

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101678.D
 Acq On : 23 Dec 2017 3:40
 Operator : SJ/JU
 Sample : PB105250BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BL

Quant Time: Dec 23 04:08:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

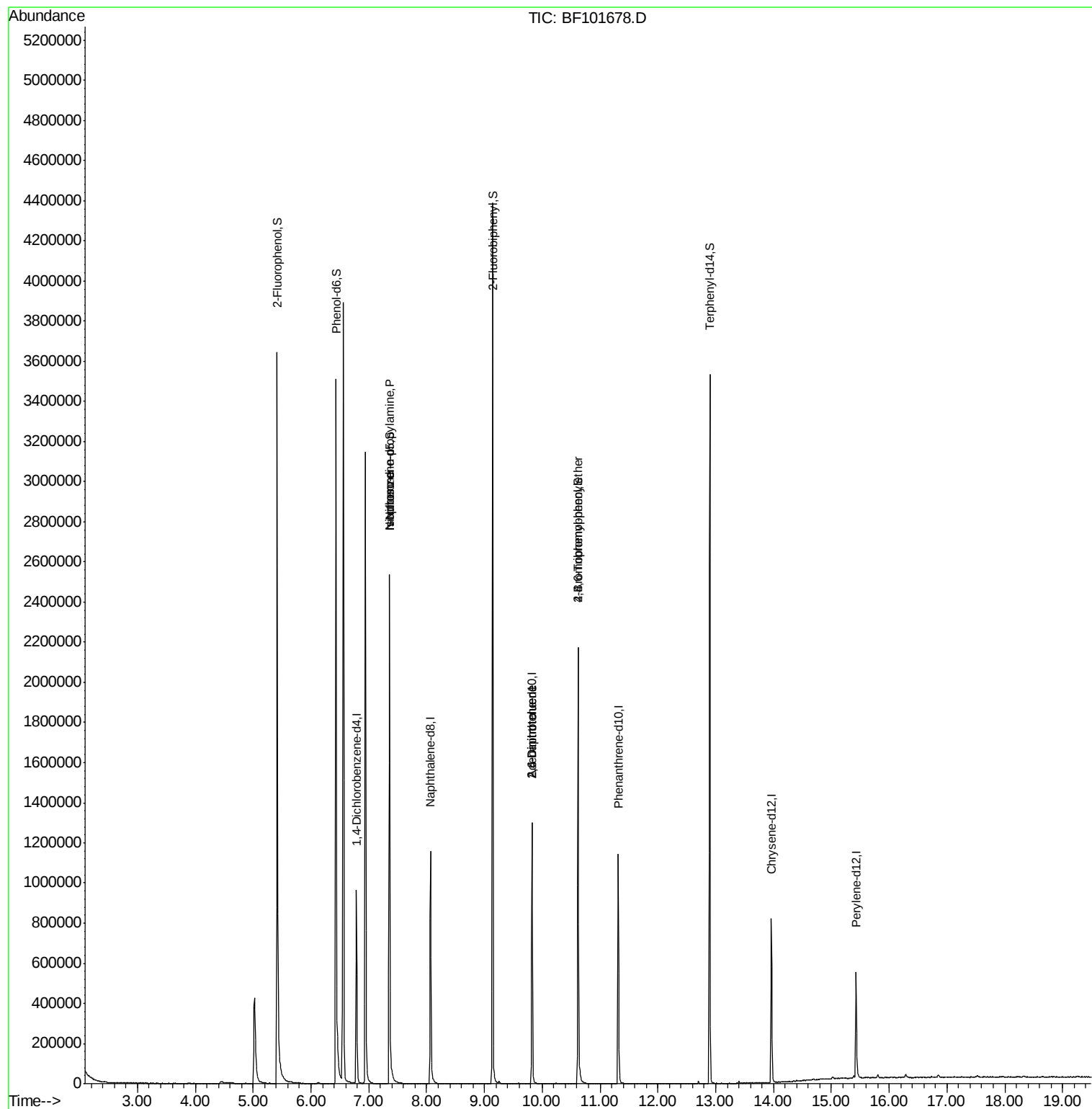
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	149482	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	588947	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	249504	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	445576	20.00	ng	0.00
75) Chrysene-d12	13.96	240	298355	20.00	ng	0.00
86) Perylene-d12	15.43	264	275001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1279550	127.51	ng	0.01
7) Phenol-d6	6.43	99	1534196	122.84	ng	0.00
23) Nitrobenzene-d5	7.36	82	993693	93.92	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	318015	132.28	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1518413	94.40	ng	0.00
78) Terphenyl-d14	12.90	244	1351095	109.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	132932	16.207	ng	# 83
25) Isophorone	7.36	82	993687	46.818	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	31582	7.743	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	31582	6.872	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	20540	4.103	ng	# 1

