

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108144.D
 Acq On : 14 Aug 2018 15:00
 Operator : JU/SJ
 Sample : J4447-36
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-10

Quant Time: Aug 14 17:28:35 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

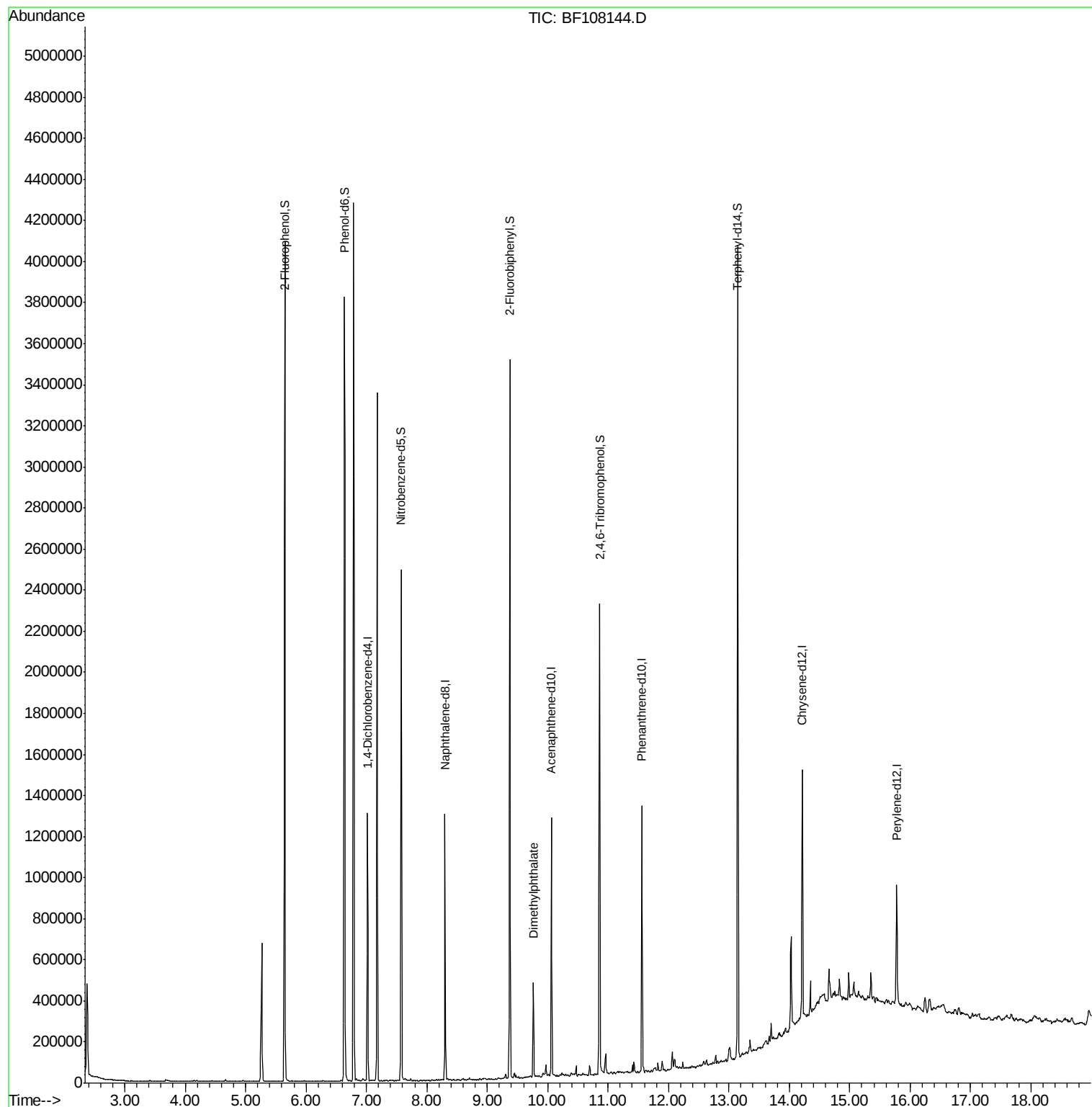
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	163141	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	543323	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	224318	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	438942	20.00	ng	0.00
75) Chrysene-d12	14.22	240	438758	20.00	ng	0.00
86) Perylene-d12	15.78	264	277538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1004419	111.47	ng	0.02
7) Phenol-d6	6.64	99	1284186	107.24	ng	0.00
23) Nitrobenzene-d5	7.58	82	811954	83.39	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	275968	123.34	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1132207	81.03	ng	0.00
78) Terphenyl-d14	13.15	244	1322278	76.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	150142	9.609	ng	Qvalue # 97

