

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107132.D
 Acq On : 5 Jul 2018 17:41
 Operator : JU/SJ
 Sample : J3853-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Time: Jul 05 18:20:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

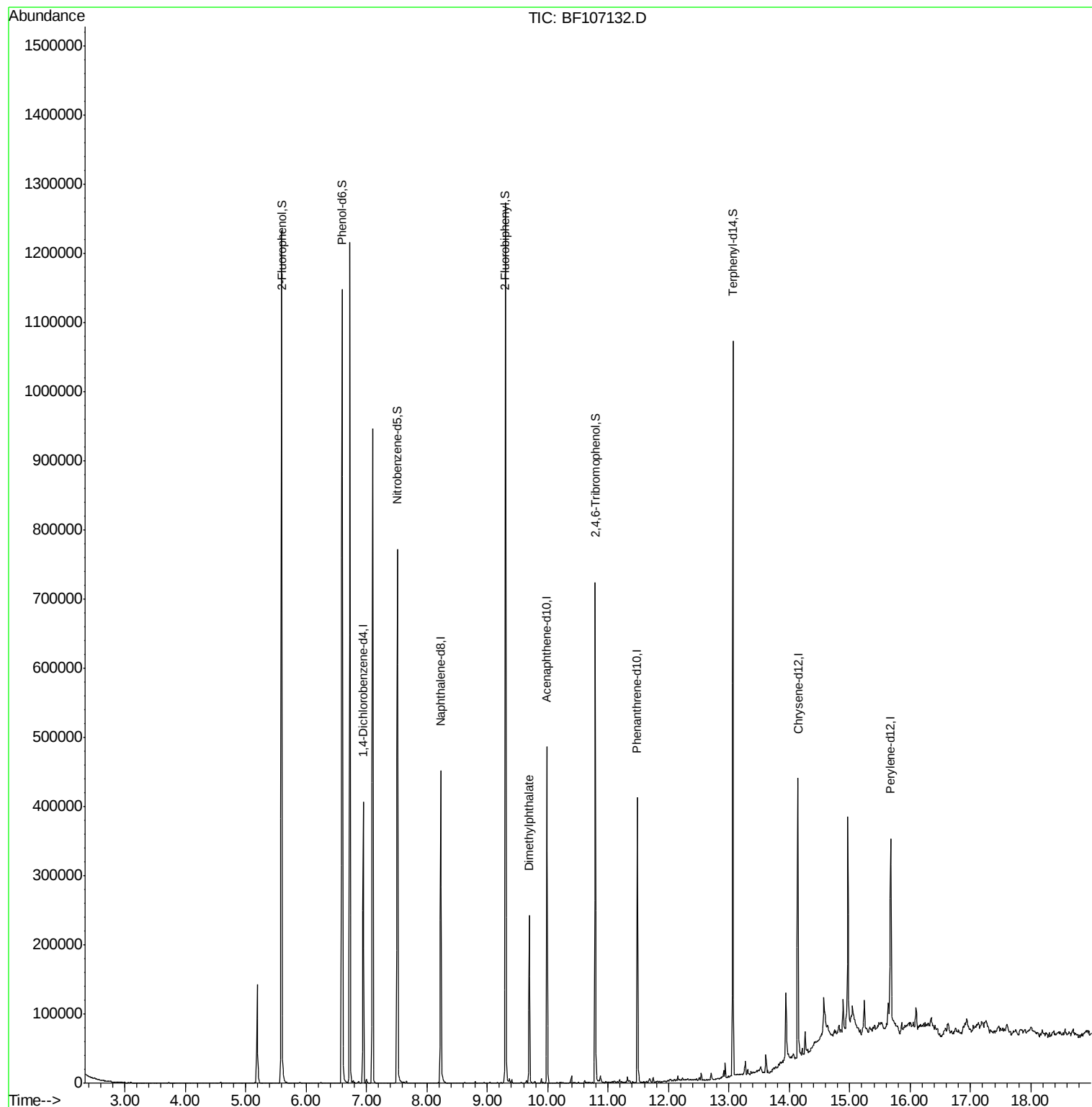
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	56697	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	213925	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	97372	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	159811	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	153999	20.00	ng	-0.02
86) Perylene-d12	15.68	264	133695	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	357664	106.82	ng	0.00
7) Phenol-d6	6.60	99	442951	105.93	ng	-0.02
23) Nitrobenzene-d5	7.51	82	279903	72.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	112756	99.91	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	454841	77.82	ng	-0.02
78) Terphenyl-d14	13.07	244	376668	59.25	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	97365	13.332	ng	97