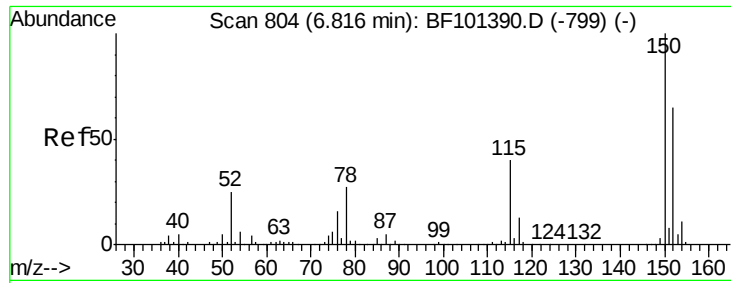
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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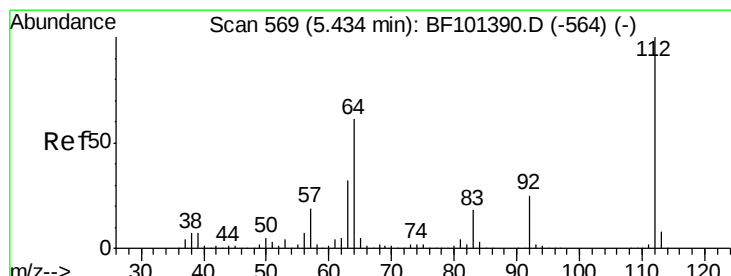
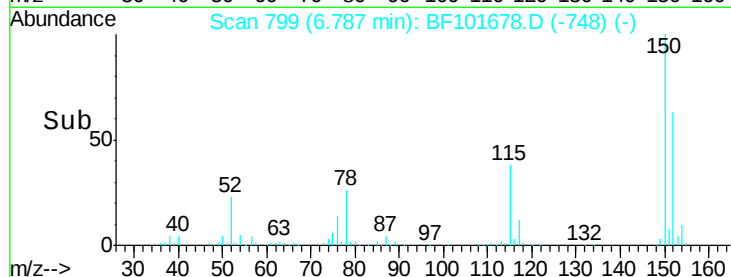
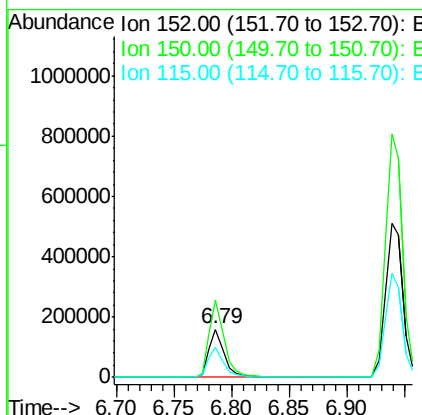
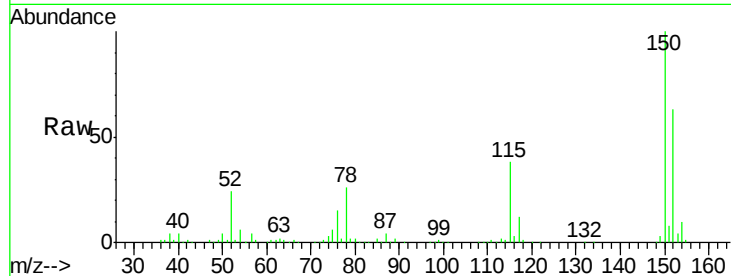


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101678.D
 Acq: 23 Dec 2017 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BL

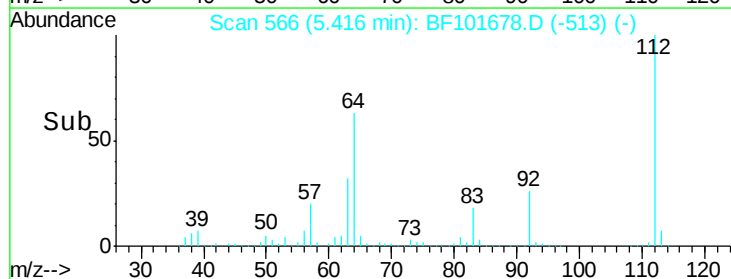
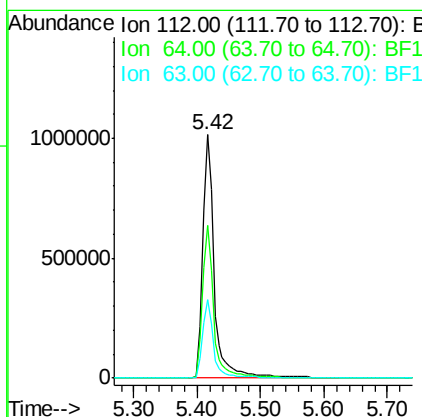
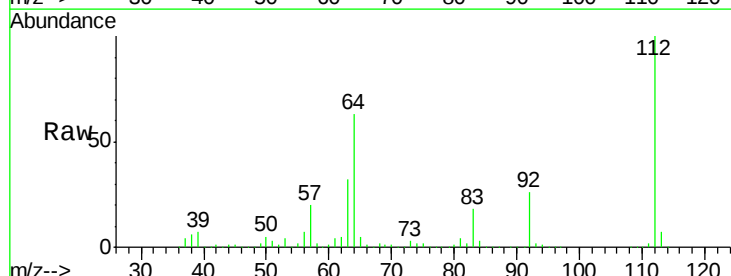
Tot Ion:152 Resp: 149482
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 60.6 50.1 75.1

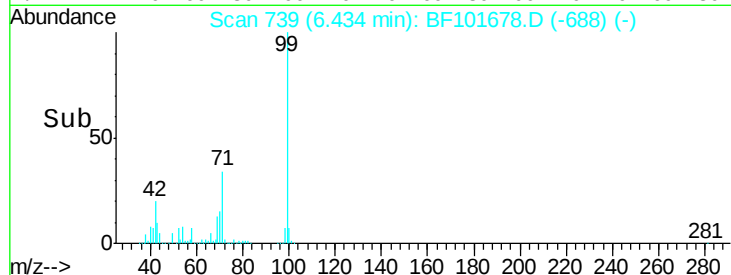
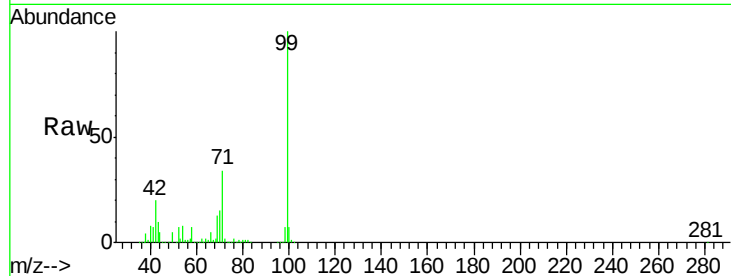
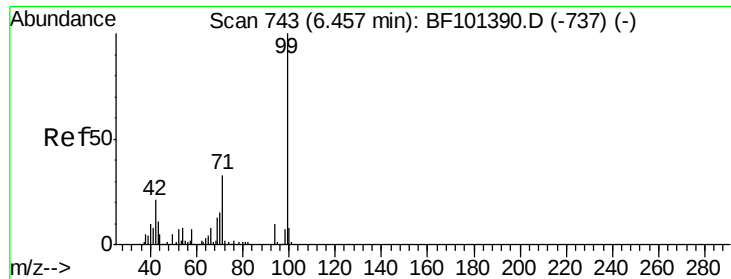


#5

2-Fluorophenol
 Concen: 127.506 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101678.D
 Acq: 23 Dec 2017 3:40

Tgt Ion:112 Resp: 1279550
 Ion Ratio Lower Upper
 112 100
 64 62.9 47.9 71.9
 63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 122.842 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101678.D

Acq: 23 Dec 2017 3:40

Instrument :

