

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106896.D
 Acq On : 28 Jun 2018 2:55
 Operator : JU/SJ
 Sample : J3693-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Quant Time: Jun 28 07:03:04 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

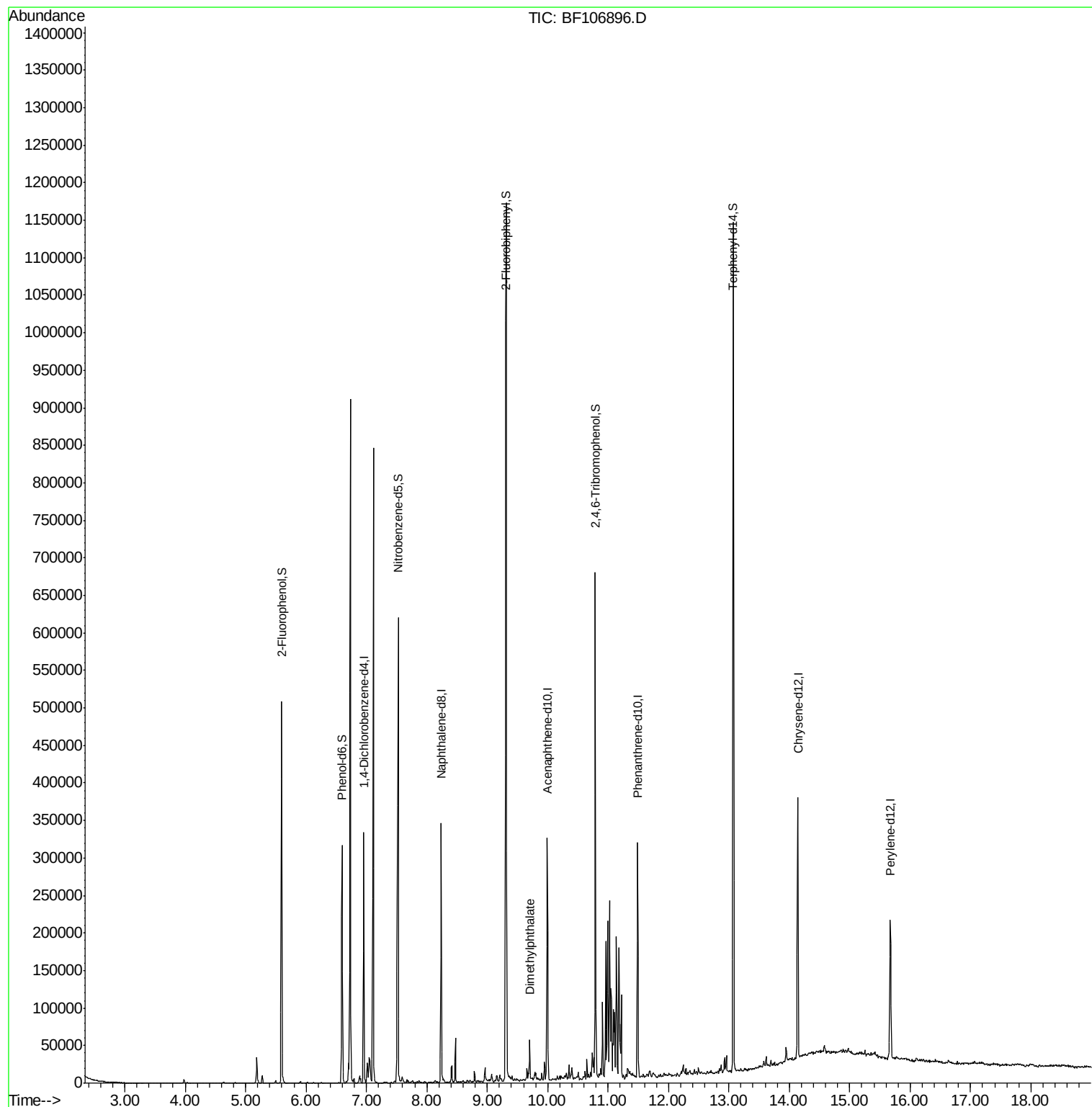
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	44412	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	153342	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	62729	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	111308	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	130153	20.00	ng	-0.02
86) Perylene-d12	15.67	264	94031	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	139519	53.20	ng	0.00
7) Phenol-d6	6.60	99	104170	31.80	ng	-0.02
23) Nitrobenzene-d5	7.52	82	239327	86.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	97427	134.00	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	393564	110.65	ng	-0.01
78) Terphenyl-d14	13.08	244	463512	86.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	19146	4.070	ng	Qvalue # 98

