

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108465.D
 Acq On : 24 Aug 2018 16:02
 Operator : JU/SJ
 Sample : PB112335BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 16:33:53 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 22 11:01:45 2018
 Response via : Initial Calibration

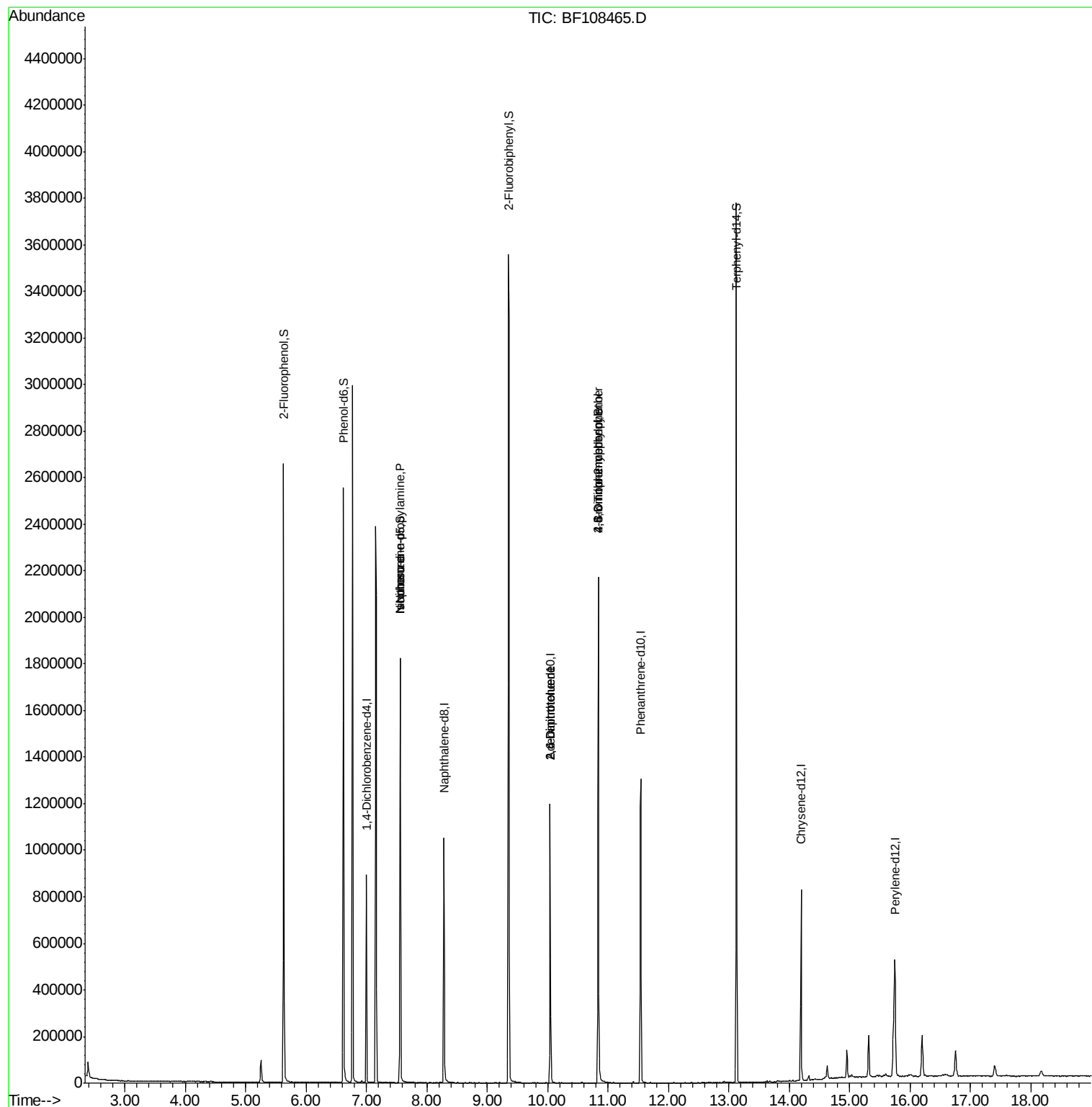
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	125579	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	481754	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	248392	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	513466	20.00	ng	0.00
75) Chrysene-d12	14.19	240	317848	20.00	ng	0.00
86) Perylene-d12	15.75	264	266792	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	694948	100.19	ng	0.00
7) Phenol-d6	6.62	99	924315	100.28	ng	0.00
23) Nitrobenzene-d5	7.56	82	621673	72.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	279013	112.61	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1218491	78.76	ng	-0.01
78) Terphenyl-d14	13.12	244	1365230	109.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	83059	13.325	ng	# 83
25) Isophorone	7.56	82	621668	37.779	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	31306	8.648	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	31306	6.718	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	582	5.627	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	18501	3.316	ng	# 1

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

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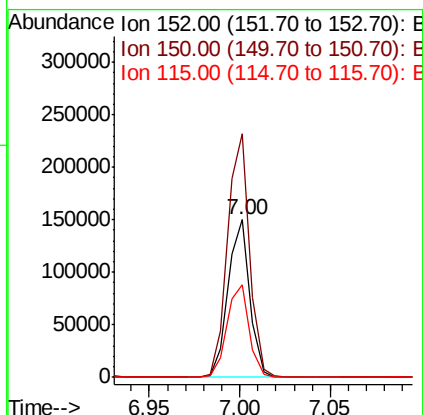
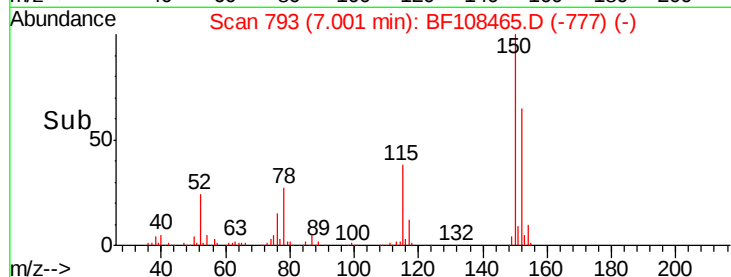
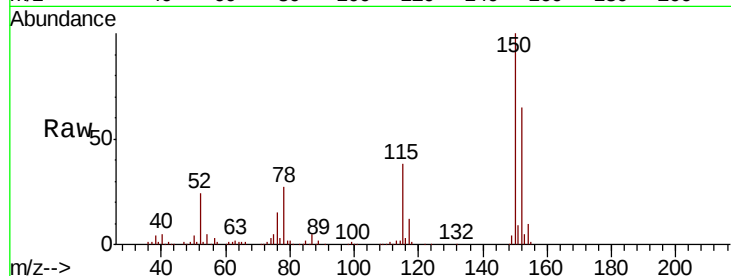


