

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100613.D
 Acq On : 16 Nov 2017 3:27
 Operator : SJ/JU
 Sample : I6426-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 06:51:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

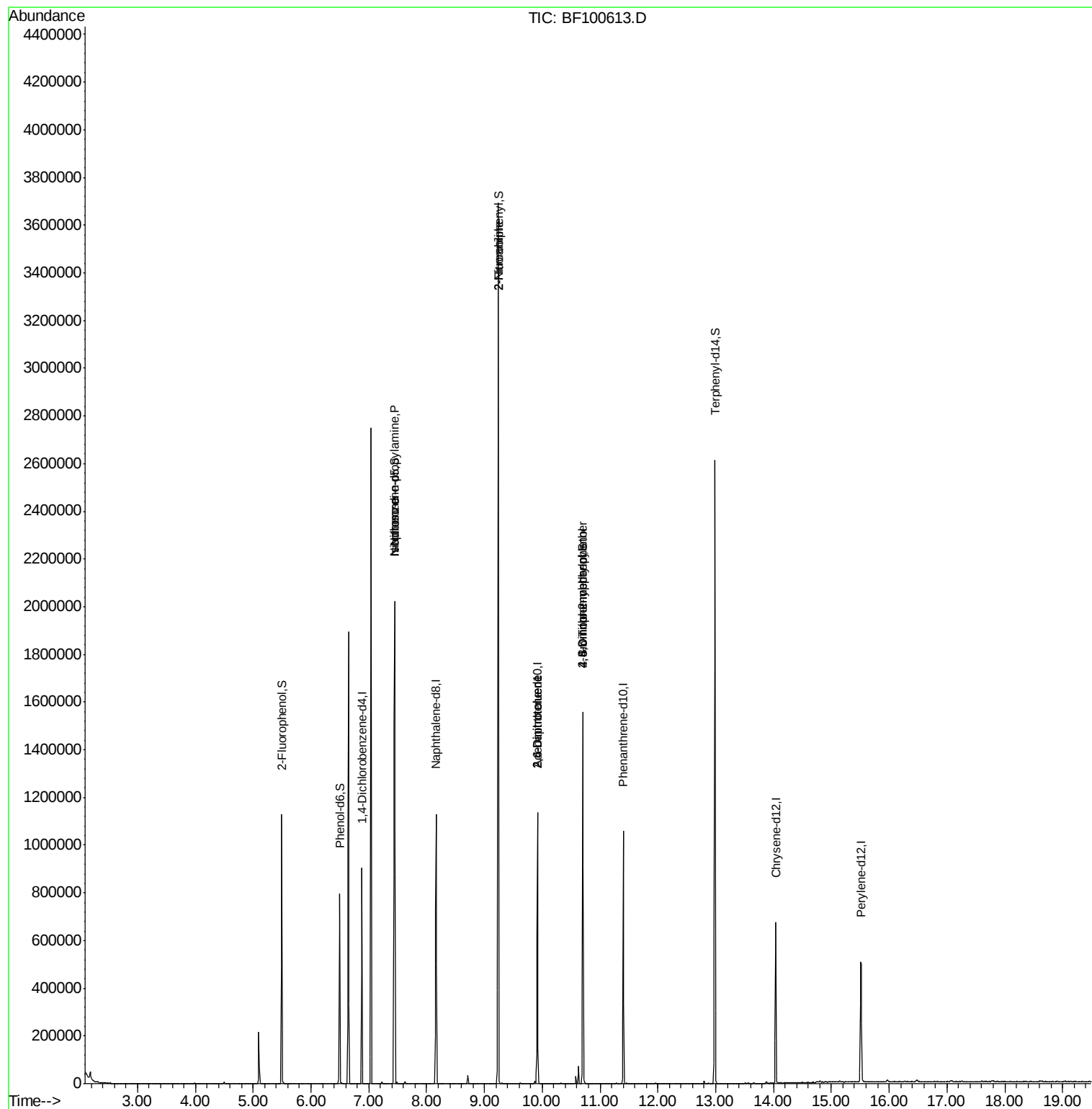
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	123532	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	477270	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	214514	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	366879	20.00	ng	0.00
75) Chrysene-d12	14.04	240	234555	20.00	ng	-0.01
86) Perylene-d12	15.52	264	253426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	316845	41.11	ng	0.00
7) Phenol-d6	6.50	99	236089	24.84	ng	-0.02
23) Nitrobenzene-d5	7.45	82	718443	99.52	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	192925	88.26	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1299154	92.22	ng	0.00
78) Terphenyl-d14	12.99	244	927134	90.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	94459	14.33	ng	# 81
25) Isophorone	7.45	82	717842	47.32	ng	# 64
47) 2-Nitroaniline	9.24	65	2113	3.28	ng	# 5
50) 2,6-Dinitrotoluene	9.92	165	27010	8.33	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	27010	6.60	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	267	8.69	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12421	3.16	ng	# 1

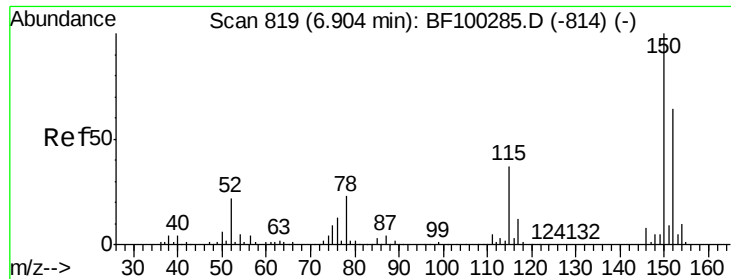
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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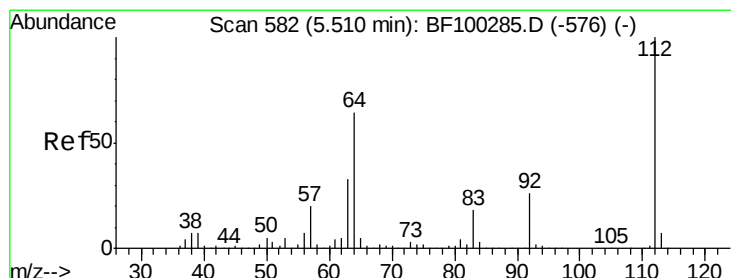
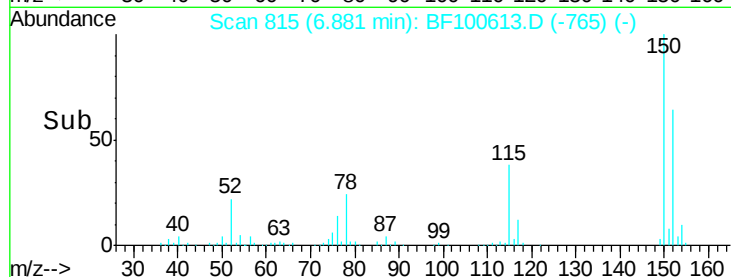
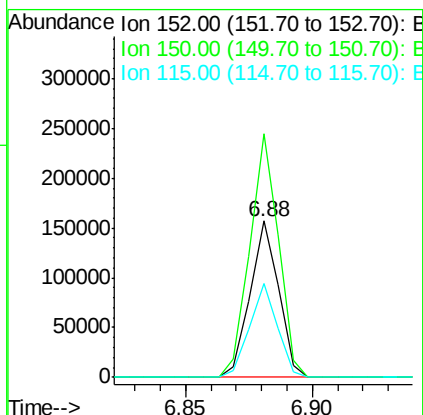
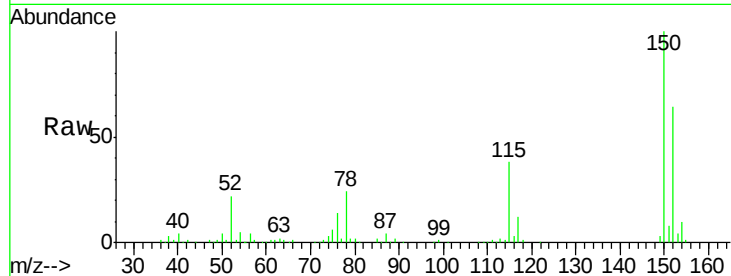


