

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106636.D
 Acq On : 20 Jun 2018 22:49
 Operator : JU/SJ
 Sample : J3554-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-4(2.0)

Quant Time: Jun 21 04:03:45 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

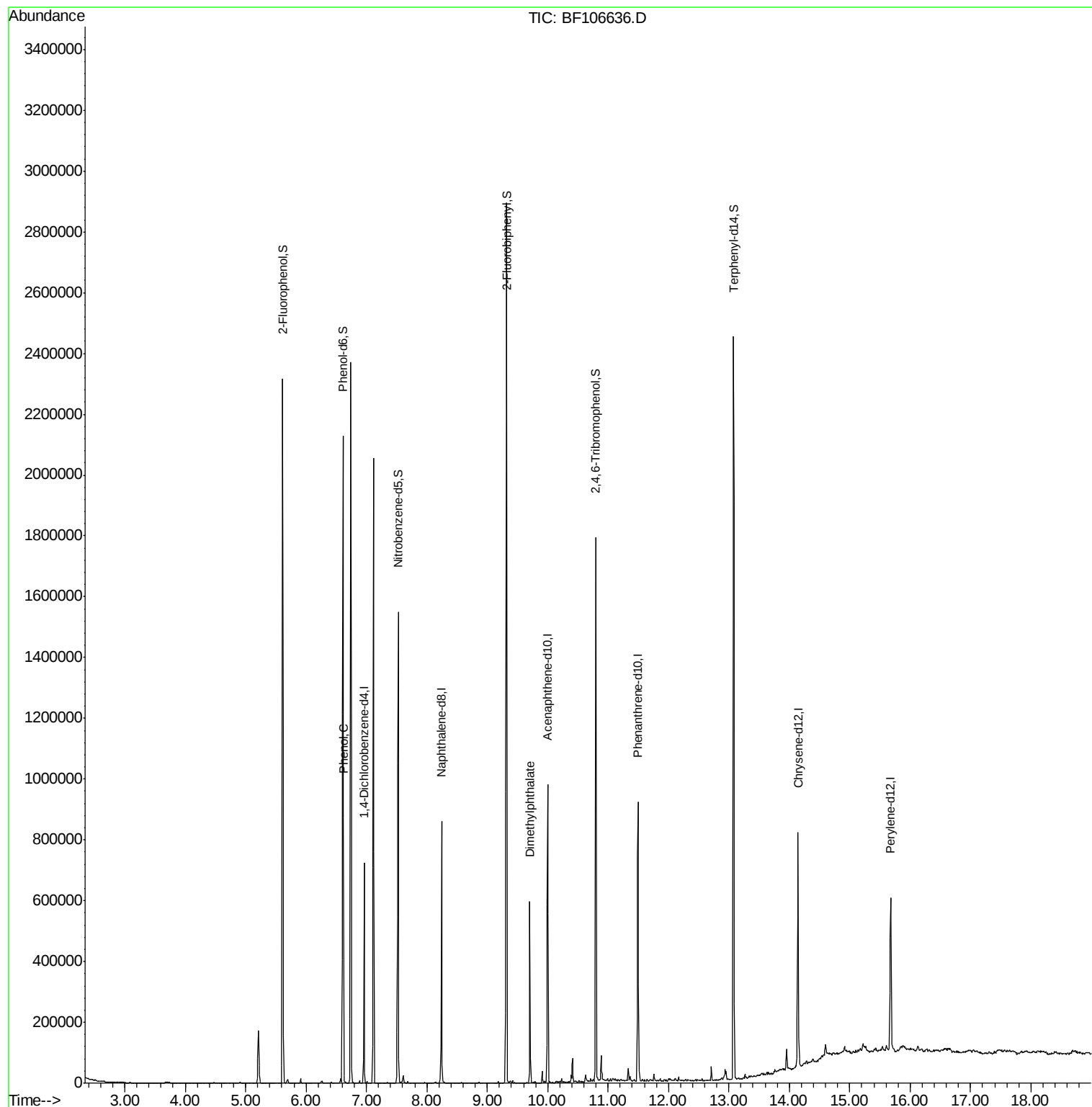
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96463	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	364562	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	188631	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	331473	20.00	ng	0.00
75) Chrysene-d12	14.14	240	257881	20.00	ng	-0.01
86) Perylene-d12	15.68	264	246121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	659628	115.79	ng	0.01
7) Phenol-d6	6.61	99	840848	118.20	ng	0.00
23) Nitrobenzene-d5	7.52	82	571325	87.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	276940	126.67	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	963092	86.72	ng	0.00
78) Terphenyl-d14	13.08	244	911981	85.66	ng	0.00
Target Compounds						
10) Phenol	6.62	94	18999	2.340	ng	99
49) Dimethylphthalate	9.71	163	233712	16.520	ng	98