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108465.D
Acq: 24 Aug 2018 16:02

Instrument :
BNA_G
ClientSampleId :

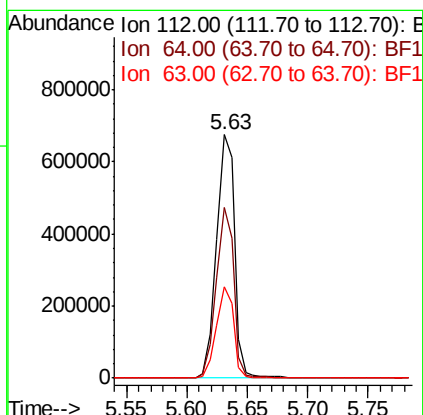
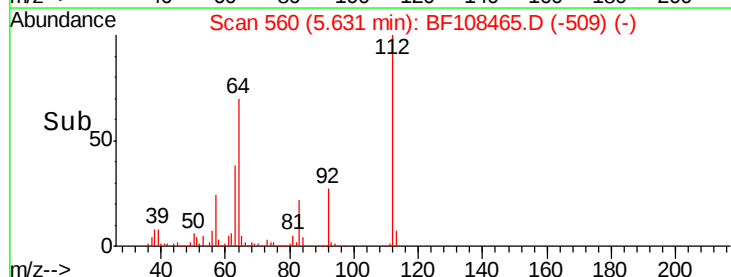
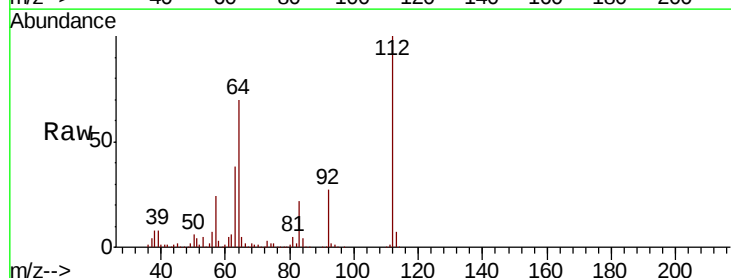
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	58.6	50.1	75.1



#5

2-Fluorophenol
Concen: 100.190 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108465.D
Acq: 24 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	37.6	23.7	35.5





#7

Phenol-d6

Concen: 100.279 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

Instrument :

BNA_G

ClientSampleId :

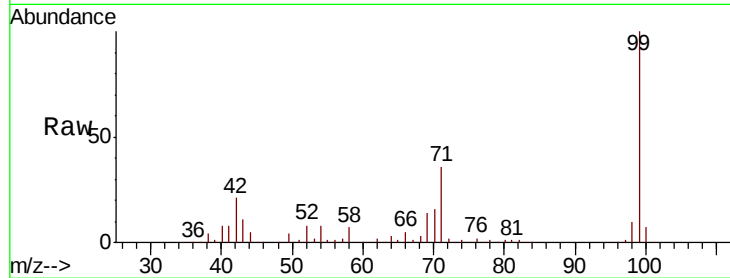
Tot Ion: 99 Resp: 924315

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

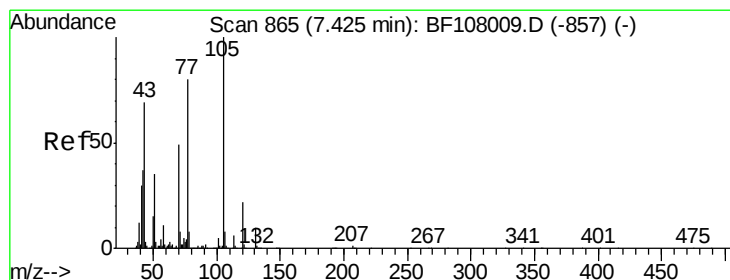
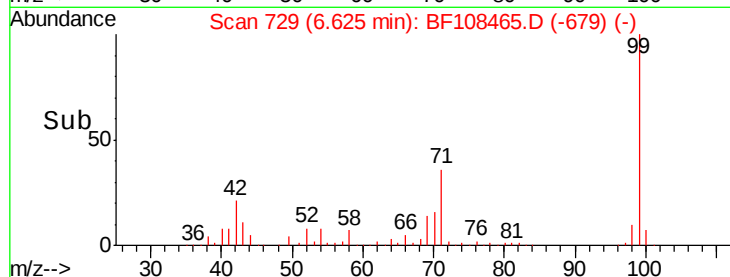
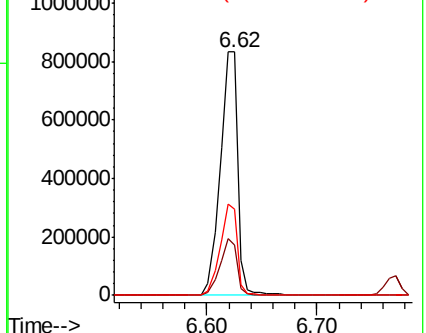
71 35.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.325 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

