

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108250.D
 Acq On : 17 Aug 2018 18:27
 Operator : JU/SJ
 Sample : J4501-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020

Quant Time: Aug 17 18:55:37 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

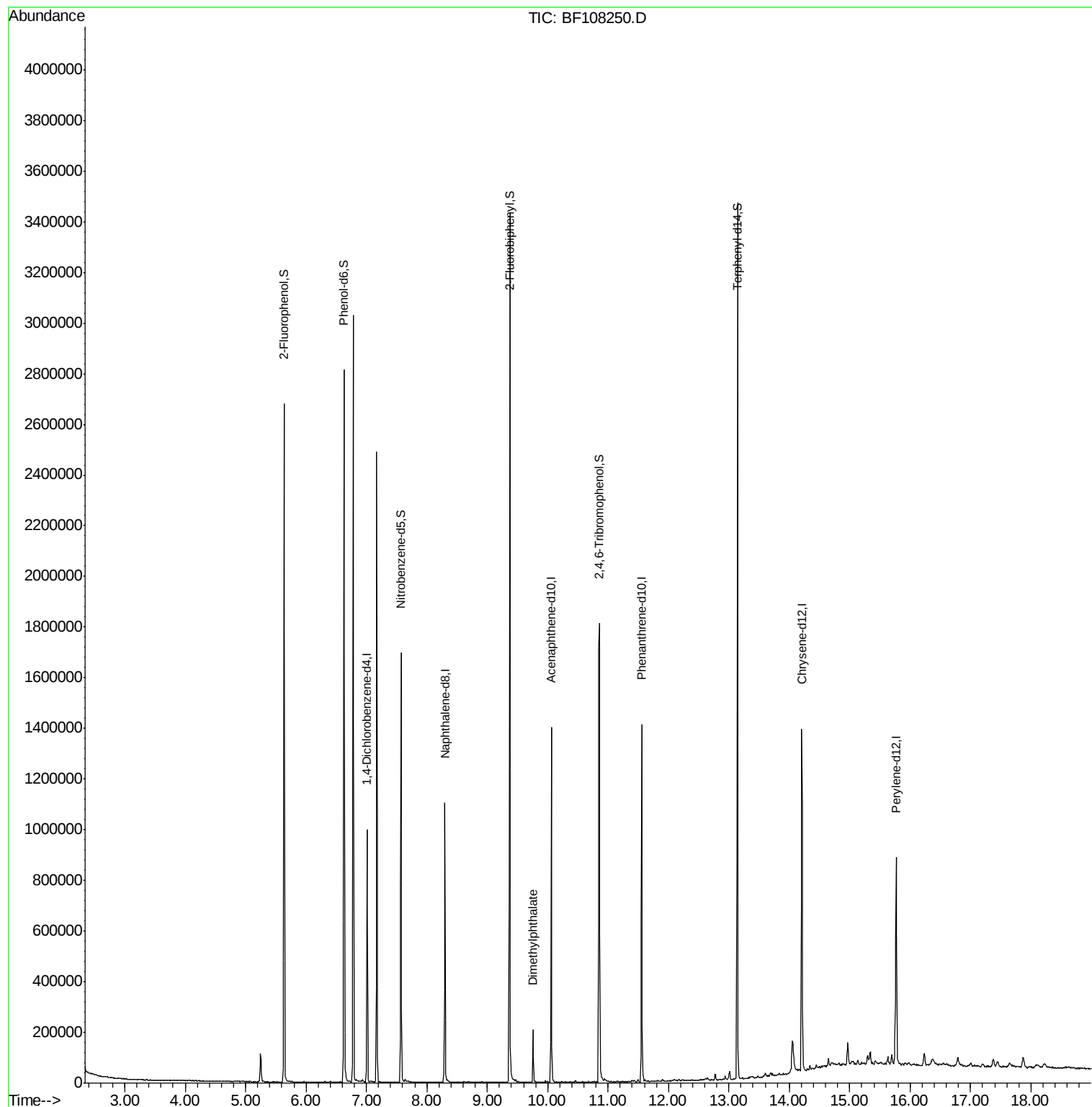
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	131685	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	490803	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	252051	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	502941	20.00	ng	0.00
75) Chrysene-d12	14.21	240	455086	20.00	ng	-0.01
86) Perylene-d12	15.77	264	399770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	644283	88.58	ng	0.00
7) Phenol-d6	6.63	99	856310	88.59	ng	0.00
23) Nitrobenzene-d5	7.57	82	547522	62.25	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	233393	92.83	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1020420	65.00	ng	0.00
78) Terphenyl-d14	13.14	244	1124620	62.83	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.76	163	73099	4.163	ng	99