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100613.D
Acq: 16 Nov 2017 3:27

Instrument :
BNA_F
ClientSampleId :

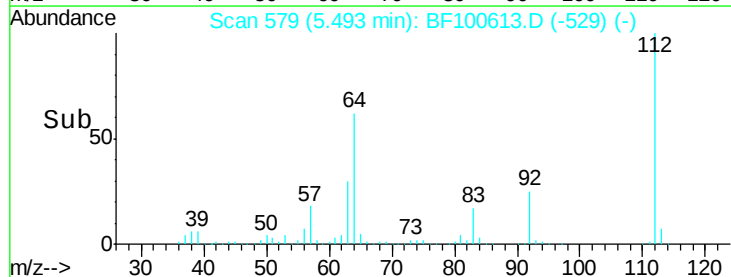
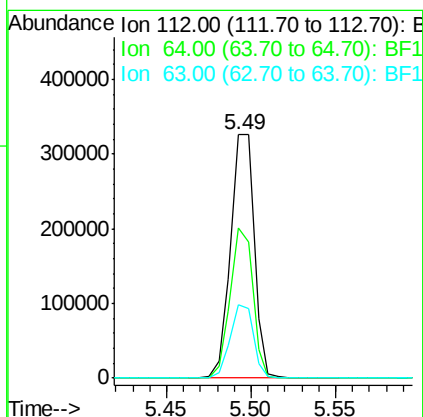
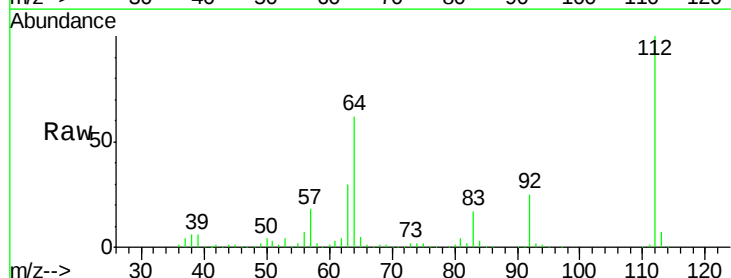
Tot Ion:152 Resp: 123532
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 59.6 50.1 75.1

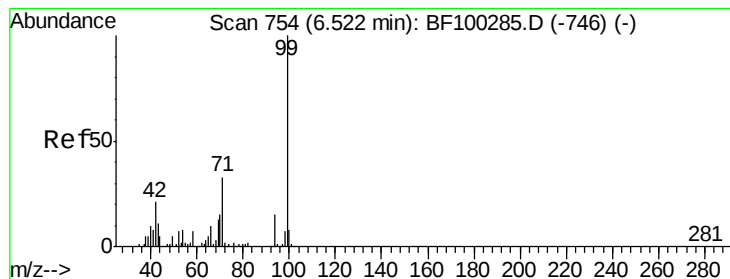


#5

2-Fluorophenol
Concen: 41.11 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100613.D
Acq: 16 Nov 2017 3:27

Tgt Ion:112 Resp: 316845
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 24.84 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100613.D

Acq: 16 Nov 2017 3:27

Instrument :

BNA_F

ClientSampleId :

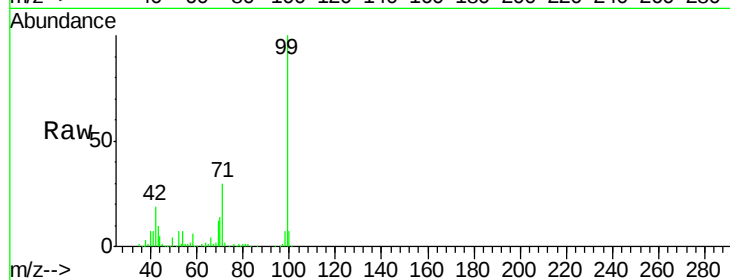
Tot Ion: 99 Resp: 236089

Ion Ratio Lower Upper

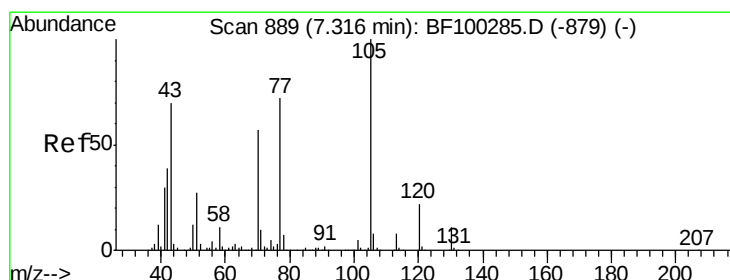
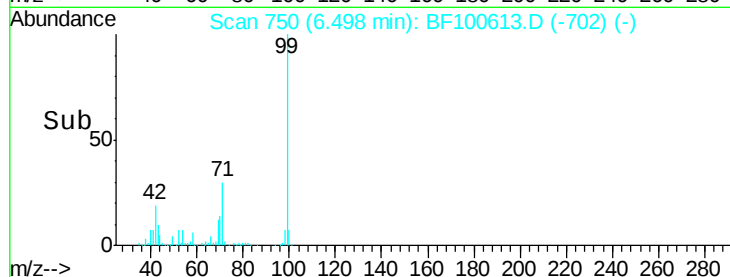
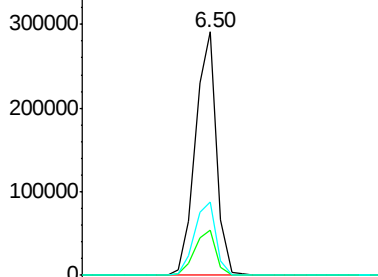
99 100

