

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107384.D
 Acq On : 14 Jul 2018 00:03
 Operator : JU/SJ
 Sample : J3947-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-3

Quant Time: Jul 14 02:49:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

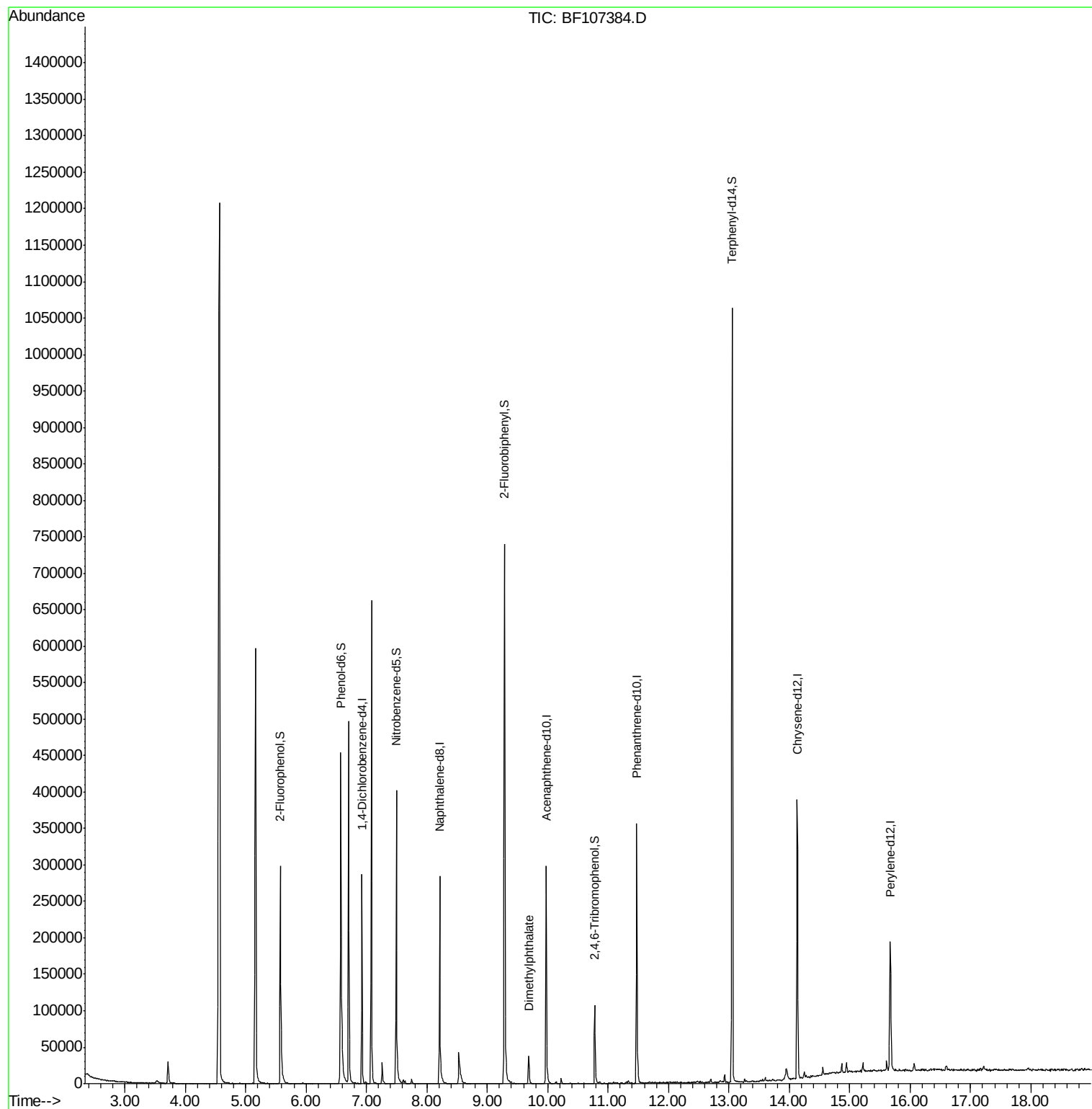
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	44676	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	155575	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	75125	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	162560	20.00	ng	0.00
75) Chrysene-d12	14.13	240	151463	20.00	ng	0.00
86) Perylene-d12	15.67	264	109123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	115564	43.80	ng	0.00
7) Phenol-d6	6.57	99	210048	63.75	ng	0.00
23) Nitrobenzene-d5	7.50	82	149408	53.37	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	19840	22.79	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	303451	64.88	ng	0.00
78) Terphenyl-d14	13.06	244	424786	67.93	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	25079	4.451	ng	99

