

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108127.D
 Acq On : 13 Aug 2018 20:15
 Operator : JU/SJ
 Sample : J4442-31
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-4

Quant Time: Aug 14 02:00:07 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

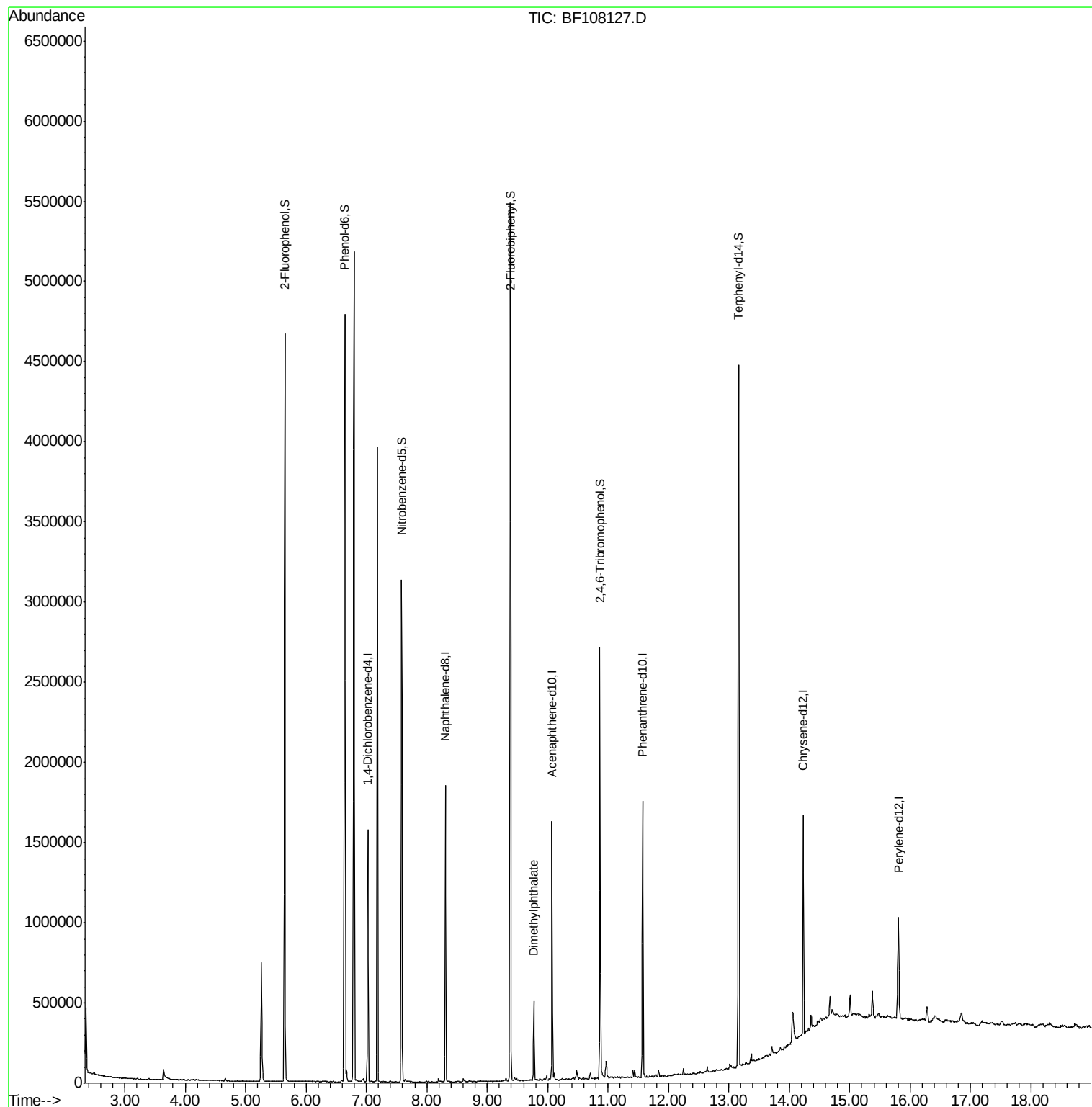
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	204064	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	725921	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	321334	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	586494	20.00	ng	0.01
75) Chrysene-d12	14.23	240	451996	20.00	ng	0.01
86) Perylene-d12	15.81	264	303149	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1180030	104.69	ng	0.02
7) Phenol-d6	6.64	99	1546334	103.24	ng	0.01
23) Nitrobenzene-d5	7.58	82	973023	74.80	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	338058	105.47	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1566263	78.25	ng	0.00
78) Terphenyl-d14	13.16	244	1538835	86.56	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.77	163	160734	7.181	ng	Qvalue 99