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

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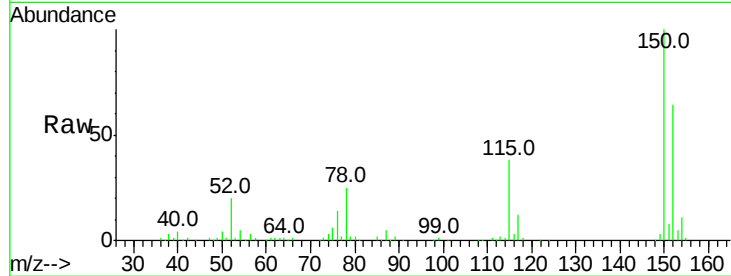


#1

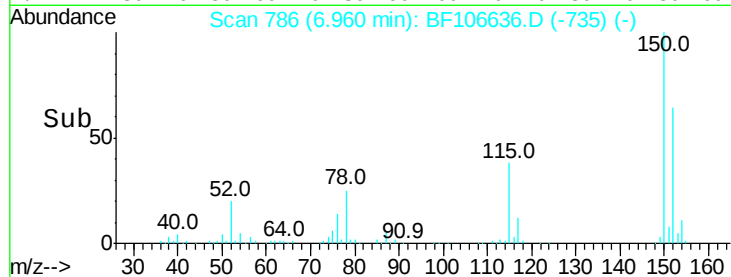
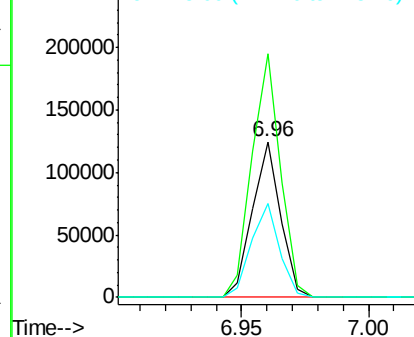
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Instrument :
BNA_F
ClientSampleId :
A-4(2.0)

Tot Ion:152 Resp: 96463
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 60.2 50.1 75.1



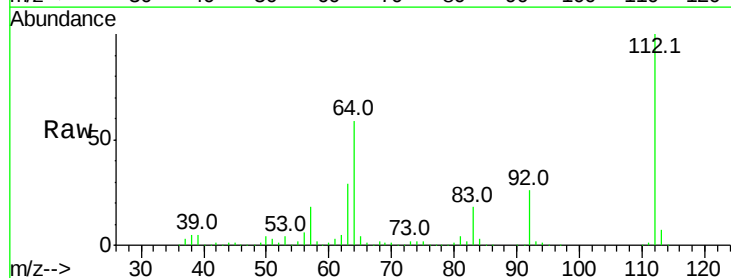
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



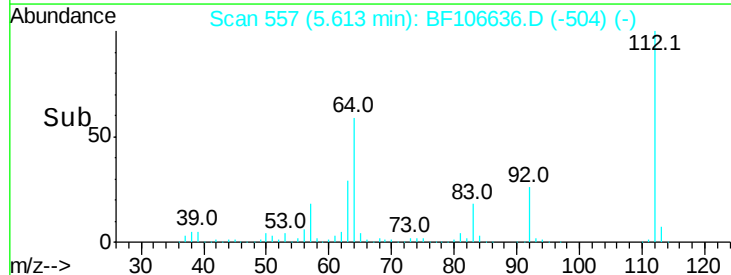
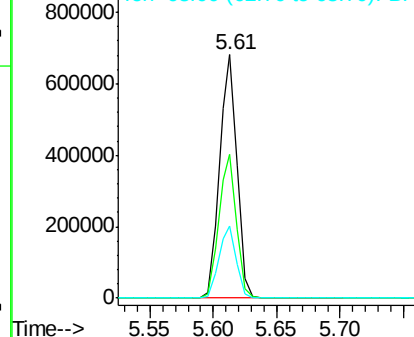
#5

2-Fluorophenol
Concen: 115.792 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Tgt Ion:112 Resp: 659628
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 29.4 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: 118.195 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Instrument :

BNA_F

ClientSampleId :

A-4(2.0)

