

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108646.D
 Acq On : 30 Aug 2018 18:01
 Operator : JU/SJ
 Sample : J4648-09RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 18:56:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

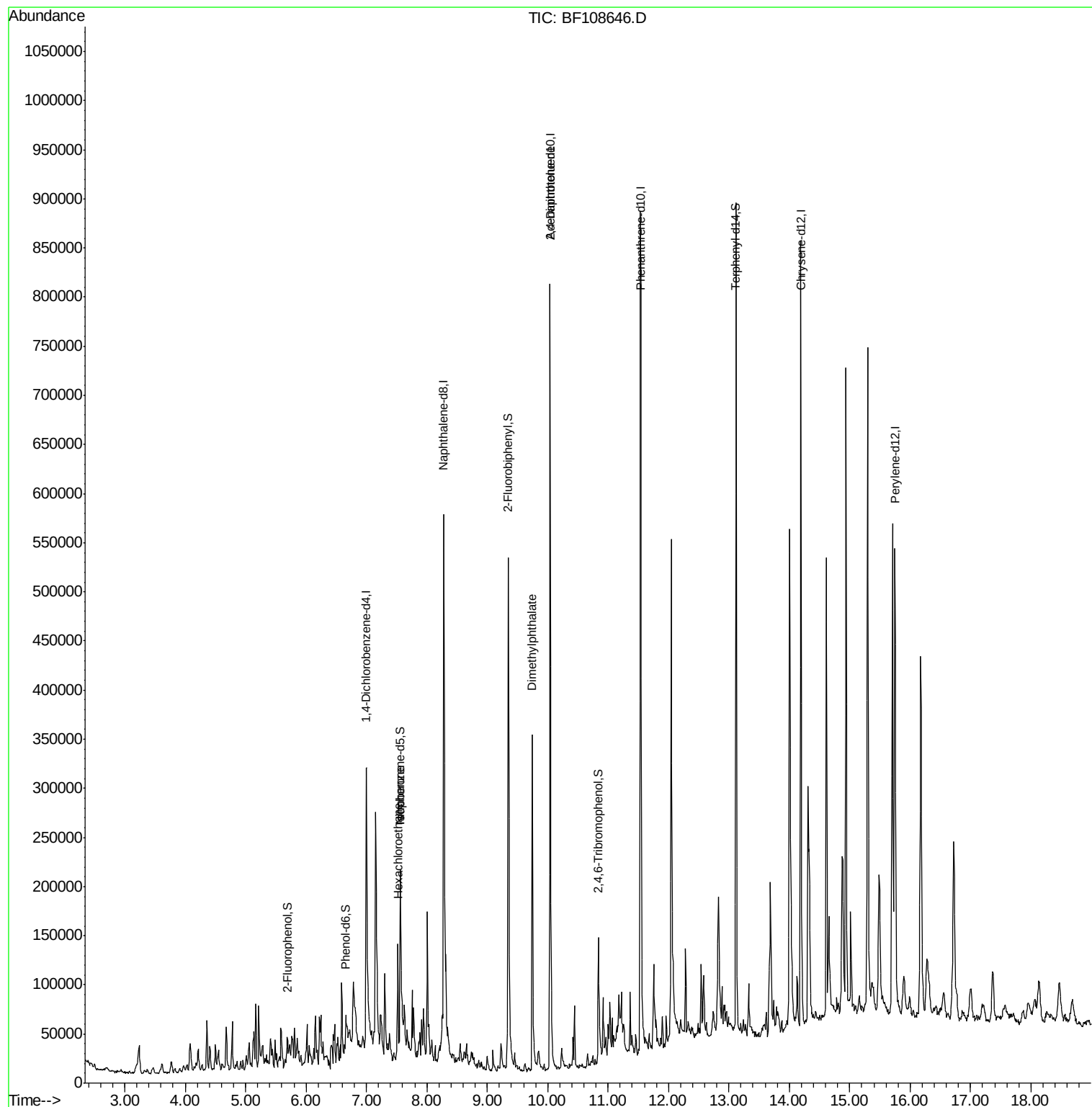
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	82781	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	367503	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	190542	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	407854	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	330558	20.00	ng	-0.01
86) Perylene-d12	15.75	264	278476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	12991	2.73	ng	0.05
7) Phenol-d6	6.67	99	50056	7.33	ng	0.02
23) Nitrobenzene-d5	7.57	82	119499	16.50	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	24660	9.80	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	240343	16.96	ng	0.00
78) Terphenyl-d14	13.12	244	316749	18.62	ng	-0.01
Target Compounds						
18) Hexachloroethane	7.52	117	8896	3.508	ng	# 1
25) Isophorone	7.57	82	119499	9.936	ng	# 65
49) Dimethylphthalate	9.75	163	193845	12.919	ng	99
56) 2,4-Dinitrotoluene	10.04	165	23971	5.474	ng	# 24

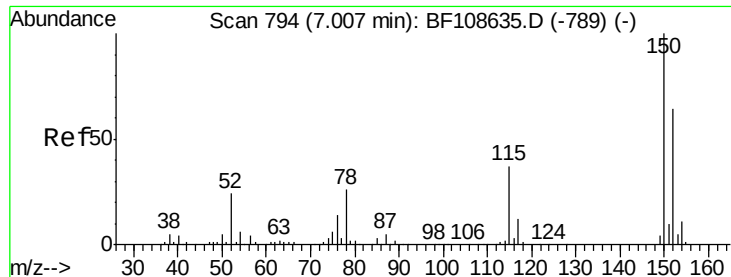
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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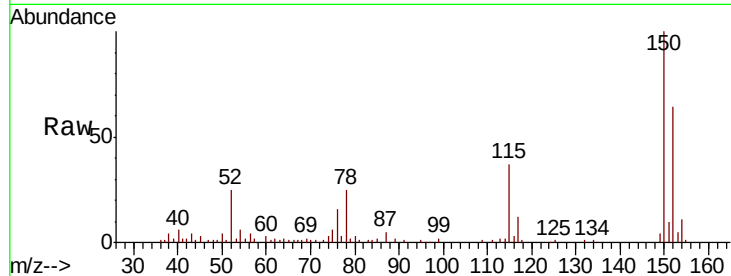


