

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100956.D
 Acq On : 29 Nov 2017 2:09
 Operator : SJ/JU
 Sample : I6579-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 04:48:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	66360	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	244414	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95154	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	160571	20.00	ng	0.00
75) Chrysene-d12	14.02	240	160306	20.00	ng	0.00
86) Perylene-d12	15.49	264	129655	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	513960	124.15	ng	0.01
7) Phenol-d6	6.49	99	607482	119.00	ng	0.00
23) Nitrobenzene-d5	7.42	82	363192	98.24	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	123802	127.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	629962	100.81	ng	0.00
78) Terphenyl-d14	12.97	244	510068	73.11	ng	0.00

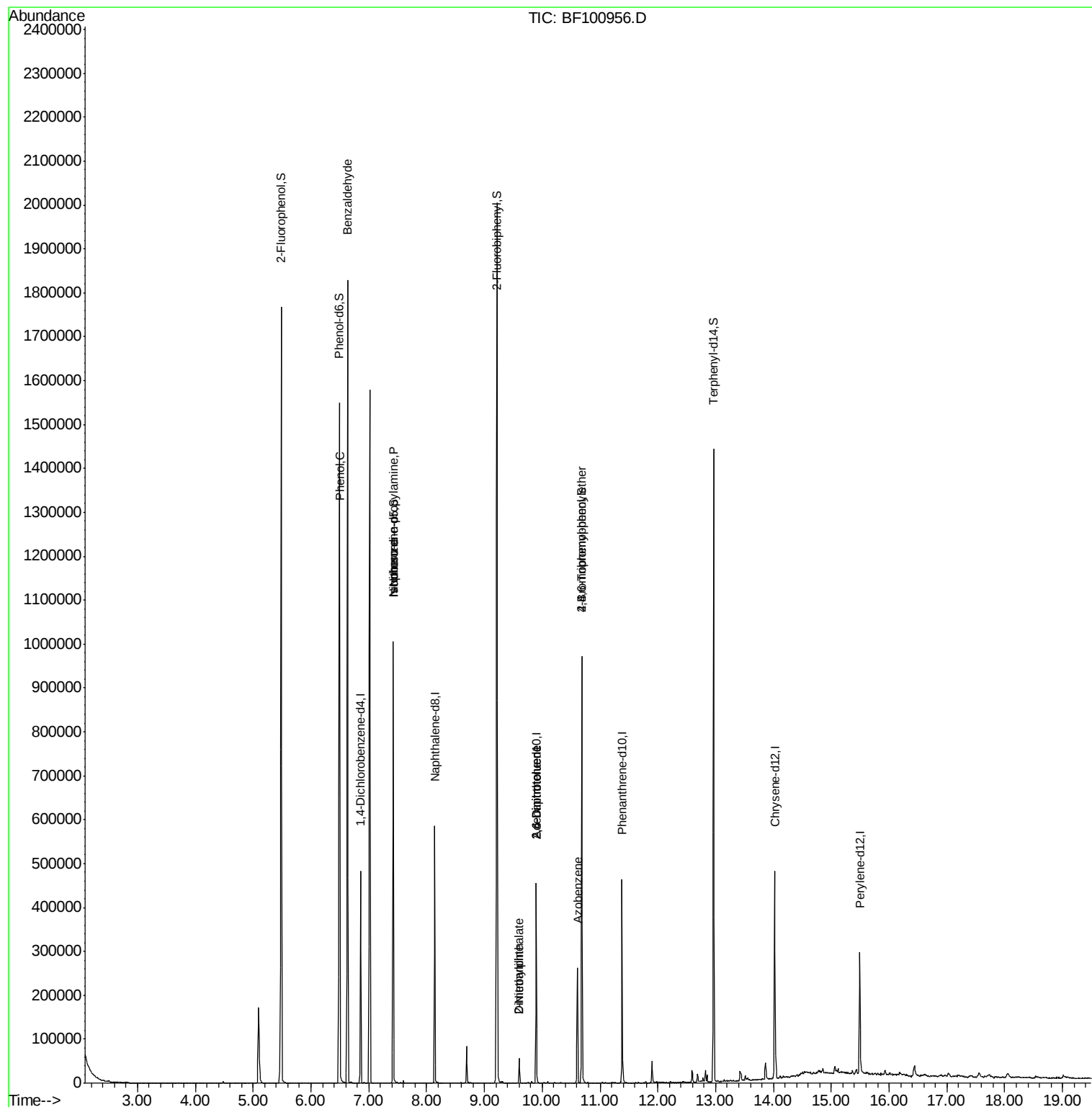
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.63	77	10541	2.891	ng	86
10) Phenol	6.50	94	14567	2.718	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	48152	13.601	ng	# 82
25) Isophorone	7.42	82	363187	46.750	ng	# 64
47) 2-Nitroaniline	9.60	65	116	2.846	ng	# 1
49) Dimethylphthalate	9.60	163	23379	3.218	ng	97
50) 2,6-Dinitrotoluene	9.89	165	12387	8.613	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	12387	6.828	ng	# 21
62) Azobenzene	10.60	77	46980	6.861	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	7946	4.616	ng	# 1

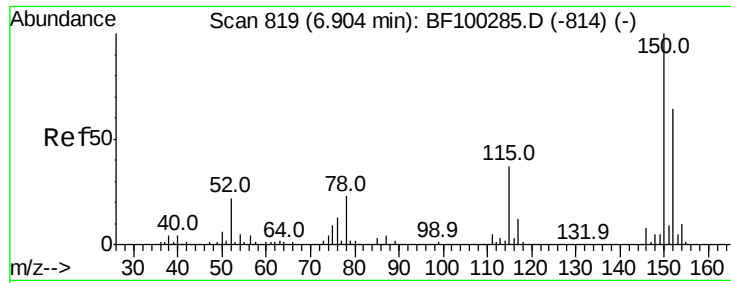
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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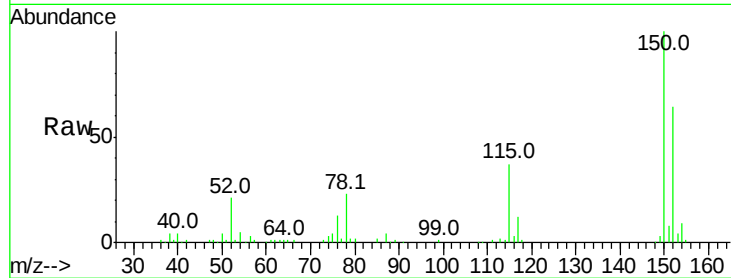


#1

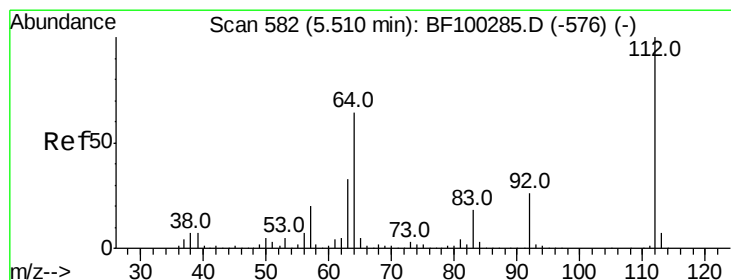
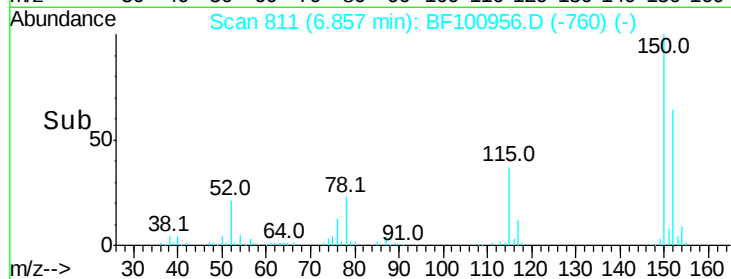
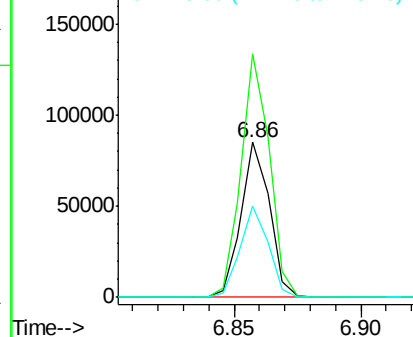
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66360
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 58.5 50.1 75.1



