

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108053.D
 Acq On : 9 Aug 2018 15:34
 Operator : JU/SJ
 Sample : J4271-03 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 09 18:38:53 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

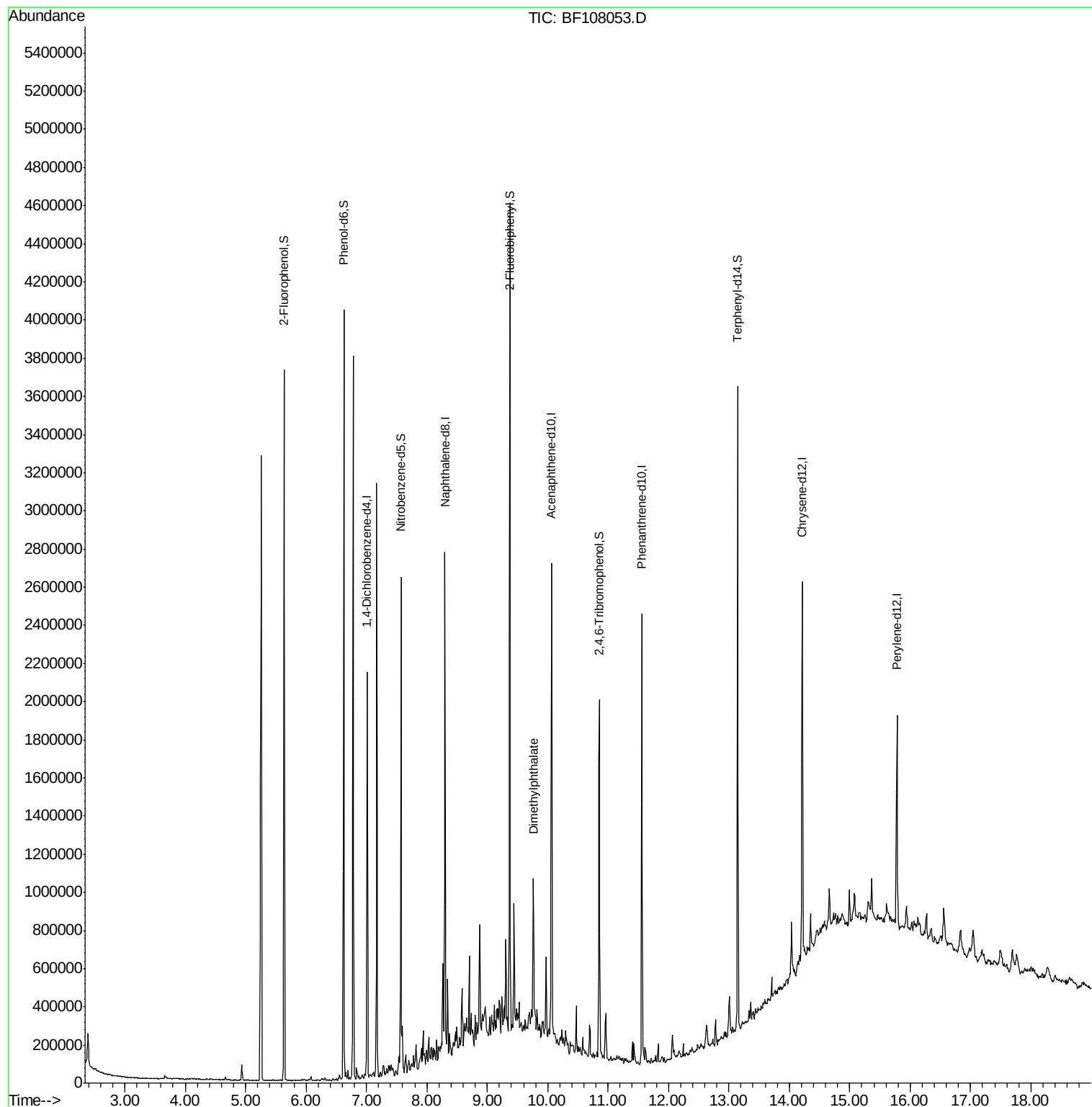
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	300822	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1101423	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	496724	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	812252	20.00	ng	0.00
75) Chrysene-d12	14.21	240	686189	20.00	ng	0.00
86) Perylene-d12	15.78	264	504951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	863515	51.97	ng	0.00
7) Phenol-d6	6.62	99	1142231	51.73	ng	0.00
23) Nitrobenzene-d5	7.57	82	711197	36.03	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	208956	42.17	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1275730	41.23	ng	0.00
78) Terphenyl-d14	13.15	244	1074518	39.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	107029	3.093	ng	Qvalue # 97

