

Data File : BF100565.D
Acq On : 15 Nov 2017 3:27
Operator : SJ/JU
Sample : PB104235BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104235BL

Quant Time: Nov 15 06:28:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	110201	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	397460	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	150778	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	240262	20.00	ng	0.00
75) Chrysene-d12	14.04	240	234377	20.00	ng	-0.01
86) Perylene-d12	15.52	264	161678	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	568477	82.69	ng	0.01
7) Phenol-d6	6.50	99	668379	78.84	ng	0.00
23) Nitrobenzene-d5	7.45	82	575744	95.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	112391	73.15	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	976268	98.59	ng	0.00
78) Terphenyl-d14	12.99	244	726006	71.17	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	75239	12.80	ng	# 83
25) Isophorone	7.45	82	575734	45.57	ng	# 64
47) 2-Nitroaniline	9.24	65	1300	3.22	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	18611	8.17	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	18611	6.47	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	195	8.70	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	7254	2.82	ng	# 1

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

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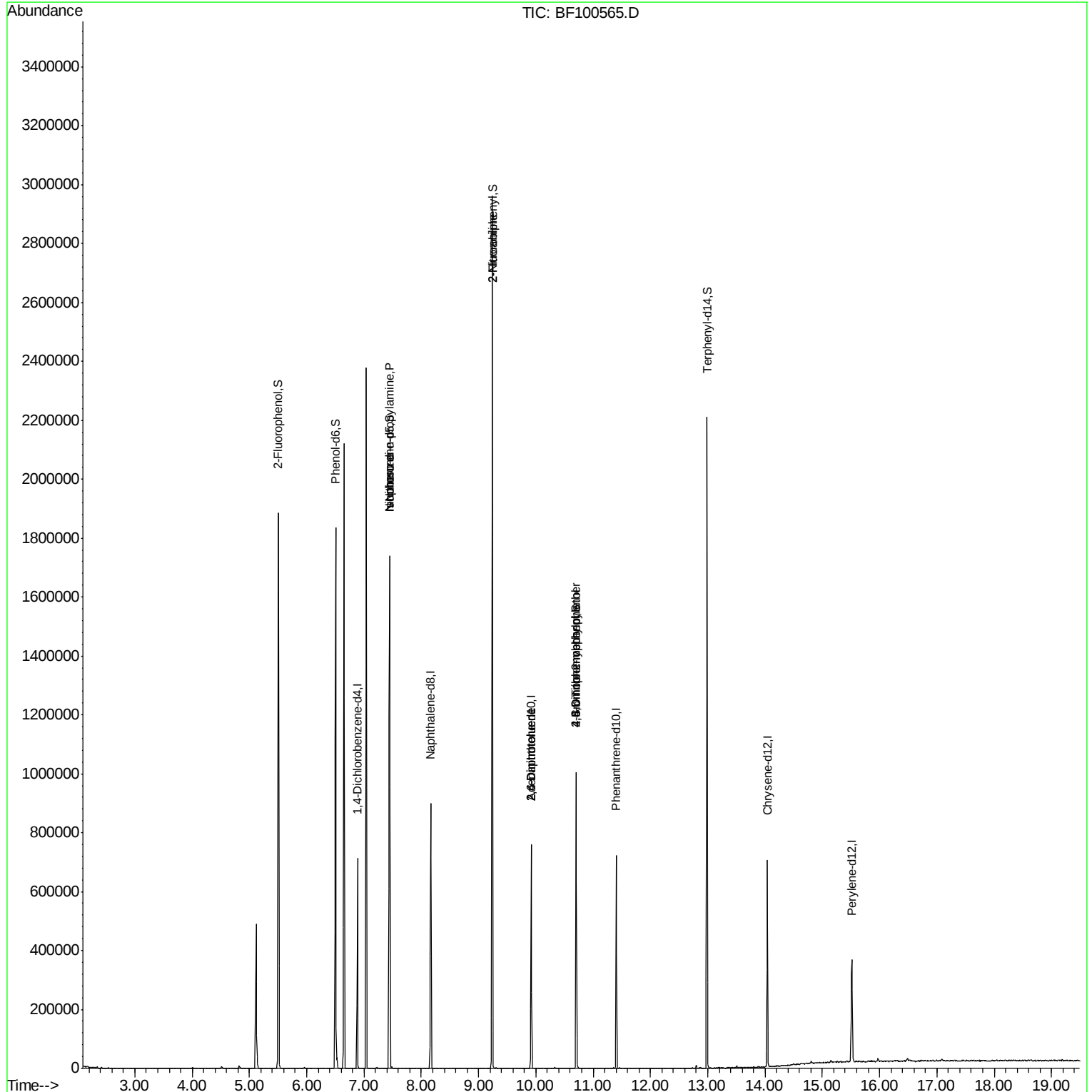
Quant Time: Nov 15 06:28:54 2017

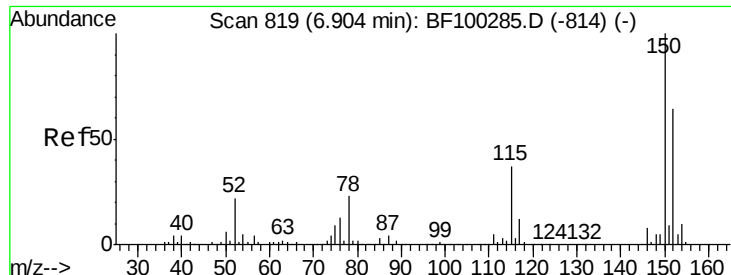
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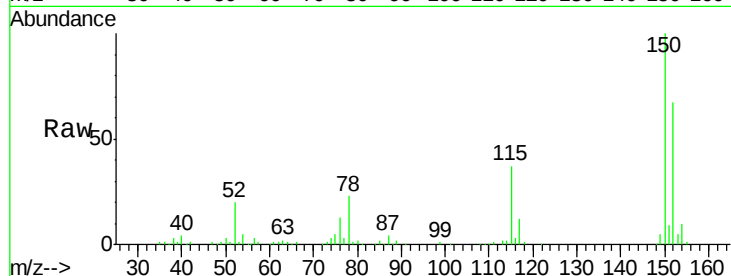




