

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108063.D
 Acq On : 9 Aug 2018 20:06
 Operator : JU/SJ
 Sample : J4388-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1B

Quant Time: Aug 10 02:28:55 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

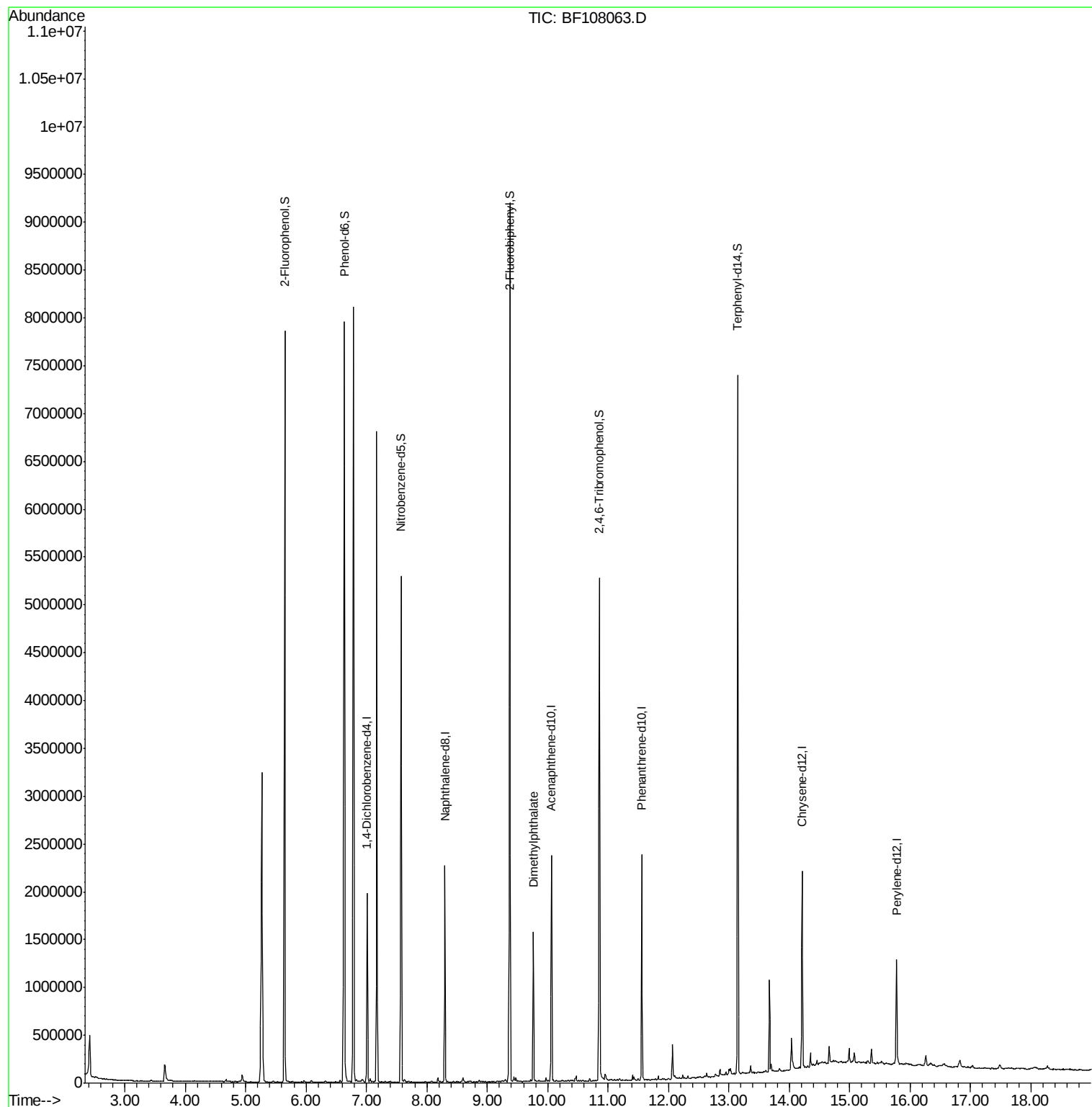
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	285289	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1034750	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	482959	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	793771	20.00	ng	0.00
75) Chrysene-d12	14.21	240	657577	20.00	ng	0.00
86) Perylene-d12	15.78	264	493988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	2128166	135.05	ng	0.02
7) Phenol-d6	6.64	99	2792337	133.35	ng	0.00
23) Nitrobenzene-d5	7.58	82	1833429	98.87	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	619270	128.55	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2872979	95.50	ng	0.00
78) Terphenyl-d14	13.15	244	2400435	92.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	570735	16.965	ng	Qvalue # 99

