

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106625.D
 Acq On : 20 Jun 2018 17:50
 Operator : JU/SJ
 Sample : PB110384BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BL

Quant Time: Jun 21 01:54:59 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	6.95	152	89886	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	352524	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	188979	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	407191	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	411184	20.00	ng	-0.01
86) Perylene-d12	15.68	264	318243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	486595	91.67	ng	0.00
7) Phenol-d6	6.60	99	608750	91.83	ng	-0.01
23) Nitrobenzene-d5	7.52	82	578138	91.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	223013	101.82	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1037174	94.55	ng	0.00
78) Terphenyl-d14	13.08	244	1400697	82.52	ng	0.00

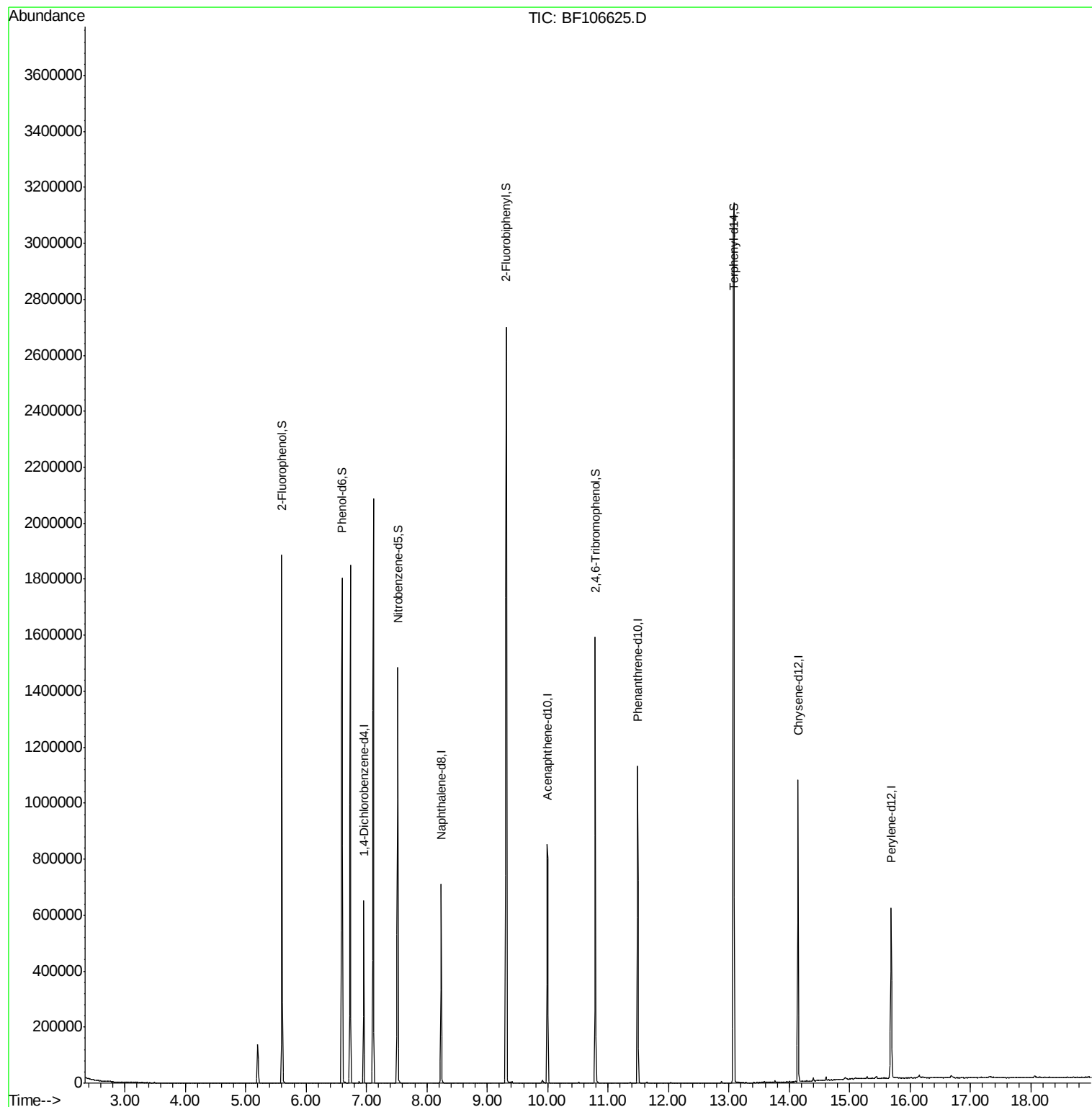
Target Compounds Qvalue

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

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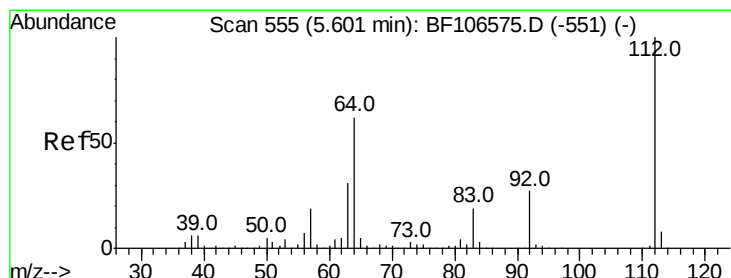
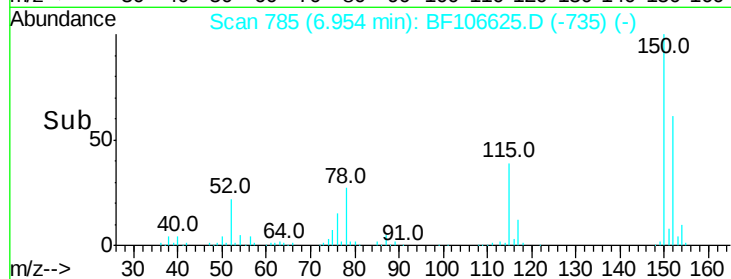
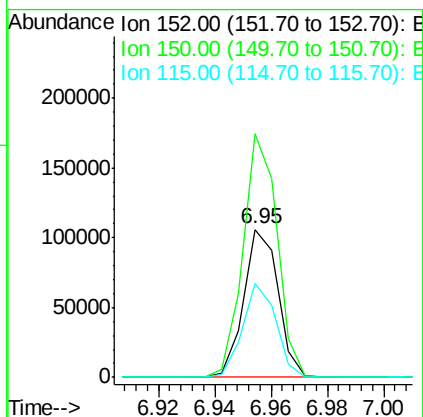
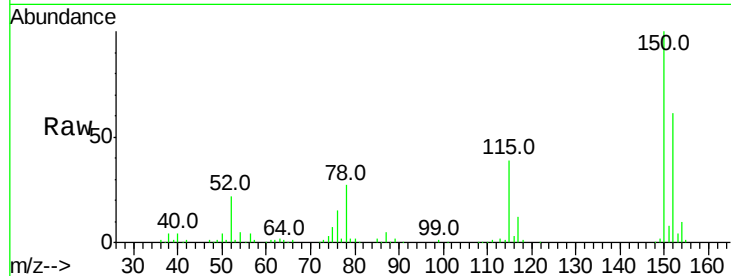


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106625.D
Acq: 20 Jun 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB110384BL