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

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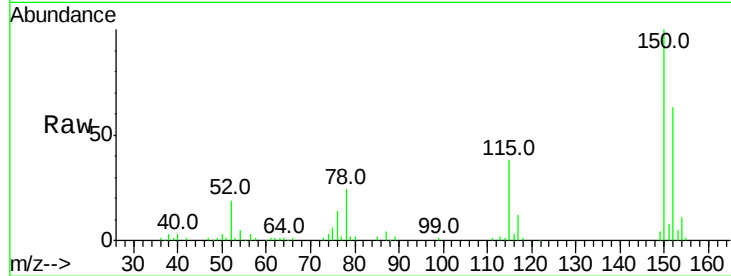


#1

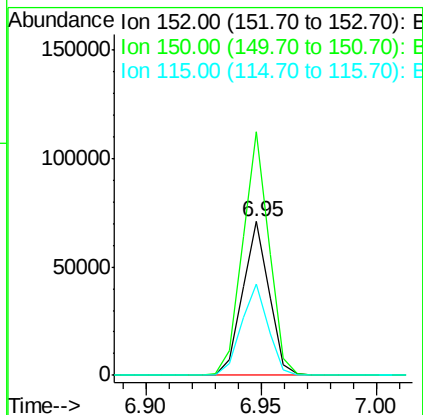
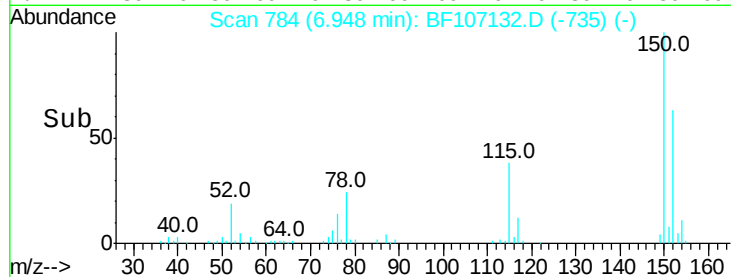
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107132.D
Acq: 5 Jul 2018 17:41

Instrument :
BNA_F
ClientSampled :
B-4

Tot Ion:152 Resp: 56697
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 59.5 50.1 75.1



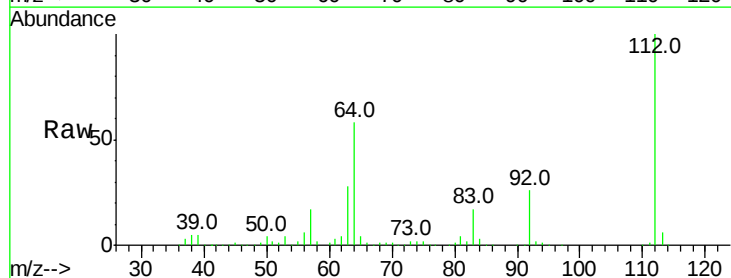
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



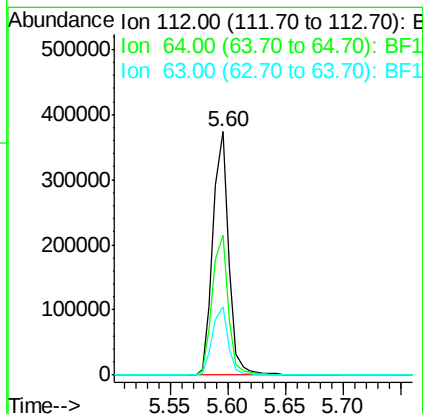
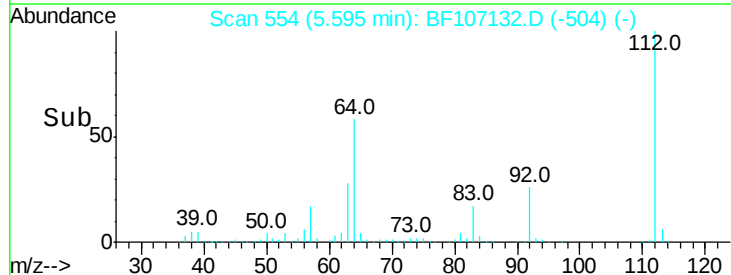
#5