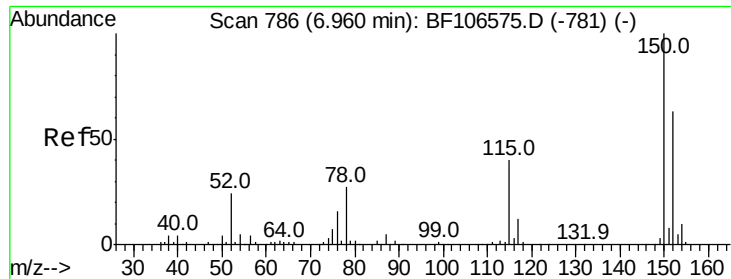
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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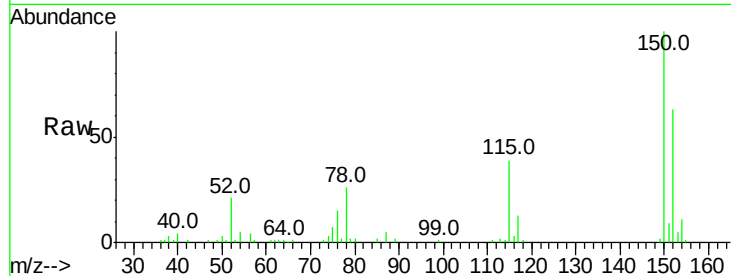


#1

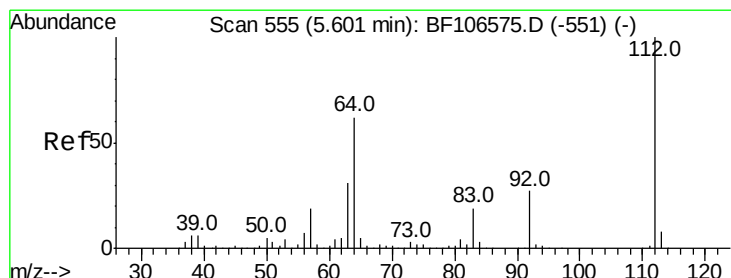
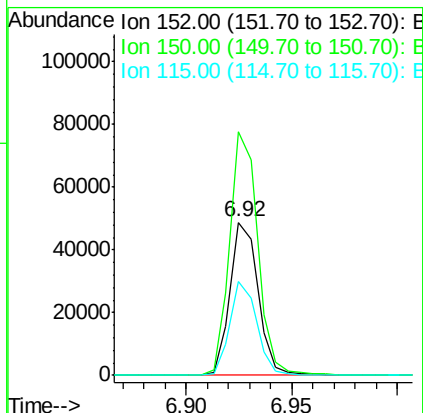
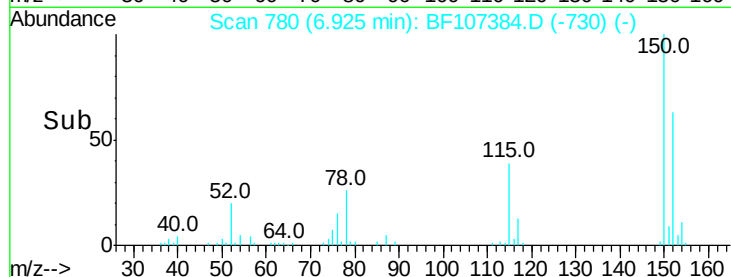
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-3

Tot Ion:152 Resp: 44676
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 61.4 50.1 75.1



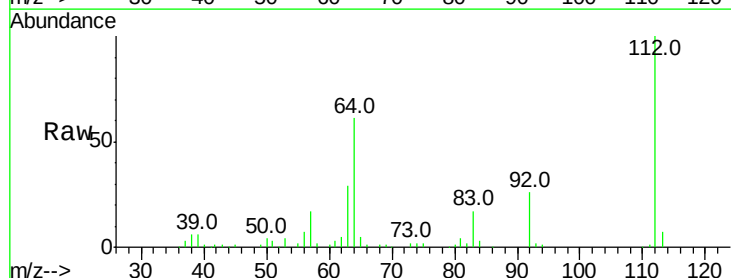
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



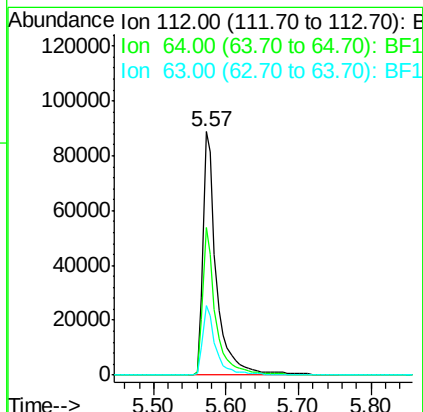
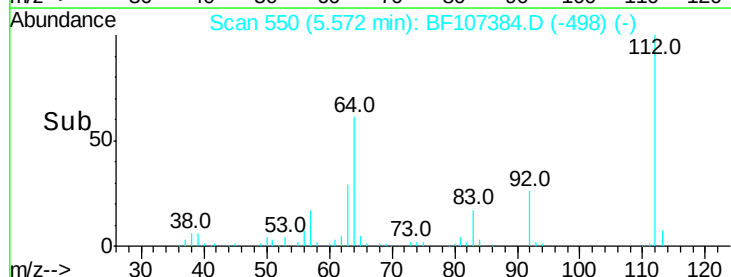
#5

