

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106394.D
 Acq On : 13 Jun 2018 16:38
 Operator : JU/SJ
 Sample : J3458-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-105-5(5-10)

Quant Time: Jun 14 03:15:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

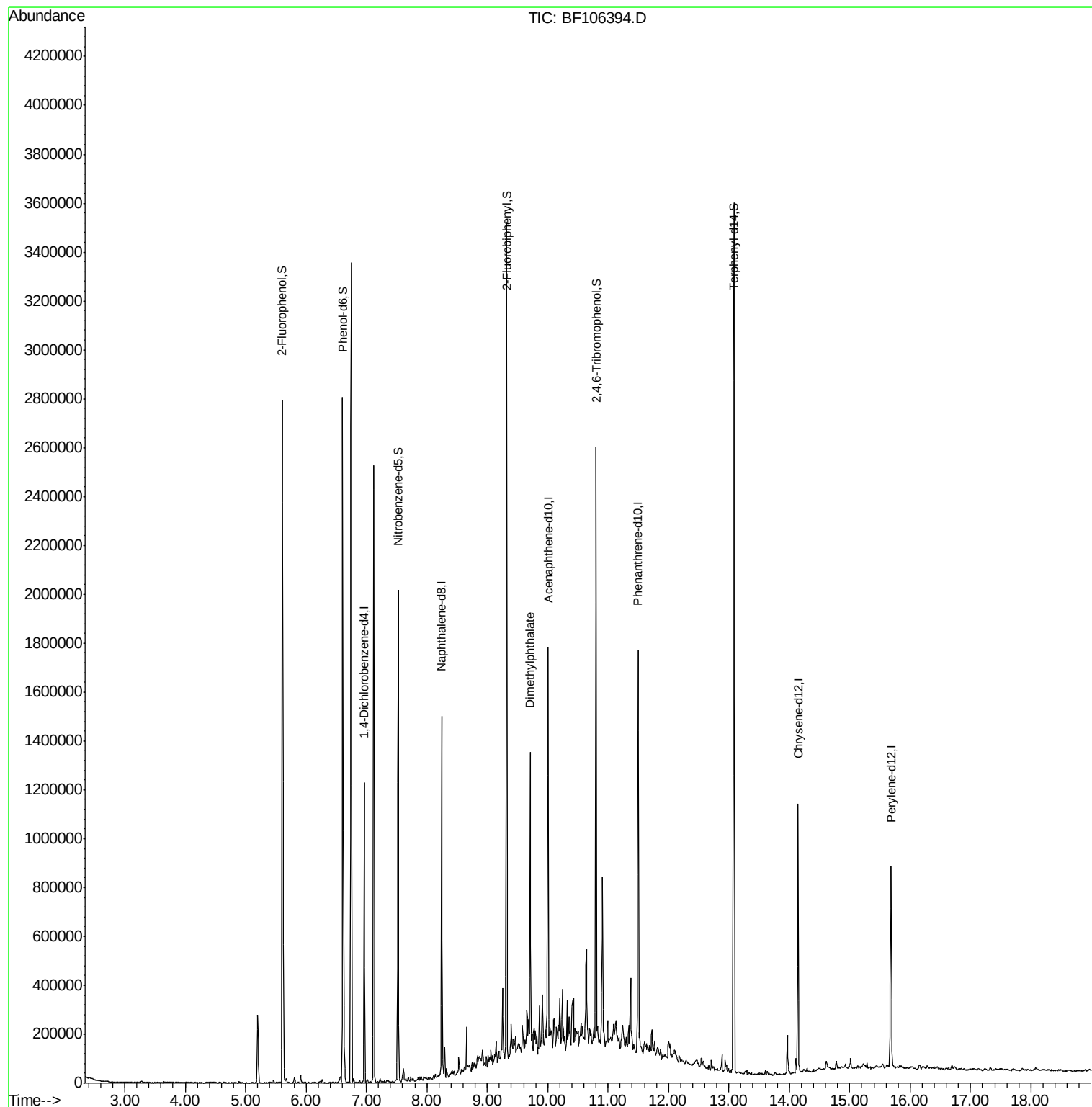
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154496	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	585927	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	289121	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	576360	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	386605	20.00	ng	-0.02
86) Perylene-d12	15.68	264	388061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	885945	97.05	ng	-0.02
7) Phenol-d6	6.61	99	1100499	95.42	ng	-0.02
23) Nitrobenzene-d5	7.52	82	712941	71.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	329916	118.60	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1115447	62.70	ng	0.00
78) Terphenyl-d14	13.08	244	1238220	79.55	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	249558	12.082	ng	# 98