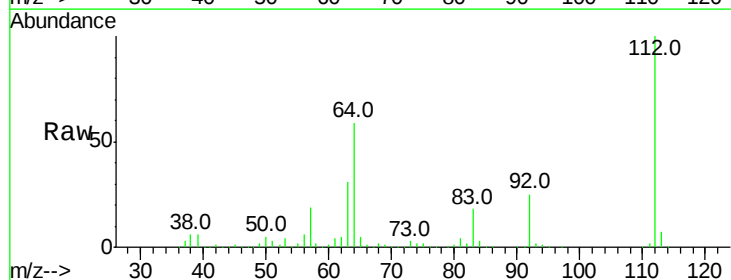
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



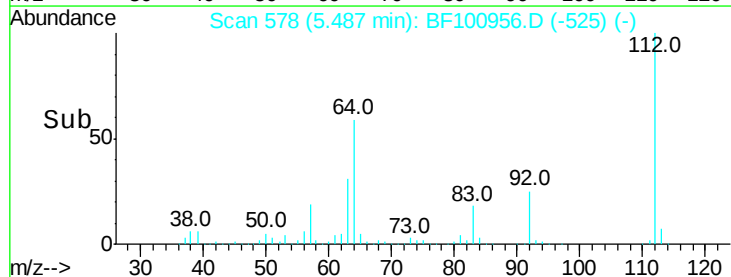
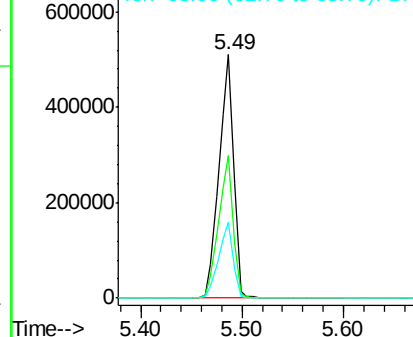
#5

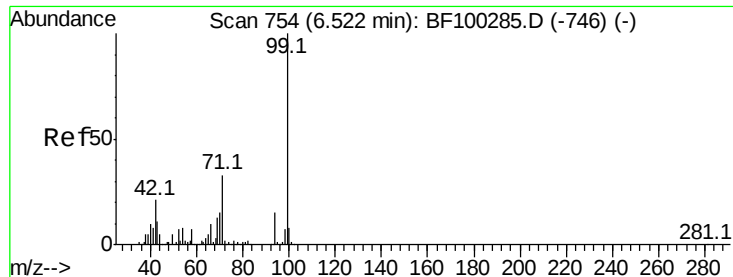
2-Fluorophenol
Concen: 124.152 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Tgt Ion:112 Resp: 513960
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 31.3 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





#7

Phenol-d6

Concen: 119.000 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

Instrument :

BNA_F

ClientSampleId :

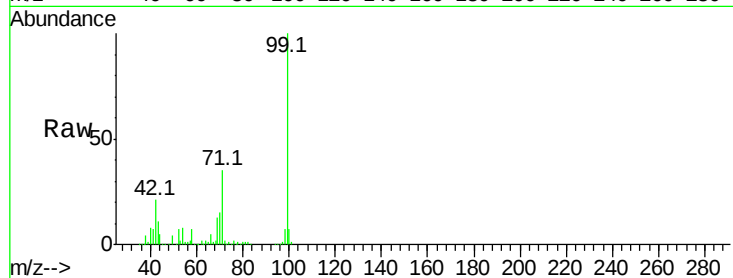
Tot Ion: 99 Resp: 607482

Ion Ratio Lower Upper

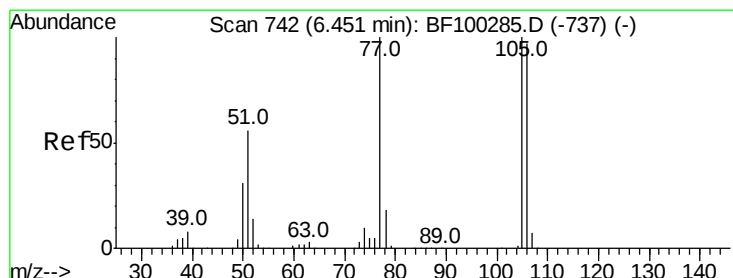
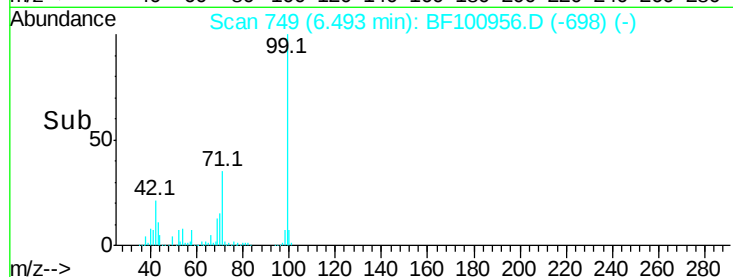
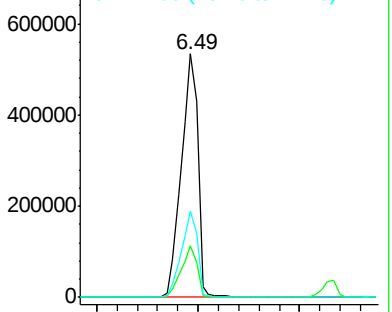
99 100

42 21.0 14.5 21.7

71 35.2 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: 2.891 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.22 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

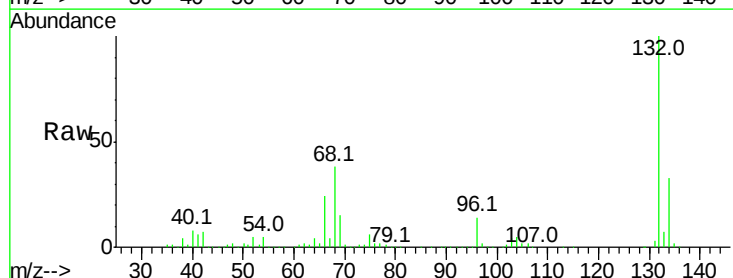
Tgt Ion: 77 Resp: 10541

Ion Ratio Lower Upper

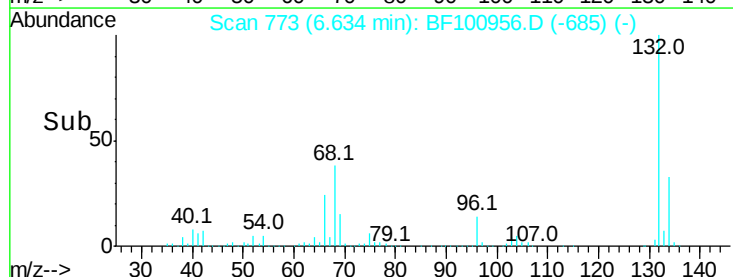
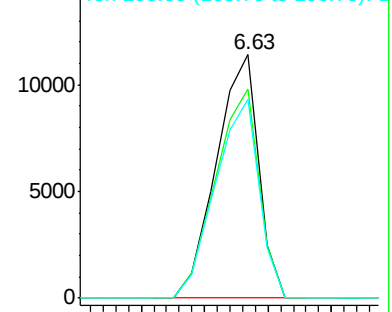
77 100

