

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106662.D
 Acq On : 21 Jun 2018 15:26
 Operator : JU/SJ
 Sample : J3584-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Quant Time: Jun 21 15:54:54 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

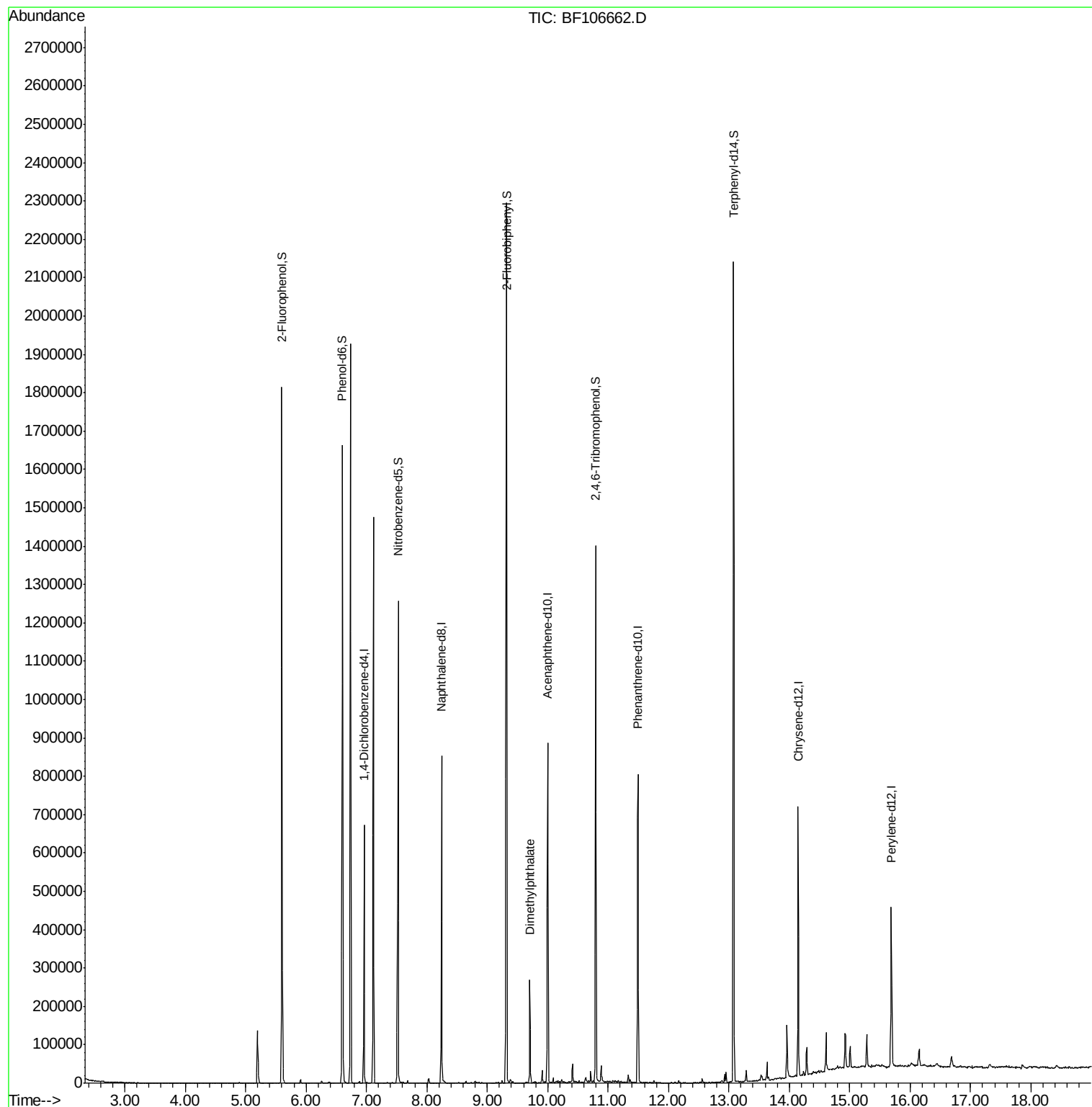
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	90046	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	344009	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	170699	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	299496	20.00	ng	0.00
75) Chrysene-d12	14.15	240	236513	20.00	ng	0.00
86) Perylene-d12	15.69	264	184867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	493632	92.83	ng	0.00
7) Phenol-d6	6.60	99	636076	95.78	ng	0.00
23) Nitrobenzene-d5	7.52	82	411917	66.54	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	191498	96.79	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	733098	70.11	ng	0.00
78) Terphenyl-d14	13.08	244	741066	75.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	96101	7.506	ng	Qvalue # 98

