

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106601.D
 Acq On : 19 Jun 2018 23:50
 Operator : JU/SJ
 Sample : J3554-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Quant Time: Jun 20 04:38:03 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

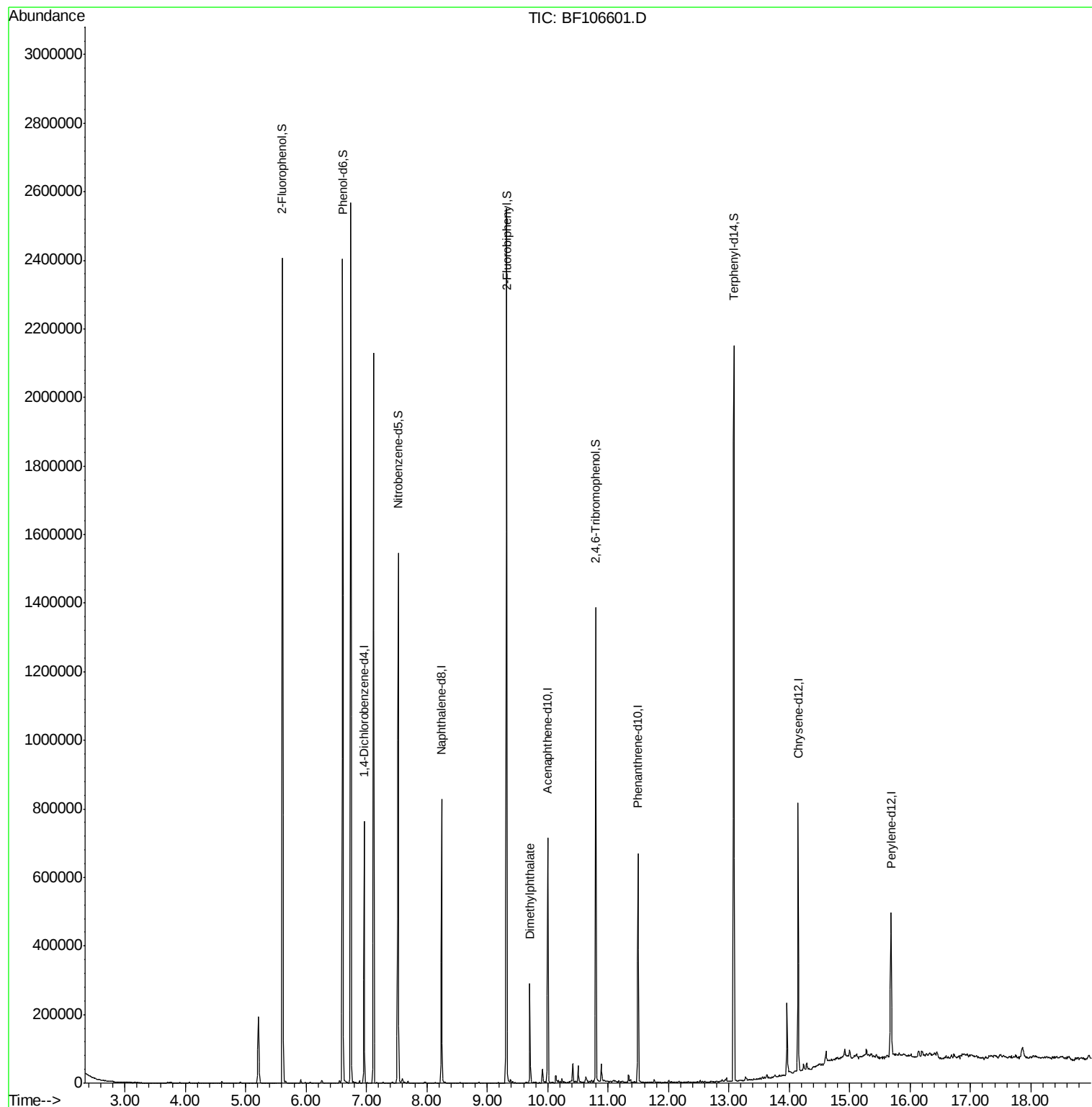
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102757	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	357796	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	136626	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	223999	20.00	ng	0.00
75) Chrysene-d12	14.15	240	265830	20.00	ng	0.00
86) Perylene-d12	15.68	264	199787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	705182	116.21	ng	0.00
7) Phenol-d6	6.61	99	882040	116.39	ng	0.00
23) Nitrobenzene-d5	7.52	82	589261	91.53	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	173995	109.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	811153	103.74	ng	0.00
78) Terphenyl-d14	13.08	244	754209	68.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	113858	11.111	ng	Qvalue 100

