

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084200.D
 Acq On : 31 Dec 2015 17:44
 Operator : UM/SJ
 Sample : G4825-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jan 01 23:21:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

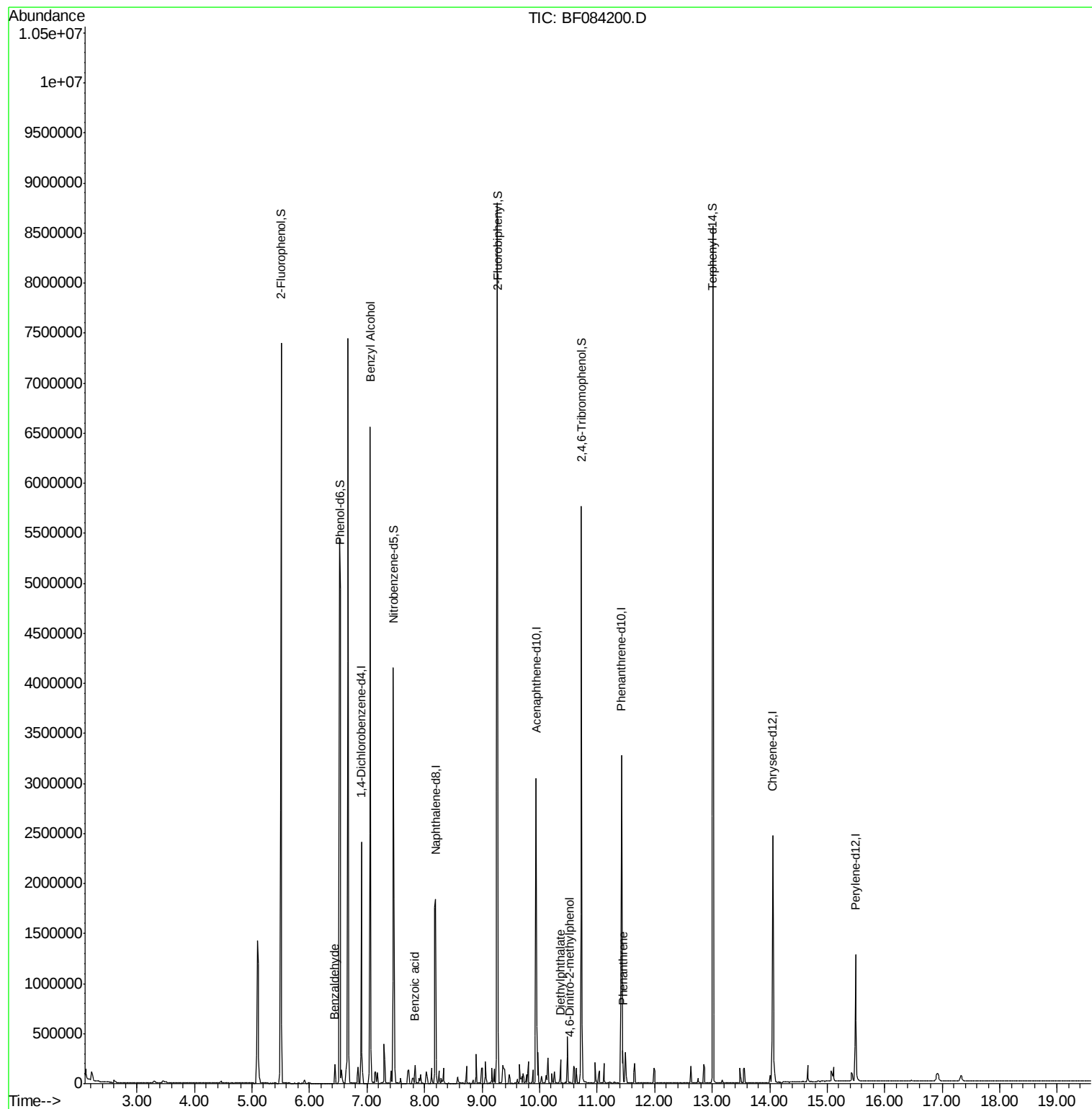
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	307105	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1236187	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	578442	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1123469	20.00	ng	0.00
75) Chrysene-d12	14.05	240	776814	20.00	ng	-0.01
86) Perylene-d12	15.49	264	582918	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1922251	101.24	ng	0.01
7) Phenol-d6	6.53	99	2730960	114.53	ng	0.00
23) Nitrobenzene-d5	7.46	82	1555155	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	621452	106.42	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2584385	78.08	ng	0.00
78) Terphenyl-d14	13.01	244	2479747	71.26	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	32431	2.09	ng	92
15) Benzyl Alcohol	7.06	79	58520	2.92	ng	# 52
32) Benzoic acid	7.84	122	36224	8.61	ng	# 15
54) Dibenzofuran	10.14	168	101582	Below	Cal	99
57) Fluorene	10.49	166	75415	Below	Cal	99
59) Diethylphthalate	10.36	149	84924	2.08	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	32740	Below	Cal	# 84
64) 4,6-Dinitro-2-methylphenol	10.52	198	1794	6.62	ng	# 72
70) Phenanthrene	11.45	178	119309	2.03	ng	100
73) Di-n-butylphthalate	12.00	149	106795	Below	Cal	99

