

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107080.D
 Acq On : 3 Jul 2018 14:19
 Operator : JU/SJ
 Sample : J3732-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)

Quant Time: Jul 03 15:28:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

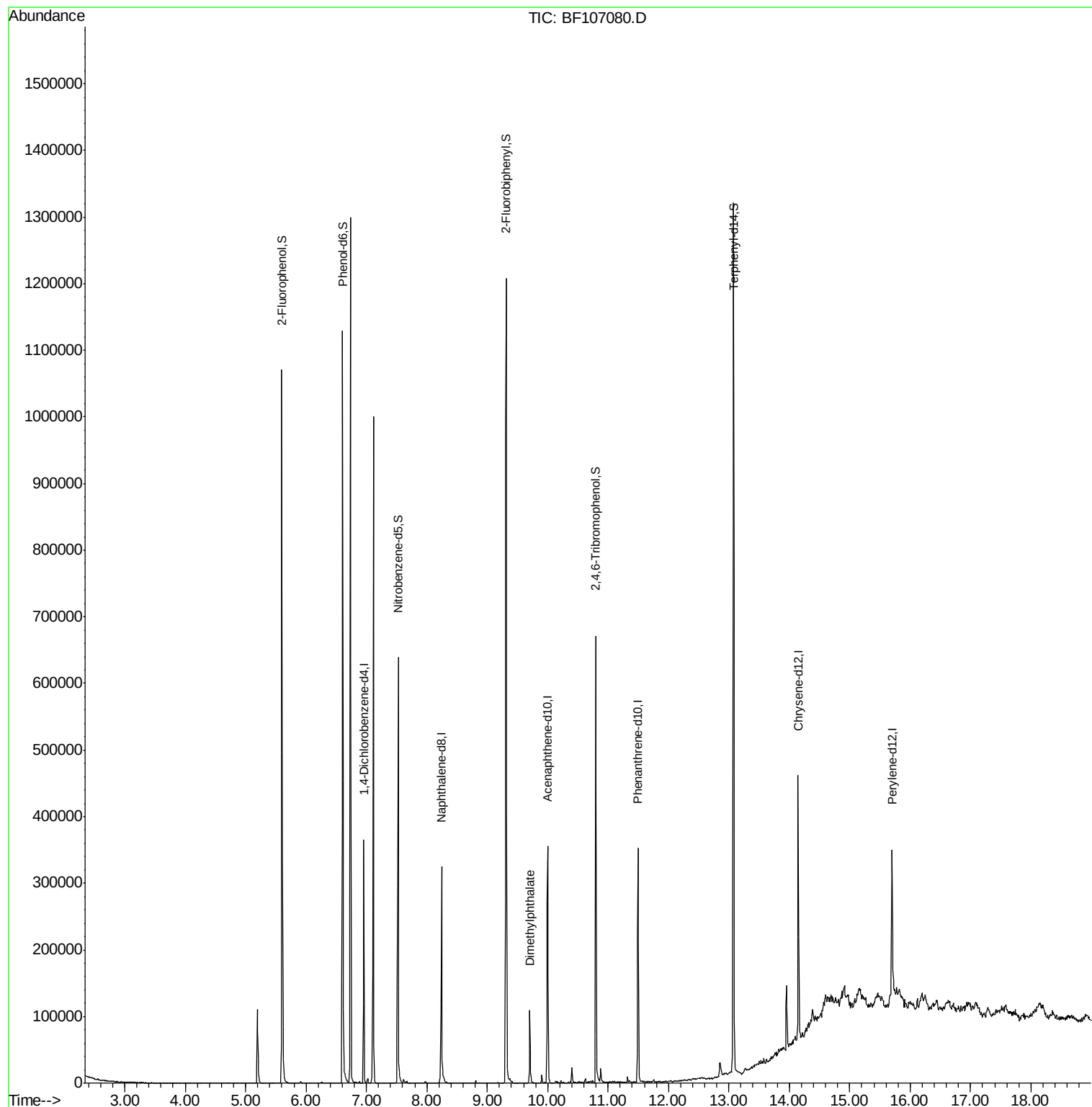
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53536	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	183662	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	77006	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	141880	20.00	ng	0.00
75) Chrysene-d12	14.15	240	159159	20.00	ng	-0.01
86) Perylene-d12	15.70	264	127193	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	337524	106.76	ng	0.00
7) Phenol-d6	6.61	99	404316	102.40	ng	0.00
23) Nitrobenzene-d5	7.52	82	234702	71.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	98870	110.78	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	410208	91.25	ng	-0.01
78) Terphenyl-d14	13.08	244	459044	69.86	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	53165	9.205	ng	99

