

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107804.D
 Acq On : 30 Jul 2018 17:13
 Operator : JU/SJ
 Sample : PB111493BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BL

Quant Time: Jul 30 18:32:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	150460	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	652792	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	306291	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	679802	20.00	ng	0.00
75) Chrysene-d12	14.15	240	561402	20.00	ng	0.00
86) Perylene-d12	15.68	264	452298	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	921181	104.05	ng	0.00
7) Phenol-d6	6.60	99	1166906	100.01	ng	0.00
23) Nitrobenzene-d5	7.52	82	748270	66.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	404063	97.09	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1525201	69.39	ng	0.00
78) Terphenyl-d14	13.08	244	1818123	70.23	ng	0.00

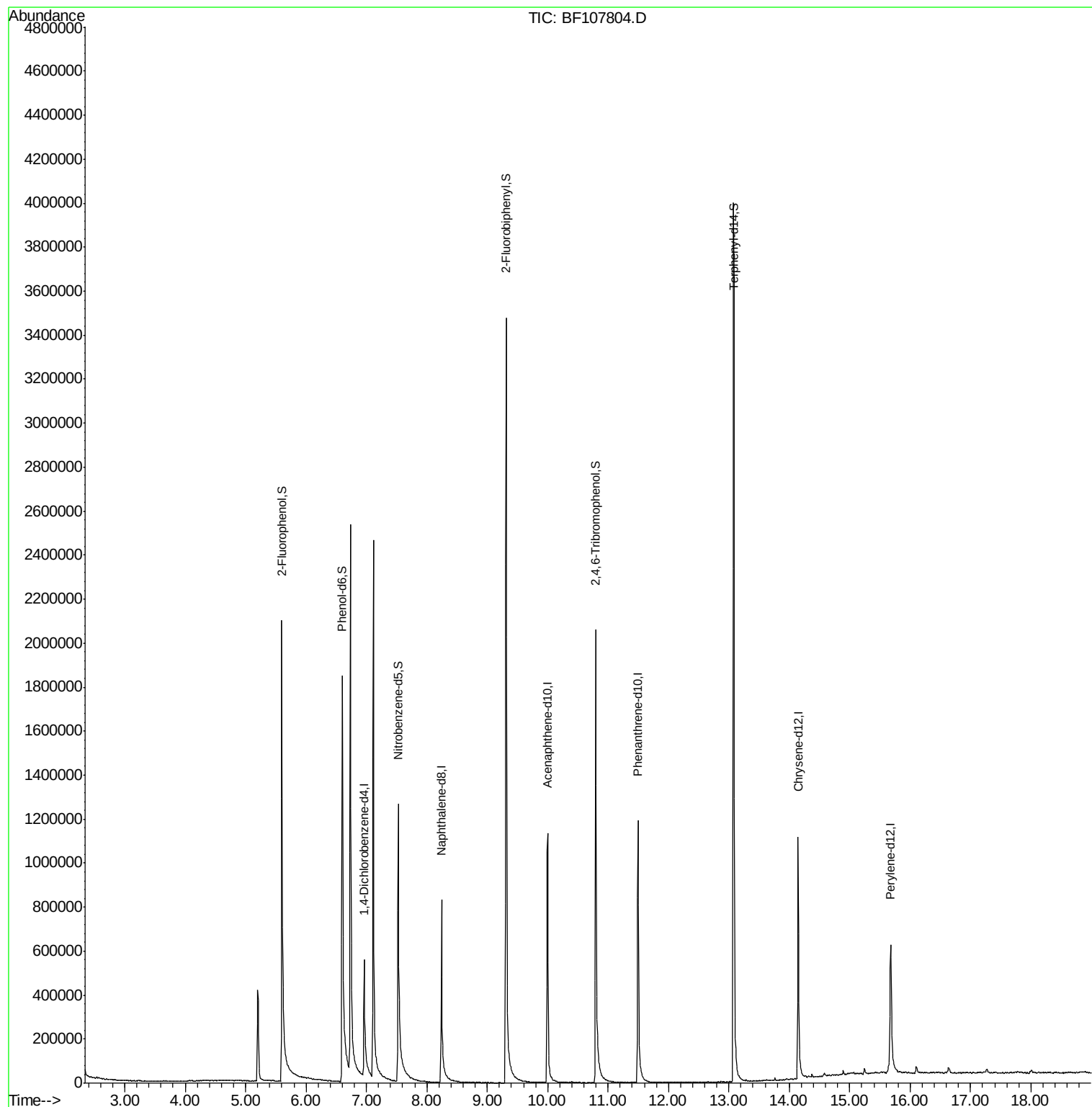
Target Compounds Qvalue

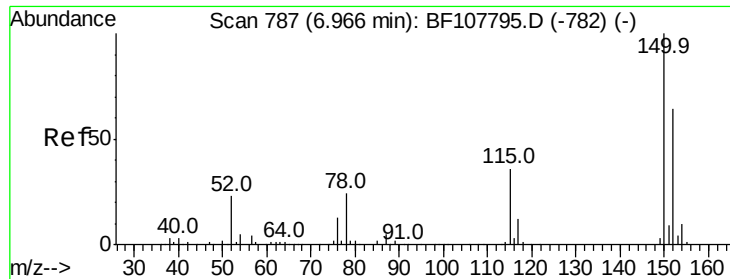
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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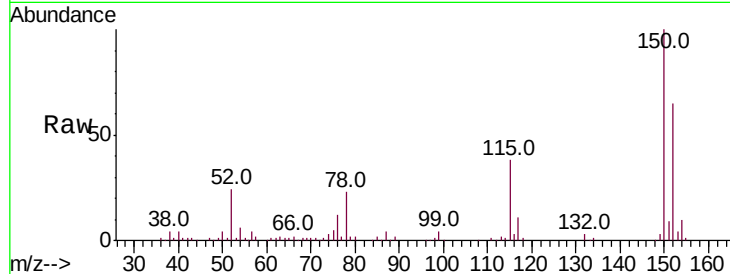


#1

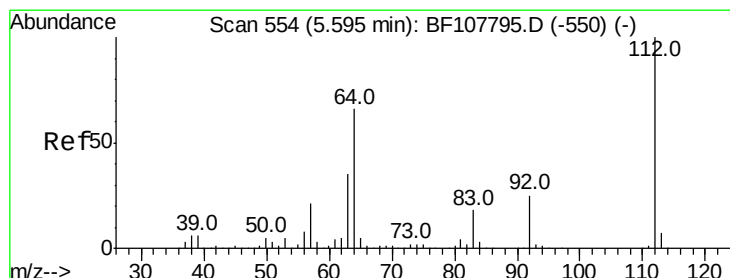
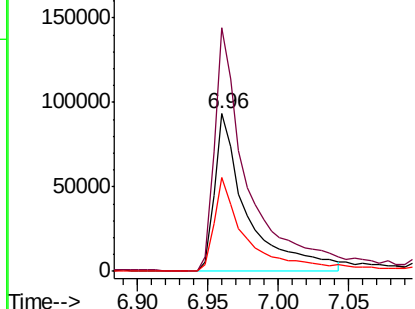
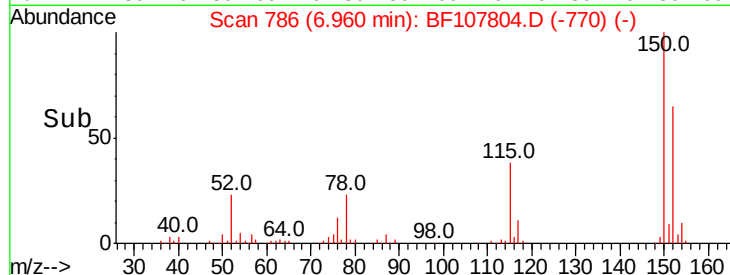
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107804.D
Acq: 30 Jul 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB111493BL

Tot Ion:152 Resp: 150460
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 59.5 50.1 75.1



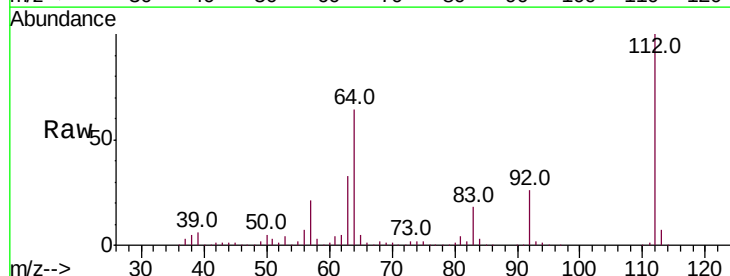
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



