

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107337.D
 Acq On : 12 Jul 2018 14:30
 Operator : JU/SJ
 Sample : PB110949BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BL

Quant Time: Jul 12 15:16:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

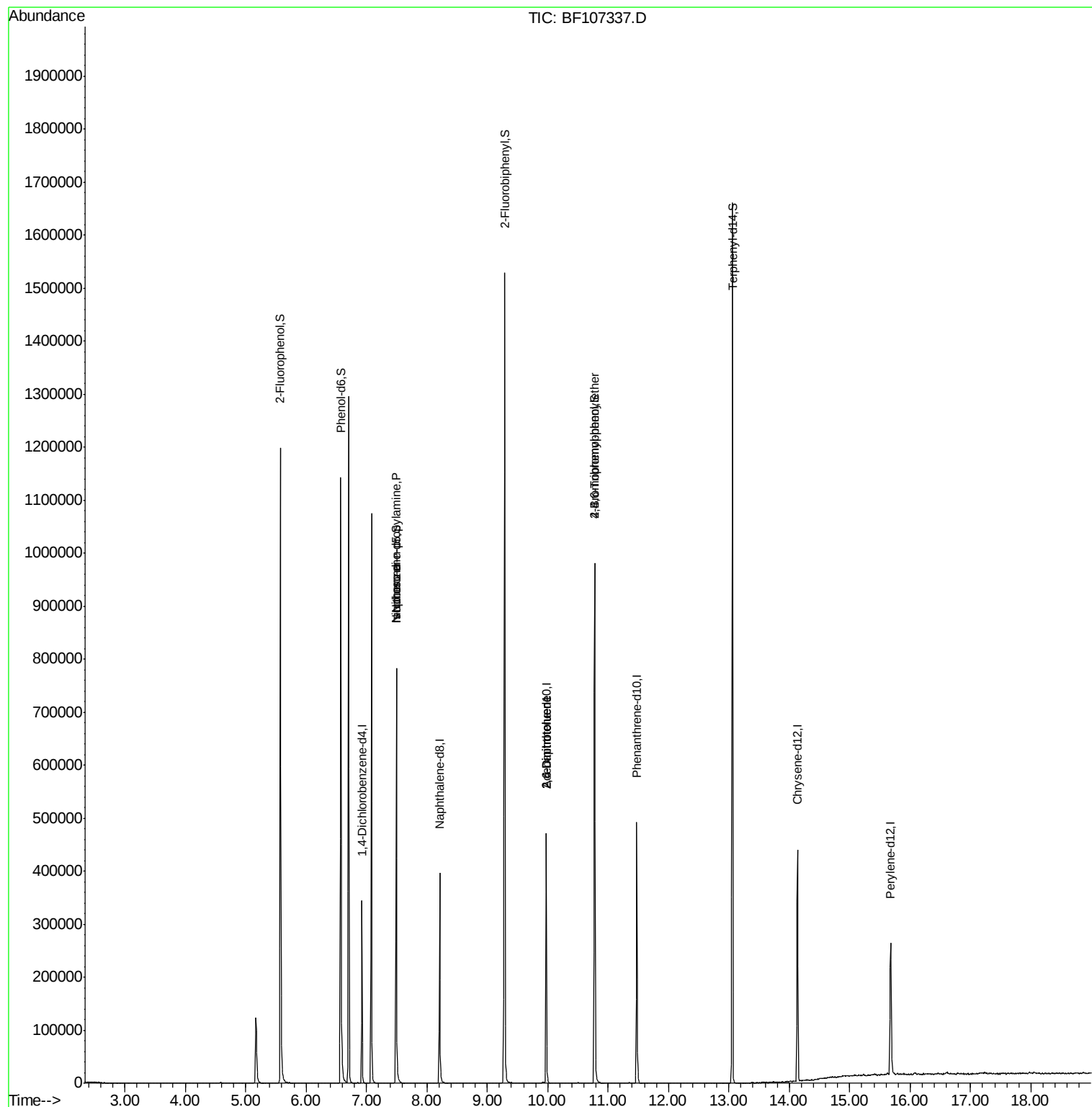
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	52425	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	205579	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	108150	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	225155	20.00	ng	0.00
75) Chrysene-d12	14.14	240	167466	20.00	ng	0.00
86) Perylene-d12	15.68	264	151418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	360909	116.57	ng	0.01
7) Phenol-d6	6.58	99	443016	114.58	ng	0.00
23) Nitrobenzene-d5	7.50	82	287096	77.61	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	154356	123.14	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	560429	88.28	ng	0.00
78) Terphenyl-d14	13.06	244	671209	97.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	36540	14.338	ng	# 74
25) Isophorone	7.50	82	287094	44.042	ng	# 64
50) 2,6-Dinitrotoluene	9.98	165	13777	8.021	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	13777	6.145	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	9147	3.404	ng	# 1

