

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106600.D
 Acq On : 19 Jun 2018 23:24
 Operator : JU/SJ
 Sample : J3554-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-4(2.0)

Quant Time: Jun 20 04:33:54 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

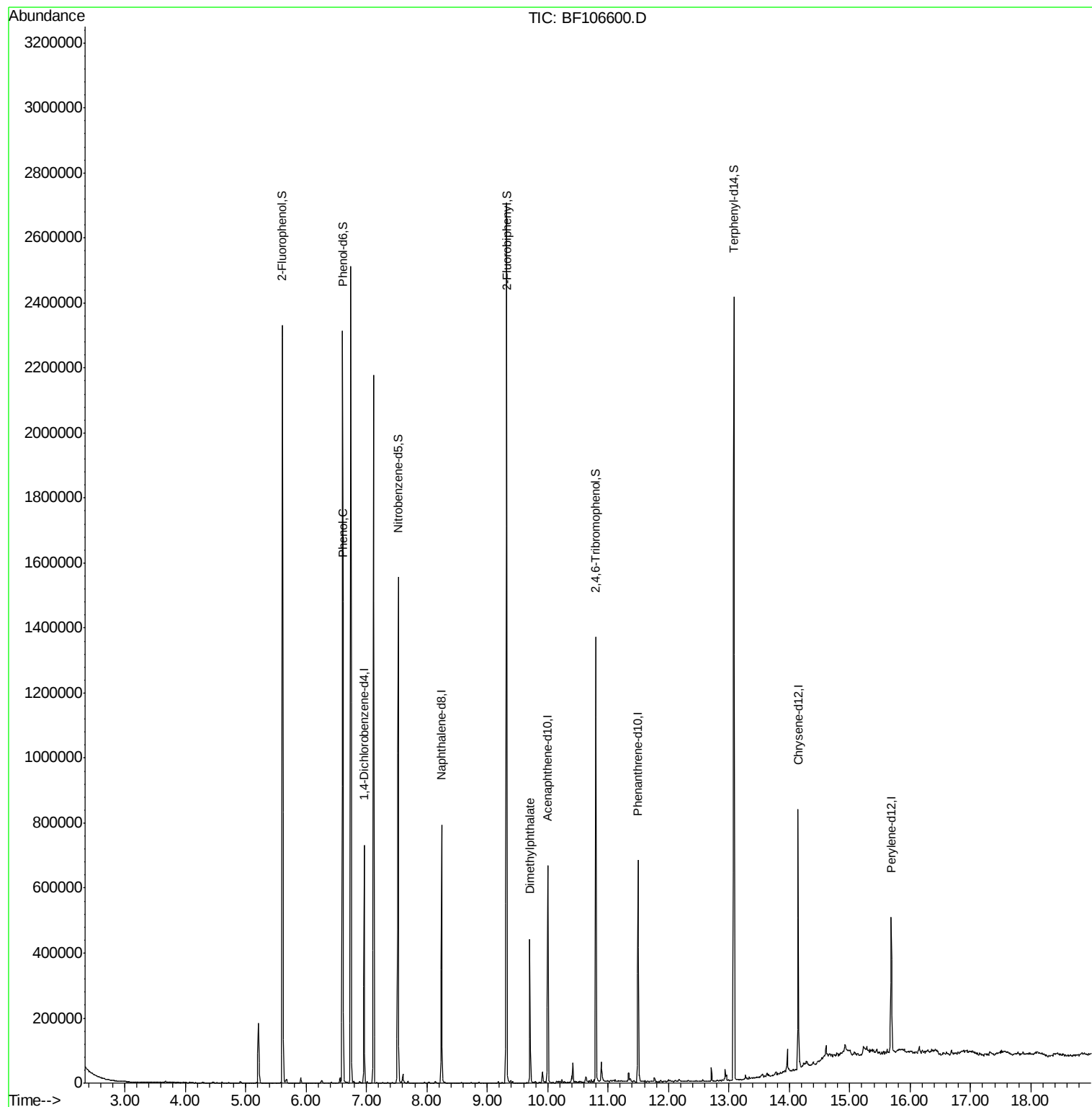
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	100124	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	347342	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	133718	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	225217	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259931	20.00	ng	0.00
86) Perylene-d12	15.69	264	201633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	699424	118.29	ng	0.01
7) Phenol-d6	6.61	99	869516	117.76	ng	0.00
23) Nitrobenzene-d5	7.52	82	569827	91.17	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	185508	119.70	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	883881	117.53	ng	0.00
78) Terphenyl-d14	13.08	244	848402	79.06	ng	0.00
Target Compounds						
10) Phenol	6.62	94	20347	2.415	ng	96
49) Dimethylphthalate	9.71	163	188955	18.841	ng	98