BNA_F

ClientSampleId :

PB105250BL

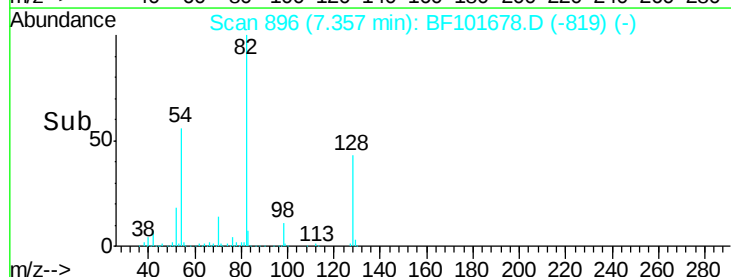
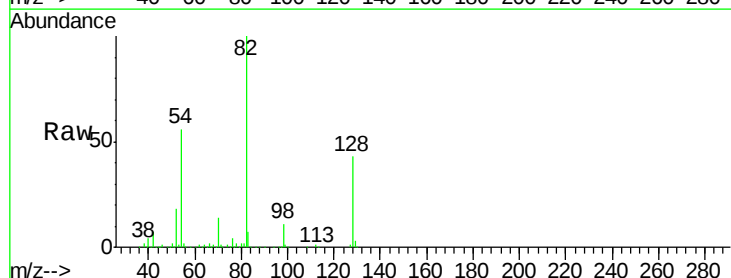
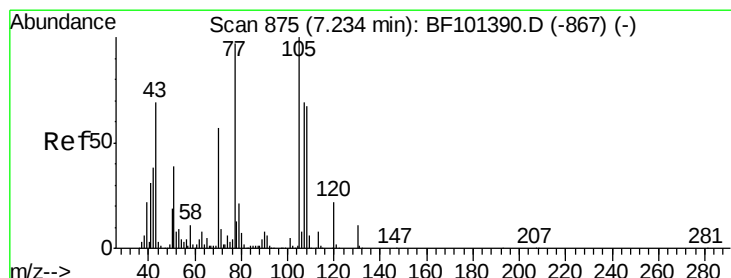
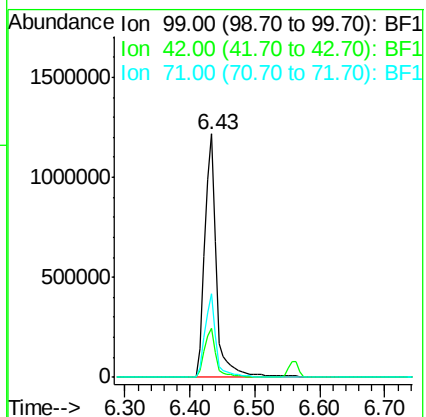
Tot Ion: 99 Resp: 1534196

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 34.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.207 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101678.D

Acq: 23 Dec 2017 3:40

Tgt Ion: 70 Resp: 132932

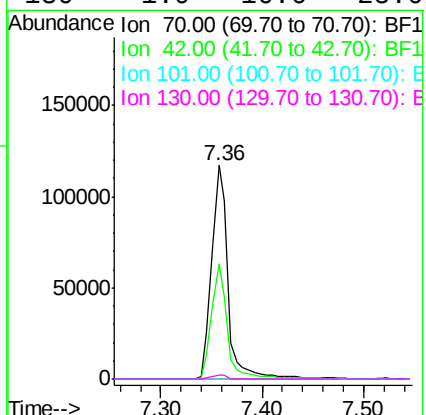
Ion Ratio Lower Upper

70 100

42 53.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

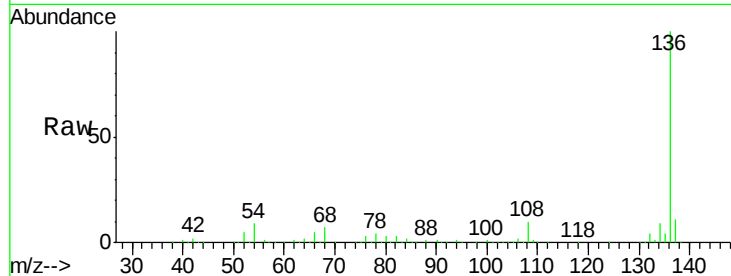




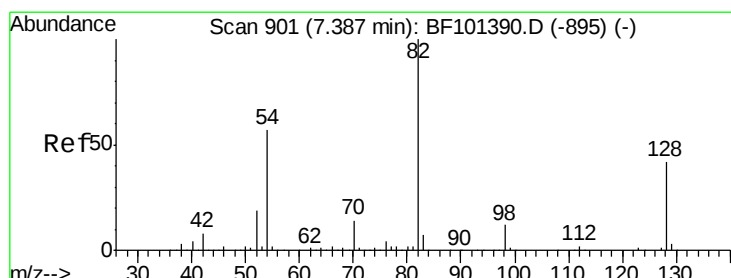
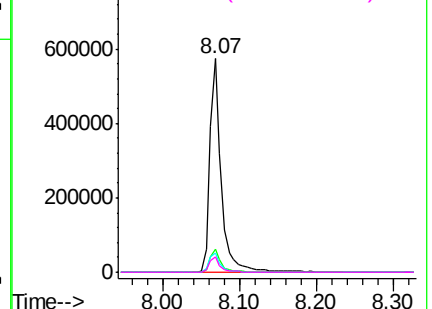
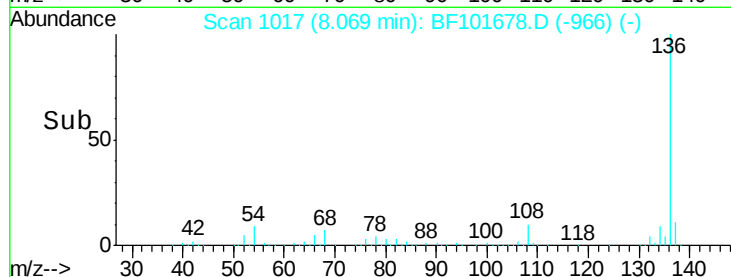
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101678.D
Acq: 23 Dec 2017 3:40

Instrument :
BNA_F
ClientSampleId :
PB105250BL

Tot Ion:136	Resp:	588947
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.1	6.6 9.8
68	7.1	5.0 7.4

