

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108052.D
 Acq On : 9 Aug 2018 15:07
 Operator : JU/SJ
 Sample : J4271-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 09 18:34:56 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

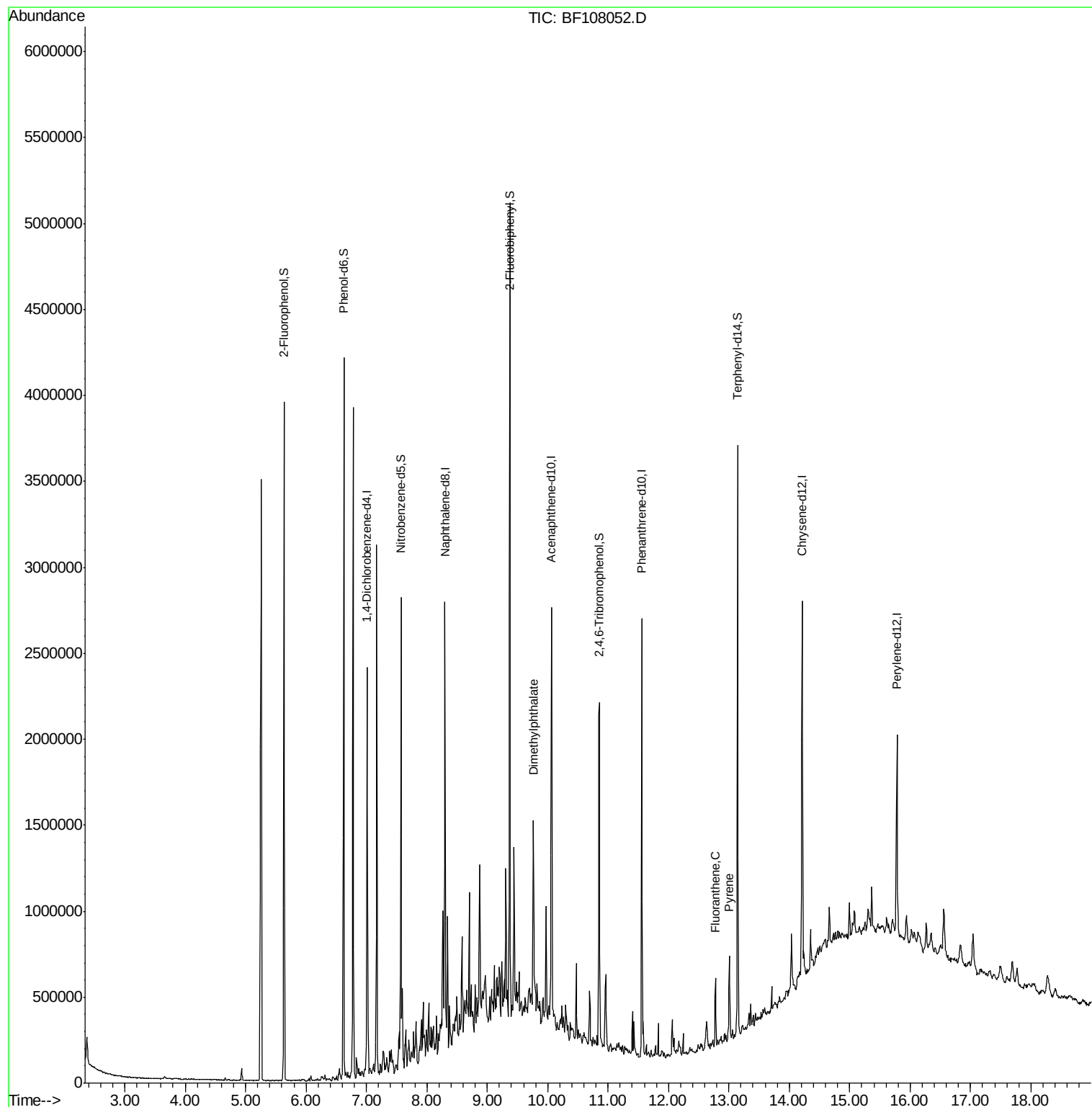
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	297396	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1107717	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	506669	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	844198	20.00	ng	0.00
75) Chrysene-d12	14.21	240	717255	20.00	ng	0.00
86) Perylene-d12	15.78	264	542877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	887534	54.03	ng	0.00
7) Phenol-d6	6.62	99	1176662	53.90	ng	0.00
23) Nitrobenzene-d5	7.57	82	737228	37.14	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	235634	46.62	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1352494	42.86	ng	0.00
78) Terphenyl-d14	13.15	244	1158532	41.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	108146	3.064	ng	Qvalue # 96
74) Fluoranthene	12.78	202	143474	3.302	ng	94
77) Pyrene	13.01	202	145144	3.196	ng	100

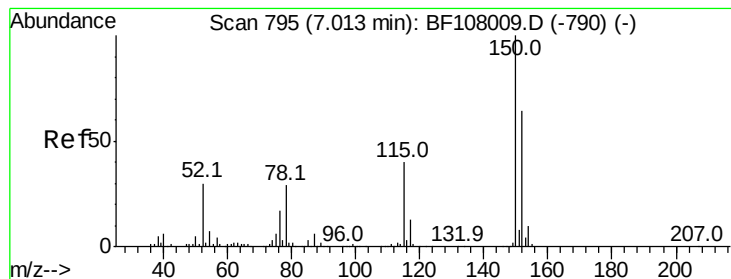
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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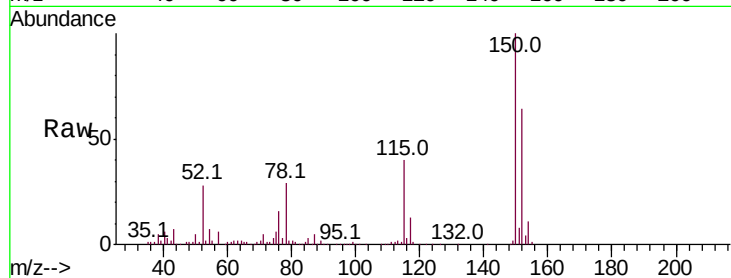


