

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107805.D
 Acq On : 30 Jul 2018 17:40
 Operator : JU/SJ
 Sample : J4188-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HA-BASELINEWATER-N48971

Quant Time: Jul 30 18:36:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	135624	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	593008	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	275205	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	590431	20.00	ng	0.00
75) Chrysene-d12	14.15	240	448360	20.00	ng	0.00
86) Perylene-d12	15.68	264	382210	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	437893	54.87	ng	0.00
7) Phenol-d6	6.60	99	348696	33.15	ng	0.00
23) Nitrobenzene-d5	7.52	82	972647	94.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	505154	135.09	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1895519	95.98	ng	0.00
78) Terphenyl-d14	13.08	244	1986170	96.06	ng	0.00

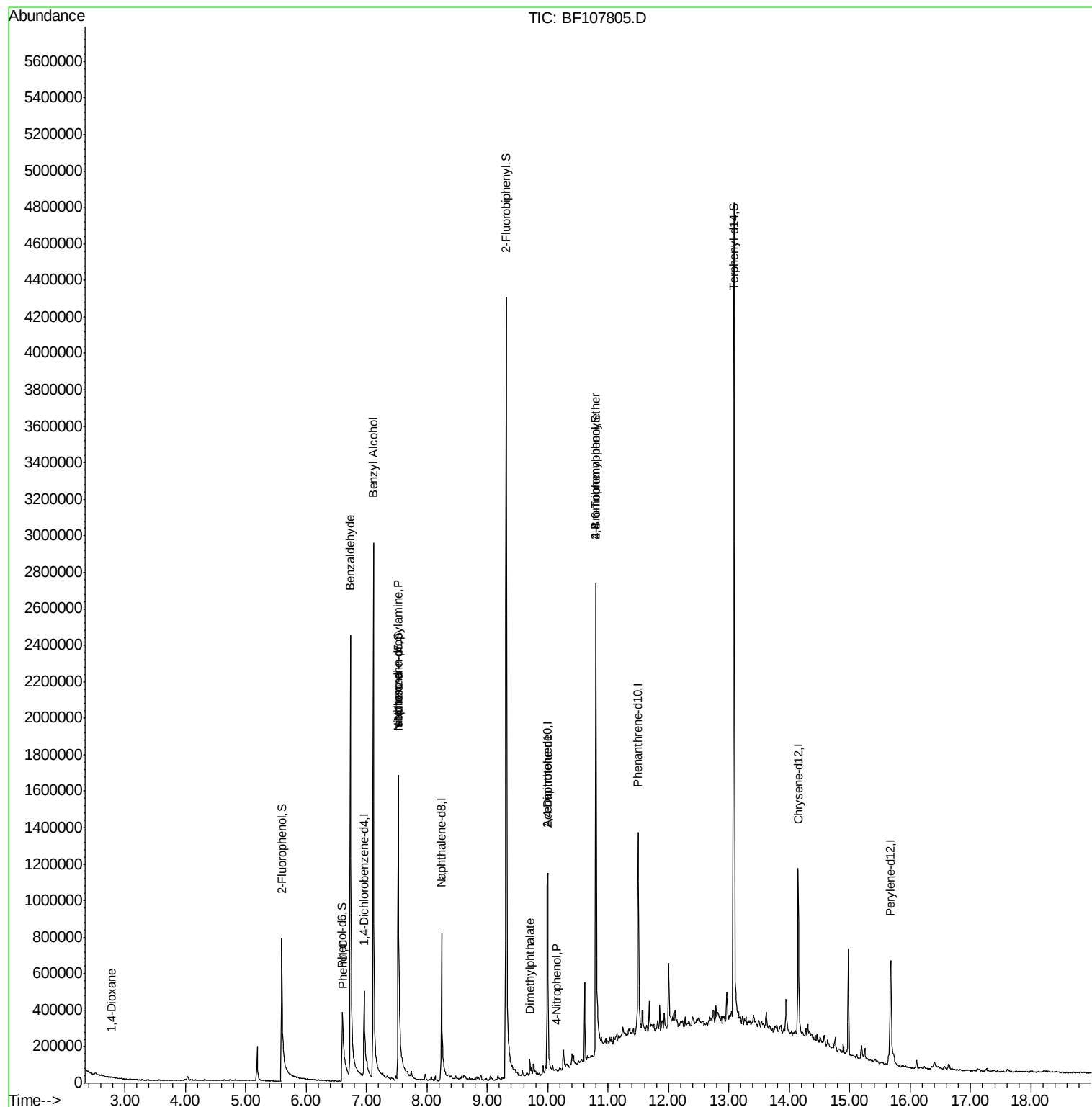
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.78	88	308	5.866	ng	# 1
9) Benzaldehyde	6.74	77	21624	3.408	ng	# 77
10) Phenol	6.62	94	25876	2.063	ng	# 61
15) Benzyl Alcohol	7.11	79	16393	2.508	ng	# 50
19) n-Nitroso-di-n-propylamine	7.52	70	118008	17.688	ng	# 82
25) Isophorone	7.52	82	972647	57.565	ng	# 64
49) Dimethylphthalate	9.71	163	52795	2.554	ng	# 99
55) 4-Nitrophenol	10.14	139	622	9.519	ng	# 49
56) 2,4-Dinitrotoluene	10.00	165	35718	6.050	ng	# 25
66) 4-Bromophenyl-phenylether	10.79	248	29639	4.307	ng	# 1

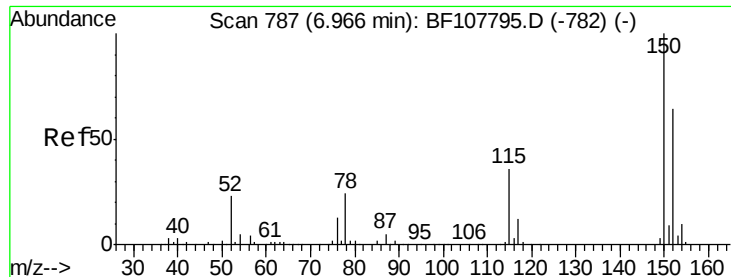
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107805.D
Acq On : 30 Jul 2018 17:40
Operator : JU/SJ
Sample : J4188-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HA-BASELINEWATER-N48971

Quant Time: Jul 30 18:36:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration



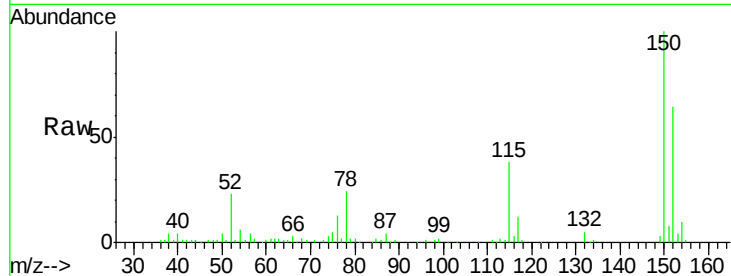


#1

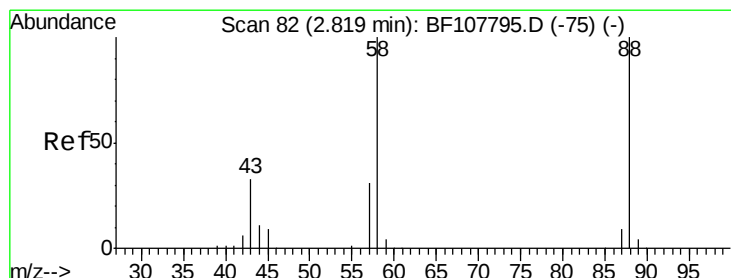
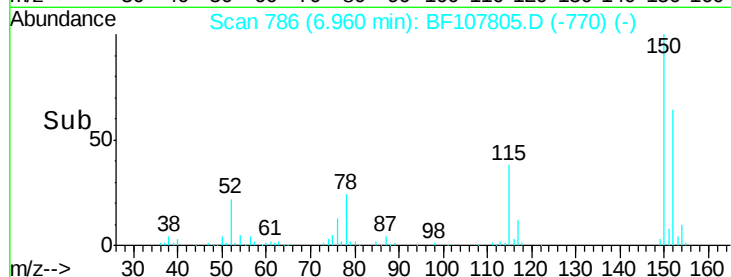
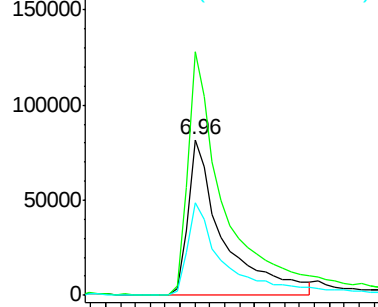
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107805.D
Acq: 30 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
HA-BASELINEWATER-N48971

