

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108054.D
 Acq On : 9 Aug 2018 16:01
 Operator : JU/SJ
 Sample : J4271-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080818-C

Quant Time: Aug 10 09:08:28 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	295138	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1106578	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	504172	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	871785	20.00	ng	0.00
75) Chrysene-d12	14.21	240	708874	20.00	ng	0.00
86) Perylene-d12	15.78	264	530217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	652725	40.04	ng	0.00
7) Phenol-d6	6.62	99	863391	39.86	ng	0.00
23) Nitrobenzene-d5	7.57	82	532451	26.85	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	169201	33.65	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1011874	32.22	ng	0.00
78) Terphenyl-d14	13.15	244	901817	32.35	ng	0.00

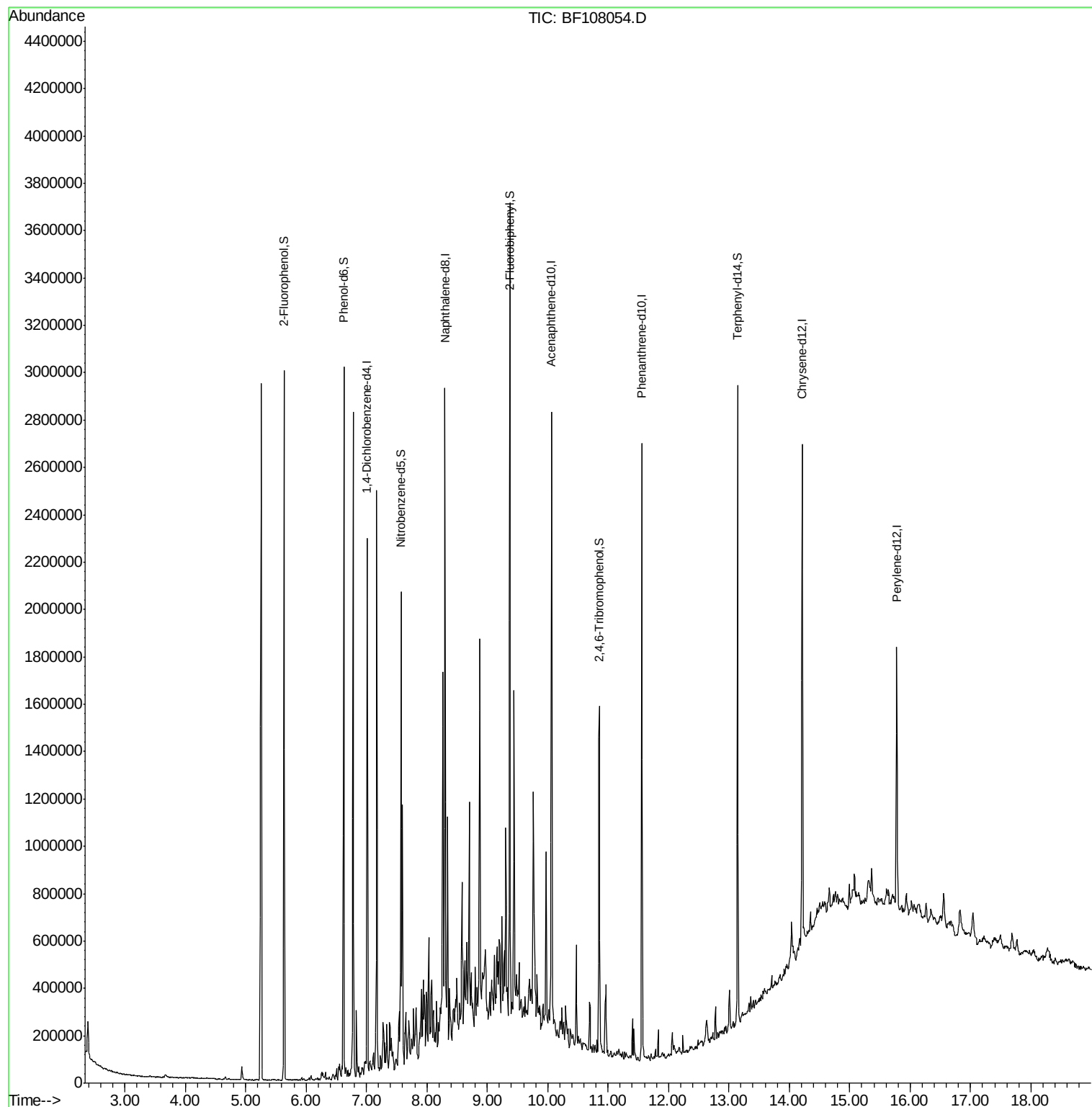
Target Compounds Qvalue

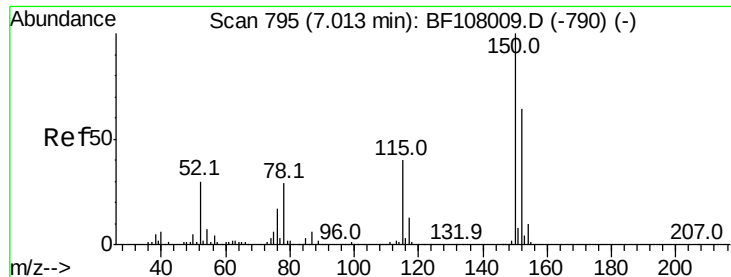
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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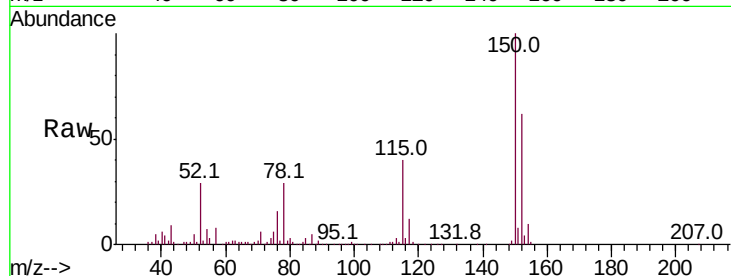


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108054.D
Acq: 9 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
HR-05-080818-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	63.7	50.1	75.1

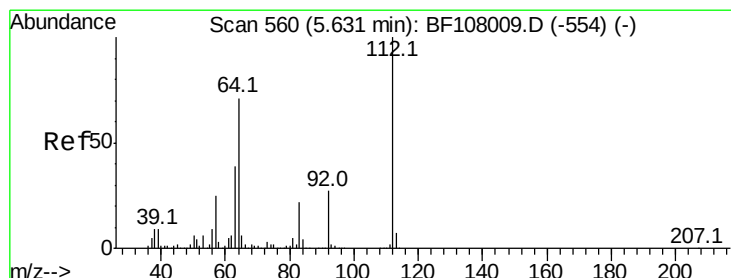
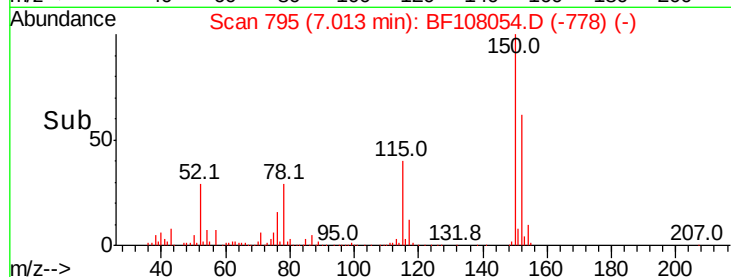
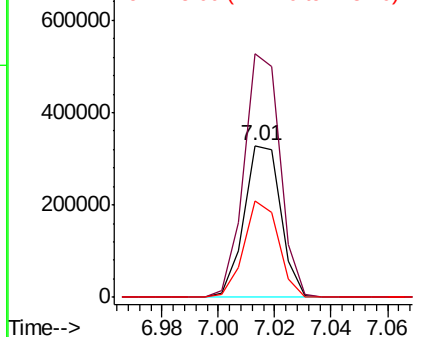


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

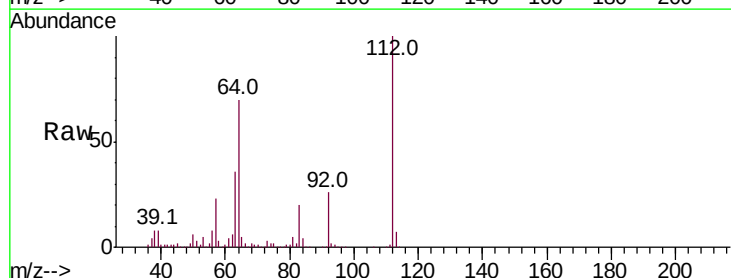
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.040 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108054.D
Acq: 9 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	47.9	71.9
63	36.4	23.7	35.5