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108052.D
Acq: 9 Aug 2018 15:07

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	63.1	50.1	75.1

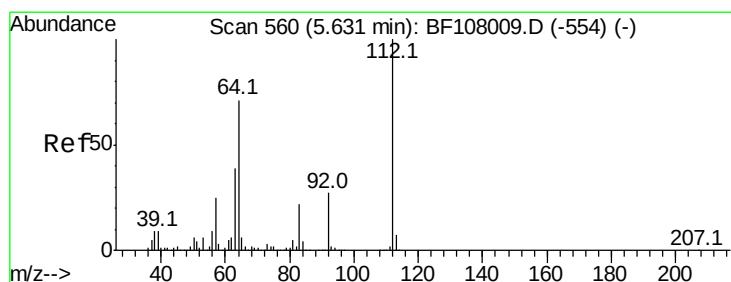
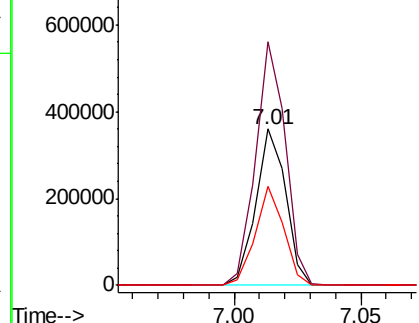
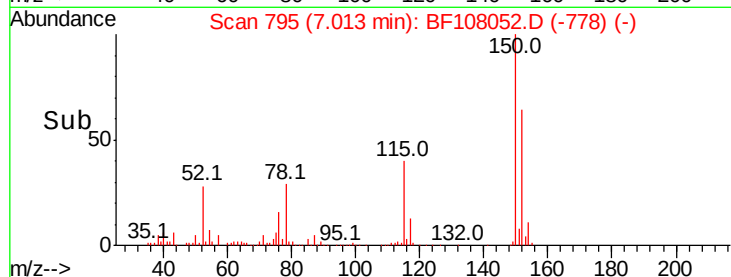


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

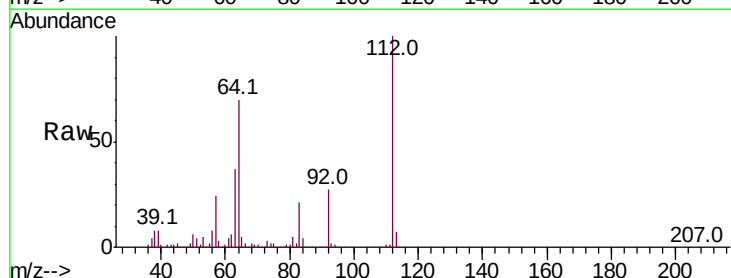
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.030 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108052.D
Acq: 9 Aug 2018 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	47.9	71.9
63	36.6	23.7	35.5#

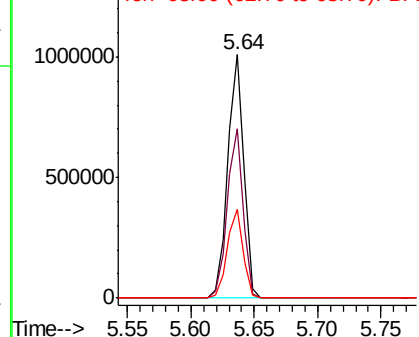
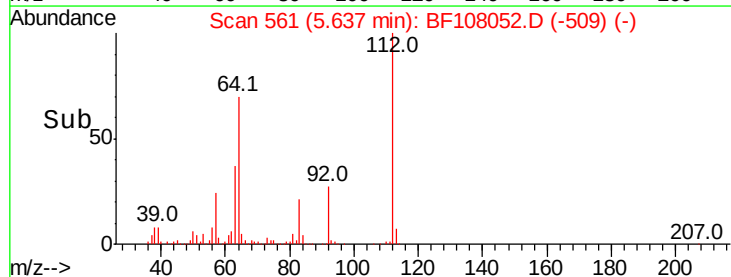


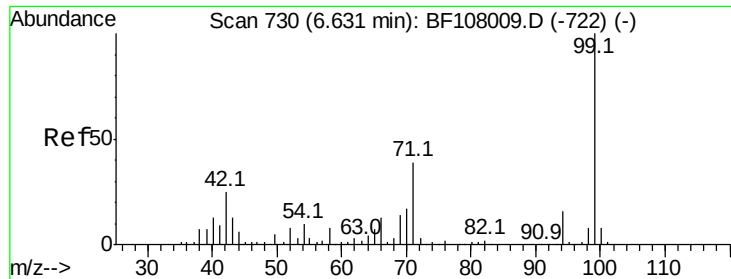
Abundance

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: 53.904 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108052.D

Acq: 9 Aug 2018 15:07

Instrument :

