

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106895.D
 Acq On : 28 Jun 2018 2:28
 Operator : JU/SJ
 Sample : J3693-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Quant Time: Jun 28 07:01:35 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

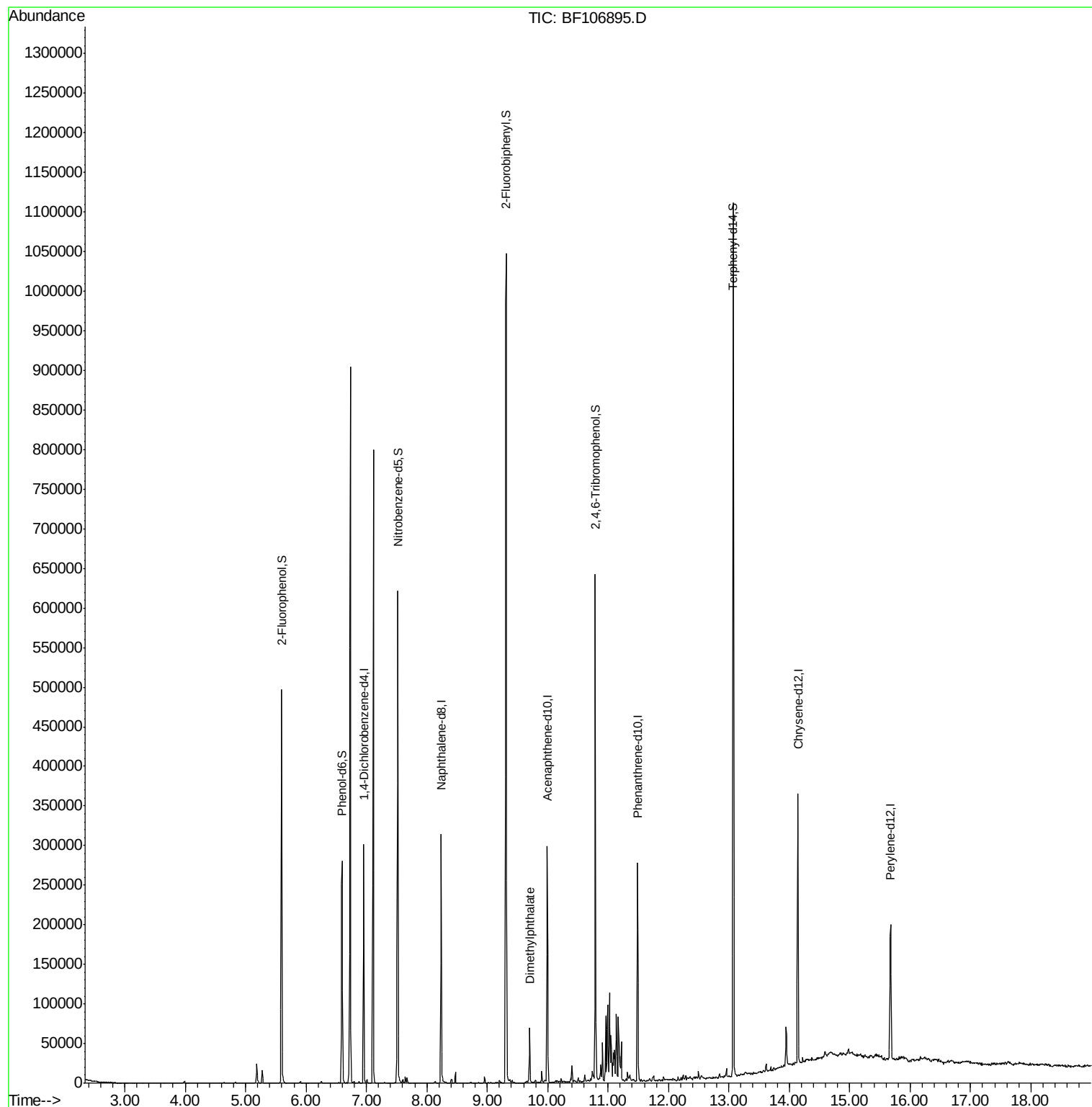
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	41110	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	141186	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	56759	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	103073	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	124095	20.00	ng	-0.02
86) Perylene-d12	15.68	264	89985	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	137060	56.45	ng	0.00
7) Phenol-d6	6.60	99	99989	32.98	ng	-0.02
23) Nitrobenzene-d5	7.52	82	225013	88.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	91921	139.73	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	362075	112.80	ng	-0.01
78) Terphenyl-d14	13.08	244	452274	88.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	27110	6.368	ng	Qvalue 97