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

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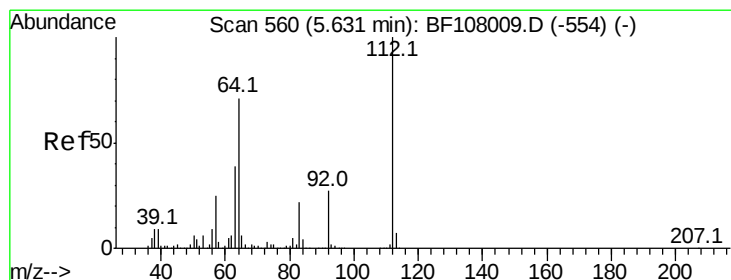
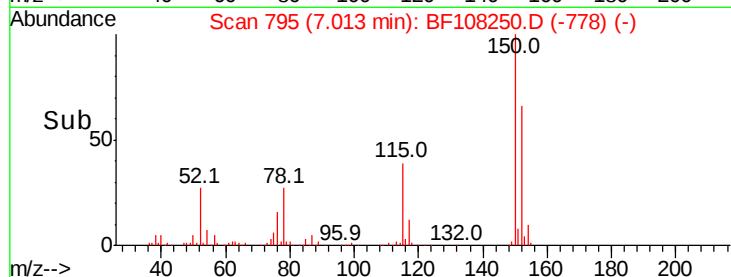
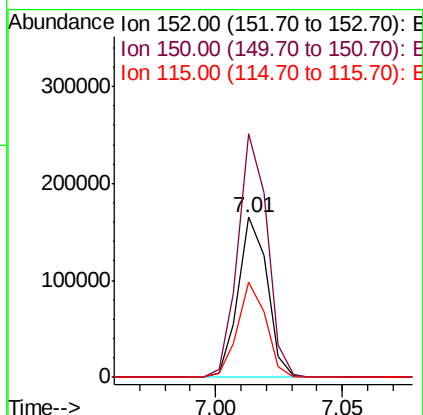
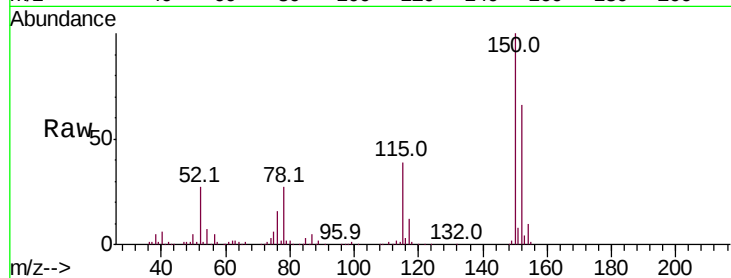


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Instrument :
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ClientSampleId :
RA-081318-FL-020