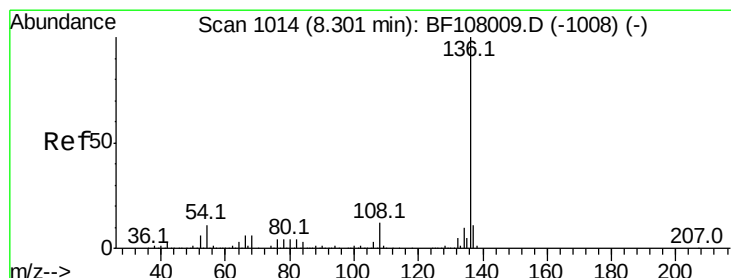
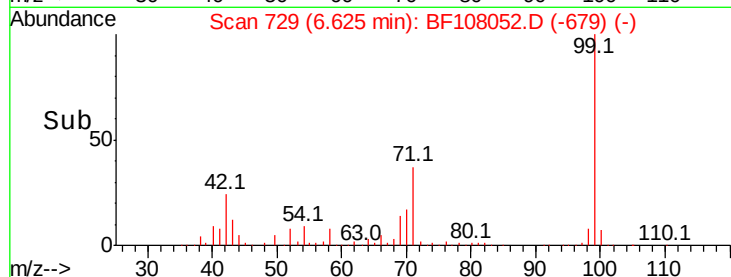
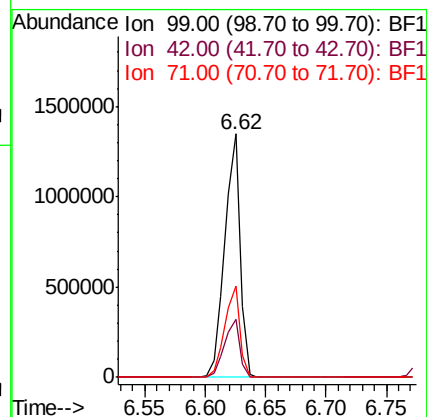
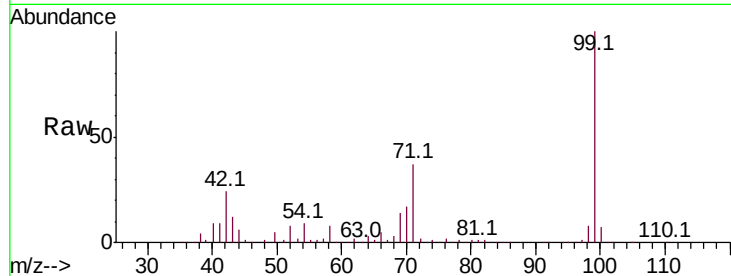
BNA_F

ClientSampleId :

HR-05-080818-A

Tot Ion: 99 Resp: 1176662

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.5	21.7#
71	37.4	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

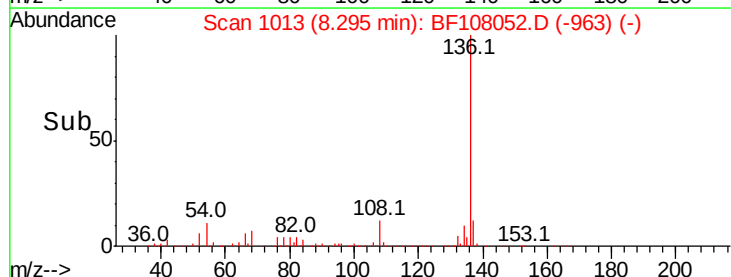
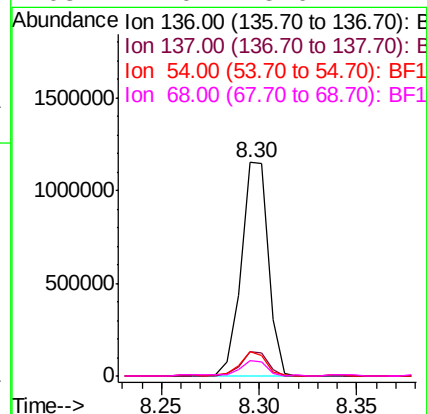
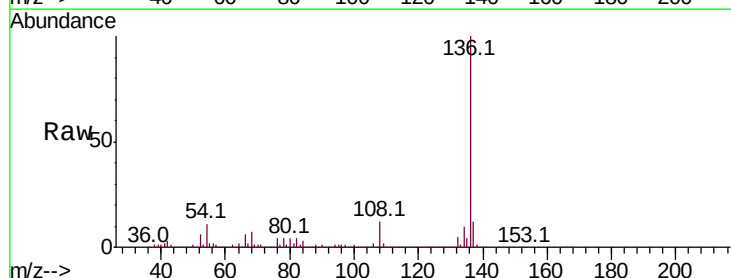
Delta R.T. -0.01 min

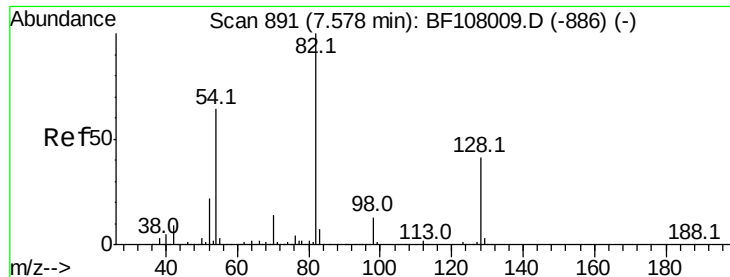
Lab File: BF108052.D

Acq: 9 Aug 2018 15:07

Tgt Ion: 136 Resp: 1107717

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	11.3	6.6	9.8#
68	7.0	5.0	7.4