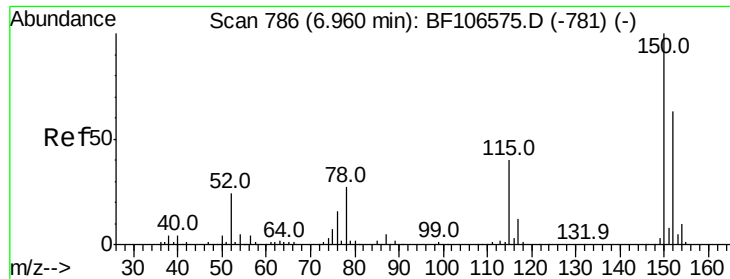
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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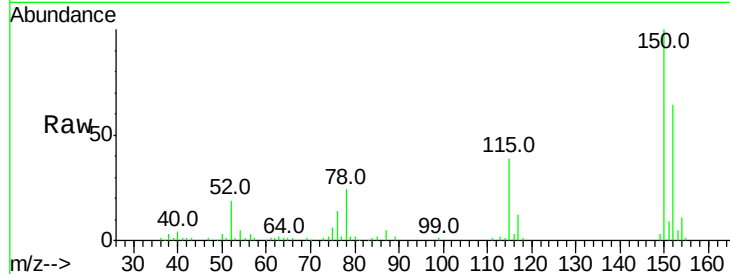


#1

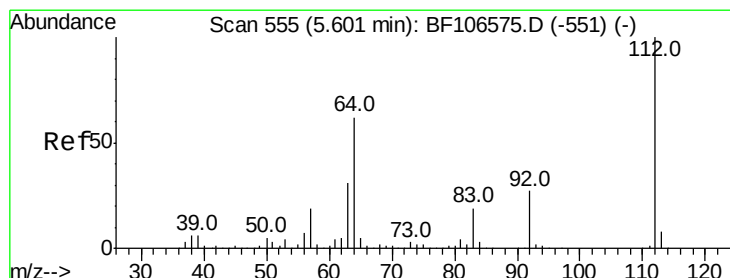
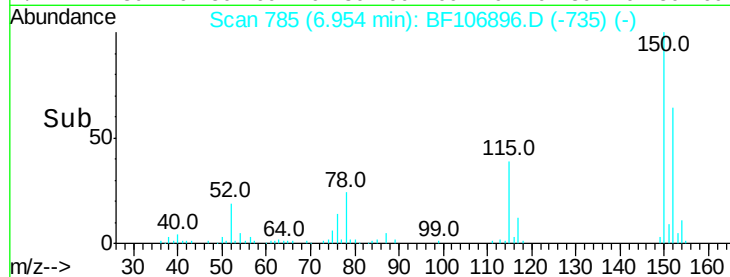
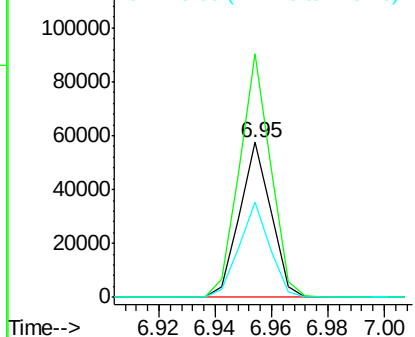
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106896.D
Acq: 28 Jun 2018 2:55

Instrument :
BNA_F
ClientSampleId :
W-31

Tot Ion:152 Resp: 44412
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.2 50.1 75.1



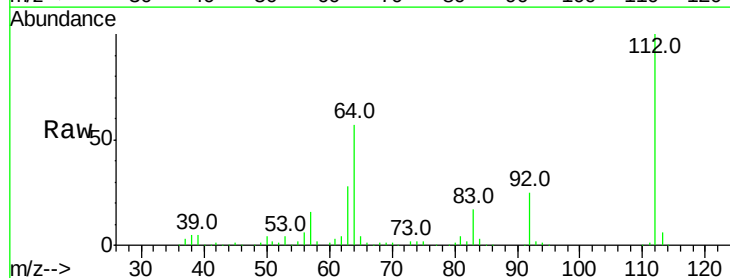
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



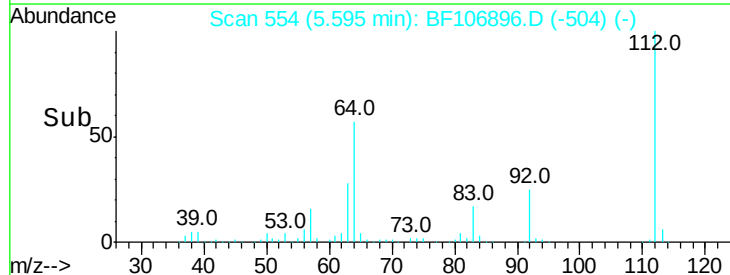
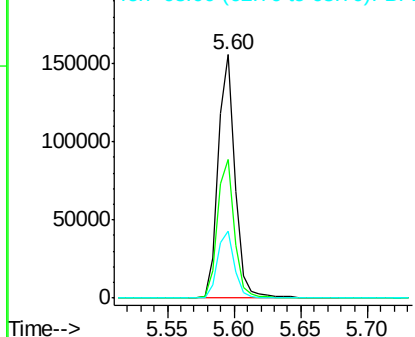
#5