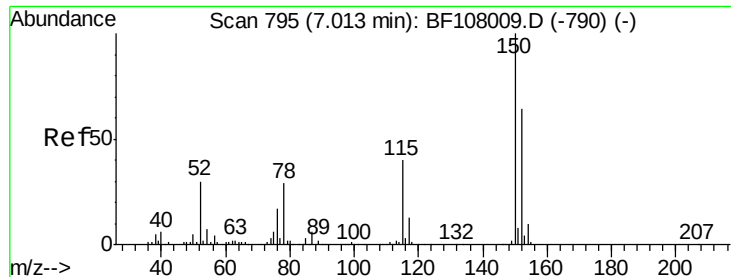
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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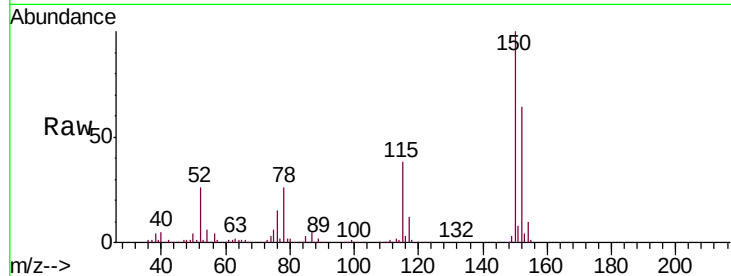


#1

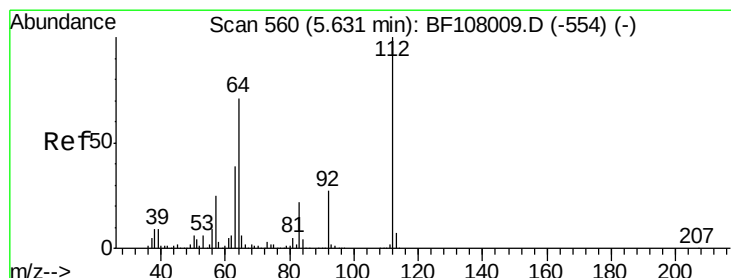
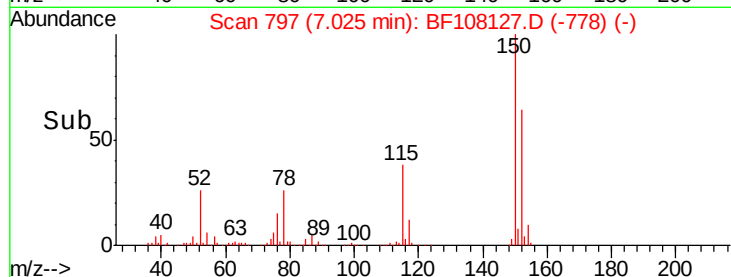
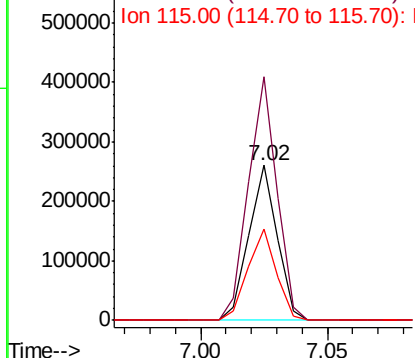
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108127.D
Acq: 13 Aug 2018 20:15

Instrument :
BNA_F
ClientSampleId :
SP-1-4

Tgt Ion	Resp	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	59.2	50.1	75.1



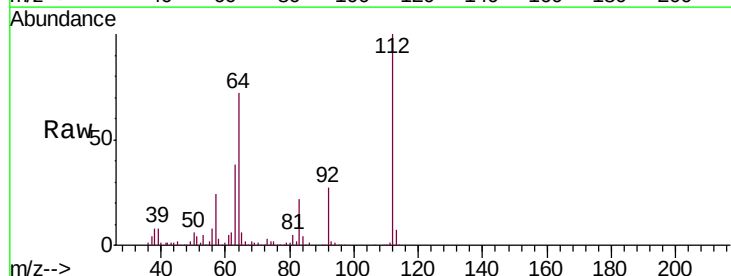
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



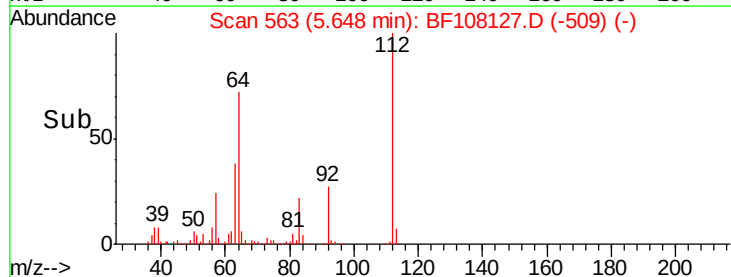
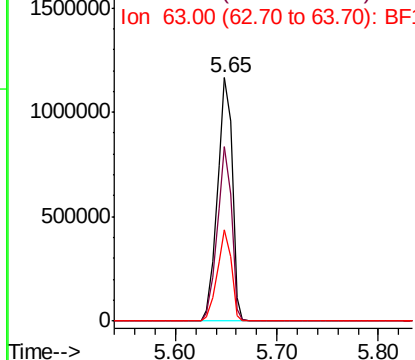
#5