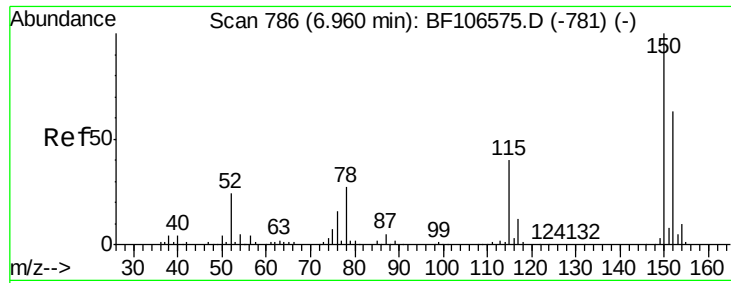
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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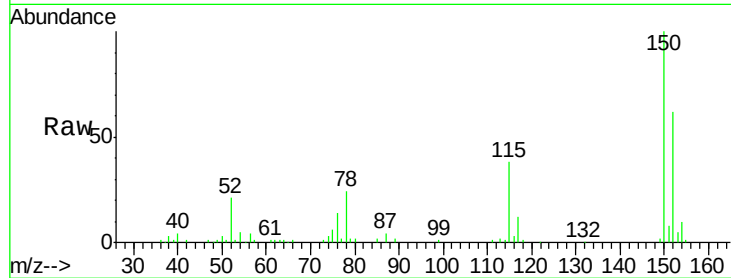


#1

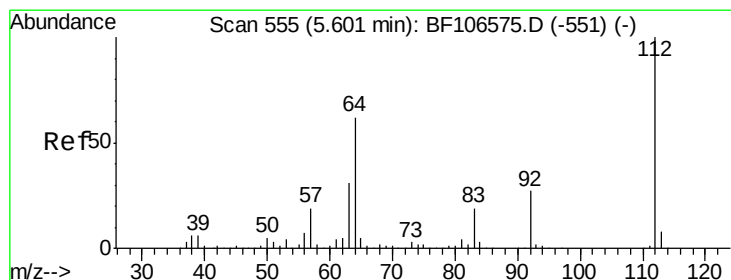
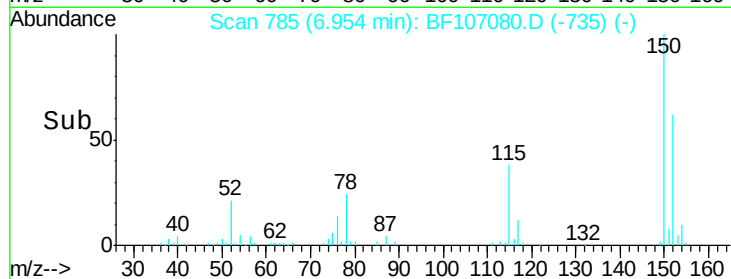
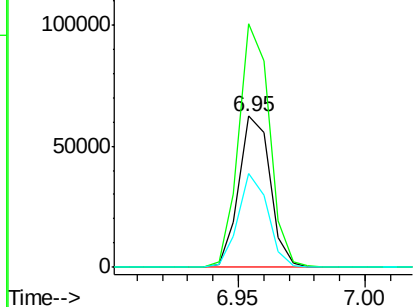
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107080.D
Acq: 3 Jul 2018 14:19

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)

Tot Ion:152 Resp: 53536
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 62.0 50.1 75.1



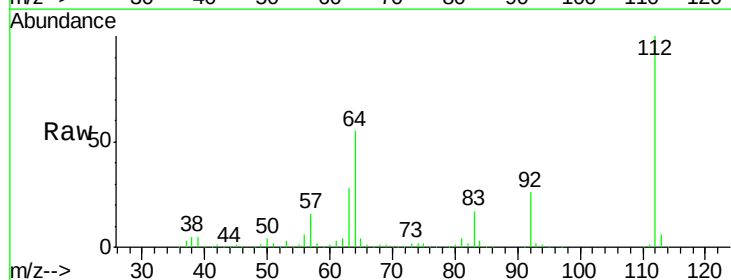
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



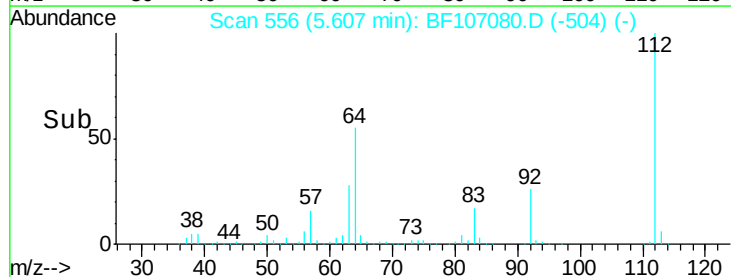
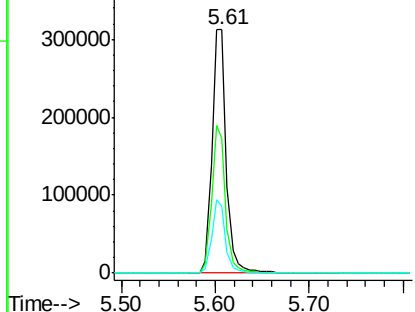
#5