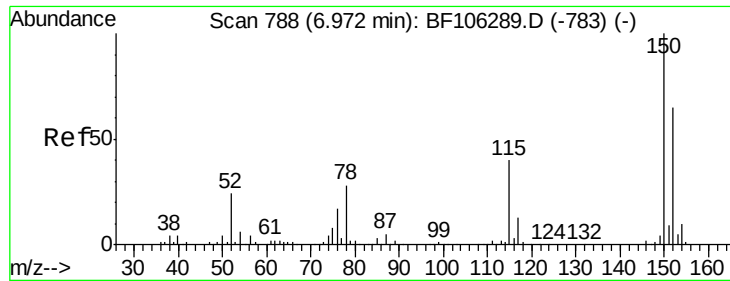
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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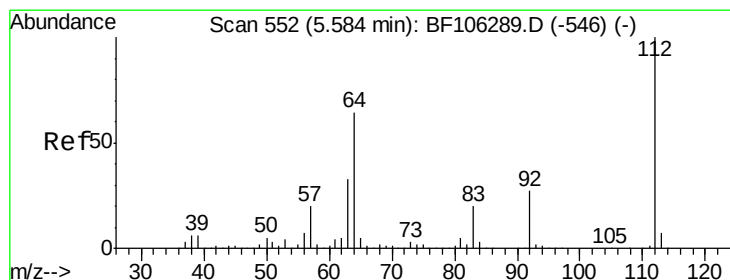
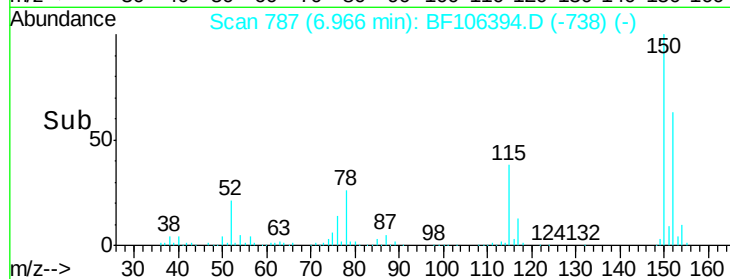
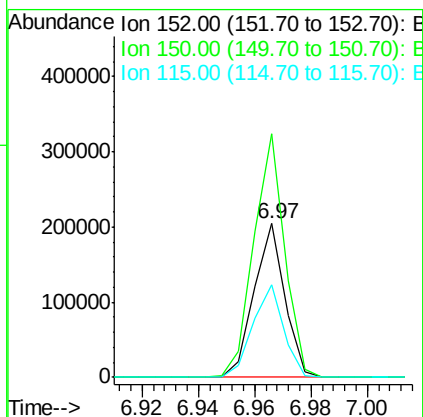
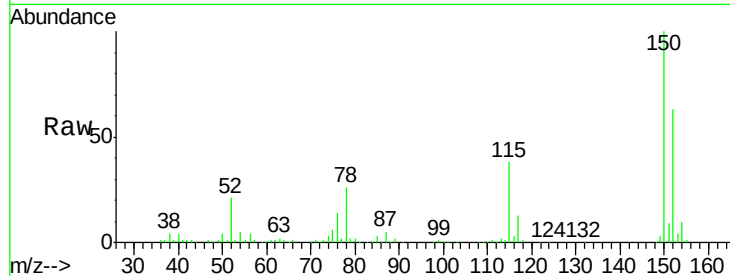


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 EPE-105-5(5-10)

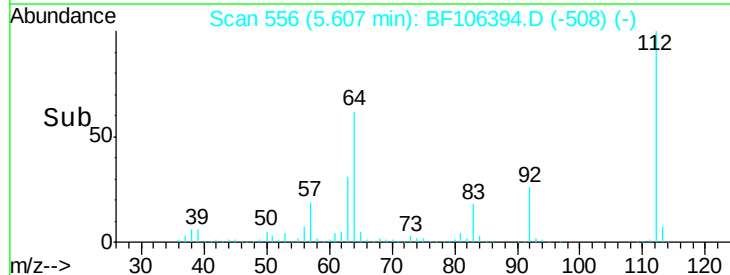
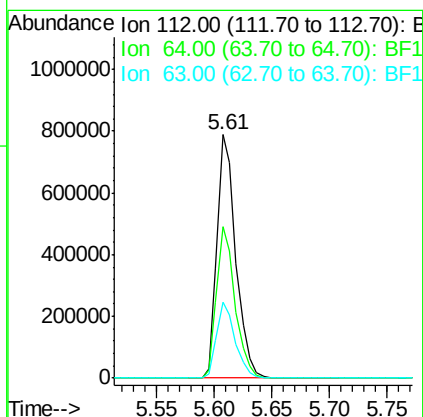
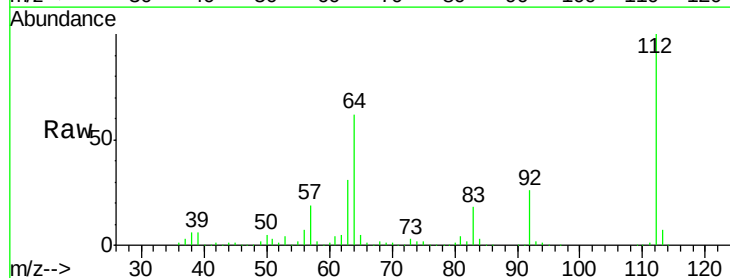
Tot Ion:152 Resp: 154496
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 60.0 50.1 75.1