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

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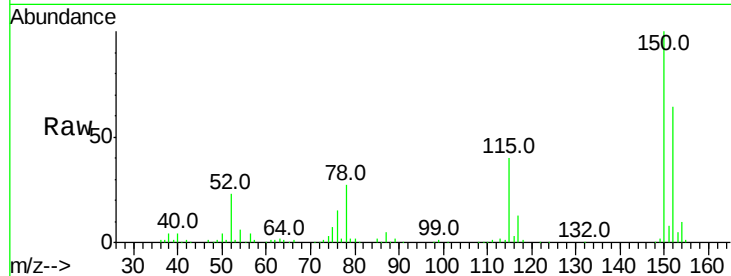


#1

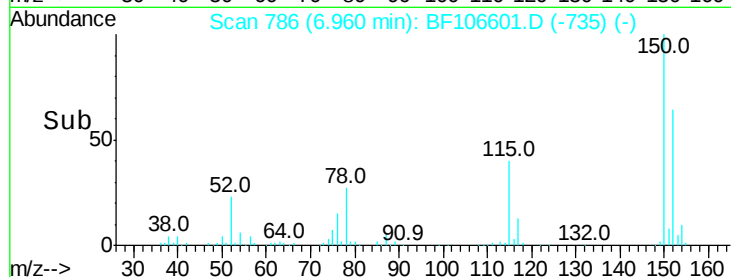
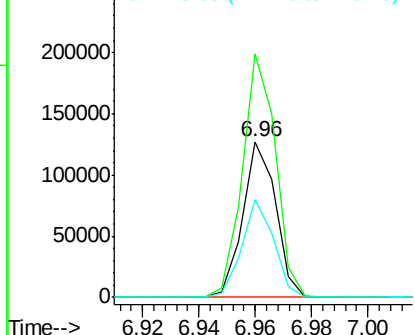
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tot Ion:152 Resp: 102757
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.5 50.1 75.1



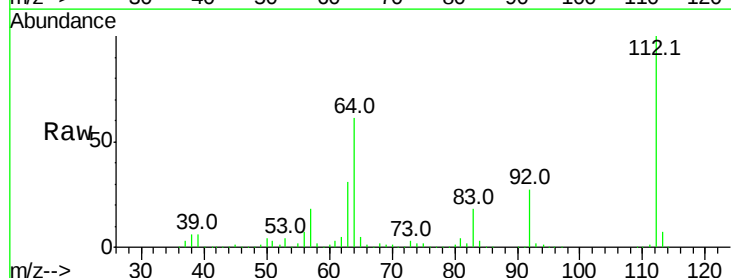
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



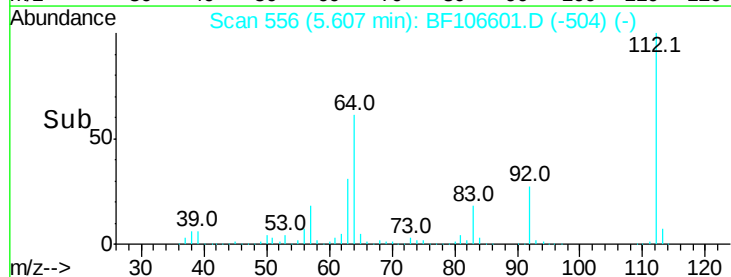
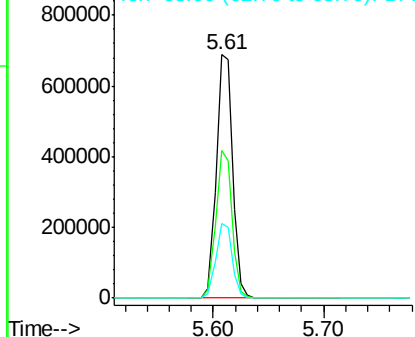
#5