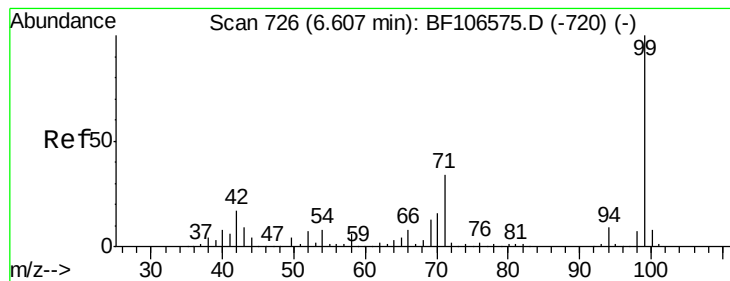
2-Fluorophenol
Concen: 106.757 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107080.D
Acq: 3 Jul 2018 14:19

Tgt Ion:112 Resp: 337524
Ion Ratio Lower Upper
112 100
64 55.4 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: 102.404 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107080.D

Acq: 3 Jul 2018 14:19

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(18-20)

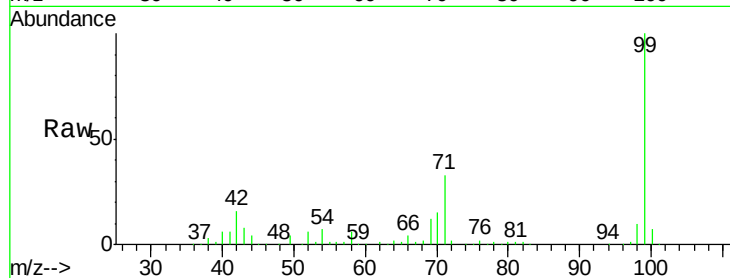
Tot Ion: 99 Resp: 404316

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

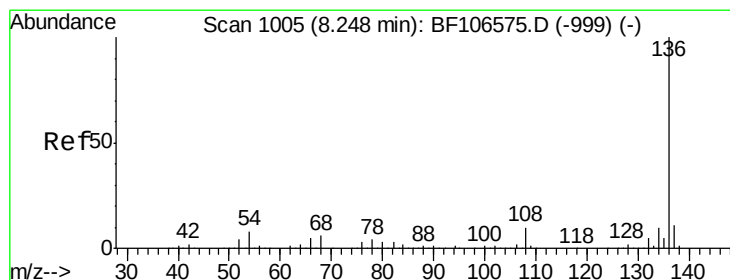
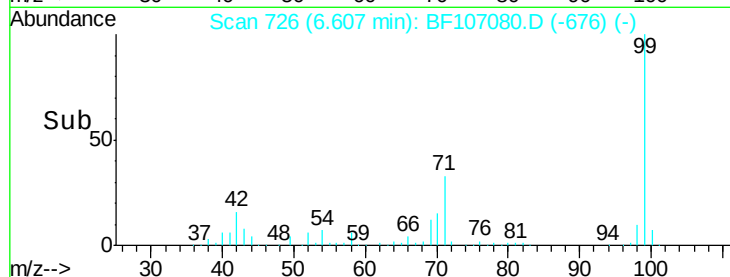
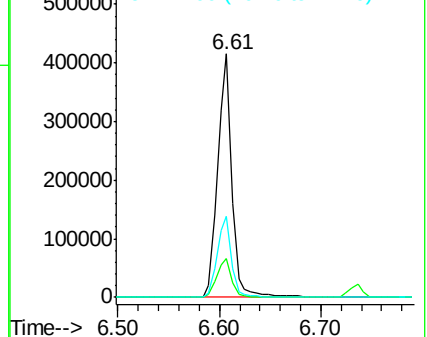
71 33.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107080.D

Acq: 3 Jul 2018 14:19

Tgt Ion: 136 Resp: 183662

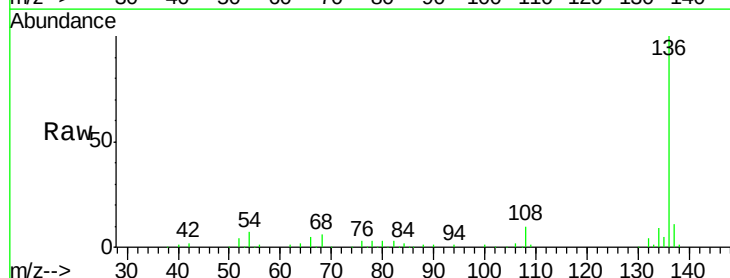
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.2 6.6 9.8

