

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106957.D
 Acq On : 29 Jun 2018 8:01
 Operator : JU/SJ
 Sample : J3693-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Quant Time: Jun 29 08:44:51 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

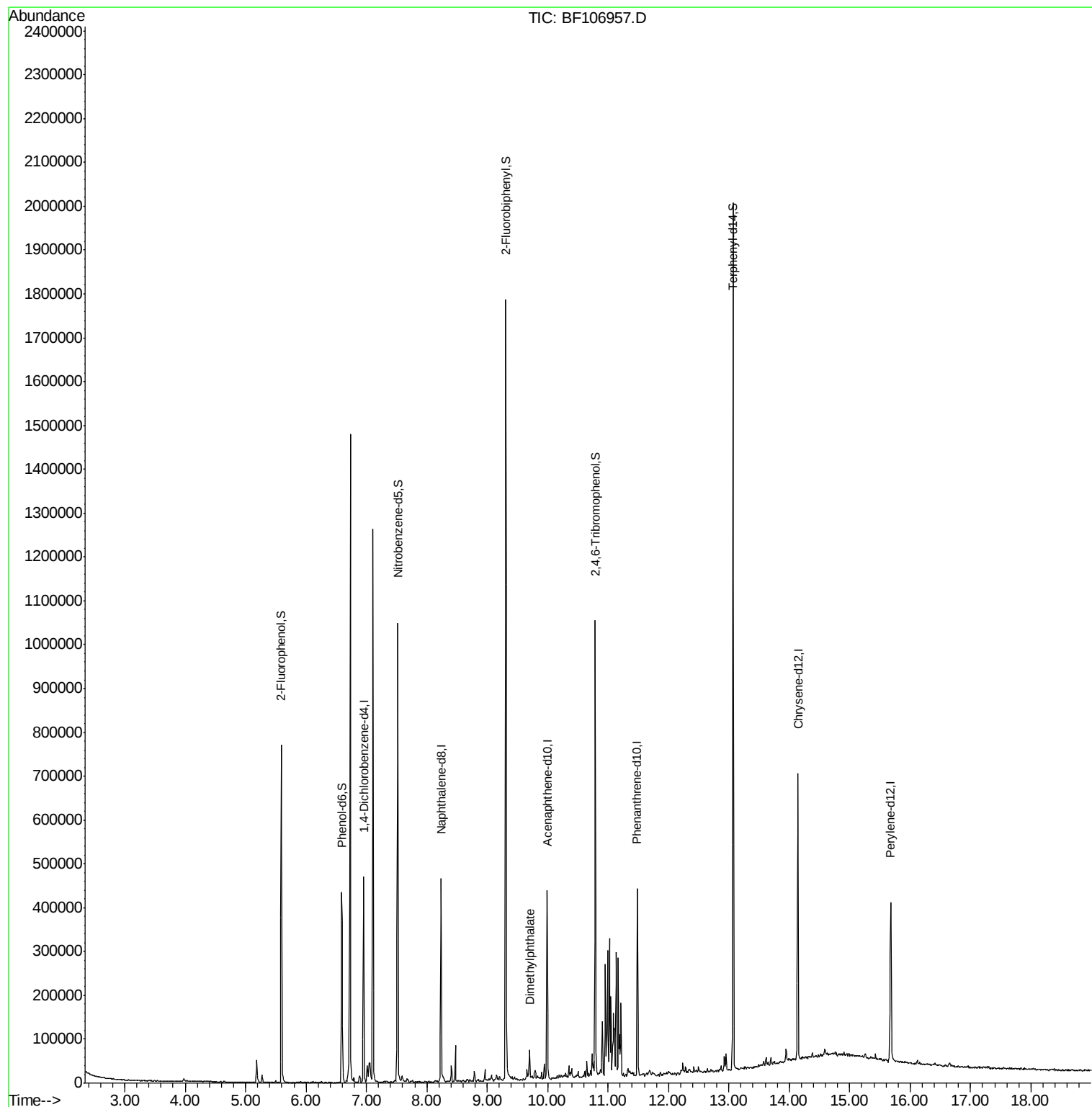
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67398	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	226158	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	92452	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	167435	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	231071	20.00	ng	-0.02
86) Perylene-d12	15.68	264	194910	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	216666	54.44	ng	-0.01
7) Phenol-d6	6.59	99	157950	31.78	ng	-0.02
23) Nitrobenzene-d5	7.52	82	355004	87.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	148263	138.36	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	568268	108.04	ng	-0.02
78) Terphenyl-d14	13.07	244	731768	76.71	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	25917	3.738	ng	Qvalue 97

