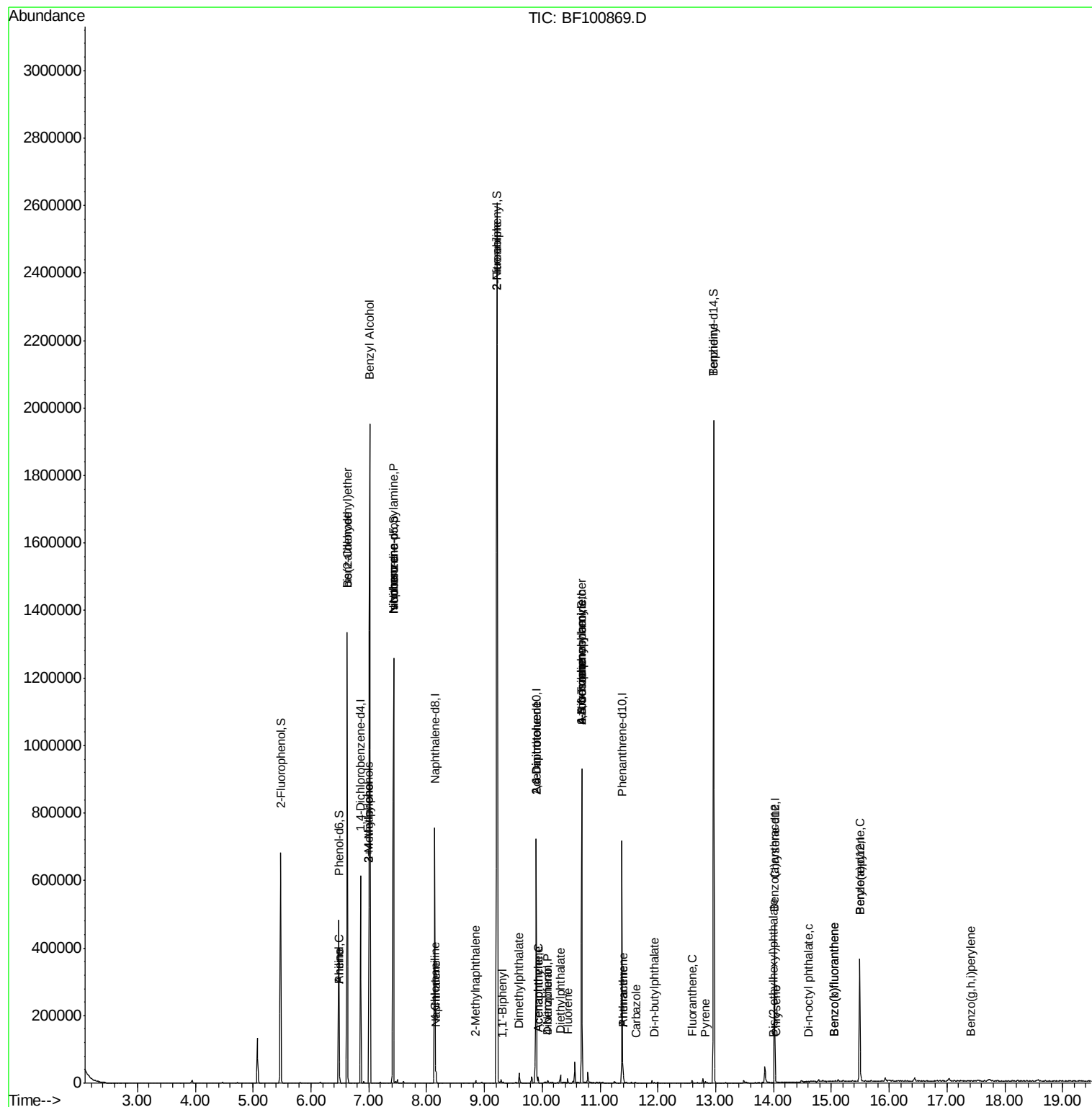
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	14.01	228	696	0.072	nq	# 51
82) Chrysene	14.04	228	384	0.041	nq	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	804	0.132	nq	# 86
84) Di-n-octyl phthalate	14.60	149	347	0.033	nq	# 75
87) Benzo(b)fluoranthene	15.06	252	495	0.047	nq	# 60
88) Benzo(k)fluoranthene	15.06	252	495	0.049	nq	# 59
89) Benzo(a)pyrene	15.49	252	504	0.054	nq	# 60
91) Benzo(a,h,i)perylene	17.40	276	106	0.014	nq	# 50

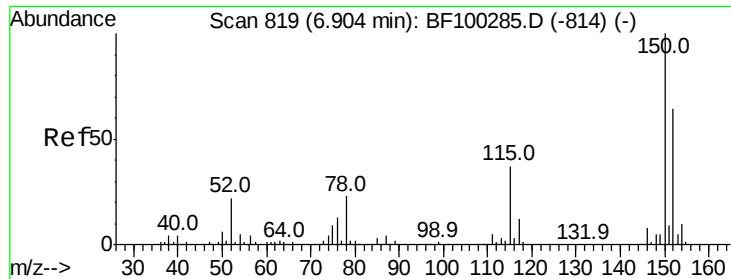
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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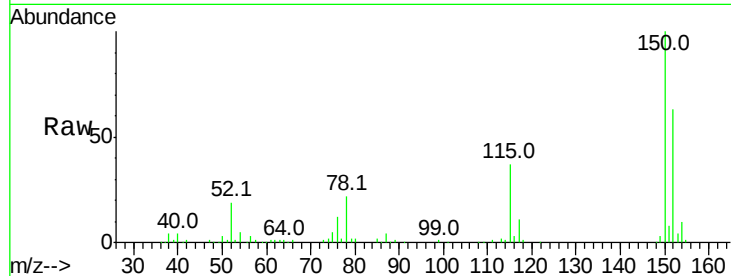


#1

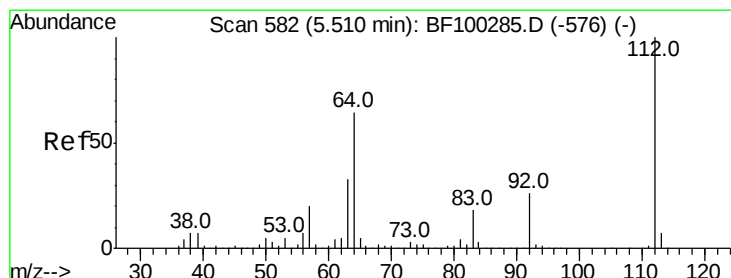
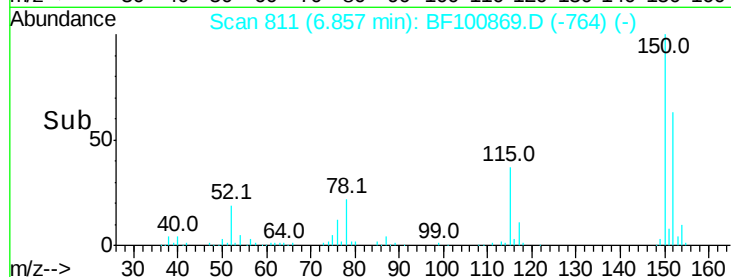
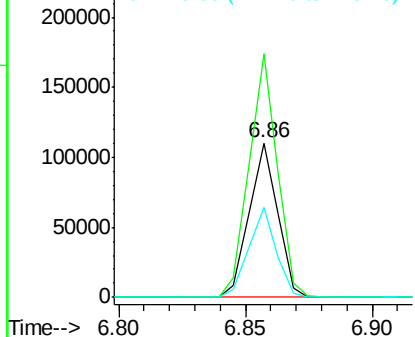
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86807
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 58.2 50.1 75.1



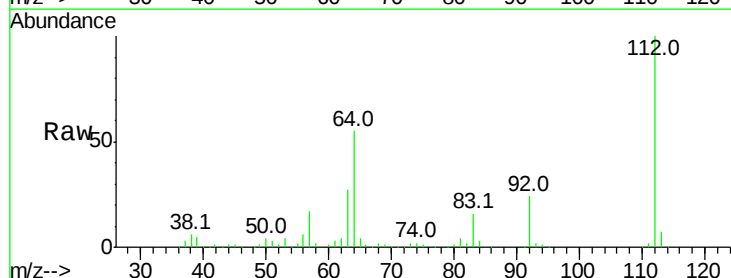
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



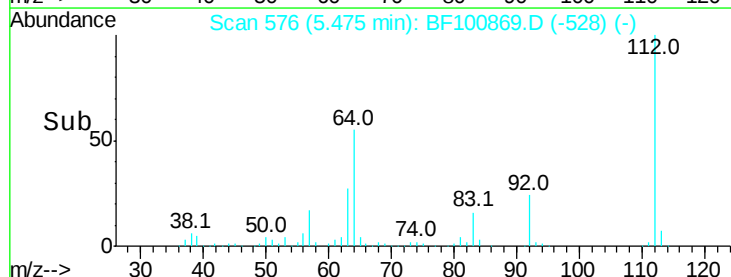
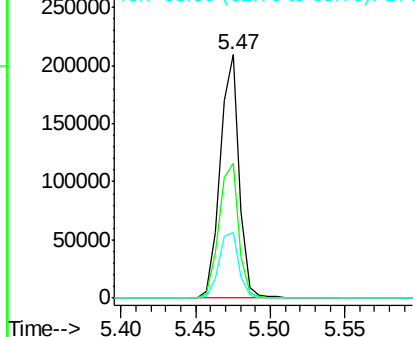
#5

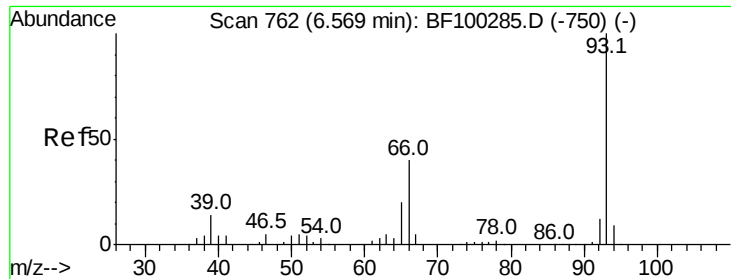
2-Fluorophenol
Concen: 34.625 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion:112 Resp: 187508
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.2 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: 0.035 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

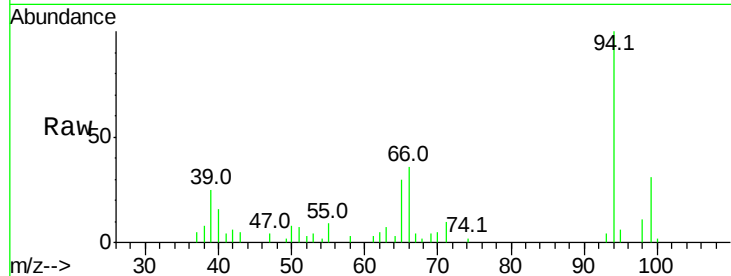
Tot Ion: 93 Resp: 330

Ion Ratio Lower Upper

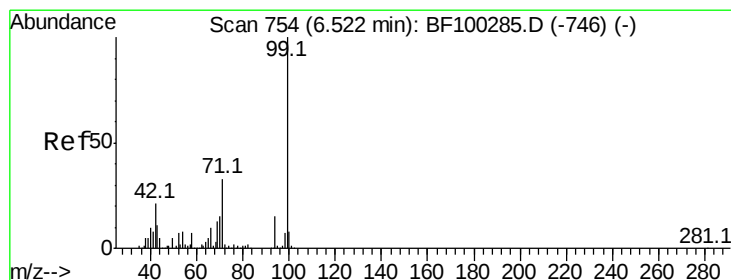
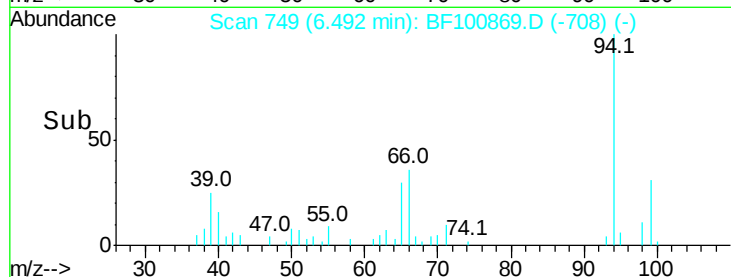
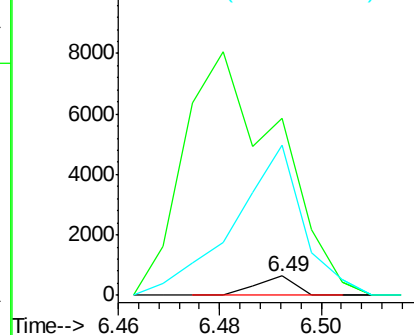
93 100

66 921.1 32.2 48.2#

65 781.9 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: 21.757 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

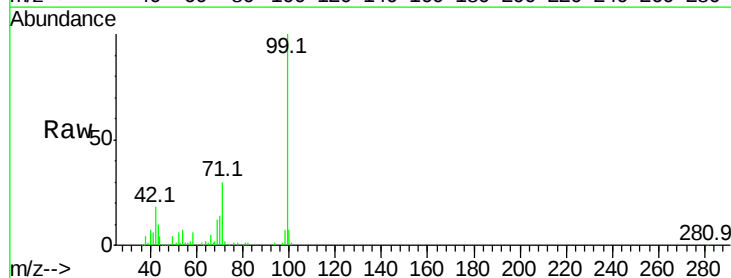
Tgt Ion: 99 Resp: 145292

Ion Ratio Lower Upper

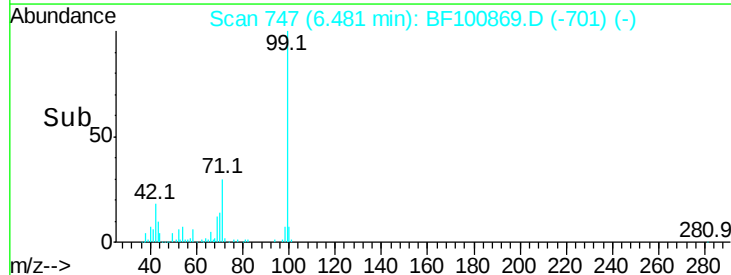
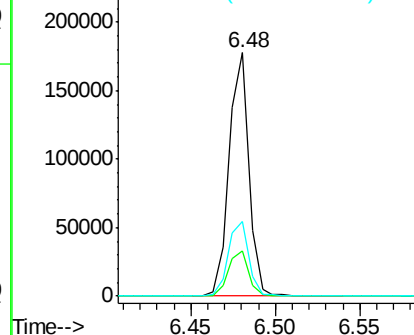
99 100

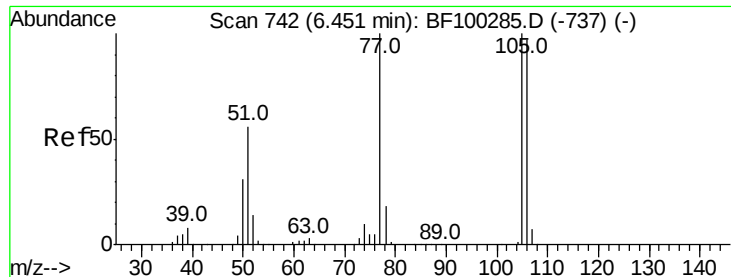
42 18.3 14.5 21.7

71 30.5 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

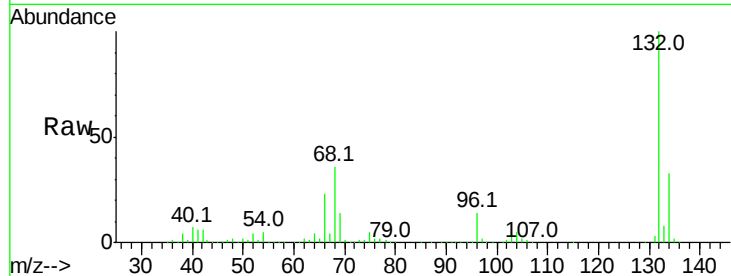




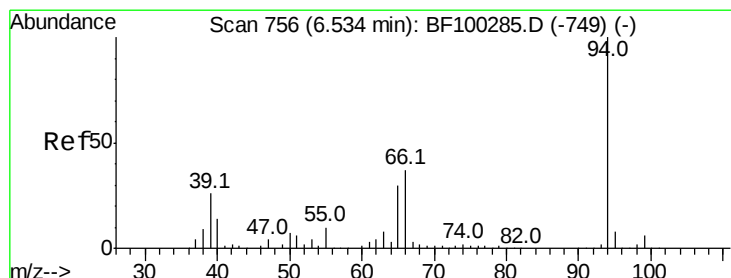
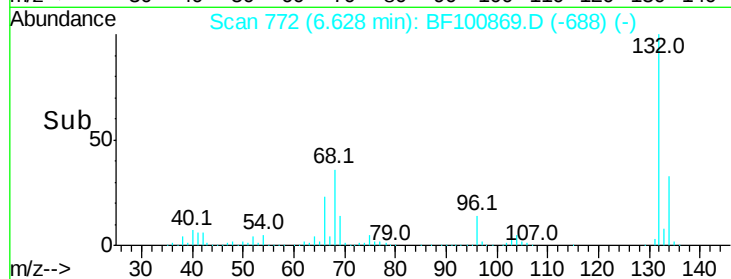
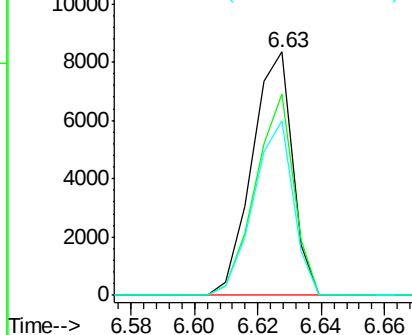
#9
Benzaldehyde
Concen: 1.546 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.19 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 7375
Ion Ratio Lower Upper
77 100
105 82.6 81.1 121.1
106 71.7 74.5 114.5#

