

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108441.D
 Acq On : 24 Aug 2018 00:37
 Operator : JU/SJ
 Sample : J4278-11 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 04:00:43 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 22 11:01:45 2018
 Response via : Initial Calibration

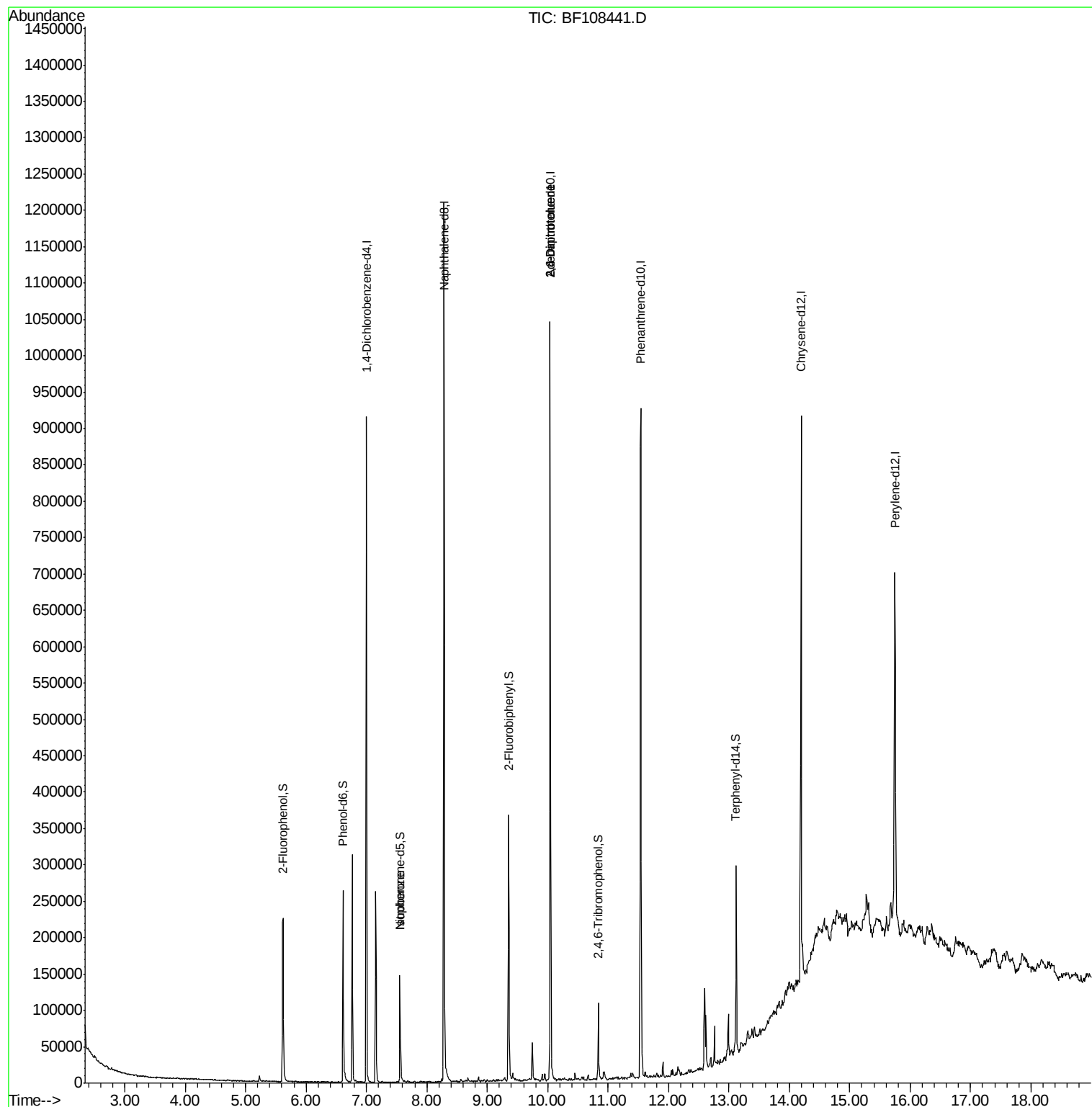
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	130617	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	490970	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	222066	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	357850	20.00	ng	0.00
75) Chrysene-d12	14.19	240	271371	20.00	ng	0.00
86) Perylene-d12	15.75	264	240455	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	66560	9.23	ng	-0.01
7) Phenol-d6	6.61	99	91595	9.55	ng	-0.02
23) Nitrobenzene-d5	7.56	82	56716	6.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	14233	6.43	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	118085	8.54	ng	-0.01
78) Terphenyl-d14	13.12	244	84175	7.89	ng	-0.01
Target Compounds						
25) Isophorone	7.56	82	56723	3.382	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	28365	8.764	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	28365	6.809	ng	# 23