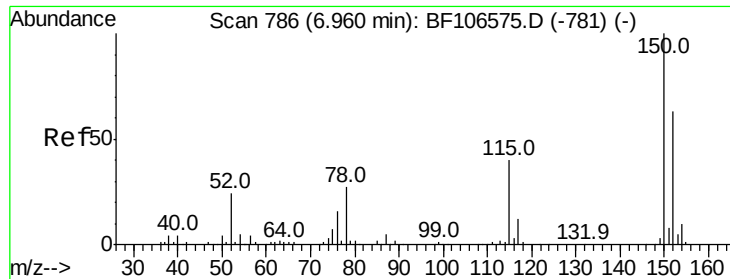
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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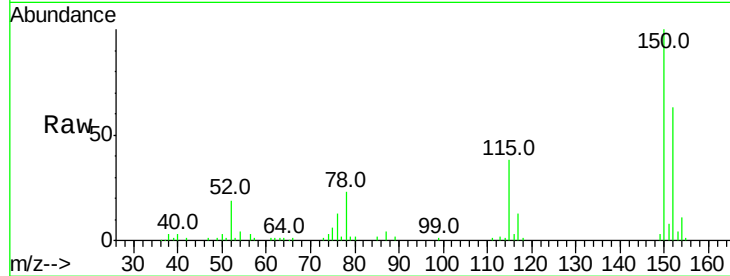


#1

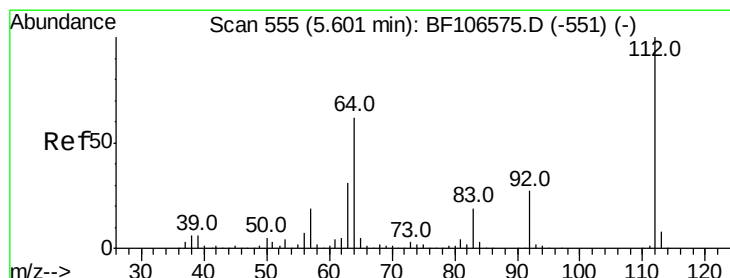
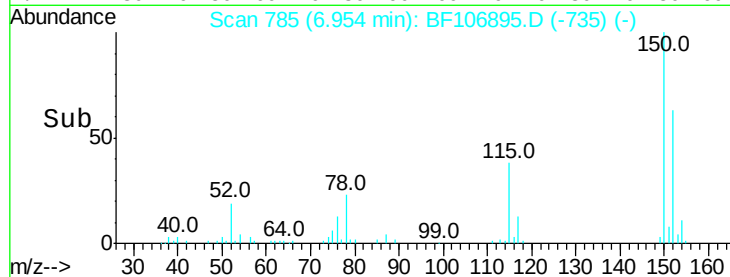
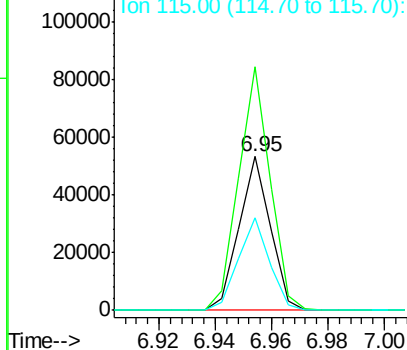
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106895.D
Acq: 28 Jun 2018 2:28

Instrument :
BNA_F
ClientSampled :
W-35

Tot Ion:152 Resp: 41110
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 59.8 50.1 75.1



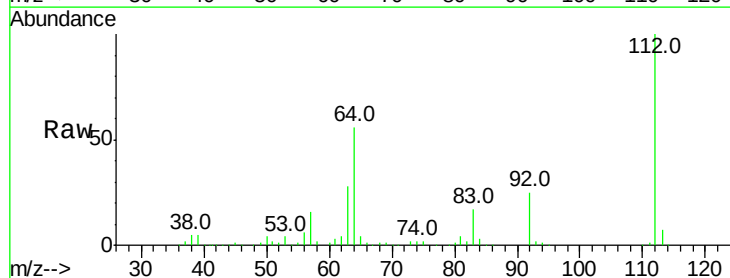
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



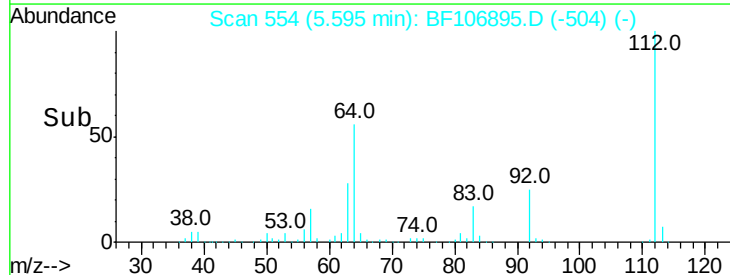
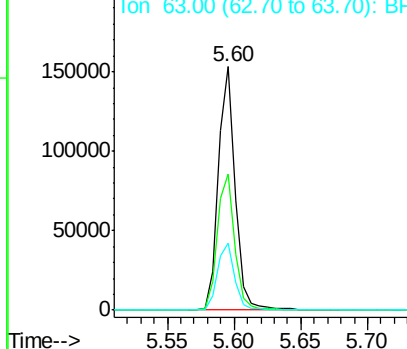
#5