68 5.7 5.0 7.4

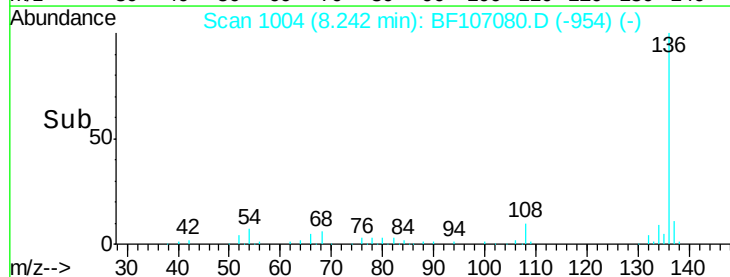
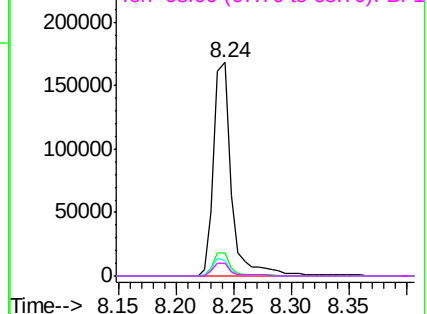


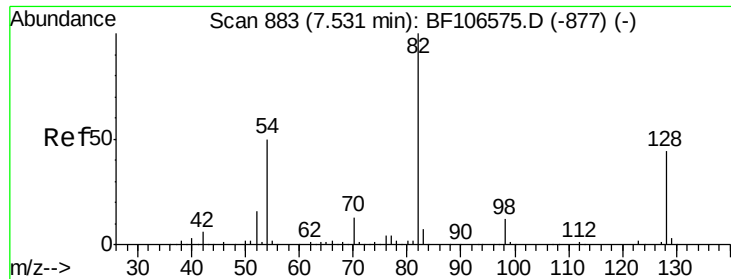
Abundance Ion 136.00 (135.70 to 136.70): E

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

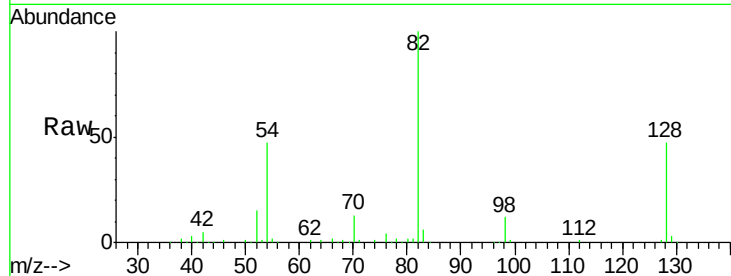




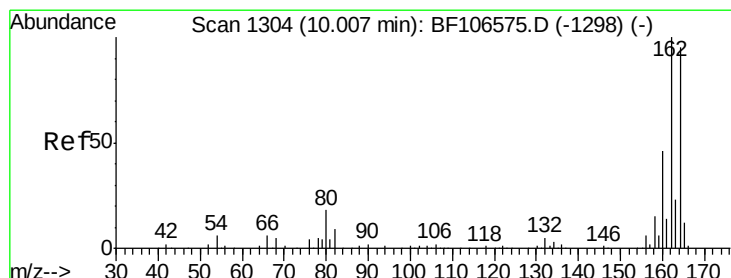
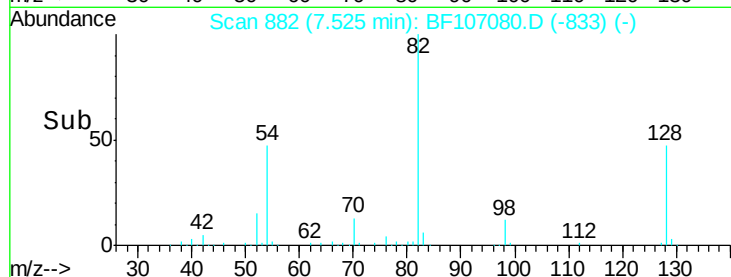
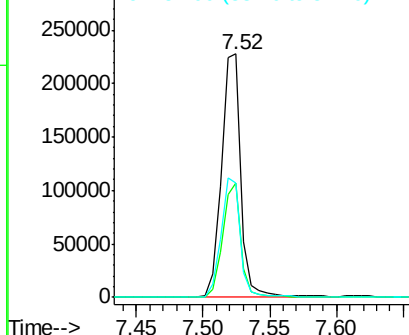
#23
 Nitrobenzene-d5
 Concen: 71.018 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107080.D
 Acq: 3 Jul 2018 14:19

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)

Tot Ion: 82 Resp: 234702
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 46.9 41.4 62.2