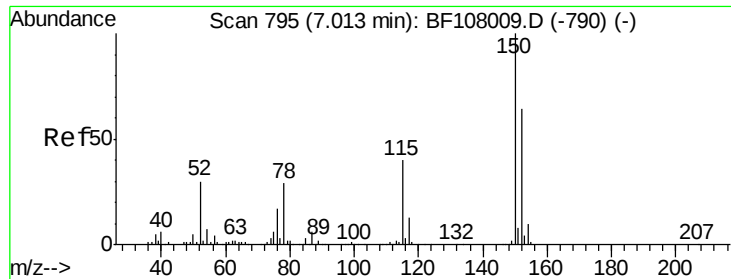
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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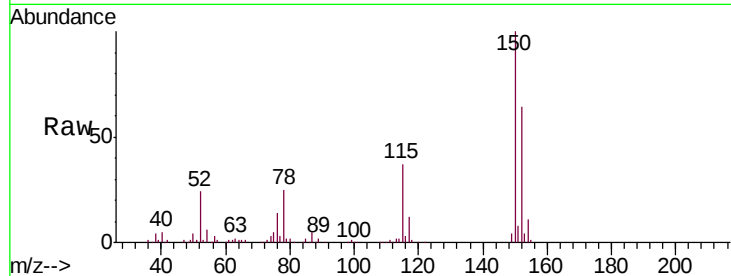


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108441.D
Acq: 24 Aug 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	57.6	50.1	75.1

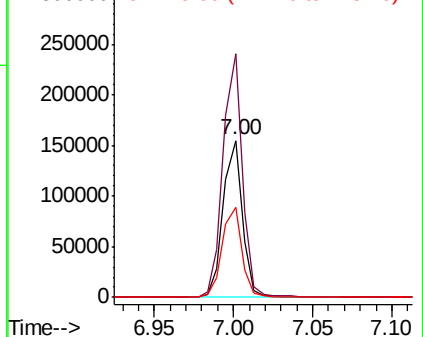
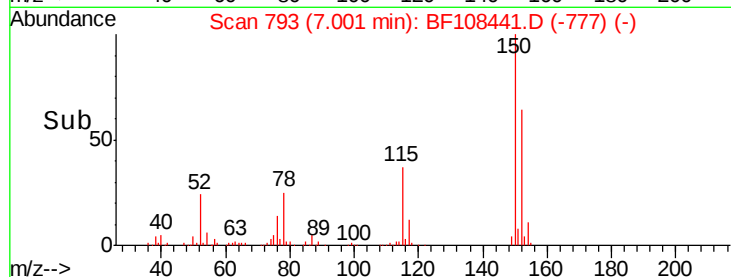


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

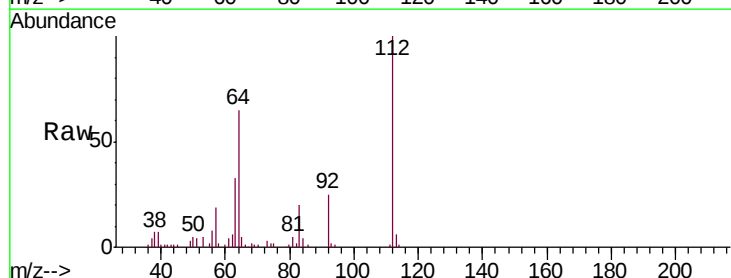
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 9.226 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108441.D
Acq: 24 Aug 2018 00:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	32.5	23.7	35.5

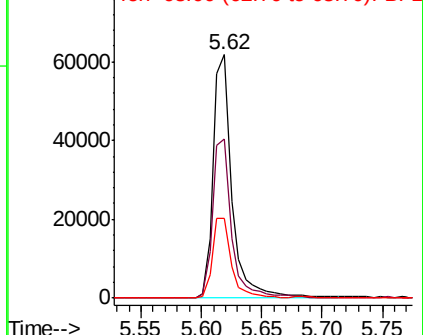
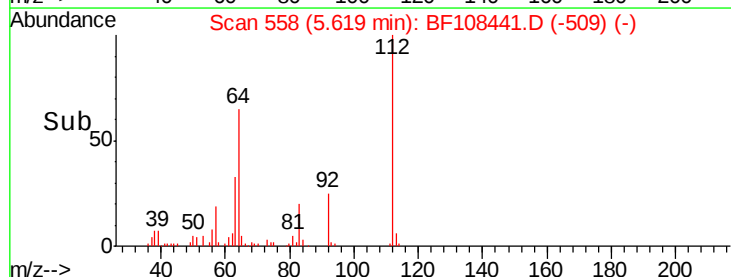


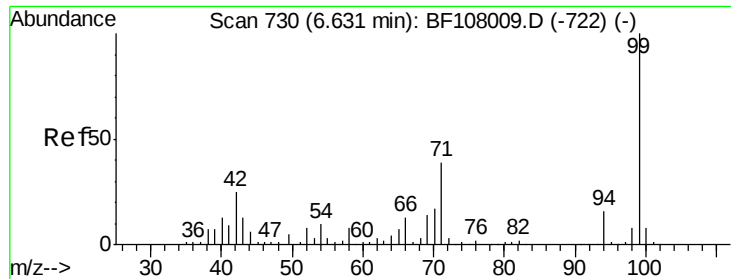
Abundance

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: 9.554 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108441.D

Acq: 24 Aug 2018 00:37

Instrument :

BNA_F

ClientSampleId :