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

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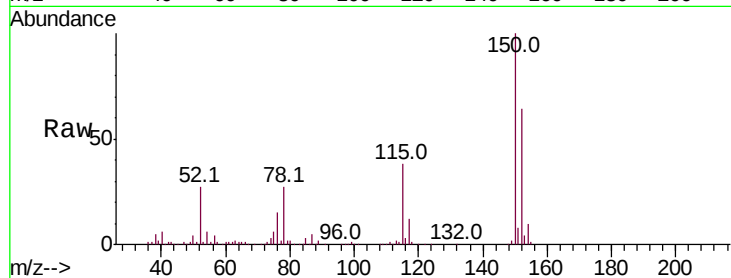


#1

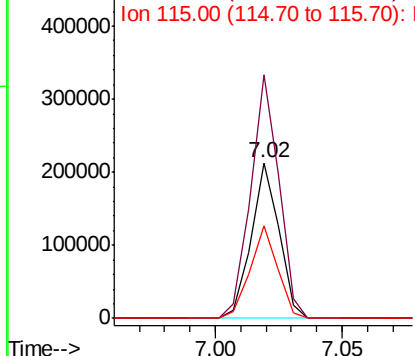
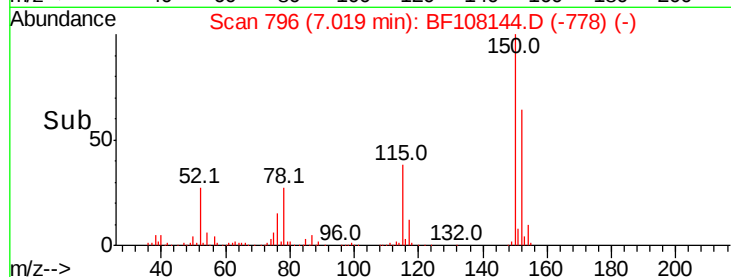
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108144.D
Acq: 14 Aug 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SP-1-10

Tot Ion:152 Resp: 163141
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 59.6 50.1 75.1



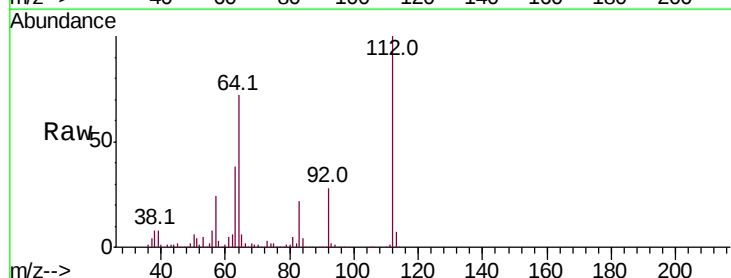
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



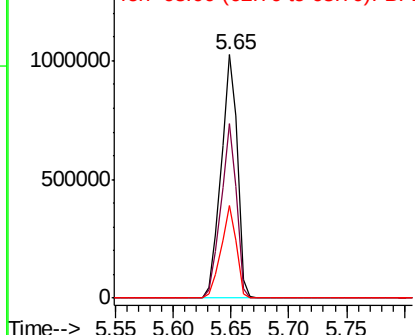
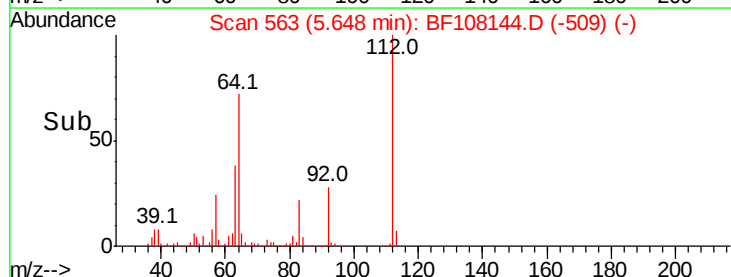
#5

2-Fluorophenol
Concen: 111.465 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108144.D
Acq: 14 Aug 2018 15:00