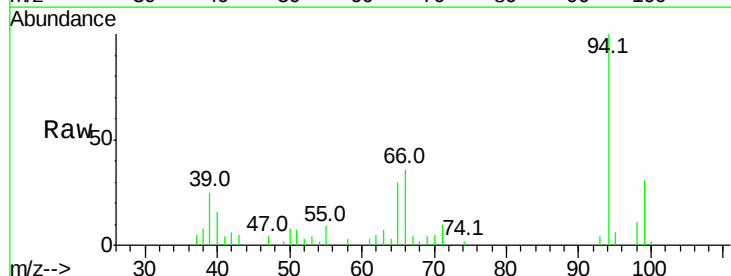


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

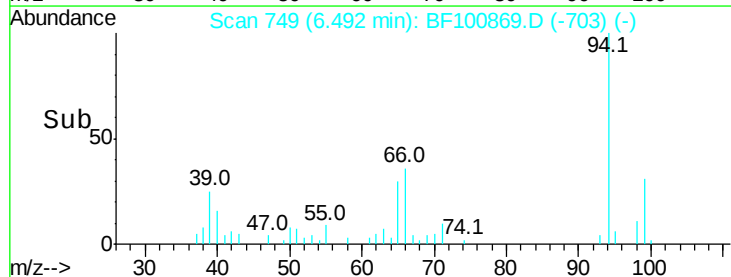
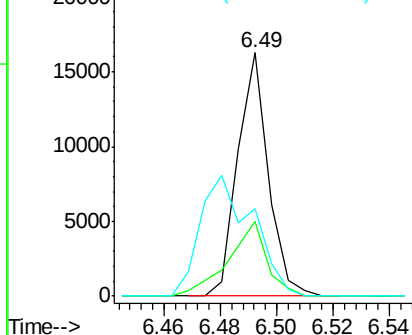


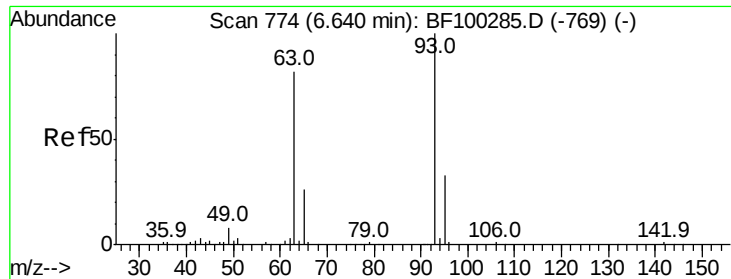
#10
Phenol
Concen: 1.746 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion: 94 Resp: 12240
Ion Ratio Lower Upper
94 100
65 30.5 7.9 47.9
66 35.9 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: 0.060 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

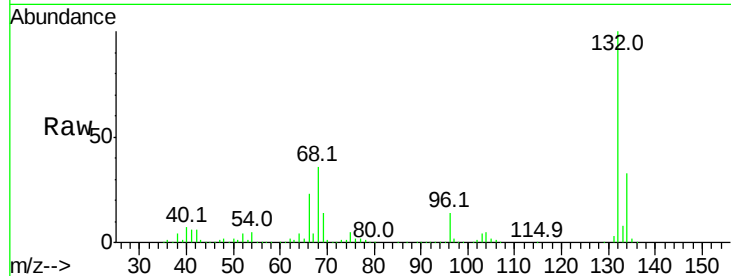
Tot Ion: 93 Resp: 355

Ion Ratio Lower Upper

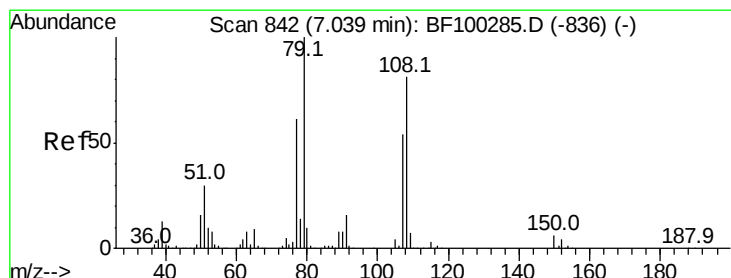
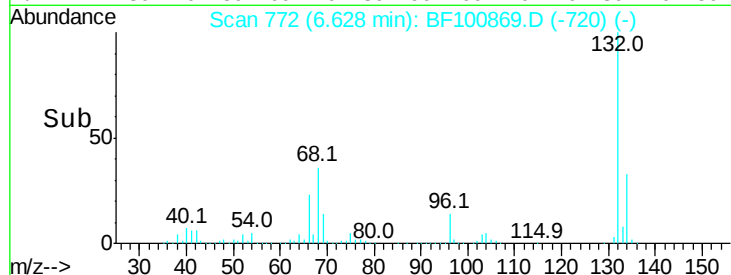
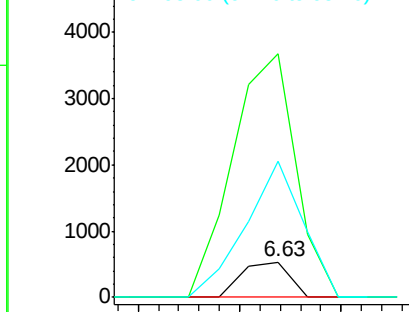
93 100

63 684.2 58.6 98.6#

95 381.8 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: 1.543 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

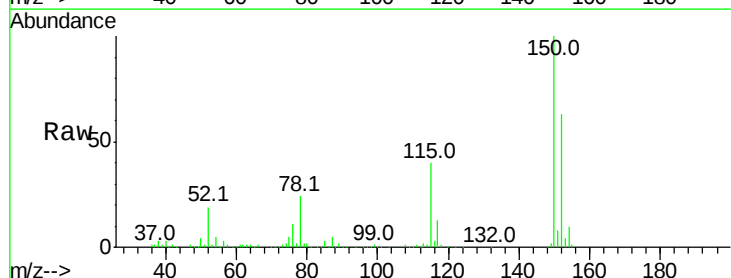
Tgt Ion: 79 Resp: 8044

Ion Ratio Lower Upper

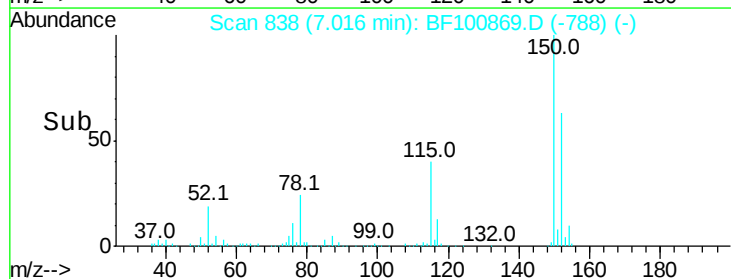
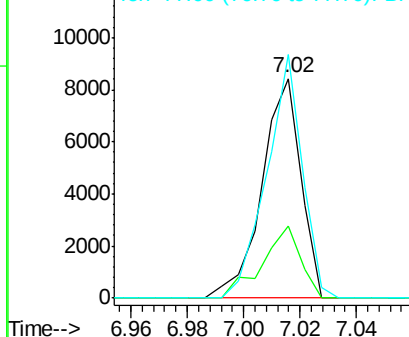
79 100

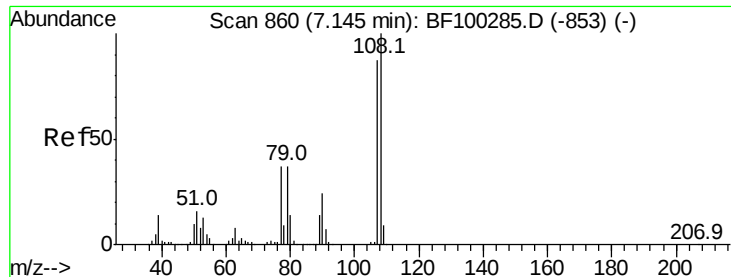
108 33.1 65.1 97.7#

77 110.7 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

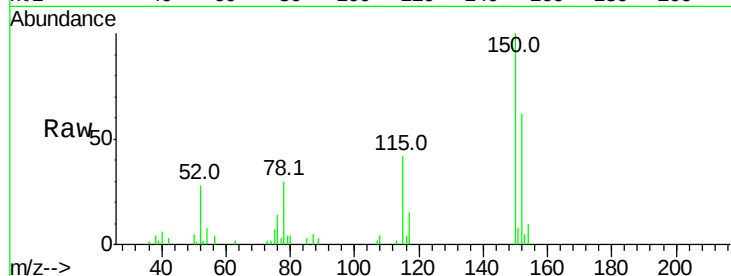




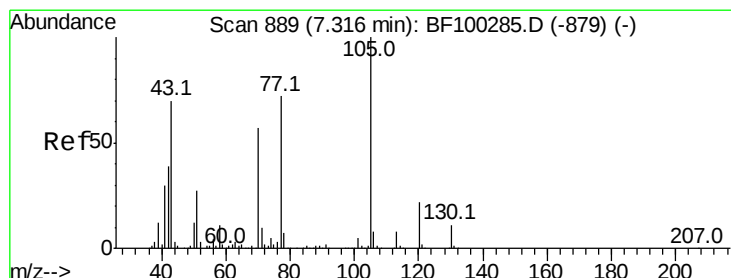
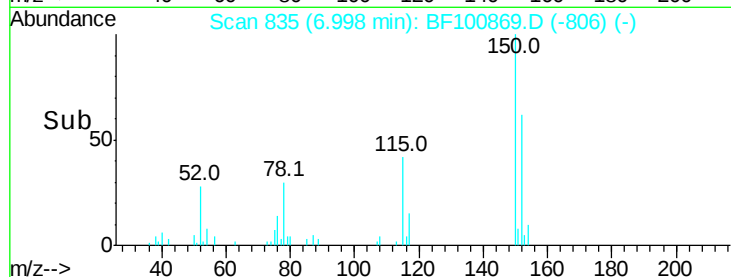
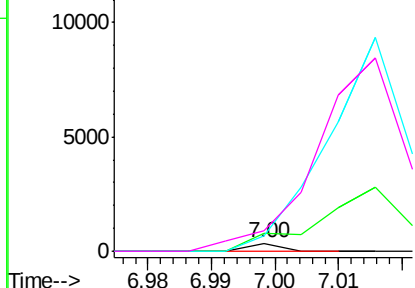
#17
2-Methylphenol
Concen: 0.025 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.13 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion: 107 Resp: 124
Ion Ratio Lower Upper
107 100
108 226.4 91.7 137.5#
77 190.6 33.8 50.8#
79 255.1 33.8 50.8#



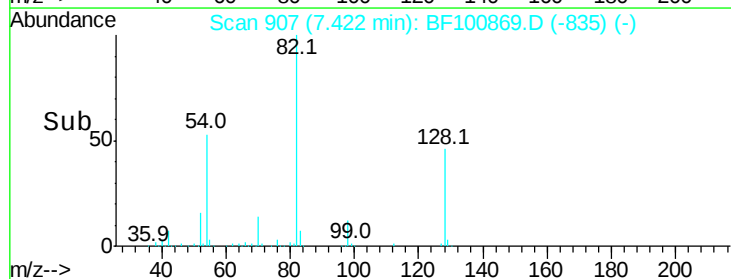
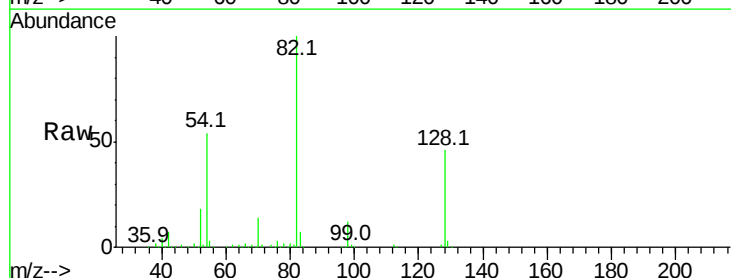
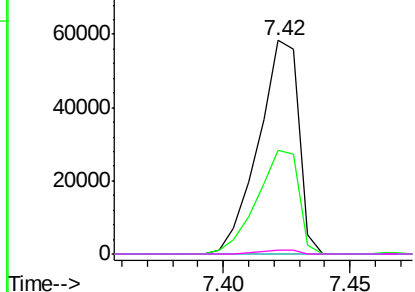
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

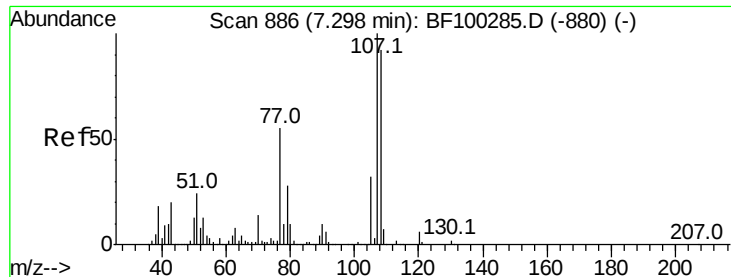


#19
n-Nitroso-di-n-propylamine
Concen: 14.045 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion: 70 Resp: 65042
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): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.020 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.28 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 124

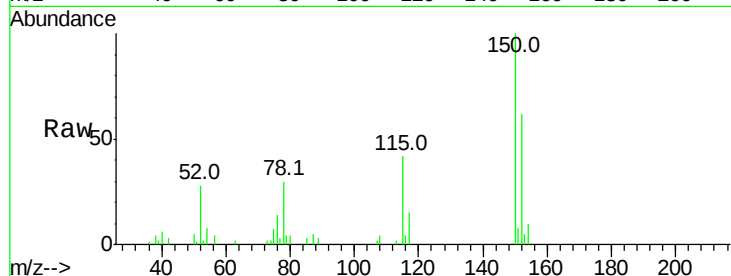
Ion Ratio Lower Upper

107 100

108 226.4 68.2 108.2#

77 190.6 26.7 66.7#

79 255.1 6.3 46.3#

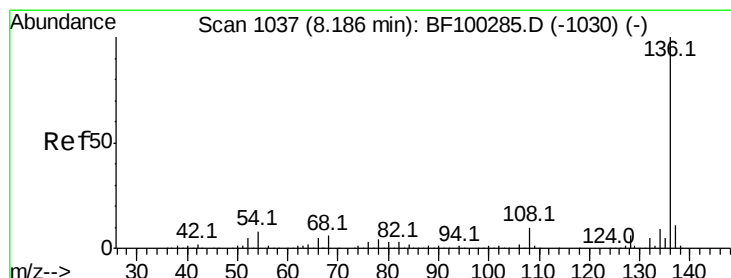
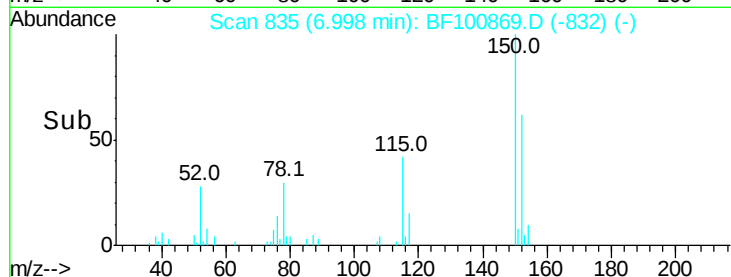
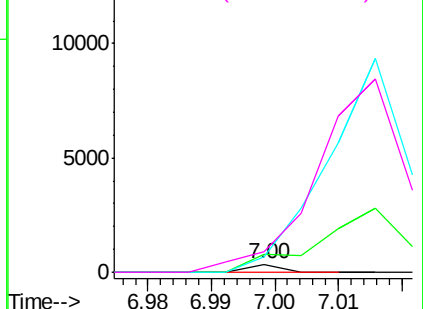


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Tgt Ion:136 Resp: 323874

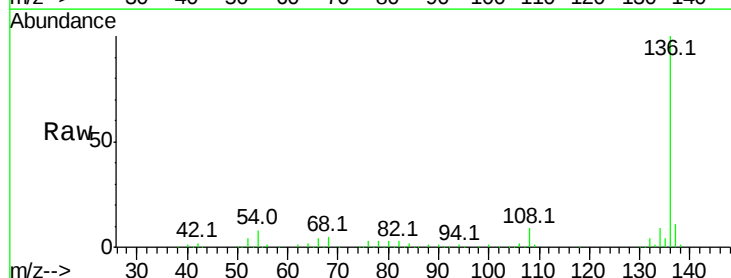
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 5.2 5.0 7.4

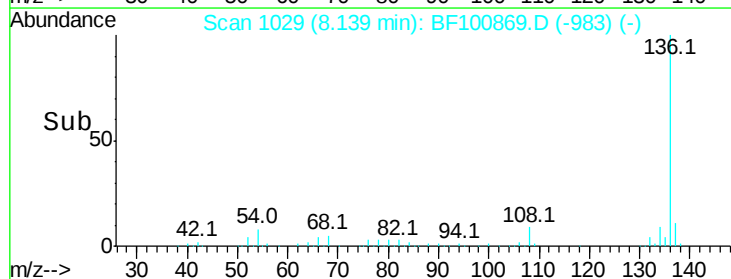
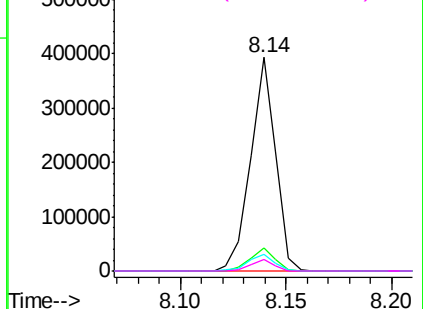


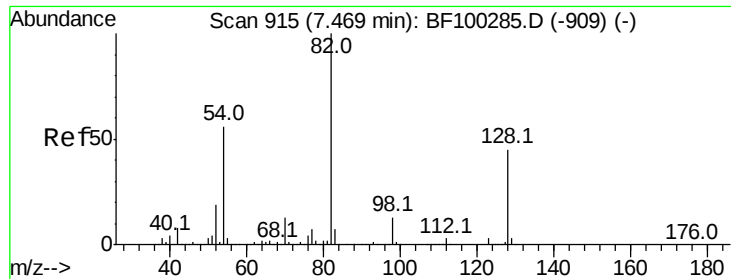
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