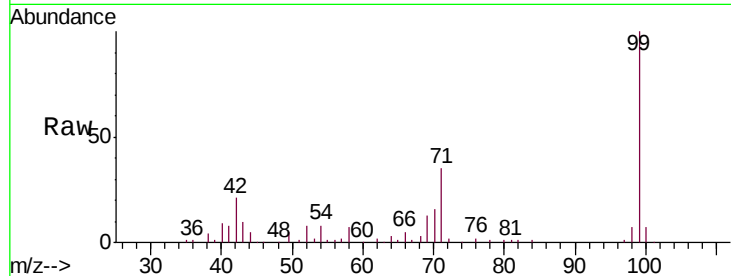
Tgt Ion: 99 Resp: 91595

Ion Ratio Lower Upper

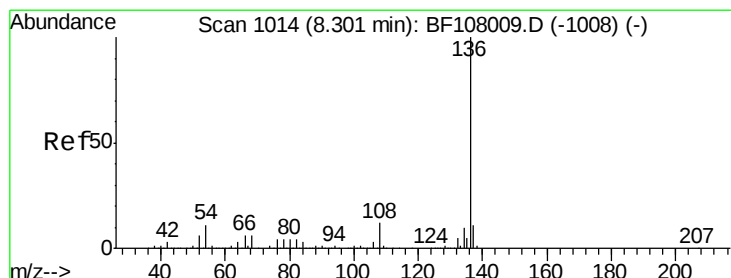
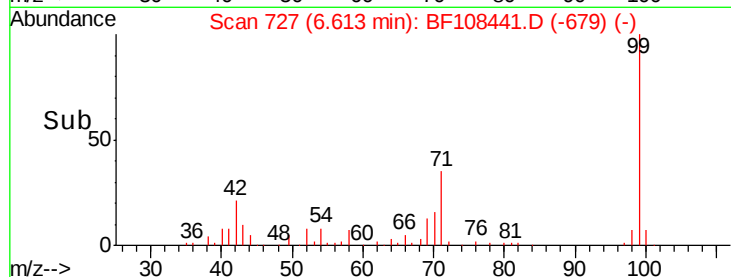
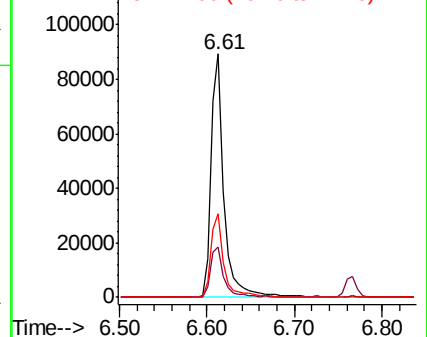
99 100

42 20.6 14.5 21.7

71 34.5 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108441.D

Acq: 24 Aug 2018 00:37

Tgt Ion: 136 Resp: 490970

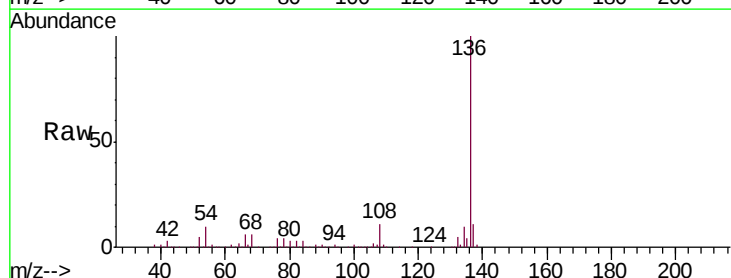
Ion Ratio Lower Upper

136 100

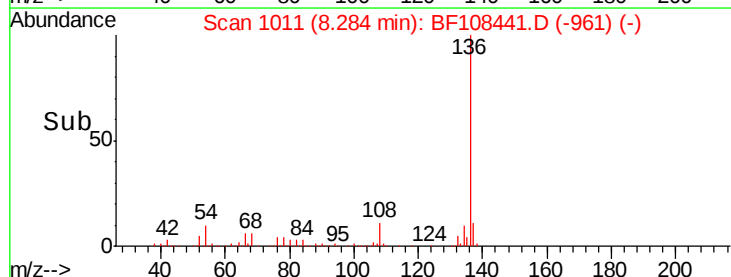
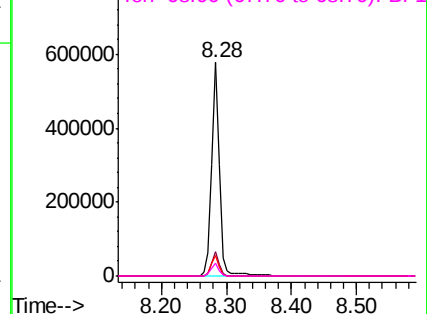
137 11.2 8.9 13.3

