

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100677.D
 Acq On : 17 Nov 2017 16:06
 Operator : SJ/JU
 Sample : I6437-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 17 16:42:40 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

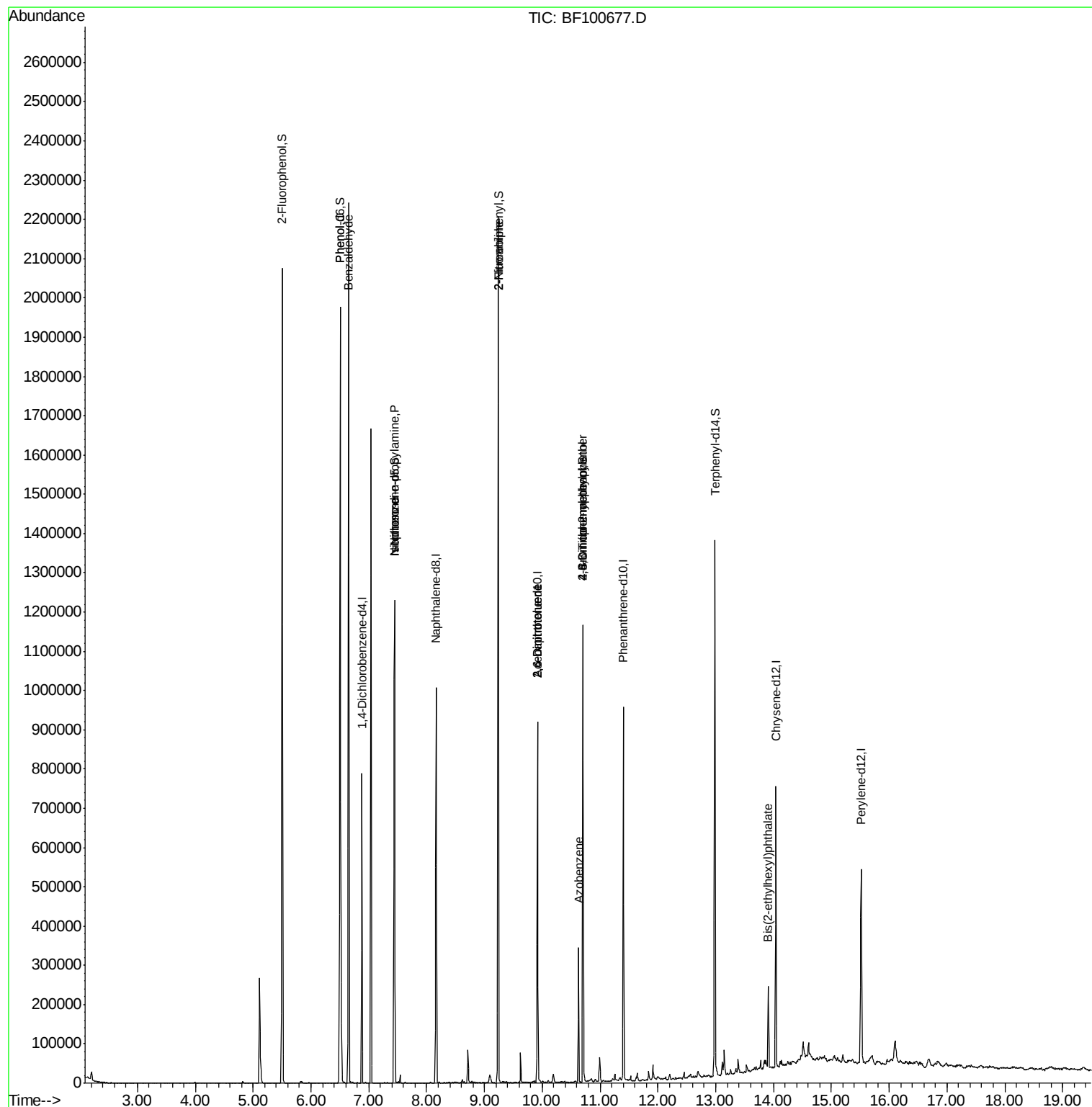
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	111447	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	430615	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	191006	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	315849	20.00	ng	0.00
75) Chrysene-d12	14.04	240	230659	20.00	ng	0.00
86) Perylene-d12	15.52	264	232318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	599841	86.28	ng	0.01
7) Phenol-d6	6.51	99	723851	84.43	ng	0.00
23) Nitrobenzene-d5	7.45	82	398476	61.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	144801	74.40	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	699004	55.73	ng	0.00
78) Terphenyl-d14	12.99	244	436213	43.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	12428	2.030	ng	87
10) Phenol	6.52	94	44380	4.931	ng	84
19) n-Nitroso-di-n-propylamine	7.45	70	51768	8.707	ng	# 78
25) Isophorone	7.45	82	398472	29.113	ng	# 64
47) 2-Nitroaniline	9.24	65	953	3.037	ng	# 3
50) 2,6-Dinitrotoluene	9.92	165	23957	8.299	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	23957	6.578	ng	# 22
62) Azobenzene	10.63	77	49582	3.607	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	125	8.634	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9040	2.670	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.91	149	59180	6.710	ng	# 99

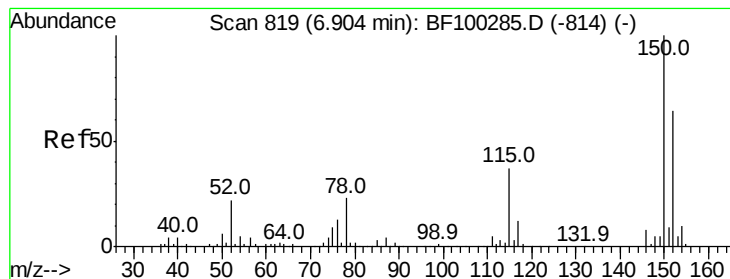
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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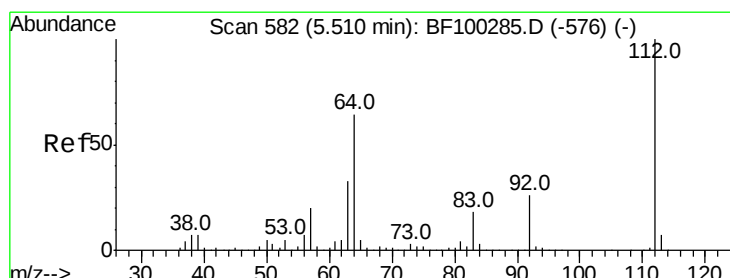
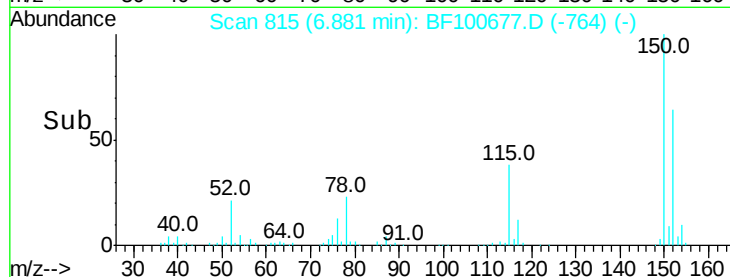
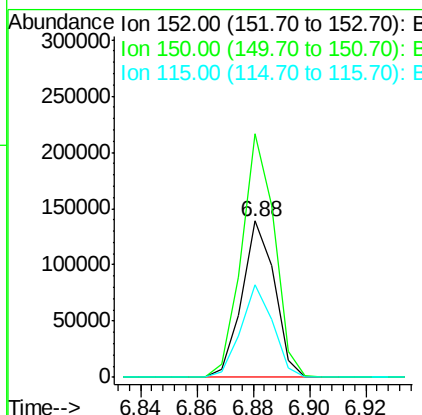
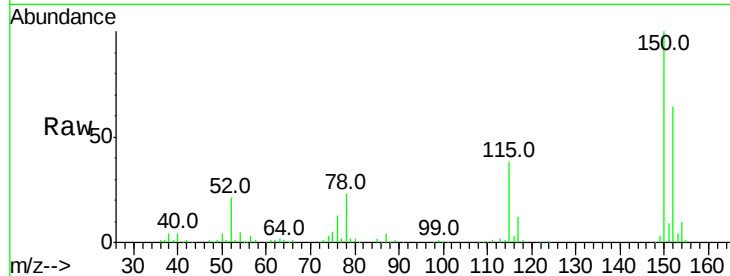