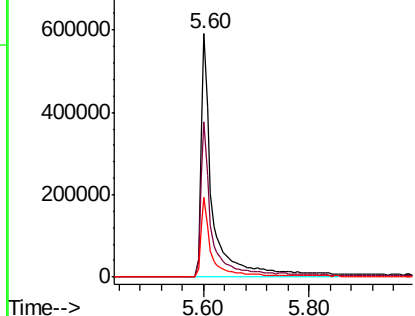
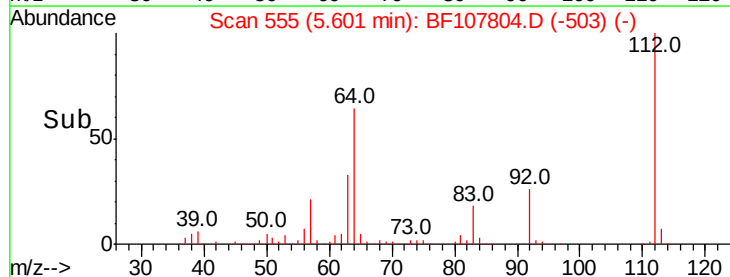
#5

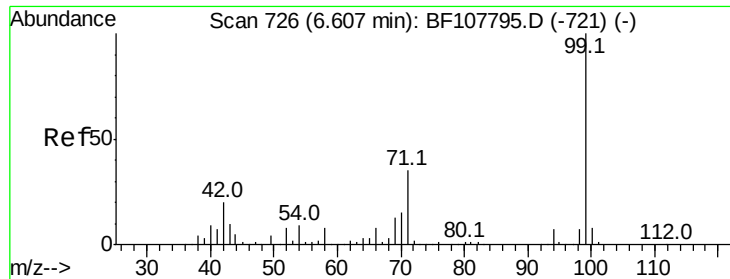
2-Fluorophenol
Concen: 104.054 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107804.D
Acq: 30 Jul 2018 17:13

Tgt Ion:112 Resp: 921181
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 32.7 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: 100.012 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107804.D

Acq: 30 Jul 2018 17:13

Instrument :

BNA_F

ClientSampleId :

PB111493BL

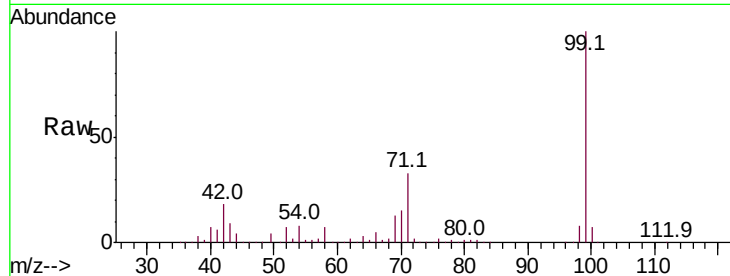
Tot Ion: 99 Resp: 1166906

Ion Ratio Lower Upper

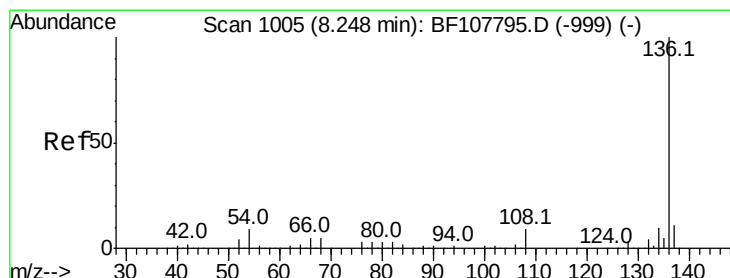
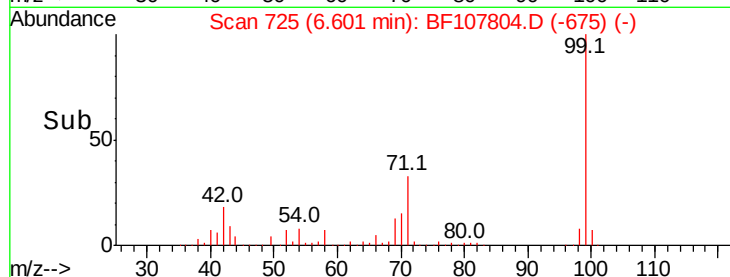
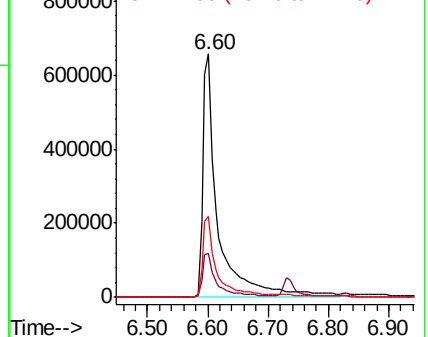
99 100

