

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
 Data File : BF108365.D
 Acq On : 22 Aug 2018 3:59
 Operator : JU/SJ
 Sample : J4516-06RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ND-BASELINE-WATERRE

Quant Time: Aug 22 04:59:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

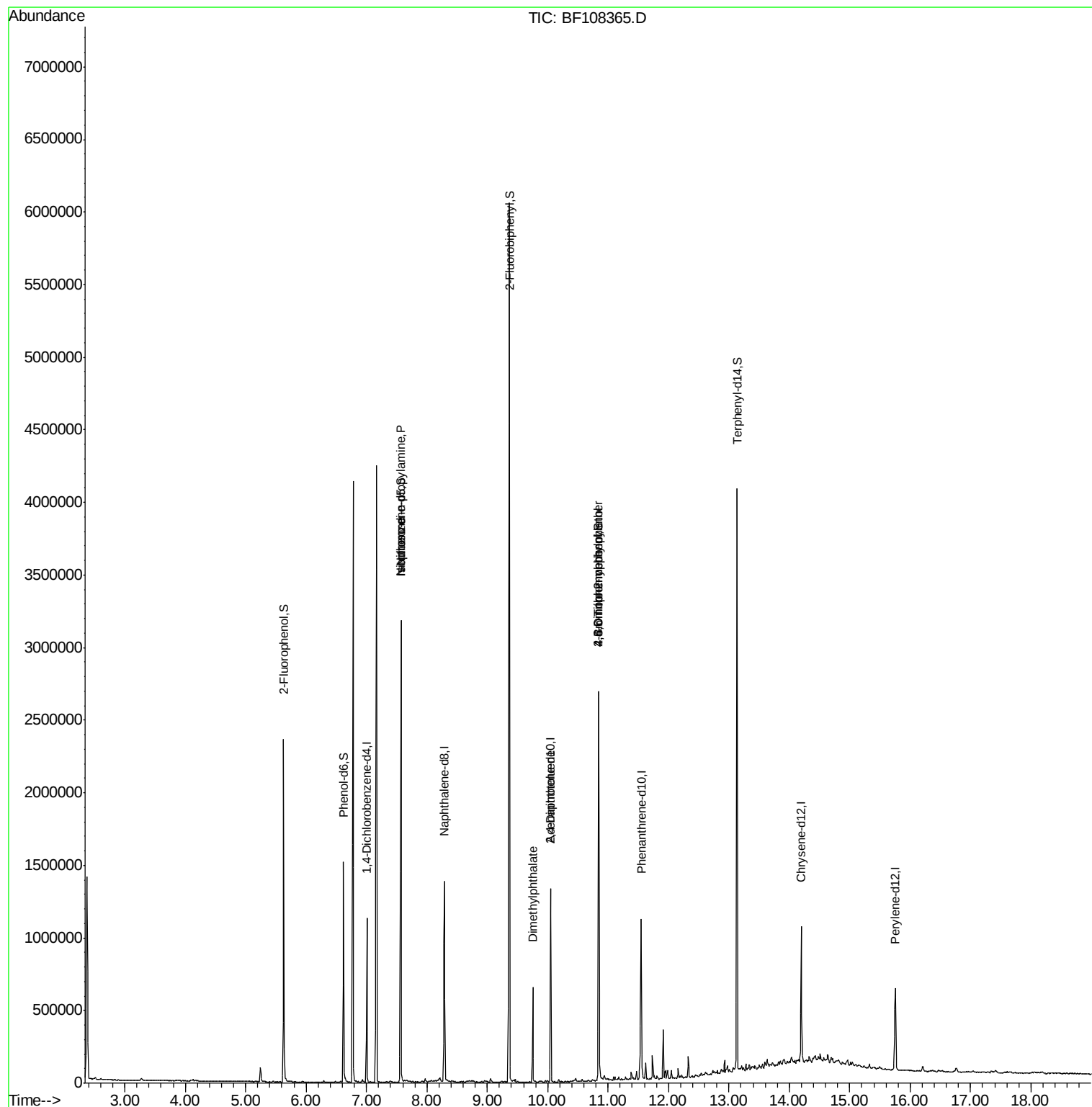
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	161912	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	573640	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	258962	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	413468	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	329826	20.00	ng	-0.02
86) Perylene-d12	15.75	264	280055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	565048	63.18	ng	0.00
7) Phenol-d6	6.62	99	454813	38.27	ng	-0.01
23) Nitrobenzene-d5	7.57	82	1082260	105.28	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	353917	137.01	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	1861723	115.42	ng	-0.01
78) Terphenyl-d14	13.14	244	1446949	111.54	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	147670	18.375	ng	# 82
25) Isophorone	7.57	82	1082242	55.233	ng	# 64
49) Dimethylphthalate	9.75	163	252811	14.015	ng	# 99
56) 2,4-Dinitrotoluene	10.05	165	33709	6.939	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	776	5.803	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	24258	5.399	ng	# 1

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

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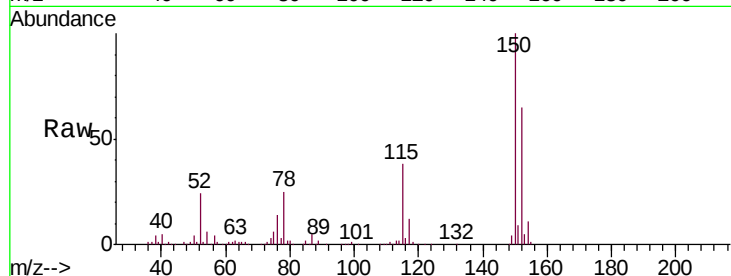