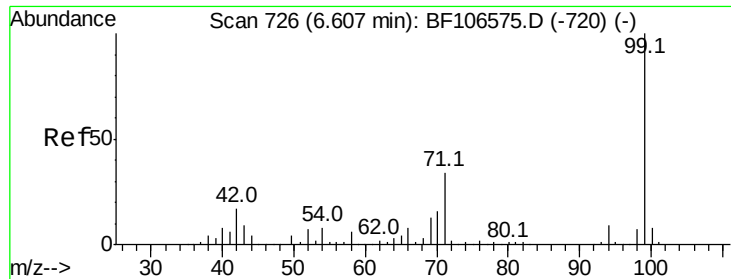
2-Fluorophenol
Concen: 56.455 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106895.D
Acq: 28 Jun 2018 2:28

Tgt Ion:112 Resp: 137060
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 27.7 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: 32.980 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106895.D

Acq: 28 Jun 2018 2:28

Instrument :

BNA_F

ClientSampled :

W-35

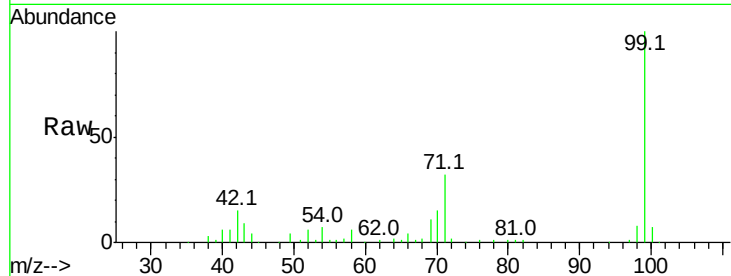
Tot Ion: 99 Resp: 99989

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

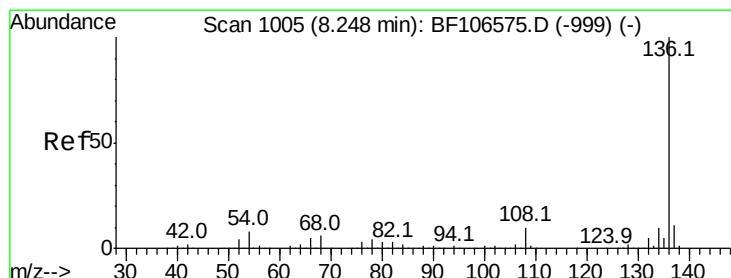
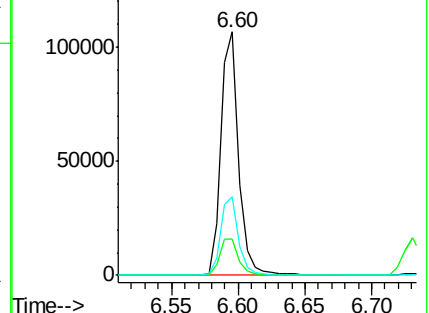
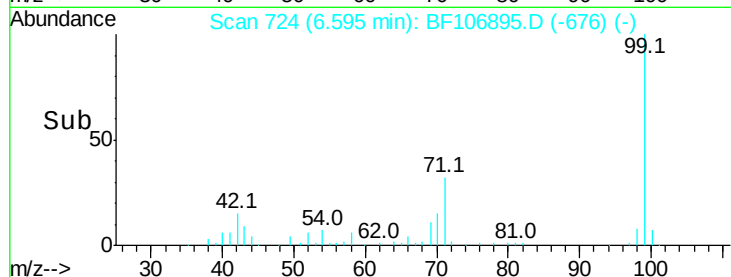
71 32.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106895.D

Acq: 28 Jun 2018 2:28

Tgt Ion: 136 Resp: 141186

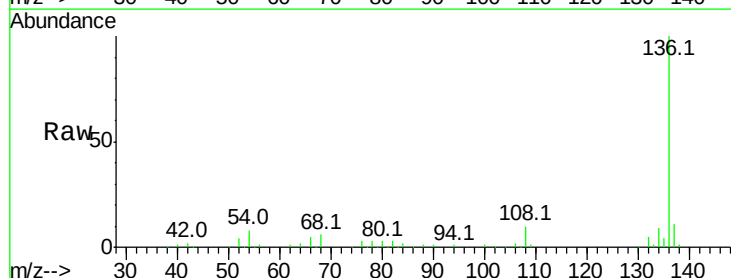
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.9 6.6 9.8

