

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108241.D
 Acq On : 17 Aug 2018 14:20
 Operator : JU/SJ
 Sample : J4500-17 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 17 14:54:07 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

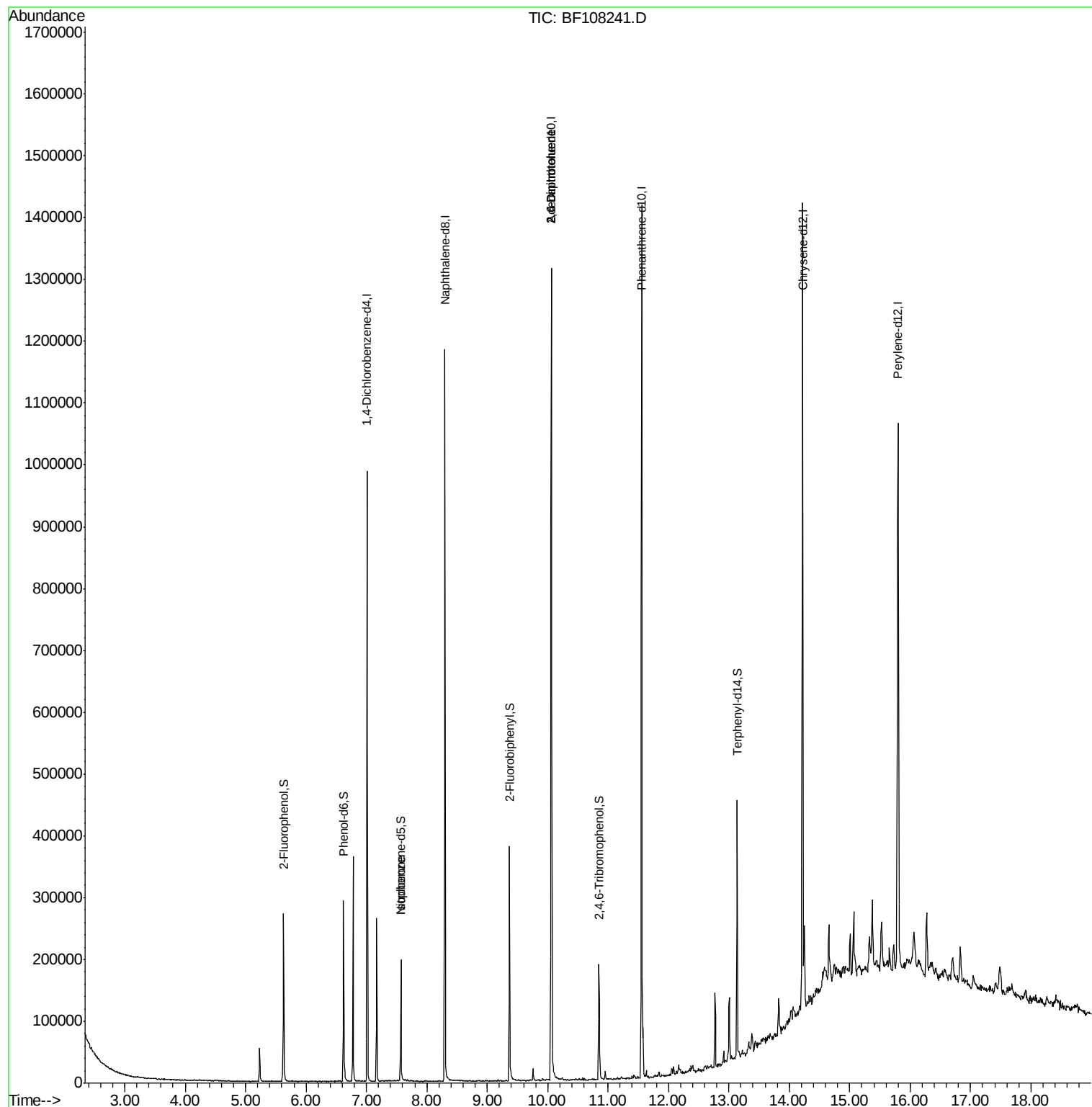
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	128910	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	512480	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	253823	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	487828	20.00	ng	0.00
75) Chrysene-d12	14.22	240	421395	20.00	ng	0.00
86) Perylene-d12	15.80	264	400977	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	72603	10.20	ng	0.00
7) Phenol-d6	6.62	99	95941	10.14	ng	0.00
23) Nitrobenzene-d5	7.57	82	60102	6.54	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	23112	9.13	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	125784	7.96	ng	-0.01
78) Terphenyl-d14	13.14	244	128360	7.74	ng	-0.01
Target Compounds						
25) Isophorone	7.57	82	60101	3.433	ng	# 64
50) 2,6-Dinitrotoluene	10.06	165	31839	8.607	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	31839	6.687	ng	# 23

