

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106691.D
 Acq On : 22 Jun 2018 4:53
 Operator : JU/SJ
 Sample : J3546-04RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 09:02:36 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

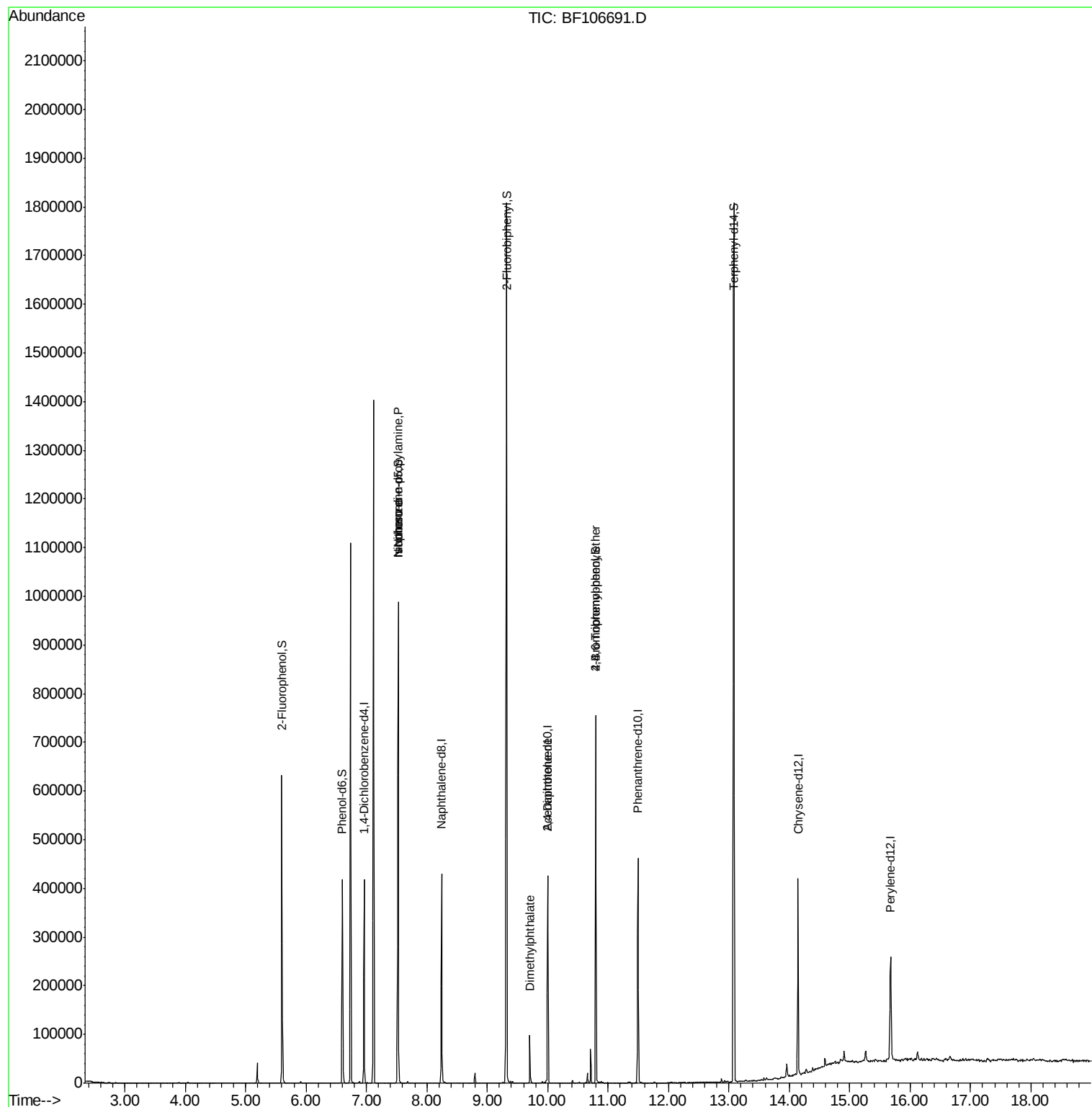
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56731	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	194086	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	84521	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	162504	20.00	ng	0.00
75) Chrysene-d12	14.14	240	141625	20.00	ng	-0.01
86) Perylene-d12	15.68	264	101136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	168236	50.22	ng	0.00
7) Phenol-d6	6.60	99	132640	31.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	357390	102.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	99912	101.99	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	594533	126.21	ng	0.00
78) Terphenyl-d14	13.08	244	706561	120.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	45966	16.667	ng	# 75
25) Isophorone	7.52	82	357387	58.073	ng	# 64
49) Dimethylphthalate	9.71	163	40118	6.329	ng	# 99
56) 2,4-Dinitrotoluene	10.00	165	10725	6.121	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6408	3.304	ng	# 1

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

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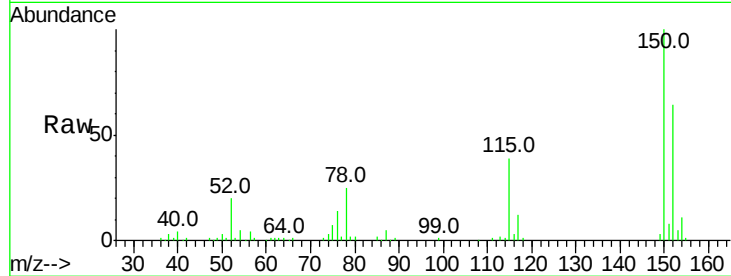


