

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106894.D
 Acq On : 28 Jun 2018 2:02
 Operator : JU/SJ
 Sample : J3693-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Quant Time: Jun 28 06:59:50 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

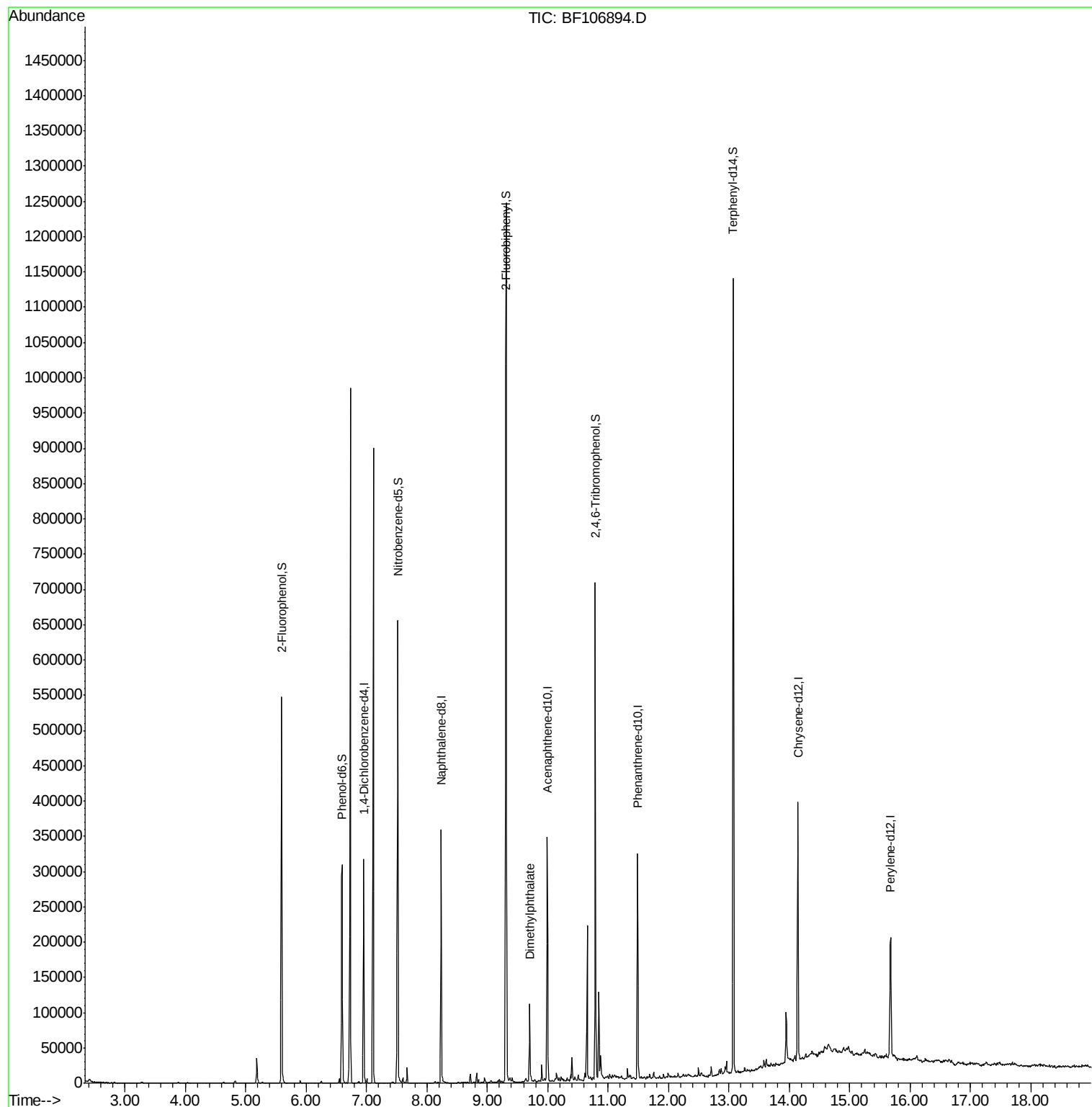
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	45144	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	158716	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	66759	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	114938	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	128720	20.00	ng	-0.02
86) Perylene-d12	15.68	264	90731	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	150702	56.53	ng	0.00
7) Phenol-d6	6.60	99	110486	33.19	ng	-0.02
23) Nitrobenzene-d5	7.52	82	250272	87.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	104195	134.66	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	411433	108.37	ng	-0.01
78) Terphenyl-d14	13.08	244	452830	85.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	39644	7.918	ng	Qvalue # 98

