

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106939.D
 Acq On : 28 Jun 2018 23:37
 Operator : JU/SJ
 Sample : J3745-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(55-57)

Quant Time: Jun 29 03:23:20 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

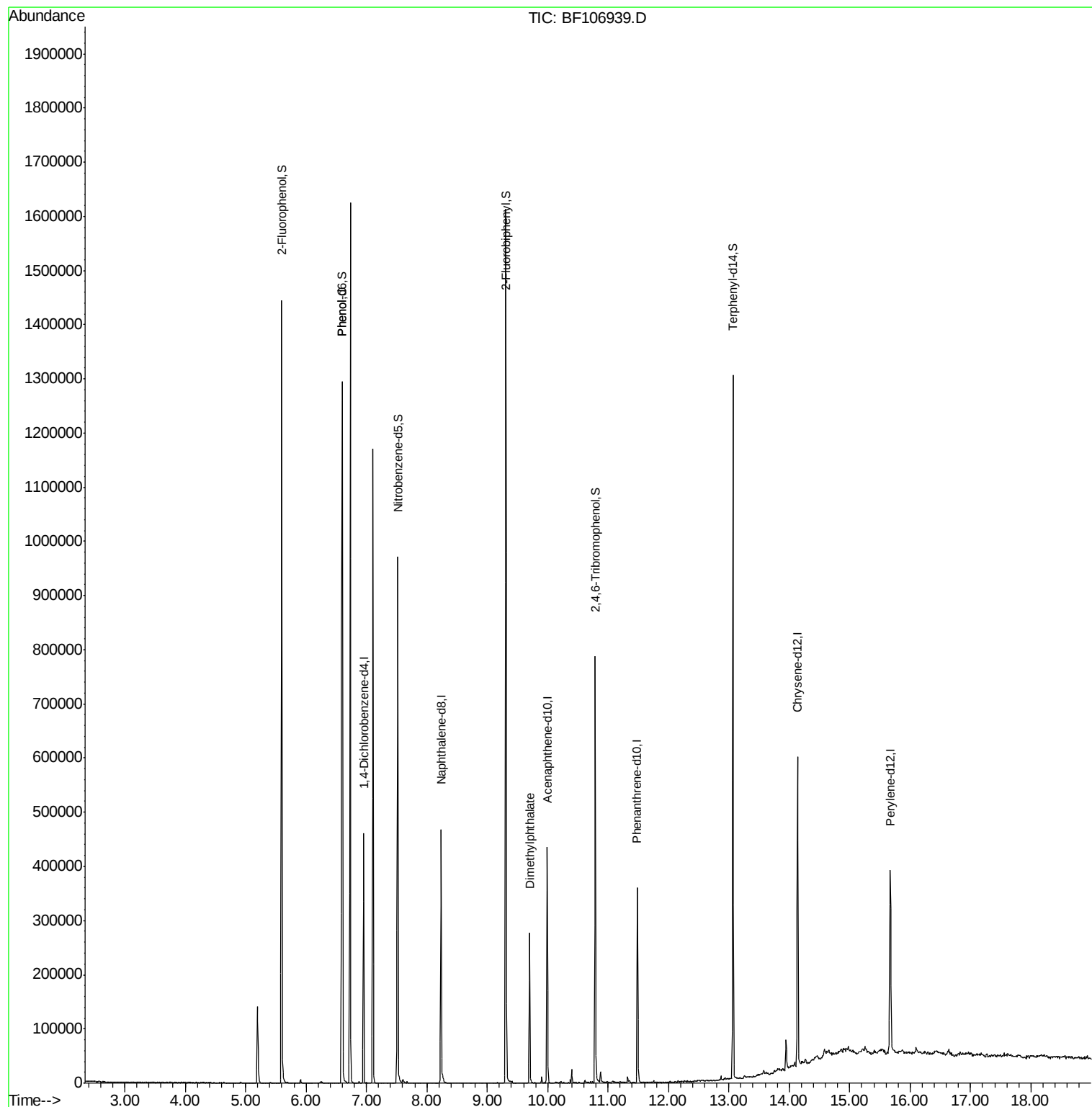
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	64669	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	225219	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	91340	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	155714	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	199583	20.00	ng	-0.03
86) Perylene-d12	15.67	264	181916	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	435313	113.98	ng	0.00
7) Phenol-d6	6.60	99	531373	111.42	ng	-0.01
23) Nitrobenzene-d5	7.52	82	314542	77.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	121363	114.64	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	506216	95.66	ng	-0.02
78) Terphenyl-d14	13.07	244	503993	61.17	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	10984	2.018	ng	Qvalue # 74
49) Dimethylphthalate	9.70	163	115076	16.798	ng	99