#1

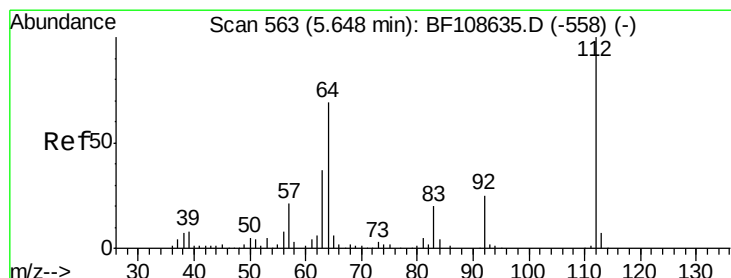
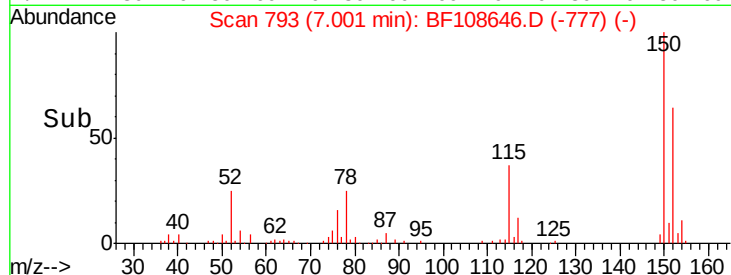
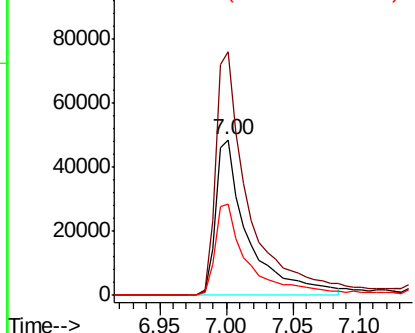
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108646.D
Acq: 30 Aug 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82781
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 58.7 50.1 75.1



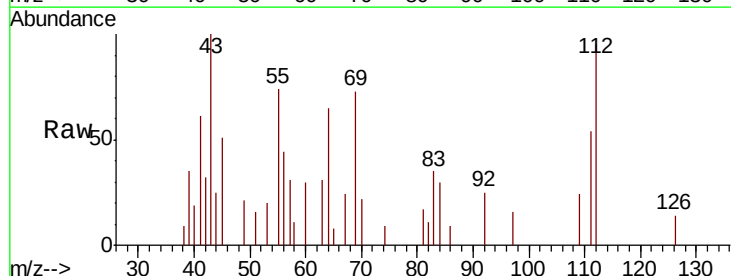
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



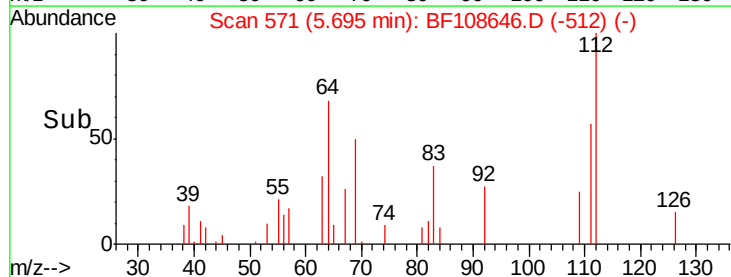
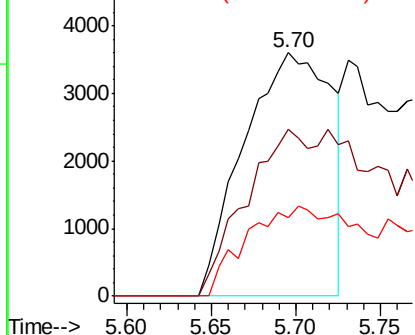
#5

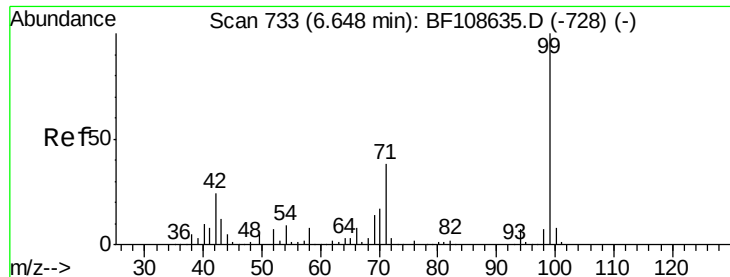
2-Fluorophenol
Concen: 2.726 ng
RT: 5.70 min Scan# 571
Delta R.T. 0.05 min
Lab File: BF108646.D
Acq: 30 Aug 2018 18:01

Tgt Ion:112 Resp: 12991
Ion Ratio Lower Upper
112 100
64 68.3 47.9 71.9
63 32.4 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: 7.334 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF108646.D

Acq: 30 Aug 2018 18:01

Instrument :

BNA_F

ClientSampleId :