Tgt Ion:152 Resp: 135624
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 59.3 50.1 75.1



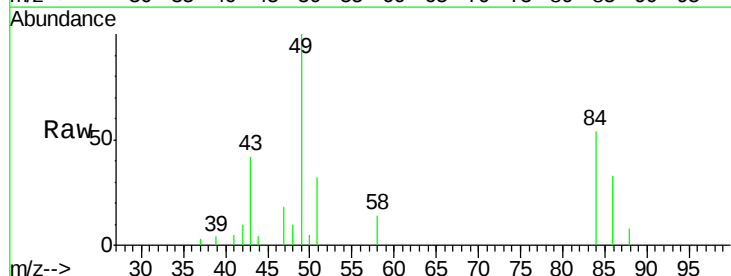
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



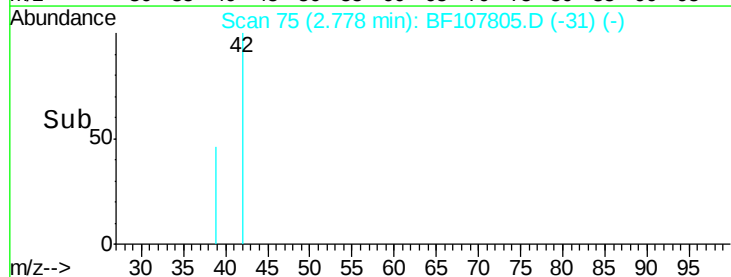
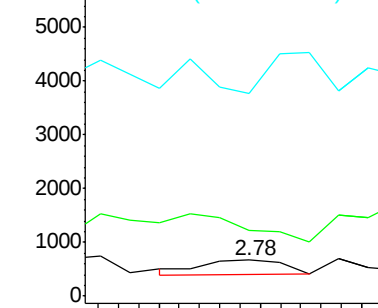
#2

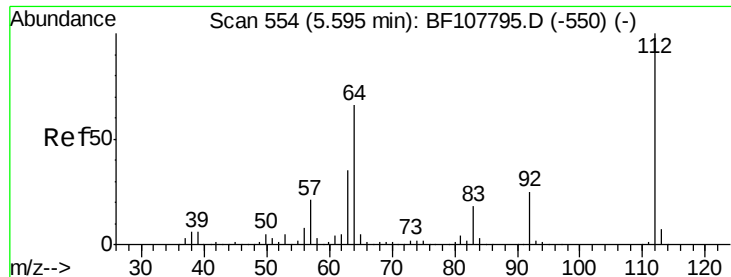
1,4-Dioxane
Concen: 5.866 ng
RT: 2.78 min Scan# 75
Delta R.T. -0.04 min
Lab File: BF107805.D
Acq: 30 Jul 2018 17:40

Tgt Ion: 88 Resp: 308
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 299.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 54.874 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

Instrument :

BNA_F

ClientSampleId :

HA-BASELINEWATER-N48971

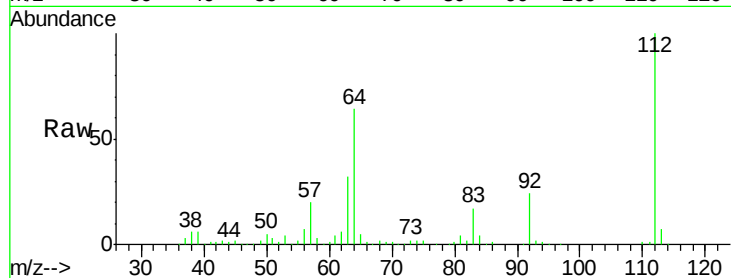
Tgt Ion:112 Resp: 437893

Ion Ratio Lower Upper

112 100

64 63.7 47.9 71.9

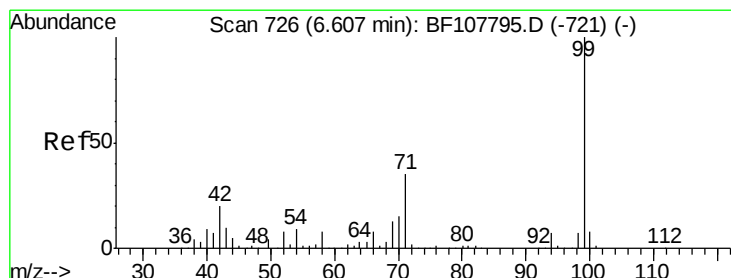
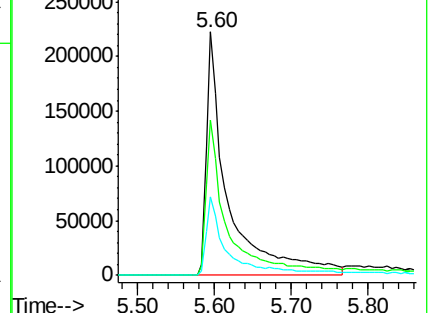
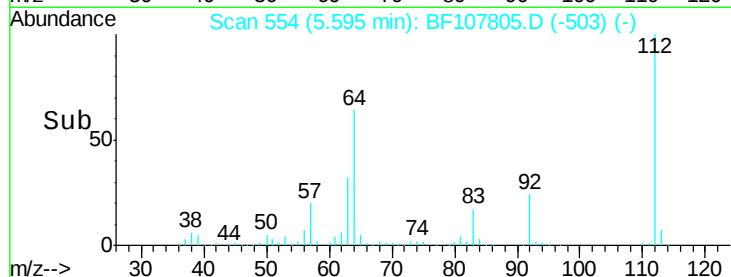
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 33.155 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

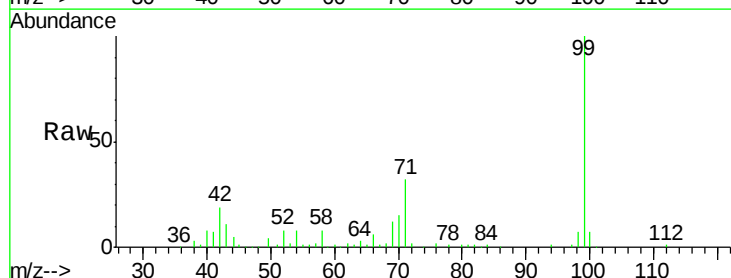
Tgt Ion: 99 Resp: 348696

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

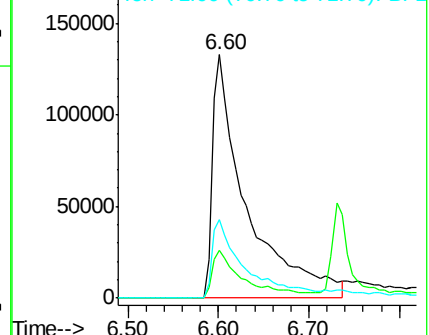
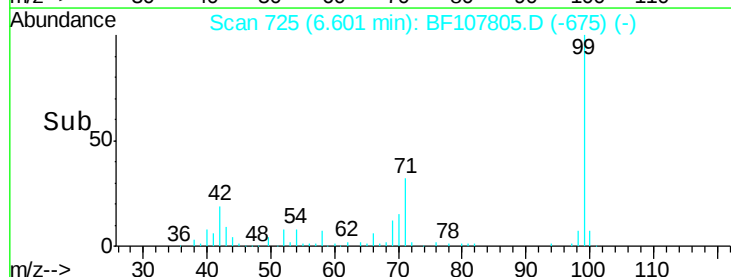
71 32.4 25.4 38.0