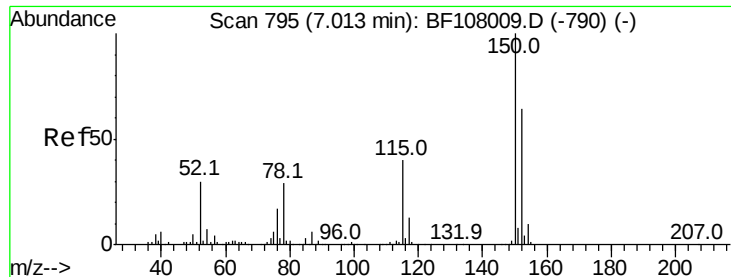
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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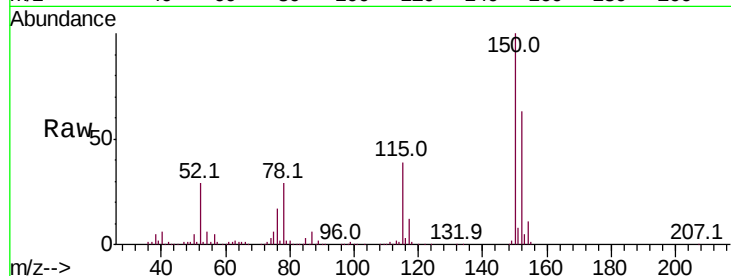


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108063.D
Acq: 9 Aug 2018 20:06

Instrument :
BNA_F
ClientSampleId :
S-1B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.5	50.1	75.1

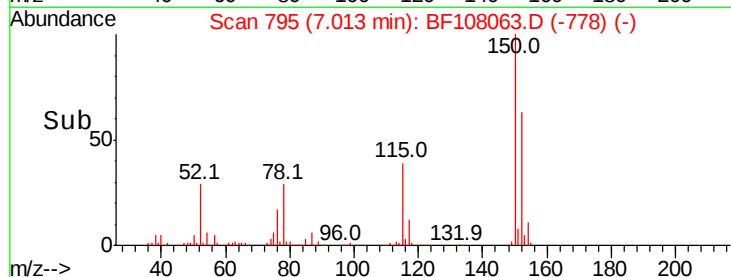
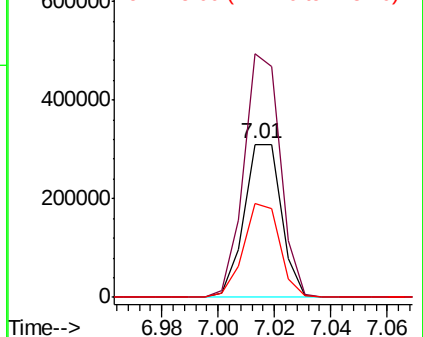


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

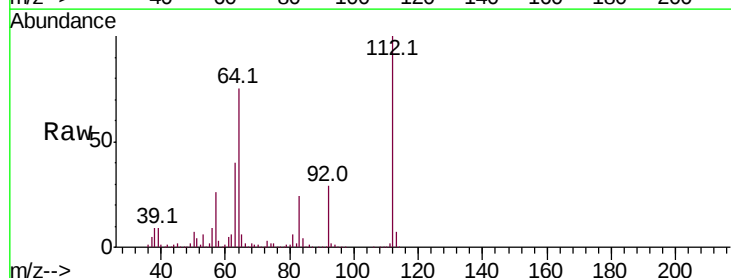
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.054 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108063.D
Acq: 9 Aug 2018 20:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.7	47.9	71.9#
63	40.4	23.7	35.5#

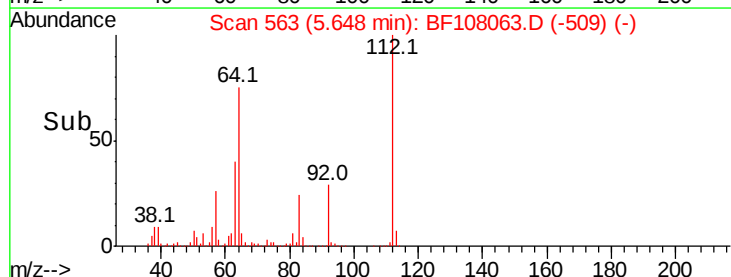
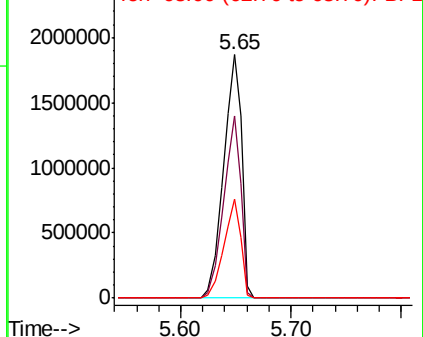