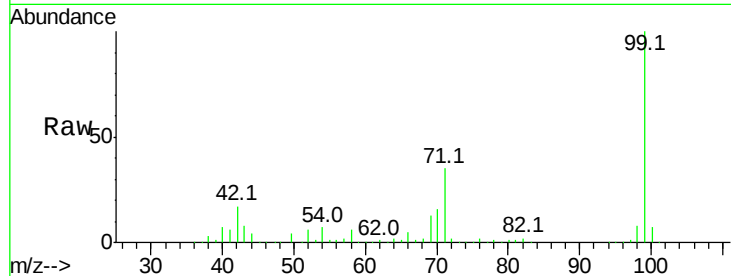
Tot Ion: 99 Resp: 840848

Ion Ratio Lower Upper

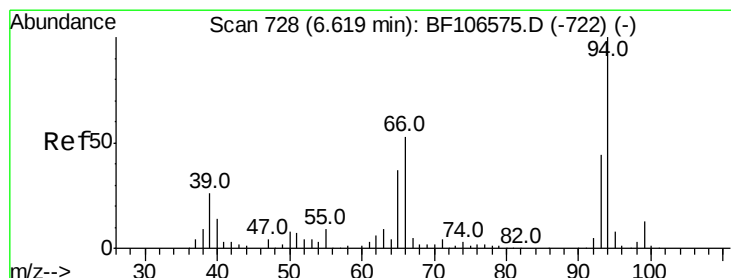
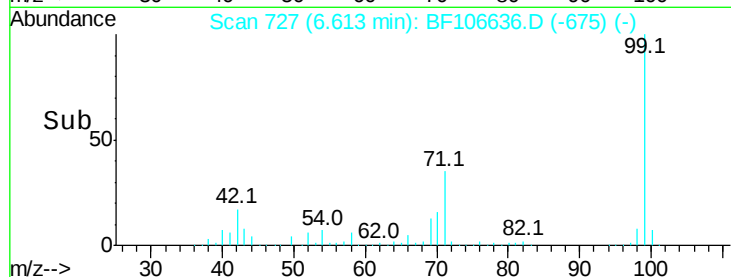
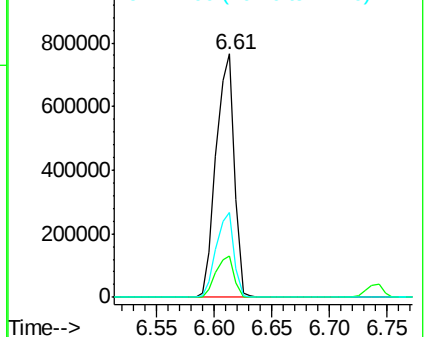
99 100

42 16.8 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



#10

Phenol

Concen: 2.340 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

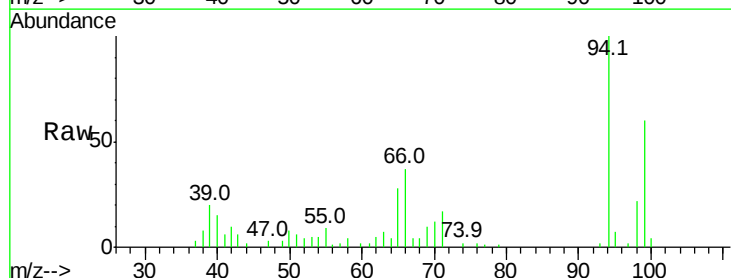
Tgt Ion: 94 Resp: 18999

Ion Ratio Lower Upper

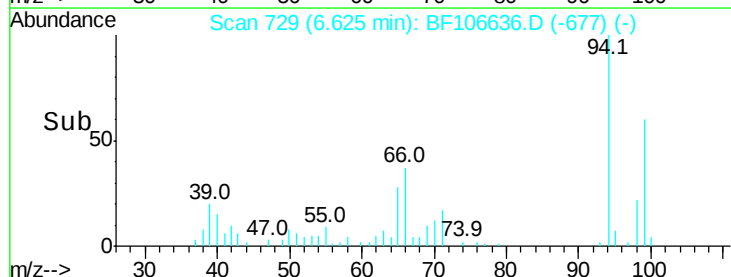
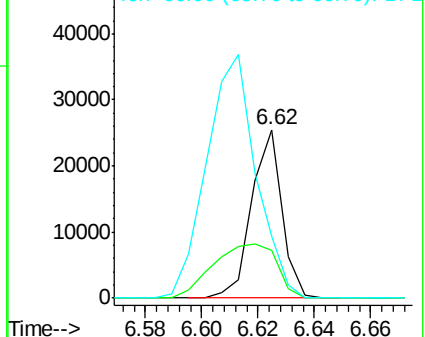
94 100

65 28.3 7.9 47.9

66 36.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Instrument :

BNA_F

ClientSampleId :

A-4(2.0)