42 18.0 14.5 21.7

71 33.2 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: BF107804.D

Acq: 30 Jul 2018 17:13

Tgt Ion: 136 Resp: 652792

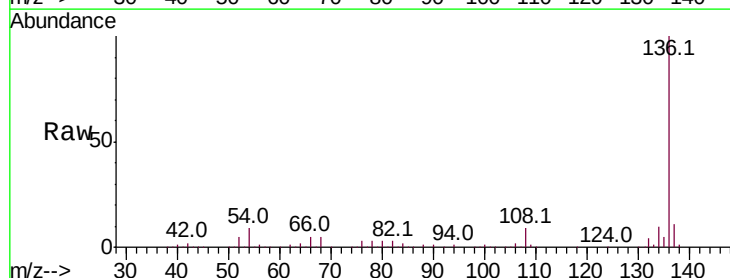
Ion Ratio Lower Upper

136 100

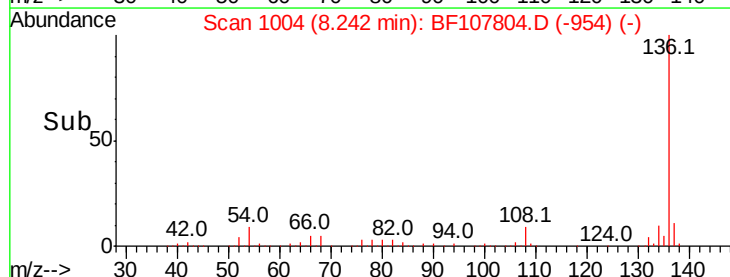
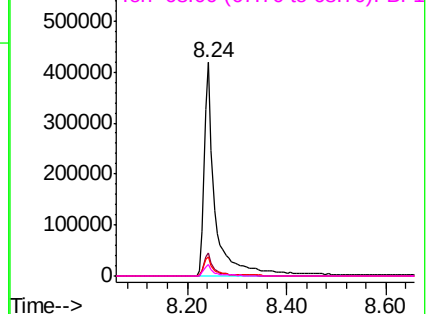
137 10.9 8.9 13.3

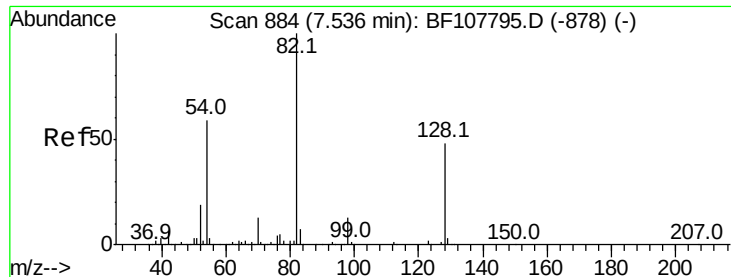
54 9.2 6.6 9.8

68 5.2 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: 66.036 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107804.D

Acq: 30 Jul 2018 17:13

Instrument :

BNA_F

ClientSampleId :

PB111493BL

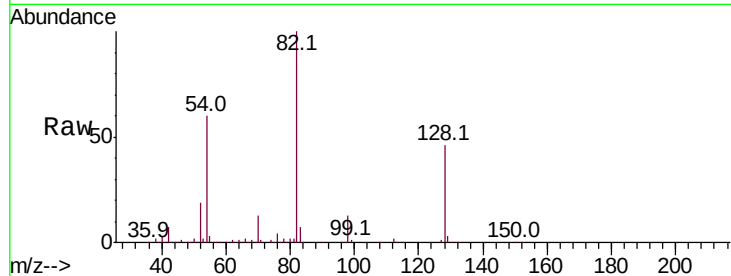
Tot Ion: 82 Resp: 748270

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

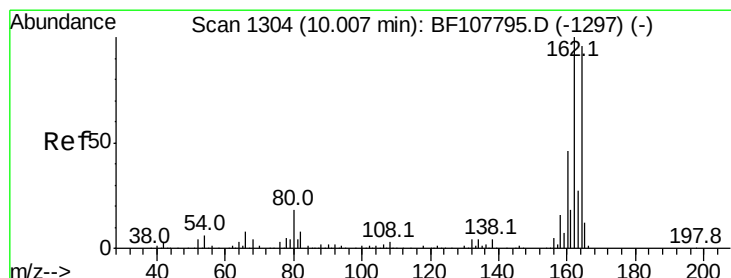
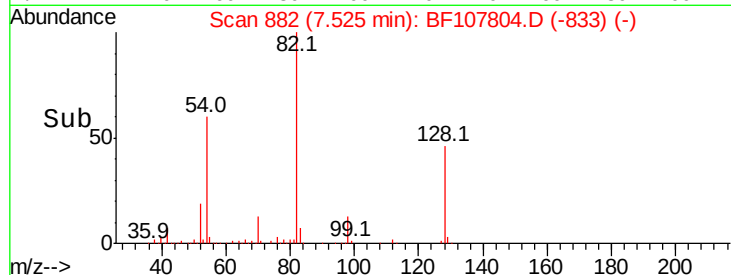
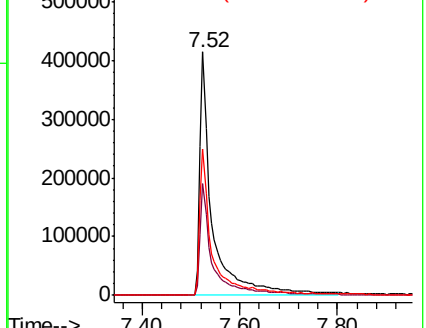
54 59.9 41.4 62.2



