

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106612.D
 Acq On : 20 Jun 2018 5:26
 Operator : JU/SJ
 Sample : J3554-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2(1.0)

Quant Time: Jun 20 06:59:15 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

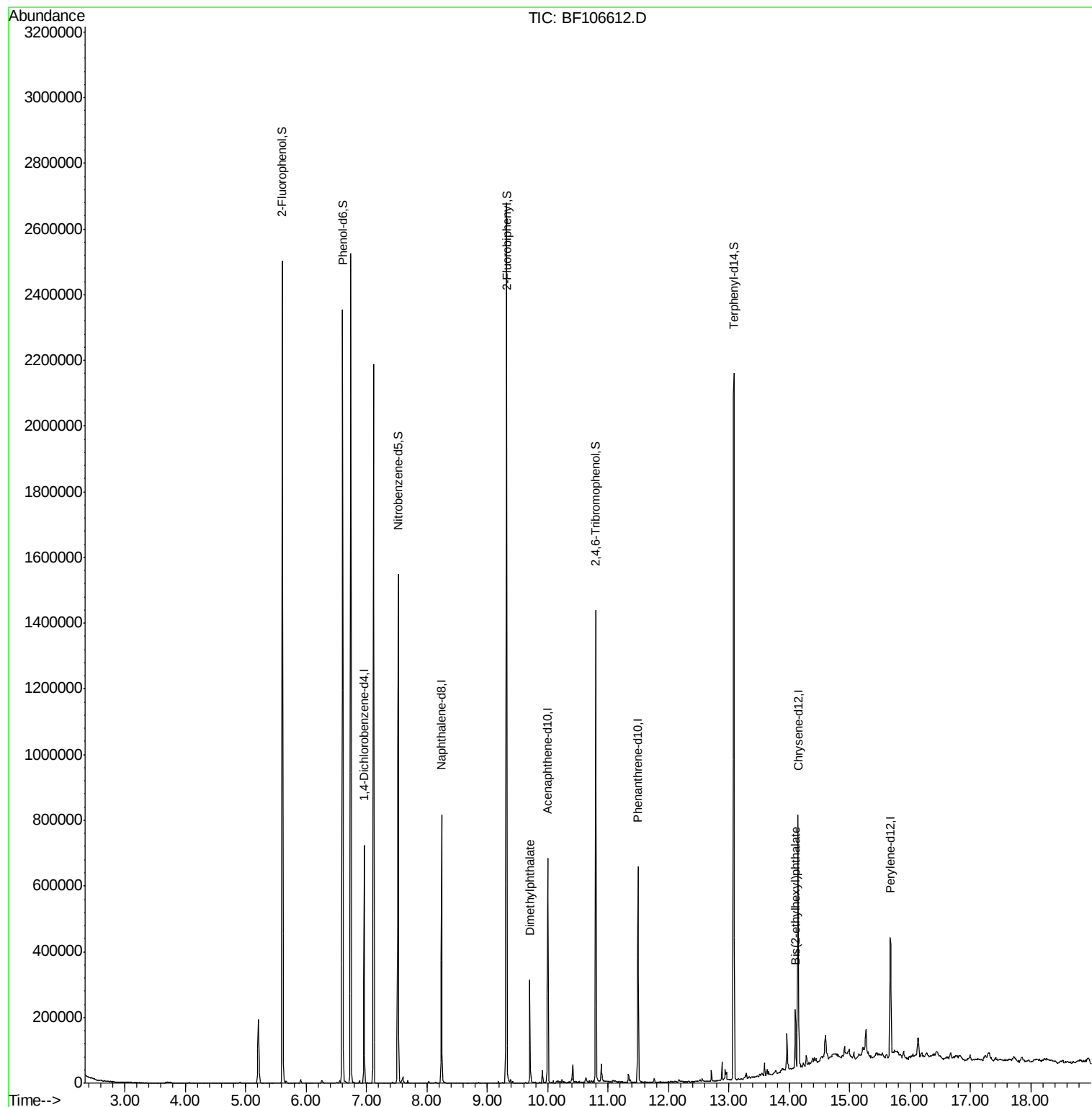
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97620	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	337653	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	129667	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	215660	20.00	ng	0.00
75) Chrysene-d12	14.14	240	252395	20.00	ng	-0.01
86) Perylene-d12	15.67	264	176532	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	706827	122.61	ng	0.00
7) Phenol-d6	6.61	99	889004	123.48	ng	0.00
23) Nitrobenzene-d5	7.52	82	586451	96.52	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	184680	122.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	846174	115.80	ng	0.00
78) Terphenyl-d14	13.08	244	791864	76.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	114616	11.785	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	43815	5.008	ng	99