#1

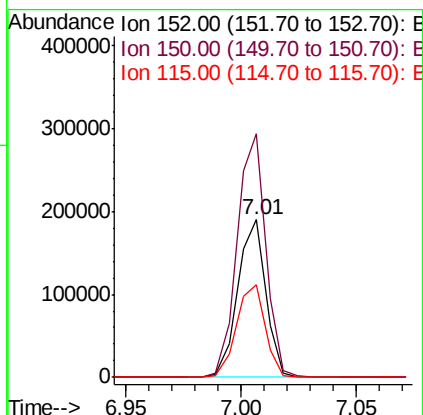
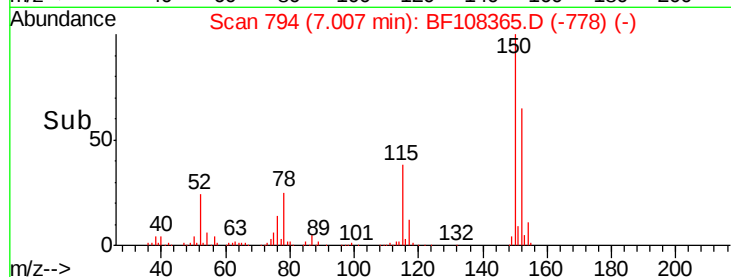
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108365.D
Acq: 22 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATERRE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	59.0	50.1	75.1



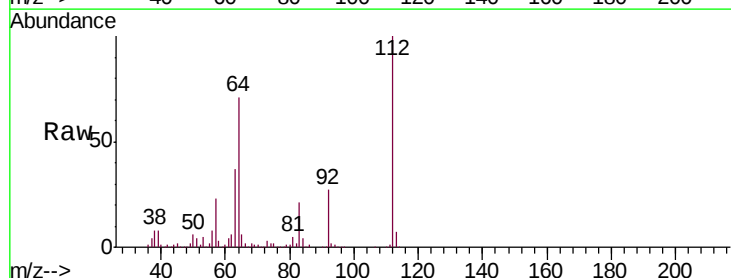
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



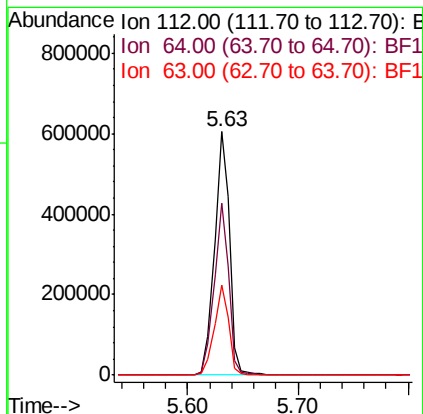
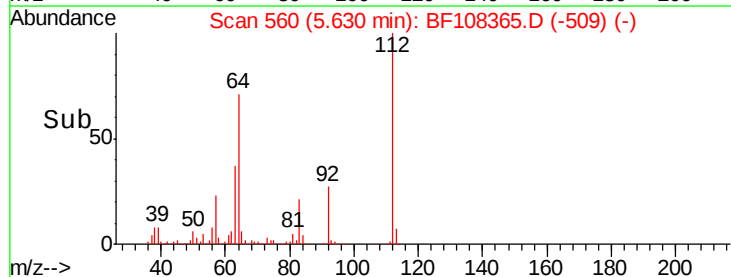
#5

2-Fluorophenol
Concen: 63.182 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108365.D
Acq: 22 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	36.9	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: 38.270 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Instrument :

BNA_F

ClientSampleId :

ND-BASELINE-WATERRE

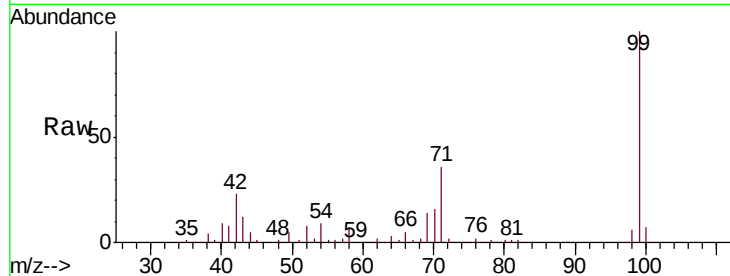
Tgt Ion: 99 Resp: 454813

Ion Ratio Lower Upper

99 100

42 23.2 14.5 21.7#

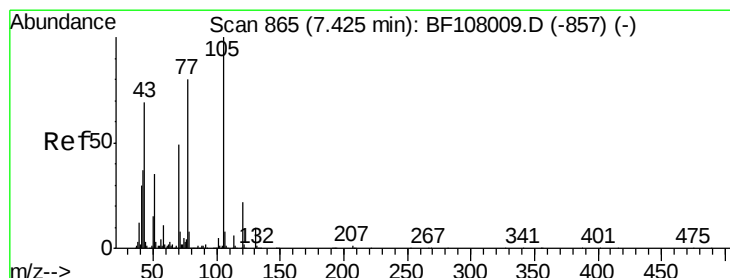
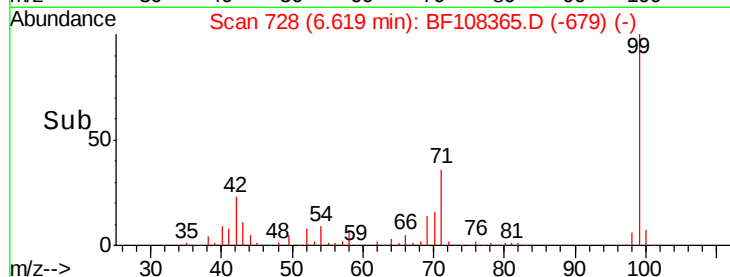
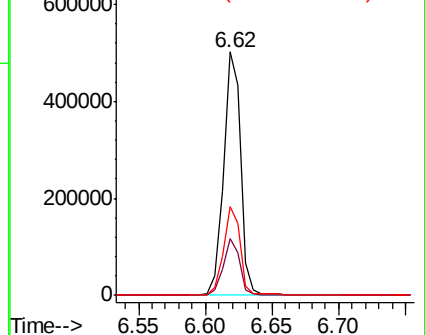
71 36.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.375 ng

RT: 7.57 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Tgt Ion: 70 Resp: 147670