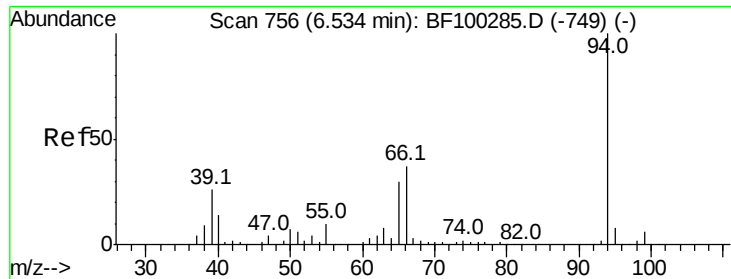
105 85.7 81.1 121.1

106 81.7 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

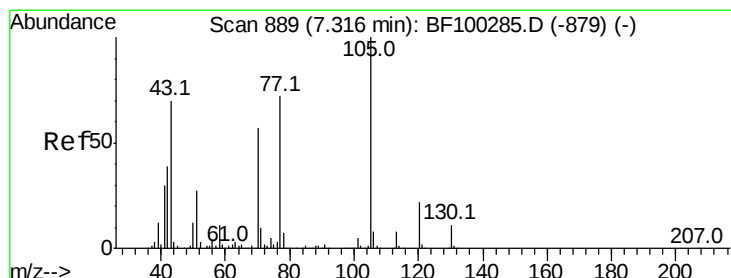
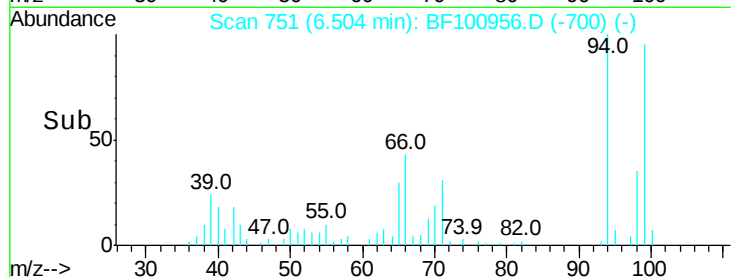
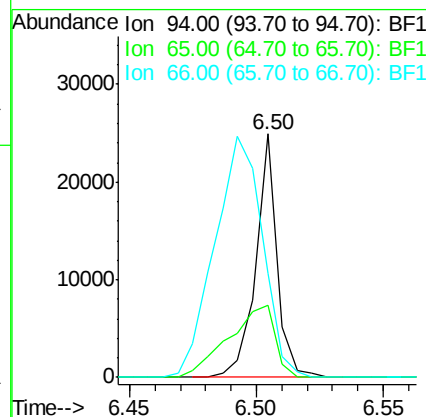
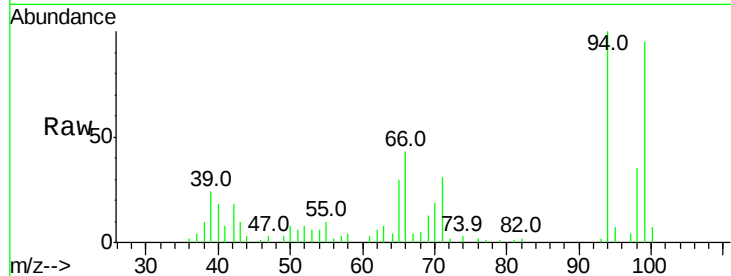




#10
Phenol
Concen: 2.718 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

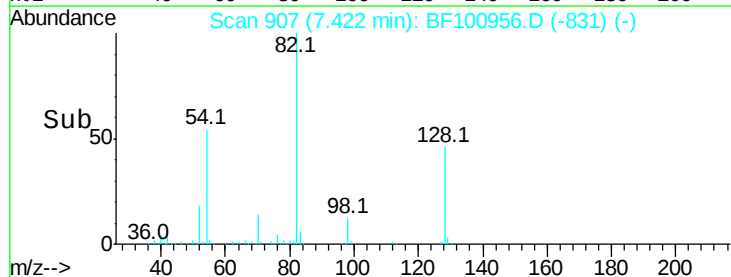
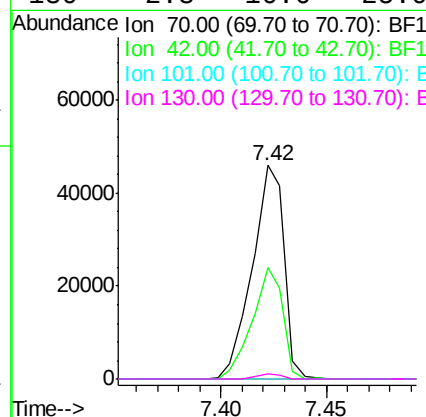
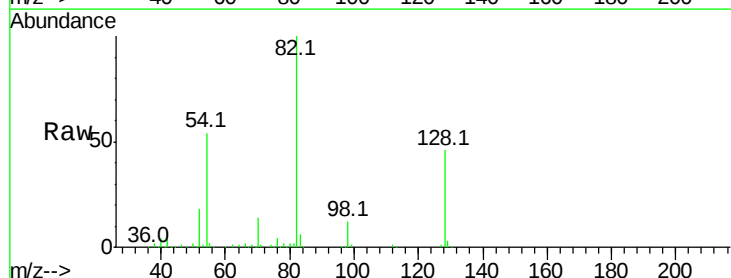
Instrument :
BNA_F
ClientSampled :

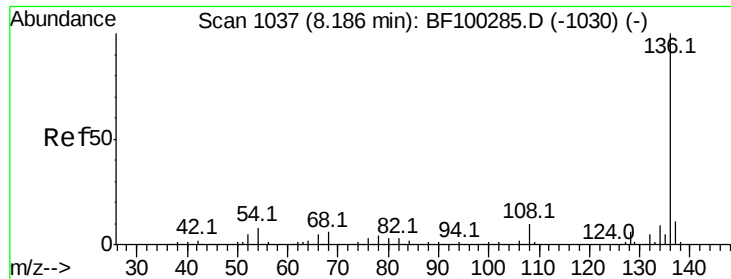
Tot Ion: 94 Resp: 14567
Ion Ratio Lower Upper
94 100
65 29.5 7.9 47.9
66 42.6 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.601 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Tgt Ion: 70 Resp: 48152
Ion Ratio Lower Upper
70 100
42 52.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

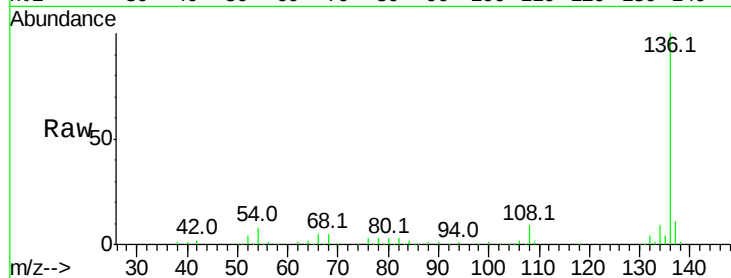




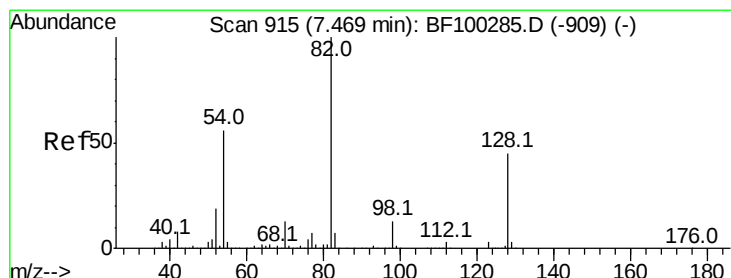
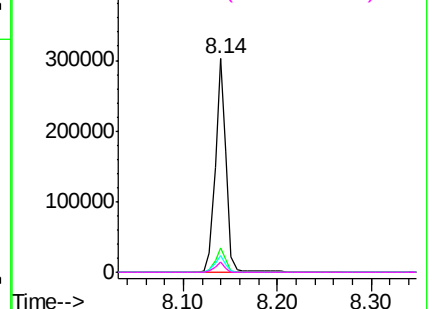
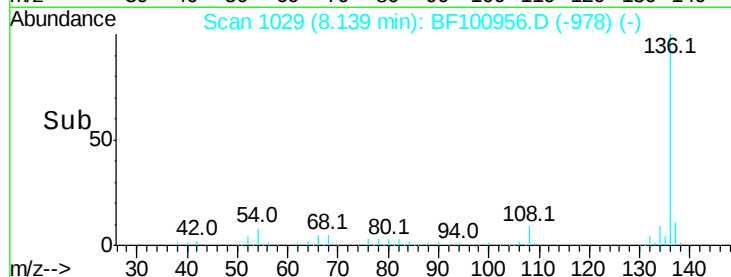
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	244414
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.6	9.8
68	5.0	5.0	7.4

