

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108125.D
 Acq On : 13 Aug 2018 19:21
 Operator : JU/SJ
 Sample : J4442-41
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-5

Quant Time: Aug 14 01:56:24 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 08 12:24:24 2018
 Response via : Initial Calibration

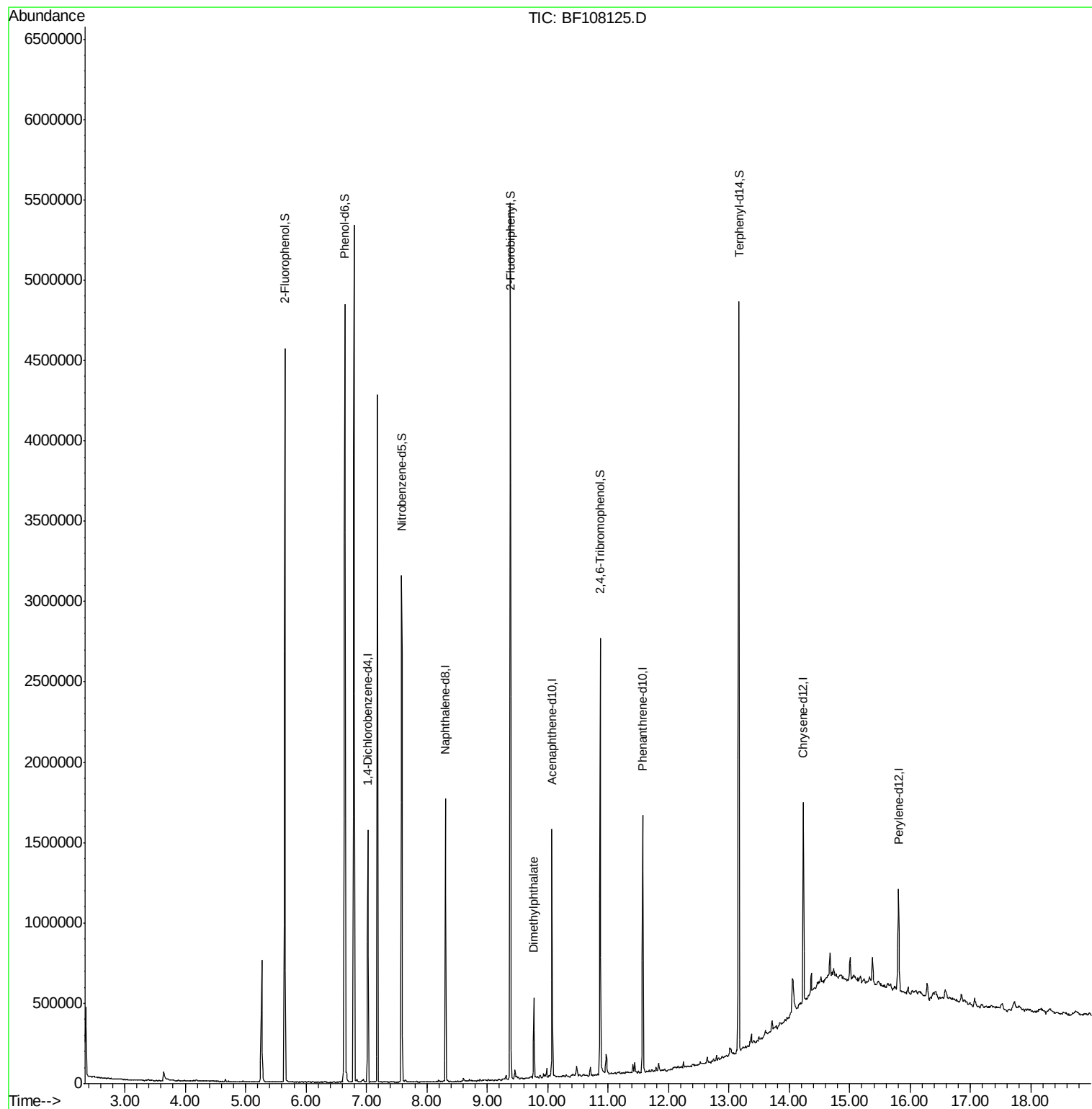
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	200503	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	680680	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	297862	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	565311	20.00	ng	0.01
75) Chrysene-d12	14.23	240	450740	20.00	ng	0.01
86) Perylene-d12	15.81	264	301977	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1232570	111.30	ng	0.02
7) Phenol-d6	6.64	99	1607503	109.23	ng	0.01
23) Nitrobenzene-d5	7.58	82	1002848	82.21	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	342545	115.29	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1560924	84.13	ng	0.00
78) Terphenyl-d14	13.17	244	1603877	90.47	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.77	163	149896	7.224	ng	Qvalue 99