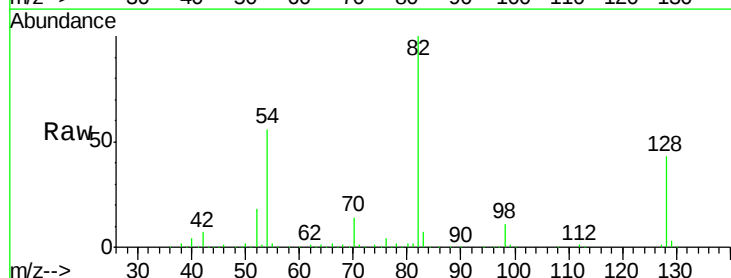


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

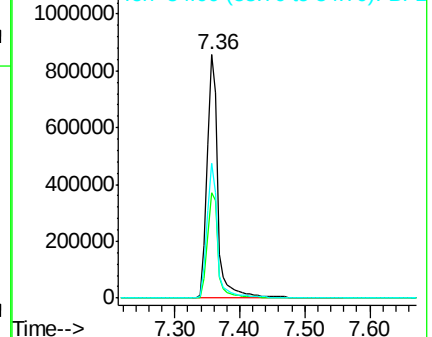
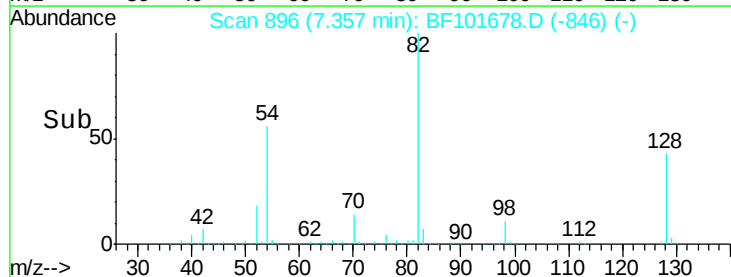


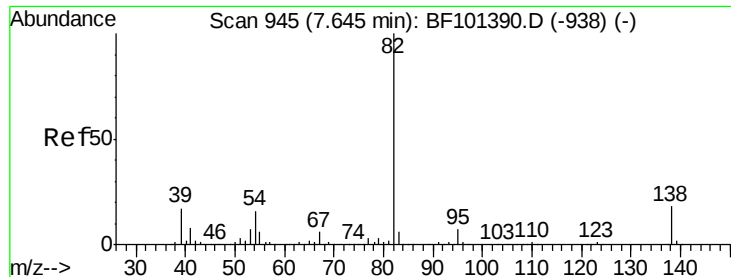
#23
Nitrobenzene-d5
Concen: 93.921 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101678.D
Acq: 23 Dec 2017 3:40

Tgt Ion: 82	Resp:	993693
Ion Ratio	Lower	Upper
82	100	
128	43.1	36.1 54.1
54	55.6	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: 46.818 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101678.D

Acq: 23 Dec 2017 3:40

Instrument :

BNA_F

ClientSampleId :

PB105250BL

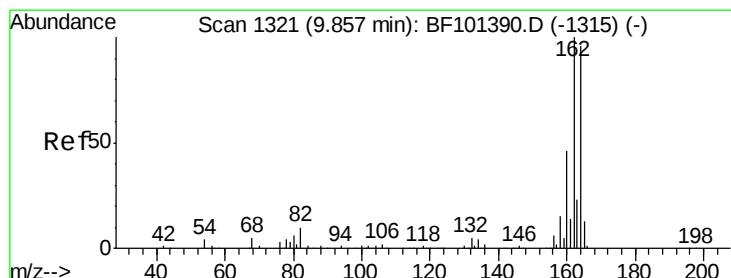
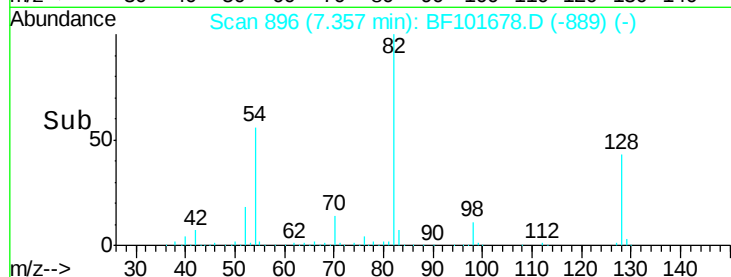
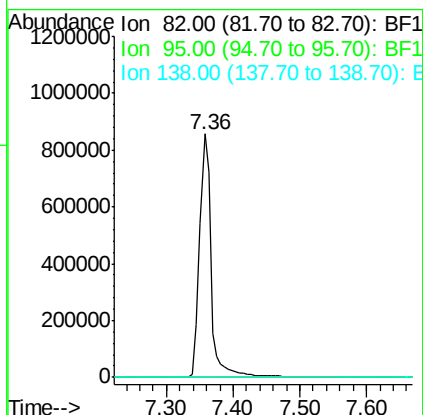
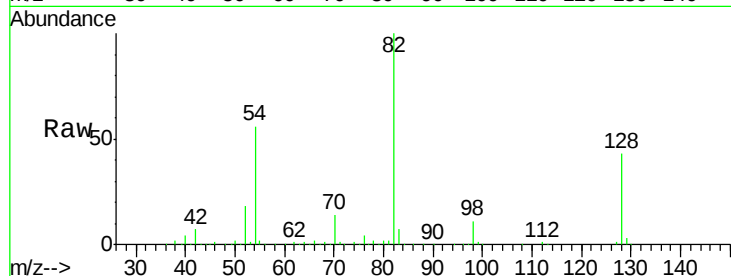
Tot Ion: 82 Resp: 993687