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

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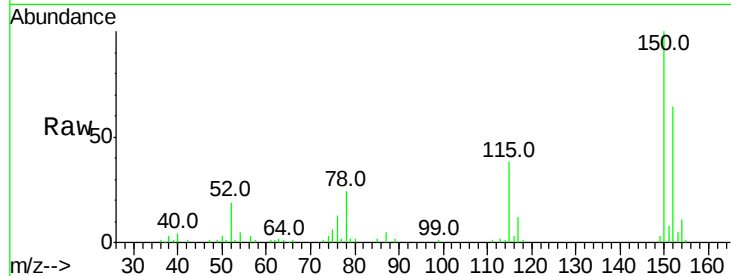


#1

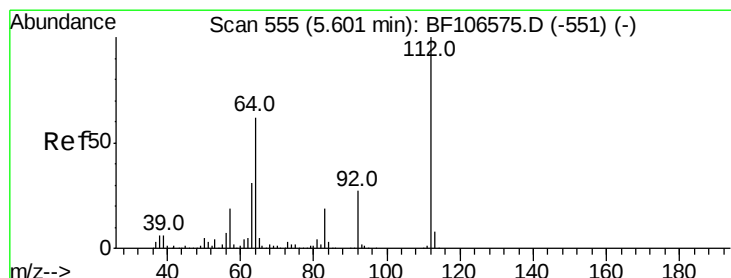
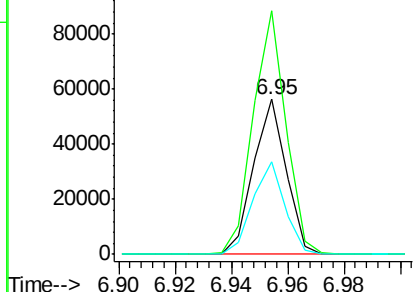
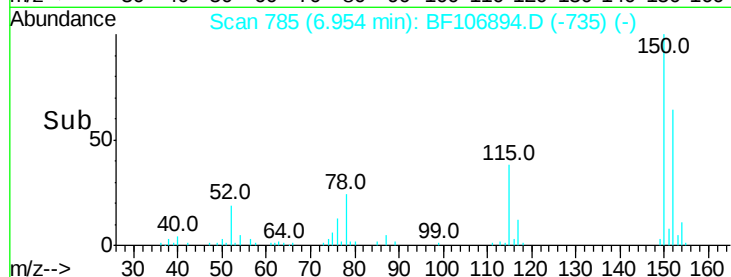
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106894.D
Acq: 28 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
W-41

Tot Ion:152 Resp: 45144
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 59.6 50.1 75.1



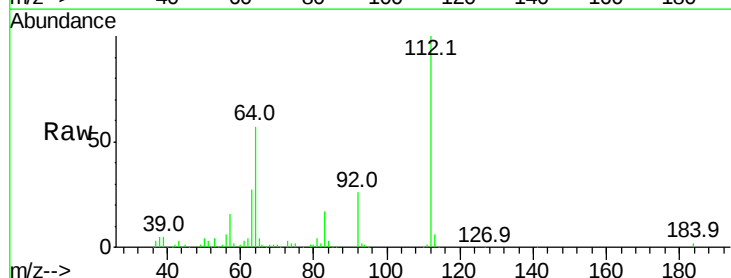
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