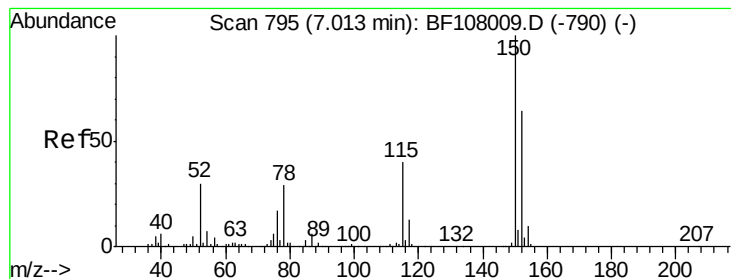
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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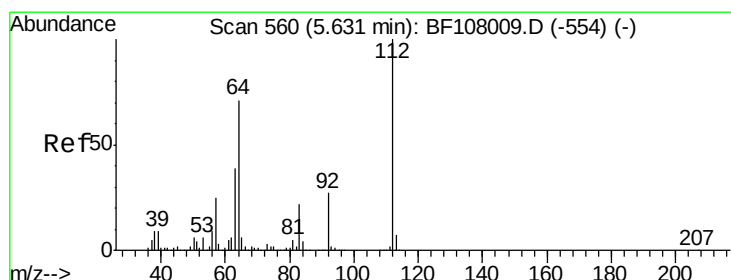
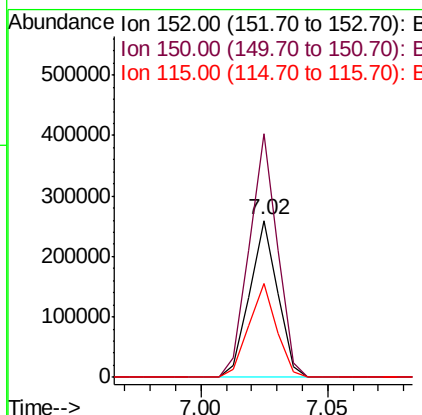
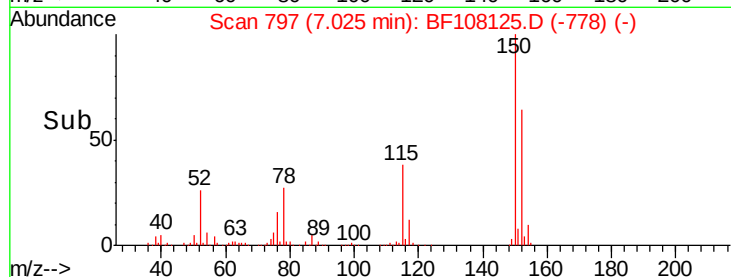
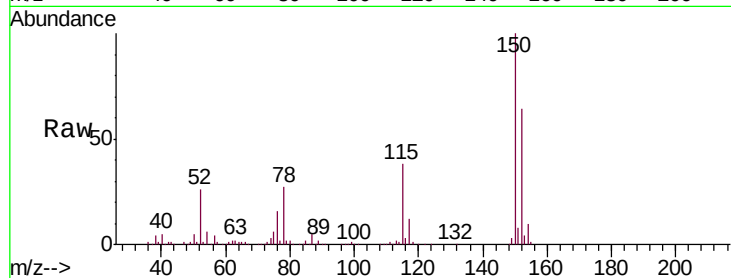


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108125.D
Acq: 13 Aug 2018 19:21

Instrument :
BNA_F
ClientSampleId :
SP-1-5

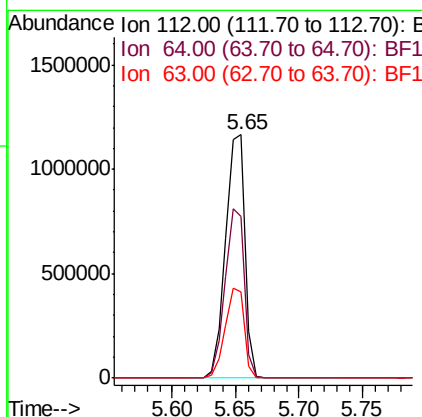
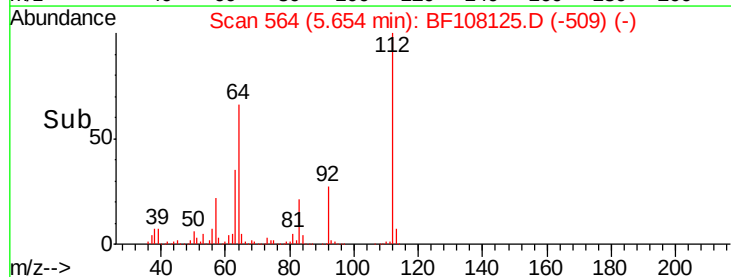
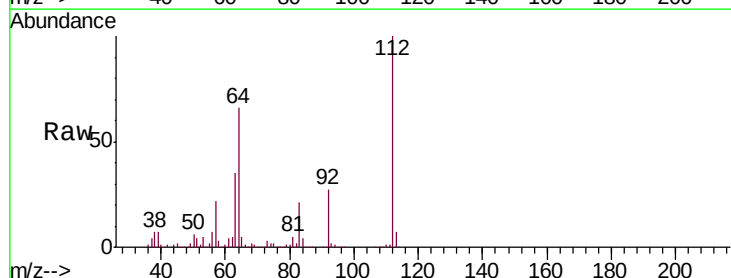
Tgt Ion:152 Resp: 200503
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 59.7 50.1 75.1