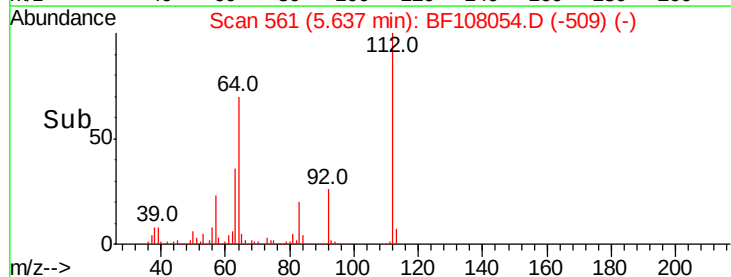
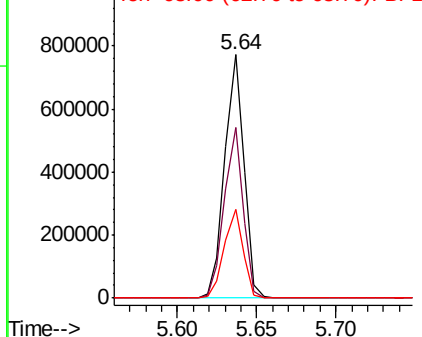


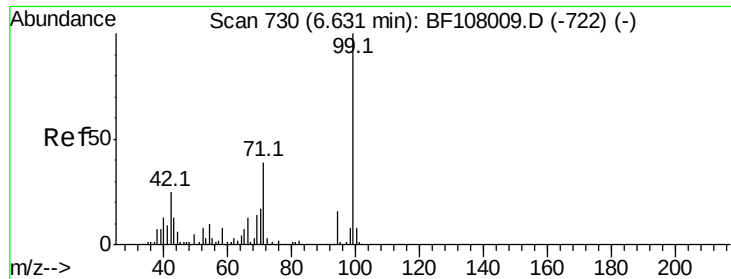
Abundance

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: 39.856 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108054.D

Acq: 9 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

HR-05-080818-C

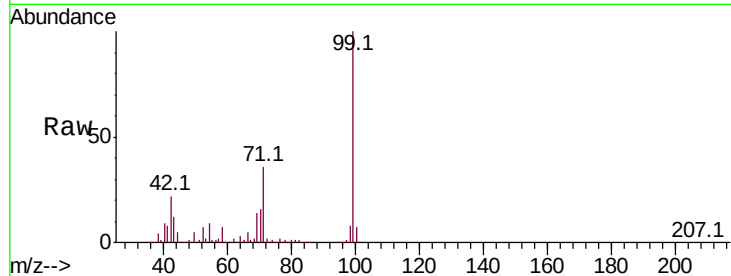
Tot Ion: 99 Resp: 863391

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

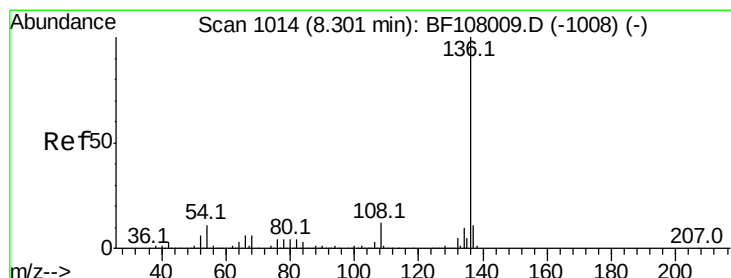
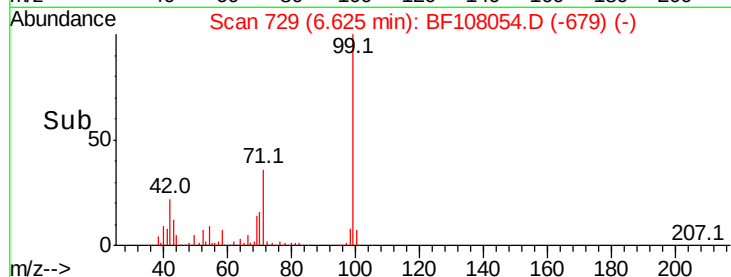
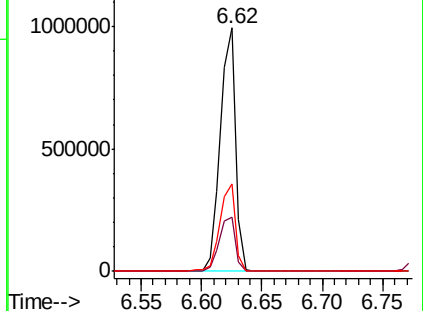
71 35.9 25.4 38.0