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: BF107804.D

Acq: 30 Jul 2018 17:13

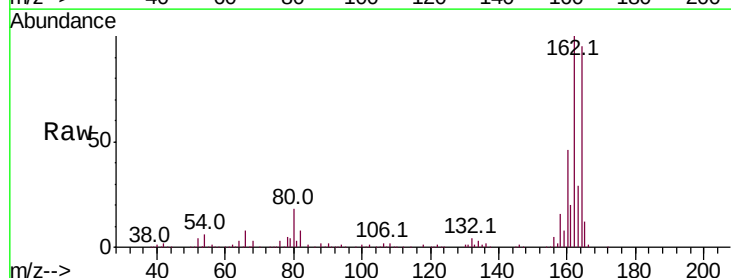
Tgt Ion:164 Resp: 306291

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

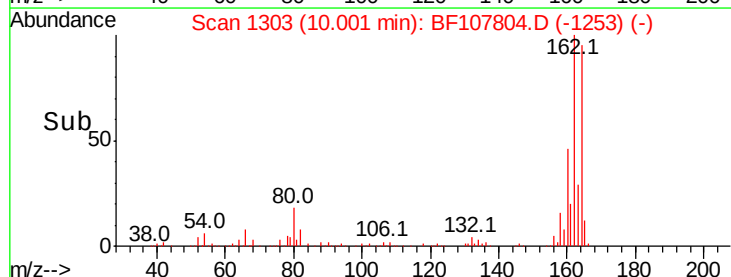
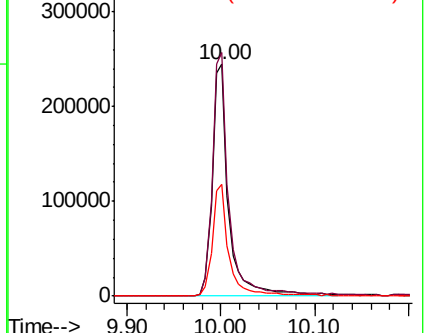
160 48.4 38.3 57.5