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

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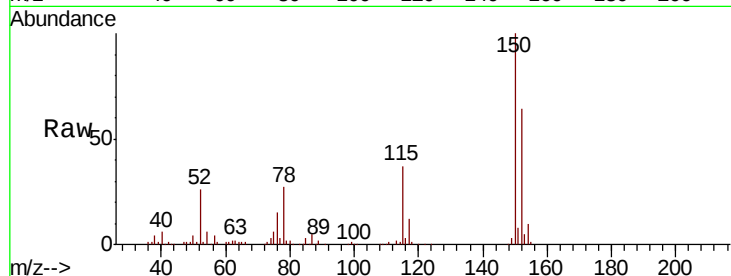


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	57.9	50.1	75.1

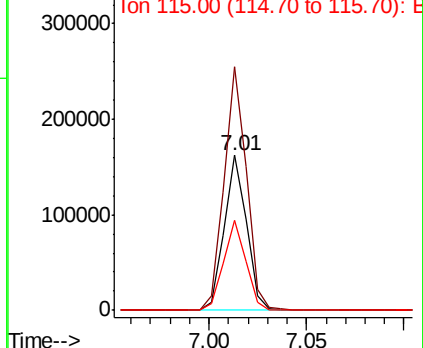
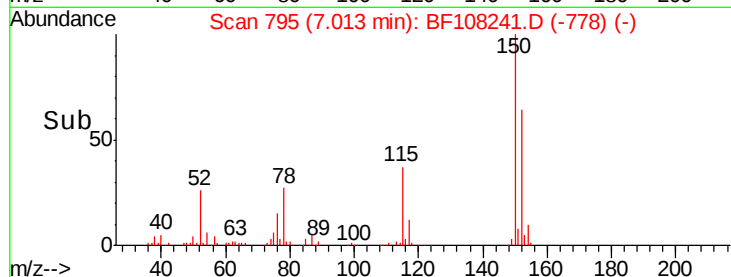


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

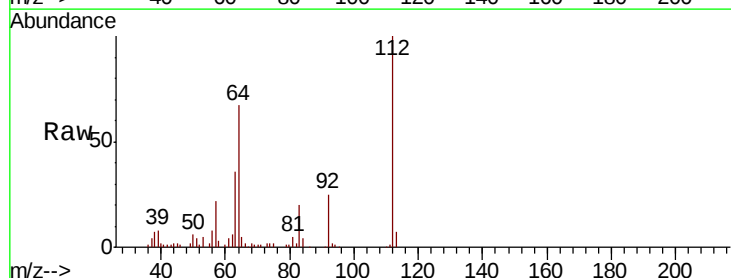
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.197 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	47.9	71.9
63	36.3	23.7	35.5#

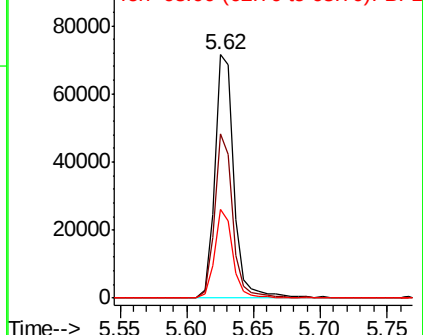
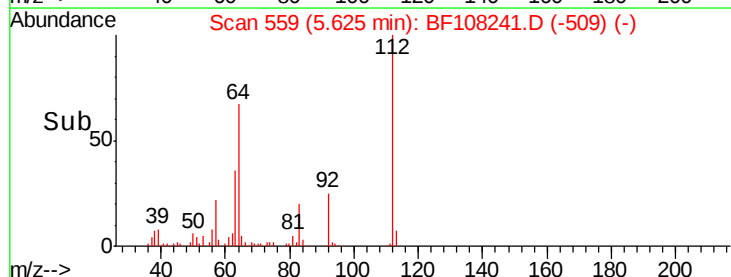


Abundance

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: 10.140 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108241.D

Acq: 17 Aug 2018 14:20

Instrument :

BNA_F

ClientSampled :