#1

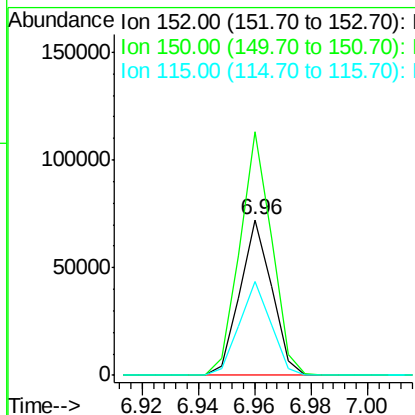
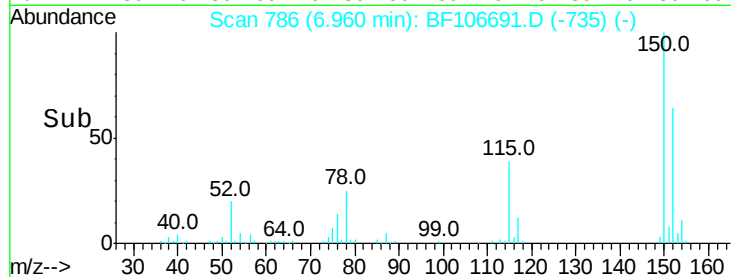
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106691.D
Acq: 22 Jun 2018 4:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56731
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 60.5 50.1 75.1



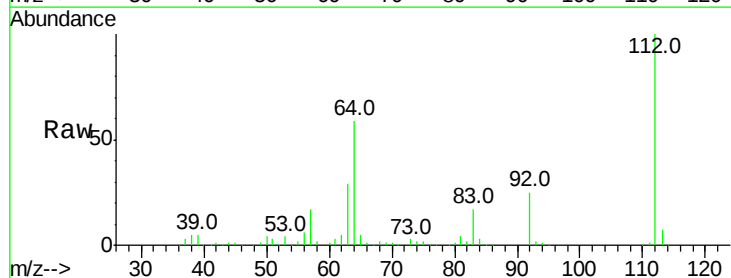
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



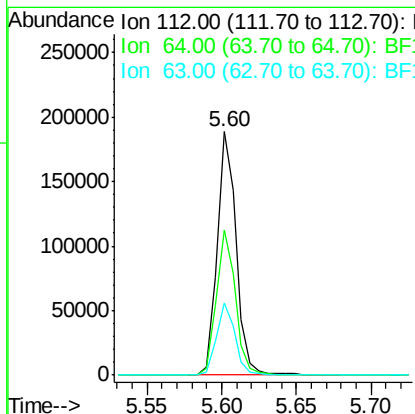
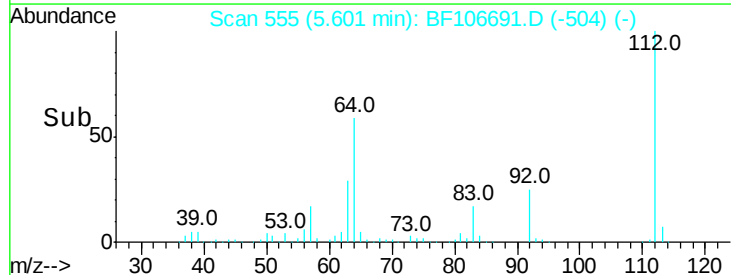
#5

2-Fluorophenol
Concen: 50.215 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106691.D
Acq: 22 Jun 2018 4:53

Tgt Ion:112 Resp: 168236
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 29.5 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: 31.703 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106691.D

Acq: 22 Jun 2018 4:53

Instrument :

BNA_F

ClientSampleId :

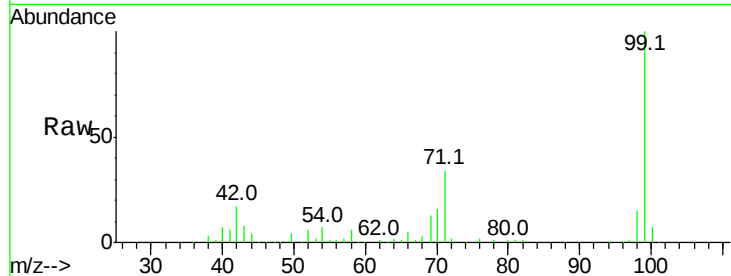
Tot Ion: 99 Resp: 132640

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

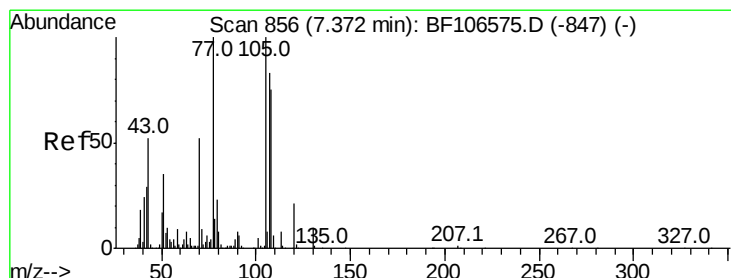
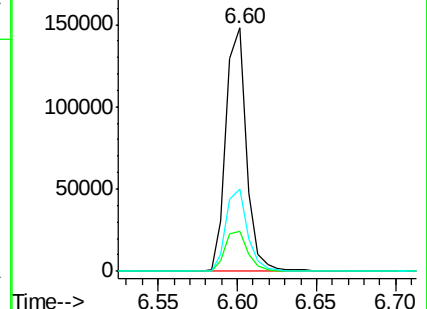
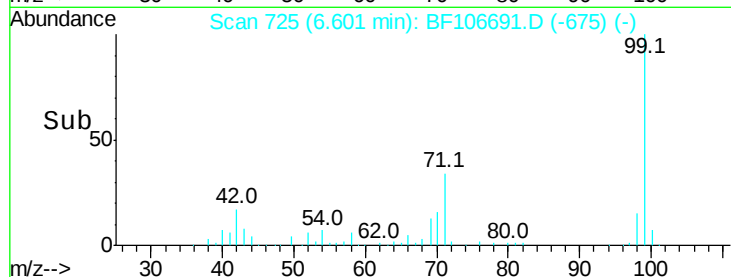
71 33.8 25.4 38.0