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :

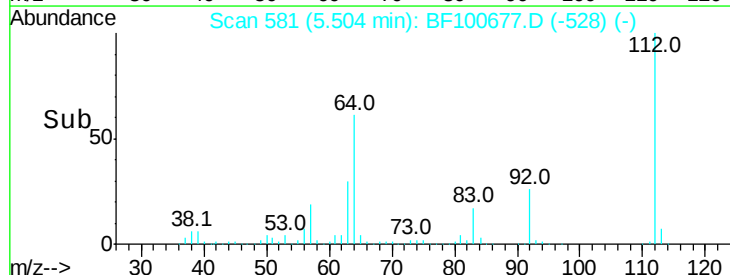
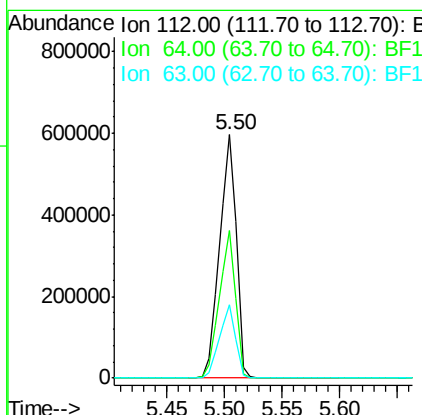
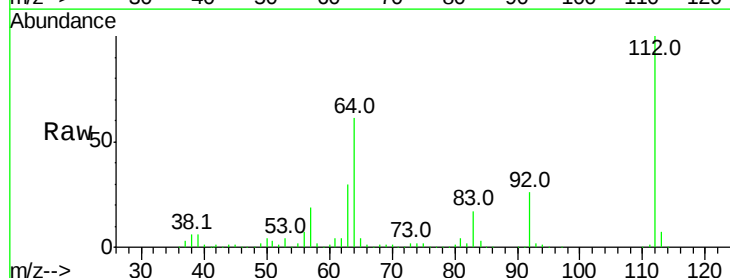
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	59.2	50.1	75.1



#5

2-Fluorophenol
 Concen: 86.278 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 84.431 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

Instrument :

BNA_F

ClientSampleId :

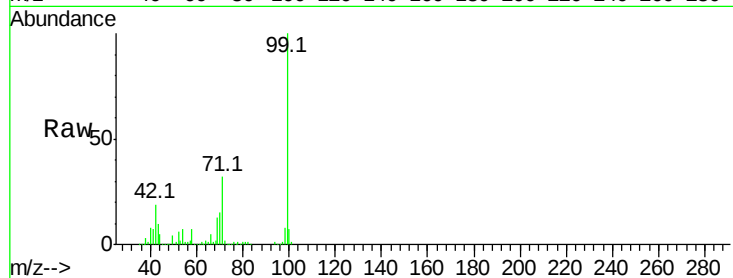
Tot Ion: 99 Resp: 723851

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

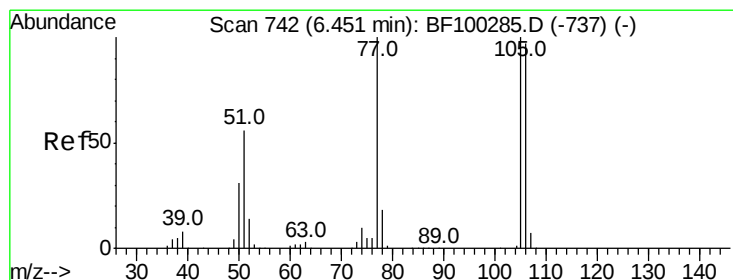
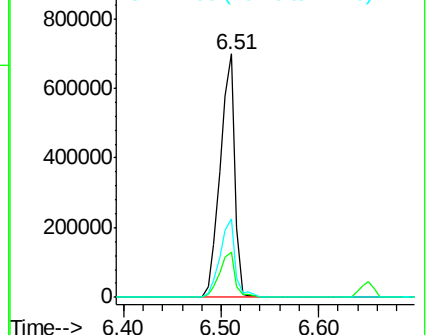
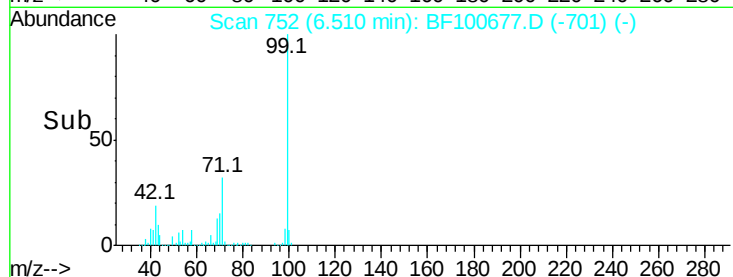
71 32.1 25.4 38.0



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: 2.030 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.22 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

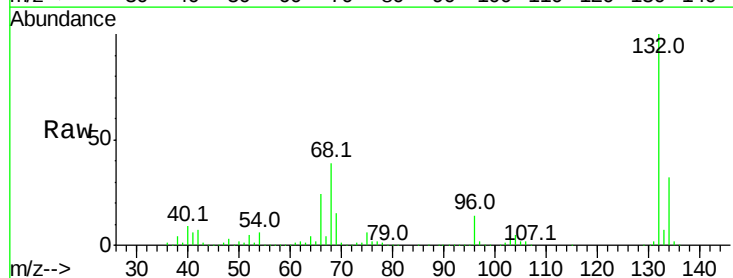
Tgt Ion: 77 Resp: 12428

Ion Ratio Lower Upper

77 100

105 88.9 81.1 121.1

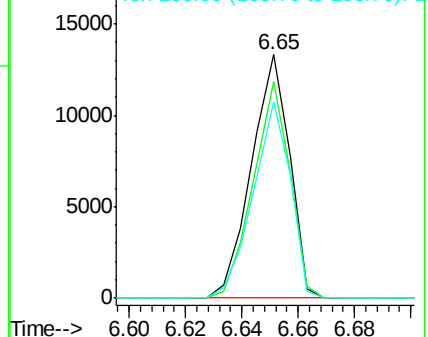
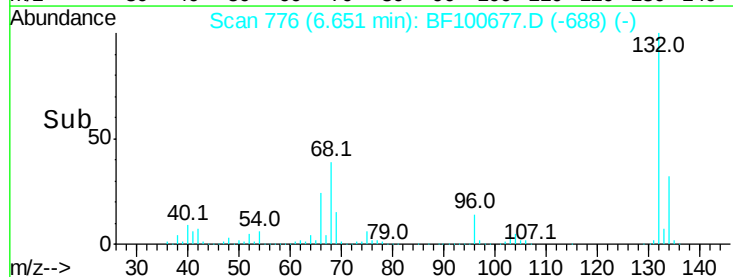
106 80.4 74.5 114.5

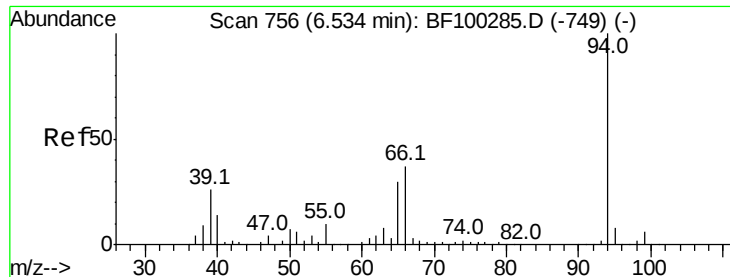


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.931 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

Instrument :

BNA_F

ClientSampleId :