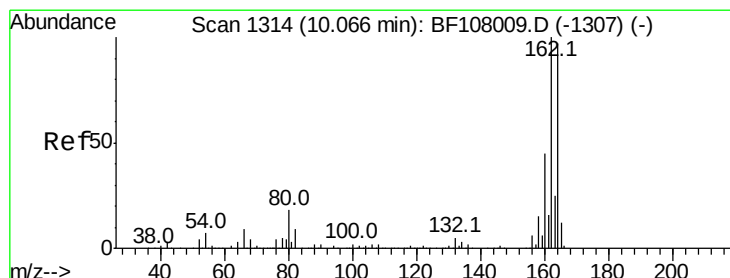
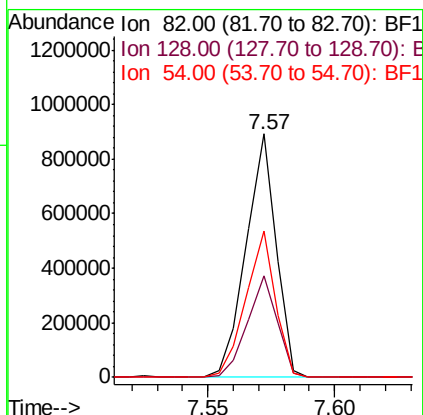
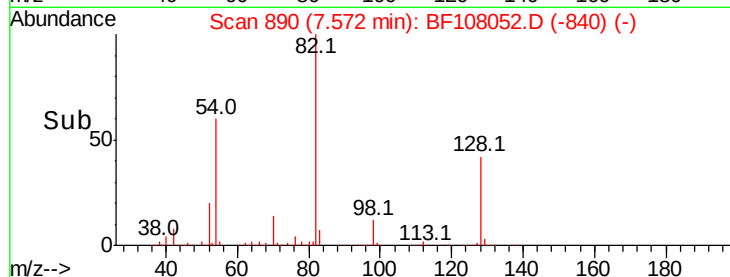
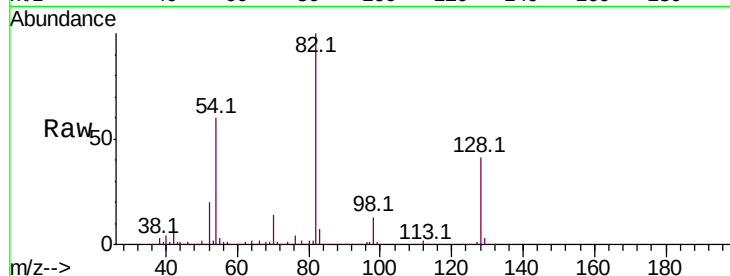




#23
 Nitrobenzene-d5
 Concen: 37.138 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108052.D
 Acq: 9 Aug 2018 15:07

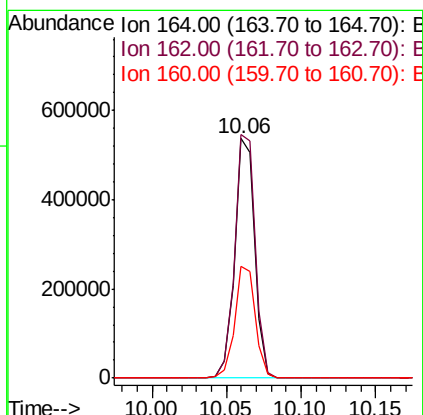
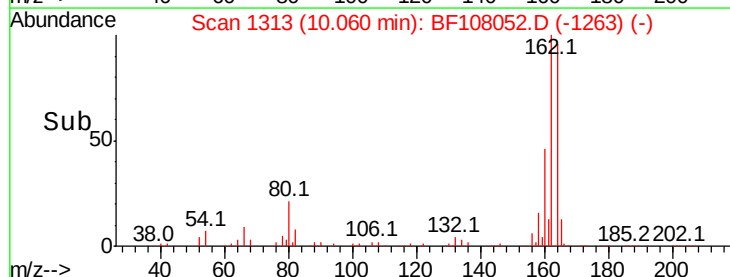
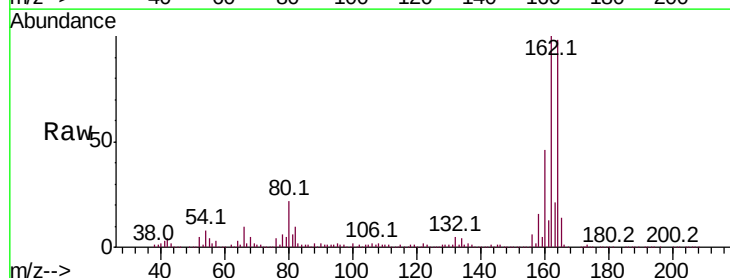
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080818-A

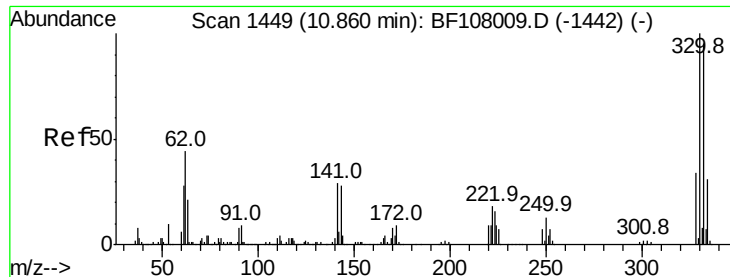
Tot Ion: 82 Resp: 737228
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 60.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108052.D
 Acq: 9 Aug 2018 15:07

Tgt Ion: 164 Resp: 506669
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 46.6 38.3 57.5