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

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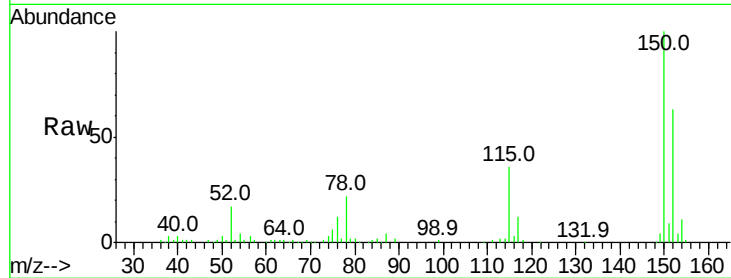


#1

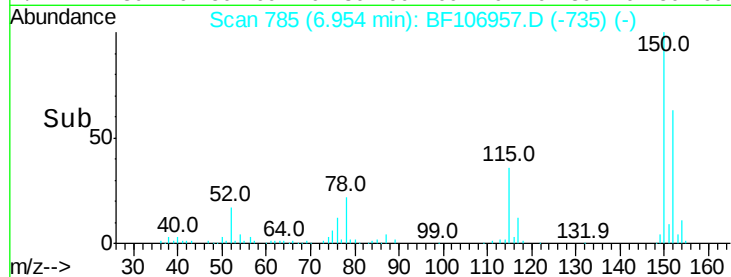
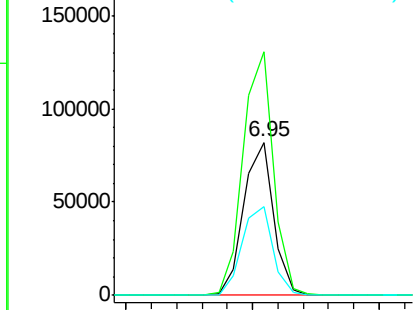
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Tot Ion:152 Resp: 67398
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 57.9 50.1 75.1



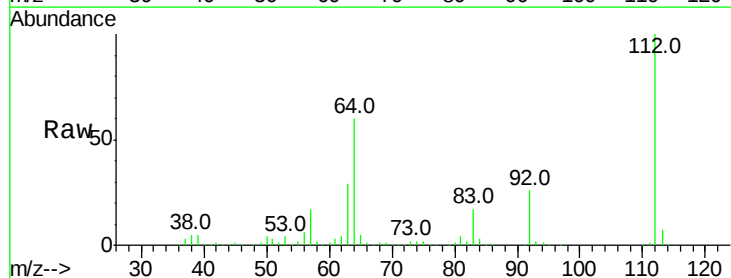
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



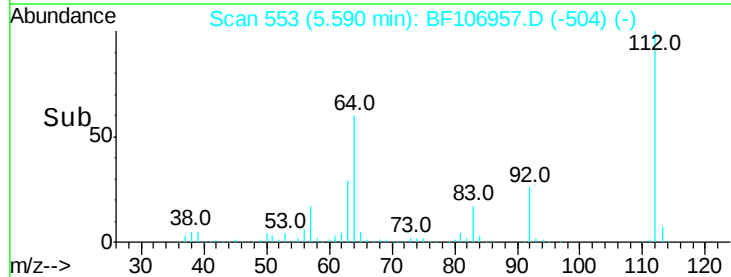
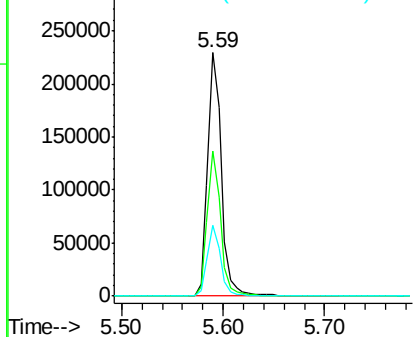
#5