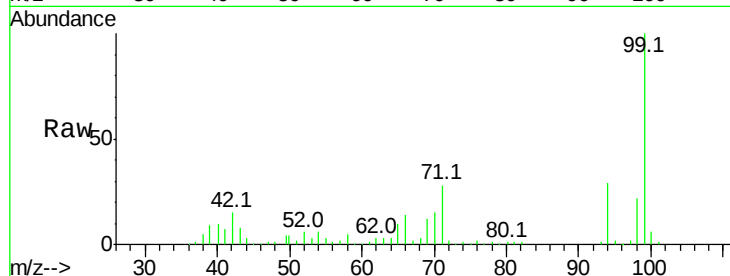
Tot Ion: 94 Resp: 44380

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

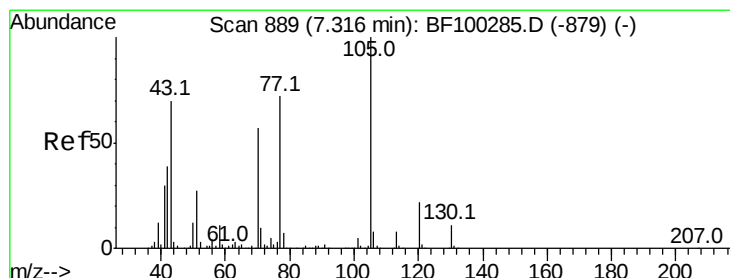
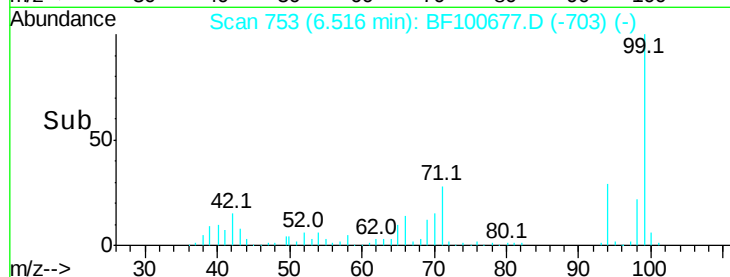
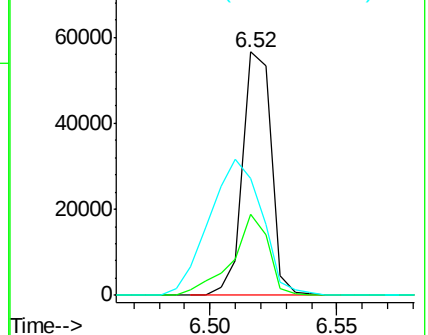
66 47.9 16.2 56.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.707 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

Tgt Ion: 70 Resp: 51768

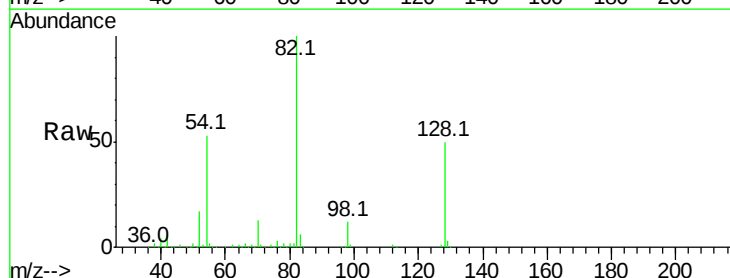
Ion Ratio Lower Upper

70 100

42 47.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

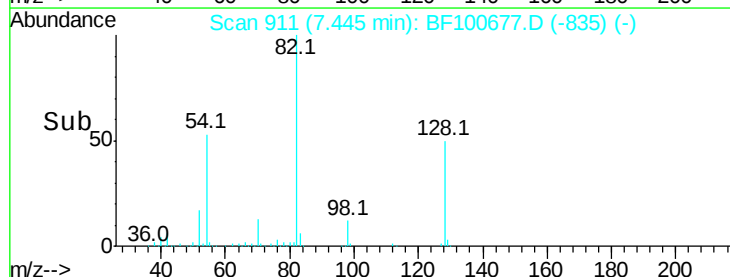
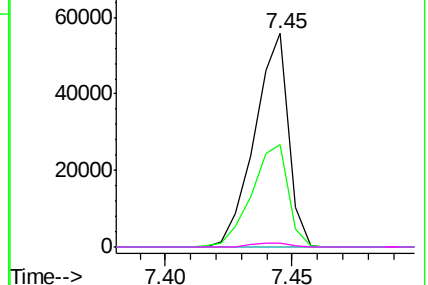


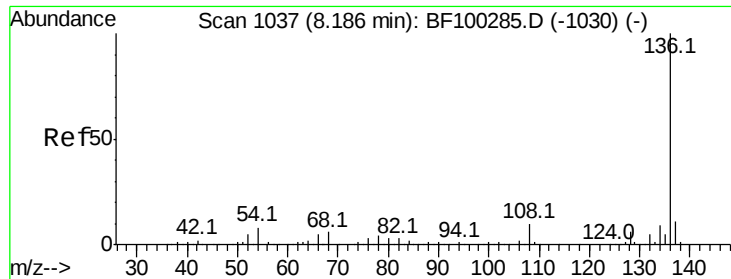
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

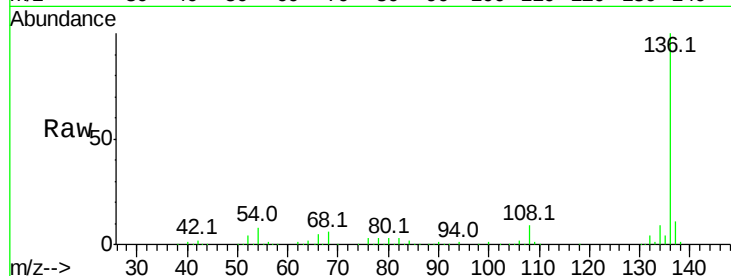




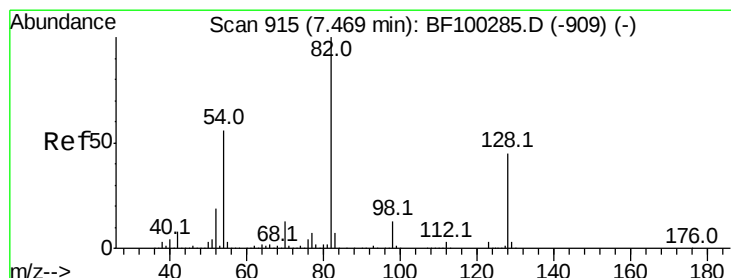
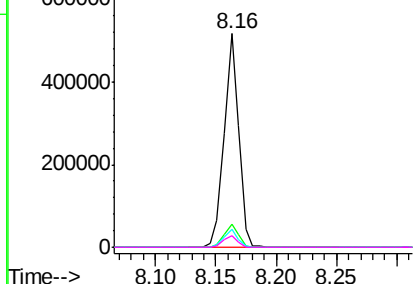
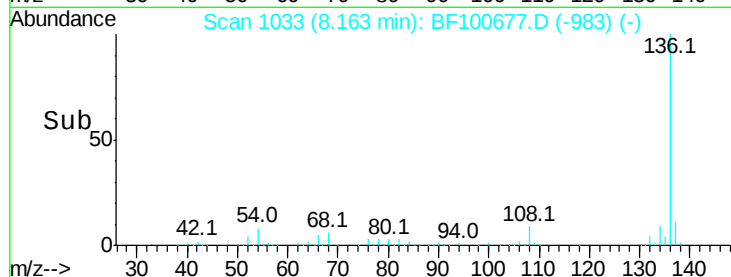
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100677.D
Acq: 17 Nov 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	430615
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	5.7	5.0	7.4