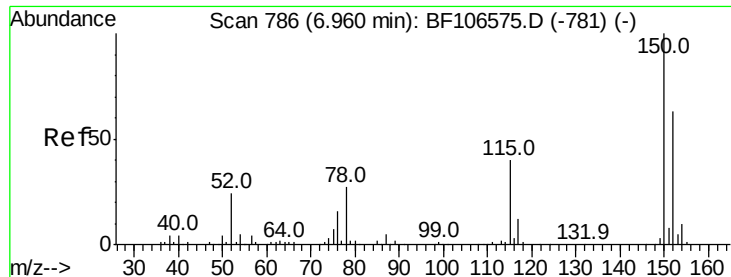
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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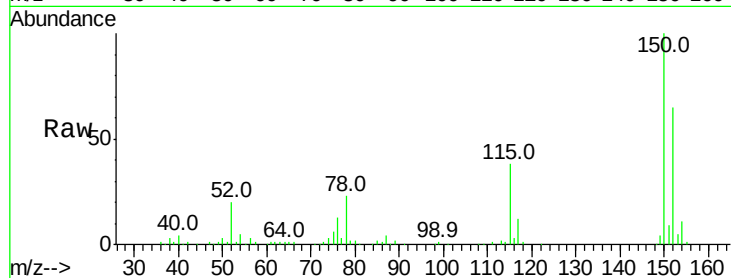


#1

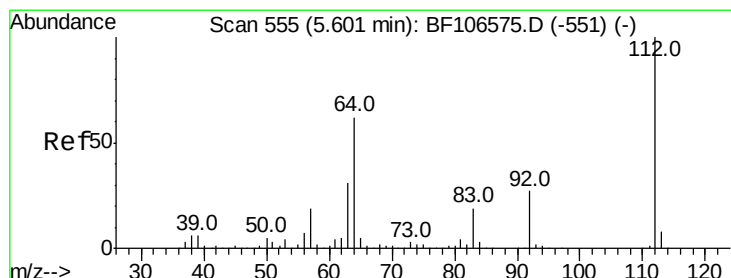
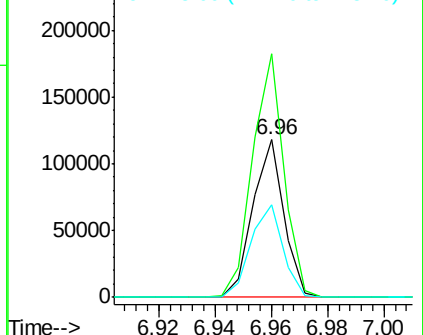
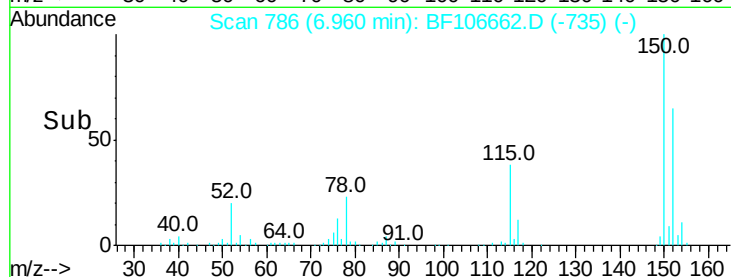
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Instrument :
BNA_F
ClientSampled :
TP-1-D

Tot Ion:152 Resp: 90046
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 58.6 50.1 75.1



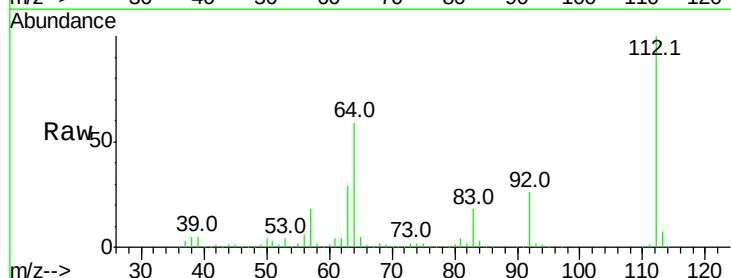
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



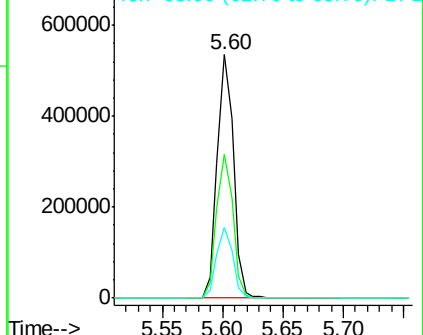
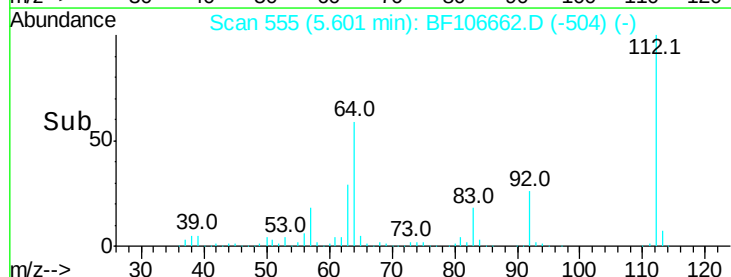
#5

