

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108219.D
 Acq On : 17 Aug 2018 2:20
 Operator : JU/SJ
 Sample : J4501-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-019

Quant Time: Aug 17 05:27:19 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

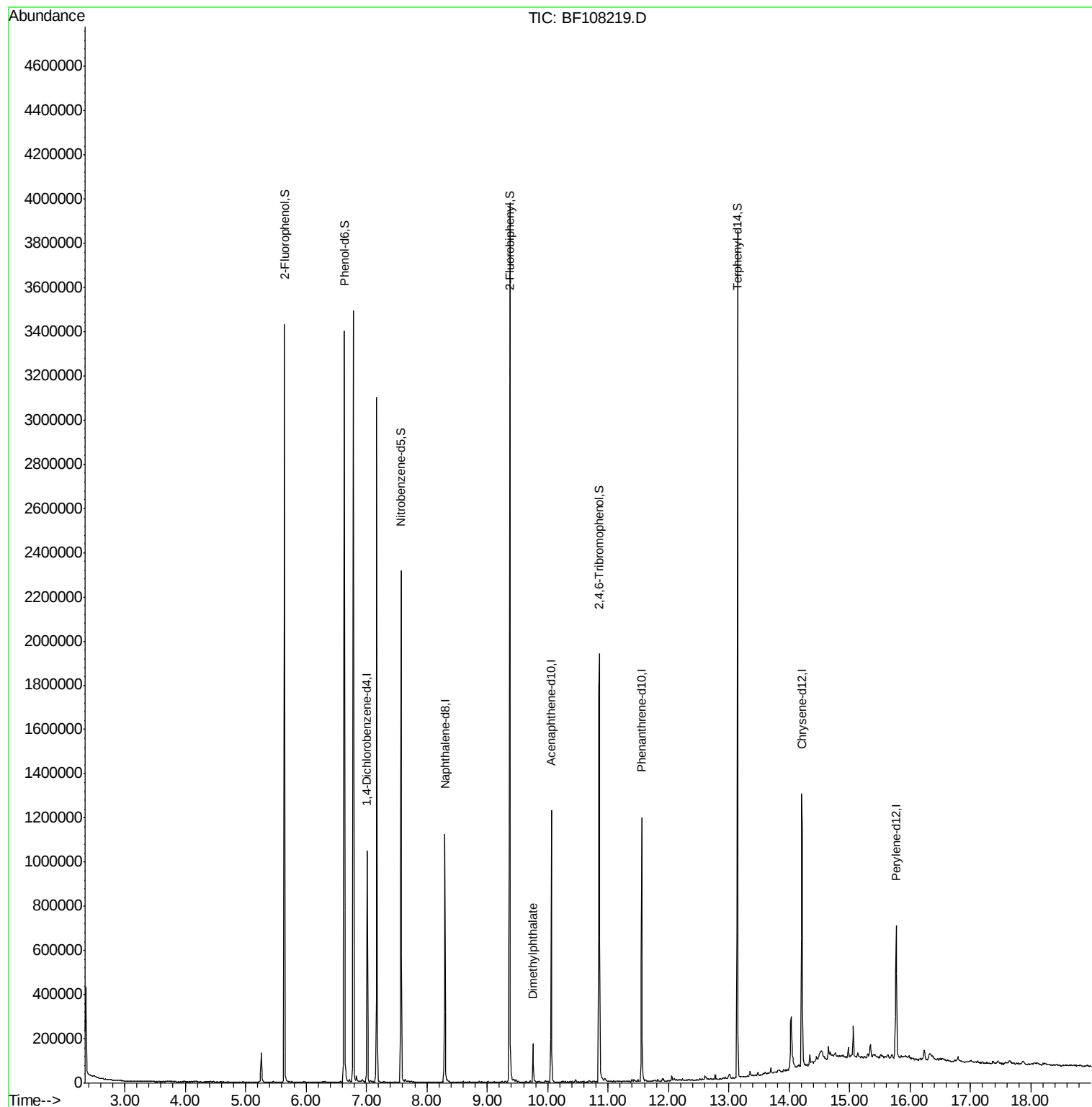
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	149478	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	534791	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	230704	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	418866	20.00	ng	0.00
75) Chrysene-d12	14.21	240	427769	20.00	ng	-0.01
86) Perylene-d12	15.77	264	304532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	842845	102.08	ng	0.01
7) Phenol-d6	6.64	99	1089957	99.34	ng	0.00
23) Nitrobenzene-d5	7.58	82	709503	74.03	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	247679	107.63	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1208215	84.08	ng	0.00
78) Terphenyl-d14	13.14	244	1211630	72.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	61872	3.850	ng	Qvalue # 97

