

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106908.D
 Acq On : 28 Jun 2018 8:11
 Operator : JU/SJ
 Sample : J3719-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062518-TIPC-F-D-B

Quant Time: Jun 28 11:35:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

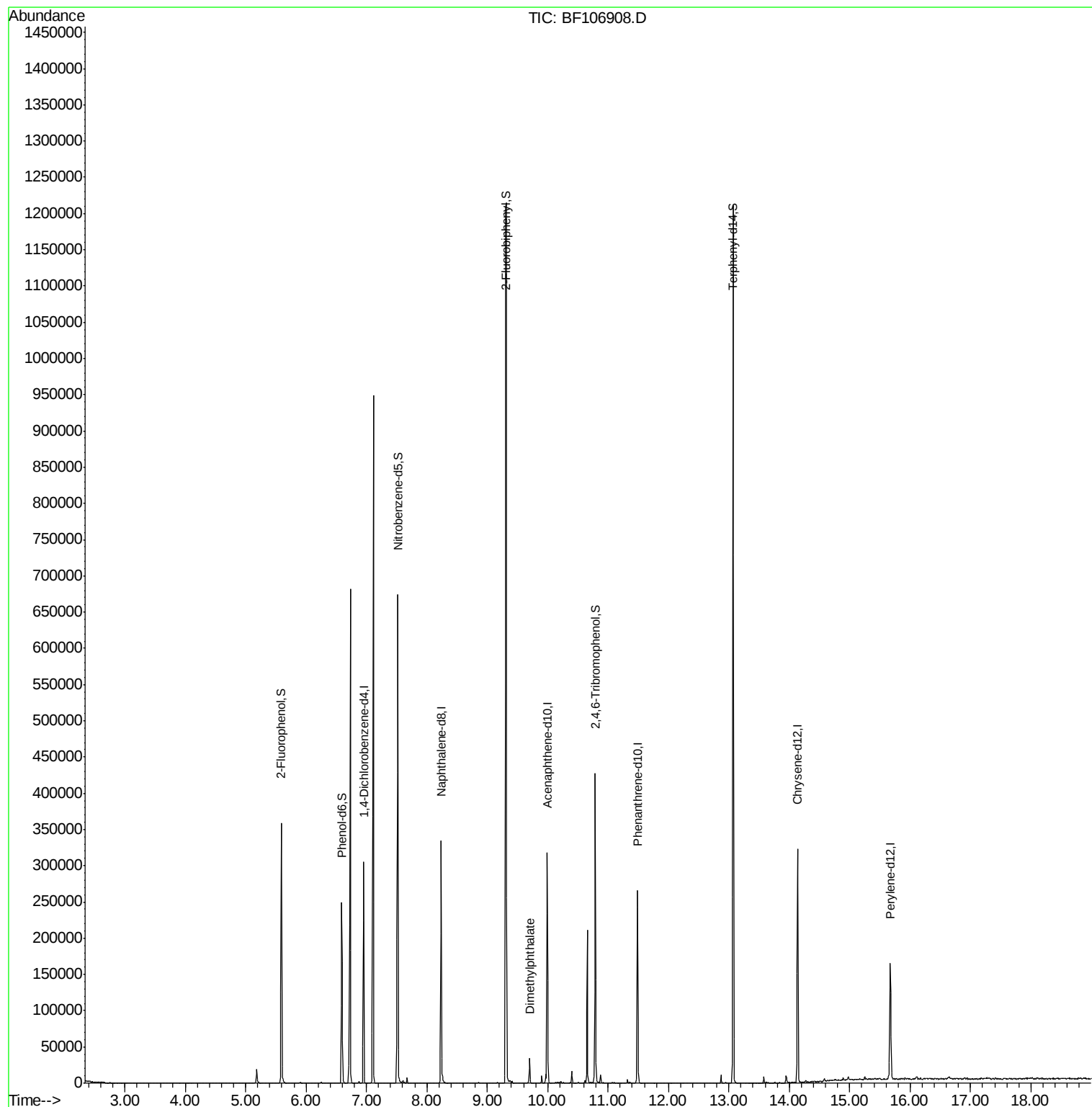
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	44327	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	153238	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	66325	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	111503	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	124710	20.00	ng	-0.03
86) Perylene-d12	15.67	264	88455	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	102729	39.24	ng	-0.01
7) Phenol-d6	6.59	99	81321	24.88	ng	-0.02
23) Nitrobenzene-d5	7.52	82	247408	89.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	65644	85.39	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	443489	119.10	ng	-0.01
78) Terphenyl-d14	13.07	244	445453	86.52	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	16140	3.245	ng	Qvalue 99