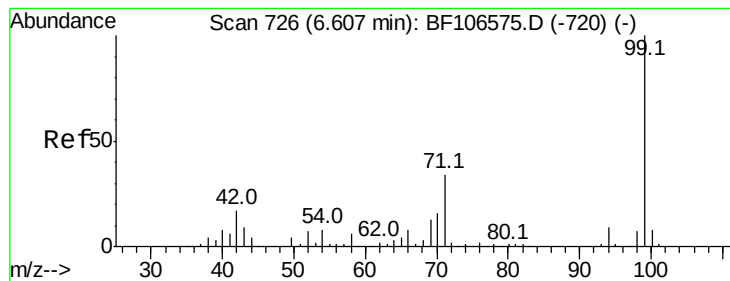
2-Fluorophenol
Concen: 92.828 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Tgt Ion:112 Resp: 493632
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 29.2 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: 95.783 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

Instrument :

BNA_F

ClientSampleId :

TP-1-D

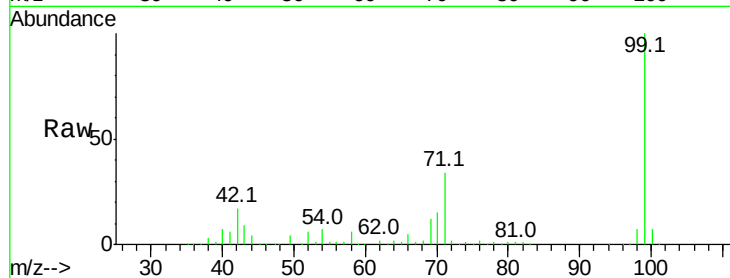
Tot Ion: 99 Resp: 636076

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

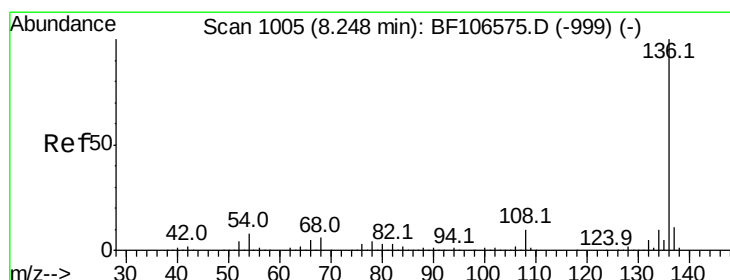
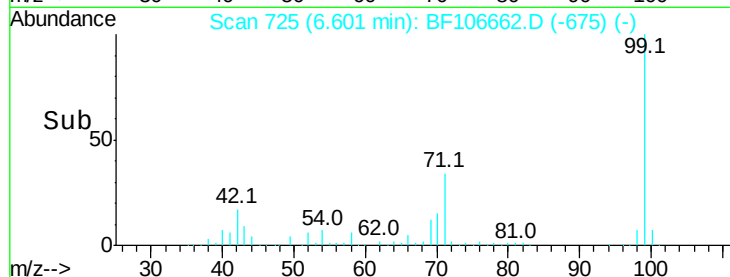
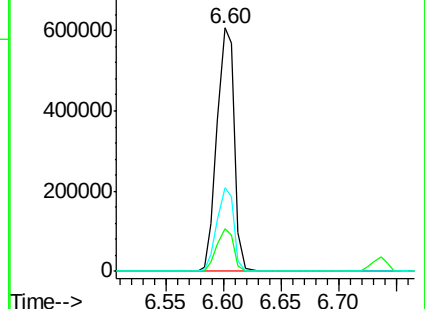
71 34.4 25.4 38.0



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: BF106662.D

Acq: 21 Jun 2018 15:26

Tgt Ion: 136 Resp: 344009

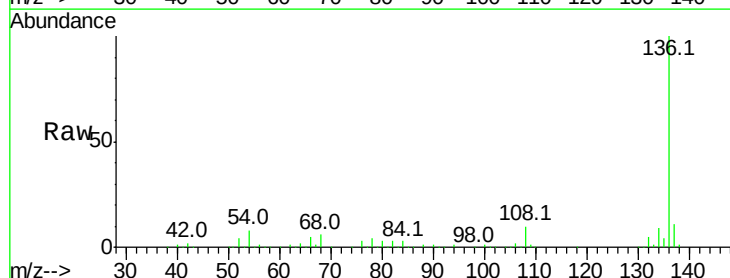
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.6 9.8

