

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106653.D
 Acq On : 21 Jun 2018 11:25
 Operator : JU/SJ
 Sample : PB110418BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BL

Quant Time: Jun 21 14:11:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

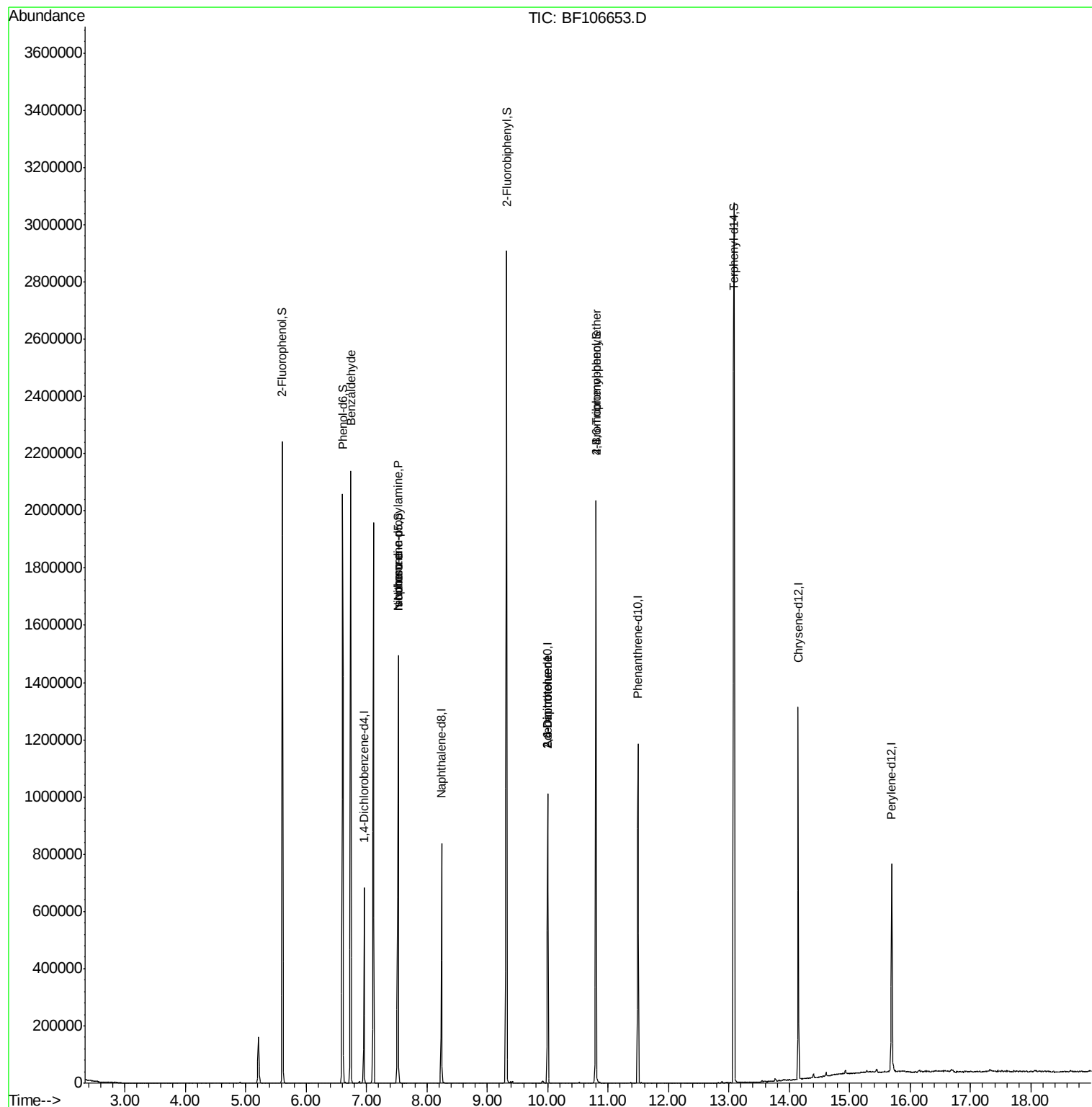
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	94755	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	367233	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	203568	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	443889	20.00	ng	0.00
75) Chrysene-d12	14.15	240	449808	20.00	ng	0.00
86) Perylene-d12	15.69	264	395297	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	659955	117.94	ng	0.00
7) Phenol-d6	6.61	99	848490	121.42	ng	0.00
23) Nitrobenzene-d5	7.52	82	573420	86.78	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	341485	144.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1030010	85.78	ng	0.00
78) Terphenyl-d14	13.08	244	1470126	79.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	15148	2.570	ng	84
19) n-Nitroso-di-n-propylamine	7.52	70	75927	16.483	ng	# 74
25) Isophorone	7.52	82	573411	49.244	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	25467	7.877	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	25467	6.035	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	20241	3.821	ng	# 1

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

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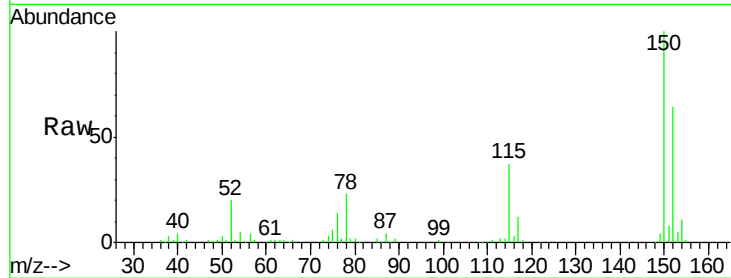