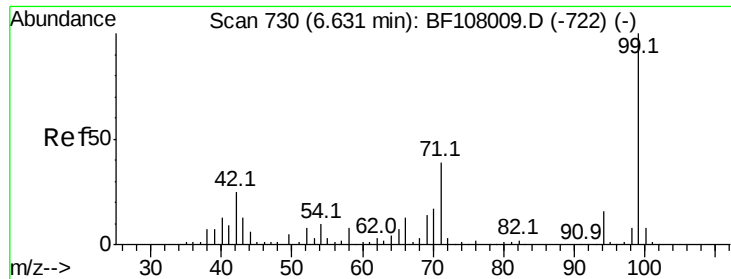
Abundance

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: 133.349 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108063.D

Acq: 9 Aug 2018 20:06

Instrument :

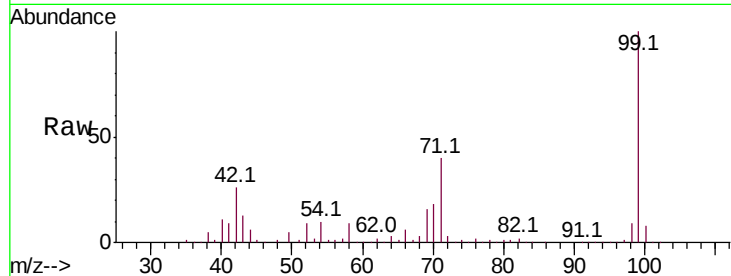
BNA_F

ClientSampleId :

S-1B

Tot Ion: 99 Resp: 2792337

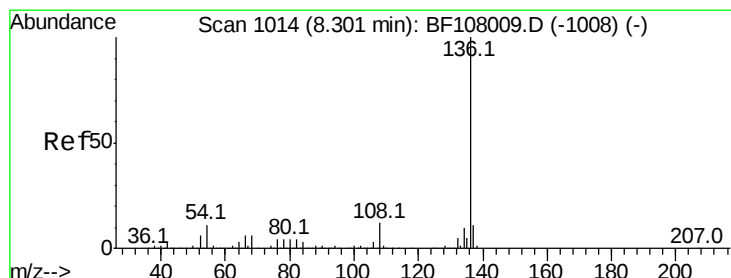
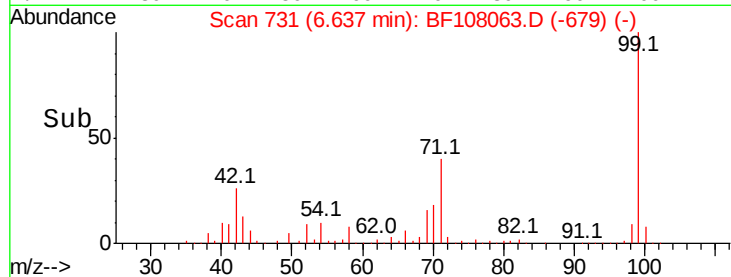
Ion	Ratio	Lower	Upper
99	100		
42	26.0	14.5	21.7#
71	40.4	25.4	38.0#