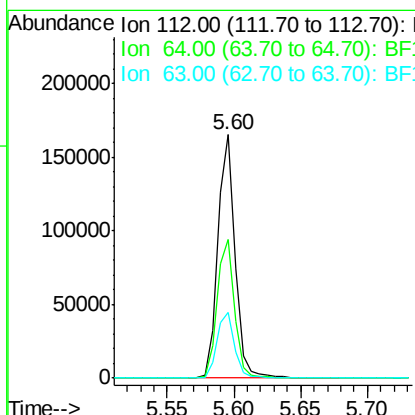
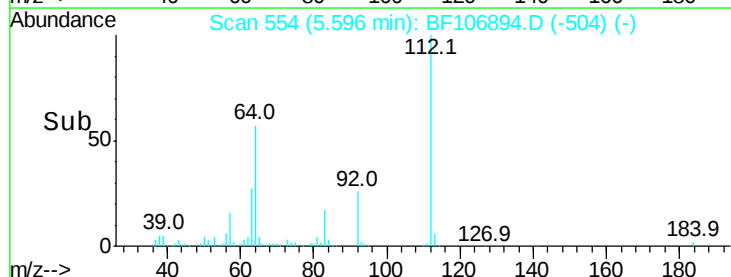
#5

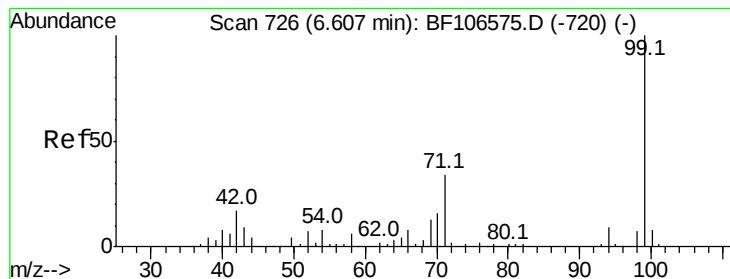
2-Fluorophenol
Concen: 56.527 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106894.D
Acq: 28 Jun 2018 2:02

Tgt Ion:112 Resp: 150702
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 27.2 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: 33.186 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106894.D

Acq: 28 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

W-41

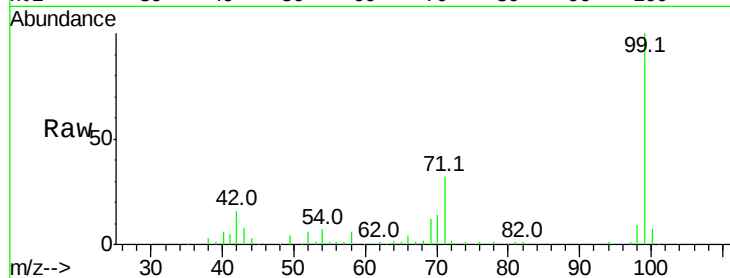
Tot Ion: 99 Resp: 110486

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

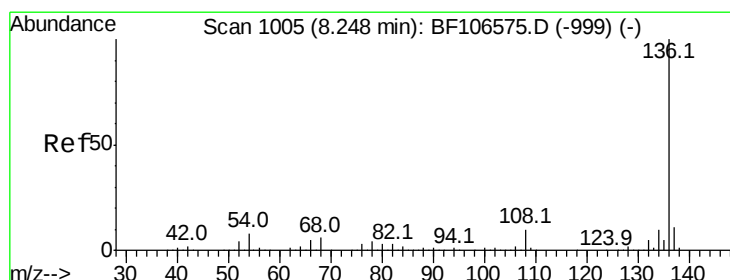
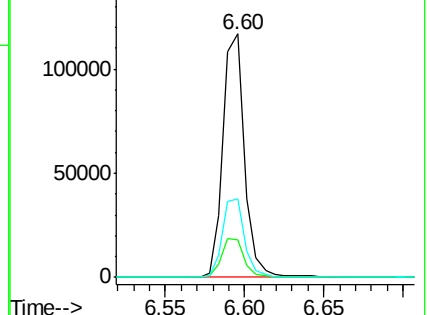
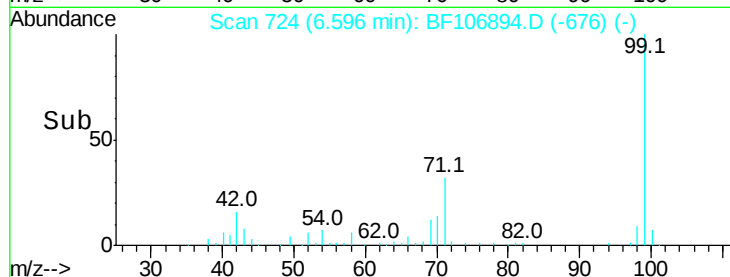
71 32.3 25.4 38.0