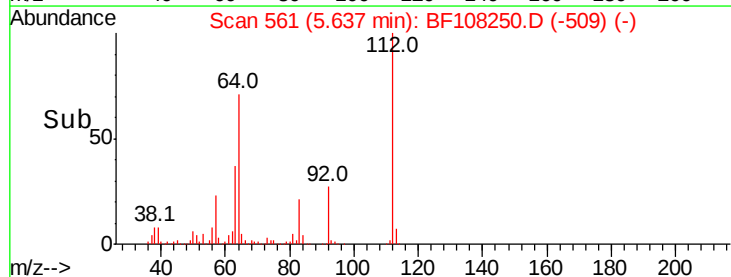
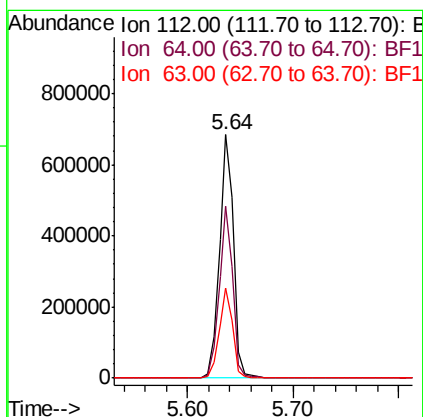
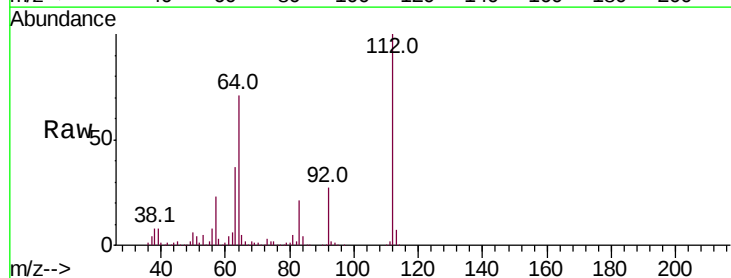
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	59.1	50.1	75.1



#5

2-Fluorophenol
Concen: 88.578 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	36.8	23.7	35.5





#7

Phenol-d6

Concen: 88.593 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020

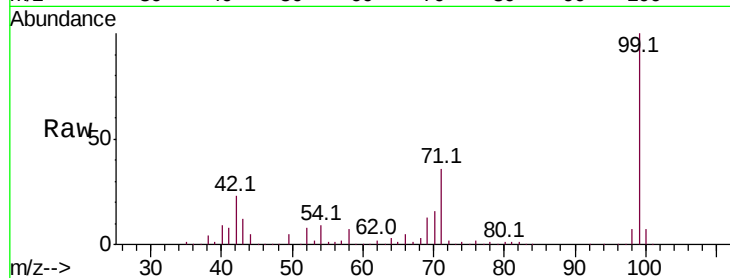
Tot Ion: 99 Resp: 856310

Ion Ratio Lower Upper

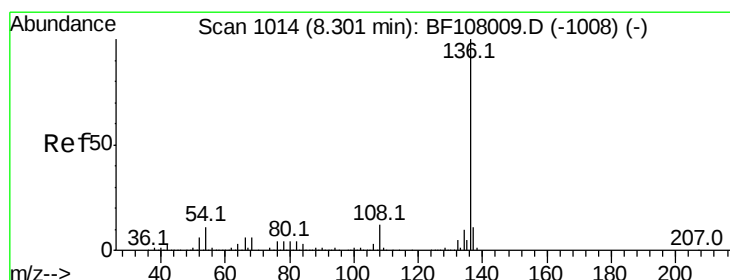
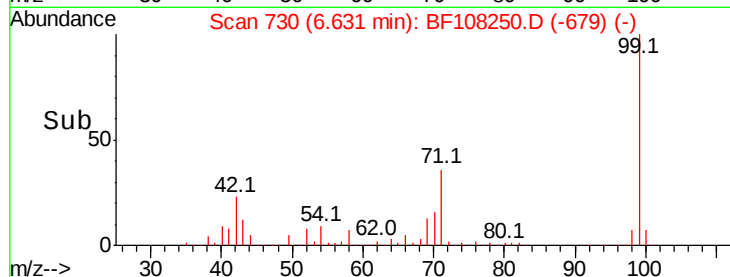
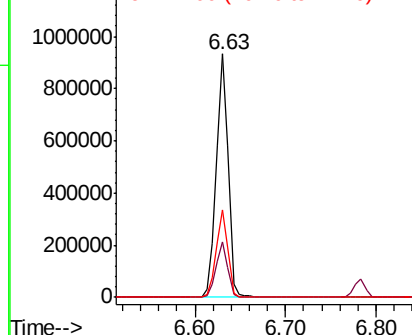
99 100