Tgt Ion:112 Resp: 1004419
Ion Ratio Lower Upper
112 100
64 71.9 47.9 71.9
63 37.8 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: 107.244 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108144.D

Acq: 14 Aug 2018 15:00

Instrument :

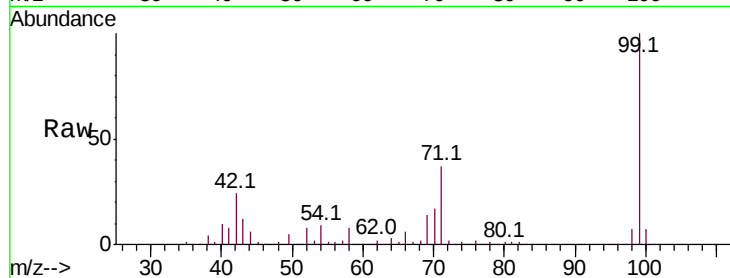
BNA_F

ClientSampleId :

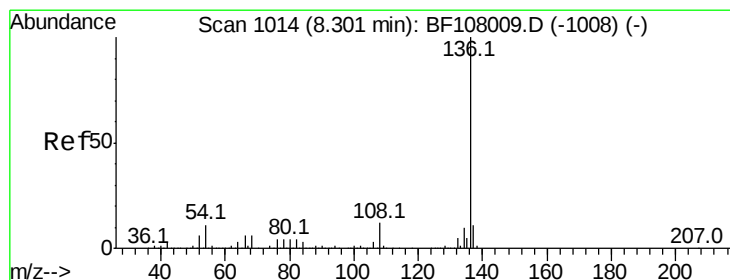
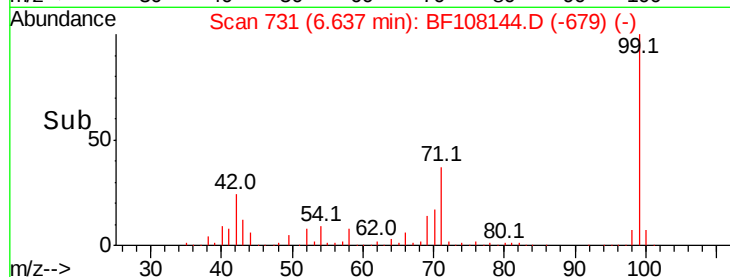
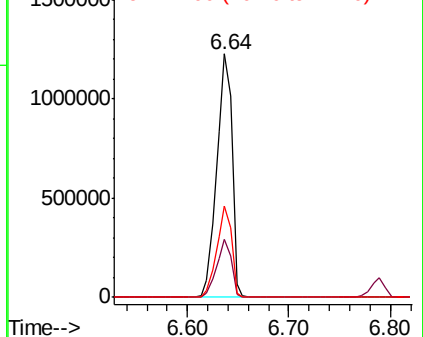
SP-1-10

Tot Ion: 99 Resp: 1284186

Ion	Ratio	Lower	Upper
99	100		
42	23.8	14.5	21.7#
71	37.3	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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

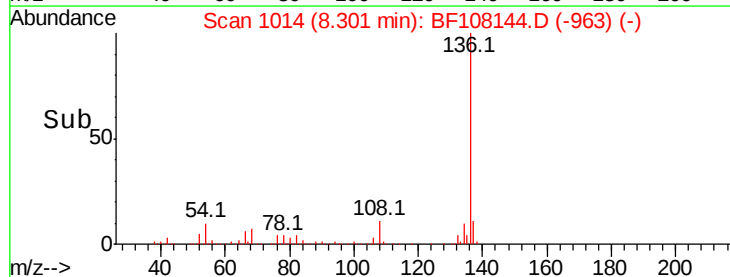
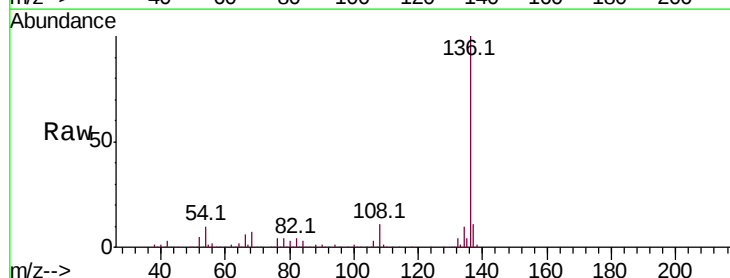
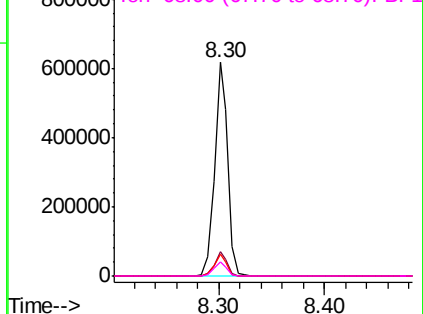
Lab File: BF108144.D