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: BF106894.D

Acq: 28 Jun 2018 2:02

Tgt Ion: 136 Resp: 158716

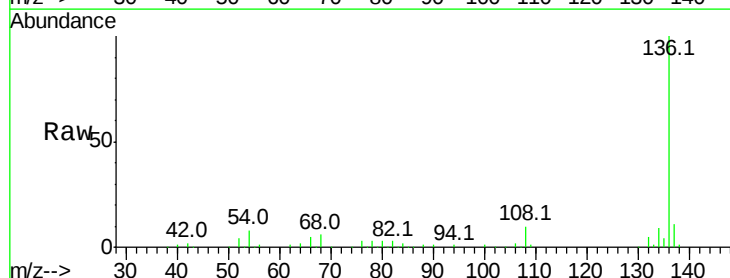
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 6.6 9.8

68 5.7 5.0 7.4

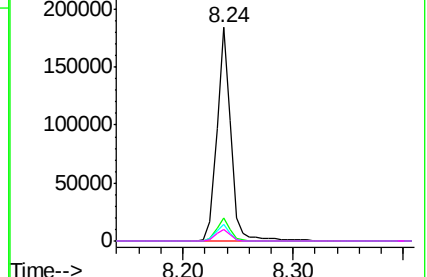
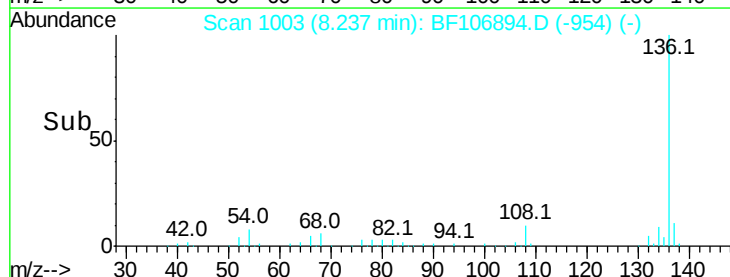


Abundance Ion 136.00 (135.70 to 136.70): E

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

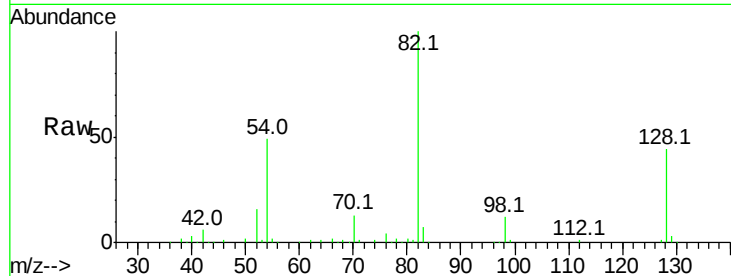




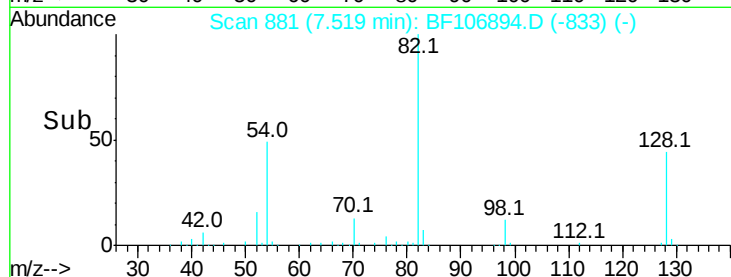
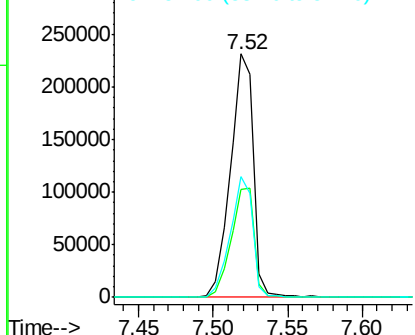
#23
 Nitrobenzene-d5
 Concen: 87.631 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106894.D
 Acq: 28 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Tot Ion	82	Resp	250272
Ion Ratio	Lower	Upper	
82	100		
128	44.4	36.1	54.1
54	49.4	41.4	62.2