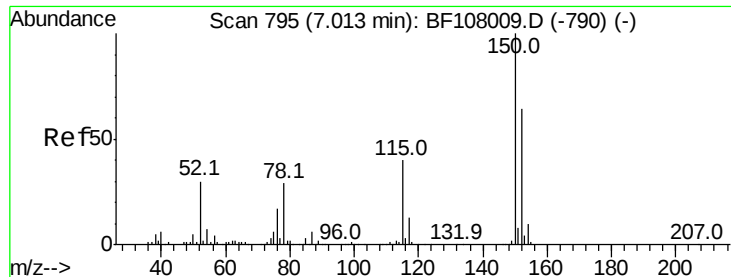
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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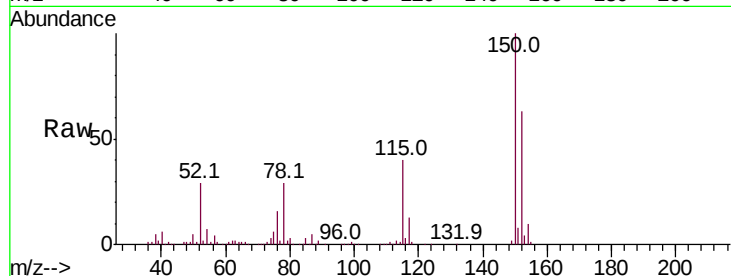


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108219.D
Acq: 17 Aug 2018 2:20

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-019

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	62.9	50.1	75.1

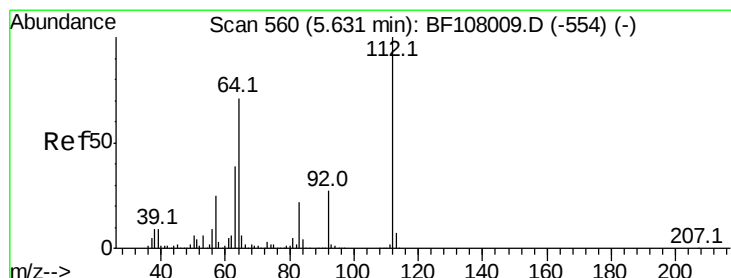
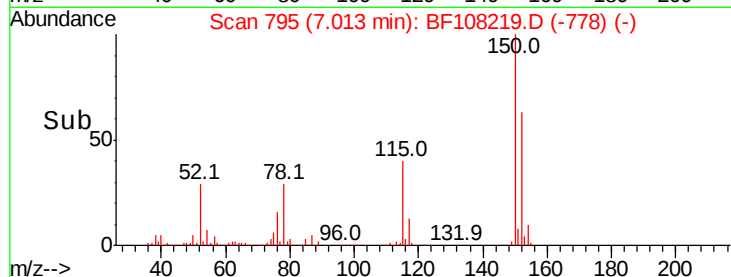
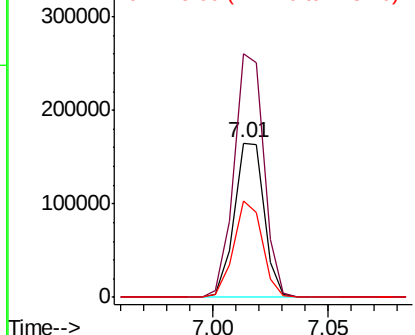


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

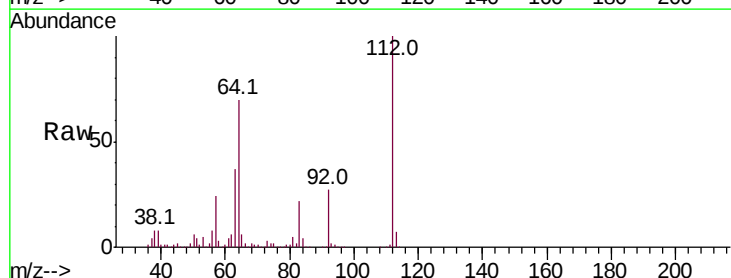
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.084 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108219.D
Acq: 17 Aug 2018 2:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	37.2	23.7	35.5

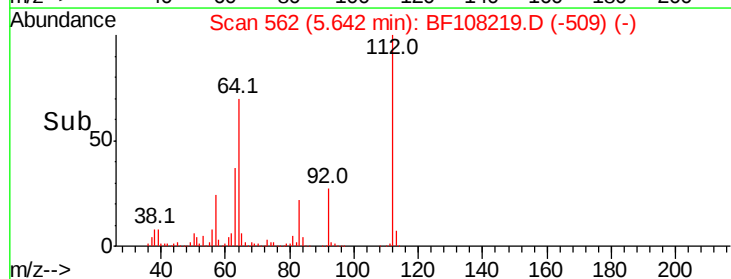
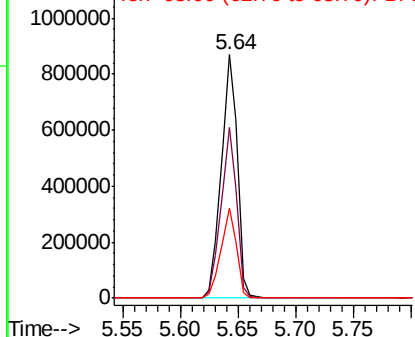