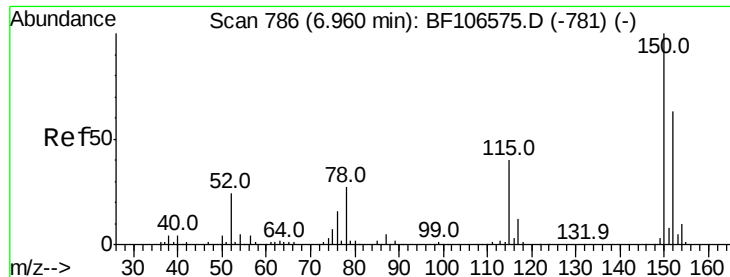
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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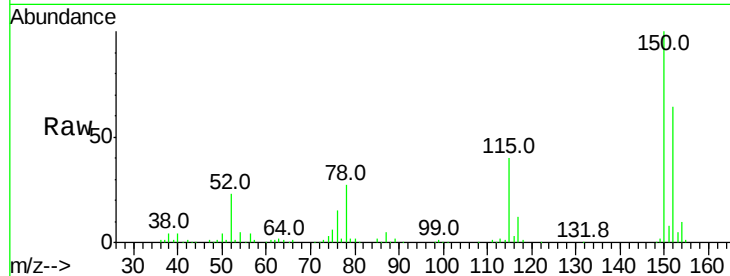


#1

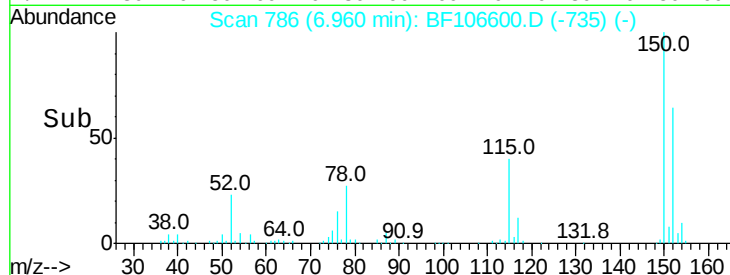
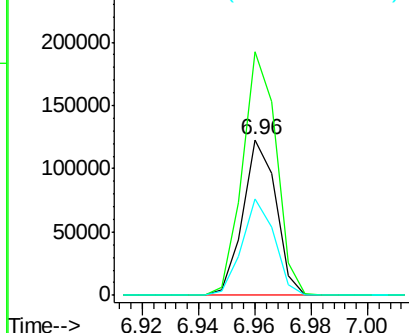
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106600.D
 Acq: 19 Jun 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 A-4(2.0)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	62.0	50.1	75.1



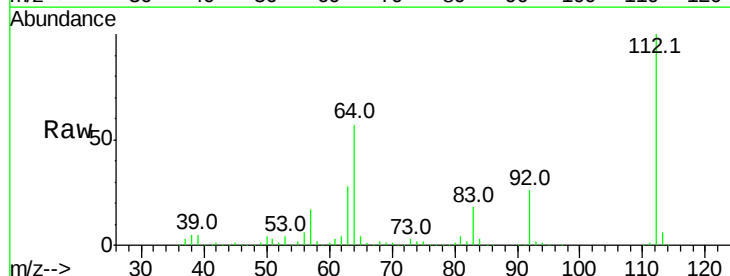
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



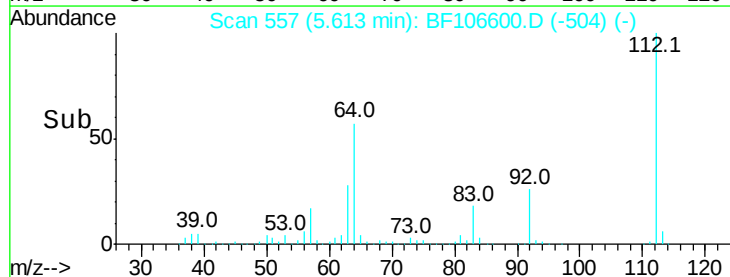
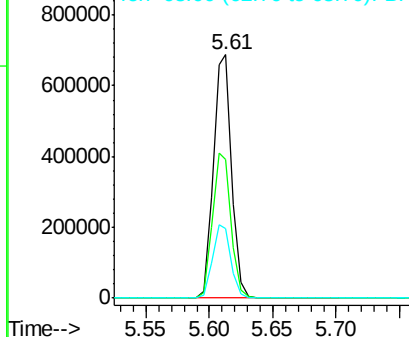
#5

2-Fluorophenol
 Concen: 118.288 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF106600.D
 Acq: 19 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	28.5	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: 117.756 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106600.D