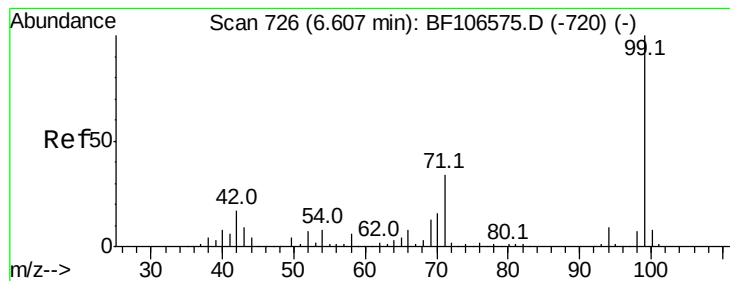
2-Fluorophenol
Concen: 43.801 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Tgt Ion:112 Resp: 115564
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 28.7 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: 63.751 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107384.D

Acq: 14 Jul 2018 00:03

Instrument :

BNA_F

ClientSampleId :

NEW-FOOTING-3

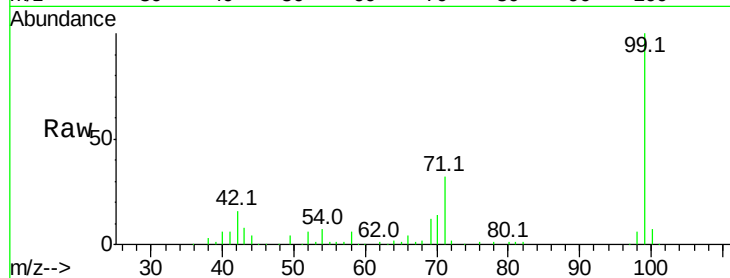
Tot Ion: 99 Resp: 210048

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

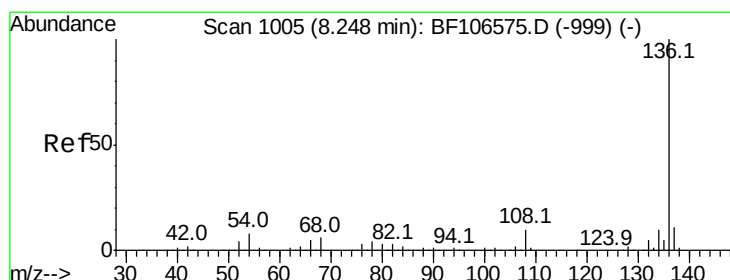
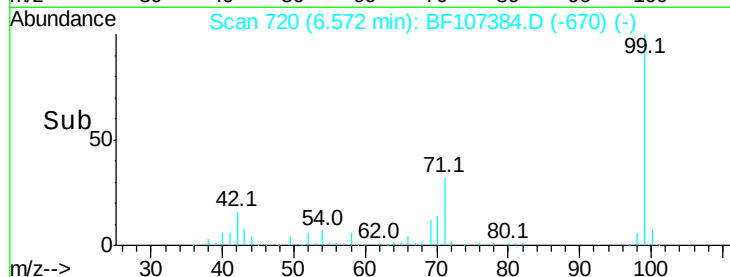
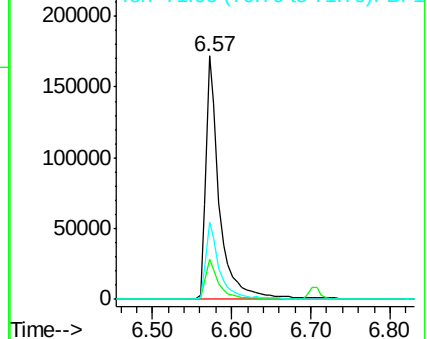
71 31.8 25.4 38.0



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: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107384.D

Acq: 14 Jul 2018 00:03

Tgt Ion: 136 Resp: 155575

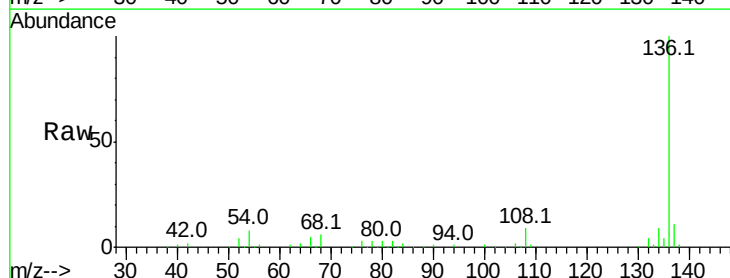
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.7 6.6 9.8