68 5.9 5.0 7.4

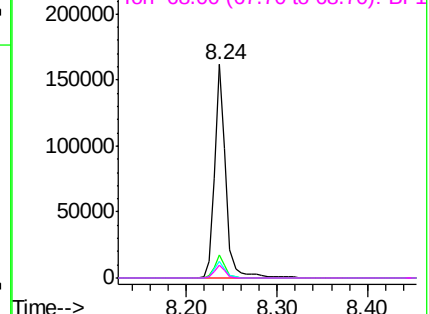
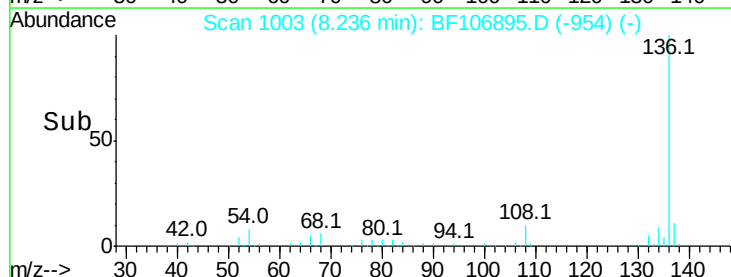


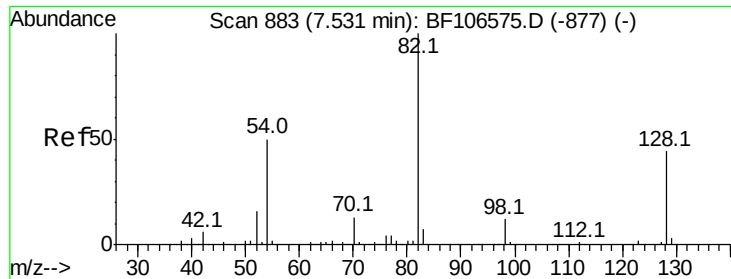
Abundance Ion 136.00 (135.70 to 136.70): E

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

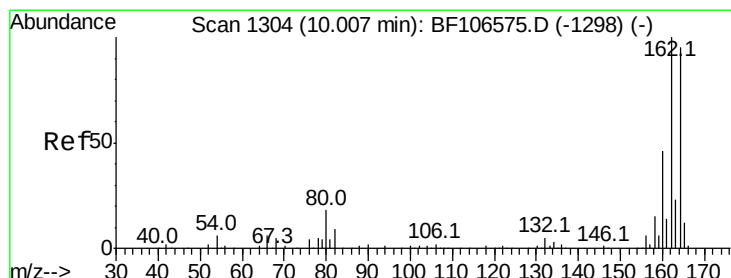
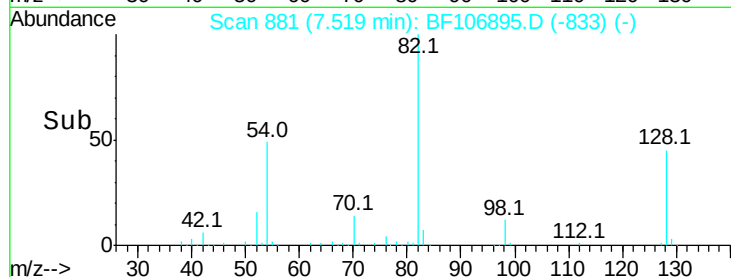
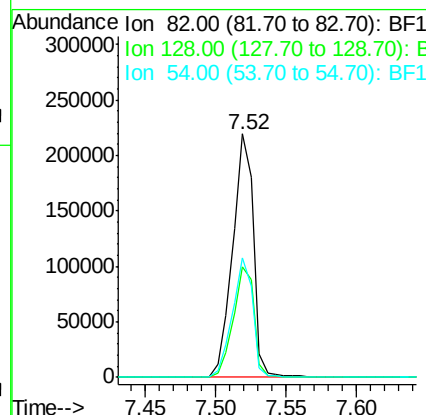
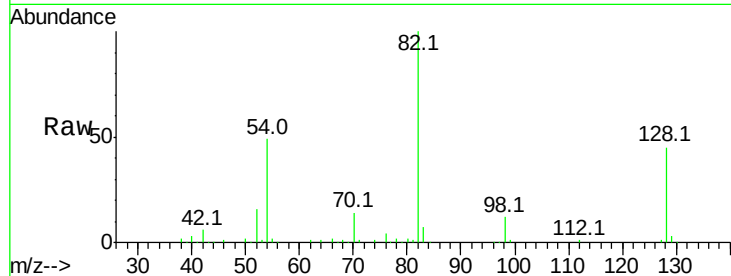




#23
 Nitrobenzene-d5
 Concen: 88.569 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106895.D
 Acq: 28 Jun 2018 2:28