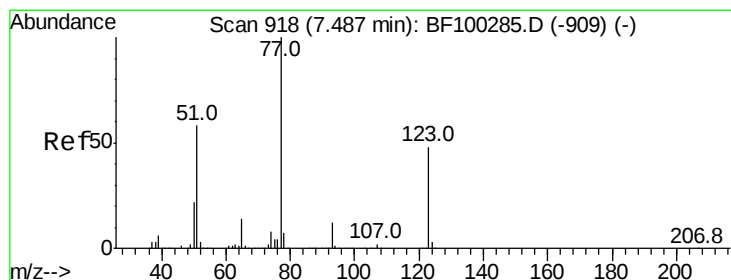
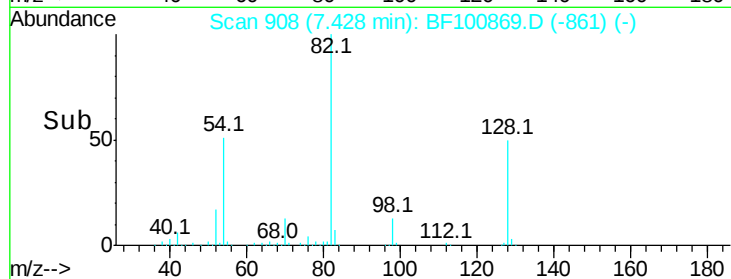
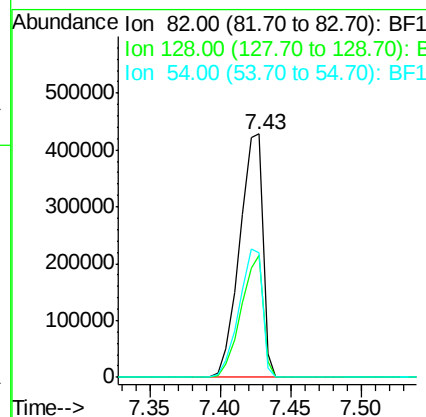
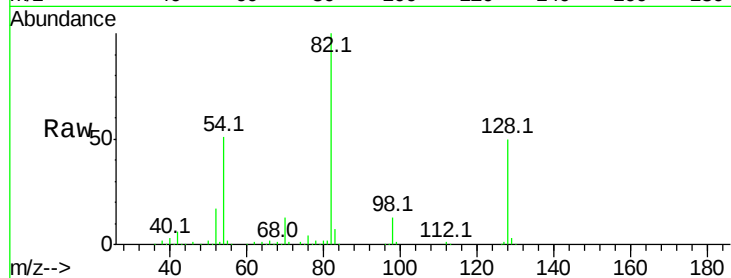




#23
Nitrobenzene-d5
Concen: 100.379 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

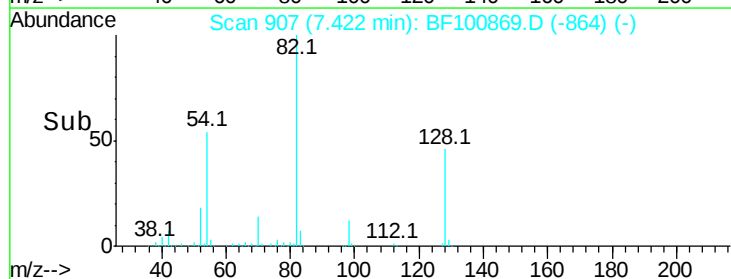
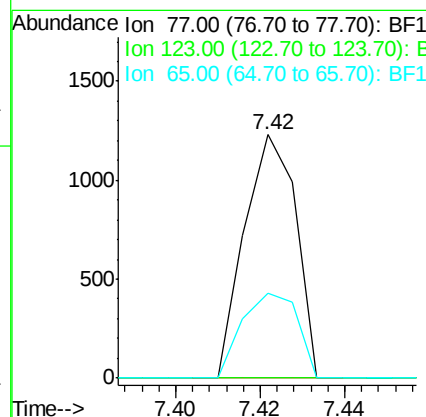
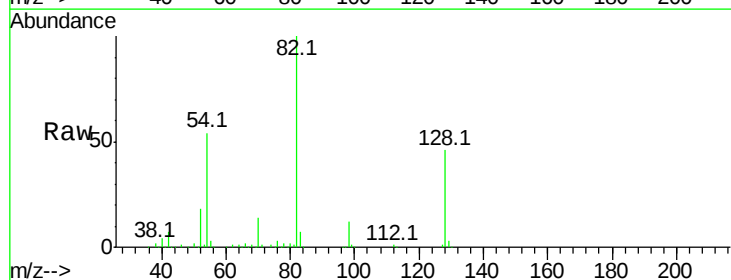
Instrument :
BNA_F
ClientSampleId :

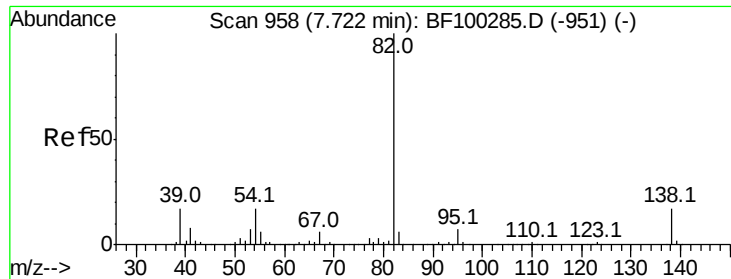
Tot Ion: 82 Resp: 491735
Ion Ratio Lower Upper
82 100
128 50.2 36.1 54.1
54 51.0 41.4 62.2



#24
Nitrobenzene
Concen: 0.206 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion: 77 Resp: 1039
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 34.8 11.0 16.4#





#25

Isophorone

Concen: 47.767 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

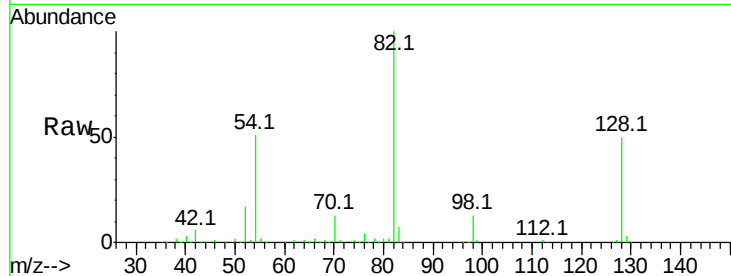
Tot Ion: 82 Resp: 491731

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

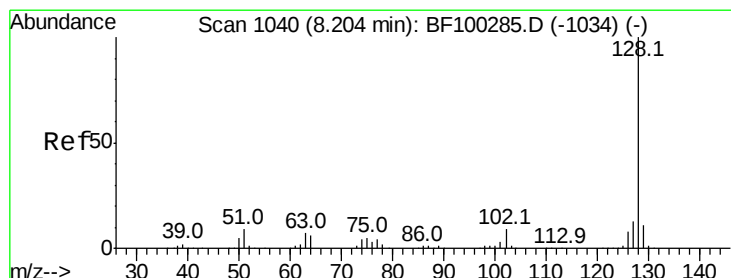
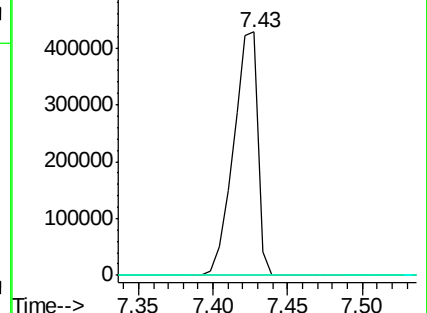
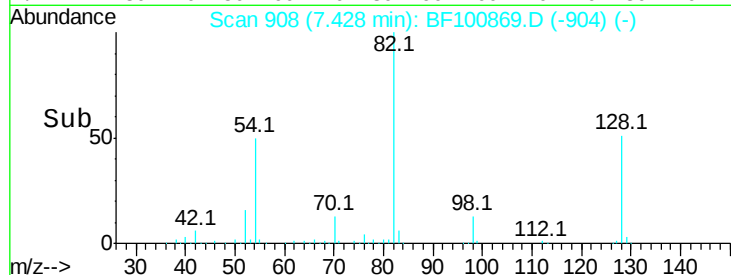
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 1.026 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

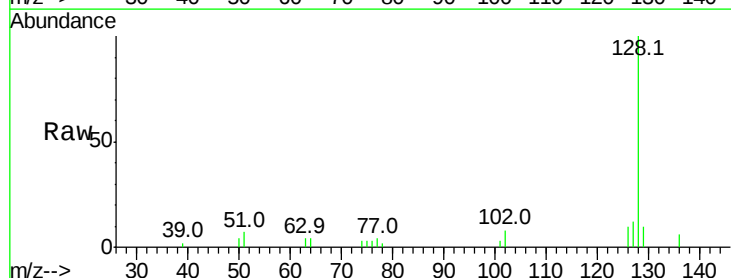
Tgt Ion:128 Resp: 16002

Ion Ratio Lower Upper

128 100

129 9.9 8.8 13.2

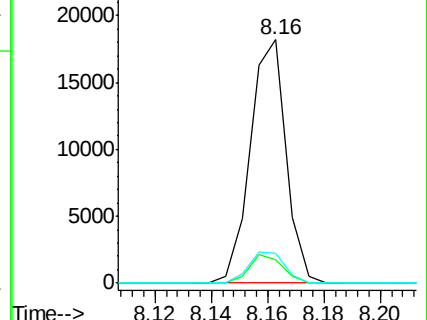
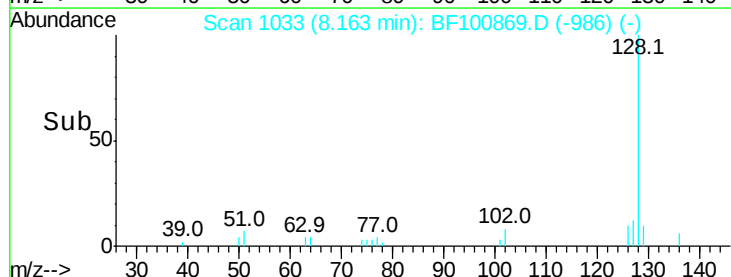
127 12.2 10.9 16.3

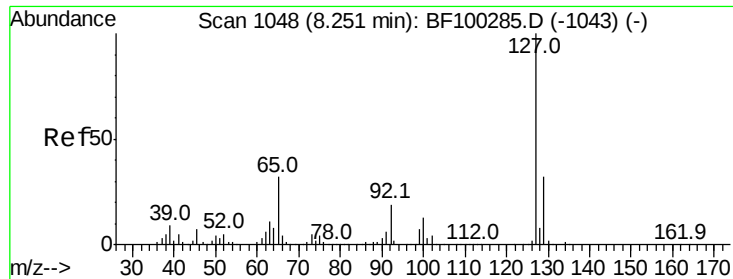


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

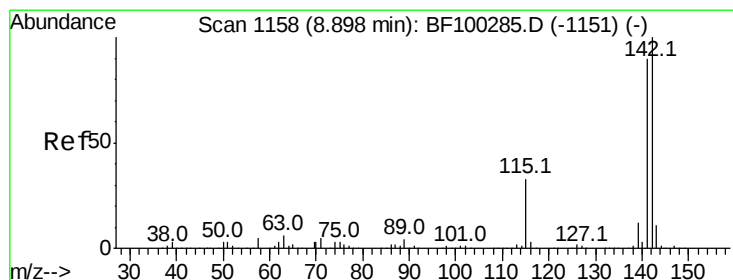
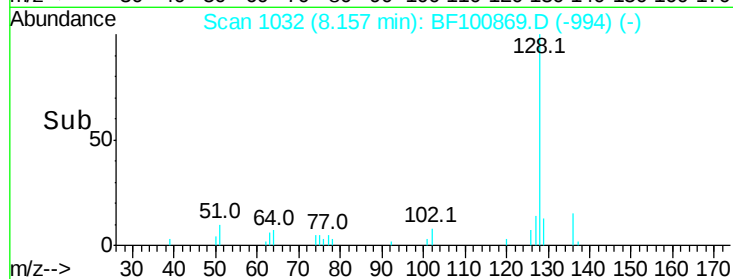
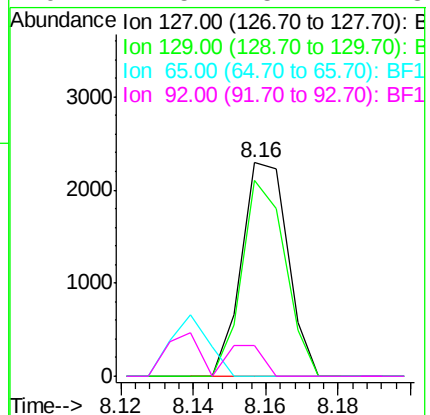
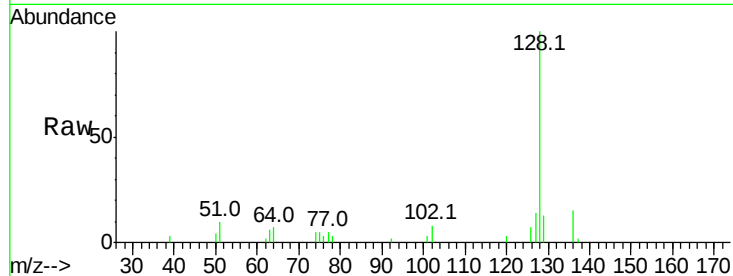




#33
4-Chloroaniline
Concen: 0.313 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.08 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

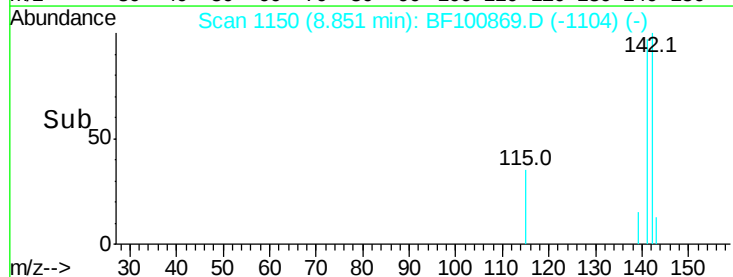
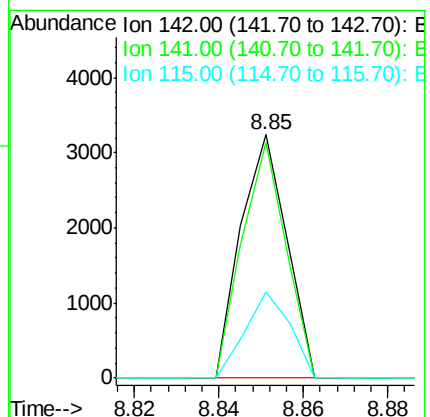
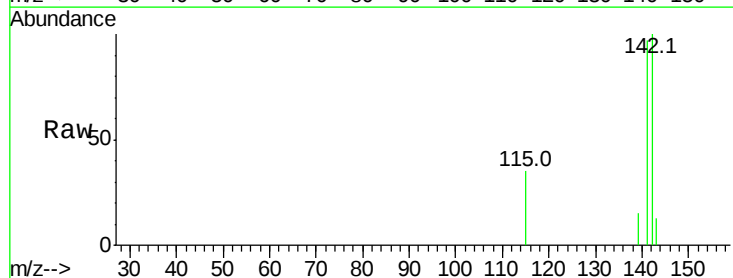
Instrument :
BNA_F
ClientSampleId :

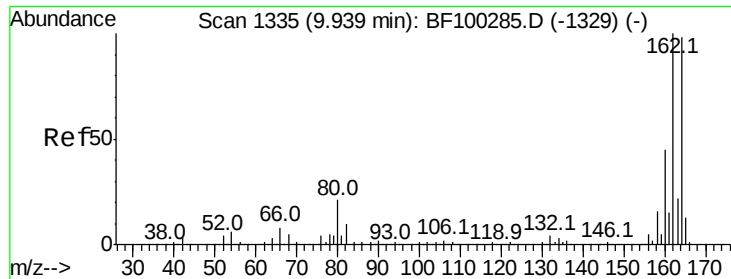
Tot Ion:	127	Resp:	2033
Ion	Ratio	Lower	Upper
127	100		
129	91.5	25.9	38.9#
65	0.0	25.0	37.4#
92	14.5	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 0.235 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion:	142	Resp:	2438
Ion	Ratio	Lower	Upper
142	100		
141	96.9	70.8	106.2
115	35.3	26.1	39.1

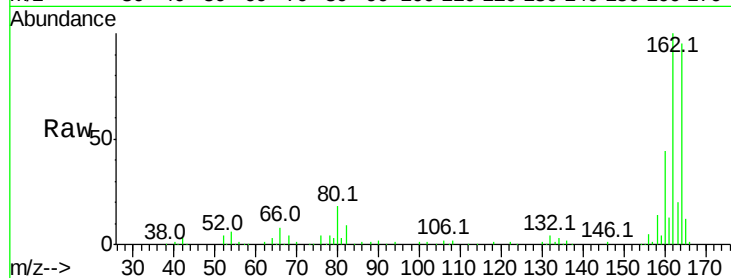




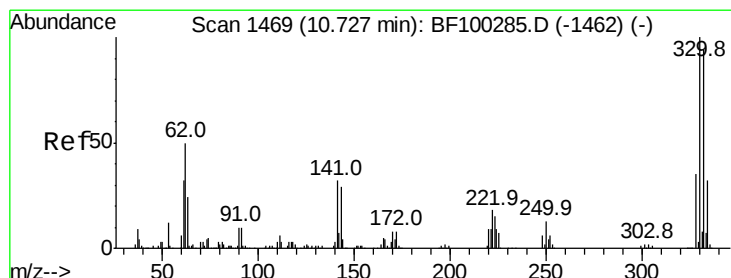
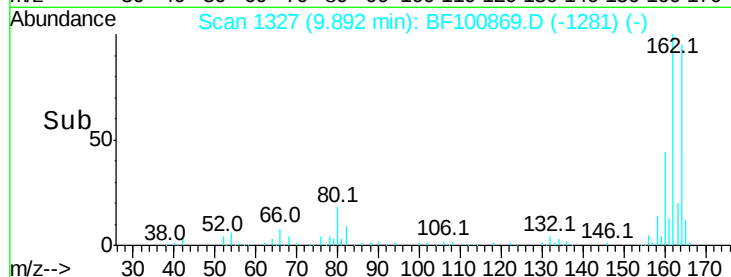
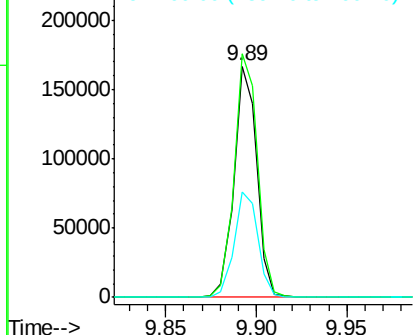
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 145585
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 45.8 38.3 57.5