Tot Ion:136 Resp: 364562

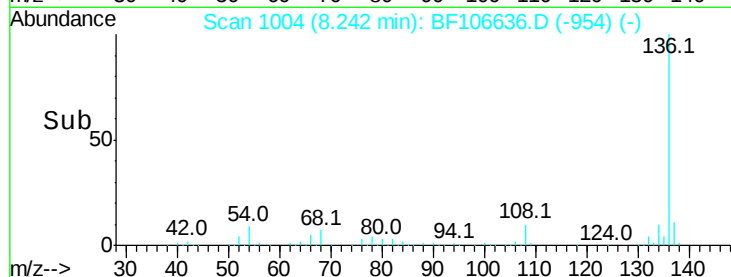
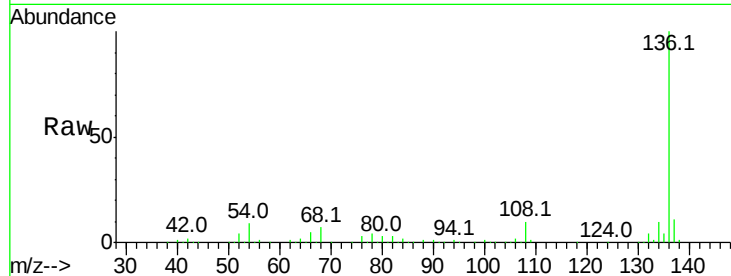
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.7 5.0 7.4

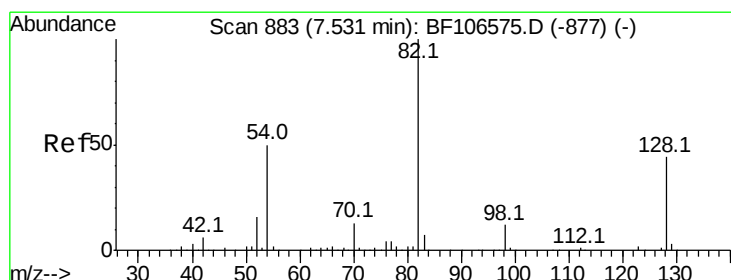
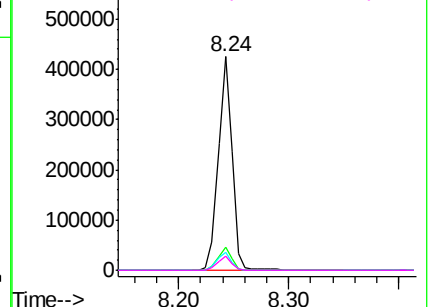


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.092 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

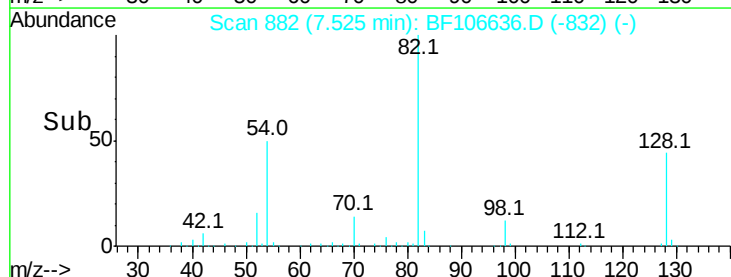
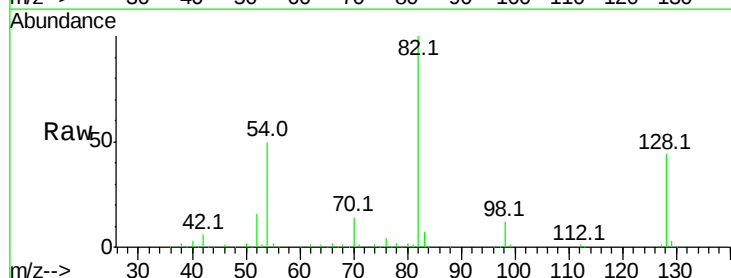
Tgt Ion: 82 Resp: 571325

