

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108602.D
 Acq On : 29 Aug 2018 14:11
 Operator : JU/SJ
 Sample : J4648-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-@-8-FT

Quant Time: Aug 29 16:01:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

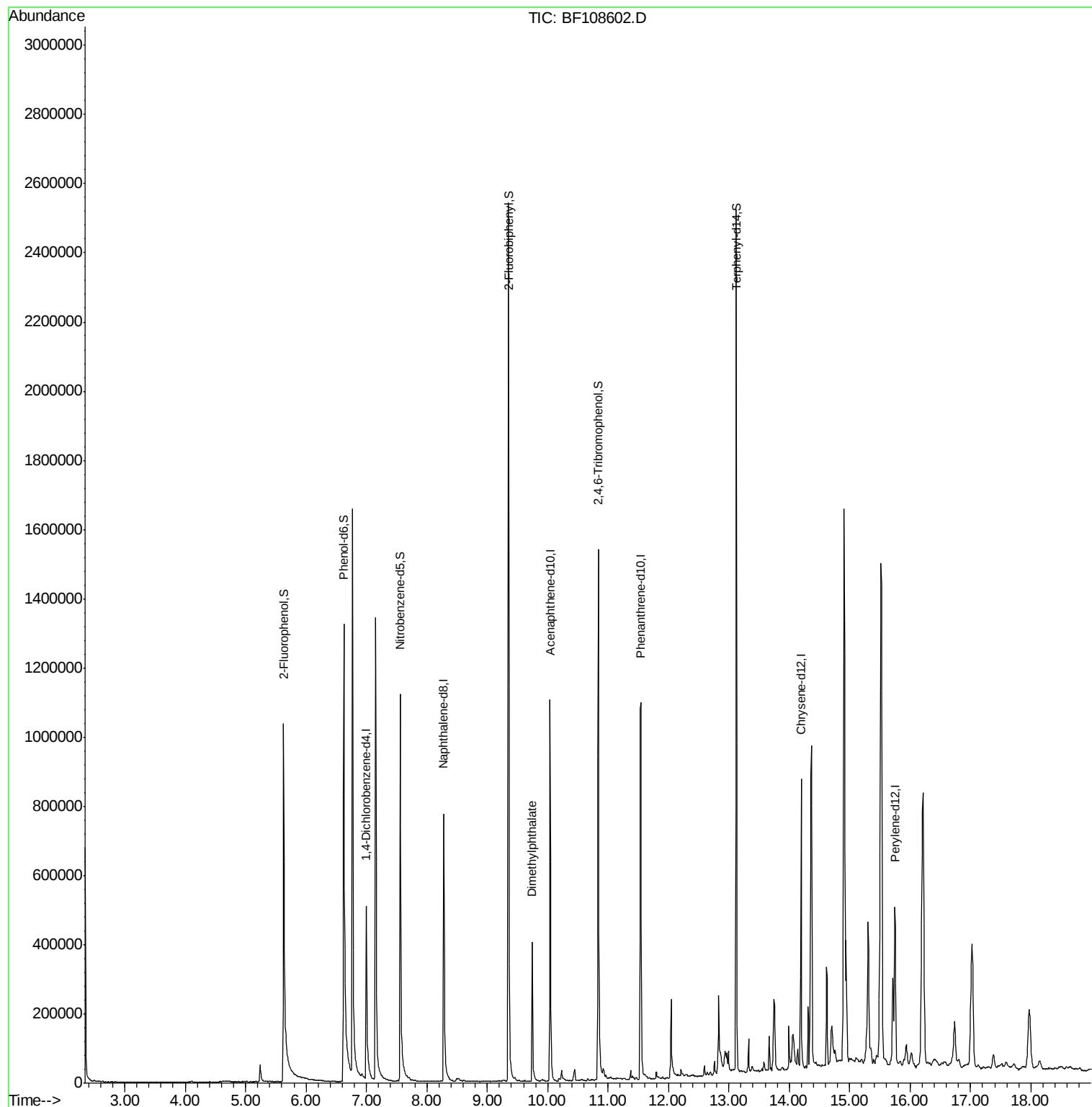
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	118134	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	473910	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	238069	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	480825	20.00	ng	0.00
75) Chrysene-d12	14.19	240	294032	20.00	ng	0.00
86) Perylene-d12	15.75	264	251087	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	481006	73.72	ng	0.00
7) Phenol-d6	6.62	99	730397	84.23	ng	0.00
23) Nitrobenzene-d5	7.56	82	477604	56.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	222858	93.85	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	897524	60.53	ng	-0.01
78) Terphenyl-d14	13.12	244	861122	74.46	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	211227	12.737	ng	98