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: 16.667 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106691.D

Acq: 22 Jun 2018 4:53

Tgt Ion: 70 Resp: 45966

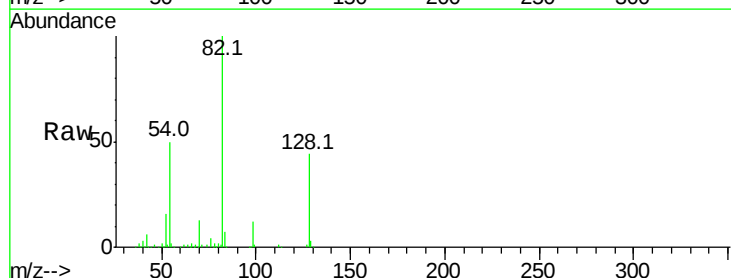
Ion Ratio Lower Upper

70 100

42 44.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

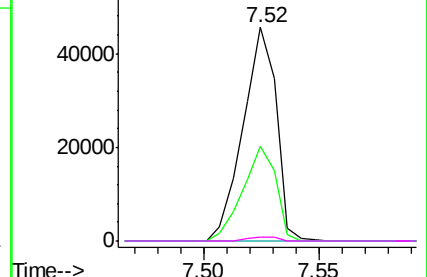
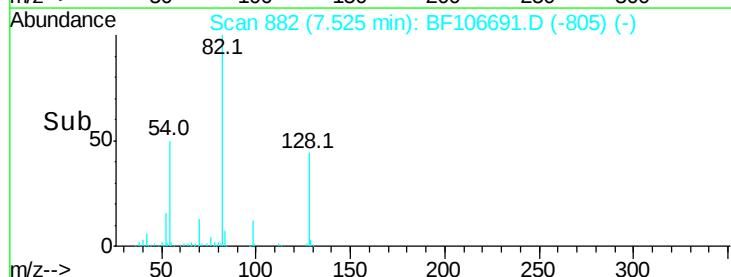


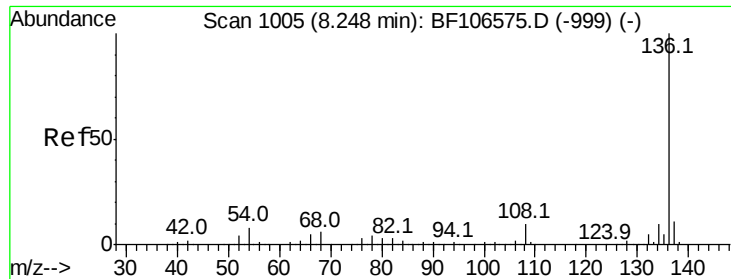
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

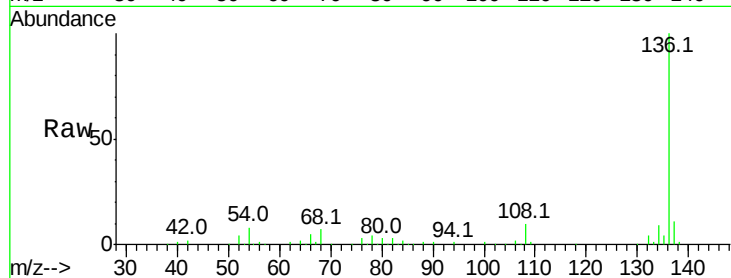




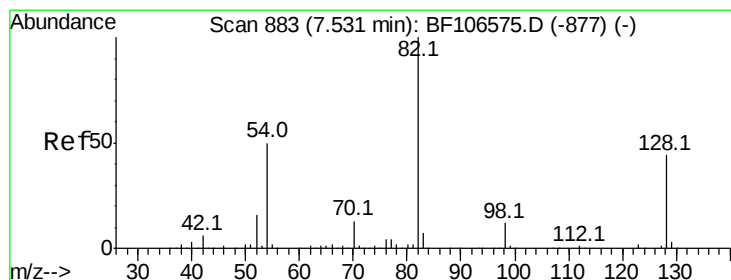
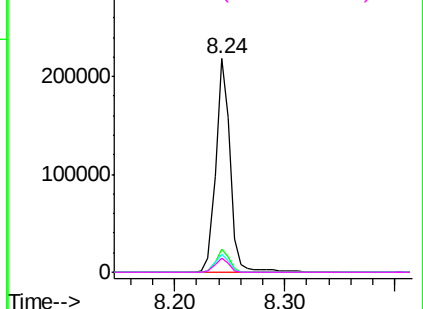
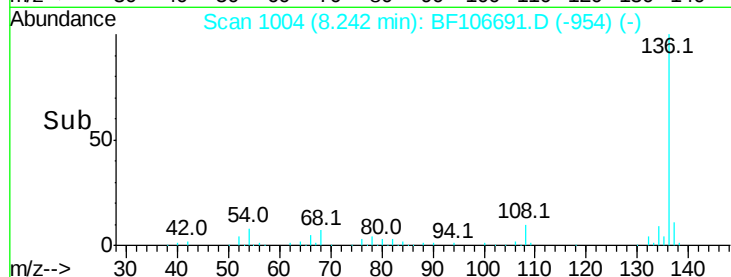
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106691.D
Acq: 22 Jun 2018 4:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	194086
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	6.6	9.8
68	6.8	5.0	7.4