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: BF108054.D

Acq: 9 Aug 2018 16:01

Tgt Ion:136 Resp: 1106578

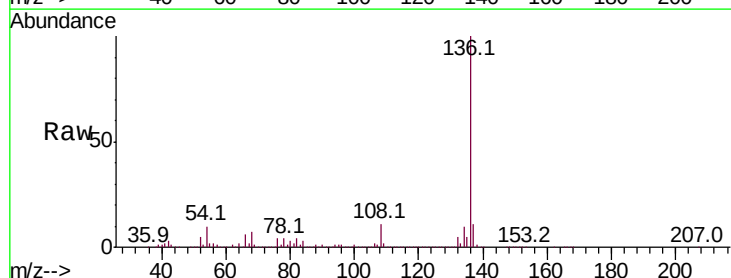
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.0 6.6 9.8#

68 6.5 5.0 7.4

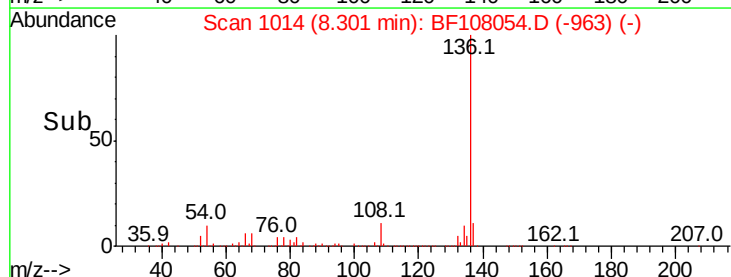
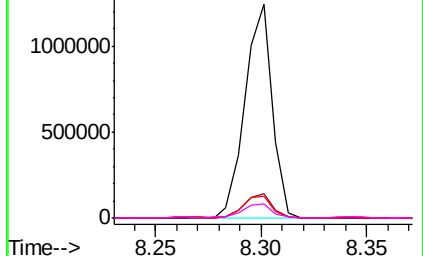


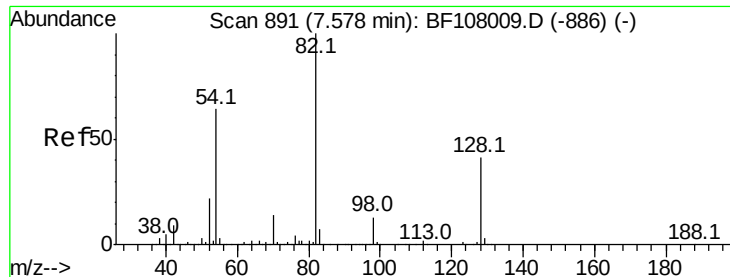
Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.850 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108054.D

Acq: 9 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

HR-05-080818-C

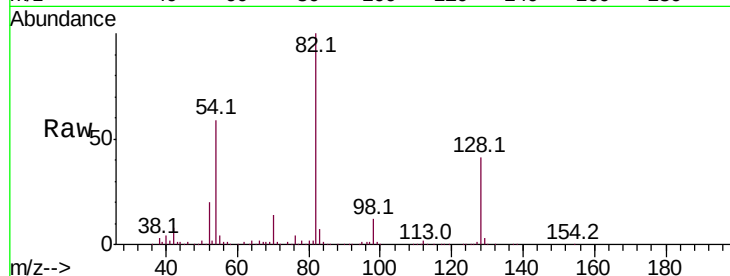
Tot Ion: 82 Resp: 532451

Ion Ratio Lower Upper

82 100

128 41.3 36.1 54.1

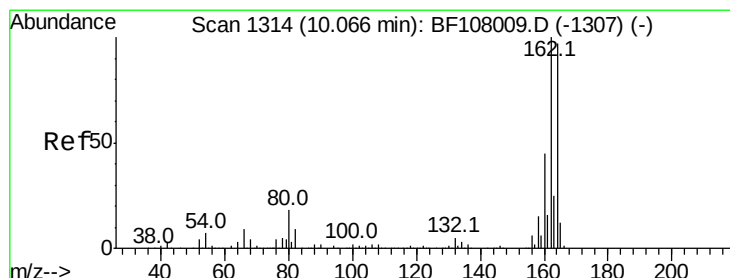
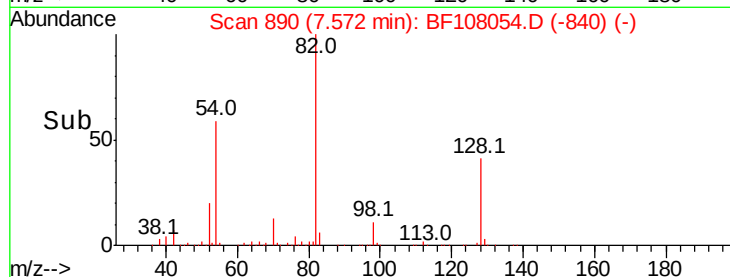
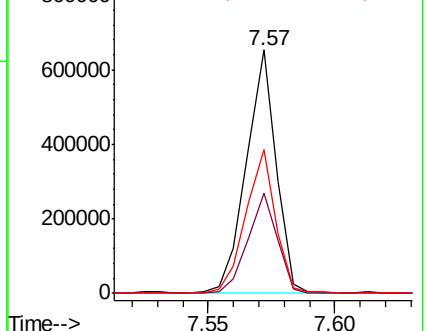
54 59.1 41.4 62.2