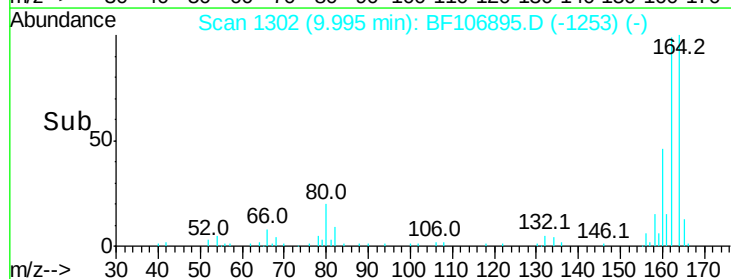
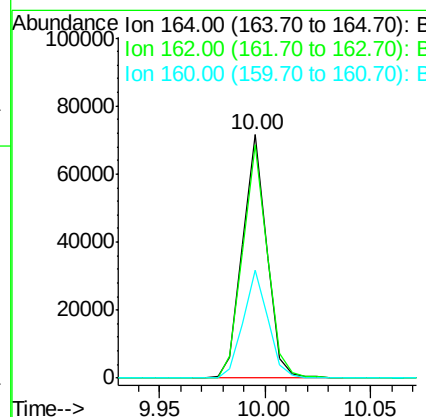
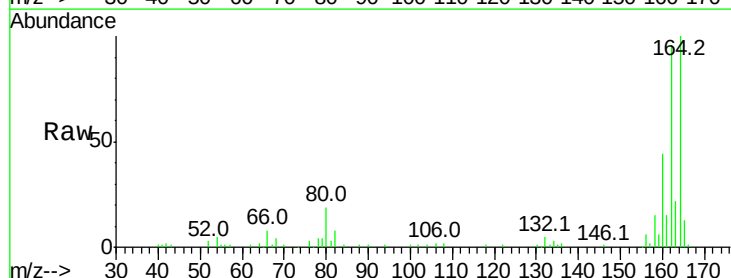
Instrument :
 BNA_F
 ClientSampled :
 W-35

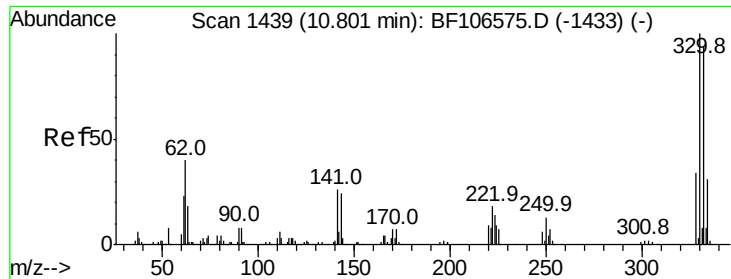
Tot Ion	82	Resp	225013
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	49.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106895.D
 Acq: 28 Jun 2018 2:28

Tgt Ion	164	Resp	56759
Ion Ratio	Lower	Upper	
164	100		
162	96.1	86.1	129.1
160	44.4	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 139.729 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106895.D

Acq: 28 Jun 2018 2:28

Instrument :

BNA_F

ClientSampleId :

W-35

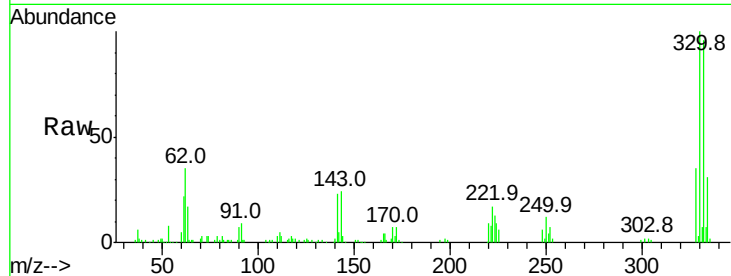
Tot Ion:330 Resp: 91921

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

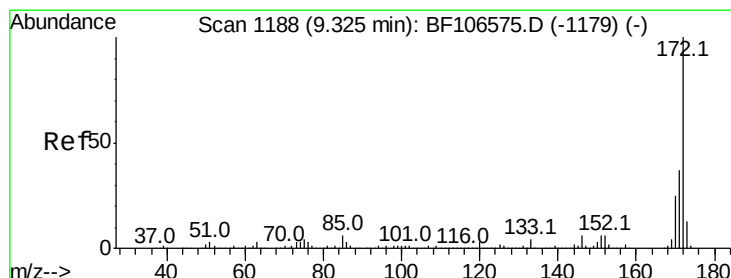
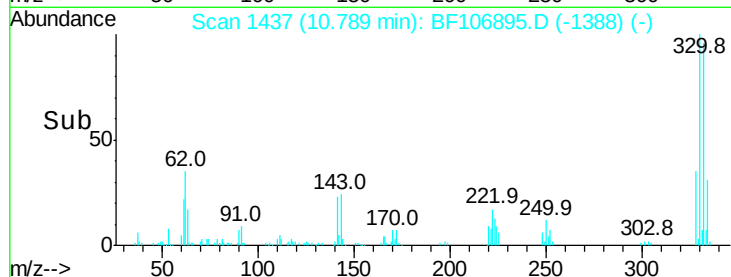
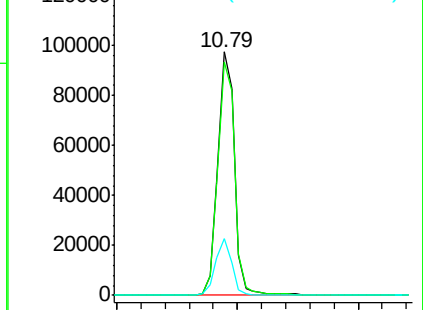
141 22.8 29.9 44.9#