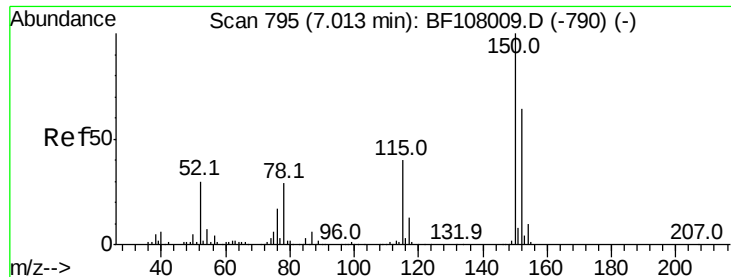
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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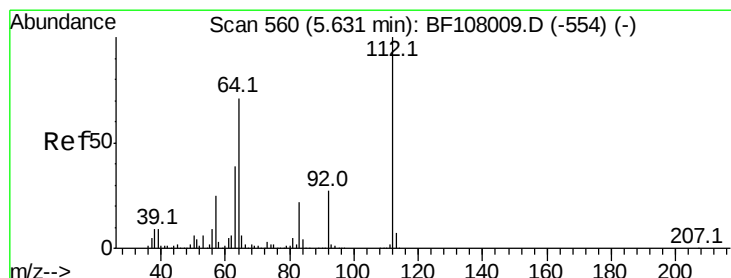
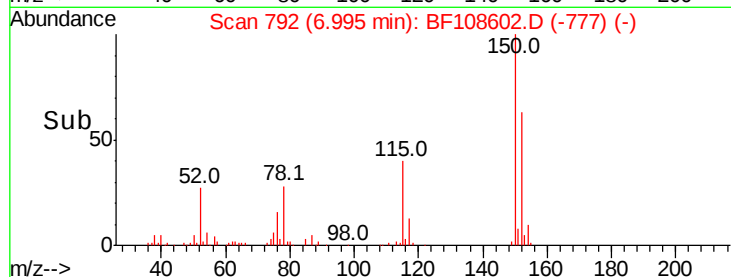
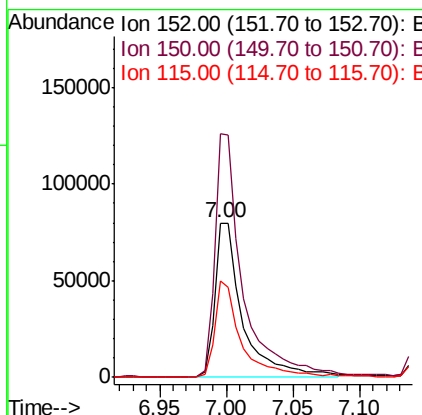
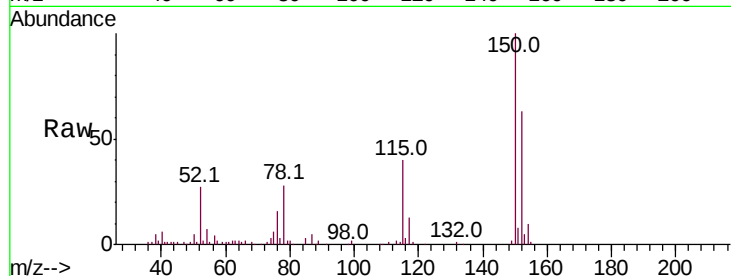


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Instrument :
BNA_F
ClientSampleId :
SB-4-@-8-FT

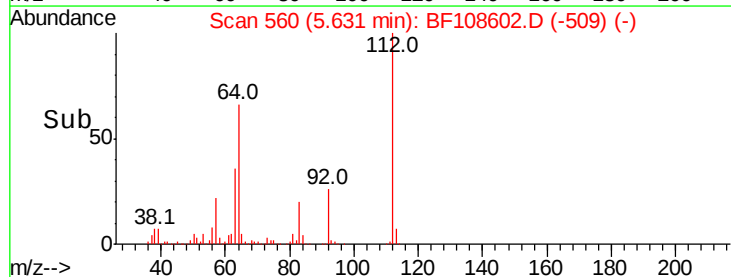
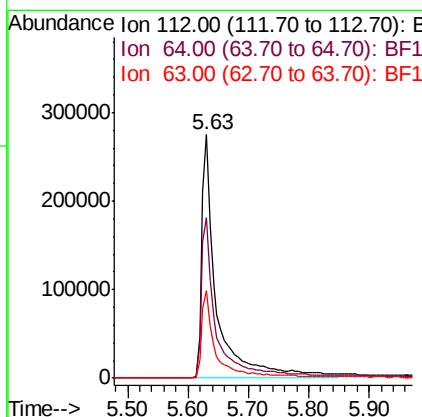
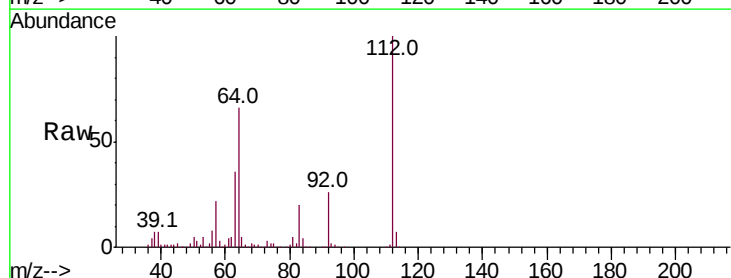
Tot Ion:152 Resp: 118134
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.4 50.1 75.1