Tgt Ion: 70 Resp: 83059

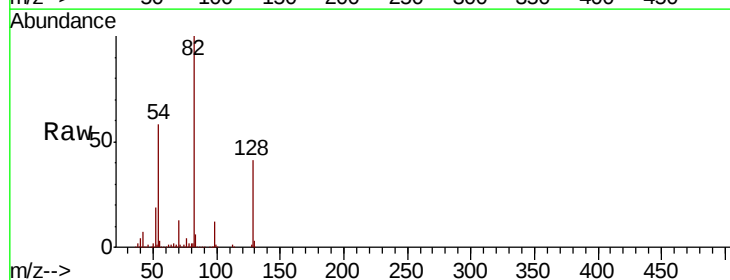
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

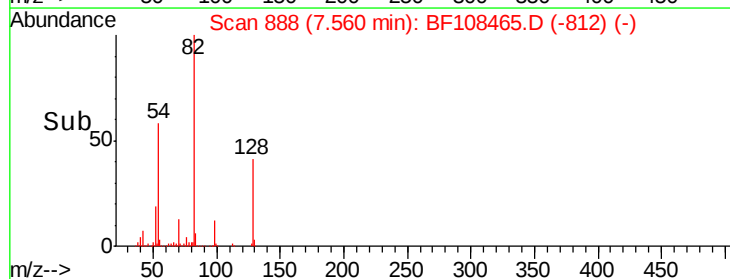
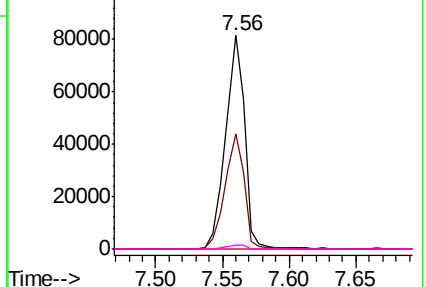


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 481754

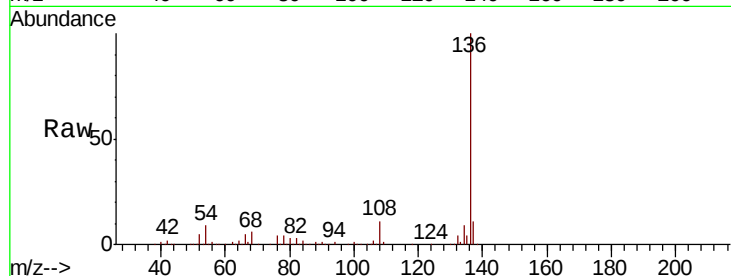
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.4 6.6 9.8

68 5.5 5.0 7.4

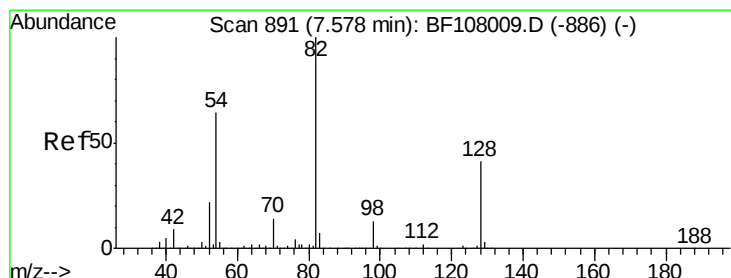
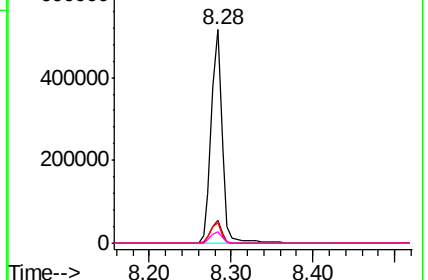
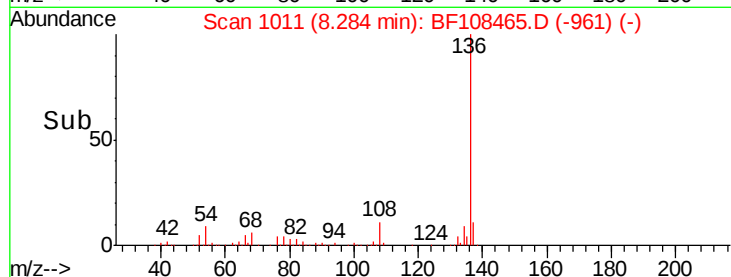


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.008 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

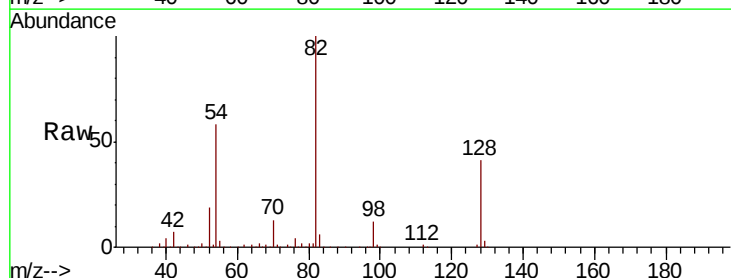
Tgt Ion: 82 Resp: 621673

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

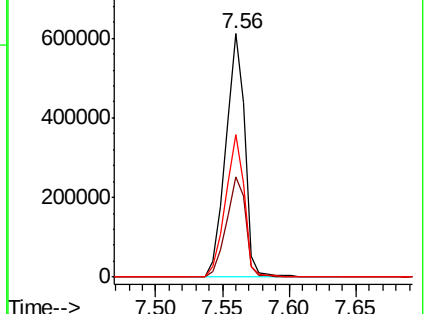
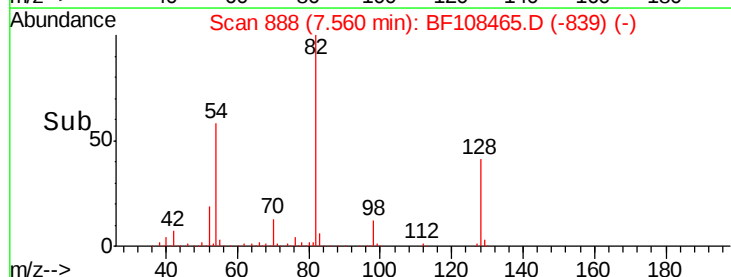
54 58.3 41.4 62.2