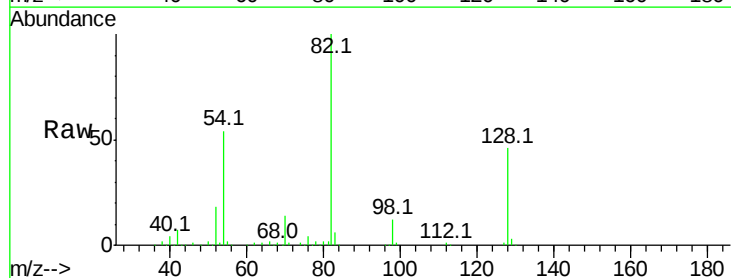


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

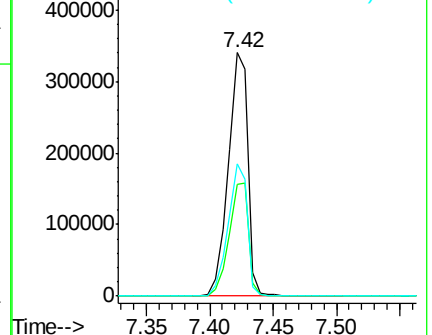
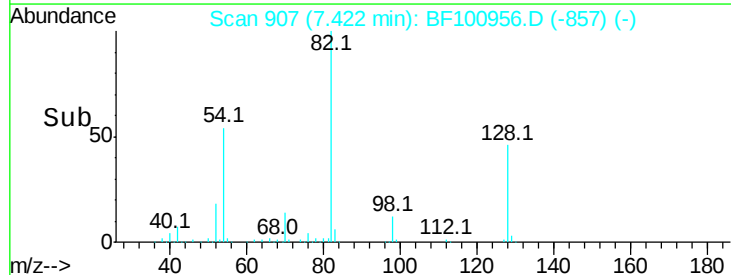


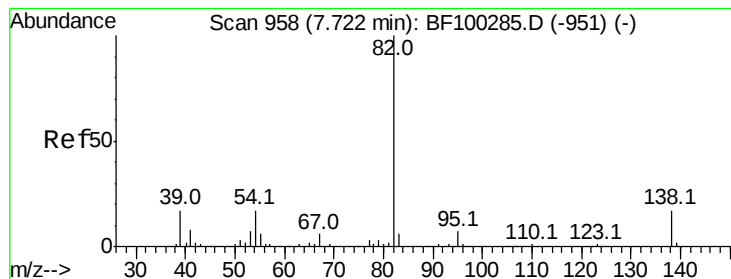
#23
Nitrobenzene-d5
Concen: 98.243 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Tgt Ion:	82	Resp:	363192
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	54.1	41.4	62.2



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





#25

Isophorone

Concen: 46.750 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

Instrument :

BNA_F

ClientSampled :

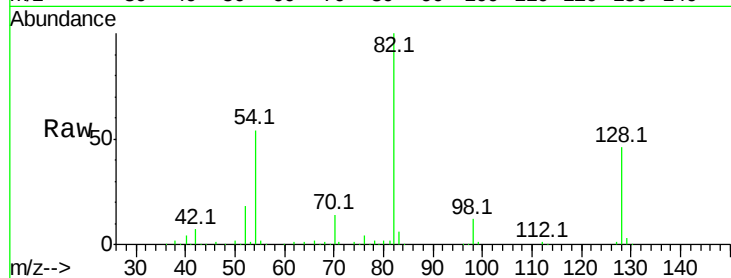
Tot Ion: 82 Resp: 363187

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

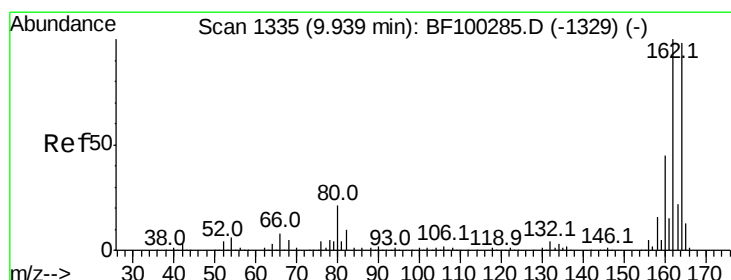
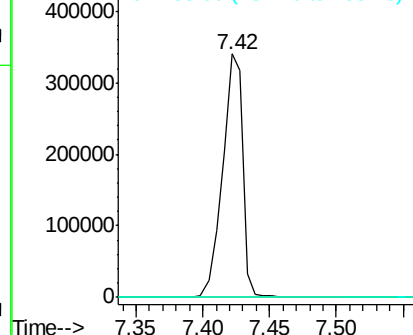
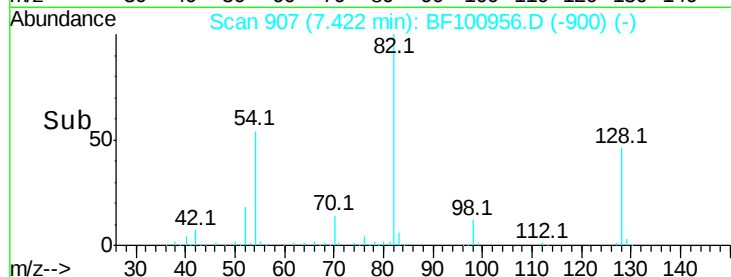
138 0.0 14.9 22.3#



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. -0.01 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

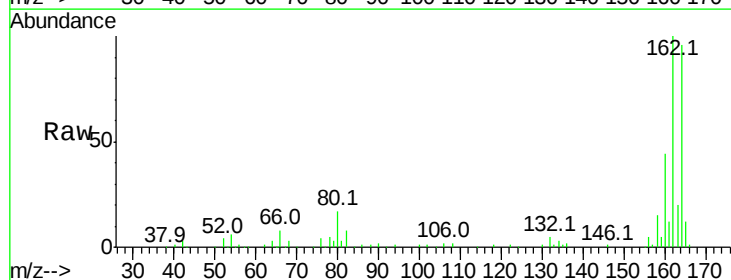
Tgt Ion: 164 Resp: 95154

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

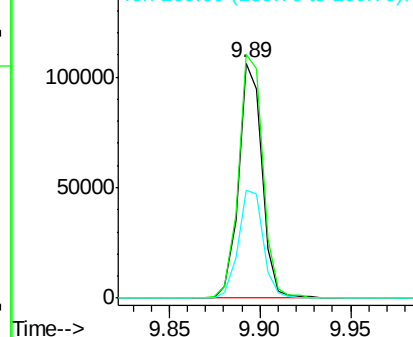
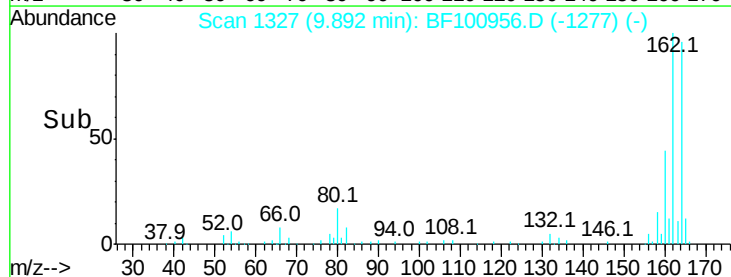
160 46.0 38.3 57.5