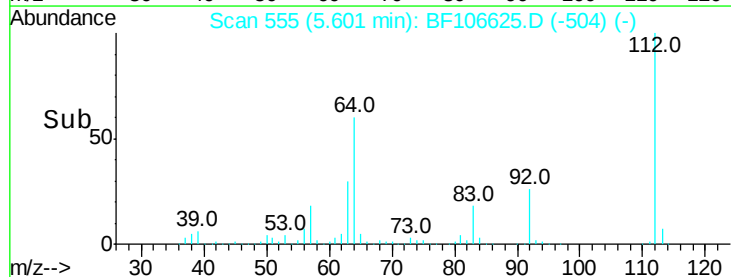
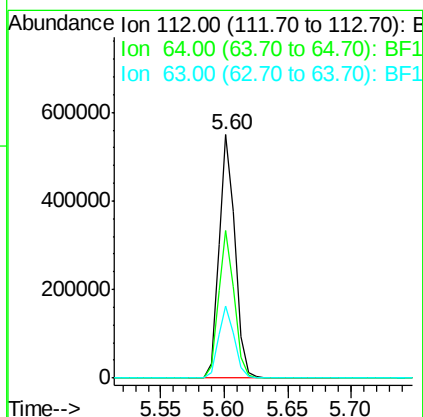
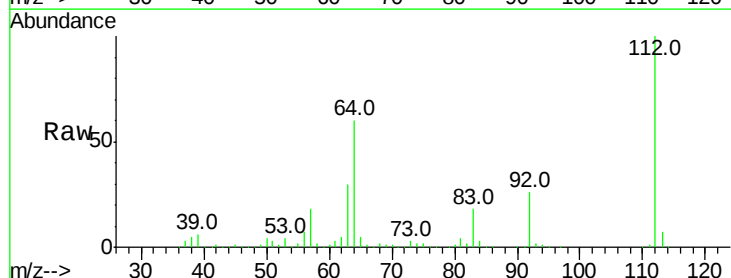
Tot Ion:152 Resp: 89886
Ion Ratio Lower Upper
152 100
150 164.3 124.6 186.8
115 63.6 50.1 75.1



#5

2-Fluorophenol
Concen: 91.667 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106625.D
Acq: 20 Jun 2018 17:50

Tgt Ion:112 Resp: 486595
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 91.831 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106625.D

Acq: 20 Jun 2018 17:50

Instrument :

BNA_F

ClientSampleId :

PB110384BL

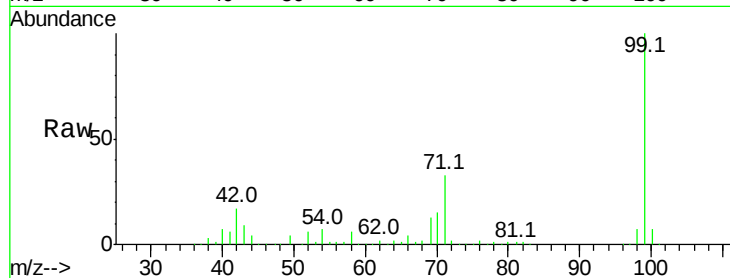
Tot Ion: 99 Resp: 608750

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

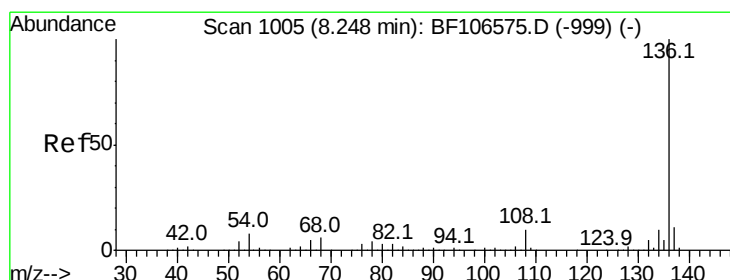
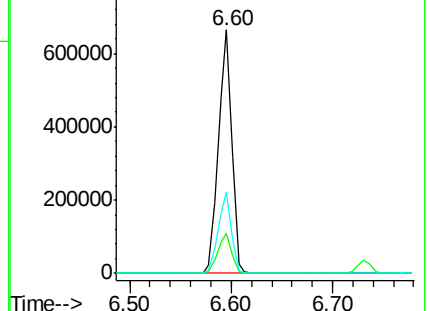
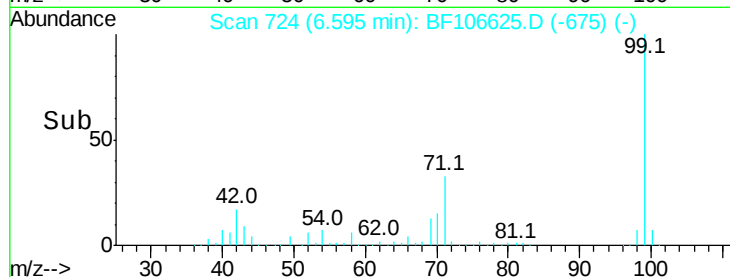
71 33.3 25.4 38.0