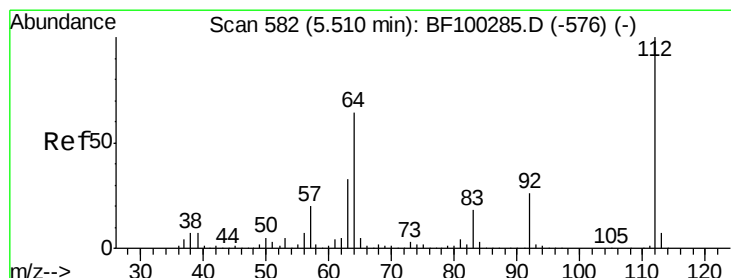
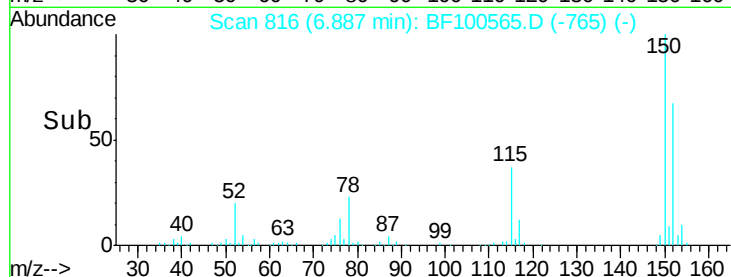
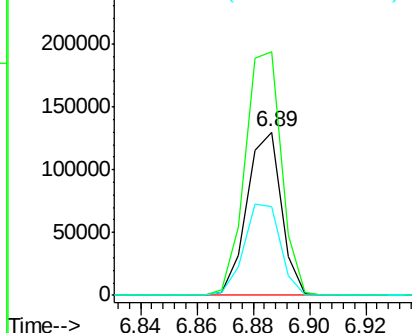
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BL

Tgt Ion:152 Resp: 110201
 Ion Ratio Lower Upper
 152 100
 150 149.1 124.6 186.8
 115 54.5 50.1 75.1

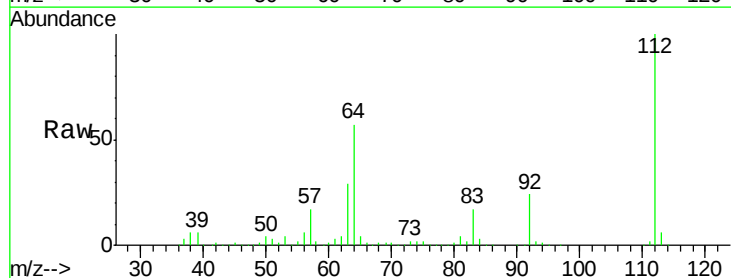


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

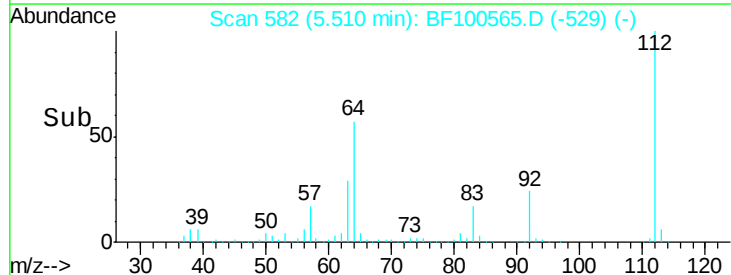
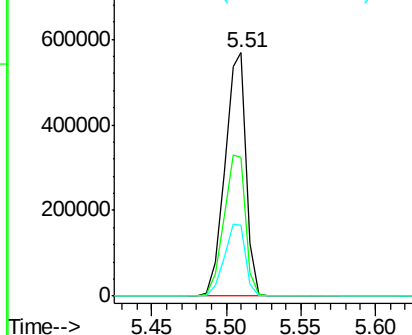


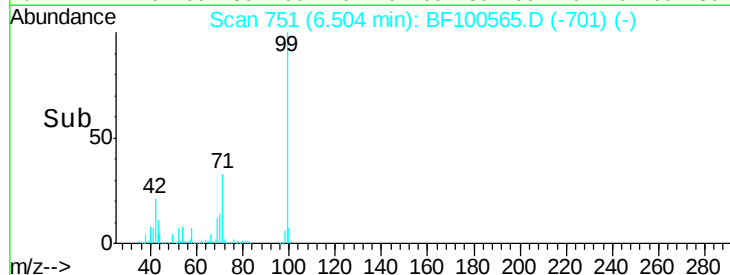
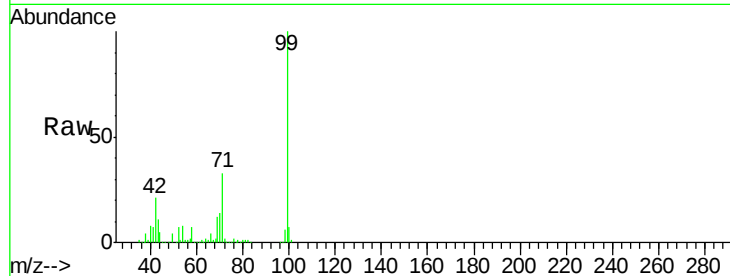
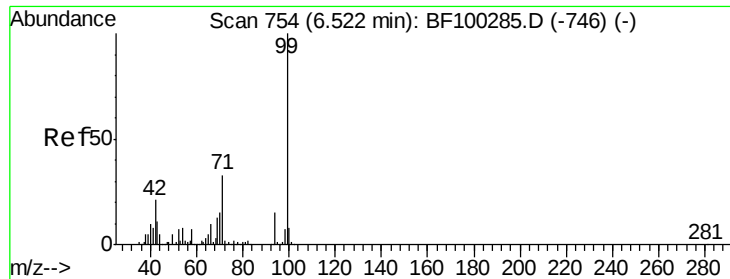
#5
 2-Fluorophenol
 Concen: 82.69 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

Tgt Ion:112 Resp: 568477
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 29.0 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: 78.84 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

Instrument :

BNA_F

ClientSampleId :