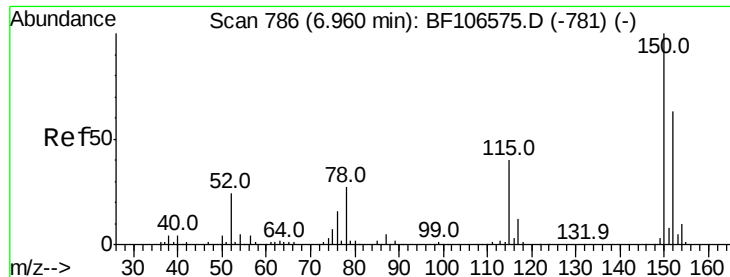
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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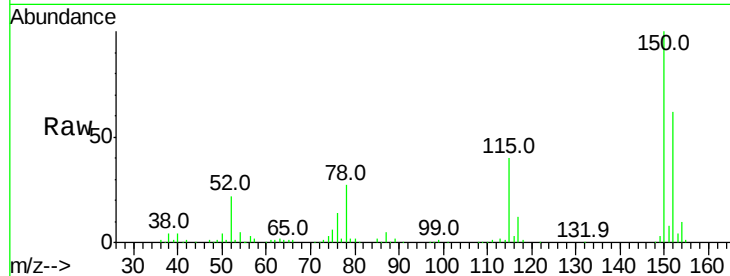


#1

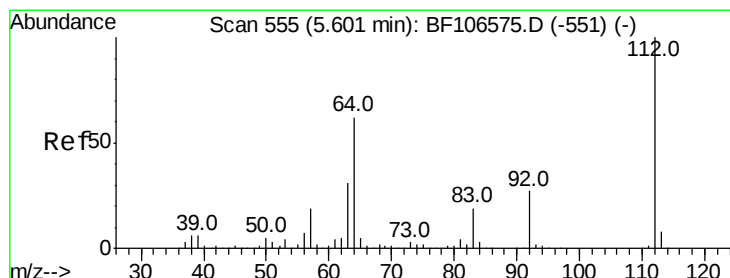
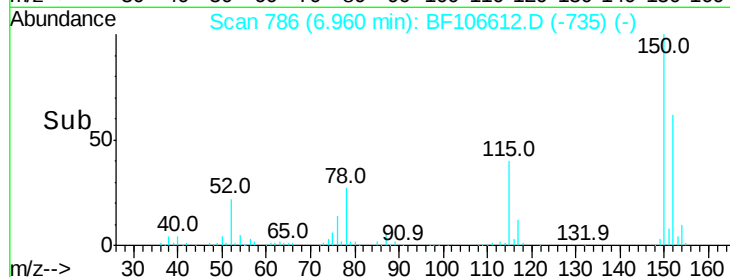
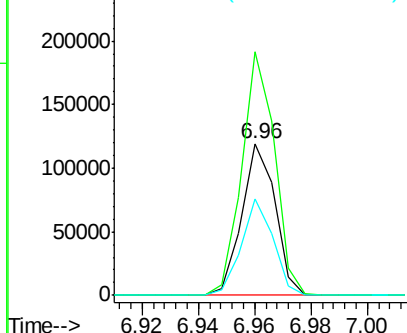
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

Instrument :
BNA_F
ClientSampled :
A-2(1.0)

Tot Ion:152 Resp: 97620
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 63.7 50.1 75.1



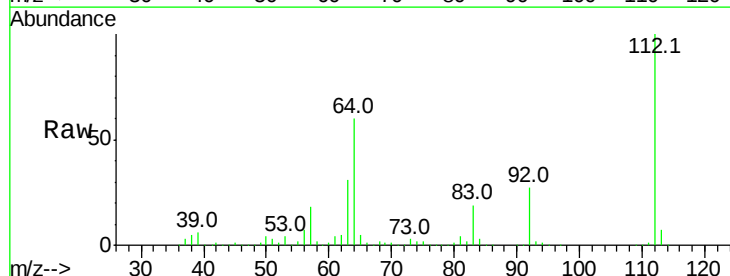
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



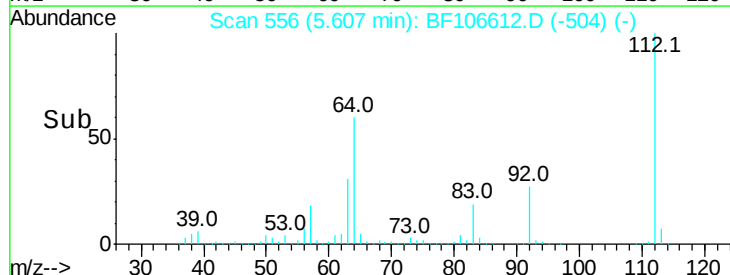
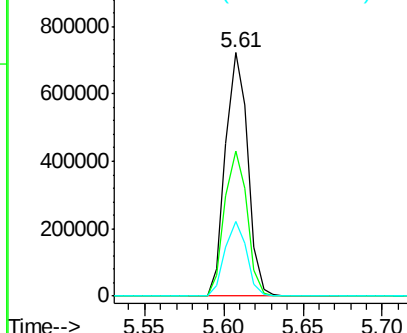
#5