2-Fluorophenol
Concen: 106.820 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107132.D
Acq: 5 Jul 2018 17:41

Tgt Ion:112 Resp: 357664
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 27.8 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: 105.935 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107132.D

Acq: 5 Jul 2018 17:41

Instrument :

BNA_F

ClientSampleId :

B-4

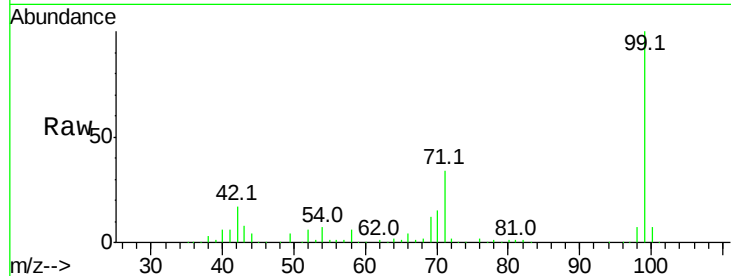
Tot Ion: 99 Resp: 442951

Ion Ratio Lower Upper

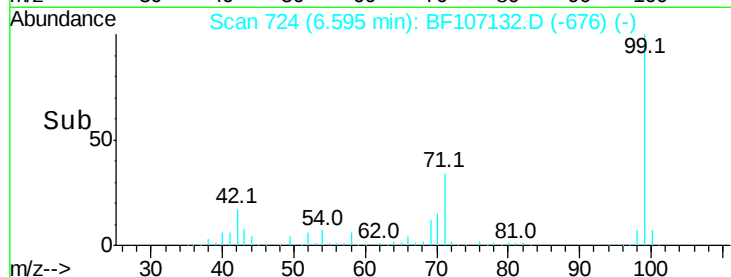
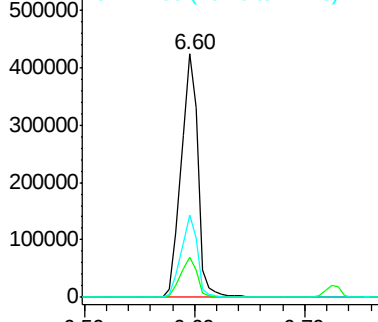
99 100

42 16.6 14.5 21.7

71 34.0 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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107132.D

Acq: 5 Jul 2018 17:41

Tgt Ion: 136 Resp: 213925

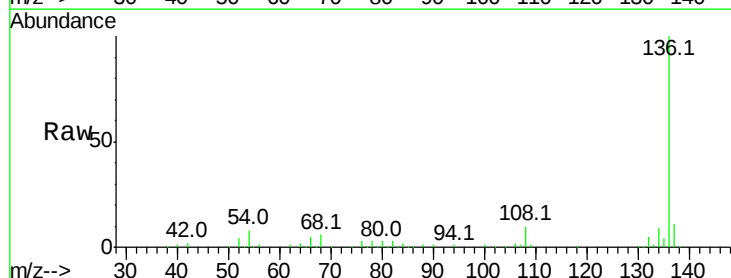
Ion Ratio Lower Upper

136 100

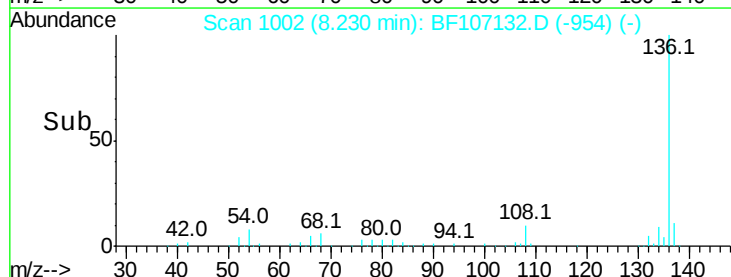
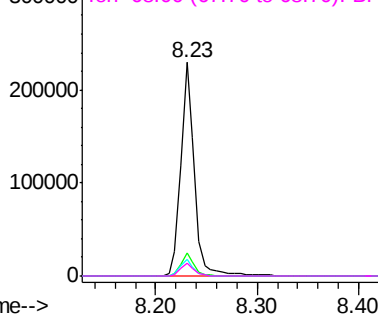
137 11.1 8.9 13.3