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: 37.779 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

Instrument :

BNA_G

ClientSampleId :

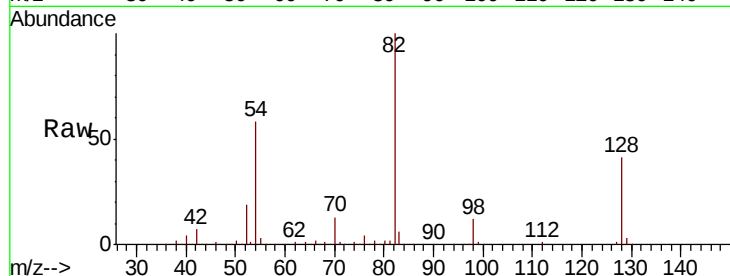
Tot Ion: 82 Resp: 621668

Ion Ratio Lower Upper

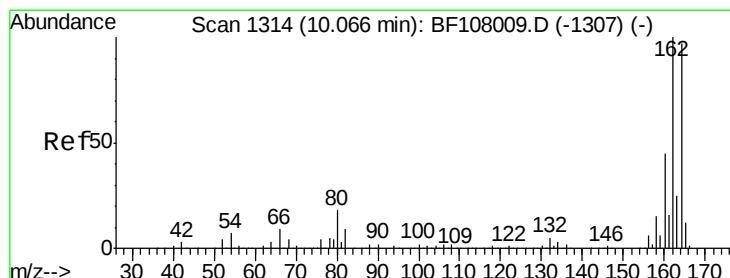
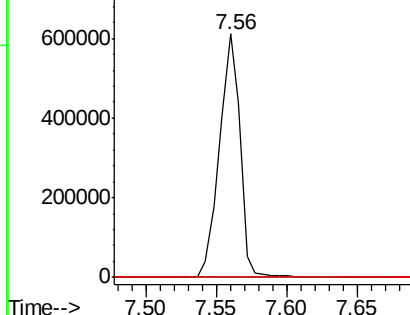
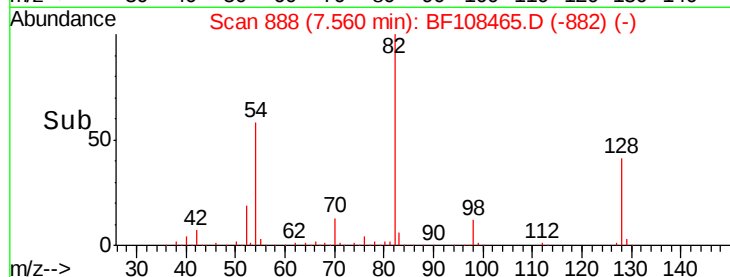
82 100

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: BF108465.D

Acq: 24 Aug 2018 16:02

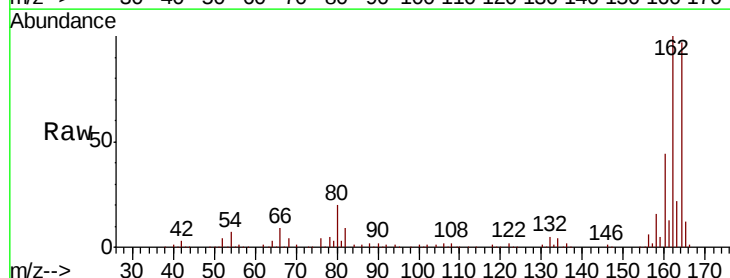
Tgt Ion: 164 Resp: 248392

Ion Ratio Lower Upper

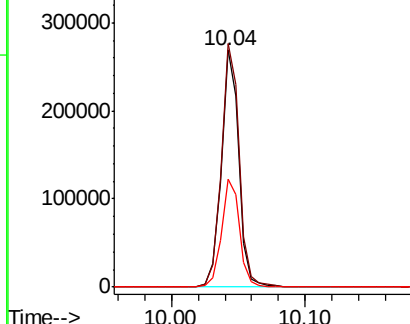
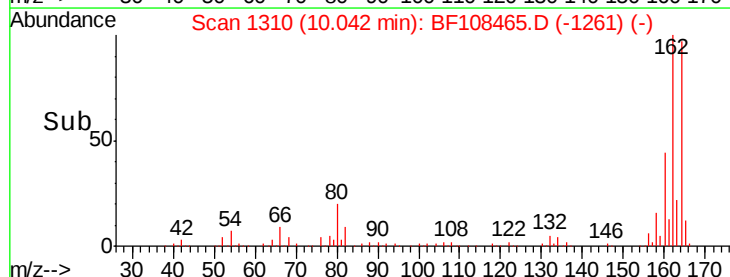
164 100