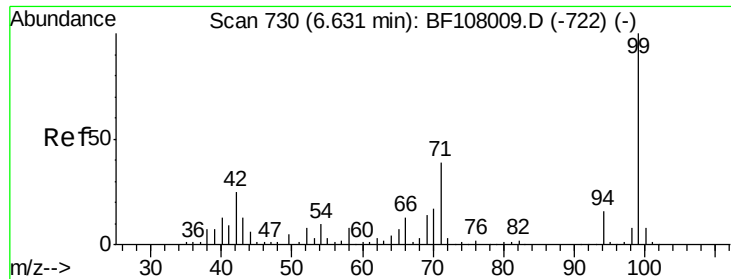
2-Fluorophenol
Concen: 104.692 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108127.D
Acq: 13 Aug 2018 20:15

Tgt Ion	Resp	Lower	Upper
112	100		
64	71.5	47.9	71.9
63	37.7	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: 103.239 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108127.D

Acq: 13 Aug 2018 20:15

Instrument :

BNA_F

ClientSampleId :

SP-1-4

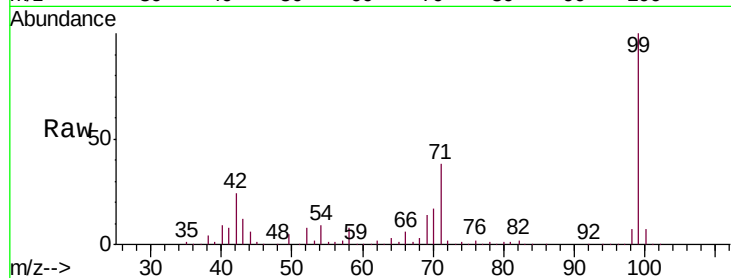
Tgt Ion: 99 Resp: 1546334

Ion Ratio Lower Upper

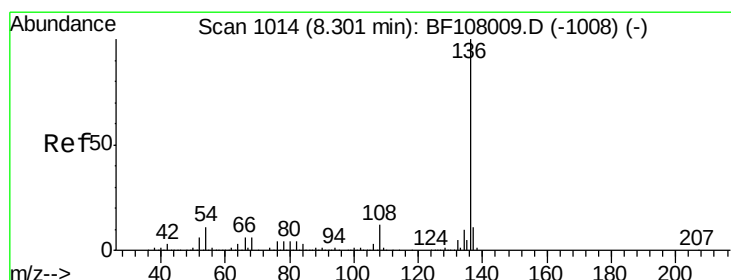
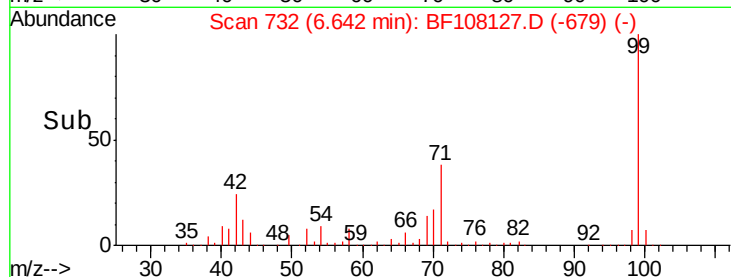
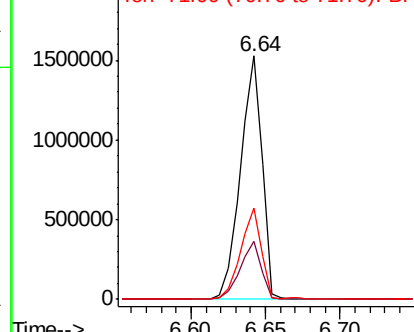
99 100