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

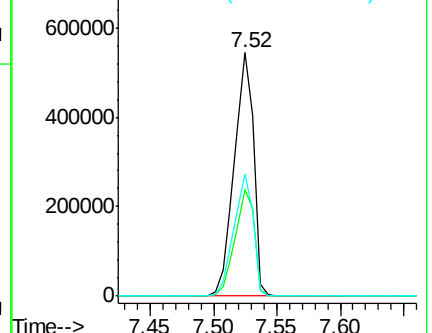
54 49.9 41.4 62.2



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

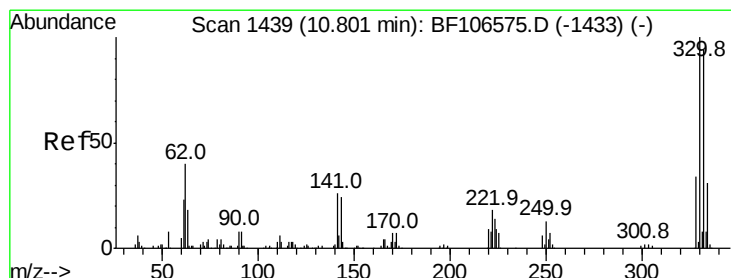
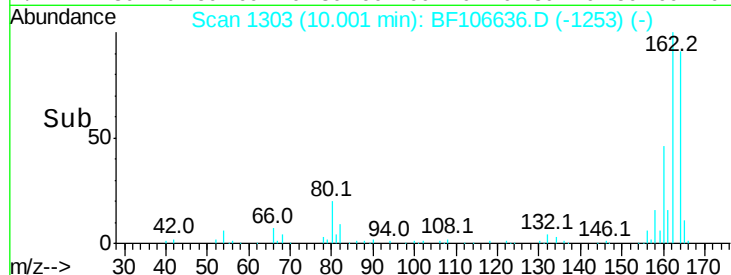
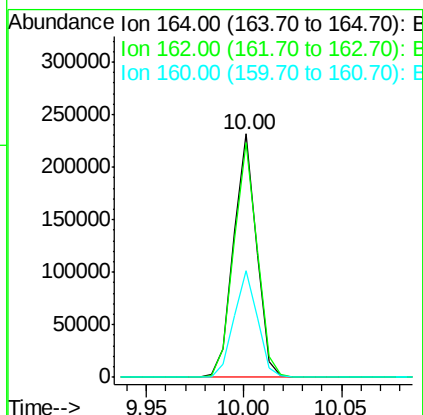
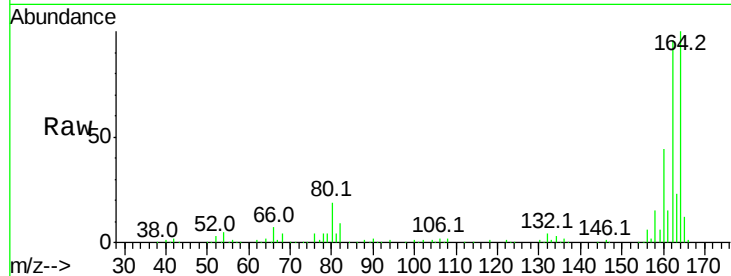




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

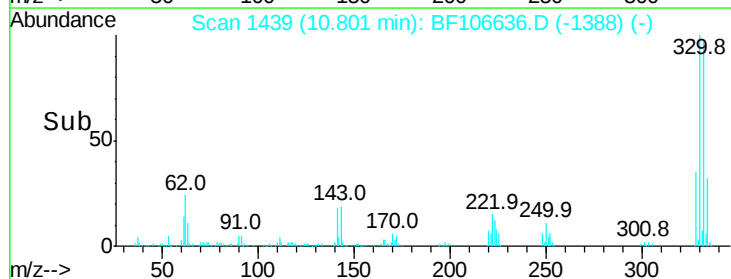
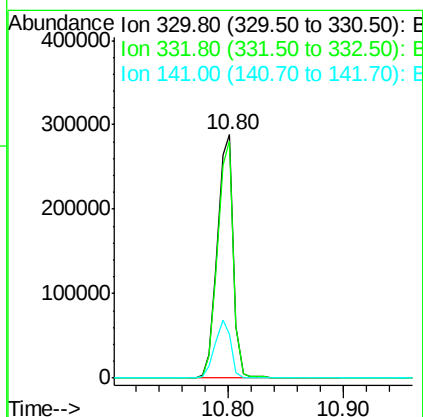
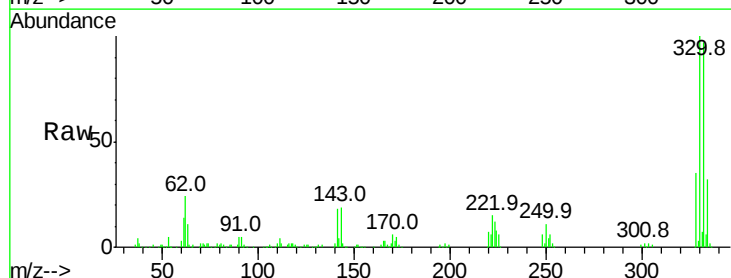
Instrument :
BNA_F
ClientSampleId :
A-4(2.0)

Tot Ion:164 Resp: 188631
Ion Ratio Lower Upper
164 100
162 96.2 86.1 129.1
160 43.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 126.672 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Tgt Ion:330 Resp: 276940
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 23.9 29.9 44.9#