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

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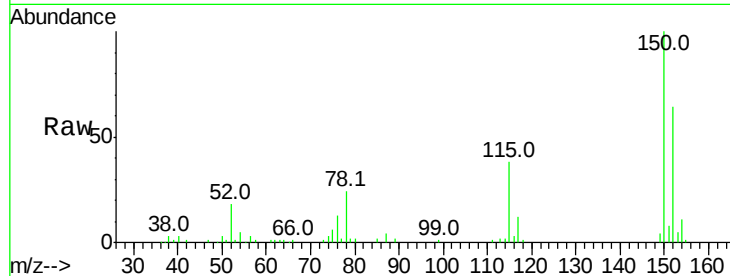


#1

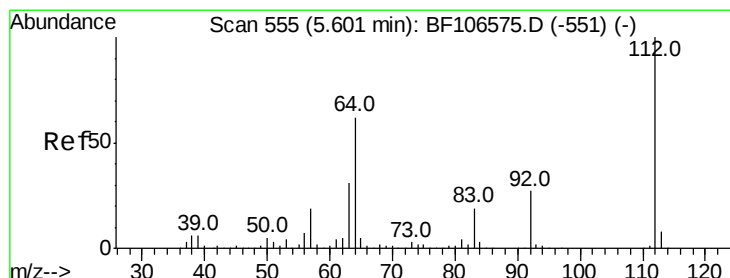
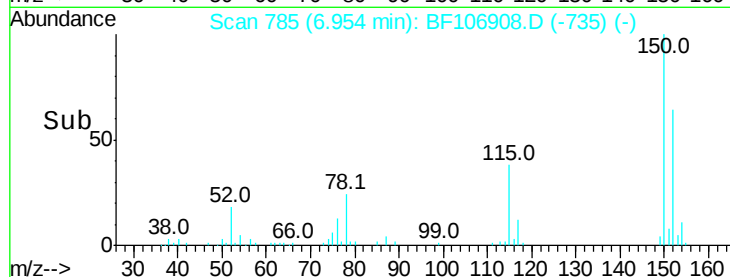
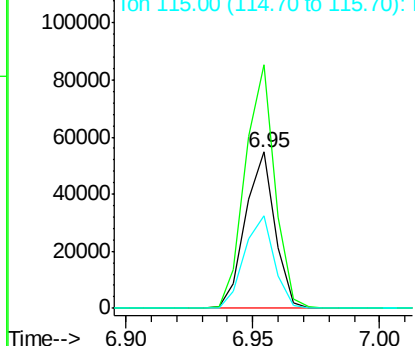
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106908.D
Acq: 28 Jun 2018 8:11

Instrument :
BNA_F
ClientSampleId :
062518-TIPC-F-D-B

Tot Ion:152 Resp: 44327
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 58.9 50.1 75.1



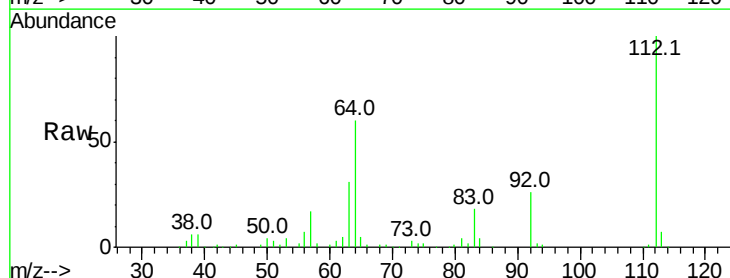
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