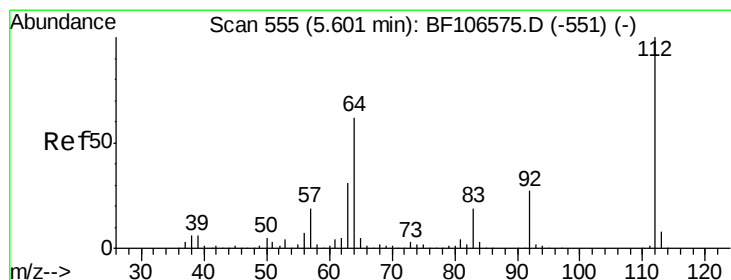
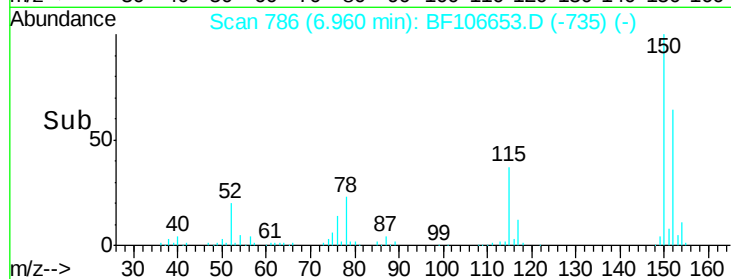
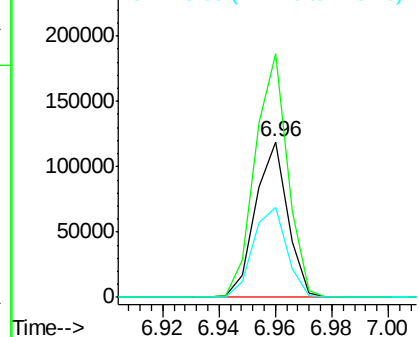
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BL

Tgt Ion:152 Resp: 94755
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 58.3 50.1 75.1

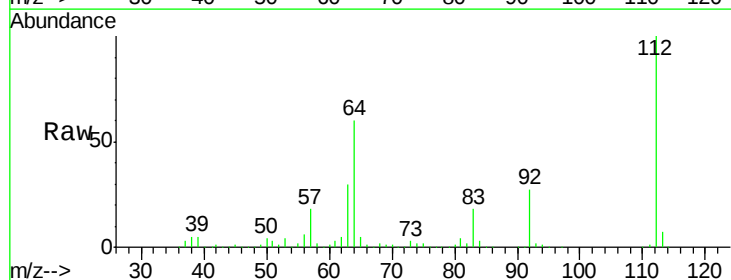


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

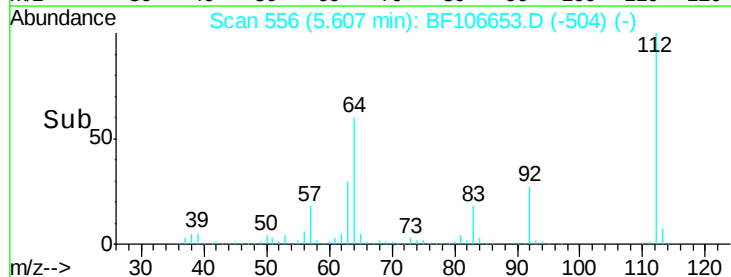
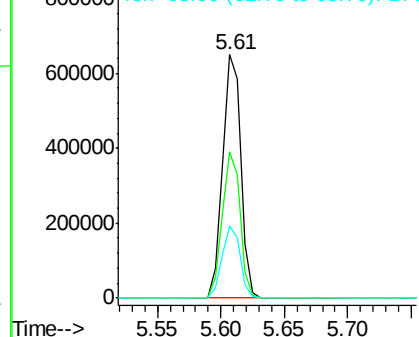


#5
 2-Fluorophenol
 Concen: 117.937 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

Tgt Ion:112 Resp: 659955
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 29.7 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: 121.419 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106653.D

Acq: 21 Jun 2018 11:25

Instrument :

BNA_F

ClientSampleId :

PB110418BL

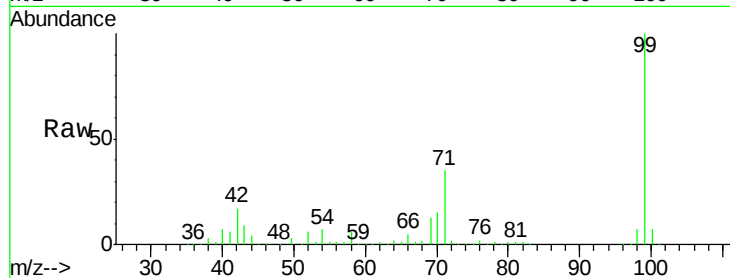
Tgt Ion: 99 Resp: 848490

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

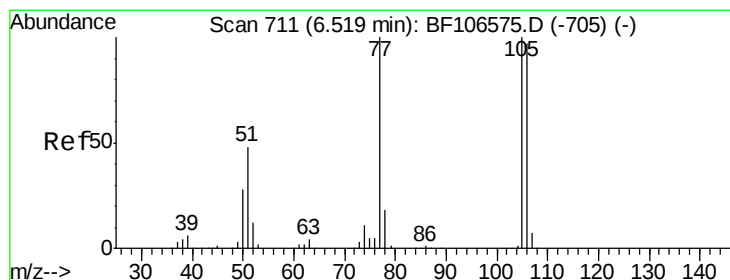
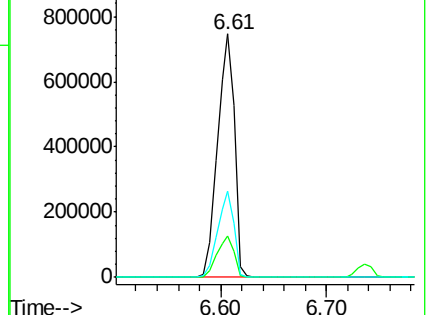
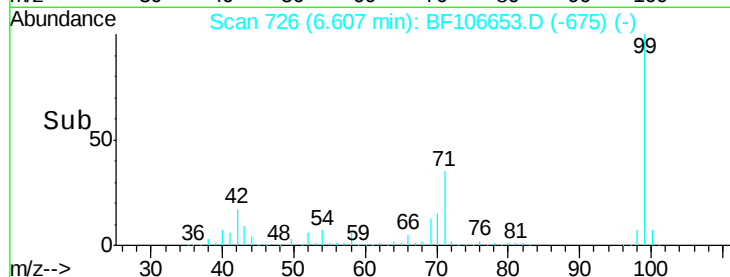
71 35.3 25.4 38.0



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: 2.570 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106653.D