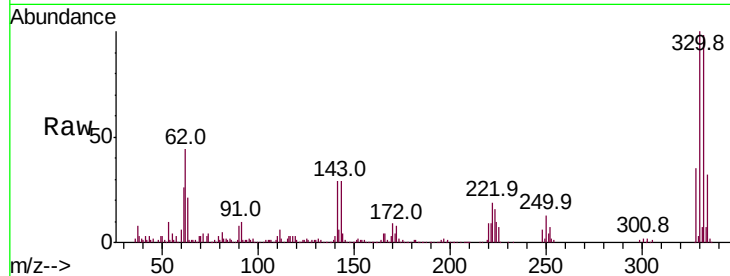




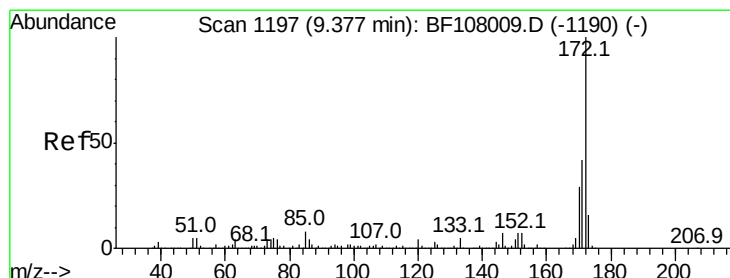
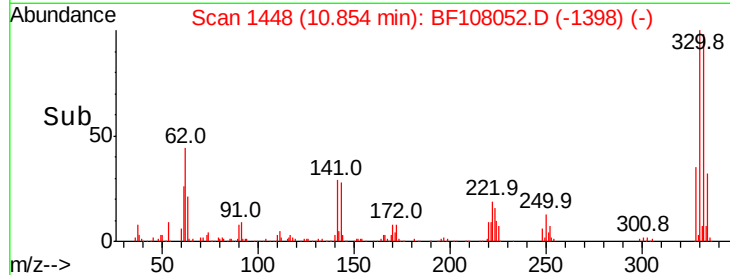
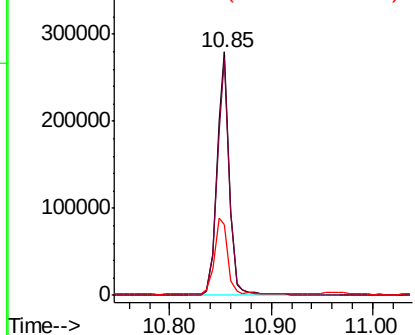
#41
 2,4,6-Tribromophenol
 Concen: 46.624 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108052.D
 Acq: 9 Aug 2018 15:07

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	34.6	29.9	44.9

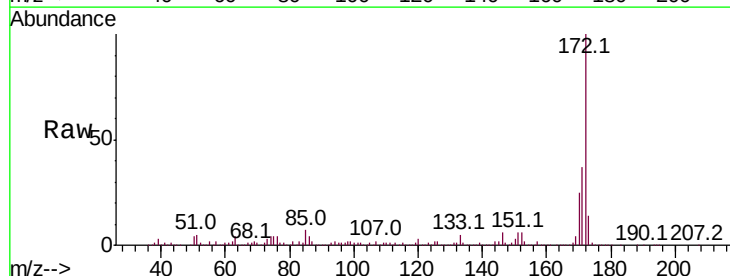


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

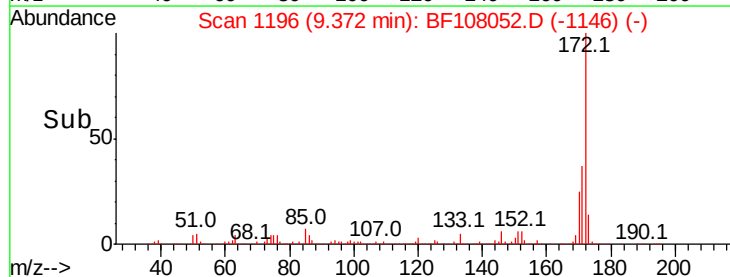
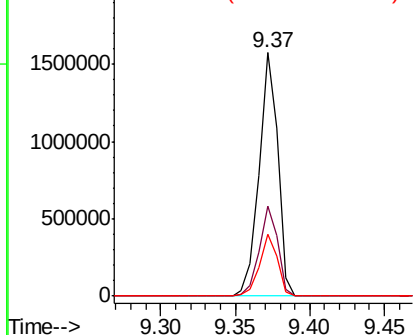


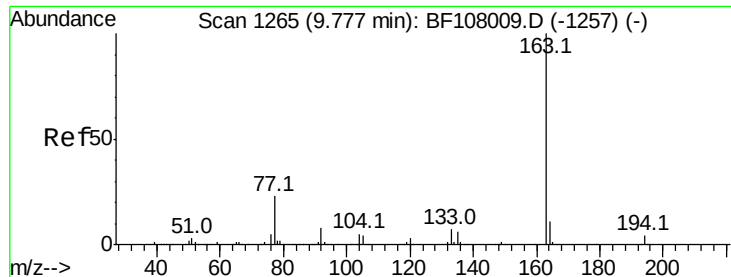
#44
 2-Fluorobiphenyl
 Concen: 42.856 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108052.D
 Acq: 9 Aug 2018 15:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.2	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