68 6.4 5.0 7.4

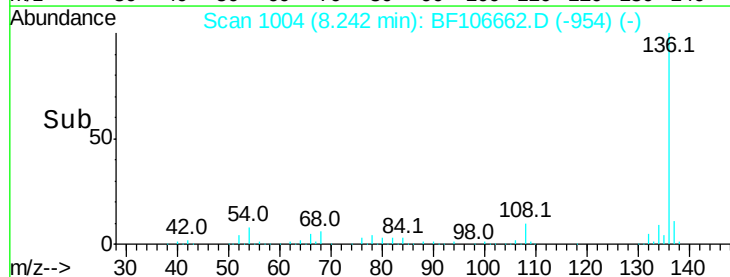
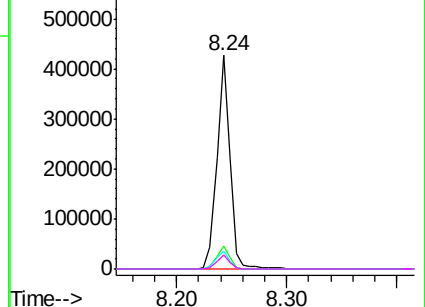


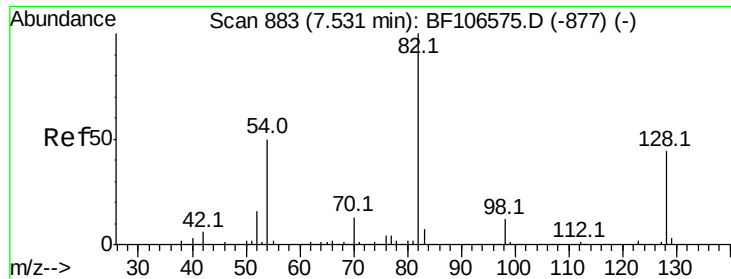
Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.544 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

Instrument :

BNA_F

ClientSampled :

TP-1-D

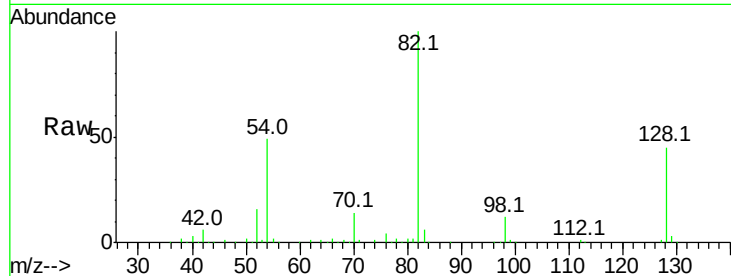
Tot Ion: 82 Resp: 411917

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	49.3	41.4	62.2

82 100

128 45.0 36.1 54.1

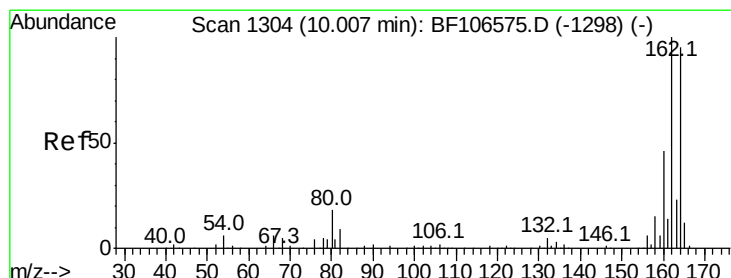
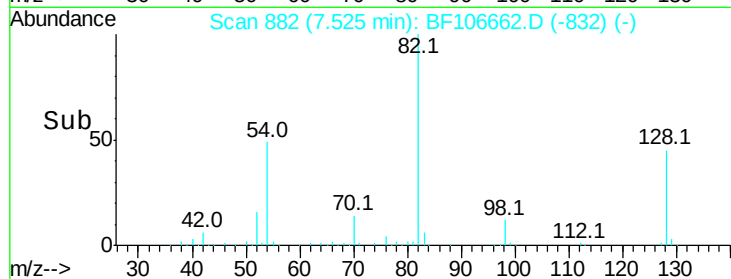
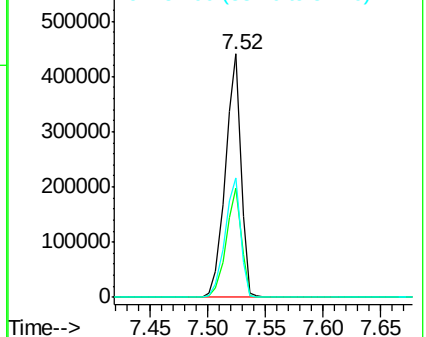
54 49.3 41.4 62.2