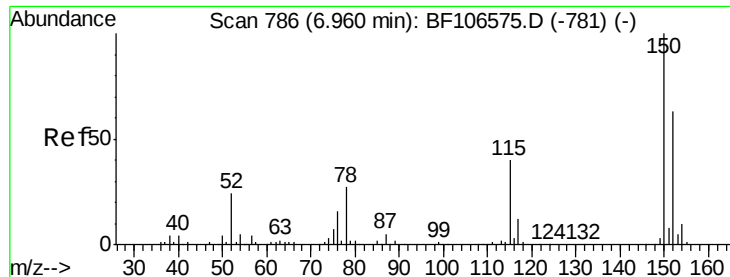
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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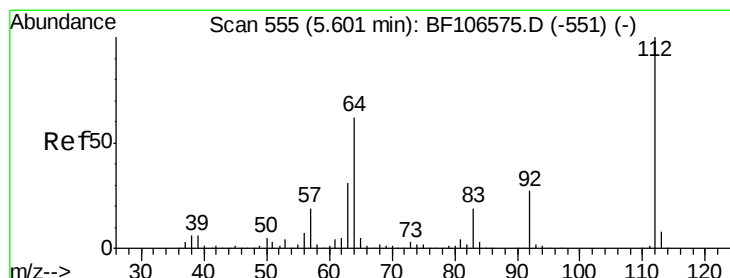
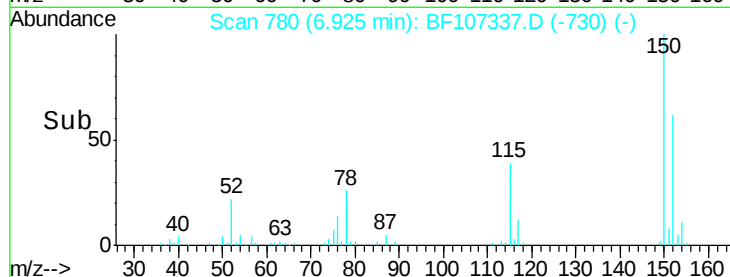
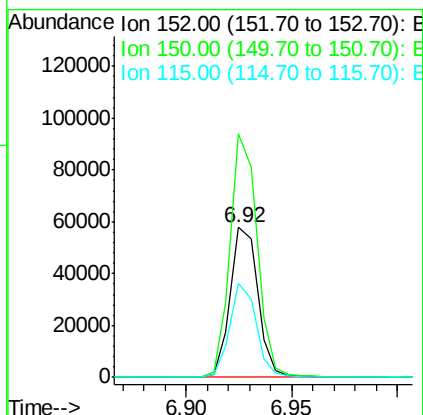
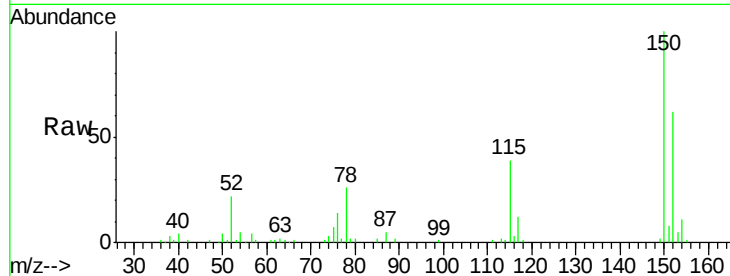




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107337.D
 Acq: 12 Jul 2018 14:30

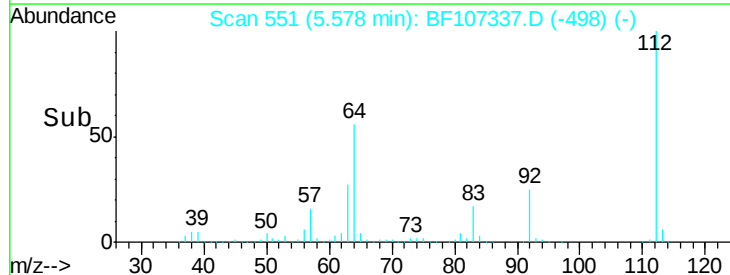
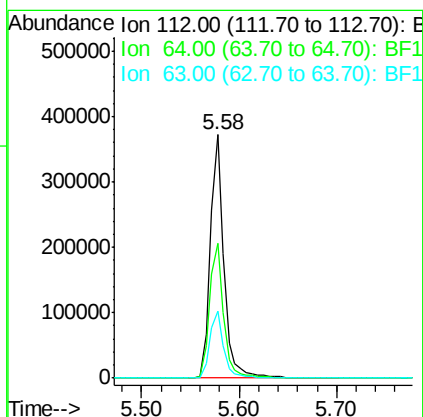
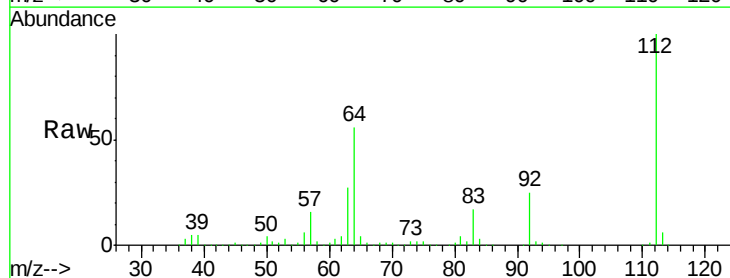
Instrument :
 BNA_F
 ClientSampleId :
 PB110949BL

Tgt Ion:152 Resp: 52425
 Ion Ratio Lower Upper
 152 100
 150 162.5 124.6 186.8
 115 62.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 116.573 ng
 RT: 5.58 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF107337.D
 Acq: 12 Jul 2018 14:30

Tgt Ion:112 Resp: 360909
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.9 71.9
 63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 114.584 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107337.D

Acq: 12 Jul 2018 14:30

Instrument :

BNA_F

ClientSampleId :