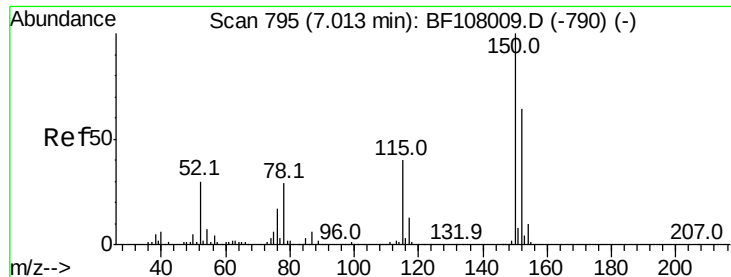
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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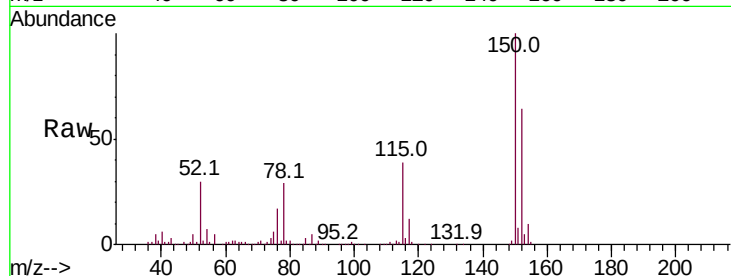


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108053.D
Acq: 9 Aug 2018 15:34

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	61.3	50.1	75.1

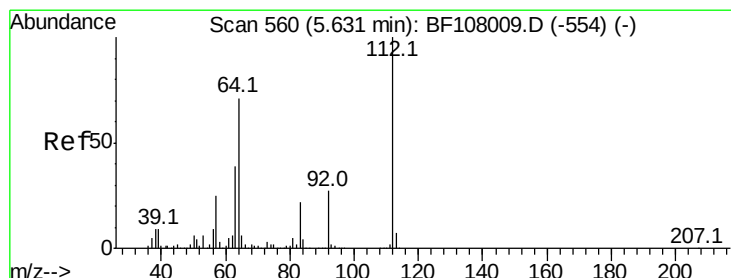
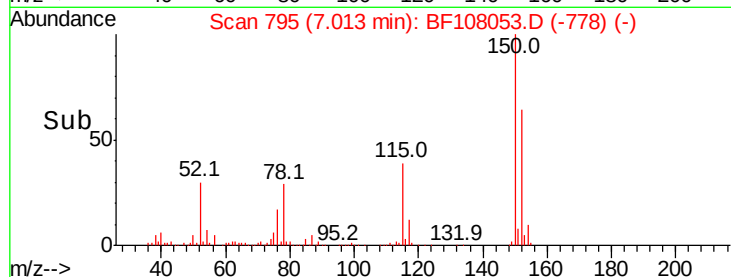
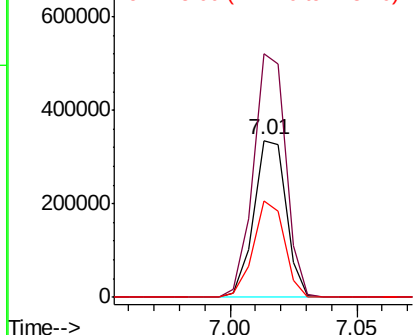


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

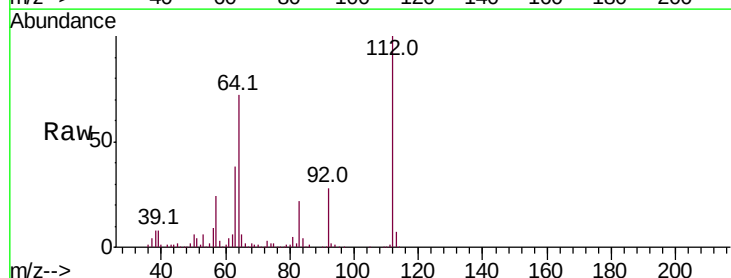
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.969 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108053.D
Acq: 9 Aug 2018 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	47.9	71.9#
63	38.2	23.7	35.5#

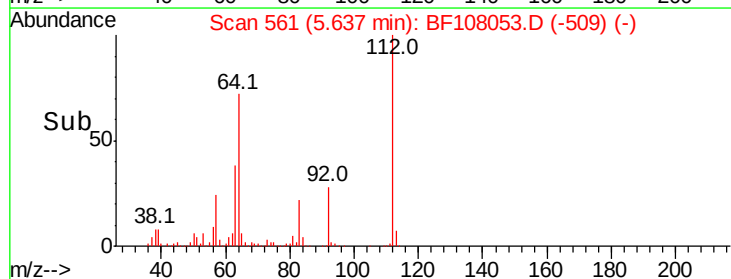
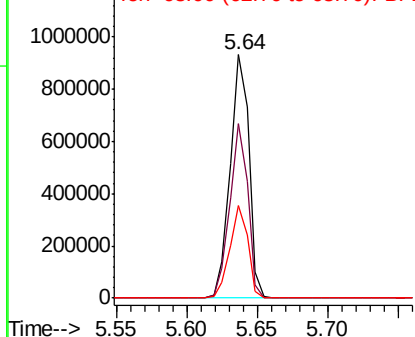