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

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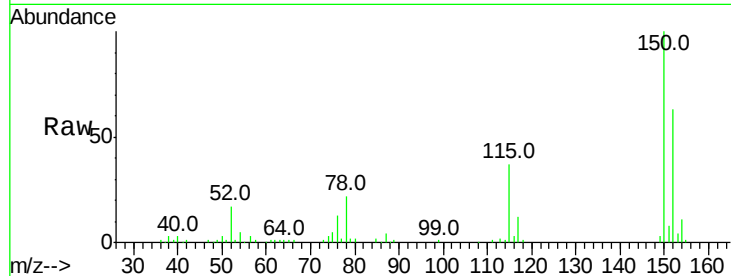


#1

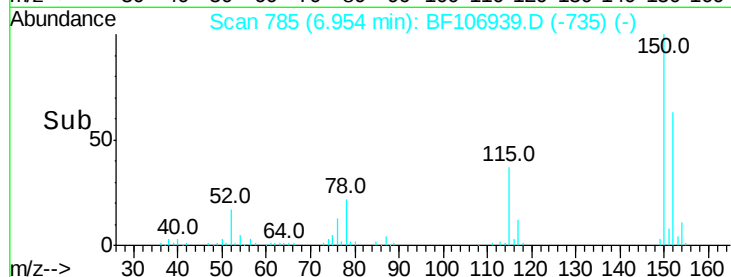
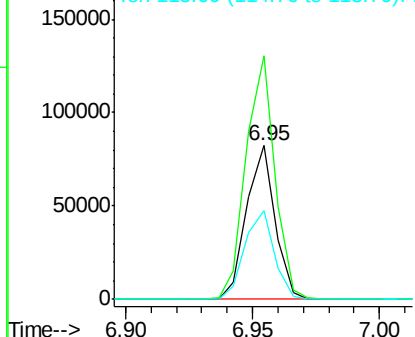
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(55-57)

Tot Ion:152 Resp: 64669
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.1 50.1 75.1



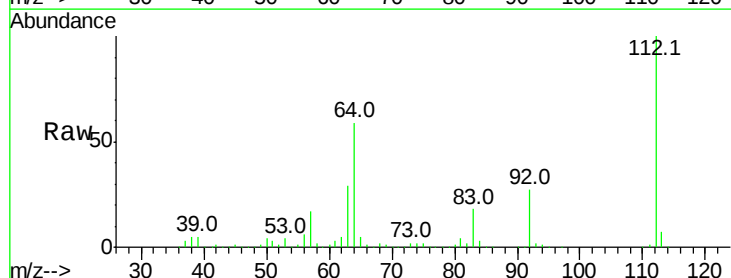
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



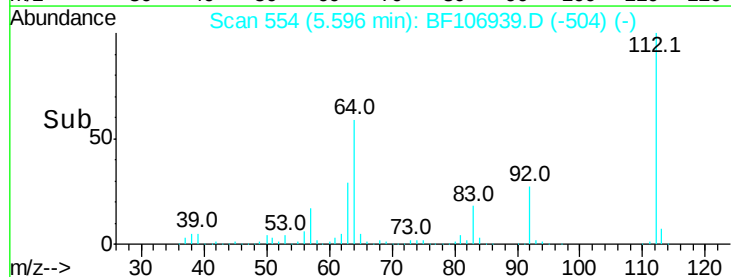
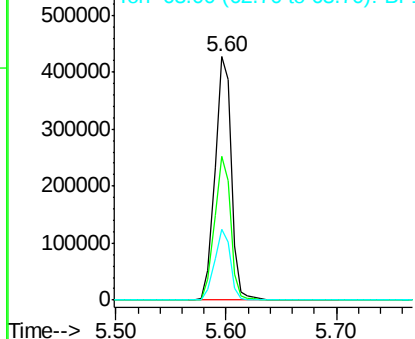
#5

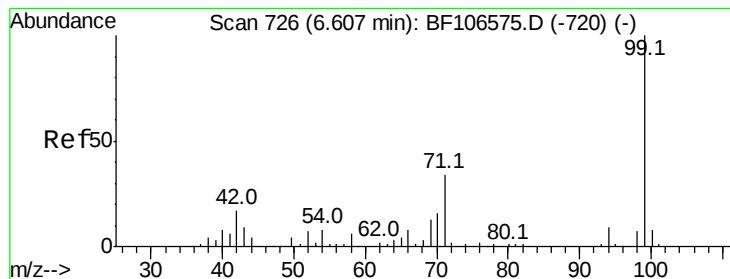
2-Fluorophenol
Concen: 113.984 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