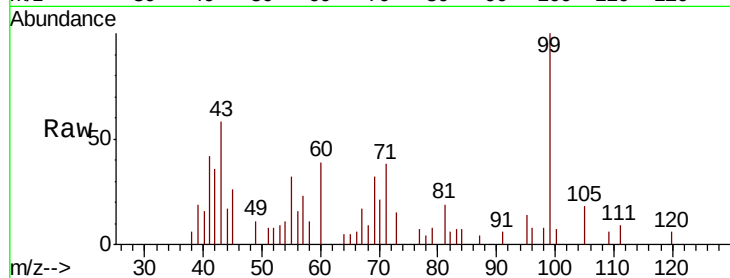
Tot Ion: 99 Resp: 50056

Ion Ratio Lower Upper

99 100

42 36.2 14.5 21.7#

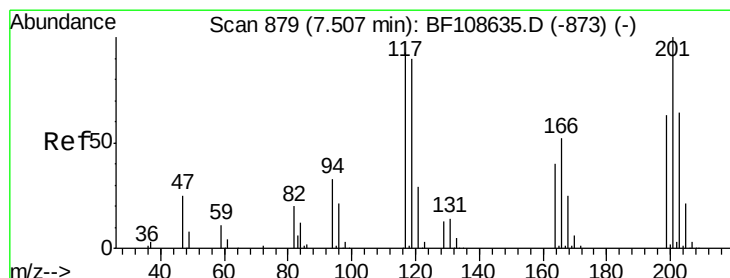
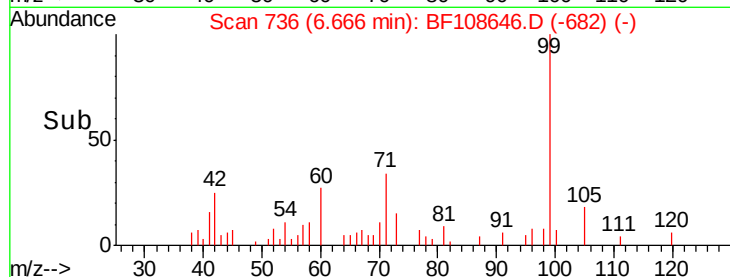
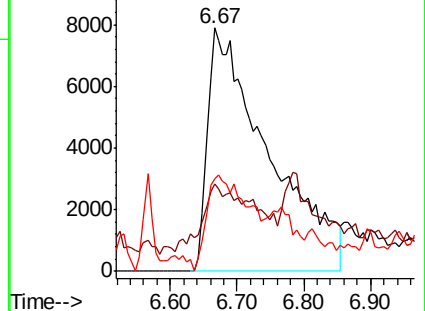
71 38.1 25.4 38.0#



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



#18

Hexachloroethane

Concen: 3.508 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF108646.D

Acq: 30 Aug 2018 18:01

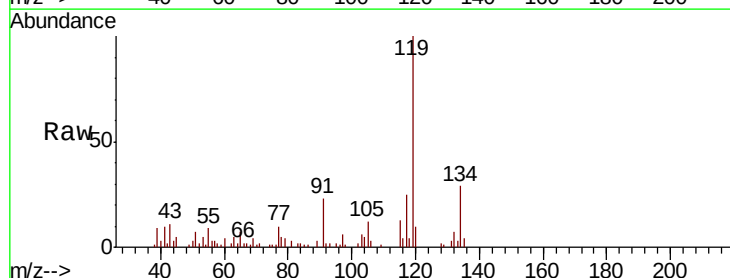
Tgt Ion: 117 Resp: 8896

Ion Ratio Lower Upper

117 100

119 406.7 75.8 113.8#

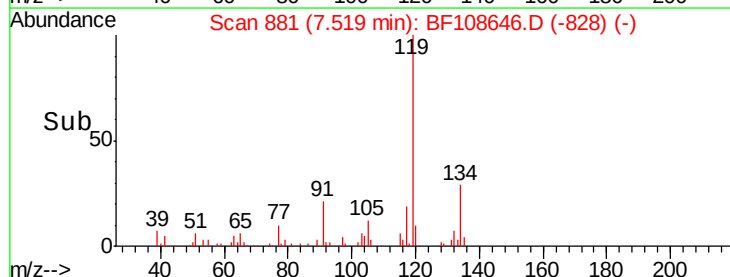
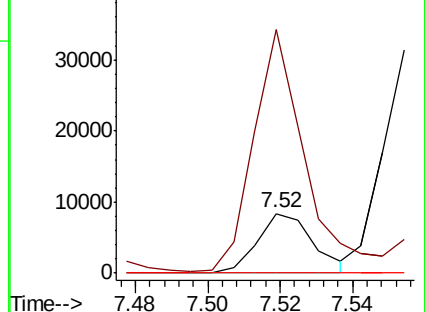
201 0.0 75.7 113.5#

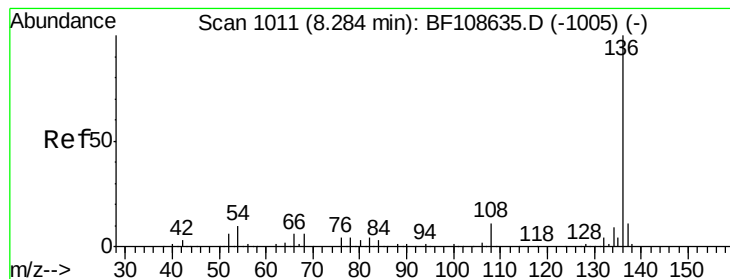


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF108646.D

Acq: 30 Aug 2018 18:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 367503

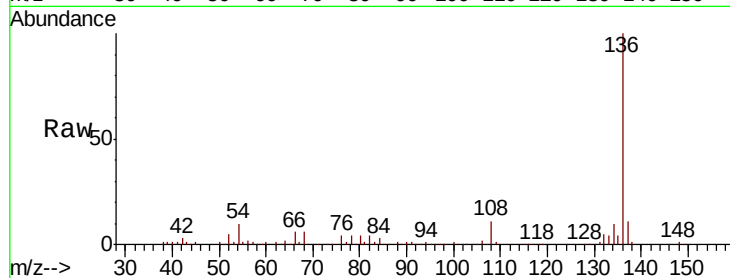
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.8 6.6 9.8