PB104235BL

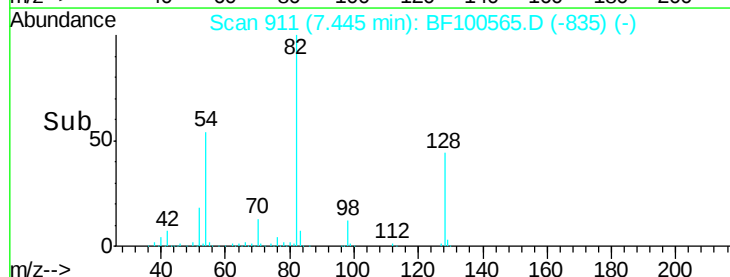
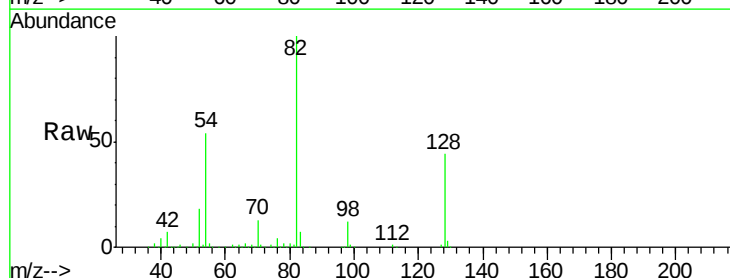
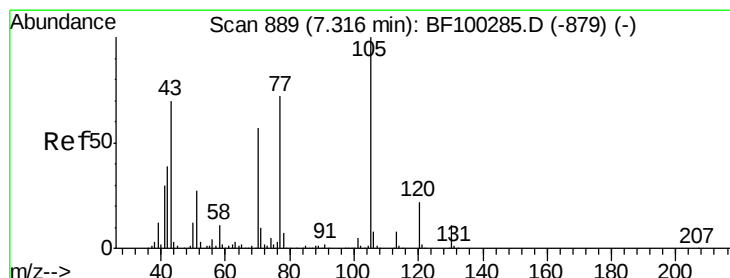
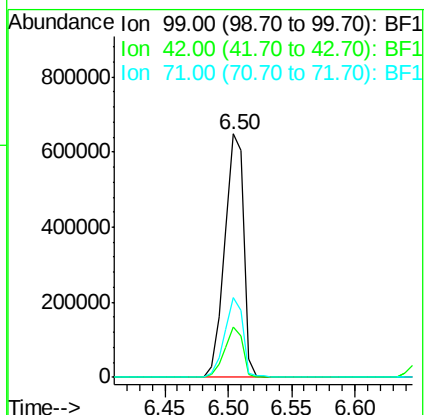
Tgt Ion: 99 Resp: 668379

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.80 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

Tgt Ion: 70 Resp: 75239

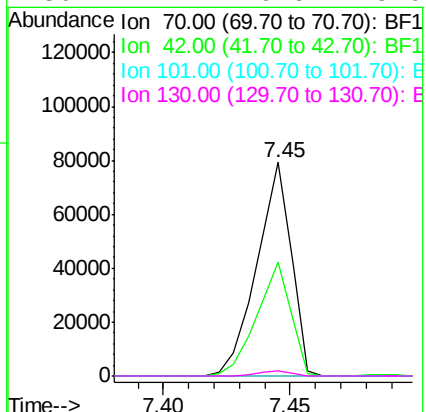
Ion Ratio Lower Upper

70 100

42 53.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

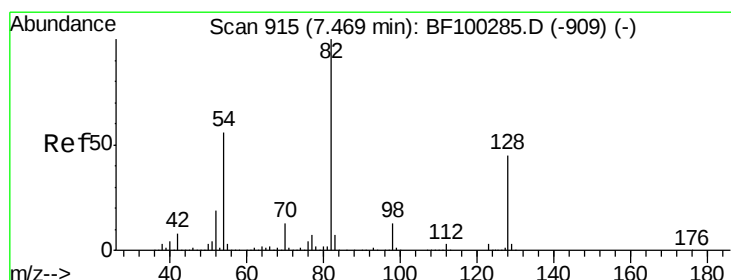
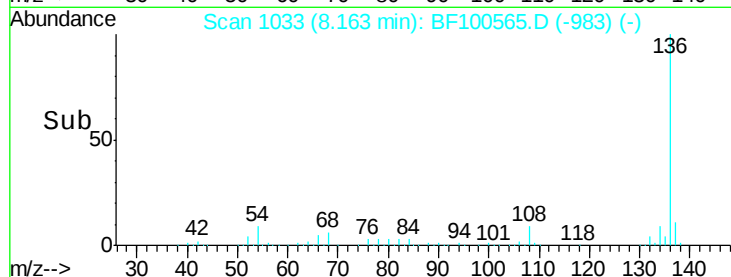
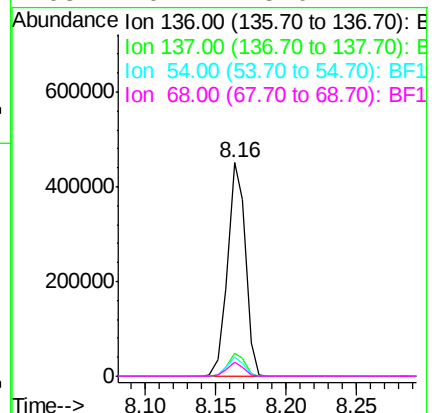
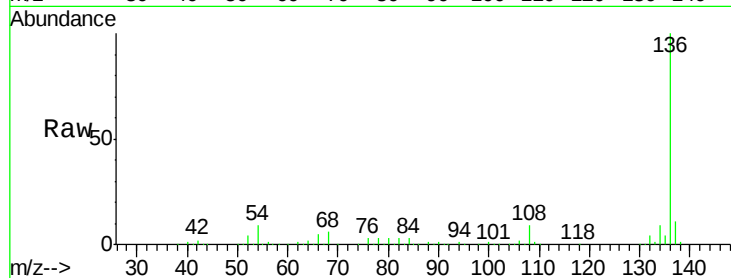




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

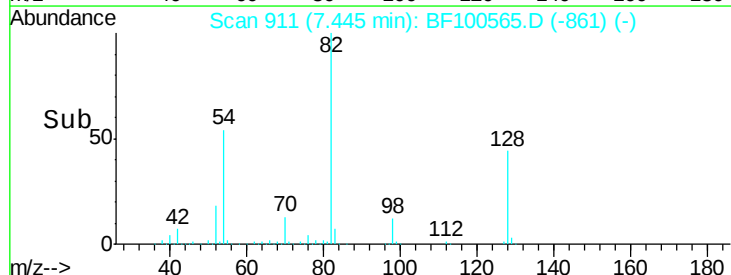
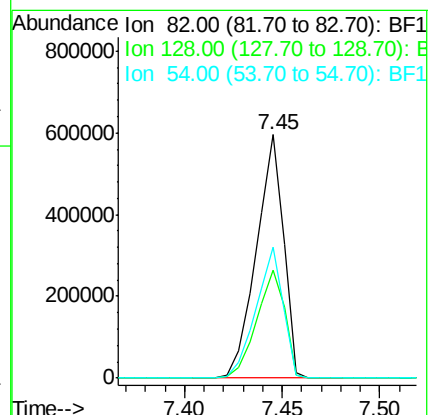
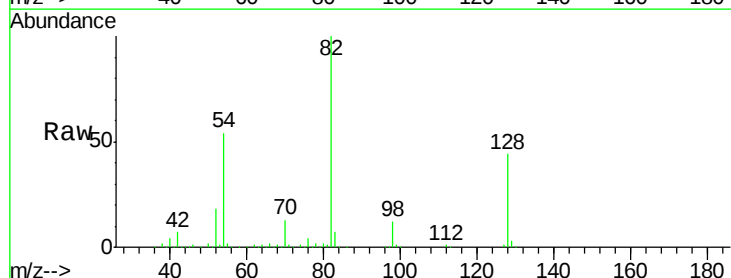
Instrument :
BNA_F
ClientSampleId :
PB104235BL