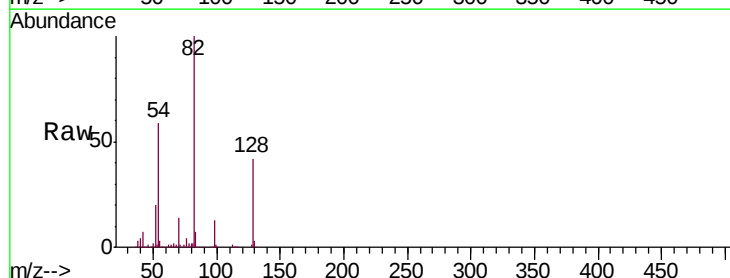
Ion Ratio Lower Upper

70 100

42 53.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

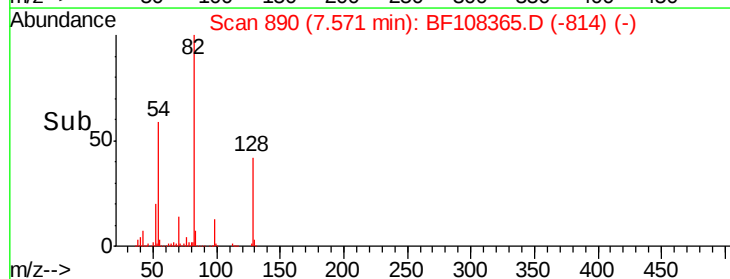
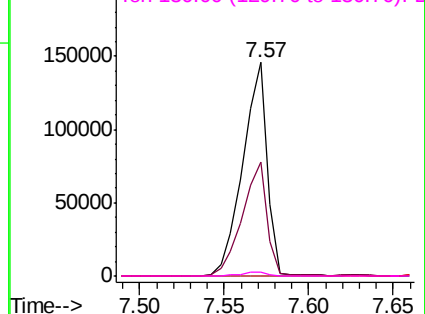


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Instrument :

BNA_F

ClientSampleId :

ND-BASELINE-WATERRE

Tgt Ion: 136 Resp: 573640

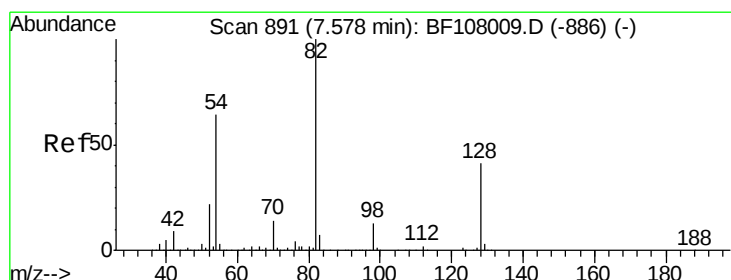
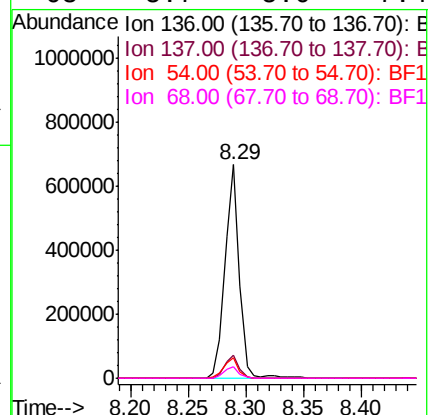
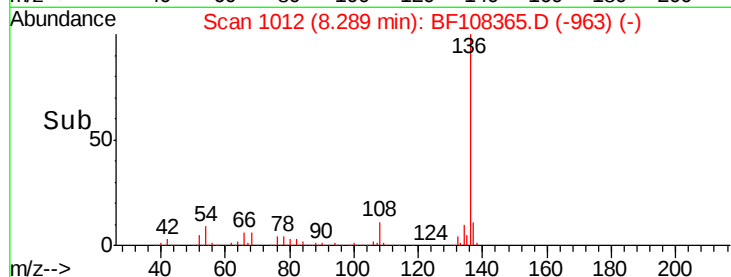
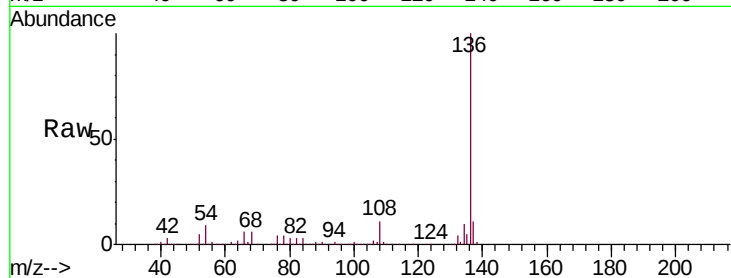
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.4 6.6 9.8

68 5.7 5.0 7.4



#23

Nitrobenzene-d5

Concen: 105.278 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

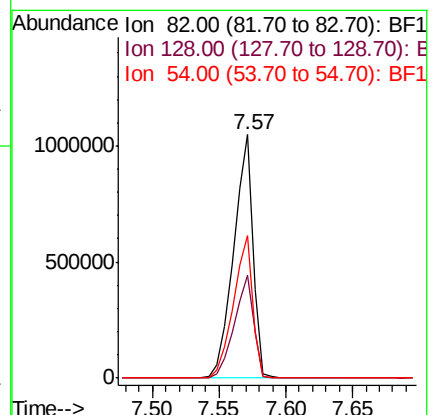
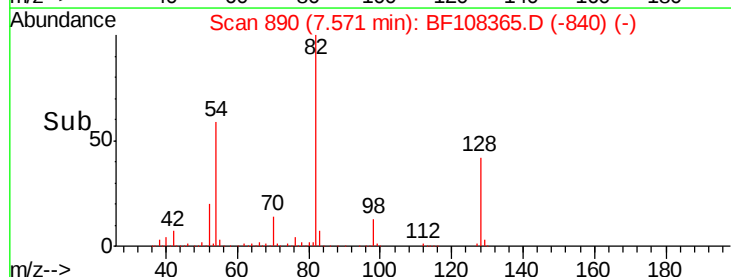
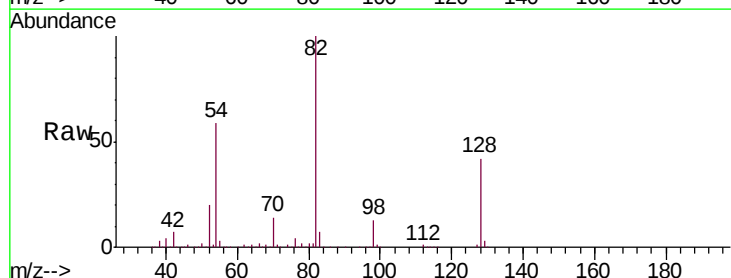
Tgt Ion: 82 Resp: 1082260