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: 10.07 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF108054.D

Acq: 9 Aug 2018 16:01

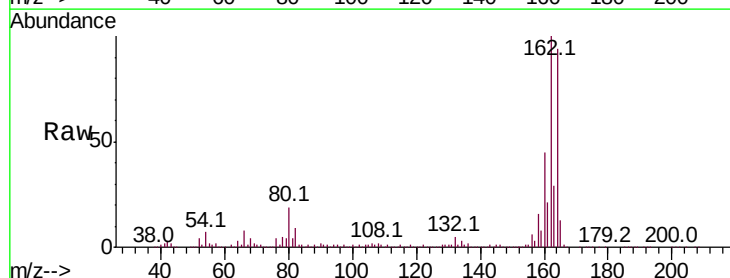
Tgt Ion:164 Resp: 504172

Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

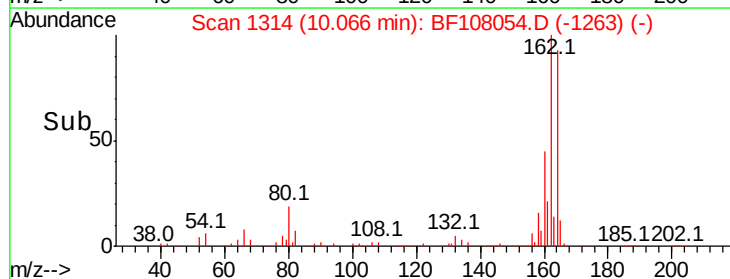
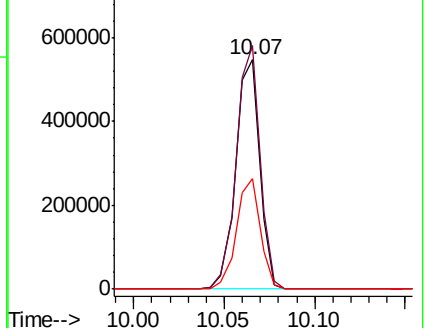
160 48.0 38.3 57.5