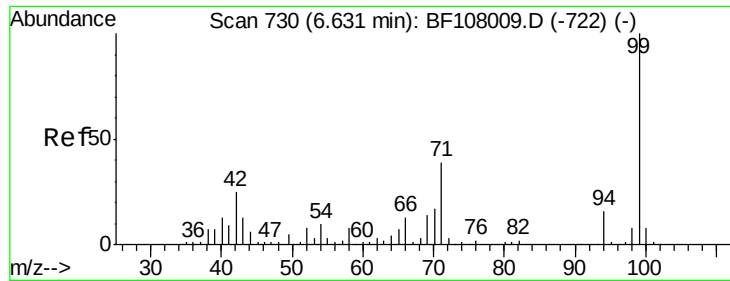


#5

2-Fluorophenol
Concen: 111.296 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108125.D
Acq: 13 Aug 2018 19:21

Tgt Ion:112 Resp: 1232570
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 35.5 23.7 35.5





#7

Phenol-d6

Concen: 109.229 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

Instrument :

BNA_F

ClientSampleId :

SP-1-5

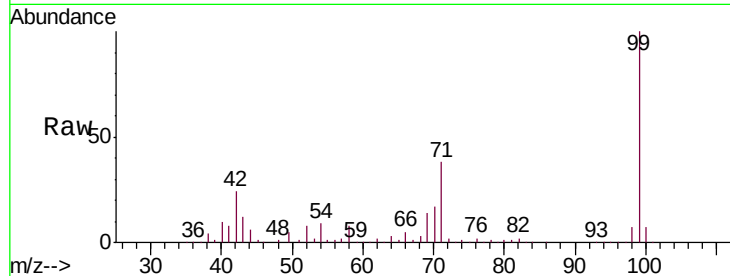
Tgt Ion: 99 Resp: 1607503

Ion Ratio Lower Upper

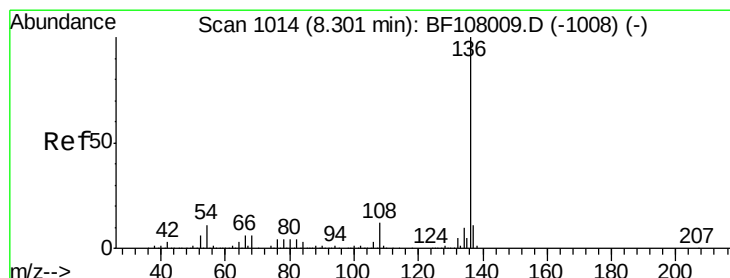
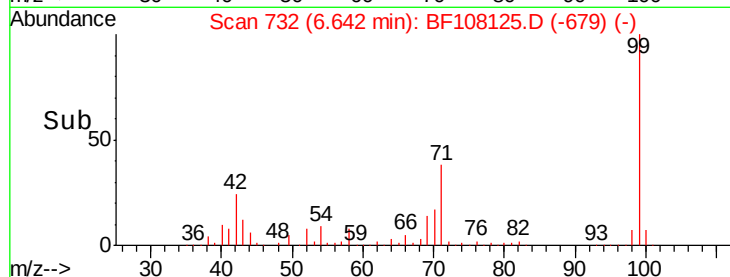
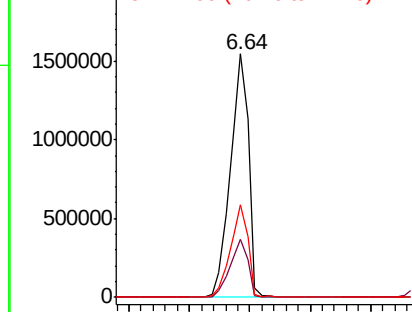
99 100

42 23.9 14.5 21.7#

71 38.1 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: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