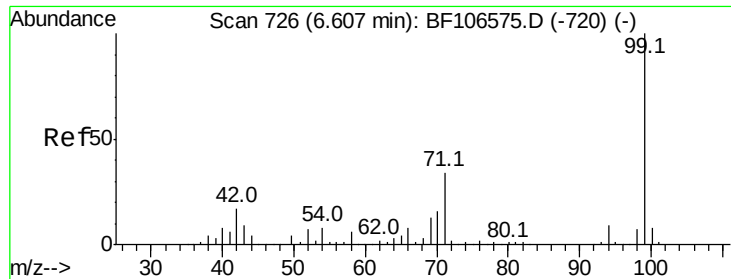
2-Fluorophenol
Concen: 53.195 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106896.D
Acq: 28 Jun 2018 2:55

Tgt Ion:112 Resp: 139519
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 27.6 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: 31.804 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

W-31

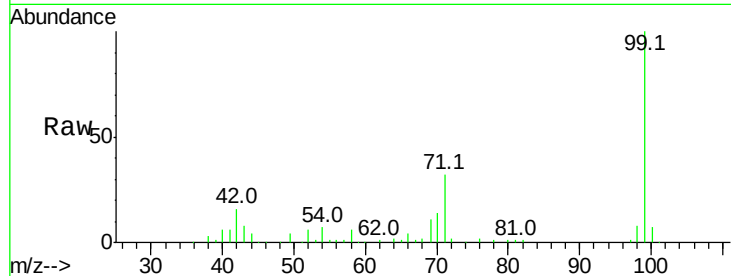
Tot Ion: 99 Resp: 104170

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

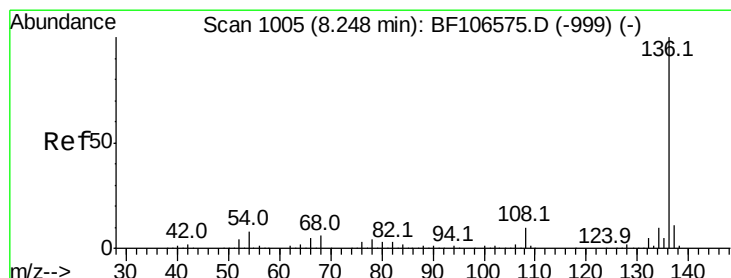
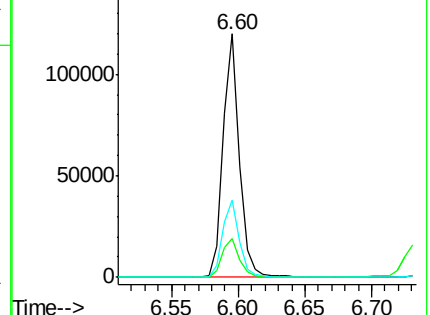
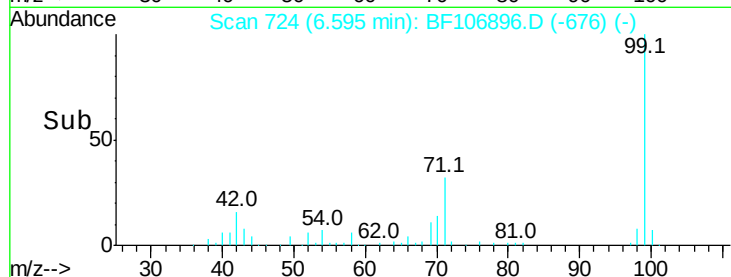
71 31.7 25.4 38.0



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: BF106896.D

Acq: 28 Jun 2018 2:55

Tgt Ion: 136 Resp: 153342

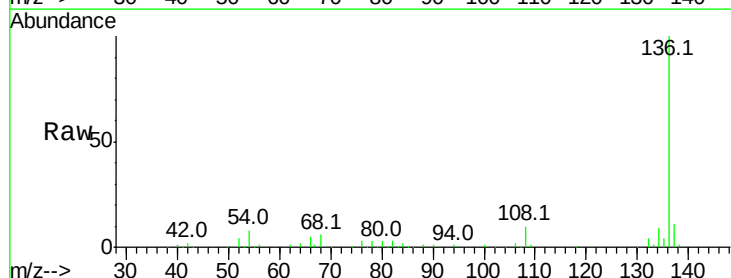
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4