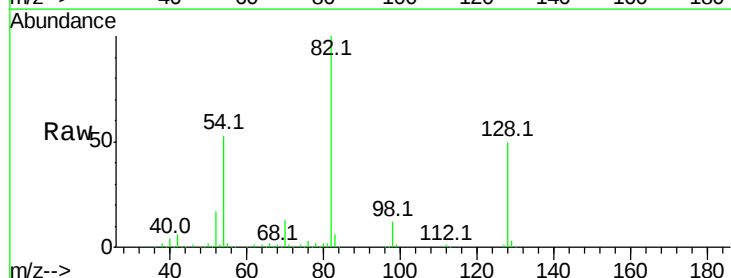


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

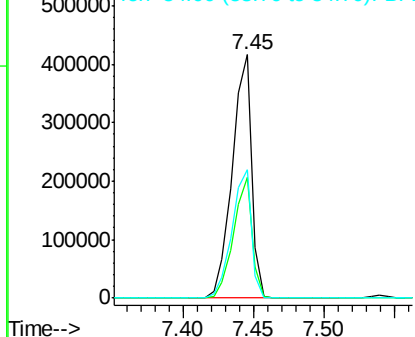
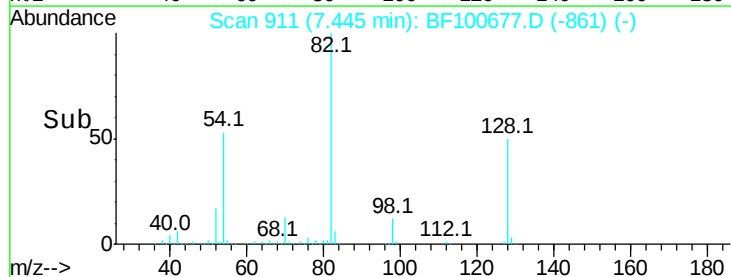


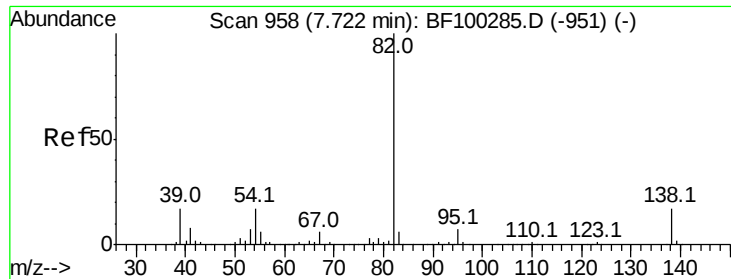
#23
Nitrobenzene-d5
Concen: 61.179 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100677.D
Acq: 17 Nov 2017 16:06

Tgt Ion:	82	Resp:	398476
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	52.8	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: 29.113 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

Instrument :

BNA_F

ClientSampleId :

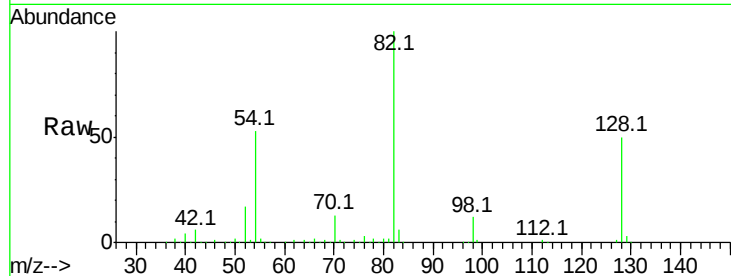
Tot Ion: 82 Resp: 398472

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

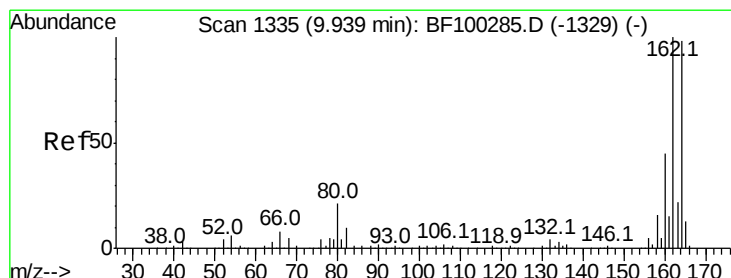
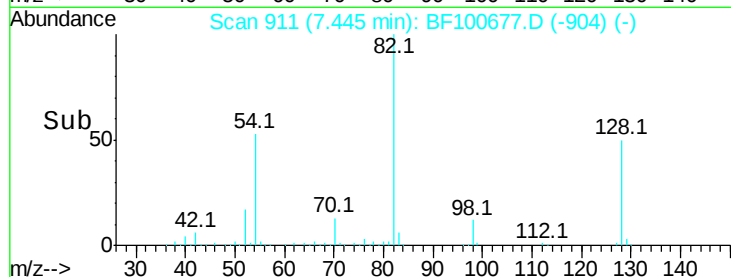
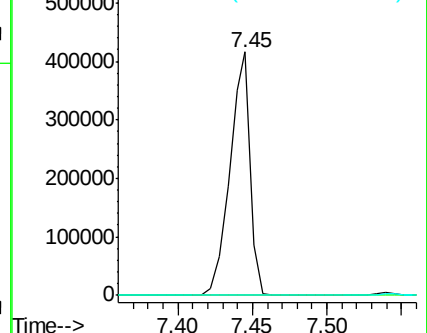
138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

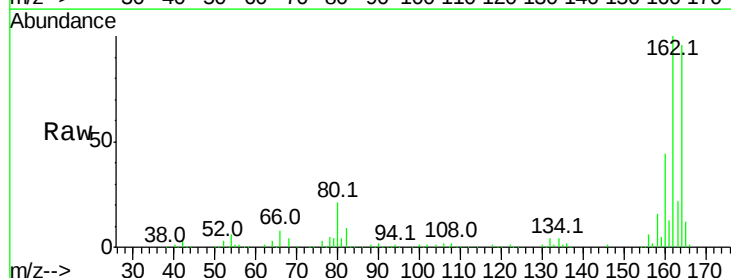
Tgt Ion: 164 Resp: 191006

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

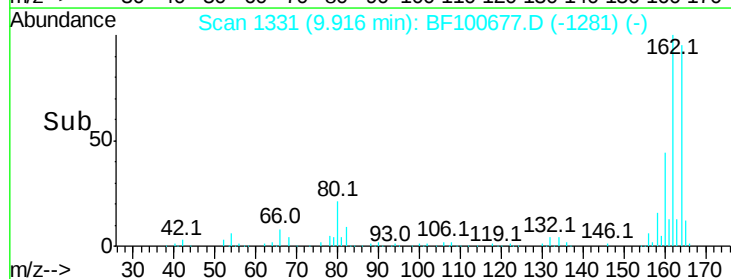
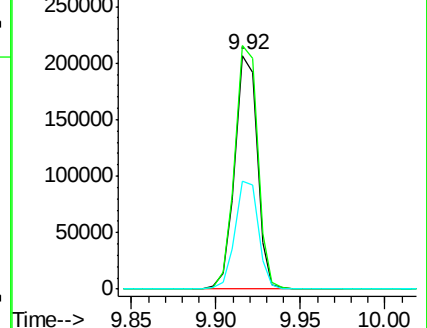
160 46.1 38.3 57.5