42 18.5 14.5 21.7

71 30.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.33 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF100613.D

Acq: 16 Nov 2017 3:27

Tgt Ion: 70 Resp: 94459

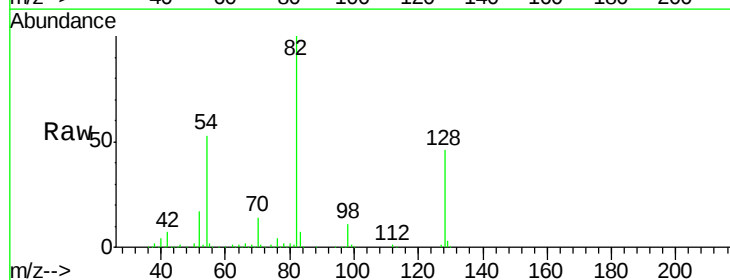
Ion Ratio Lower Upper

70 100

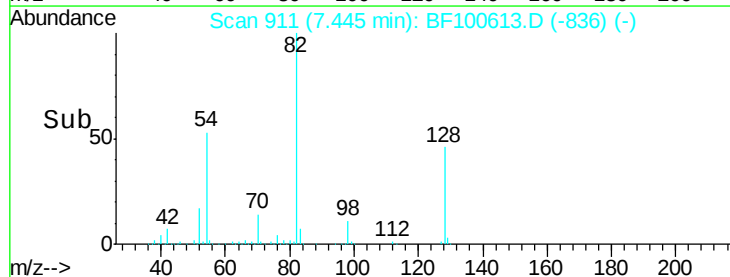
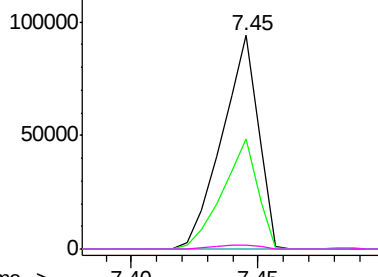
42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 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

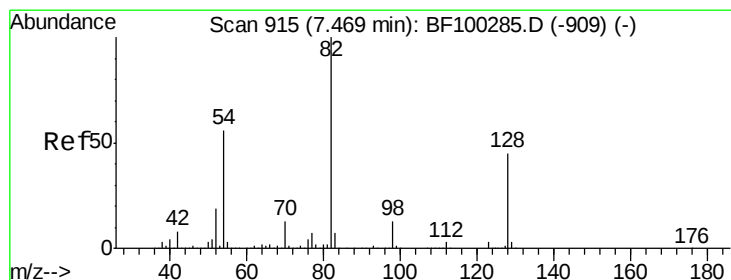
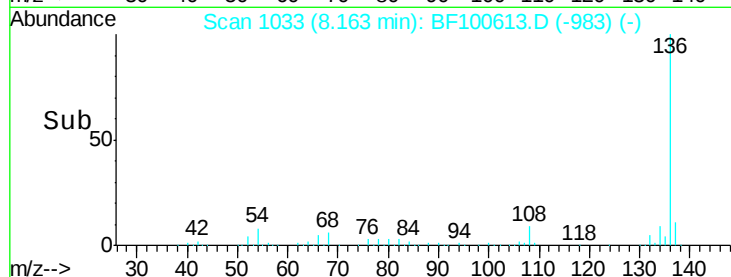
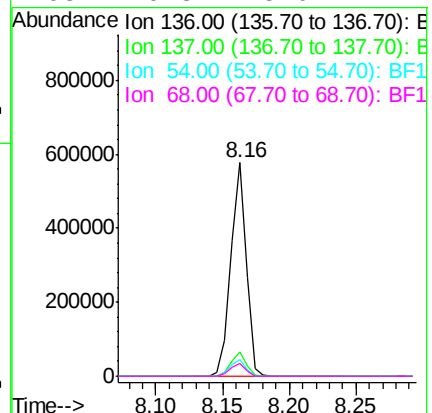
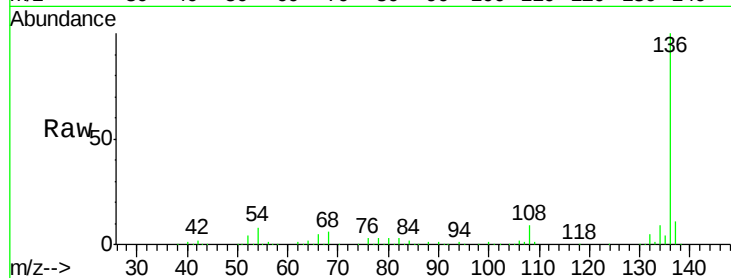




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100613.D
Acq: 16 Nov 2017 3:27

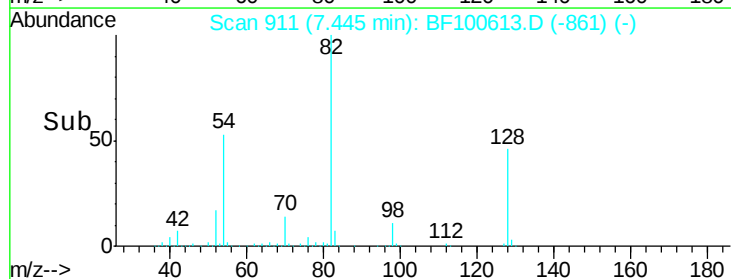
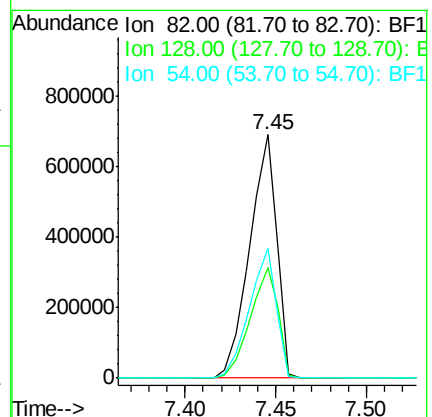
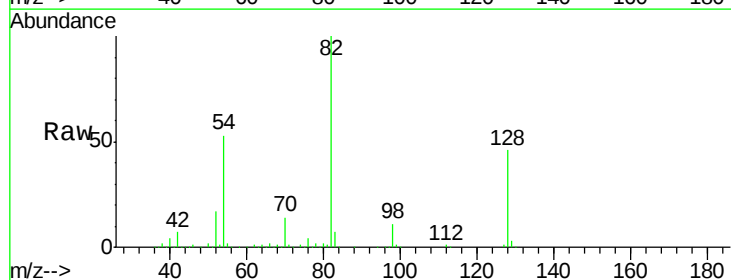
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	477270
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.1	6.6 9.8
68	6.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 99.52 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100613.D
Acq: 16 Nov 2017 3:27