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

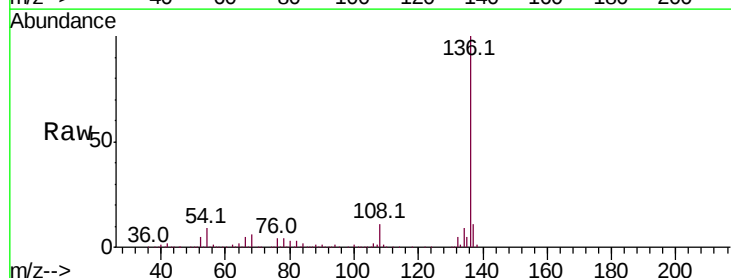
Delta R.T. 0.00 min

Lab File: BF108063.D

Acq: 9 Aug 2018 20:06

Tgt Ion:136 Resp: 1034750

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	5.8	5.0	7.4

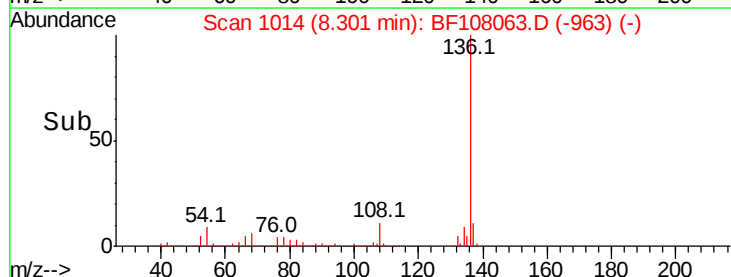


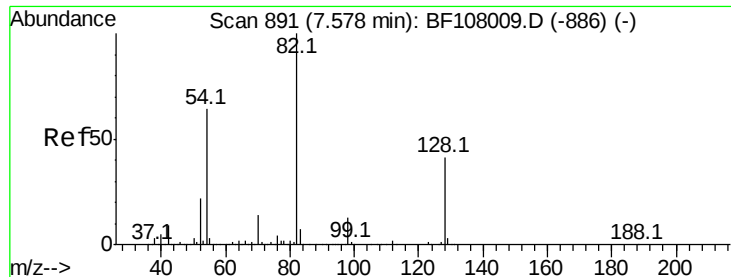
Abundance Ion 136.00 (135.70 to 136.70): E

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

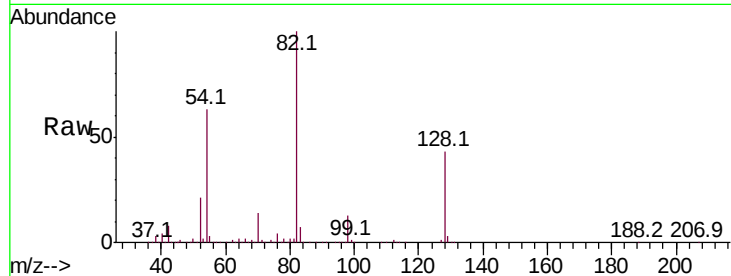




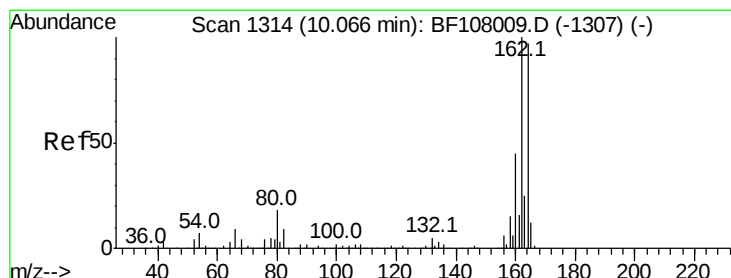
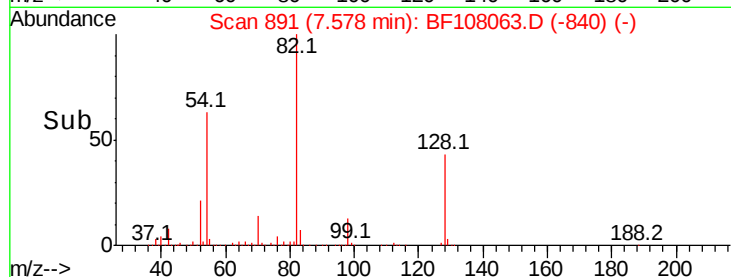
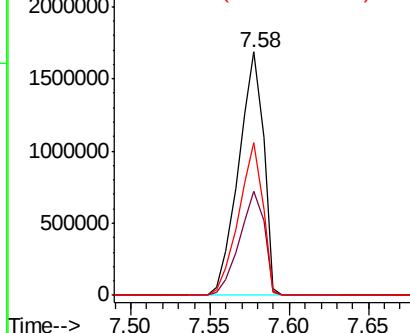
#23
Nitrobenzene-d5
Concen: 98.872 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108063.D
Acq: 9 Aug 2018 20:06

Instrument :
BNA_F
ClientSampleId :
S-1B

Tot Ion: 82 Resp: 1833429
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 62.5 41.4 62.2#