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101678.D

Acq: 23 Dec 2017 3:40

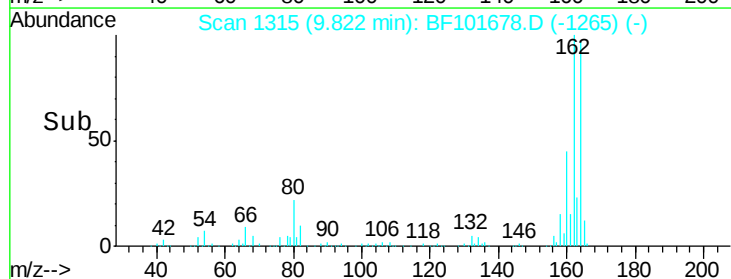
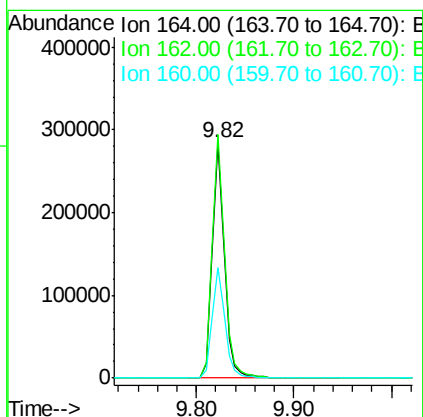
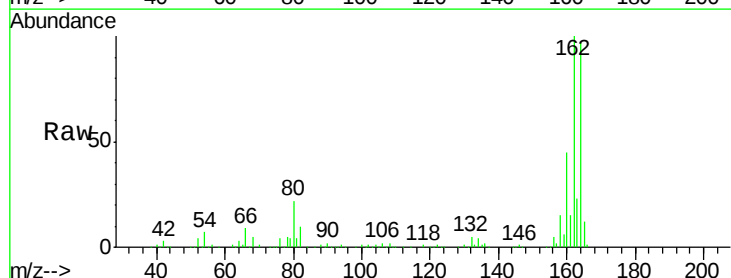
Tgt Ion: 164 Resp: 249504

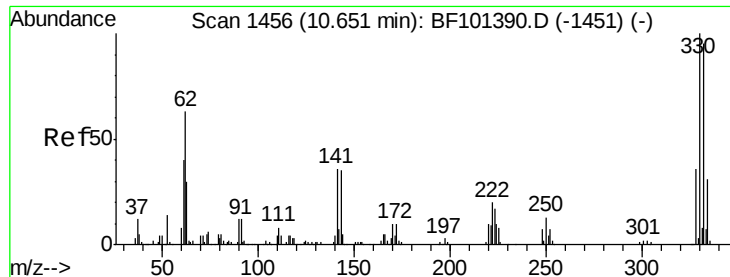
Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

160 46.7 38.3 57.5

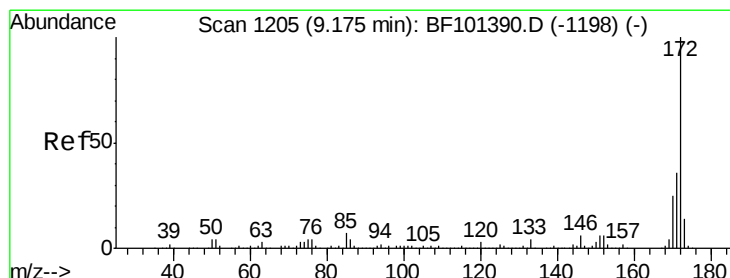
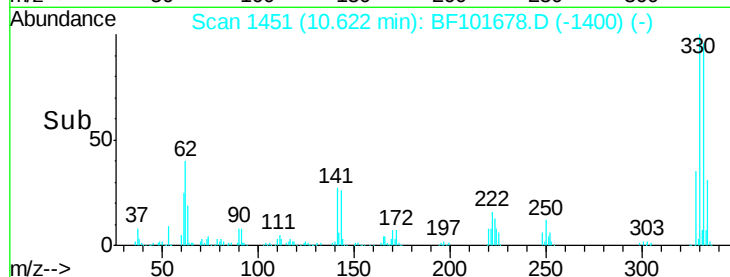
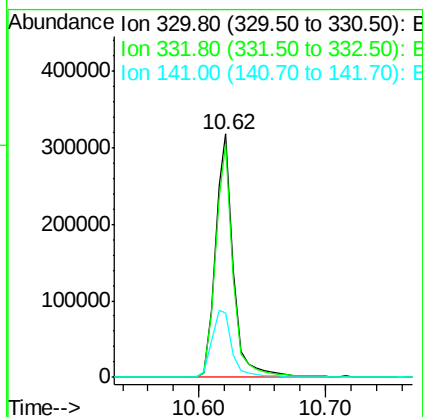
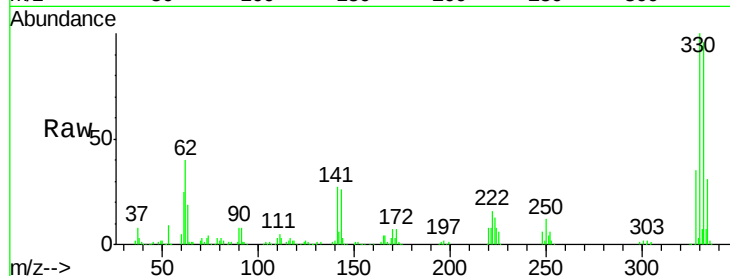




#41
 2,4,6-Tribromophenol
 Concen: 132.277 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101678.D
 Acq: 23 Dec 2017 3:40