68 5.7 5.0 7.4

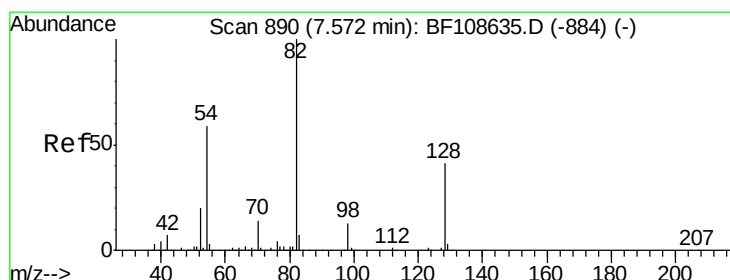
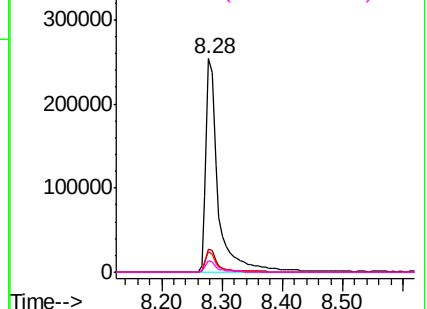
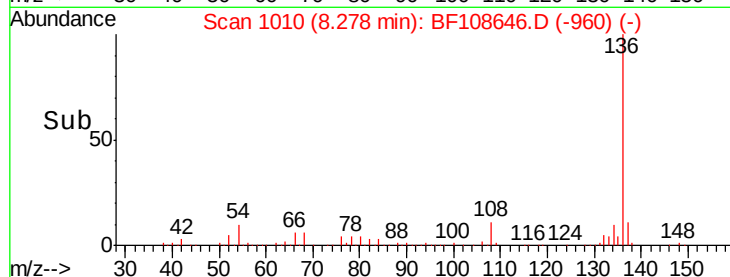


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.505 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108646.D

Acq: 30 Aug 2018 18:01

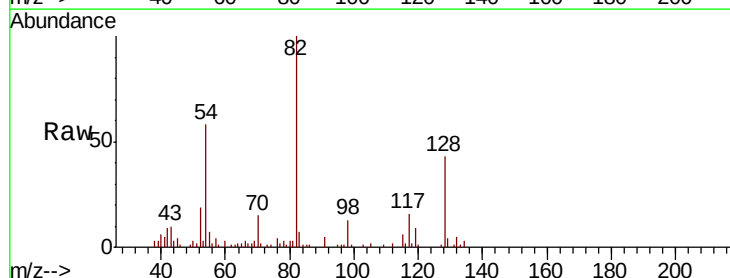
Tgt Ion: 82 Resp: 119499

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

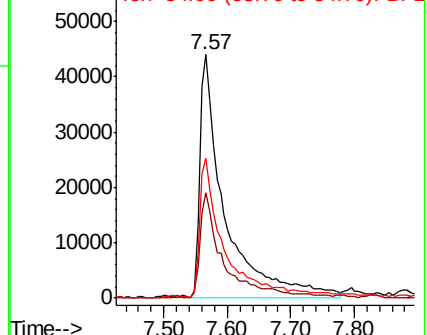
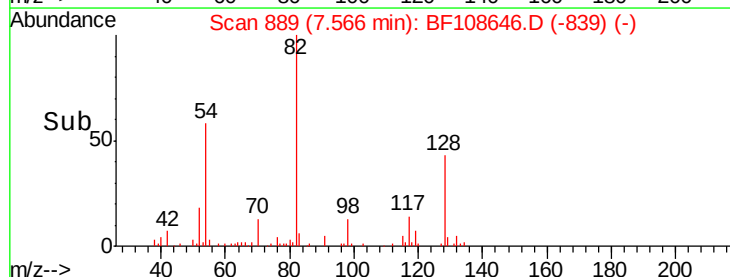
54 57.7 41.4 62.2

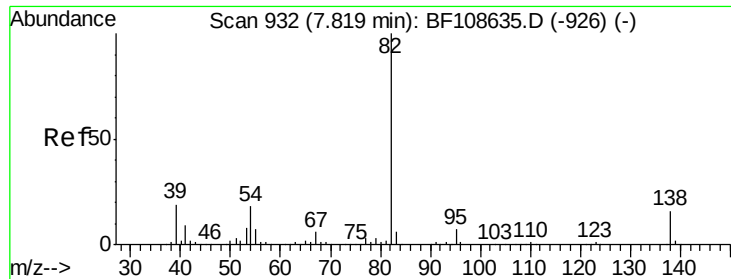


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.936 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108646.D

Acq: 30 Aug 2018 18:01

Instrument :

BNA_F

ClientSampled :

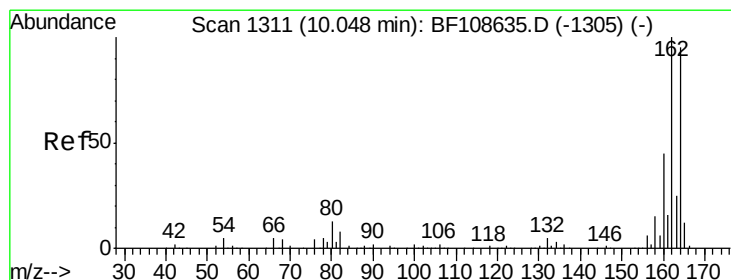
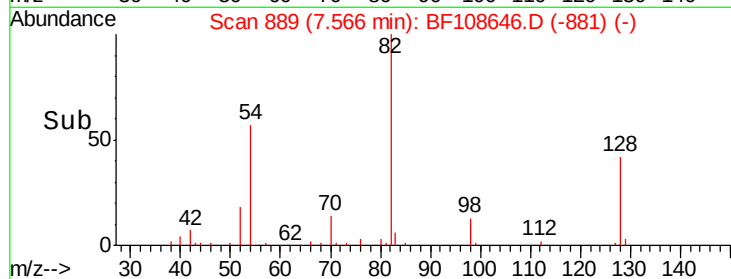
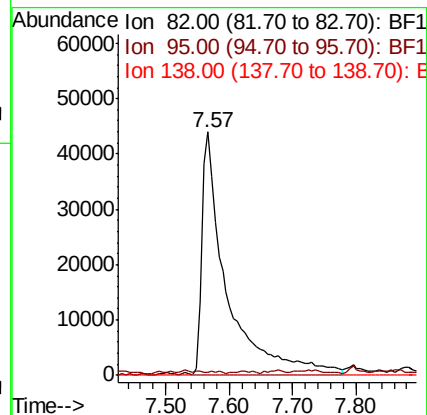
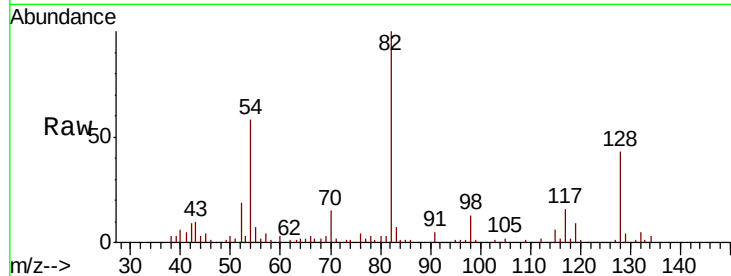
Tot Ion: 82 Resp: 119499