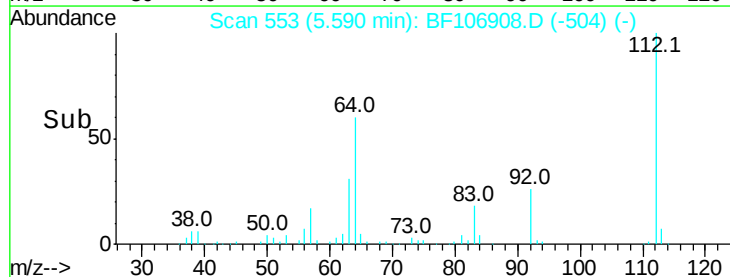
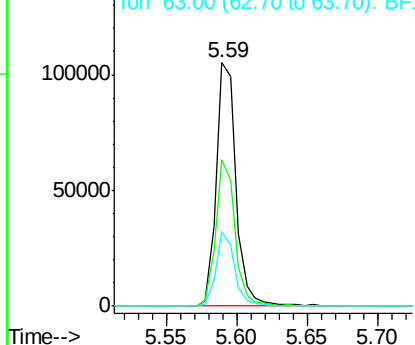
#5

2-Fluorophenol
Concen: 39.243 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106908.D
Acq: 28 Jun 2018 8:11

Tgt Ion:112 Resp: 102729
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.7 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: 24.876 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106908.D

Acq: 28 Jun 2018 8:11

Instrument :

BNA_F

ClientSampleId :

062518-TIPC-F-D-B

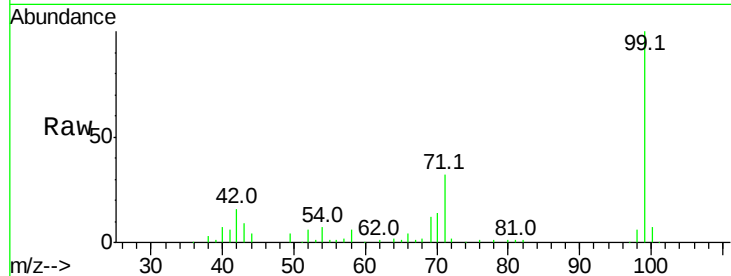
Tot Ion: 99 Resp: 81321

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 32.5 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

120000

100000

80000

60000

40000

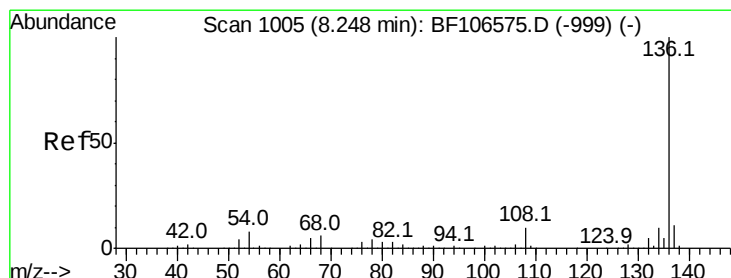
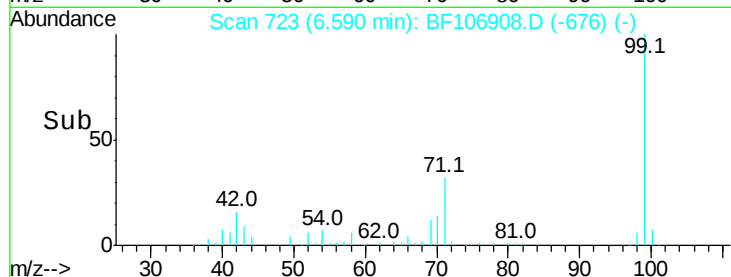
20000