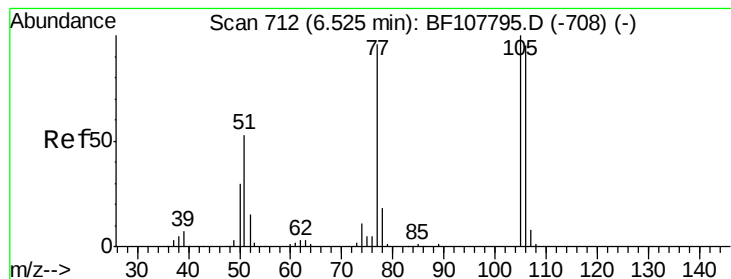


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 3.408 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

Instrument :

BNA_F

ClientSampleId :

HA-BASELINEWATER-N48971

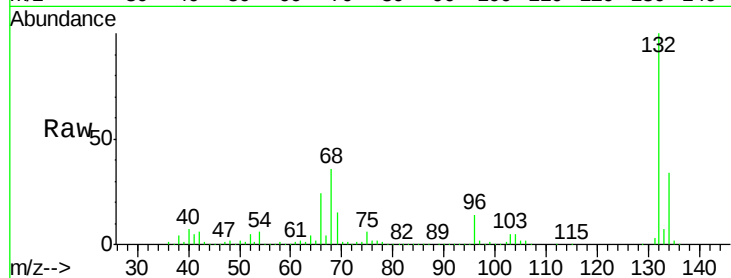
Tgt Ion: 77 Resp: 21624

Ion Ratio Lower Upper

77 100

105 77.1 81.1 121.1#

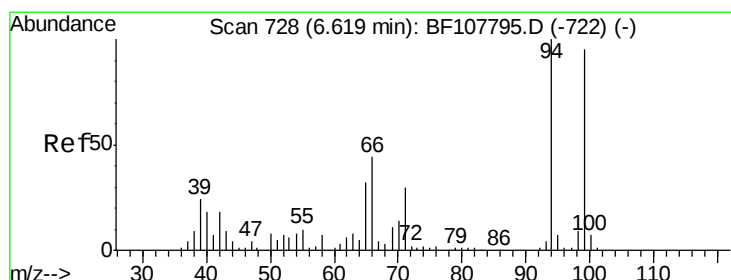
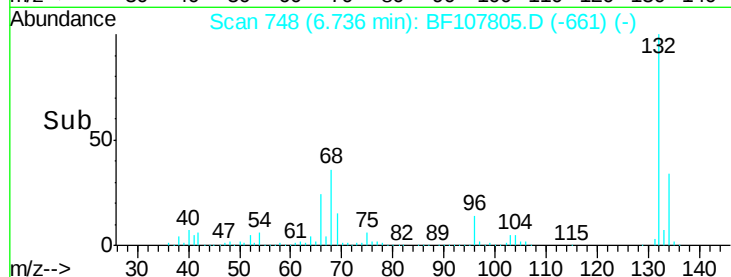
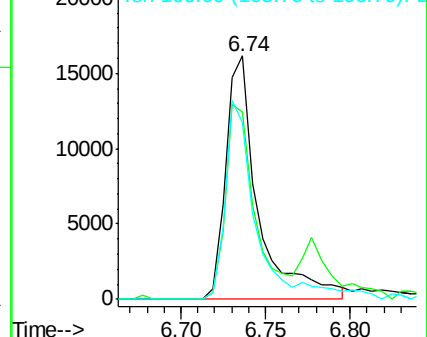
106 72.9 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.063 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

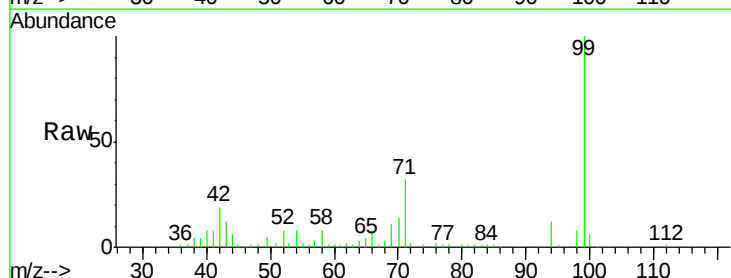
Tgt Ion: 94 Resp: 25876

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

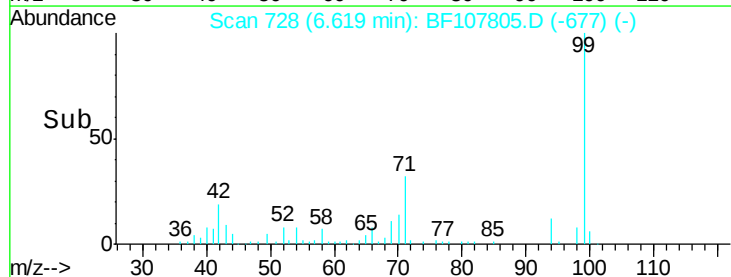
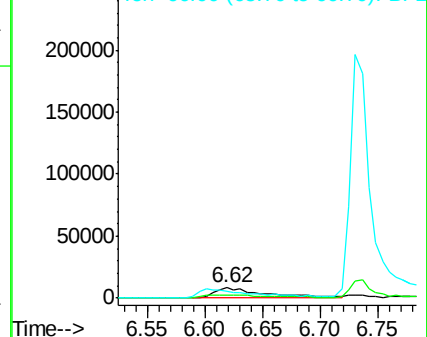
66 72.3 16.2 56.2#

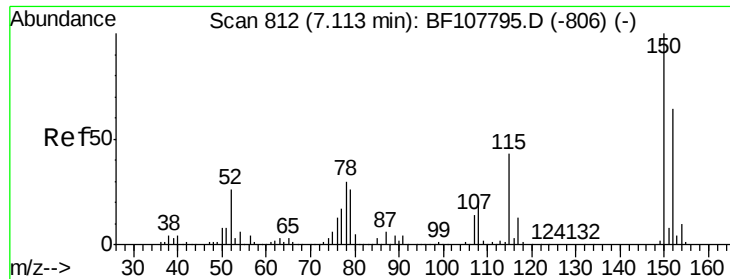


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 2.508 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

Instrument :

BNA_F

ClientSampleId :