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: BF106625.D

Acq: 20 Jun 2018 17:50

Tgt Ion: 136 Resp: 352524

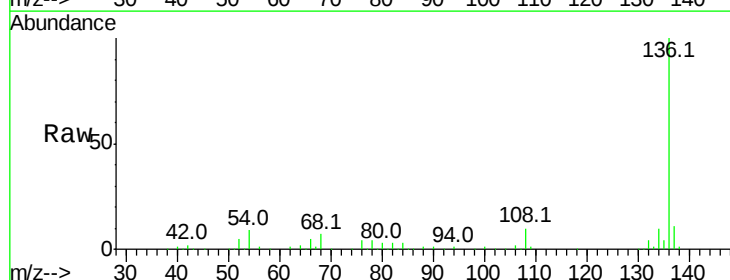
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.7 6.6 9.8

68 7.4 5.0 7.4

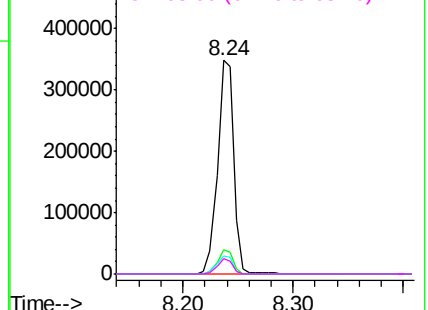
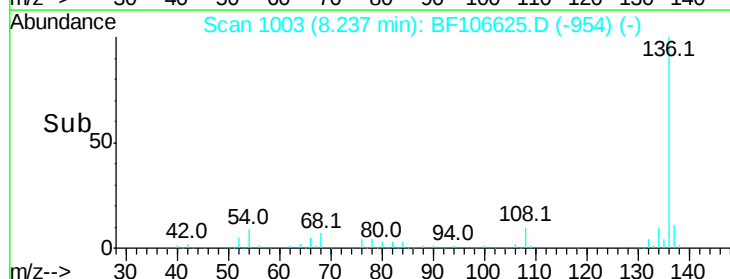


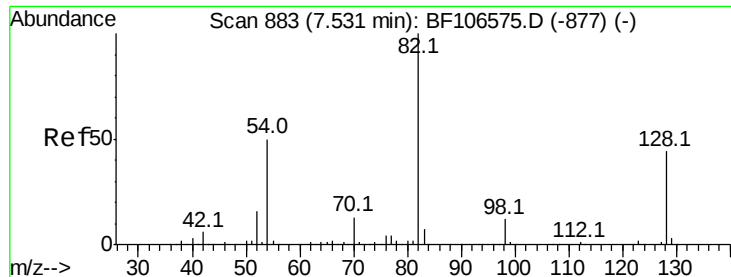
Abundance Ion 136.00 (135.70 to 136.70): E