Acq: 19 Jun 2018 23:24

Instrument :

BNA_F

ClientSampled :

A-4(2.0)

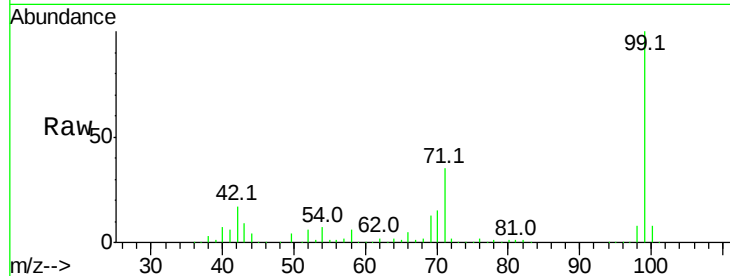
Tot Ion: 99 Resp: 869516

Ion Ratio Lower Upper

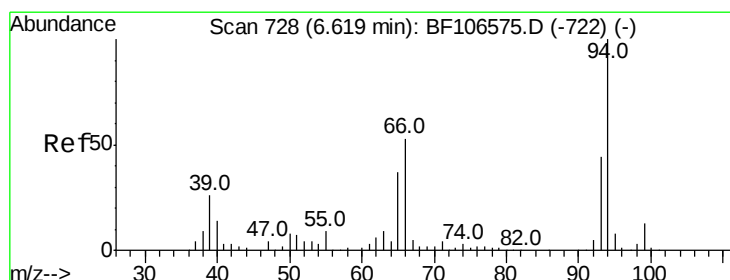
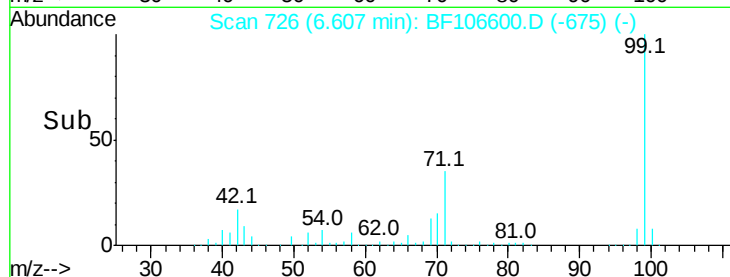
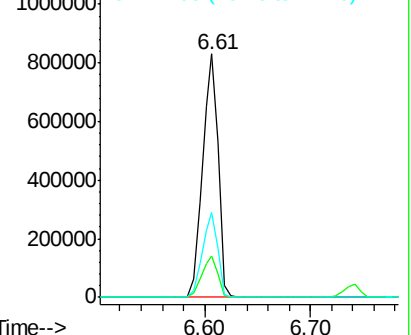
99 100

42 17.1 14.5 21.7

71 35.1 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



#10

Phenol

Concen: 2.415 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106600.D

Acq: 19 Jun 2018 23:24

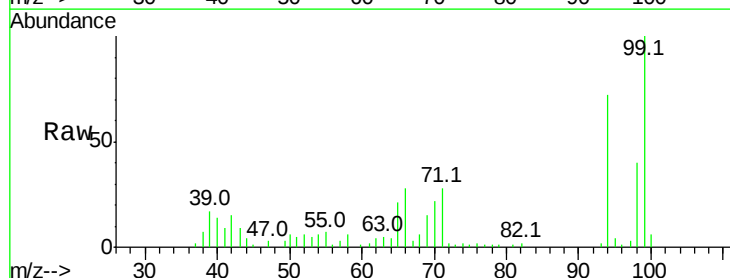
Tgt Ion: 94 Resp: 20347

Ion Ratio Lower Upper

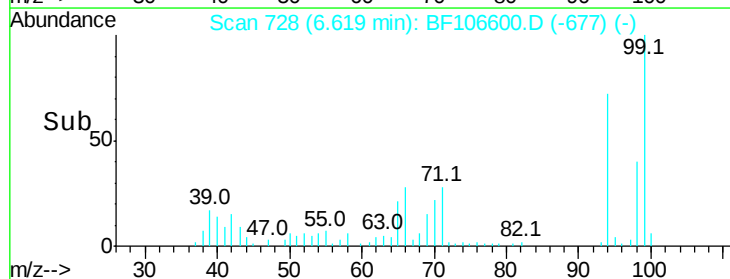
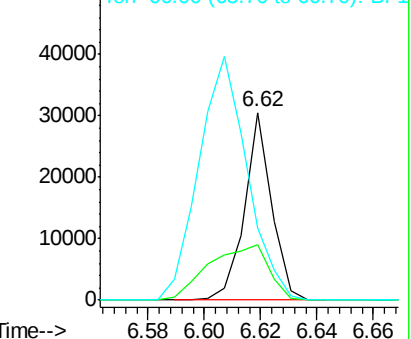
94 100