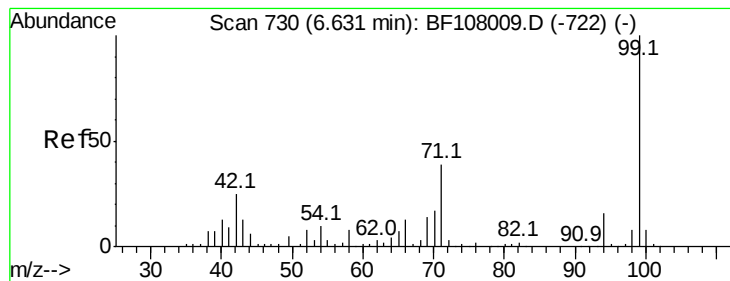
Abundance

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: 99.343 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108219.D

Acq: 17 Aug 2018 2:20

Instrument :

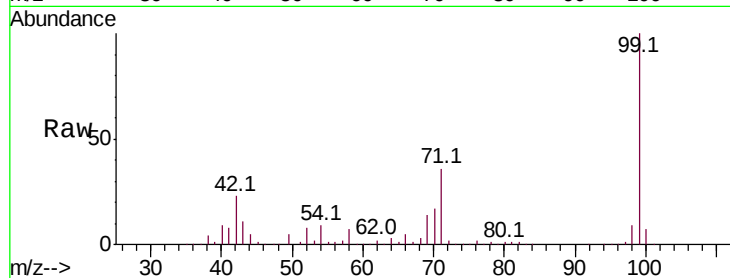
BNA_F

ClientSampleId :

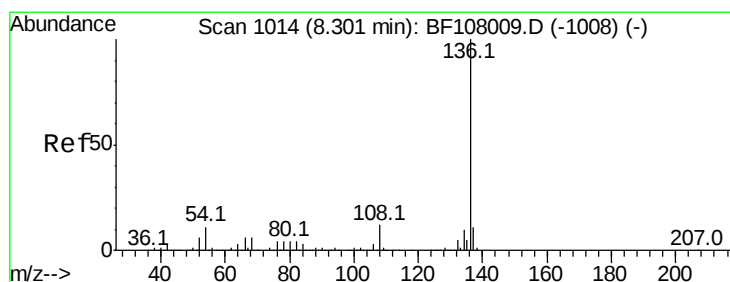
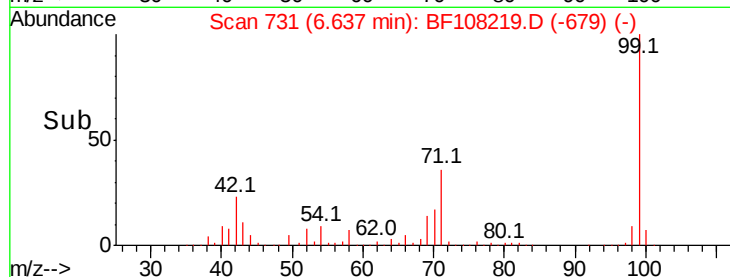
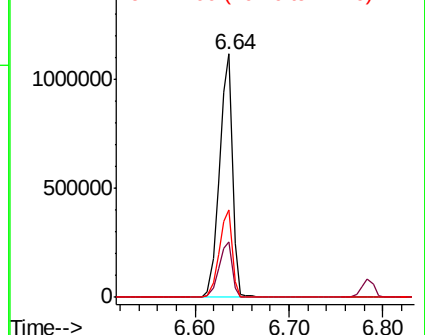
RA-081318-FL-019

Tot Ion: 99 Resp: 1089957

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	36.1	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: 8.30 min Scan# 1014