Tgt Ion: 82	Resp:	718443
Ion Ratio	Lower	Upper
82	100	
128	45.5	36.1 54.1
54	53.5	41.4 62.2

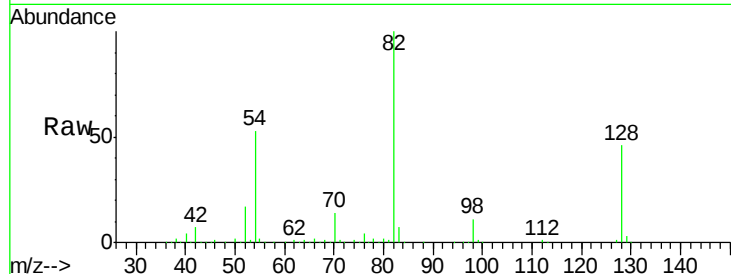




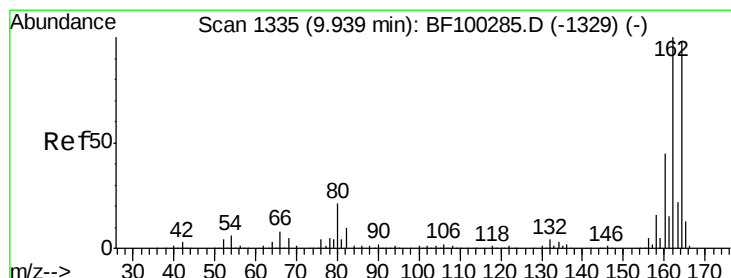
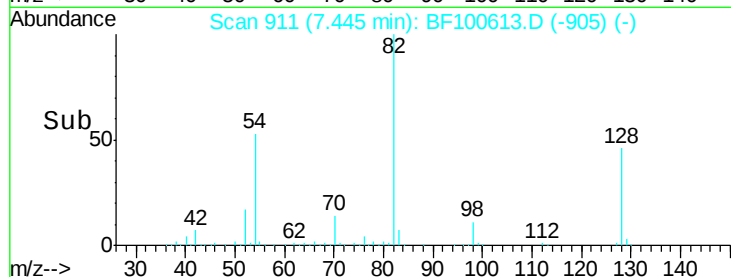
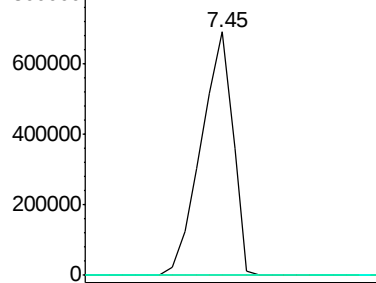
#25
Isophorone
Concen: 47.32 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100613.D
Acq: 16 Nov 2017 3:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 717842
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

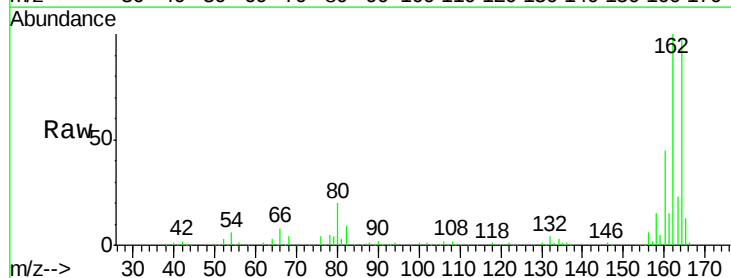


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

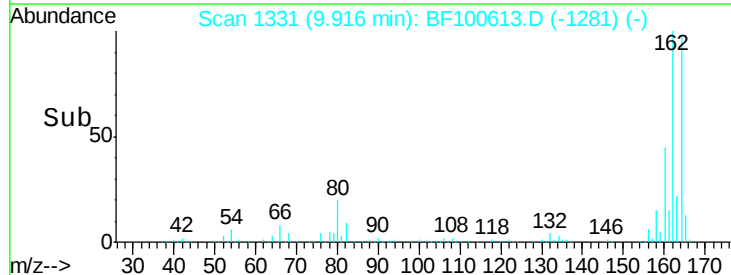
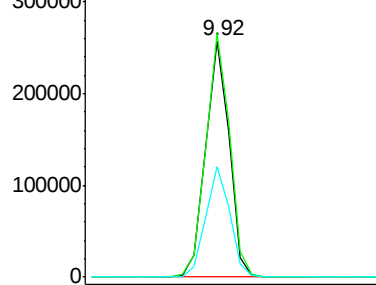


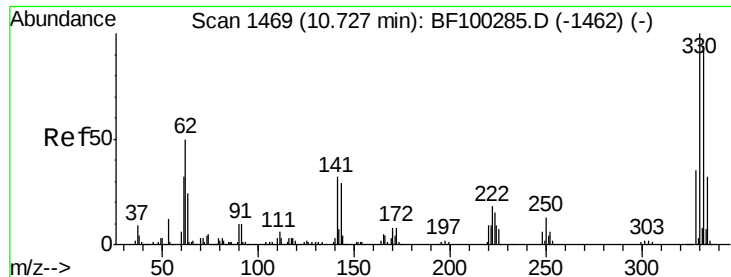
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100613.D
Acq: 16 Nov 2017 3:27

Tgt Ion:164 Resp: 214514
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 46.6 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