65 29.6 7.9 47.9

66 38.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106600.D

Acq: 19 Jun 2018 23:24

Instrument :

BNA_F

ClientSampleId :

A-4(2.0)

Tot Ion:136 Resp: 347342

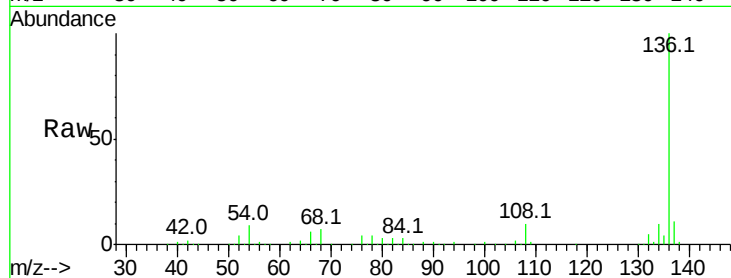
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.1 6.6 9.8

68 7.0 5.0 7.4

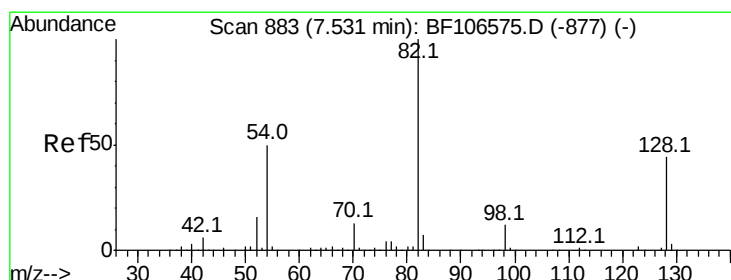
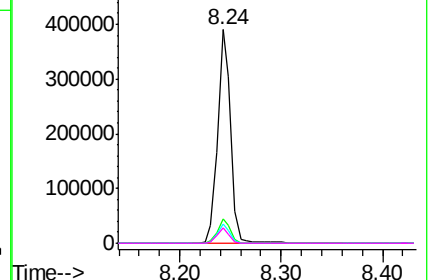
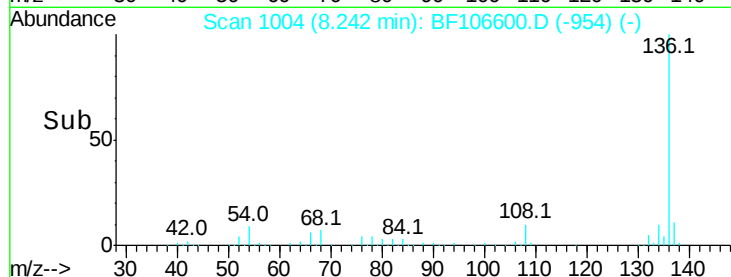


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.170 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106600.D

Acq: 19 Jun 2018 23:24

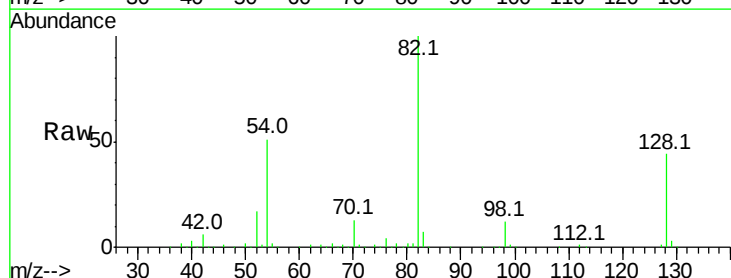
Tgt Ion: 82 Resp: 569827

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

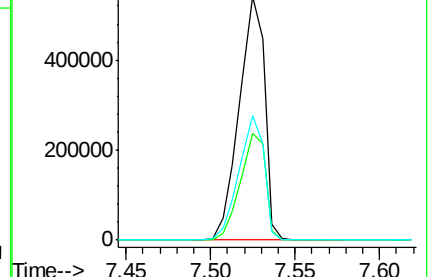
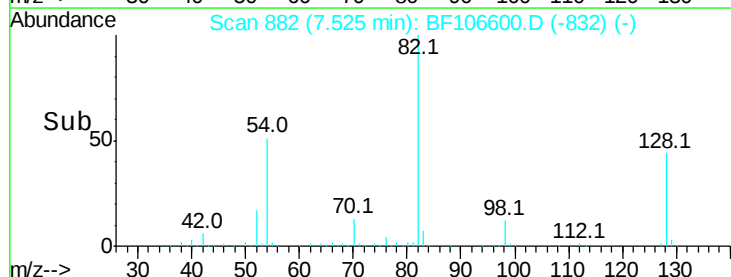
54 51.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