42 24.1 14.5 21.7#

71 37.6 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: BF108127.D

Acq: 13 Aug 2018 20:15

Tgt Ion: 136 Resp: 725921

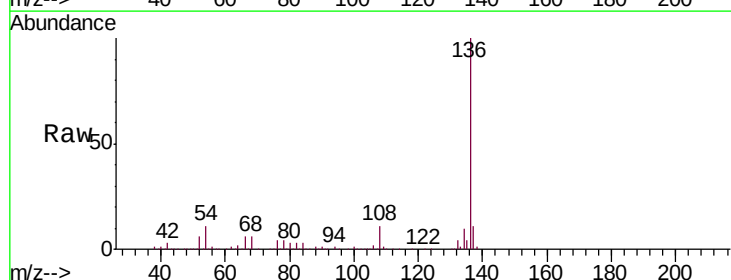
Ion Ratio Lower Upper

136 100

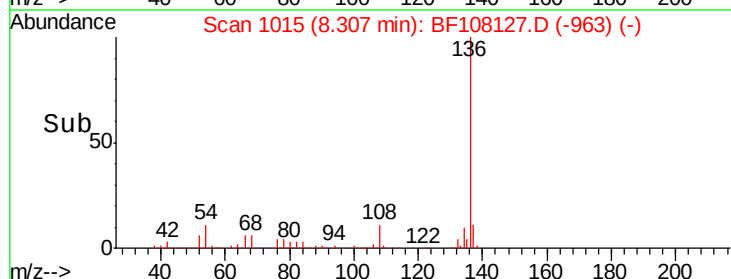
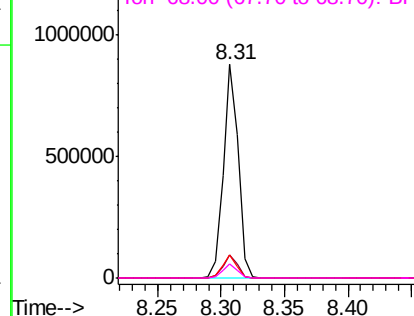
137 11.0 8.9 13.3

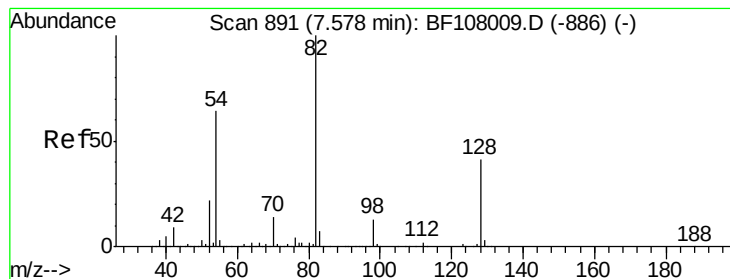
54 10.7 6.6 9.8#

68 6.5 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: 74.796 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF108127.D

Acq: 13 Aug 2018 20:15

Instrument :

BNA_F

ClientSampleId :

SP-1-4

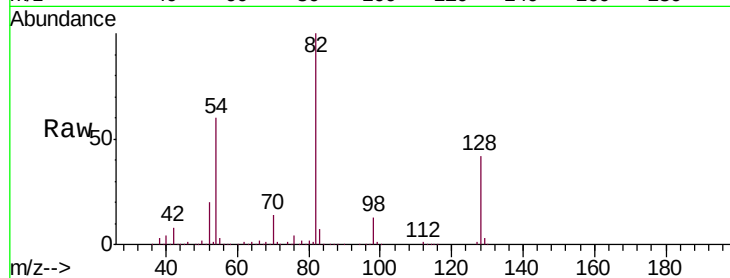
Tgt Ion: 82 Resp: 973023

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

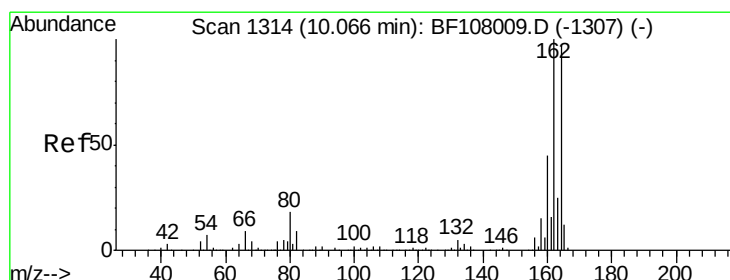
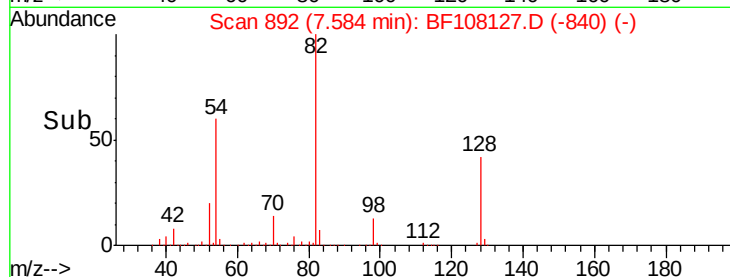
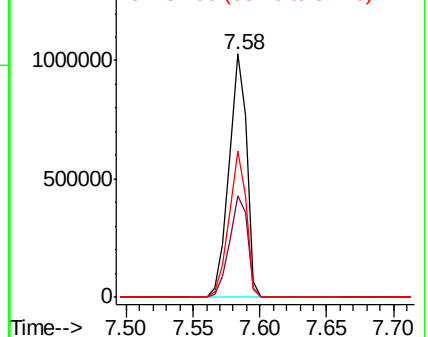
54 59.9 41.4 62.2



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: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF108127.D