2-Fluorophenol
Concen: 116.206 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Tgt Ion:112 Resp: 705182
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.7 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: 116.391 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

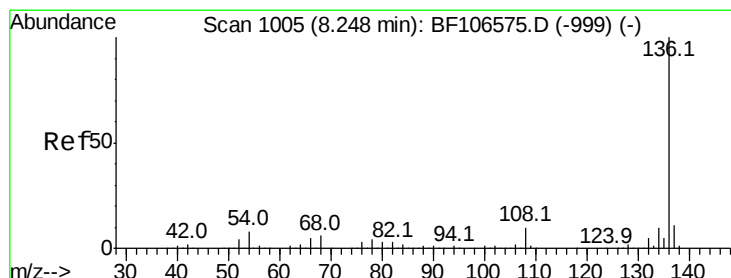
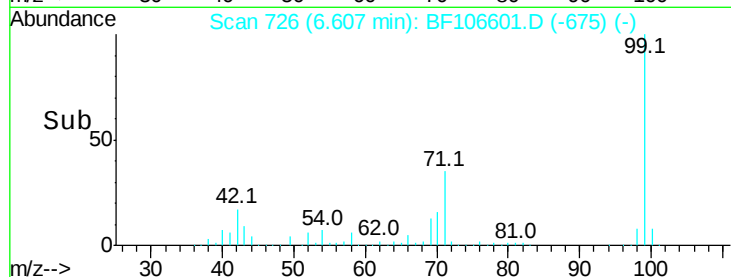
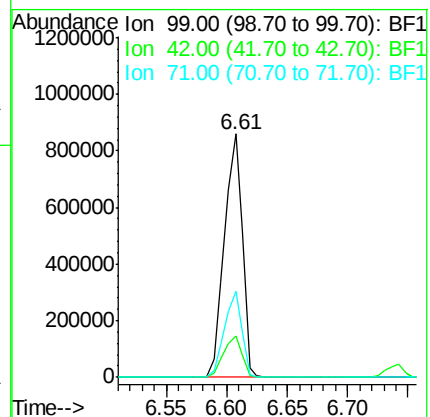
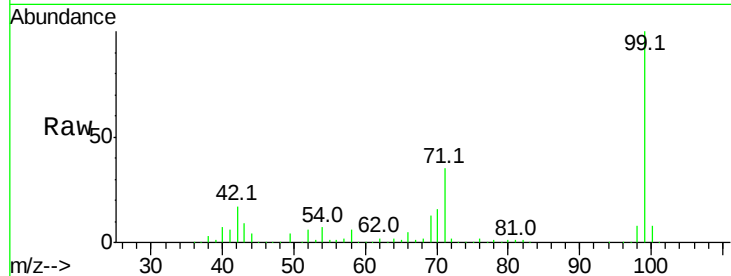
Tot Ion: 99 Resp: 882040

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

71 35.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Tgt Ion: 136 Resp: 357796

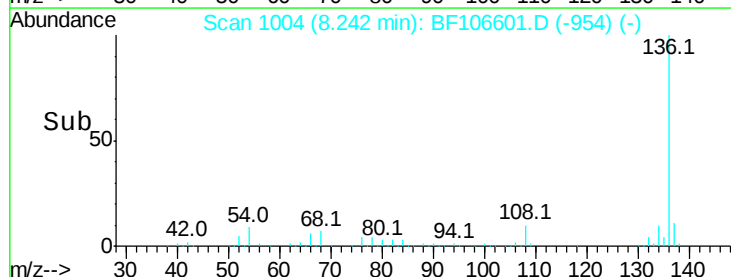
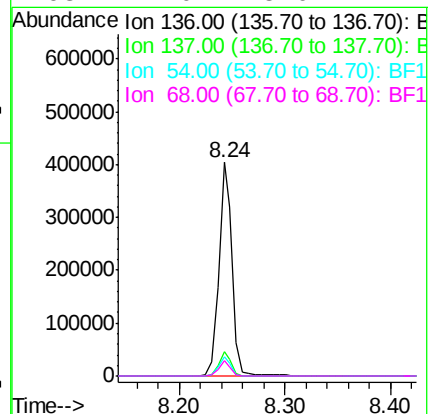
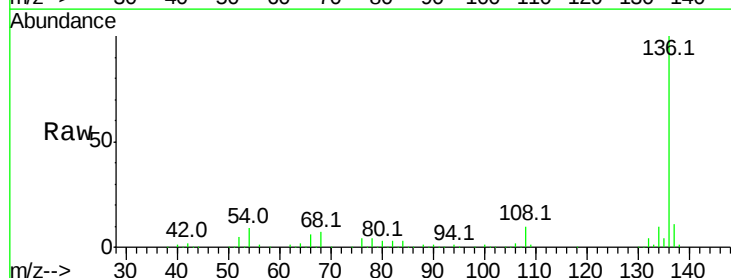
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.1 6.6 9.8