42 22.5 14.5 21.7#

71 36.0 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# 1013

Delta R.T. -0.01 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

Tgt Ion: 136 Resp: 490803

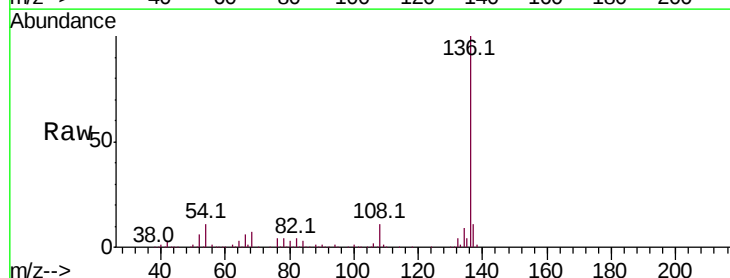
Ion Ratio Lower Upper

136 100

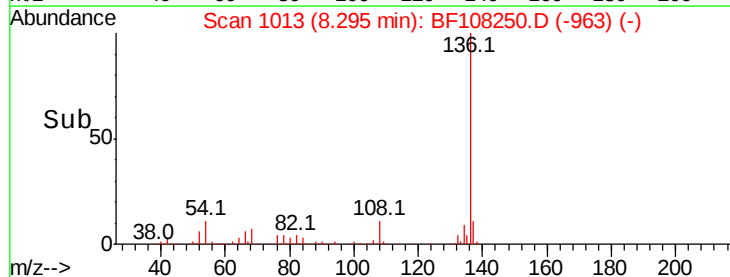
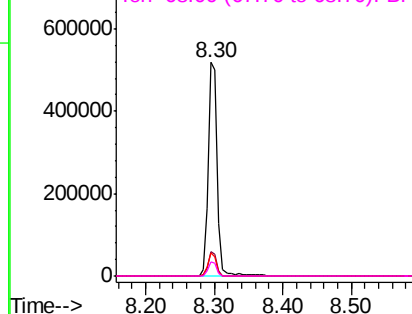
137 11.1 8.9 13.3

54 10.8 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

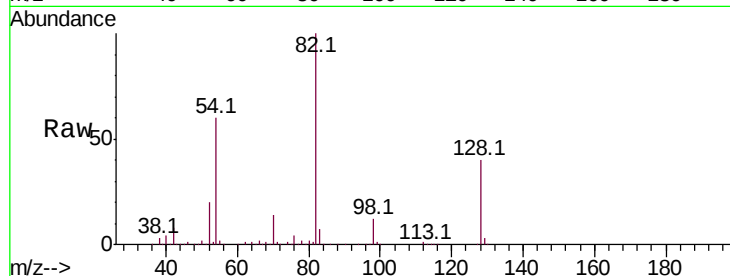




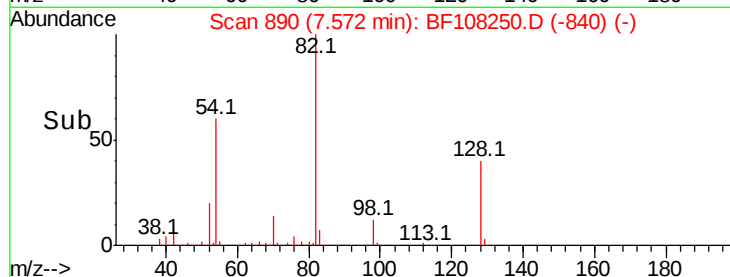
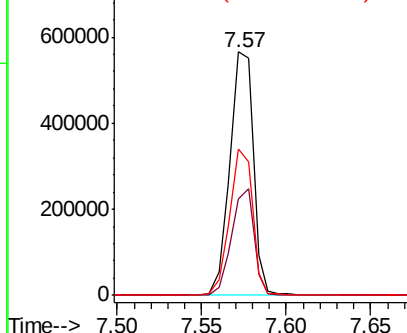
#23
 Nitrobenzene-d5
 Concen: 62.250 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108250.D
 Acq: 17 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	60.1	41.4	62.2