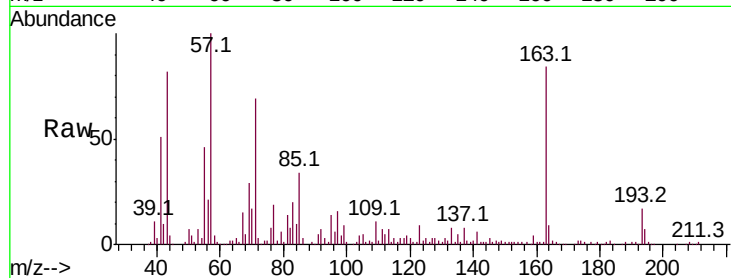




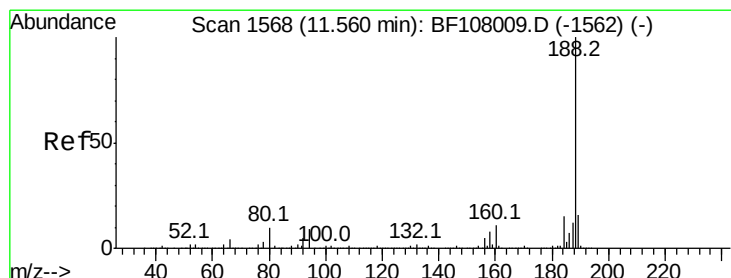
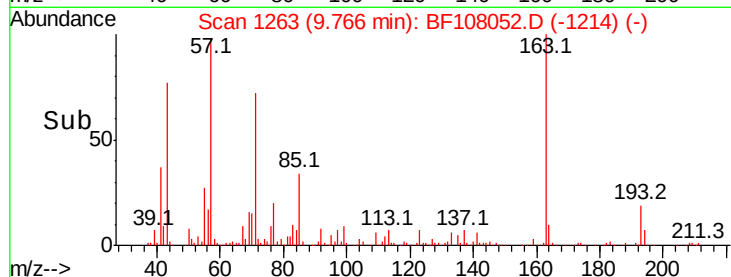
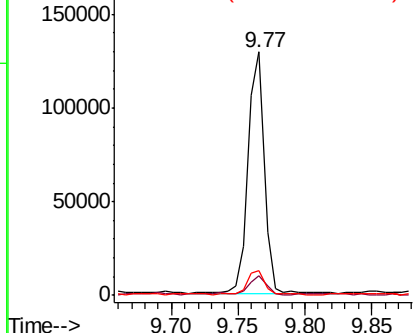
#49
Dimethylphthalate
Concen: 3.064 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108052.D
Acq: 9 Aug 2018 15:07

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

Tot Ion:163 Resp: 108146
Ion Ratio Lower Upper
163 100
194 8.2 2.7 4.1#
164 10.1 8.2 12.2

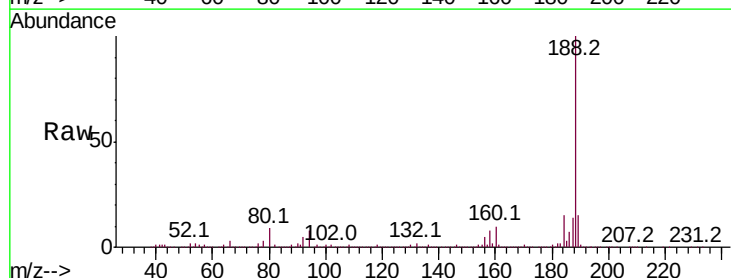


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

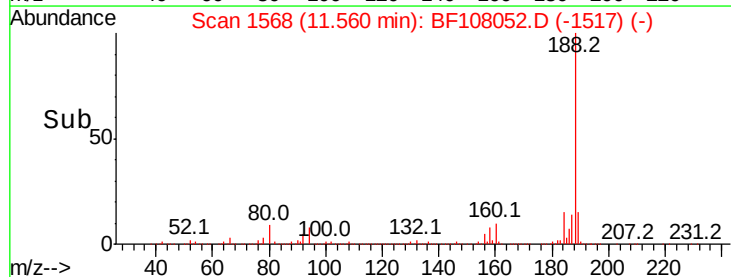
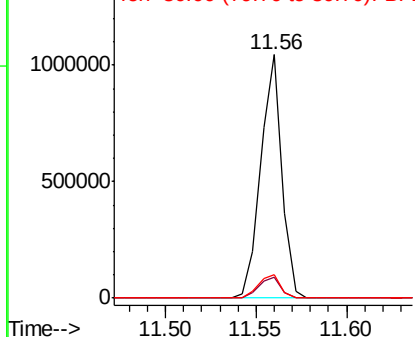


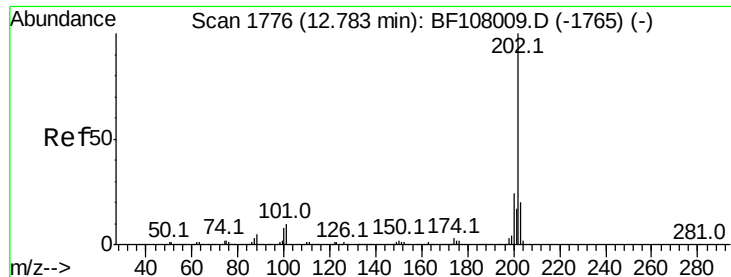
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108052.D
Acq: 9 Aug 2018 15:07

Tgt Ion:188 Resp: 844198
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.5 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





#74

Fluoranthene

Concen: 3.302 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108052.D

Acq: 9 Aug 2018 15:07

Instrument :

BNA_F

ClientSampleId :