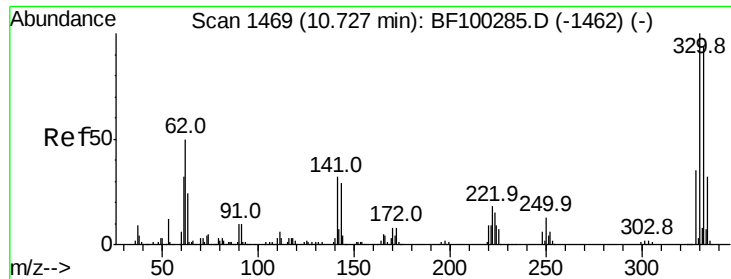


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

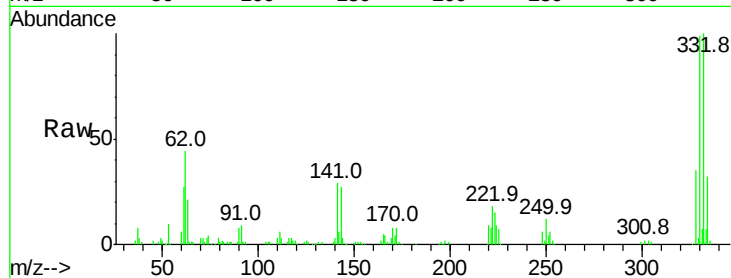




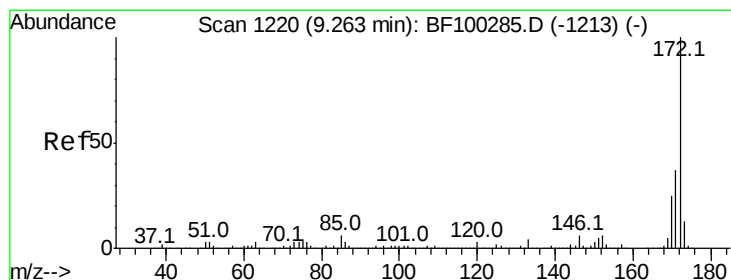
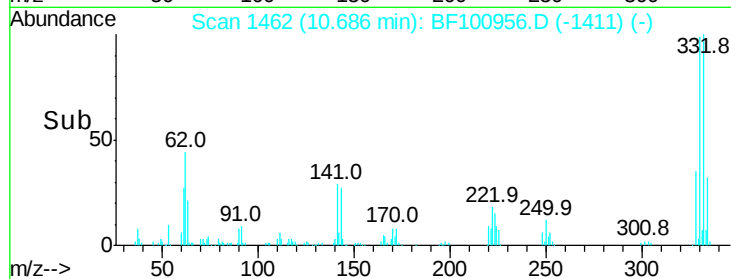
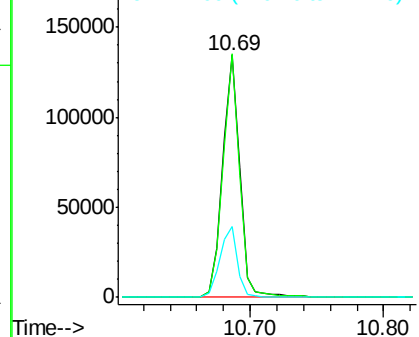
#41
 2,4,6-Tribromophenol
 Concen: 127.681 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF100956.D
 Acq: 29 Nov 2017 2:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	29.6	29.9	44.9#

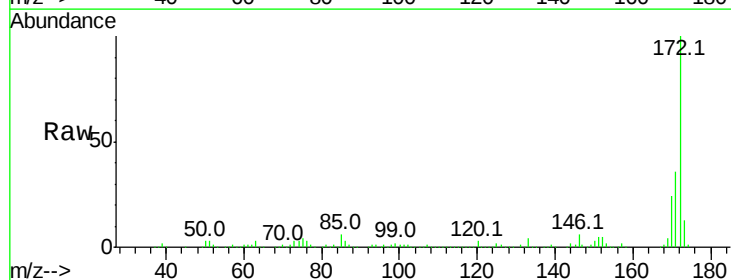


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

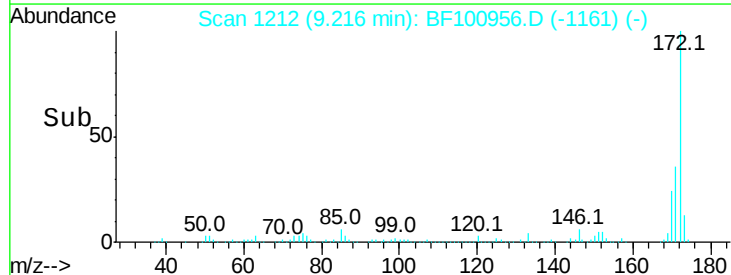
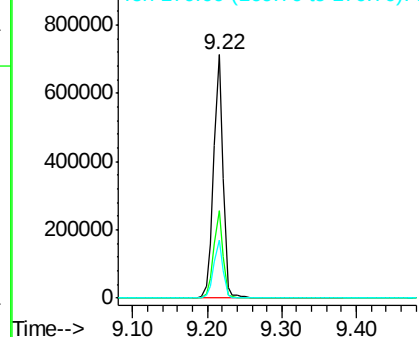


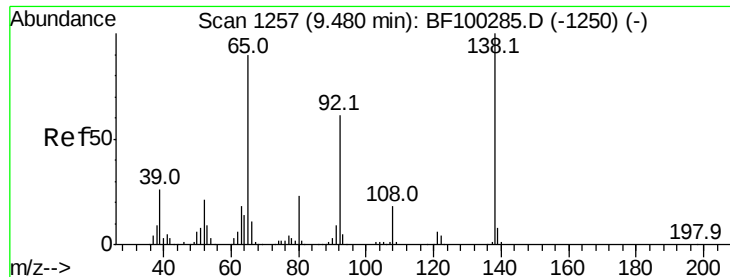
#44
 2-Fluorobiphenyl
 Concen: 100.810 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF100956.D
 Acq: 29 Nov 2017 2:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	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





#47

2-Nitroaniline

Concen: 2.846 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.16 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

Instrument :

BNA_F

ClientSampled :