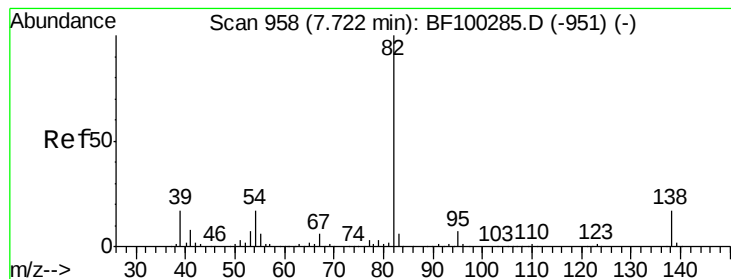
Tgt Ion:	136	Resp:	397460
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.1	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 95.77 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

Tgt Ion:	82	Resp:	575744
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	53.6	41.4	62.2





#25

Isophorone

Concen: 45.57 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

Instrument :

BNA_F

ClientSampleId :

PB104235BL

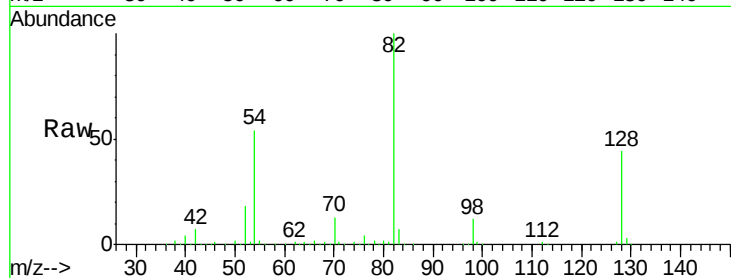
Tgt Ion: 82 Resp: 575734

Ion Ratio Lower Upper

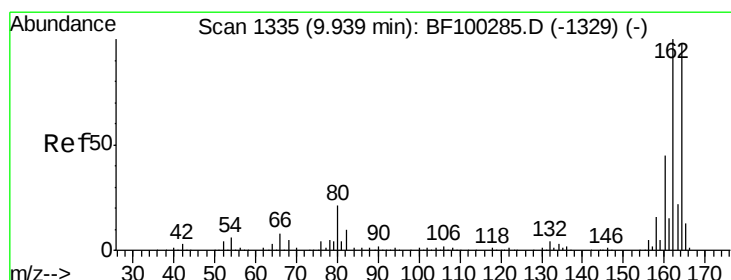
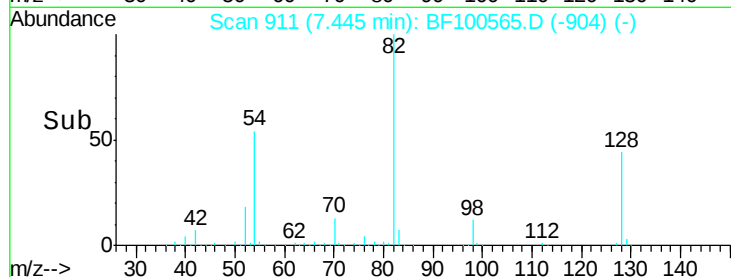
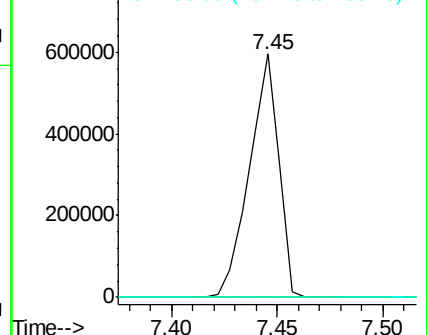
82 100

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: 20.00 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

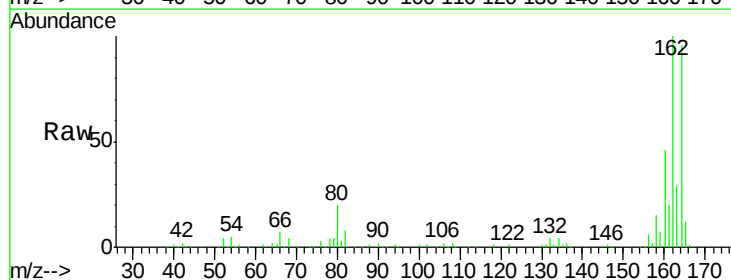
Tgt Ion: 164 Resp: 150778

Ion Ratio Lower Upper

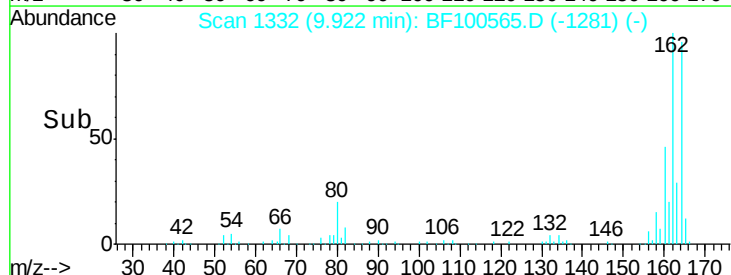
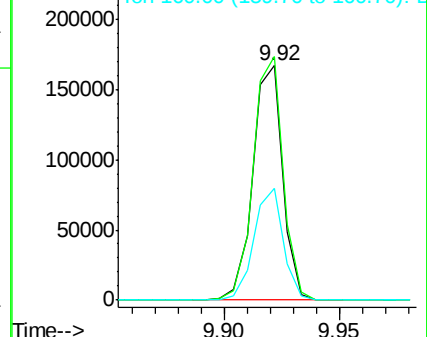
164 100