2-Fluorophenol
Concen: 122.606 ng
RT: 5.61 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

Tgt Ion:112 Resp: 706827
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.6 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: 123.483 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Instrument :

BNA_F

ClientSampled :

A-2(1.0)

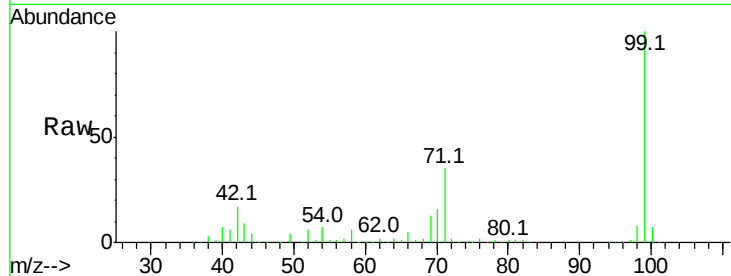
Tot Ion: 99 Resp: 889004

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

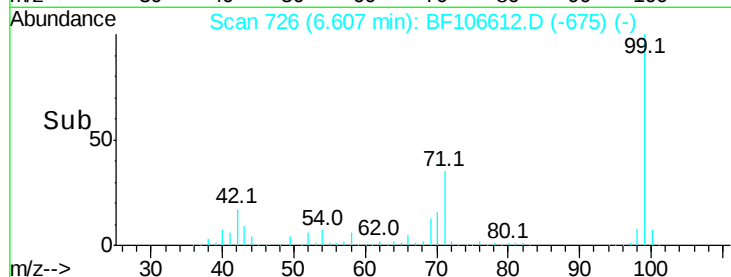
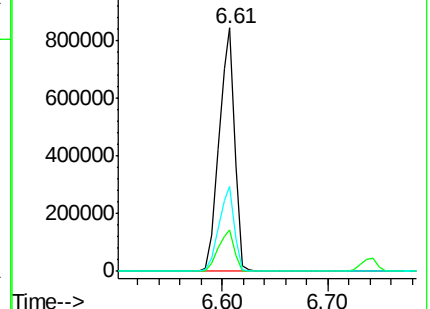
71 34.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Tgt Ion: 136 Resp: 337653

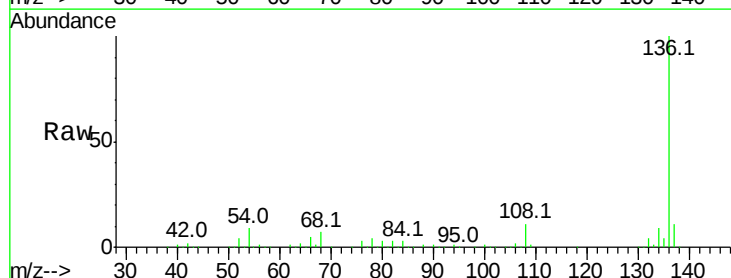
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.8 6.6 9.8

68 7.1 5.0 7.4

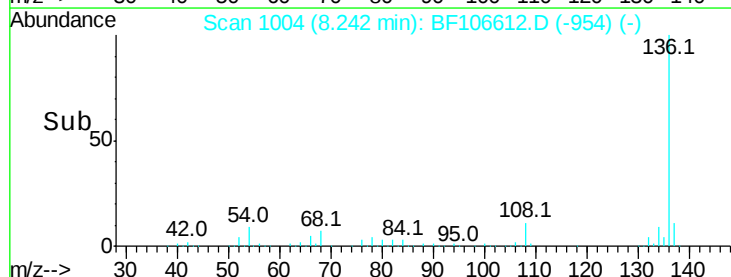
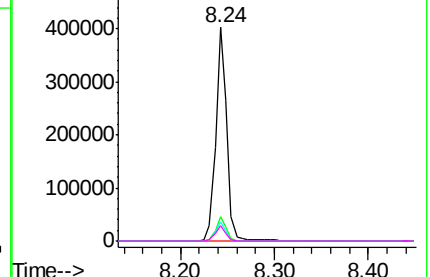