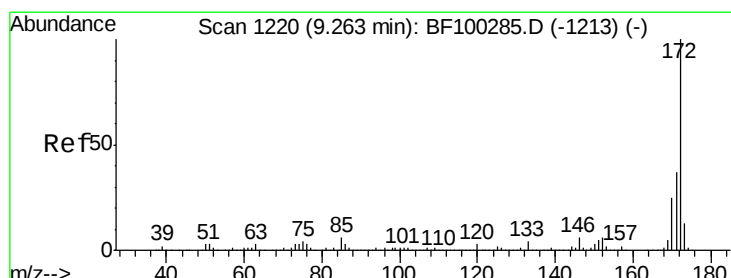
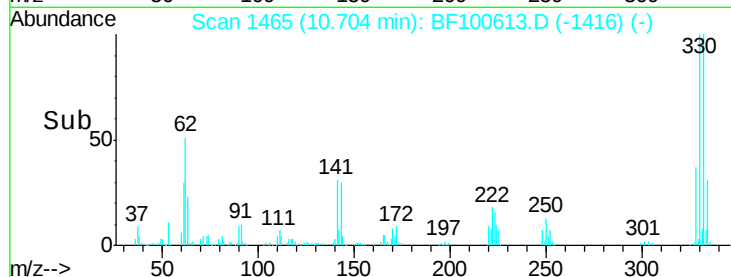
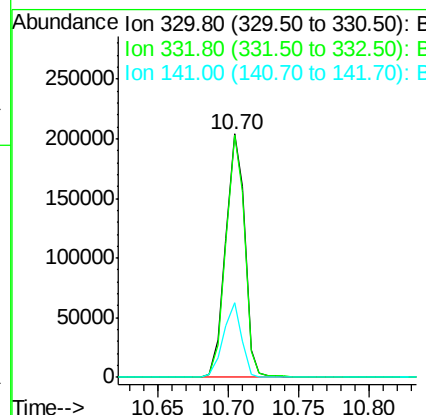
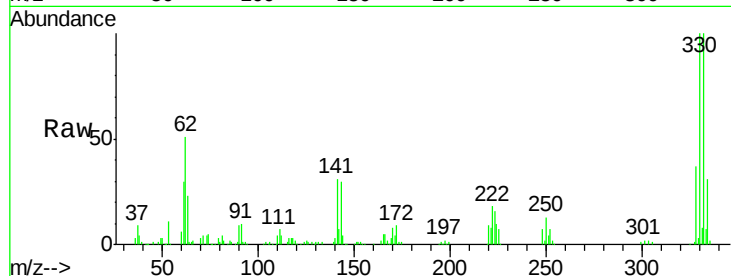




#41
 2,4,6-Tribromophenol
 Concen: 88.26 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100613.D
 Acq: 16 Nov 2017 3:27

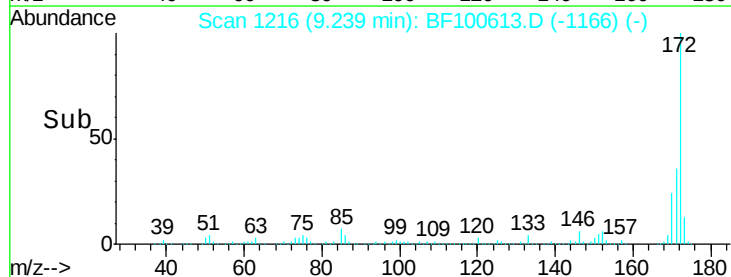
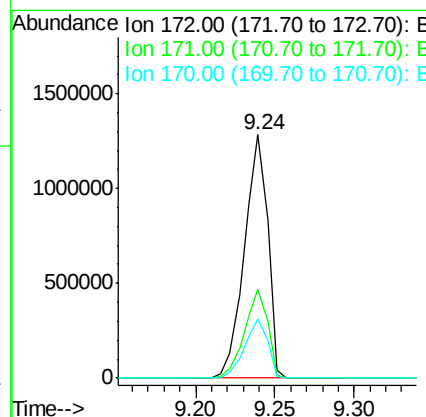
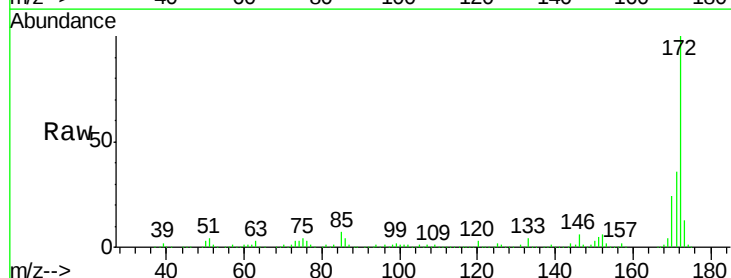
Instrument :
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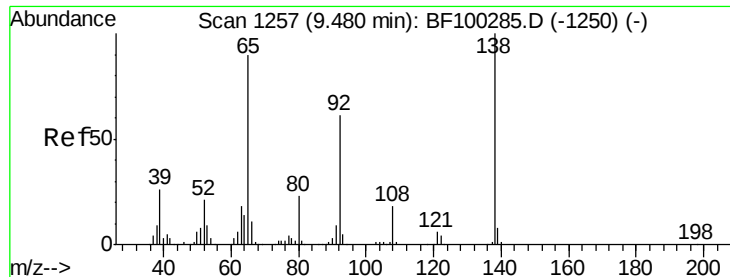
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	29.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 92.22 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100613.D
 Acq: 16 Nov 2017 3:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

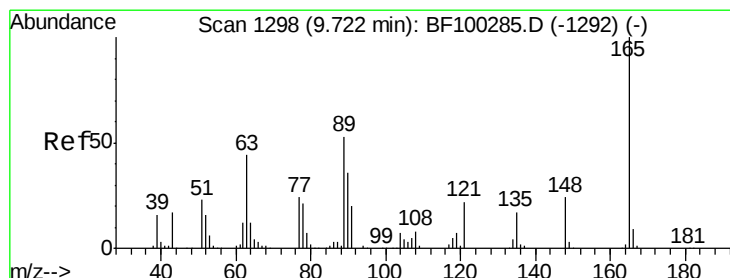
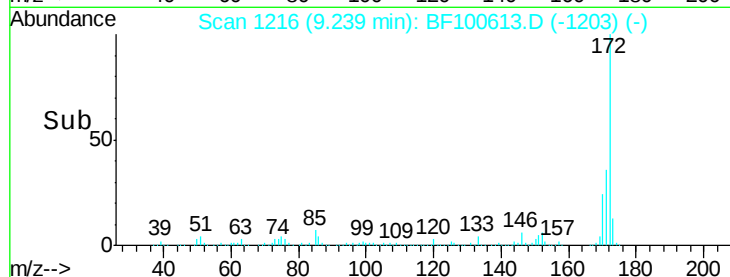
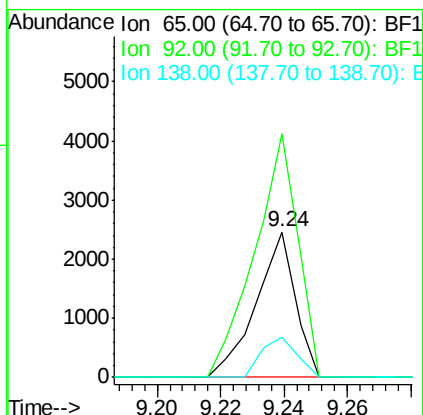
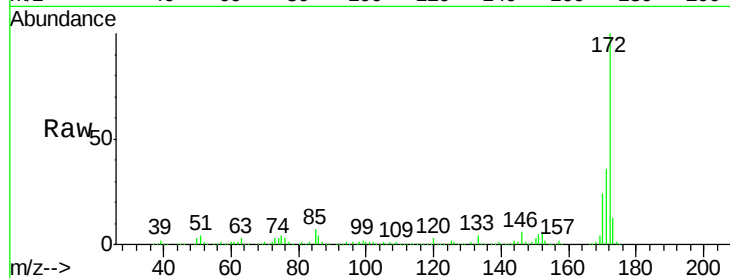