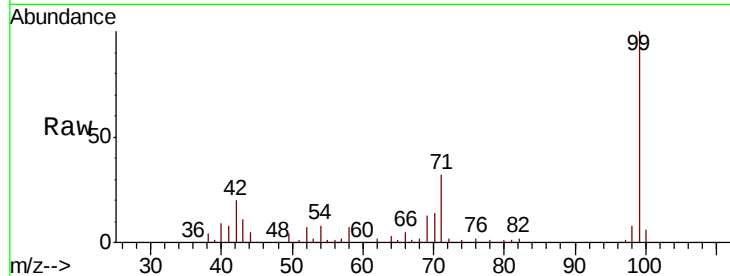
Tot Ion: 99 Resp: 95941

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

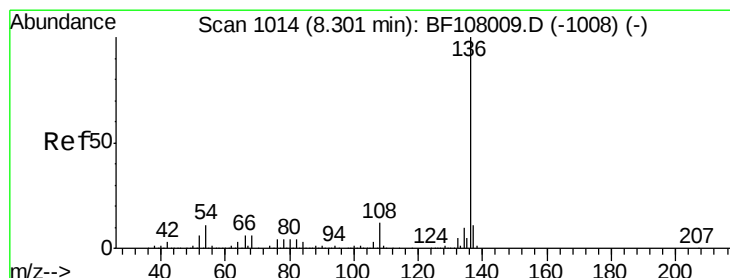
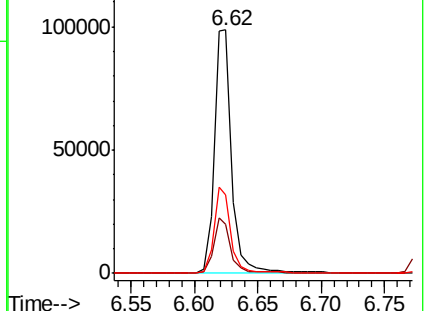
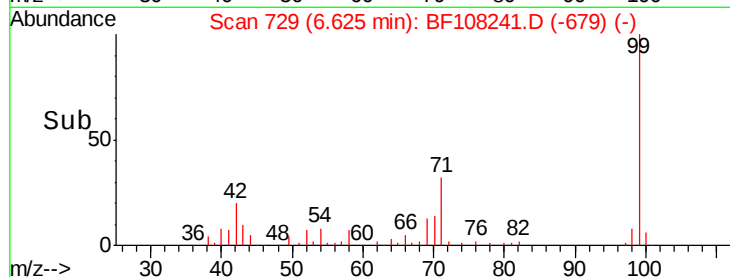
71 32.4 25.4 38.0



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# 1013

Delta R.T. -0.01 min

Lab File: BF108241.D

Acq: 17 Aug 2018 14:20

Tgt Ion: 136 Resp: 512480

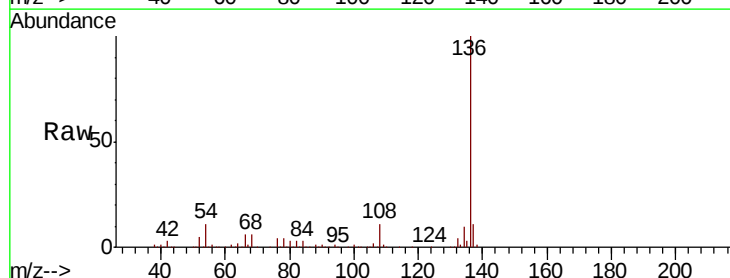
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.6 6.6 9.8#

68 6.4 5.0 7.4

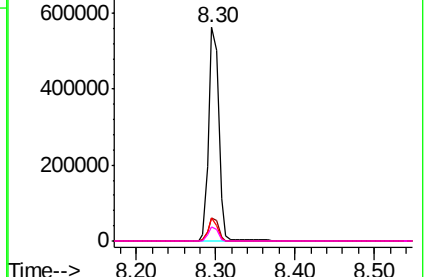
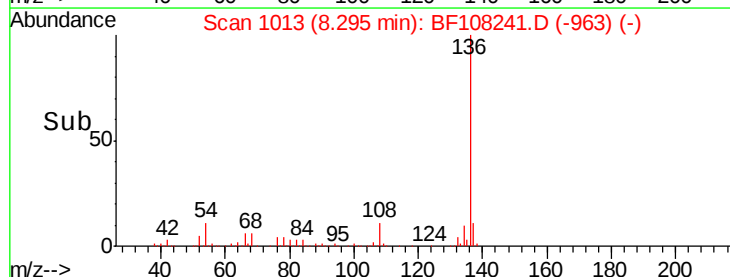


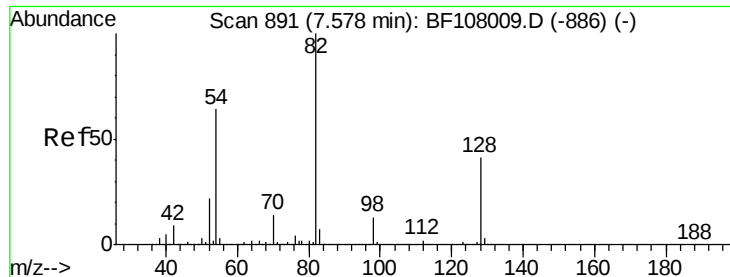
Abundance Ion 136.00 (135.70 to 136.70): E