54 7.8 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

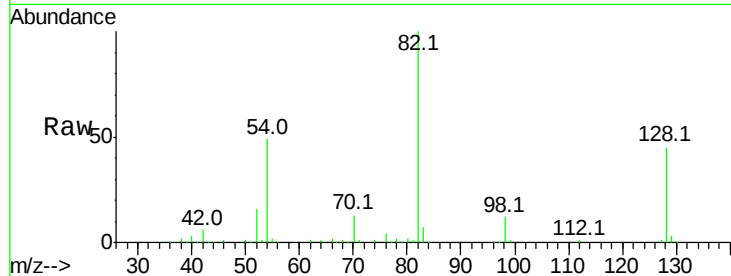




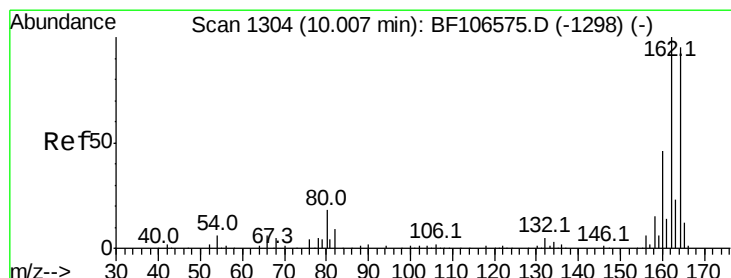
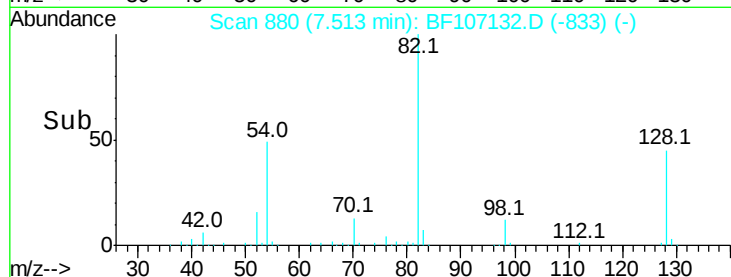
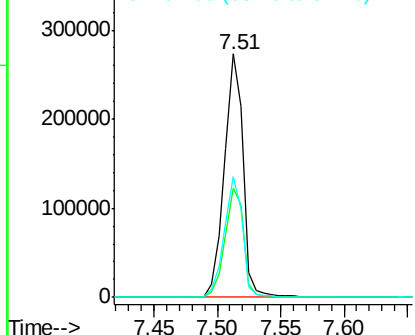
#23
 Nitrobenzene-d5
 Concen: 72.713 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	49.4	41.4	62.2