Acq: 21 Jun 2018 11:25

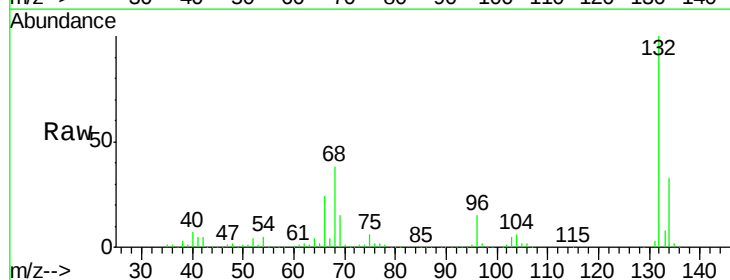
Tgt Ion: 77 Resp: 15148

Ion Ratio Lower Upper

77 100

105 83.8 81.1 121.1

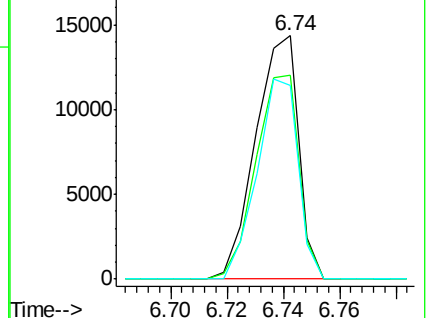
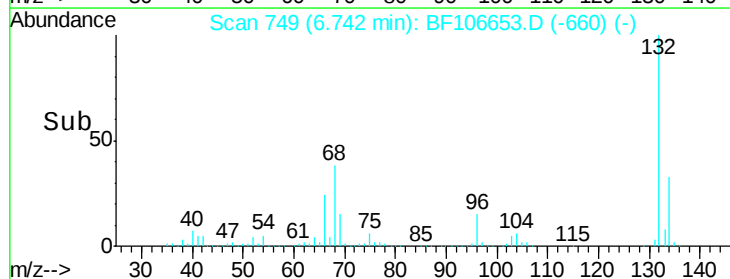
106 79.5 74.5 114.5

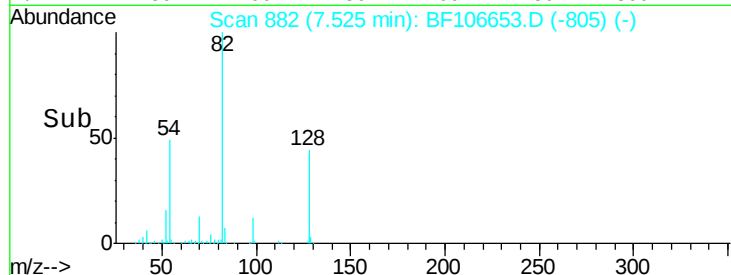
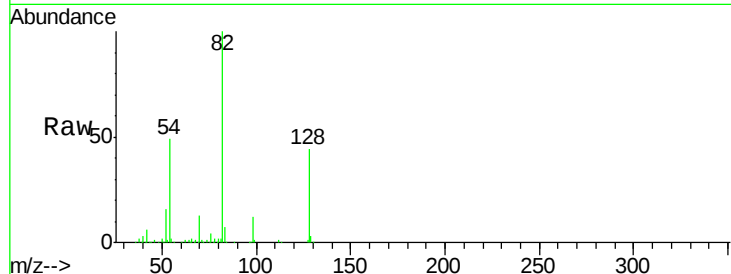
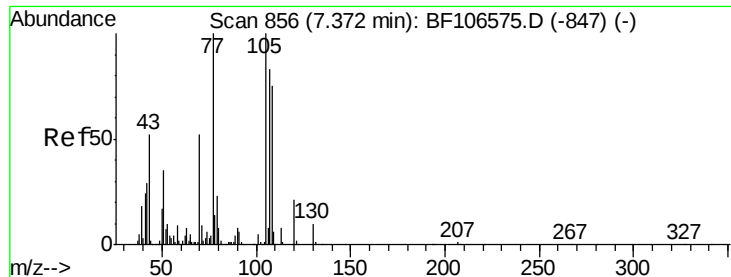


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

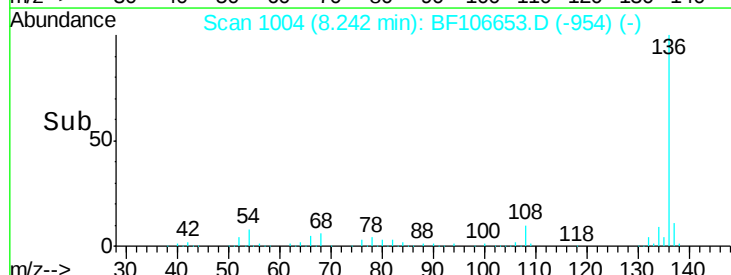
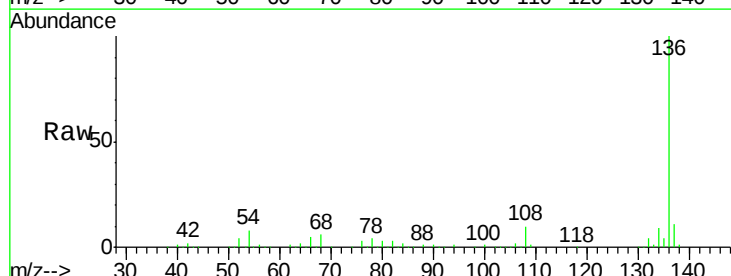
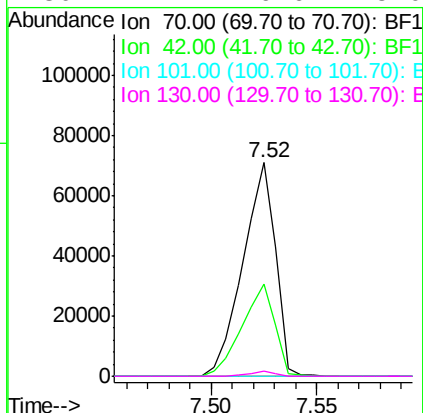




#19
n-Nitroso-di-n-propylamine
Concen: 16.483 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