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

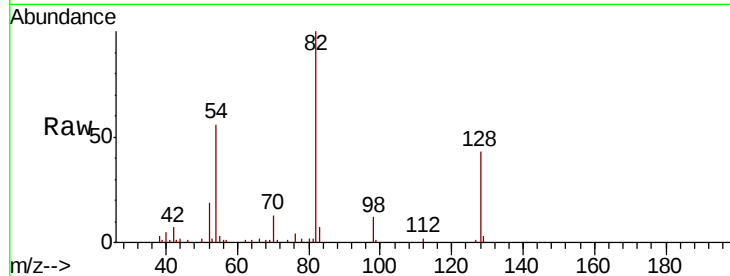




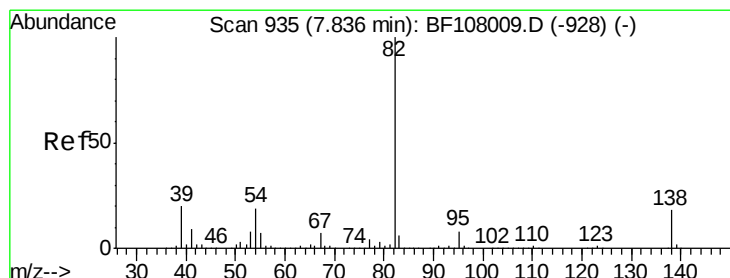
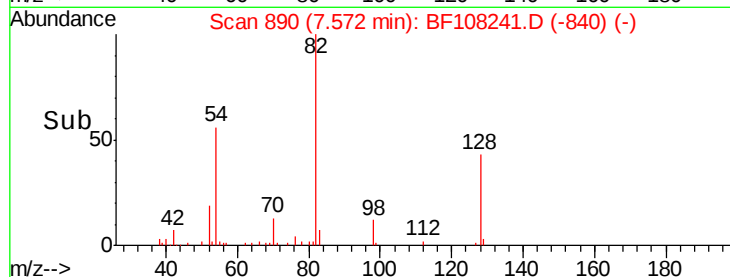
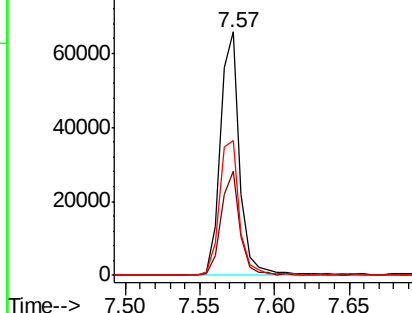
#23
Nitrobenzene-d5
Concen: 6.544 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	60102
Ion Ratio	100	Lower	Upper
128	43.0	36.1	54.1
54	55.6	41.4	62.2

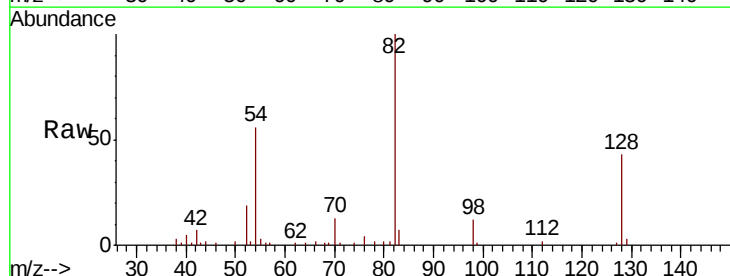


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

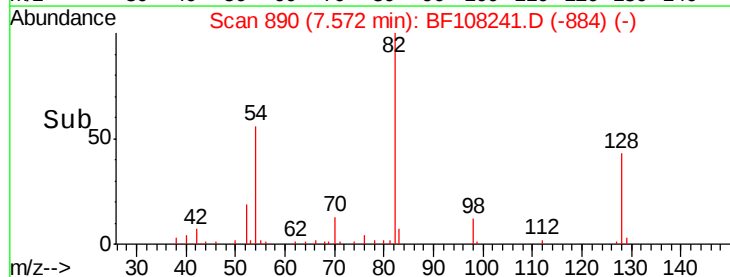
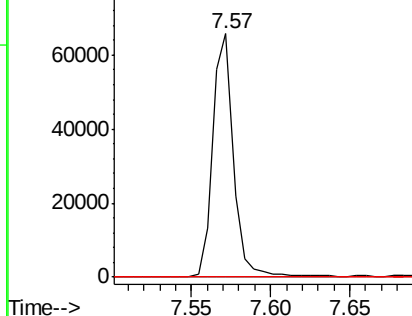


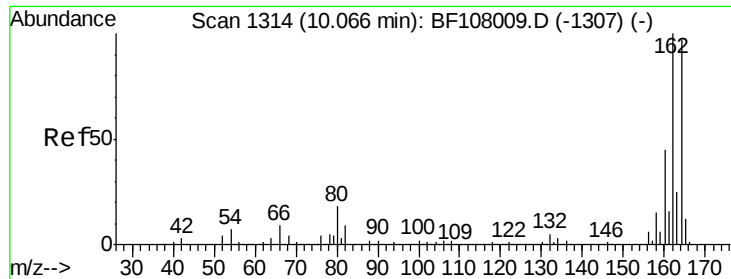
#25
Isophorone
Concen: 3.433 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Tgt Ion	82	Resp	60101
Ion Ratio	100	Lower	Upper
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