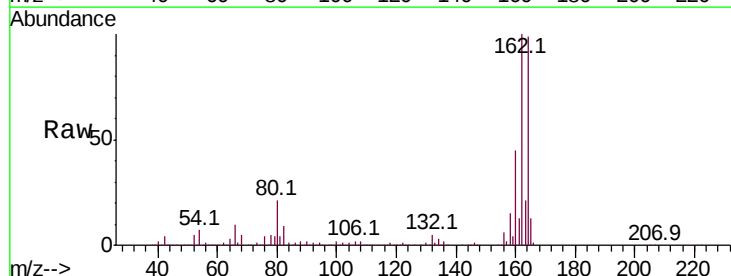


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

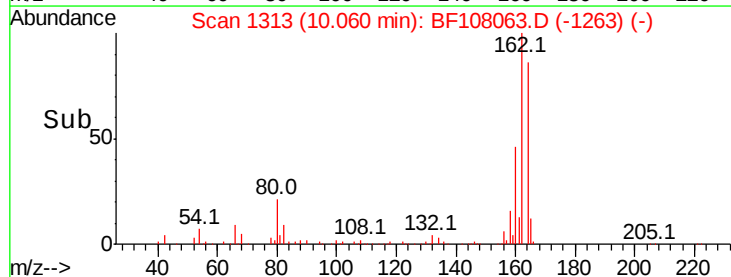
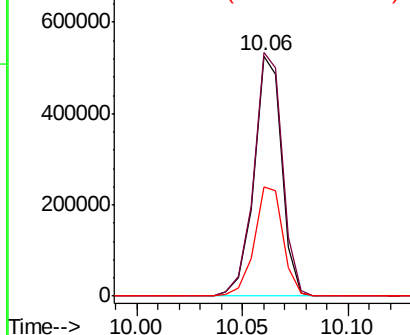


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108063.D
Acq: 9 Aug 2018 20:06

Tgt Ion:164 Resp: 482959
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 45.7 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

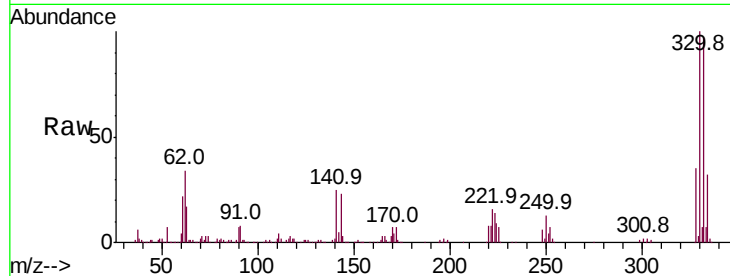




#41
 2,4,6-Tribromophenol
 Concen: 128.549 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108063.D
 Acq: 9 Aug 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 S-1B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.9	29.9	44.9

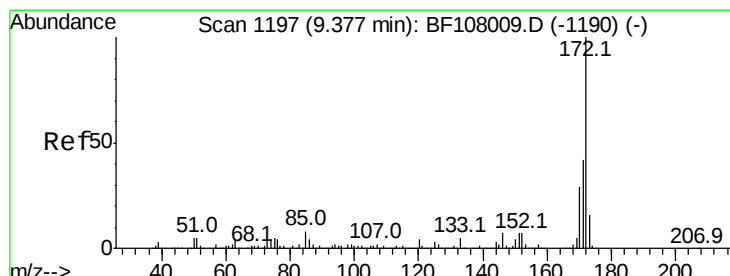
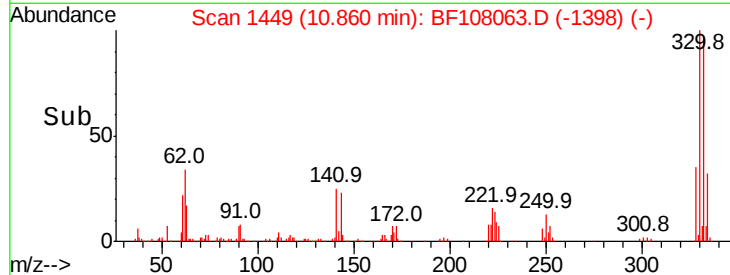
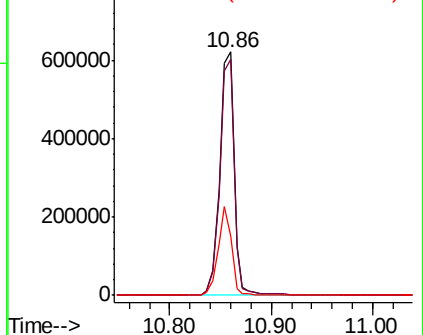