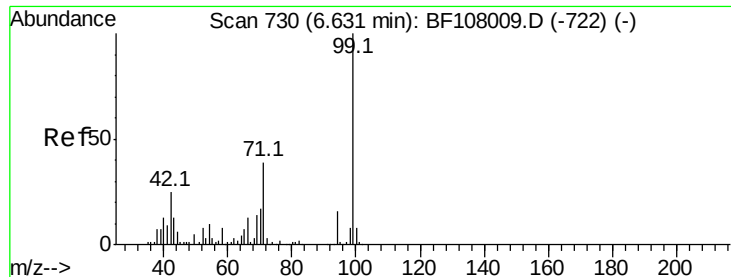
Abundance

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: 51.731 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108053.D

Acq: 9 Aug 2018 15:34

Instrument :

BNA_F

ClientSampleId :

HR-05-080818-B

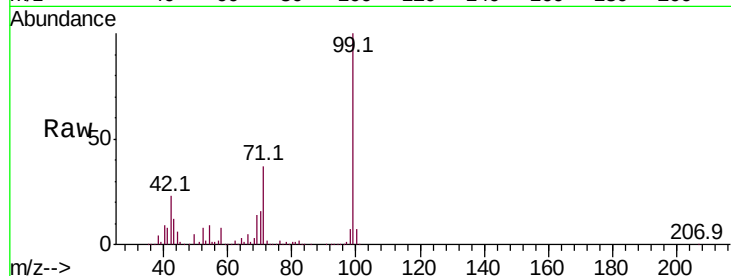
Tot Ion: 99 Resp: 1142231

Ion Ratio Lower Upper

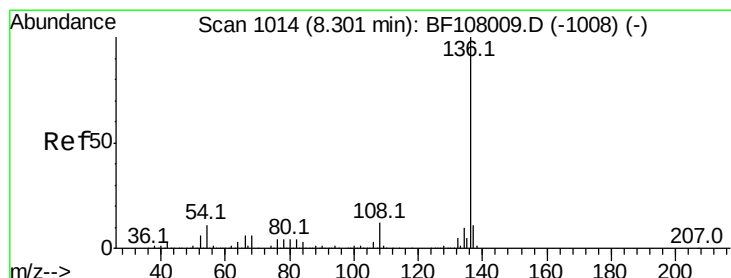
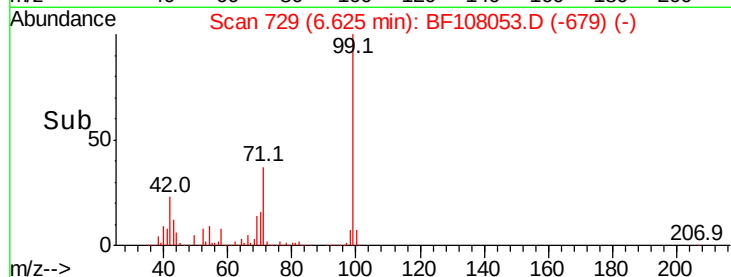
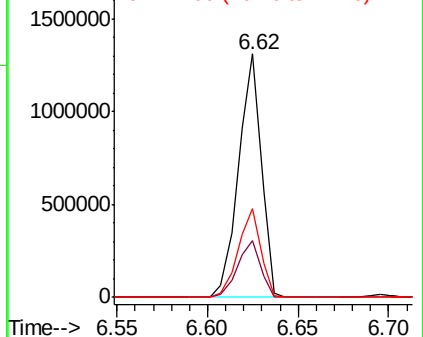
99 100