PB110949BL

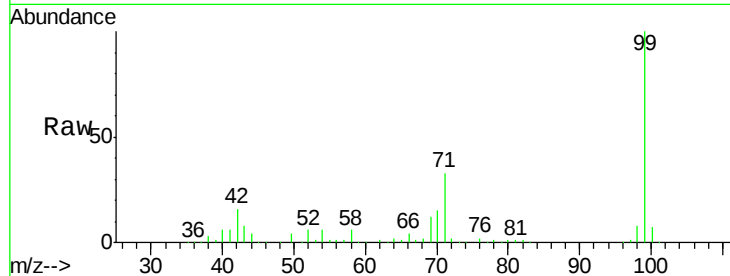
Tgt Ion: 99 Resp: 443016

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

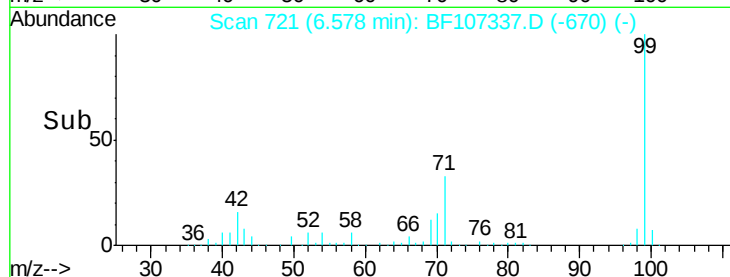
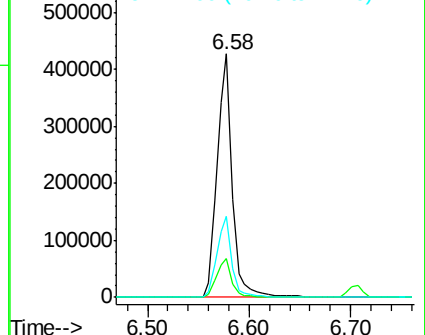
71 33.4 25.4 38.0



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: 14.338 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107337.D

Acq: 12 Jul 2018 14:30

Tgt Ion: 70 Resp: 36540

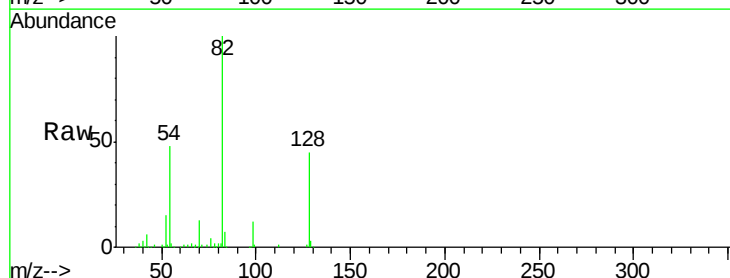
Ion Ratio Lower Upper

70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

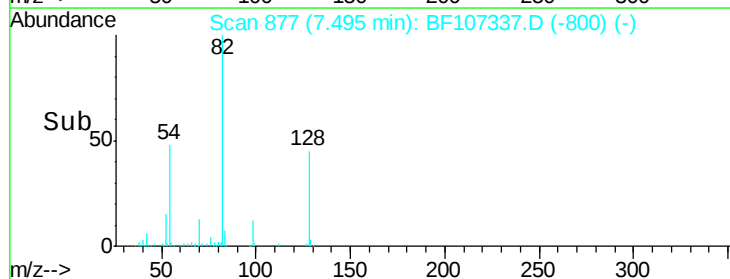
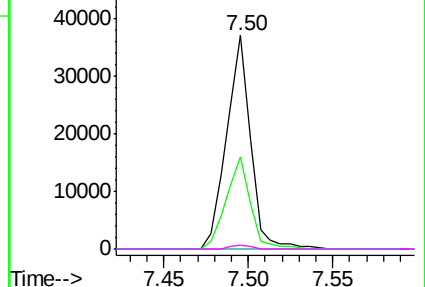


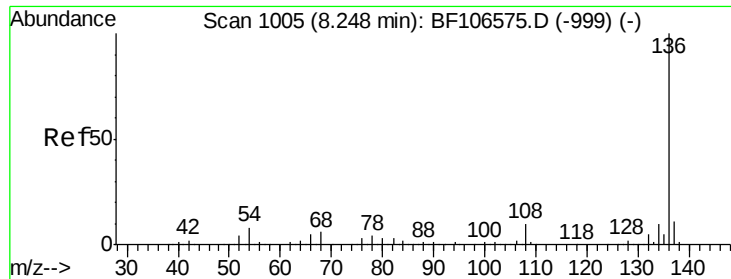
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

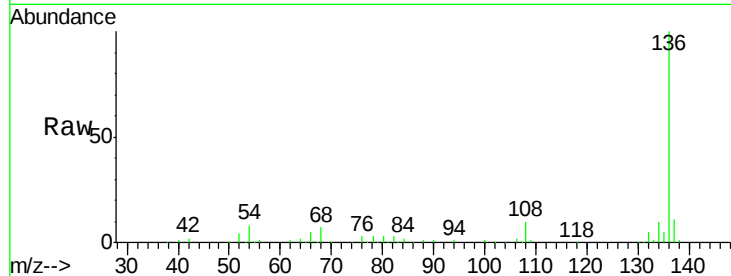




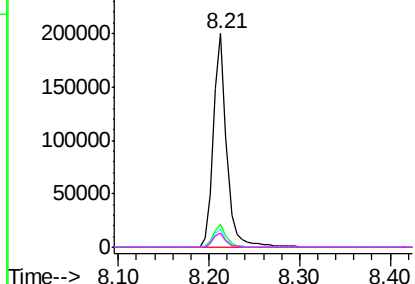
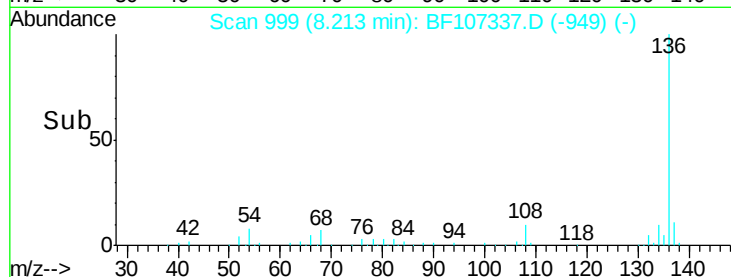
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107337.D
Acq: 12 Jul 2018 14:30