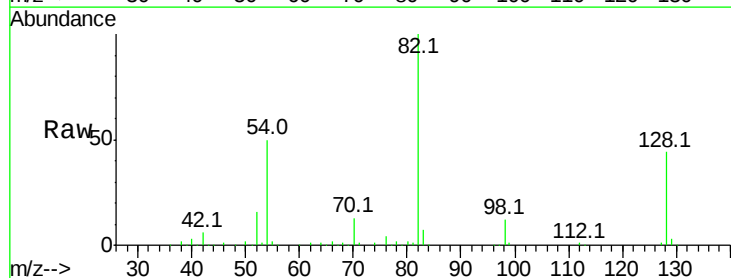


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

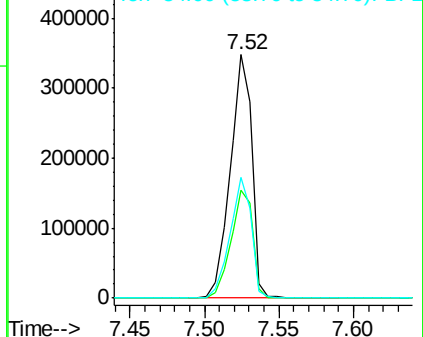
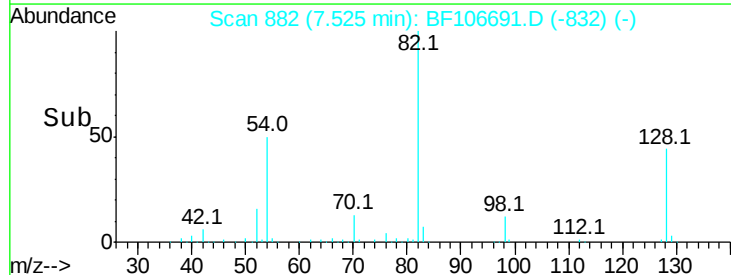


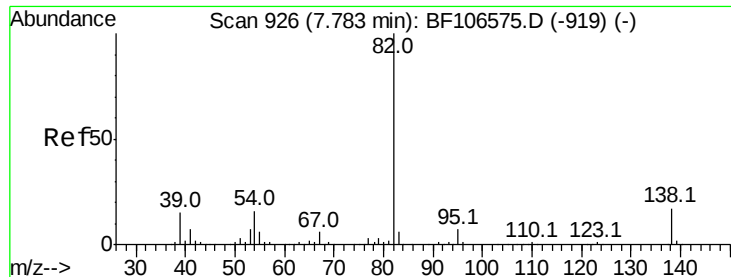
#23
Nitrobenzene-d5
Concen: 102.333 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106691.D
Acq: 22 Jun 2018 4:53

Tgt Ion:	82	Resp:	357390
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	49.5	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: 58.073 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106691.D

Acq: 22 Jun 2018 4:53

Instrument :

BNA_F

ClientSampled :

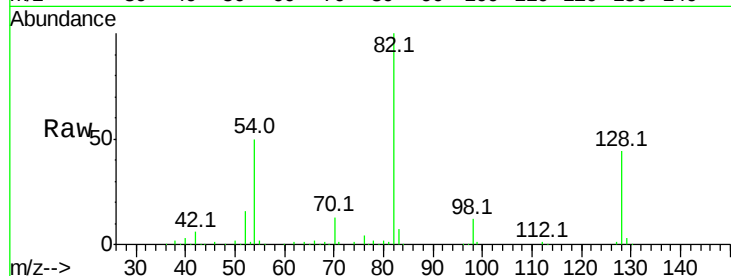
Tot Ion: 82 Resp: 357387

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

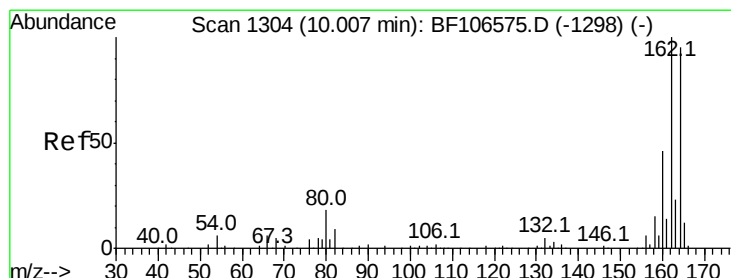
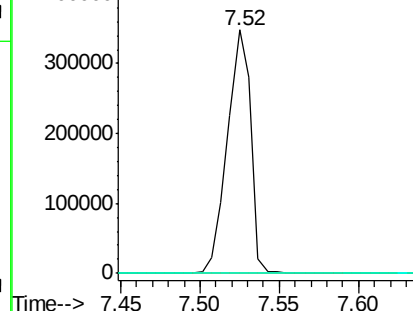
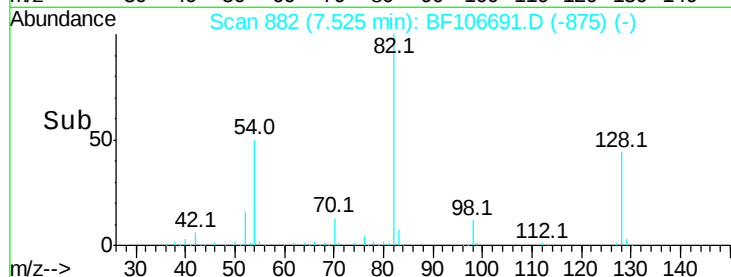
138 0.0 14.9 22.3#