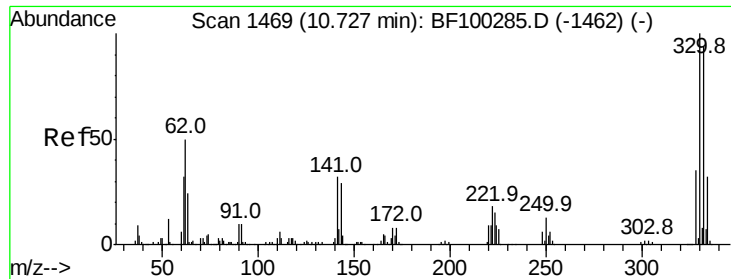


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

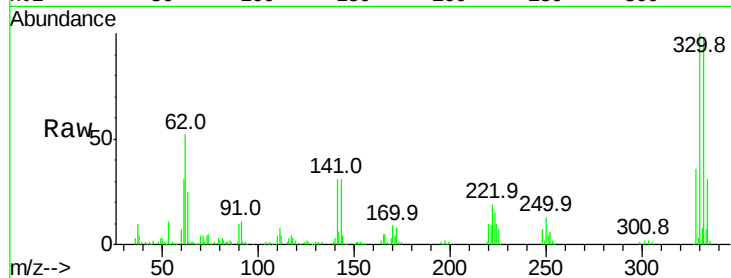




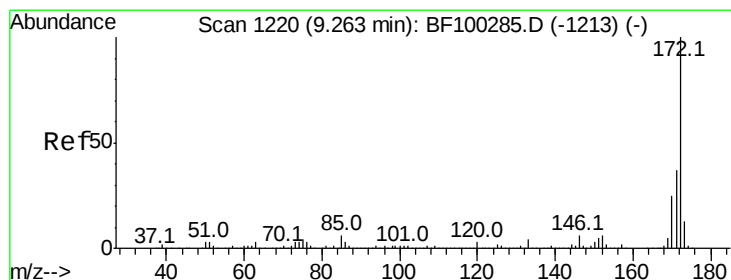
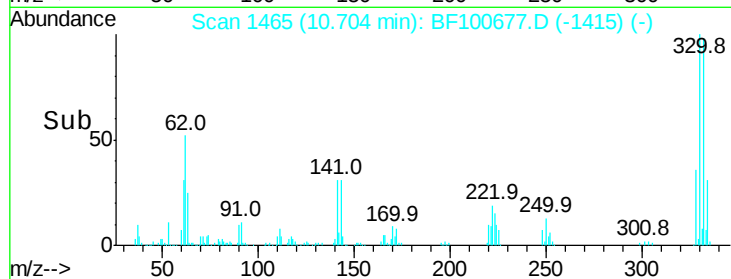
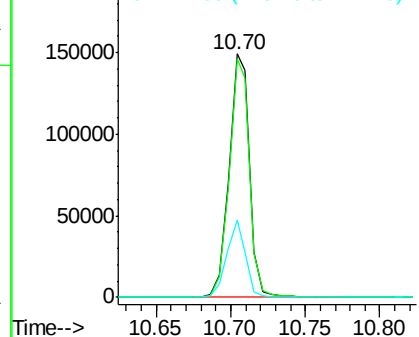
#41
 2,4,6-Tribromophenol
 Concen: 74.396 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	28.9	29.9	44.9#

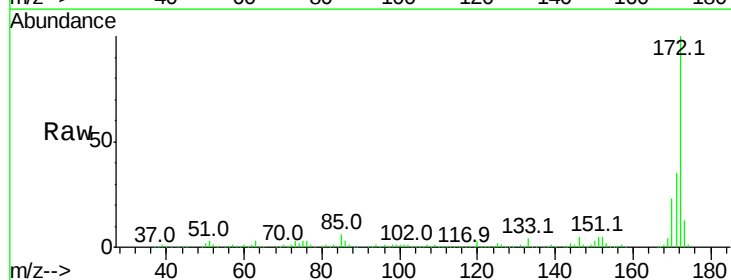


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

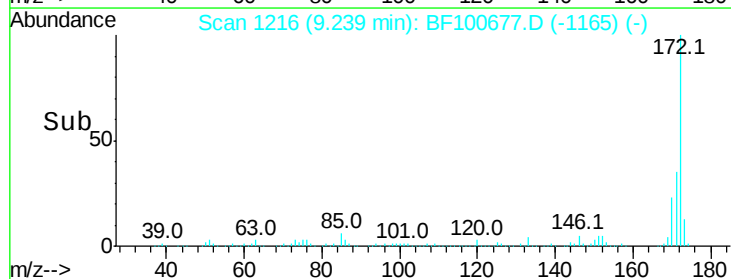
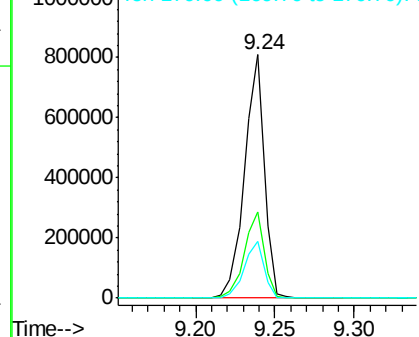


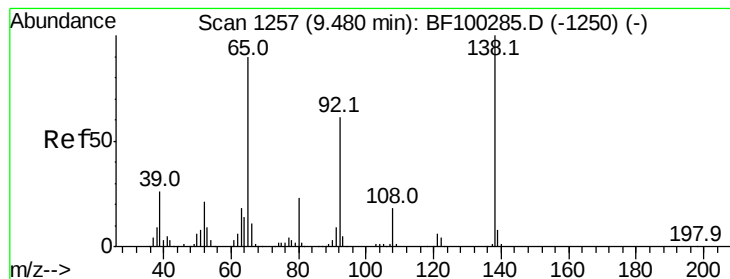
#44
 2-Fluorobiphenyl
 Concen: 55.725 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.3	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: 3.037 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.22 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

Instrument :

BNA_F

ClientSampled :

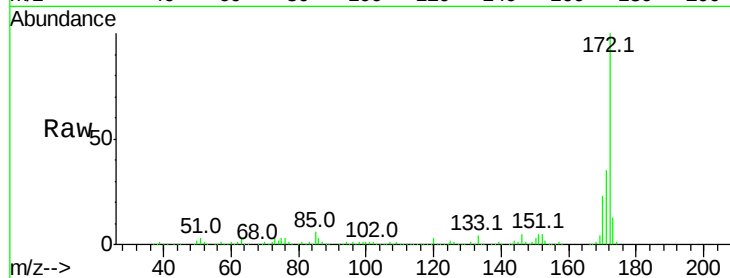
Tot Ion: 65 Resp: 953

Ion Ratio Lower Upper

65 100

92 174.2 55.8 83.6#

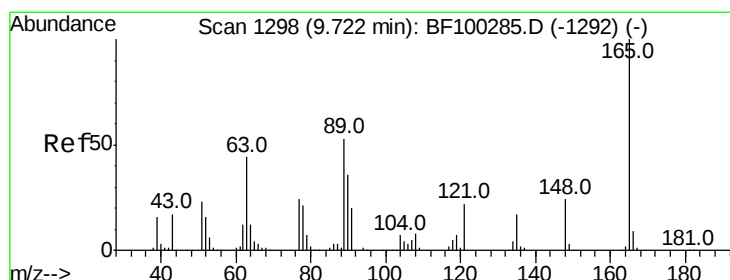
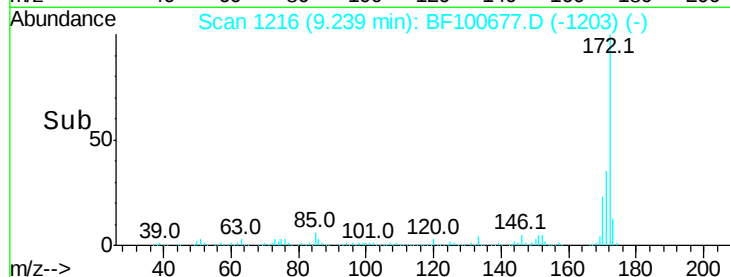
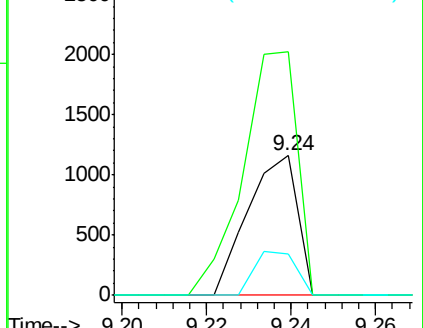
138 29.5 91.2 136.8#