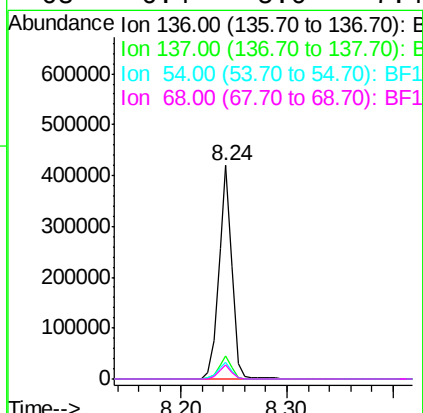
Instrument :
BNA_F
ClientSampleId :
PB110418BL

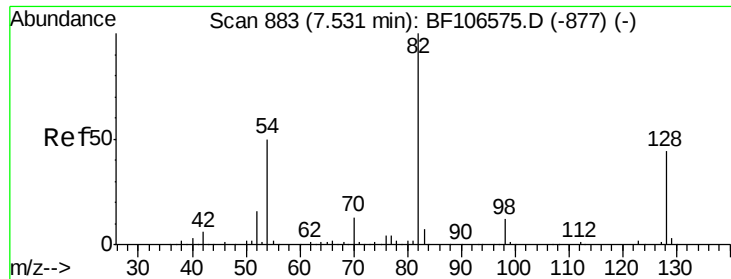
Tgt Ion:	70	Resp:	75927
Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

Tgt Ion:	136	Resp:	367233
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.1	6.6	9.8
68	6.4	5.0	7.4

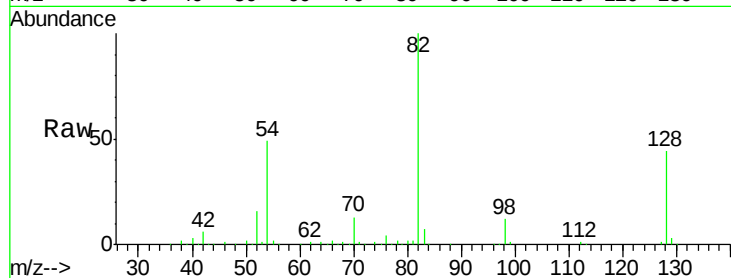




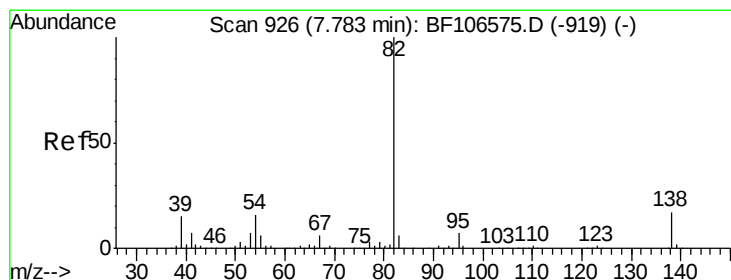
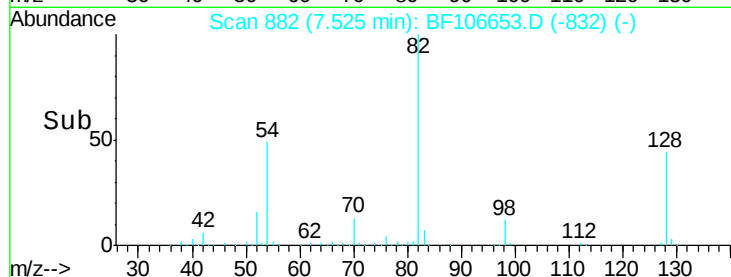
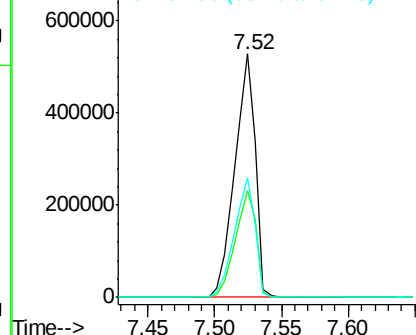
#23
Nitrobenzene-d5
Concen: 86.776 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB110418BL

Tgt Ion: 82 Resp: 573420
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 48.8 41.4 62.2

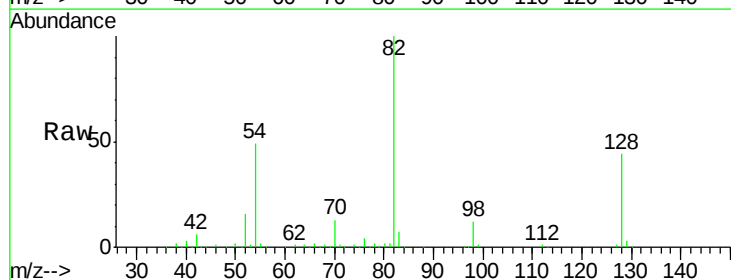


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

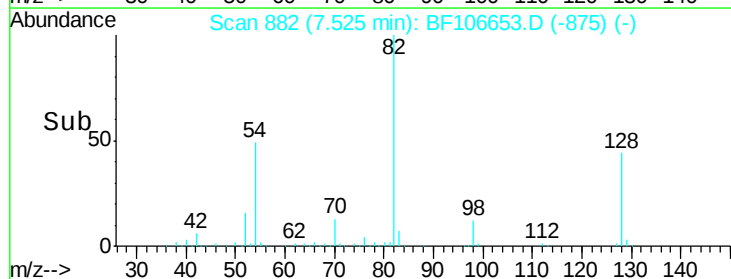
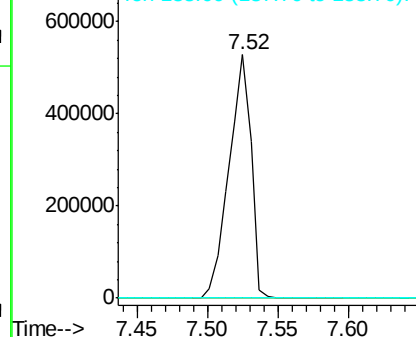