Abundance Ion 136.00 (135.70 to 136.70): E

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

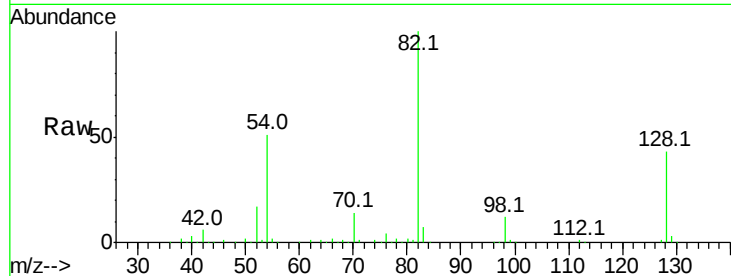




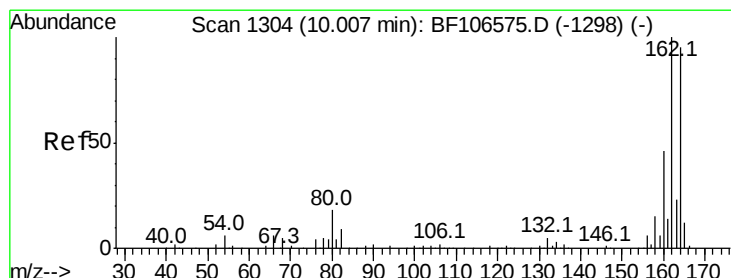
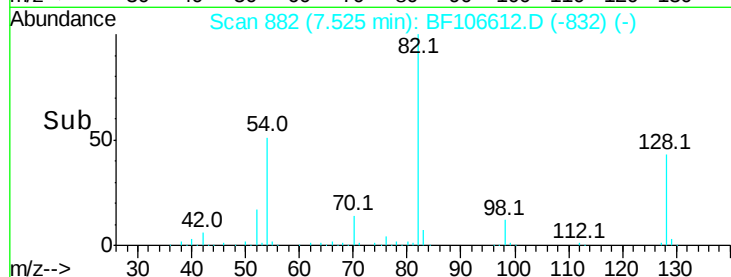
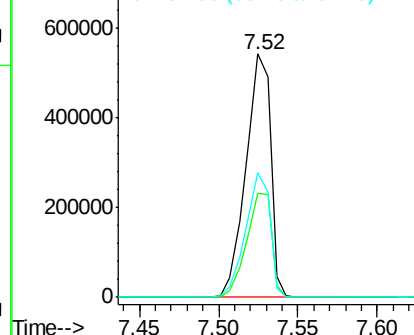
#23
Nitrobenzene-d5
Concen: 96.523 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

Instrument :
BNA_F
ClientSampleId :
A-2(1.0)

Tot Ion: 82 Resp: 586451
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 51.1 41.4 62.2

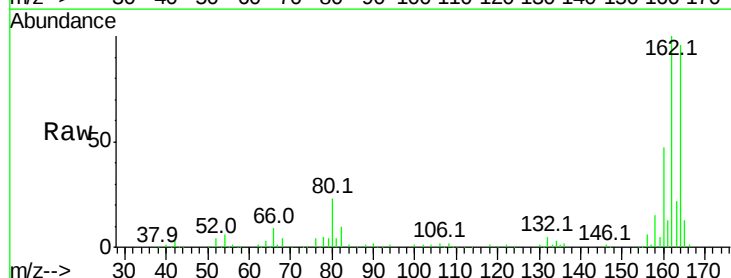


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

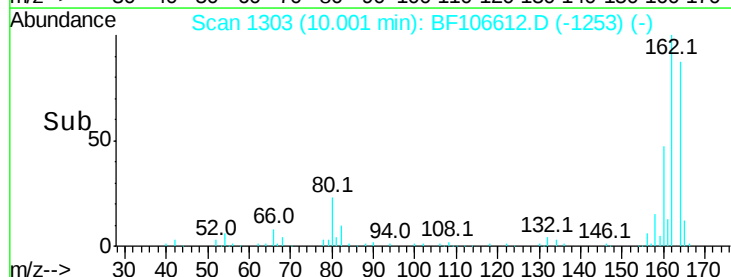
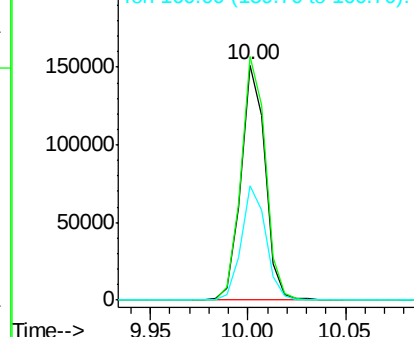


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106612.D
Acq: 20 Jun 2018 5:26