Tgt Ion: 136 Resp: 680680

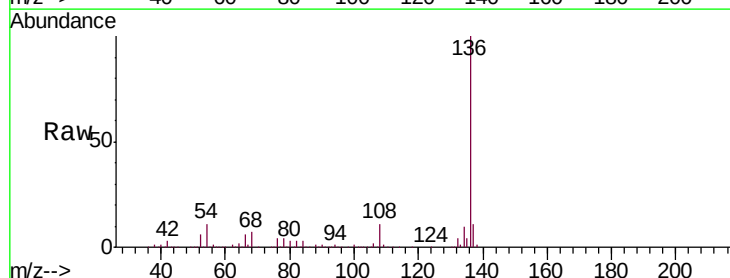
Ion Ratio Lower Upper

136 100

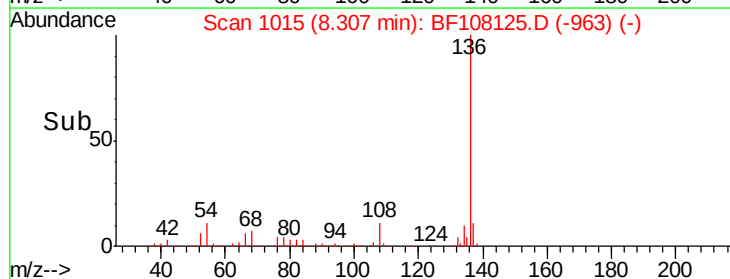
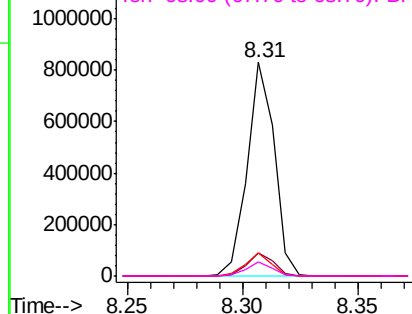
137 11.1 8.9 13.3

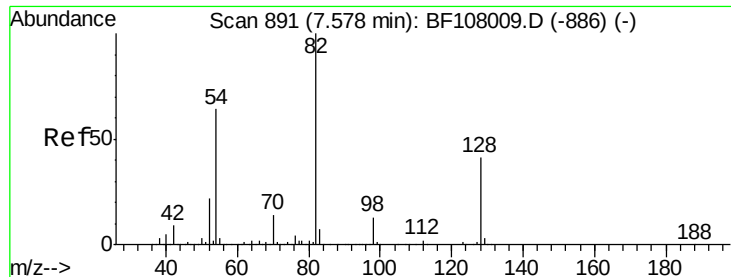
54 10.7 6.6 9.8#

68 6.7 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: 82.212 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

Instrument :

BNA_F

ClientSampled :

SP-1-5

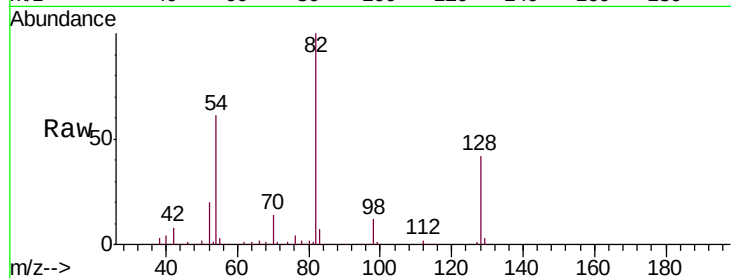
Tgt Ion: 82 Resp: 1002848

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

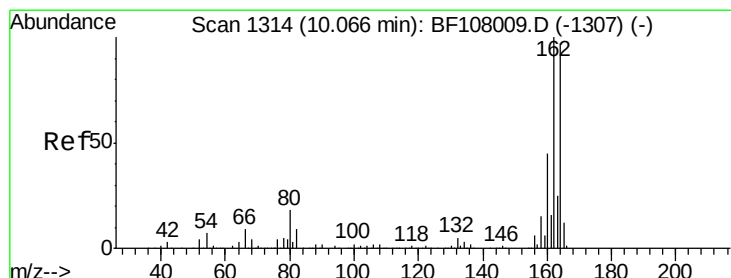
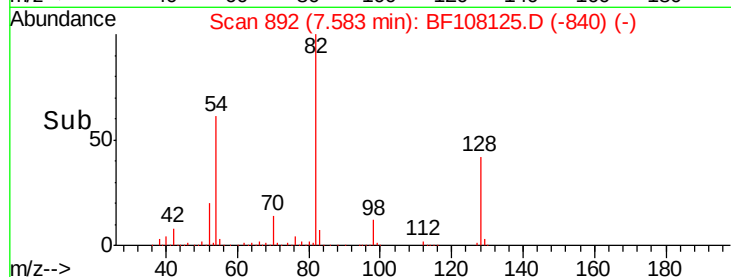
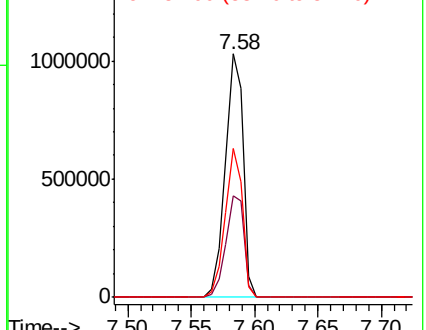
54 61.1 41.4 62.2