Acq: 13 Aug 2018 20:15

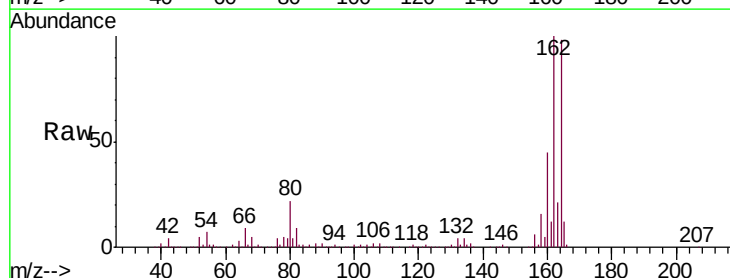
Tgt Ion: 164 Resp: 321334

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

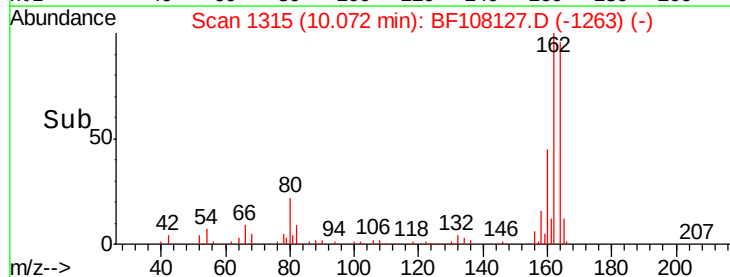
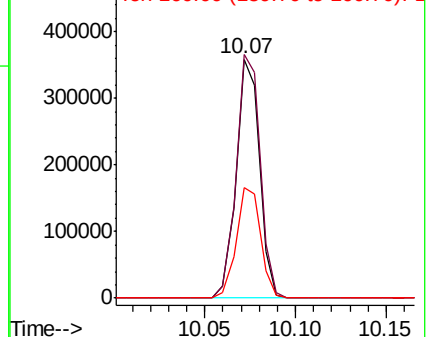
160 46.2 38.3 57.5

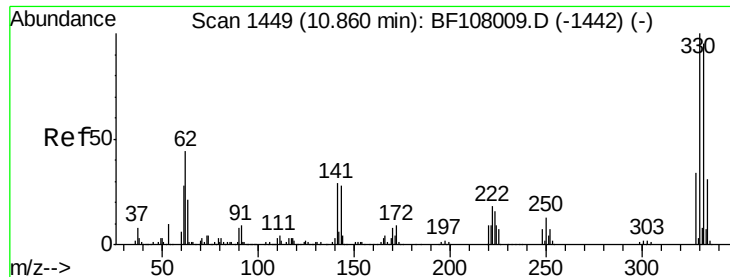


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

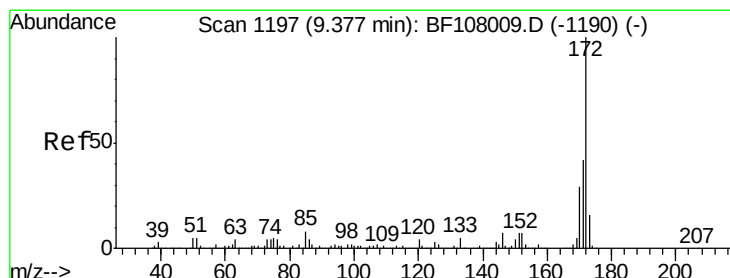
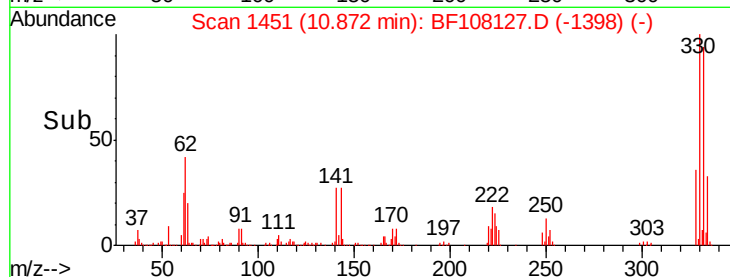
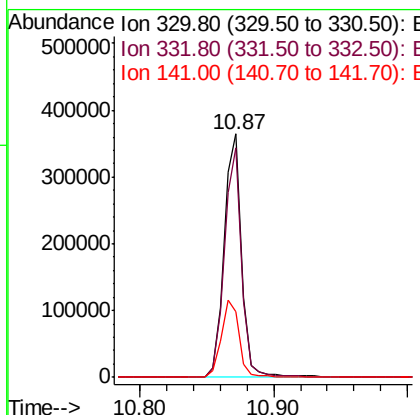
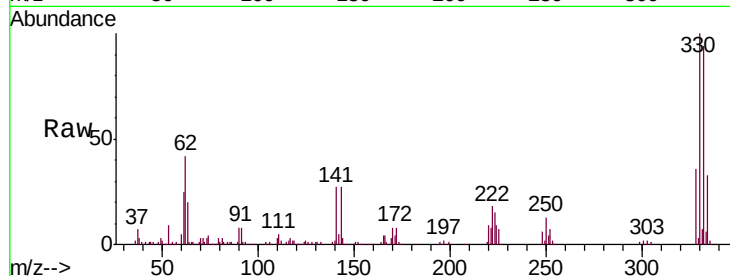