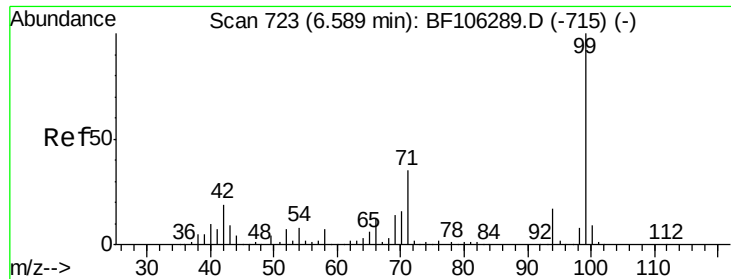


#5

2-Fluorophenol
 Concen: 97.055 ng
 RT: 5.61 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Tgt Ion:112 Resp: 885945
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.9 71.9
 63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 95.424 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

Instrument :

BNA_F

ClientSampleId :

EPE-105-5(5-10)

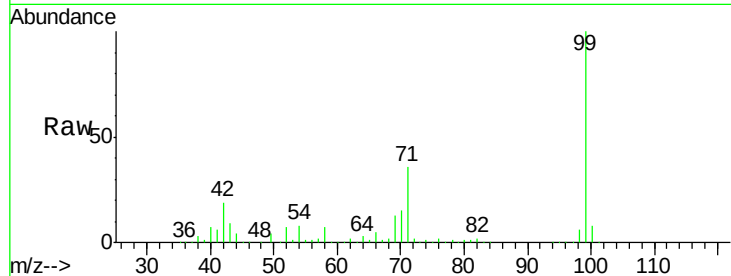
Tot Ion: 99 Resp: 1100499

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

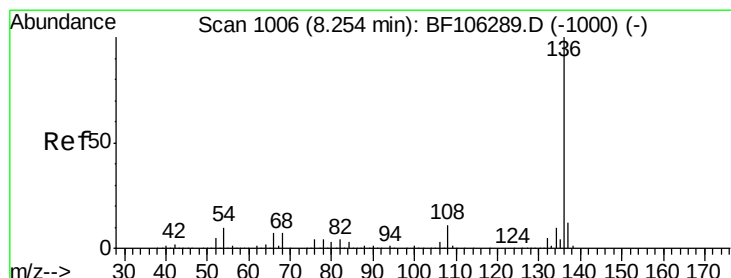
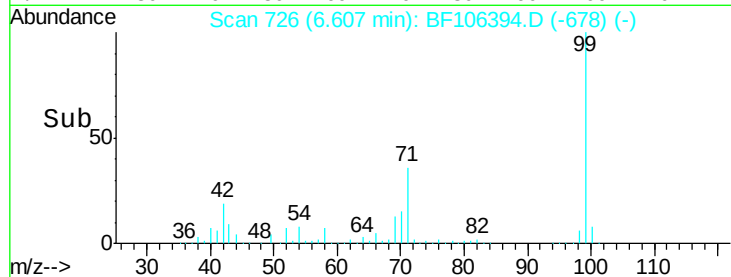
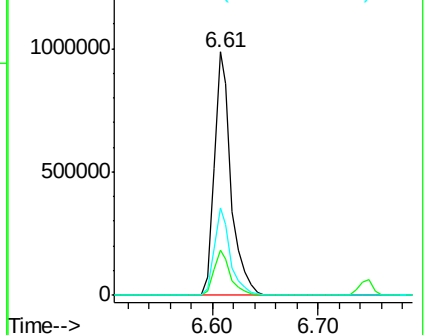
71 35.8 25.4 38.0



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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

Tgt Ion: 136 Resp: 585927

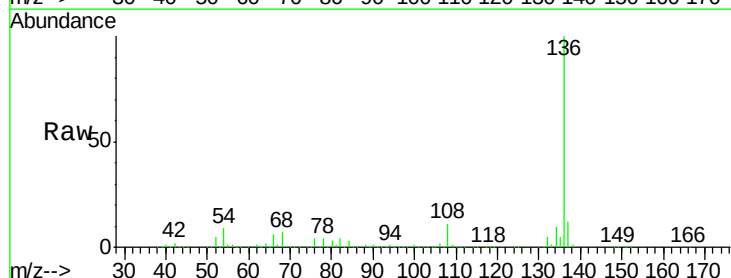
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.8 6.6 9.8