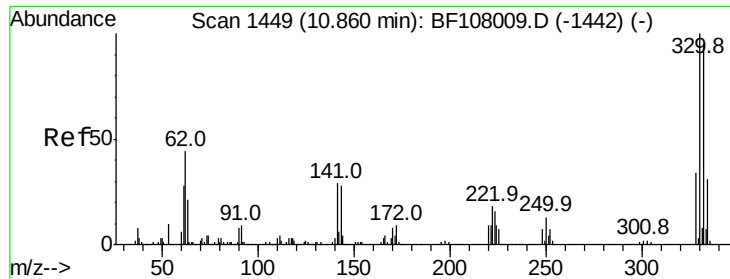


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

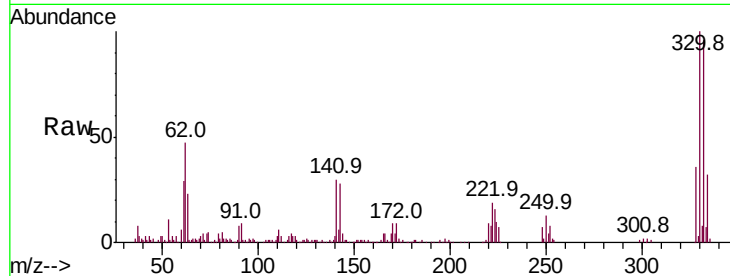




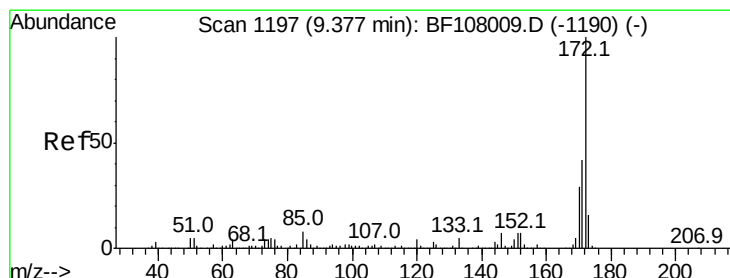
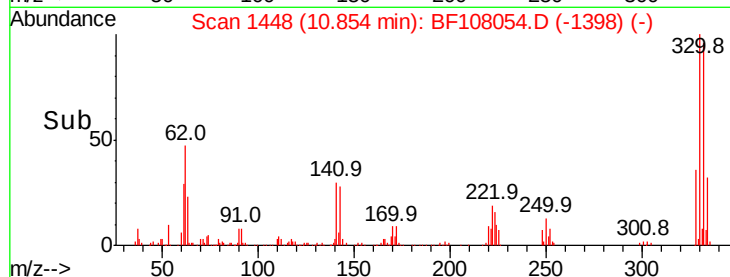
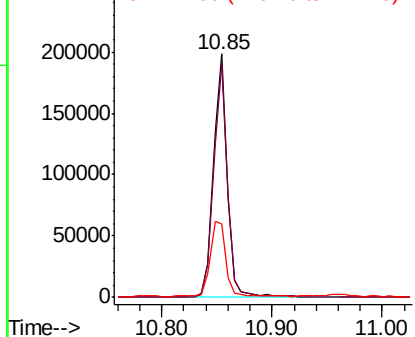
#41
 2,4,6-Tribromophenol
 Concen: 33.645 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108054.D
 Acq: 9 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080818-C

Tot Ion:330 Resp: 169201
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 35.3 29.9 44.9

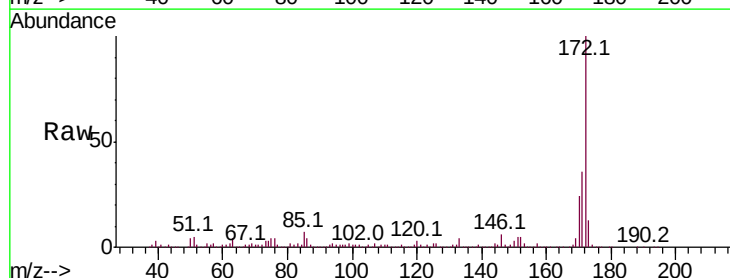


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

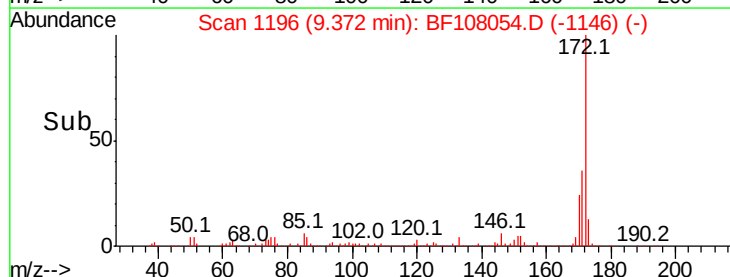
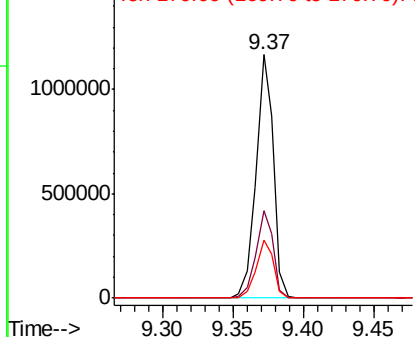


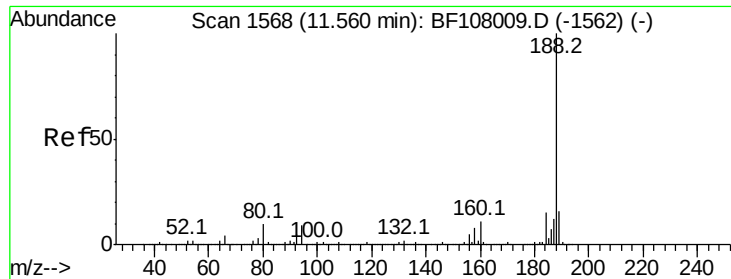
#44
 2-Fluorobiphenyl
 Concen: 32.222 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108054.D
 Acq: 9 Aug 2018 16:01