#47
2-Nitroaniline
Concen: 3.28 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100613.D
Acq: 16 Nov 2017 3:27

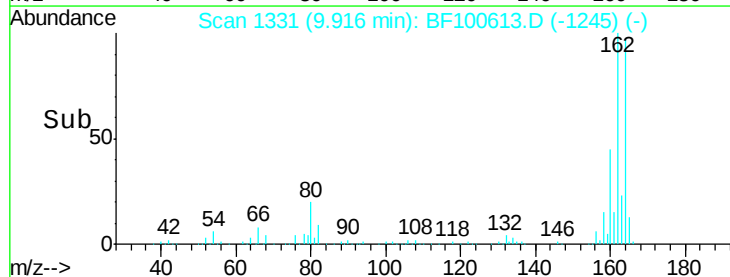
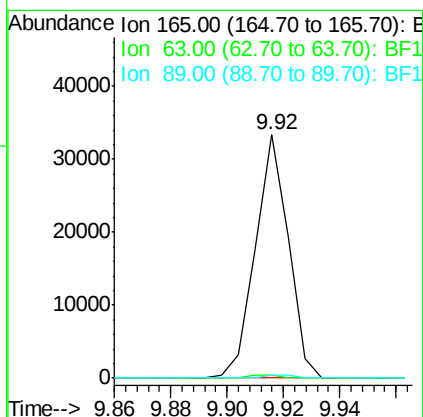
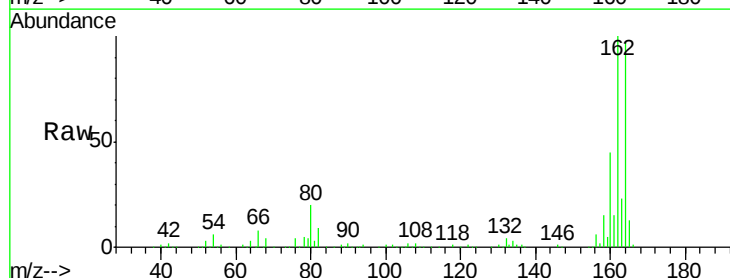
Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 2113
Ion Ratio Lower Upper
65 100
92 167.5 55.8 83.6#
138 27.7 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100613.D
Acq: 16 Nov 2017 3:27

Tgt Ion:165 Resp: 27010
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.4 44.0 66.0#

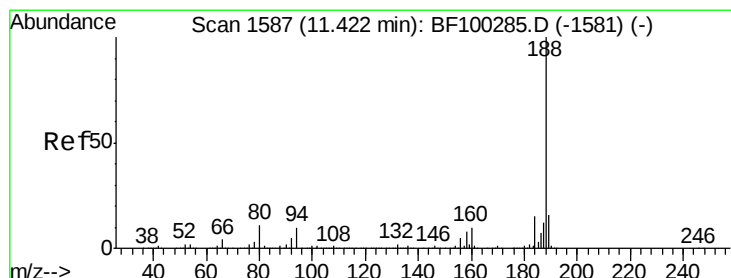
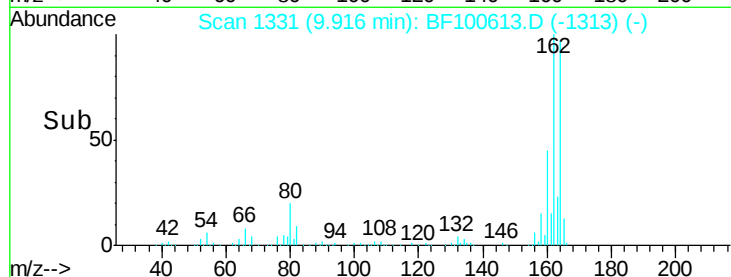
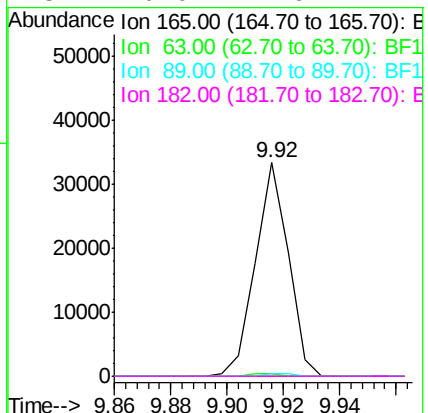
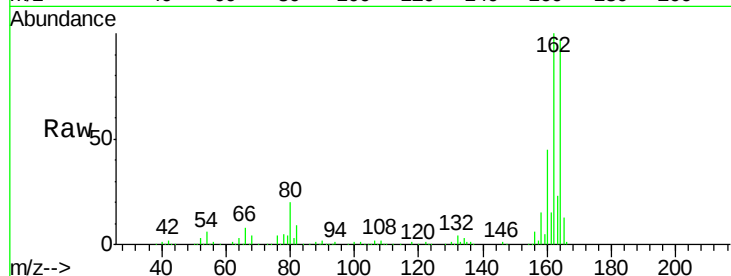




#56
 2,4-Dinitrotoluene
 Concen: 6.60 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100613.D
 Acq: 16 Nov 2017 3:27

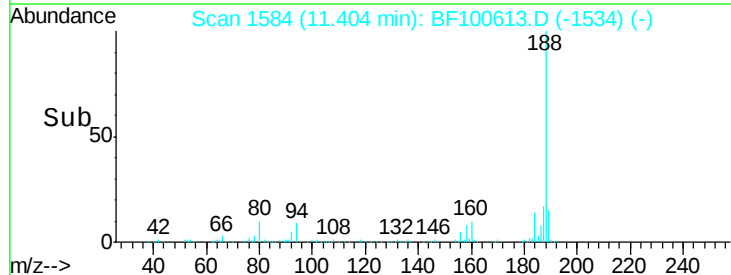
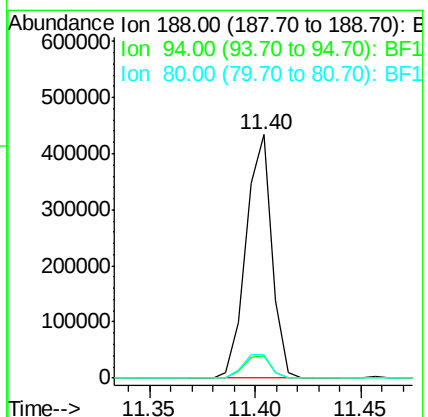
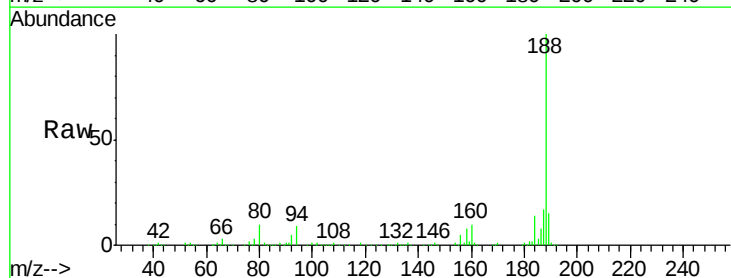
Instrument :
 BNA_F
 ClientSampled :