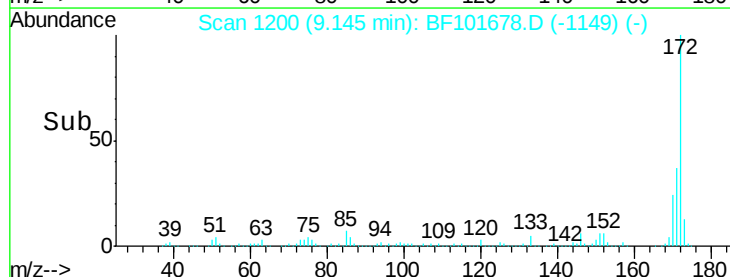
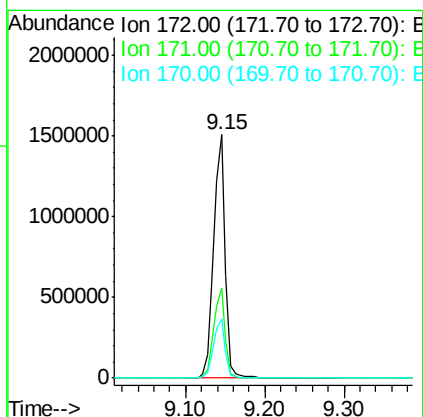
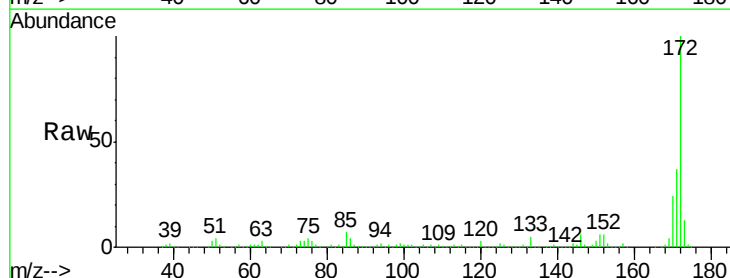
Instrument :
 BNA_F
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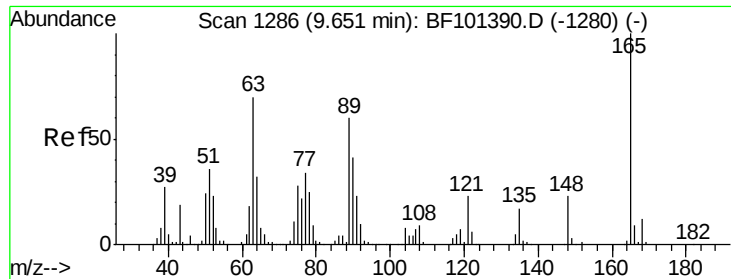
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 94.404 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101678.D
 Acq: 23 Dec 2017 3:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.3	19.6	29.4

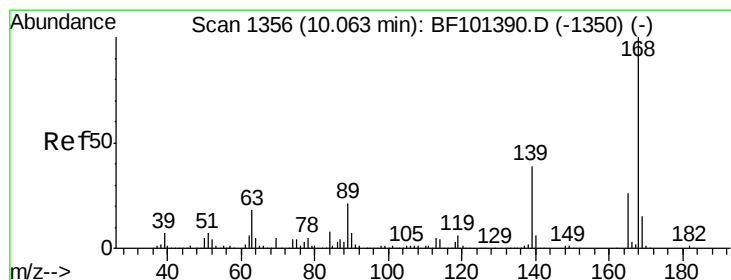
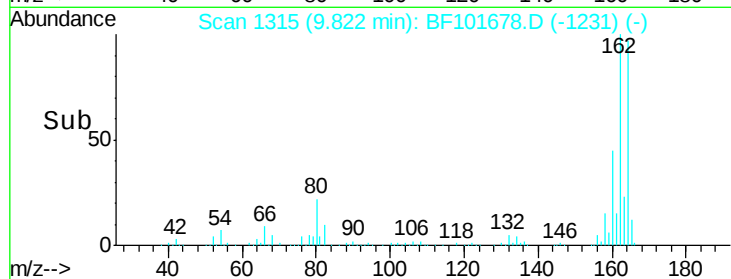
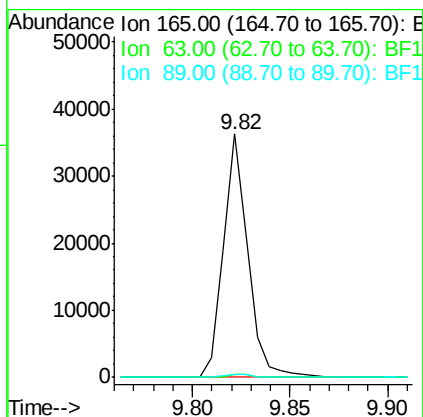
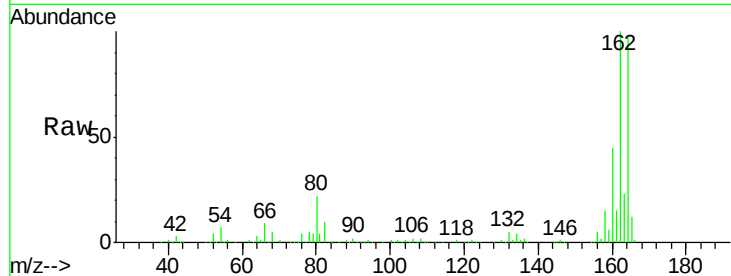




#50
 2,6-Dinitrotoluene
 Concen: 7.743 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF101678.D
 Acq: 23 Dec 2017 3:40

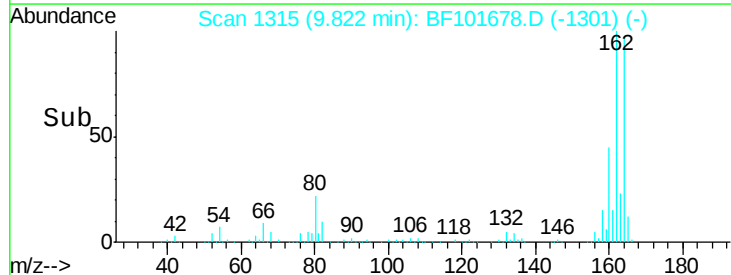
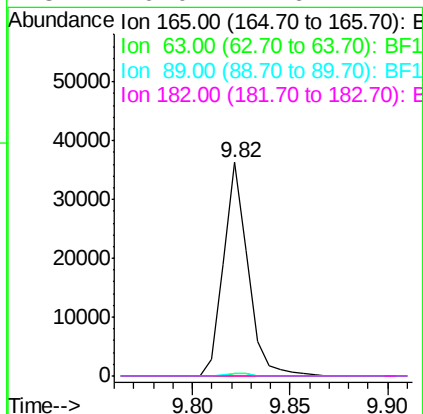
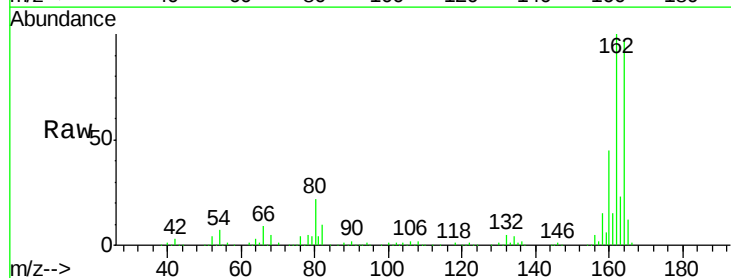
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 ClientSampleId :
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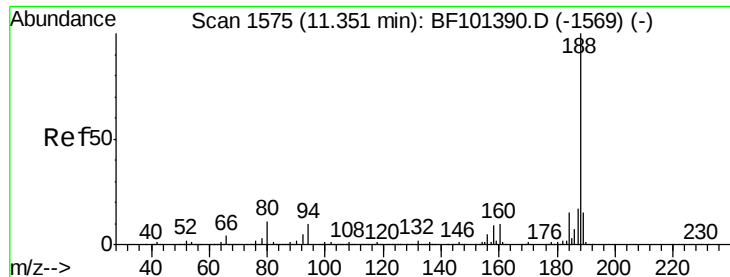
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.872 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101678.D
 Acq: 23 Dec 2017 3:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