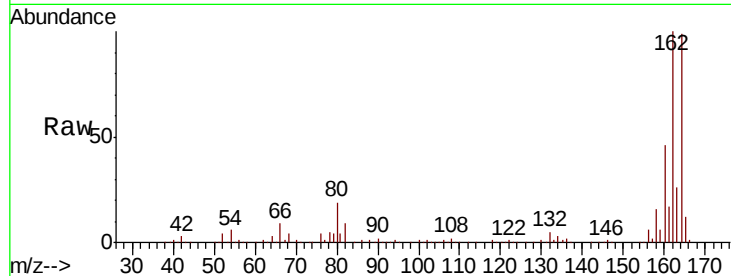




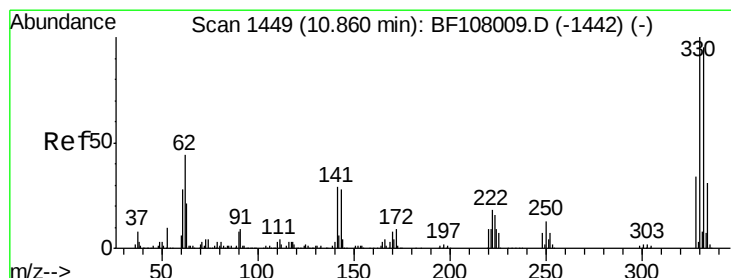
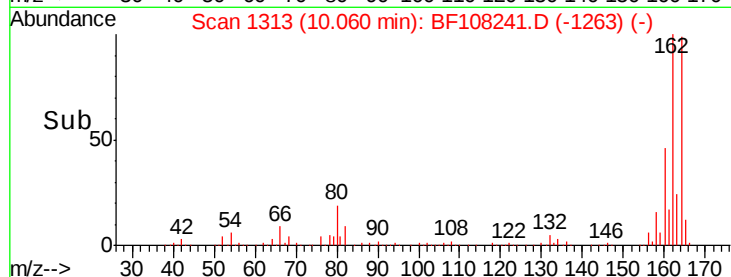
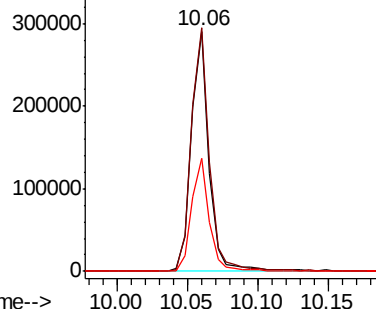
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 253823
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 47.0 38.3 57.5

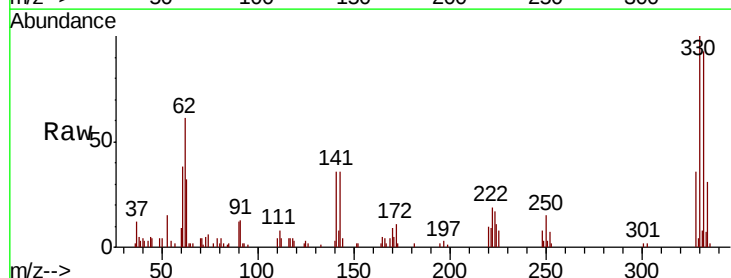


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

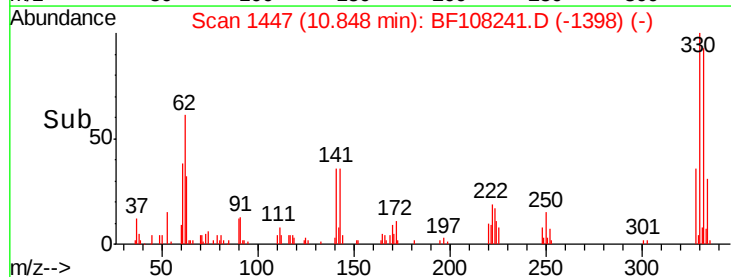
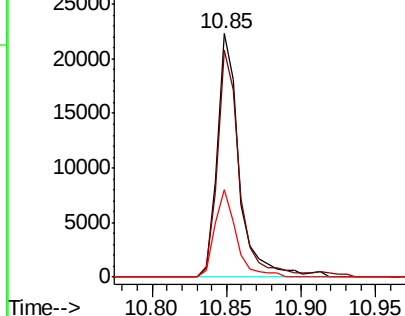


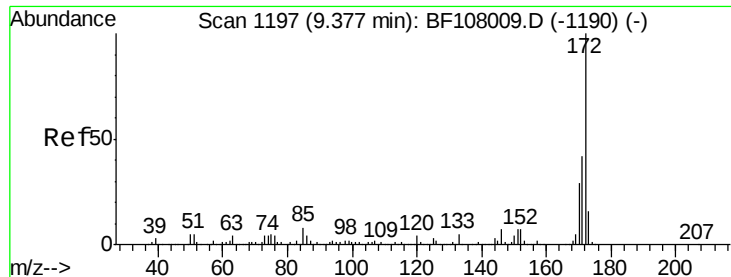
#41
2,4,6-Tribromophenol
Concen: 9.129 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Tgt Ion:330 Resp: 23112
Ion Ratio Lower Upper
330 100
332 93.8 77.0 115.6
141 34.9 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