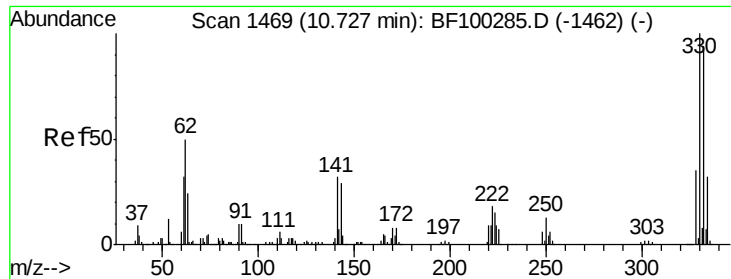
162 103.9 86.1 129.1

160 47.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

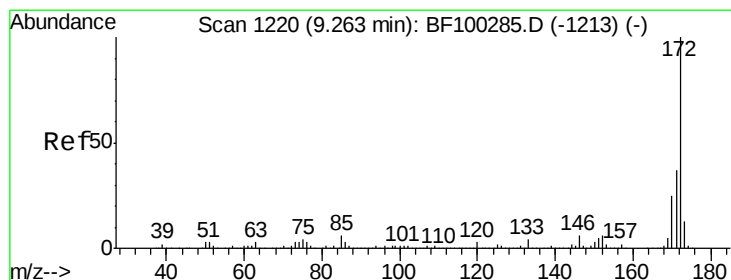
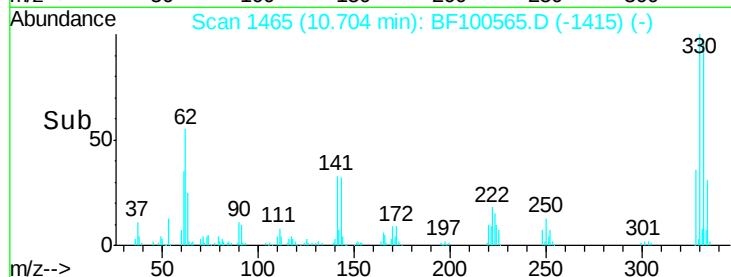
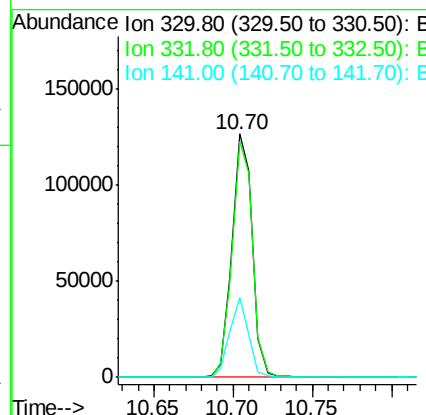
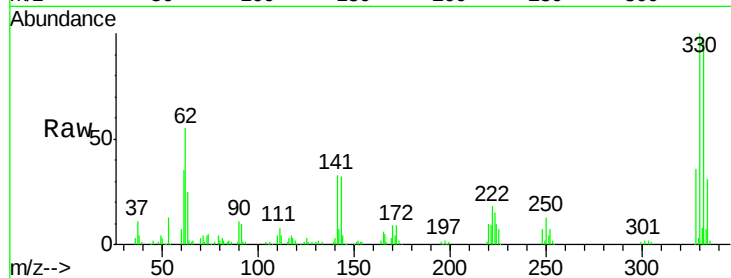




#41
 2,4,6-Tribromophenol
 Concen: 73.15 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

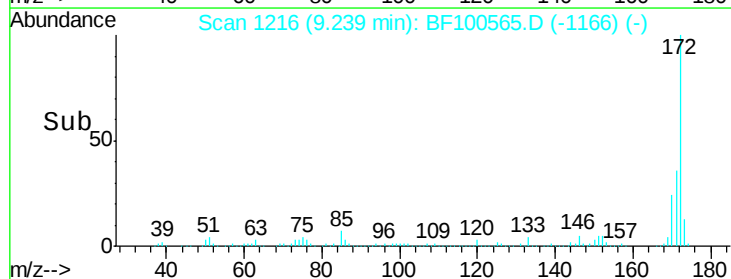
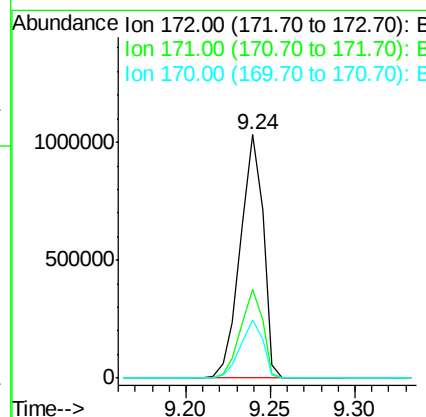
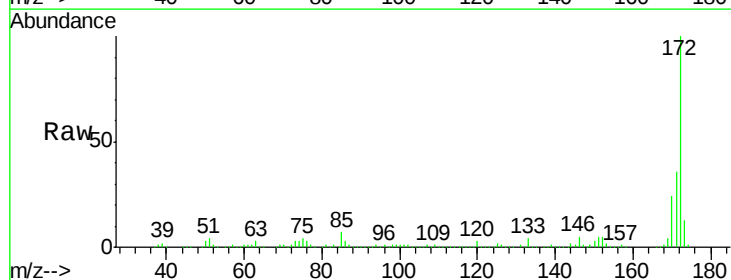
Instrument :
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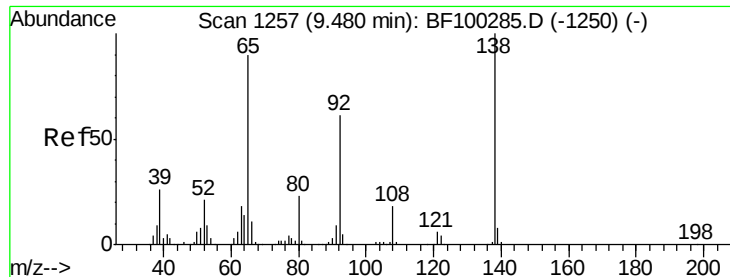
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	30.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 98.59 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

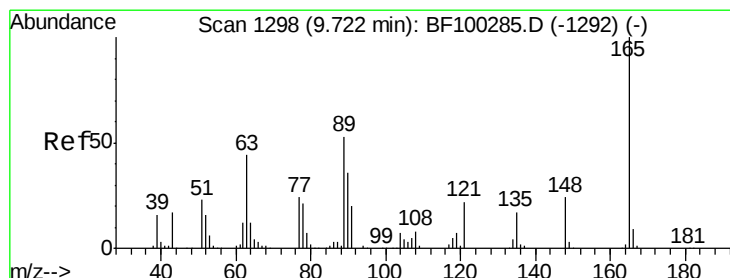
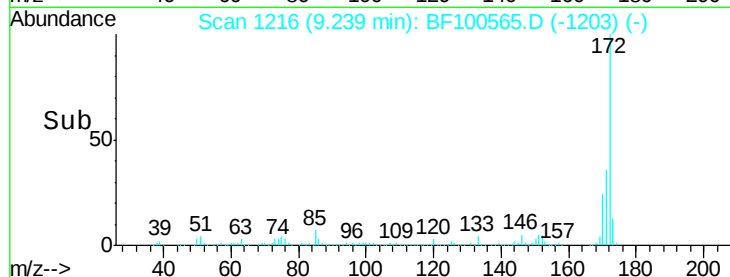
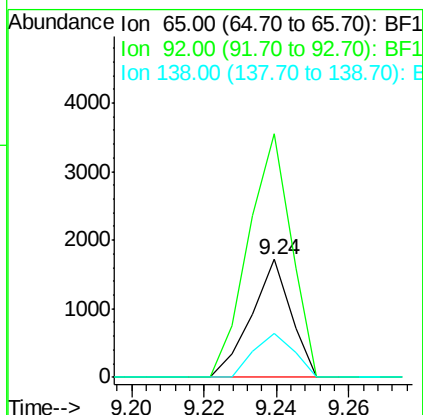
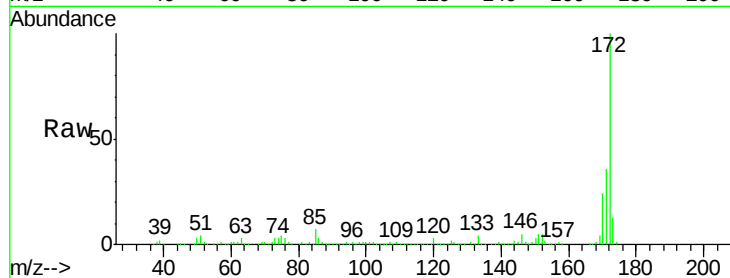