HA-BASELINEWATER-N48971

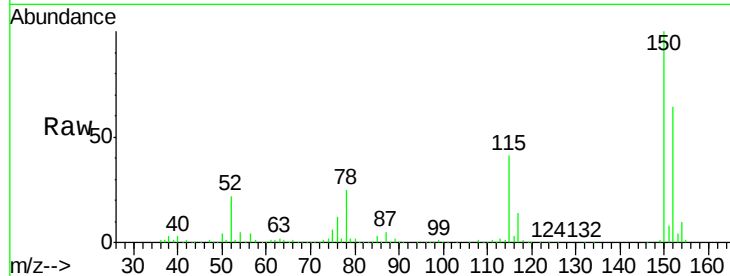
Tgt Ion: 79 Resp: 16393

Ion Ratio Lower Upper

79 100

108 27.6 65.1 97.7#

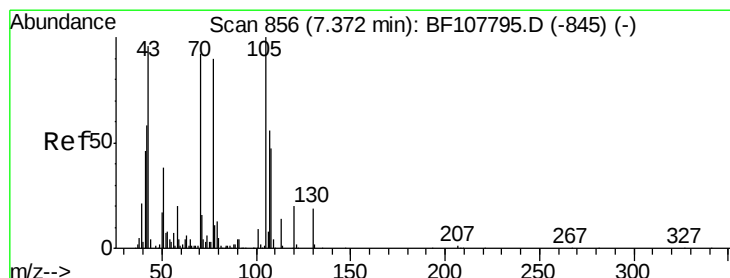
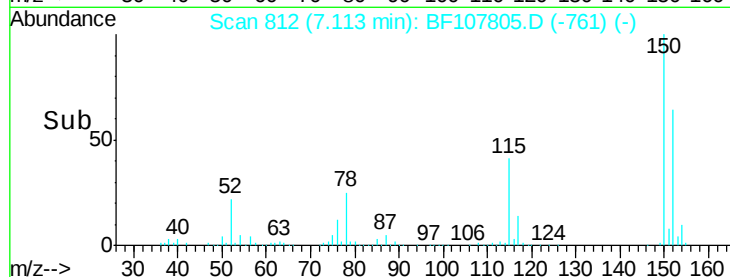
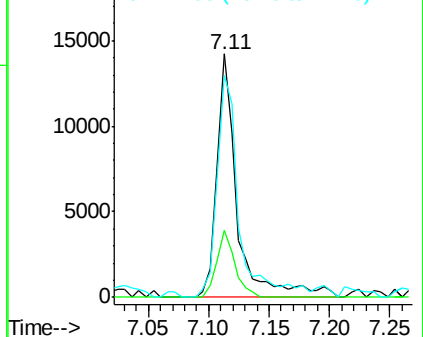
77 91.2 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.688 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

Tgt Ion: 70 Resp: 118008

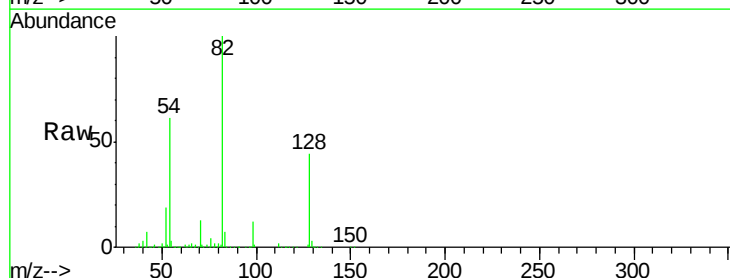
Ion Ratio Lower Upper

70 100

42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

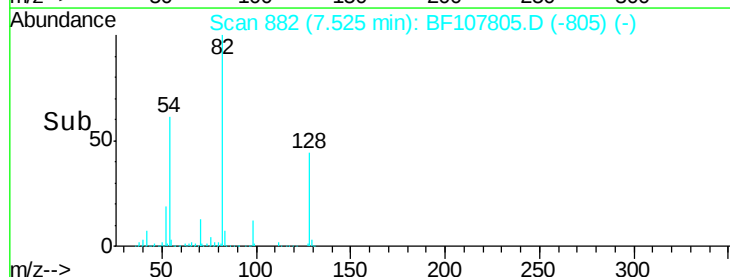
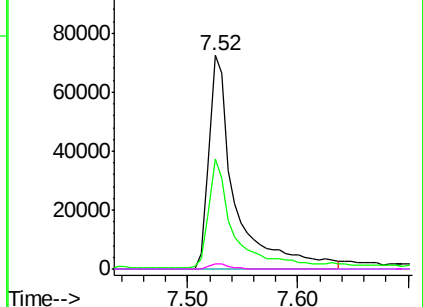


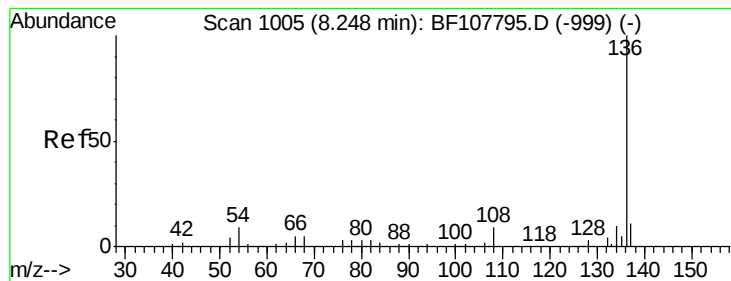
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

Instrument :

BNA_F

ClientSampleId :

HA-BASELINEWATER-N48971

Tgt Ion: 136 Resp: 593008

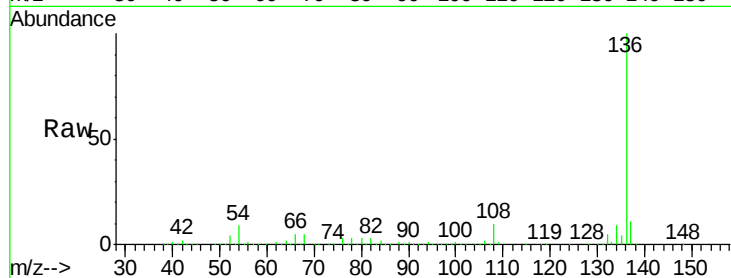
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.7 6.6 9.8

68 4.8 5.0 7.4#

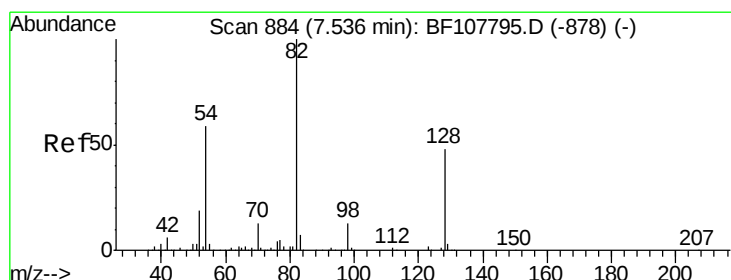
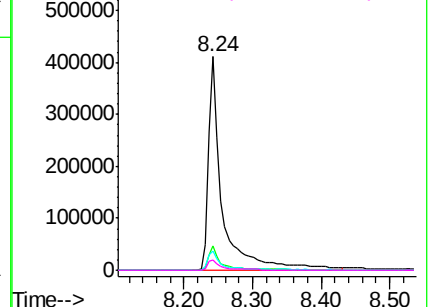
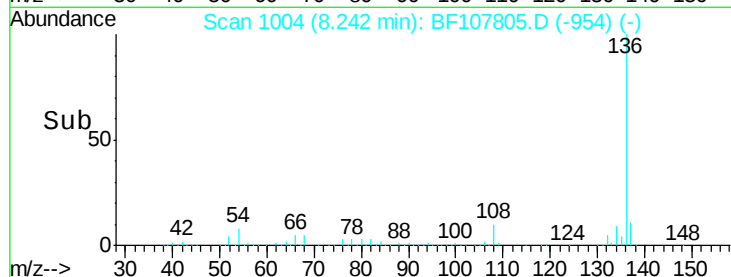


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.492 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

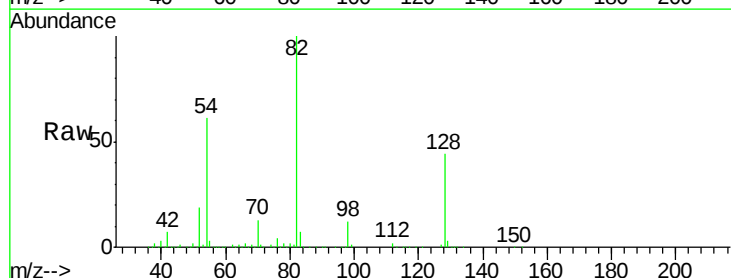
Tgt Ion: 82 Resp: 972647

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

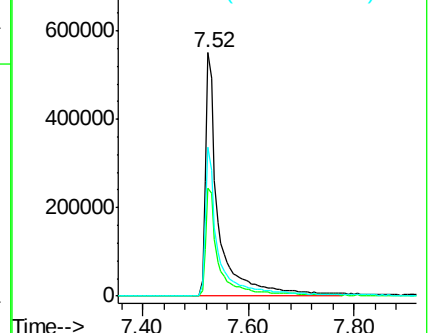
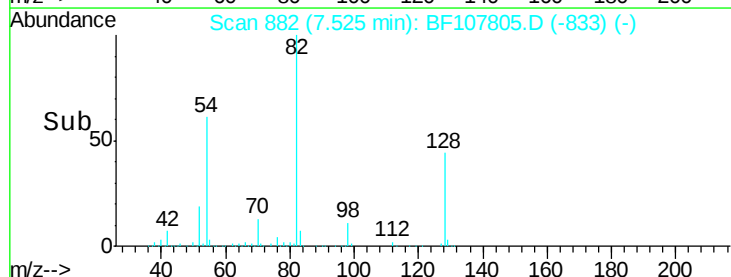
54 61.1 41.4 62.2