0

6.59

6.55 6.60 6.65

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106908.D

Acq: 28 Jun 2018 8:11

Tgt Ion: 136 Resp: 153238

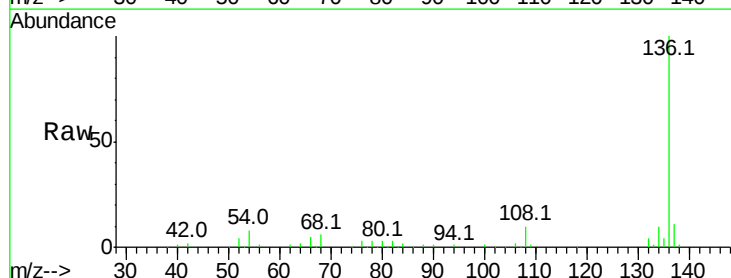
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.7 6.6 9.8

68 6.0 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

250000

200000

150000

100000

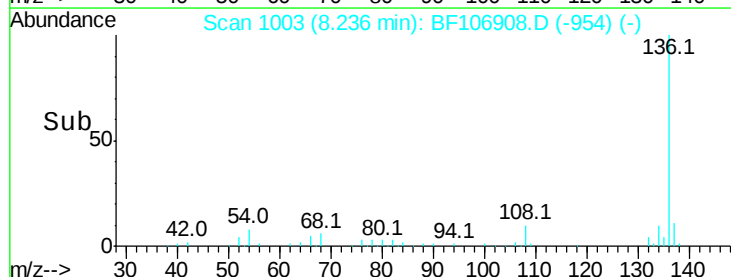
50000

0

8.24

8.20 8.30 8.40

Time-->

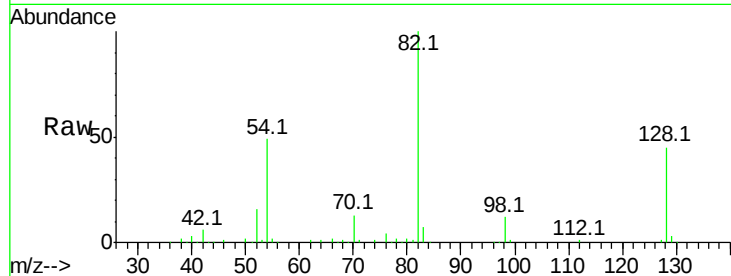




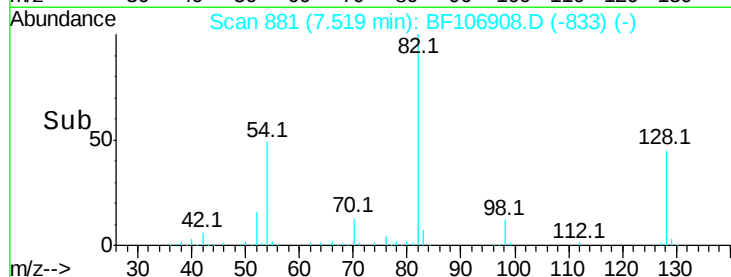
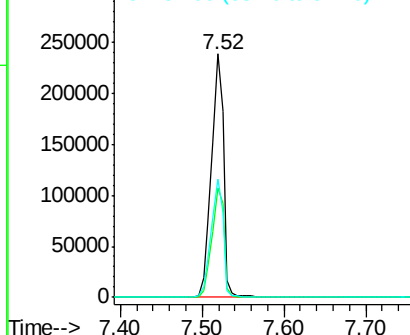
#23
 Nitrobenzene-d5
 Concen: 89.725 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106908.D
 Acq: 28 Jun 2018 8:11

Instrument :
 BNA_F
 ClientSampleId :
 062518-TIPC-F-D-B

Tot Ion	82	Resp	247408
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.1	54.1
54	48.5	41.4	62.2