#41
 2,4,6-Tribromophenol
 Concen: 105.471 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108127.D
 Acq: 13 Aug 2018 20:15

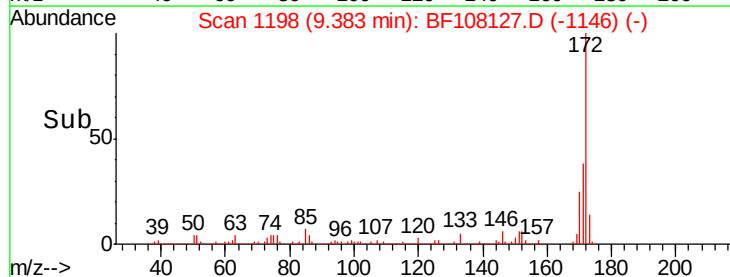
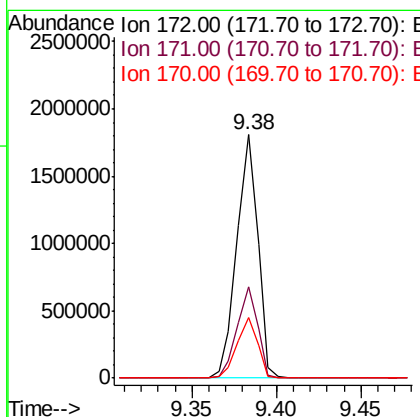
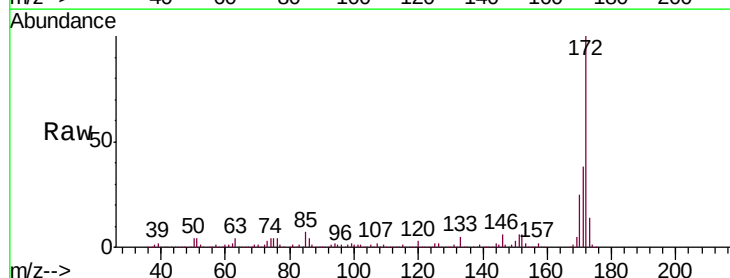
Instrument :
 BNA_F
 ClientSampled :
 SP-1-4

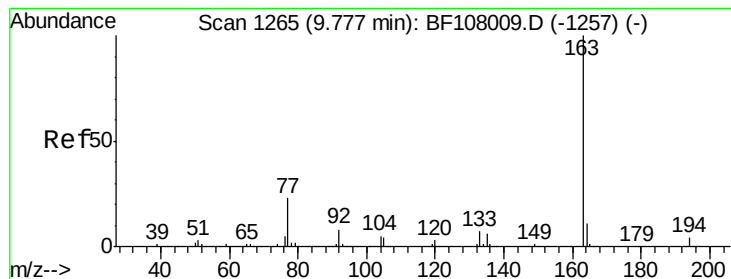
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	32.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 78.255 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108127.D
 Acq: 13 Aug 2018 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.1	19.6	29.4





#49

Dimethylphthalate

Concen: 7.181 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF108127.D

Acq: 13 Aug 2018 20:15

Instrument :

BNA_F

ClientSampled :