Tgt Ion:112 Resp: 435313
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 29.2 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: 111.416 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(55-57)

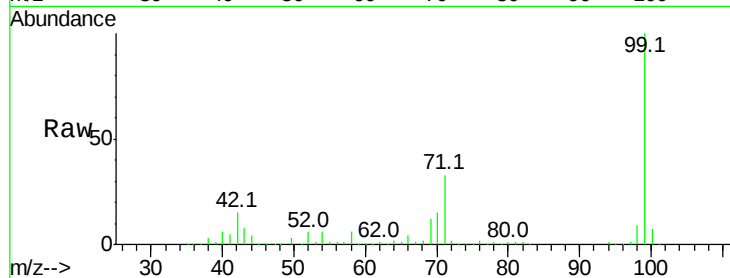
Tot Ion: 99 Resp: 531373

Ion Ratio Lower Upper

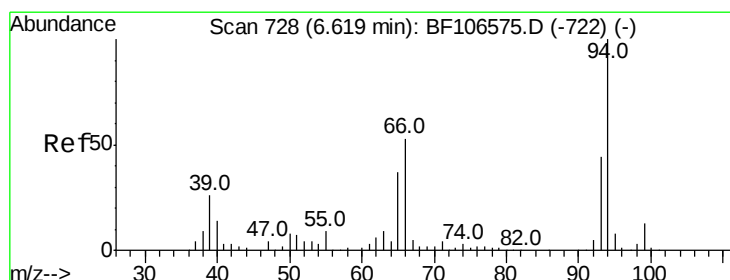
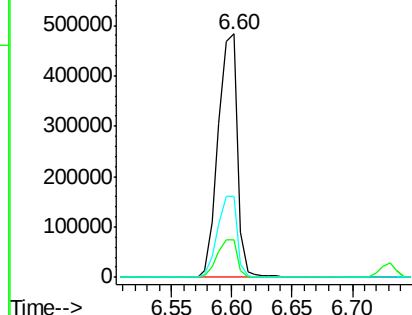
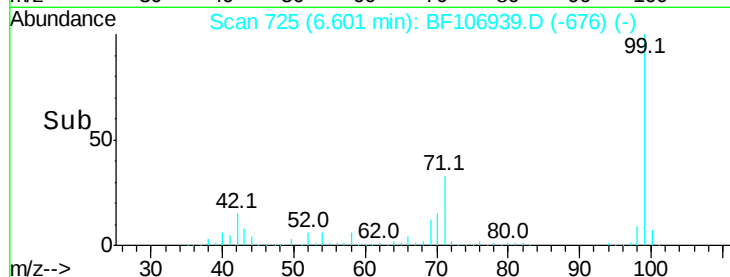
99 100

42 15.5 14.5 21.7

71 33.1 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



#10

Phenol

Concen: 2.018 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

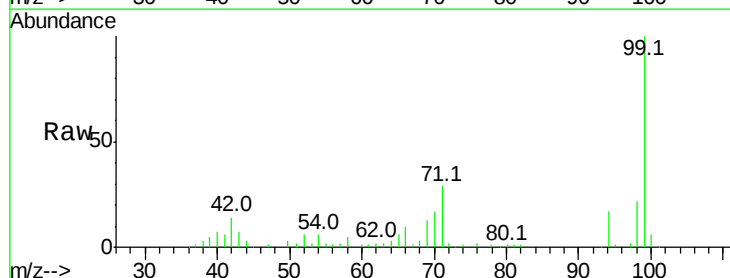
Tgt Ion: 94 Resp: 10984

Ion Ratio Lower Upper

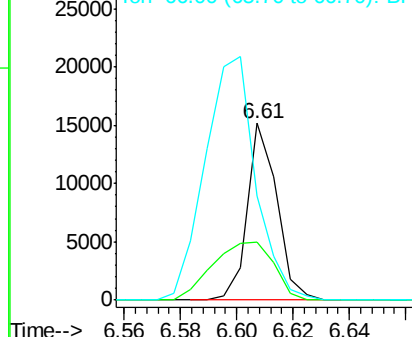
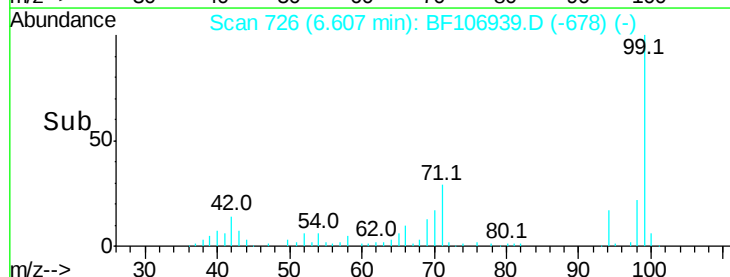
94 100