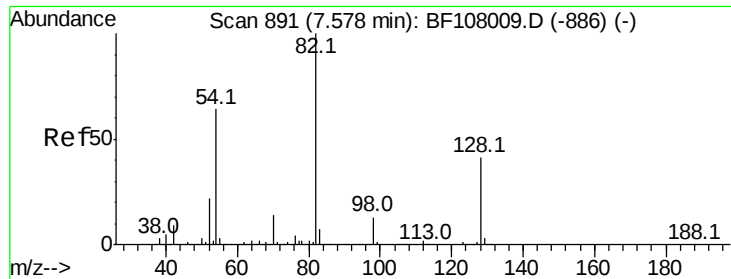
Acq: 14 Aug 2018 15:00

Tgt Ion: 136 Resp: 543323

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.3	6.6	9.8#
68	6.6	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

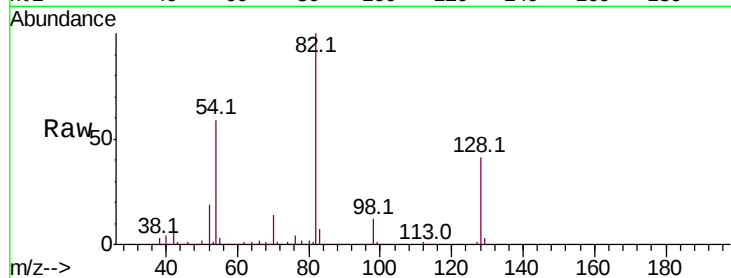




#23
Nitrobenzene-d5
Concen: 83.391 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108144.D
Acq: 14 Aug 2018 15:00

Instrument :
BNA_F
ClientSampled :
SP-1-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.1	54.1
54	59.4	41.4	62.2

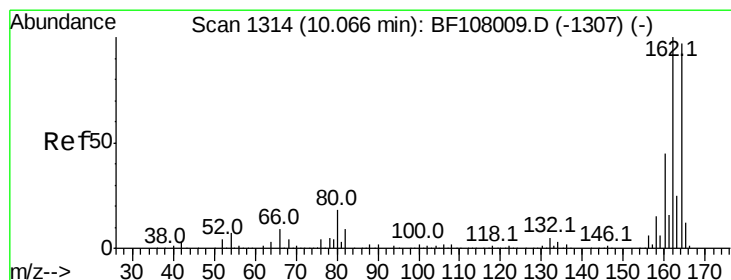
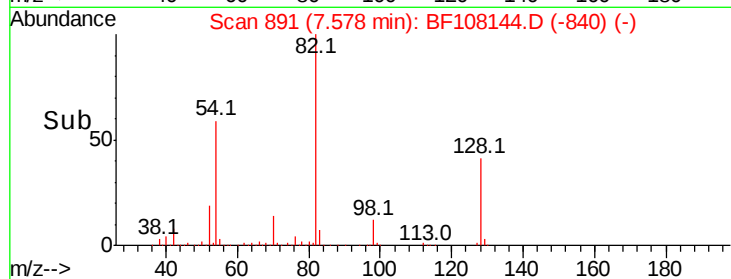
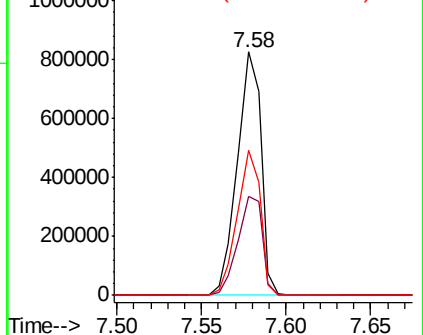