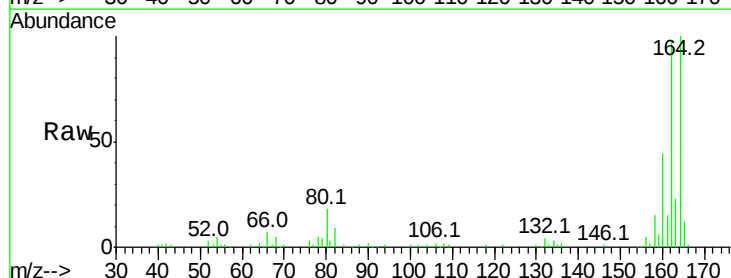


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

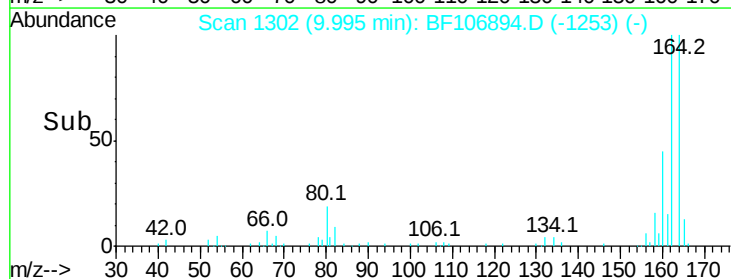
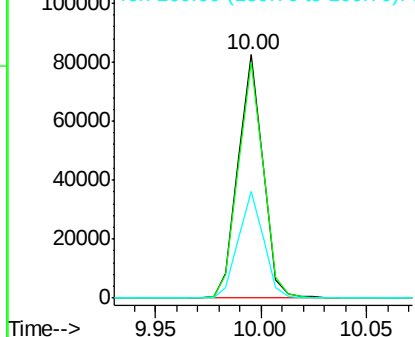


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106894.D
 Acq: 28 Jun 2018 2:02

Tgt Ion	164	Resp	66759
Ion Ratio	Lower	Upper	
164	100		
162	97.0	86.1	129.1
160	44.0	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

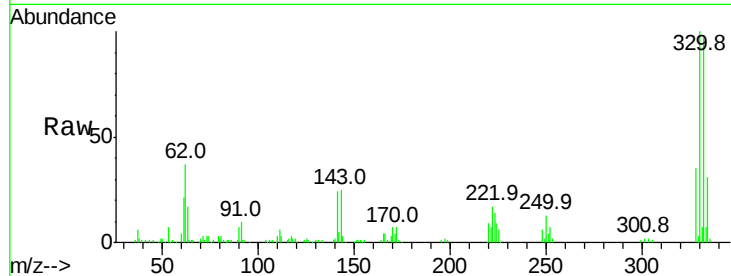




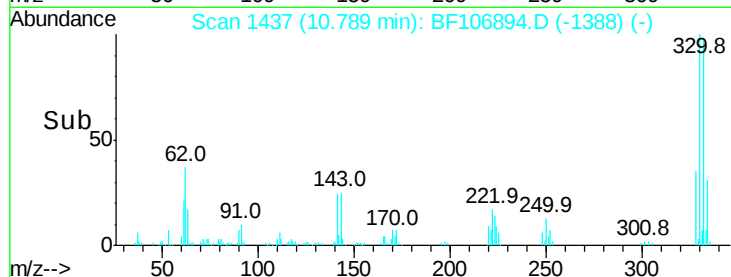
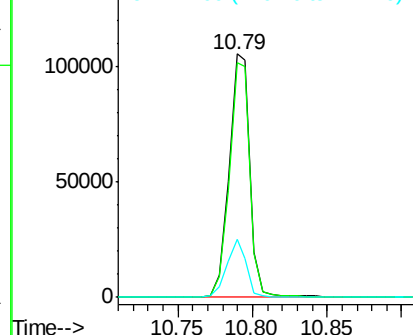
#41
 2,4,6-Tribromophenol
 Concen: 134.662 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106894.D
 Acq: 28 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampled :
 W-41