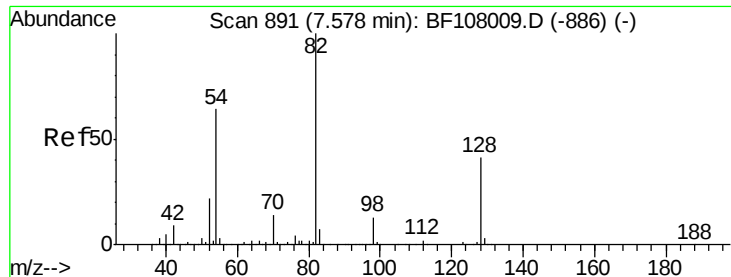
54 9.8 6.6 9.8

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

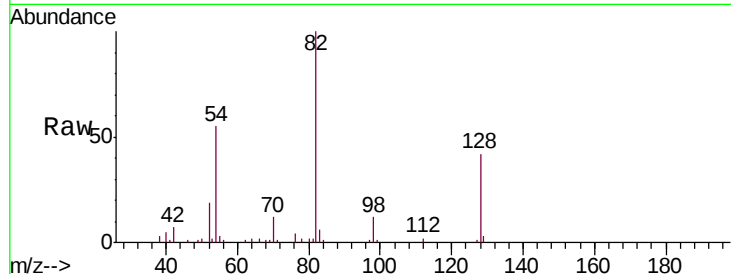




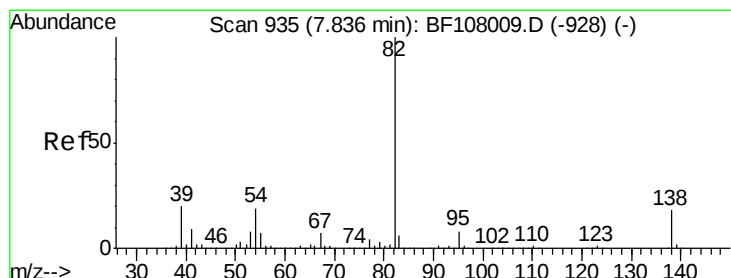
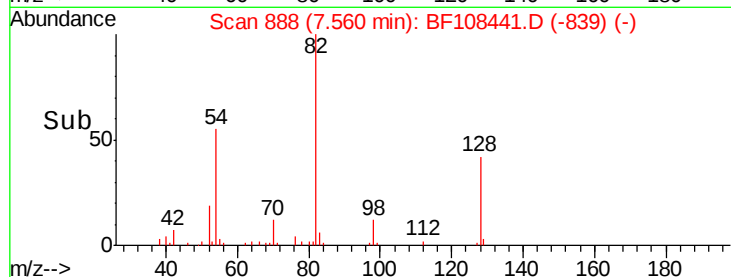
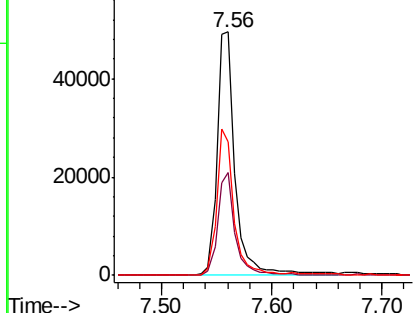
#23
Nitrobenzene-d5
Concen: 6.446 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108441.D
Acq: 24 Aug 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	54.6	41.4	62.2

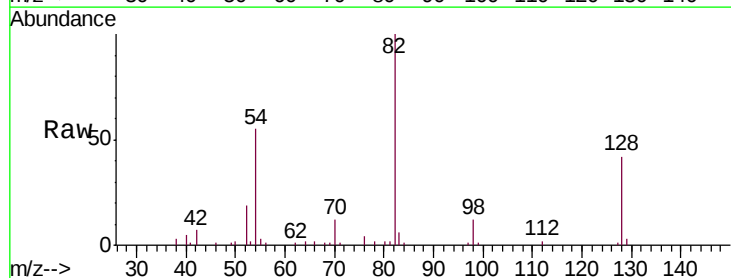


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

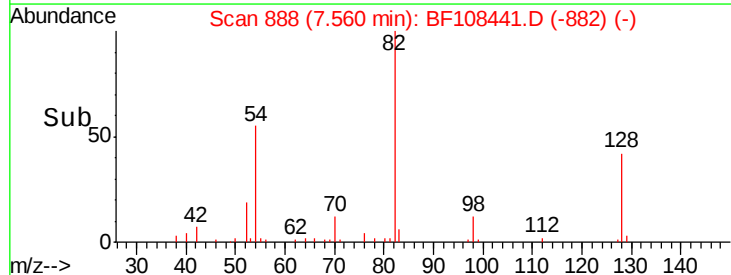
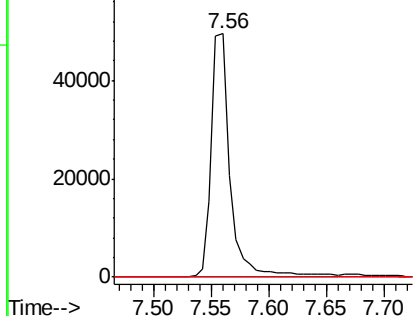


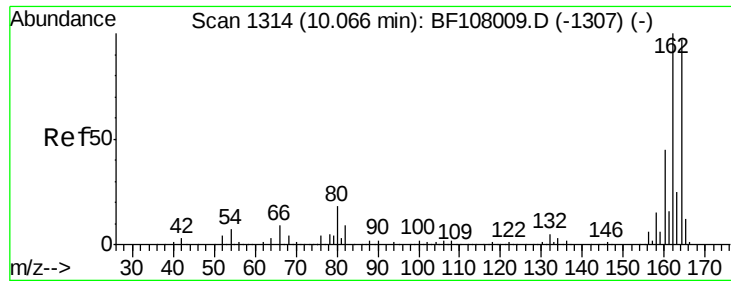
#25
Isophorone
Concen: 3.382 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108441.D
Acq: 24 Aug 2018 00:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