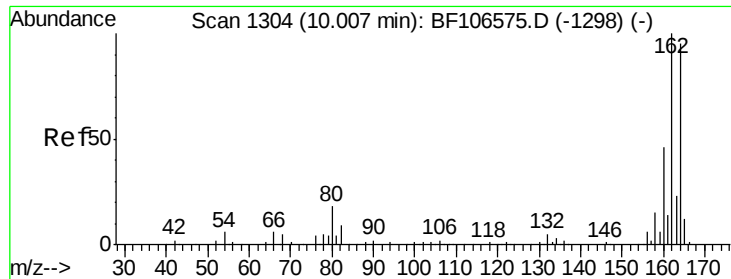
#25
Isophorone
Concen: 49.244 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

Tgt Ion: 82 Resp: 573411
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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106653.D

Acq: 21 Jun 2018 11:25

Instrument :

BNA_F

ClientSampleId :

PB110418BL

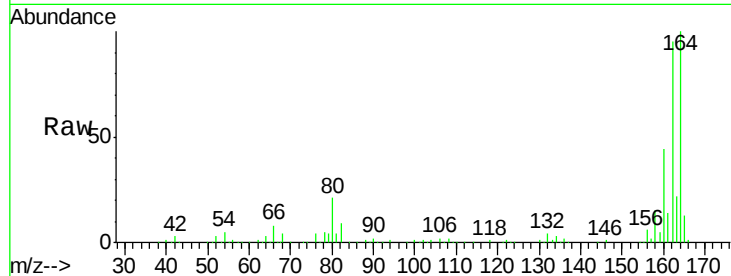
Tgt Ion:164 Resp: 203568

Ion Ratio Lower Upper

164 100

162 95.4 86.1 129.1

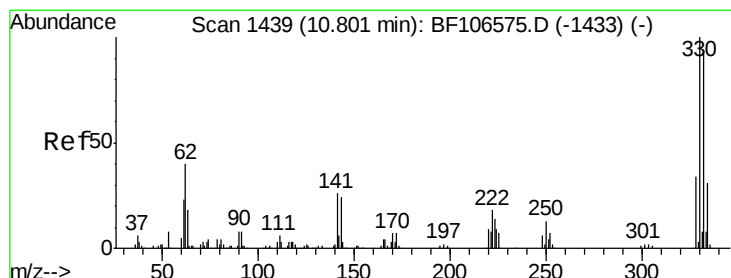
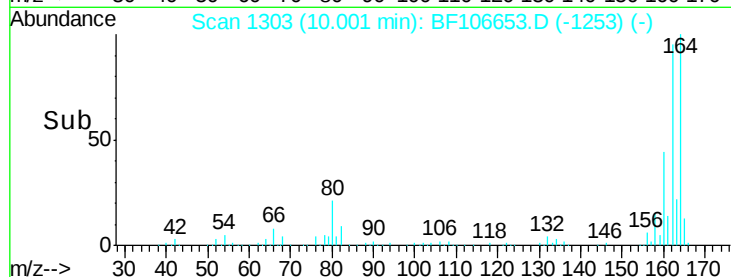
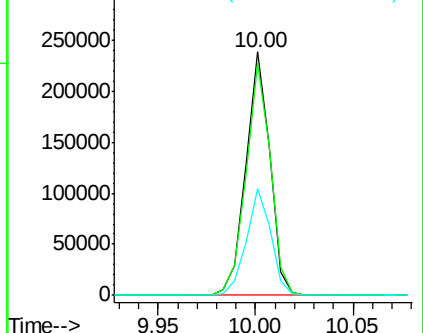
160 43.6 38.3 57.5



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: 144.733 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106653.D

Acq: 21 Jun 2018 11:25

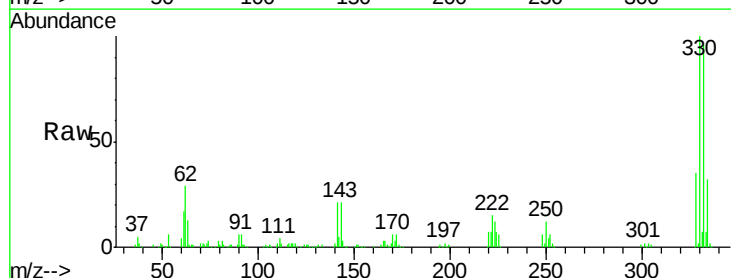
Tgt Ion:330 Resp: 341485

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

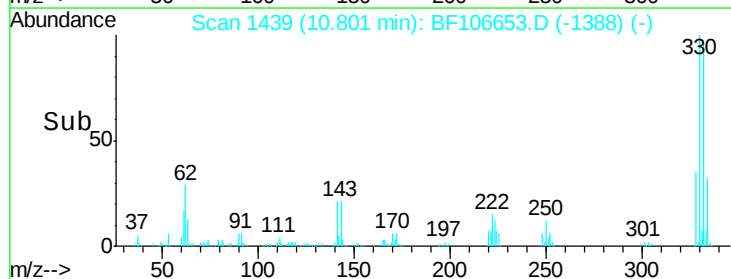
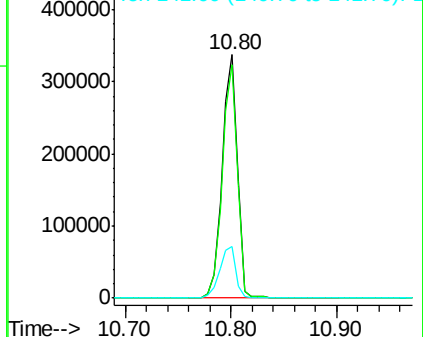
141 22.8 29.9 44.9#