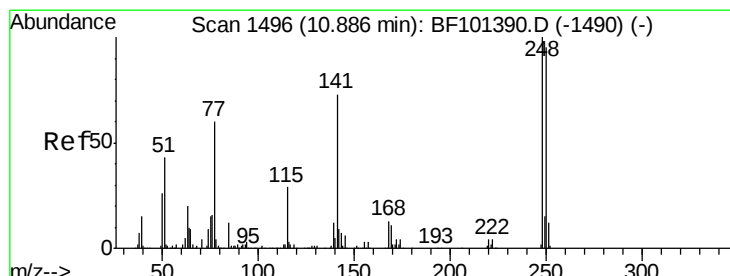
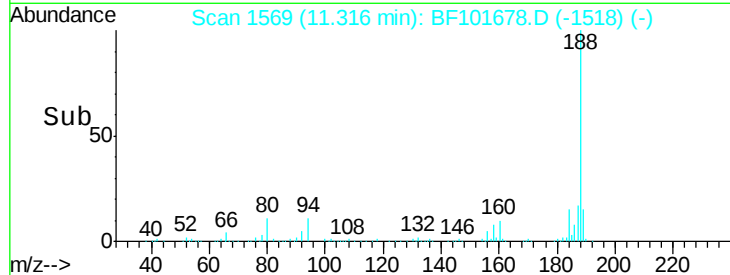
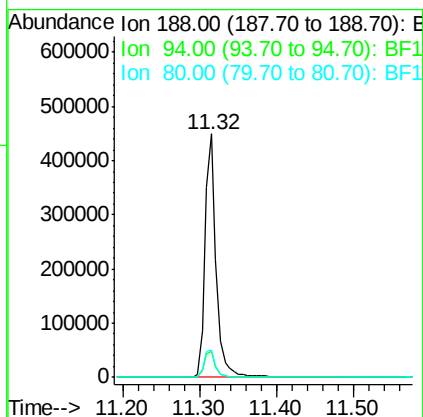
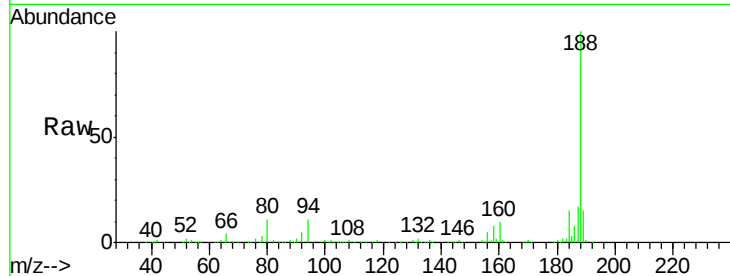




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101678.D
 Acq: 23 Dec 2017 3:40

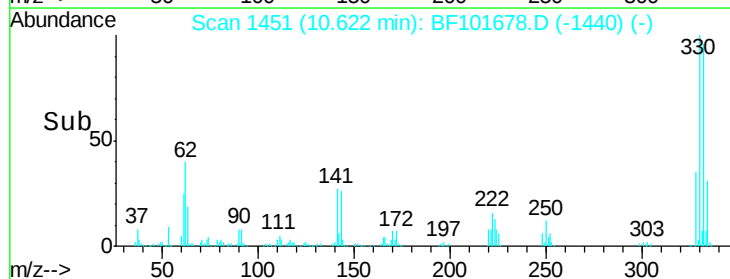
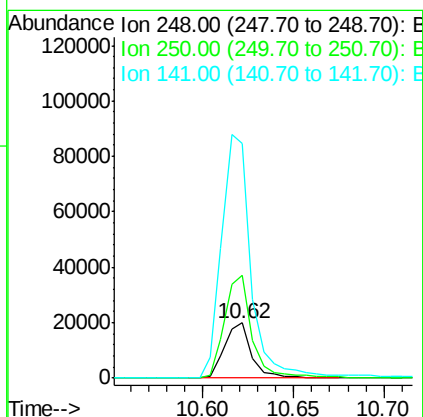
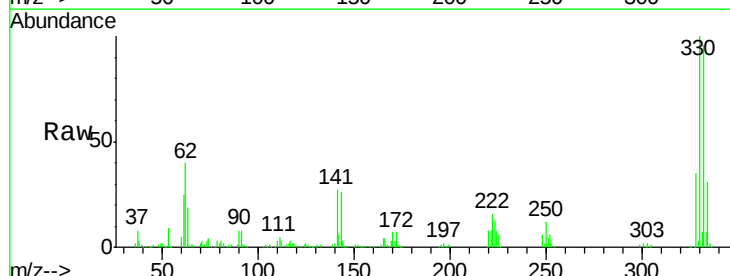
Instrument :
 BNA_F
 ClientSampleId :
 PB105250BL

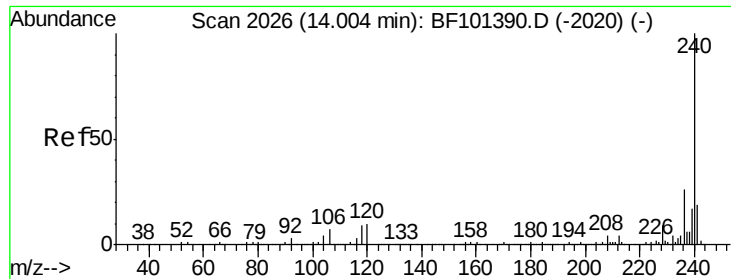
Tot Ion:188 Resp: 445576
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.103 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF101678.D
 Acq: 23 Dec 2017 3:40

Tgt Ion:248 Resp: 20540
 Ion Ratio Lower Upper
 248 100
 250 187.1 76.9 115.3#
 141 427.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101678.D