Tgt Ion:172 Resp: 1011874
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 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

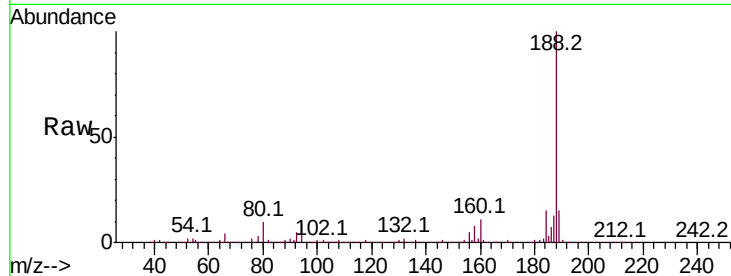




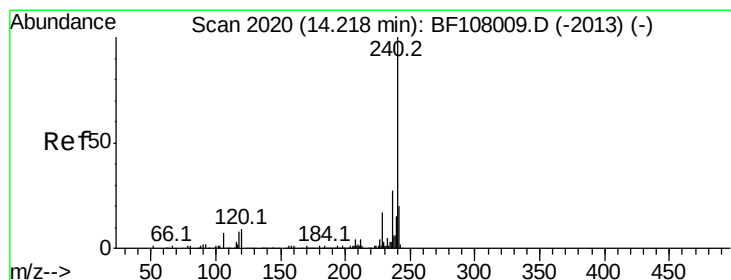
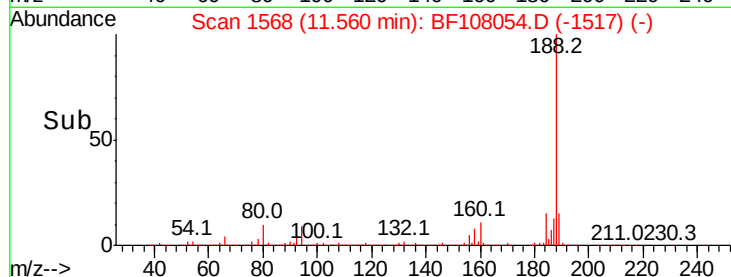
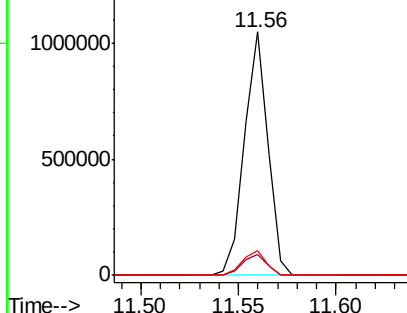
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108054.D
Acq: 9 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
HR-05-080818-C

Tot Ion:188 Resp: 871785
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 10.1 9.2 13.8

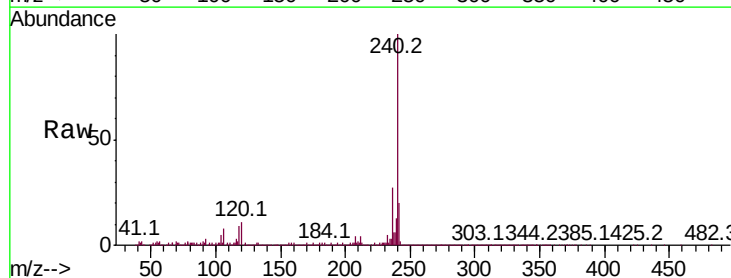


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

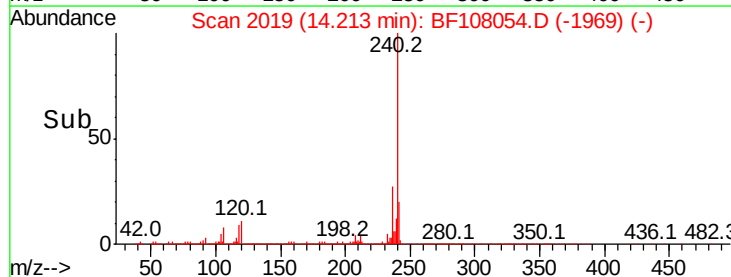
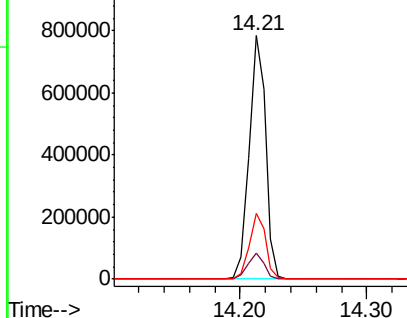