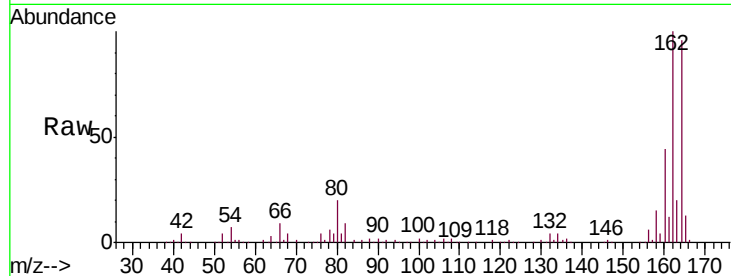




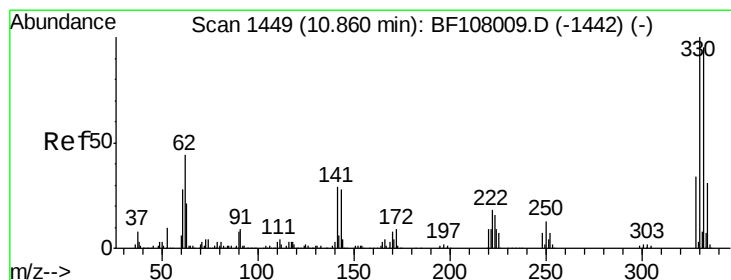
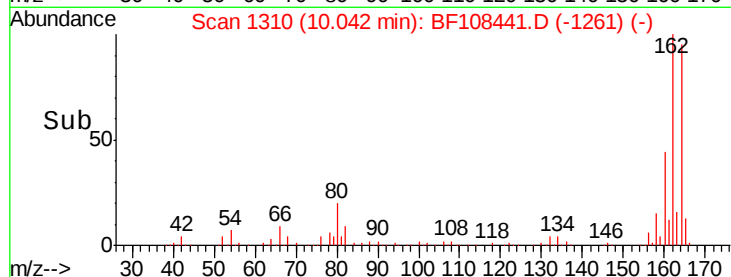
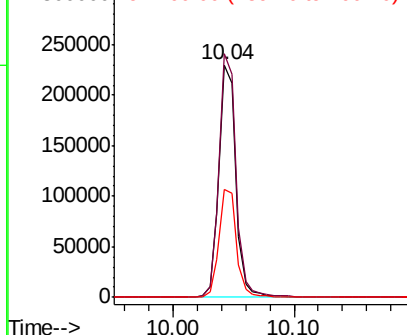
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108441.D
Acq: 24 Aug 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 222066
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 46.4 38.3 57.5

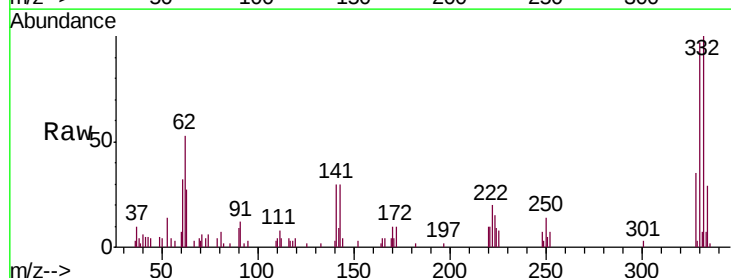


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

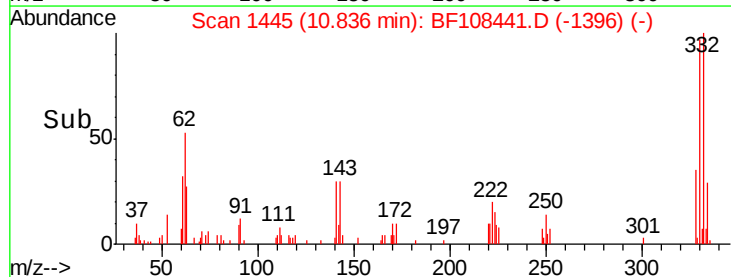
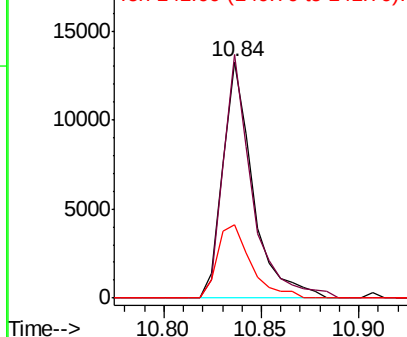


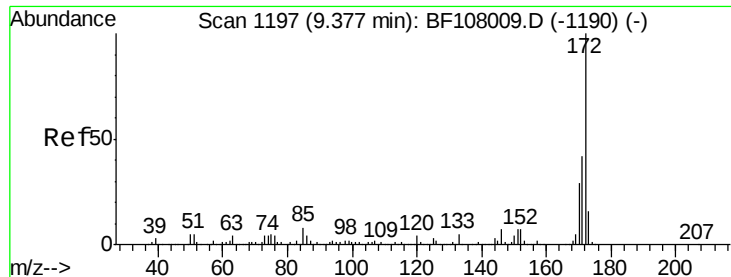
#41
2,4,6-Tribromophenol
Concen: 6.426 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108441.D
Acq: 24 Aug 2018 00:37

Tgt Ion:330 Resp: 14233
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 35.0 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