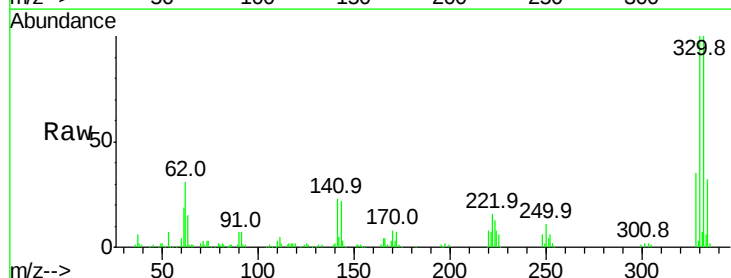


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

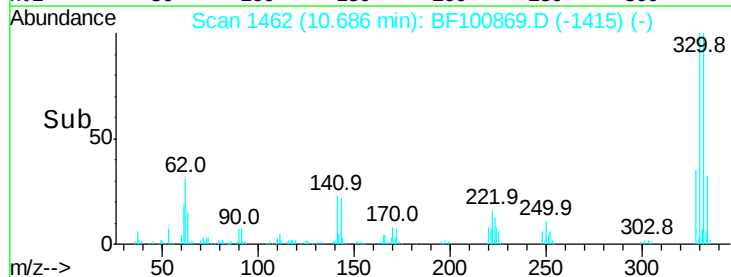
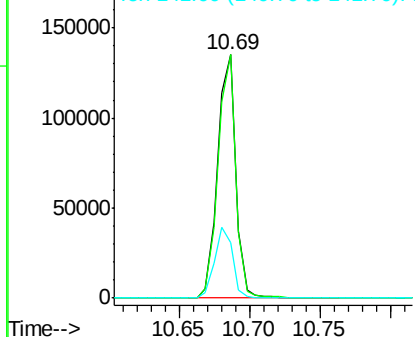


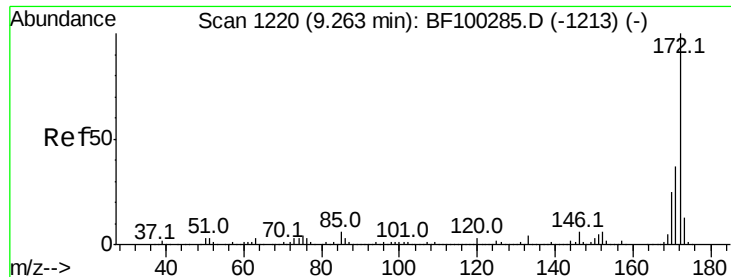
#41
 2,4,6-Tribromophenol
 Concen: 81.798 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

Tgt Ion:330 Resp: 121349
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 28.8 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

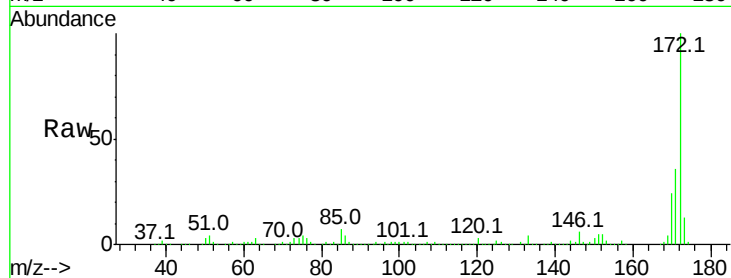




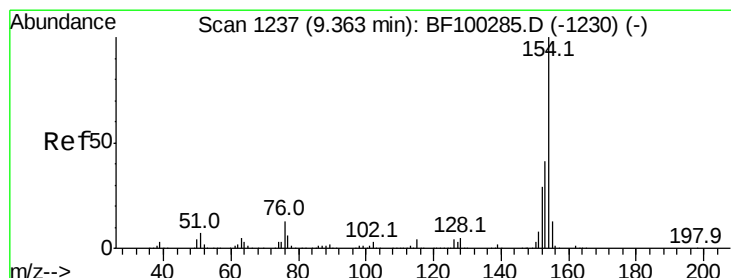
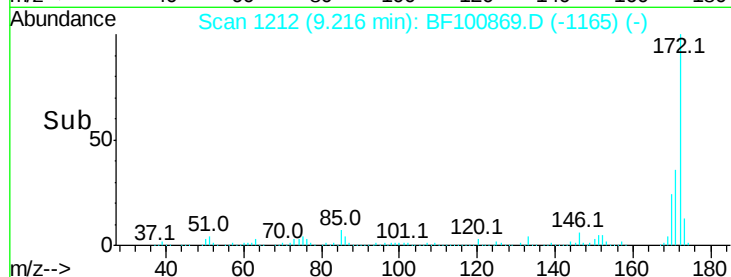
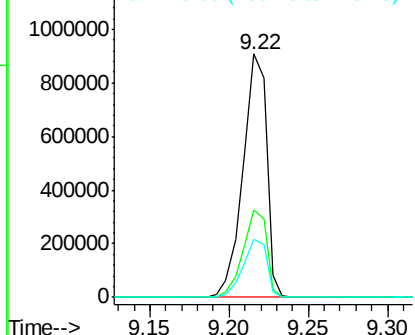
#44
 2-Fluorobiphenyl
 Concen: 98.469 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 941453
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 19.6 29.4

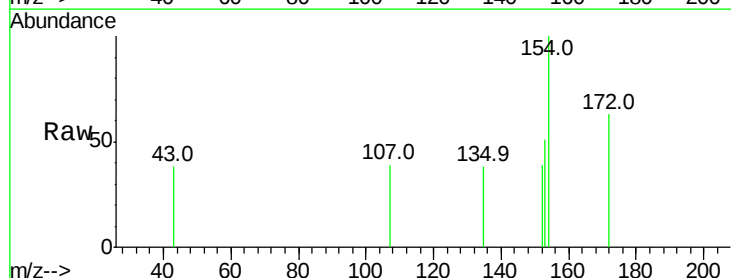


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

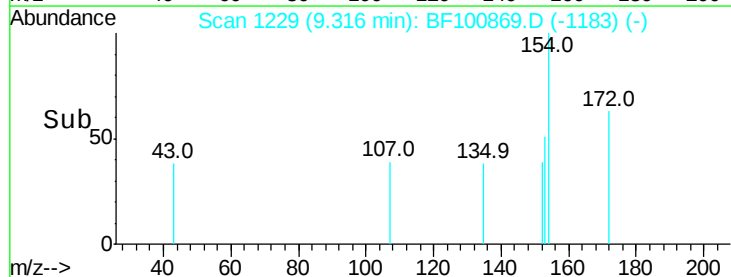
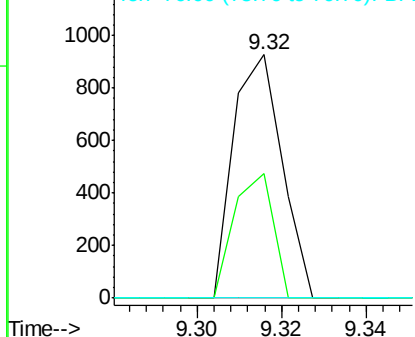


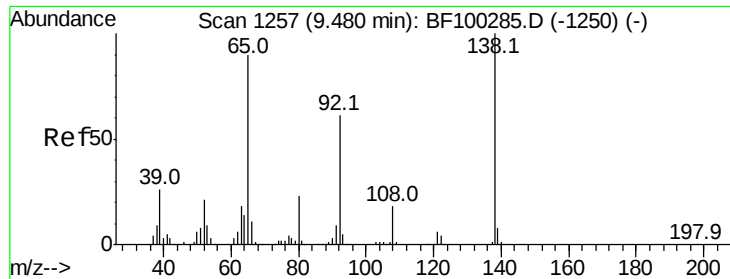
#45
 1,1'-Biphenyl
 Concen: 0.059 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.03 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

Tgt Ion:154 Resp: 740
 Ion Ratio Lower Upper
 154 100
 153 51.0 21.3 61.3
 76 0.0 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: 3.243 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

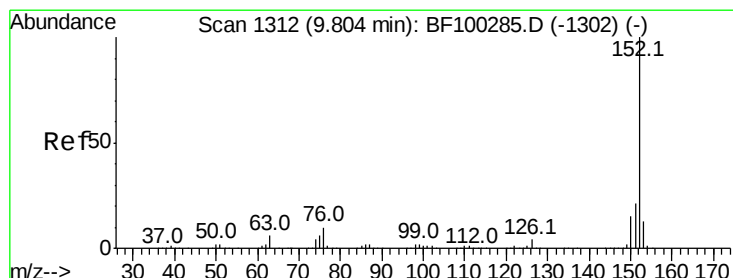
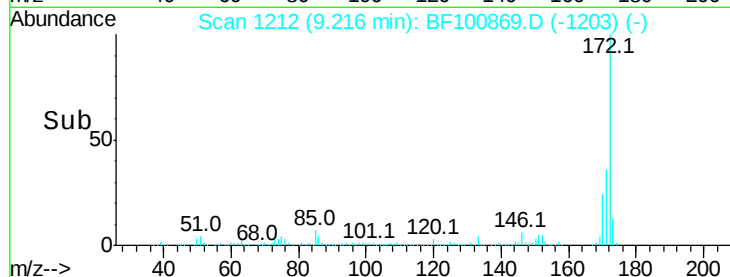
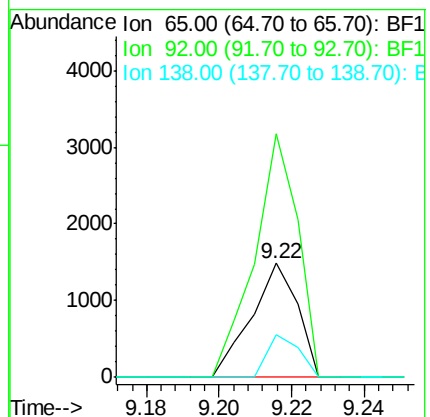
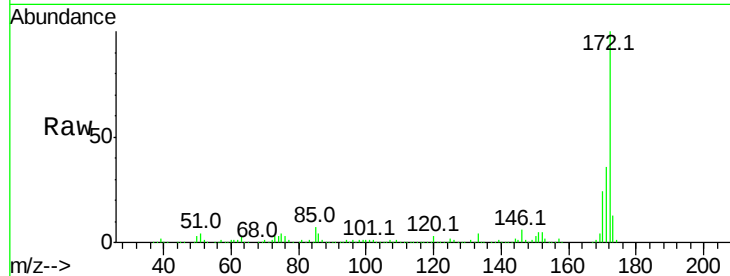
Tot Ion: 65 Resp: 1315

Ion Ratio Lower Upper

65 100

92 214.0 55.8 83.6#

138 37.6 91.2 136.8#



#48

Acenaphthylene

Concen: 0.142 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.14 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

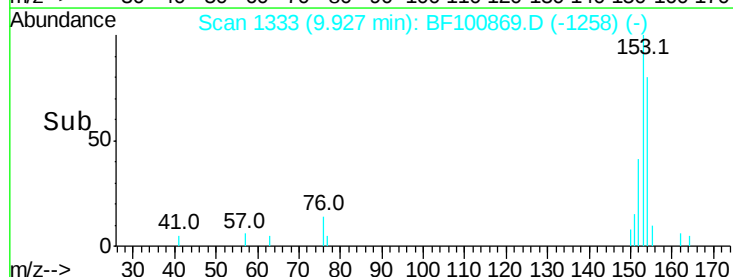
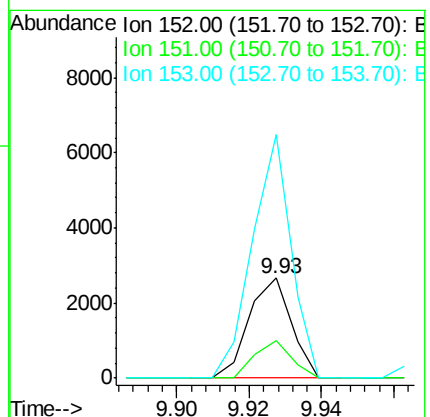
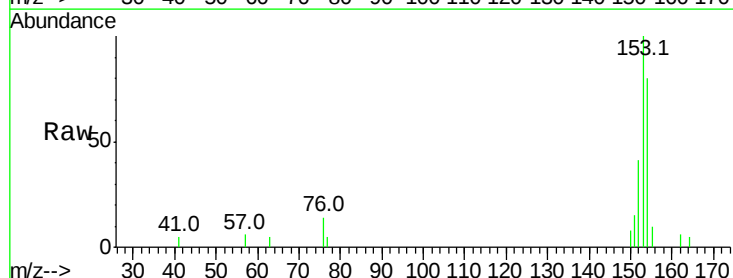
Tgt Ion: 152 Resp: 2149

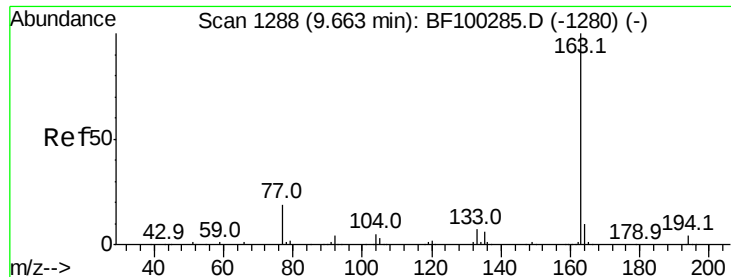
Ion Ratio Lower Upper

152 100

151 37.7 16.3 24.5#

153 243.4 10.7 16.1#

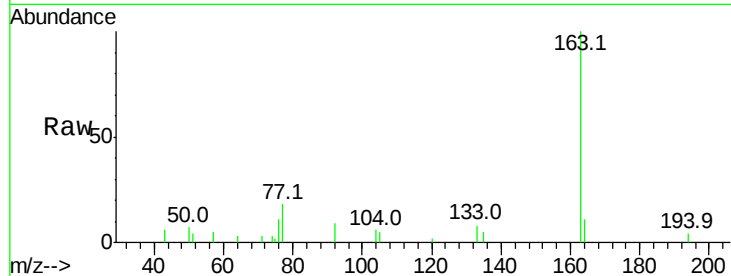




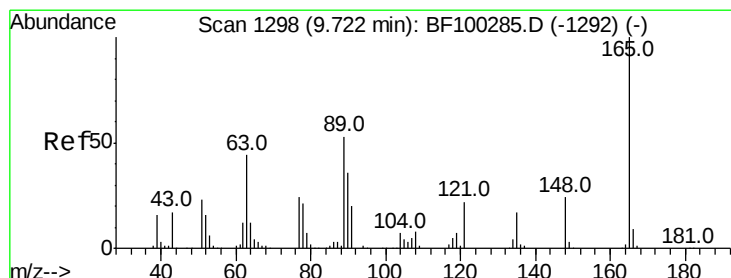
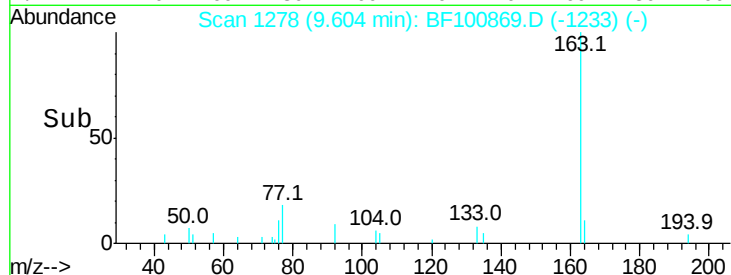
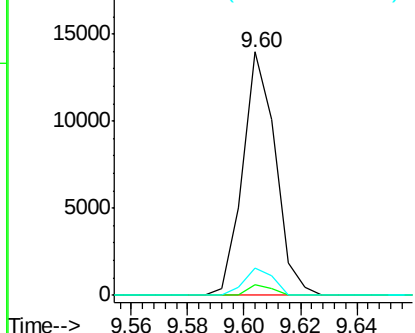
#49
Dimethylphthalate
Concen: 1.009 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 11211
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.1 8.2 12.2

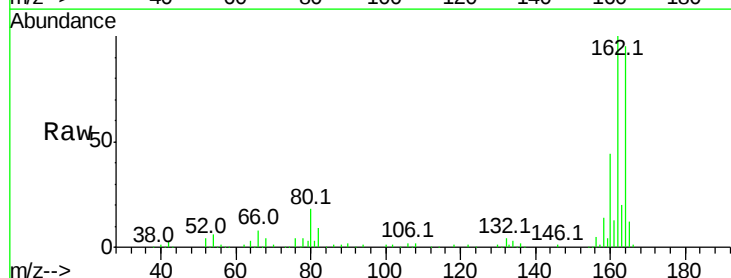


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

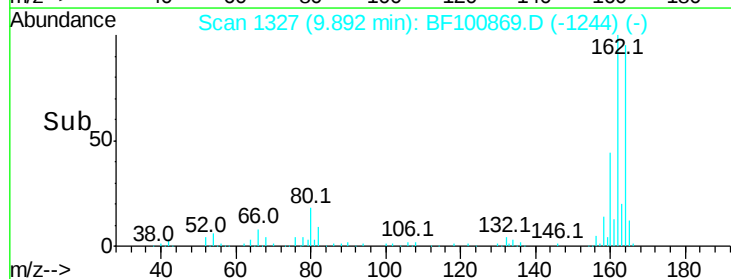
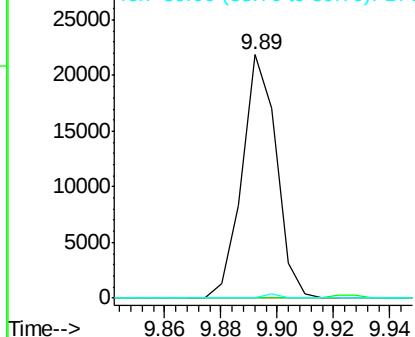


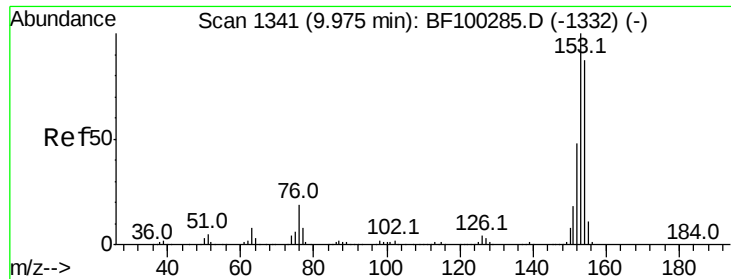
#50
2,6-Dinitrotoluene
Concen: 8.352 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.19 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion:165 Resp: 18376
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: 0.432 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.03 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