68 6.1 5.0 7.4

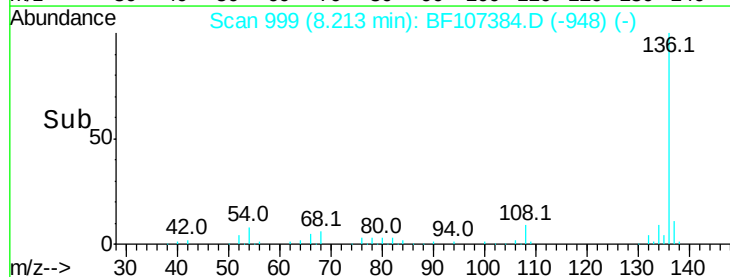
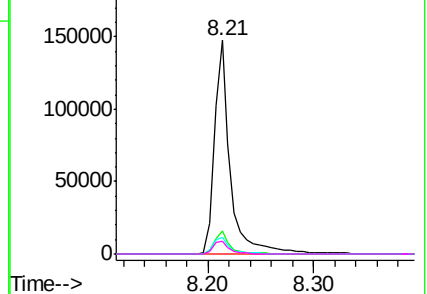


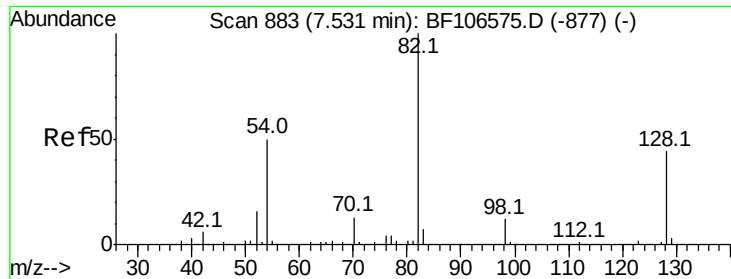
Abundance Ion 136.00 (135.70 to 136.70): E

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

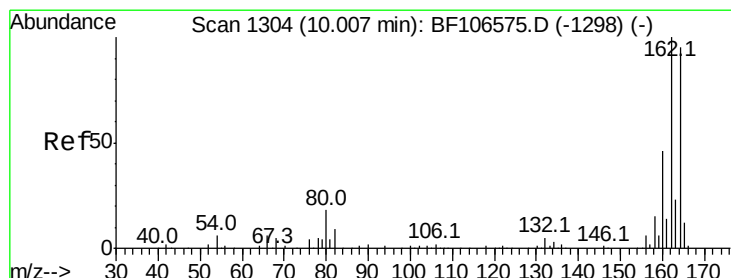
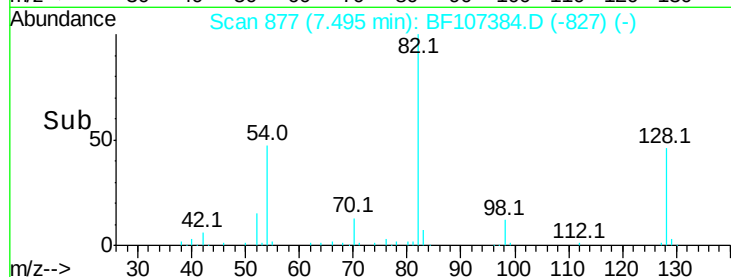
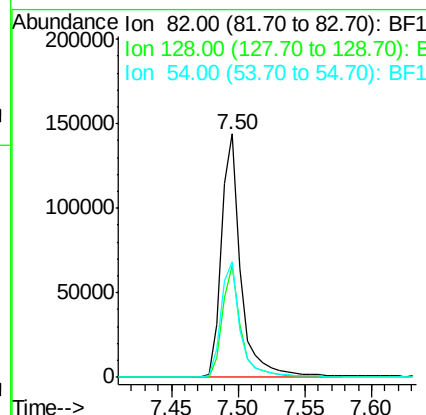
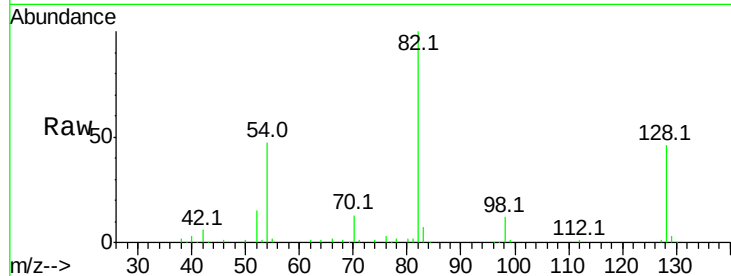




#23
Nitrobenzene-d5
Concen: 53.371 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