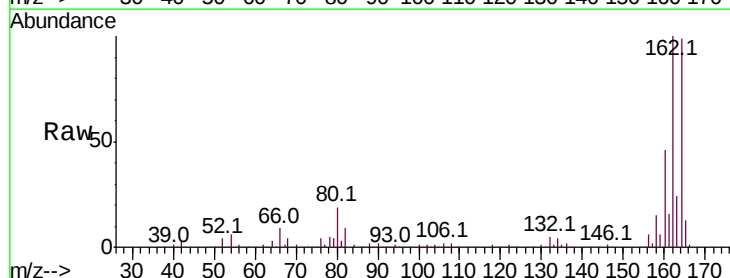


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

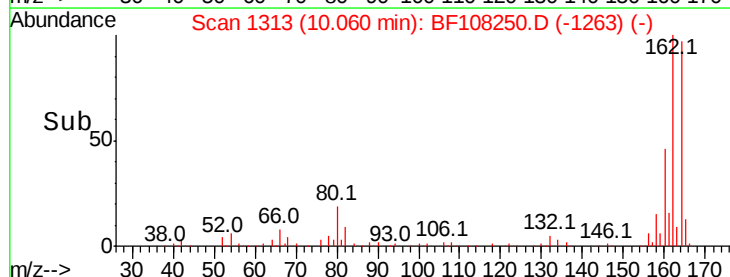
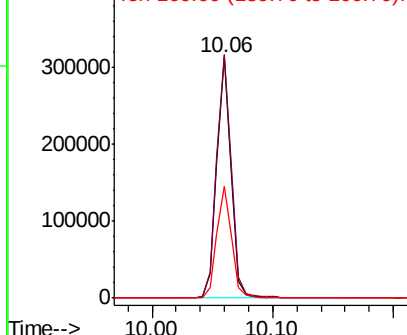


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108250.D
 Acq: 17 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	46.3	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

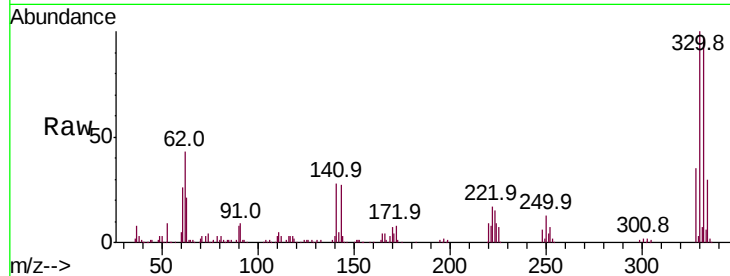




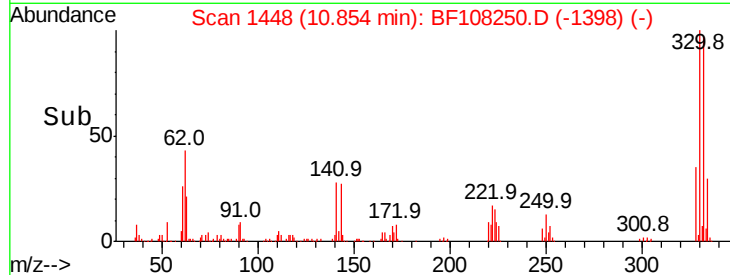
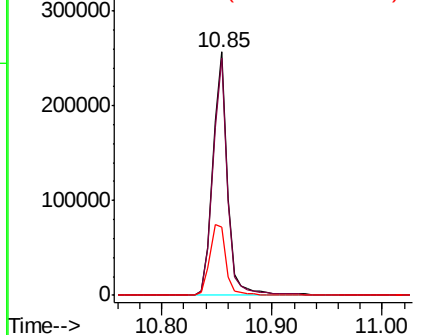
#41
 2,4,6-Tribromophenol
 Concen: 92.832 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108250.D
 Acq: 17 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.6	29.9	44.9