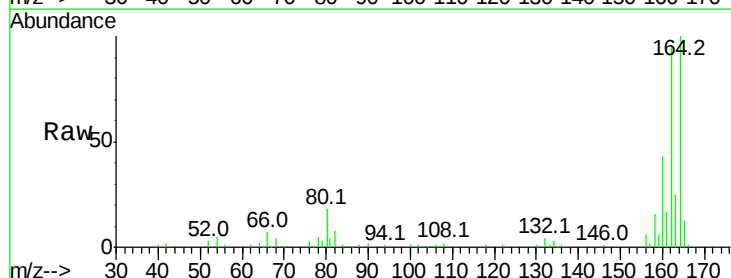


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

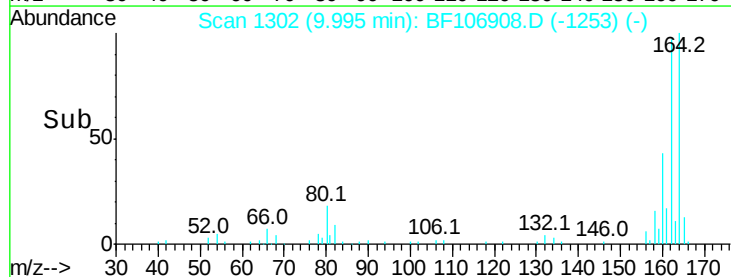
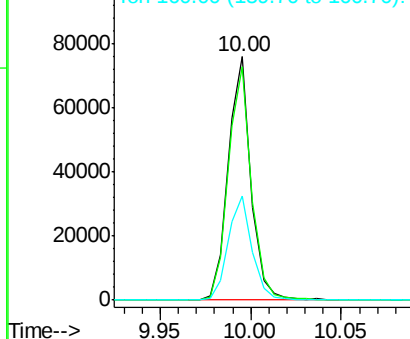


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106908.D
 Acq: 28 Jun 2018 8:11

Tgt Ion	164	Resp	66325
Ion Ratio	Lower	Upper	
164	100		
162	96.1	86.1	129.1
160	42.8	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

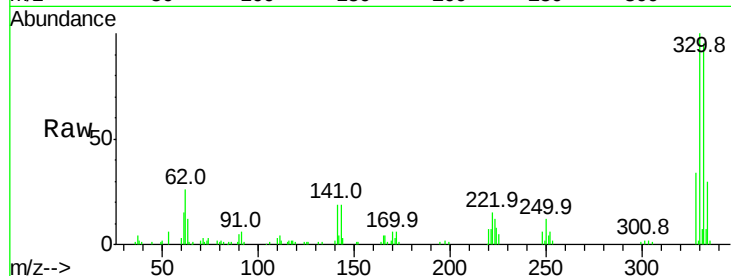




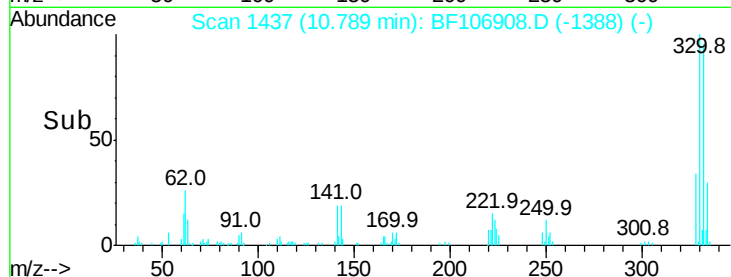
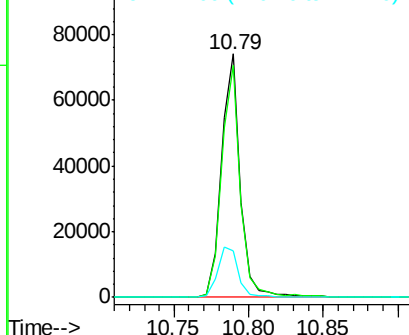
#41
 2,4,6-Tribromophenol
 Concen: 85.393 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106908.D
 Acq: 28 Jun 2018 8:11

Instrument :
 BNA_F
 ClientSampleId :
 062518-TIPC-F-D-B

Tot Ion:330 Resp: 65644
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 22.5 29.9 44.9#