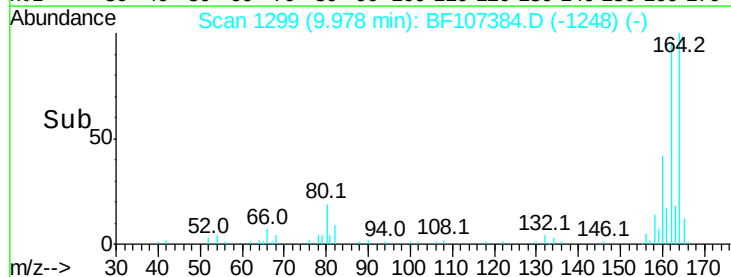
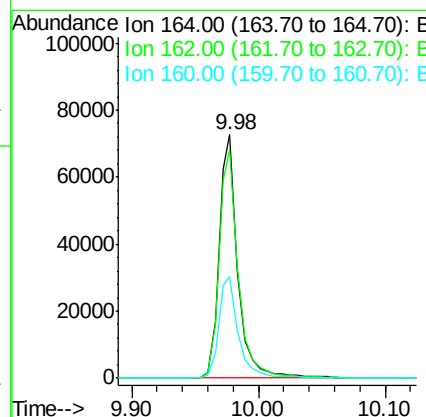
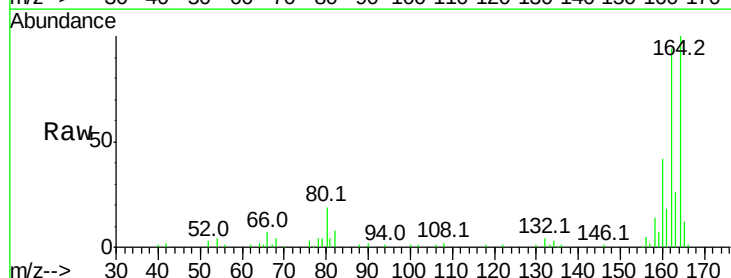
Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-3

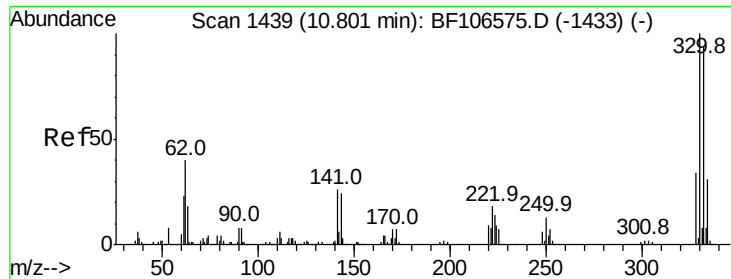
Tot Ion: 82 Resp: 149408
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 47.2 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Tgt Ion:164 Resp: 75125
Ion Ratio Lower Upper
164 100
162 93.6 86.1 129.1
160 41.7 38.3 57.5

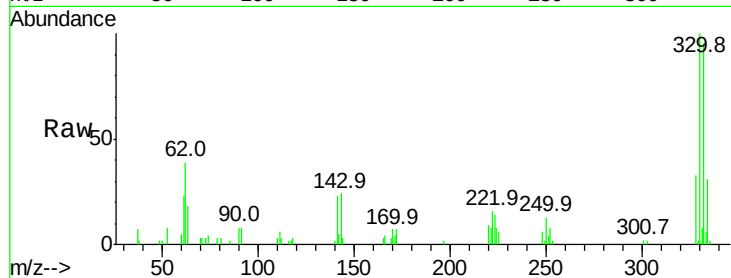




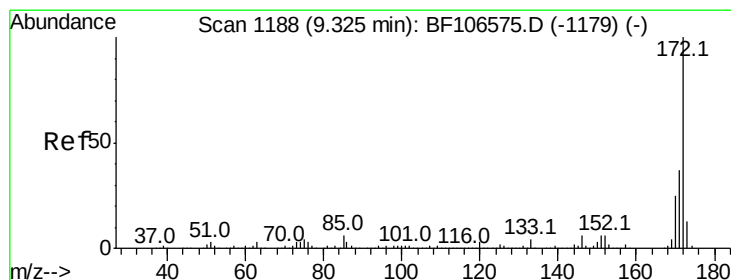
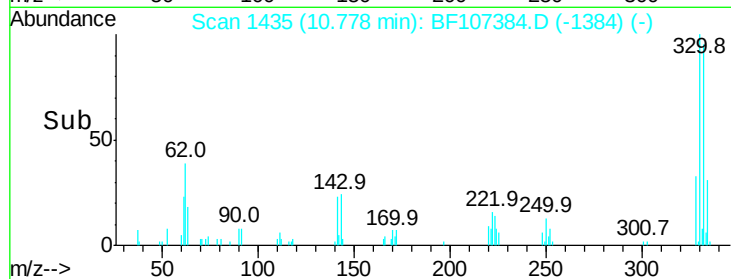
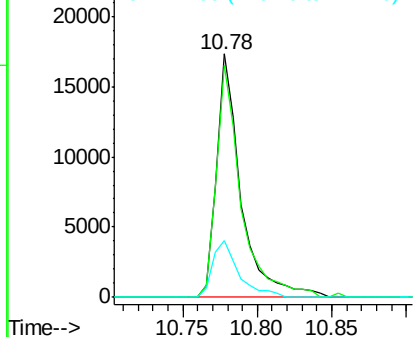
#41
 2,4,6-Tribromophenol
 Concen: 22.786 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107384.D
 Acq: 14 Jul 2018 00:03