42 23.4 14.5 21.7#

71 36.6 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: BF108053.D

Acq: 9 Aug 2018 15:34

Tgt Ion: 136 Resp: 1101423

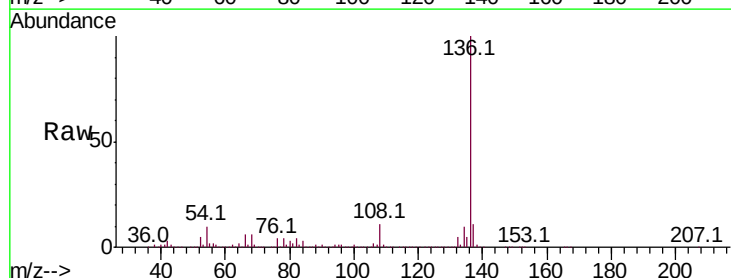
Ion Ratio Lower Upper

136 100

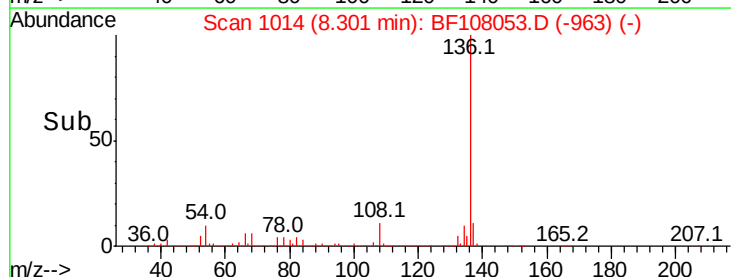
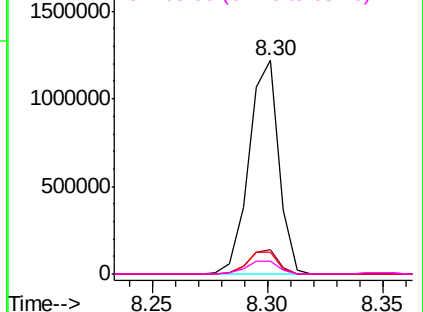
137 11.3 8.9 13.3

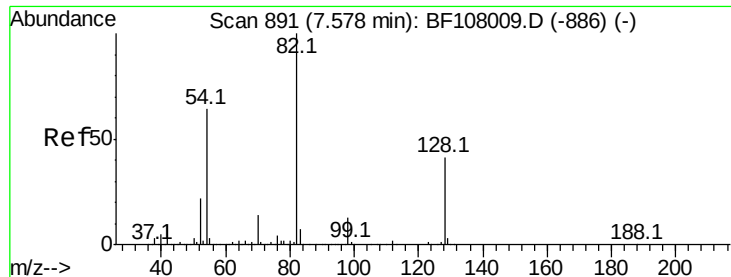
54 9.9 6.6 9.8#

68 6.1 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

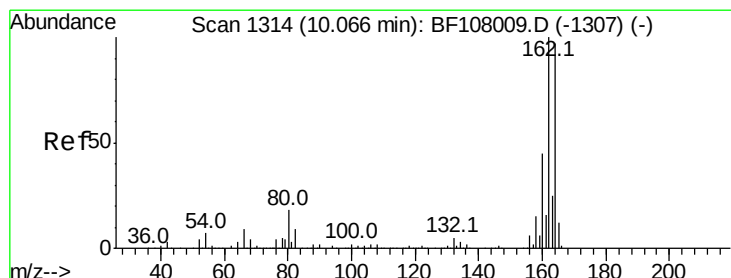
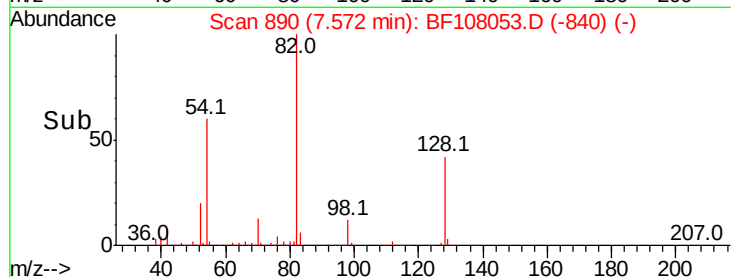
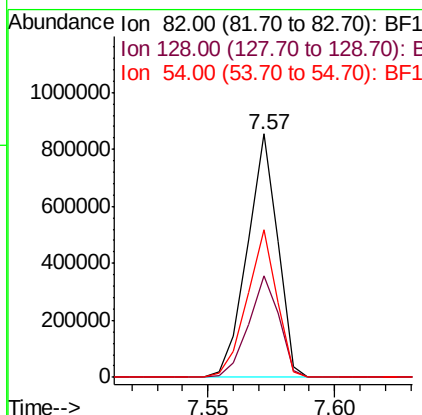
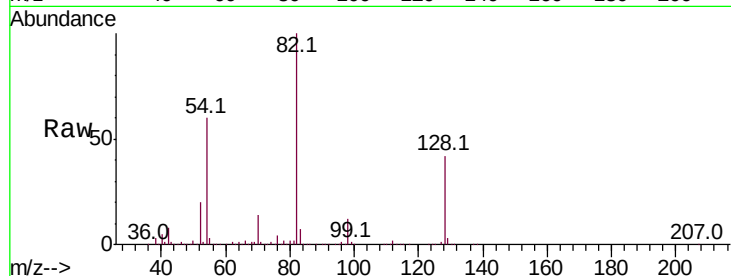




#23
Nitrobenzene-d5
Concen: 36.031 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108053.D
Acq: 9 Aug 2018 15:34