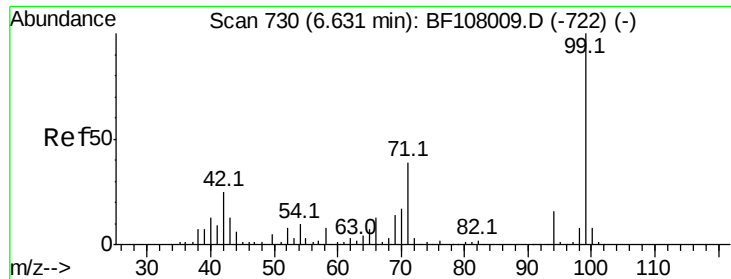


#5

2-Fluorophenol
Concen: 73.716 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Tgt Ion:112 Resp: 481006
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 35.8 23.7 35.5#





#7

Phenol-d6

Concen: 84.235 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108602.D

Acq: 29 Aug 2018 14:11

Instrument :

BNA_F

ClientSampleId :

SB-4-@-8-FT

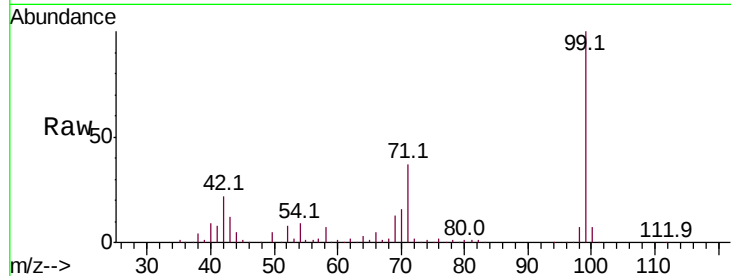
Tot Ion: 99 Resp: 730397

Ion Ratio Lower Upper

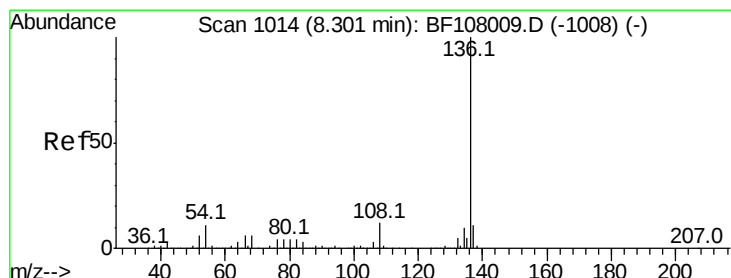
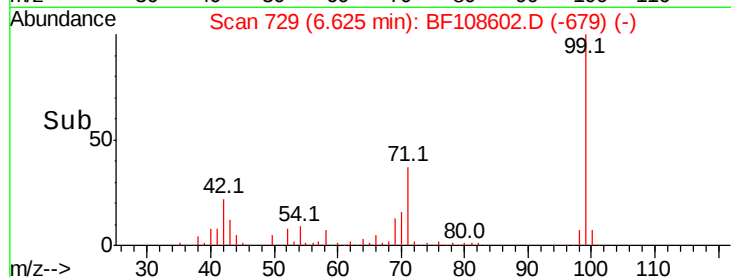
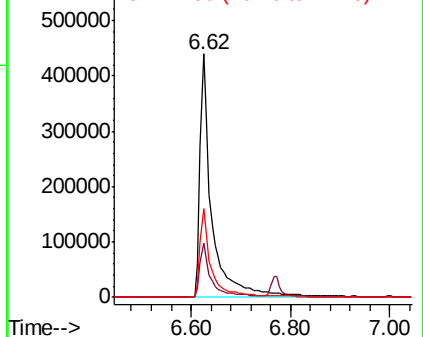
99 100

42 22.5 14.5 21.7#

71 36.5 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: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF108602.D