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: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

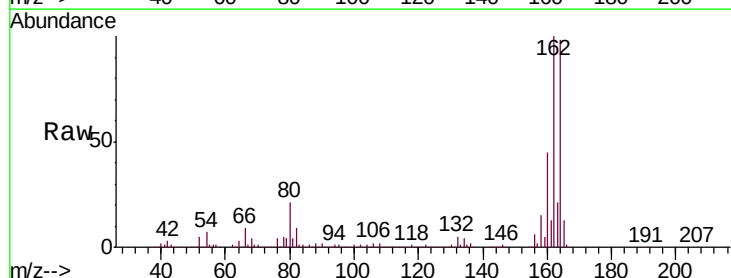
Tgt Ion: 164 Resp: 297862

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

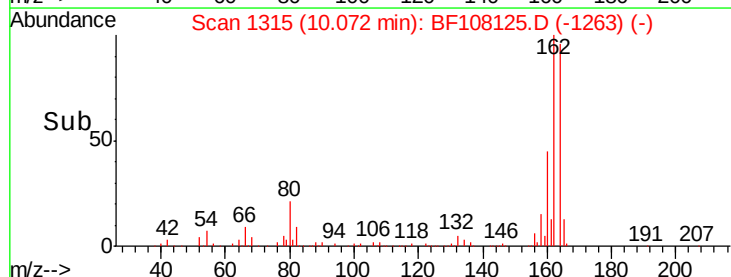
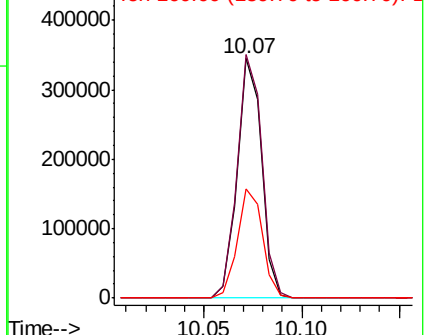
160 45.6 38.3 57.5

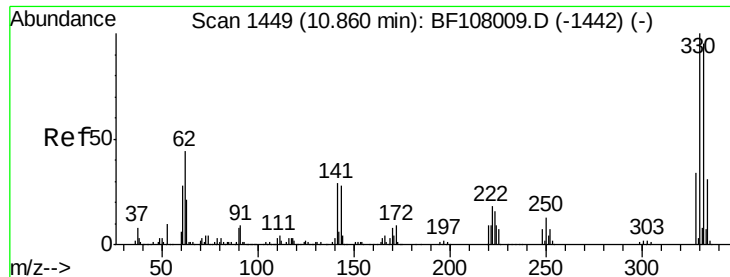


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

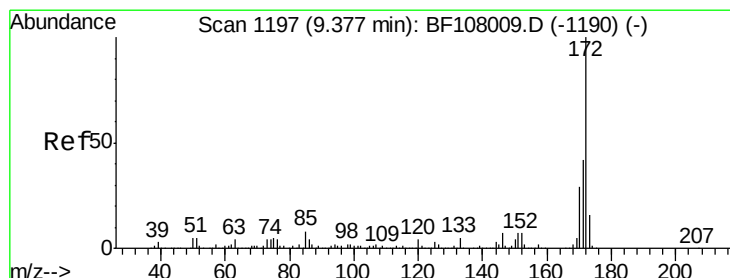
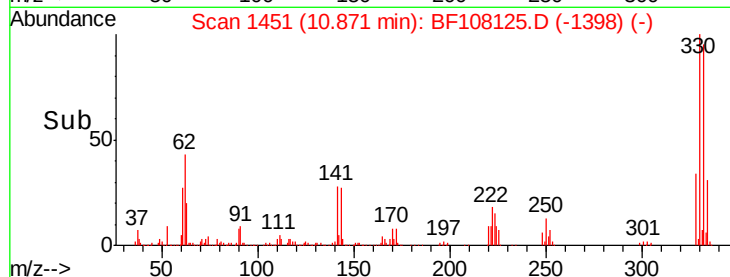
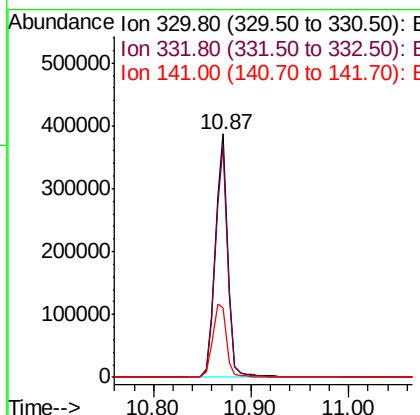
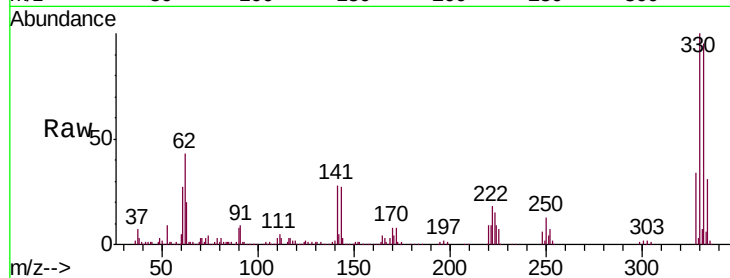