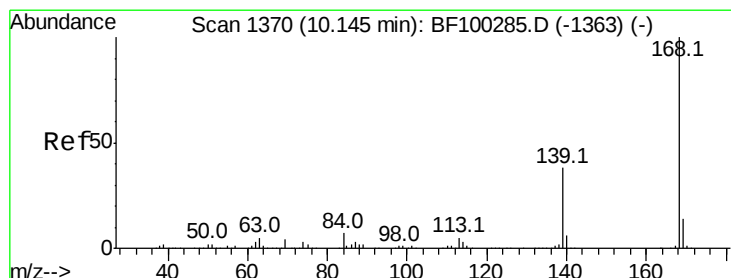
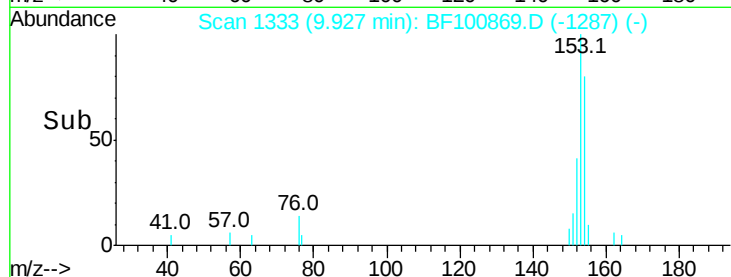
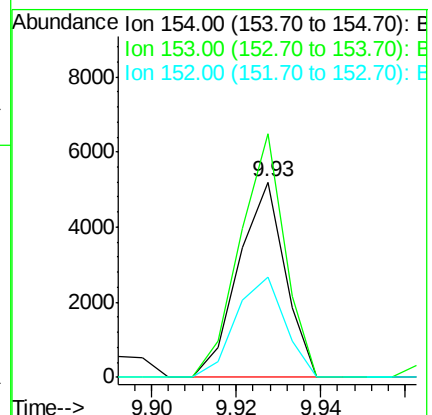
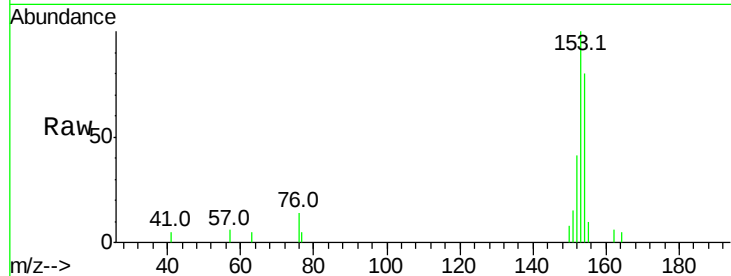
Tot Ion:154 Resp: 3978

Ion Ratio Lower Upper

154 100

153 124.9 91.2 136.8

152 51.3 43.8 65.8



#54

Dibenzofuran

Concen: 0.288 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

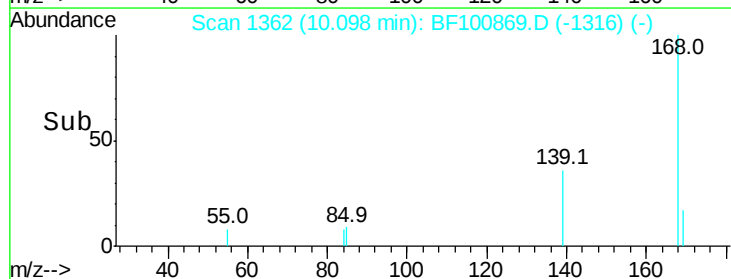
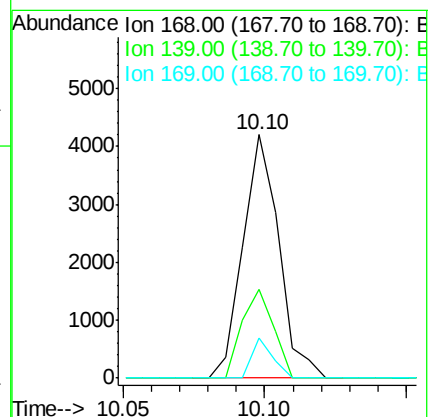
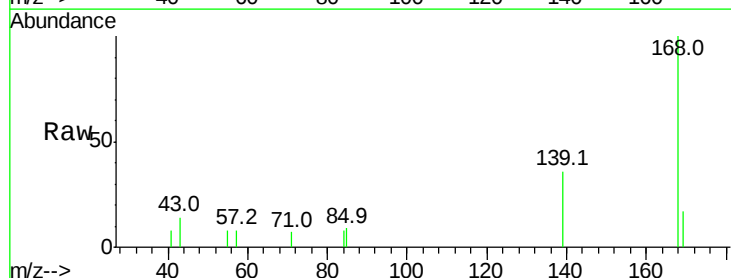
Tgt Ion:168 Resp: 3711

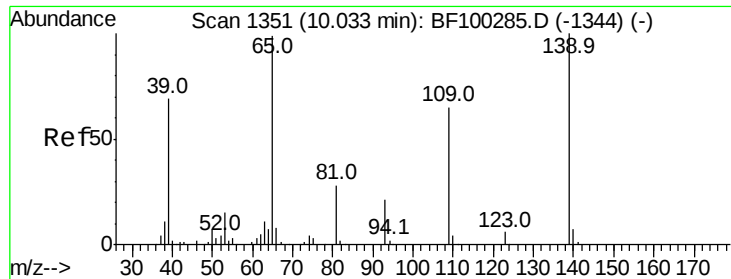
Ion Ratio Lower Upper

168 100

139 36.2 30.1 45.1

169 16.6 10.9 16.3#

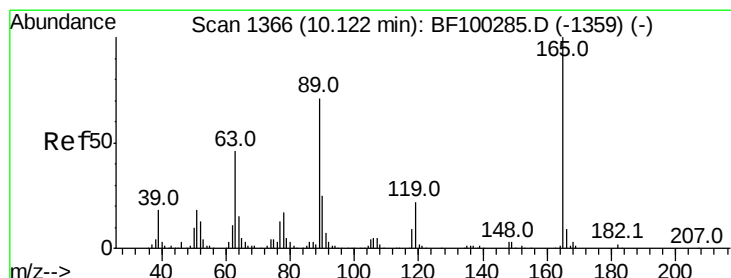
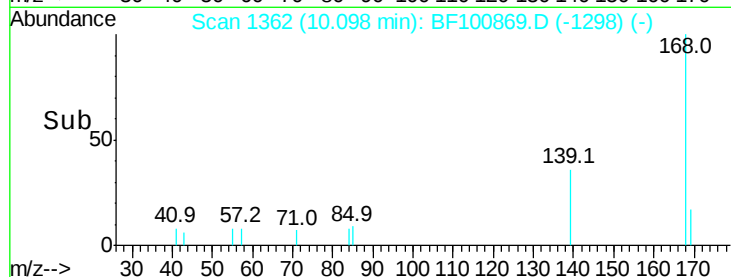
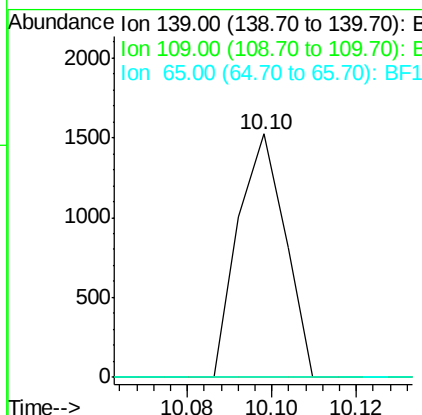
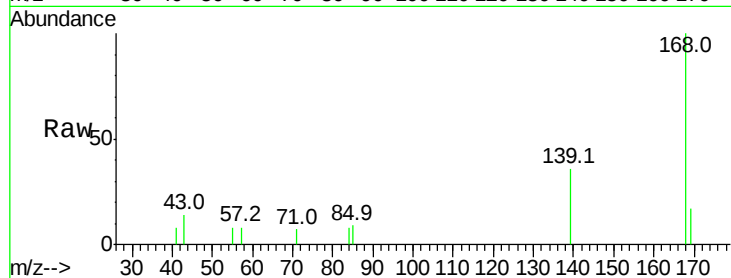




#55
 4-Nitrophenol
 Concen: 0.558 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.08 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

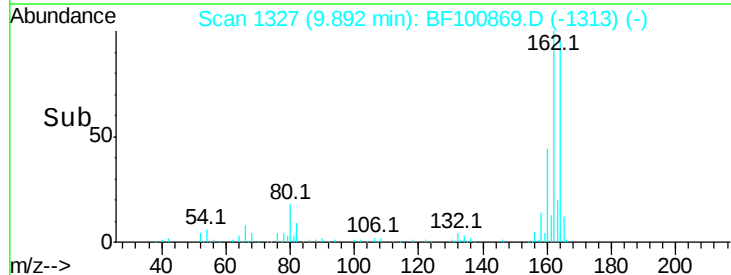
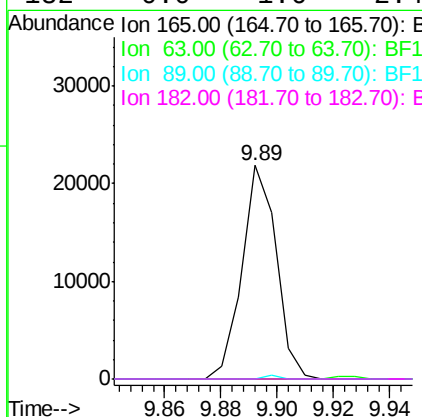
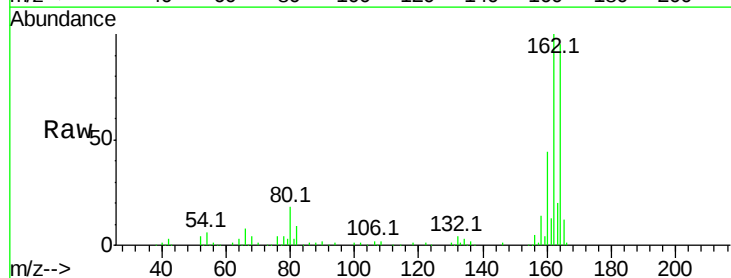
Instrument :
 BNA_F
 ClientSampleId :

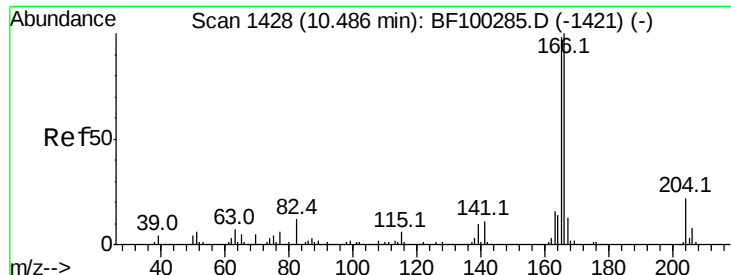
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



#56
 2,4-Dinitrotoluene
 Concen: 6.620 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.22 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

Tgt 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#

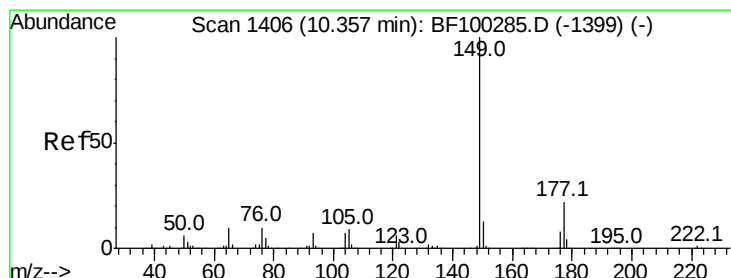
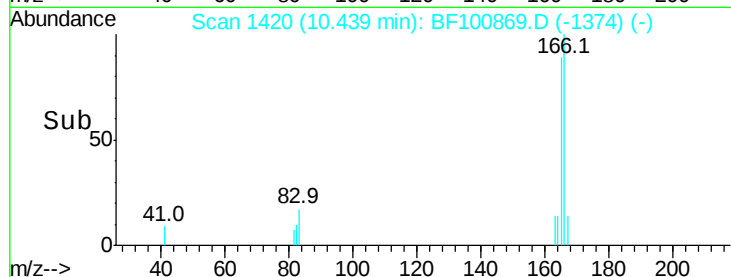
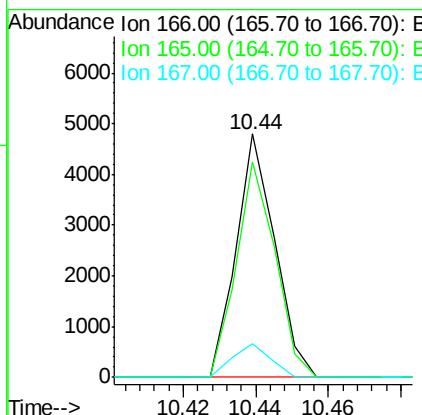
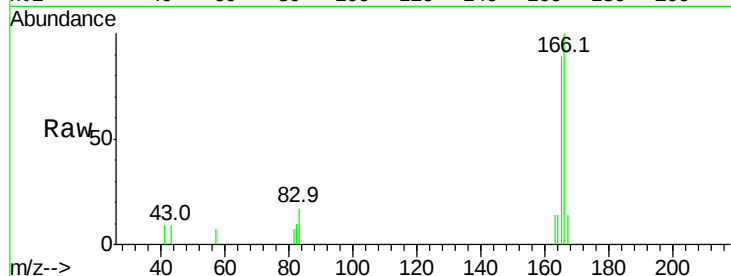




#57
Fluorene
Concen: 0.379 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

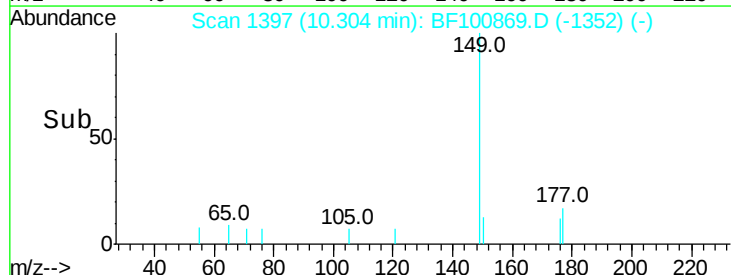
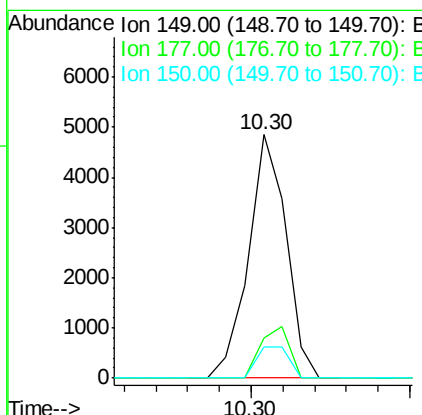
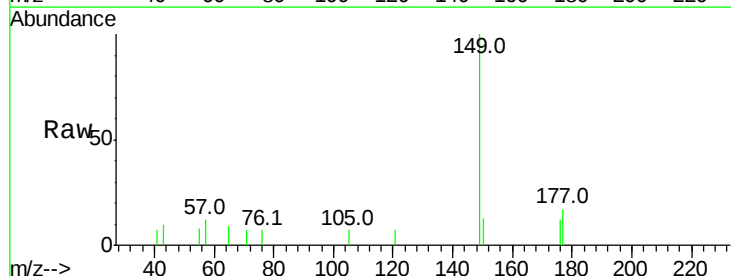
Instrument :
BNA_F
ClientSampleId :

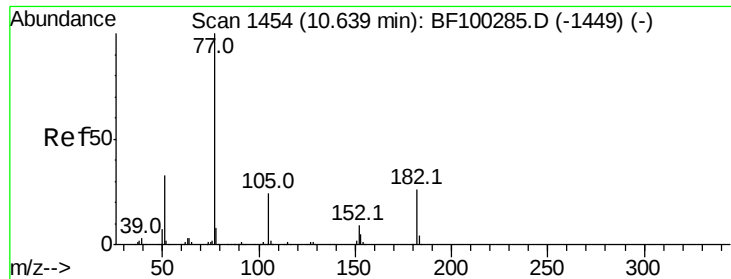
Tot Ion:166 Resp: 3579
Ion Ratio Lower Upper
166 100
165 88.6 79.8 119.8
167 13.9 10.6 16.0



#59
Diethylphthalate
Concen: 0.359 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion:149 Resp: 3993
Ion Ratio Lower Upper
149 100
177 16.7 16.1 24.1
150 12.7 10.1 15.1





#62

Azobenzene

Concen: 0.042 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.06 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 439

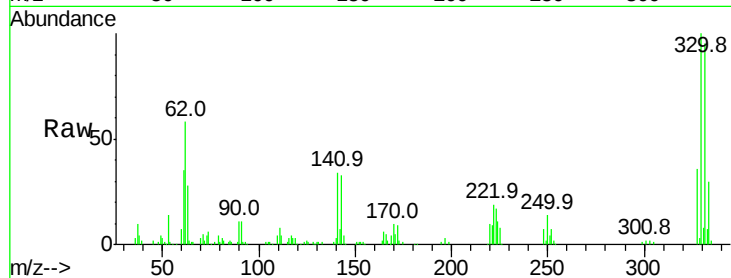
Ion Ratio Lower Upper

77 100

182 57.2 1.7 41.7#

105 85.8 3.0 43.0#

51 89.3 9.9 49.9#

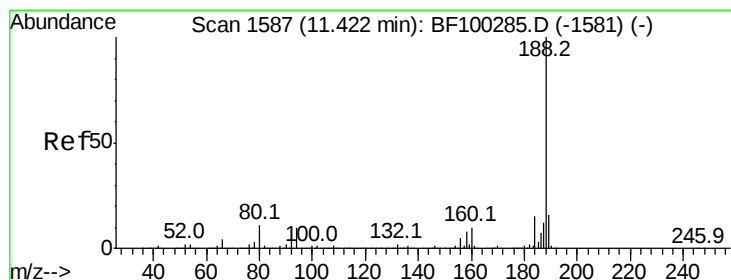
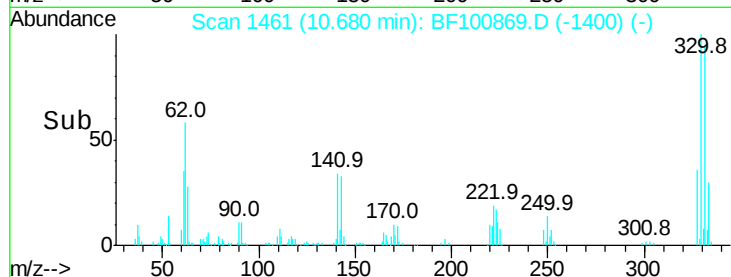
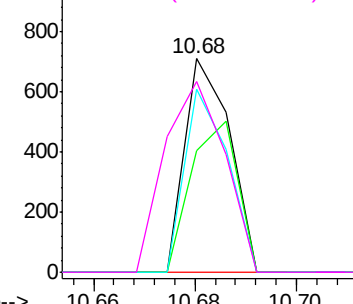