68 7.0 5.0 7.4

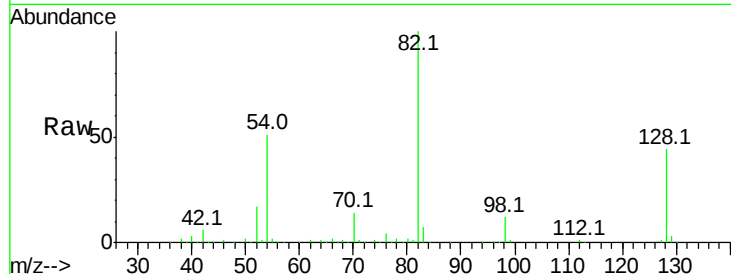




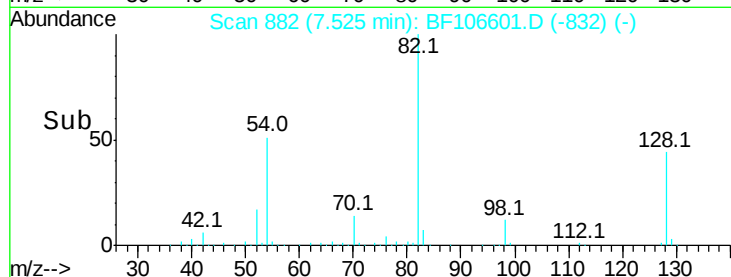
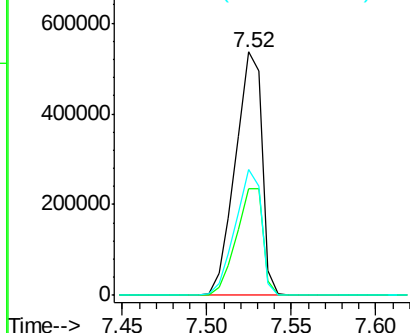
#23
 Nitrobenzene-d5
 Concen: 91.525 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Tot Ion	82	Resp	589261
Ion Ratio	Lower	Upper	
82	100		
128	43.9	36.1	54.1
54	51.5	41.4	62.2