#47
2-Nitroaniline
Concen: 3.22 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

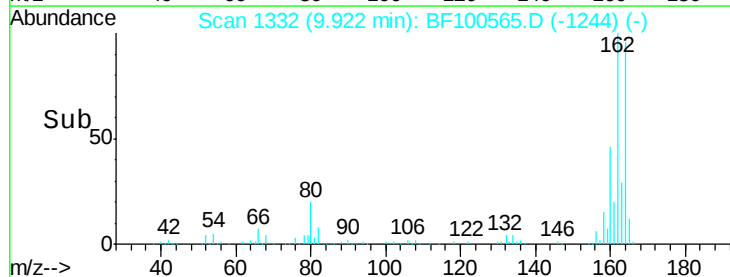
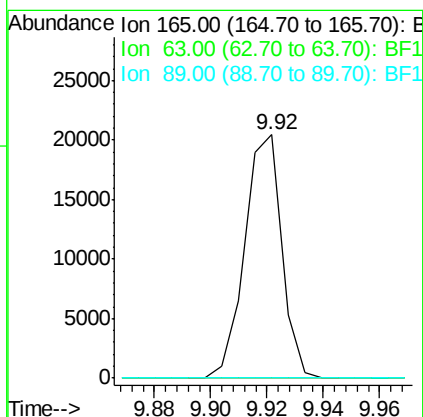
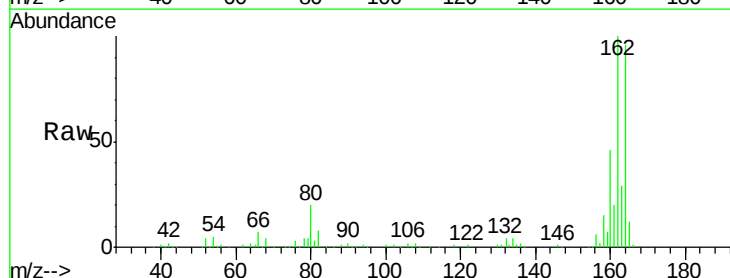
Instrument :
BNA_F
ClientSampleId :
PB104235BL

Tgt Ion: 65 Resp: 1300
Ion Ratio Lower Upper
65 100
92 207.0 55.8 83.6#
138 37.0 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

Tgt Ion: 165 Resp: 18611
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

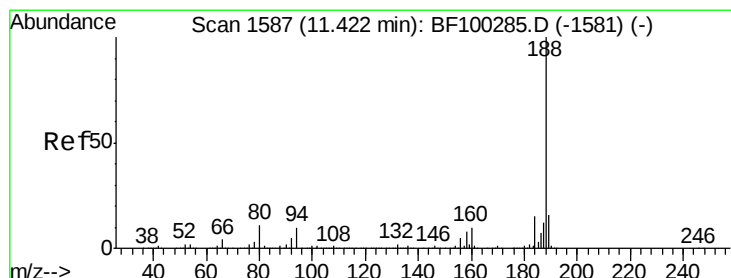
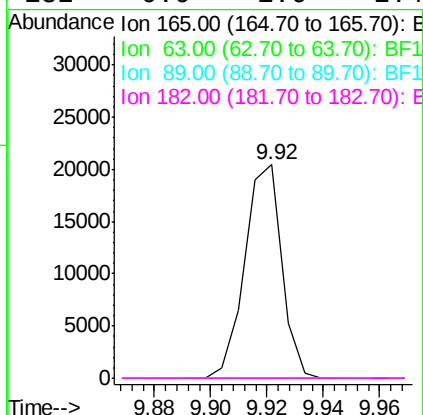
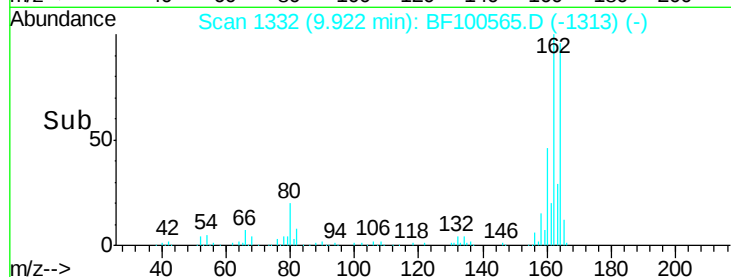
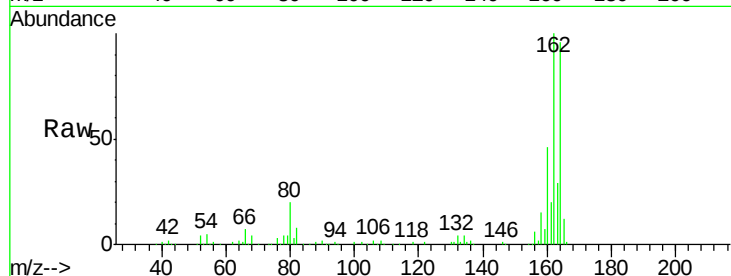