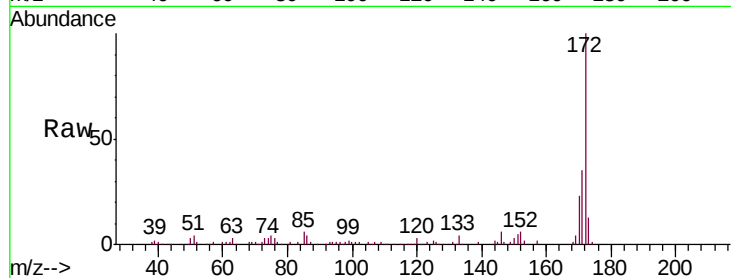




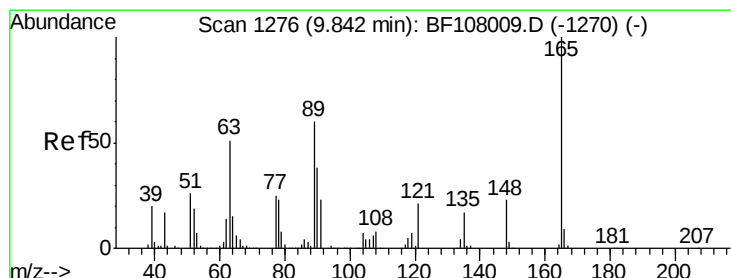
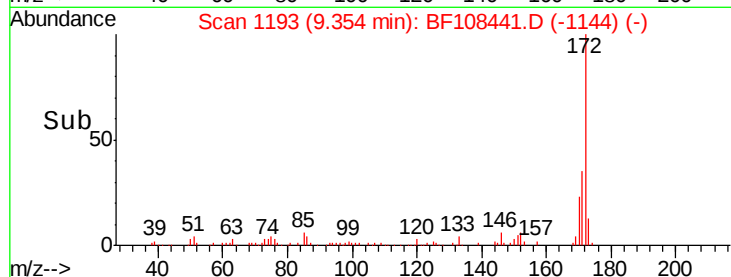
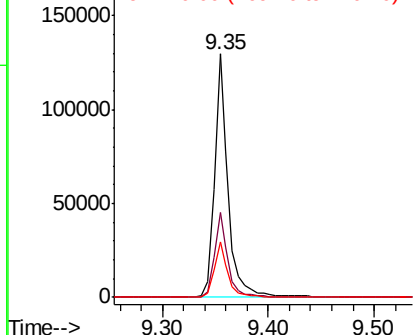
#44
 2-Fluorobiphenyl
 Concen: 8.537 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108441.D
 Acq: 24 Aug 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	22.7	19.6	29.4

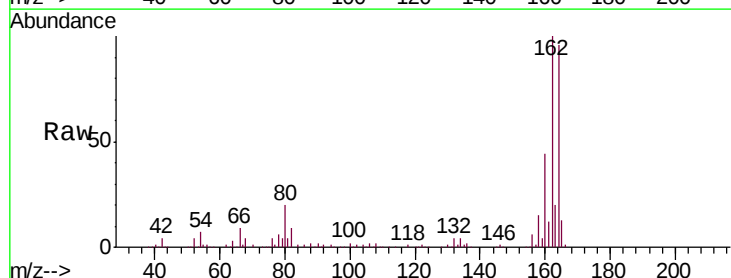


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

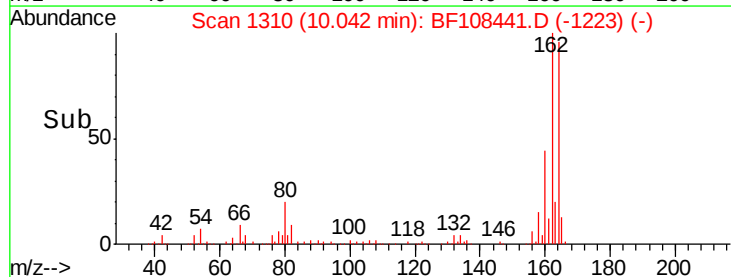
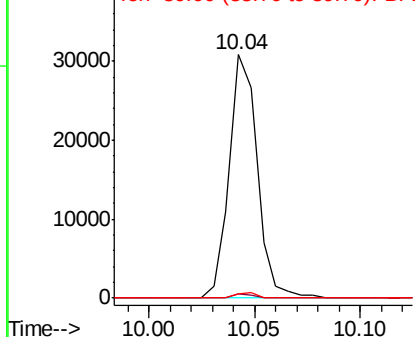


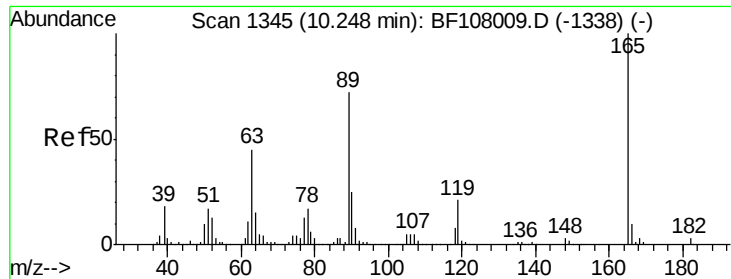
#50
 2,6-Dinitrotoluene
 Concen: 8.764 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108441.D
 Acq: 24 Aug 2018 00:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