SP-1-4

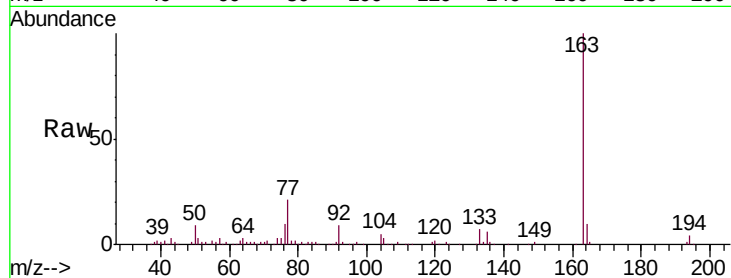
Tgt Ion:163 Resp: 160734

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

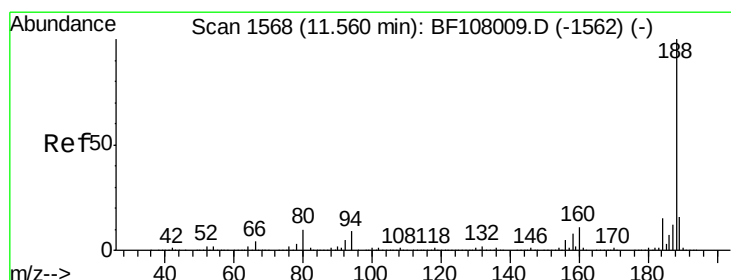
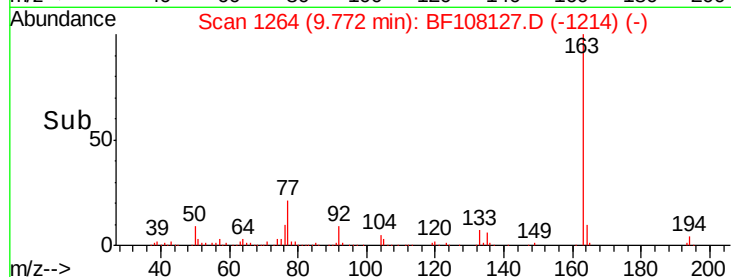
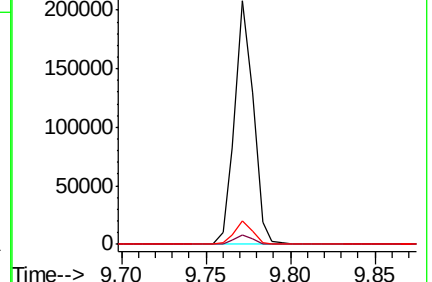
164 9.8 8.2 12.2



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: BF108127.D

Acq: 13 Aug 2018 20:15

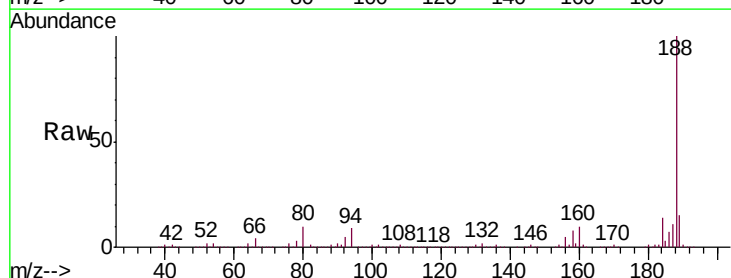
Tgt Ion:188 Resp: 586494

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

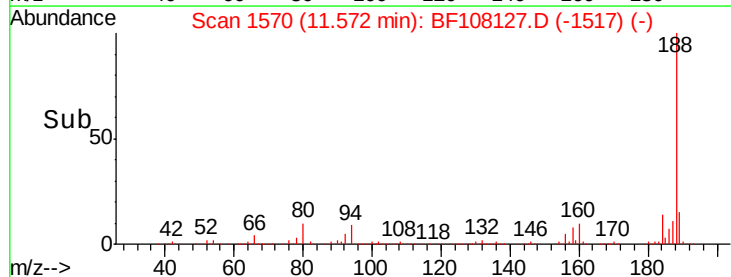
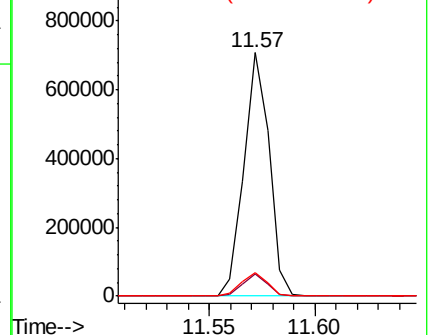
80 9.8 9.2 13.8

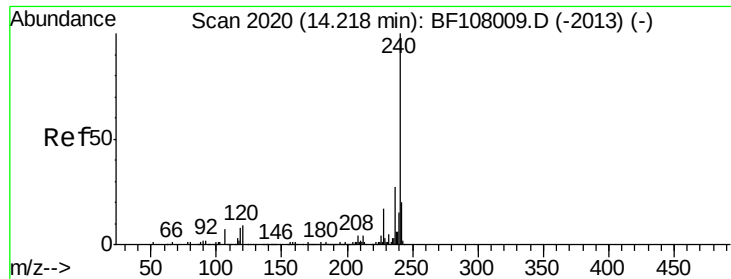


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF108127.D

Acq: 13 Aug 2018 20:15

Instrument :

BNA_F

ClientSampleId :