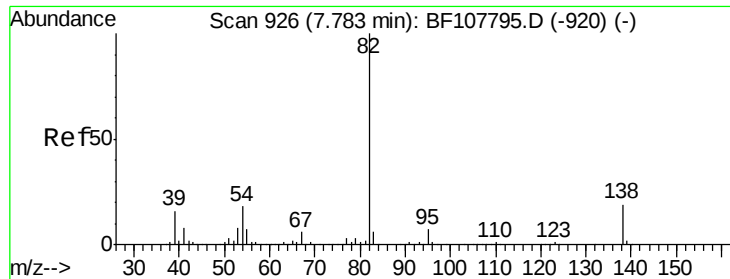


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 57.565 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

Instrument :

BNA_F

ClientSampleId :

HA-BASELINEWATER-N48971

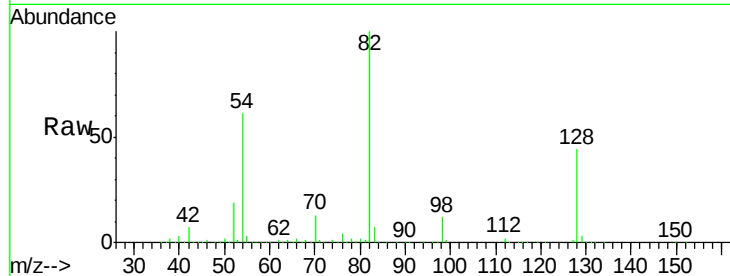
Tgt Ion: 82 Resp: 972647

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

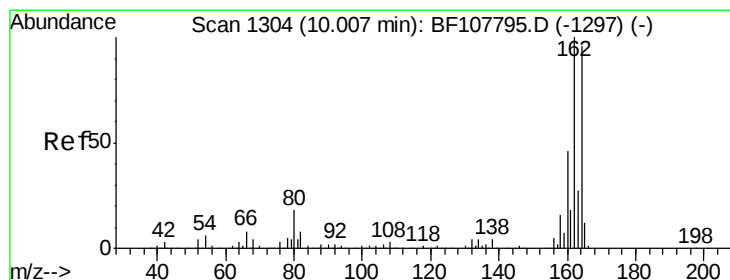
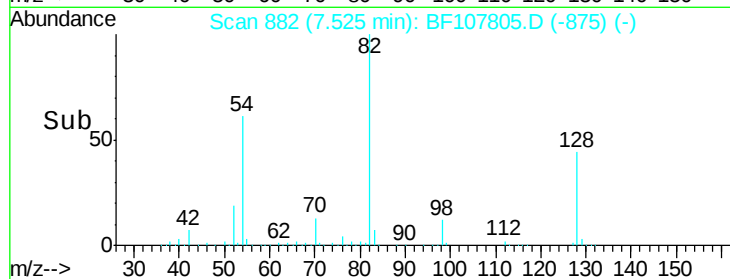
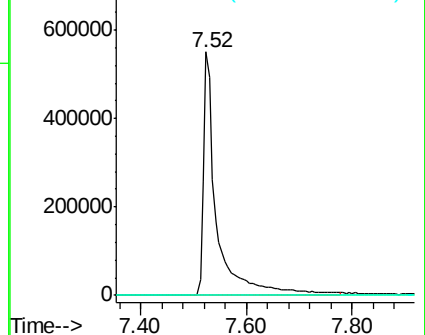
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107805.D

Acq: 30 Jul 2018 17:40

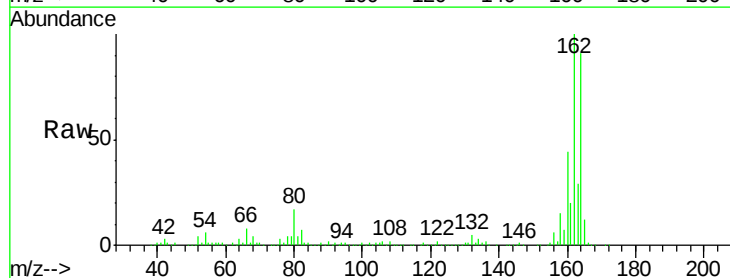
Tgt Ion: 164 Resp: 275205

Ion Ratio Lower Upper

164 100

162 109.9 86.1 129.1

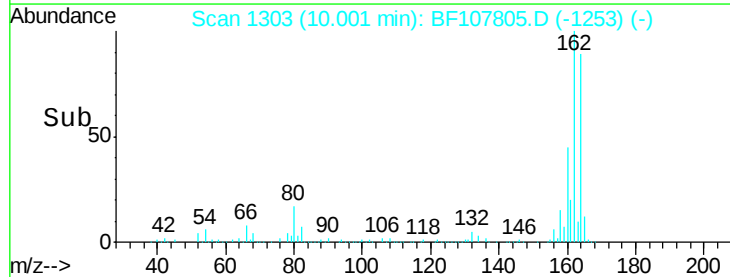
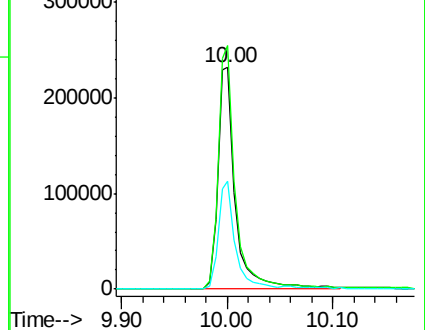
160 48.8 38.3 57.5