162 102.7 86.1 129.1

160 45.3 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

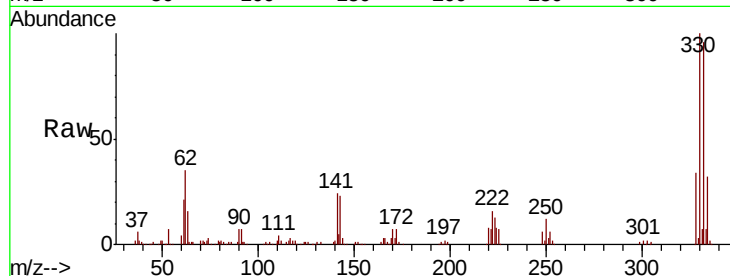




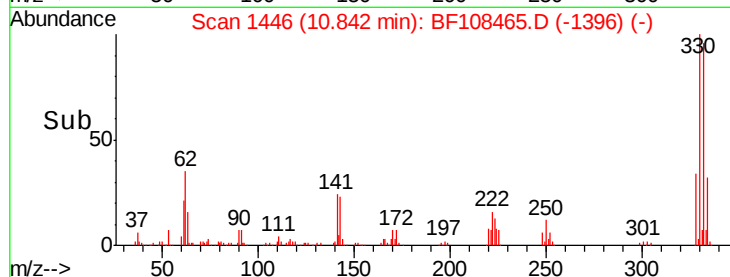
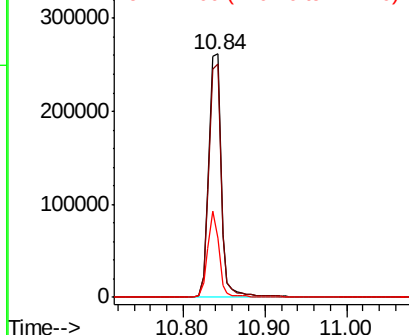
#41
 2,4,6-Tribromophenol
 Concen: 112.612 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 279013
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.2 29.9 44.9

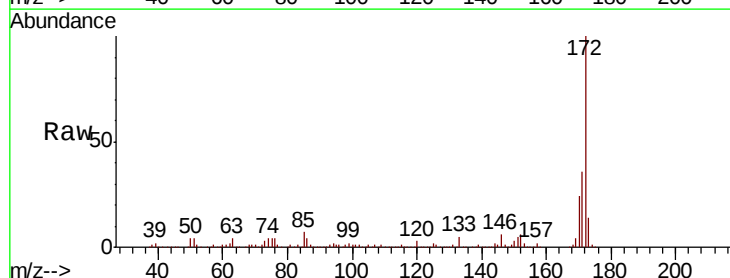


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

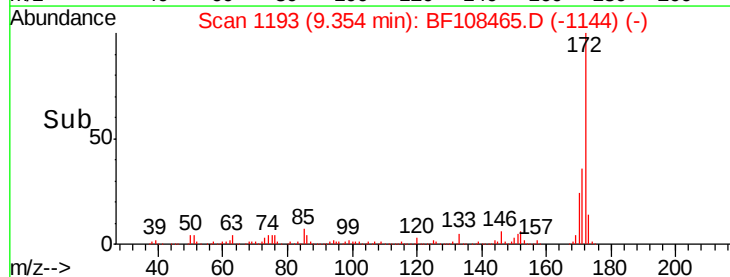
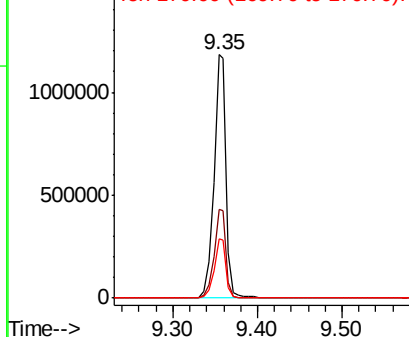


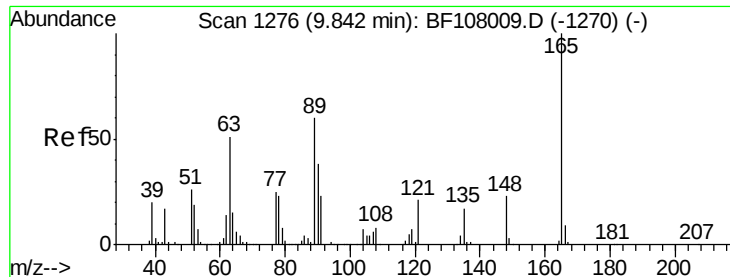
#44
 2-Fluorobiphenyl
 Concen: 78.757 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Tgt Ion:172 Resp: 1218491
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.5 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

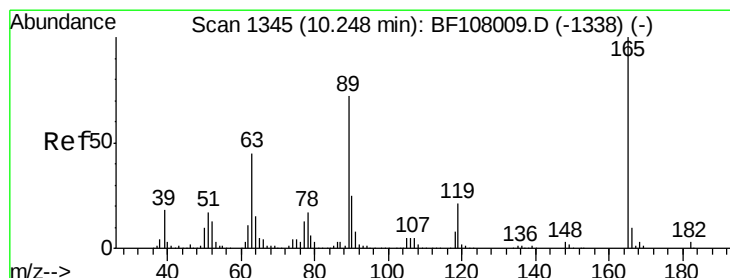
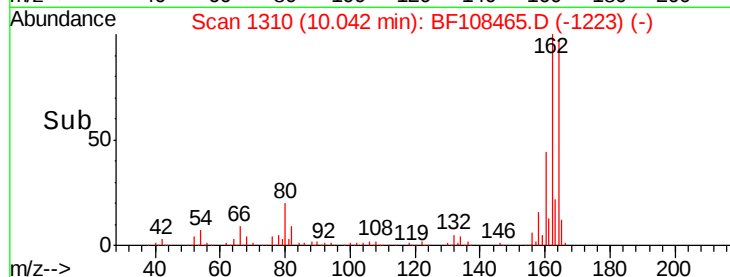
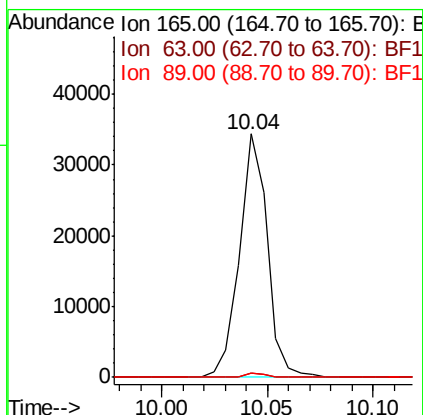
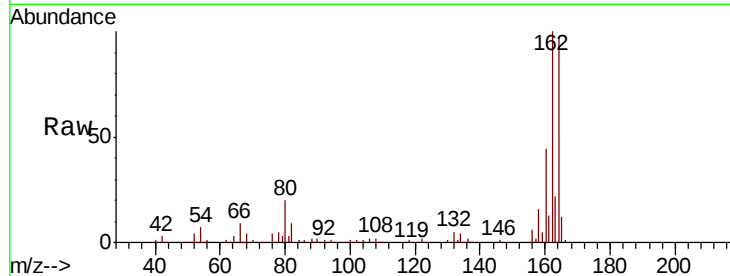