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



#50

2,6-Dinitrotoluene

Concen: 8.299 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

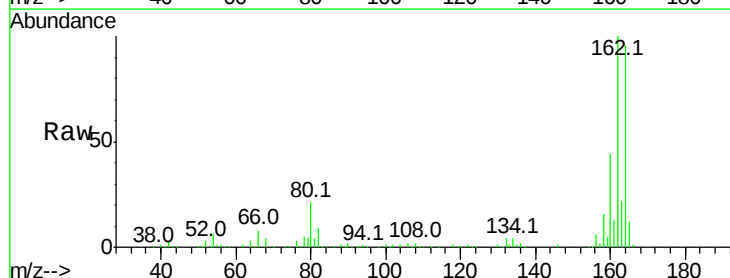
Tgt Ion:165 Resp: 23957

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

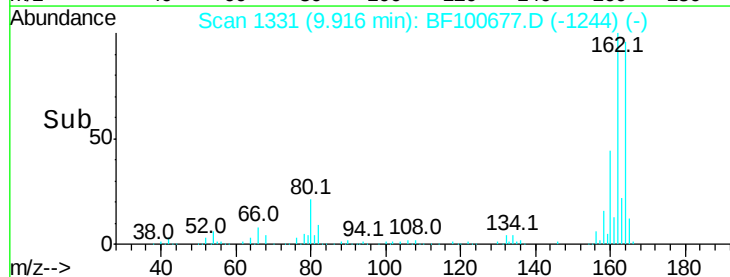
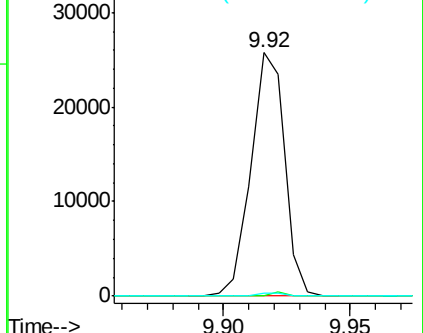
89 1.4 44.0 66.0#

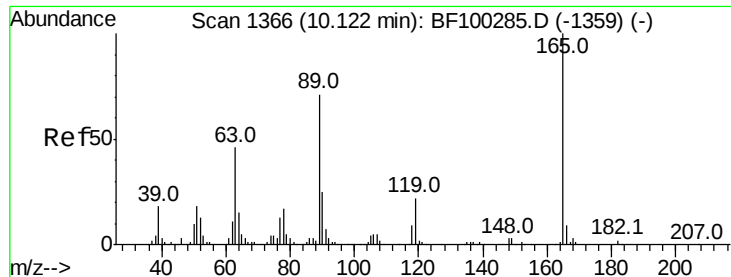


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

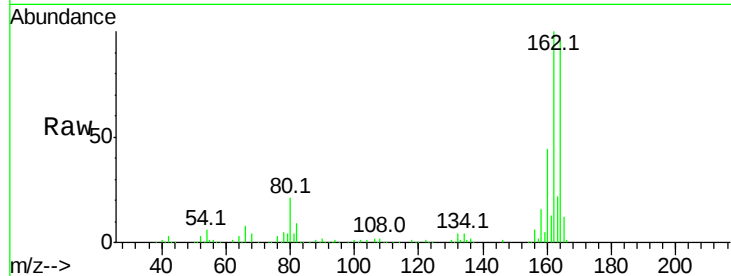




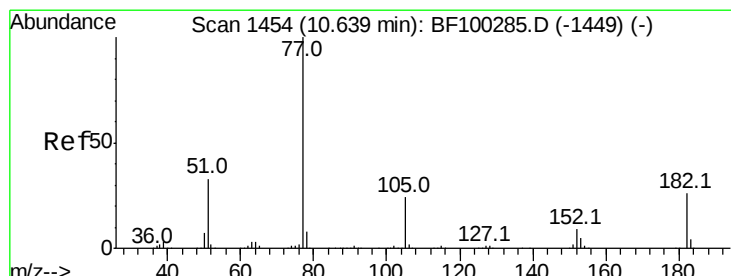
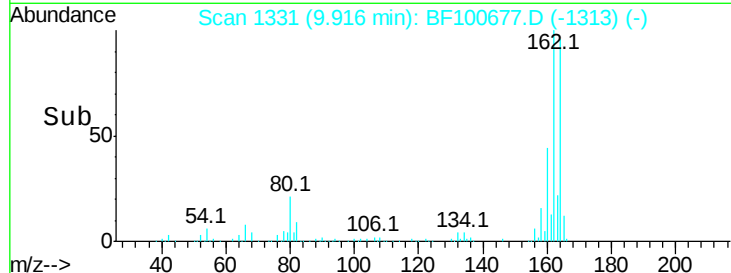
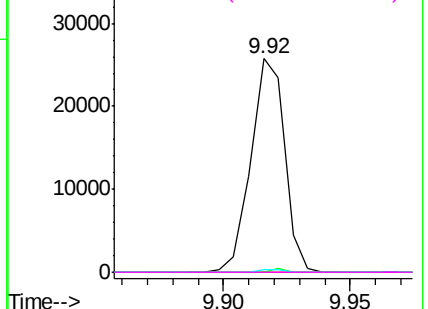
#56
 2,4-Dinitrotoluene
 Concen: 6.578 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	23957
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

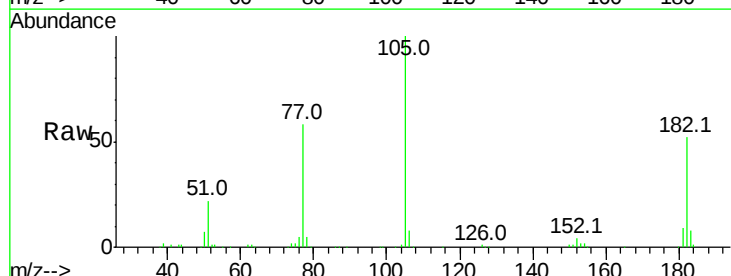


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

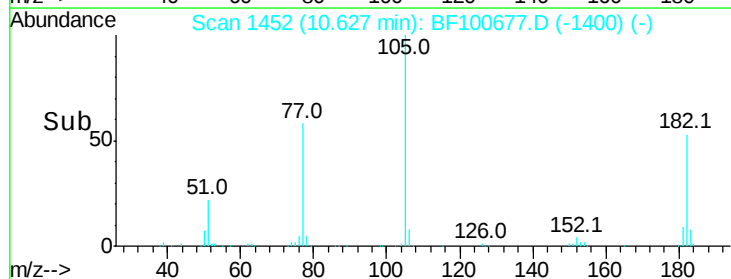
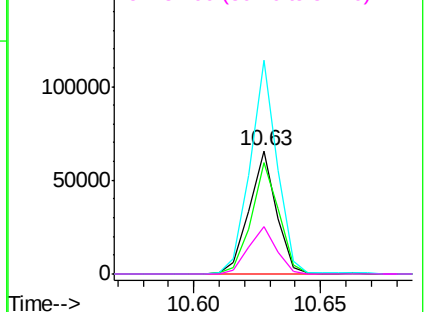


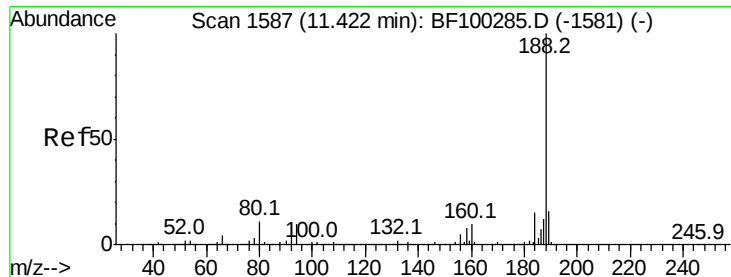
#62
 Azobenzene
 Concen: 3.607 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Tgt Ion:	77	Resp:	49582
Ion Ratio	Lower	Upper	
77	100		
182	91.0	1.7	41.7#
105	173.5	3.0	43.0#
51	38.2	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