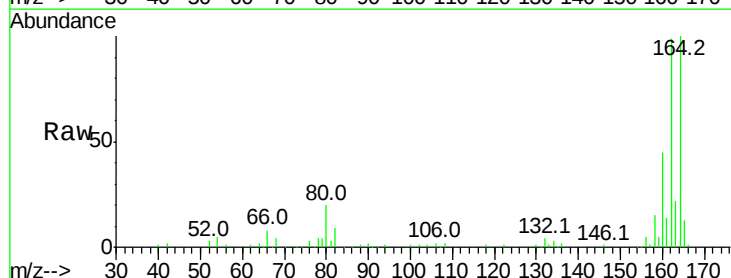


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

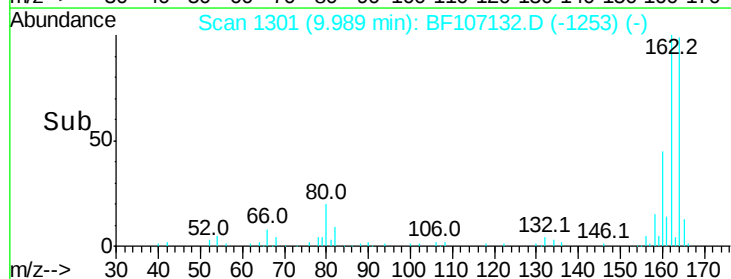
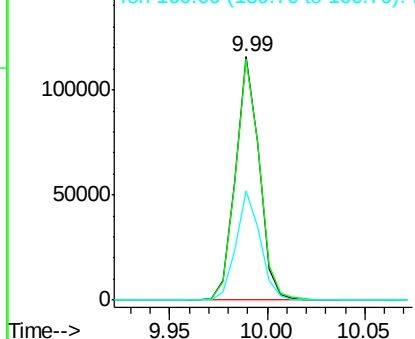


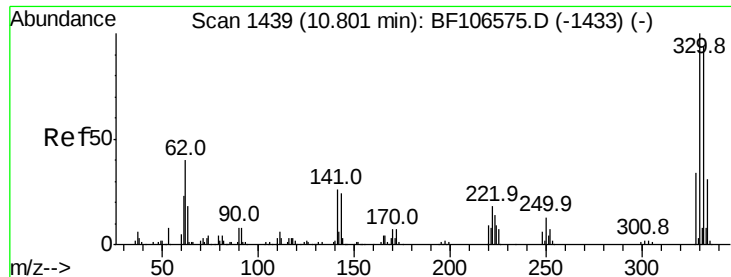
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	86.1	129.1
160	44.9	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

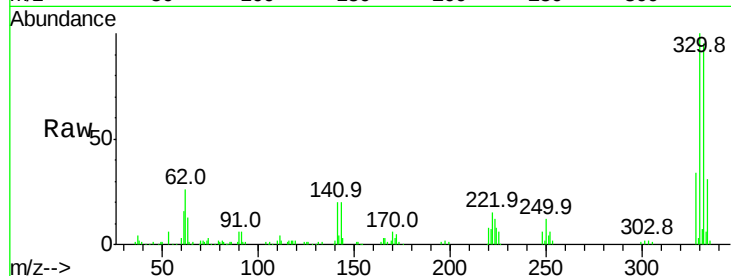




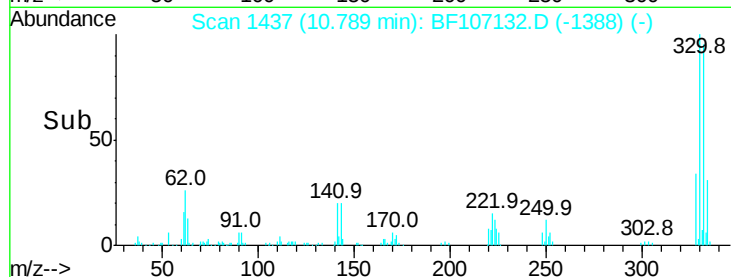
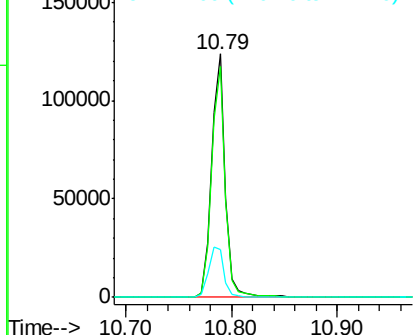
#41
 2,4,6-Tribromophenol
 Concen: 99.911 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion:330 Resp: 112756
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 23.0 29.9 44.9#