Acq: 29 Aug 2018 14:11

Tgt Ion: 136 Resp: 473910

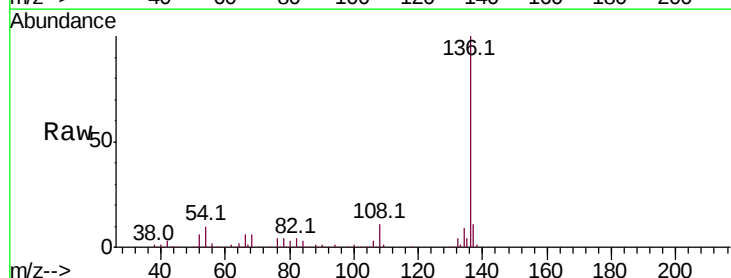
Ion Ratio Lower Upper

136 100

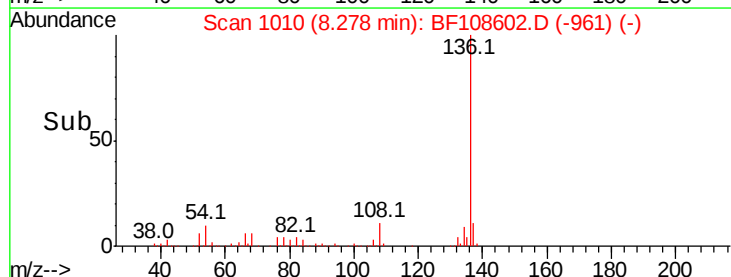
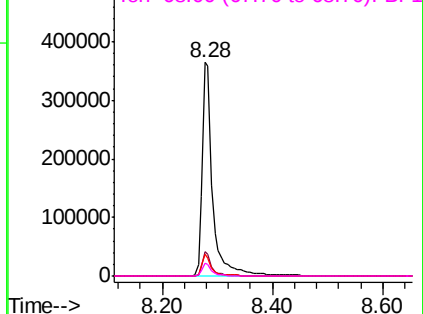
137 11.5 8.9 13.3

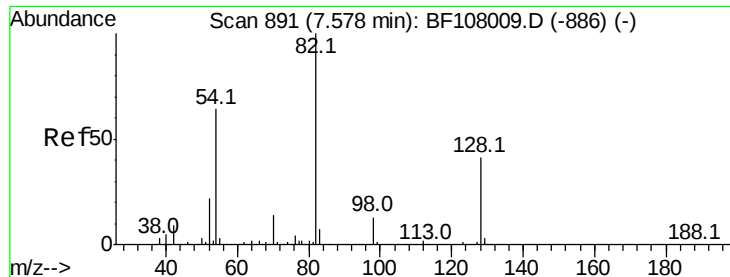
54 10.5 6.6 9.8#

68 6.0 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

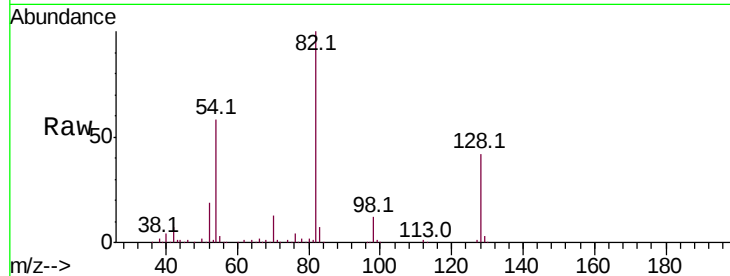




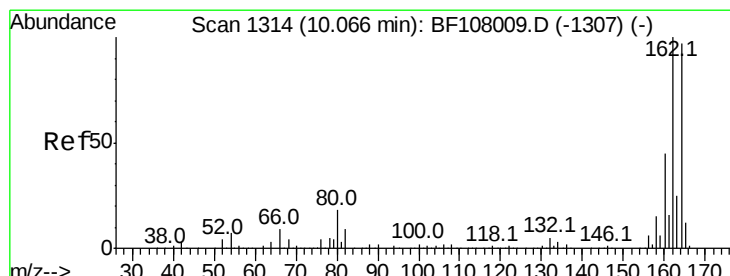
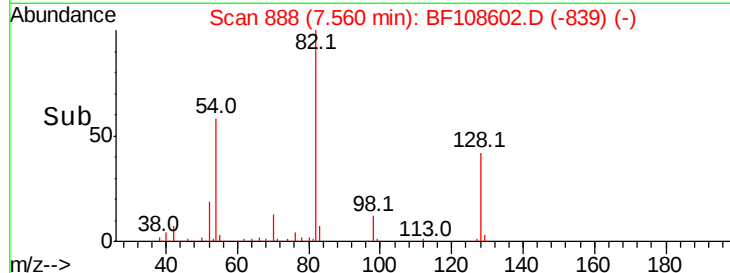
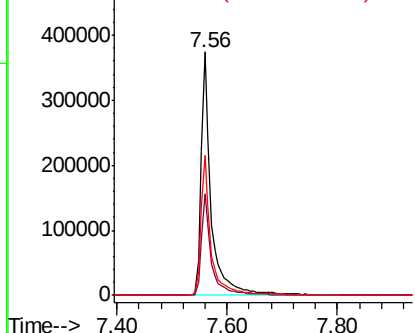
#23
 Nitrobenzene-d5
 Concen: 56.236 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-@-8-FT