Ion Ratio Lower Upper

82 100

128 42.4 36.1 54.1

54 58.6 41.4 62.2





#25

Isophorone

Concen: 55.233 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Instrument :

BNA_F

ClientSampleId :

ND-BASELINE-WATERRE

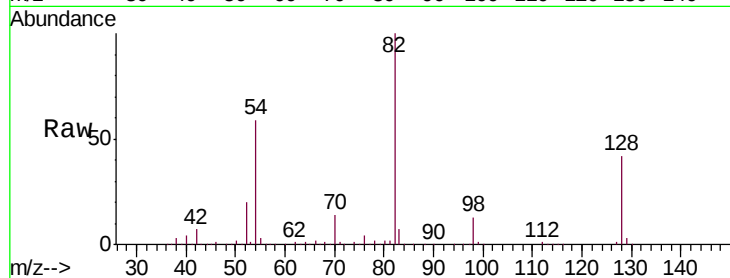
Tgt Ion: 82 Resp: 1082242

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

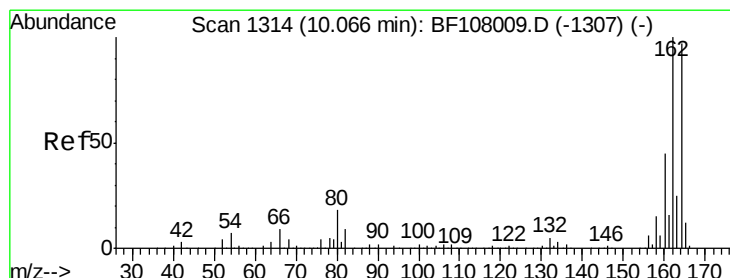
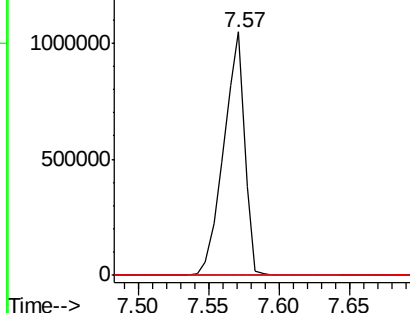
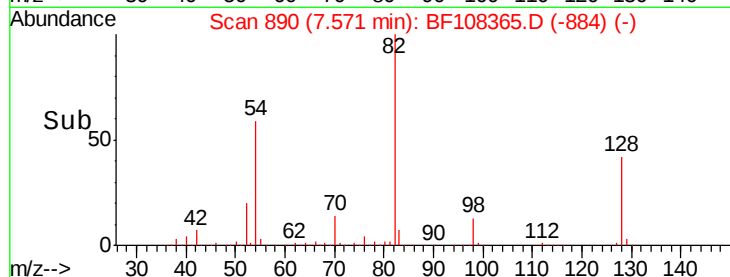
138 0.0 14.9 22.3#



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: 10.05 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

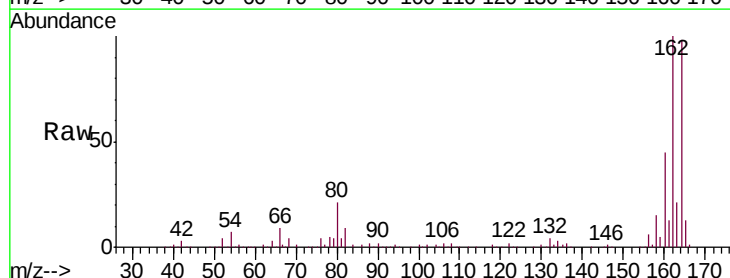
Tgt Ion: 164 Resp: 258962

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

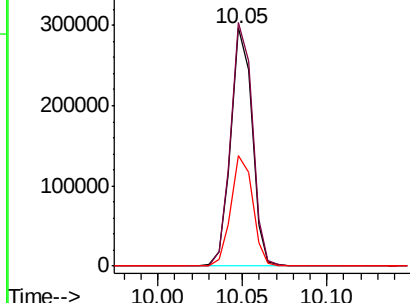
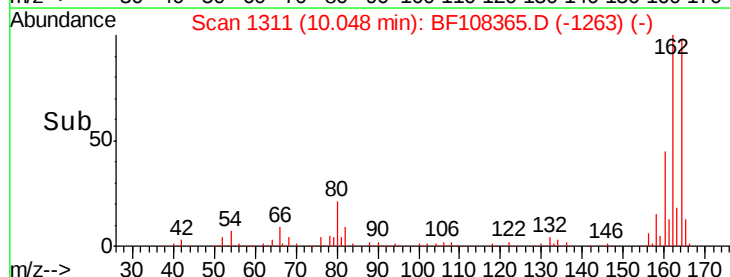
160 46.4 38.3 57.5