Tgt Ion:164 Resp: 129667
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 48.6 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

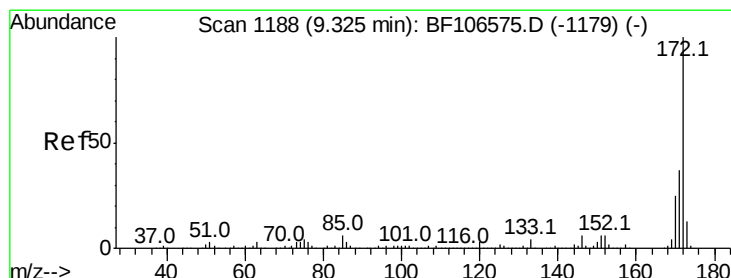
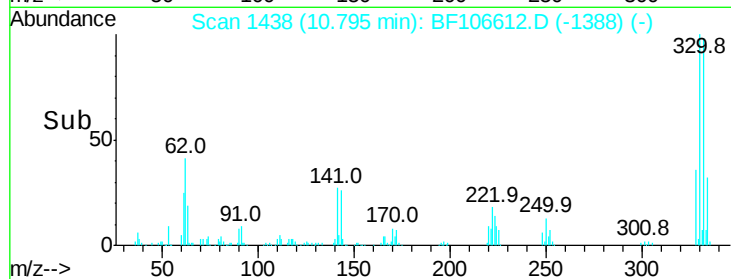
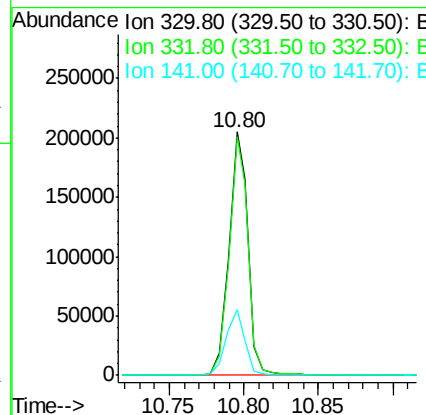
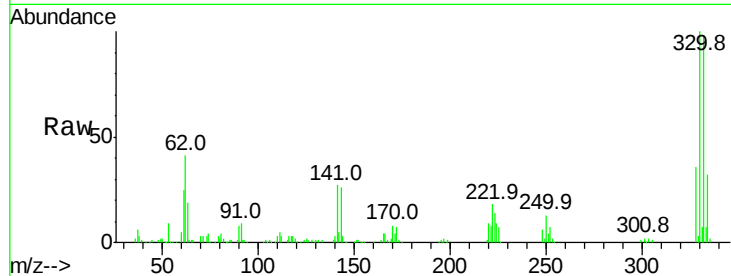




#41
 2,4,6-Tribromophenol
 Concen: 122.884 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106612.D
 Acq: 20 Jun 2018 5:26

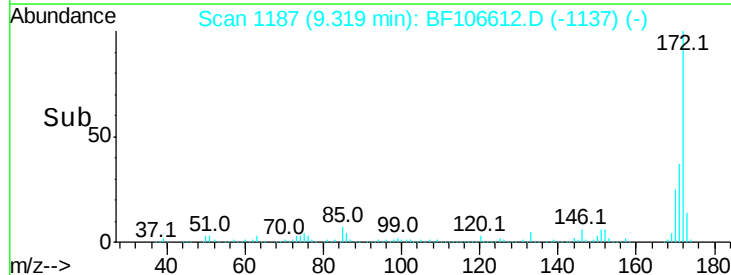
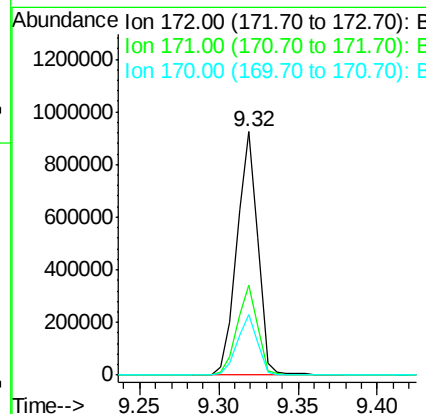
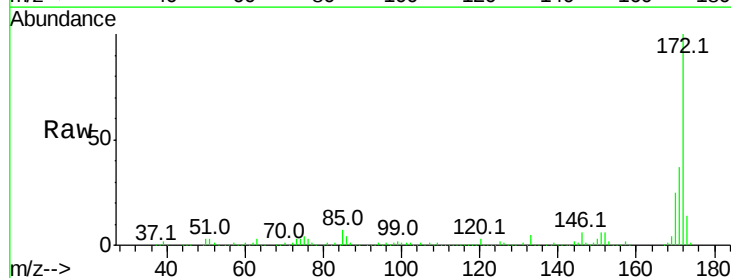
Instrument :
 BNA_F
 ClientSampleId :
 A-2(1.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	26.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 115.802 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106612.D
 Acq: 20 Jun 2018 5:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.0	19.6	29.4