68 6.9 5.0 7.4

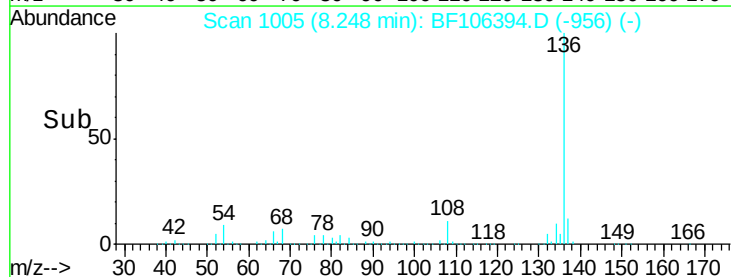
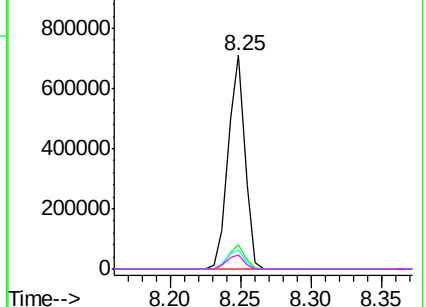


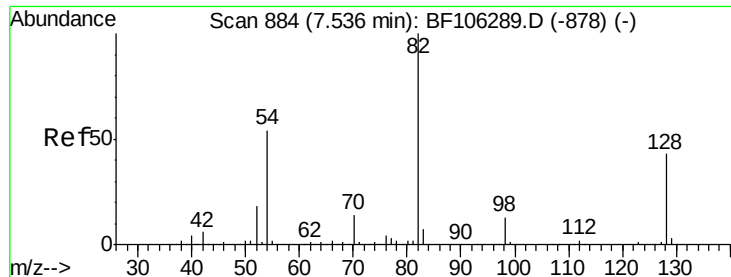
Abundance Ion 136.00 (135.70 to 136.70): E

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

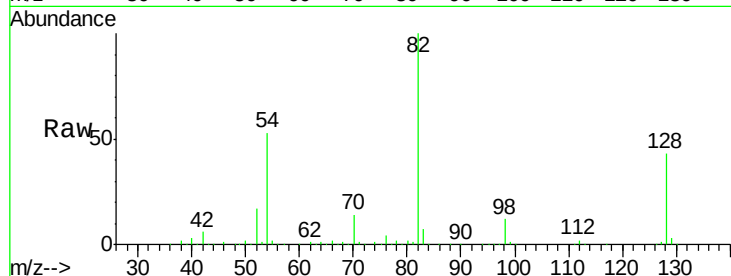




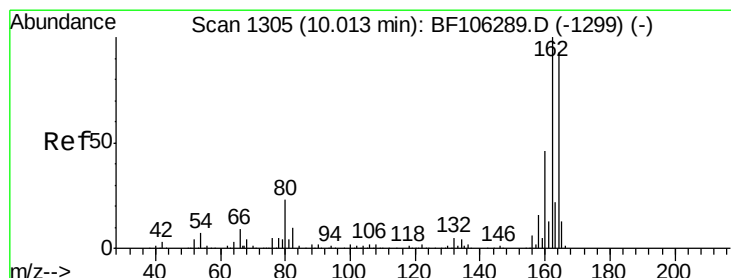
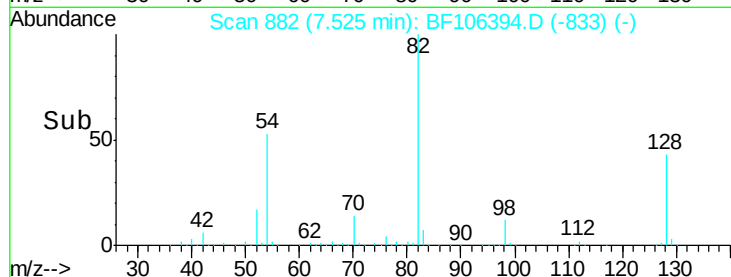
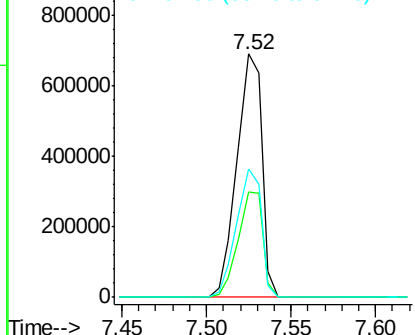
#23
 Nitrobenzene-d5
 Concen: 71.581 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 EPE-105-5(5-10)