Abundance

Ion 82.00 (81.70 to 82.70): BF1

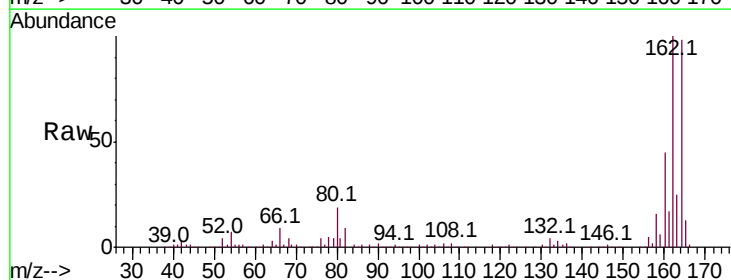
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108144.D
Acq: 14 Aug 2018 15:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.6	38.3	57.5

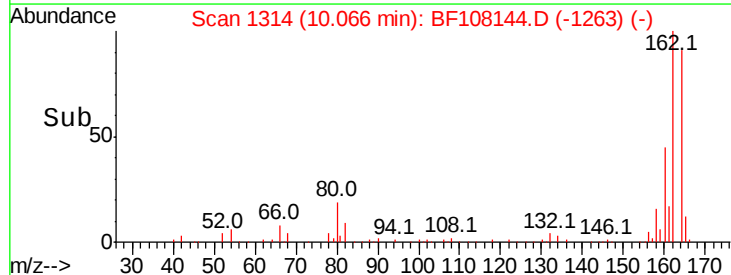
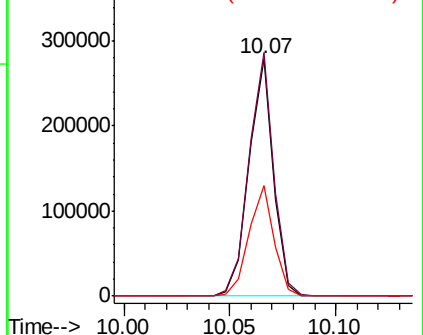


Abundance

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

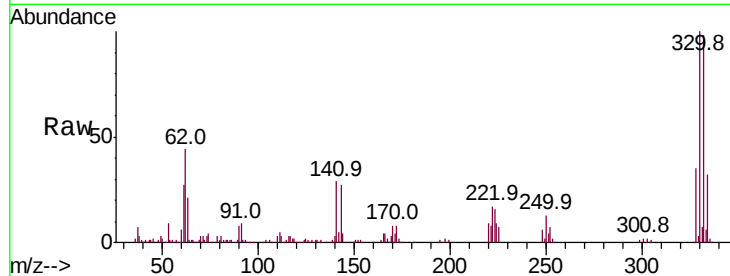




#41
 2,4,6-Tribromophenol
 Concen: 123.337 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108144.D
 Acq: 14 Aug 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.5	29.9	44.9

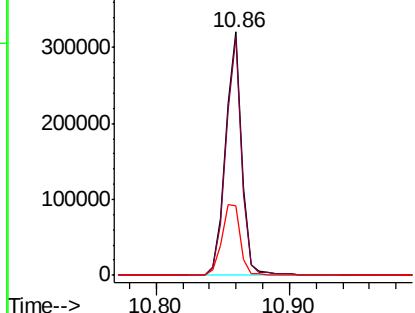
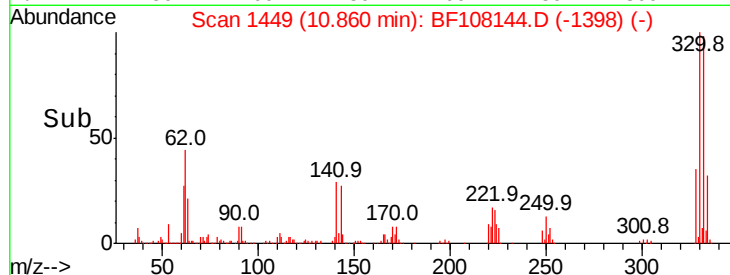


Abundance

Ion 329.80 (329.50 to 330.50): E

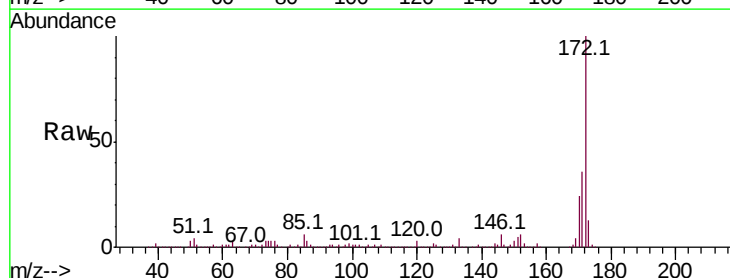
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.033 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108144.D
 Acq: 14 Aug 2018 15:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