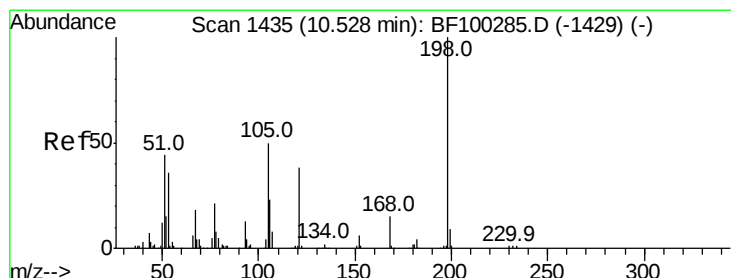
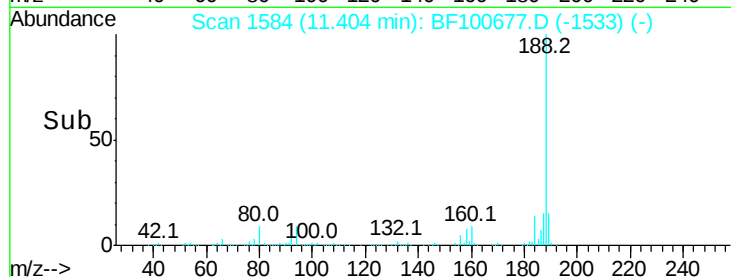
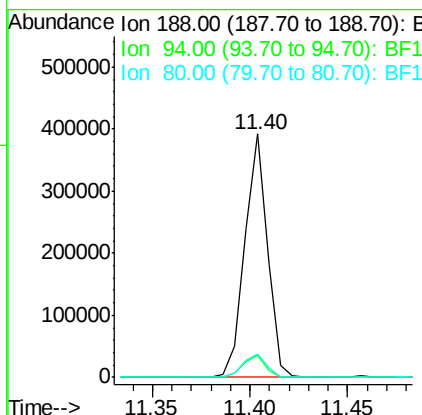
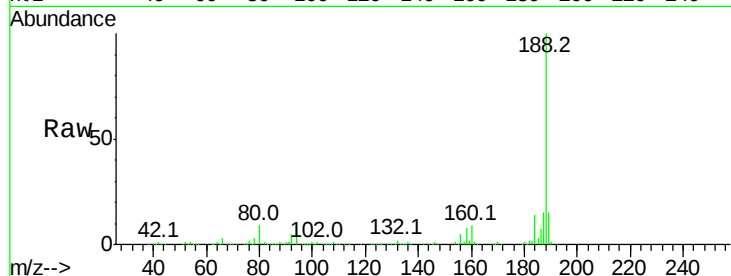




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

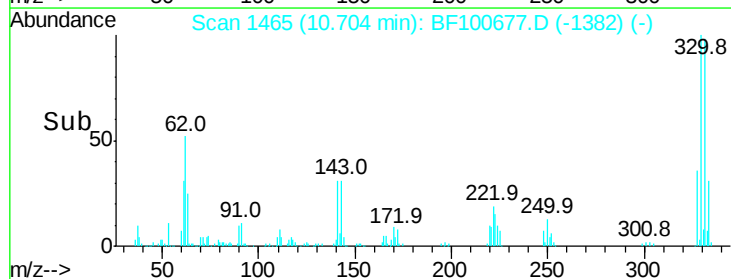
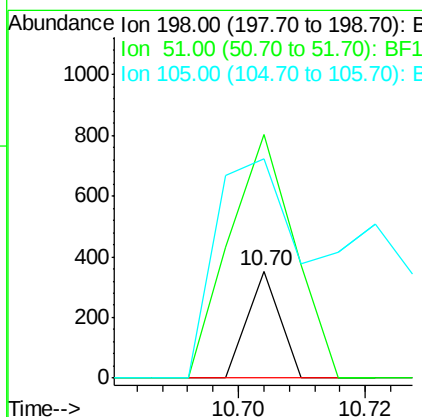
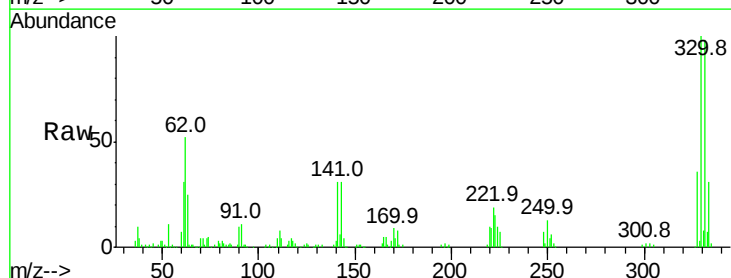
Instrument :
 BNA_F
 ClientSampleId :

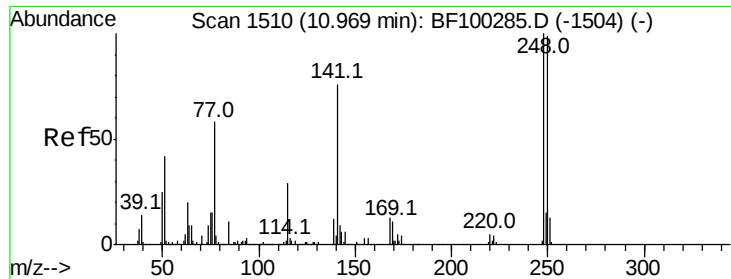
Tot Ion:188 Resp: 315849
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.634 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Tgt Ion:198 Resp: 125
 Ion Ratio Lower Upper
 198 100
 51 227.5 37.7 77.7#
 105 204.8 36.3 76.3#

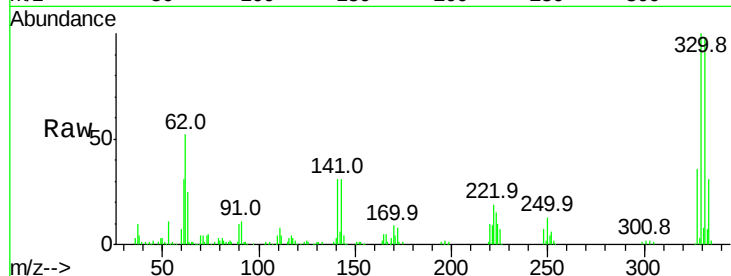




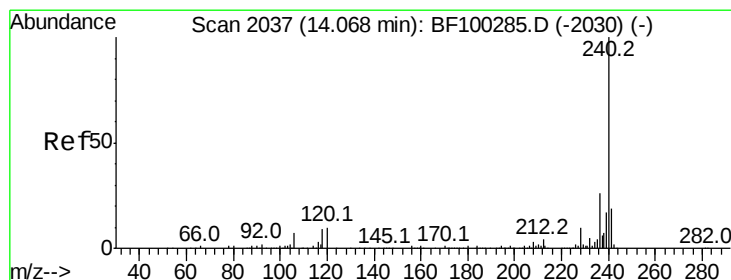
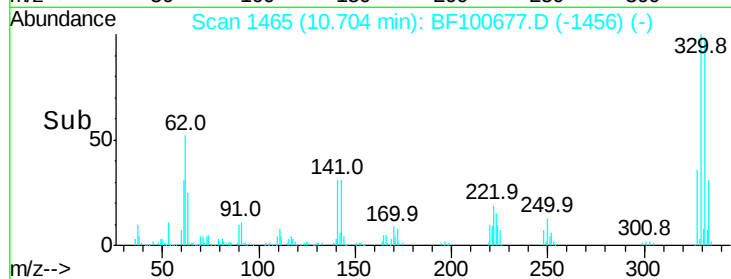
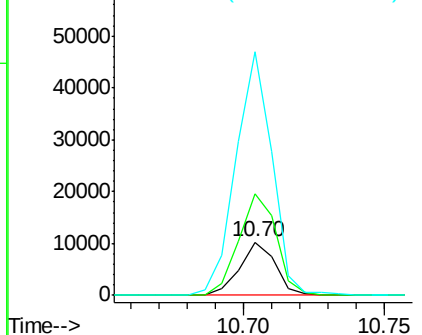
#66
 4-Bromophenyl-phenylether
 Concen: 2.670 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9040
 Ion Ratio Lower Upper
 248 100
 250 189.6 76.9 115.3#
 141 456.9 74.4 111.6#