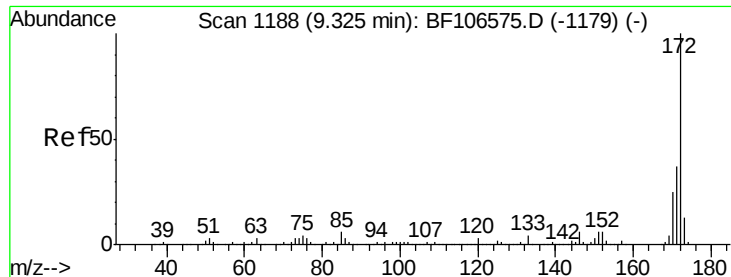


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

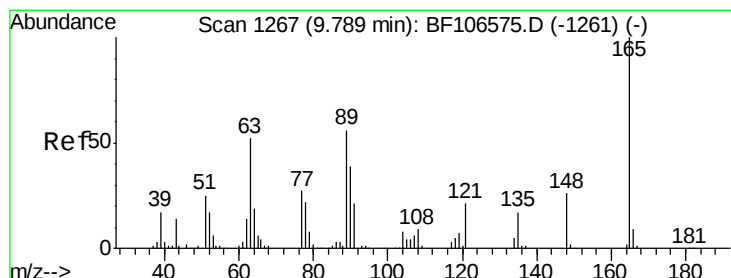
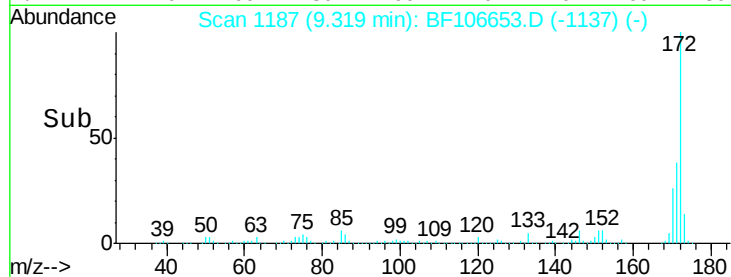
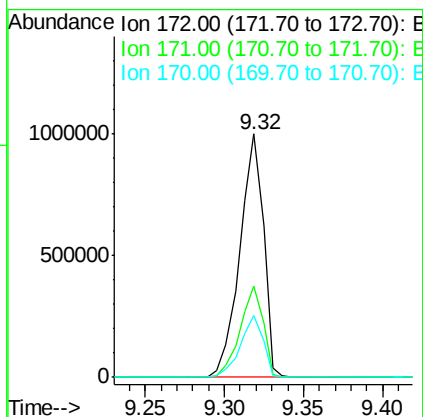
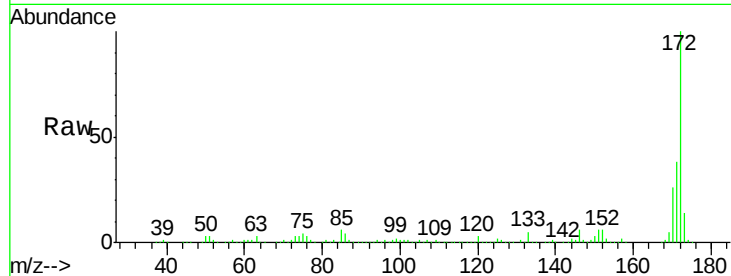




#44
 2-Fluorobiphenyl
 Concen: 85.778 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

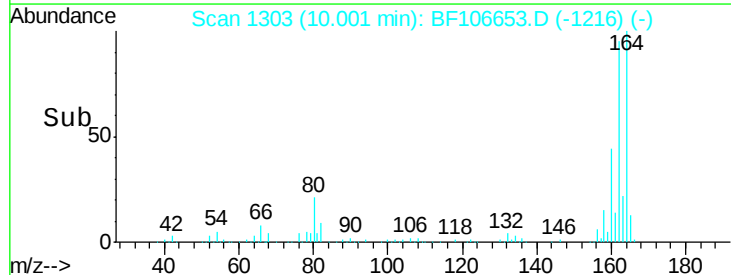
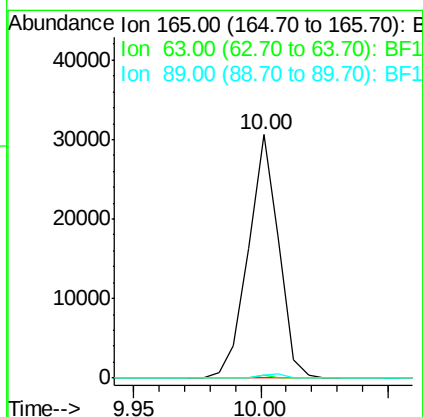
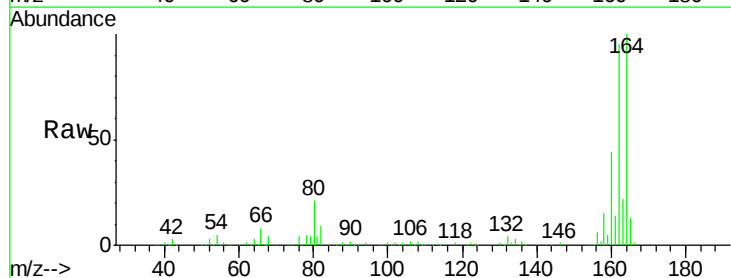
Instrument :
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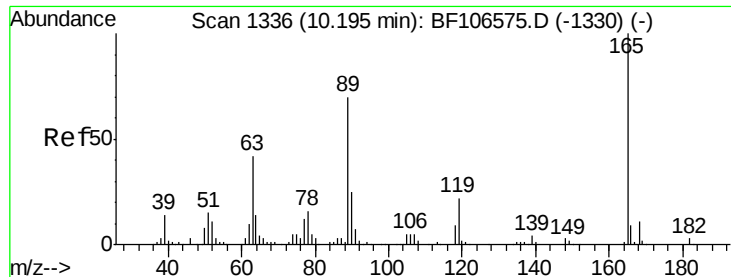
Tgt Ion:172 Resp: 1030010
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.877 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

Tgt Ion:165 Resp: 25467
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 1.2 44.0 66.0#