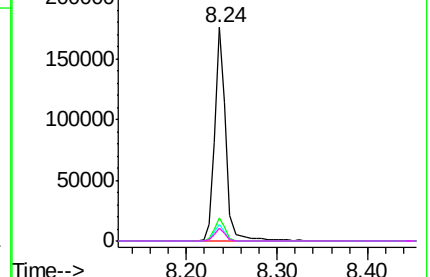
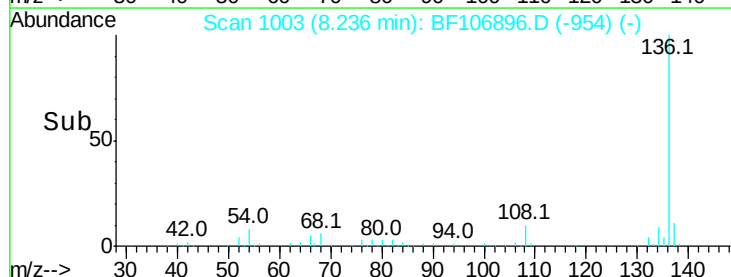


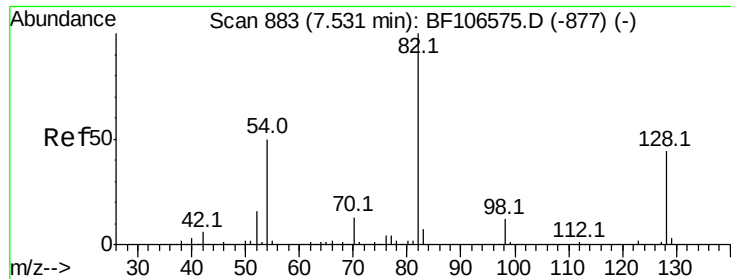
Abundance Ion 136.00 (135.70 to 136.70): E

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

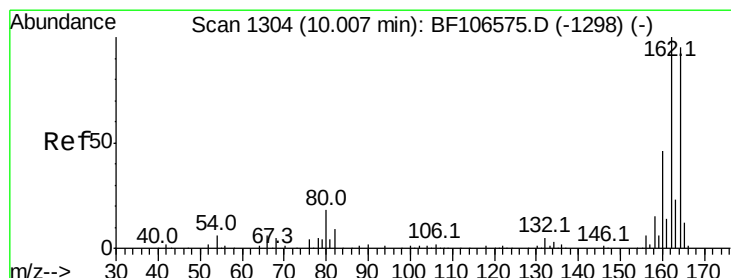
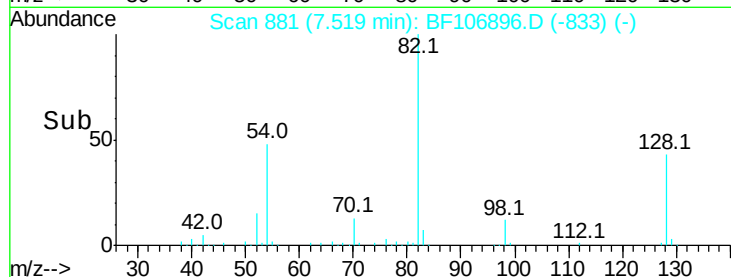
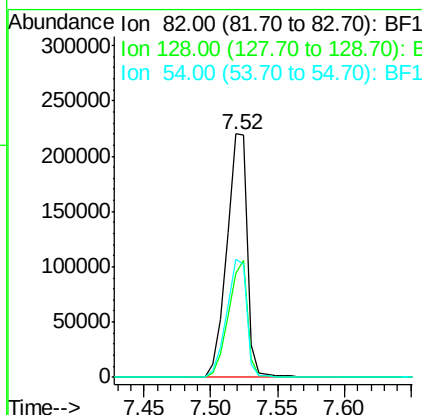
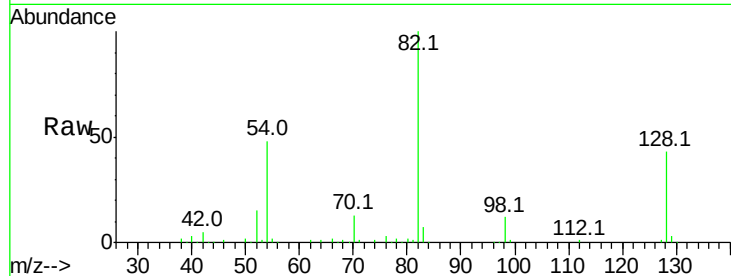




#23
 Nitrobenzene-d5
 Concen: 86.736 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106896.D
 Acq: 28 Jun 2018 2:55