#49

Dimethylphthalate

Concen: 11.785 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Instrument :

BNA_F

ClientSampleId :

A-2(1.0)

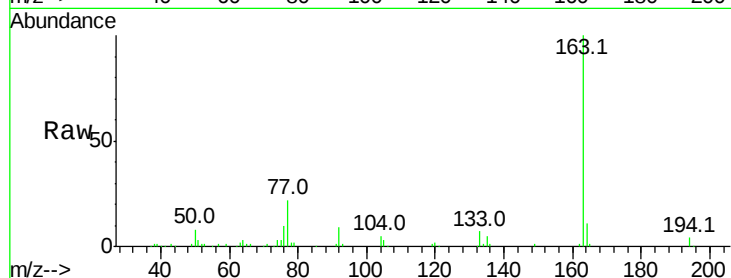
Tot Ion:163 Resp: 114616

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

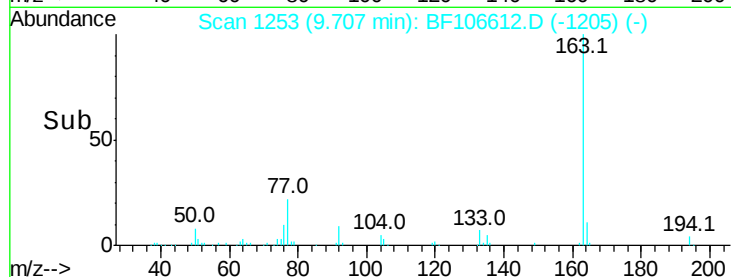
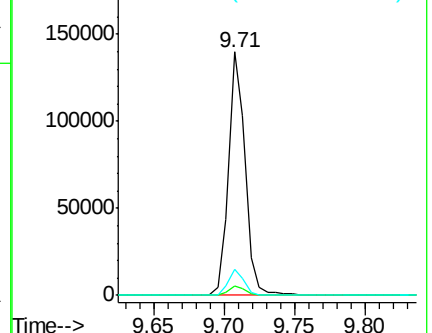
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

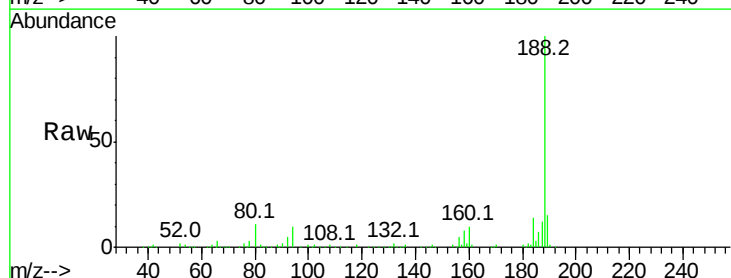
Tgt Ion:188 Resp: 215660

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

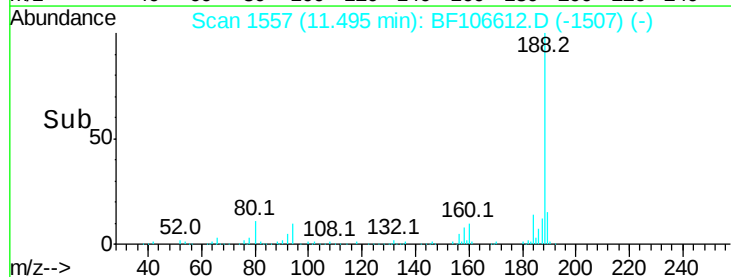
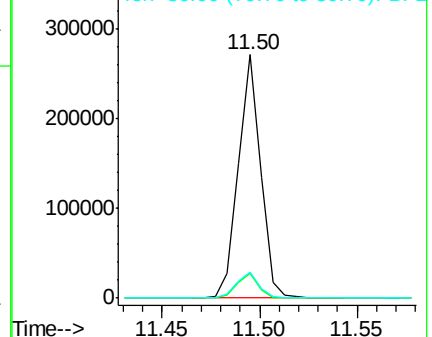
80 10.6 9.2 13.8