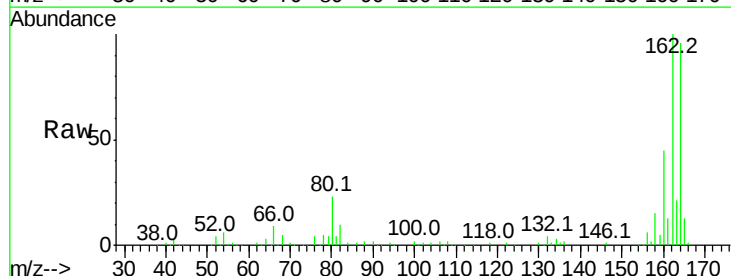


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

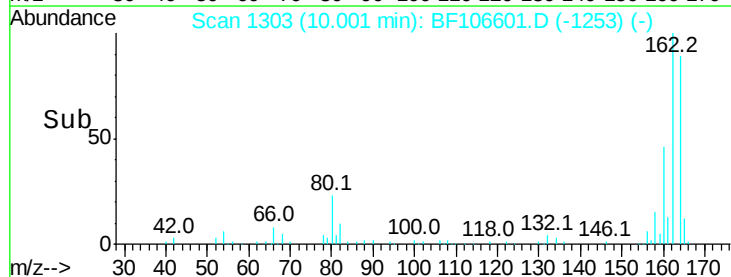
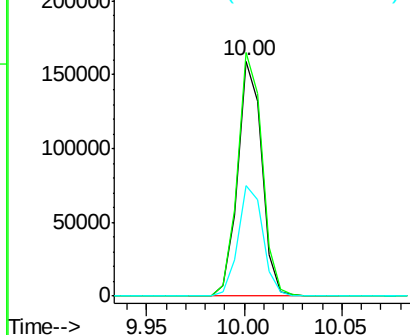


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Tgt Ion	164	Resp	136626
Ion Ratio	Lower	Upper	
164	100		
162	103.7	86.1	129.1
160	47.1	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

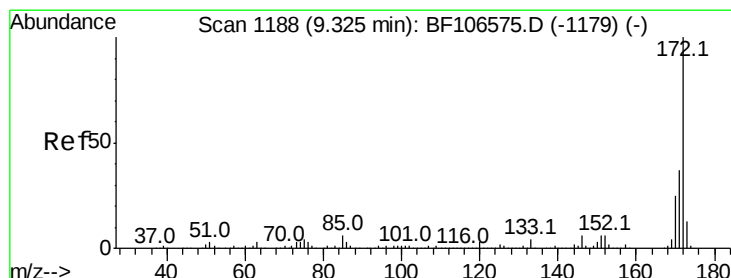
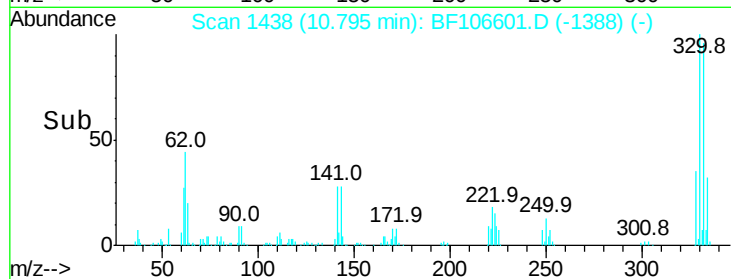
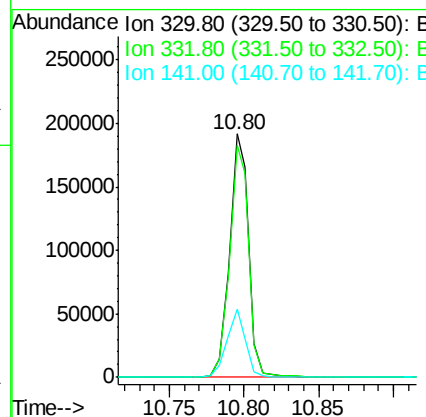
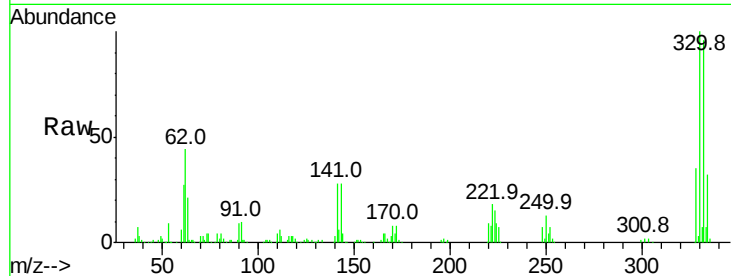




#41
 2,4,6-Tribromophenol
 Concen: 109.878 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