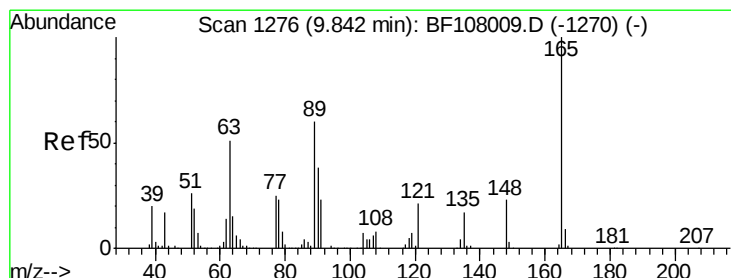
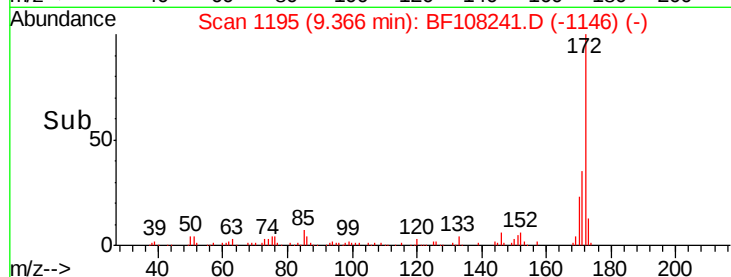
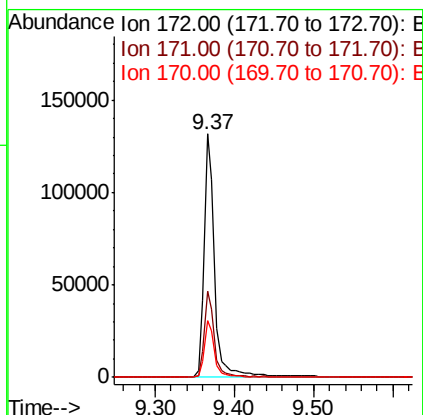
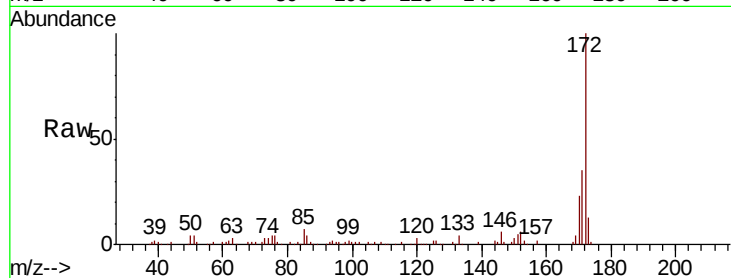




#44
2-Fluorobiphenyl
Concen: 7.956 ng
RT: 9.37 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

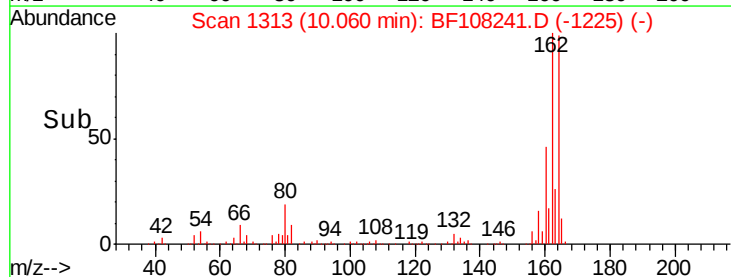
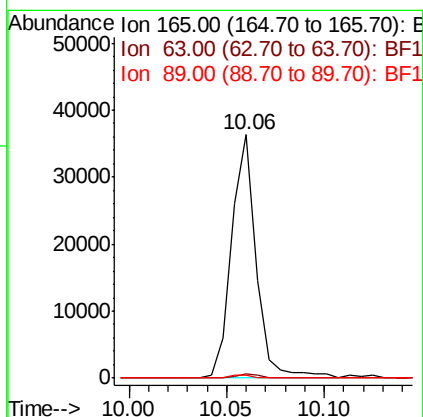
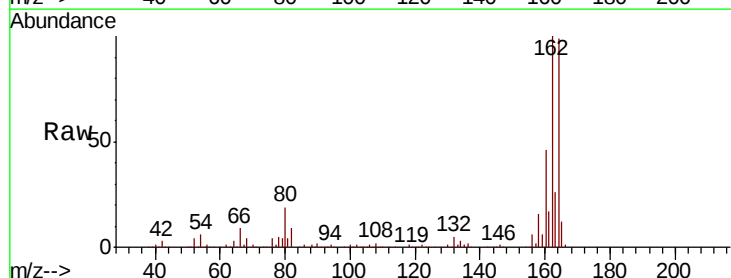
Instrument :
BNA_F
ClientSampleId :

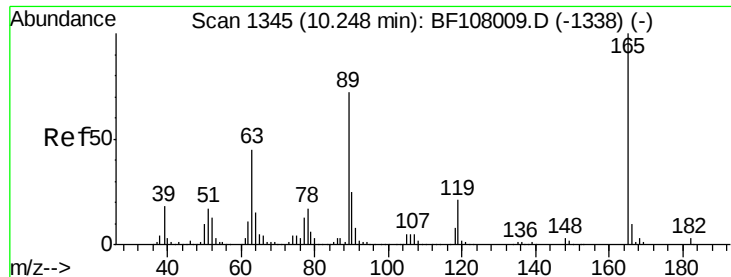
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.3	19.6	29.4



#50
2,6-Dinitrotoluene
Concen: 8.607 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

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

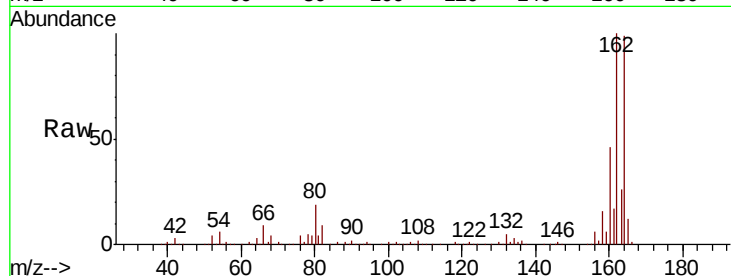




#56
 2,4-Dinitrotoluene
 Concen: 6.687 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108241.D
 Acq: 17 Aug 2018 14:20