HR-05-080818-A

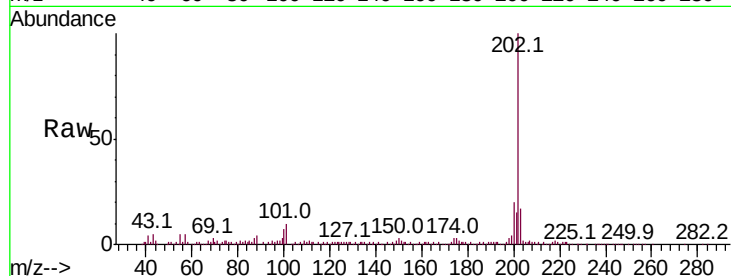
Tot Ion:202 Resp: 143474

Ion Ratio Lower Upper

202 100

101 9.7 0.0 34.1

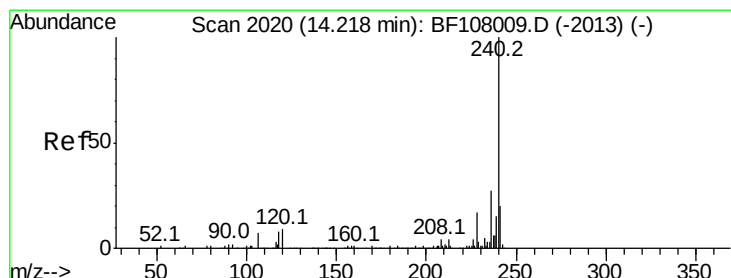
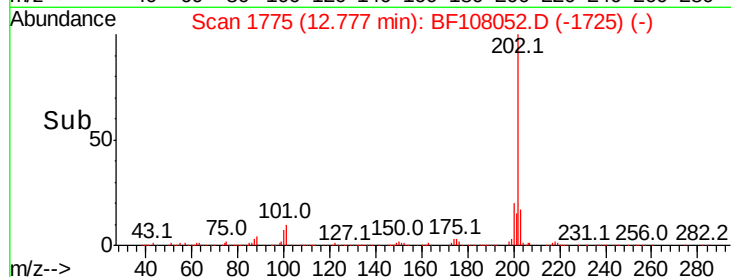
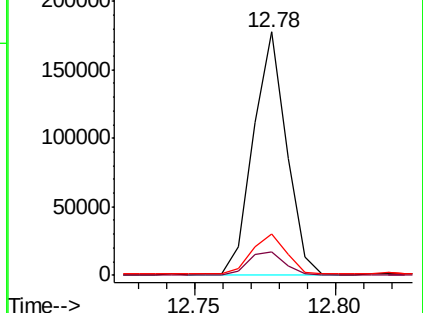
203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108052.D

Acq: 9 Aug 2018 15:07

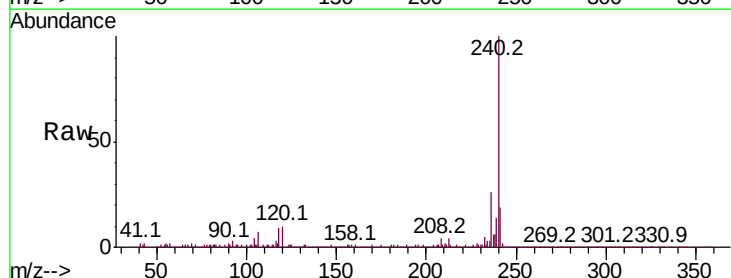
Tgt Ion:240 Resp: 717255

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

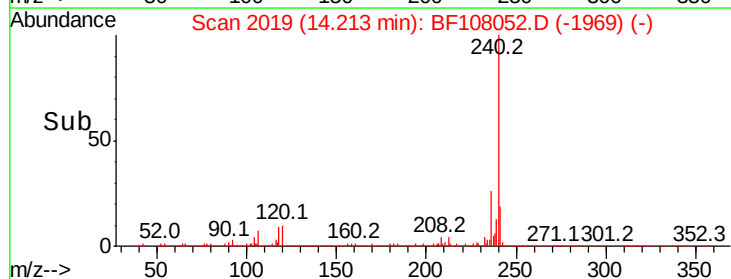
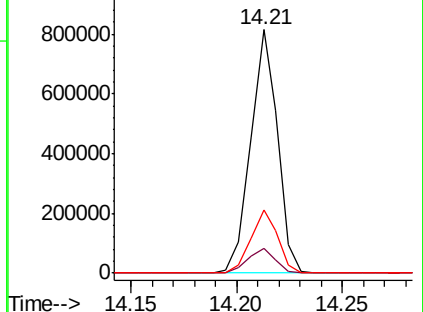
236 26.0 20.7 31.1

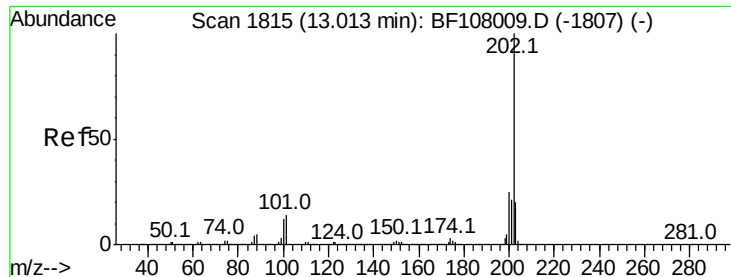


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.196 ng

RT: 13.01 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF108052.D

Acq: 9 Aug 2018 15:07

Instrument :

BNA_F

ClientSampleId :