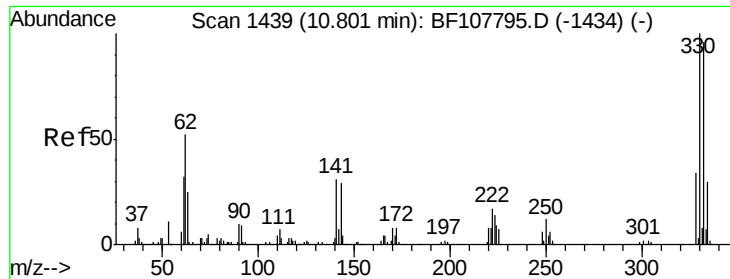


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

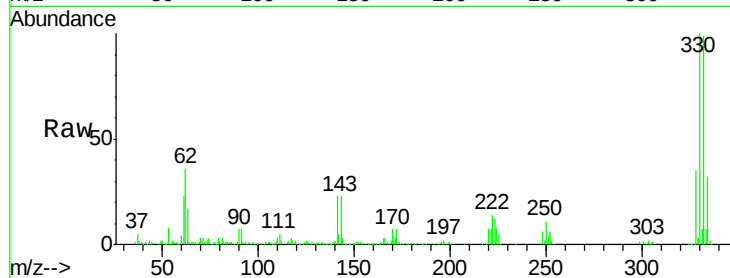




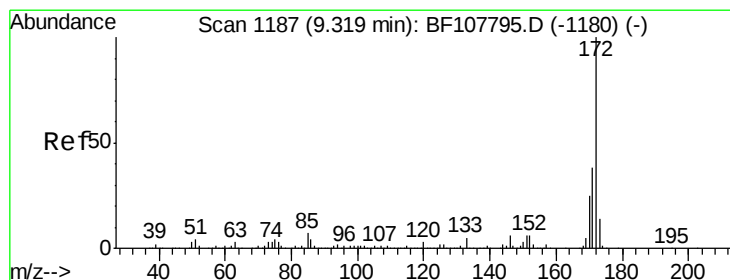
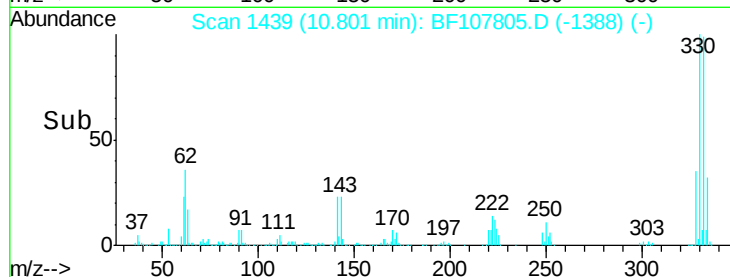
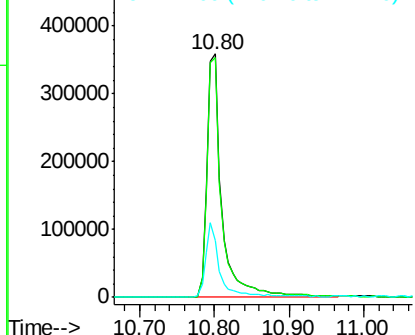
#41
 2,4,6-Tribromophenol
 Concen: 135.087 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107805.D
 Acq: 30 Jul 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 HA-BASELINEWATER-N48971

Tgt Ion:330 Resp: 505154
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 28.7 29.9 44.9#

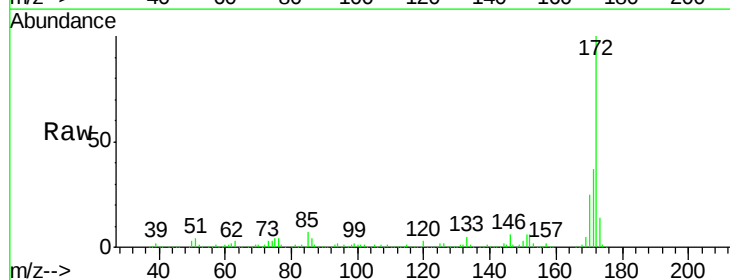


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

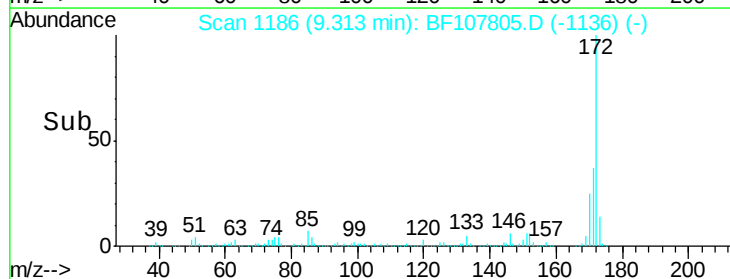
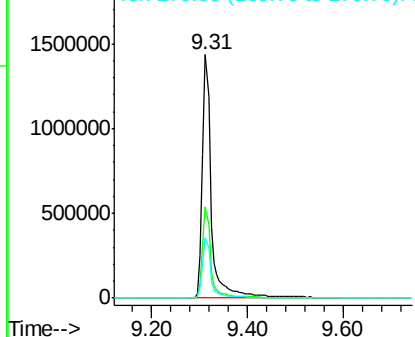


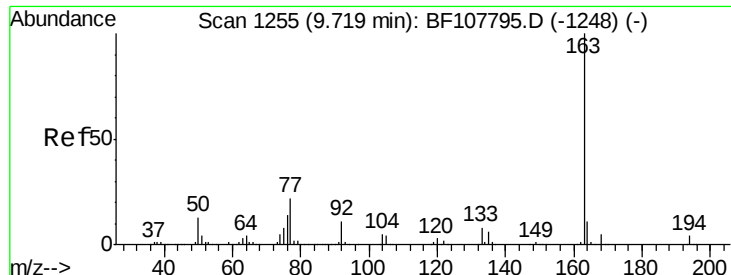
#44
 2-Fluorobiphenyl
 Concen: 95.979 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107805.D
 Acq: 30 Jul 2018 17:40

Tgt Ion:172 Resp: 1895519
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 25.0 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

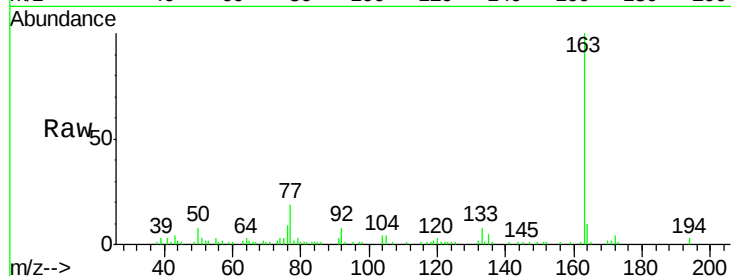




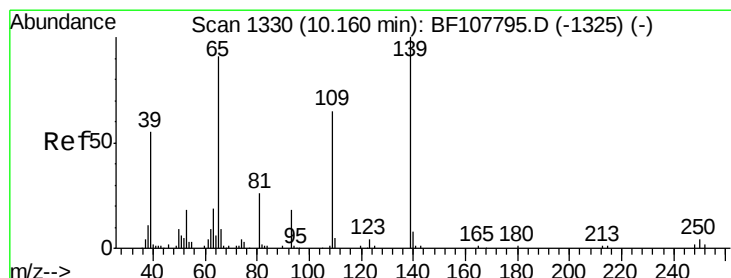
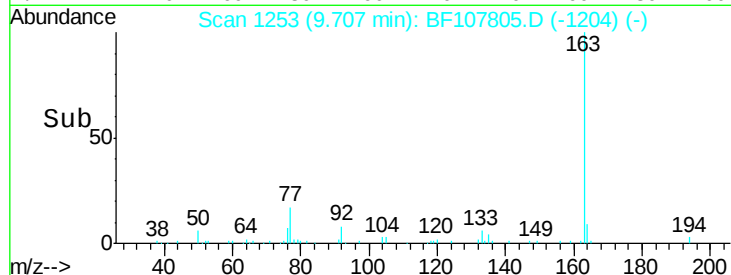
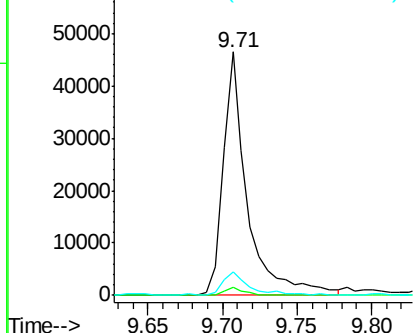
#49
Dimethylphthalate
Concen: 2.554 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107805.D
Acq: 30 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
HA-BASELINEWATER-N48971

Tgt Ion:163 Resp: 52795
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.9 8.2 12.2