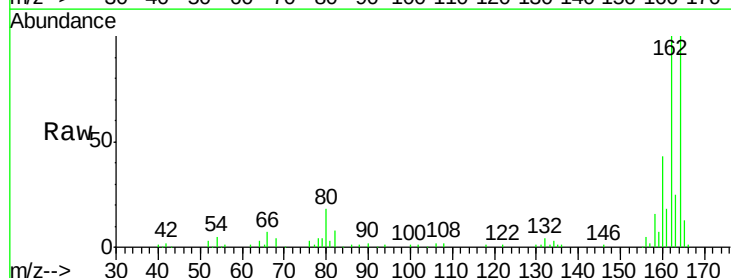


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

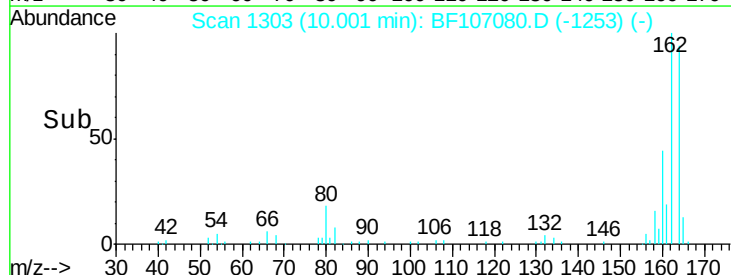
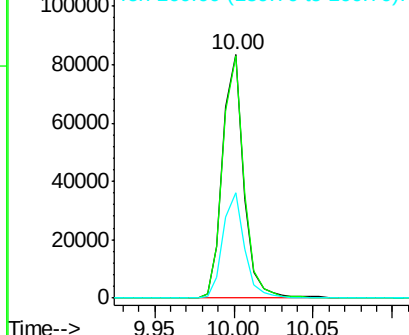


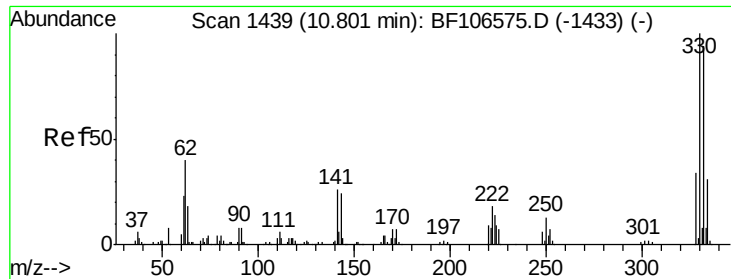
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107080.D
 Acq: 3 Jul 2018 14:19

Tgt Ion: 164 Resp: 77006
 Ion Ratio Lower Upper
 164 100
 162 99.7 86.1 129.1
 160 43.4 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

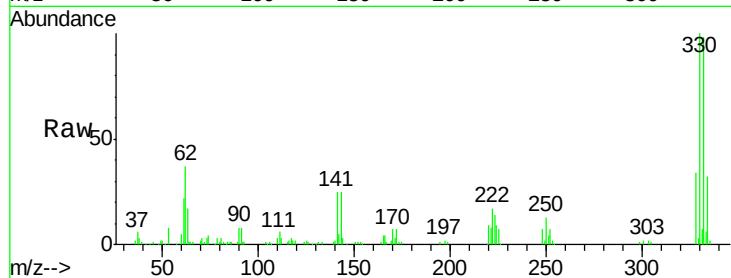




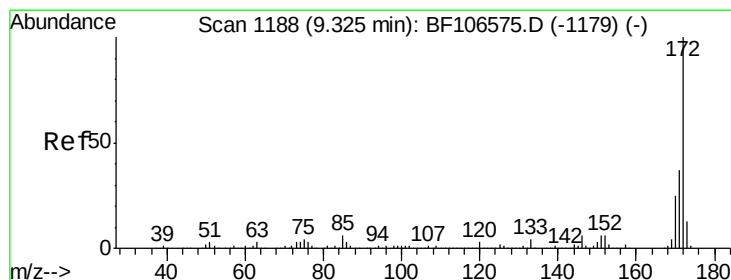
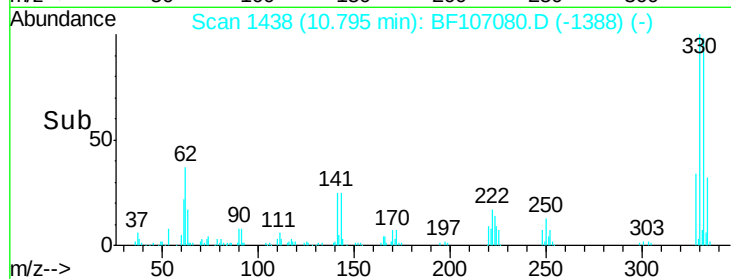
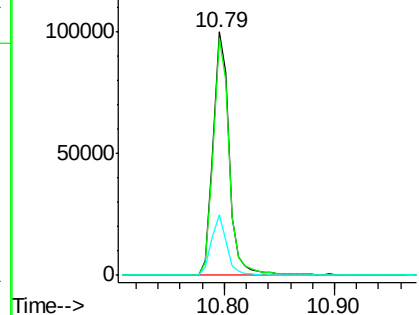
#41
 2,4,6-Tribromophenol
 Concen: 110.776 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107080.D
 Acq: 3 Jul 2018 14:19