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: 112.800 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF106895.D

Acq: 28 Jun 2018 2:28

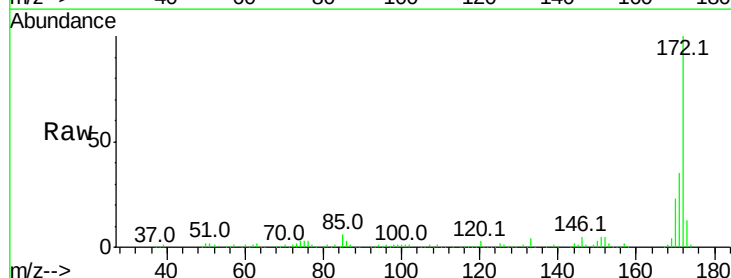
Tgt Ion:172 Resp: 362075

Ion Ratio Lower Upper

172 100

171 35.2 29.7 44.5

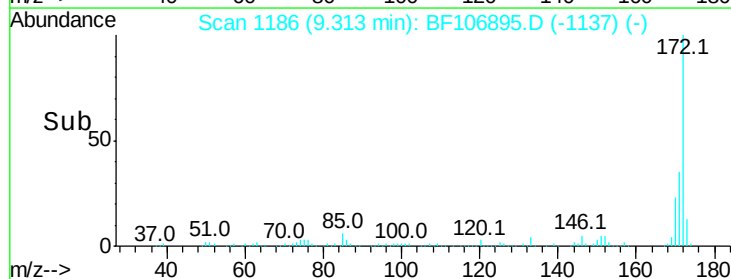
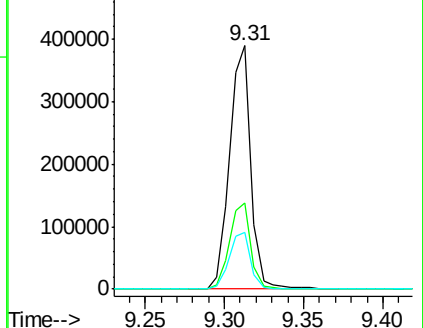
170 23.5 19.6 29.4

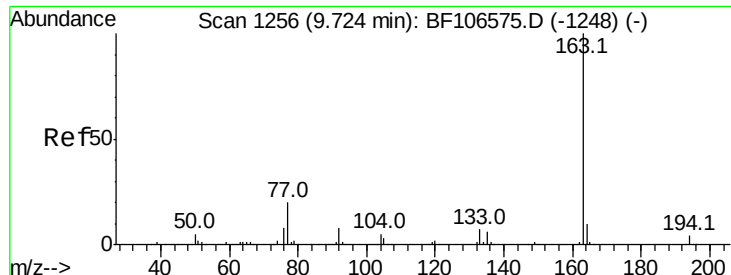


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.368 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106895.D

Acq: 28 Jun 2018 2:28

Instrument :

BNA_F

ClientSampleId :

W-35

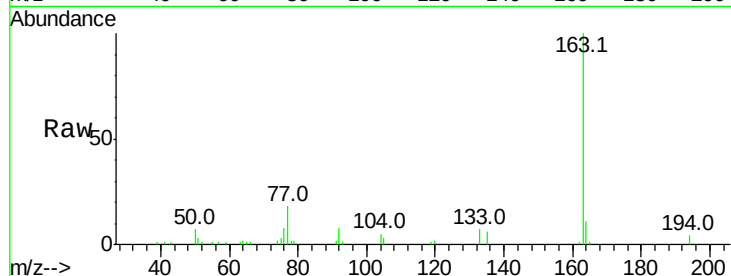
Tot Ion:163 Resp: 27110

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

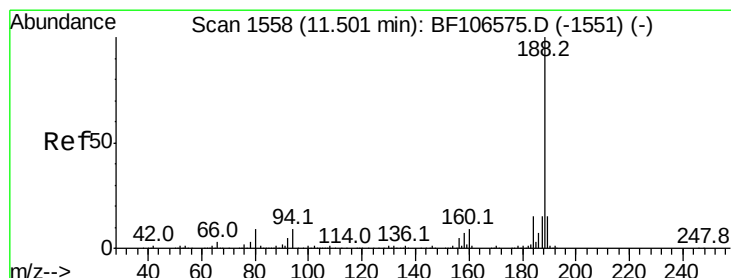
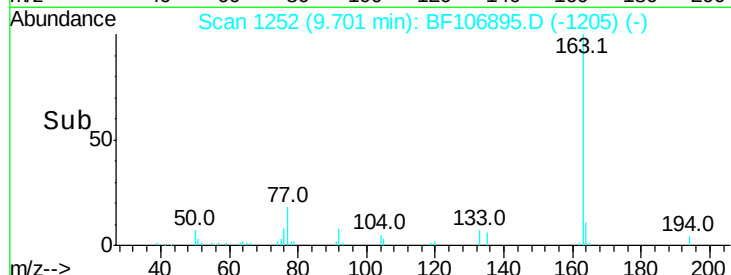
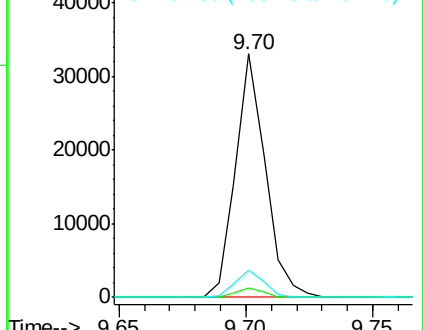
164 11.3 8.2 12.2