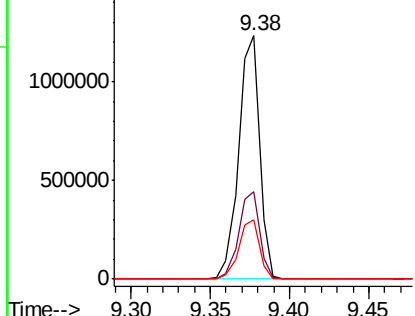
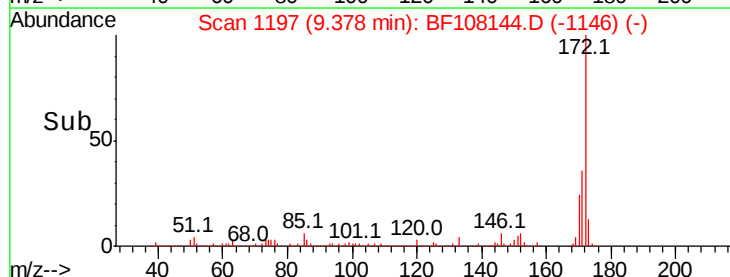


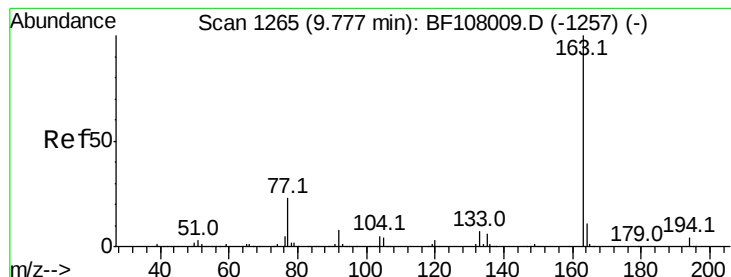
Abundance

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: 9.609 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108144.D

Acq: 14 Aug 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SP-1-10

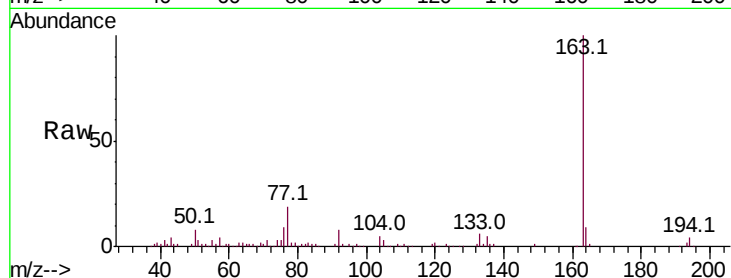
Tot Ion:163 Resp: 150142

Ion Ratio Lower Upper

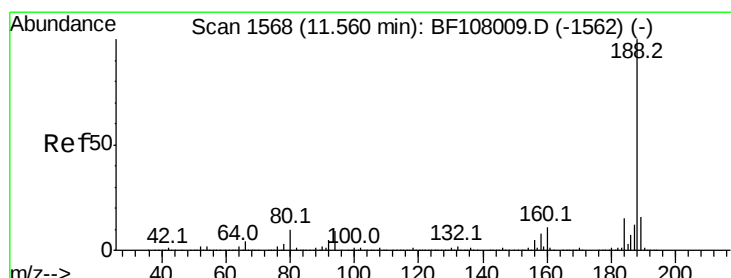
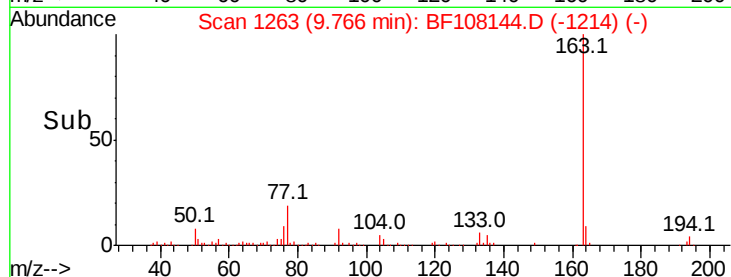
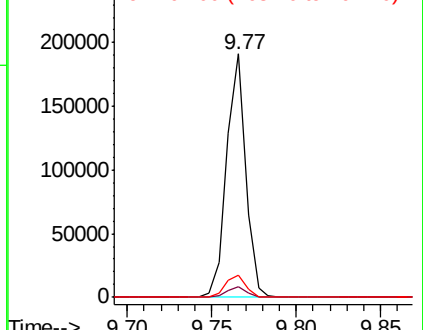
163 100