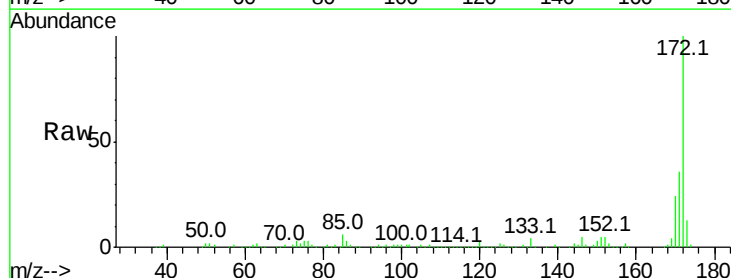


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

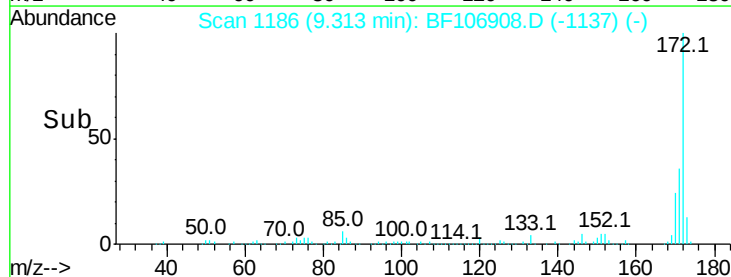
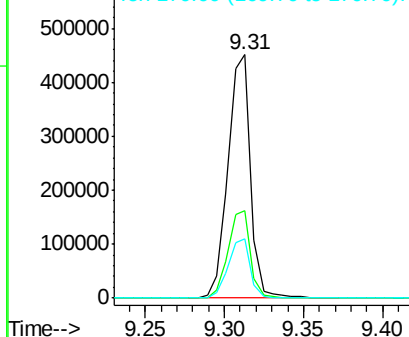


#44
 2-Fluorobiphenyl
 Concen: 119.096 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106908.D
 Acq: 28 Jun 2018 8:11

Tgt Ion:172 Resp: 443489
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.1 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: 3.245 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106908.D

Acq: 28 Jun 2018 8:11

Instrument :

BNA_F

ClientSampleId :

062518-TIPC-F-D-B

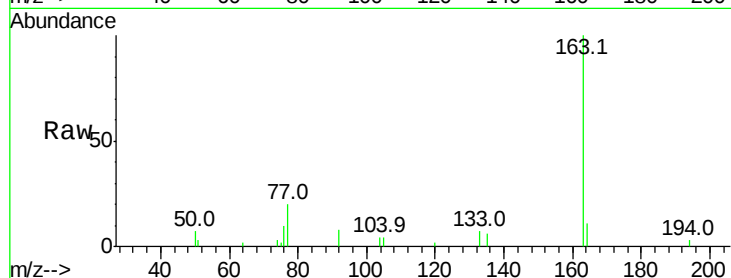
Tot Ion:163 Resp: 16140

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

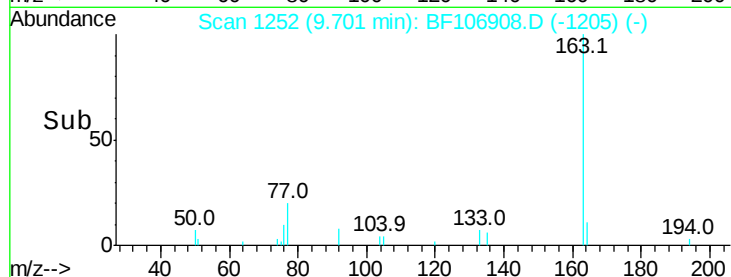
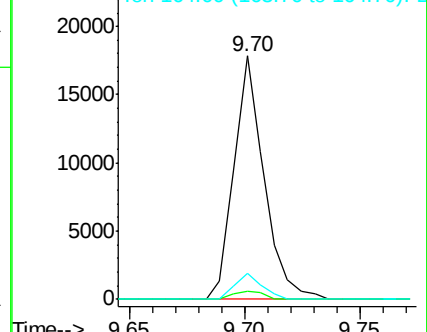
164 10.8 8.2 12.2