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: BF106662.D

Acq: 21 Jun 2018 15:26

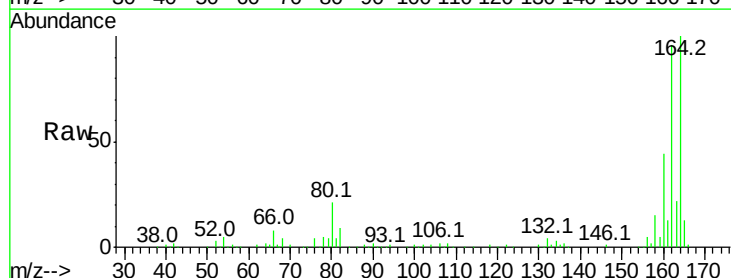
Tgt Ion: 164 Resp: 170699

Ion	Ratio	Lower	Upper
164	100		
162	95.9	86.1	129.1
160	44.2	38.3	57.5

164 100

162 95.9 86.1 129.1

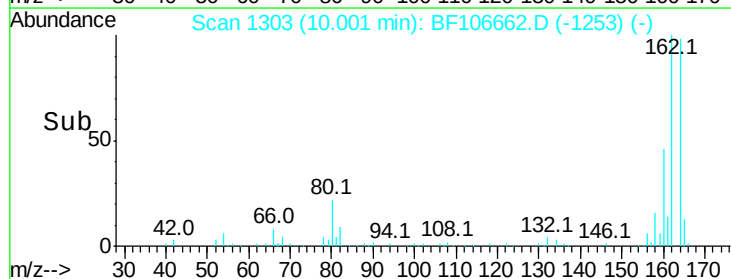
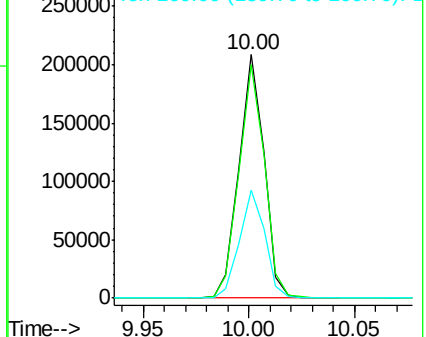
160 44.2 38.3 57.5

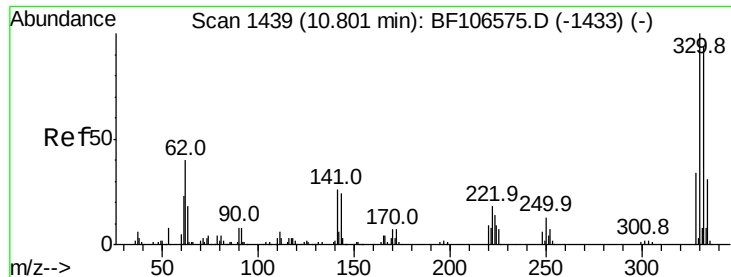


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

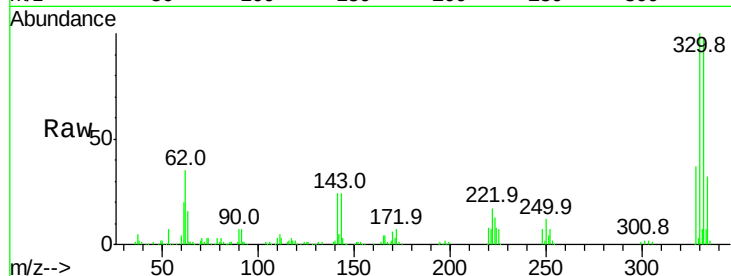




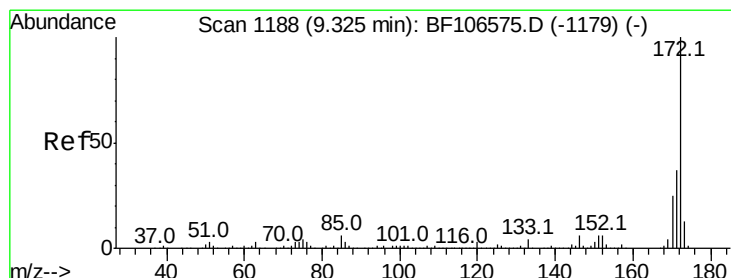
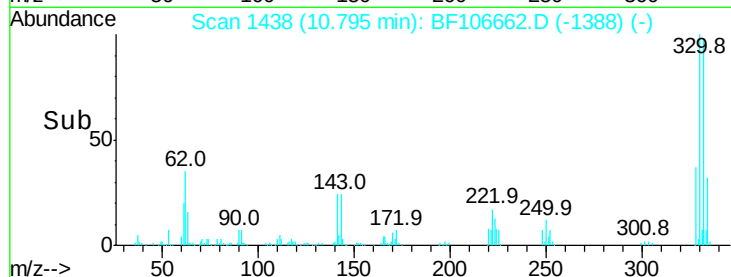
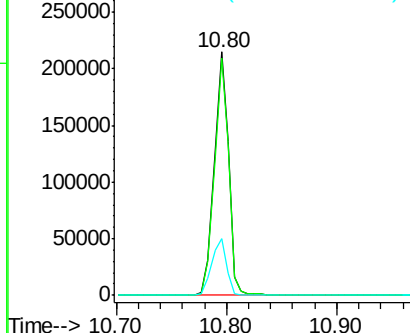
#41
 2,4,6-Tribromophenol
 Concen: 96.792 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106662.D
 Acq: 21 Jun 2018 15:26