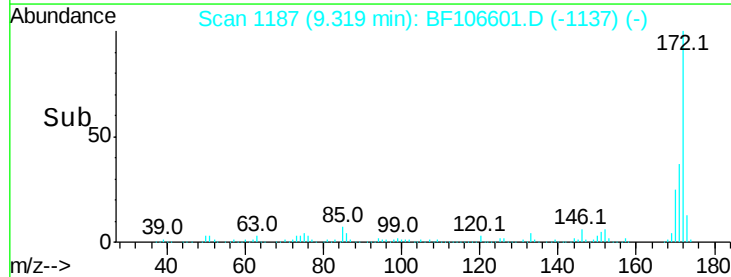
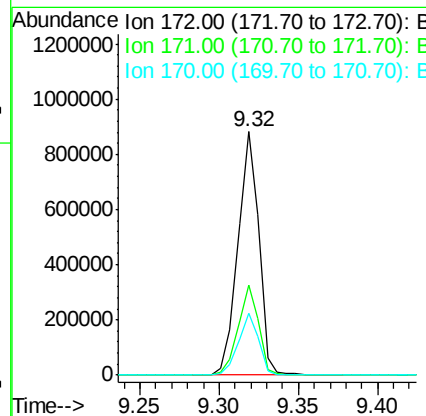
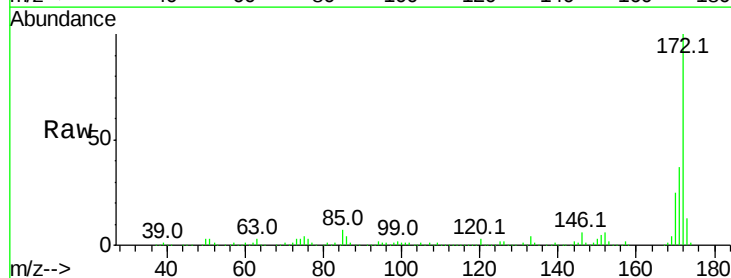
Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	27.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 103.745 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.3	19.6	29.4





#49

Dimethylphthalate

Concen: 11.111 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

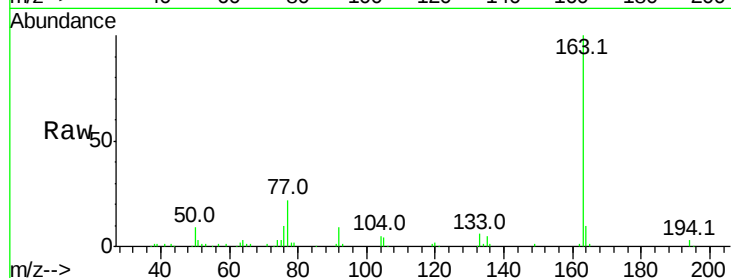
Tot Ion:163 Resp: 113858

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

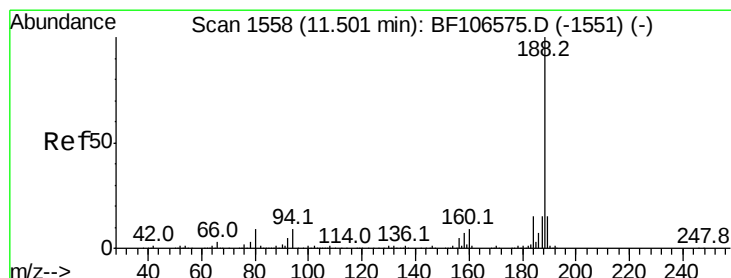
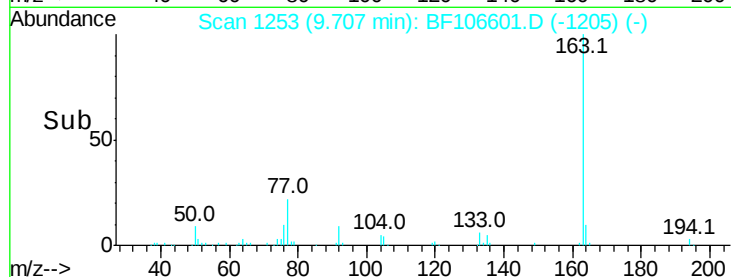
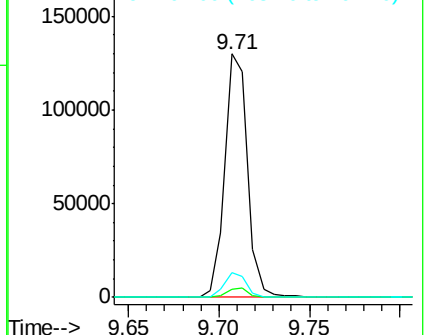
164 10.0 8.2 12.2