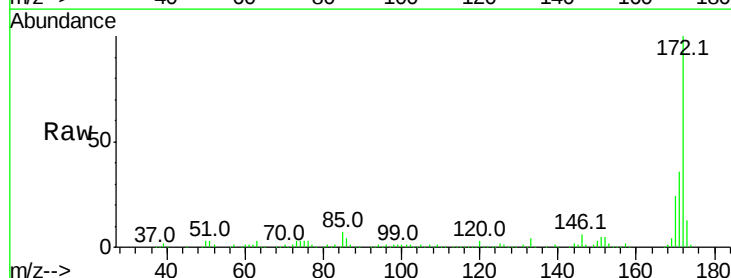


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

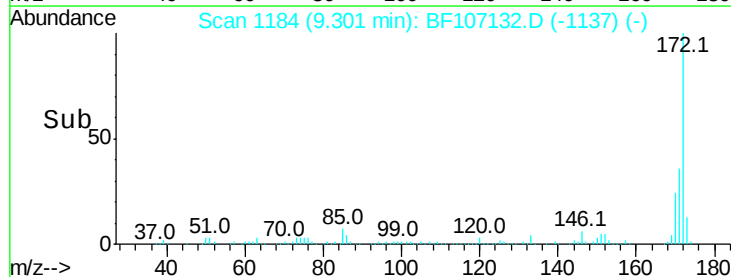
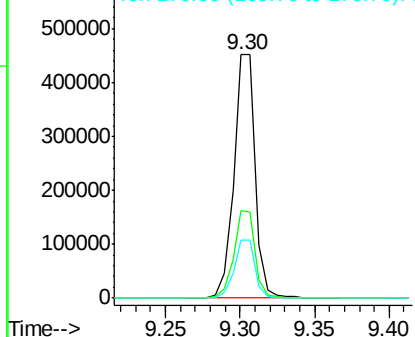


#44
 2-Fluorobiphenyl
 Concen: 77.819 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Tgt Ion:172 Resp: 454841
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 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

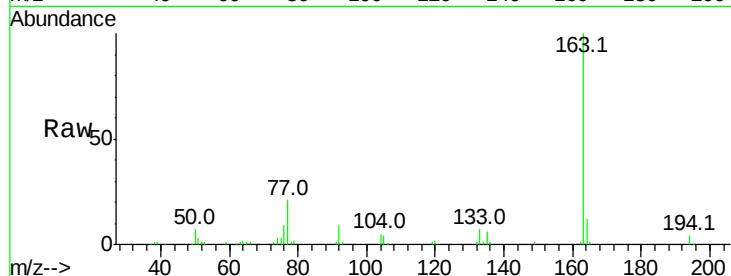




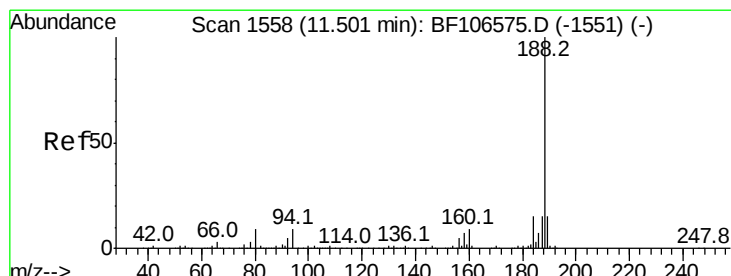
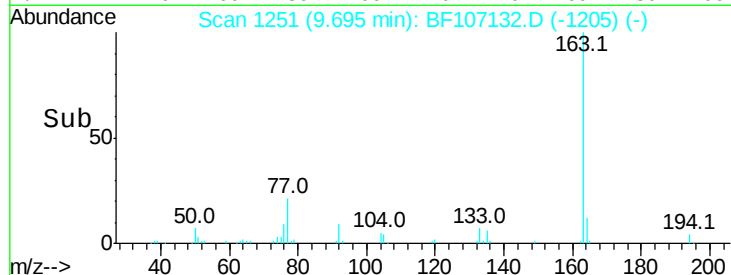
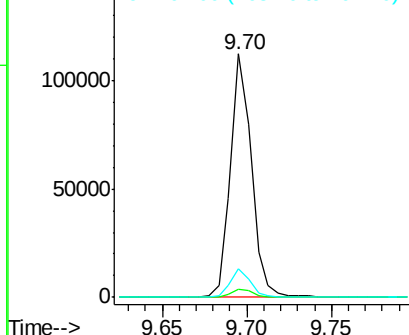
#49
Dimethylphthalate
Concen: 13.332 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107132.D
Acq: 5 Jul 2018 17:41