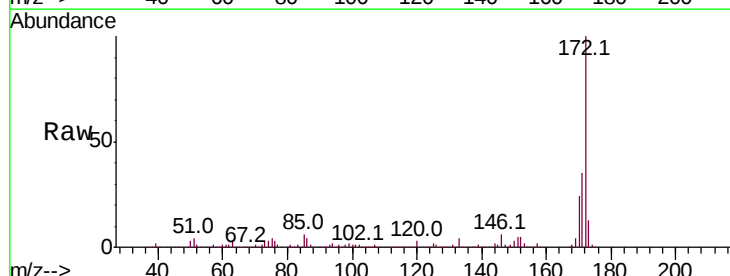


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

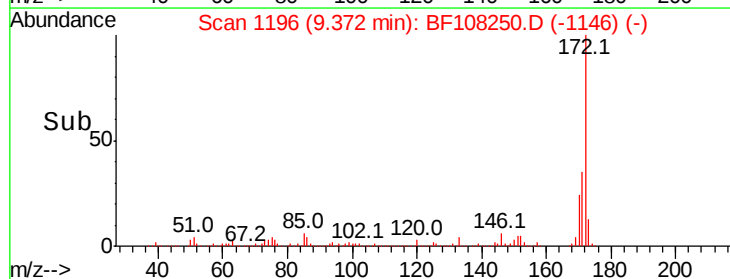
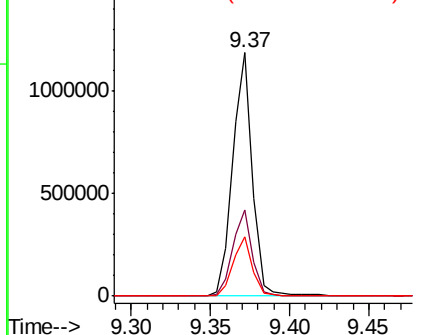


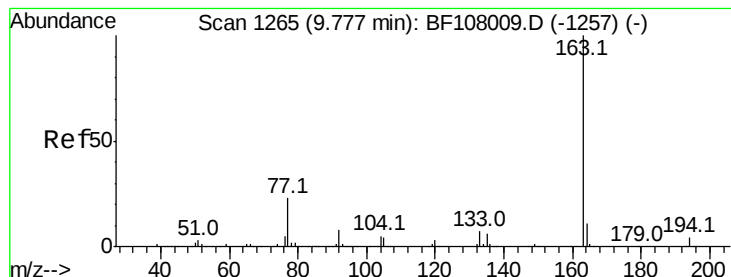
#44
 2-Fluorobiphenyl
 Concen: 64.997 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108250.D
 Acq: 17 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.4	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: 4.163 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020

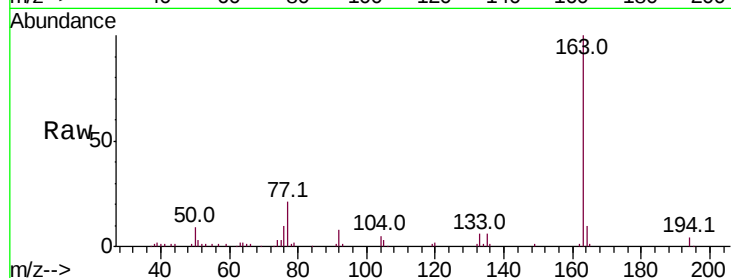
Tot Ion:163 Resp: 73099

Ion Ratio Lower Upper

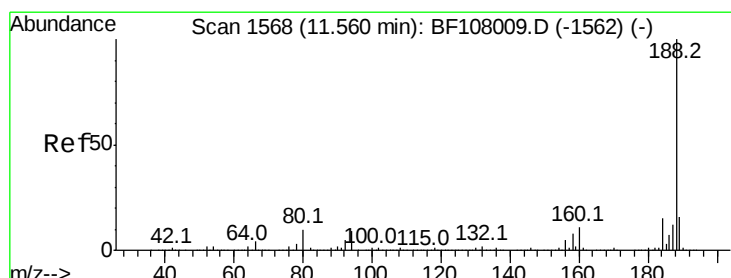
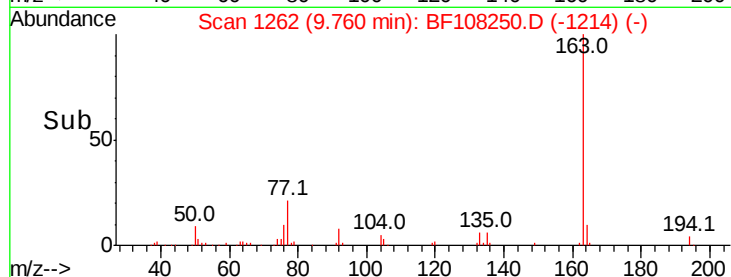
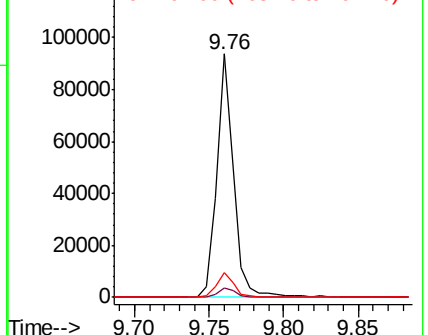
163 100