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: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

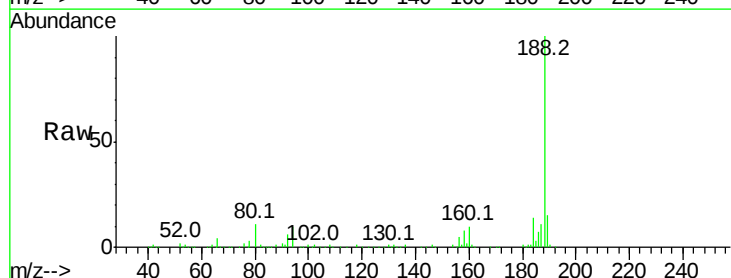
Tgt Ion:188 Resp: 223999

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

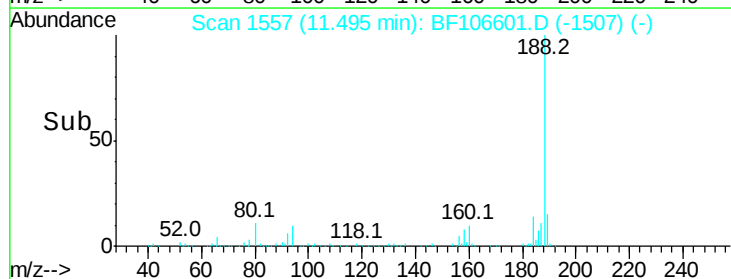
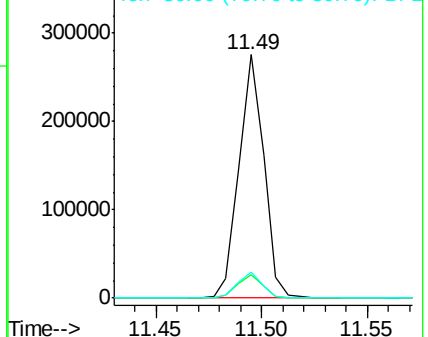
80 10.6 9.2 13.8

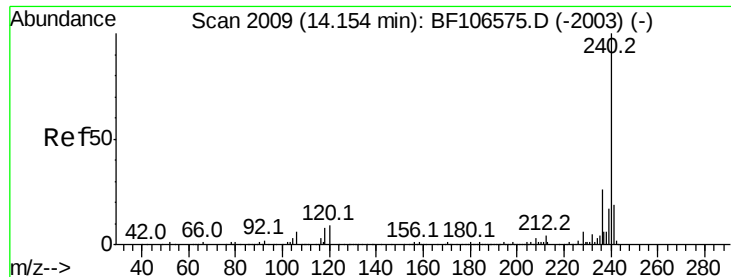


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

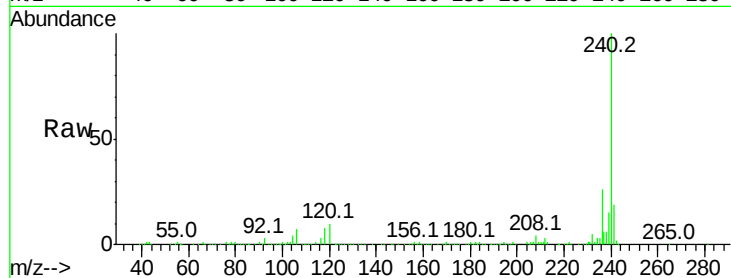
BNA_F

ClientSampleId :

A-5(2.5)