65 32.8 7.9 47.9

66 58.6 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(55-57)

Tot Ion:136 Resp: 225219

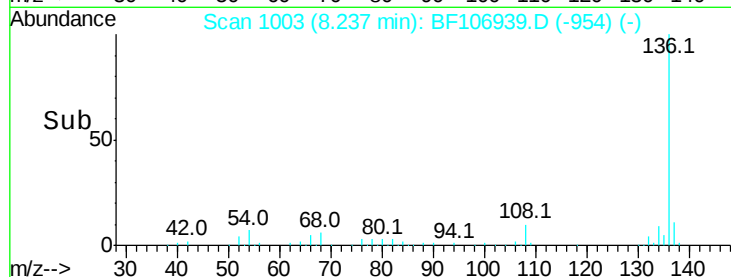
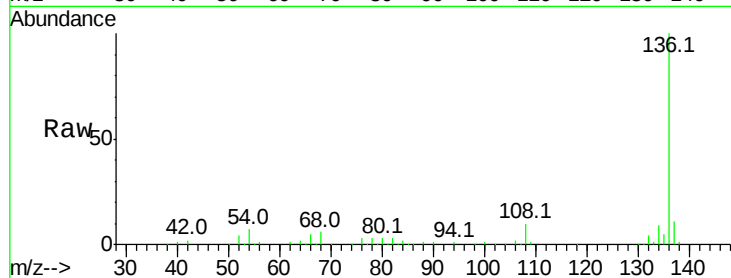
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

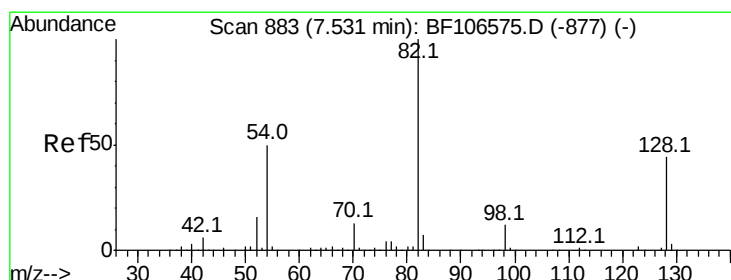
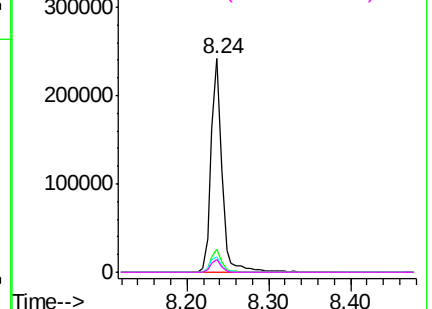


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.614 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

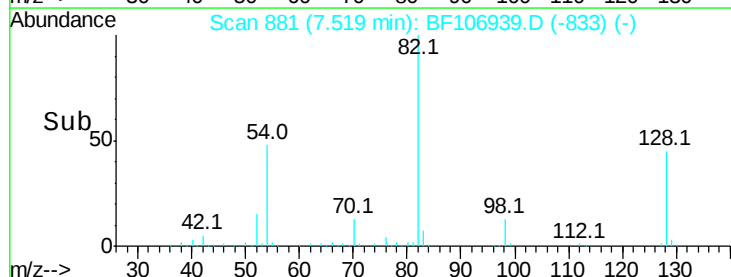
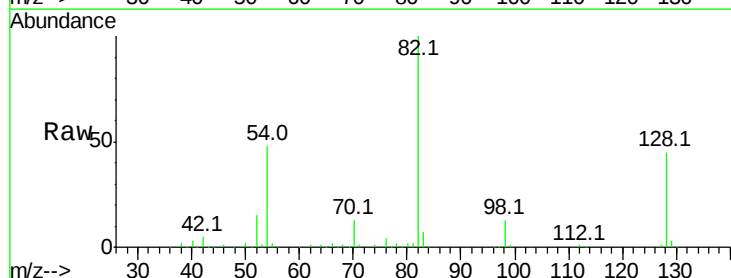
Tgt Ion: 82 Resp: 314542