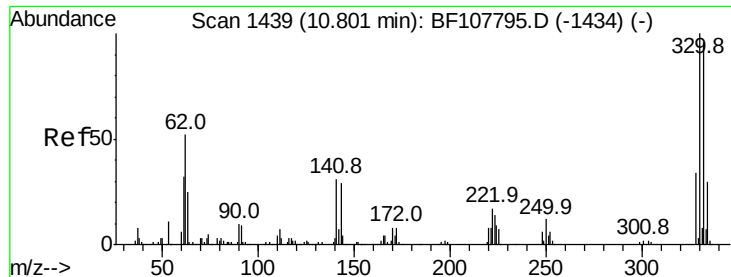


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

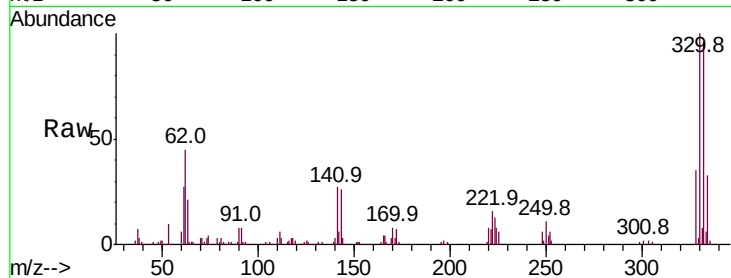




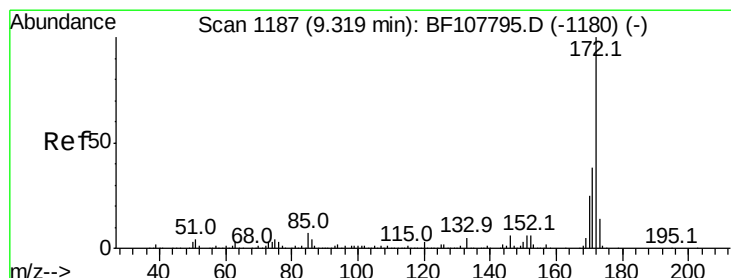
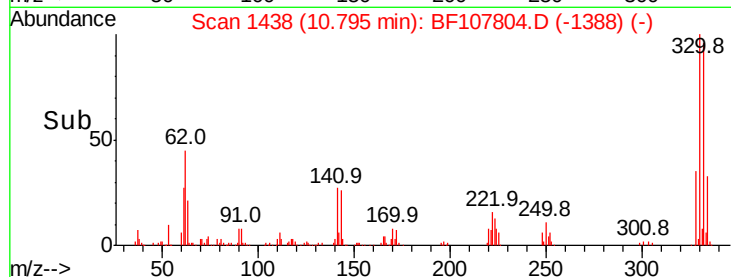
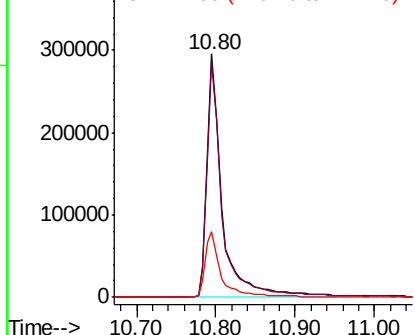
#41
 2,4,6-Tribromophenol
 Concen: 97.087 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107804.D
 Acq: 30 Jul 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BL

Tot Ion:330 Resp: 404063
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 28.7 29.9 44.9#

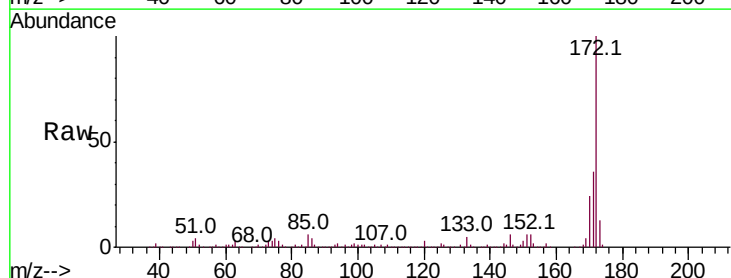


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

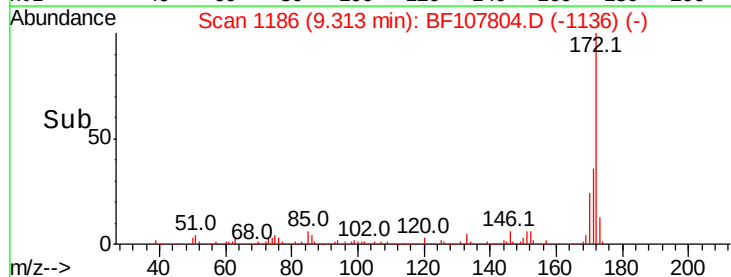
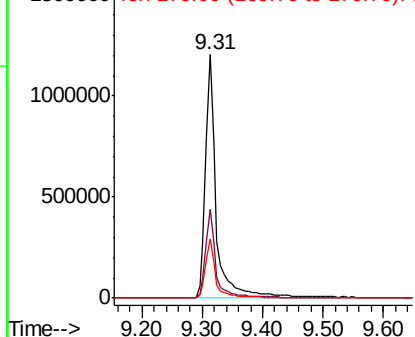


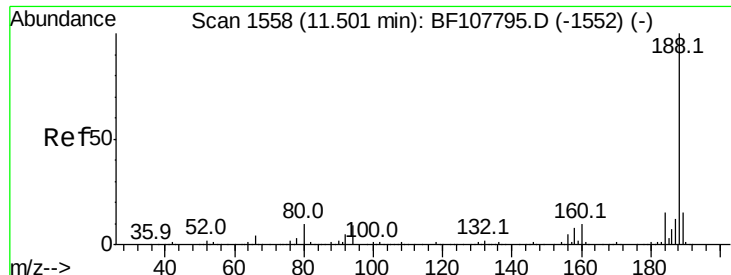
#44
 2-Fluorobiphenyl
 Concen: 69.390 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107804.D
 Acq: 30 Jul 2018 17:13