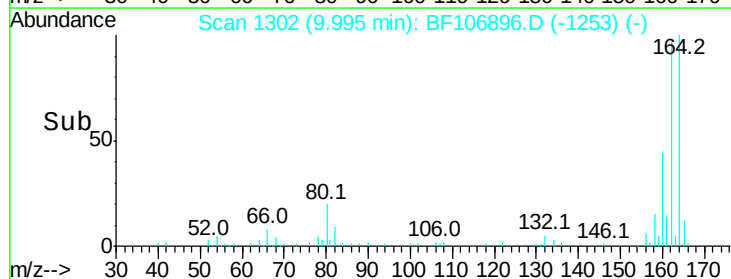
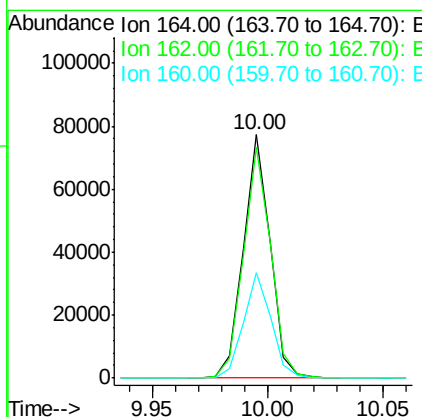
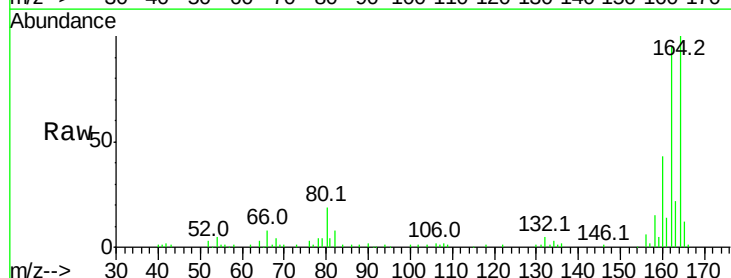
Instrument :
 BNA_F
 ClientSampled :
 W-31

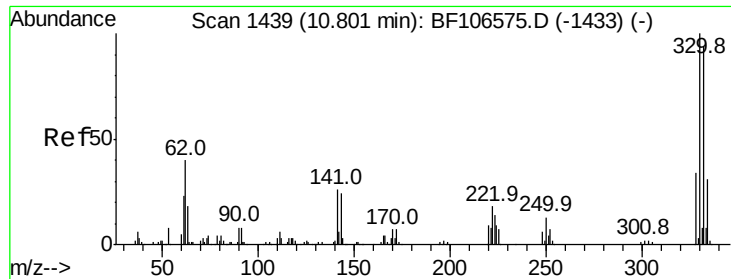
Tot Ion	82	Resp	239327
Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	48.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106896.D
 Acq: 28 Jun 2018 2:55

Tgt Ion	164	Resp	62729
Ion	Ratio	Lower	Upper
164	100		
162	95.0	86.1	129.1
160	43.0	38.3	57.5

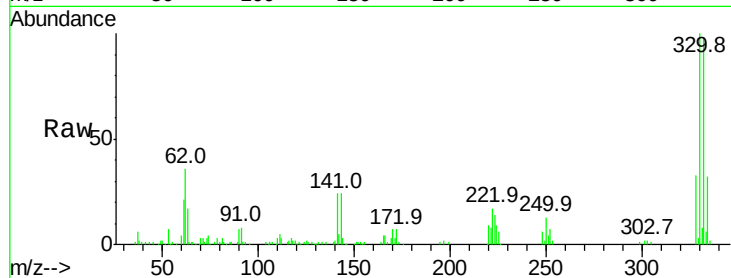




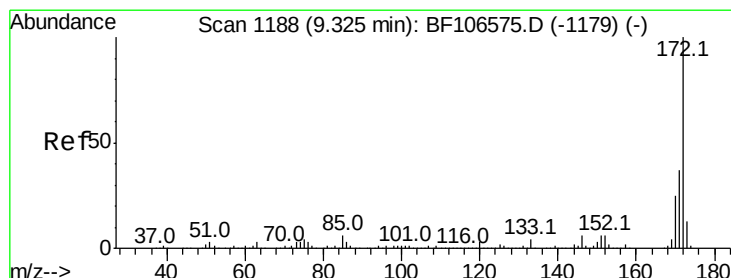
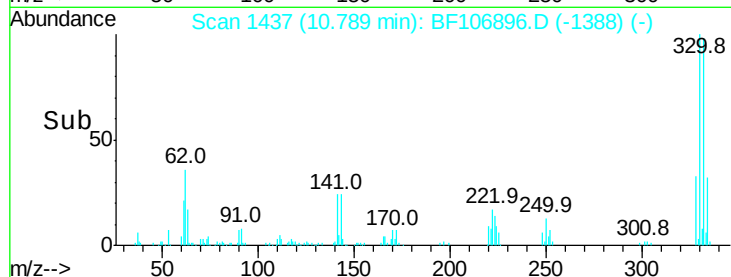
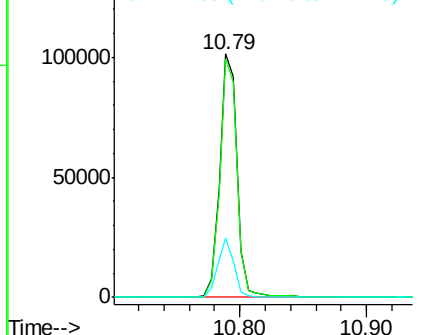
#41
 2,4,6-Tribromophenol
 Concen: 134.004 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106896.D
 Acq: 28 Jun 2018 2:55