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	22.4	29.9	44.9#

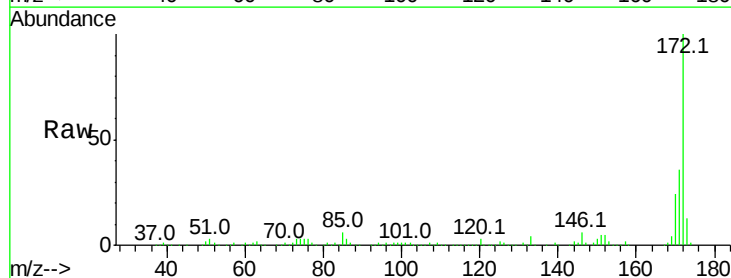


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

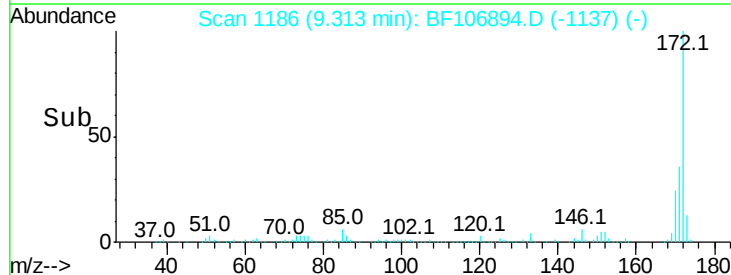
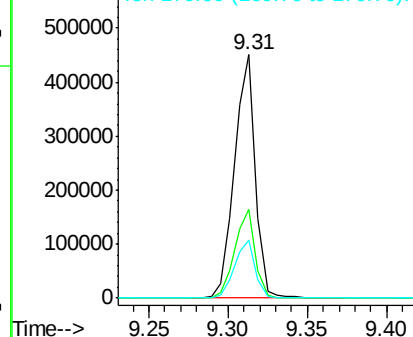


#44
 2-Fluorobiphenyl
 Concen: 108.372 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106894.D
 Acq: 28 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	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

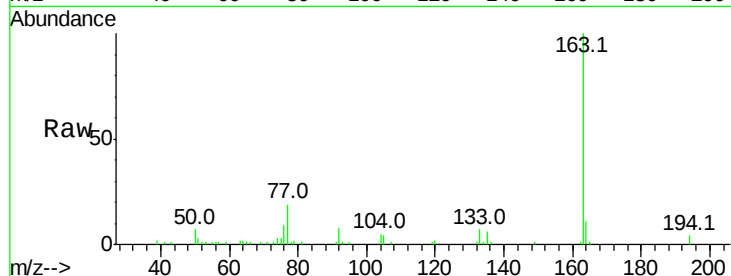




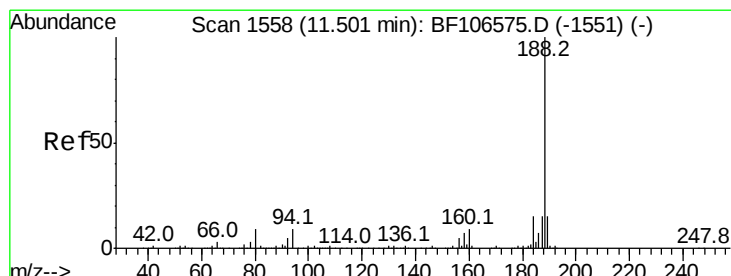
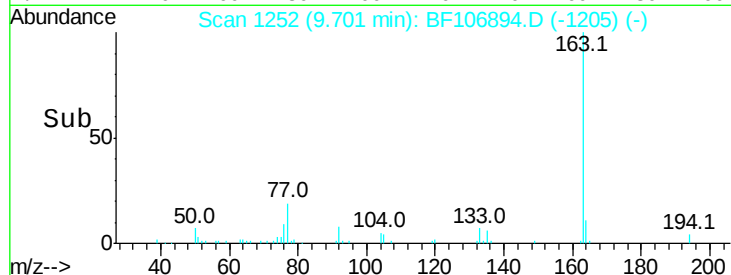
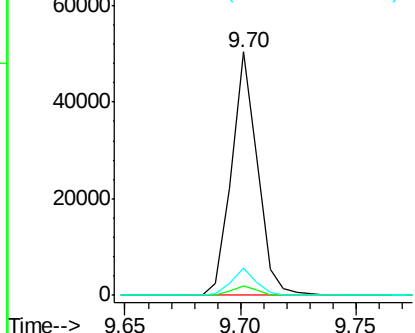
#49
Dimethylphthalate
Concen: 7.918 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106894.D
Acq: 28 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
W-41