Instrument :
BNA_F
ClientSampleId :
PB110949BL

Tgt Ion:	136	Resp:	205579
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

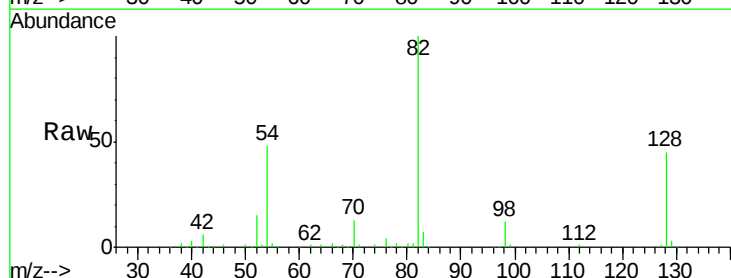


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

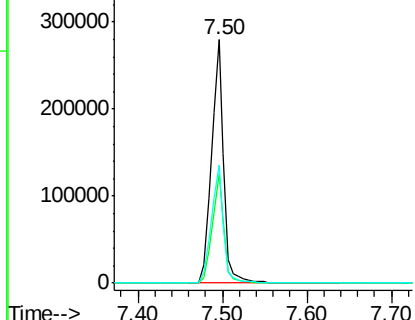
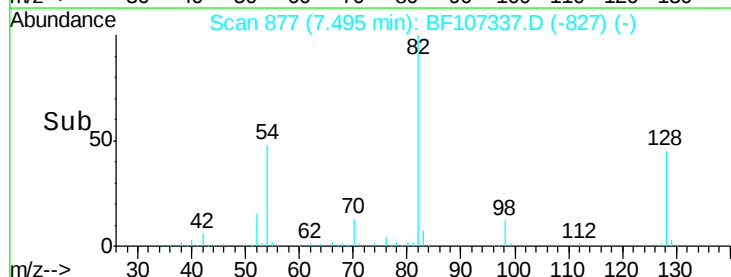


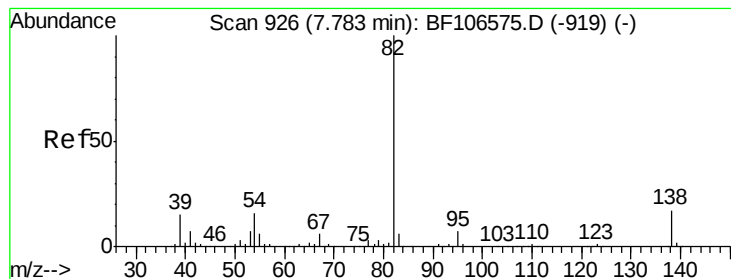
#23
Nitrobenzene-d5
Concen: 77.610 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107337.D
Acq: 12 Jul 2018 14:30

Tgt Ion:	82	Resp:	287096
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	48.4	41.4	62.2



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





#25

Isophorone

Concen: 44.042 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107337.D

Acq: 12 Jul 2018 14:30

Instrument :

BNA_F

ClientSampleId :

PB110949BL

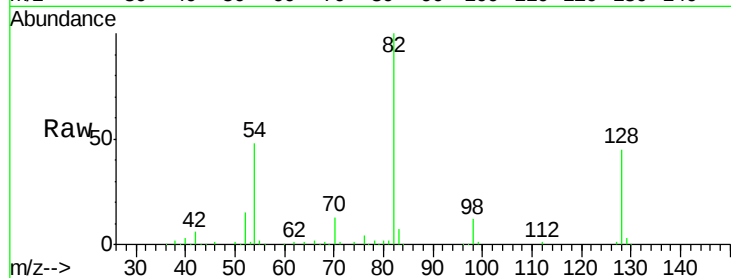
Tgt Ion: 82 Resp: 287094

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

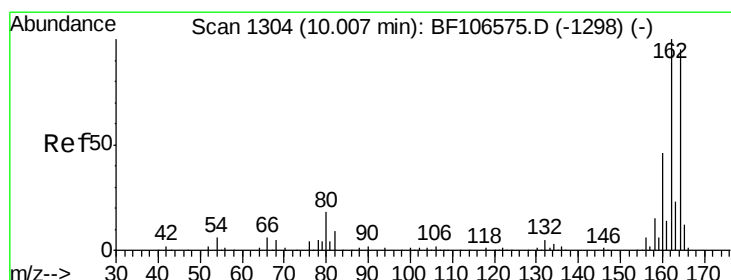
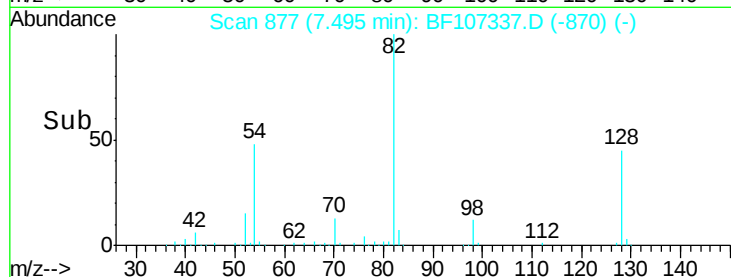
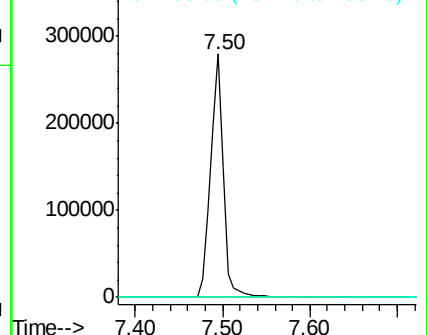
138 0.0 14.9 22.3#



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: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107337.D