2-Fluorophenol
 Concen: 54.435 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Tgt Ion:112 Resp: 216666
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 28.9 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: 31.777 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

Instrument :

BNA_F

ClientSampleId :

W-31

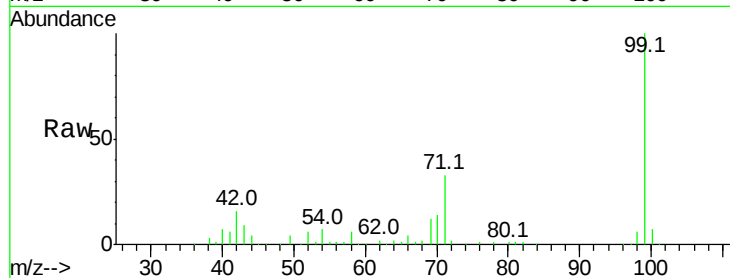
Tot Ion: 99 Resp: 157950

Ion Ratio Lower Upper

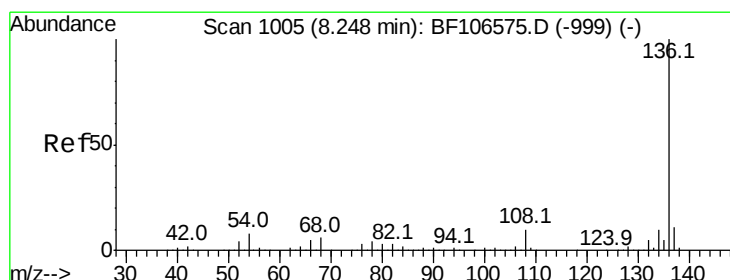
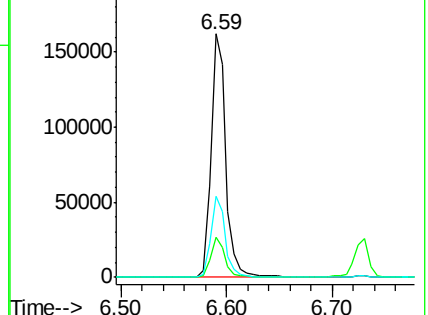
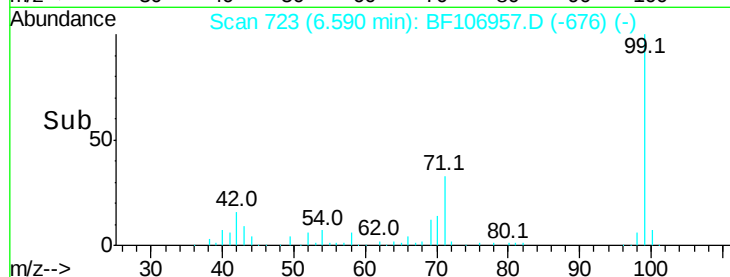
99 100