#50
 2,6-Dinitrotoluene
 Concen: 8.648 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

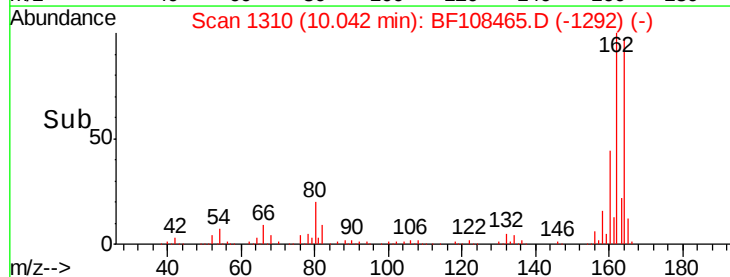
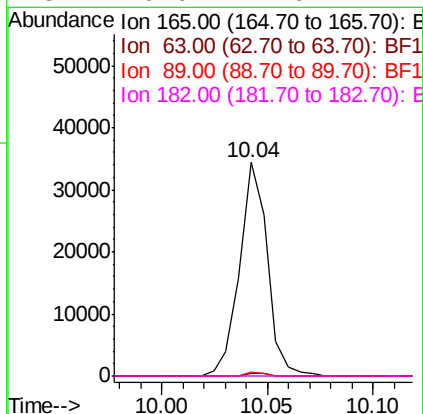
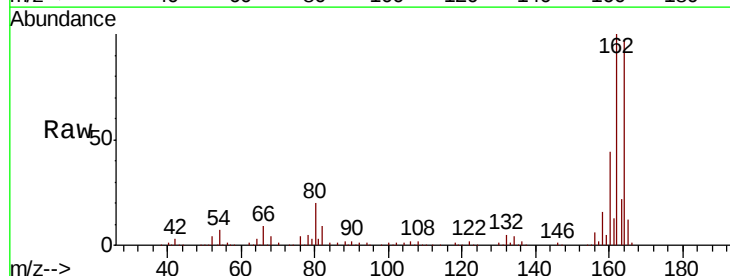
Instrument :
 BNA_G
 ClientSampleId :

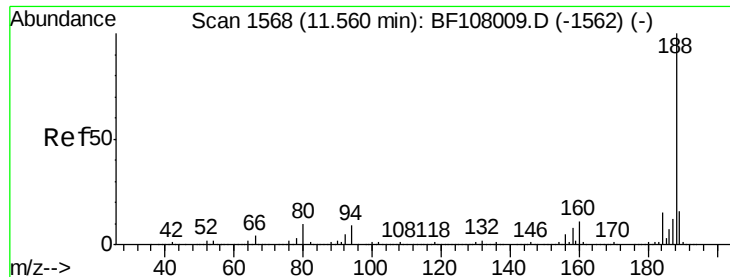
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.718 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

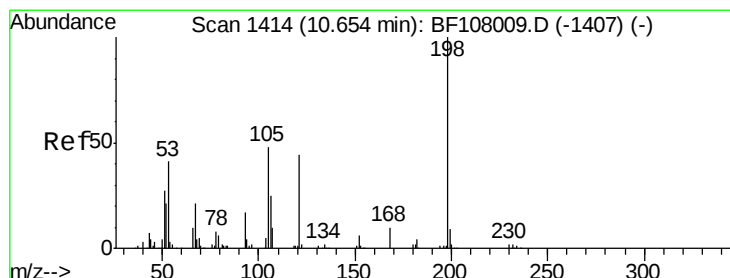
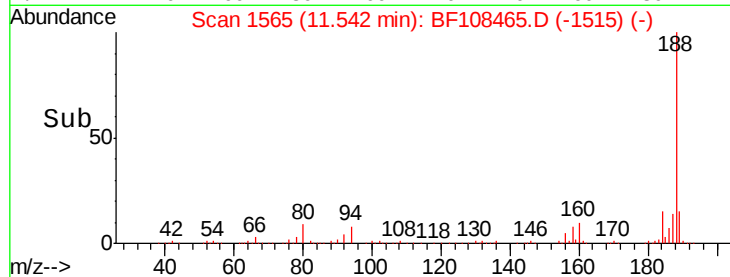
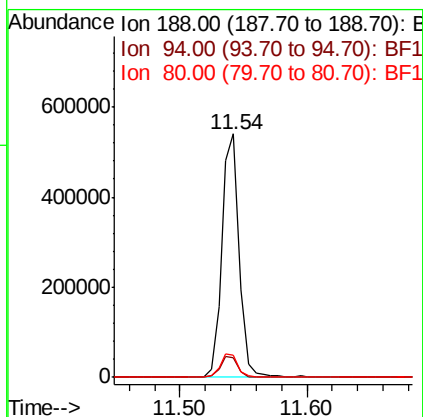
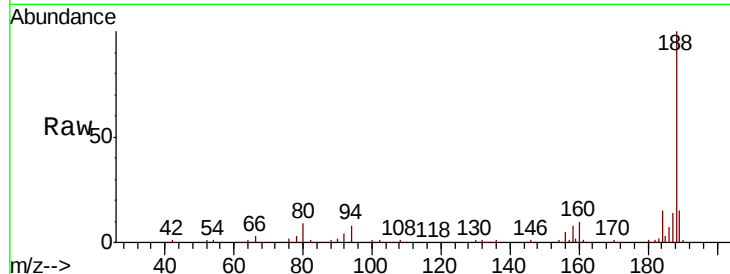