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)

Tot Ion:330 Resp: 98870
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 23.6 29.9 44.9#

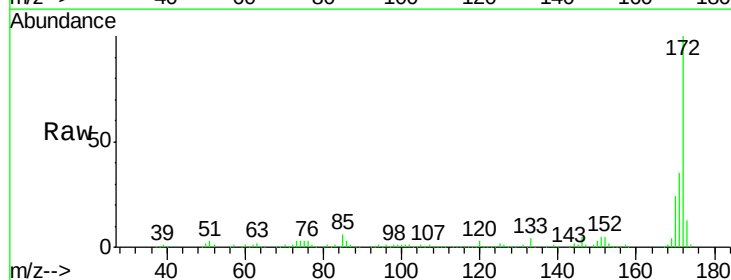


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

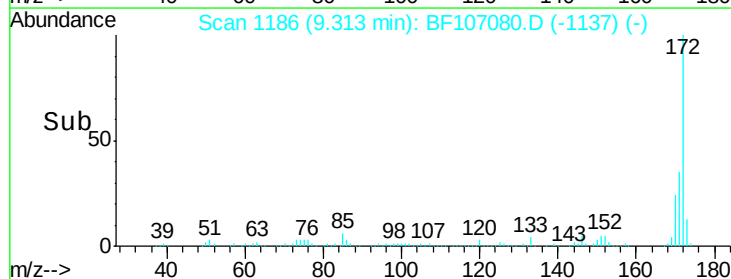
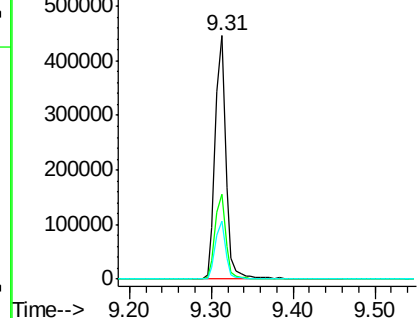


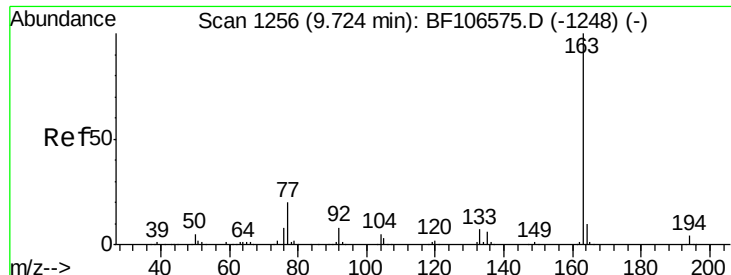
#44
 2-Fluorobiphenyl
 Concen: 91.250 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107080.D
 Acq: 3 Jul 2018 14:19

Tgt Ion:172 Resp: 410208
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.9 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