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: BF106691.D

Acq: 22 Jun 2018 4:53

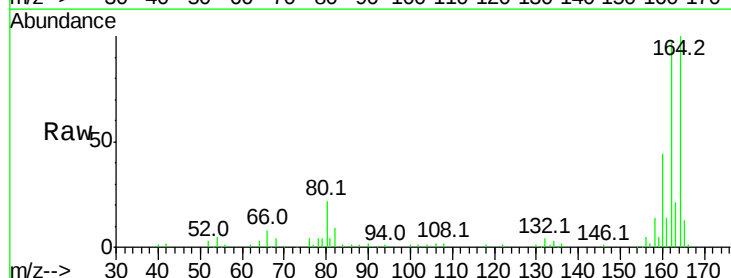
Tgt Ion: 164 Resp: 84521

Ion Ratio Lower Upper

164 100

162 97.3 86.1 129.1

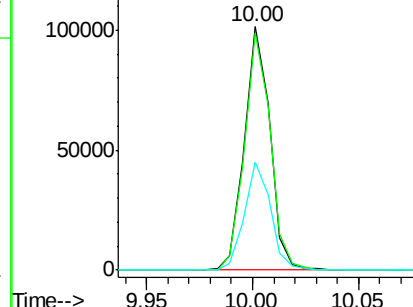
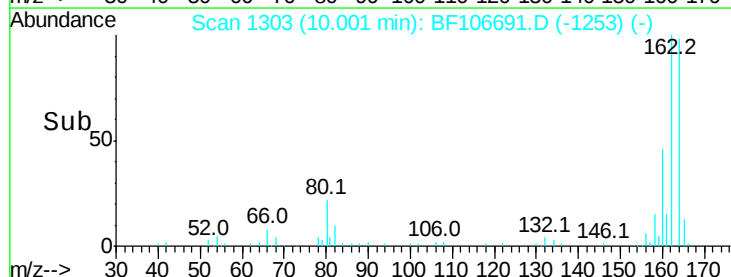
160 44.2 38.3 57.5



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

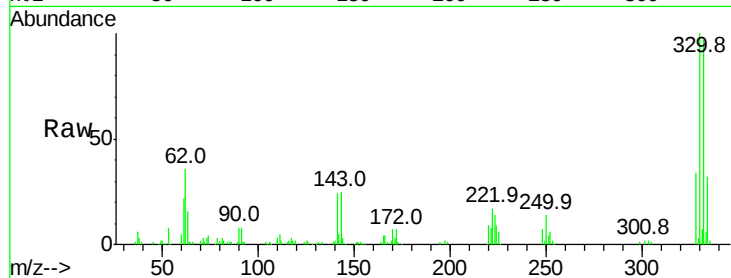




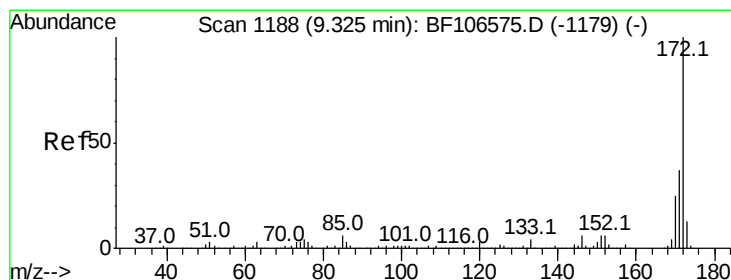
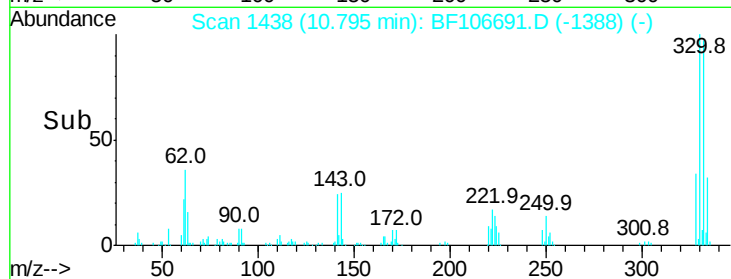
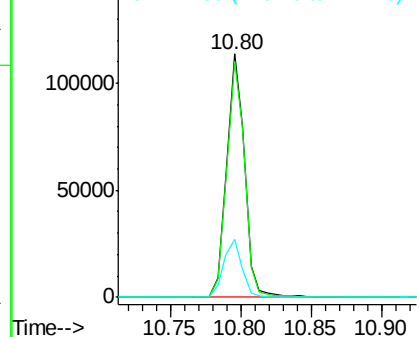
#41
 2,4,6-Tribromophenol
 Concen: 101.990 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106691.D
 Acq: 22 Jun 2018 4:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	24.3	29.9	44.9#

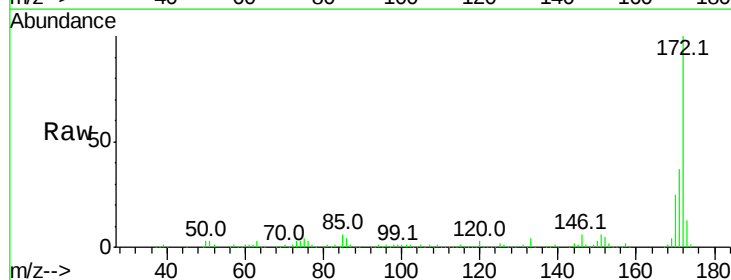


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

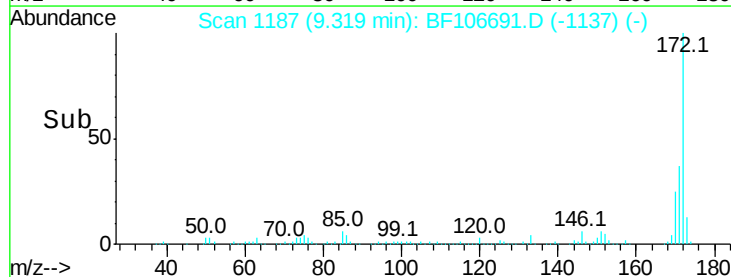
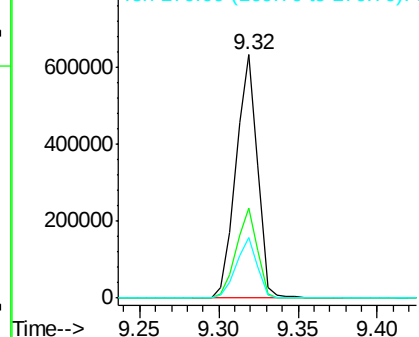


#44
 2-Fluorobiphenyl
 Concen: 126.214 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106691.D
 Acq: 22 Jun 2018 4:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