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: BF106895.D

Acq: 28 Jun 2018 2:28

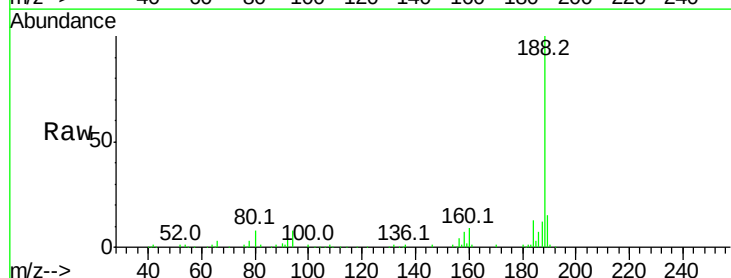
Tgt Ion:188 Resp: 103073

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

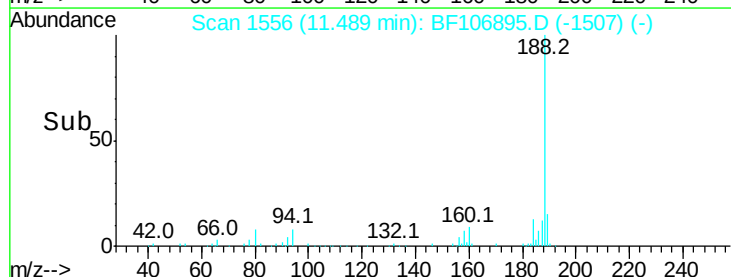
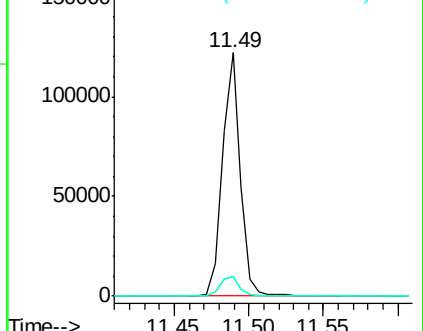
80 8.2 9.2 13.8#

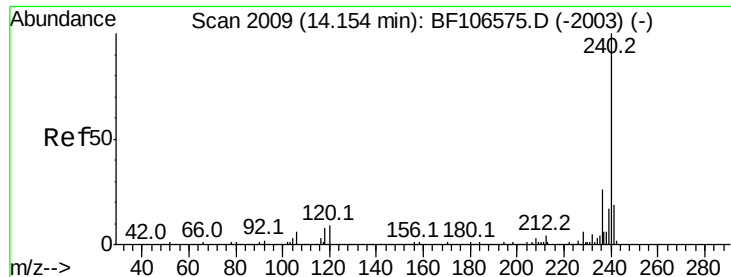


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF106895.D

Acq: 28 Jun 2018 2:28

Instrument :

BNA_F

ClientSampleId :