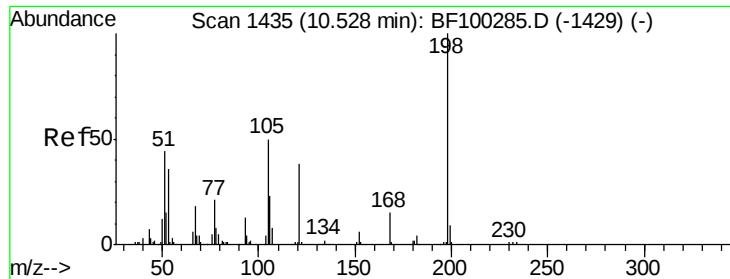
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100613.D
 Acq: 16 Nov 2017 3:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.6	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.69 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.18 min

Lab File: BF100613.D

Acq: 16 Nov 2017 3:27

Instrument :

BNA_F

ClientSampled :

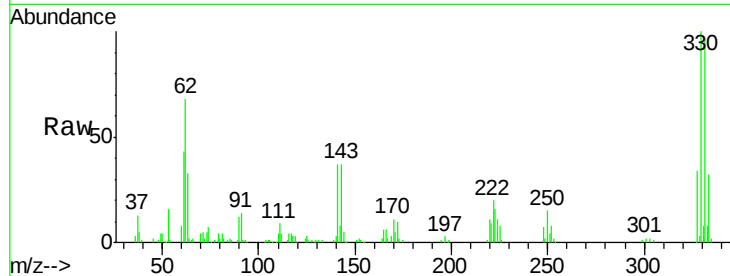
Tot Ion:198 Resp: 267

Ion Ratio Lower Upper

198 100

51 132.8 37.7 77.7#

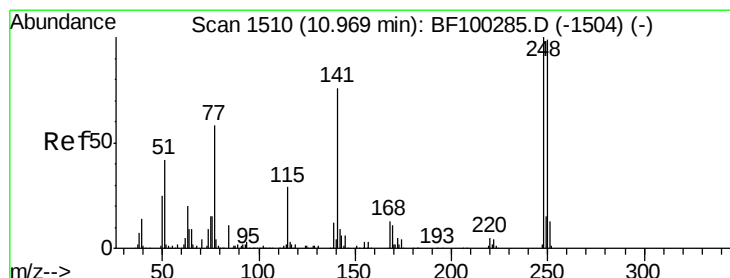
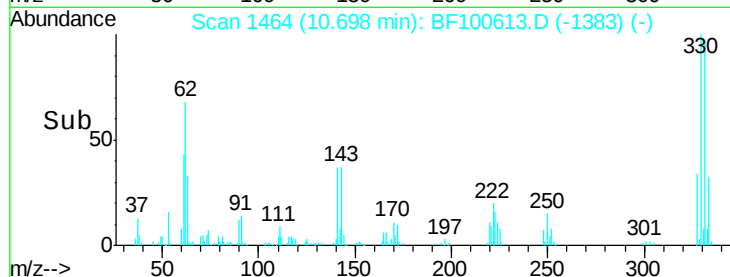
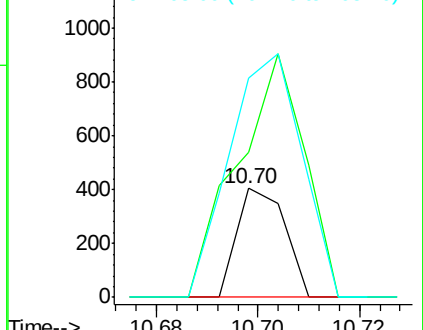
105 201.5 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 3.16 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF100613.D

Acq: 16 Nov 2017 3:27

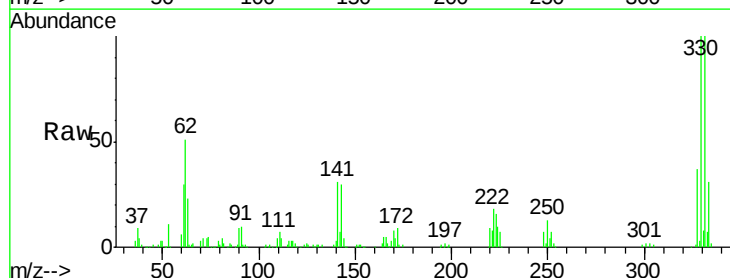
Tgt Ion:248 Resp: 12421

Ion Ratio Lower Upper

248 100

250 192.1 76.9 115.3#

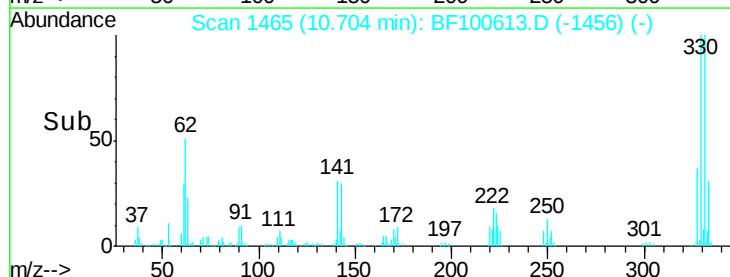
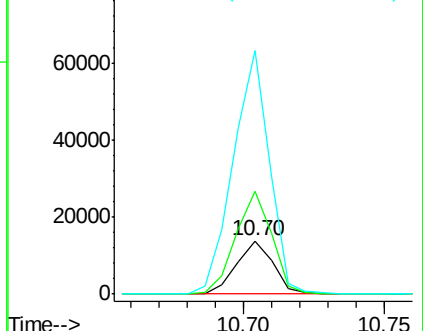
141 455.2 74.4 111.6#