Tot Ion: 82 Resp: 712941
 Ion Ratio Lower Upper
 82 100
 128 43.3 36.1 54.1
 54 52.9 41.4 62.2

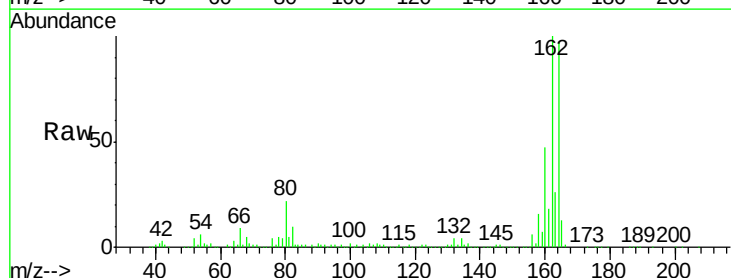


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

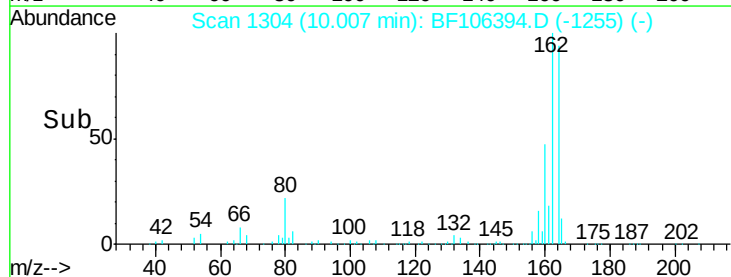
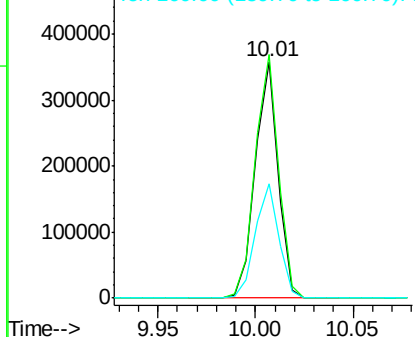


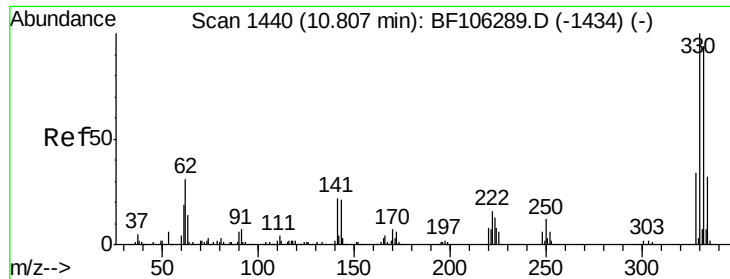
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Tgt Ion: 164 Resp: 289121
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 48.6 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

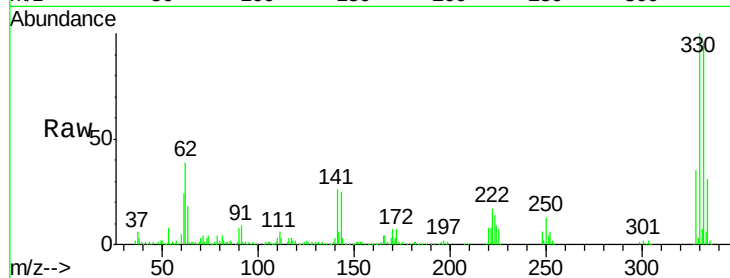




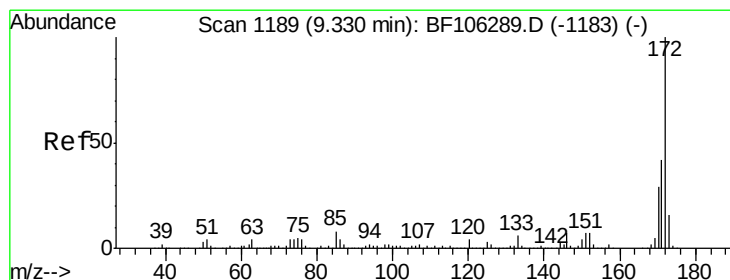
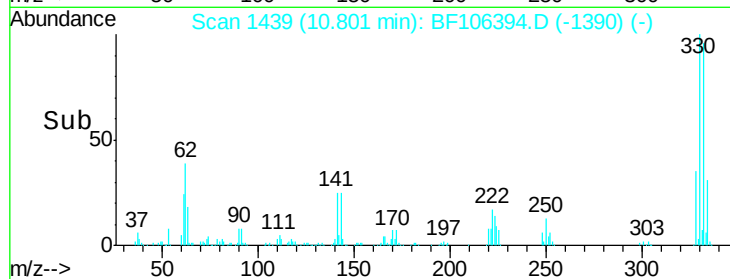
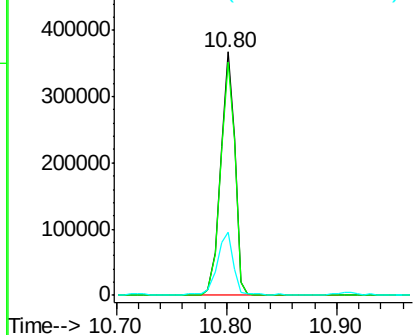
#41
 2,4,6-Tribromophenol
 Concen: 118.596 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 EPE-105-5(5-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	28.5	29.9	44.9