42 16.5 14.5 21.7

71 33.1 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# 1003

Delta R.T. -0.01 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

Tgt Ion: 136 Resp: 226158

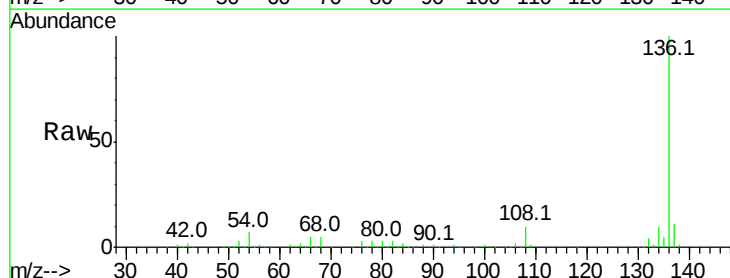
Ion Ratio Lower Upper

136 100

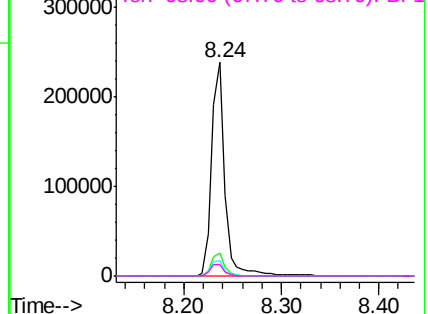
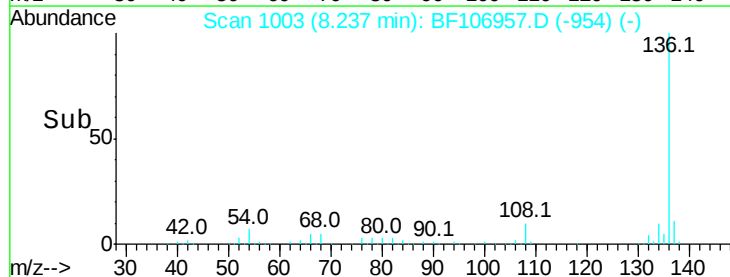
137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 5.3 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

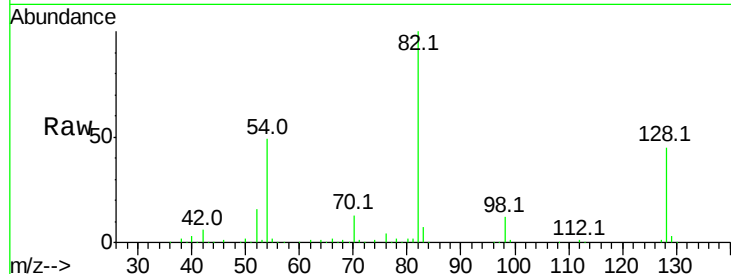




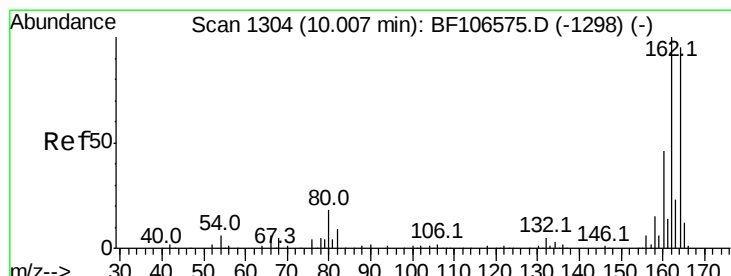
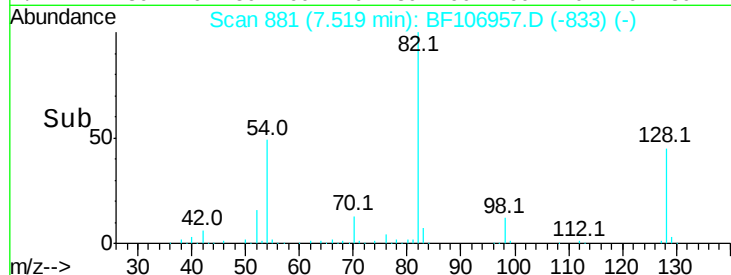
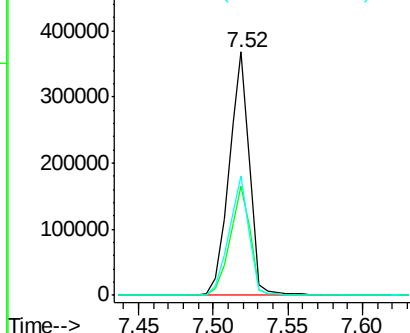
#23
Nitrobenzene-d5
Concen: 87.235 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106957.D
Acq: 29 Jun 2018 8:01