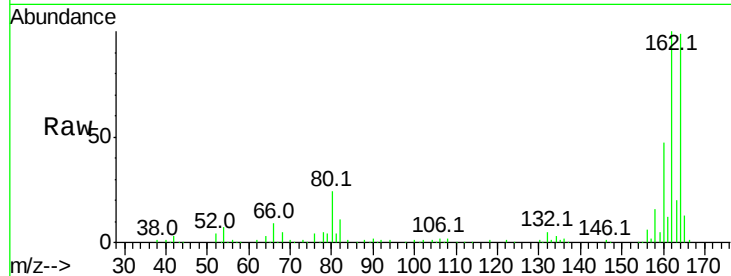




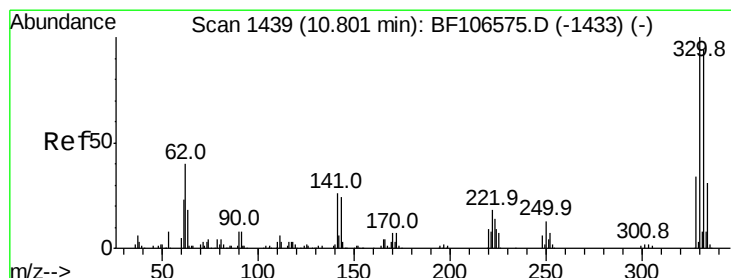
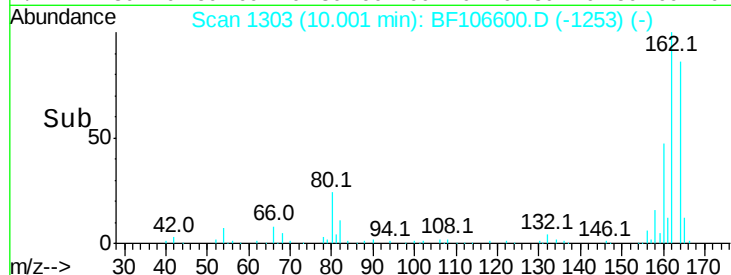
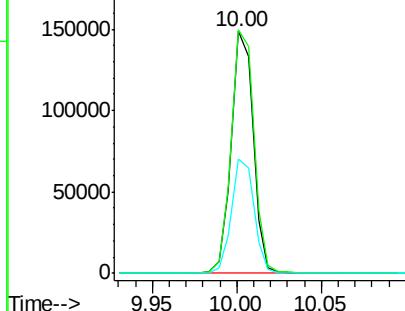
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106600.D
Acq: 19 Jun 2018 23:24

Instrument :
BNA_F
ClientSampleId :
A-4(2.0)

Tot Ion:164 Resp: 133718
Ion Ratio Lower Upper
164 100
162 100.7 86.1 129.1
160 47.2 38.3 57.5

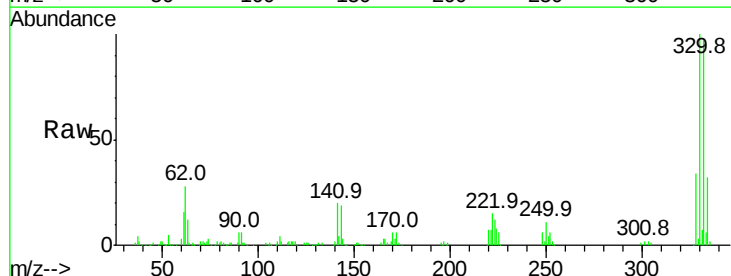


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

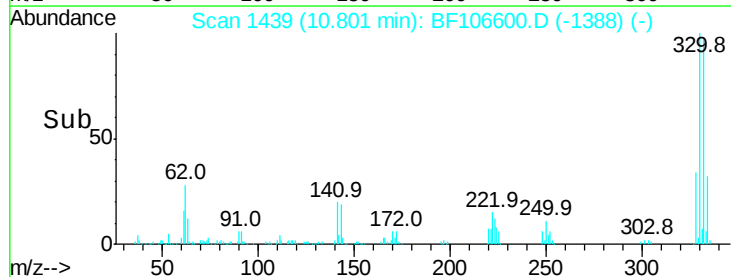
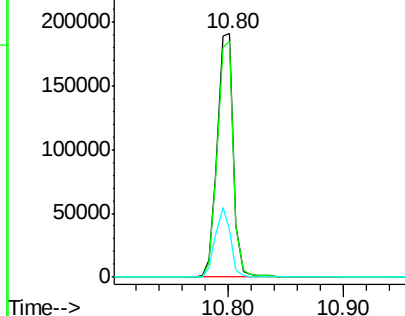