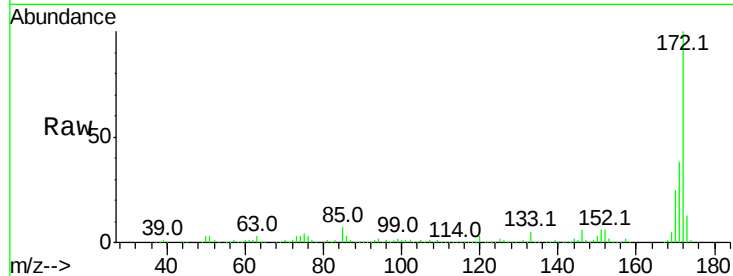




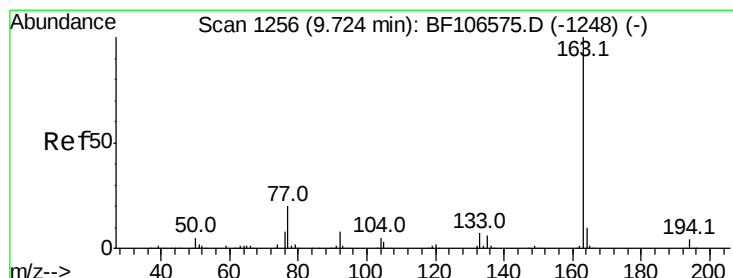
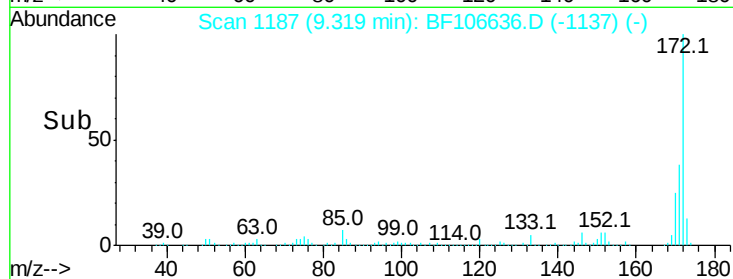
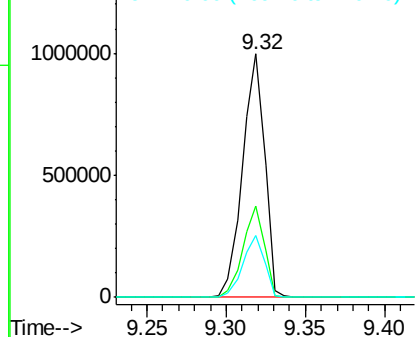
#44
2-Fluorobiphenyl
Concen: 86.719 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Instrument :
BNA_F
ClientSampleId :
A-4(2.0)

Tot Ion:172 Resp: 963092
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.4 19.6 29.4

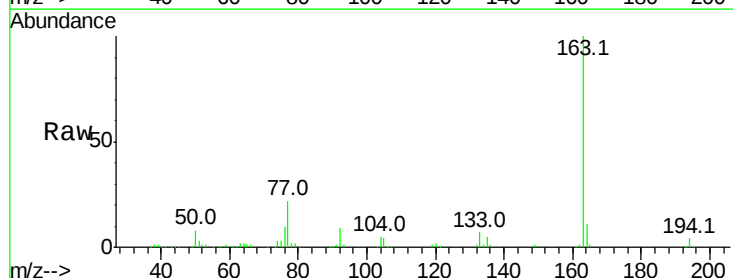


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

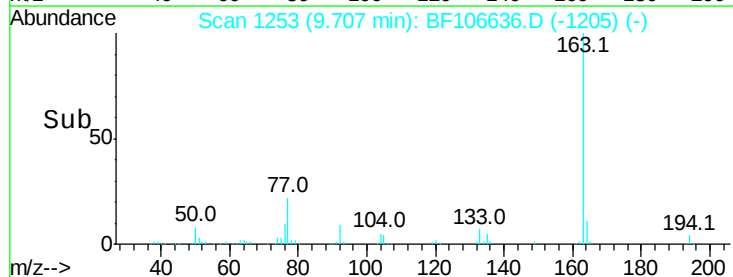
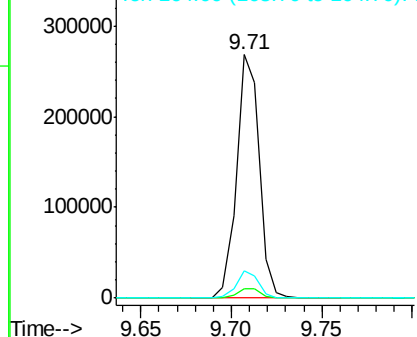