#41
 2,4,6-Tribromophenol
 Concen: 115.292 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108125.D
 Acq: 13 Aug 2018 19:21

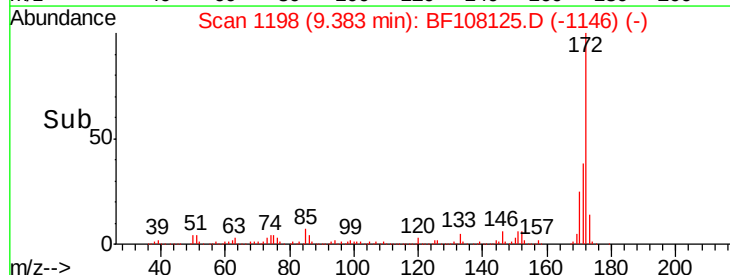
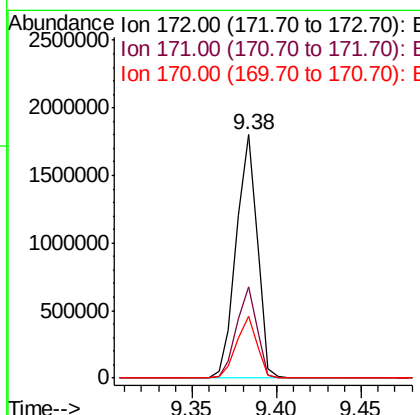
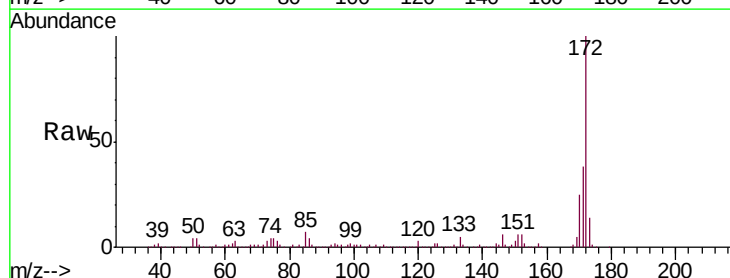
Instrument :
 BNA_F
 ClientSampled :
 SP-1-5

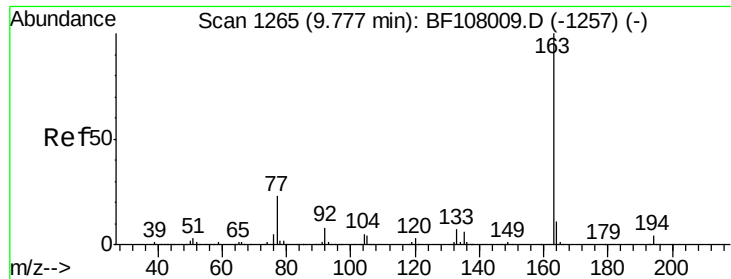
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.133 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108125.D
 Acq: 13 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.4	19.6	29.4





#49

Dimethylphthalate

Concen: 7.224 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

Instrument :

BNA_F

ClientSampled :