Instrument :
 BNA_F
 ClientSampled :
 W-31

Tot Ion:330 Resp: 97427
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 23.1 29.9 44.9#

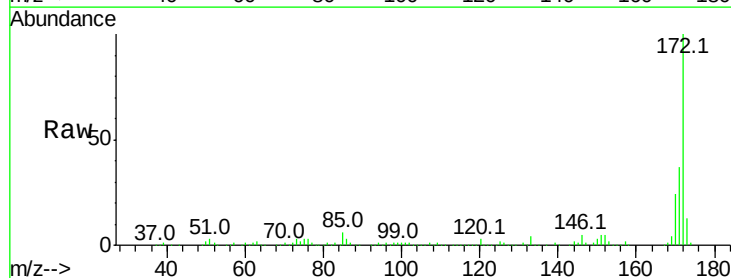


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

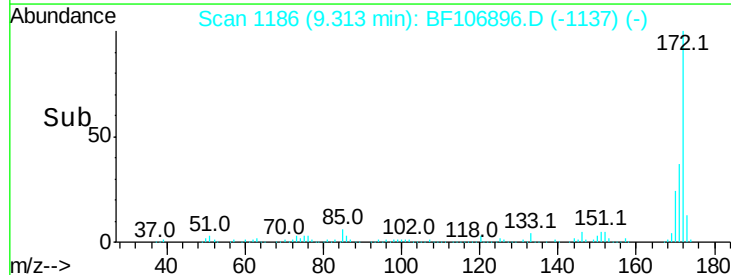
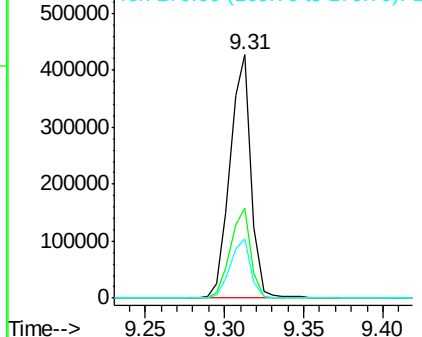


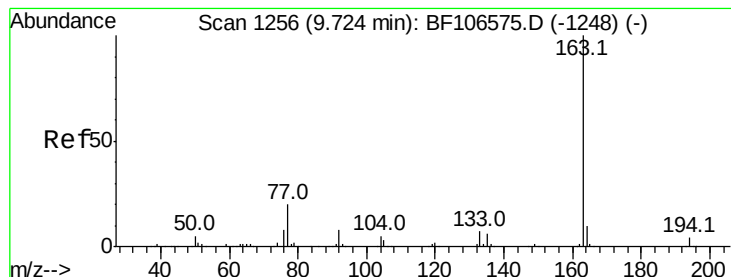
#44
 2-Fluorobiphenyl
 Concen: 110.647 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106896.D
 Acq: 28 Jun 2018 2:55

Tgt Ion:172 Resp: 393564
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 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: 4.070 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

W-31

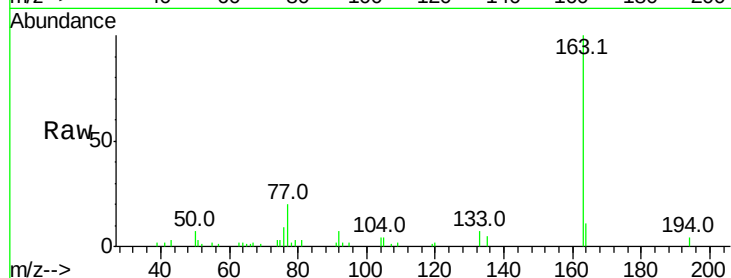
Tot Ion:163 Resp: 19146

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

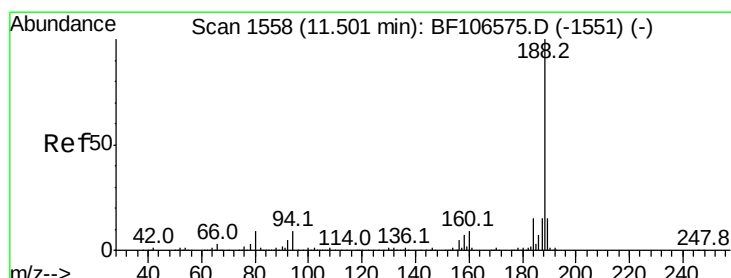
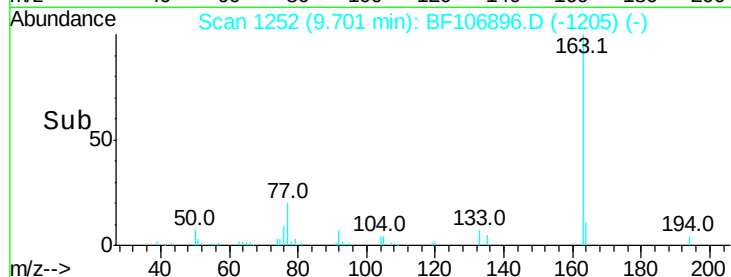
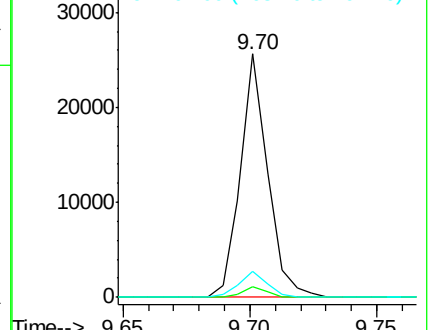
164 10.8 8.2 12.2