Tot Ion: 82 Resp: 477604
 Ion Ratio Lower Upper
 82 100
 128 41.9 36.1 54.1
 54 57.7 41.4 62.2

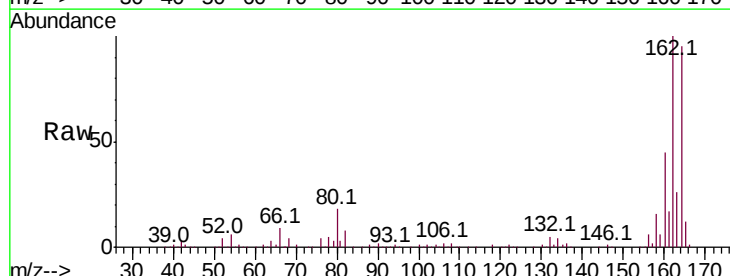


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

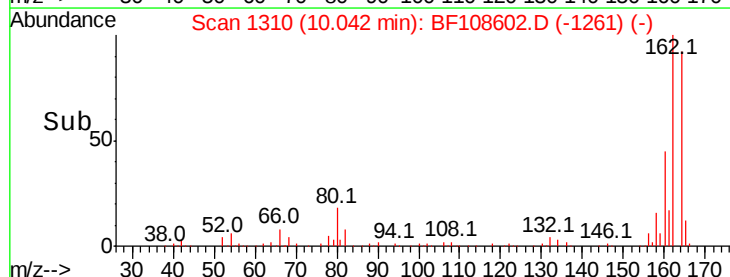
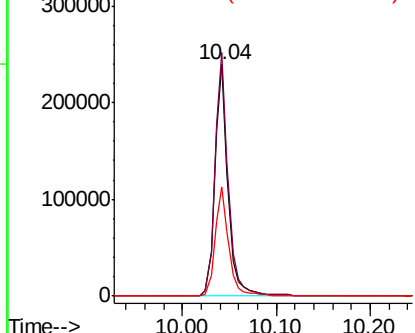


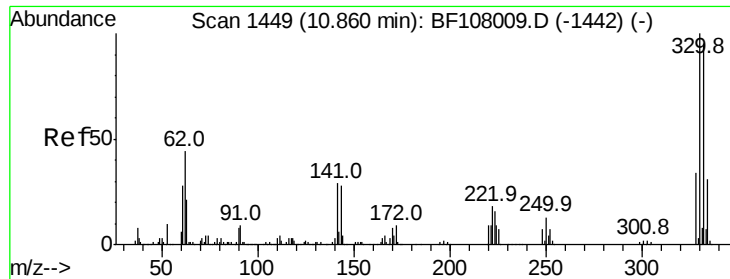
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

Tgt Ion: 164 Resp: 238069
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.3 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

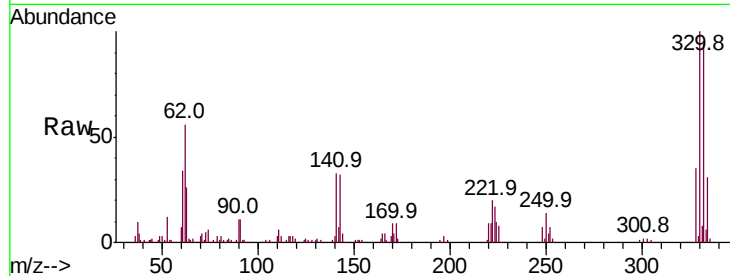




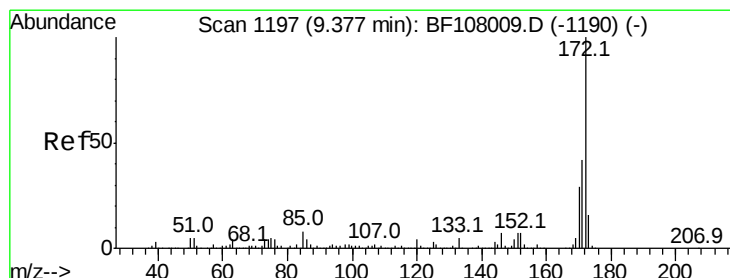
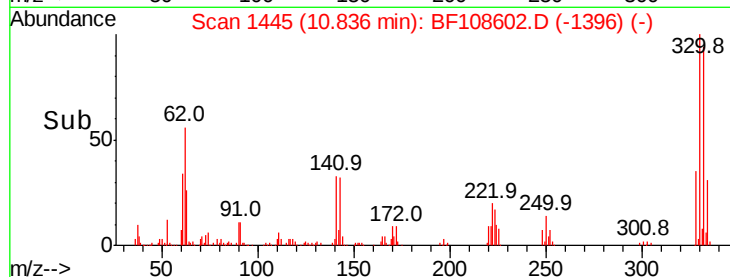
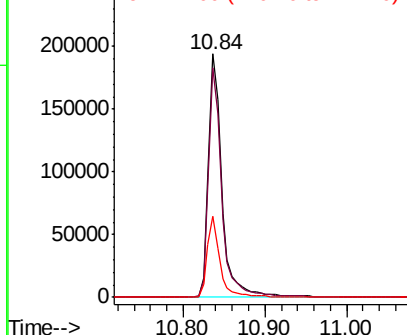
#41
 2,4,6-Tribromophenol
 Concen: 93.848 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-@-8-FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	32.2	29.9	44.9