Acq: 12 Jul 2018 14:30

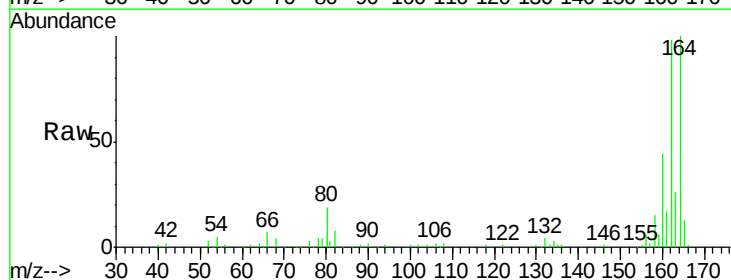
Tgt Ion: 164 Resp: 108150

Ion Ratio Lower Upper

164 100

162 97.7 86.1 129.1

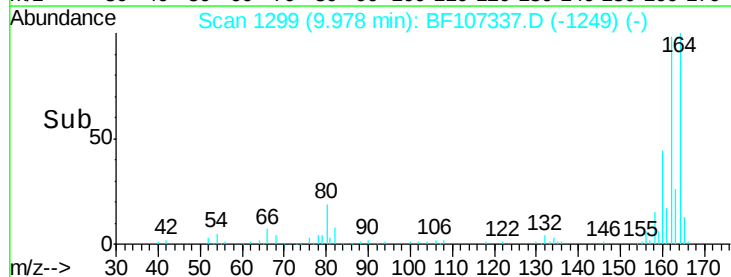
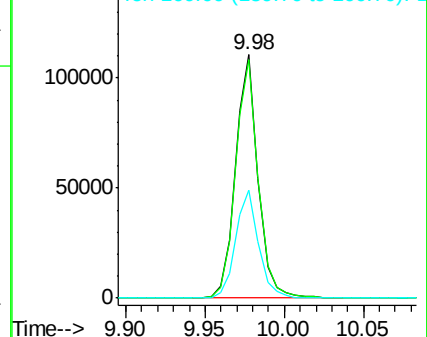
160 44.5 38.3 57.5



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

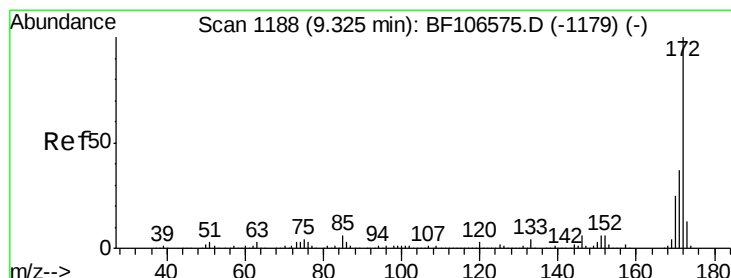
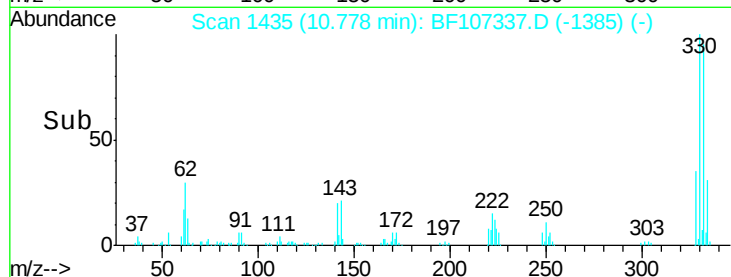
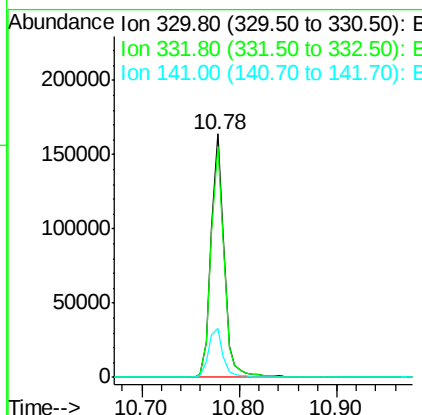
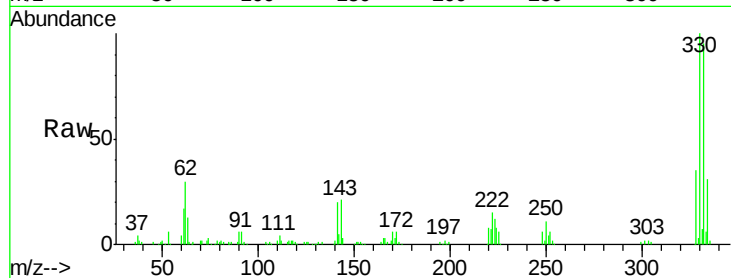




#41
 2,4,6-Tribromophenol
 Concen: 123.141 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107337.D
 Acq: 12 Jul 2018 14:30

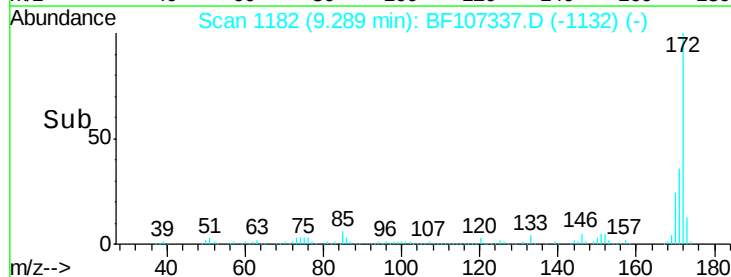
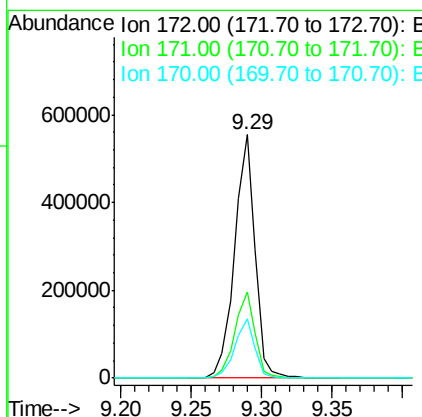
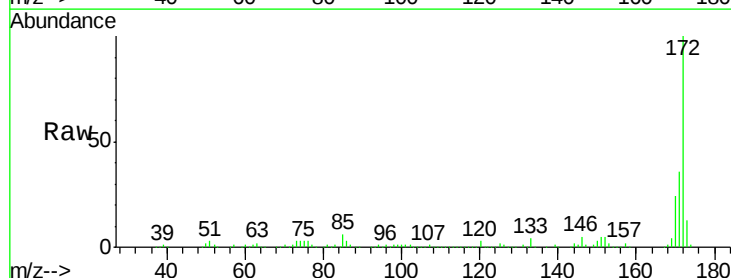
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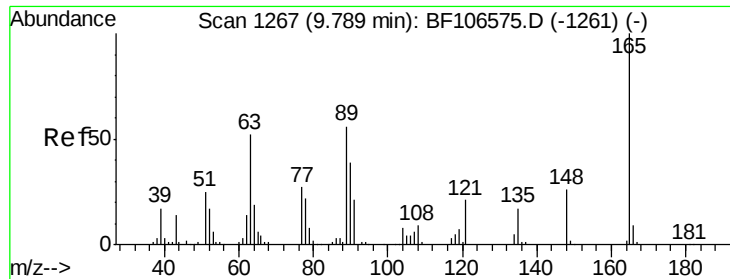
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	22.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 88.280 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107337.D
 Acq: 12 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.1	19.6	29.4