Instrument :
 BNA_F
 ClientSampled :

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



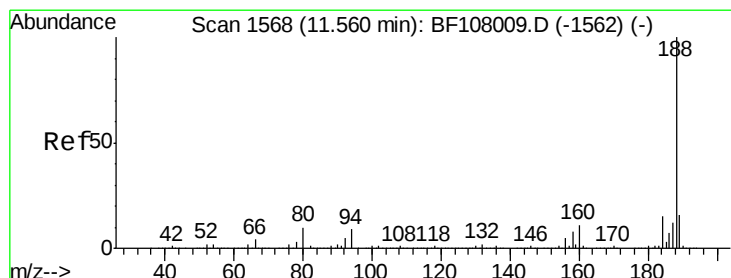
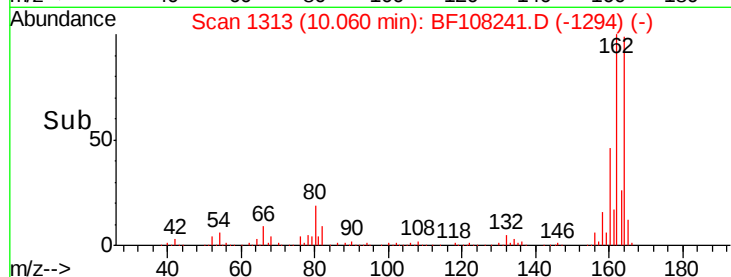
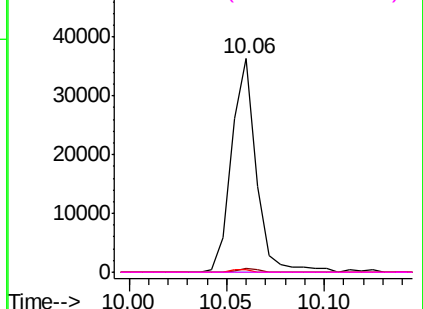
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

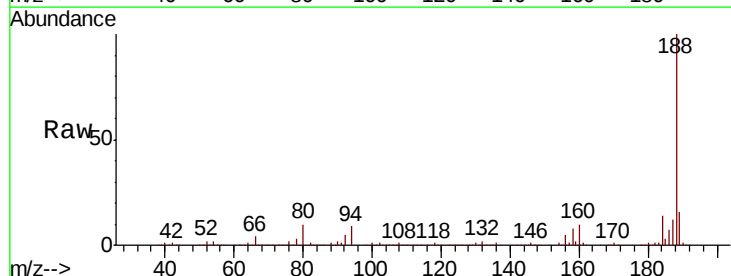
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108241.D
 Acq: 17 Aug 2018 14:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.0	9.2	13.8

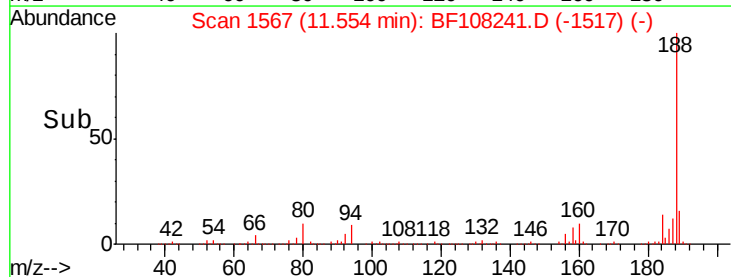
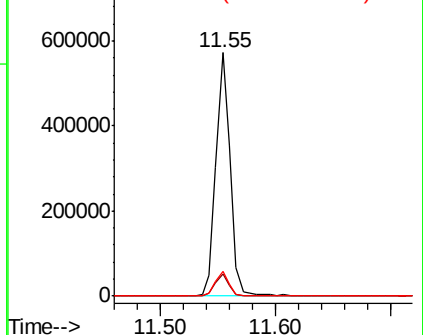


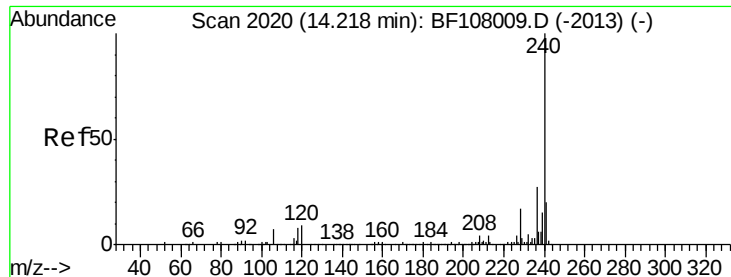
Abundance

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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108241.D

Acq: 17 Aug 2018 14:20

Instrument :

BNA_F

ClientSampleId :