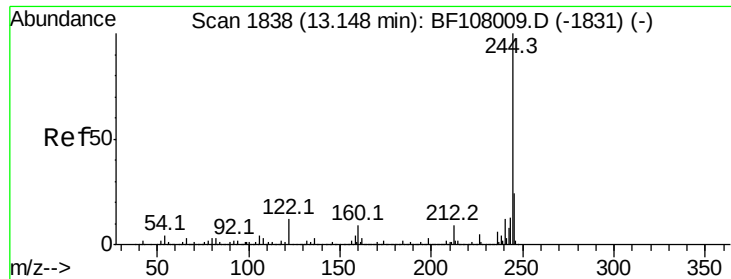
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108054.D
Acq: 9 Aug 2018 16:01

Tgt Ion:240 Resp: 708874
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.8 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: 32.346 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108054.D

Acq: 9 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

HR-05-080818-C

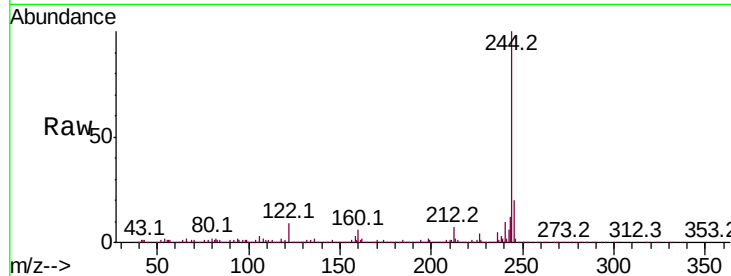
Tot Ion:244 Resp: 901817

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

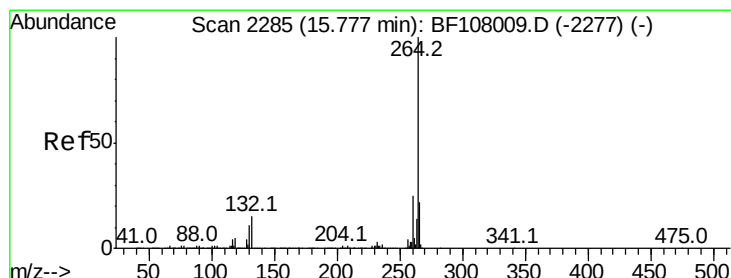
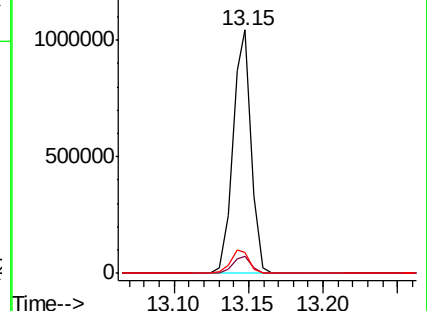
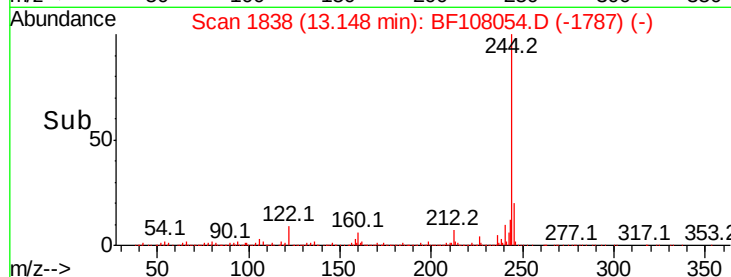
122 8.7 11.0 16.4#



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: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108054.D

Acq: 9 Aug 2018 16:01

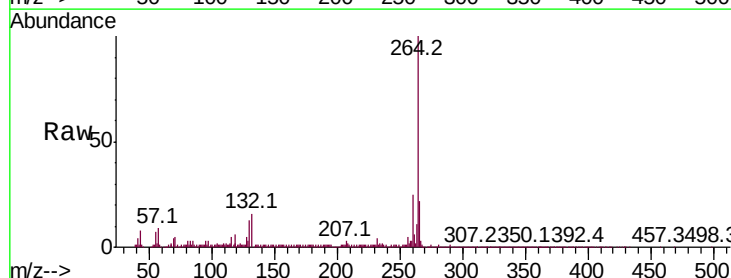
Tgt Ion:264 Resp: 530217

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 22.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