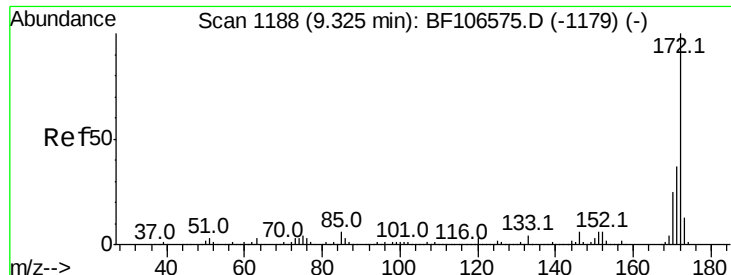
#41
2,4,6-Tribromophenol
Concen: 119.696 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106600.D
Acq: 19 Jun 2018 23:24

Tgt Ion:330 Resp: 185508
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 26.7 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

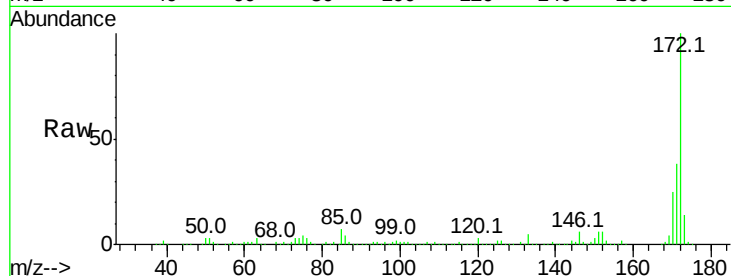




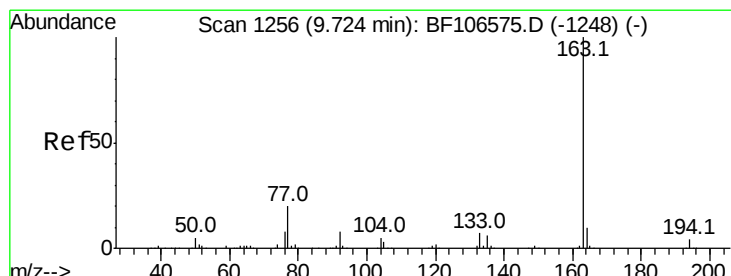
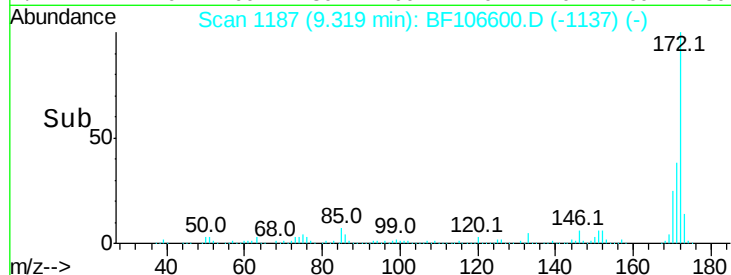
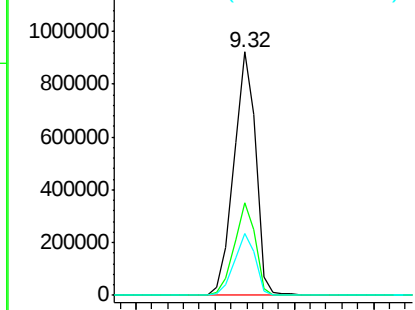
#44
 2-Fluorobiphenyl
 Concen: 117.528 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106600.D
 Acq: 19 Jun 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 A-4(2.0)

Tot Ion:172 Resp: 883881
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.7 44.5
 170 25.3 19.6 29.4