194 4.3 2.7 4.1#

164 9.2 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: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108144.D

Acq: 14 Aug 2018 15:00

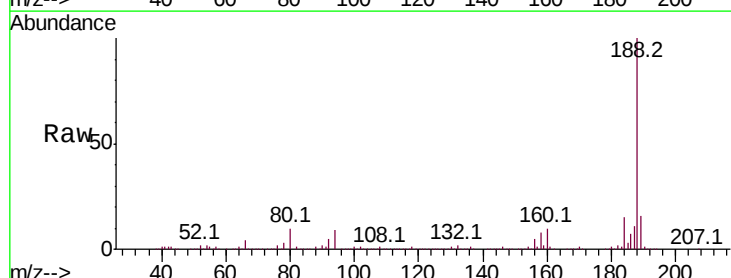
Tgt Ion:188 Resp: 438942

Ion Ratio Lower Upper

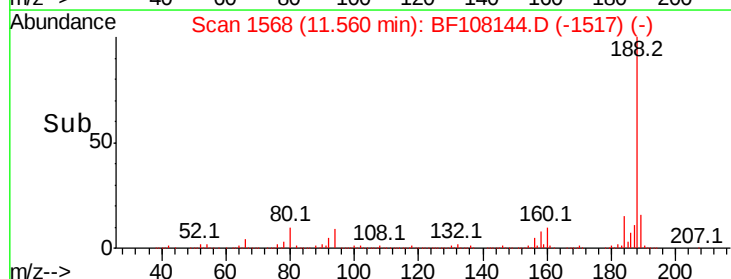
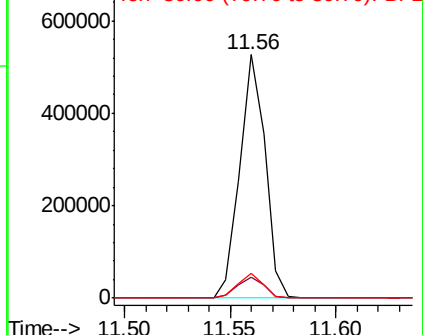
188 100

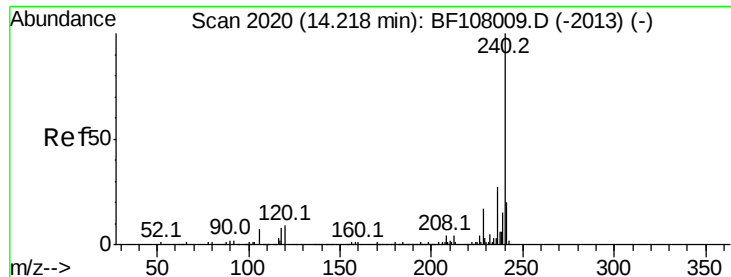
94 8.8 8.5 12.7

80 10.1 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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108144.D