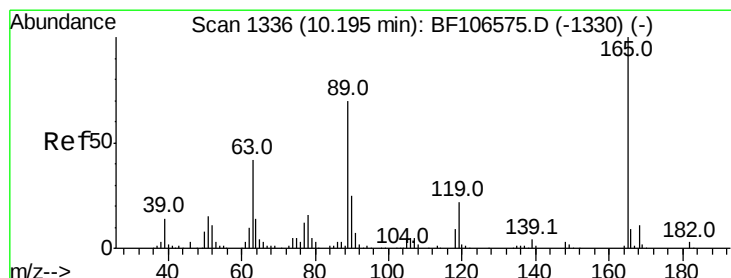
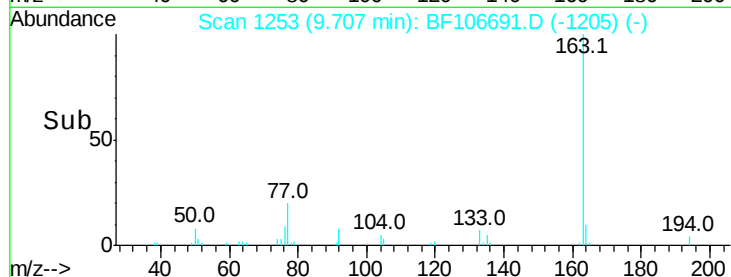
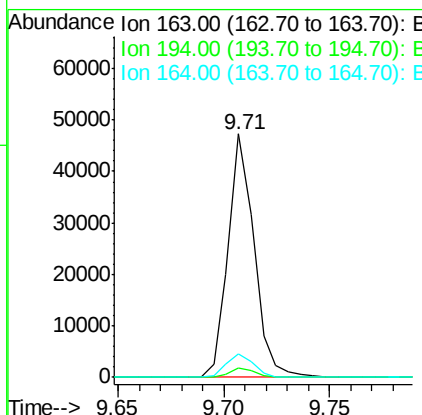
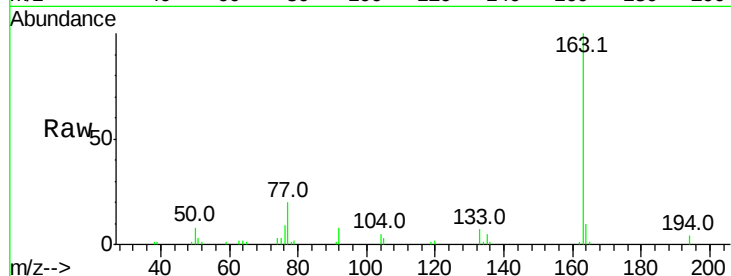




#49
 Dimethylphthalate
 Concen: 6.329 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106691.D
 Acq: 22 Jun 2018 4:53

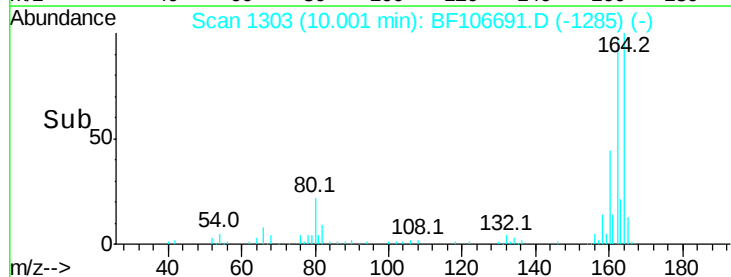
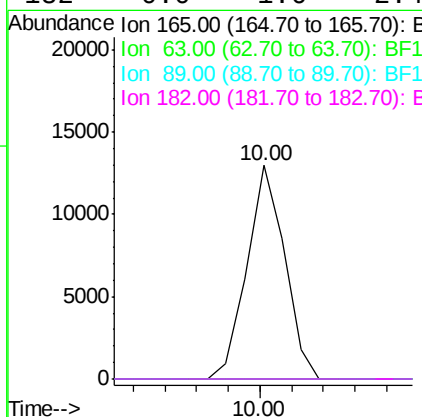
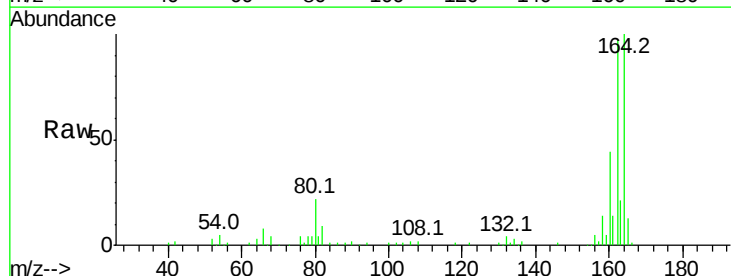
Instrument :
 BNA_F
 ClientSampleId :

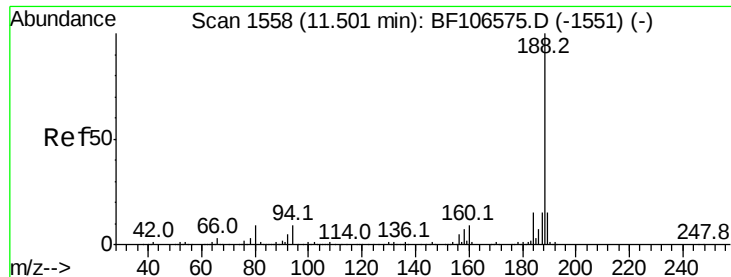
Tot Ion:	163	Resp:	40118
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.121 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106691.D
 Acq: 22 Jun 2018 4:53

Tgt Ion:	165	Resp:	10725
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: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106691.D

Acq: 22 Jun 2018 4:53

Instrument :

BNA_F

ClientSampleId :