Instrument :
BNA_F
ClientSampled :
W-31

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	49.2	41.4	62.2

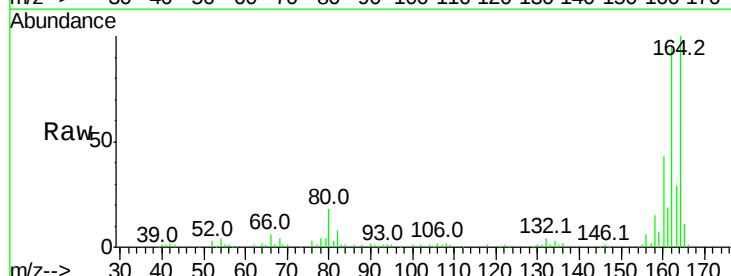


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

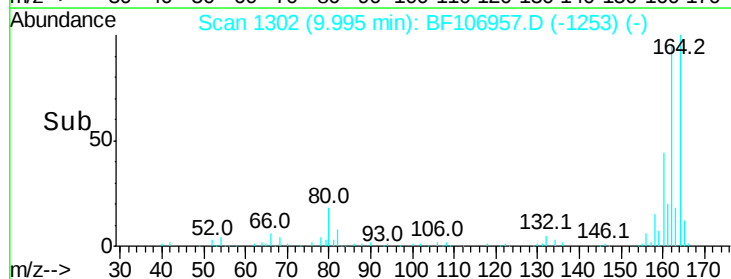
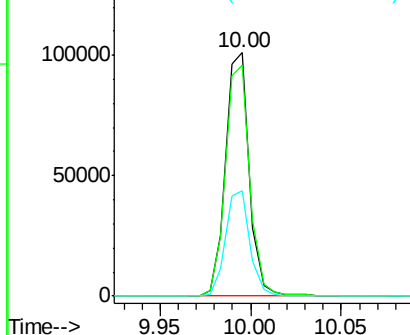


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106957.D
Acq: 29 Jun 2018 8:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.9	86.1	129.1
160	43.5	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

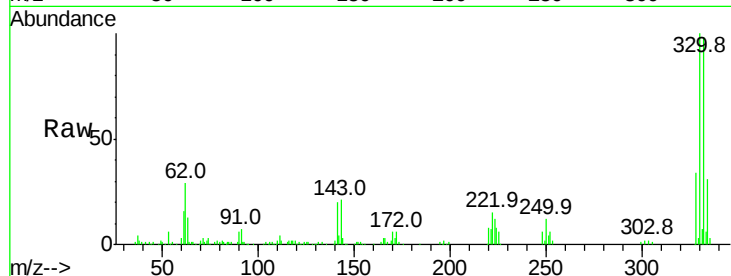




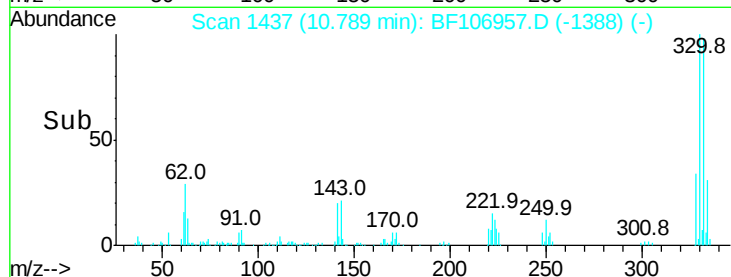
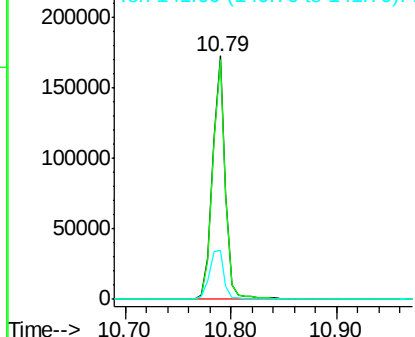
#41
 2,4,6-Tribromophenol
 Concen: 138.364 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Tot Ion:330 Resp: 148263
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 23.4 29.9 44.9#