Ion Ratio Lower Upper

82 100

95 1.2 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108646.D

Acq: 30 Aug 2018 18:01

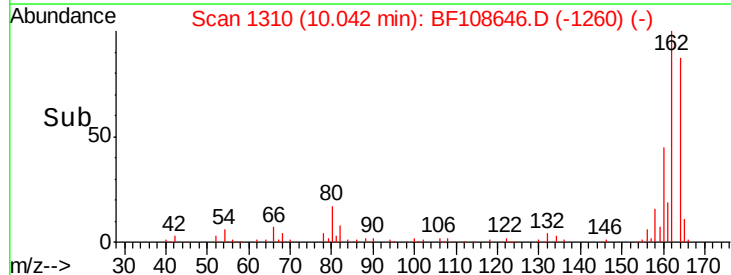
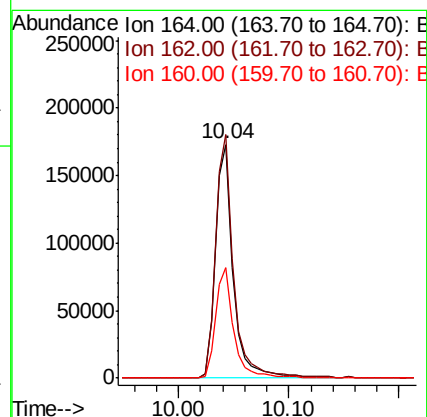
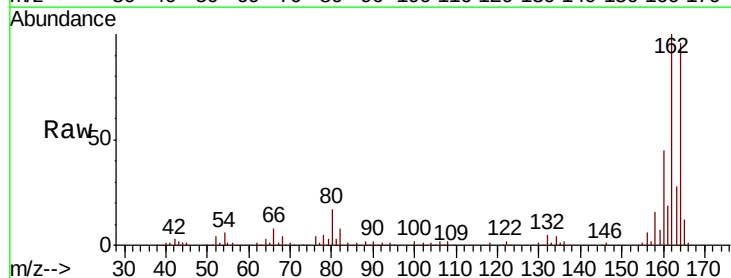
Tgt Ion: 164 Resp: 190542

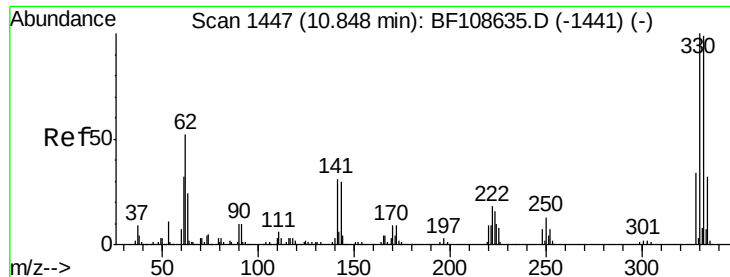
Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

160 47.2 38.3 57.5

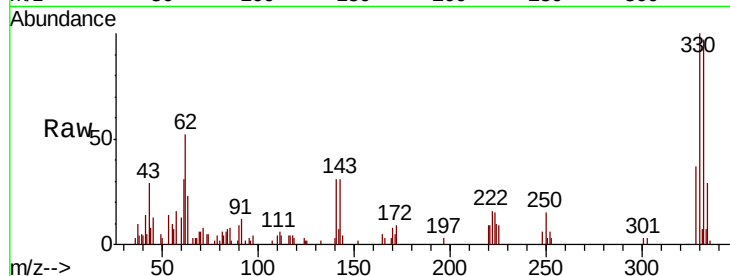




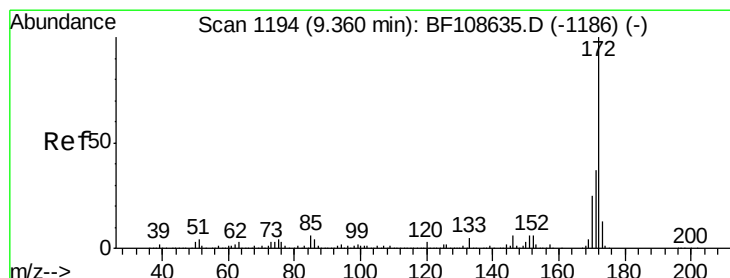
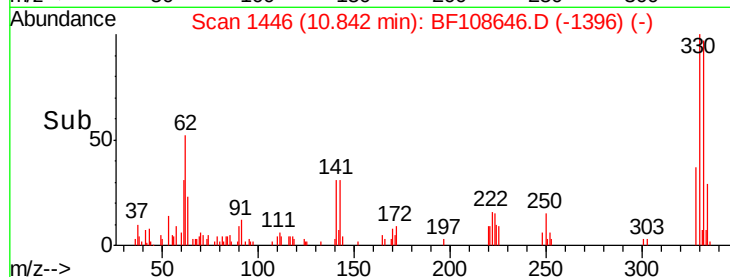
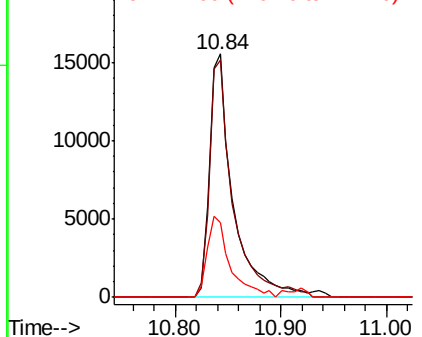
#41
 2,4,6-Tribromophenol
 Concen: 9.804 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108646.D
 Acq: 30 Aug 2018 18:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 24660
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 31.8 29.9 44.9