Instrument :
BNA_F
ClientSampled :
B-4

Tot Ion:163 Resp: 97365
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 11.5 8.2 12.2

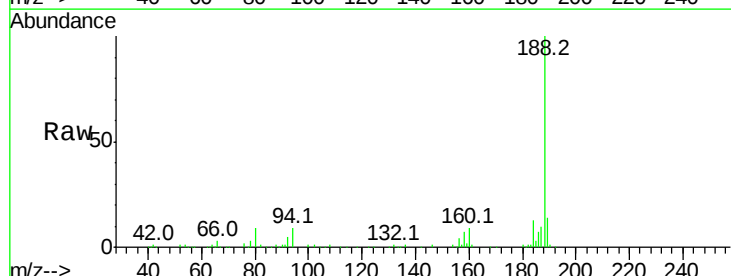


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

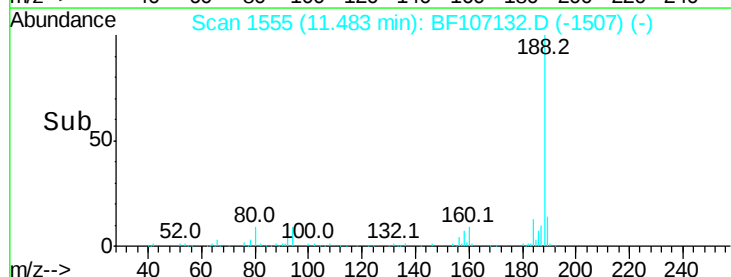
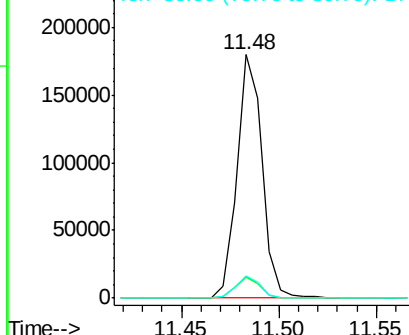


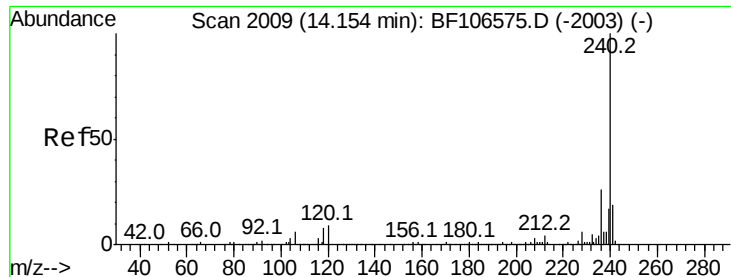
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107132.D
Acq: 5 Jul 2018 17:41

Tgt Ion:188 Resp: 159811
Ion Ratio Lower Upper
188 100
94 8.7 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. -0.02 min

Lab File: BF107132.D

Acq: 5 Jul 2018 17:41

Instrument :

BNA_F

ClientSampleId :