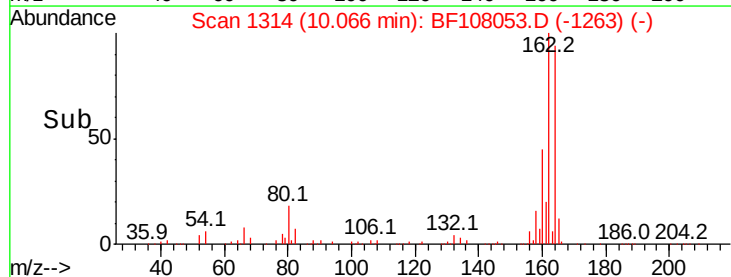
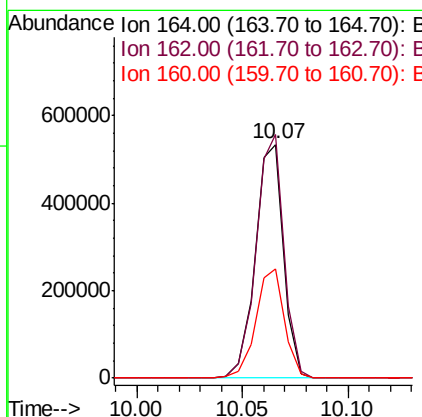
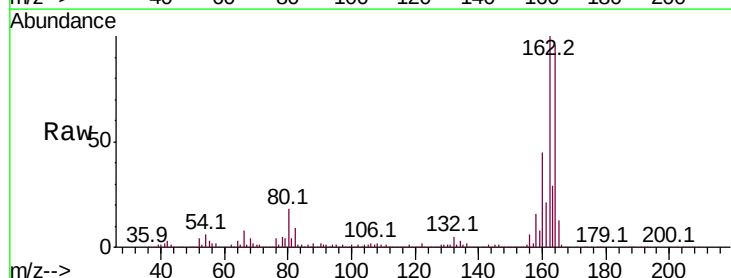
Instrument :
BNA_F
ClientSampleId :
HR-05-080818-B

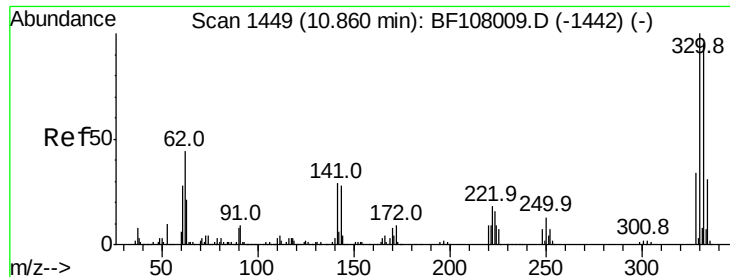
Tot Ion	82	Resp	711197
Ion Ratio	Lower	Upper	
82	100		
128	41.7	36.1	54.1
54	60.5	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108053.D
Acq: 9 Aug 2018 15:34

Tgt Ion	164	Resp	496724
Ion Ratio	Lower	Upper	
164	100		
162	104.2	86.1	129.1
160	47.0	38.3	57.5

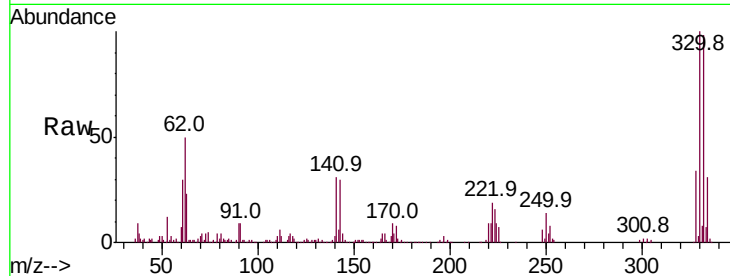




#41
 2,4,6-Tribromophenol
 Concen: 42.173 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108053.D
 Acq: 9 Aug 2018 15:34

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	34.3	29.9	44.9

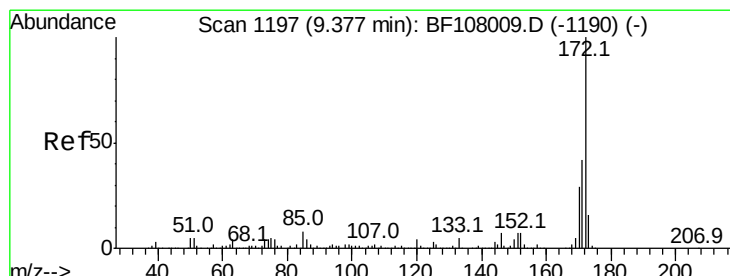
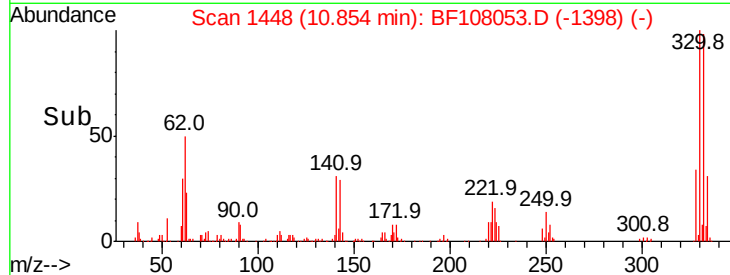
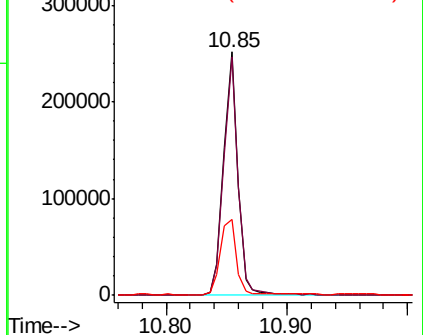