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: BF106896.D

Acq: 28 Jun 2018 2:55

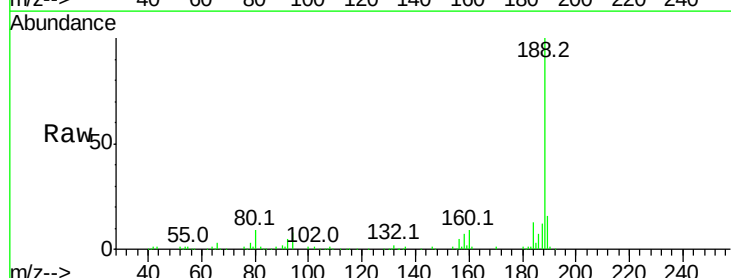
Tgt Ion:188 Resp: 111308

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

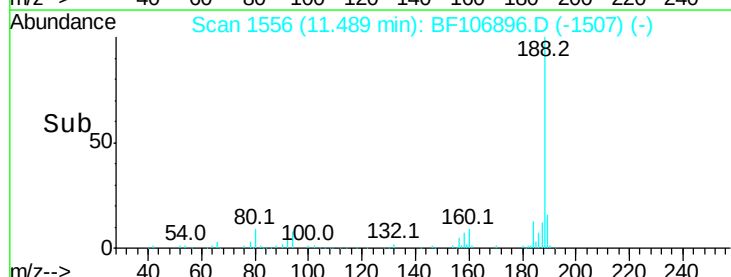
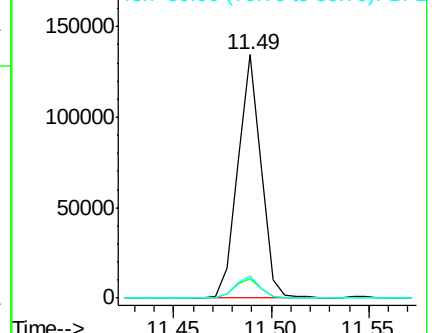
80 9.0 9.2 13.8#