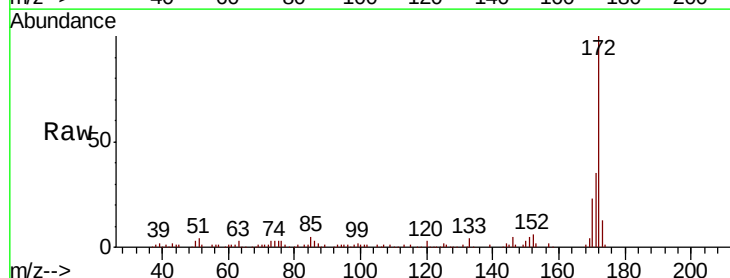


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

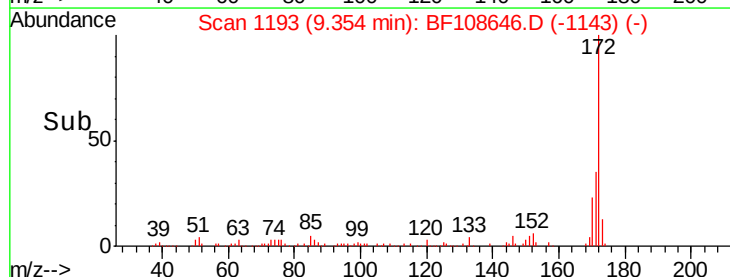
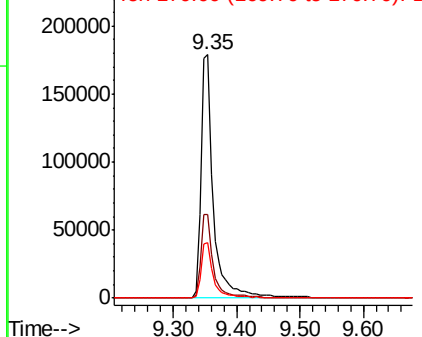


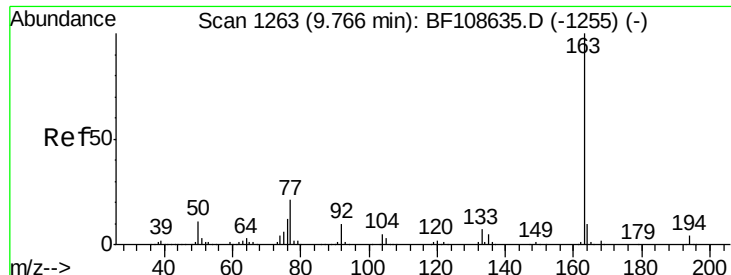
#44
 2-Fluorobiphenyl
 Concen: 16.960 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108646.D
 Acq: 30 Aug 2018 18:01

Tgt Ion:172 Resp: 240343
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 22.5 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

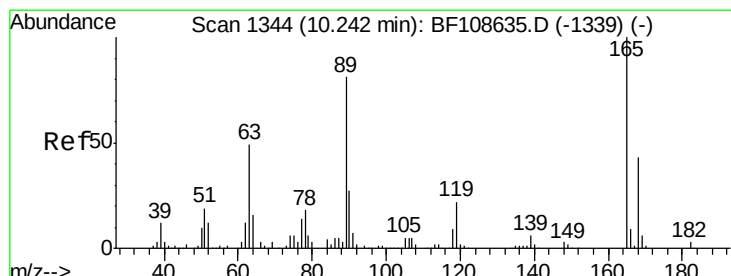
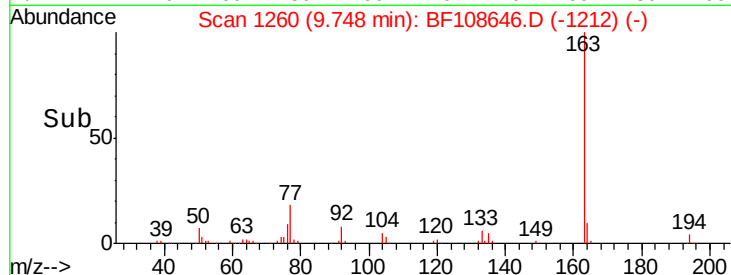
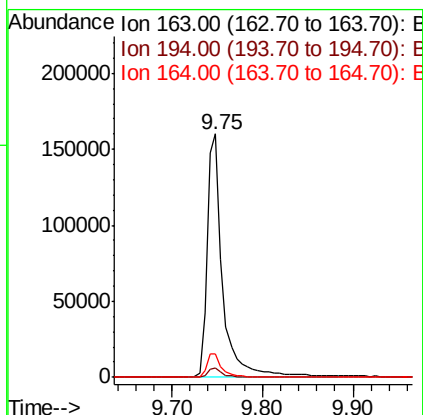
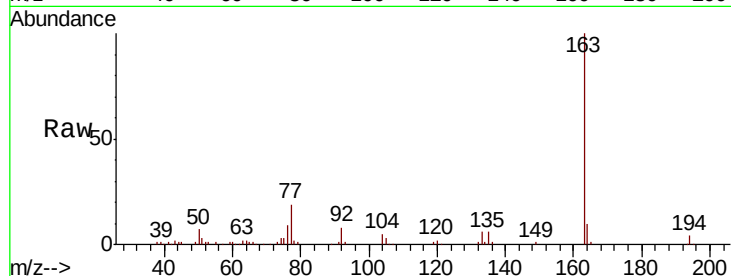