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

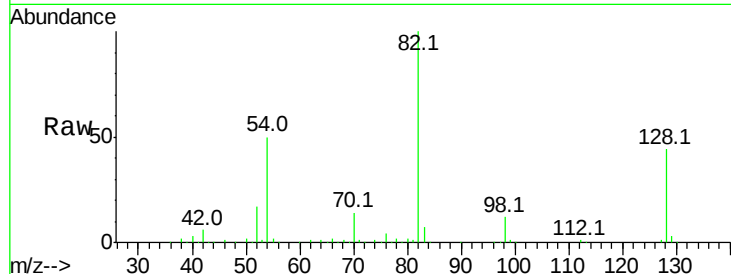




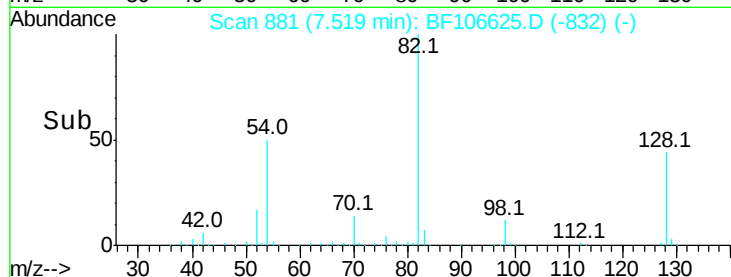
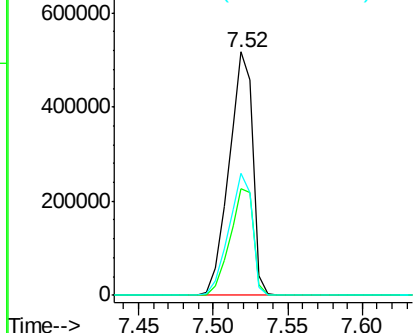
#23
 Nitrobenzene-d5
 Concen: 91.140 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106625.D
 Acq: 20 Jun 2018 17:50

Instrument :
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Tot Ion	82	Resp	578138
Ion Ratio	Lower	Upper	
82	100		
128	43.6	36.1	54.1
54	50.2	41.4	62.2

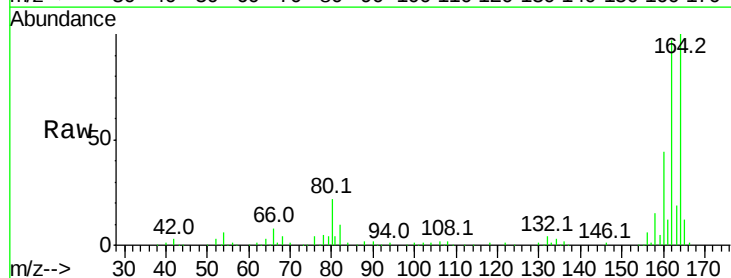


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

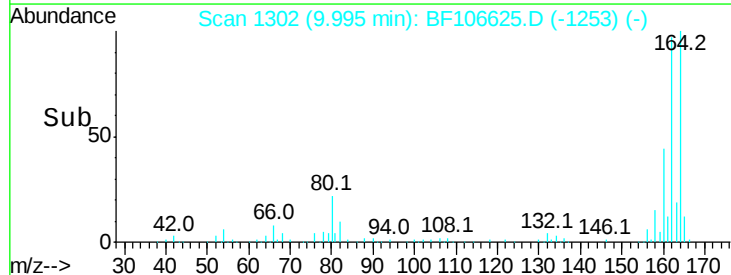
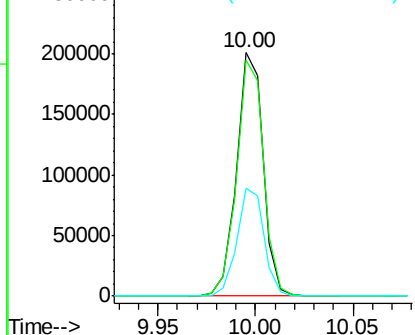


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106625.D
 Acq: 20 Jun 2018 17:50

Tgt Ion	164	Resp	188979
Ion Ratio	Lower	Upper	
164	100		
162	96.7	86.1	129.1
160	44.1	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