Abundance

Ion 329.80 (329.50 to 330.50): E

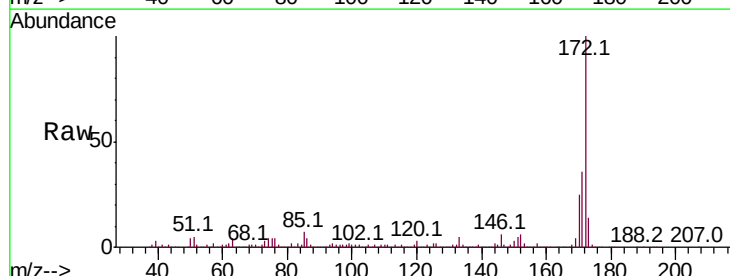
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 41.233 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108053.D
 Acq: 9 Aug 2018 15:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4

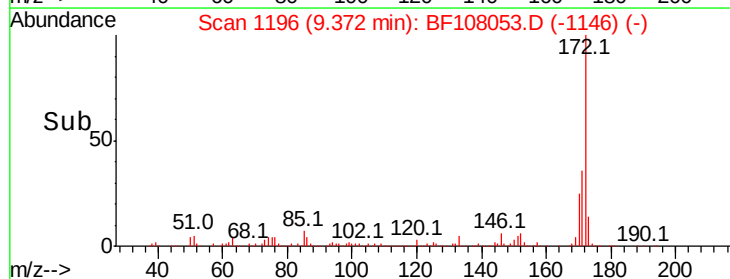
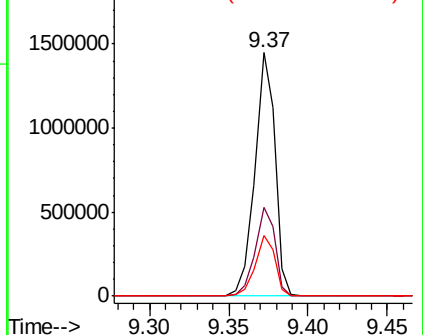


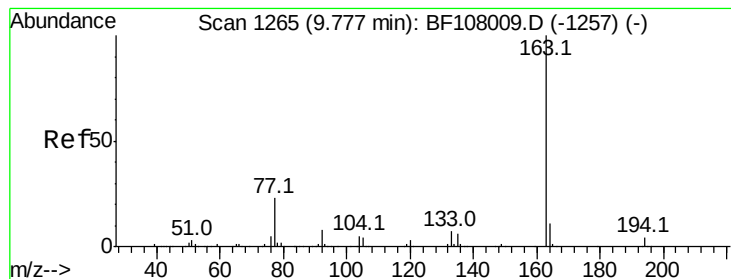
Abundance

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: 3.093 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108053.D

Acq: 9 Aug 2018 15:34

Instrument :

BNA_F

ClientSampleId :