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF100869.D

Acq: 23 Nov 2017 12:26

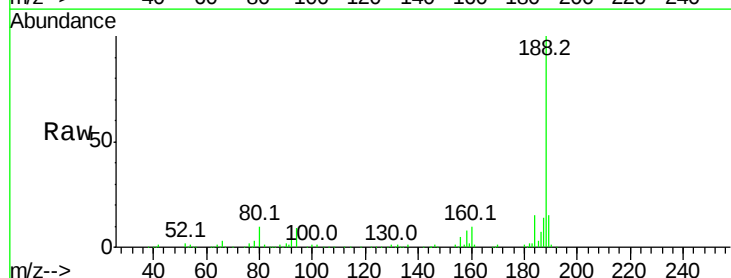
Tgt Ion: 188 Resp: 242003

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

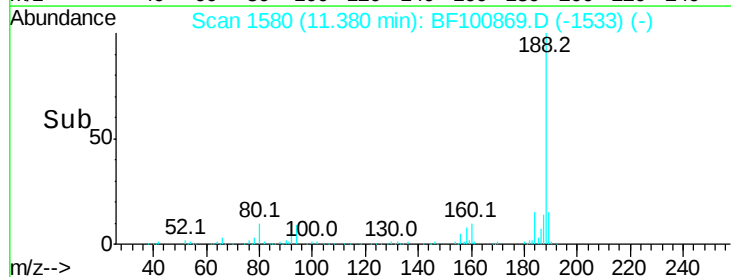
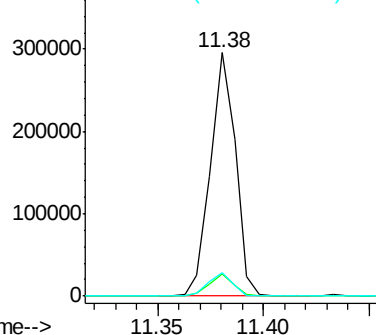
80 9.8 9.2 13.8

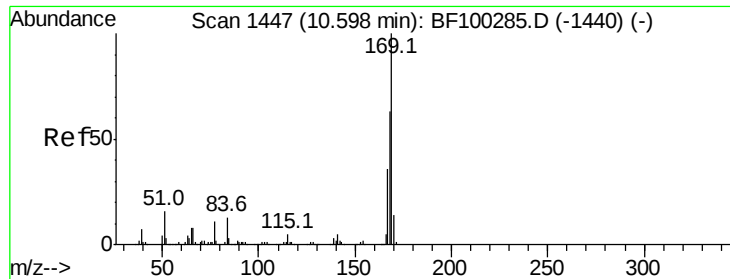


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

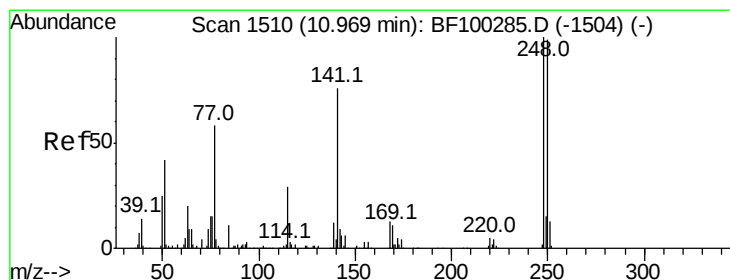
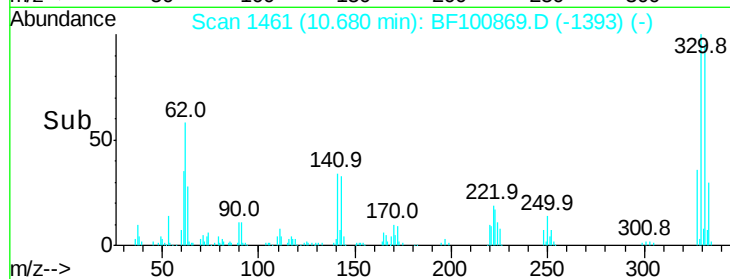
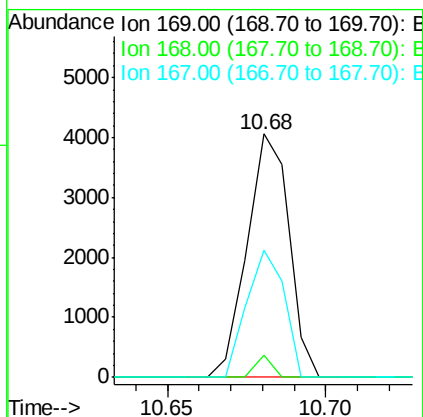
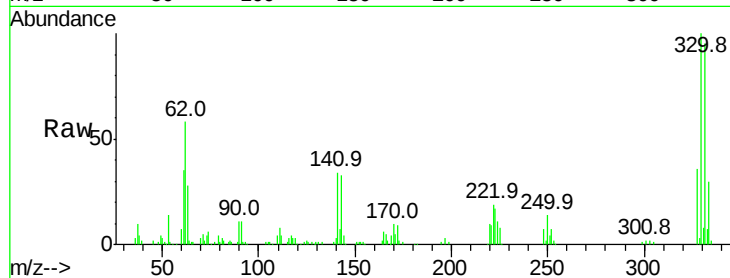




#65
 n-Nitrosodiphenylamine
 Concen: 0.442 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.10 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

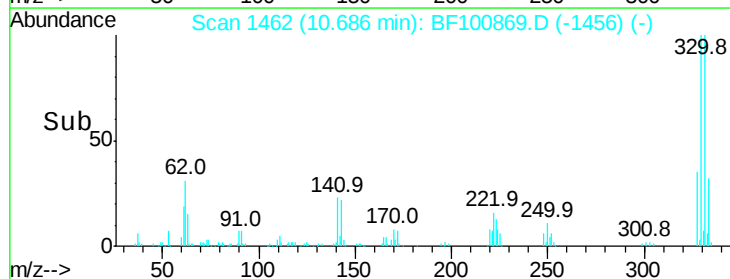
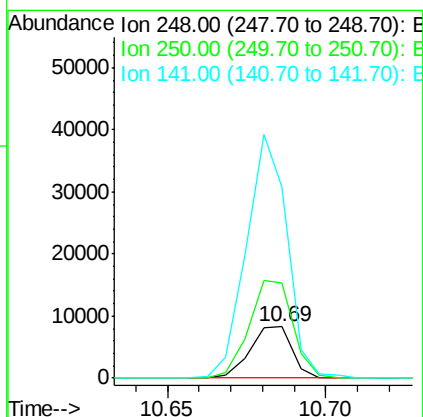
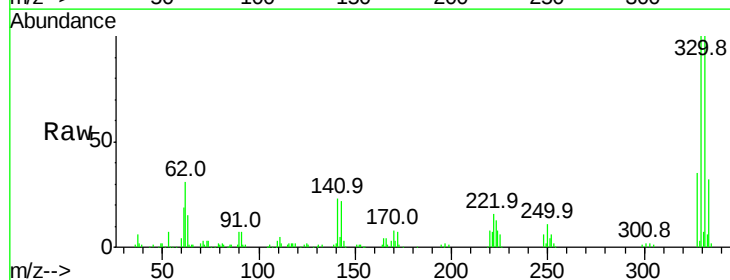
Instrument :
 BNA_F
 ClientSampleId :

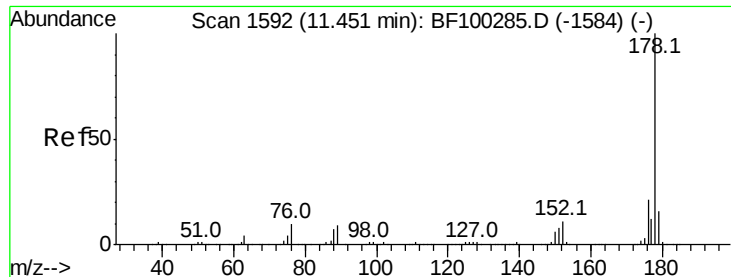
Tot Ion:169 Resp: 3723
 Ion Ratio Lower Upper
 169 100
 168 9.1 54.4 81.6#
 167 52.4 29.8 44.6#



#66
 4-Bromophenyl-phenylether
 Concen: 2.944 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

Tgt Ion:248 Resp: 7637
 Ion Ratio Lower Upper
 248 100
 250 185.4 76.9 115.3#
 141 374.0 74.4 111.6#

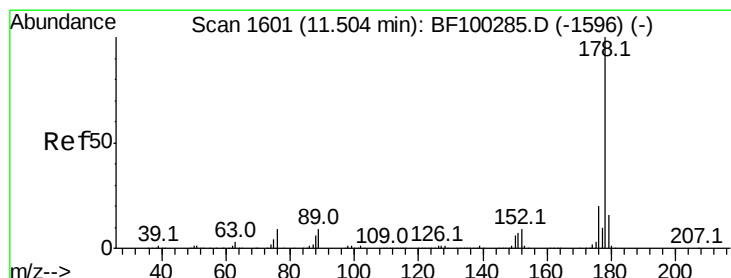
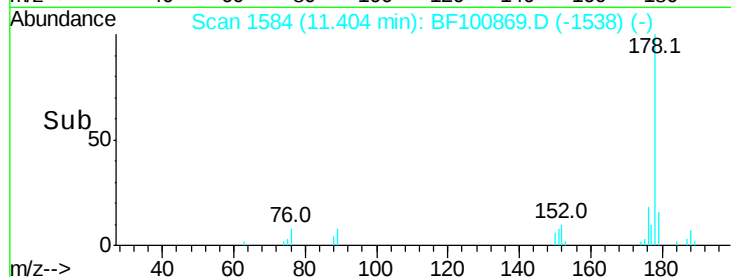
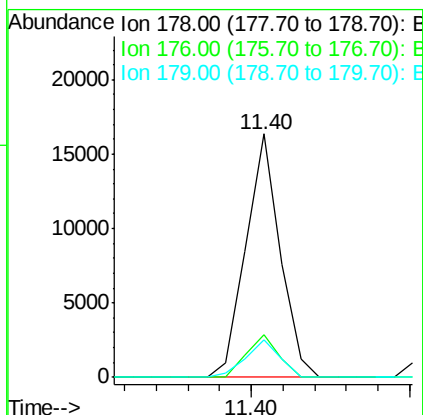
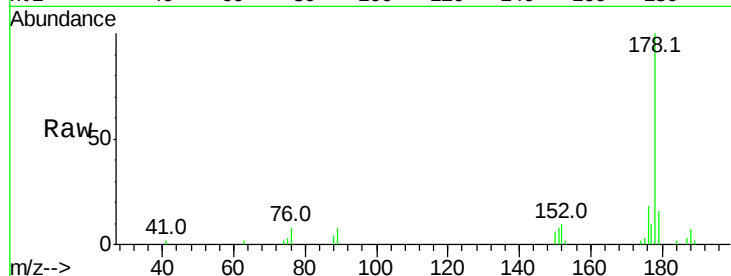




#70
Phenanthrene
Concen: 0.957 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

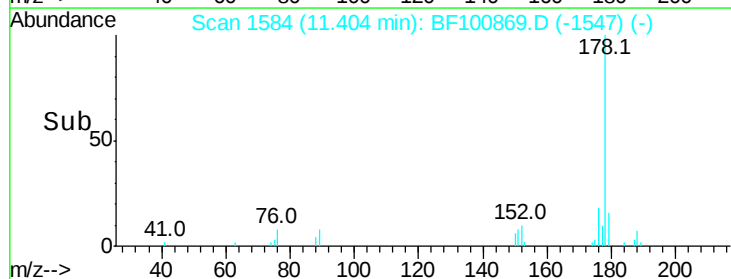
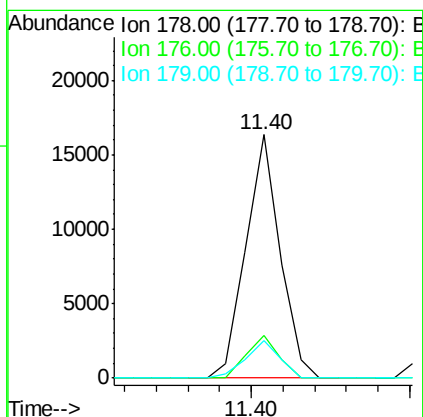
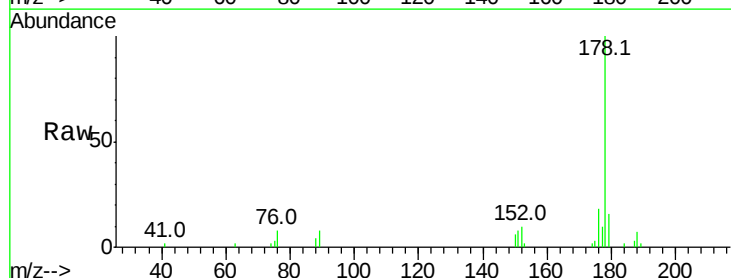
Instrument :
BNA_F
ClientSampleId :

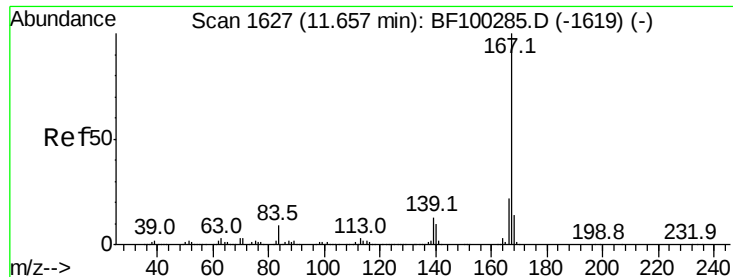
Tot Ion:178 Resp: 12190
Ion Ratio Lower Upper
178 100
176 17.7 15.8 23.8
179 15.5 13.0 19.6



#71
Anthracene
Concen: 0.943 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.08 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion:178 Resp: 12190
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.2
179 15.5 12.6 19.0





#72

Carbazole

Concen: 0.079 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampled :

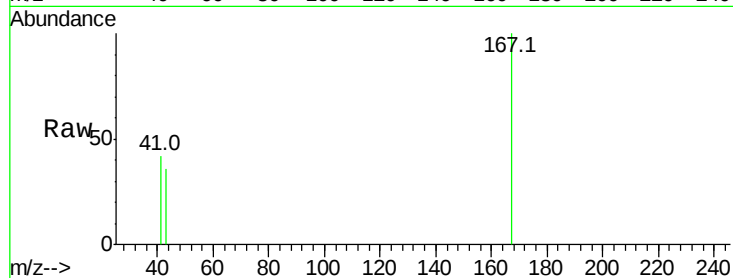
Tot Ion:167 Resp: 946

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

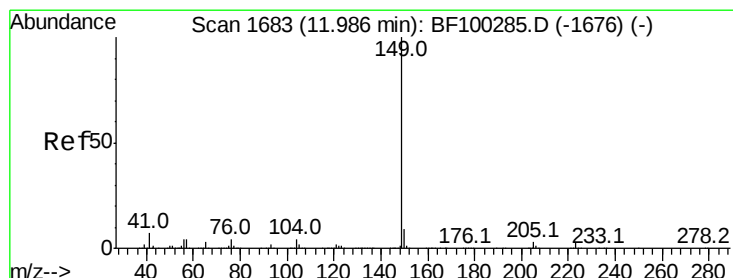
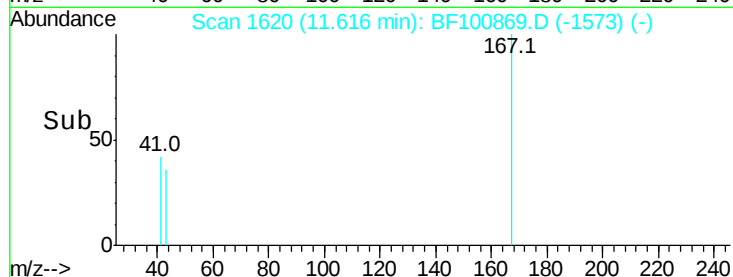
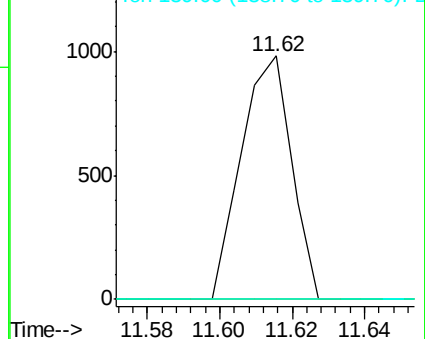
139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.144 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

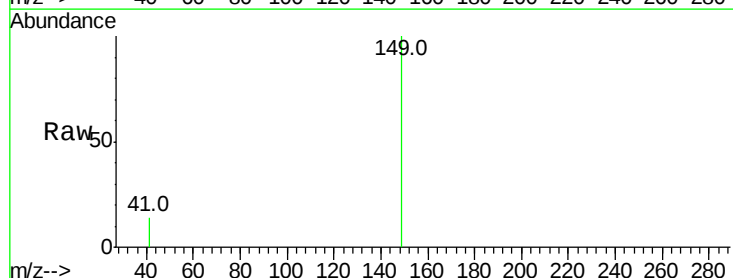
Tgt Ion:149 Resp: 2012

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

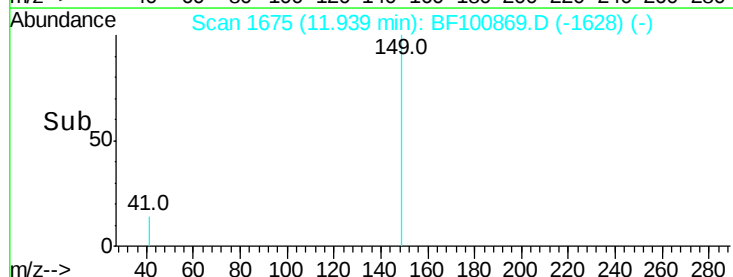
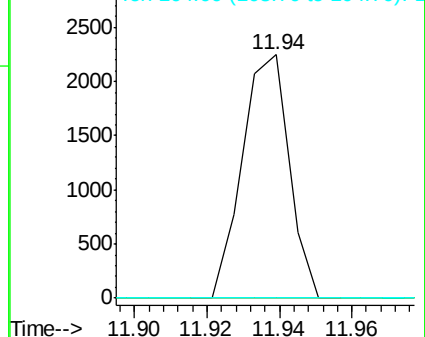
104 0.0 3.8 5.8#