SP-1-5

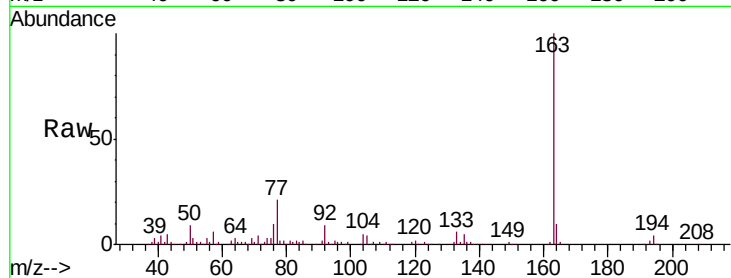
Tgt Ion:163 Resp: 149896

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

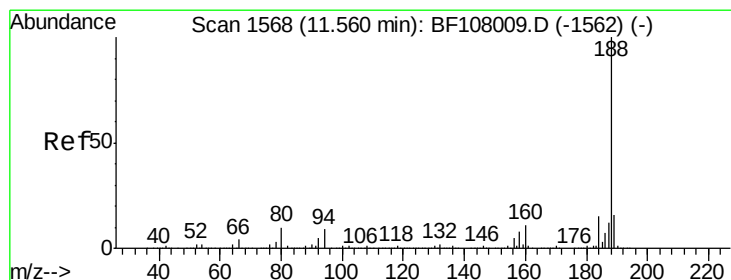
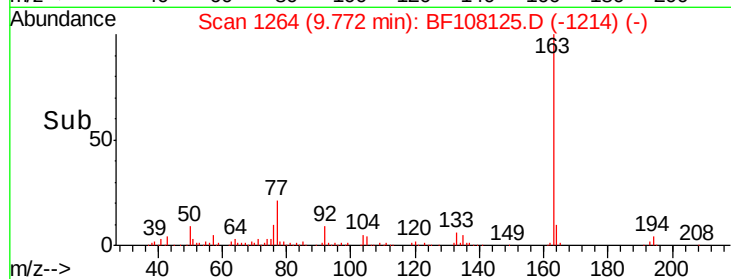
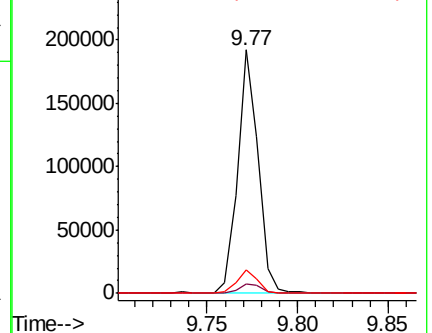
164 9.9 8.2 12.2



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: 11.57 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

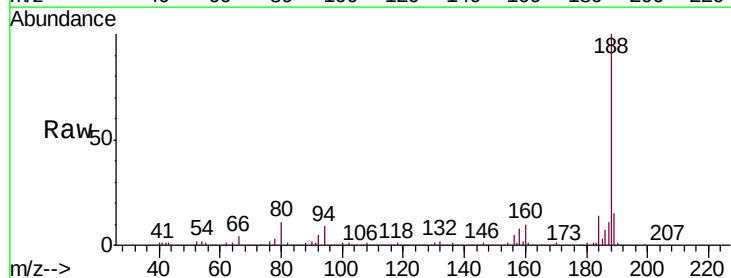
Tgt Ion:188 Resp: 565311

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

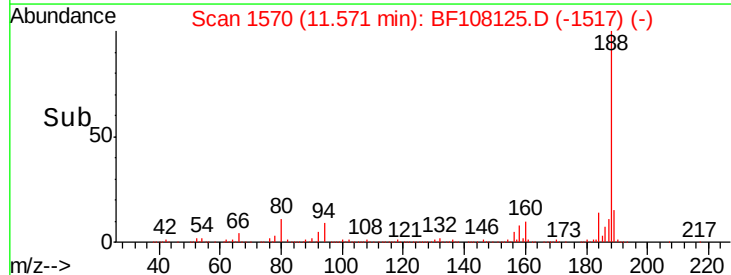
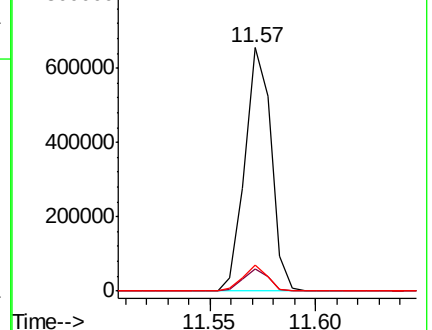
80 10.5 9.2 13.8

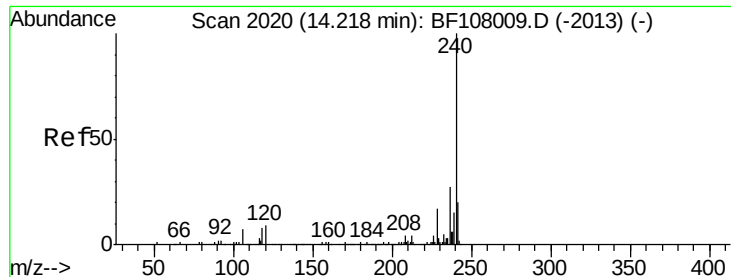


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.23 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

Instrument :

BNA_F

ClientSampleId :