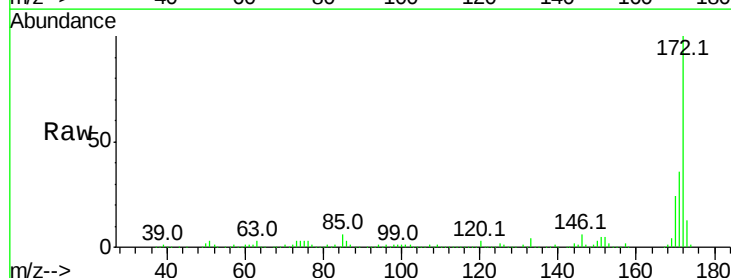


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

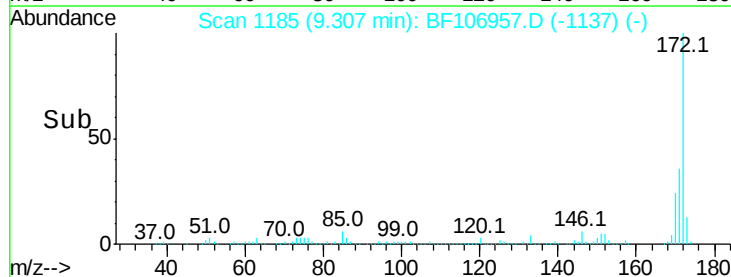
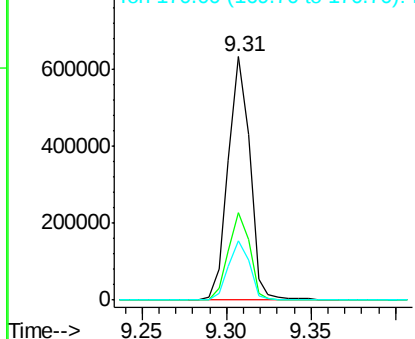


#44
 2-Fluorobiphenyl
 Concen: 108.037 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Tgt Ion:172 Resp: 568268
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.4 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

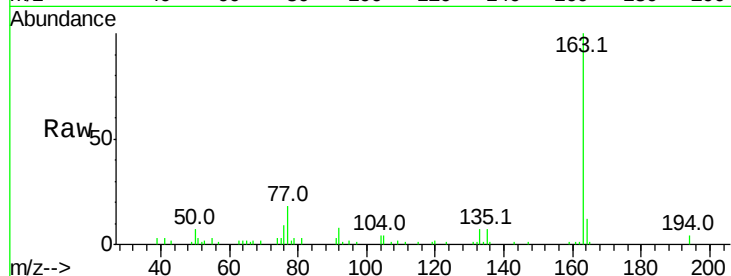




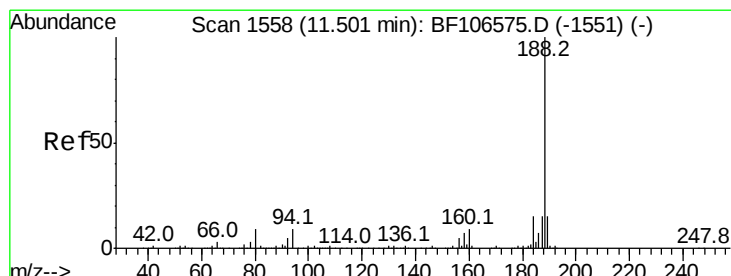
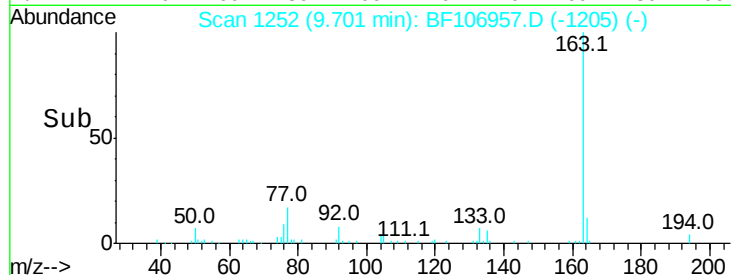
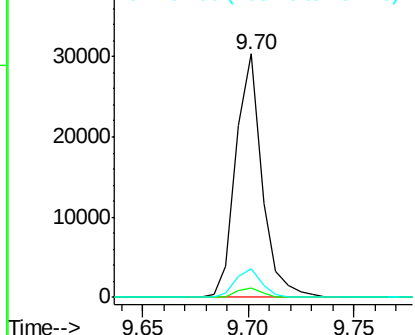
#49
Dimethylphthalate
Concen: 3.738 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106957.D
Acq: 29 Jun 2018 8:01

Instrument :
BNA_F
ClientSampleId :
W-31

Tot Ion:163 Resp: 25917
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.5 8.2 12.2