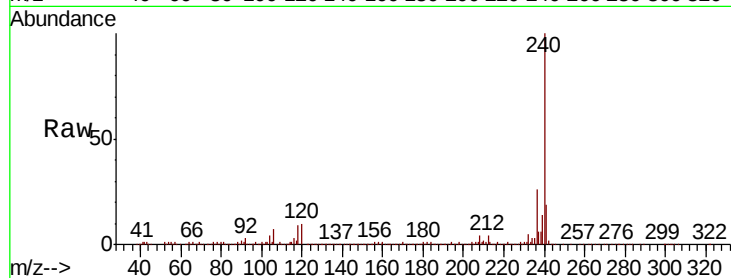
Tot Ion:240 Resp: 421395

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

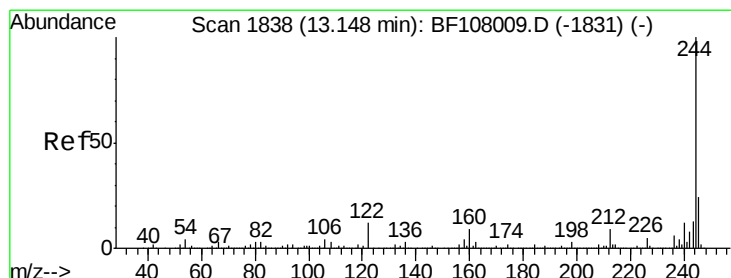
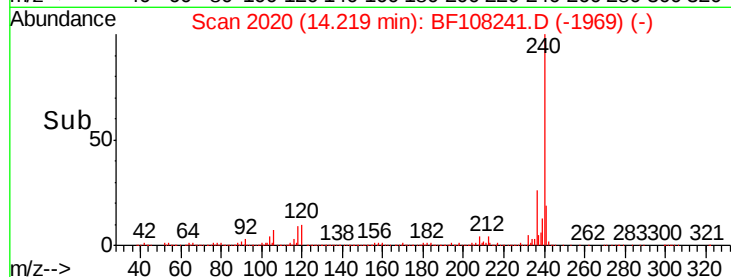
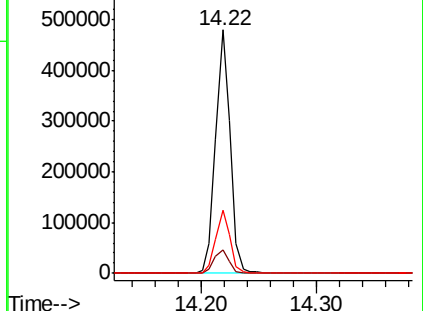
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 7.745 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108241.D

Acq: 17 Aug 2018 14:20

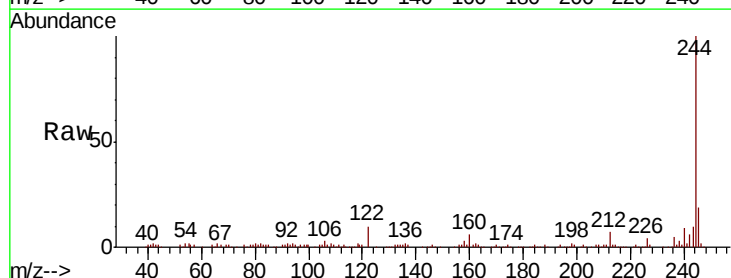
Tgt Ion:244 Resp: 128360

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

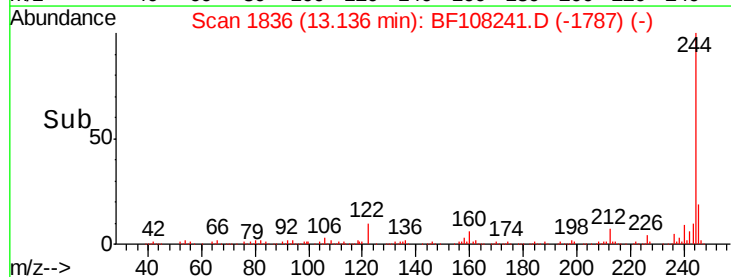
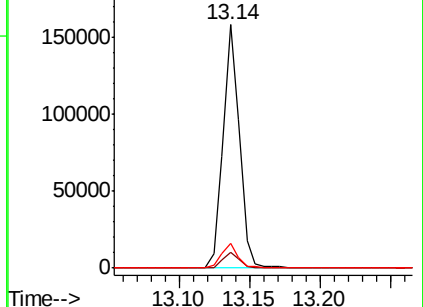
122 9.9 11.0 16.4#

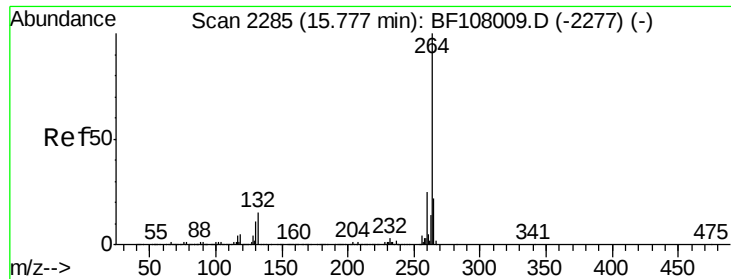


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.80 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.3	17.5	26.3