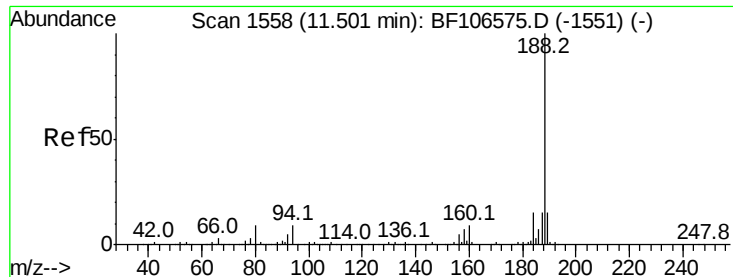
#49
Dimethylphthalate
Concen: 16.520 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Tgt Ion:163 Resp: 233712
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.2 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: BF106636.D

Acq: 20 Jun 2018 22:49

Instrument :

BNA_F

ClientSampleId :

A-4(2.0)

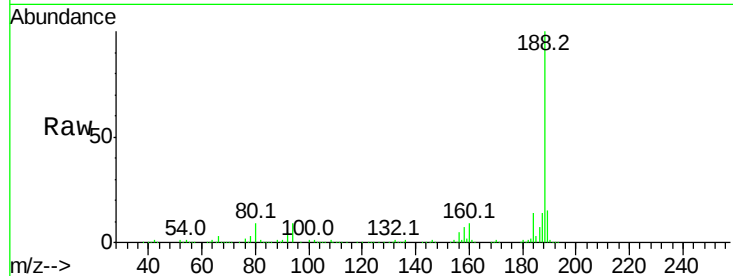
Tot Ion:188 Resp: 331473

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

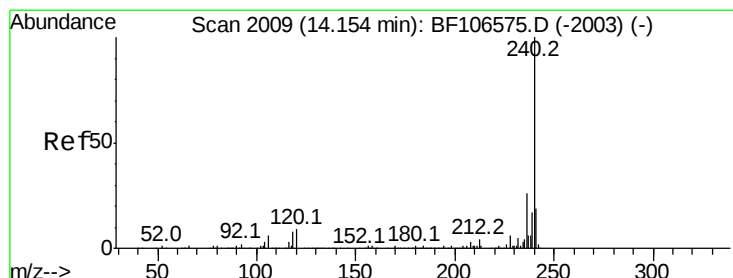
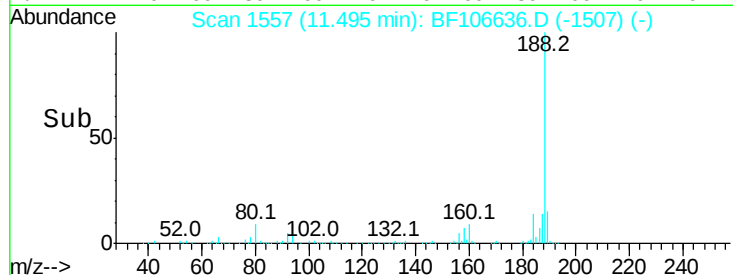
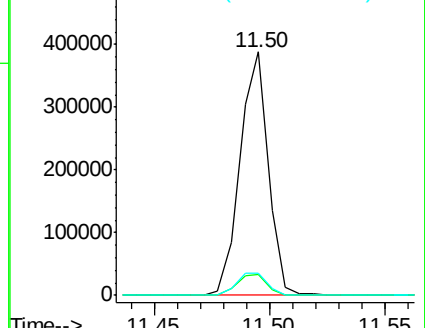
80 9.2 9.2 13.8#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

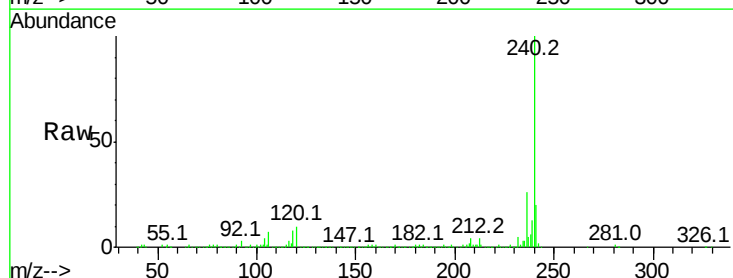
Tgt Ion:240 Resp: 257881

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

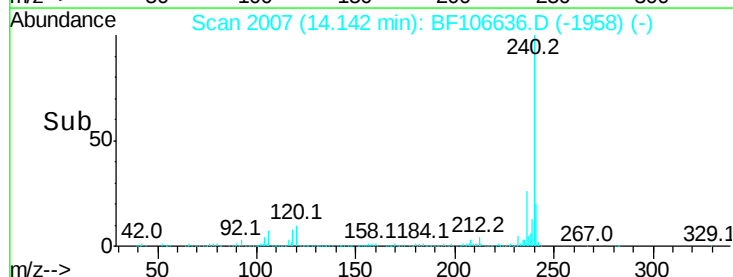
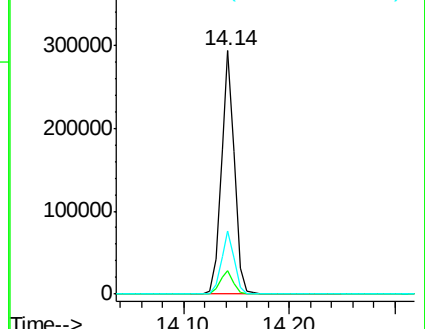
236 25.7 20.7 31.1