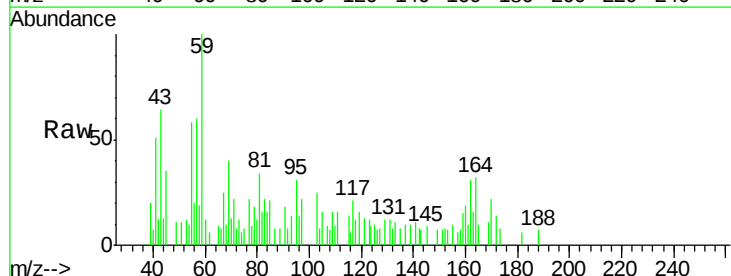


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

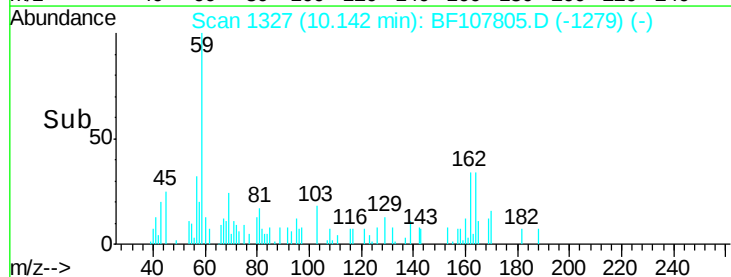
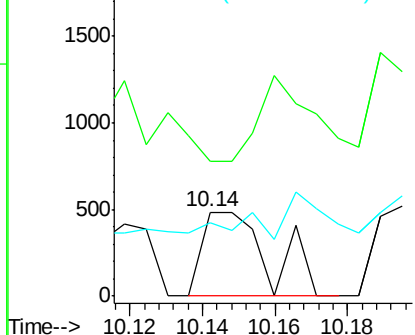


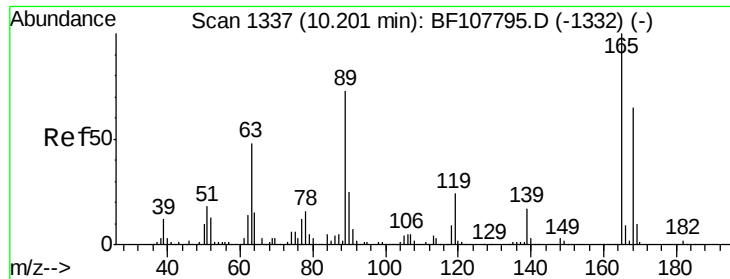
#55
4-Nitrophenol
Concen: 9.519 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF107805.D
Acq: 30 Jul 2018 17:40

Tgt Ion:139 Resp: 622
Ion Ratio Lower Upper
139 100
109 160.7 48.4 88.4#
65 88.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

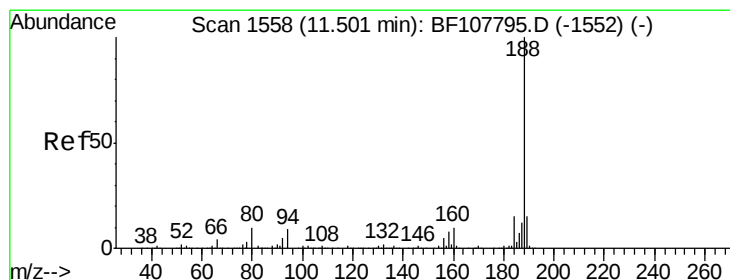
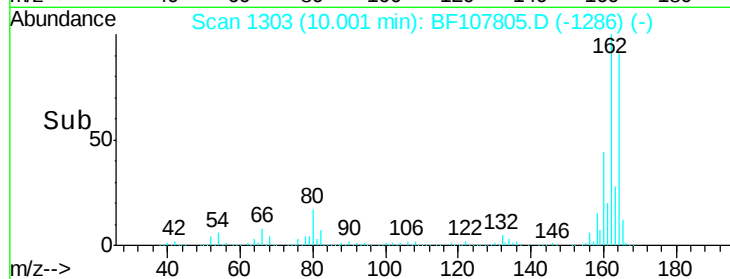
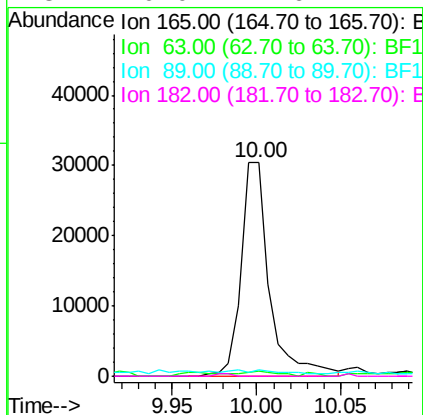
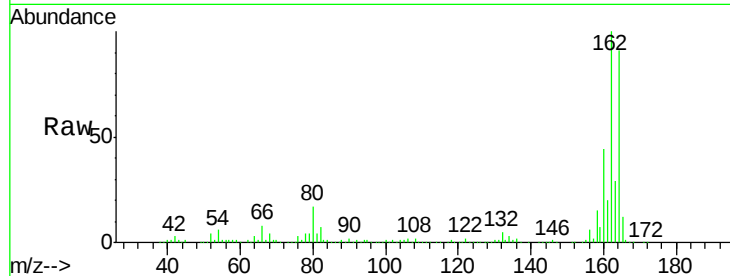




#56
2,4-Dinitrotoluene
Concen: 6.050 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107805.D
Acq: 30 Jul 2018 17:40

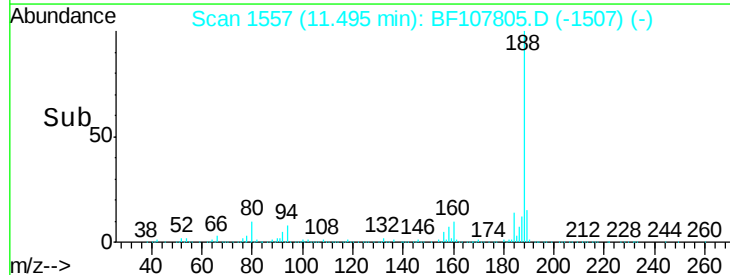
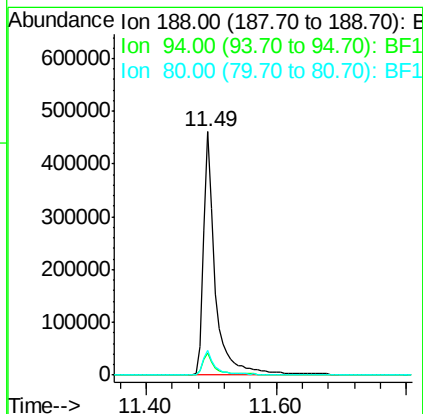
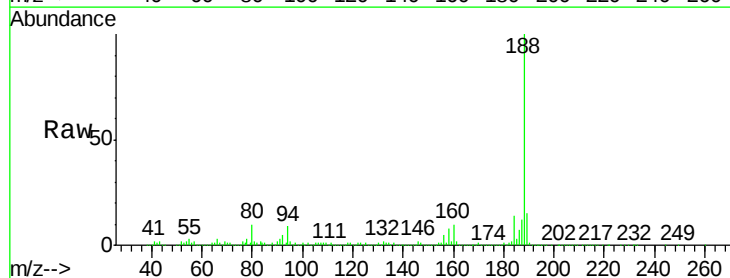
Instrument :
BNA_F
ClientSampleId :
HA-BASELINEWATER-N48971

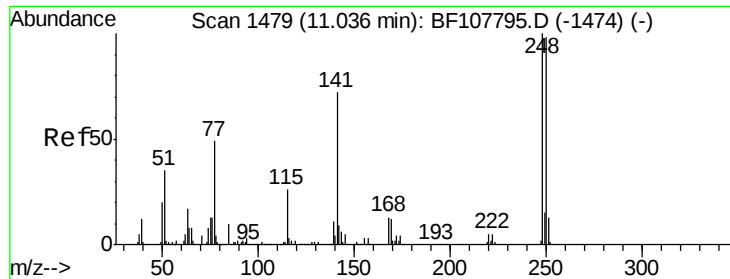
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	36.4	54.6#
89	3.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107805.D
Acq: 30 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.9	9.2	13.8