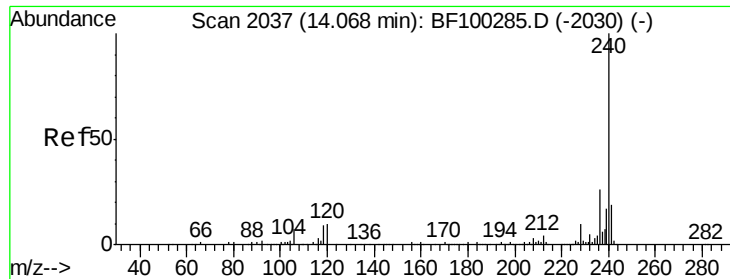


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100613.D

Acq: 16 Nov 2017 3:27

Instrument :

BNA_F

ClientSampleId :

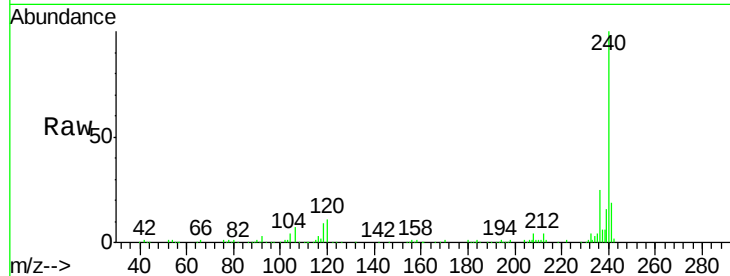
Tot Ion:240 Resp: 234555

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

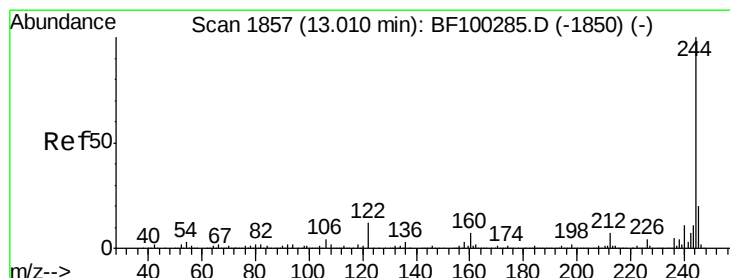
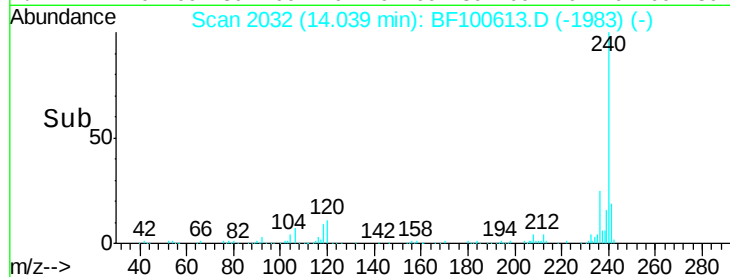
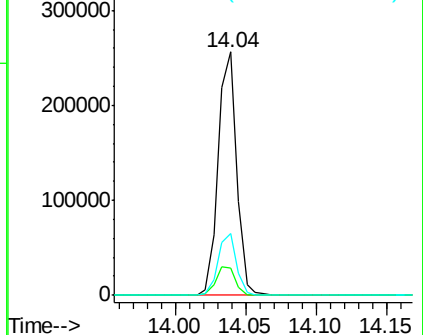
236 25.4 20.7 31.1



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: 90.82 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100613.D

Acq: 16 Nov 2017 3:27

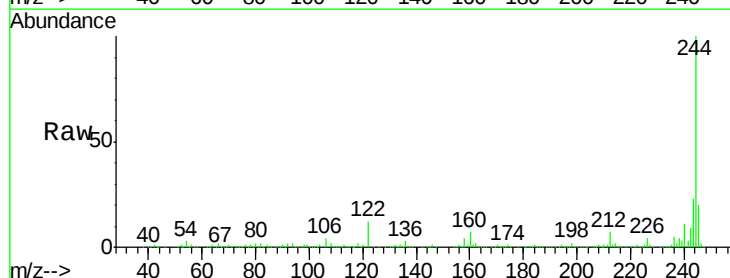
Tgt Ion:244 Resp: 927134

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

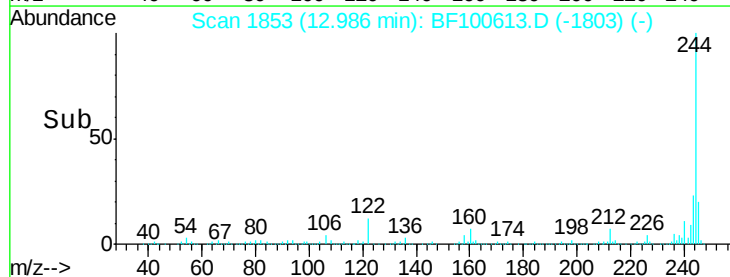
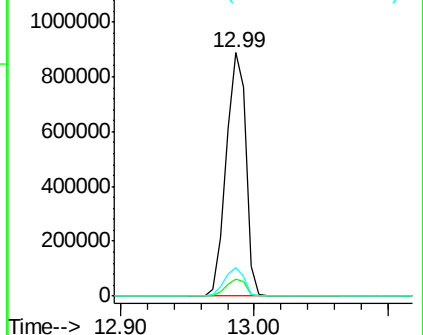
122 11.5 11.0 16.4

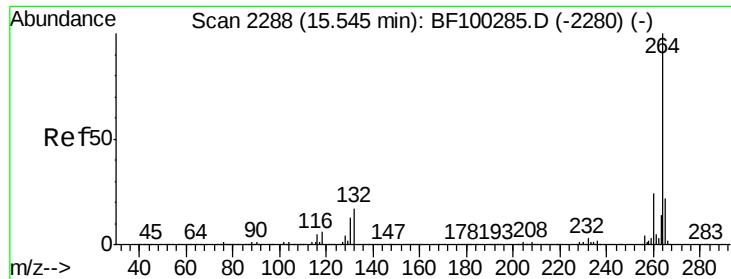


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

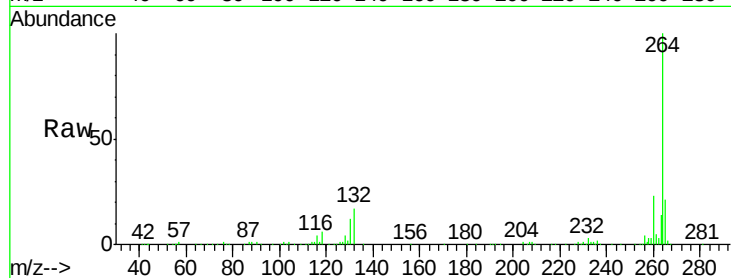




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100613.D
Acq: 16 Nov 2017 3:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	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