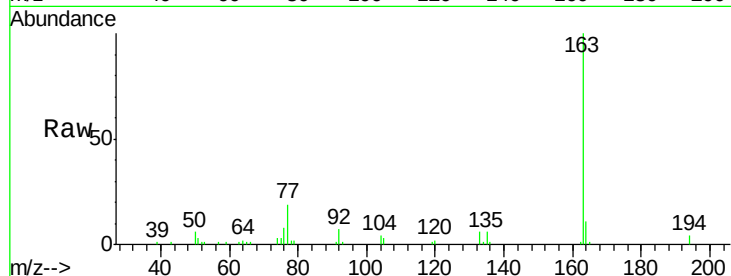




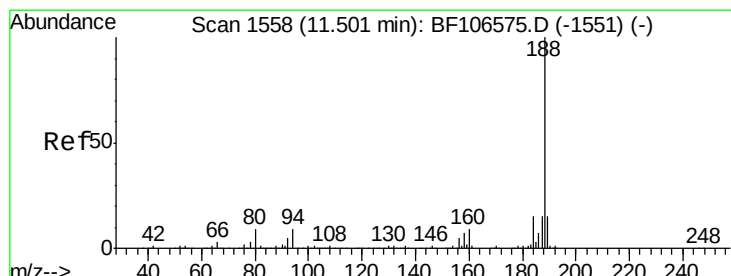
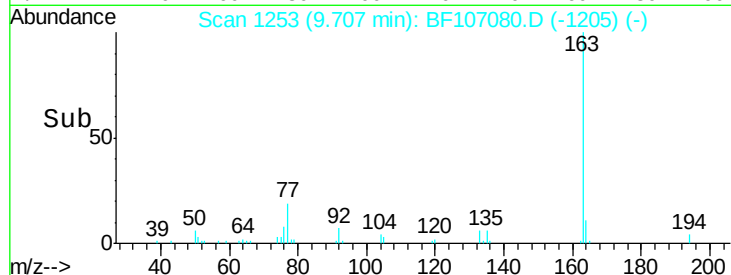
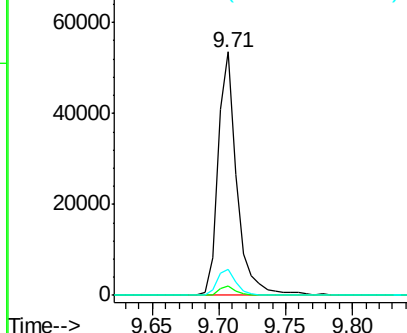
#49
Dimethylphthalate
Concen: 9.205 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107080.D
Acq: 3 Jul 2018 14:19

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)

Tot Ion:163 Resp: 53165
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.7 8.2 12.2

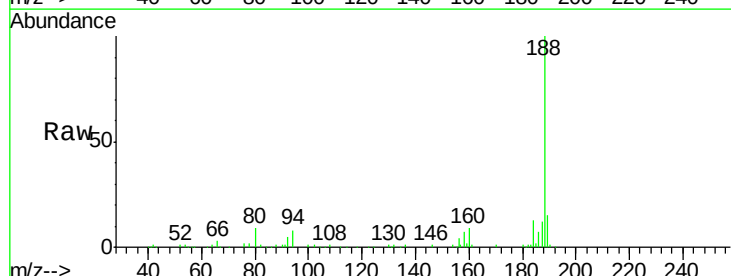


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

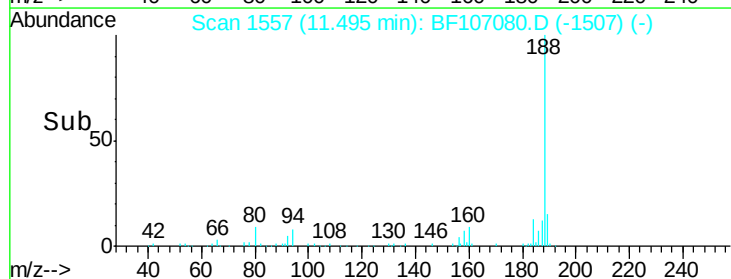
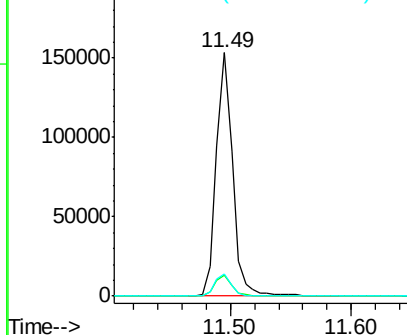


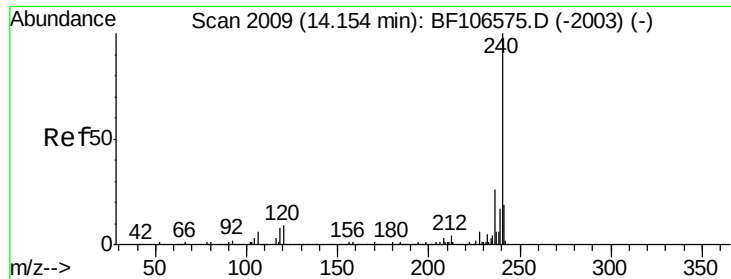
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107080.D
Acq: 3 Jul 2018 14:19

Tgt Ion:188 Resp: 141880
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.1 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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107080.D

Acq: 3 Jul 2018 14:19

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(18-20)