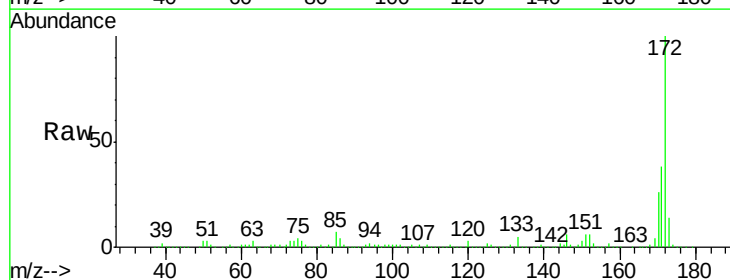


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

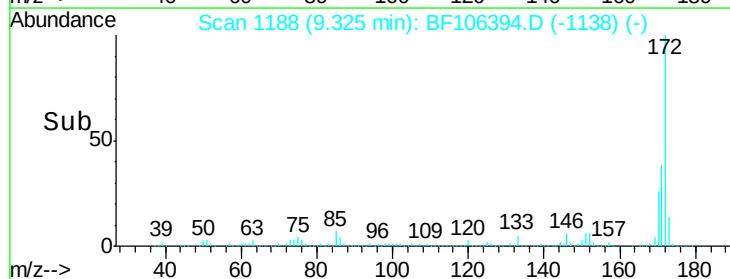
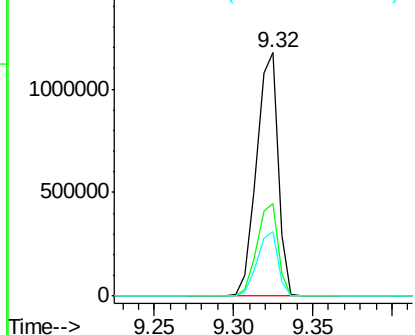


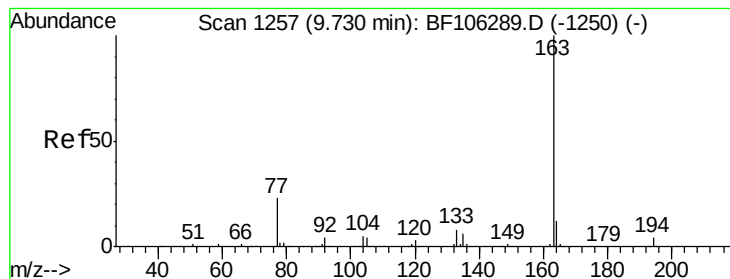
#44
 2-Fluorobiphenyl
 Concen: 62.697 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.7	44.5
170	26.2	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: 12.082 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

Instrument :

BNA_F

ClientSampleId :

EPE-105-5(5-10)