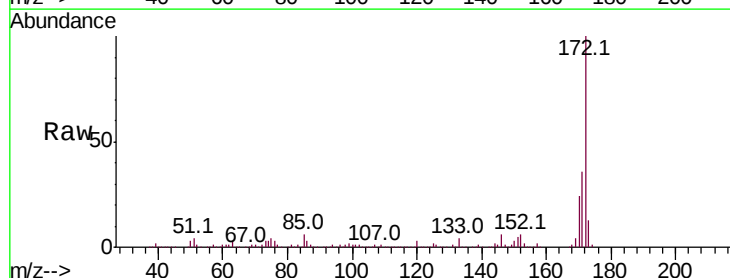


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

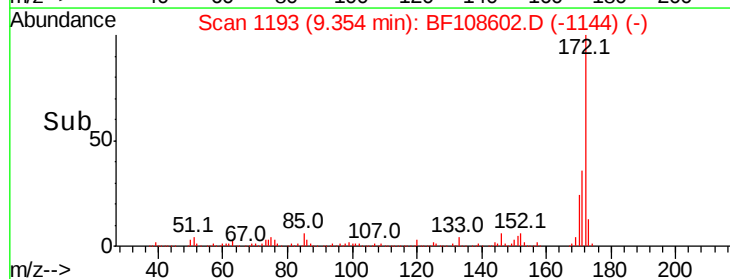
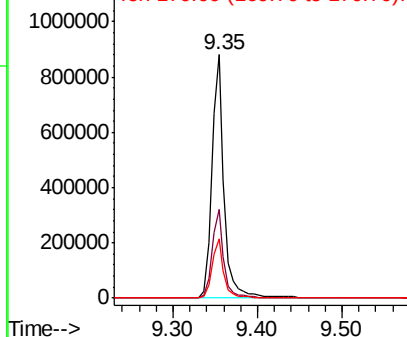


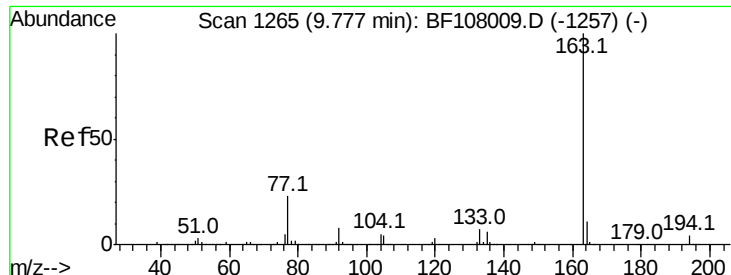
#44
 2-Fluorobiphenyl
 Concen: 60.526 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	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