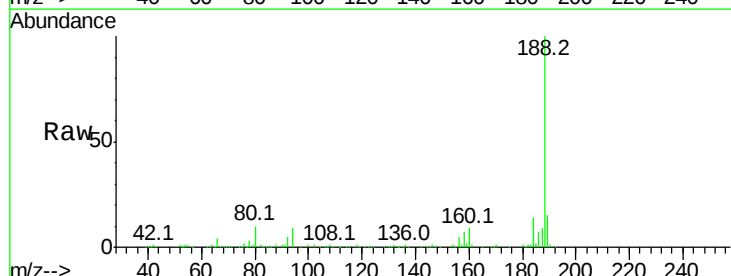


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

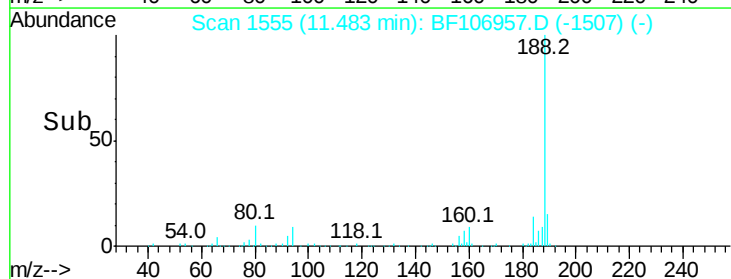
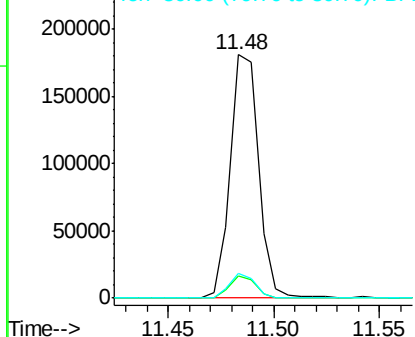


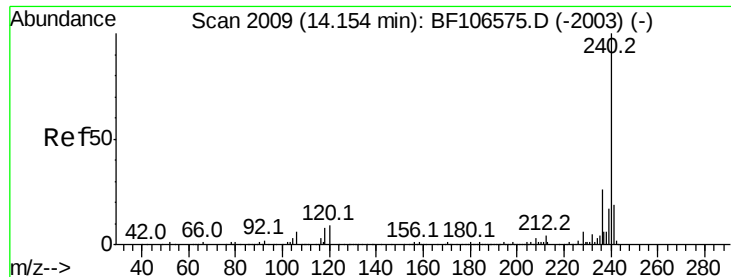
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106957.D
Acq: 29 Jun 2018 8:01

Tgt Ion:188 Resp: 167435
Ion Ratio Lower Upper
188 100
94 9.3 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

Instrument :

BNA_F

ClientSampleId :

W-31

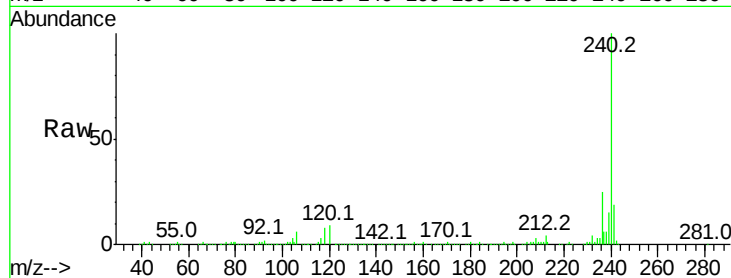
Tot Ion:240 Resp: 231071

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

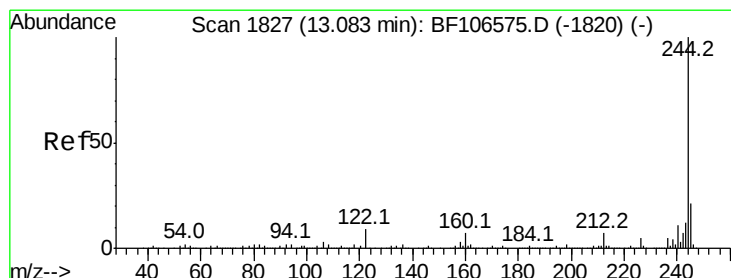
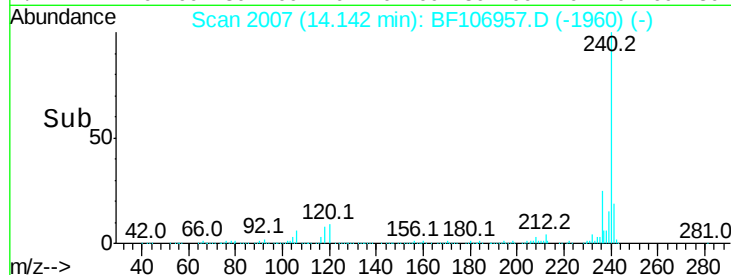
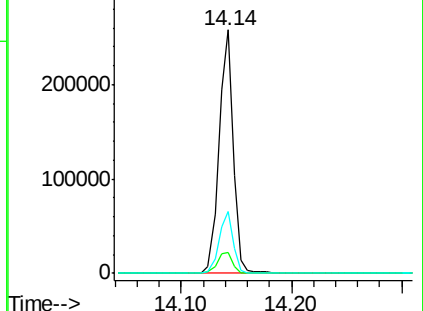
236 25.4 20.7 31.1