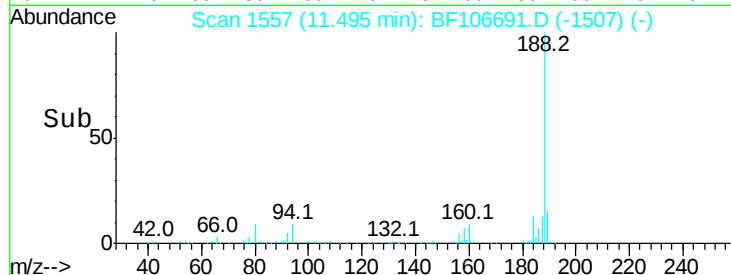
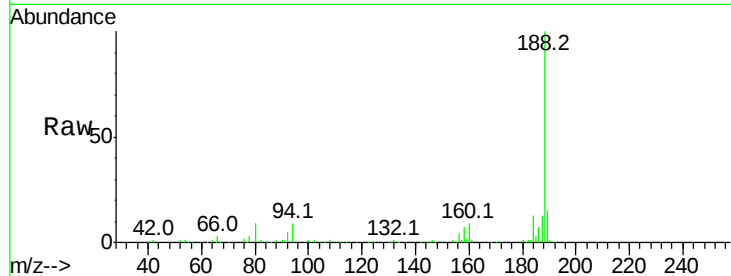
Tot Ion:188 Resp: 162504

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

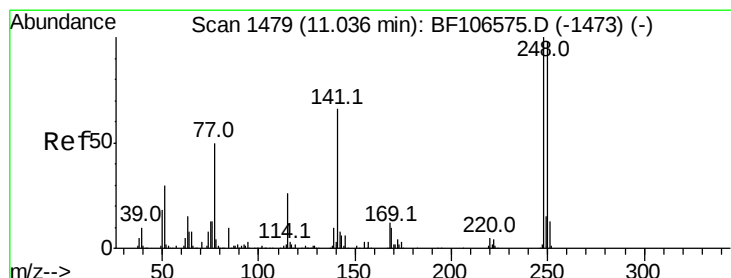
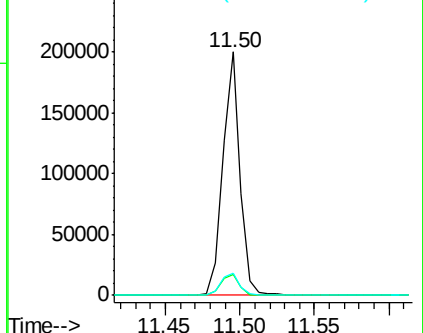
80 9.3 9.2 13.8



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: 3.304 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF106691.D

Acq: 22 Jun 2018 4:53

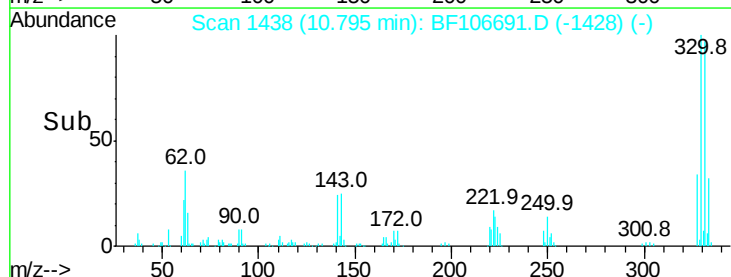
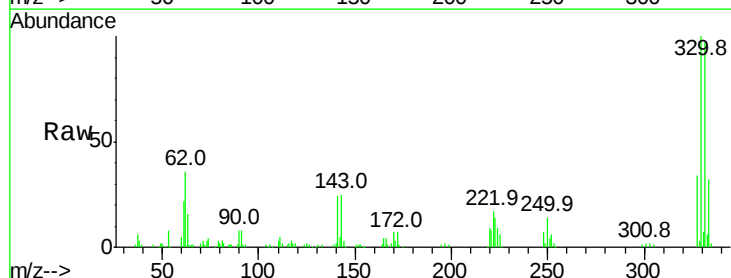
Tgt Ion:248 Resp: 6408

Ion Ratio Lower Upper

248 100

250 201.9 76.9 115.3#

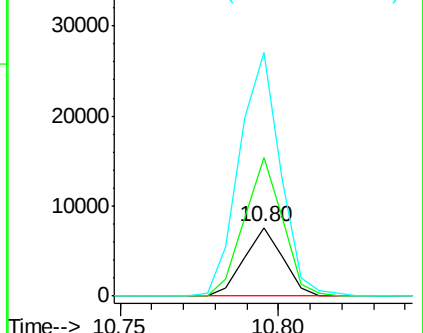
141 353.8 74.4 111.6#

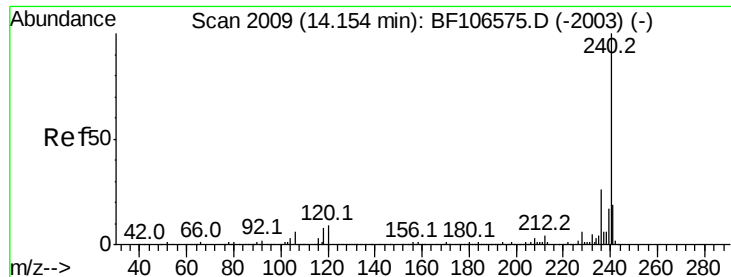


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2007

Delta R.T. -0.01 min

Lab File: BF106691.D

Acq: 22 Jun 2018 4:53

Instrument :

BNA_F

ClientSampleId :