HR-05-080818-A

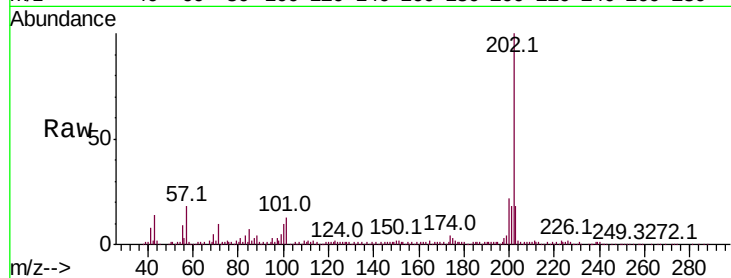
Tot Ion:202 Resp: 145144

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

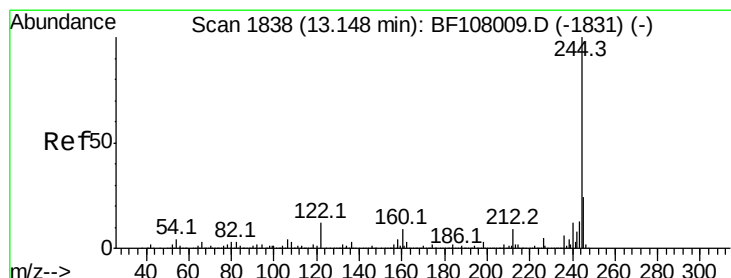
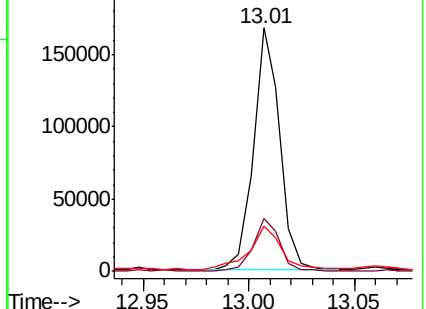
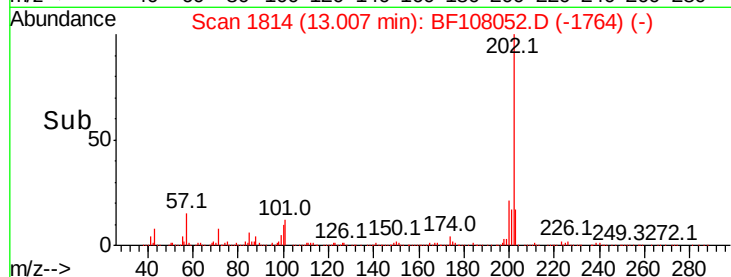
203 18.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 41.068 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108052.D

Acq: 9 Aug 2018 15:07

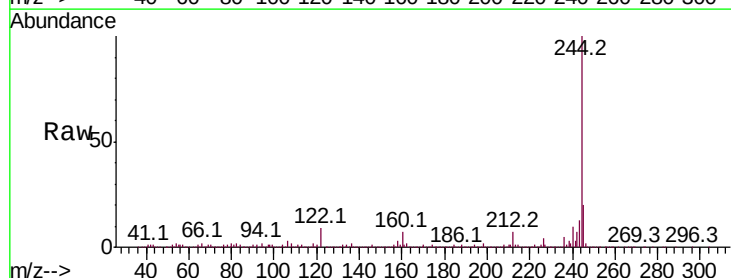
Tgt Ion:244 Resp: 1158532

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

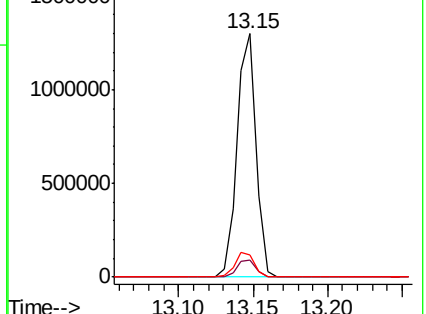
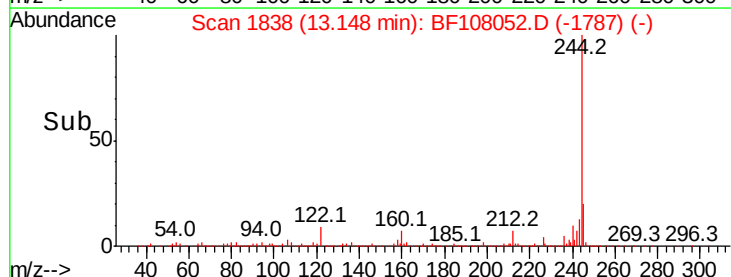
122 9.2 11.0 16.4#

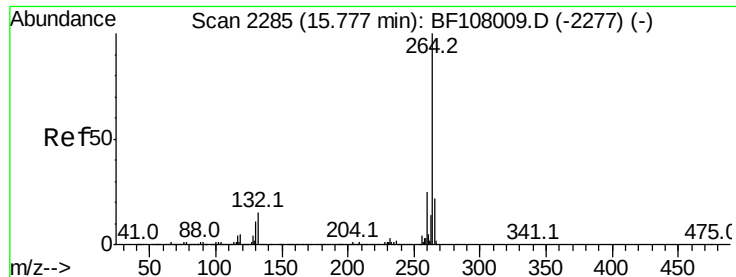


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

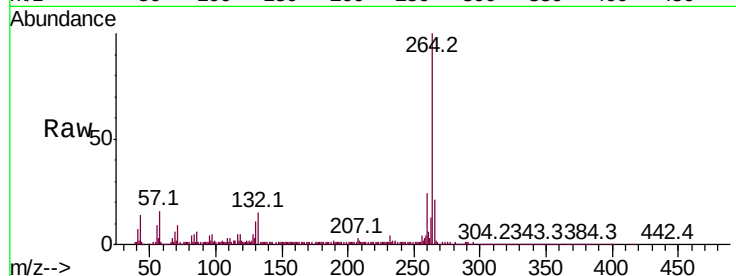




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108052.D
Acq: 9 Aug 2018 15:07

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	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