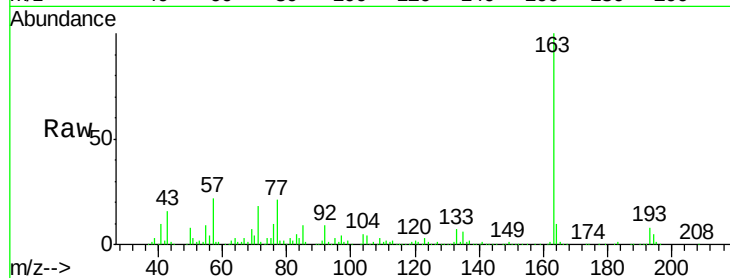
Tot Ion:163 Resp: 249558

Ion Ratio Lower Upper

163 100

194 5.0 2.7 4.1#

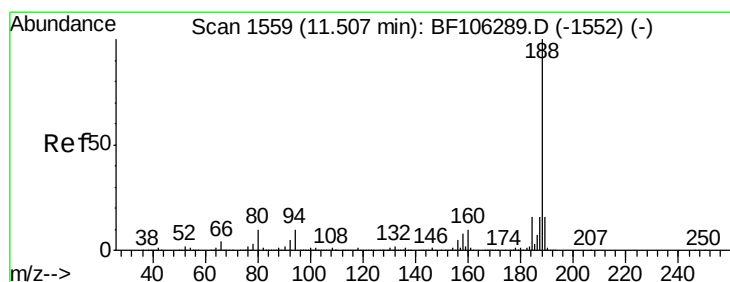
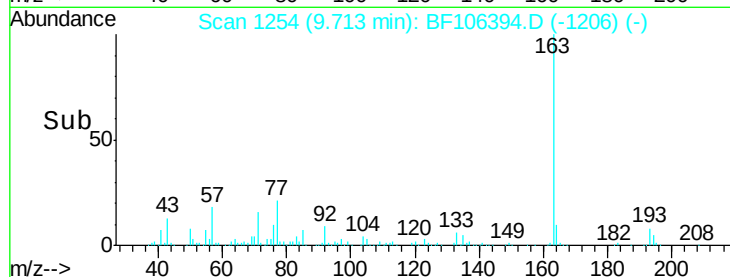
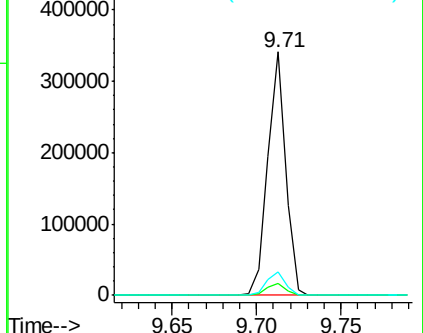
164 9.7 8.2 12.2



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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

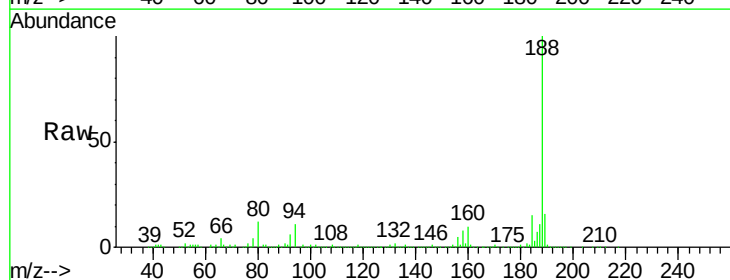
Tgt Ion:188 Resp: 576360

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

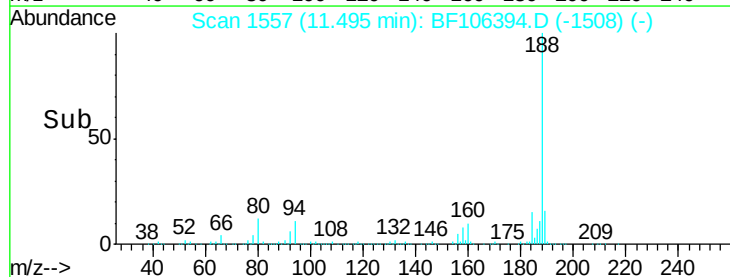
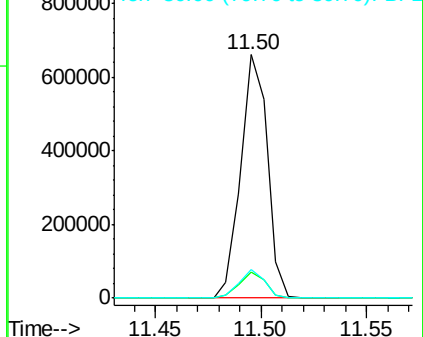
80 11.6 9.2 13.8

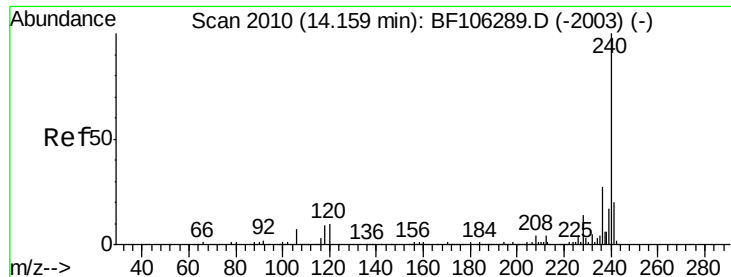


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

Instrument :

BNA_F

ClientSampleId :

EPE-105-5(5-10)