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

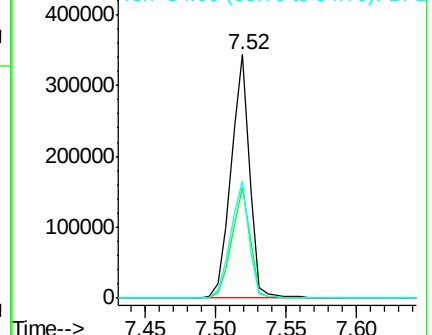
54 48.2 41.4 62.2

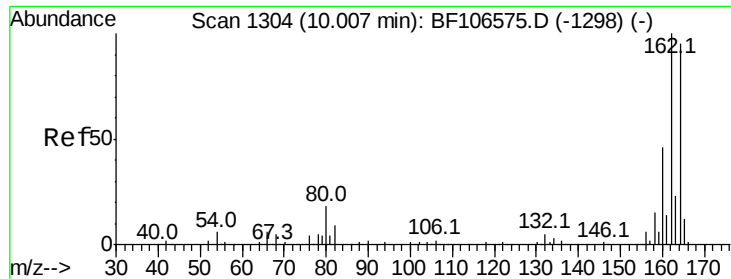


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

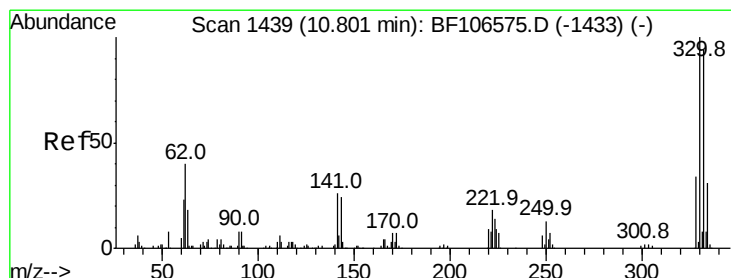
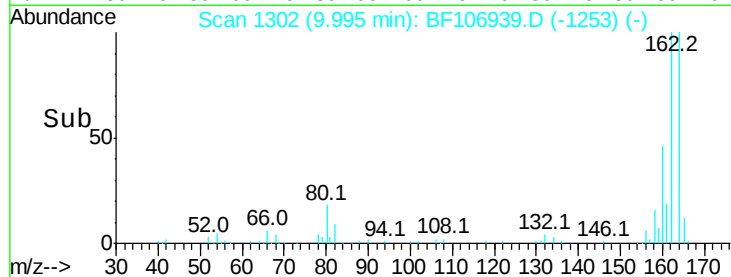
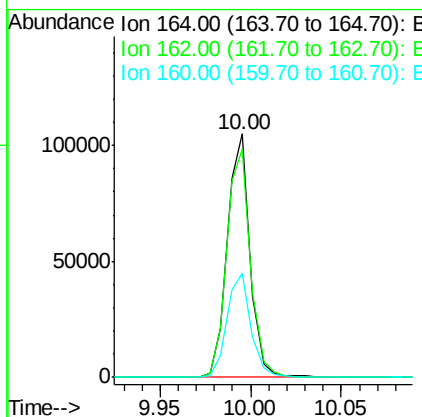
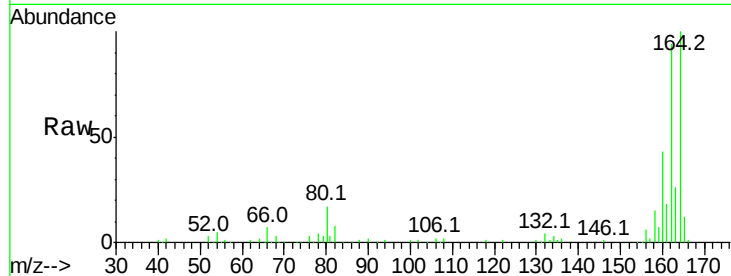




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

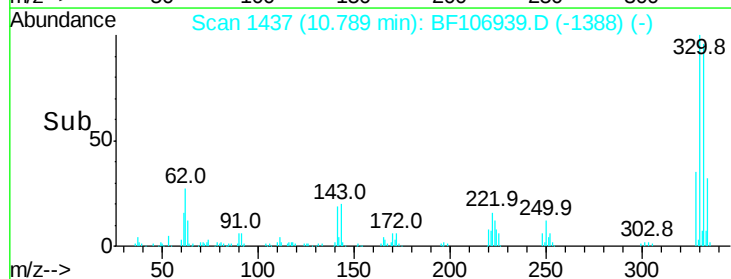
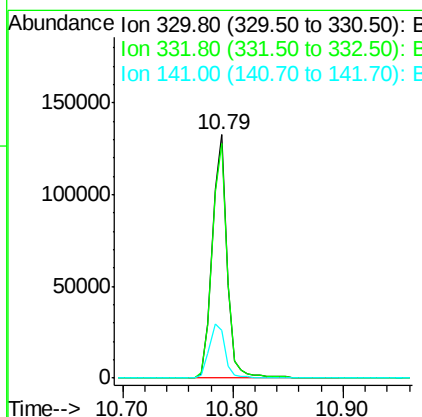
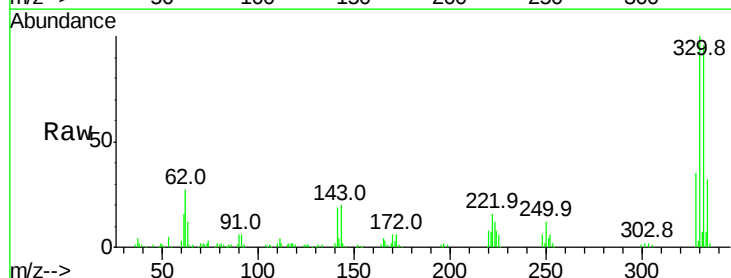
Instrument :
BNA_F
ClientSampleId :
EPE-106-8(55-57)