194 3.9 2.7 4.1

164 10.3 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: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

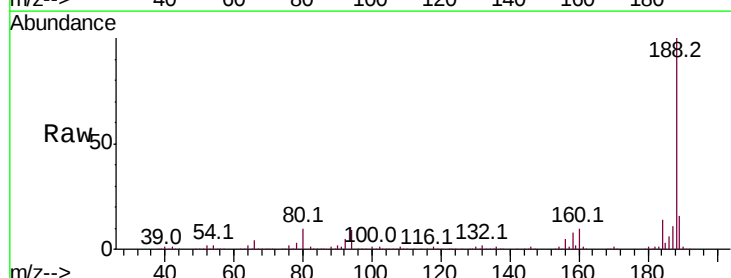
Tgt Ion:188 Resp: 502941

Ion Ratio Lower Upper

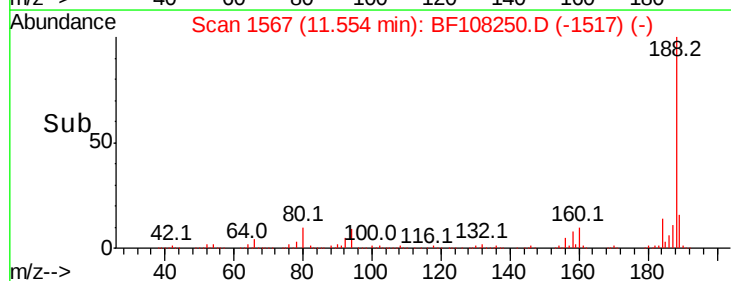
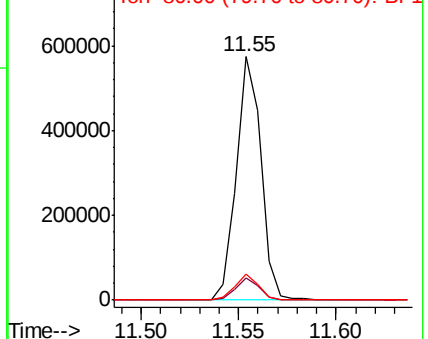
188 100

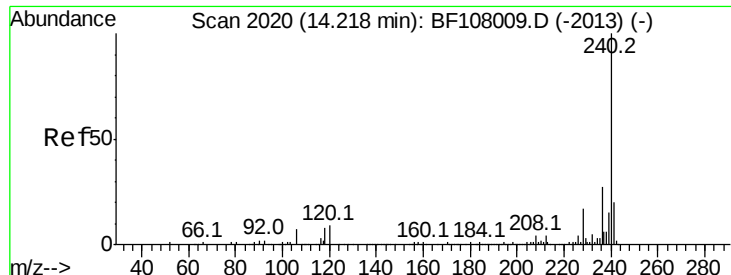
94 9.2 8.5 12.7

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: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020