SP-1-5

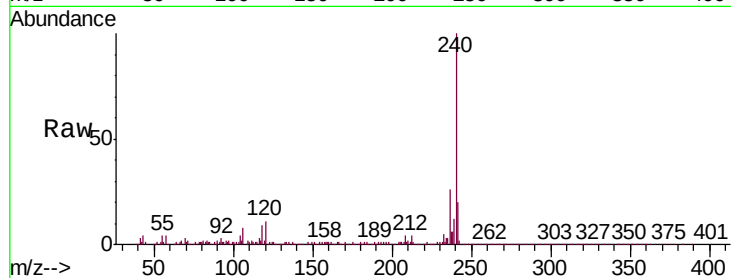
Tgt Ion:240 Resp: 450740

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

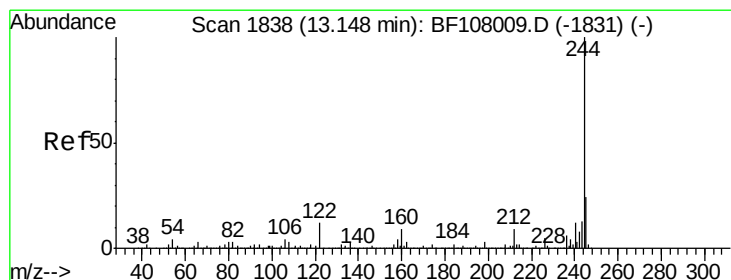
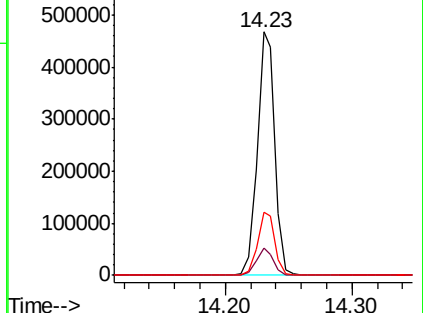
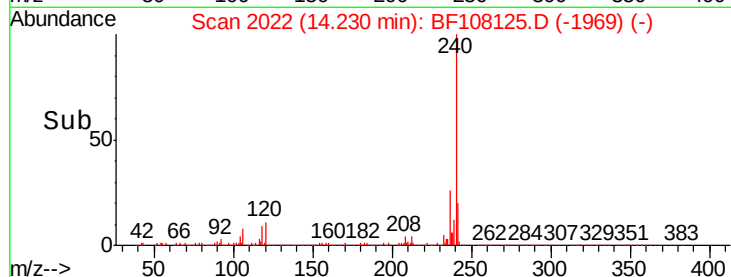
236 25.8 20.7 31.1



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: 90.473 ng

RT: 13.17 min Scan# 1841

Delta R.T. 0.02 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

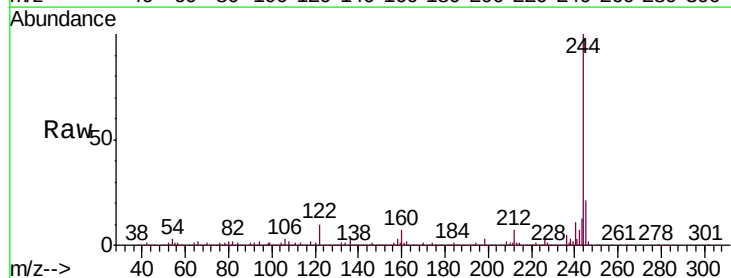
Tgt Ion:244 Resp: 1603877

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

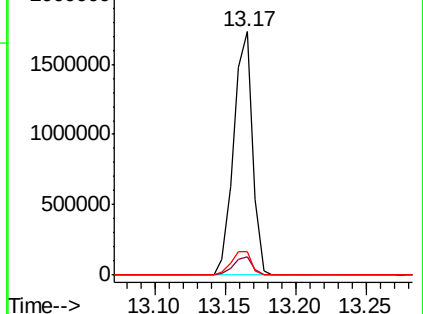
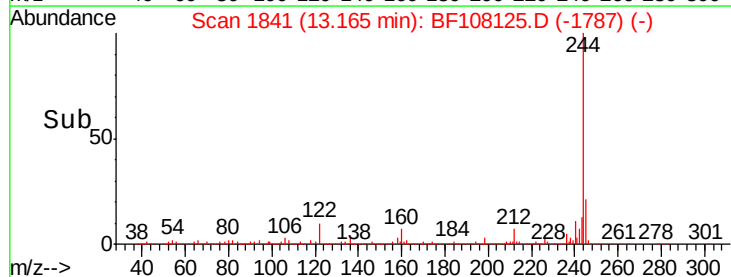
122 9.9 11.0 16.4#

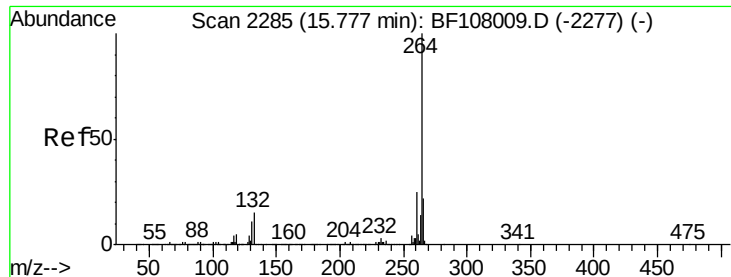


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.81 min Scan# 2291
Delta R.T. 0.04 min
Lab File: BF108125.D
Acq: 13 Aug 2018 19:21

Instrument :
BNA_F
ClientSampleId :
SP-1-5

Tgt Ion: 264 Resp: 301977
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.3 17.5 26.3