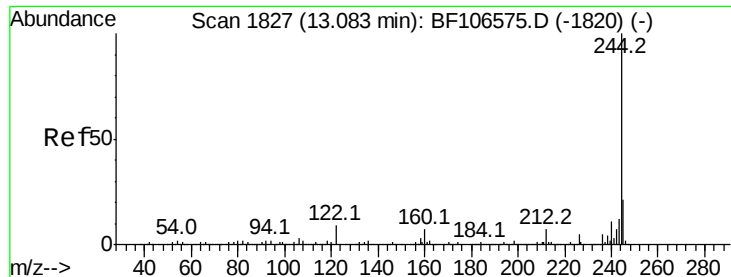


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.663 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Instrument :

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ClientSampleId :

A-4(2.0)

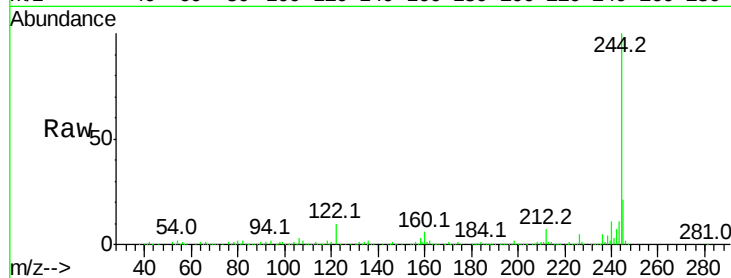
Tot Ion:244 Resp: 911981

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

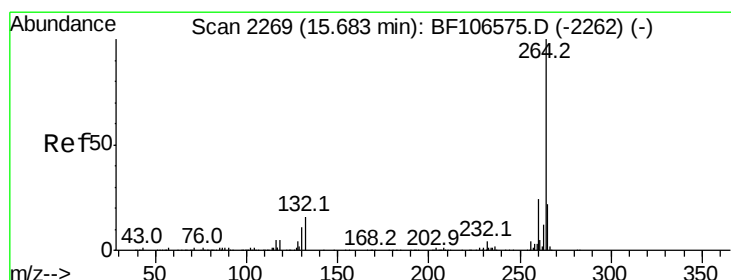
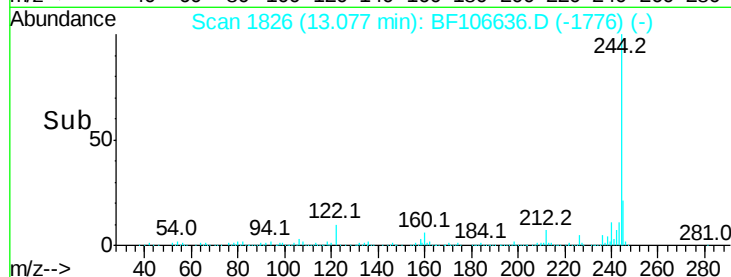
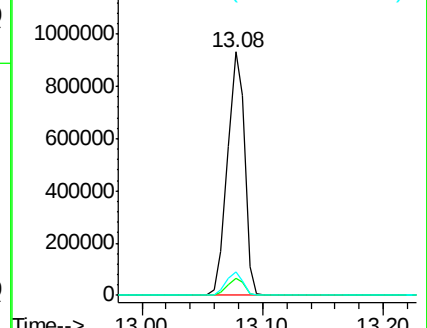
122 9.8 11.0 16.4#



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. -0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

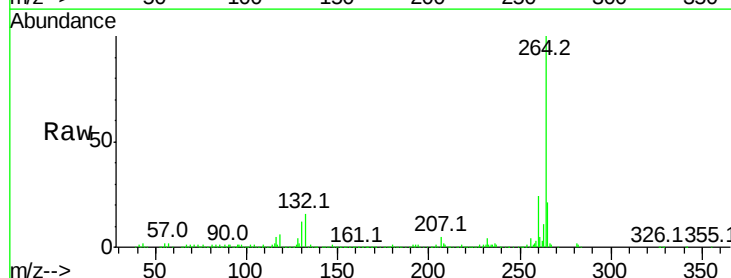
Tgt Ion:264 Resp: 246121

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.3 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