Tgt Ion:172 Resp: 1525201
 Ion Ratio Lower Upper
 172 100
 171 36.4 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107804.D

Acq: 30 Jul 2018 17:13

Instrument :

BNA_F

ClientSampleId :

PB111493BL

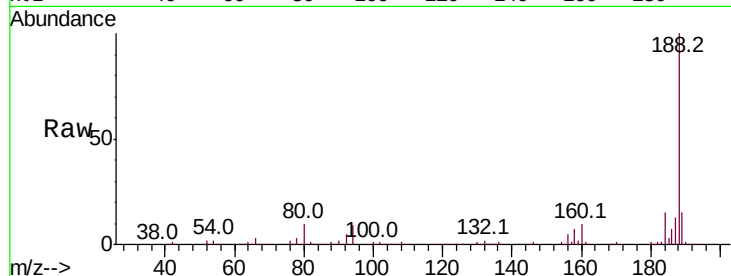
Tot Ion:188 Resp: 679802

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

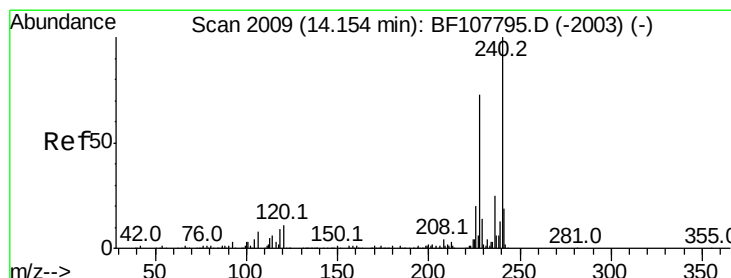
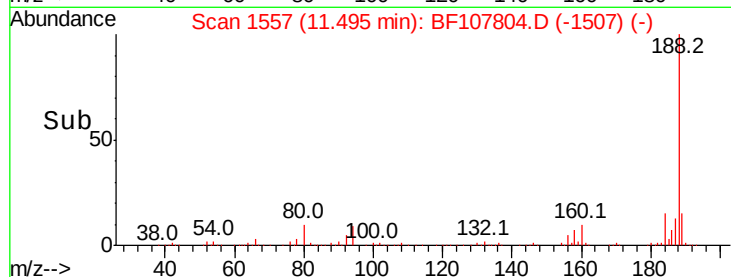
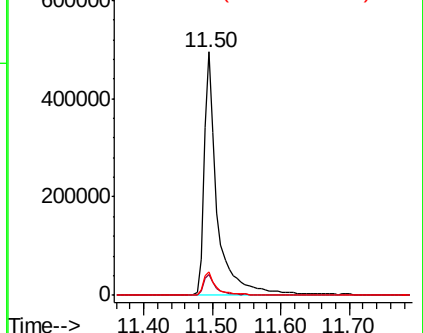
80 9.7 9.2 13.8



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: BF107804.D

Acq: 30 Jul 2018 17:13

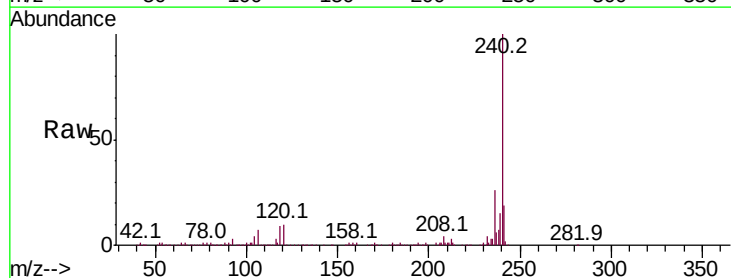
Tgt Ion:240 Resp: 561402

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

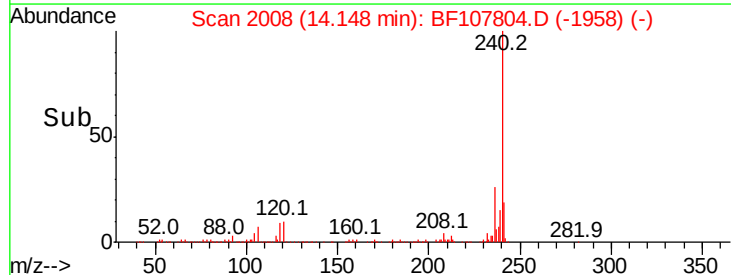
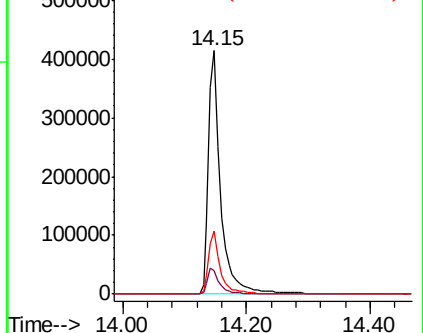
236 26.0 20.7 31.1