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

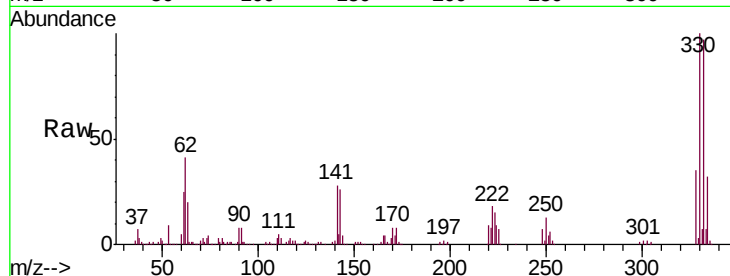




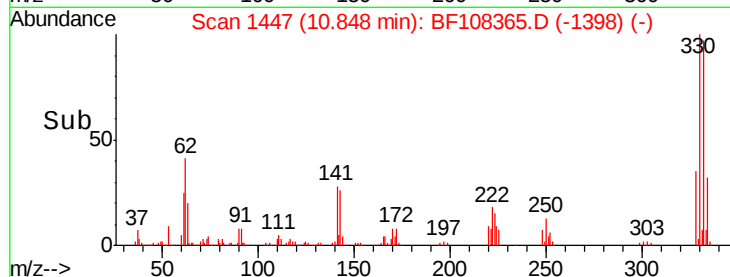
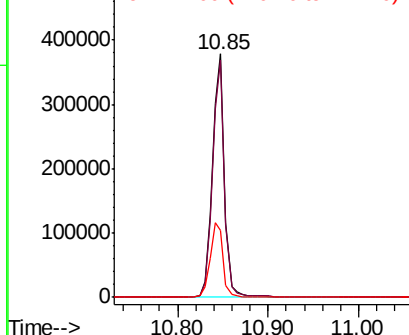
#41
 2,4,6-Tribromophenol
 Concen: 137.014 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108365.D
 Acq: 22 Aug 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 ND-BASELINE-WATERRE

Tgt Ion:330 Resp: 353917
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.8 29.9 44.9

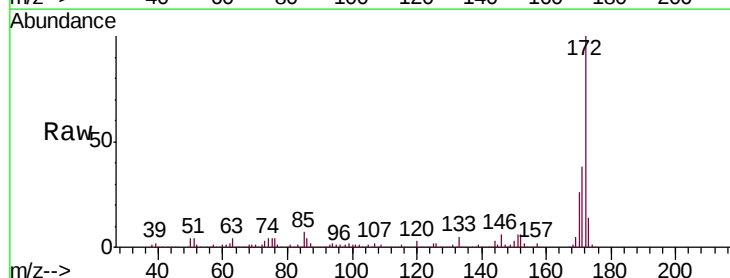


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

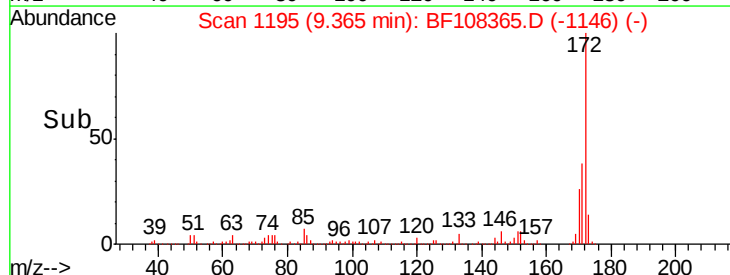
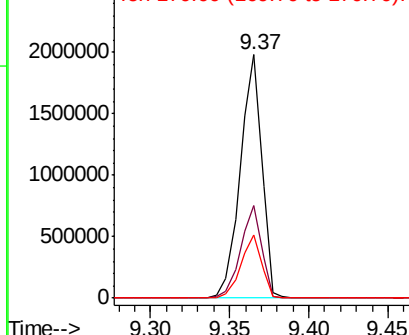


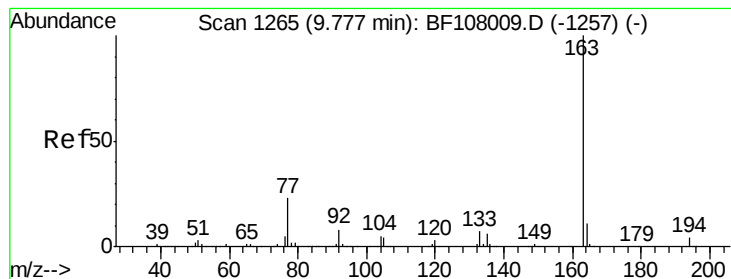
#44
 2-Fluorobiphenyl
 Concen: 115.420 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108365.D
 Acq: 22 Aug 2018 3:59

Tgt Ion:172 Resp: 1861723
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.7 44.5
 170 25.9 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: 14.015 ng

RT: 9.75 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Instrument :

BNA_F

ClientSampleId :

ND-BASELINE-WATERRE

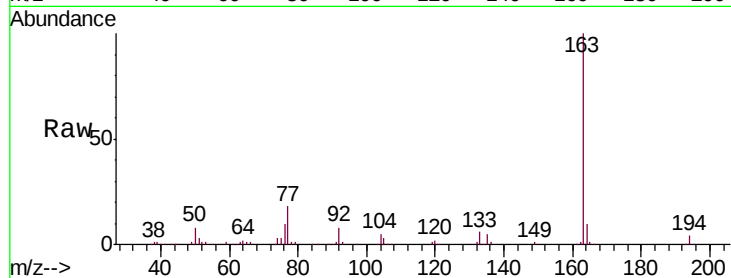
Tgt Ion:163 Resp: 252811

Ion Ratio Lower Upper

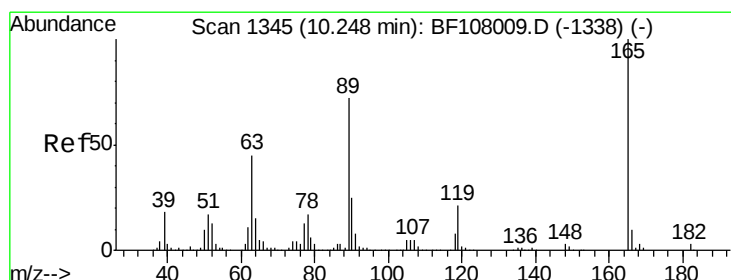
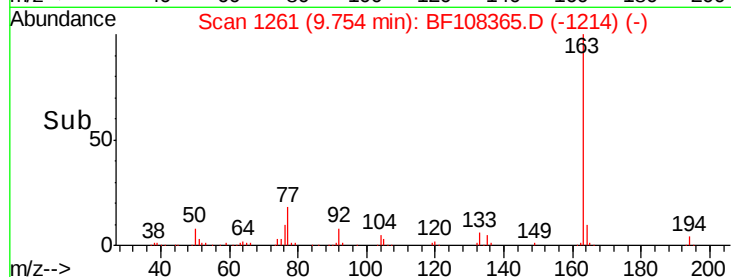
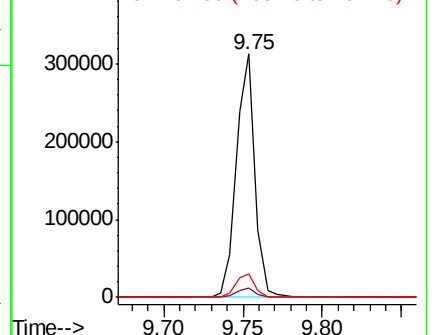
163 100