Tot Ion:163 Resp: 39644
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 11.1 8.2 12.2

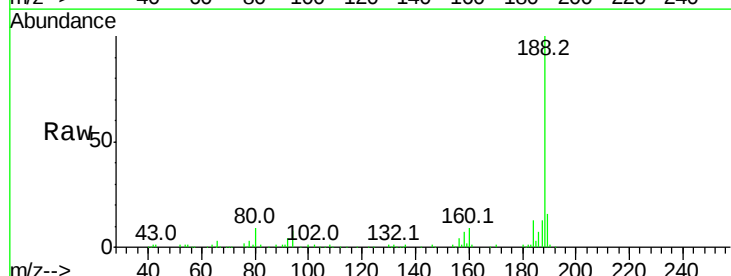


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

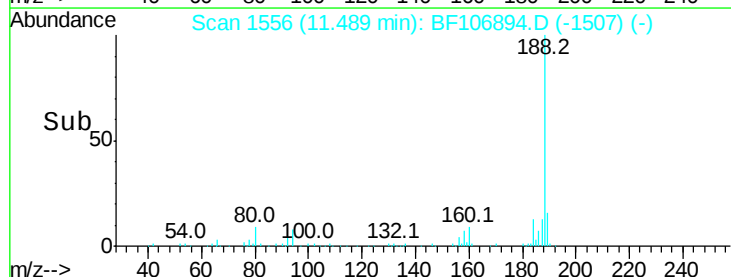
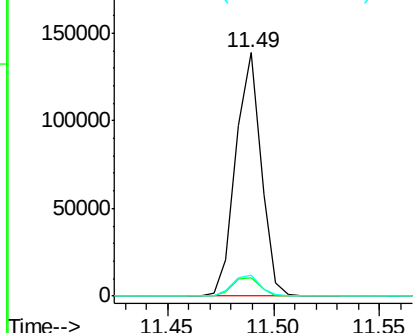


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106894.D
Acq: 28 Jun 2018 2:02

Tgt Ion:188 Resp: 114938
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.5 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: BF106894.D