HR-05-080818-B

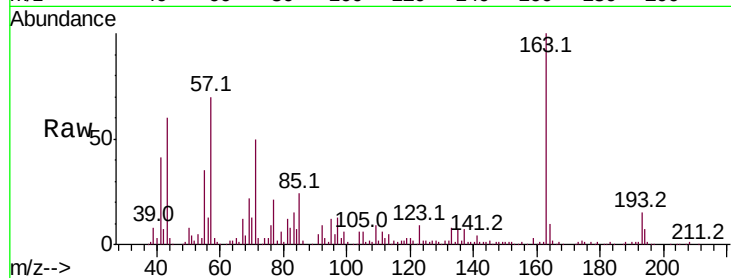
Tot Ion:163 Resp: 107029

Ion Ratio Lower Upper

163 100

194 6.9 2.7 4.1#

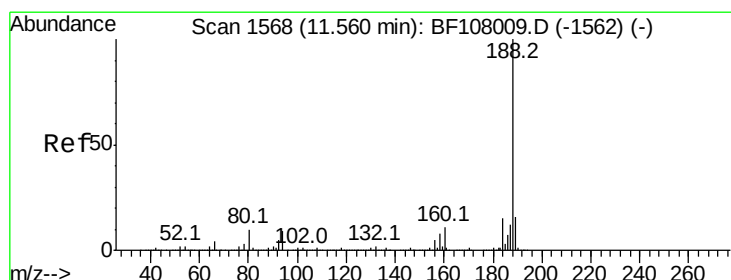
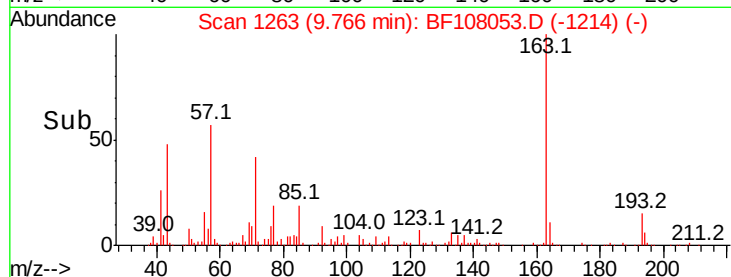
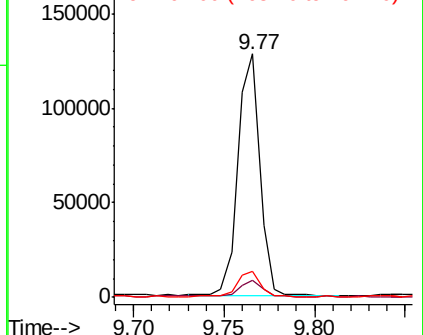
164 10.5 8.2 12.2



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: BF108053.D

Acq: 9 Aug 2018 15:34

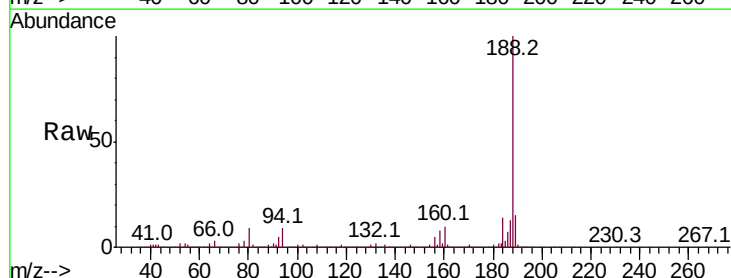
Tgt Ion:188 Resp: 812252

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

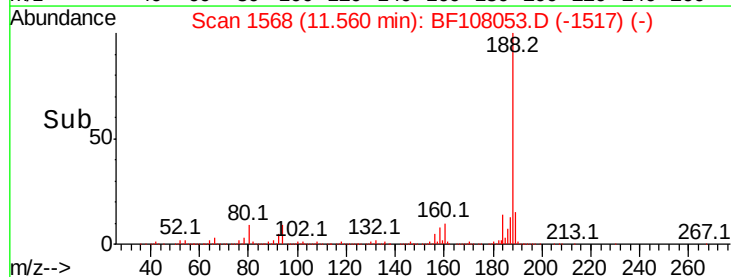
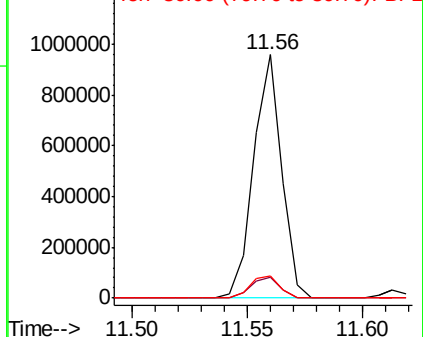
80 9.3 9.2 13.8

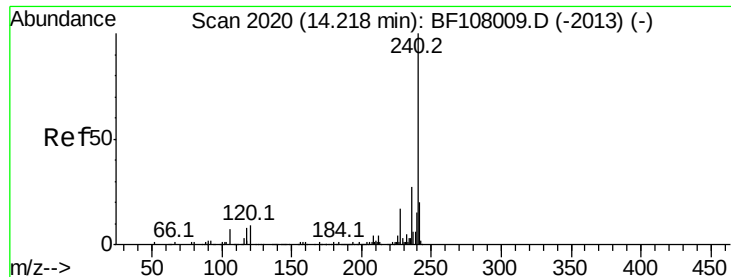


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF108053.D

Acq: 9 Aug 2018 15:34

Instrument :

BNA_F

ClientSampleId :