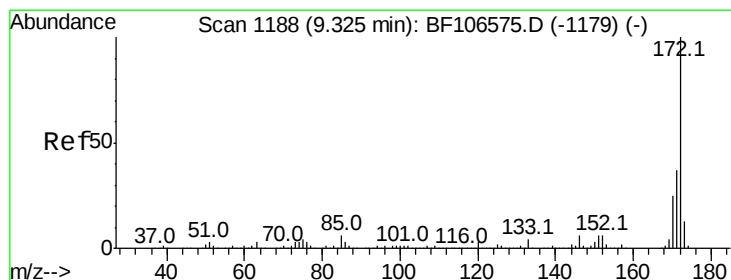
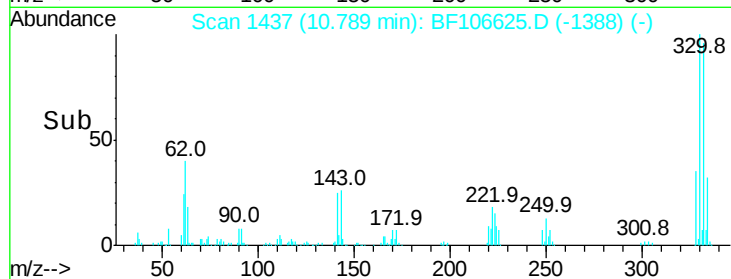
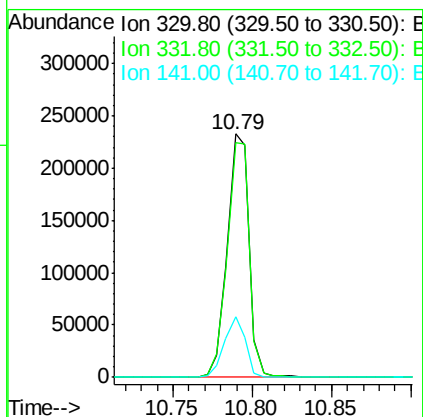
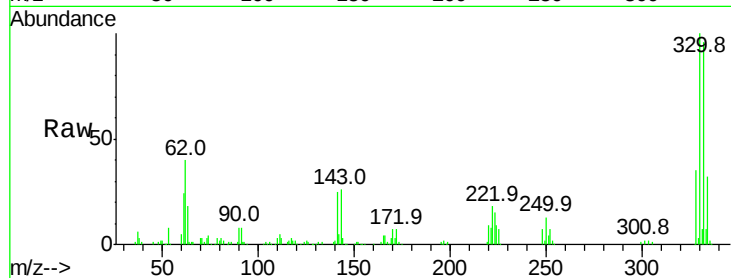




#41
 2,4,6-Tribromophenol
 Concen: 101.818 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106625.D
 Acq: 20 Jun 2018 17:50

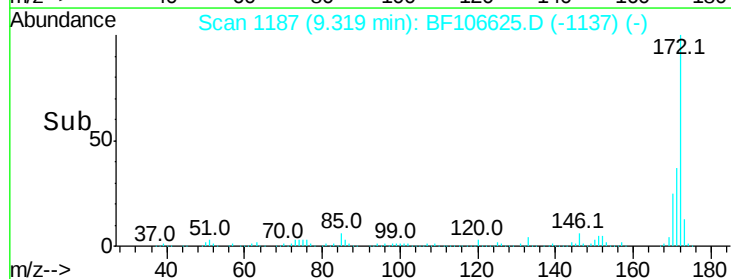
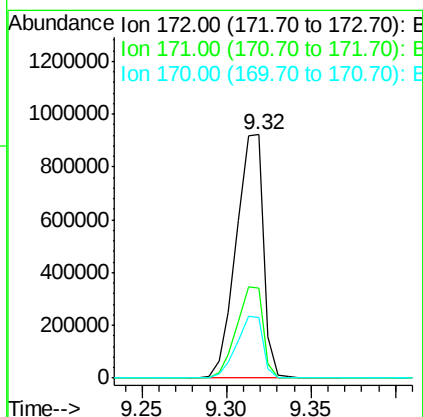
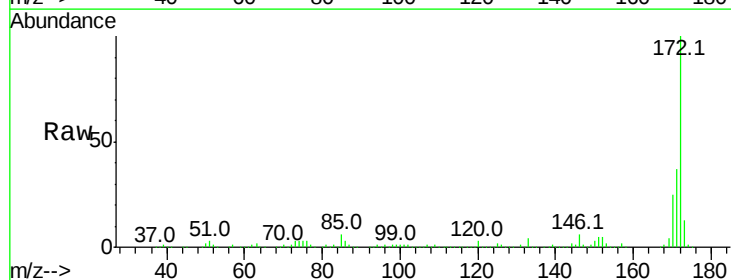
Instrument :
 BNA_F
 ClientSampleId :
 PB110384BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	24.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 94.555 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106625.D
 Acq: 20 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.7	19.6	29.4