Abundance

Ion 329.80 (329.50 to 330.50): E

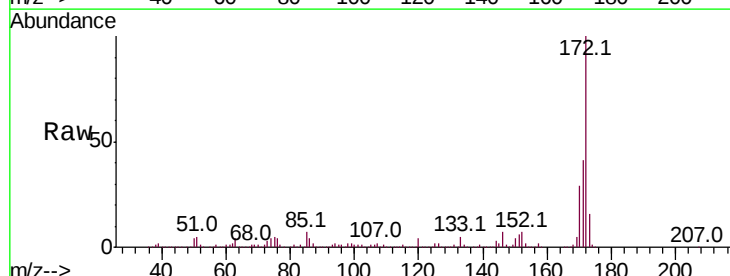
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.505 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108063.D
 Acq: 9 Aug 2018 20:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.2	29.7	44.5
170	28.7	19.6	29.4

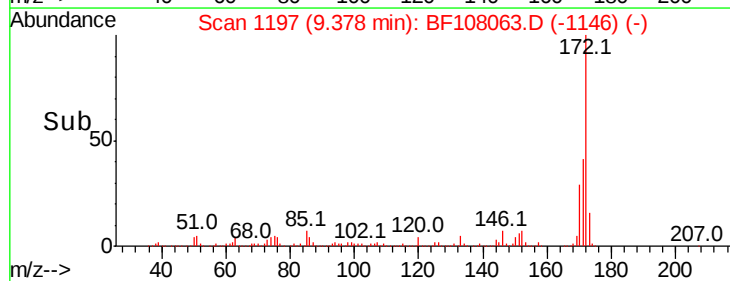
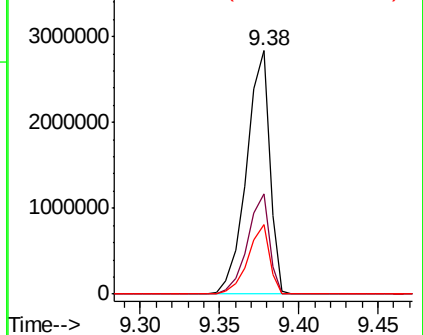


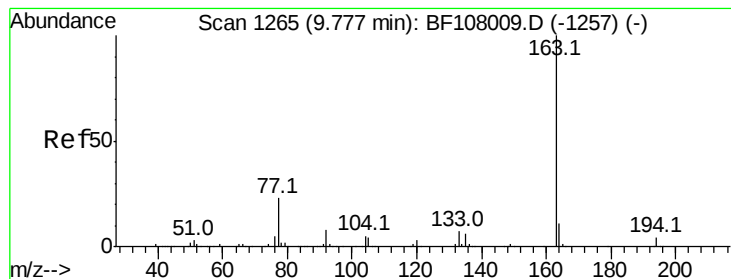
Abundance

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: 16.965 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108063.D

Acq: 9 Aug 2018 20:06

Instrument :

BNA_F

ClientSampleId :

S-1B

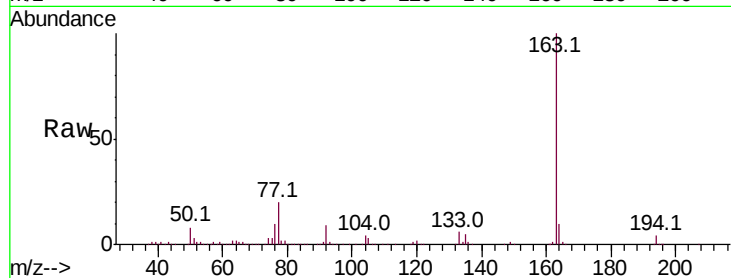
Tot Ion:163 Resp: 570735

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

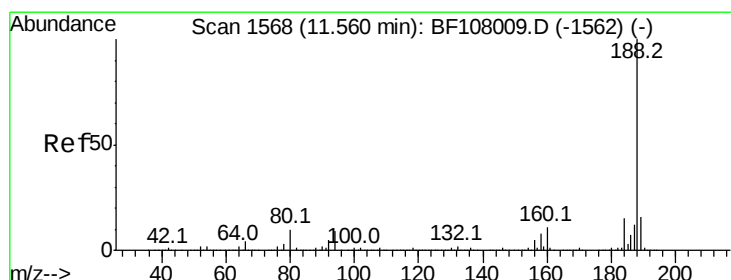
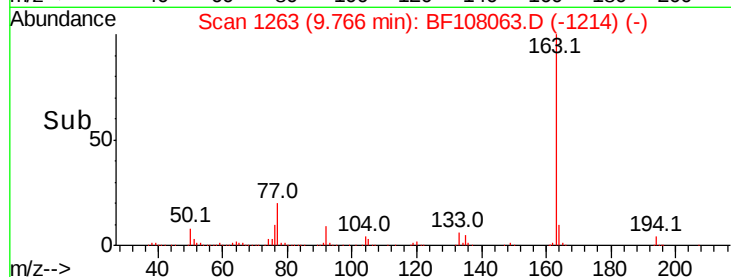
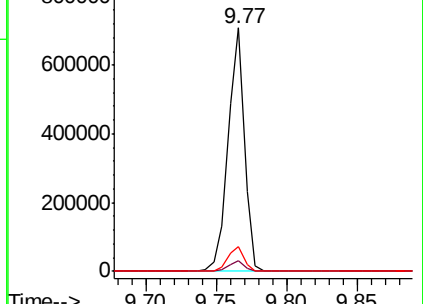
164 10.1 8.2 12.2