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-3

Tot Ion:330 Resp: 19840
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 25.1 29.9 44.9#

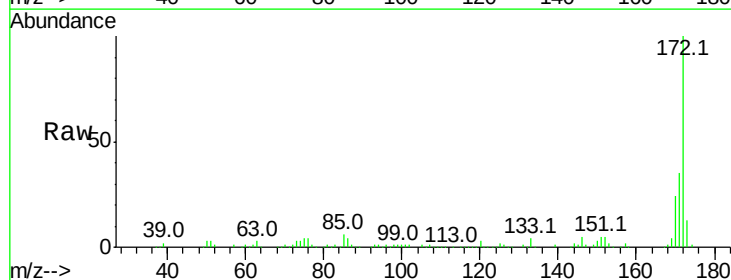


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

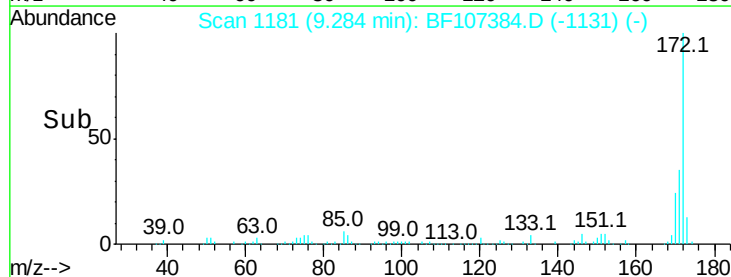
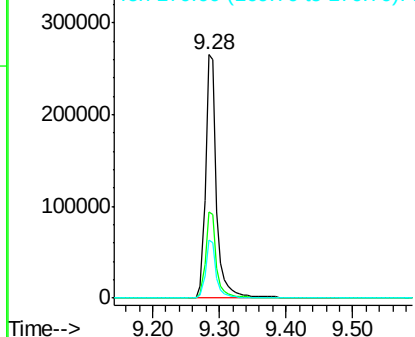


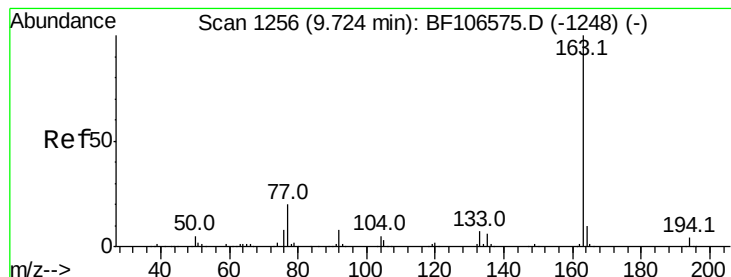
#44
 2-Fluorobiphenyl
 Concen: 64.878 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107384.D
 Acq: 14 Jul 2018 00:03

Tgt Ion:172 Resp: 303451
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.6 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: 4.451 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF107384.D

Acq: 14 Jul 2018 00:03

Instrument :

BNA_F

ClientSampleId :