#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

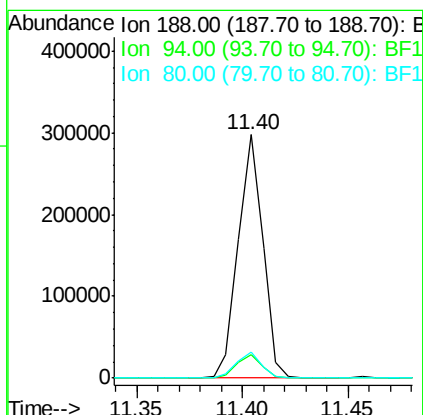
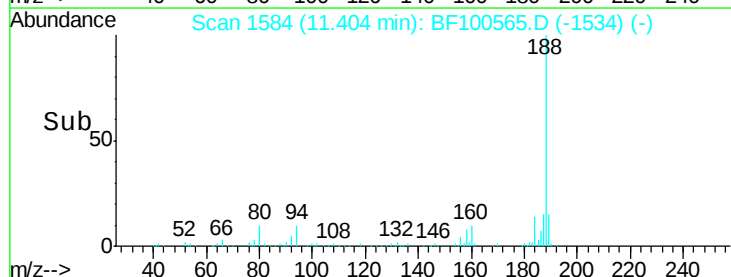
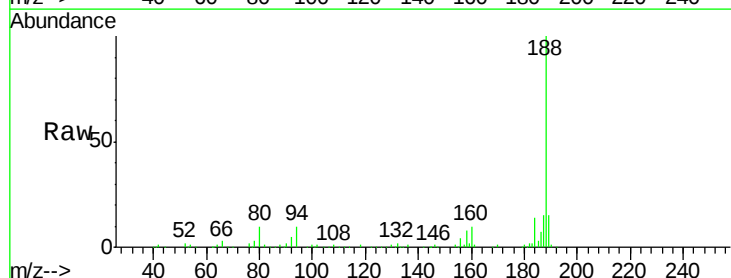
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BL

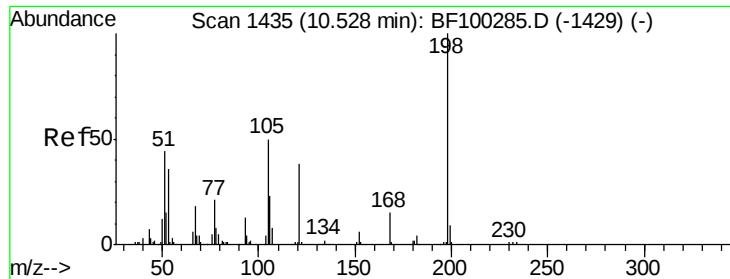
Tgt Ion:	165	Resp:	18611
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

Tgt Ion:	188	Resp:	240262
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.5	9.2	13.8

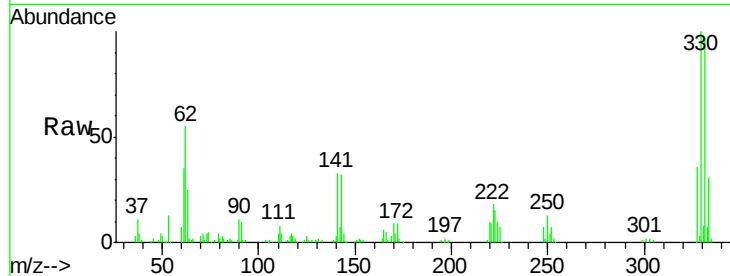




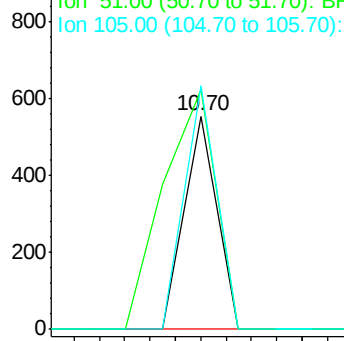
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.70 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BL

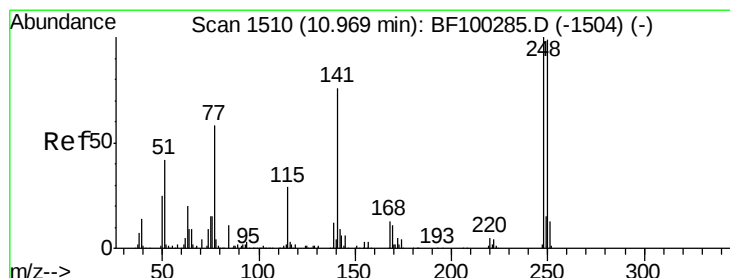
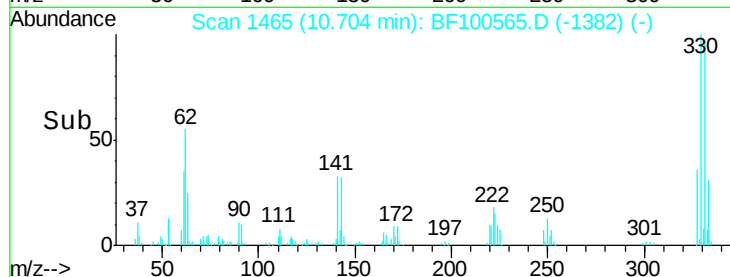
Tgt Ion:198 Resp: 195
 Ion Ratio Lower Upper
 198 100
 51 112.5 37.7 77.7#
 105 114.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

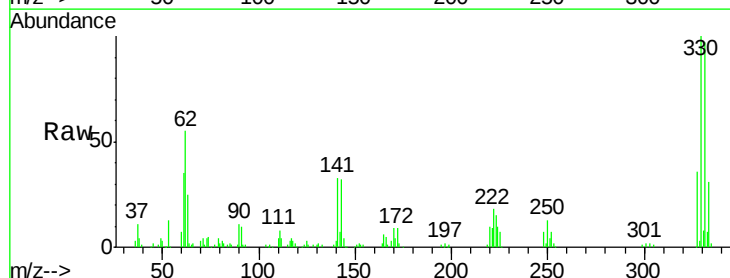


Time-->

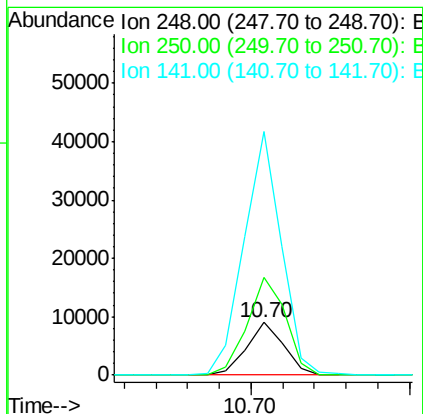


#66
 4-Bromophenyl-phenylether
 Concen: 2.82 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

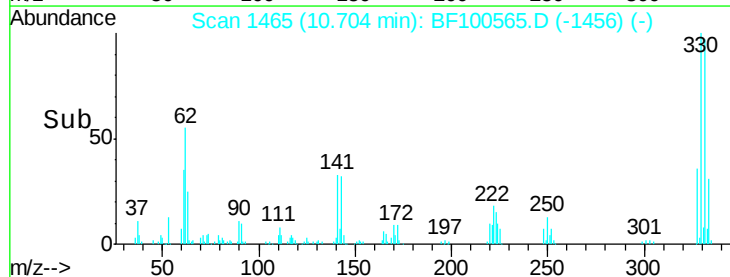
Tgt Ion:248 Resp: 7254
 Ion Ratio Lower Upper
 248 100
 250 186.5 76.9 115.3#
 141 464.1 74.4 111.6#