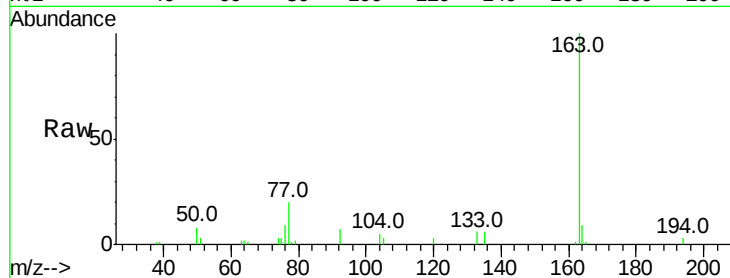
Tot Ion: 65 Resp: 116

Ion Ratio Lower Upper

65 100

92 614.0 55.8 83.6#

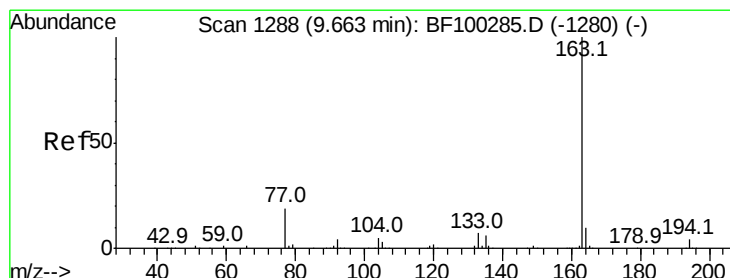
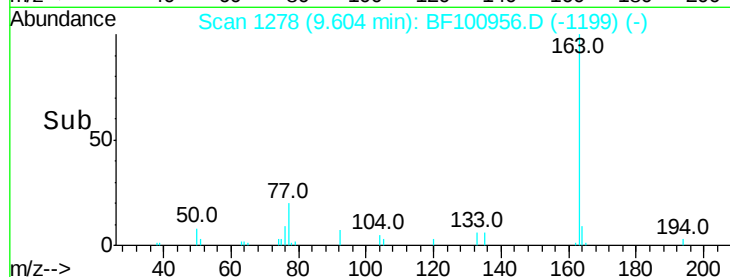
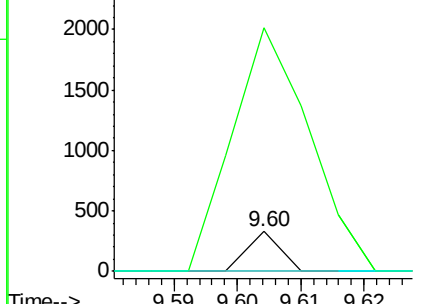
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 3.218 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

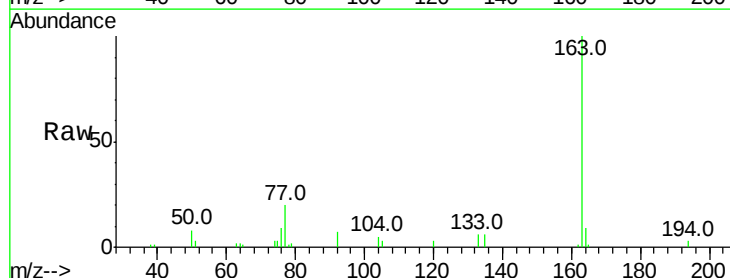
Tgt Ion: 163 Resp: 23379

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

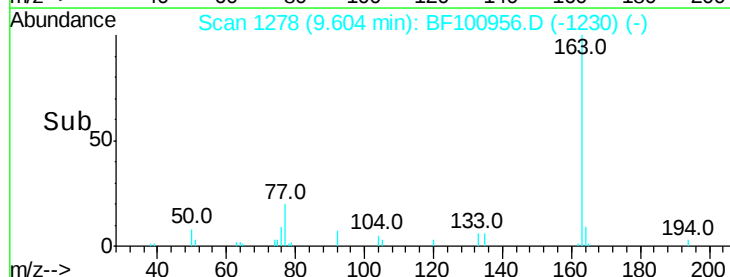
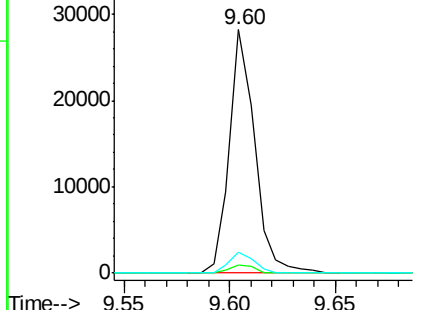
164 8.8 8.2 12.2

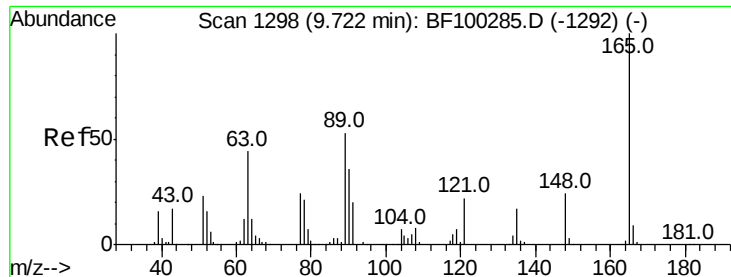


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

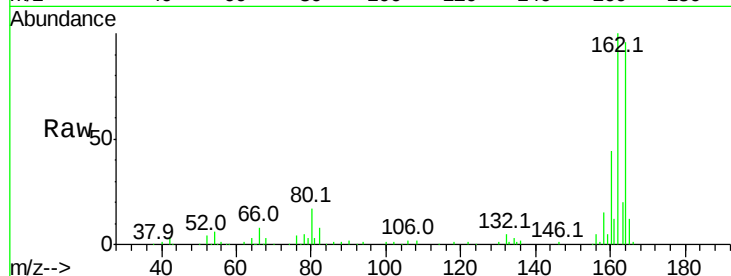




#50
 2,6-Dinitrotoluene
 Concen: 8.613 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100956.D
 Acq: 29 Nov 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :

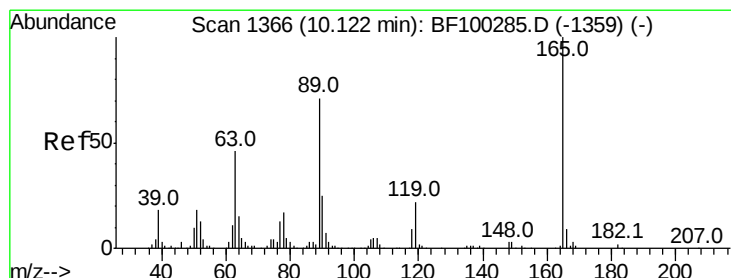
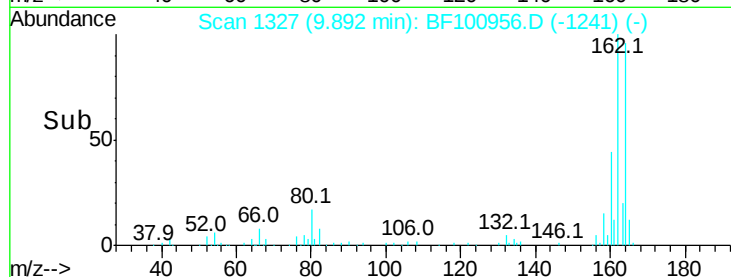
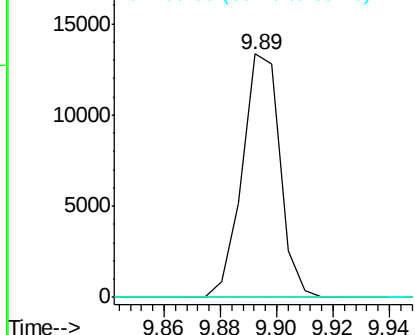
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

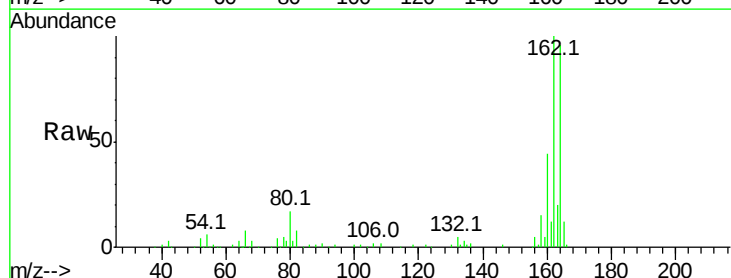
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.828 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100956.D
 Acq: 29 Nov 2017 2:09