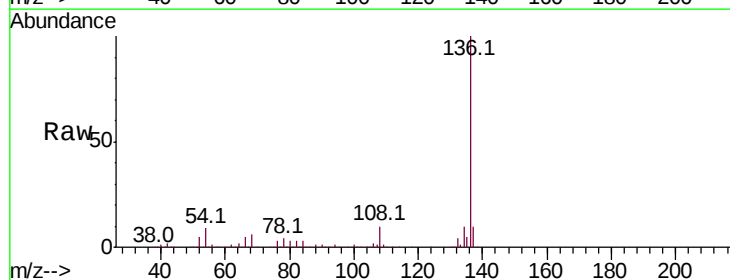
Delta R.T. 0.00 min

Lab File: BF108219.D

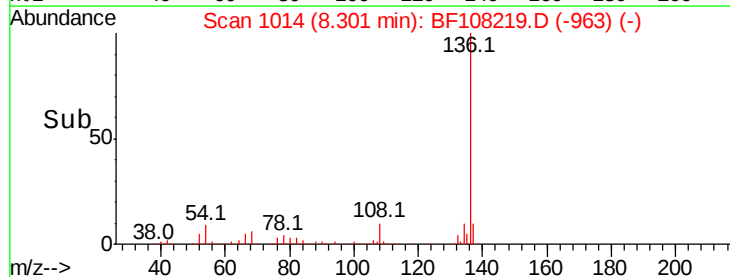
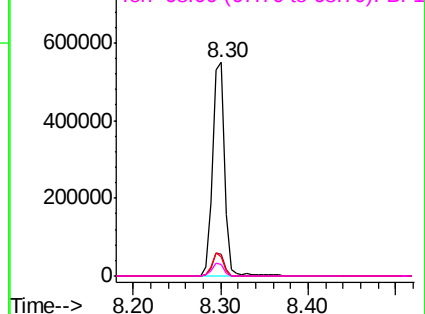
Acq: 17 Aug 2018 2:20

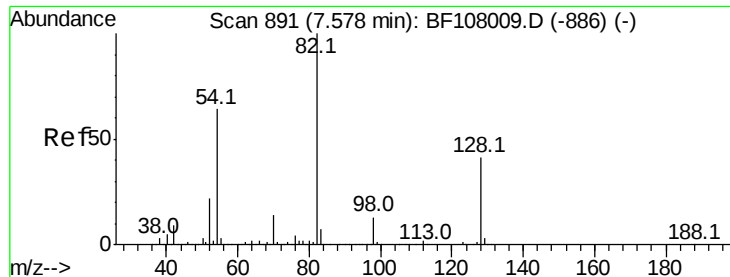
Tgt Ion: 136 Resp: 534791

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.9	6.6	9.8
68	5.6	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

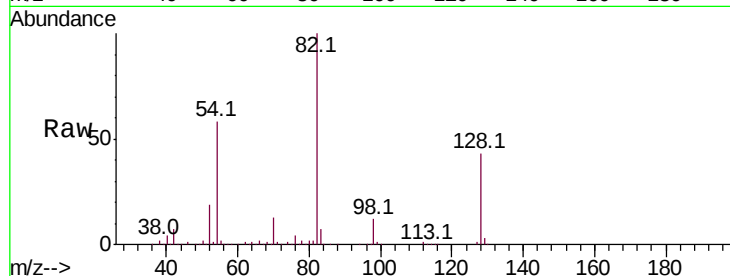




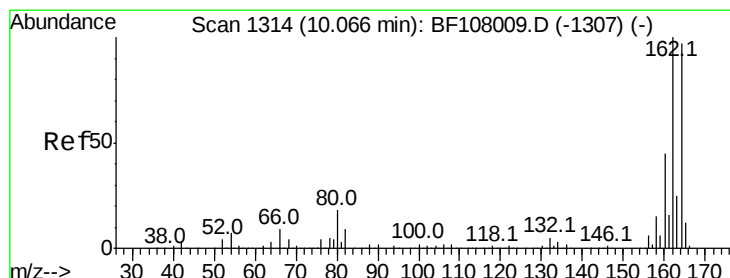
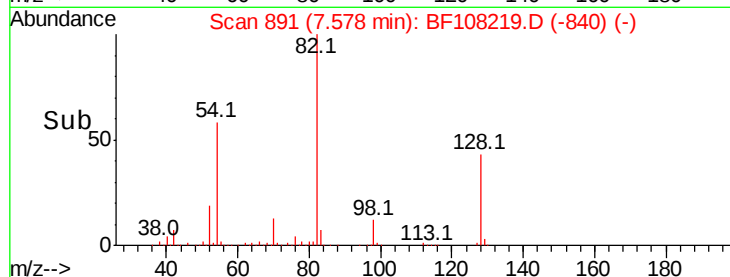
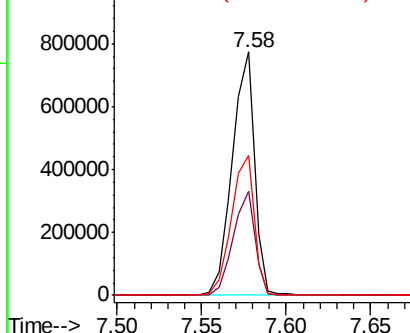
#23
 Nitrobenzene-d5
 Concen: 74.031 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108219.D
 Acq: 17 Aug 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-019