Instrument :
 BNA_F
 ClientSampled :
 TP-1-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	24.1	29.9	44.9#

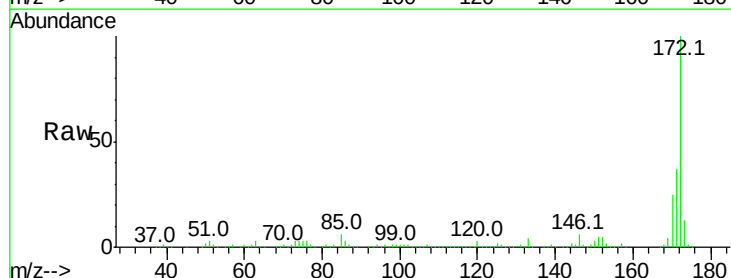


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

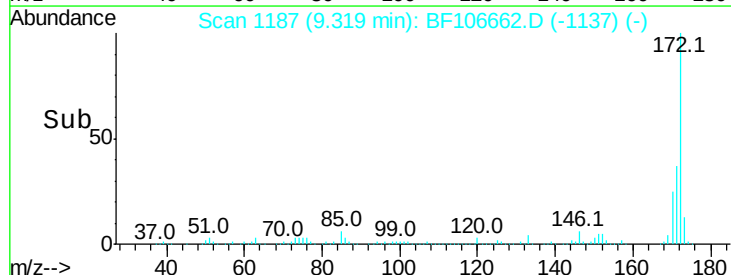
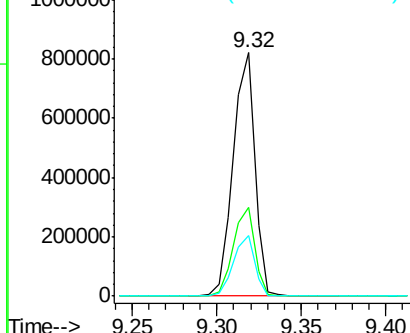


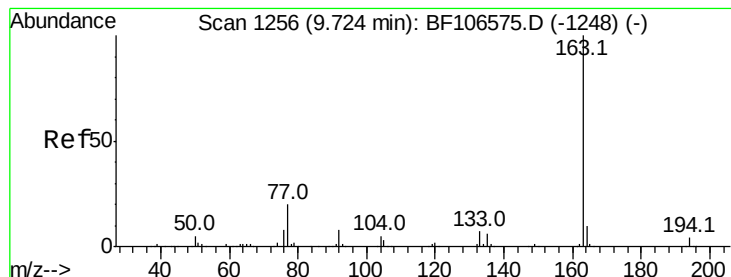
#44
 2-Fluorobiphenyl
 Concen: 70.109 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106662.D
 Acq: 21 Jun 2018 15:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: 7.506 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

Instrument :

BNA_F

ClientSampleId :