B-4

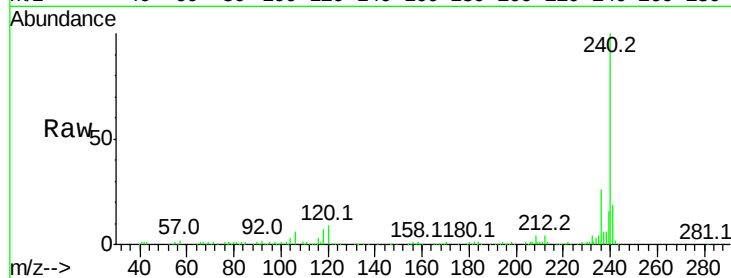
Tot Ion:240 Resp: 153999

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

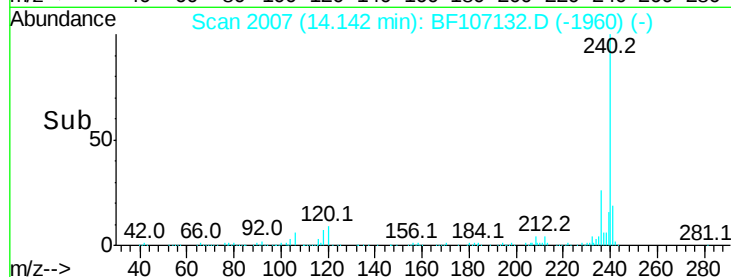
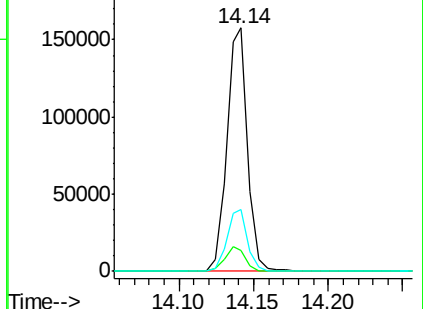
236 25.7 20.7 31.1



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: 59.247 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107132.D

Acq: 5 Jul 2018 17:41

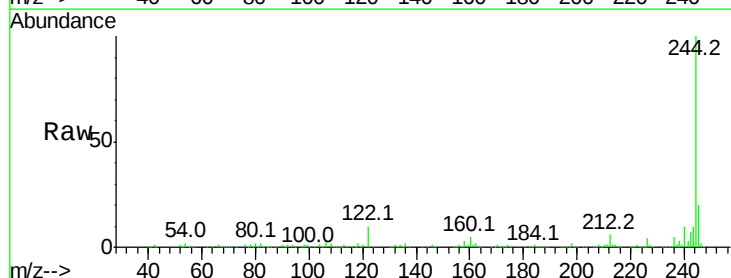
Tgt Ion:244 Resp: 376668

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

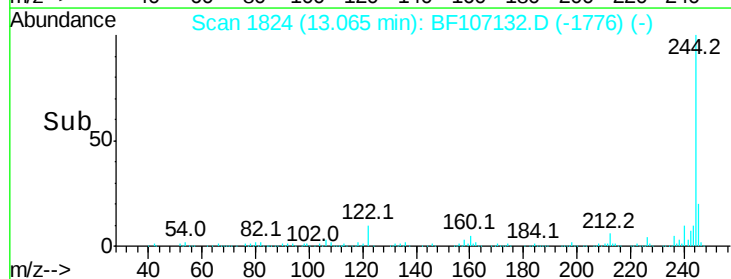
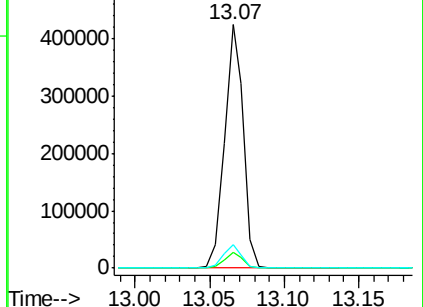
122 9.5 11.0 16.4#

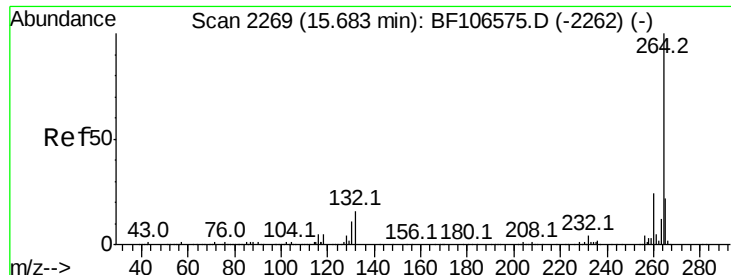


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

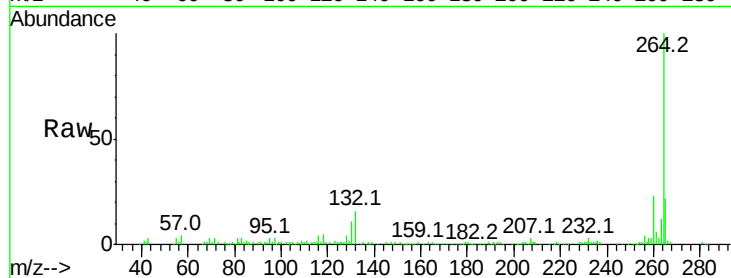




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion:	264	Resp:	133695
Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