#49
Dimethylphthalate
Concen: 12.919 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108646.D
Acq: 30 Aug 2018 18:01

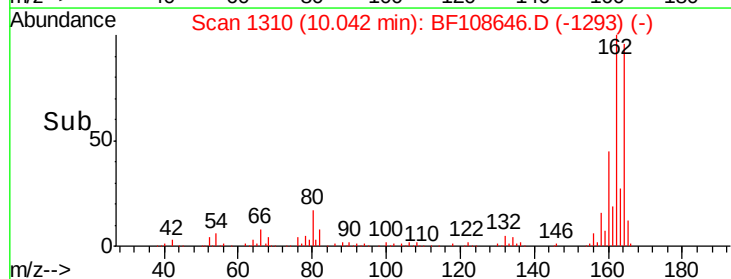
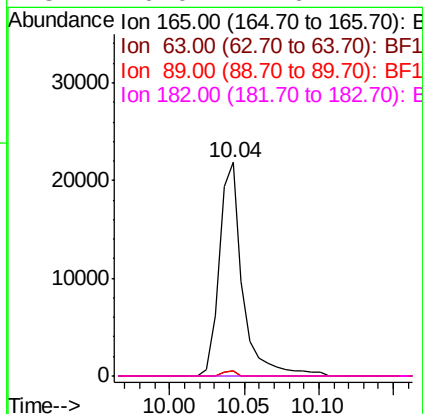
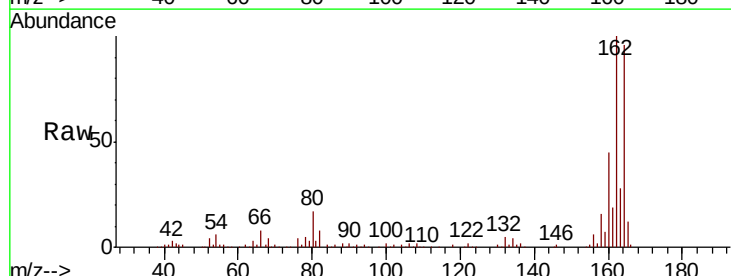
Instrument :
BNA_F
ClientSampleId :

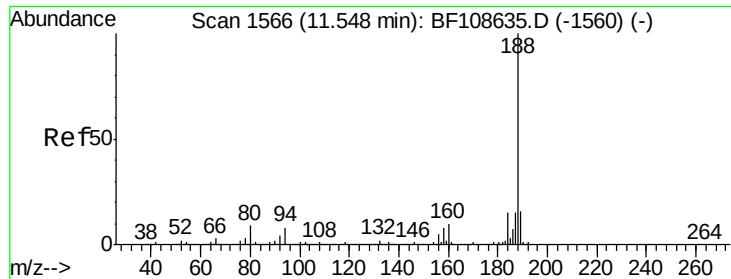
Tot Ion:163 Resp: 193845
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.7 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.474 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108646.D
Acq: 30 Aug 2018 18:01

Tgt Ion:165 Resp: 23971
Ion Ratio Lower Upper
165 100
63 2.3 36.4 54.6#
89 2.4 57.8 86.6#
182 0.0 1.6 2.4#

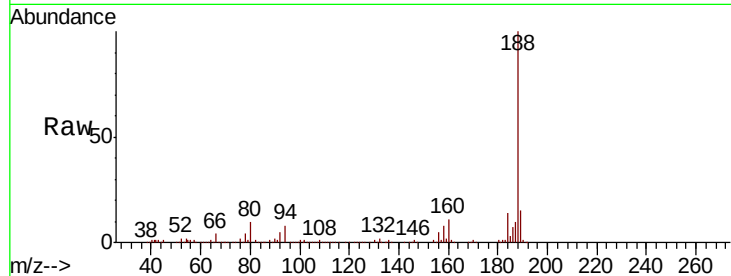




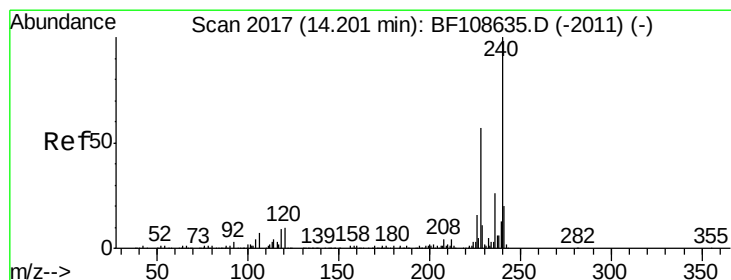
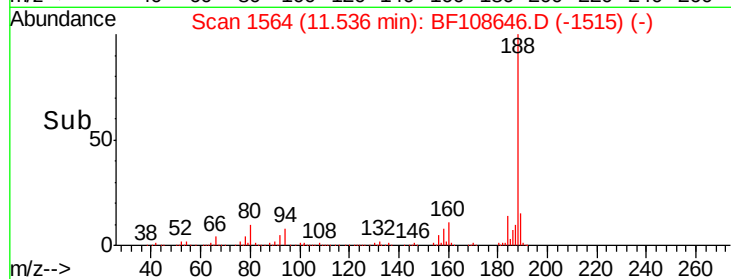
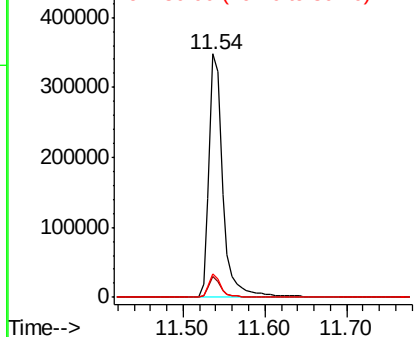
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108646.D
Acq: 30 Aug 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 407854
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.8 9.2 13.8