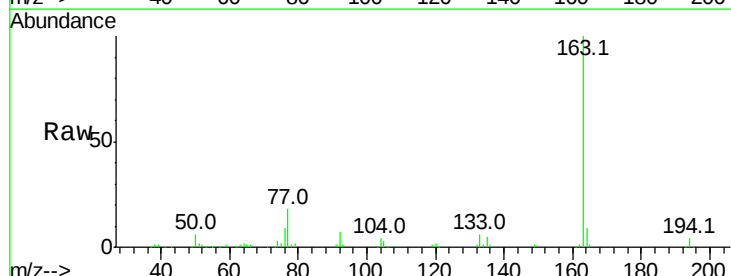


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

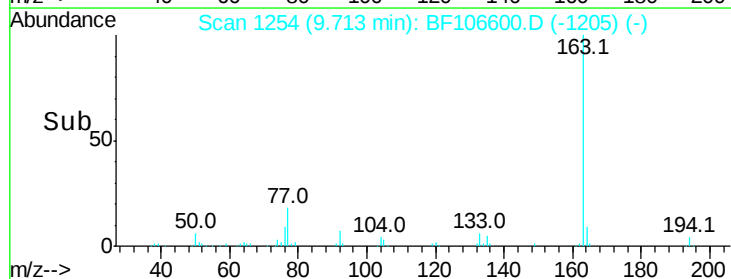
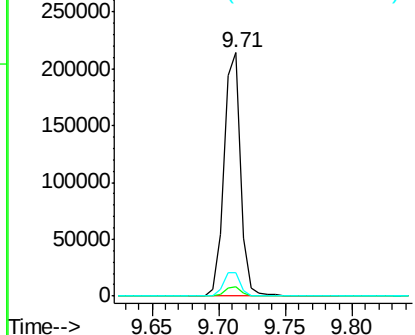


#49
 Dimethylphthalate
 Concen: 18.841 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106600.D
 Acq: 19 Jun 2018 23:24

Tgt Ion:163 Resp: 188955
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 9.4 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

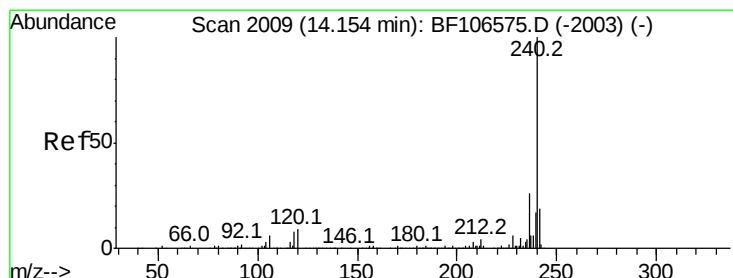
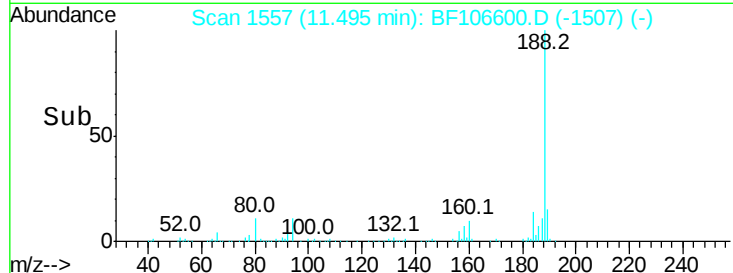
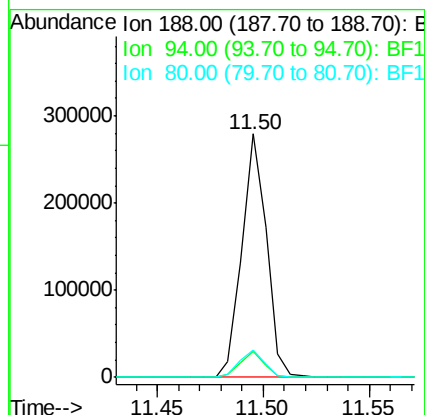
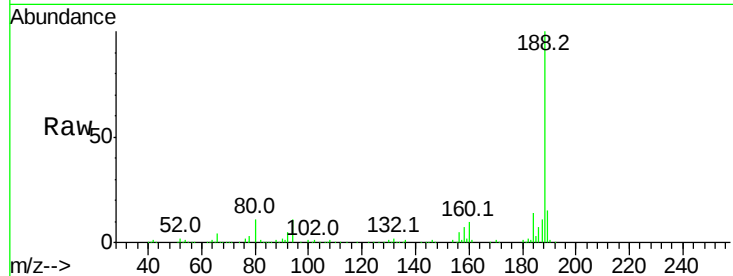




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106600.D
Acq: 19 Jun 2018 23:24