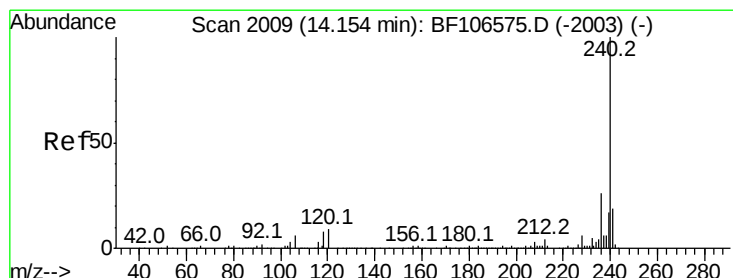
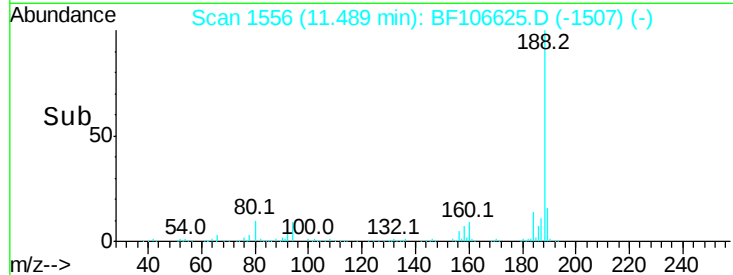
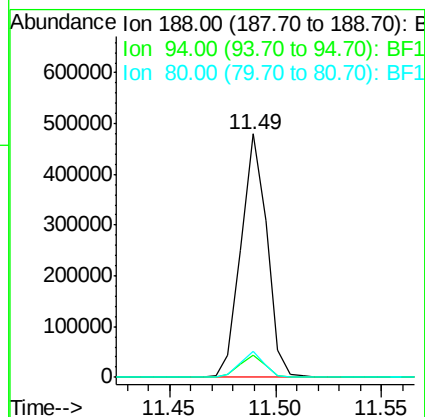
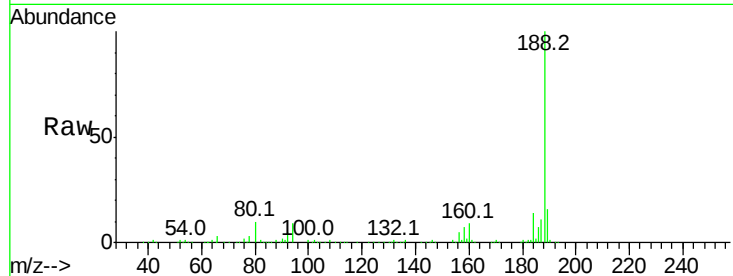




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106625.D
Acq: 20 Jun 2018 17:50

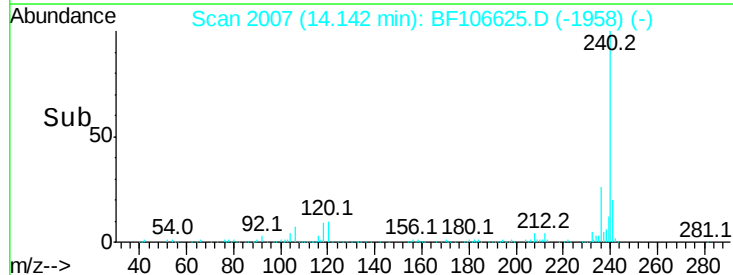
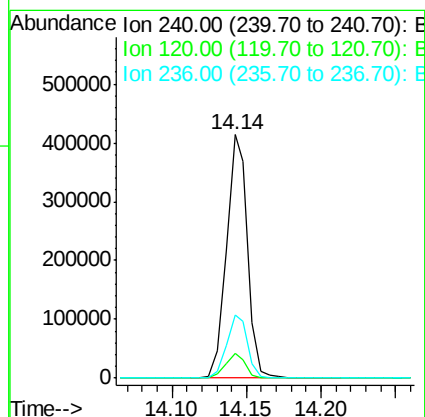
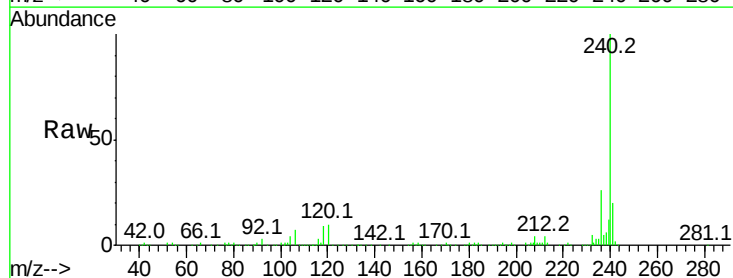
Instrument :
BNA_F
ClientSampleId :
PB110384BL