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: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108063.D

Acq: 9 Aug 2018 20:06

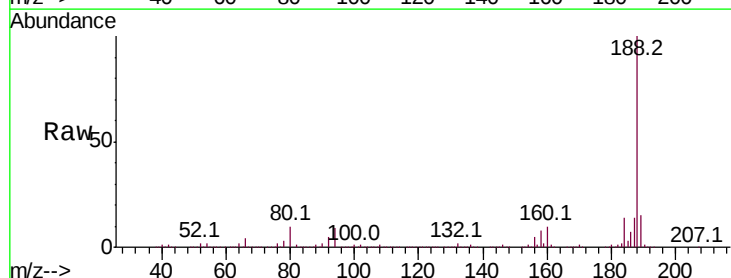
Tgt Ion:188 Resp: 793771

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

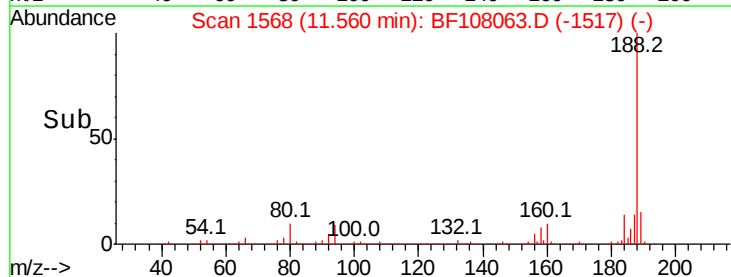
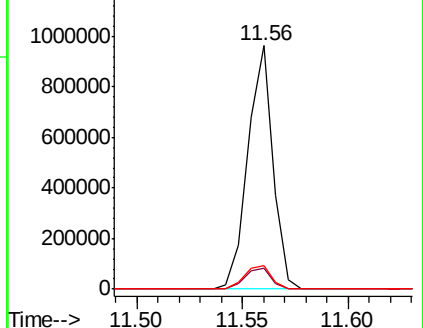
80 9.7 9.2 13.8

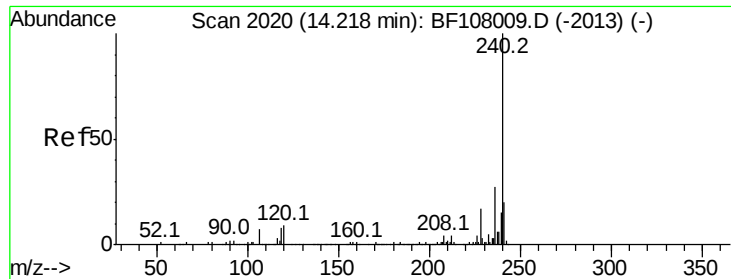


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2019

Delta R.T. -0.01 min

Lab File: BF108063.D

Acq: 9 Aug 2018 20:06

Instrument :

BNA_F

ClientSampleId :