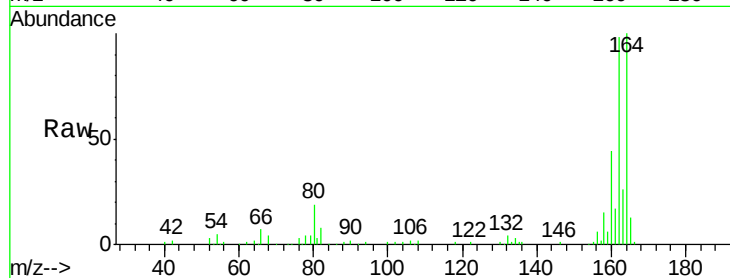




#50
2,6-Dinitrotoluene
Concen: 8.021 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.21 min
Lab File: BF107337.D
Acq: 12 Jul 2018 14:30

Instrument :
BNA_F
ClientSampleId :
PB110949BL

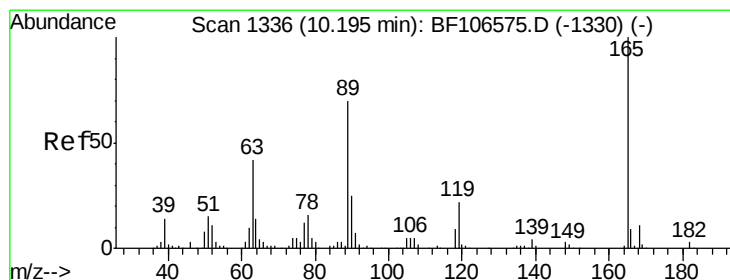
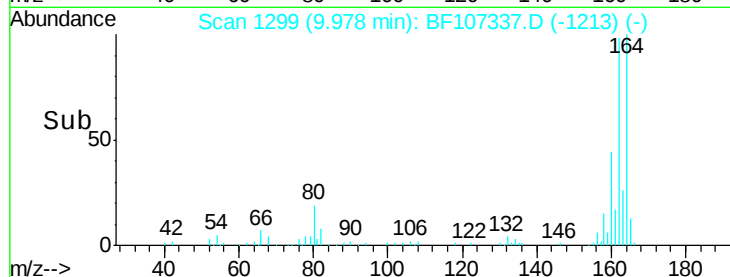
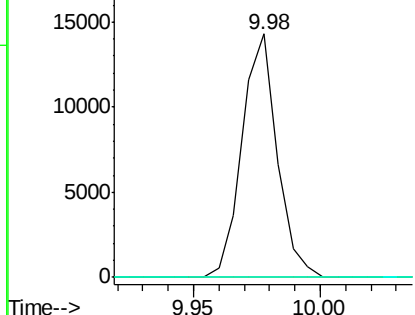
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

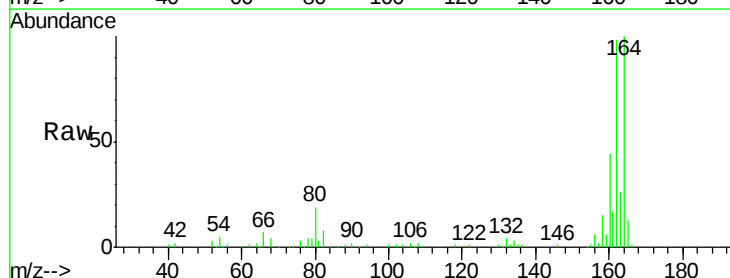
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
2,4-Dinitrotoluene
Concen: 6.145 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107337.D
Acq: 12 Jul 2018 14:30

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#

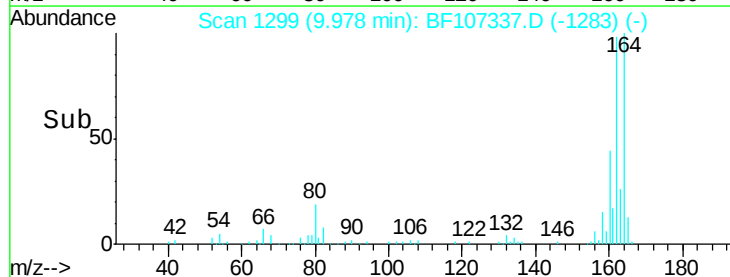
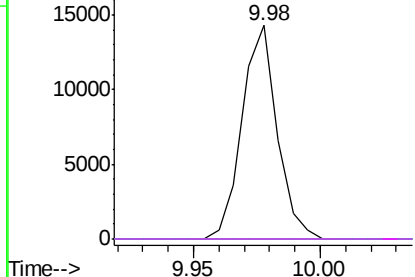


Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF107337.D

Acq: 12 Jul 2018 14:30

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PB110949BL

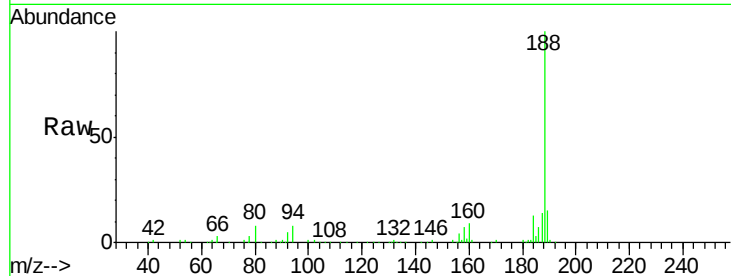
Tgt Ion:188 Resp: 225155

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

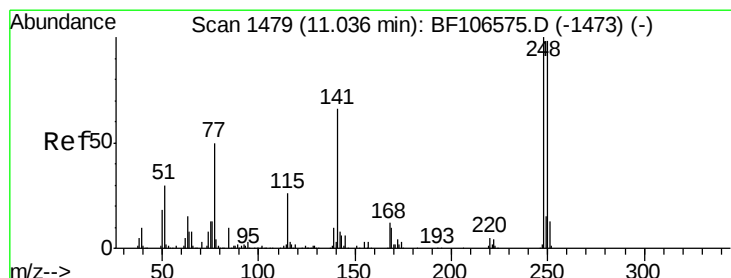
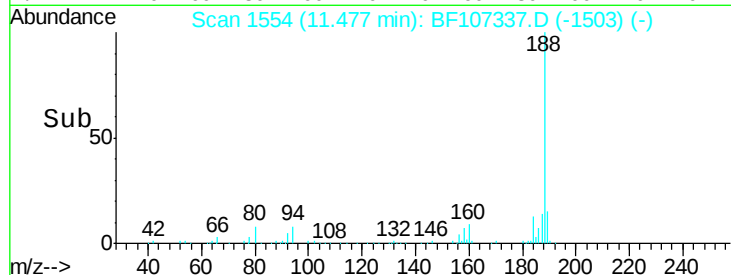
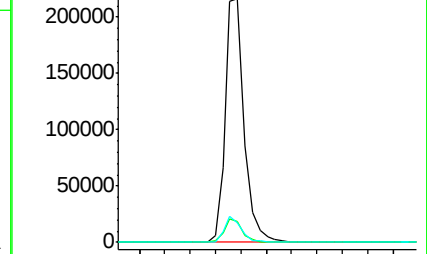
80 8.2 9.2 13.8#



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: 3.404 ng

RT: 10.78 min Scan# 1435

Delta R.T. -0.24 min

Lab File: BF107337.D

Acq: 12 Jul 2018 14:30

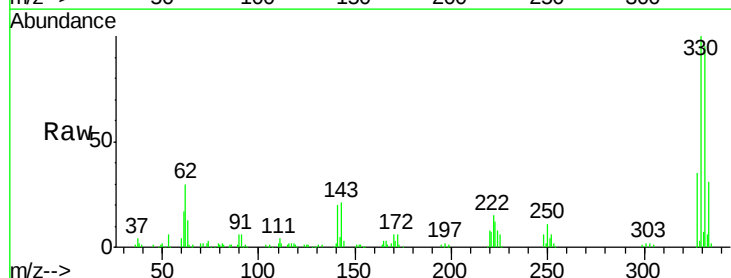
Tgt Ion:248 Resp: 9147

Ion Ratio Lower Upper

248 100

250 192.7 76.9 115.3#

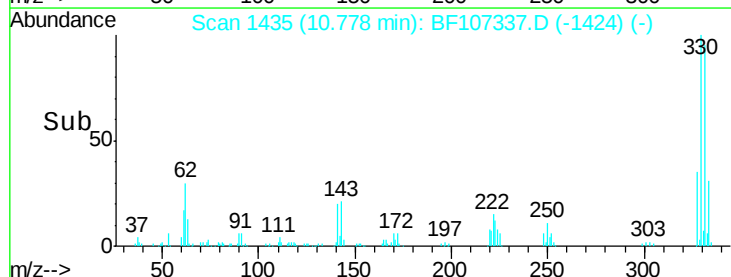
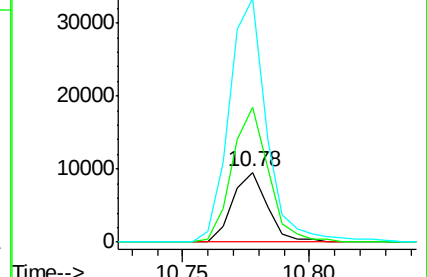
141 347.9 74.4 111.6#

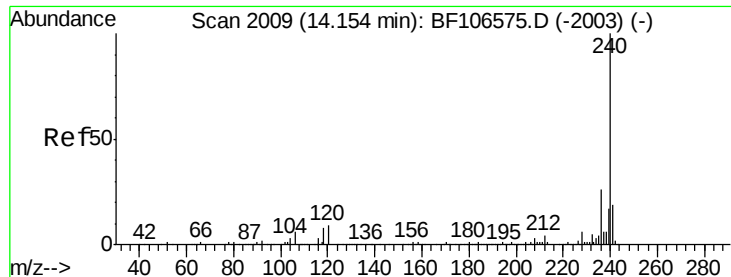


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107337.D

Acq: 12 Jul 2018 14:30

Instrument :

BNA_F

ClientSampleId :