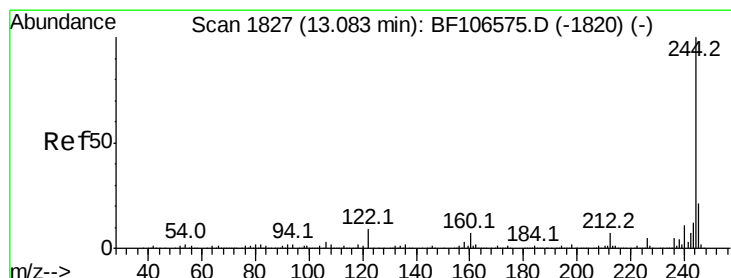
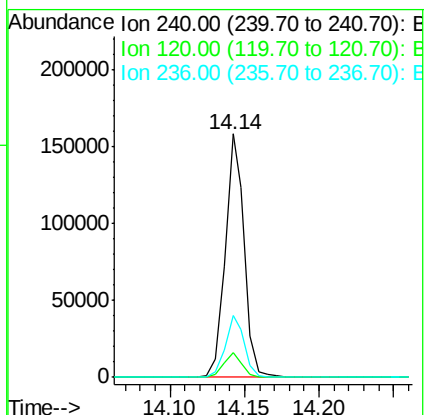
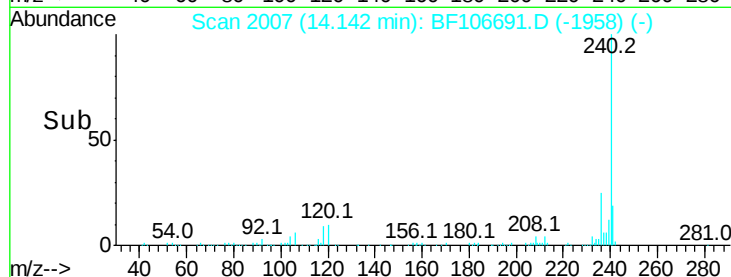
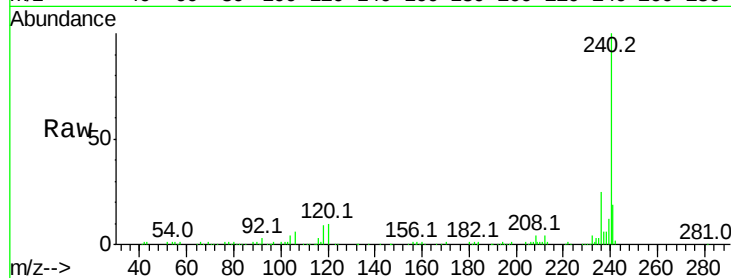
Tot Ion:240 Resp: 141625

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

236 25.2 20.7 31.1



#78

Terphenyl-d14

Concen: 120.847 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106691.D

Acq: 22 Jun 2018 4:53

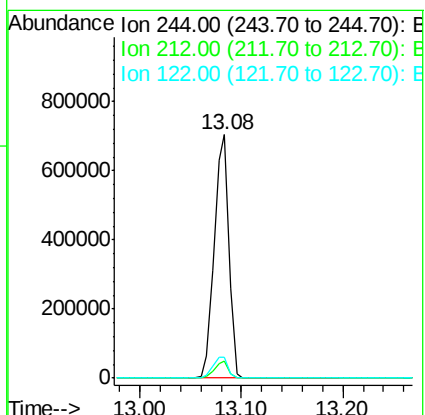
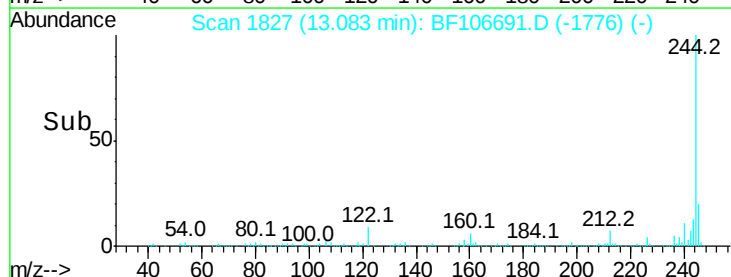
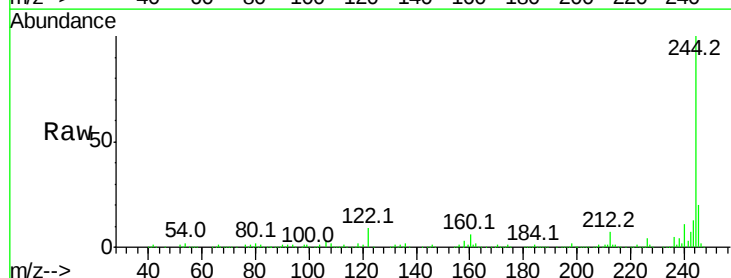
Tgt Ion:244 Resp: 706561

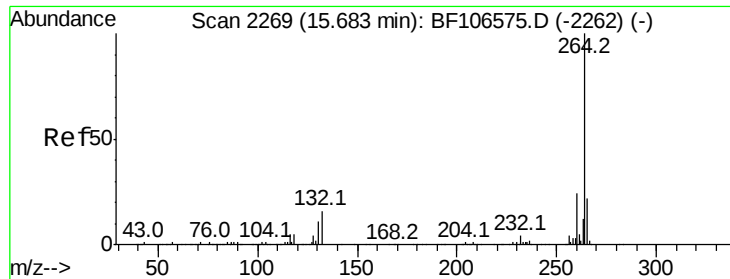
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 8.7 11.0 16.4#

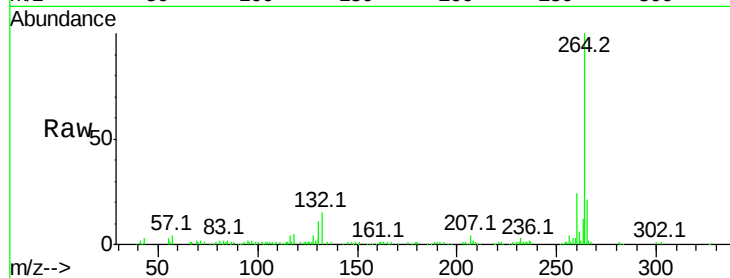




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106691.D
Acq: 22 Jun 2018 4:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