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

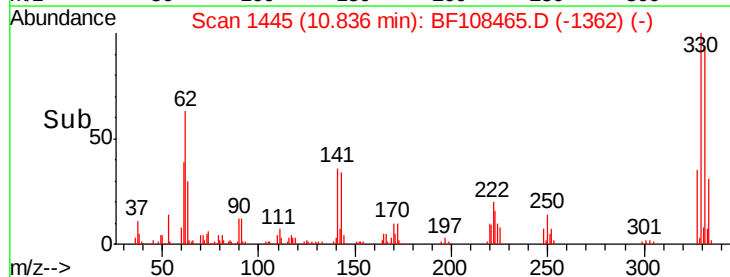
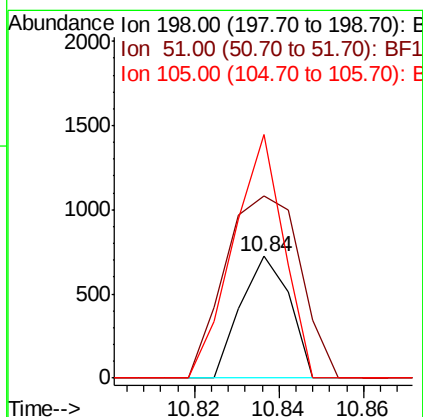
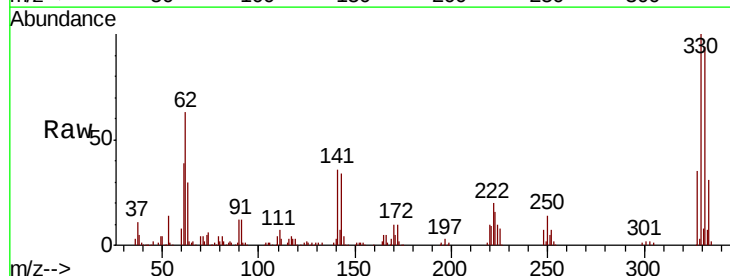
Instrument :
 BNA_G
 ClientSampleId :

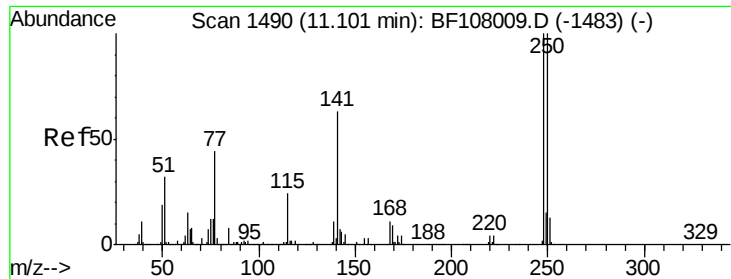
Tot Ion:188 Resp: 513466
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.5 12.7#
 80 9.0 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.627 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Tgt Ion:198 Resp: 582
 Ion Ratio Lower Upper
 198 100
 51 150.0 37.7 77.7#
 105 200.3 36.3 76.3#

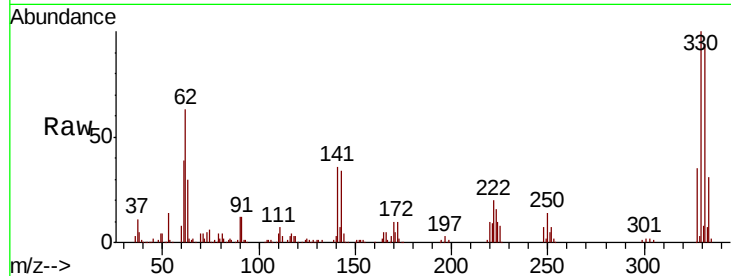




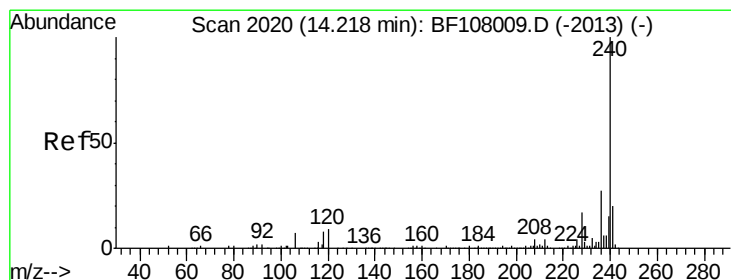
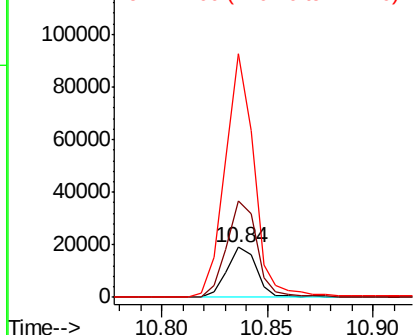
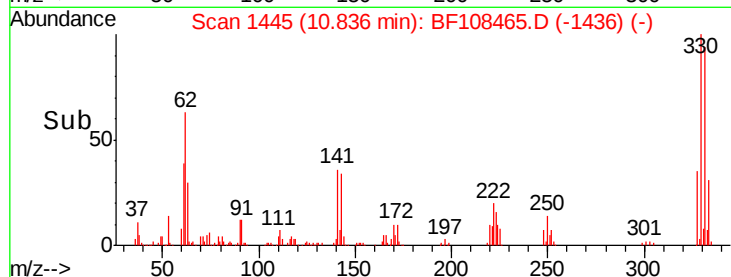
#66
 4-Bromophenyl-phenylether
 Concen: 3.316 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18501
 Ion Ratio Lower Upper
 248 100
 250 193.9 76.9 115.3#
 141 487.8 74.4 111.6#