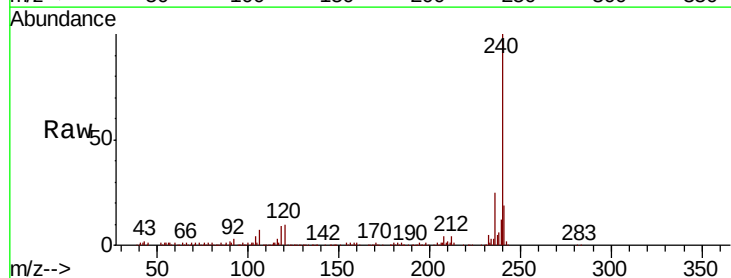


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

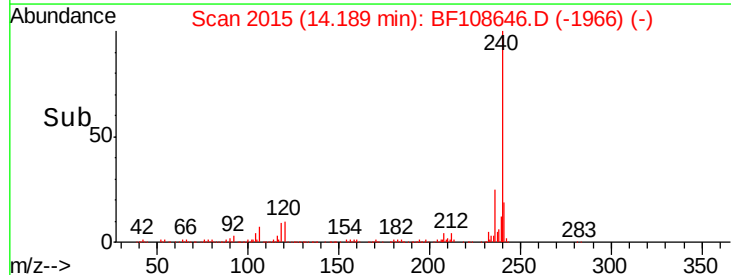
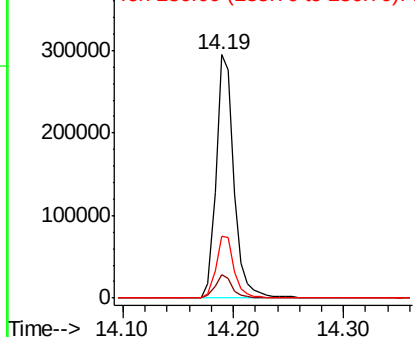


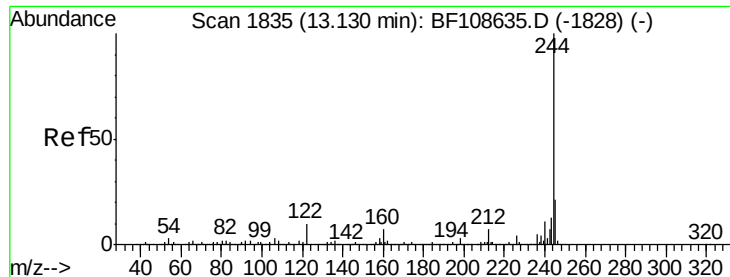
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108646.D
Acq: 30 Aug 2018 18:01

Tgt Ion:240 Resp: 330558
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 25.4 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

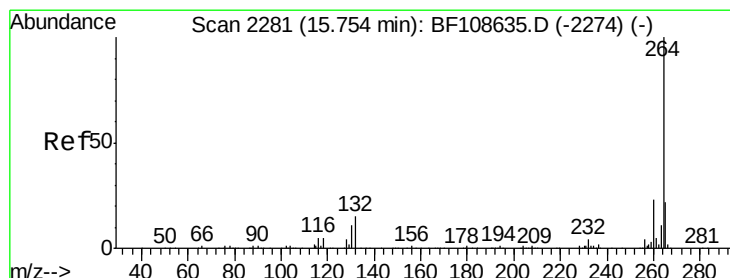
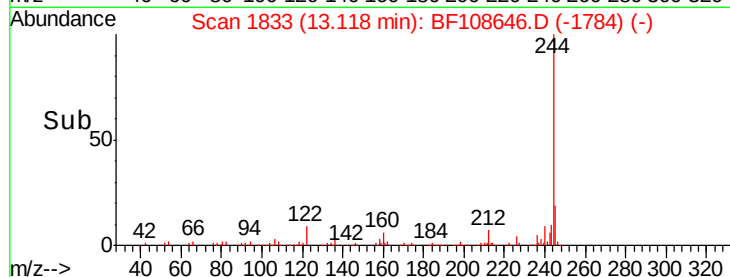
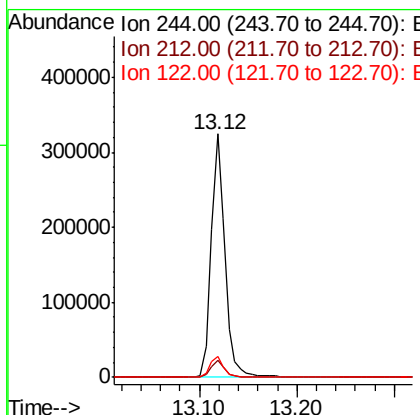
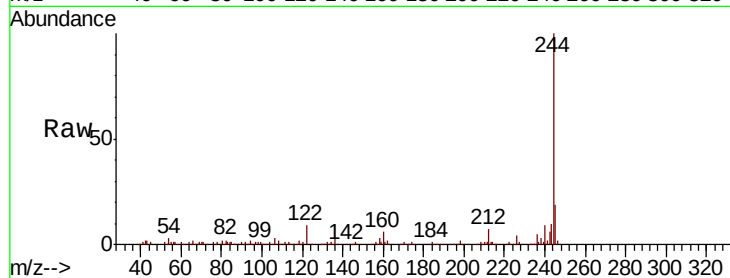




#78
 Terphenyl-d14
 Concen: 18.618 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108646.D
 Acq: 30 Aug 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108646.D
 Acq: 30 Aug 2018 18:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