Acq: 14 Aug 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SP-1-10

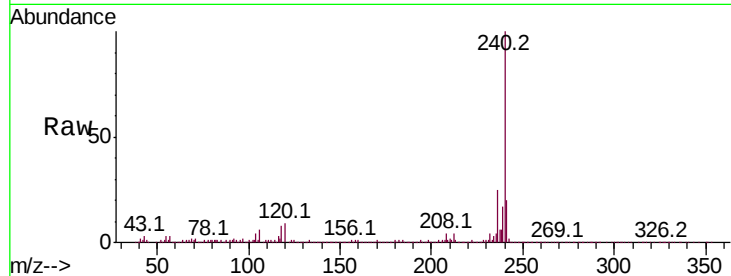
Tot Ion:240 Resp: 438758

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

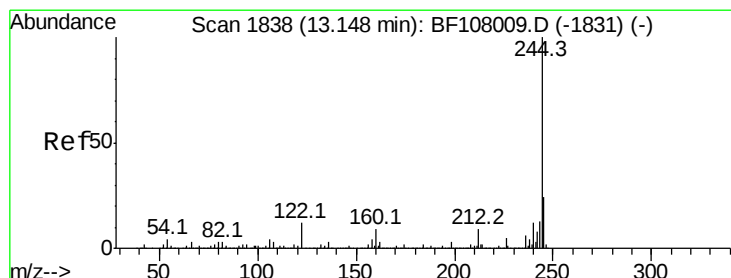
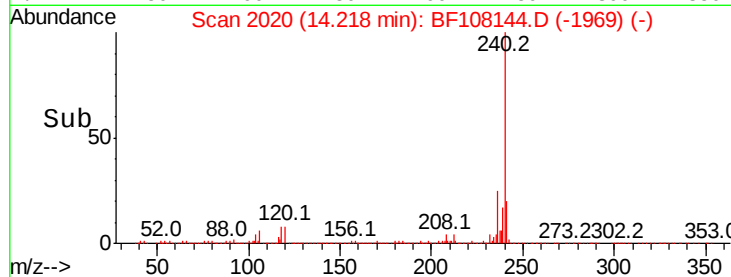
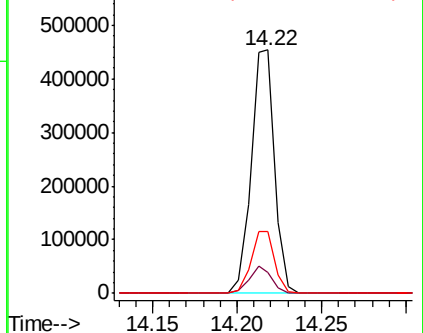
236 25.5 20.7 31.1



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: 76.625 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108144.D

Acq: 14 Aug 2018 15:00

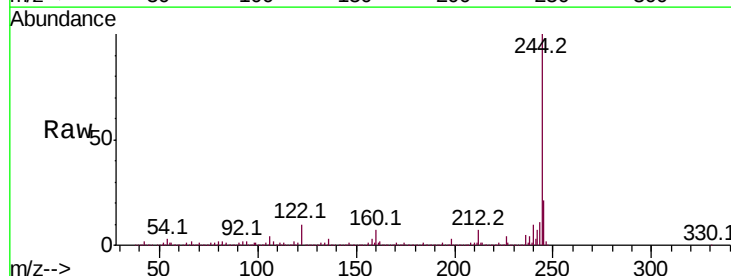
Tgt Ion:244 Resp: 1322278

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

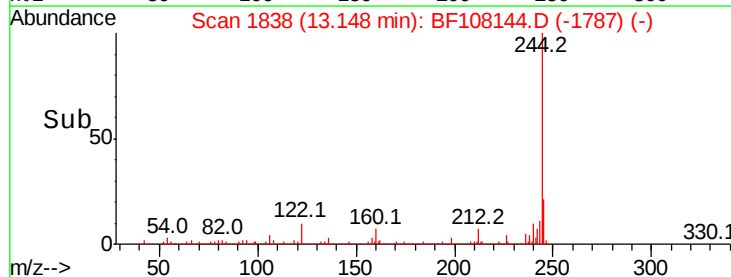
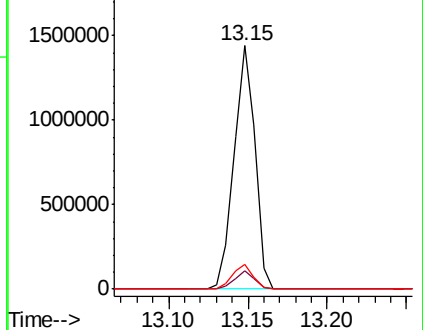
122 10.4 11.0 16.4#

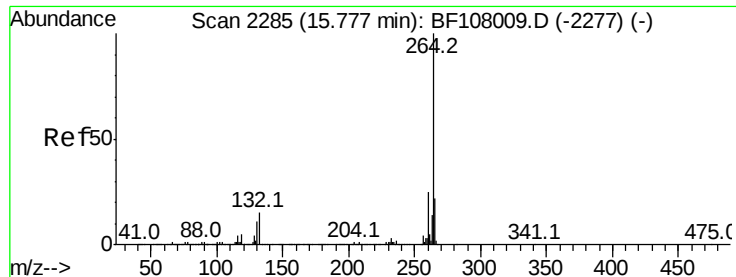


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108144.D
Acq: 14 Aug 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SP-1-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3