PB110949BL

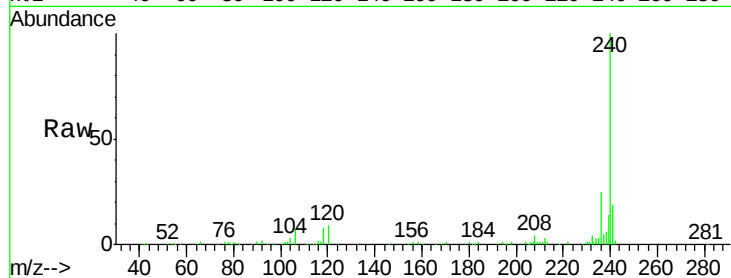
Tgt Ion:240 Resp: 167466

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

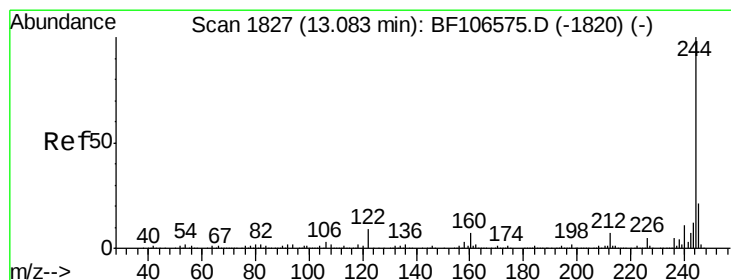
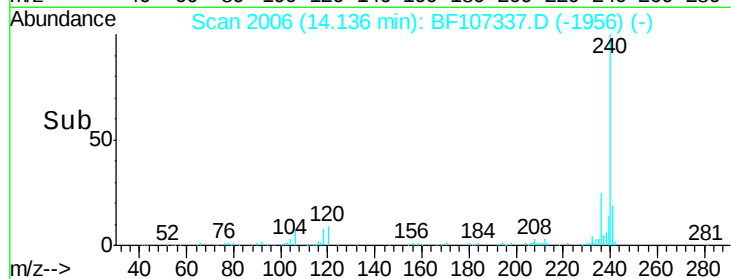
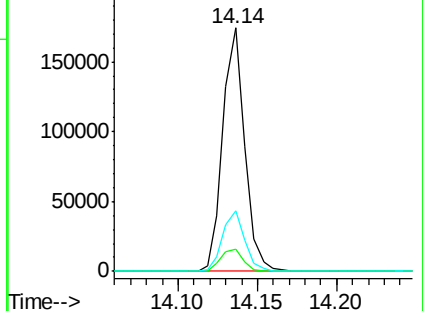
236 25.1 20.7 31.1



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: 97.086 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF107337.D

Acq: 12 Jul 2018 14:30

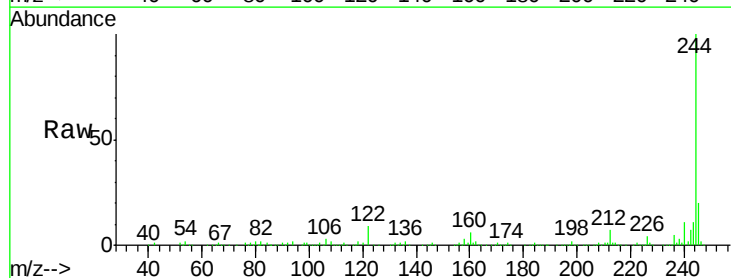
Tgt Ion:244 Resp: 671209

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

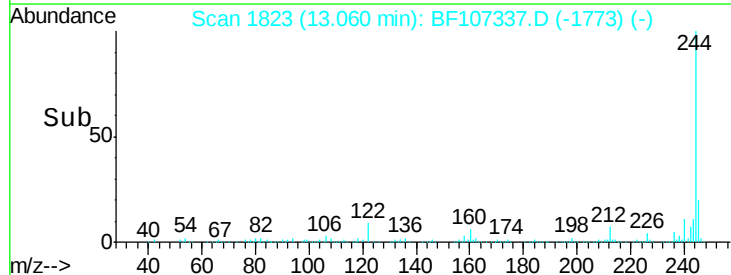
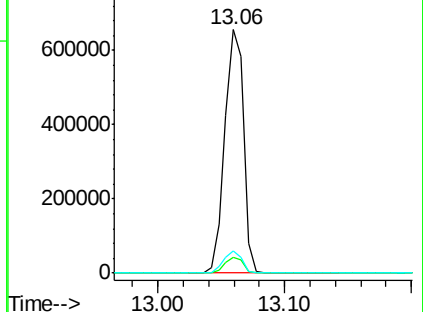
122 9.1 11.0 16.4#

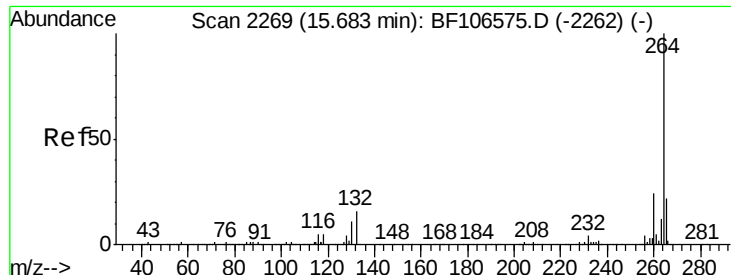


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

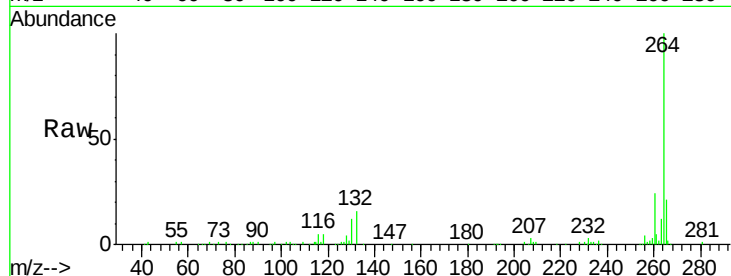




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF107337.D
Acq: 12 Jul 2018 14:30

Instrument :
BNA_F
ClientSampleId :
PB110949BL

Tgt Ion: 264 Resp: 151418
Ion Ratio Lower Upper
264 100
260 23.6 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