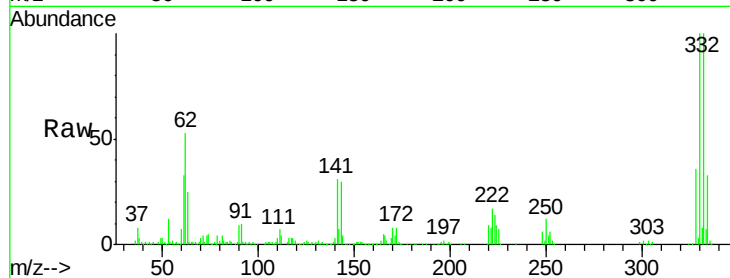




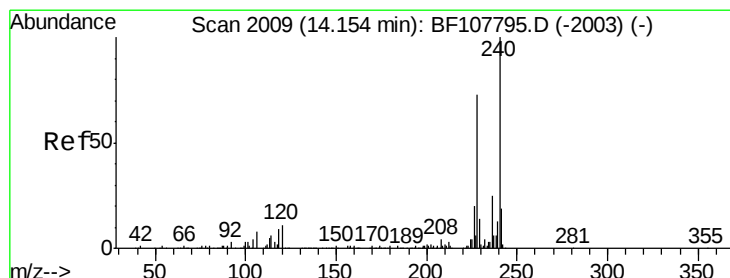
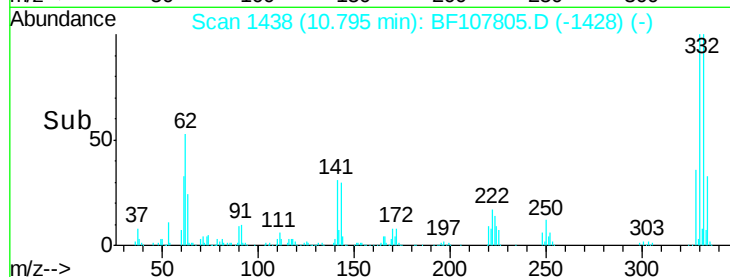
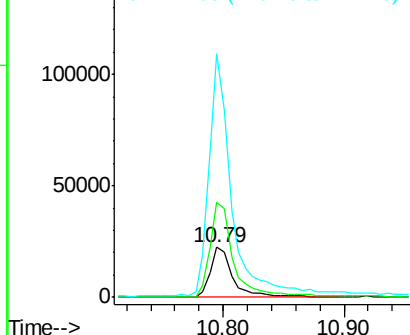
#66
 4-Bromophenyl-phenylether
 Concen: 4.307 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF107805.D
 Acq: 30 Jul 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 HA-BASELINEWATER-N48971

Tgt Ion:248 Resp: 29639
 Ion Ratio Lower Upper
 248 100
 250 189.6 76.9 115.3#
 141 488.1 74.4 111.6#

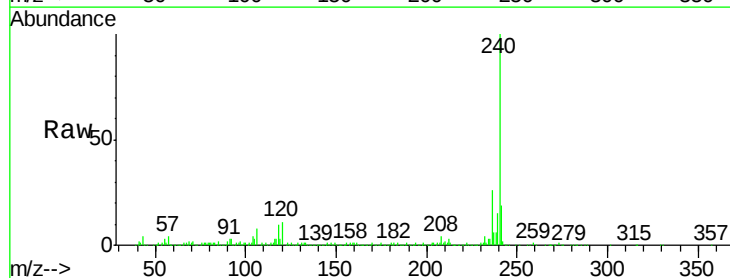


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

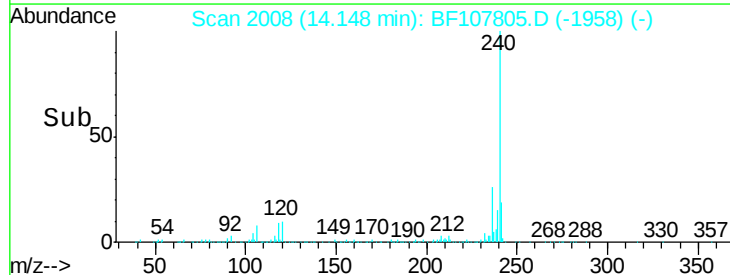
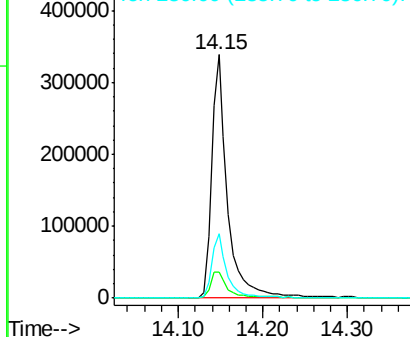


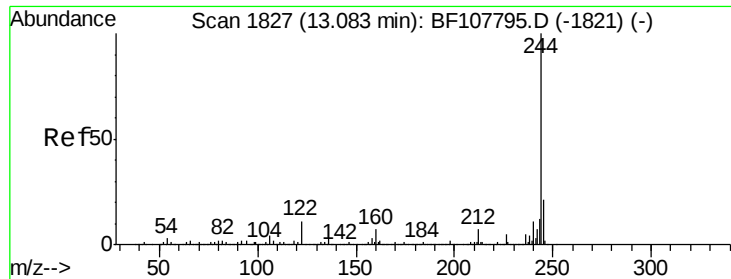
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF107805.D
 Acq: 30 Jul 2018 17:40

Tgt Ion:240 Resp: 448360
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 26.2 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

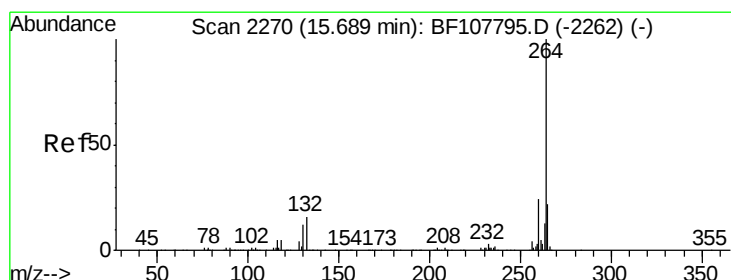
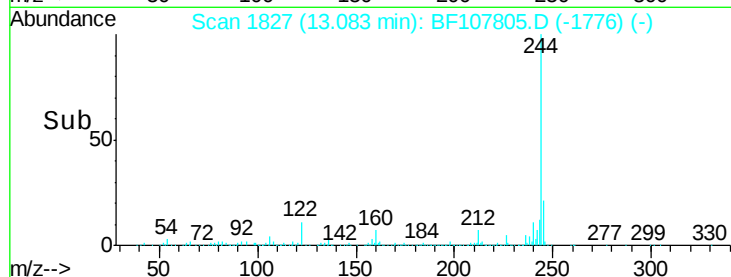
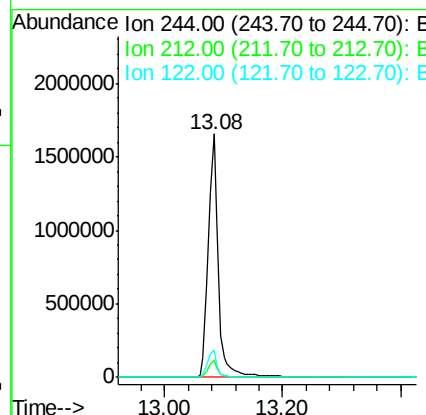
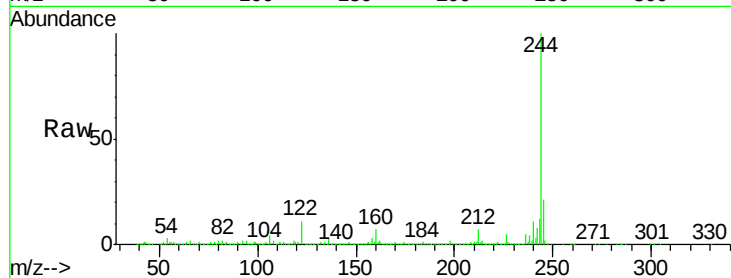




#78
 Terphenyl-d14
 Concen: 96.058 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF107805.D
 Acq: 30 Jul 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 HA-BASELINEWATER-N48971

Tgt Ion:244 Resp: 1986170
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF107805.D
 Acq: 30 Jul 2018 17:40

Tgt Ion:264 Resp: 382210
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.3 17.5 26.3