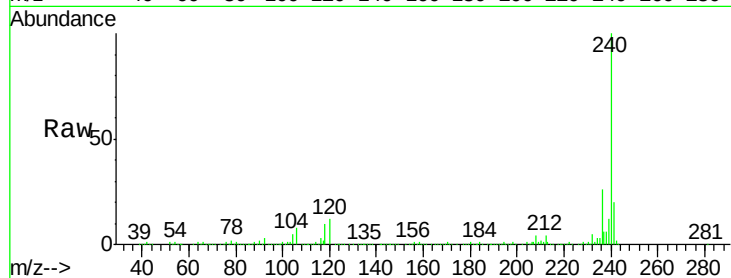
Tot Ion:240 Resp: 386605

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

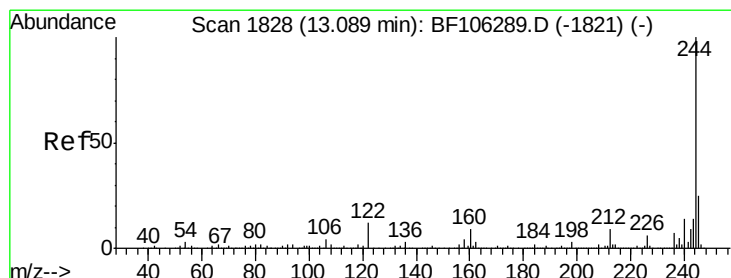
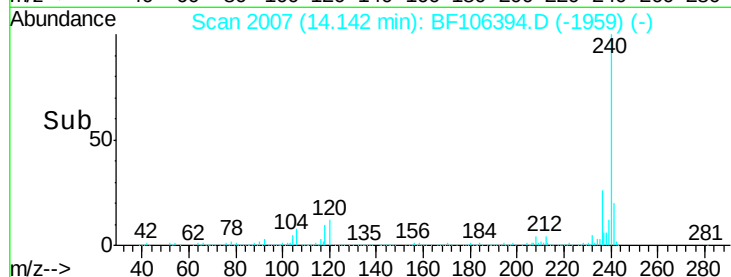
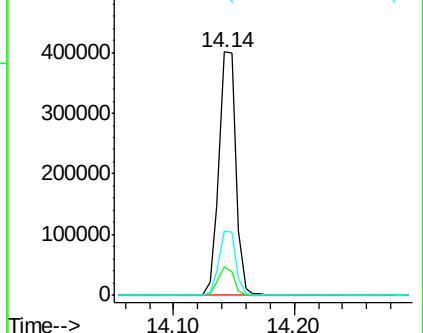
236 26.3 20.7 31.1



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: 79.551 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

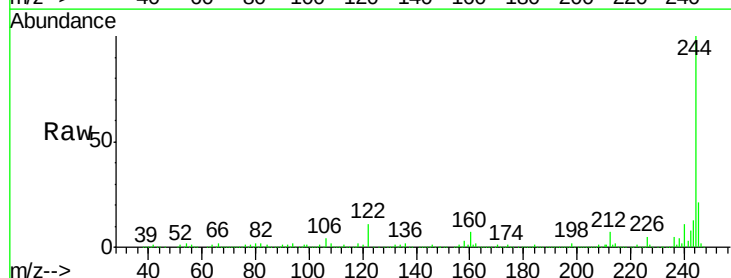
Tgt Ion:244 Resp: 1238220

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

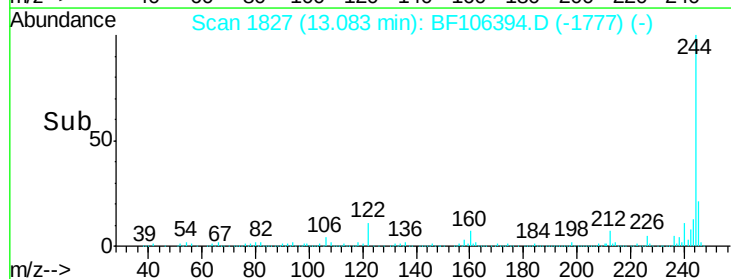
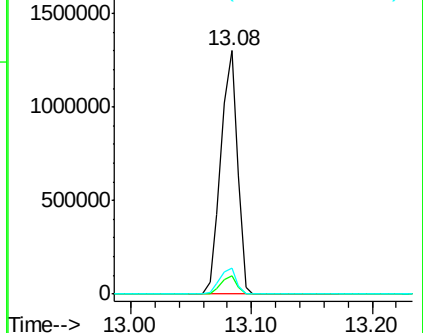
122 10.6 11.0 16.4#

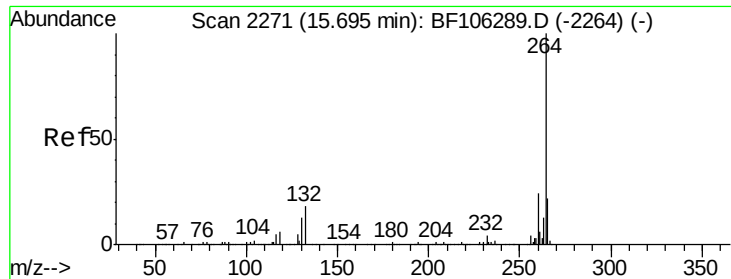


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BF106394.D
Acq: 13 Jun 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EPE-105-5(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3