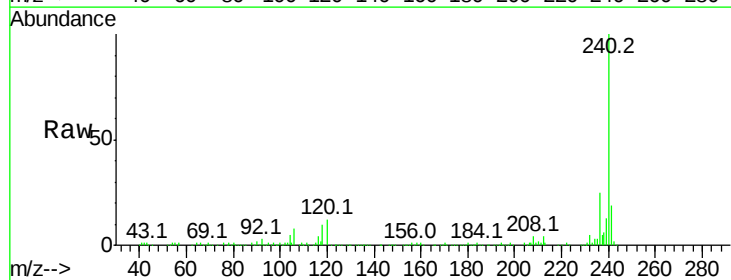


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

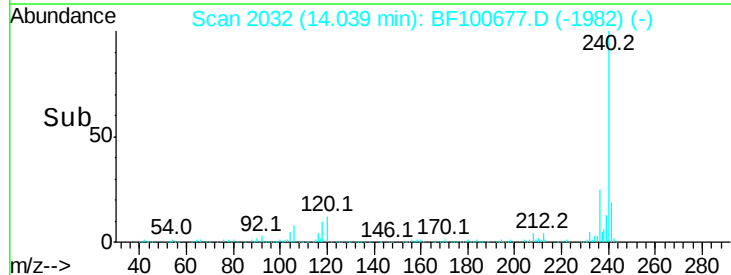
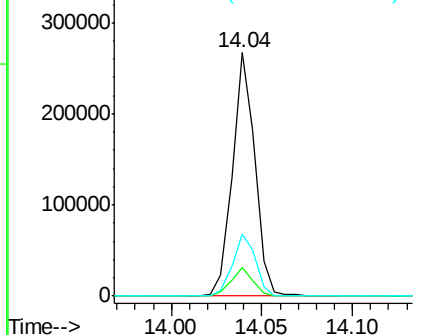


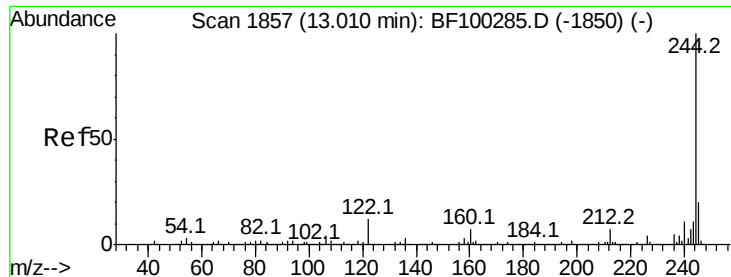
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Tgt Ion:240 Resp: 230659
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.5 14.3
 236 25.3 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: 43.453 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

Instrument :

BNA_F

ClientSampleId :

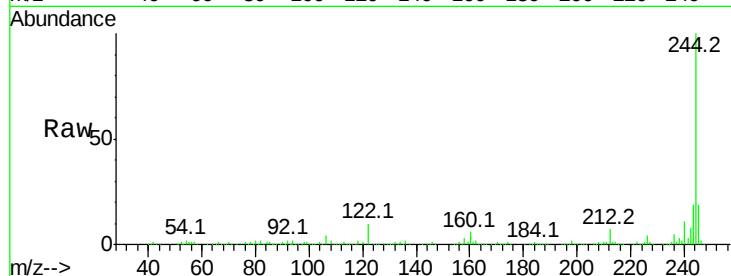
Tot Ion:244 Resp: 436213

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

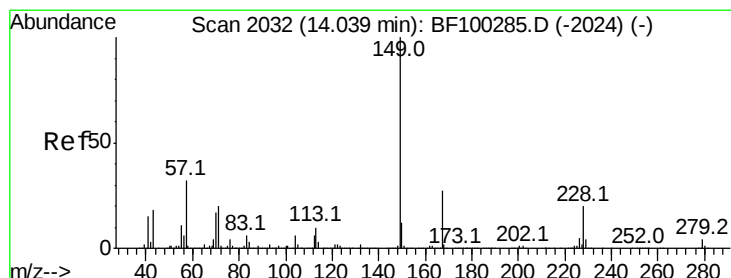
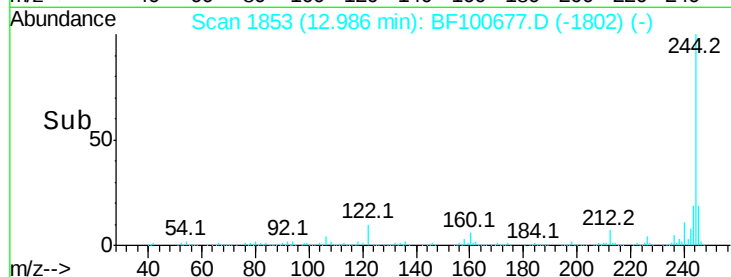
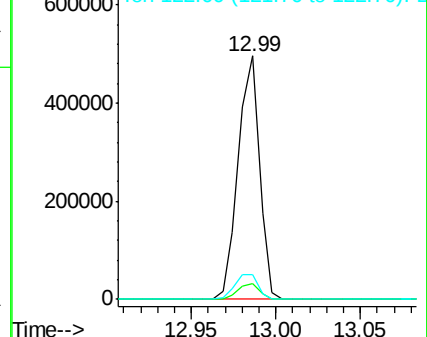
122 10.1 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.710 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.11 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

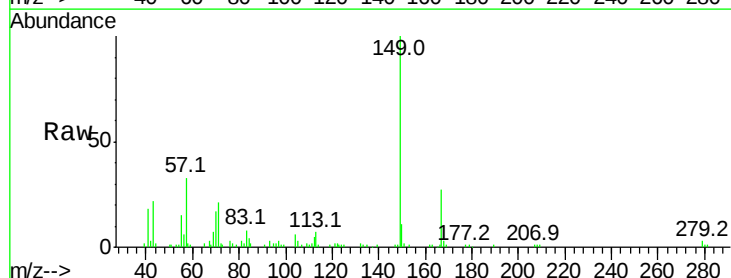
Tgt Ion:149 Resp: 59180

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

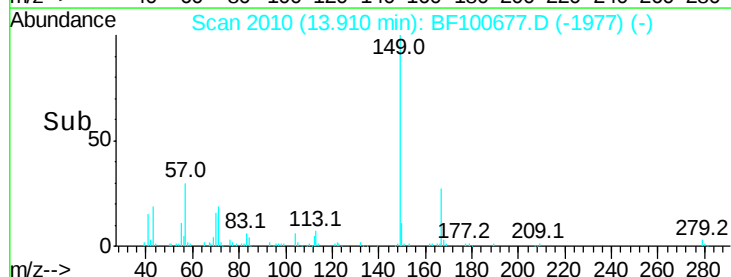
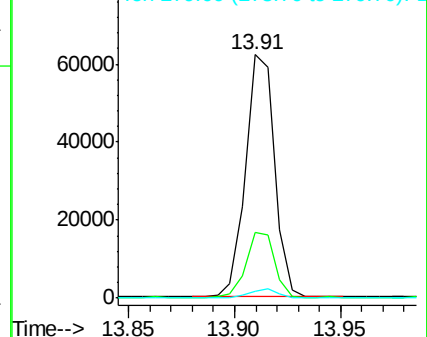
279 2.8 3.0 4.4#

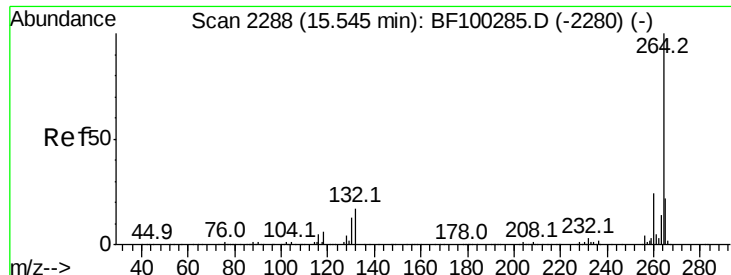


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

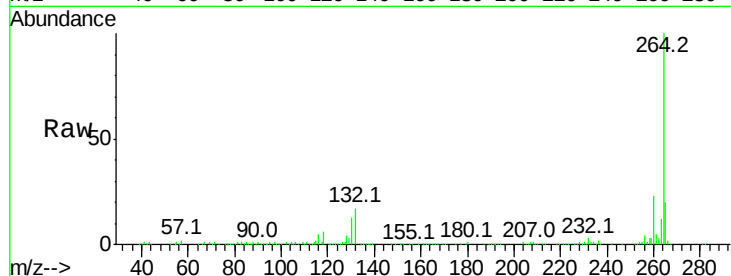




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100677.D
Acq: 17 Nov 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 232318
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 20.4 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