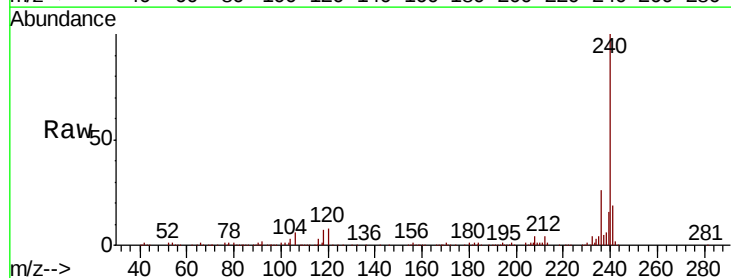


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

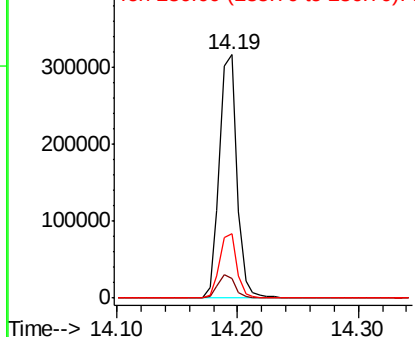
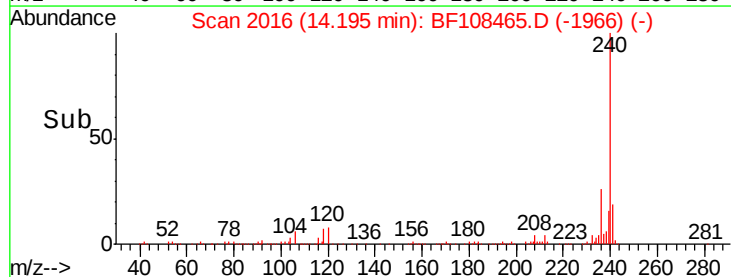


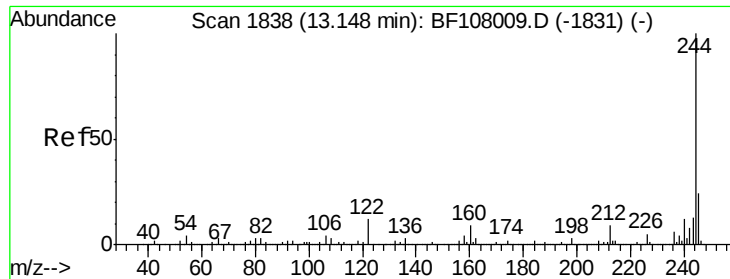
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Tgt Ion:240 Resp: 317848
 Ion Ratio Lower Upper
 240 100
 120 8.2 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: 109.209 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

Instrument :

BNA_G

ClientSampleId :

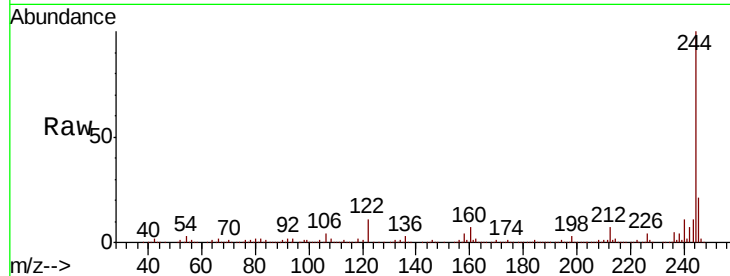
Tot Ion:244 Resp: 1365230

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

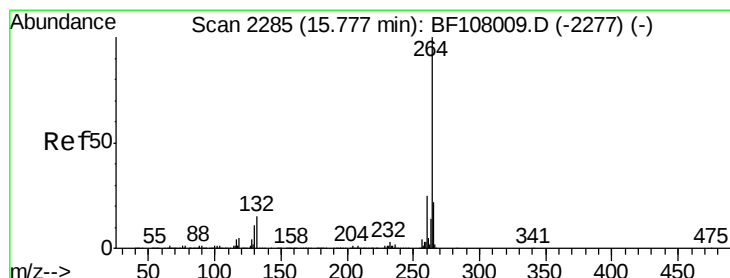
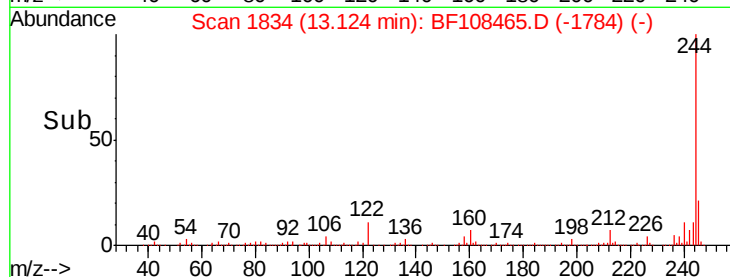
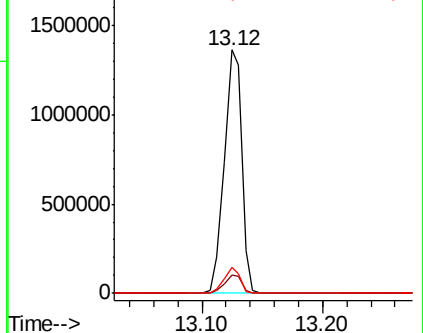
122 10.8 11.0 16.4#



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: BF108465.D

Acq: 24 Aug 2018 16:02

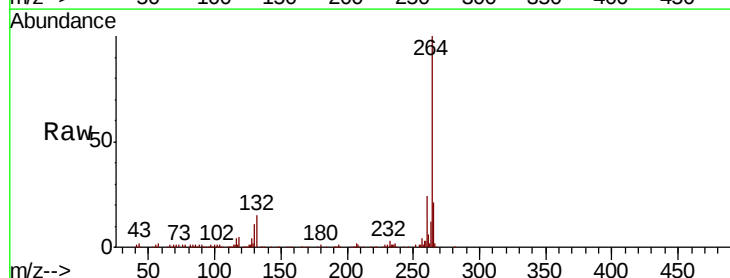
Tgt Ion:264 Resp: 266792

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.7 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