Acq: 28 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

W-41

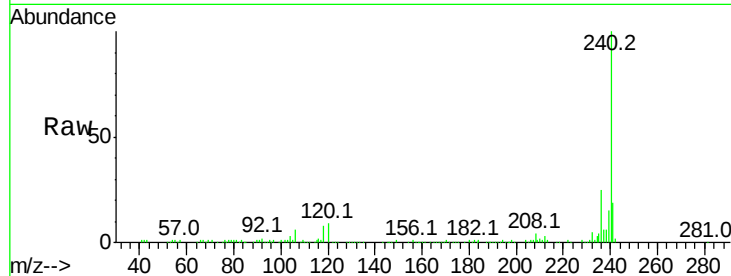
Tot Ion:240 Resp: 128720

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

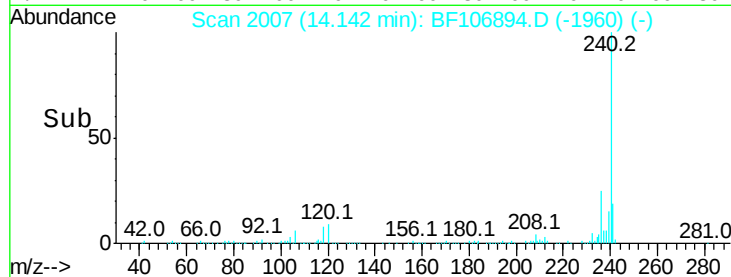
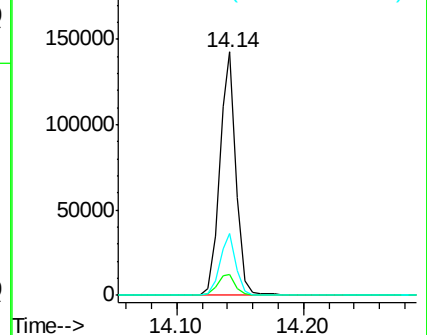
236 25.3 20.7 31.1



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: 85.215 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106894.D

Acq: 28 Jun 2018 2:02

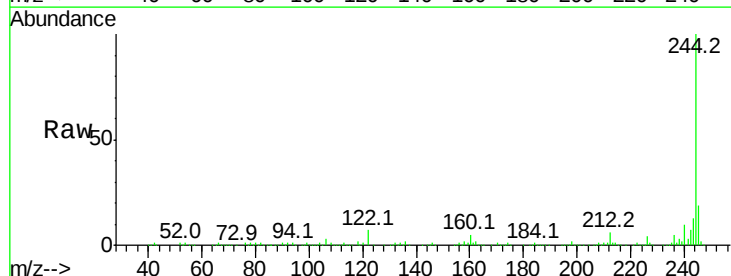
Tgt Ion:244 Resp: 452830

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

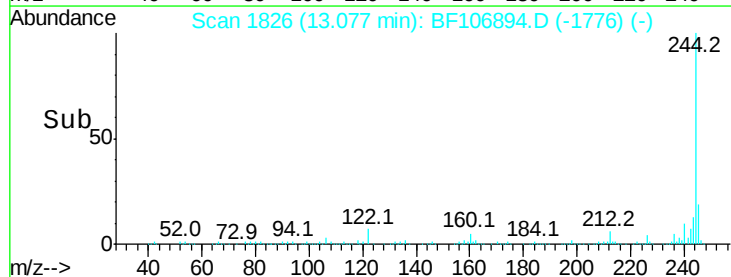
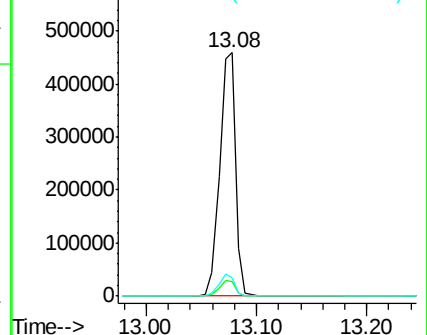
122 7.4 11.0 16.4#

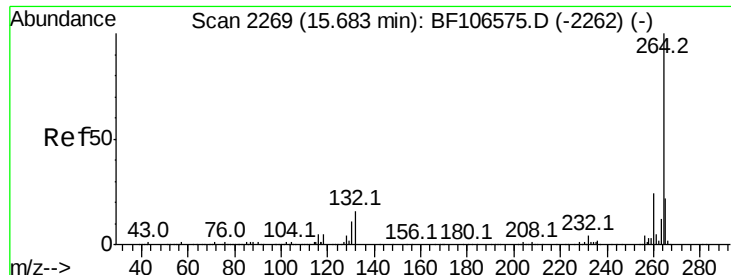


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

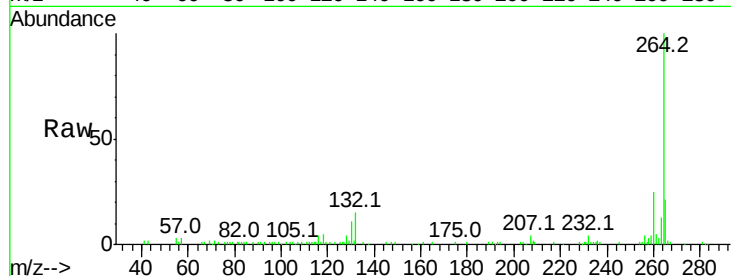




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106894.D
 Acq: 28 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.5	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