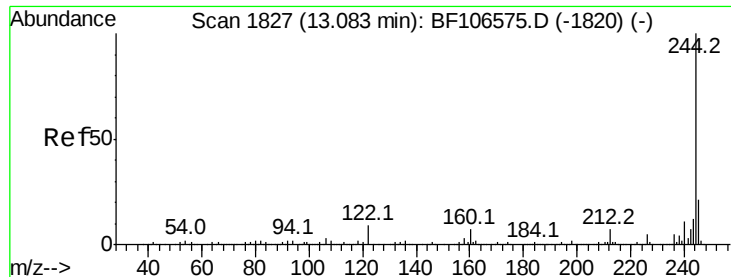
Tot Ion:188 Resp: 407191
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106625.D
Acq: 20 Jun 2018 17:50

Tgt Ion:240 Resp: 411184
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.2 20.7 31.1

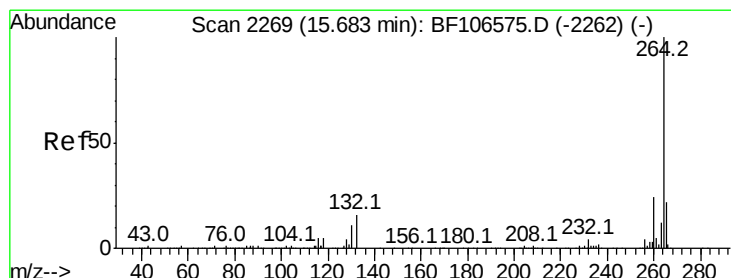
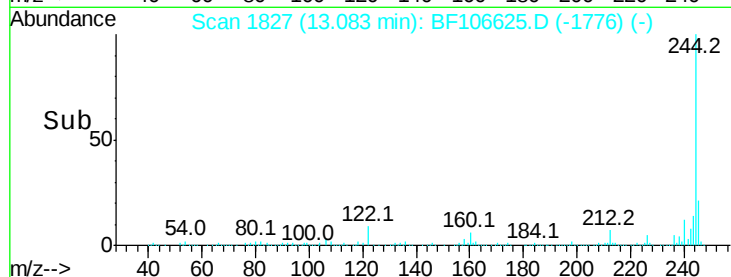
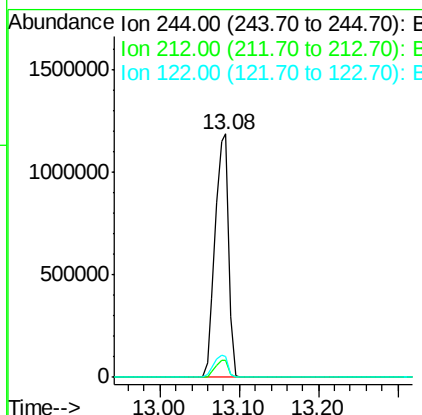
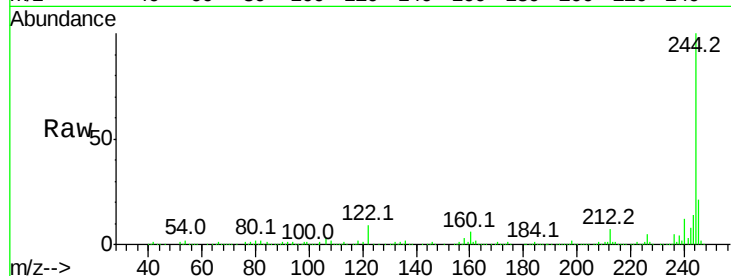




#78
 Terphenyl-d14
 Concen: 82.516 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106625.D
 Acq: 20 Jun 2018 17:50

Instrument :
 BNA_F
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Tot Ion:244 Resp: 1400697
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 8.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF106625.D
 Acq: 20 Jun 2018 17:50

Tgt Ion:264 Resp: 318243
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.5 17.5 26.3