TP-1-D

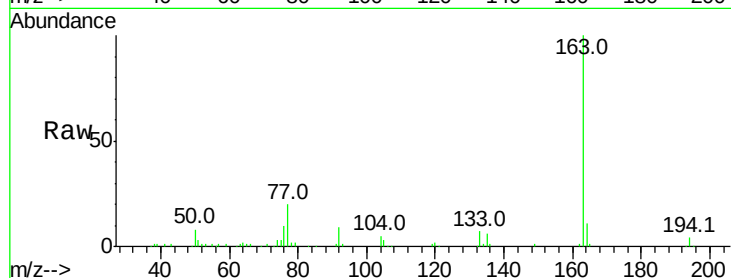
Tot Ion:163 Resp: 96101

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

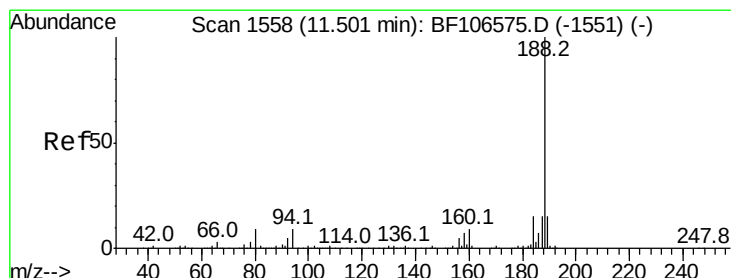
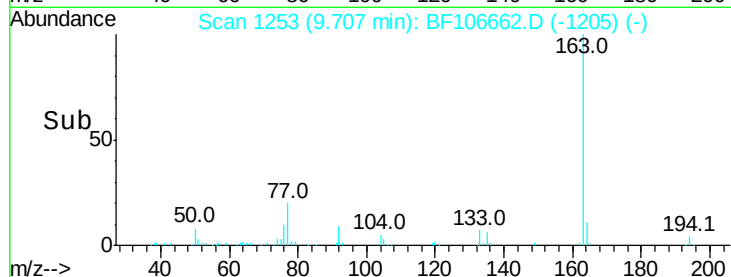
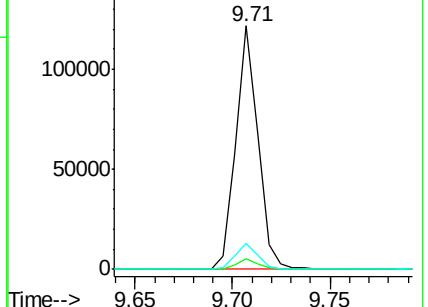
164 10.8 8.2 12.2



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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

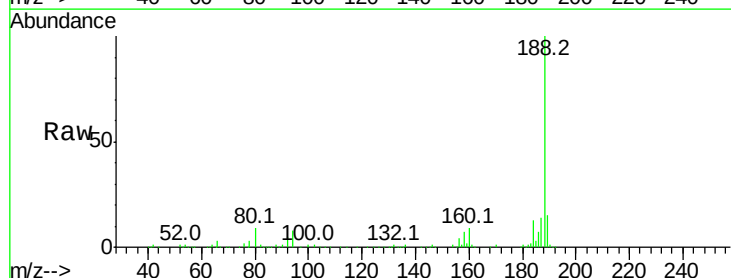
Tgt Ion:188 Resp: 299496

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

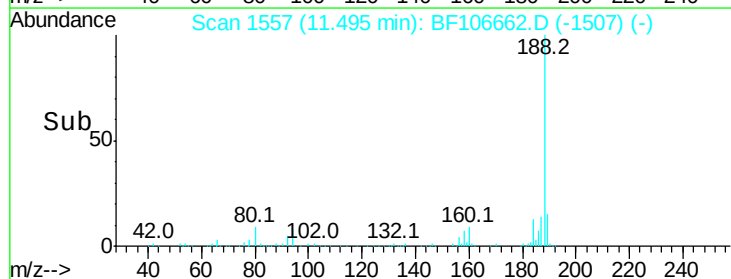
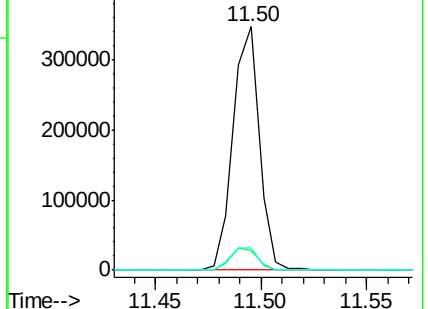
80 9.1 9.2 13.8#

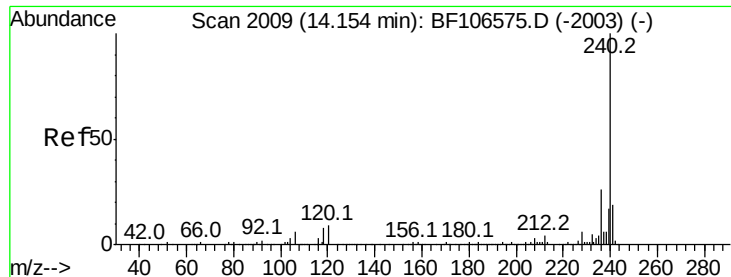


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

Instrument :

BNA_F

ClientSampleId :