Tot Ion:164 Resp: 91340
Ion Ratio Lower Upper
164 100
162 93.7 86.1 129.1
160 43.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 114.639 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

Tgt Ion:330 Resp: 121363
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 23.4 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 95.656 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(55-57)

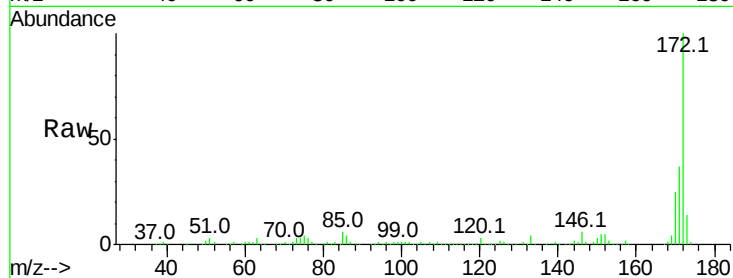
Tot Ion:172 Resp: 506216

Ion Ratio Lower Upper

172 100

171 37.4 29.7 44.5

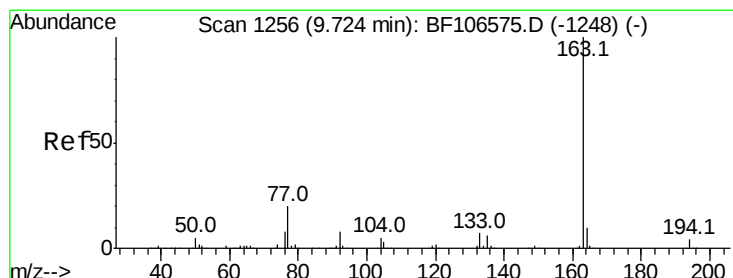
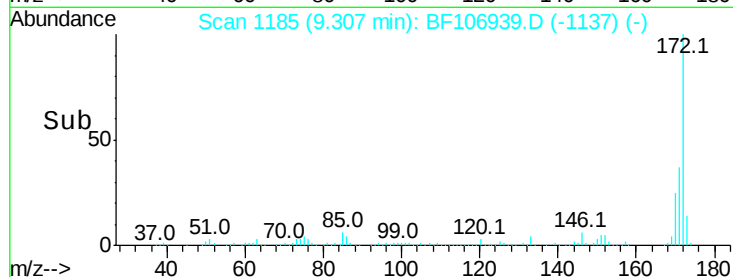
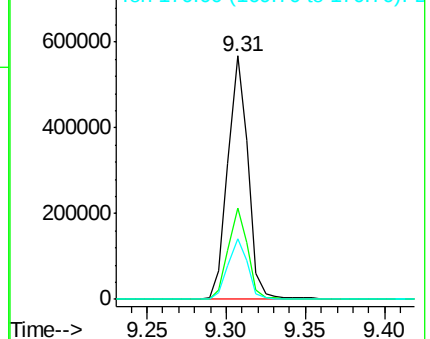
170 24.8 19.6 29.4



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: 16.798 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106939.D