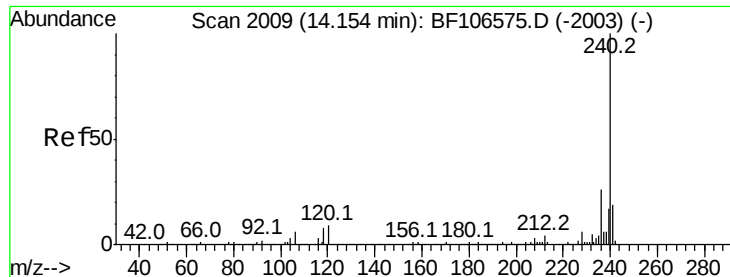


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Instrument :

BNA_F

ClientSampleId :

A-2(1.0)

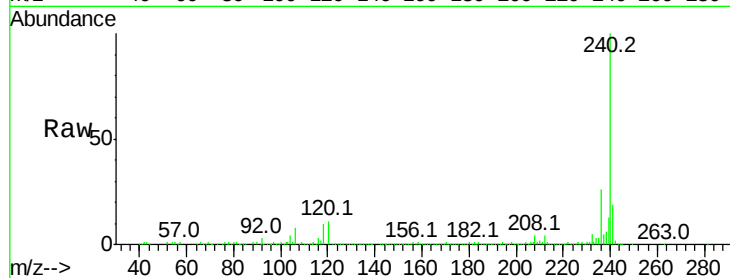
Tot Ion:240 Resp: 252395

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

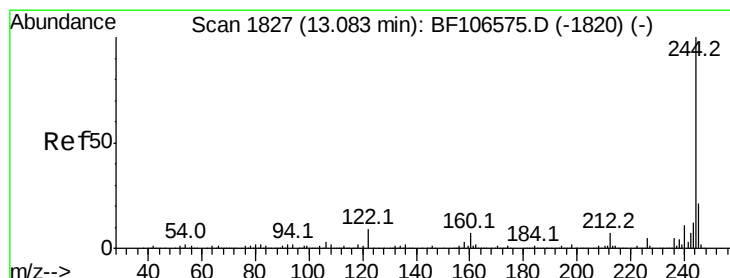
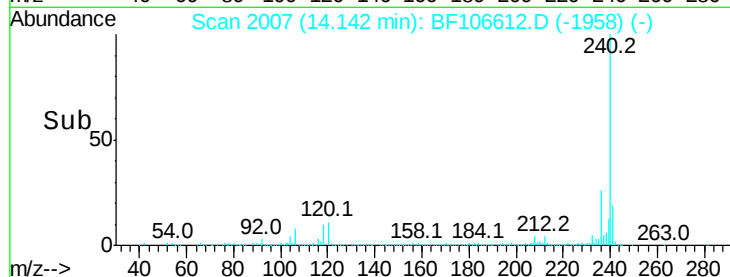
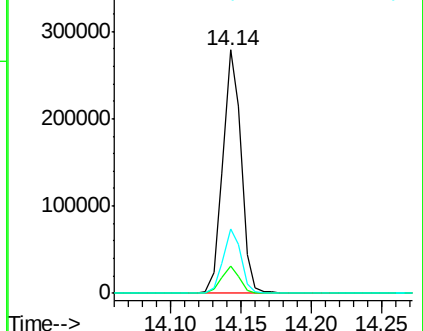
236 26.2 20.7 31.1



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: 75.997 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

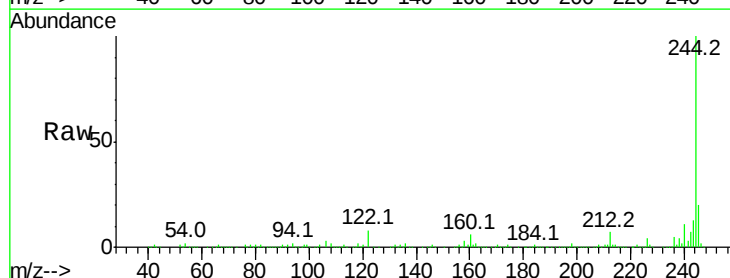
Tgt Ion:244 Resp: 791864

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

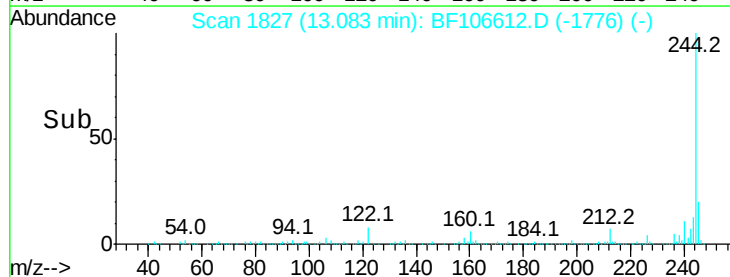
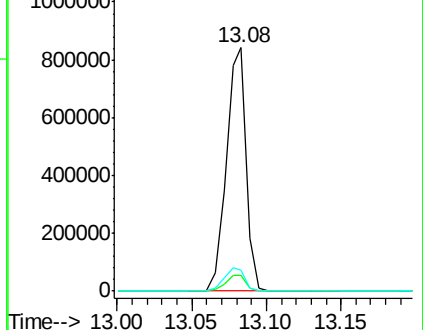
122 8.5 11.0 16.4#