TP-1-D

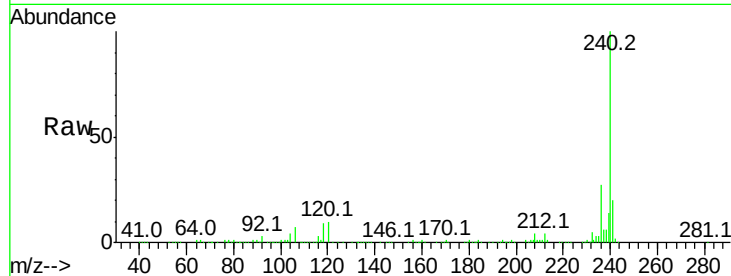
Tot Ion:240 Resp: 236513

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

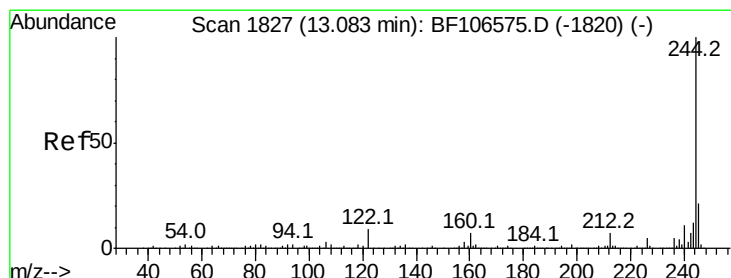
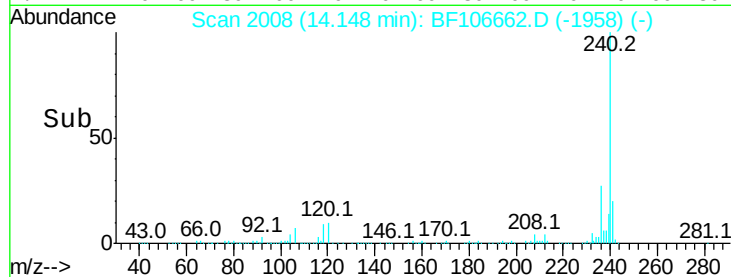
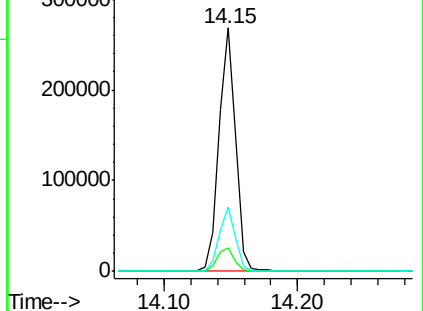
236 26.6 20.7 31.1



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: 75.898 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

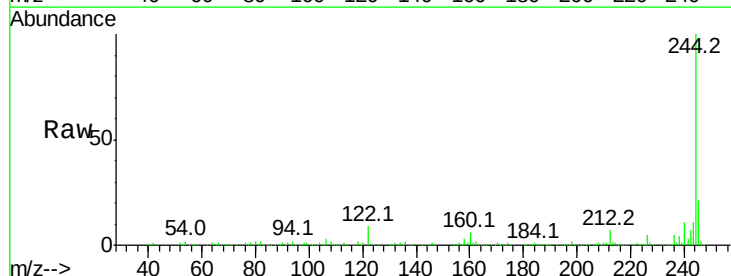
Tgt Ion:244 Resp: 741066

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

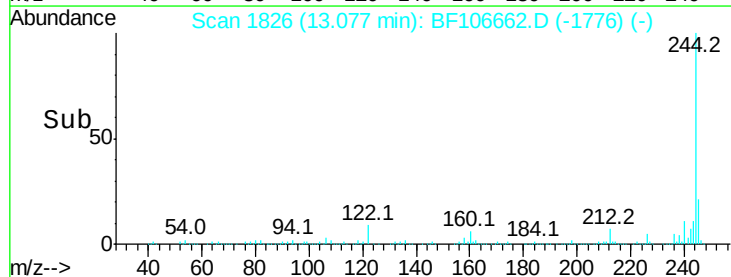
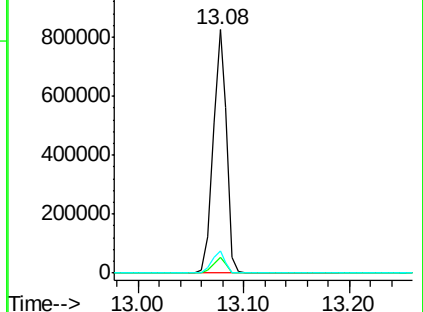
122 9.1 11.0 16.4#

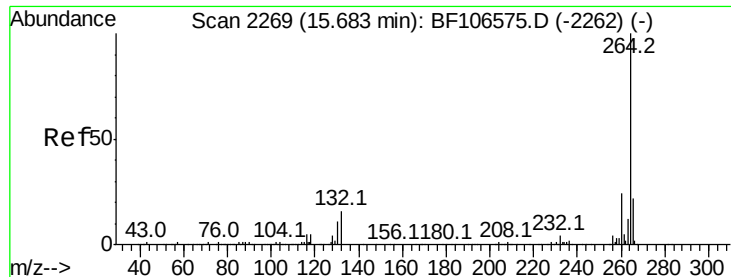


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

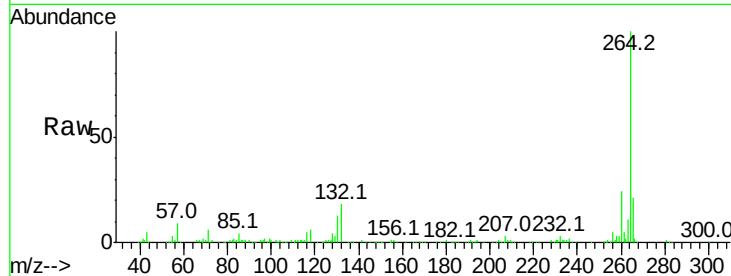




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