Acq: 28 Jun 2018 23:37

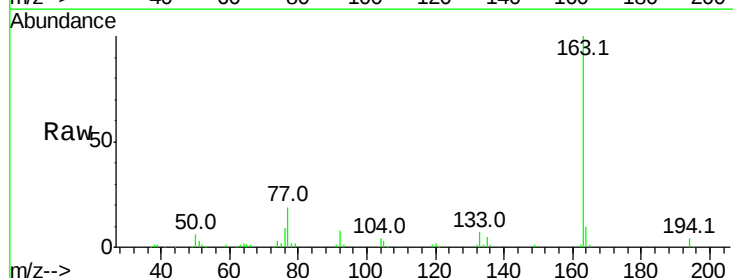
Tgt Ion:163 Resp: 115076

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

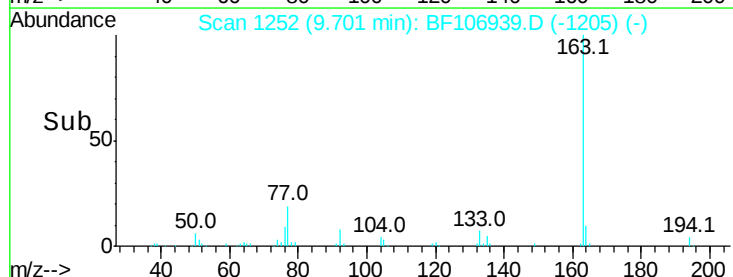
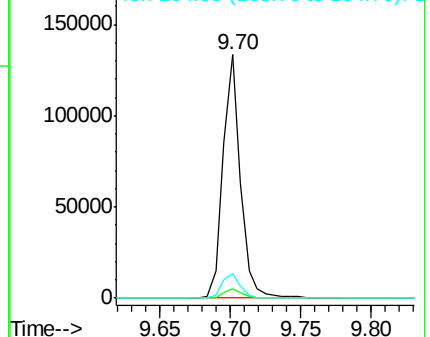
164 10.4 8.2 12.2



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

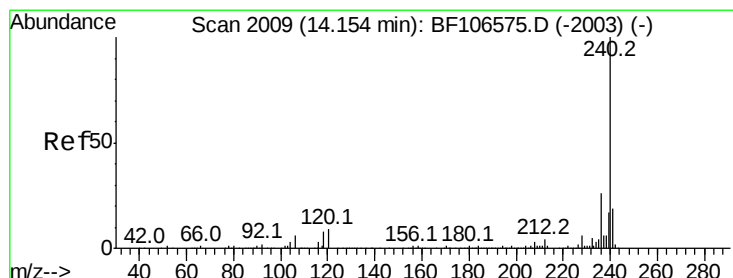
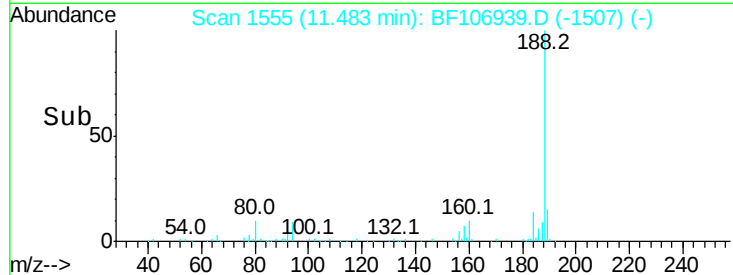
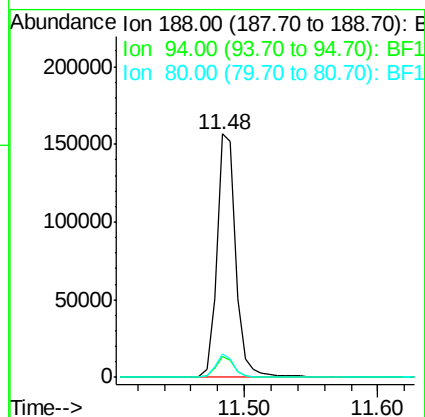
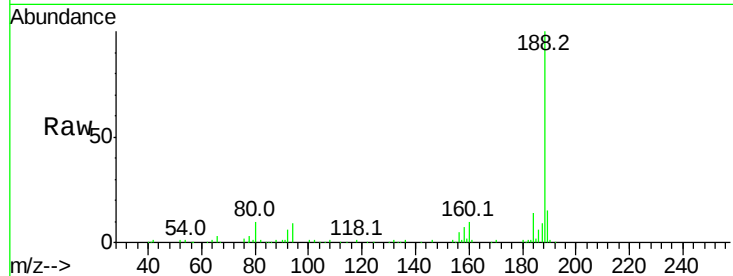