194 4.0 2.7 4.1

164 9.8 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



#56

2,4-Dinitrotoluene

Concen: 6.939 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.20 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Tgt Ion:165 Resp: 33709

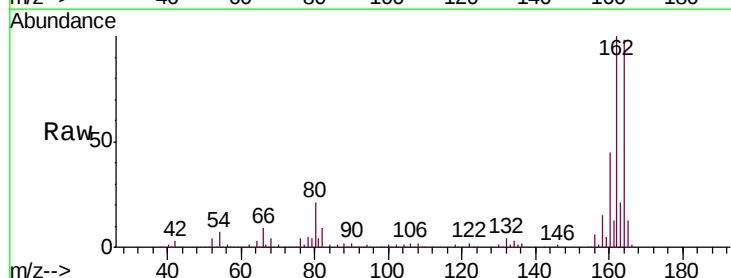
Ion Ratio Lower Upper

165 100

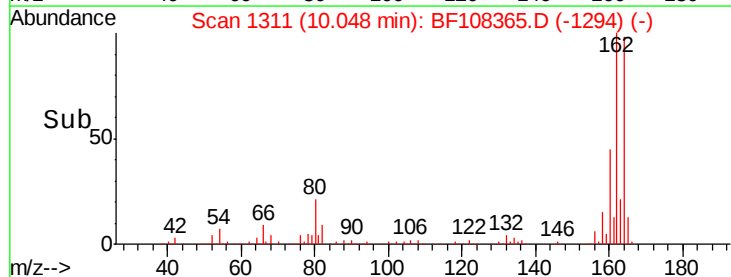
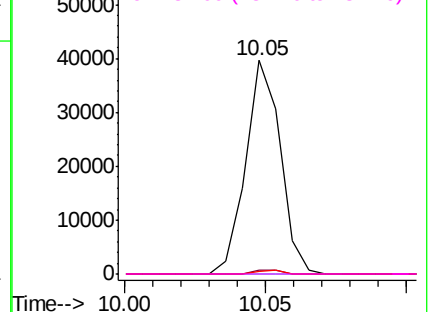
63 1.8 36.4 54.6#

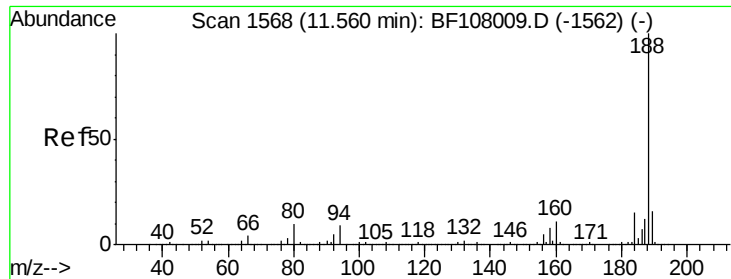
89 1.2 57.8 86.6#

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

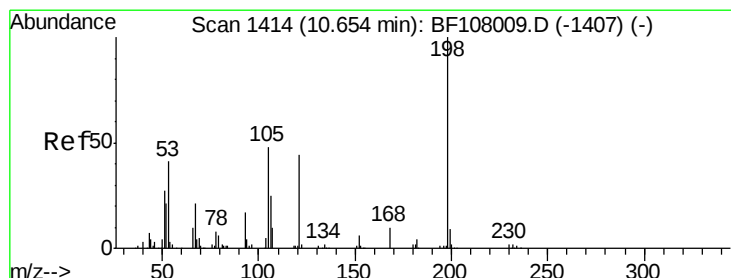
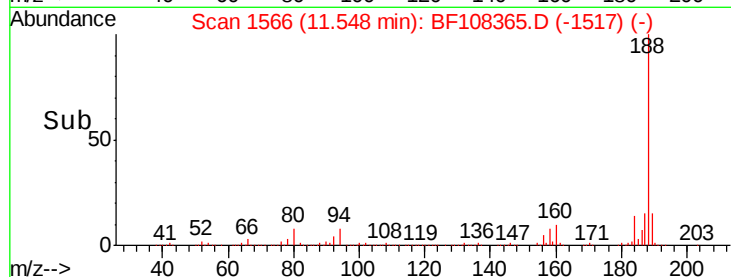
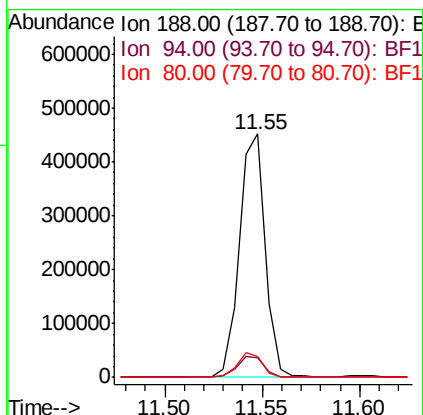
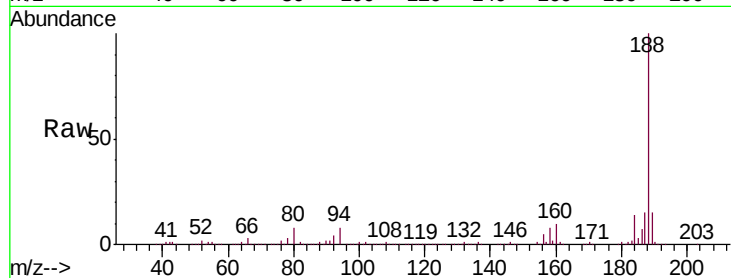