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	57.5	41.4	62.2

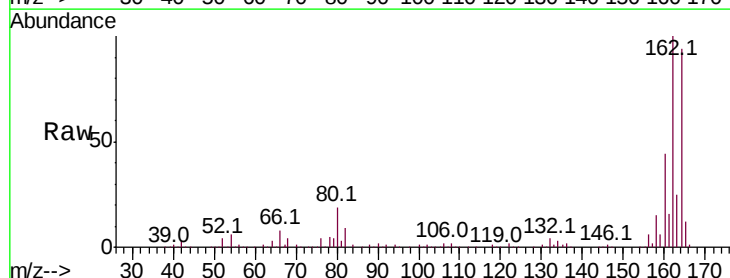


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

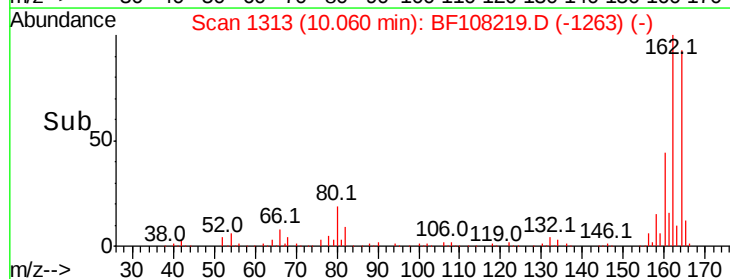
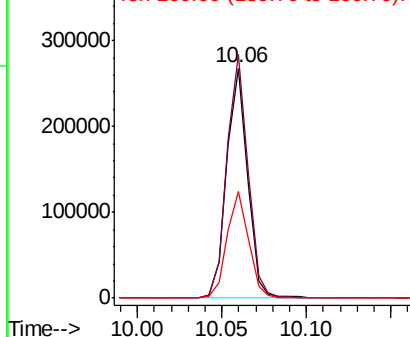


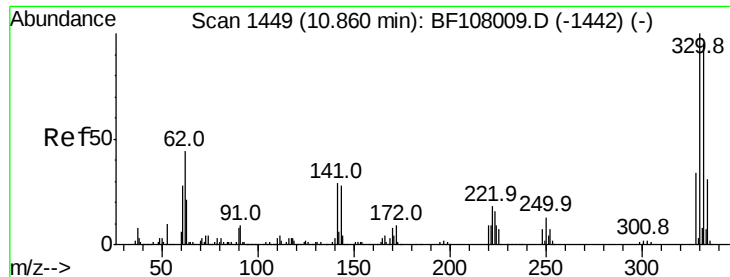
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108219.D
 Acq: 17 Aug 2018 2:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.4	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

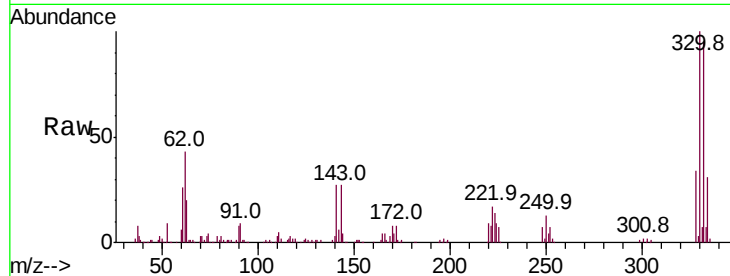




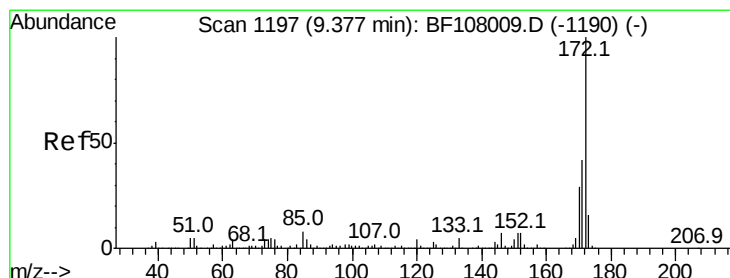
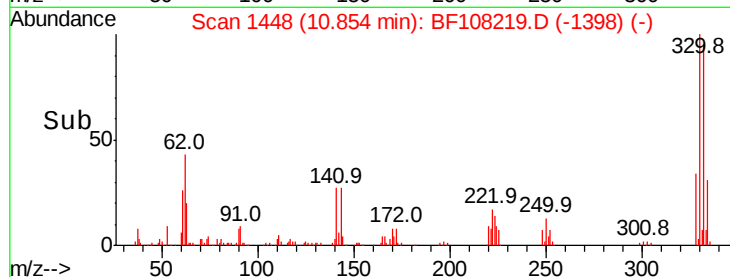
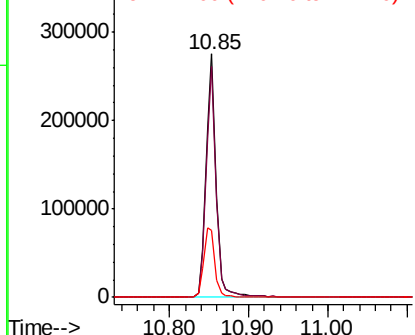
#41
 2,4,6-Tribromophenol
 Concen: 107.630 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108219.D
 Acq: 17 Aug 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-019