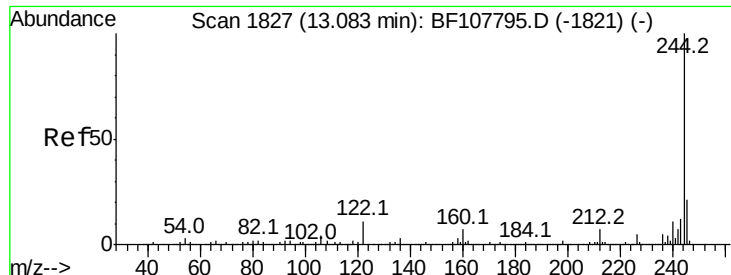


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.225 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107804.D

Acq: 30 Jul 2018 17:13

Instrument :

BNA_F

ClientSampleId :

PB111493BL

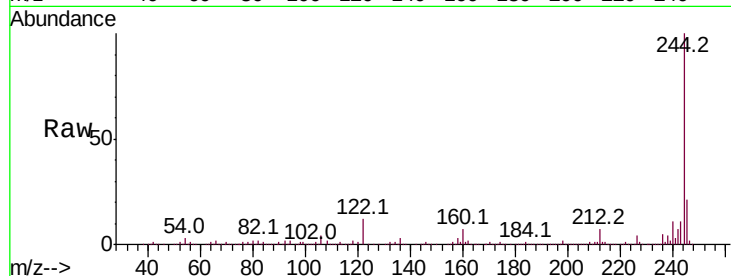
Tot Ion:244 Resp: 1818123

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

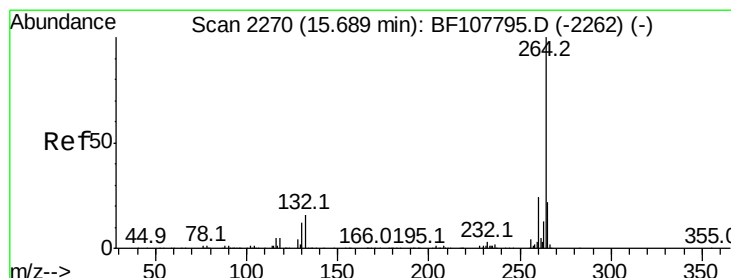
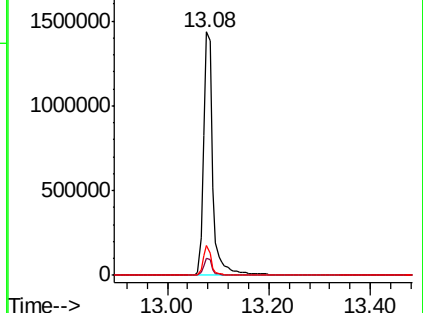
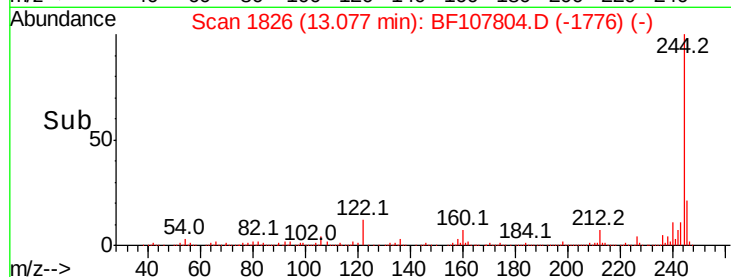
122 12.0 11.0 16.4



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: BF107804.D

Acq: 30 Jul 2018 17:13

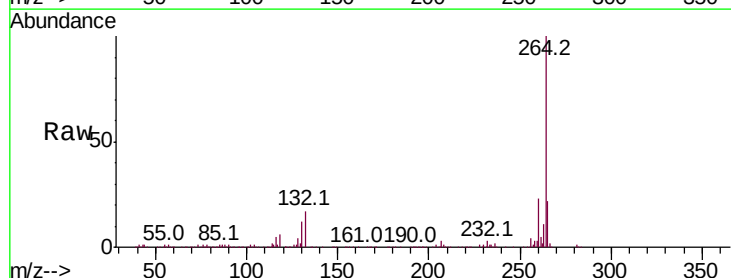
Tgt Ion:264 Resp: 452298

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.9 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