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF108365.D
Acq: 22 Aug 2018 3:59

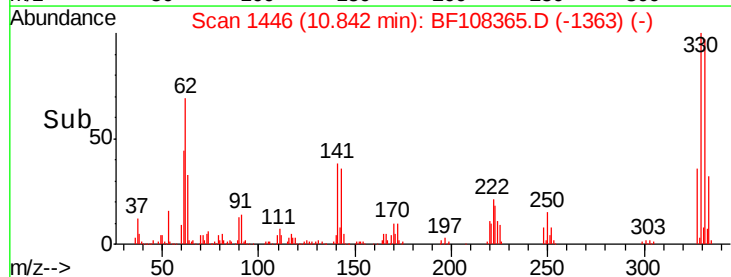
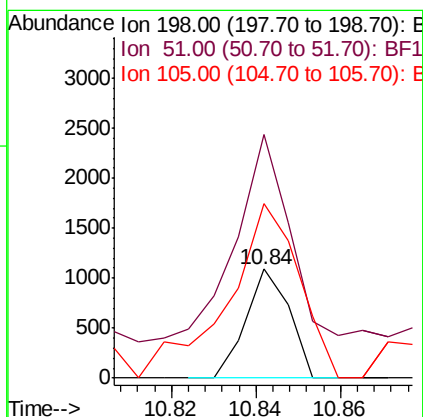
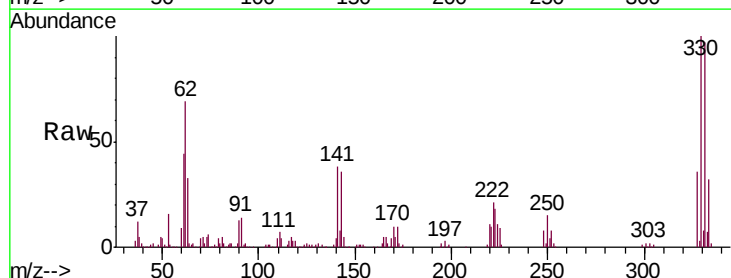
Instrument :
BNA_F
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ND-BASELINE-WATERRE

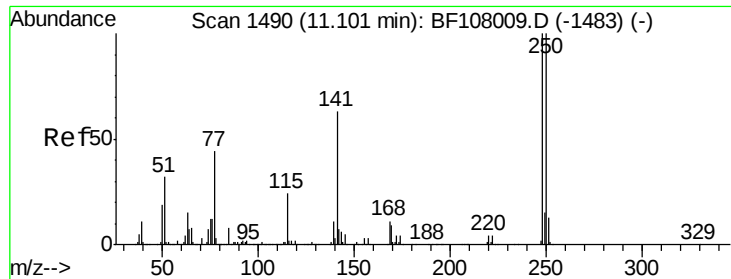
Tgt Ion:188 Resp: 413468
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.5 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.803 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.19 min
Lab File: BF108365.D
Acq: 22 Aug 2018 3:59

Tgt Ion:198 Resp: 776
Ion Ratio Lower Upper
198 100
51 223.6 37.7 77.7#
105 159.7 36.3 76.3#

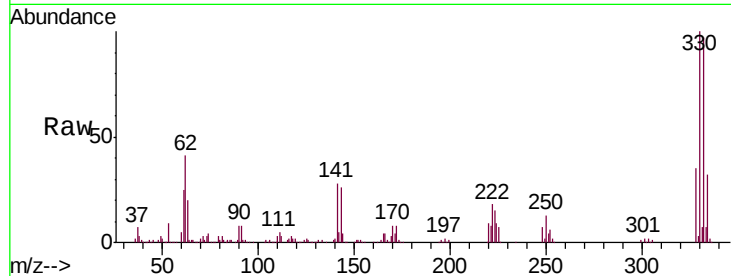




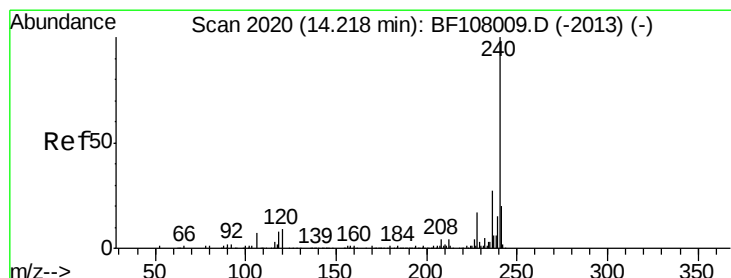
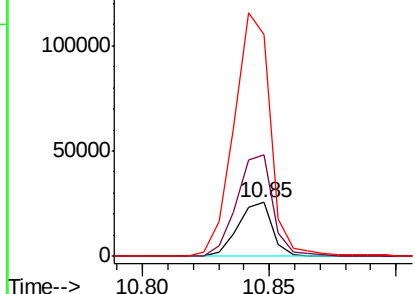
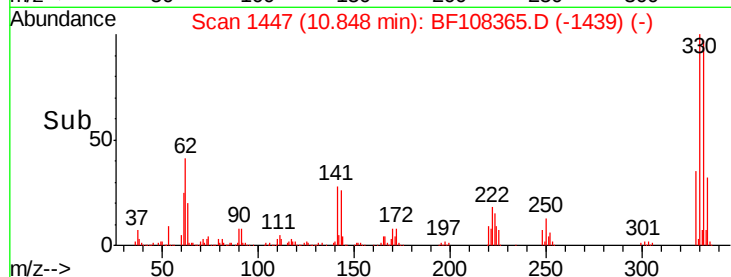
#66
 4-Bromophenyl-phenylether
 Concen: 5.399 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF108365.D
 Acq: 22 Aug 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 ND-BASELINE-WATERRE

Tgt Ion:248 Resp: 24258
 Ion Ratio Lower Upper
 248 100
 250 188.3 76.9 115.3#
 141 409.4 74.4 111.6#