HR-05-080818-B

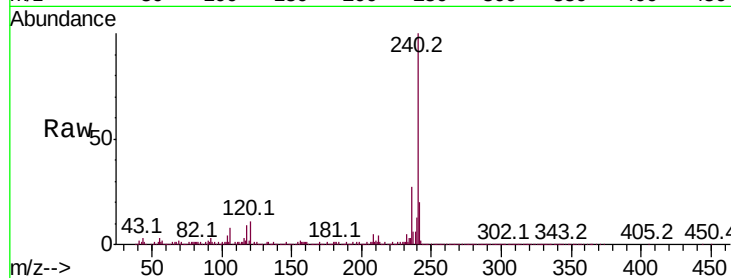
Tot Ion:240 Resp: 686189

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

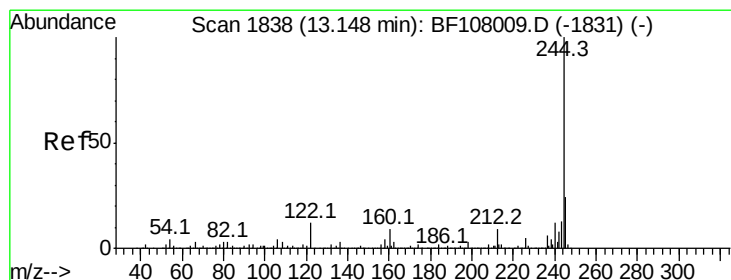
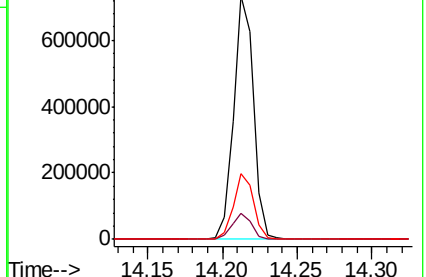
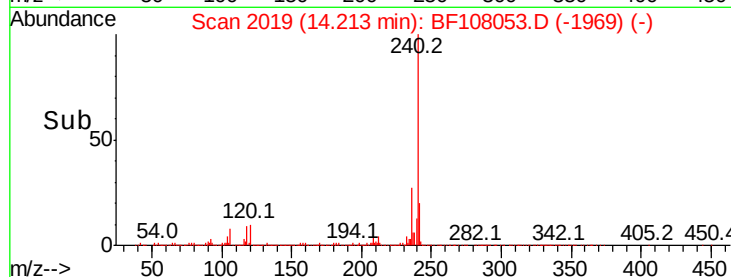
236 27.1 20.7 31.1



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: 39.815 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108053.D

Acq: 9 Aug 2018 15:34

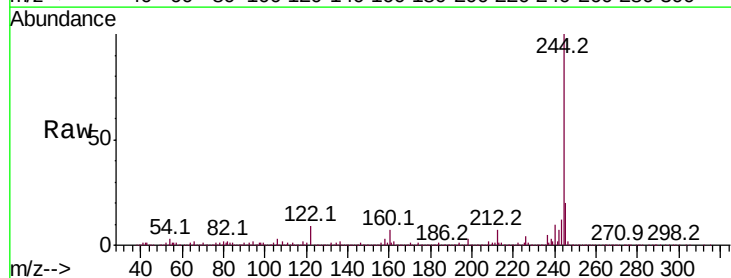
Tgt Ion:244 Resp: 1074518

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

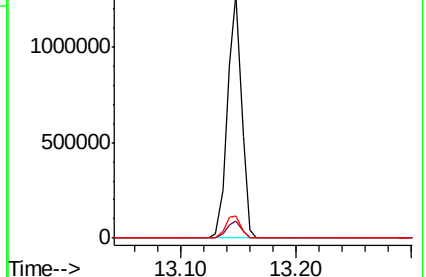
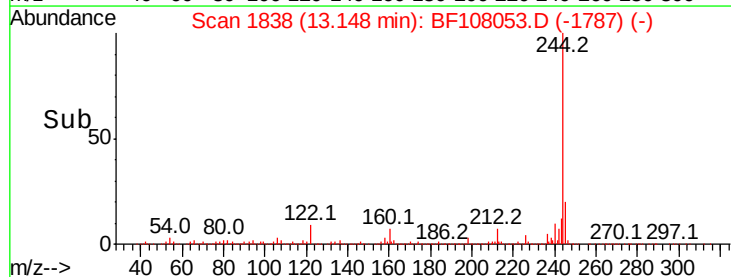
122 9.1 11.0 16.4#

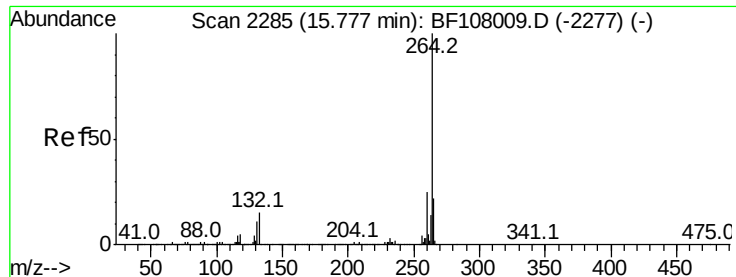


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108053.D
 Acq: 9 Aug 2018 15:34

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	20.3	17.5	26.3