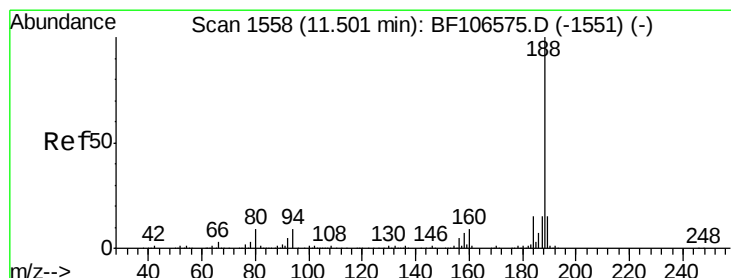
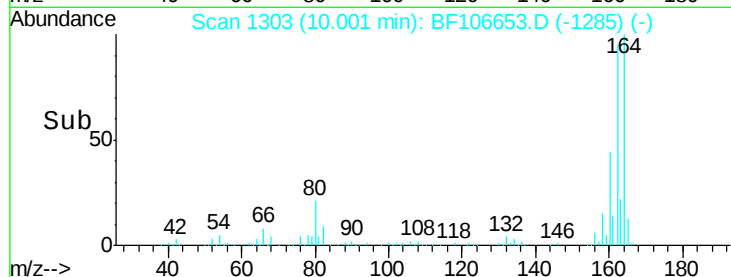
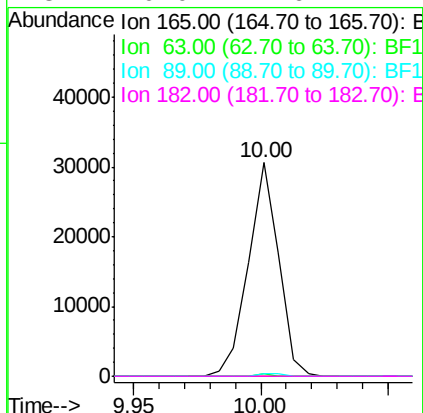
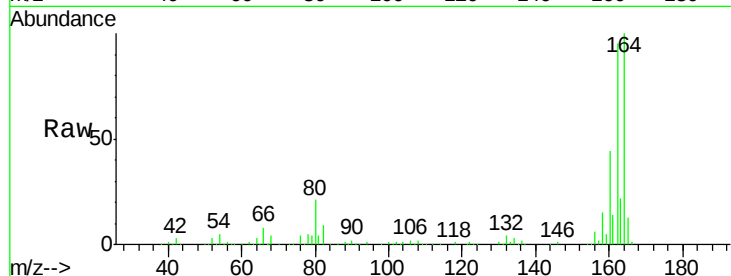




#56
2,4-Dinitrotoluene
Concen: 6.035 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

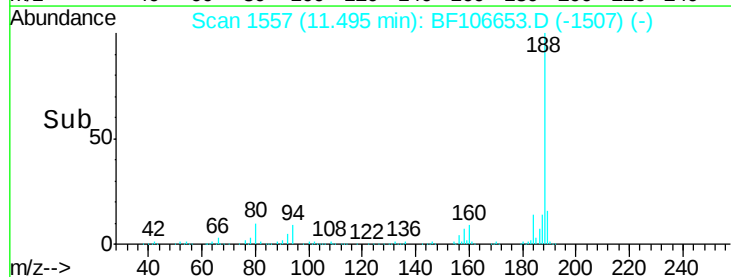
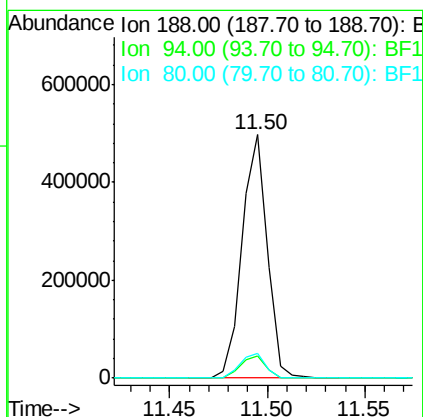
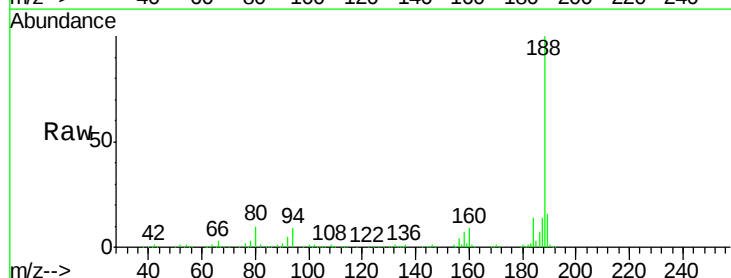
Instrument :
BNA_F
ClientSampleId :
PB110418BL

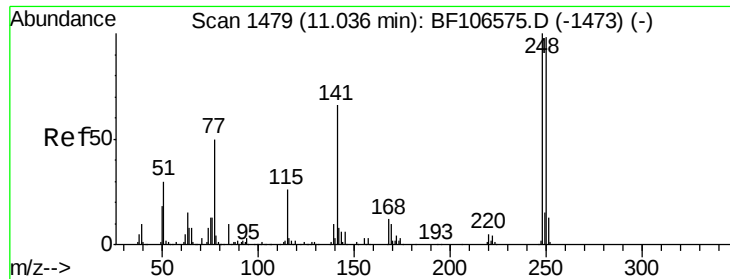
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.0	9.2	13.8