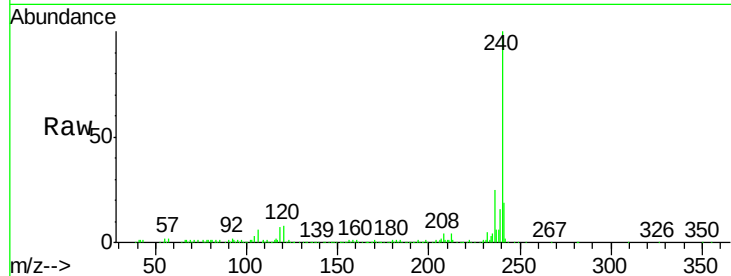
Tot Ion:240 Resp: 159159

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

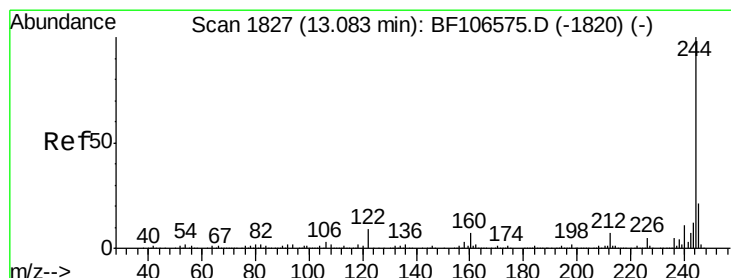
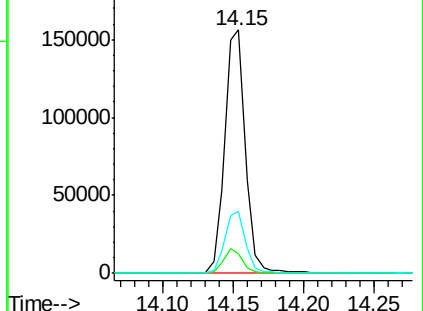
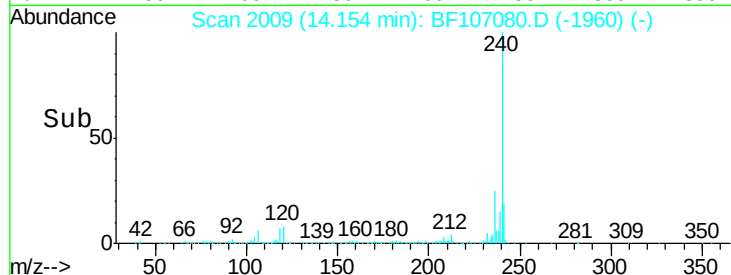
236 25.3 20.7 31.1



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: 69.864 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107080.D

Acq: 3 Jul 2018 14:19

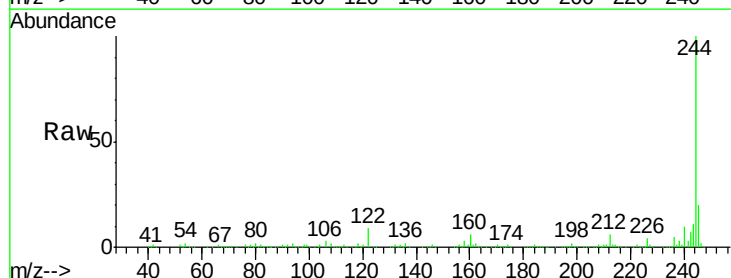
Tgt Ion:244 Resp: 459044

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

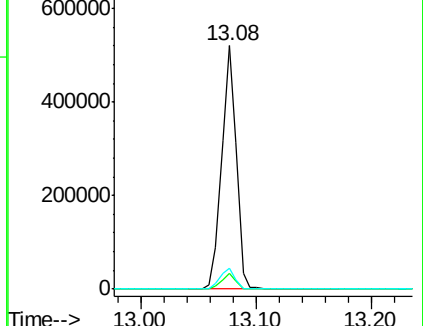
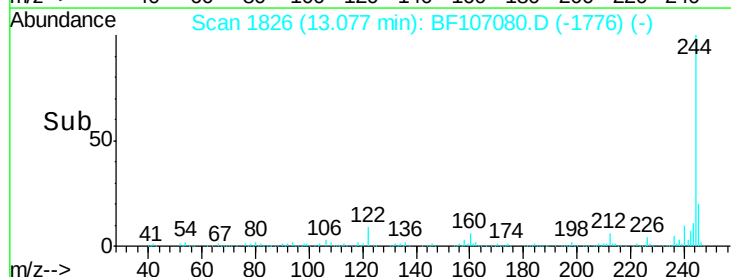
122 8.7 11.0 16.4#

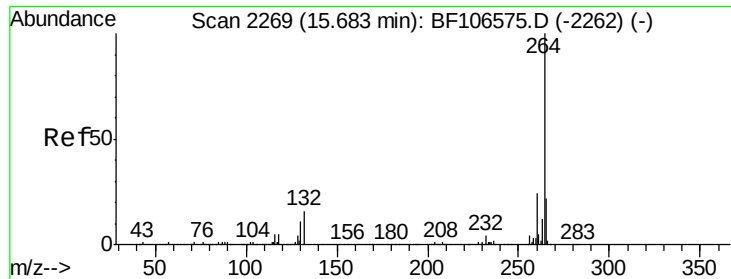


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF107080.D
Acq: 3 Jul 2018 14:19

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.3	19.2	28.8	
265	20.3	17.5	26.3	