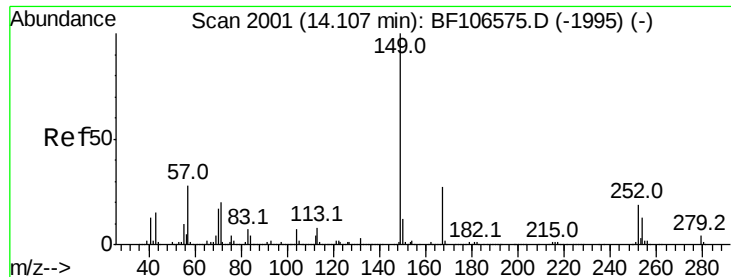


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.008 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

Instrument :

BNA_F

ClientSampleId :

A-2(1.0)

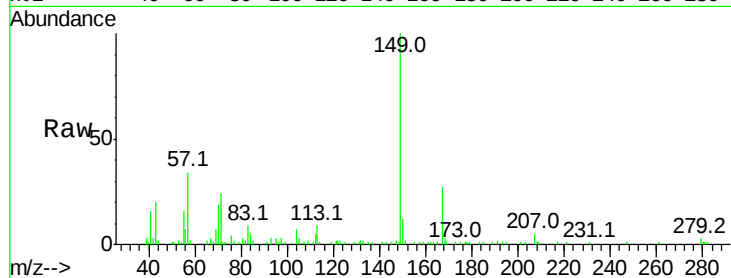
Tot Ion:149 Resp: 43815

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.5	3.0	4.4

149 100

167 27.1 21.3 31.9

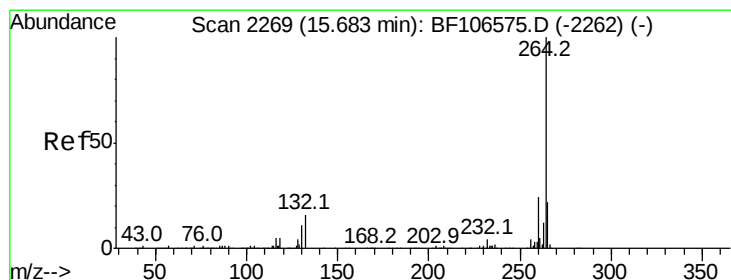
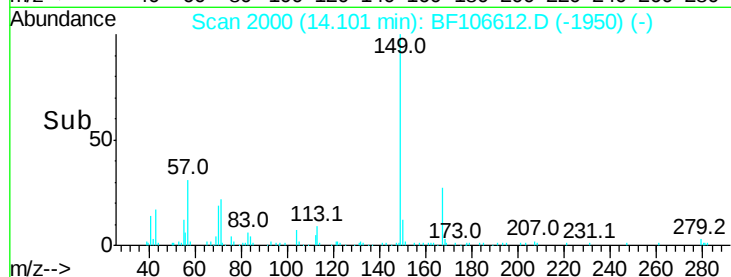
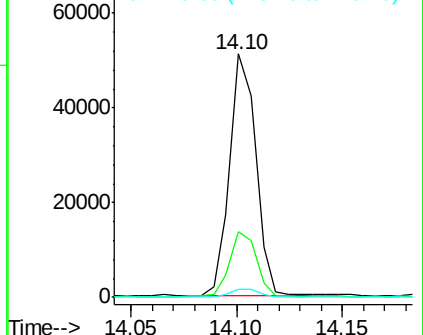
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF106612.D

Acq: 20 Jun 2018 5:26

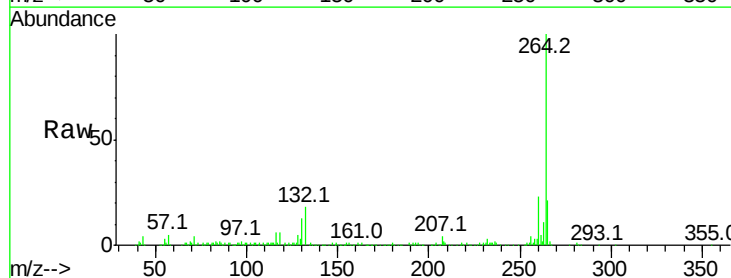
Tgt Ion:264 Resp: 176532

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.5	26.3

264 100

260 23.4 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