Tot Ion:240 Resp: 265830

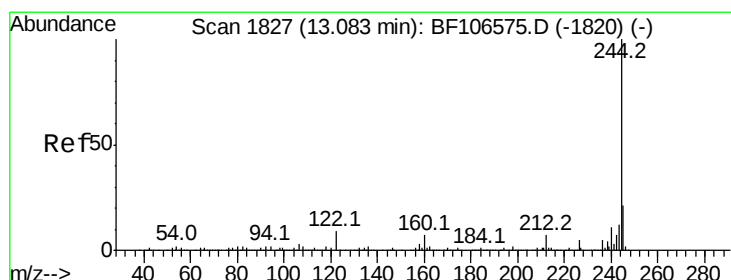
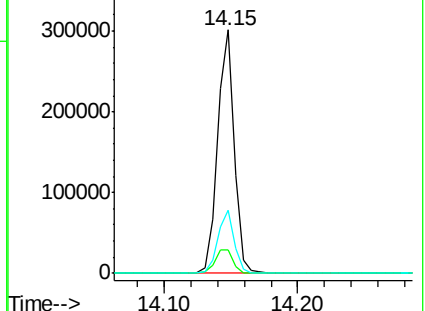
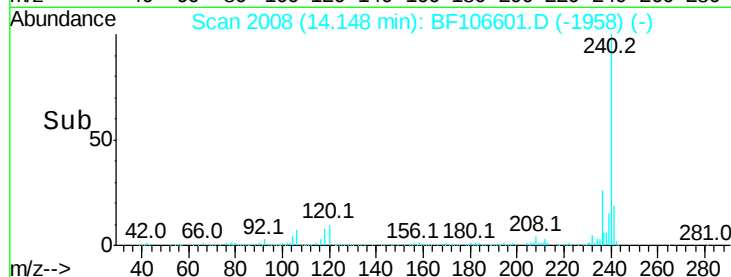
Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.8	20.7	31.1



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: 68.725 ng

RT: 13.08 min Scan# 1827

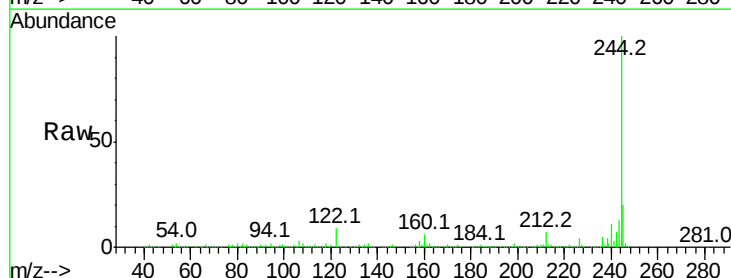
Delta R.T. 0.00 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Tgt Ion:244 Resp: 754209

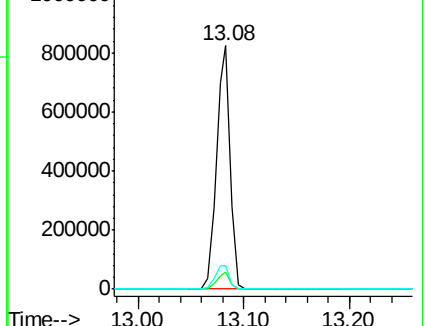
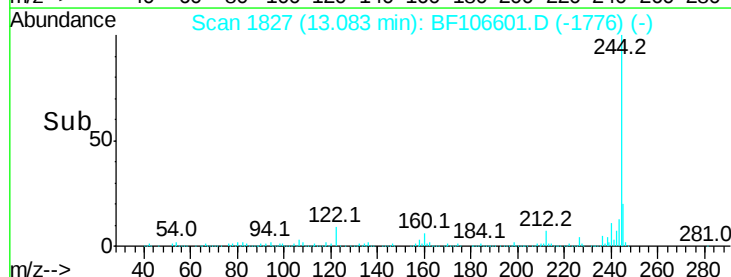
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.5	11.0	16.4

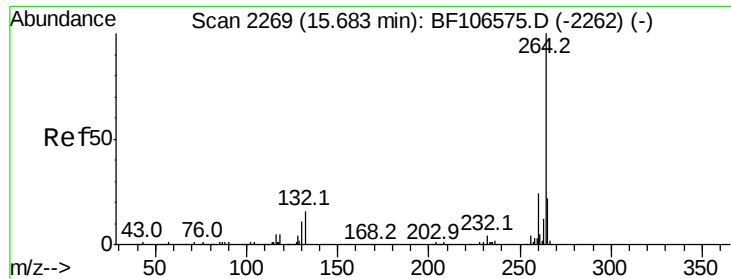


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2269
 Delta R.T. 0.00 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Instrument :
 BNA_F
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 A-5(2.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3