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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106908.D

Acq: 28 Jun 2018 8:11

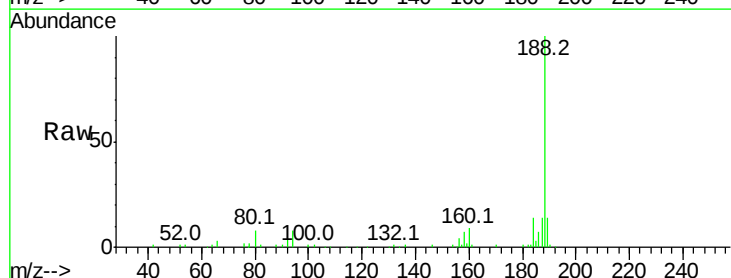
Tgt Ion:188 Resp: 111503

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

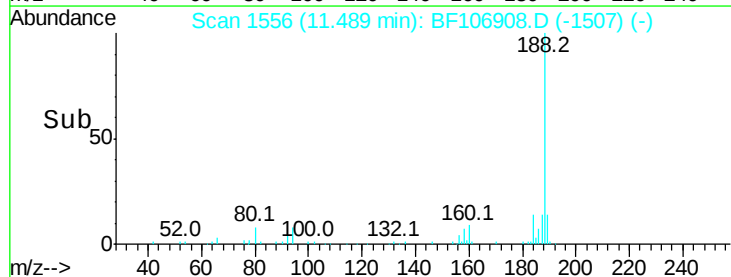
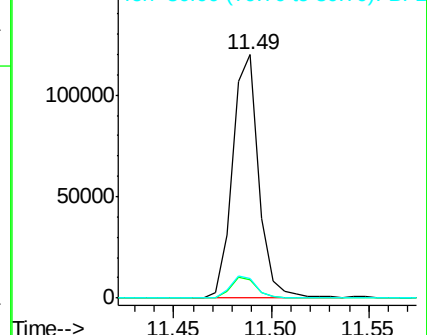
80 7.9 9.2 13.8#

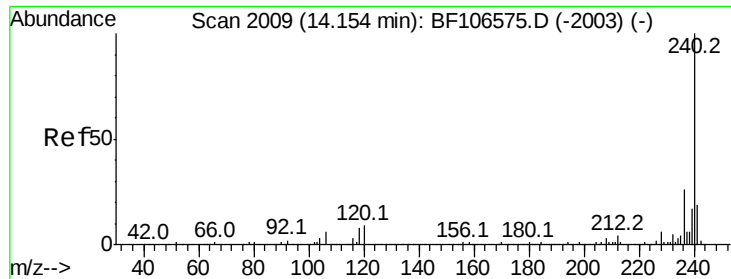


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2006

Delta R.T. -0.03 min

Lab File: BF106908.D

Acq: 28 Jun 2018 8:11

Instrument :

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ClientSampleId :