Acq: 23 Dec 2017 3:40

Instrument :

BNA_F

ClientSampleId :

PB105250BL

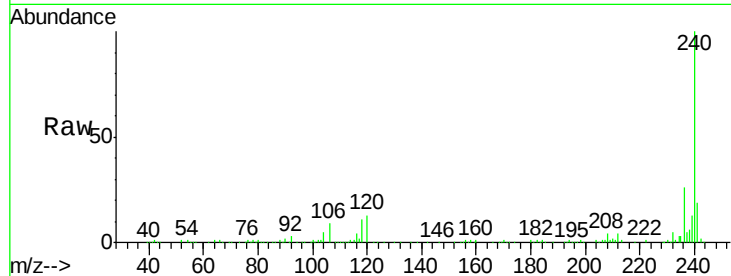
Tot Ion:240 Resp: 298355

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

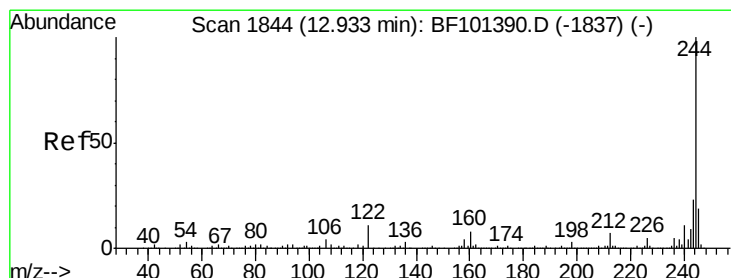
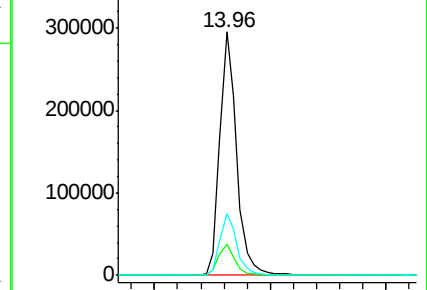
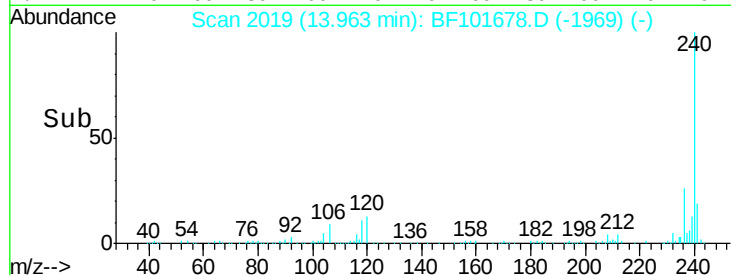
236 25.6 20.7 31.1



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: 109.171 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101678.D

Acq: 23 Dec 2017 3:40

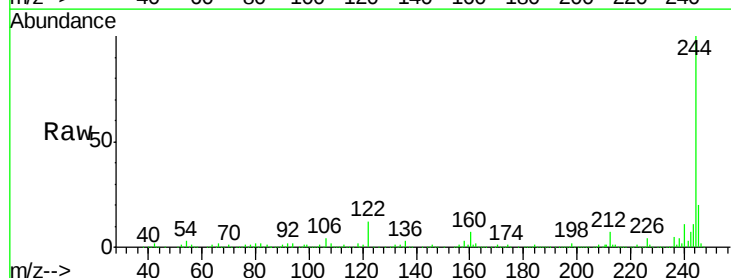
Tgt Ion:244 Resp: 1351095

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

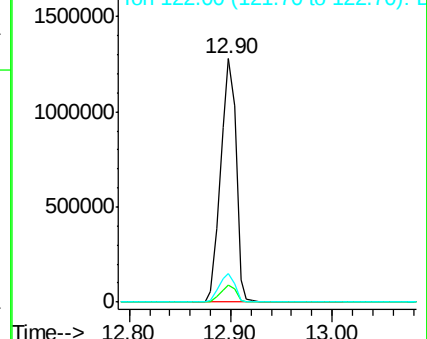
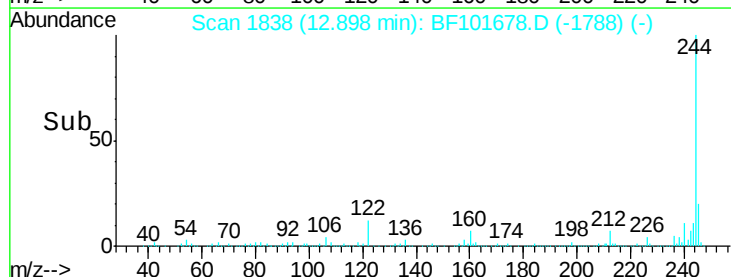
122 11.5 11.0 16.4

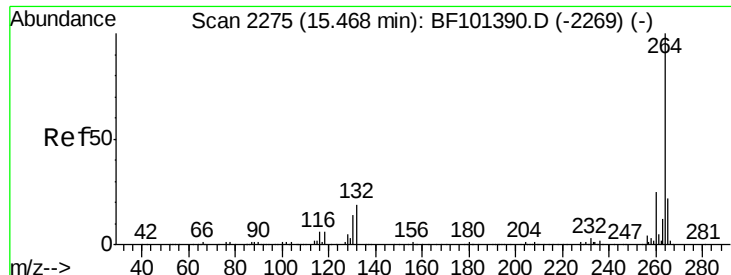


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



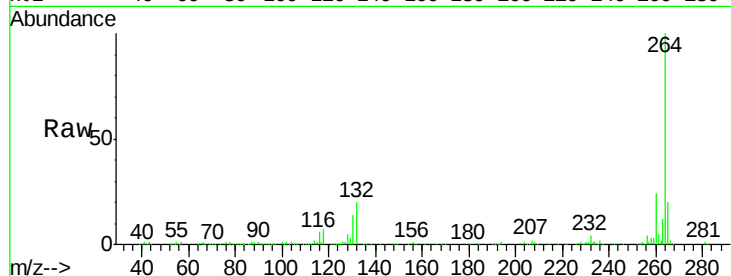


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101678.D
Acq: 23 Dec 2017 3:40

Instrument :
BNA_F
ClientSampleId :
PB105250BL

Tot Ion: 264 Resp: 275001

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.1	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