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	32.3	29.9	44.9

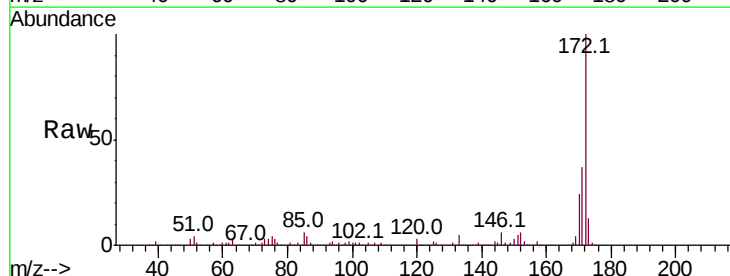


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

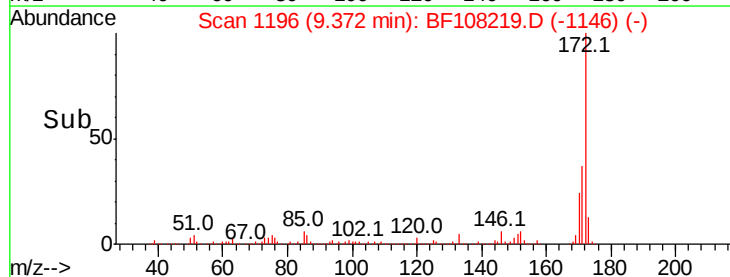
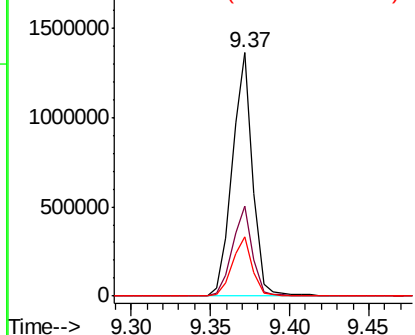


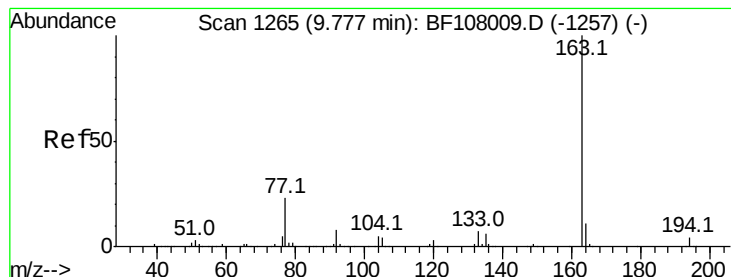
#44
 2-Fluorobiphenyl
 Concen: 84.080 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108219.D
 Acq: 17 Aug 2018 2:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.1	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: 3.850 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108219.D