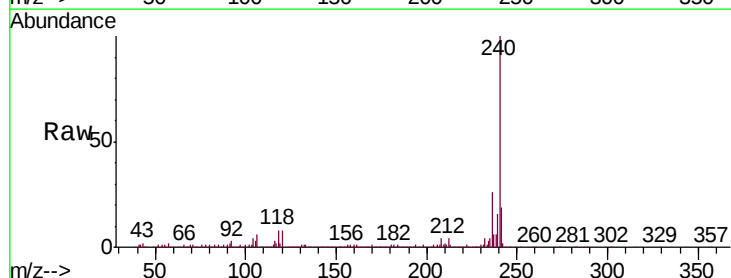


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

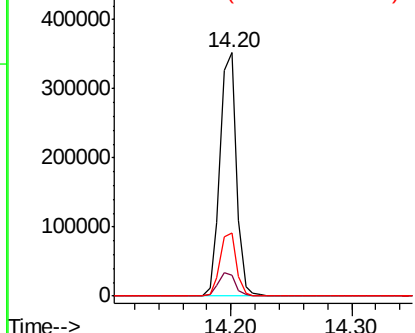
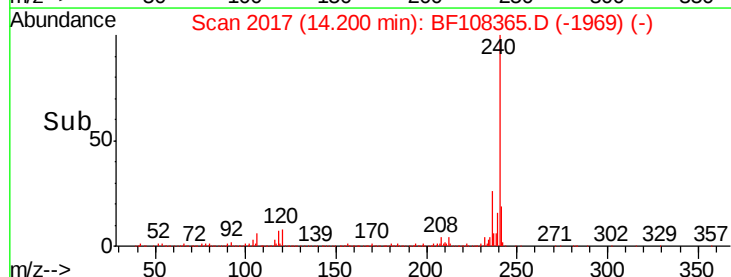


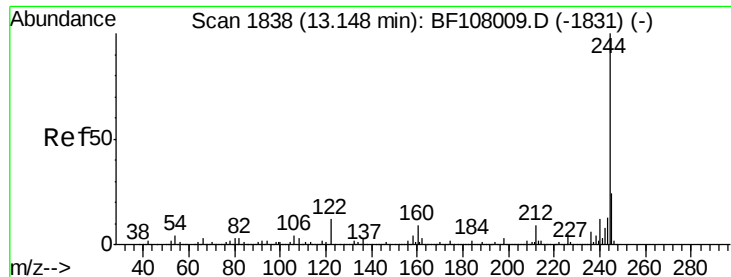
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.20 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF108365.D
 Acq: 22 Aug 2018 3:59

Tgt Ion:240 Resp: 329826
 Ion Ratio Lower Upper
 240 100
 120 8.3 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: 111.543 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Instrument :

BNA_F

ClientSampleId :

ND-BASELINE-WATERRE

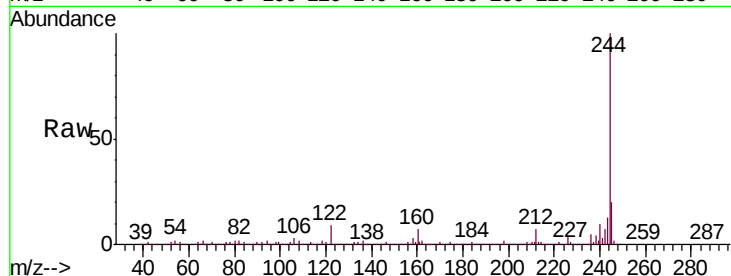
Tgt Ion:244 Resp: 1446949

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

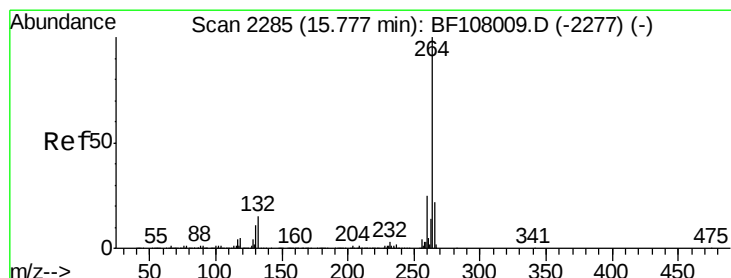
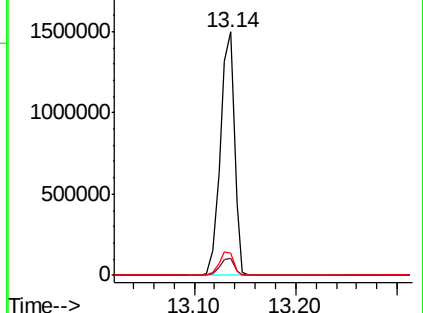
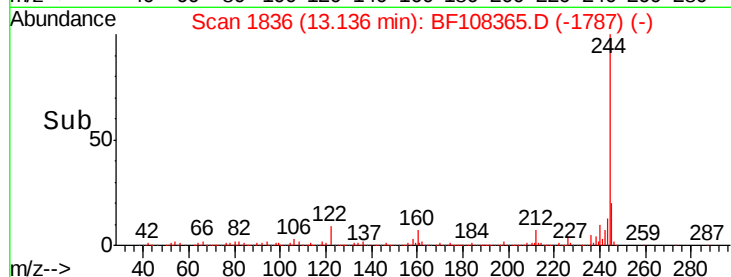
122 9.4 11.0 16.4#



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# 2281

Delta R.T. -0.02 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

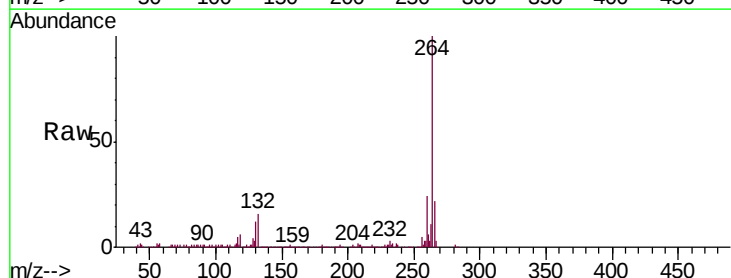
Tgt Ion:264 Resp: 280055

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.9 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