S-1B

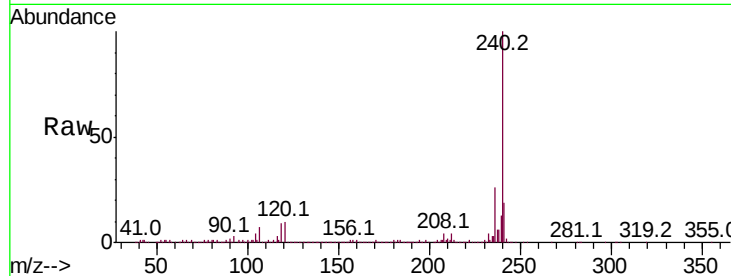
Tot Ion:240 Resp: 657577

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

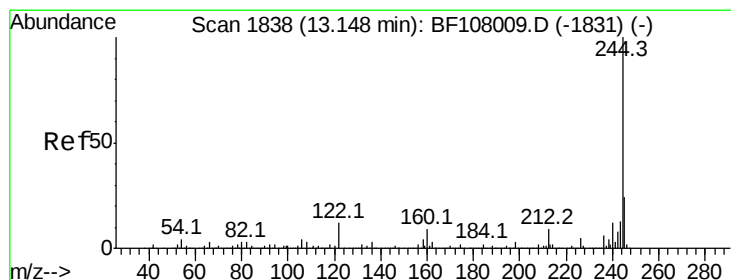
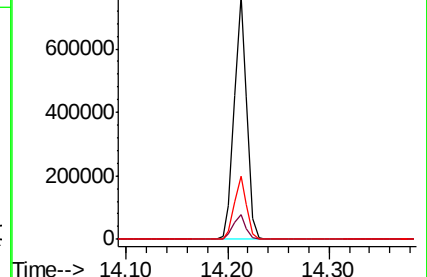
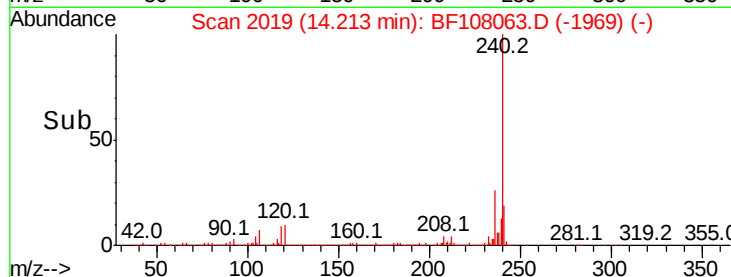
236 26.1 20.7 31.1



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: 92.815 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108063.D

Acq: 9 Aug 2018 20:06

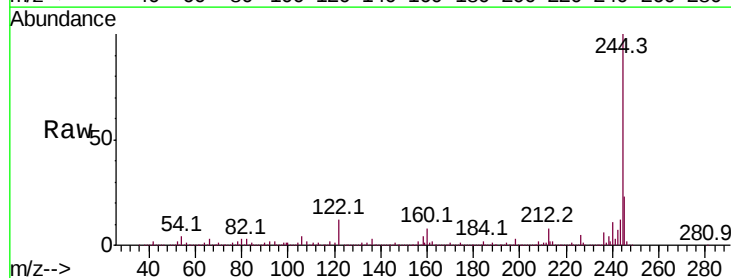
Tgt Ion:244 Resp: 2400435

Ion Ratio Lower Upper

244 100

212 8.4 5.4 8.0#

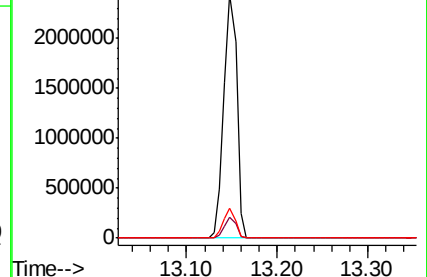
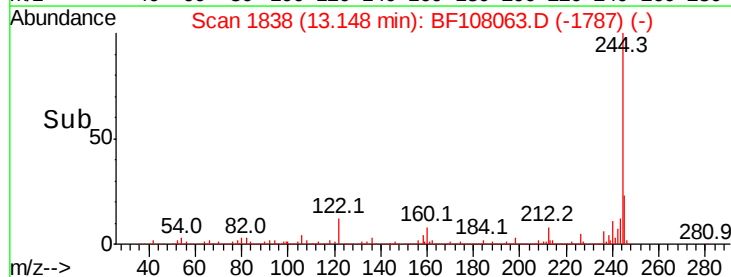
122 12.2 11.0 16.4

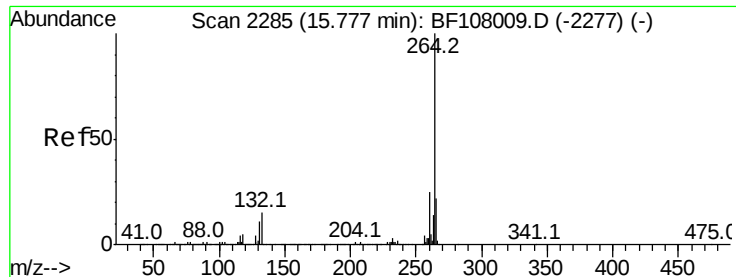


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108063.D
Acq: 9 Aug 2018 20:06

Instrument :
BNA_F
ClientSampleId :
S-1B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3