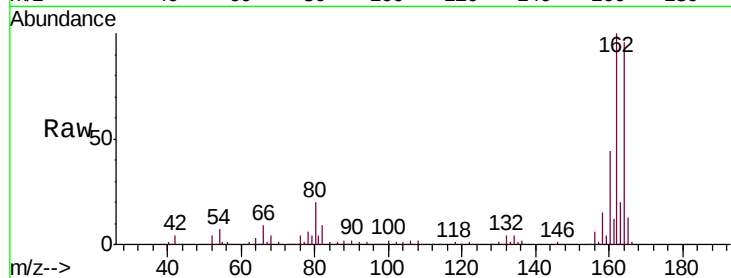




#56
 2,4-Dinitrotoluene
 Concen: 6.809 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108441.D
 Acq: 24 Aug 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	28365		
63	1.6	36.4	54.6#	
89	1.5	57.8	86.6#	
182	0.0	1.6	2.4#	

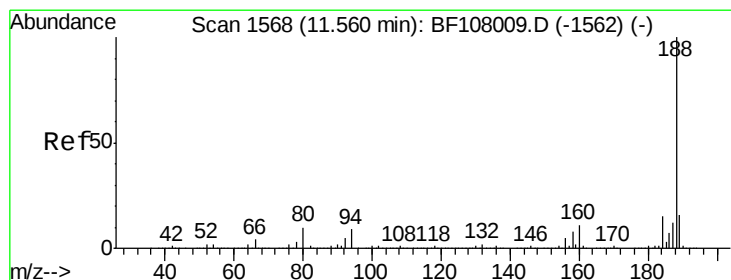
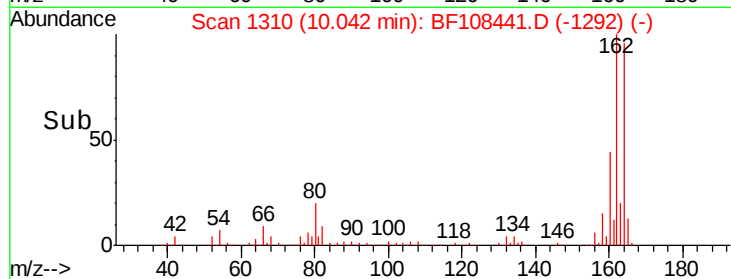
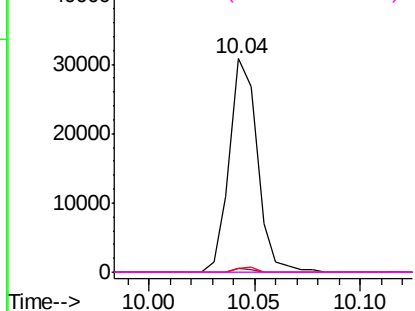


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

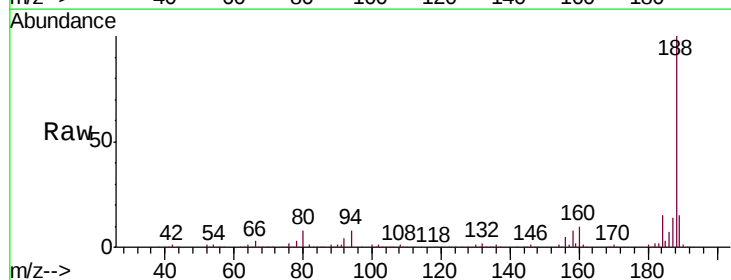
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108441.D
 Acq: 24 Aug 2018 00:37

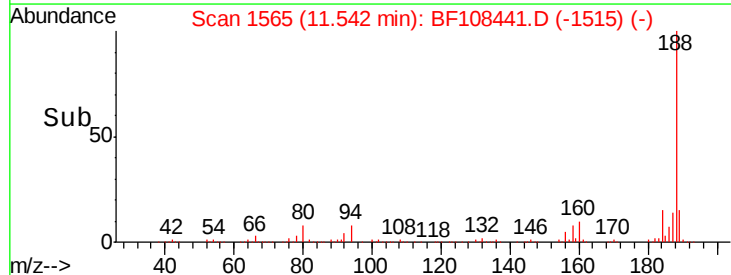
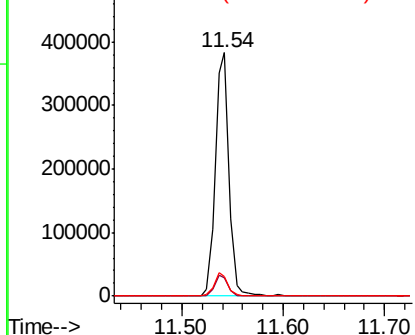
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	357850		
94	7.8	8.5	12.7#	
80	8.2	9.2	13.8#	

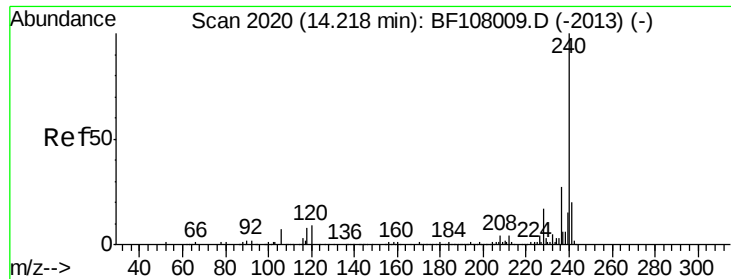


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2016

Delta R.T. -0.01 min

Lab File: BF108441.D

Acq: 24 Aug 2018 00:37

Instrument :