Acq: 17 Aug 2018 2:20

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-019

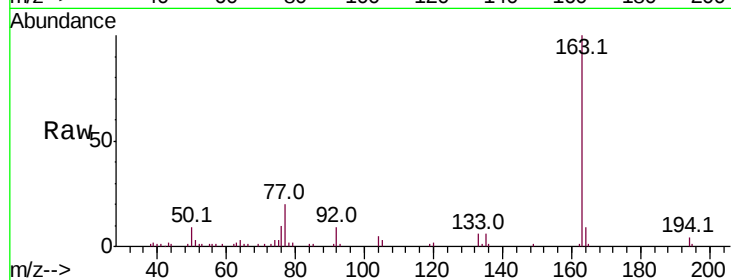
Tot Ion:163 Resp: 61872

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

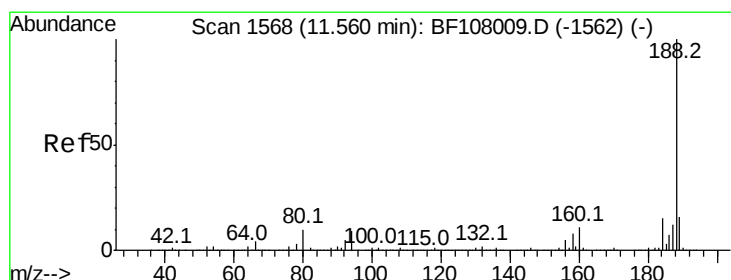
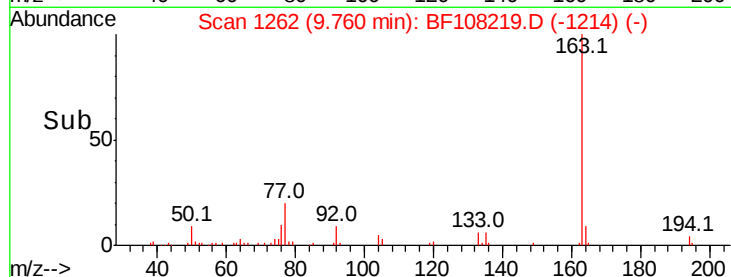
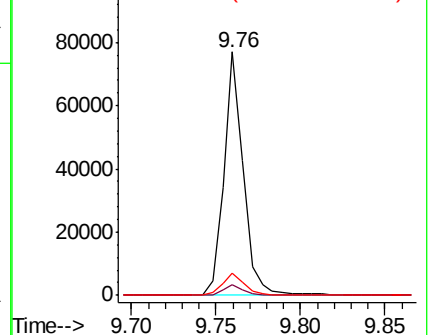
164 9.1 8.2 12.2



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: BF108219.D

Acq: 17 Aug 2018 2:20

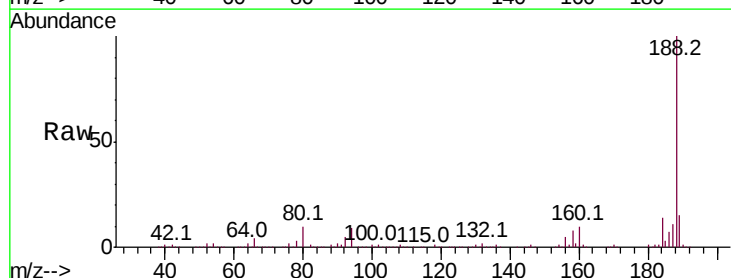
Tgt Ion:188 Resp: 418866

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

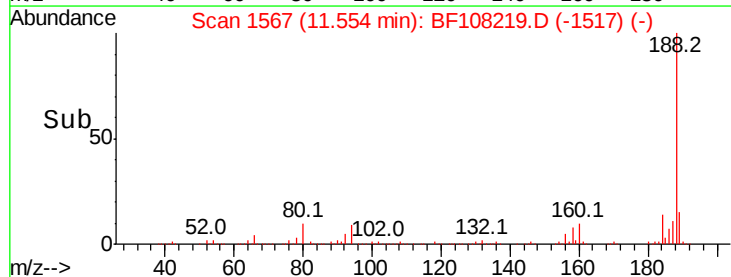
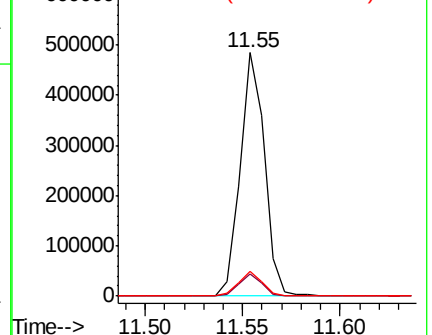
80 10.2 9.2 13.8