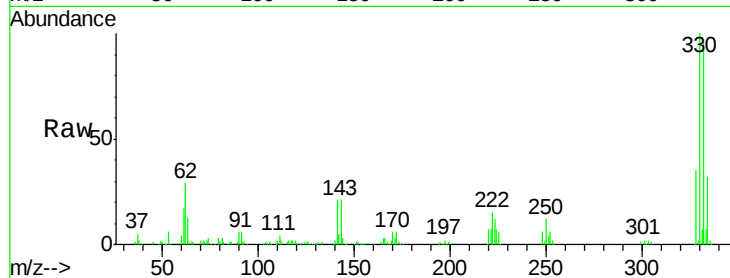




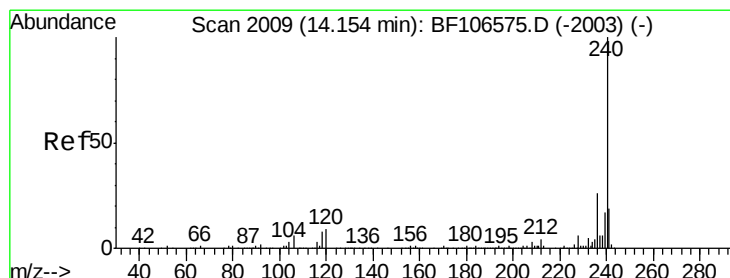
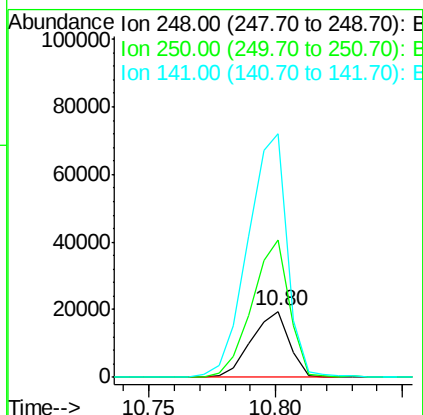
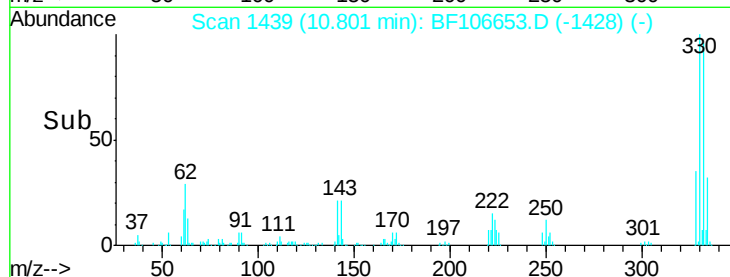
#66
 4-Bromophenyl-phenylether
 Concen: 3.821 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BL

Tgt Ion:248 Resp: 20241
 Ion Ratio Lower Upper
 248 100
 250 207.2 76.9 115.3#
 141 368.4 74.4 111.6#

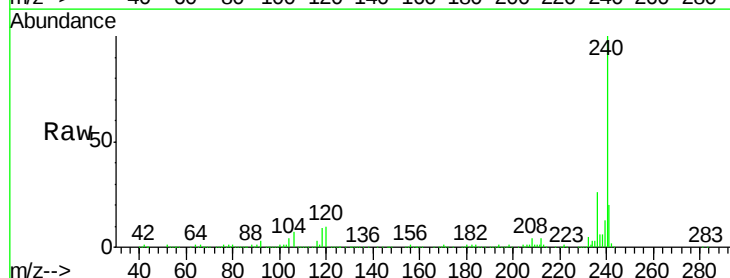


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

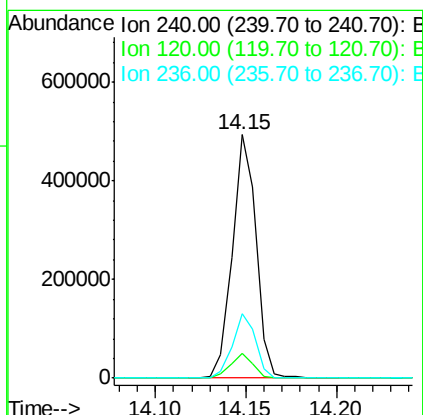
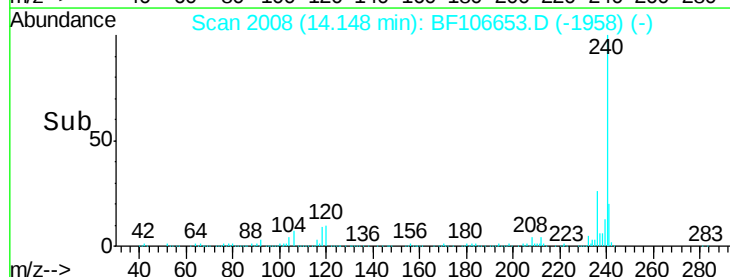


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

Tgt Ion:240 Resp: 449808
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.5 14.3
 236 26.5 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

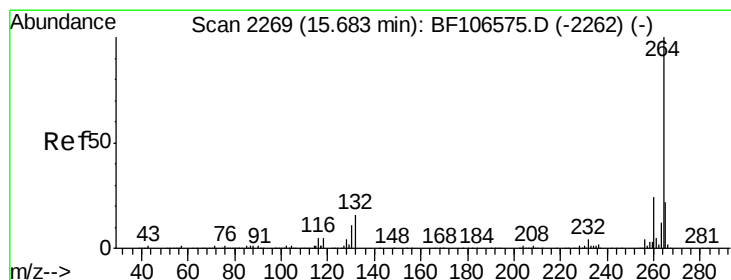
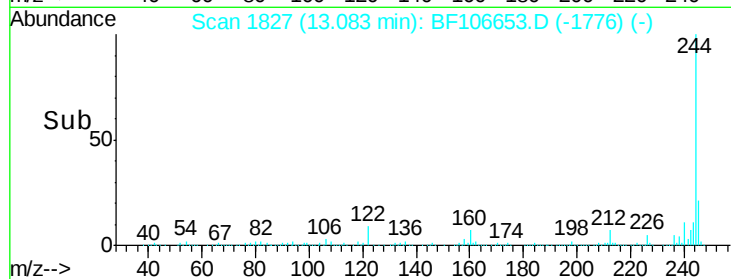
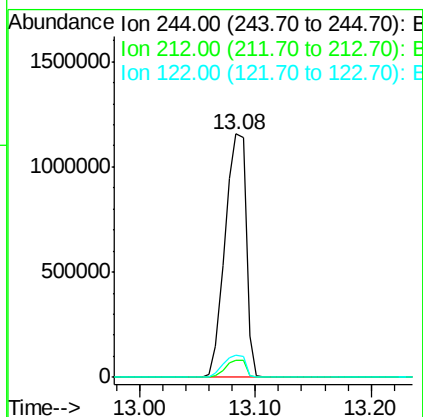
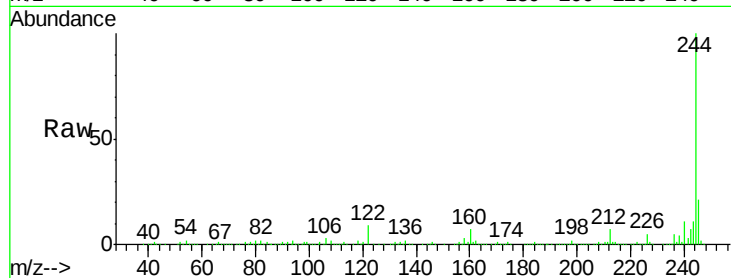




#78
 Terphenyl-d14
 Concen: 79.169 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BL

Tgt Ion:244 Resp: 1470126
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 8.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

Tgt Ion:264 Resp: 395297
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.4 17.5 26.3