NEW-FOOTING-3

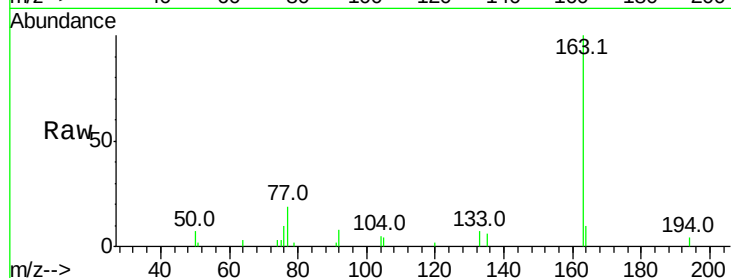
Tot Ion:163 Resp: 25079

Ion Ratio Lower Upper

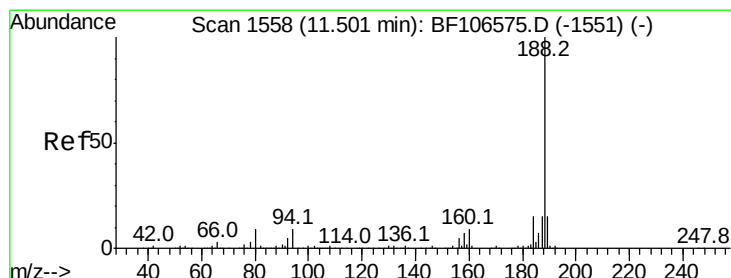
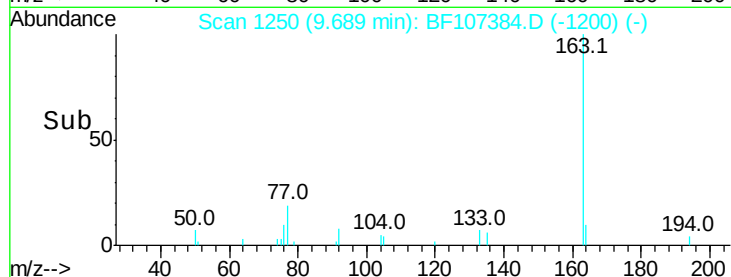
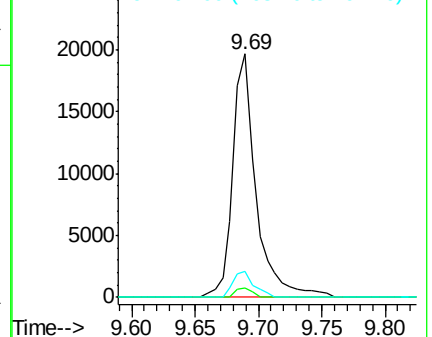
163 100

194 4.0 2.7 4.1

164 10.5 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: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107384.D

Acq: 14 Jul 2018 00:03

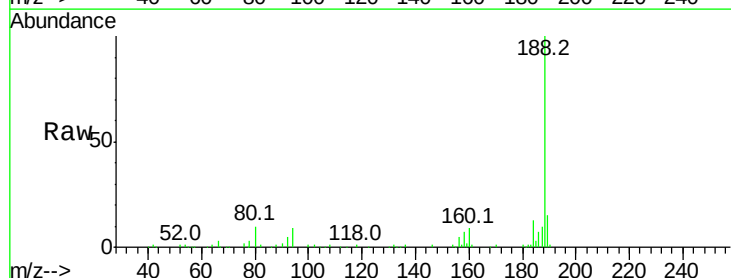
Tgt Ion:188 Resp: 162560

Ion Ratio Lower Upper

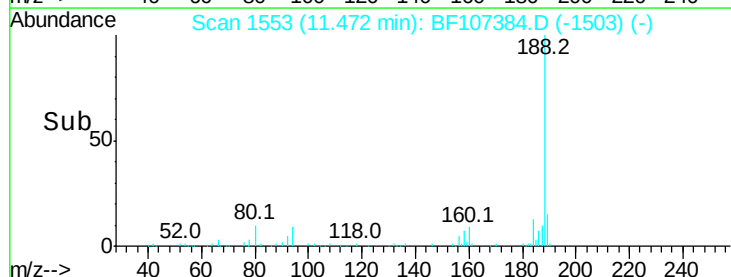
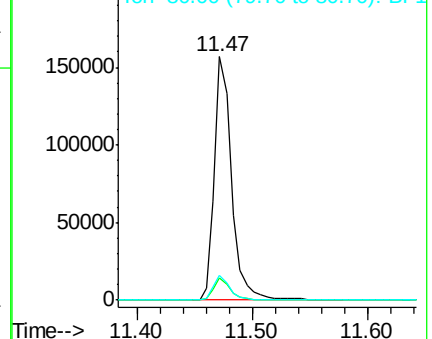
188 100

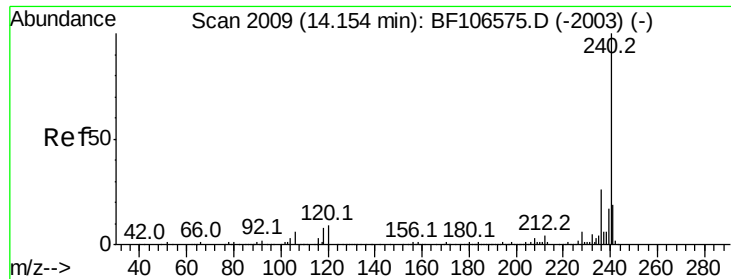
94 9.0 8.5 12.7

80 10.2 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: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107384.D

Acq: 14 Jul 2018 00:03

Instrument :

BNA_F

ClientSampleId :