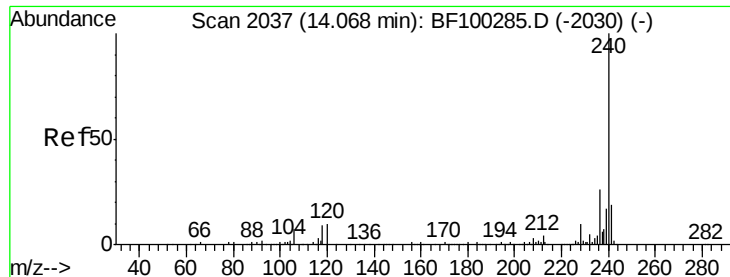


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

Instrument :

BNA_F

ClientSampleId :

PB104235BL

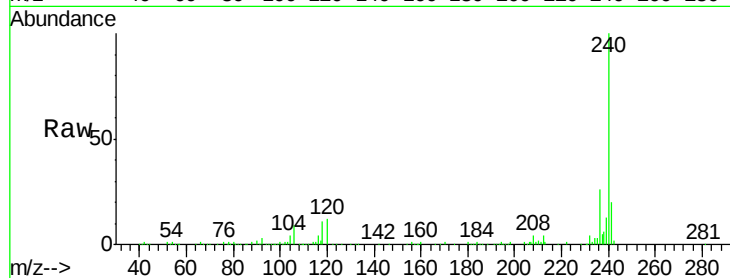
Tgt Ion:240 Resp: 234377

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

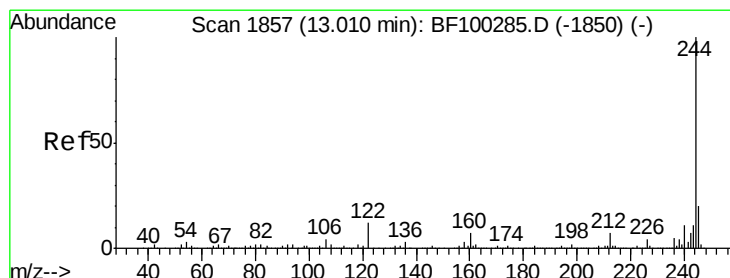
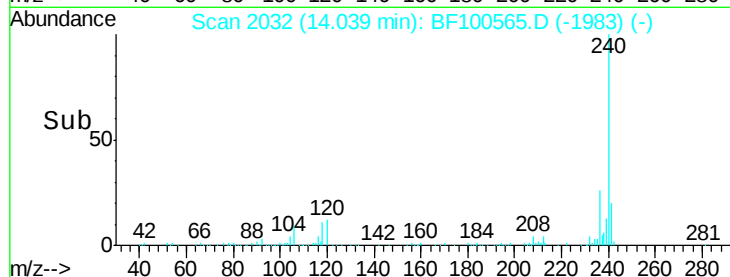
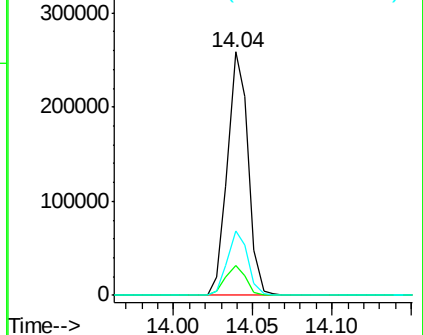
236 26.3 20.7 31.1



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: 71.17 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

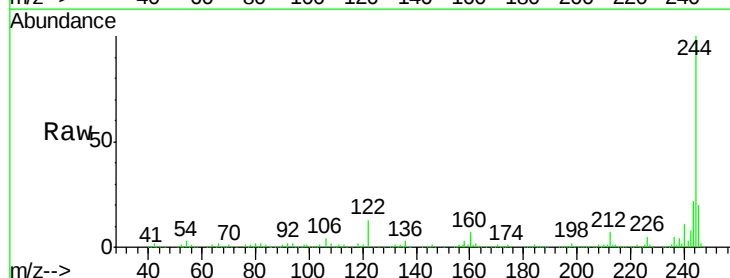
Tgt Ion:244 Resp: 726006

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

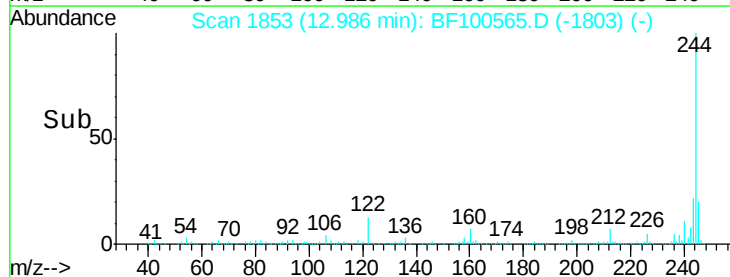
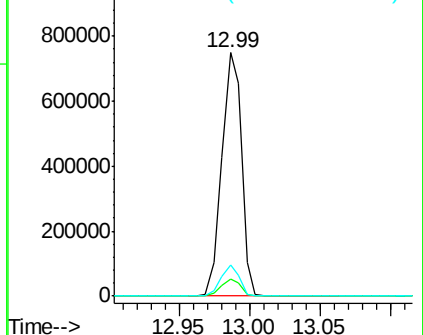
122 12.5 11.0 16.4

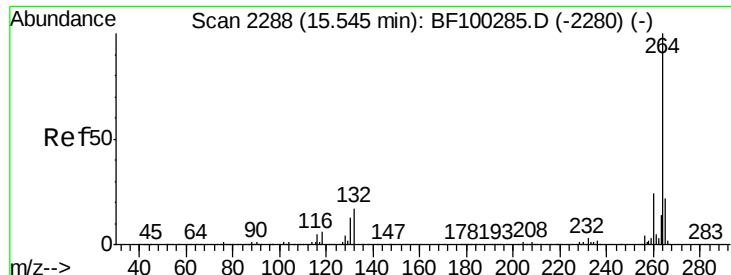


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

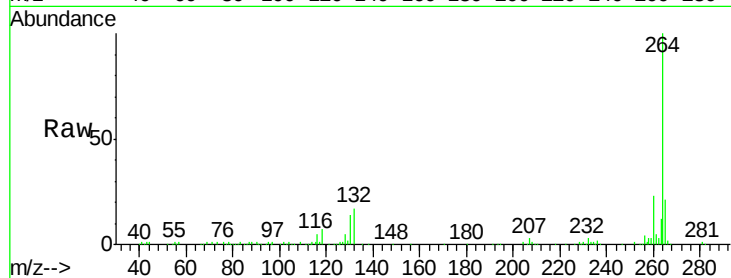




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

Instrument :
BNA_F
ClientSampleId :
PB104235BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	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