BNA_F

ClientSampleId :

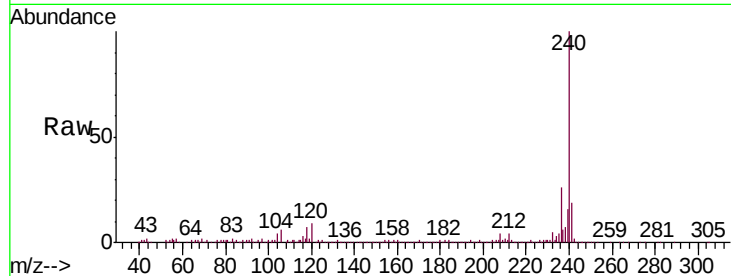
Tgt Ion:240 Resp: 271371

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

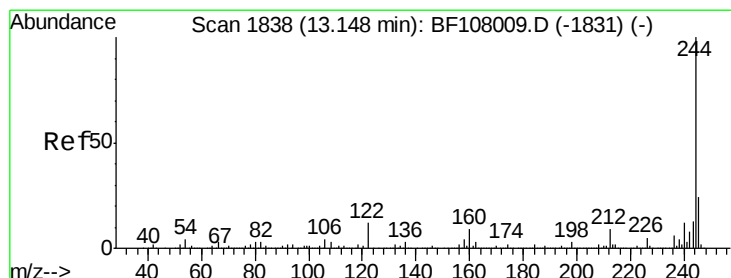
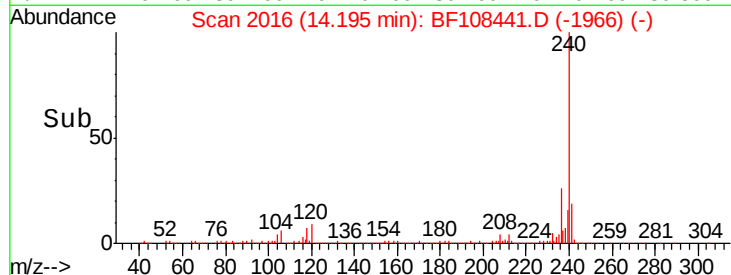
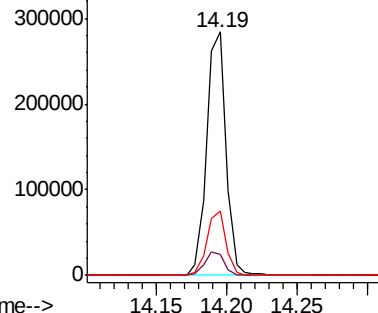
236 26.4 20.7 31.1



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: 7.887 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108441.D

Acq: 24 Aug 2018 00:37

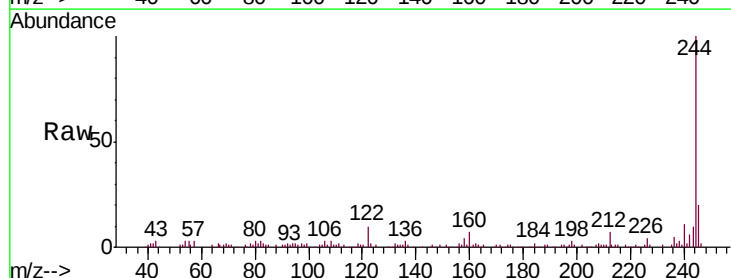
Tgt Ion:244 Resp: 84175

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

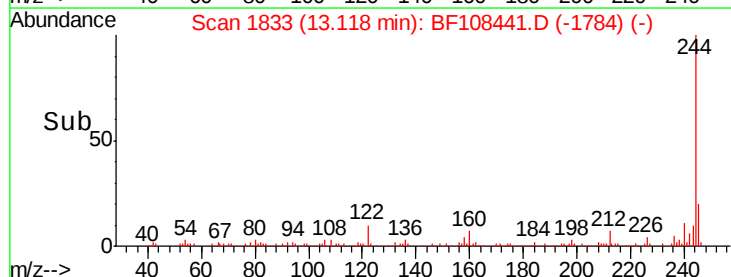
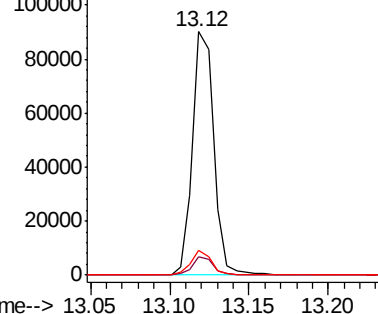
122 9.9 11.0 16.4#

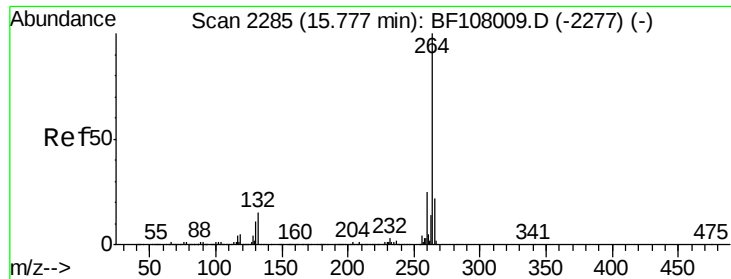


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108441.D
Acq: 24 Aug 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	264	Resp:	240455
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