NEW-FOOTING-3

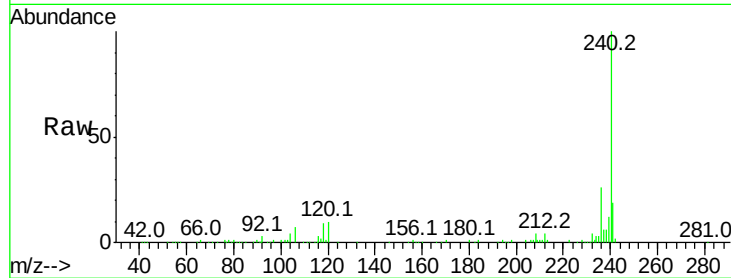
Tot Ion:240 Resp: 151463

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

236 25.9 20.7 31.1

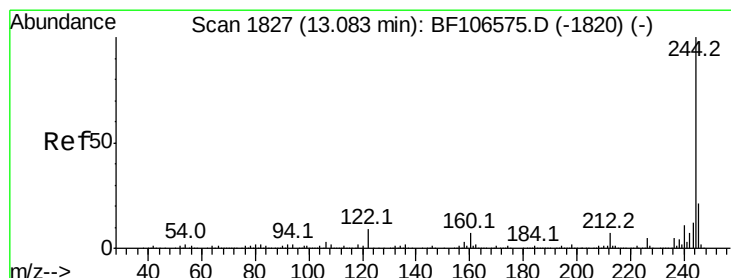
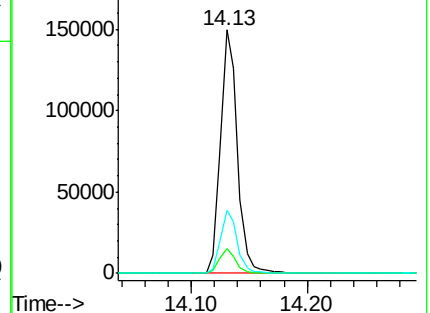
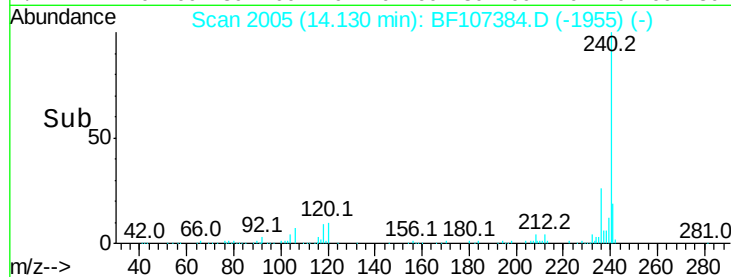


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.13



#78

Terphenyl-d14

Concen: 67.935 ng

RT: 13.06 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF107384.D

Acq: 14 Jul 2018 00:03

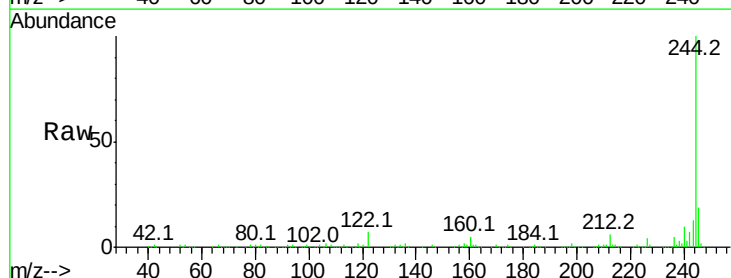
Tgt Ion:244 Resp: 424786

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

122 7.4 11.0 16.4#

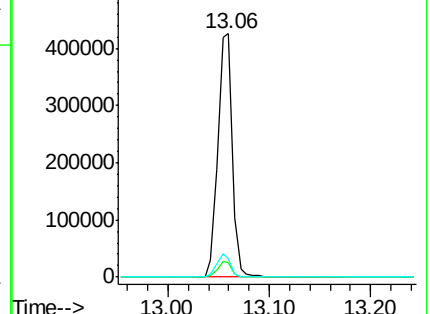
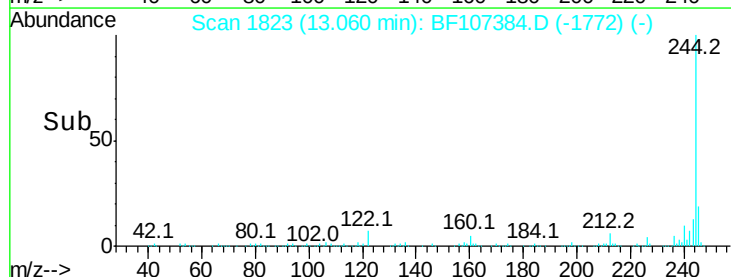


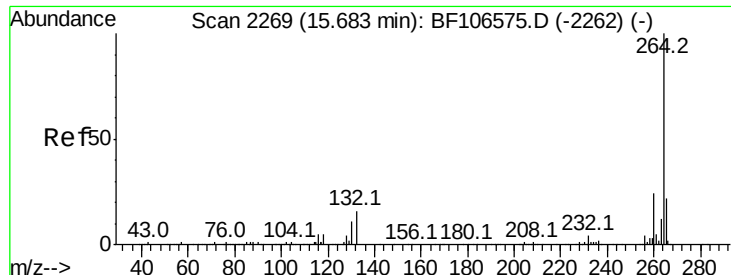
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.06





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF107384.D
 Acq: 14 Jul 2018 00:03

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-3

Tot Ion:	264	Resp:	109123
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.3	17.5	26.3