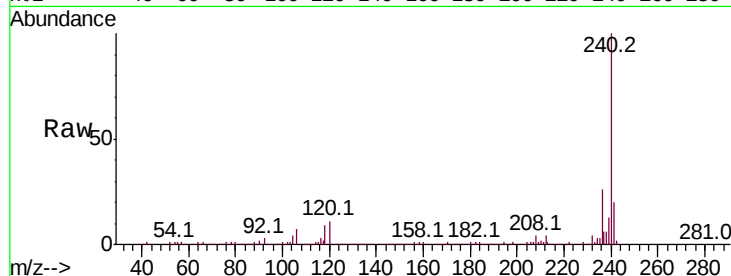
Tot Ion:240 Resp: 455086

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

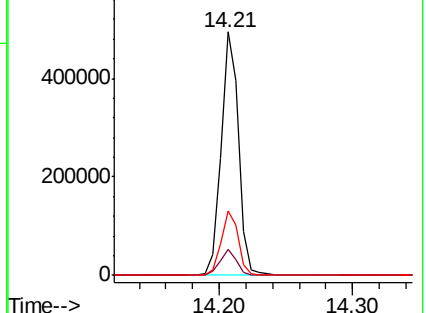
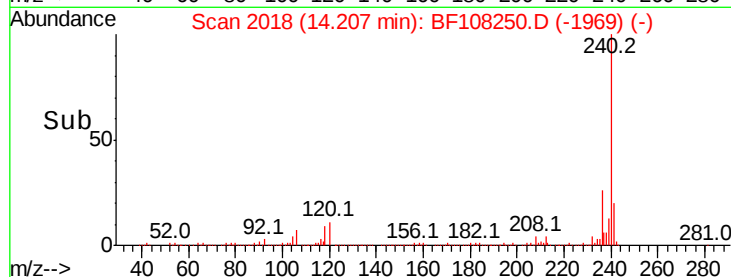
236 26.3 20.7 31.1



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: 62.833 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

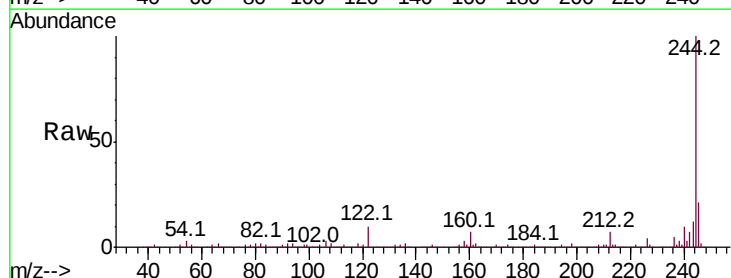
Tgt Ion:244 Resp: 1124620

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

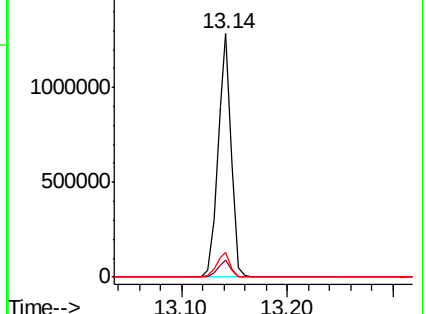
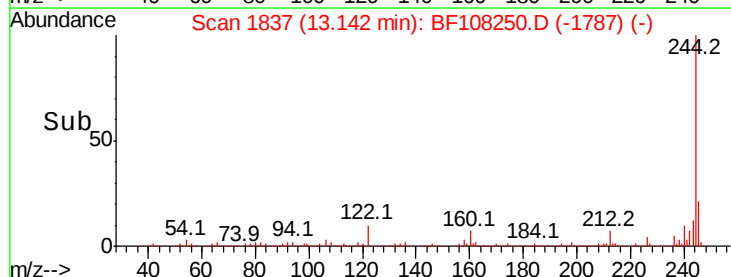
122 10.0 11.0 16.4#

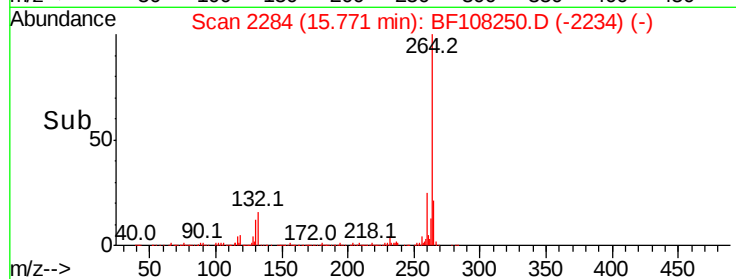
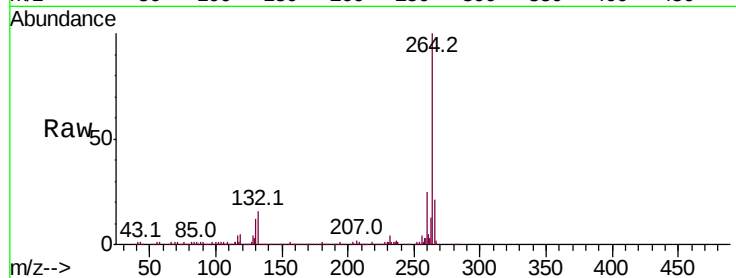


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020

Tot Ion:264 Resp: 399770

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.3 17.5 26.3