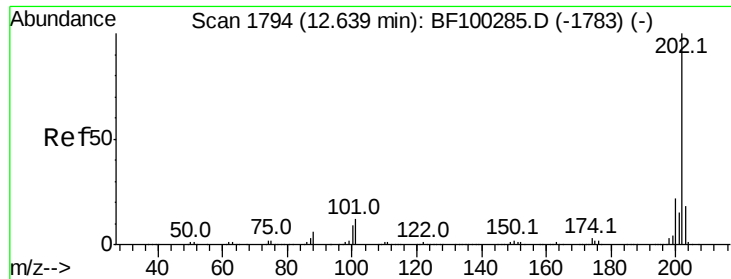


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

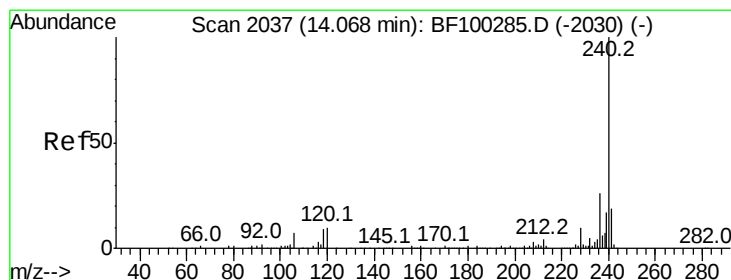
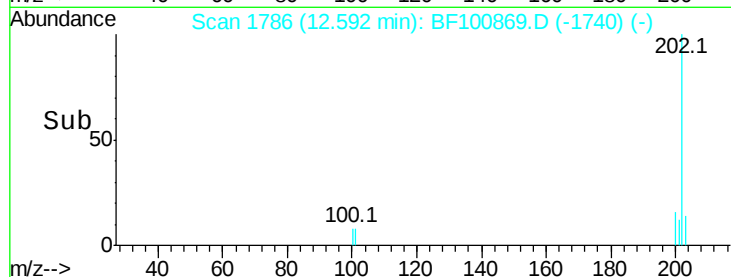
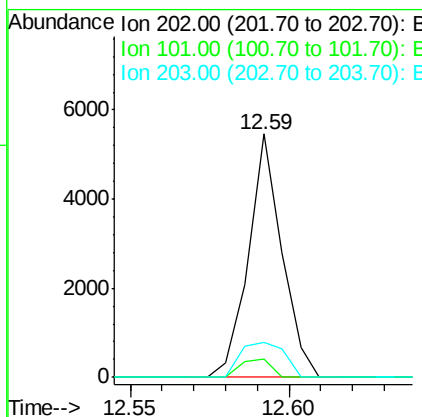
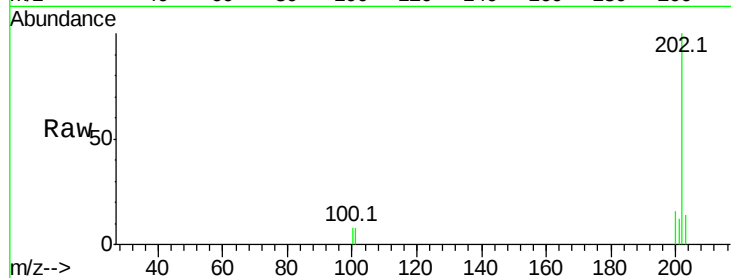




#74
 Fluoranthene
 Concen: 0.296 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.03 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

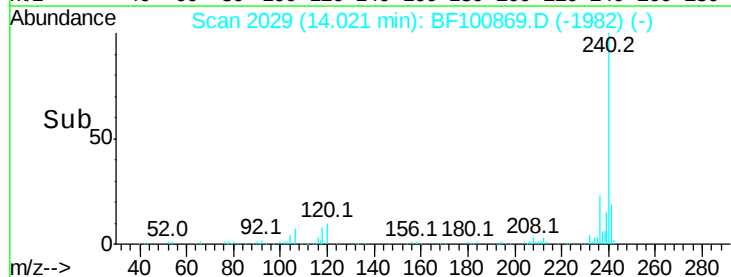
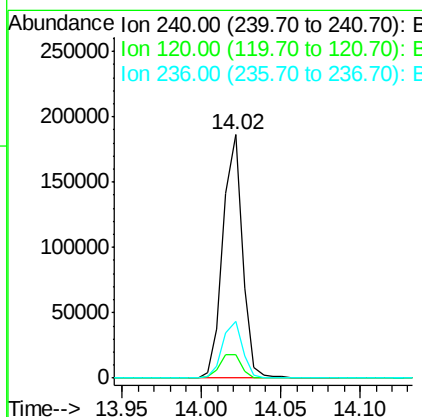
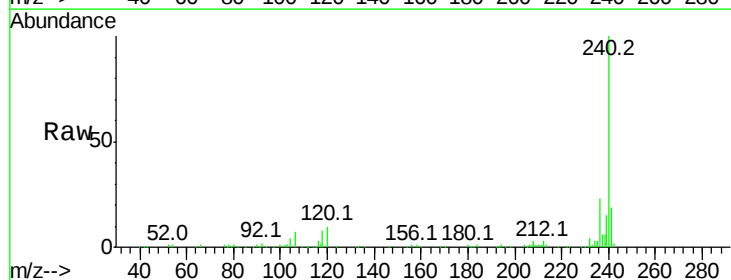
Instrument :
 BNA_F
 ClientSampleId :

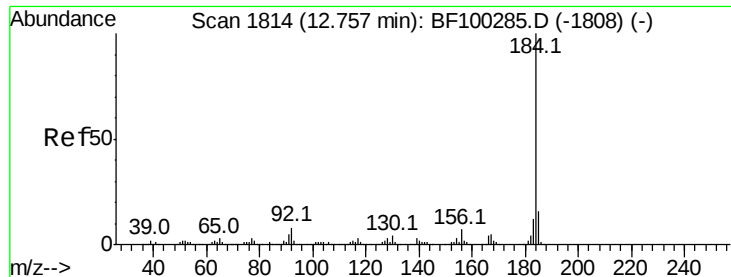
Tot Ion:202 Resp: 3993
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 34.1
 203 14.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF100869.D
 Acq: 23 Nov 2017 12:26

Tgt Ion:240 Resp: 159709
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.5 14.3
 236 23.4 20.7 31.1





#76

Benzidine

Concen: 1.121 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

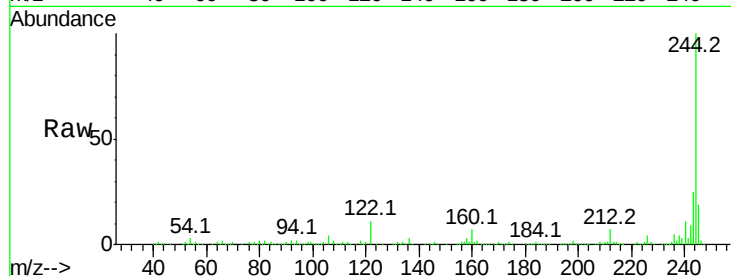
Tot Ion:184 Resp: 7173

Ion Ratio Lower Upper

184 100

185 19.0 12.6 18.8#

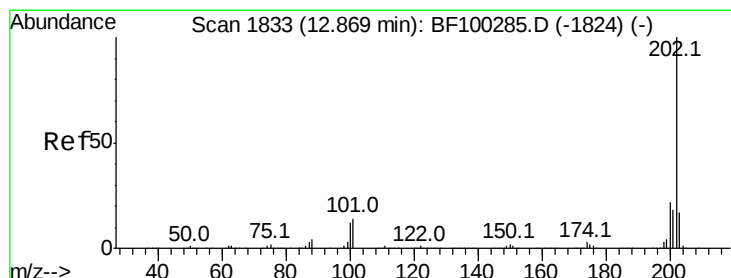
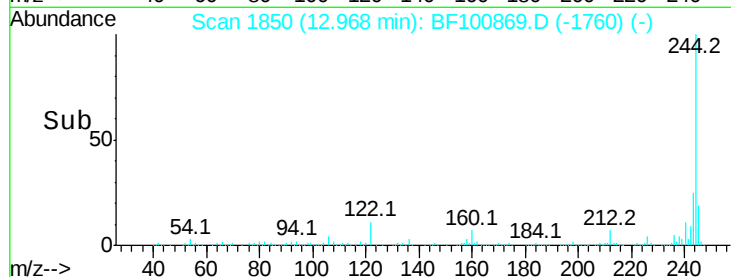
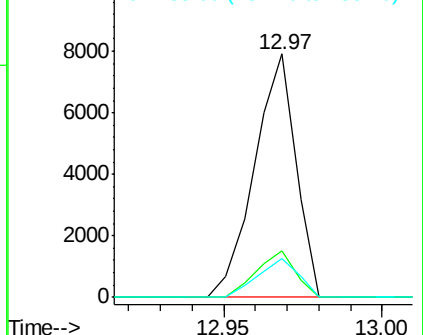
183 15.8 9.3 13.9#



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: 0.225 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

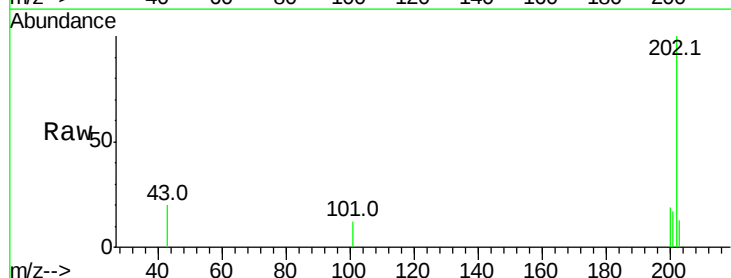
Tgt Ion:202 Resp: 2560

Ion Ratio Lower Upper

202 100

200 19.3 17.4 26.2

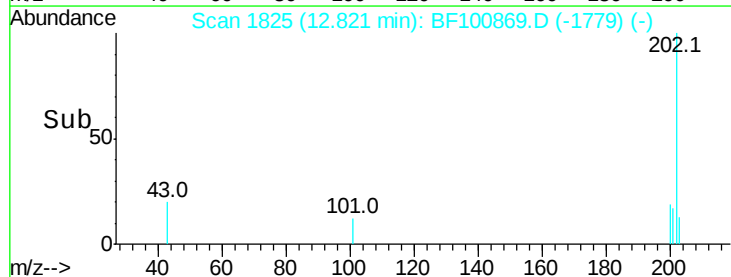
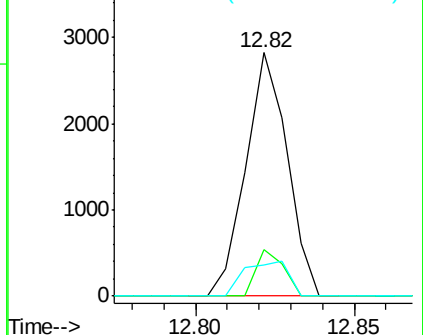
203 13.0 14.3 21.5#

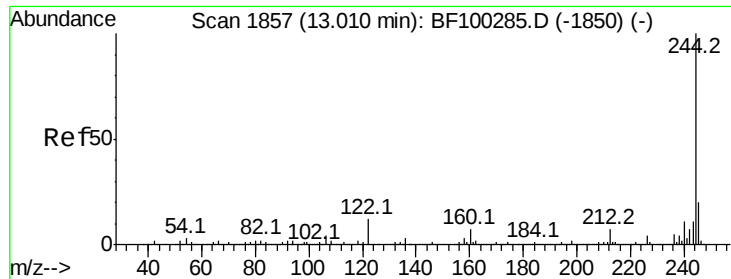


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.709 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

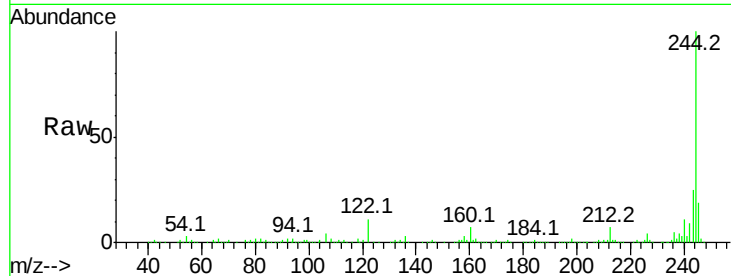
Tot Ion:244 Resp: 623548

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

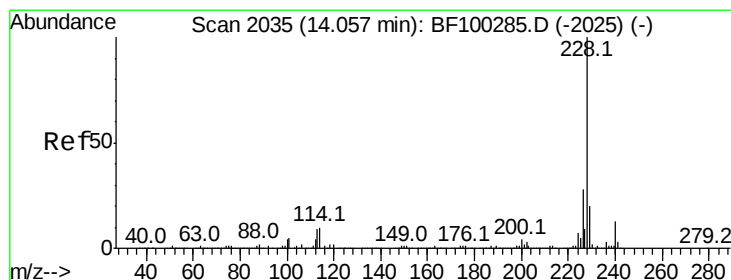
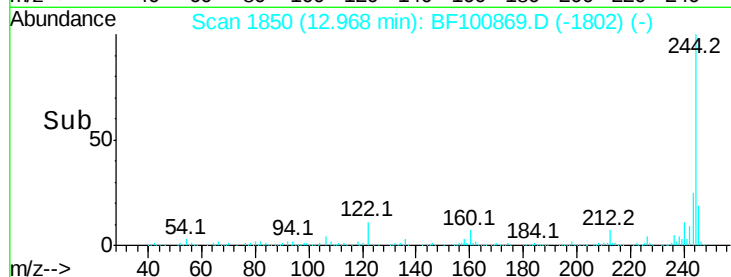
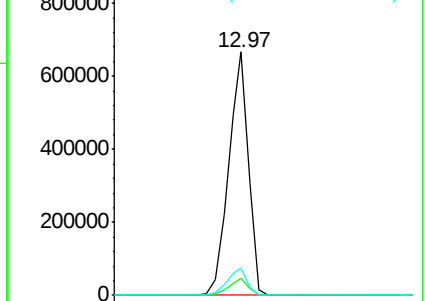
122 11.0 11.0 16.4



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: 0.072 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

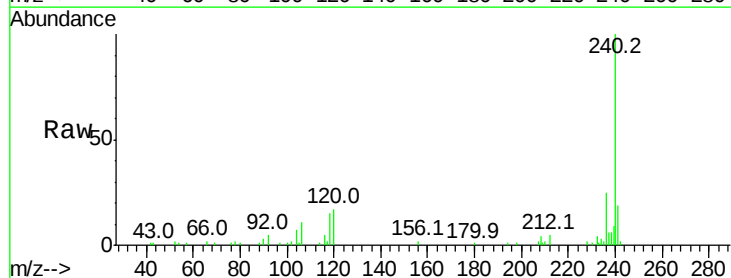
Tgt Ion:228 Resp: 696

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

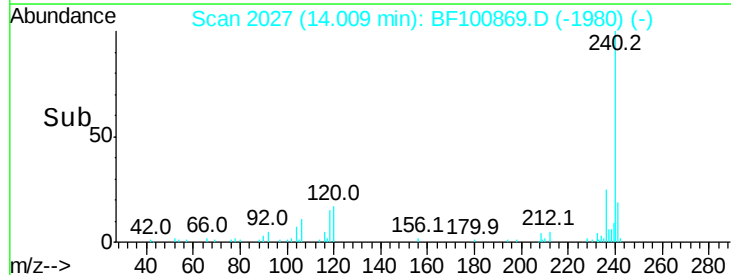
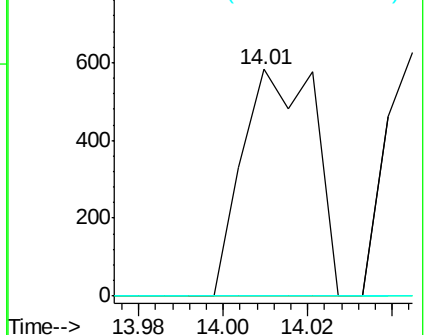
229 0.0 15.8 23.6#

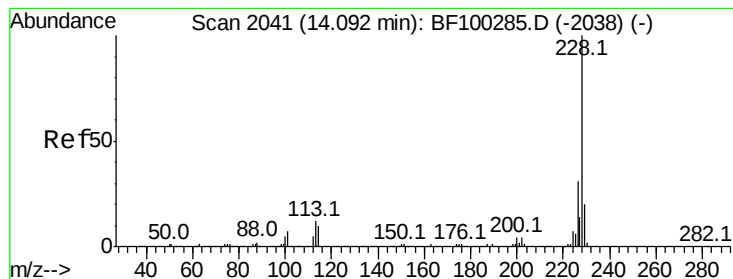


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.041 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

Instrument :

BNA_F

ClientSampleId :

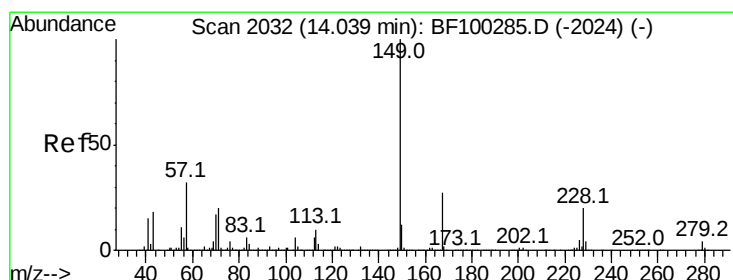
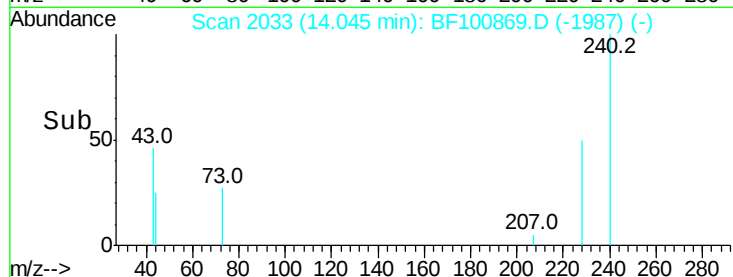
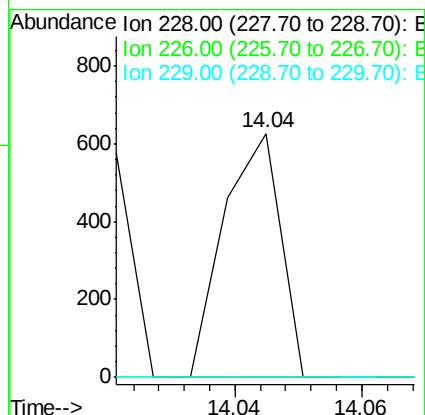
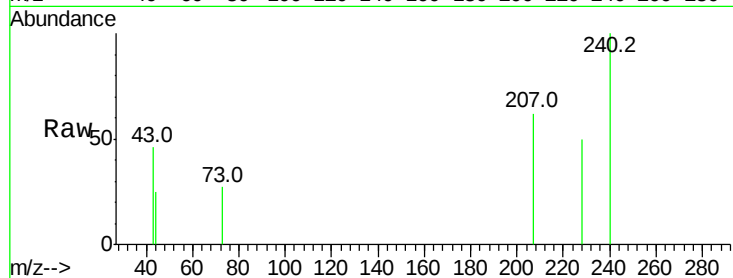
Tot Ion:228 Resp: 384