SP-1-4

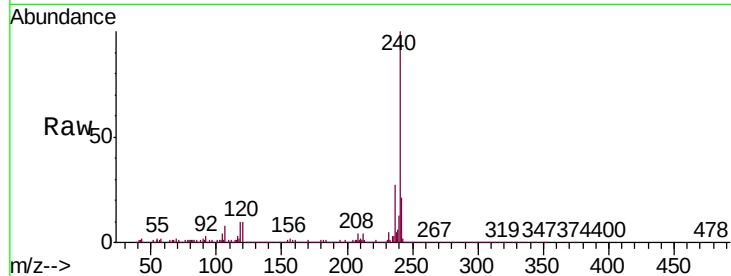
Tgt Ion:240 Resp: 451996

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

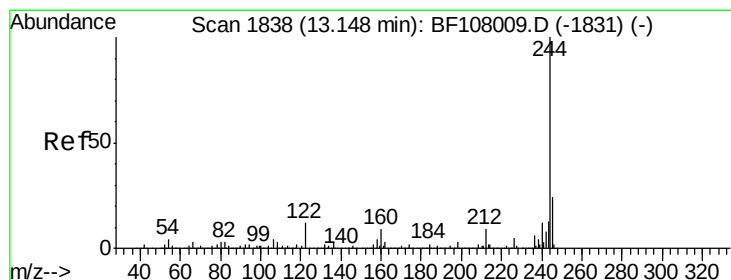
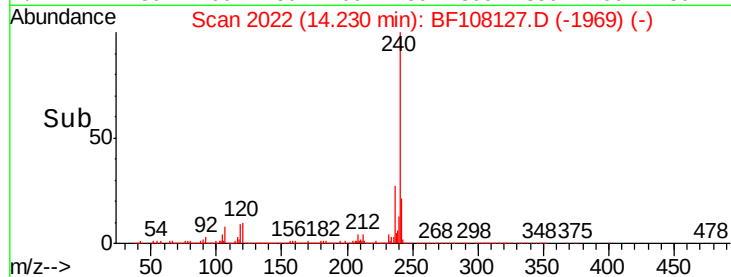
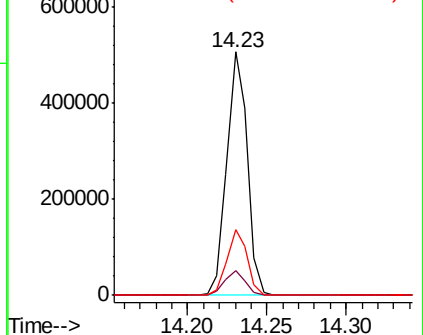
236 27.1 20.7 31.1



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: 86.563 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108127.D

Acq: 13 Aug 2018 20:15

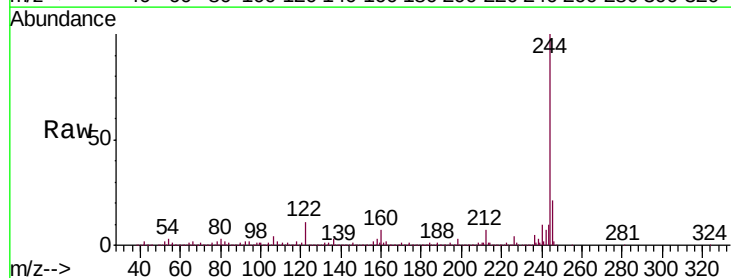
Tgt Ion:244 Resp: 1538835

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

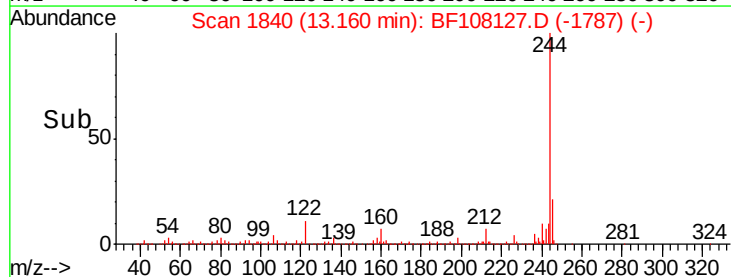
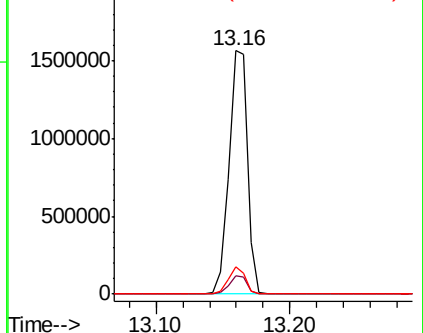
122 11.2 11.0 16.4

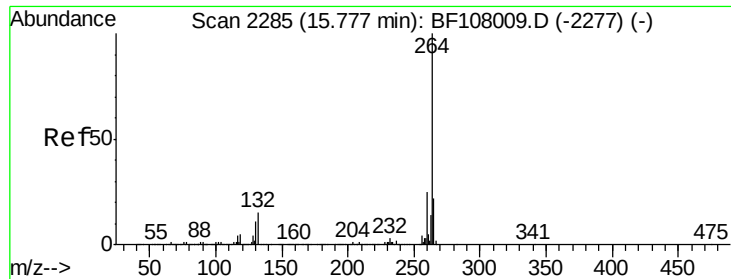


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2290
Delta R.T. 0.03 min
Lab File: BF108127.D
Acq: 13 Aug 2018 20:15

Instrument :
BNA_F
ClientSampleId :
SP-1-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.5	17.5	26.3