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#

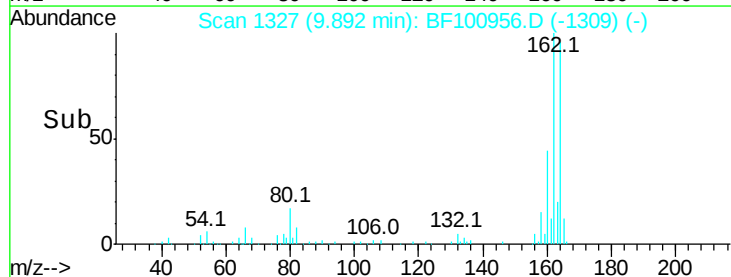
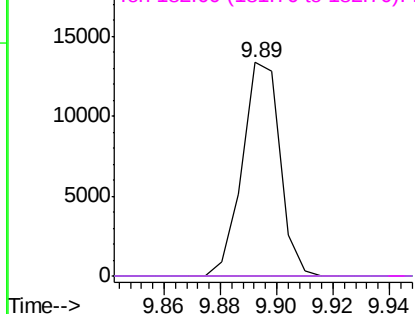


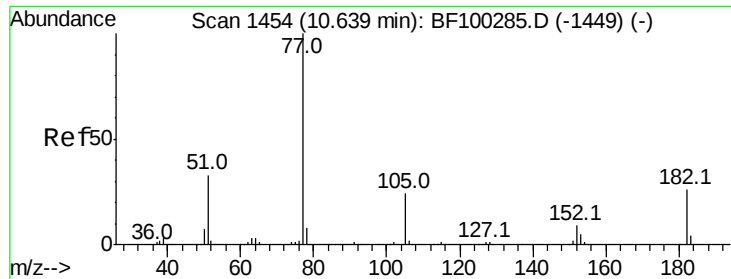
Abundance Ion 165.00 (164.70 to 165.70): E

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

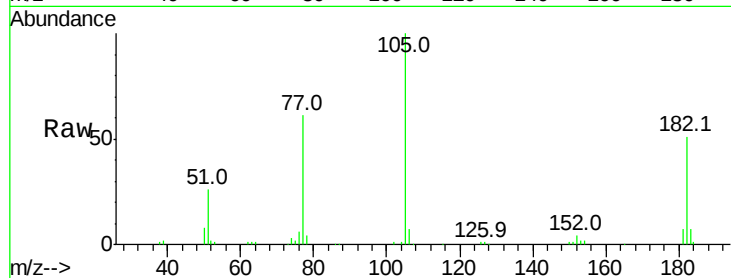




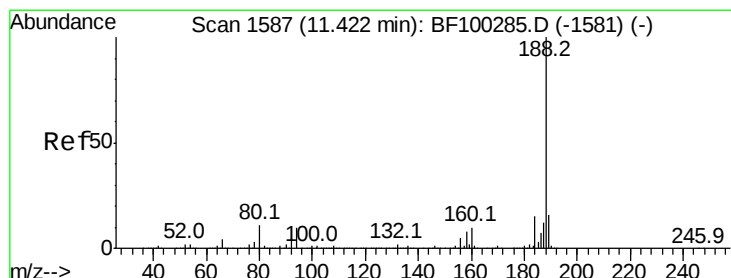
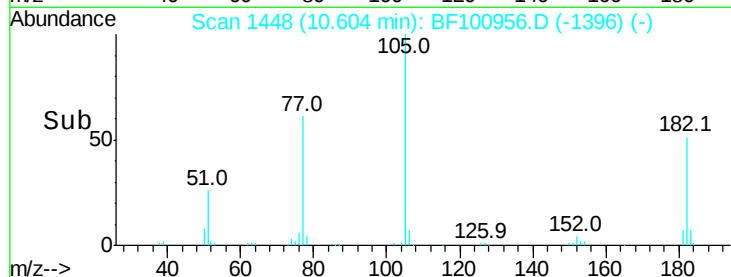
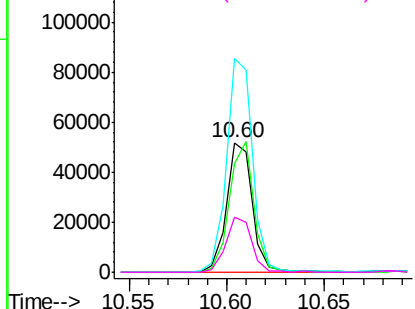
#62
Azobenzene
Concen: 6.861 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 46980
Ion Ratio Lower Upper
77 100
182 83.8 1.7 41.7#
105 164.7 3.0 43.0#
51 42.2 9.9 49.9

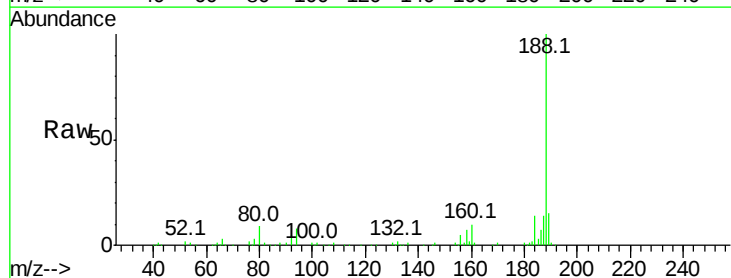


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

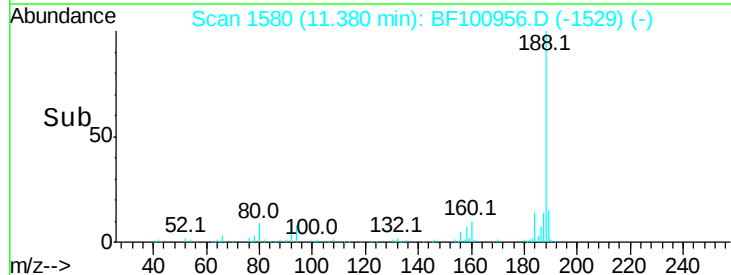
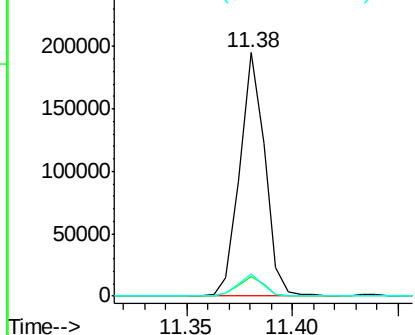


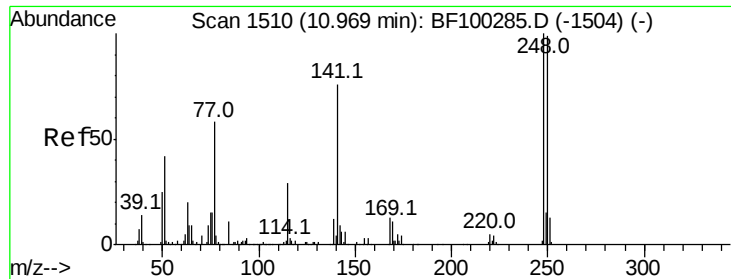
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Tgt Ion: 188 Resp: 160571
Ion Ratio Lower Upper
188 100
94 8.3 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