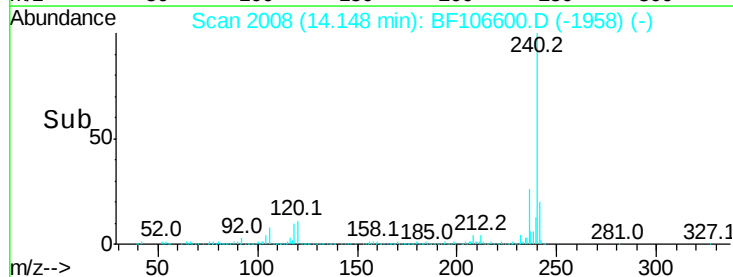
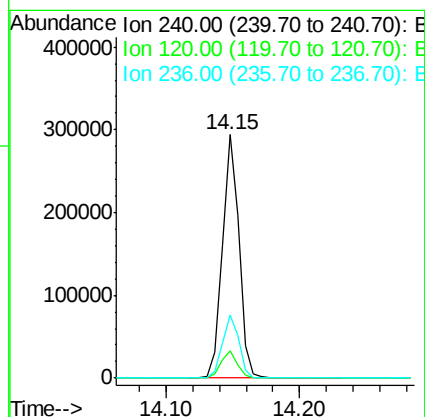
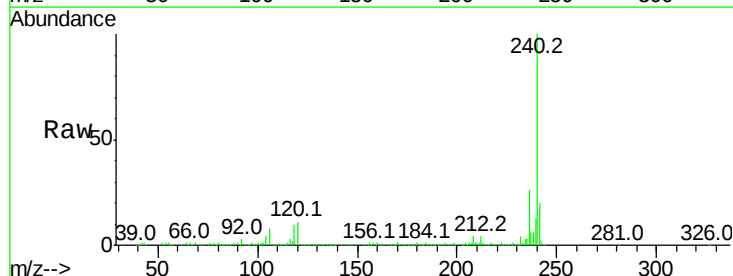
Instrument :
BNA_F
ClientSampleId :
A-4(2.0)

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.2	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106600.D
Acq: 19 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 79.063 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106600.D

Acq: 19 Jun 2018 23:24

Instrument :

BNA_F

ClientSampleId :

A-4(2.0)

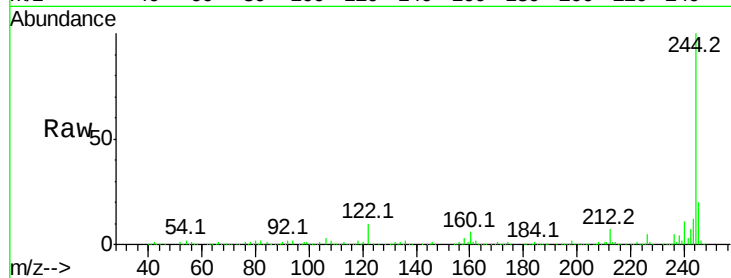
Tot Ion:244 Resp: 848402

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

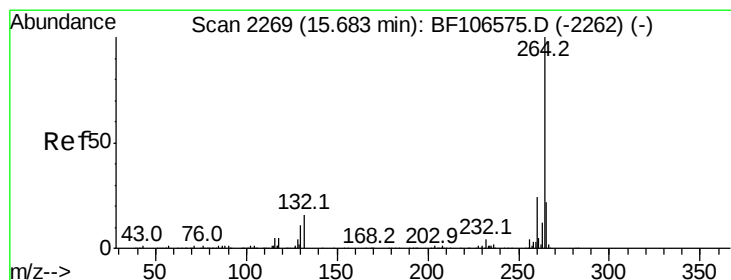
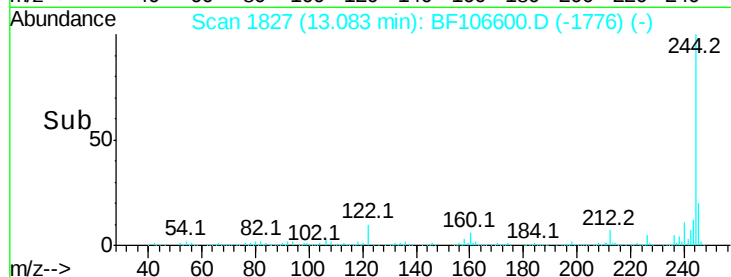
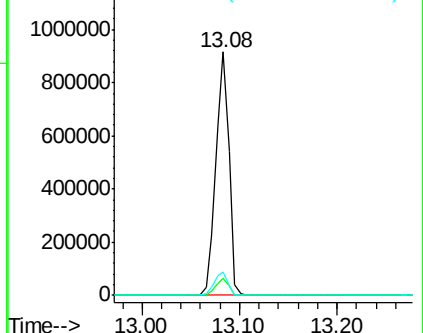
122 9.9 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF106600.D

Acq: 19 Jun 2018 23:24

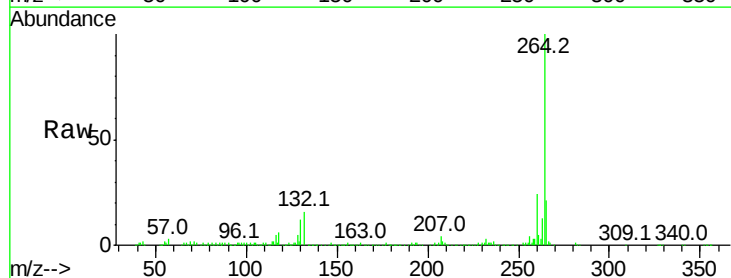
Tgt Ion:264 Resp: 201633

Ion Ratio Lower Upper

264 100

260 24.5 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