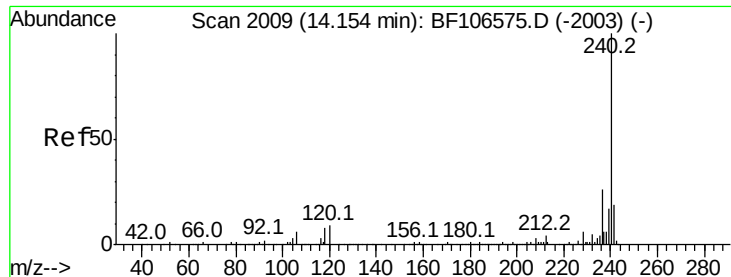


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF106896.D

Acq: 28 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

W-31

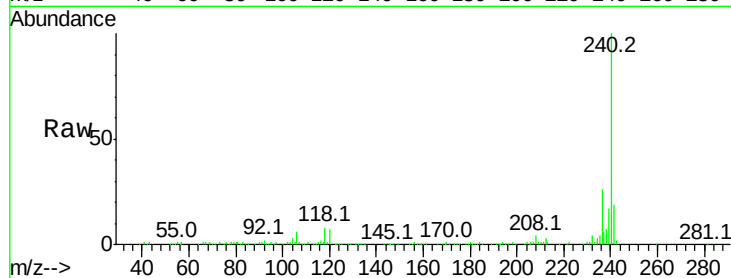
Tot Ion:240 Resp: 130153

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

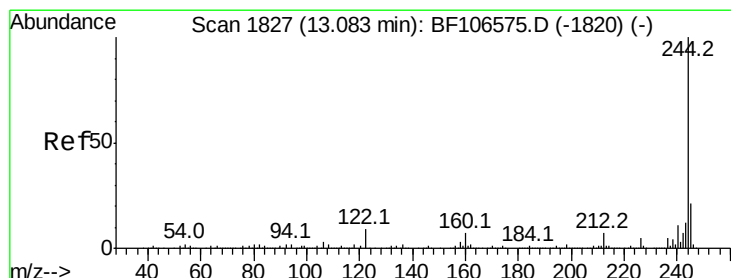
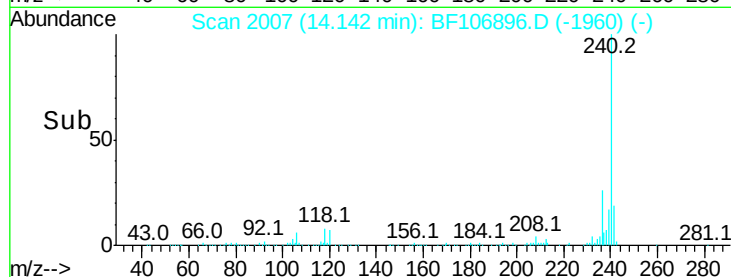
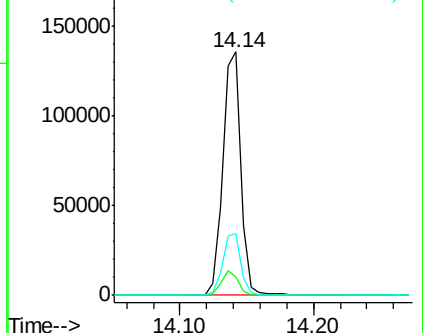
236 25.6 20.7 31.1



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: 86.265 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

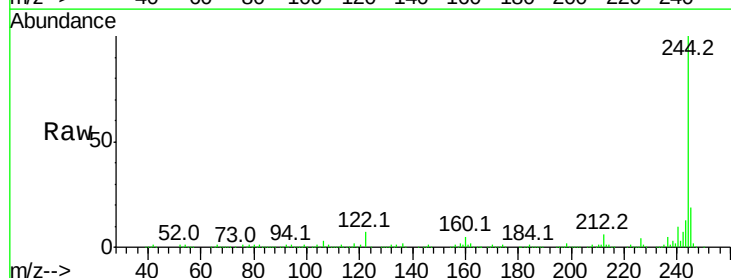
Tgt Ion:244 Resp: 463512

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

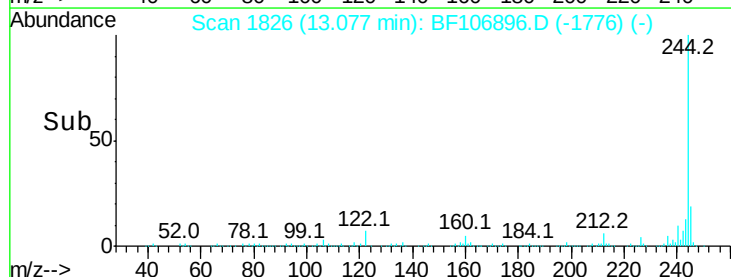
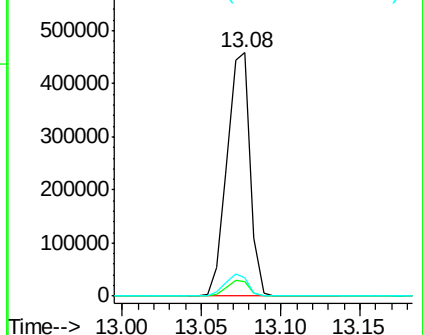
122 7.5 11.0 16.4#

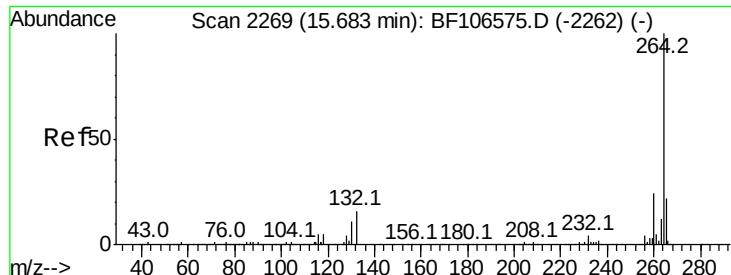


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

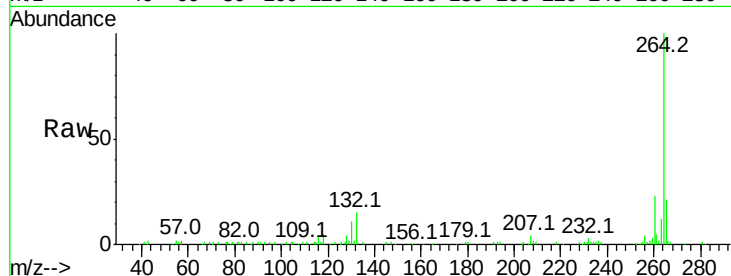




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106896.D
 Acq: 28 Jun 2018 2:55

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Tot Ion:	264	Resp:	94031
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	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