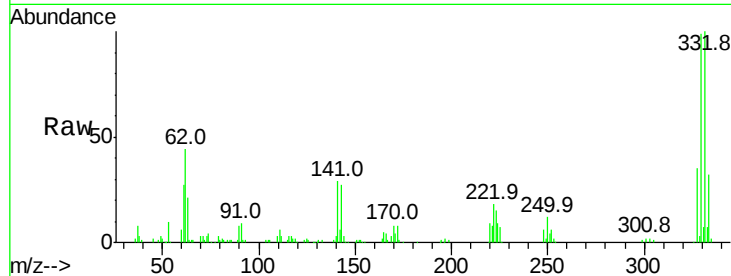




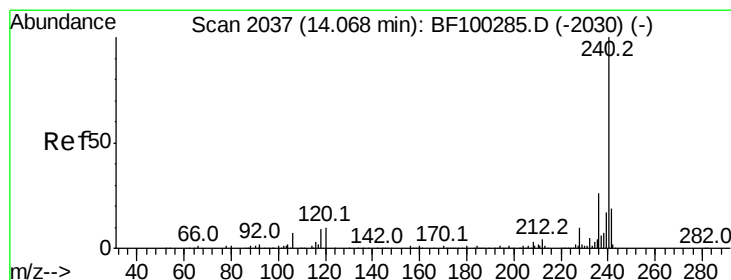
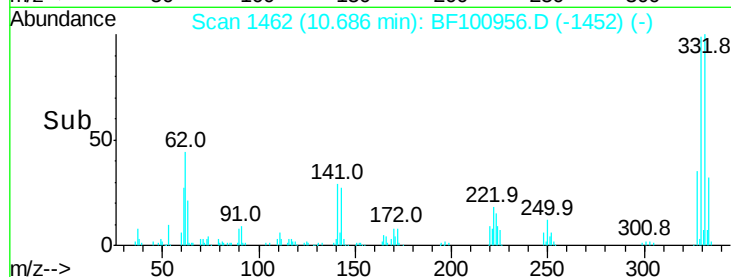
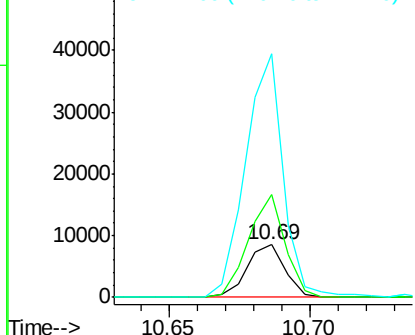
#66
4-Bromophenyl-phenylether
Concen: 4.616 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7946
Ion Ratio Lower Upper
248 100
250 195.2 76.9 115.3#
141 462.1 74.4 111.6#

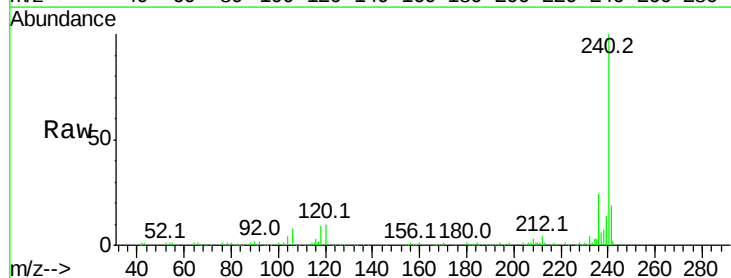


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

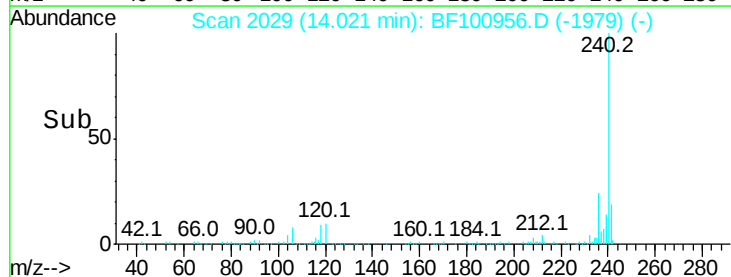
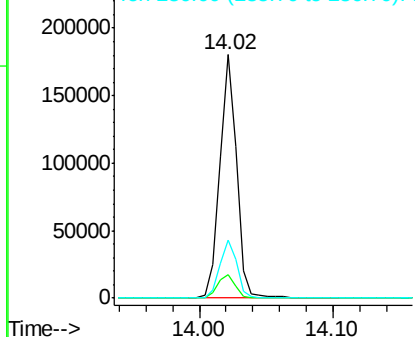


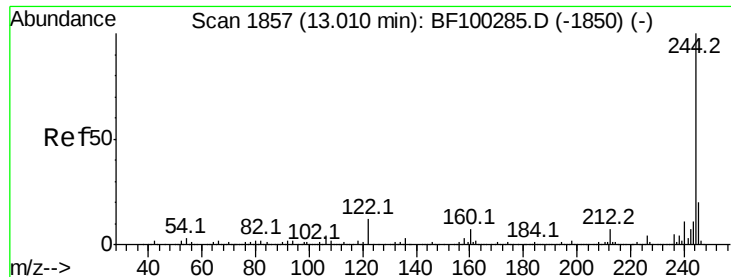
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Tgt Ion:240 Resp: 160306
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 24.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

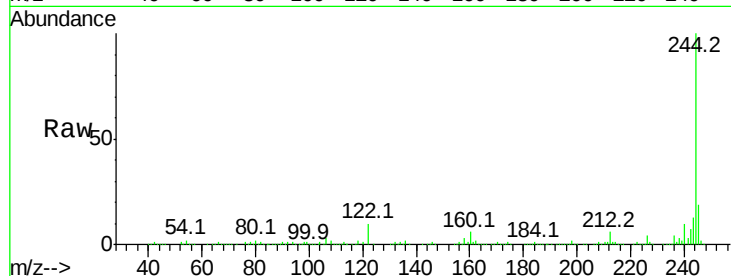




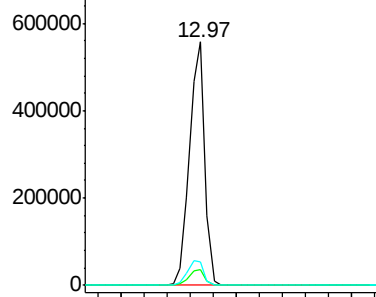
#78
 Terphenyl-d14
 Concen: 73.109 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF100956.D
 Acq: 29 Nov 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :

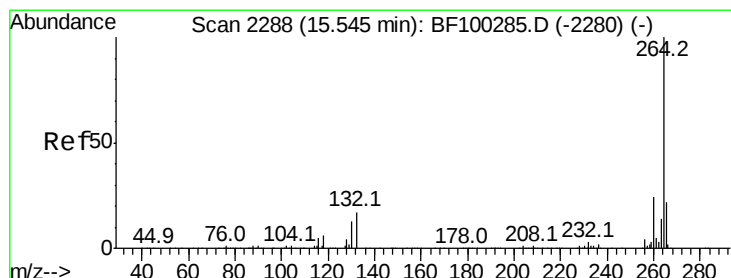
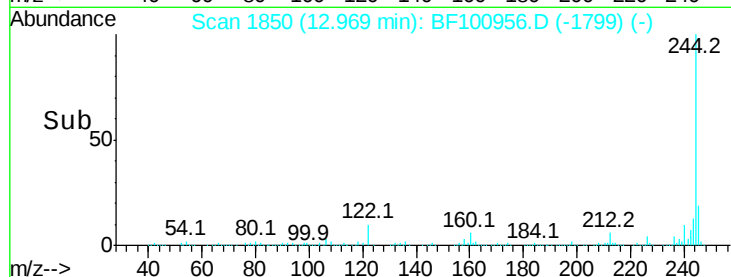
Tot Ion:244 Resp: 510068
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.7 11.0 16.4#



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

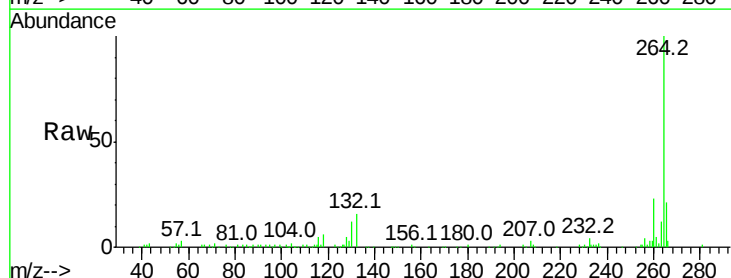


Time-->

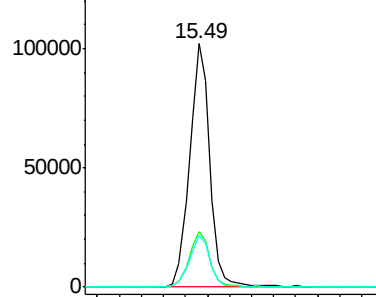


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF100956.D
 Acq: 29 Nov 2017 2:09

Tgt Ion:264 Resp: 129655
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.1 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



Time-->