W-35

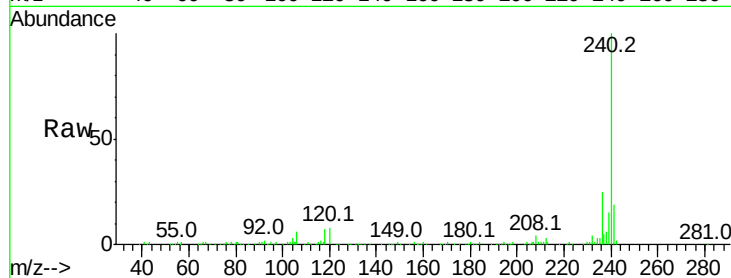
Tot Ion:240 Resp: 124095

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

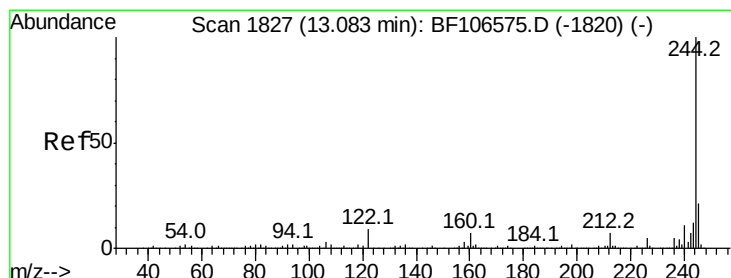
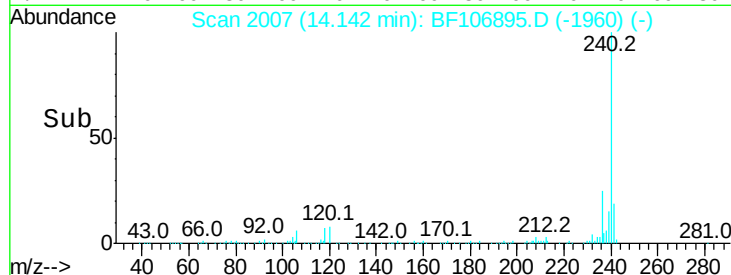
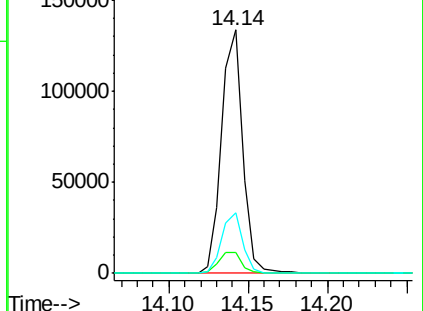
236 25.1 20.7 31.1



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: 88.283 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106895.D

Acq: 28 Jun 2018 2:28

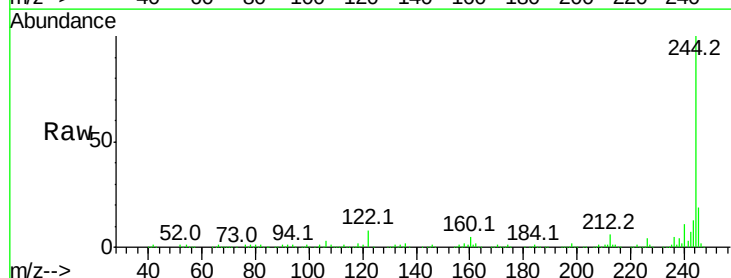
Tgt Ion:244 Resp: 452274

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

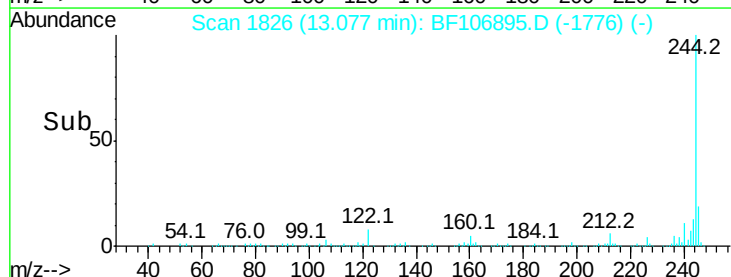
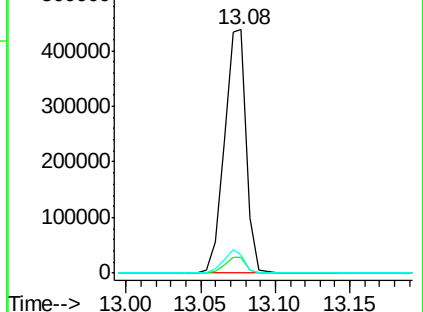
122 7.7 11.0 16.4#

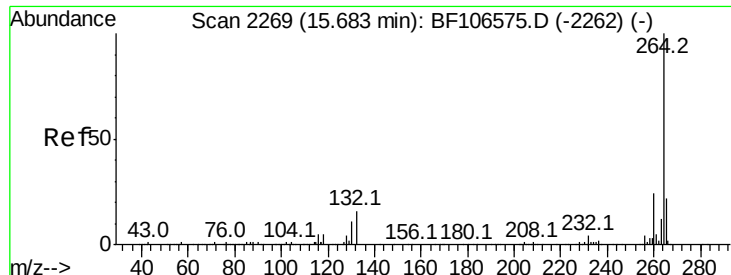


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

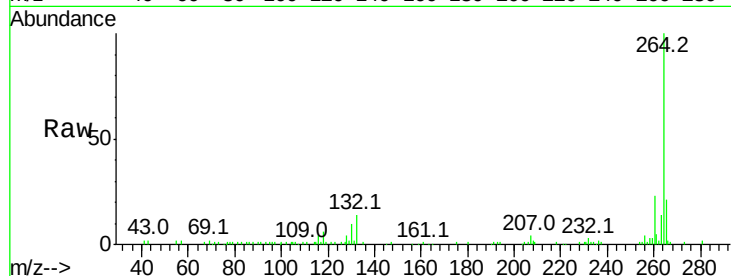




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106895.D
 Acq: 28 Jun 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