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

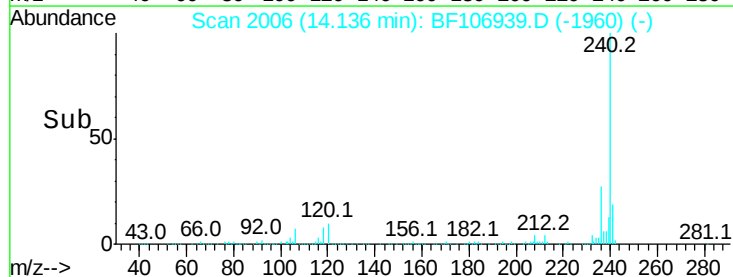
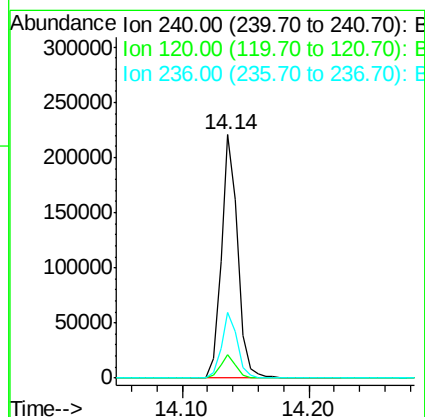
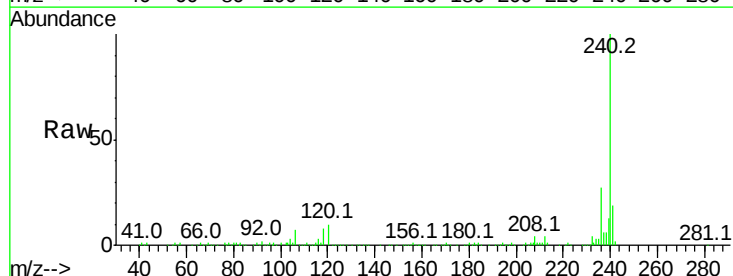
Instrument :
BNA_F
ClientSampleId :
EPE-106-8(55-57)

Tot Ion:188 Resp: 155714
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106939.D
Acq: 28 Jun 2018 23:37

Tgt Ion:240 Resp: 199583
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 26.8 20.7 31.1

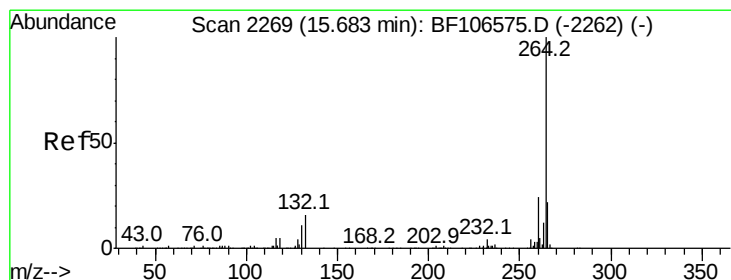
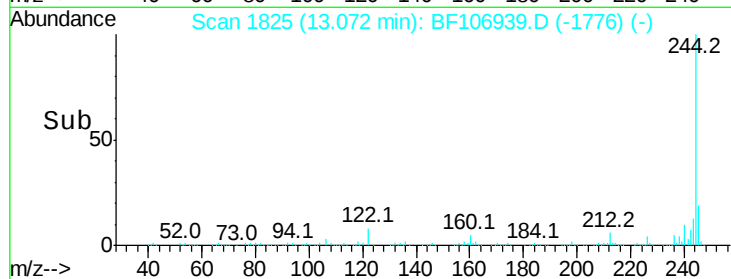
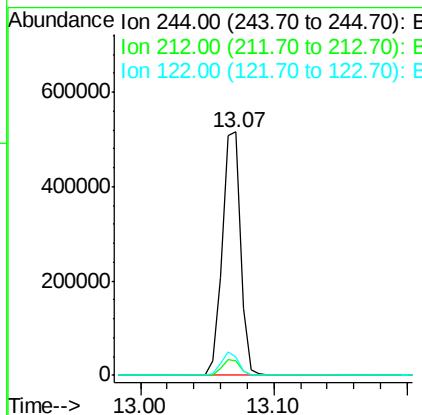
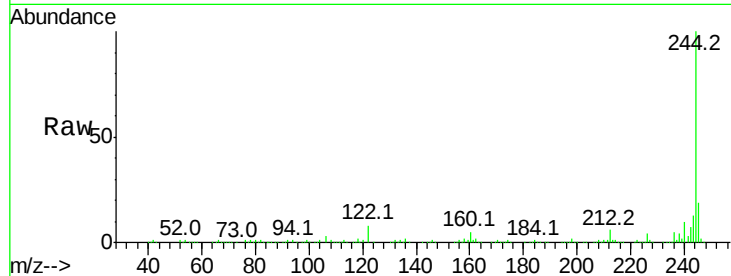




#78
 Terphenyl-d14
 Concen: 61.169 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106939.D
 Acq: 28 Jun 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(55-57)

Tot Ion:244 Resp: 503993
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106939.D
 Acq: 28 Jun 2018 23:37

Tgt Ion:264 Resp: 181916
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.5 26.3