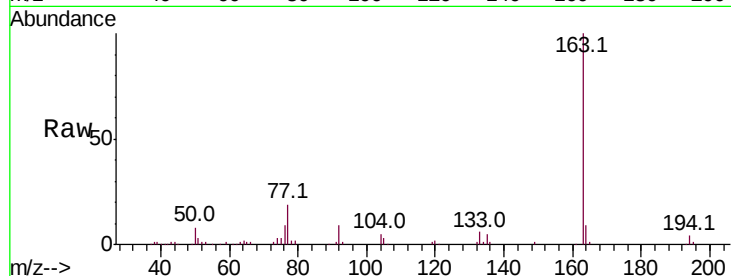




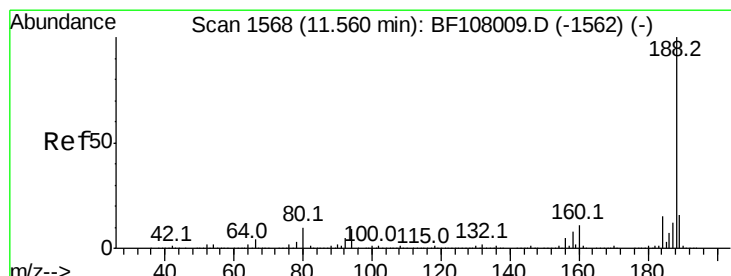
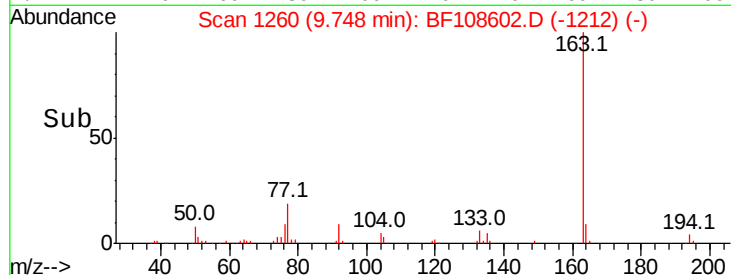
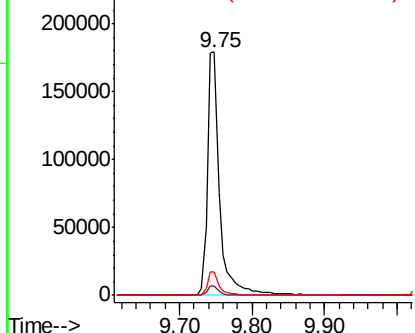
#49
Dimethylphthalate
Concen: 12.737 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Instrument :
BNA_F
ClientSampleId :
SB-4-@-8-FT

Tot Ion:163 Resp: 211227
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.4 8.2 12.2

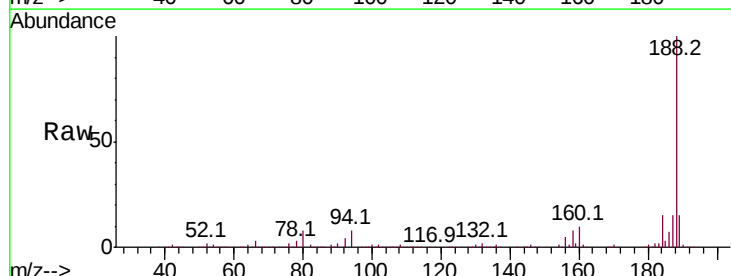


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

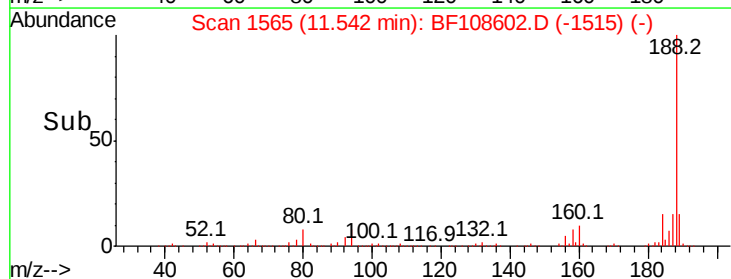
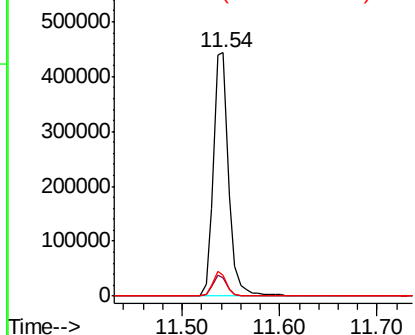


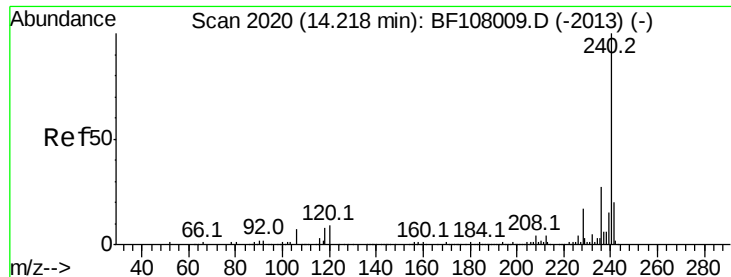
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Tgt Ion:188 Resp: 480825
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 8.4 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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108602.D

Acq: 29 Aug 2018 14:11

Instrument :

BNA_F

ClientSampleId :