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

229 0.0 16.2 24.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.132 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

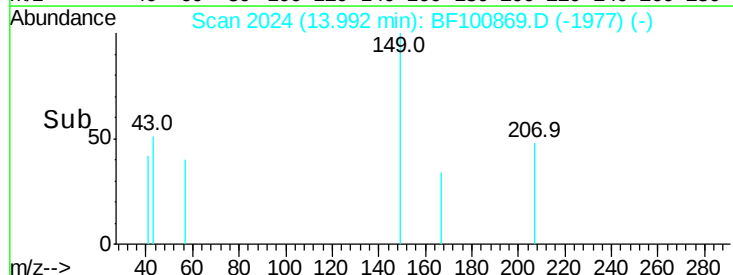
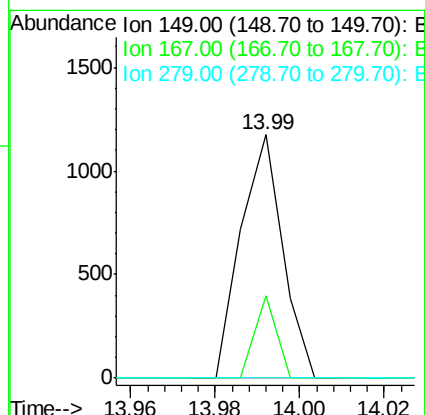
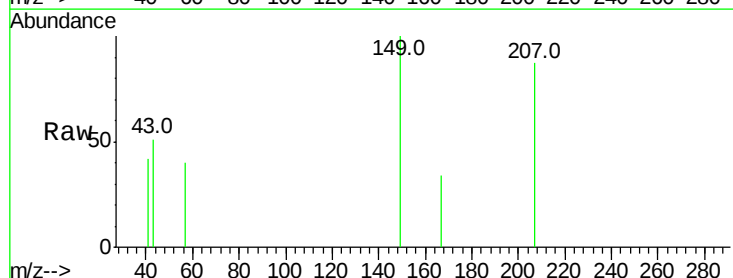
Tgt Ion:149 Resp: 804

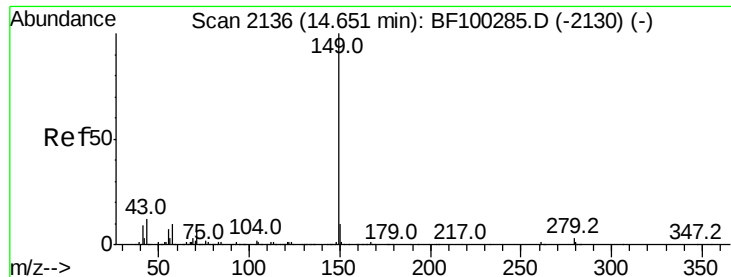
Ion Ratio Lower Upper

149 100

167 33.9 21.3 31.9#

279 0.0 3.0 4.4#

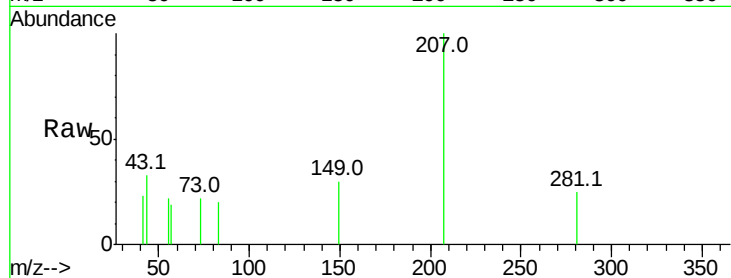




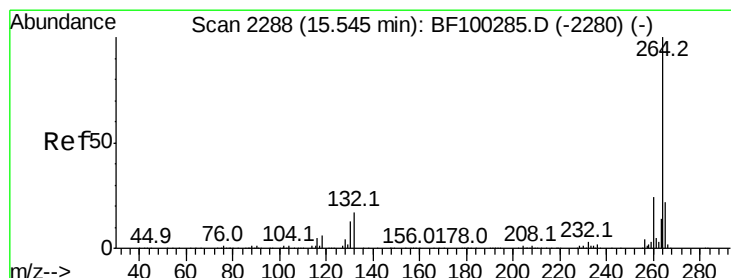
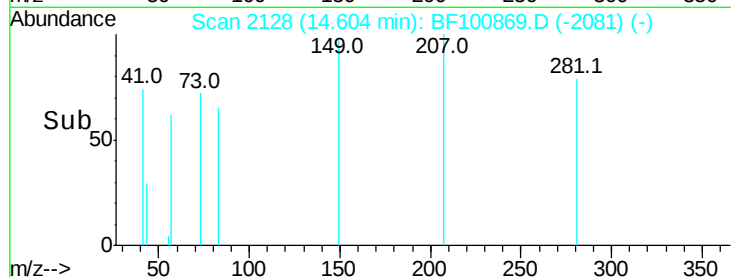
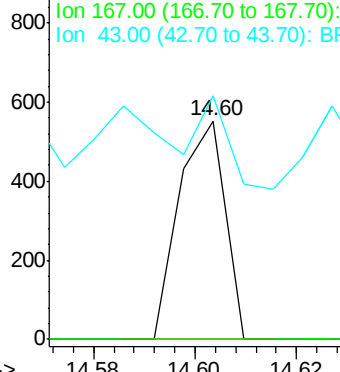
#84
Di-n-octyl phthalate
Concen: 0.033 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 347
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.4 12.6#

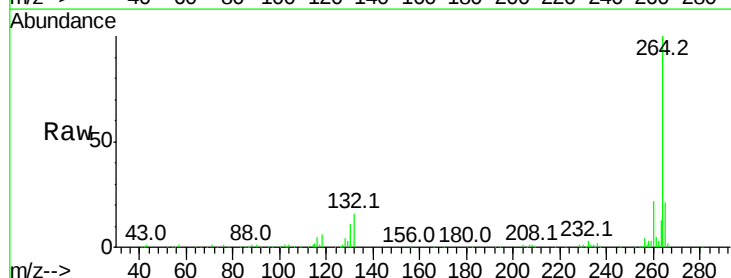


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

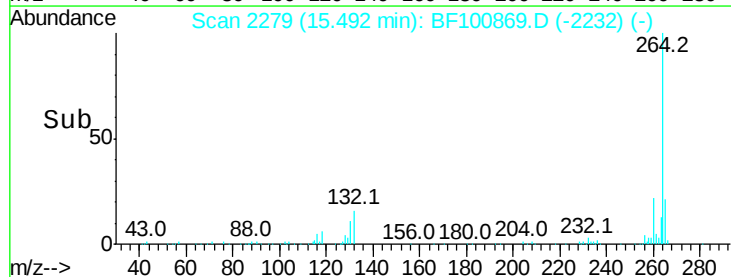
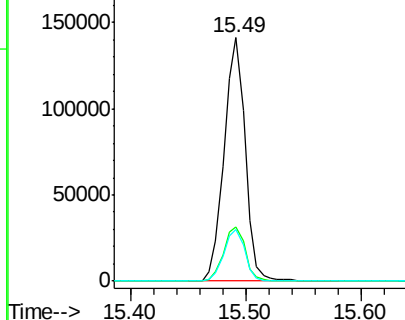


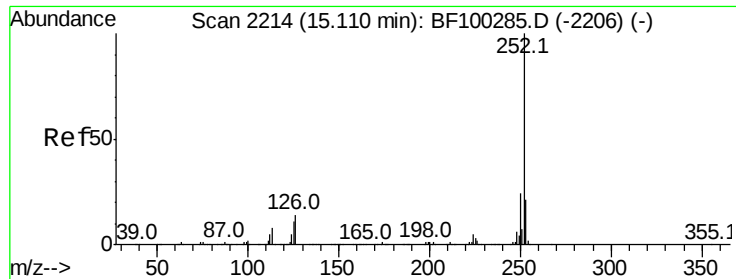
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion:264 Resp: 178863
Ion Ratio Lower Upper
264 100
260 22.5 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: 0.047 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BF100869.D

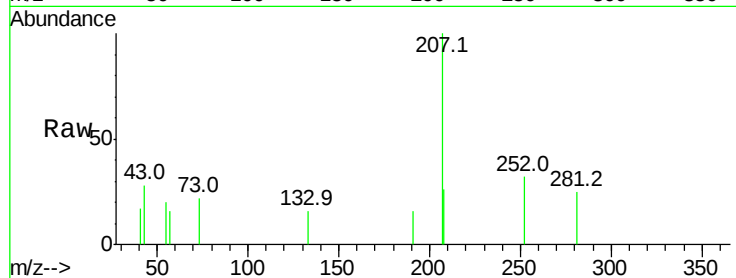
Acq: 23 Nov 2017 12:26

Instrument :

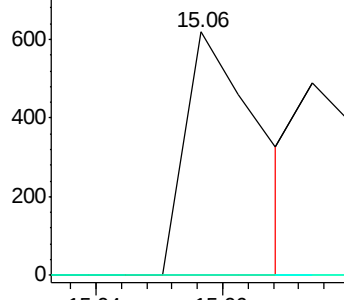
BNA_F

ClientSampleId :

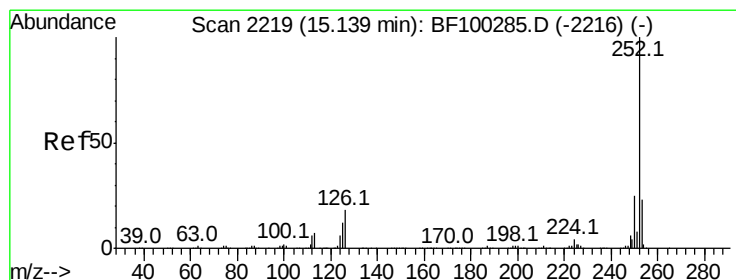
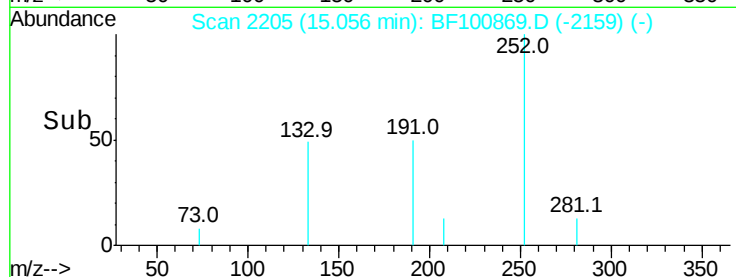
Tot Ion:252	Resp:	495
Ion Ratio	Lower	Upper
252	100	
253	0.0	17.0 25.6#
125	0.0	9.0 13.6#



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



Time-->



#88

Benzo(k)fluoranthene

Concen: 0.049 ng

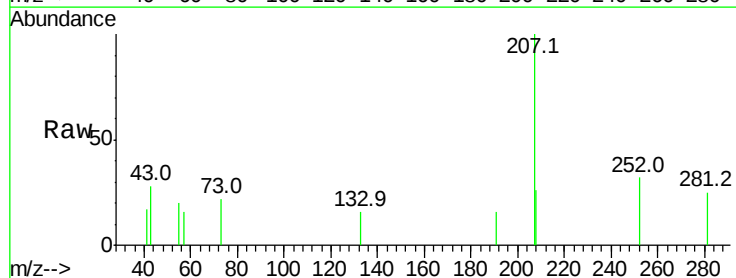
RT: 15.06 min Scan# 2205

Delta R.T. -0.06 min

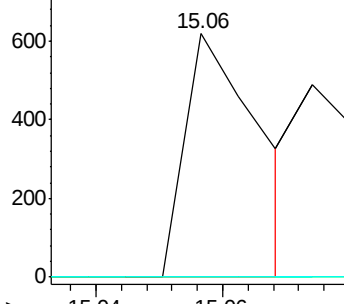
Lab File: BF100869.D

Acq: 23 Nov 2017 12:26

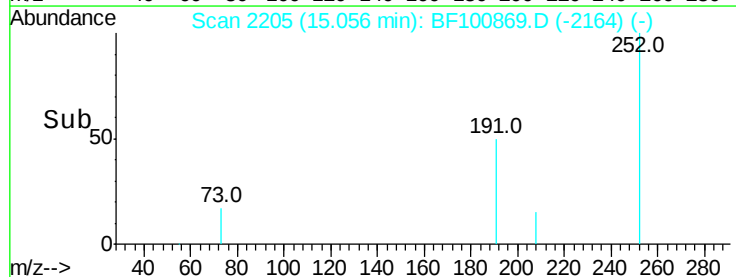
Tgt Ion:252	Resp:	495
Ion Ratio	Lower	Upper
252	100	
253	0.0	17.9 26.9#
125	0.0	10.2 15.2#

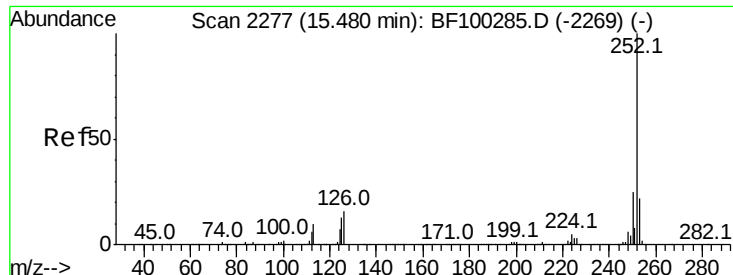


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

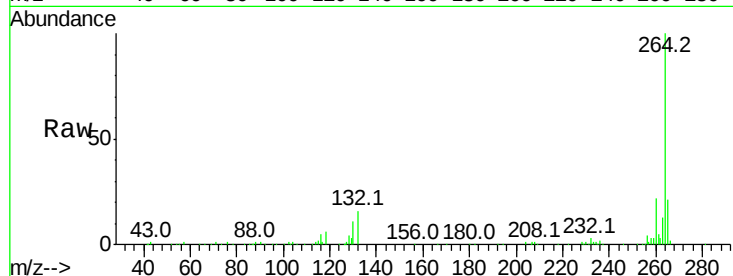




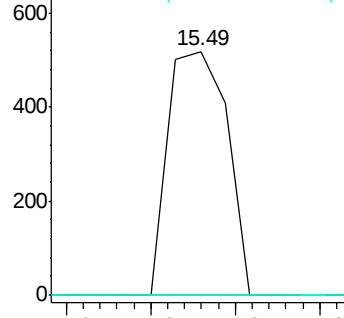
#89
Benzo(a)pyrene
Concen: 0.054 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Instrument :
BNA_F
ClientSampleId :

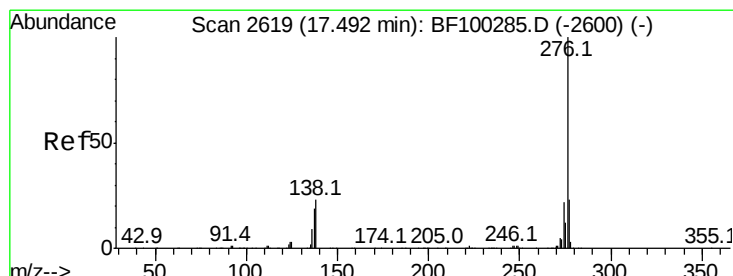
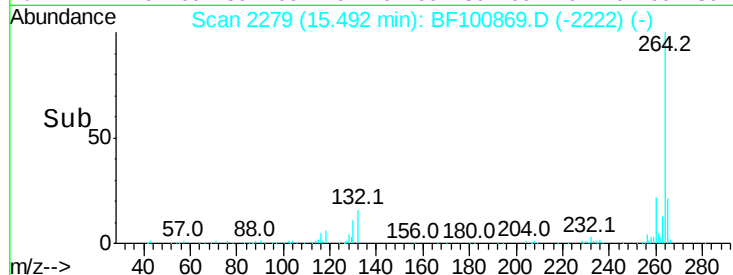
Tot Ion:252 Resp: 504
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 9.8 14.6#



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

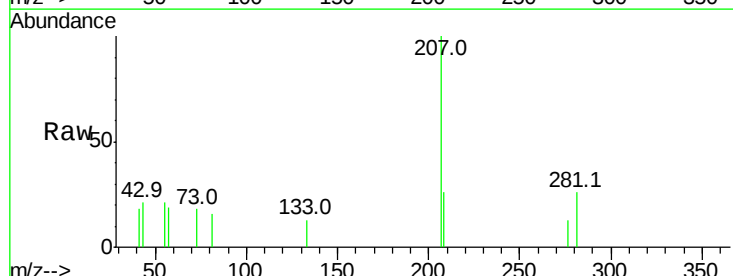


Time--> 15.46 15.48 15.50 15.52

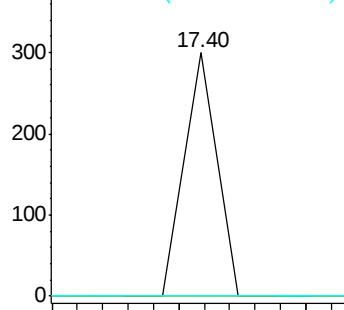


#91
Benzo(g,h,i)perylene
Concen: 0.014 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.05 min
Lab File: BF100869.D
Acq: 23 Nov 2017 12:26

Tgt Ion:276 Resp: 106
Ion Ratio Lower Upper
276 100
277 0.0 17.9 26.9#
138 0.0 21.8 32.8#



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



Time--> 17.38 17.40 17.42