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: 76.711 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

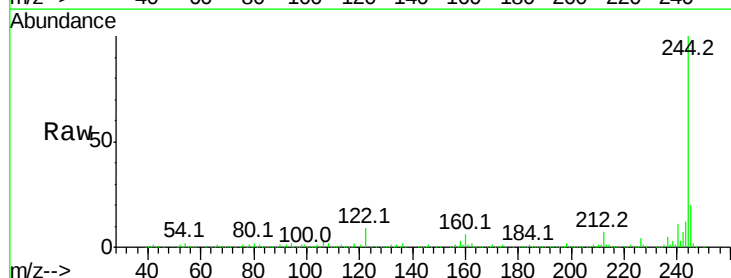
Tgt Ion:244 Resp: 731768

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

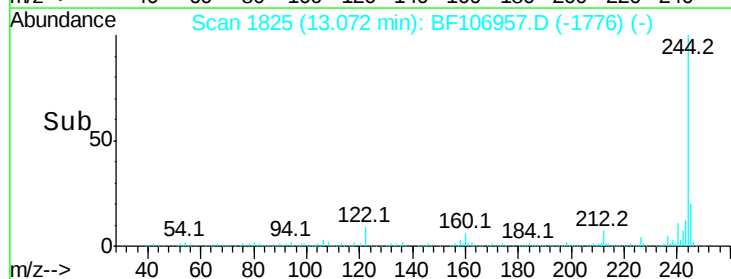
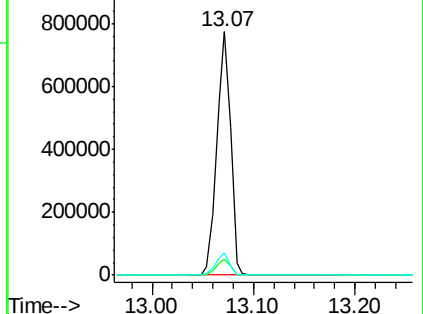
122 8.9 11.0 16.4#

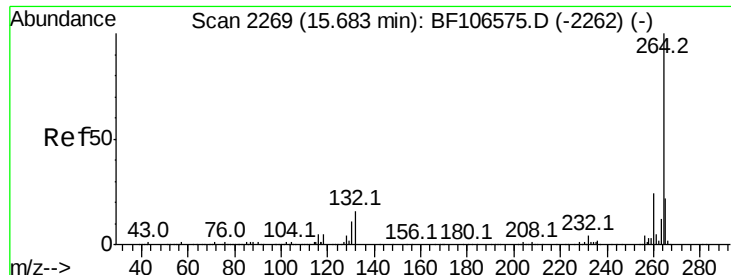


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

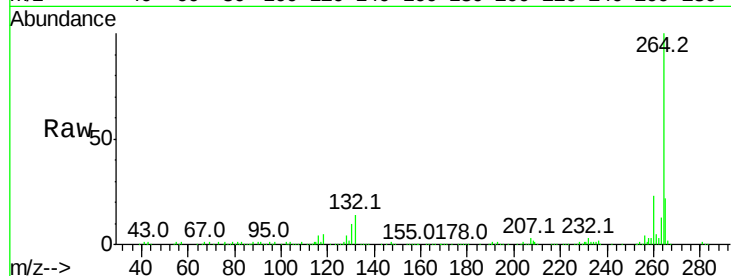




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106957.D
Acq: 29 Jun 2018 8:01

Instrument :
BNA_F
ClientSampleId :
W-31

Tot Ion:	264	Resp:	194910
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.5	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