062518-TIPC-F-D-B

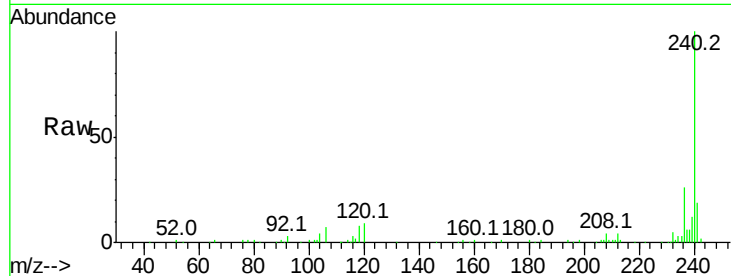
Tot Ion:240 Resp: 124710

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

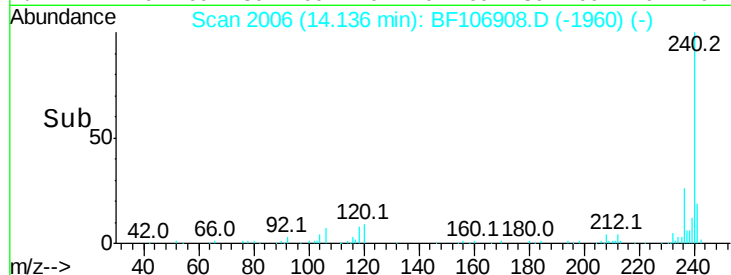
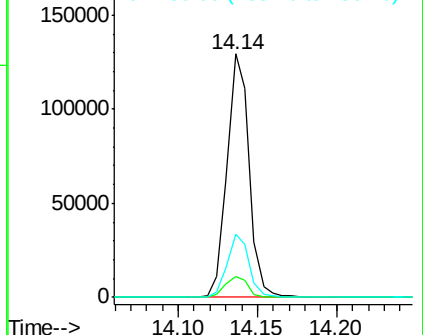
236 25.9 20.7 31.1



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: 86.522 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106908.D

Acq: 28 Jun 2018 8:11

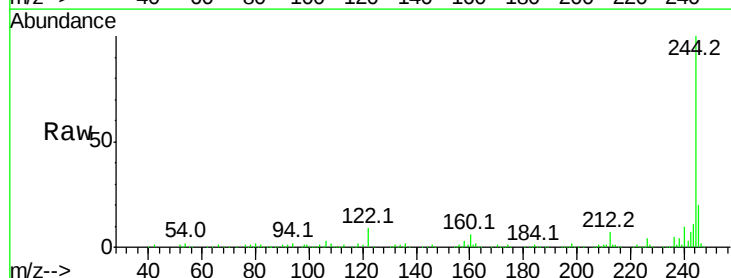
Tgt Ion:244 Resp: 445453

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

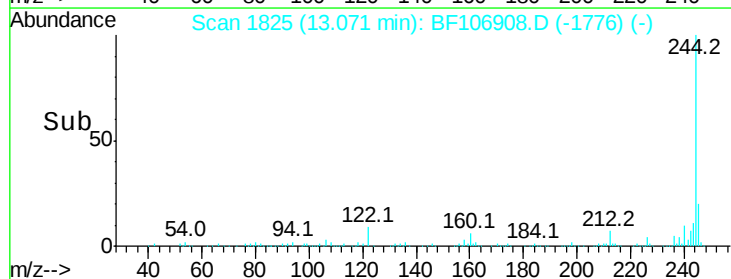
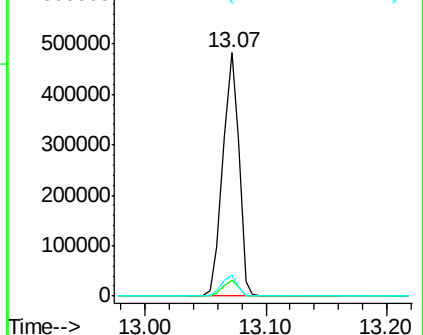
122 8.8 11.0 16.4#



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

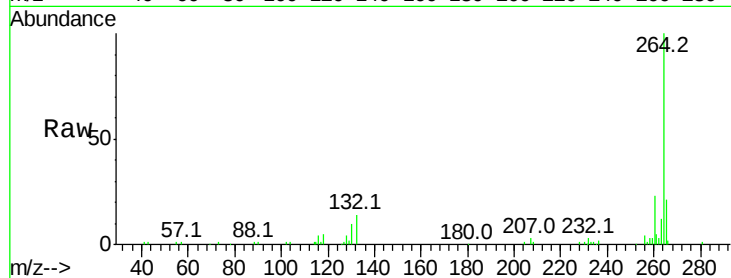




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106908.D
 Acq: 28 Jun 2018 8:11

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.6	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