SB-4-@-8-FT

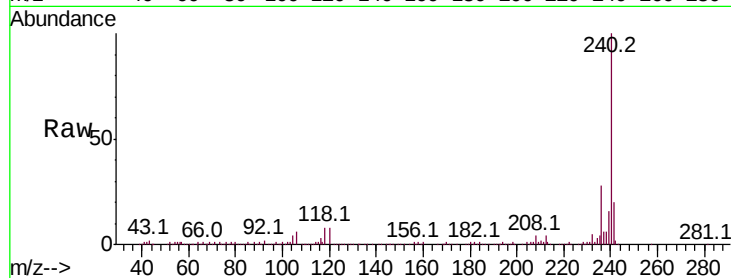
Tot Ion:240 Resp: 294032

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

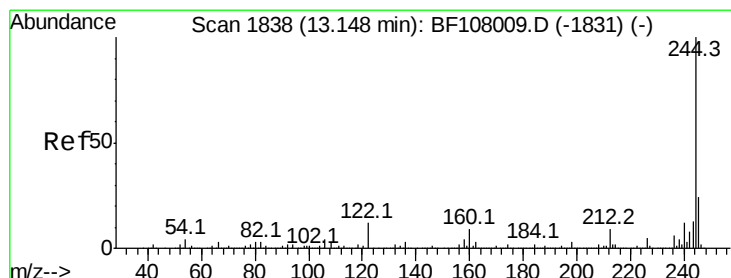
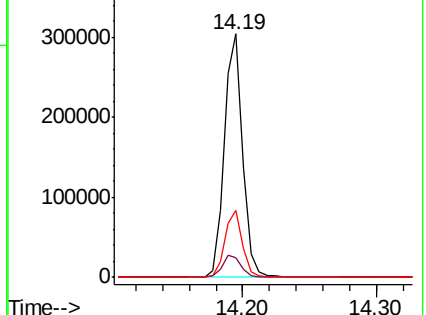
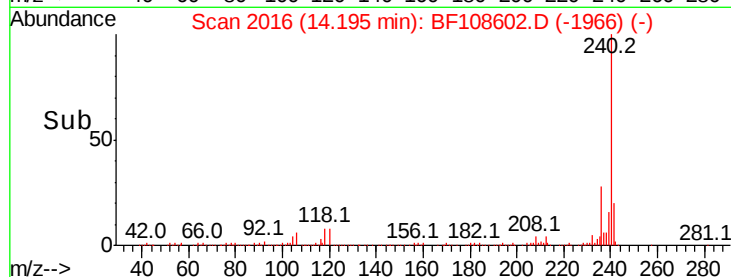
236 27.6 20.7 31.1



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: 74.463 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108602.D

Acq: 29 Aug 2018 14:11

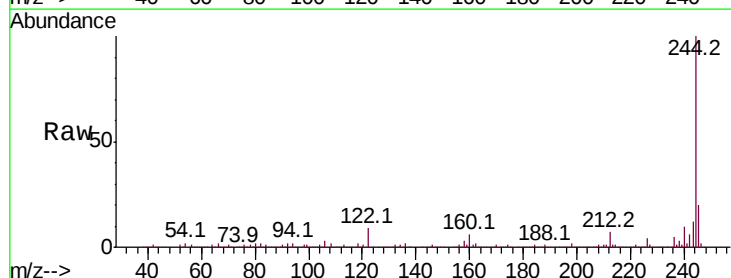
Tgt Ion:244 Resp: 861122

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

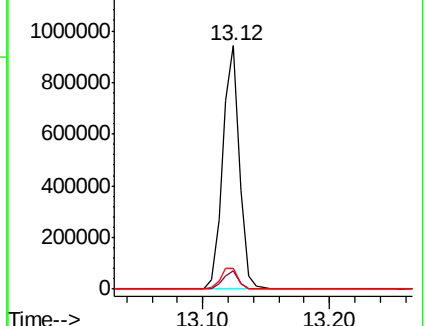
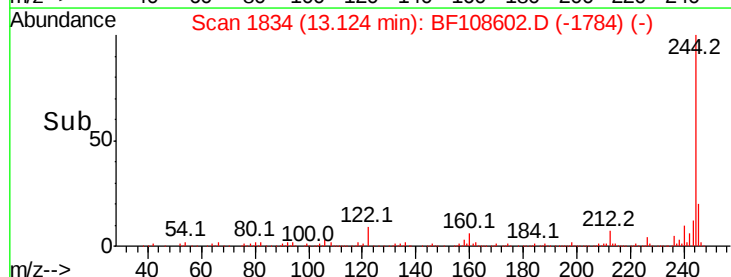
122 8.8 11.0 16.4#

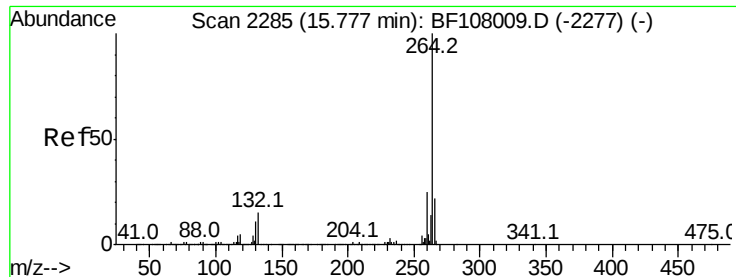


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Instrument :
BNA_F
ClientSampleId :
SB-4-@-8-FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.4	17.5	26.3