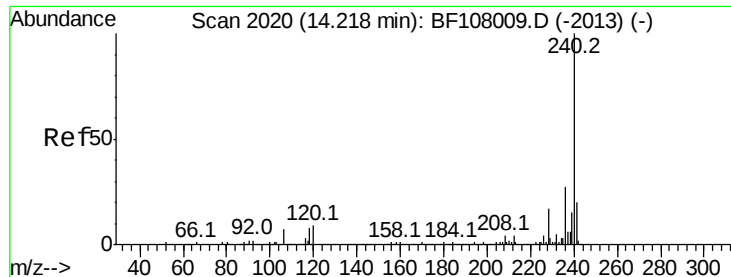


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF108219.D

Acq: 17 Aug 2018 2:20

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-019

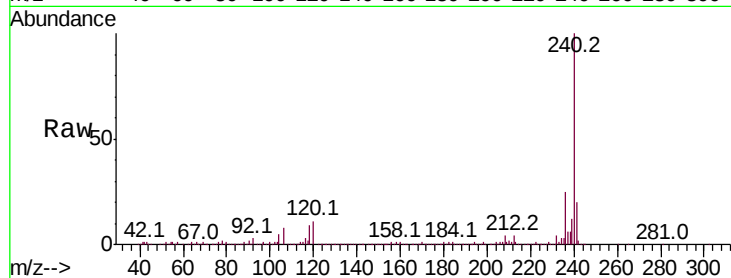
Tot Ion:240 Resp: 427769

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

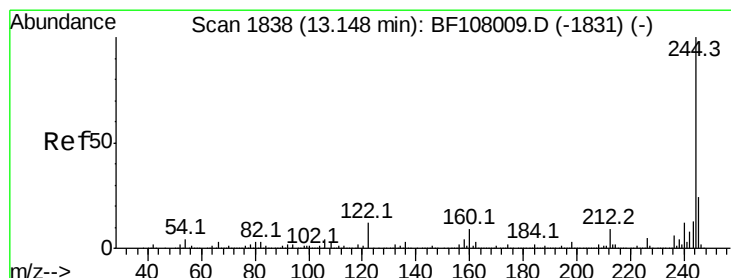
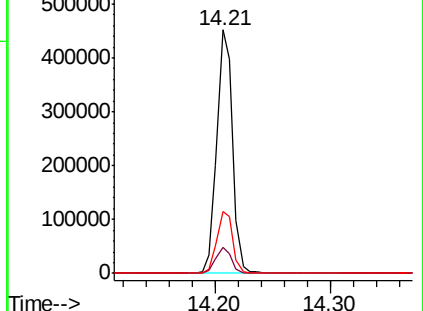
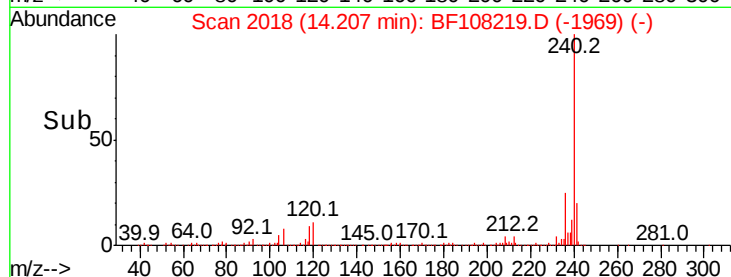
236 25.3 20.7 31.1



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: 72.017 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108219.D

Acq: 17 Aug 2018 2:20

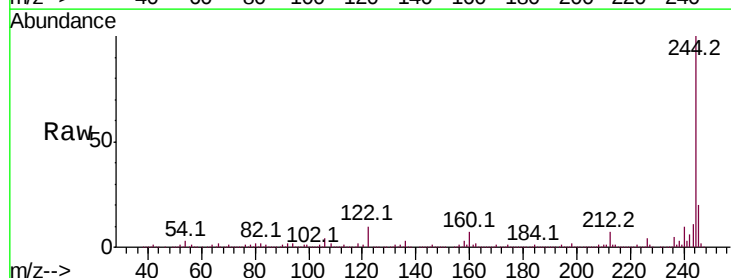
Tgt Ion:244 Resp: 1211630

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

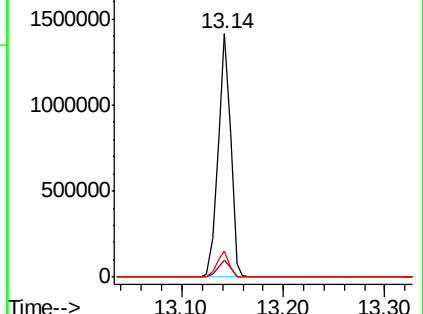
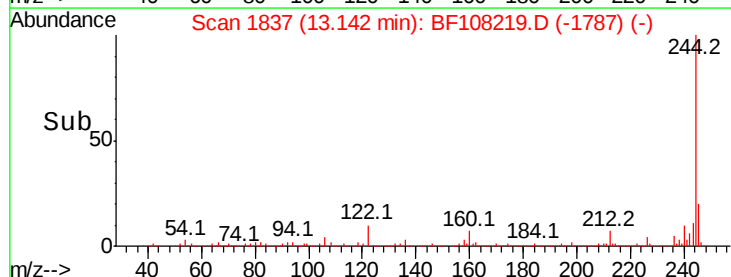
122 10.4 11.0 16.4#

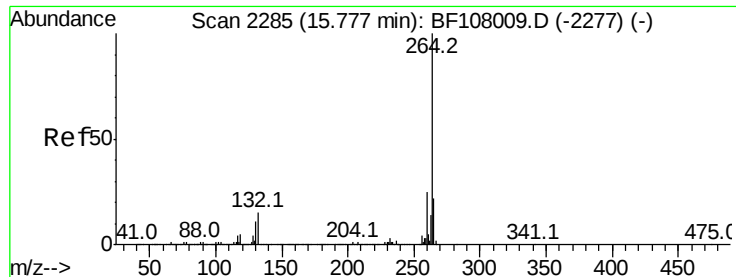


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108219.D
 Acq: 17 Aug 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	19.8	17.5	26.3