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

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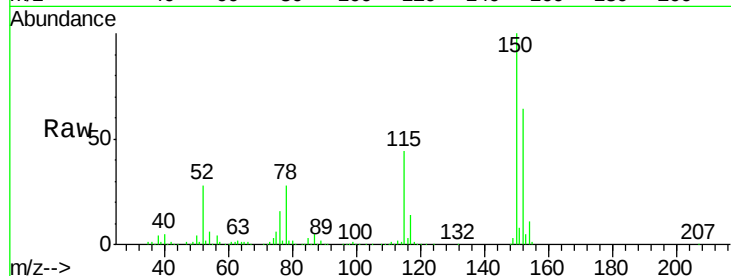


#1

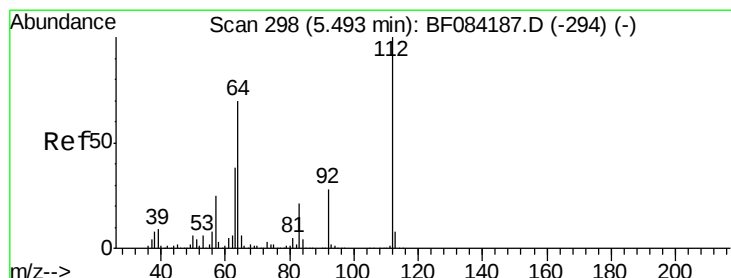
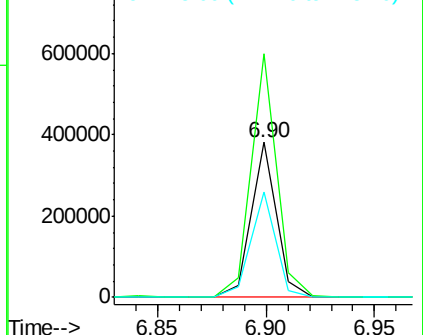
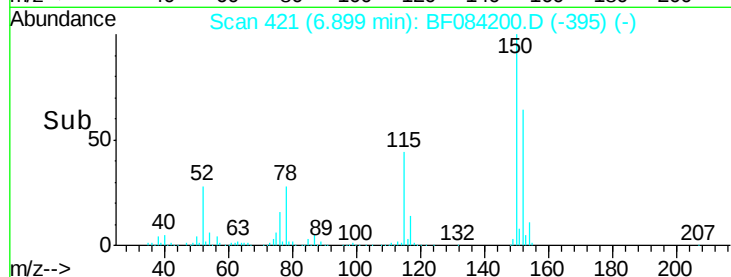
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084200.D
Acq: 31 Dec 2015 17:44

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:152 Resp: 307105
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.4
115 68.3 51.4 77.2



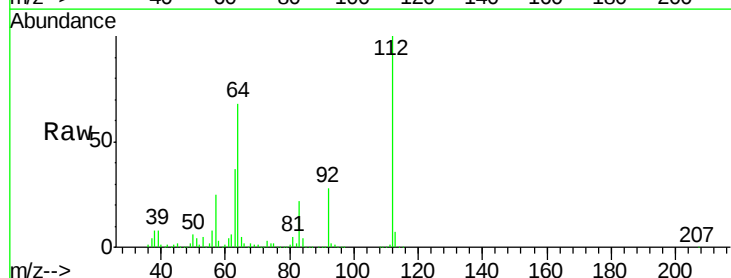
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



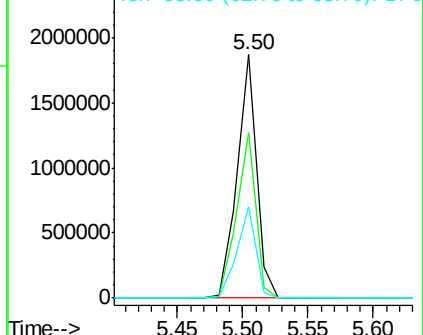
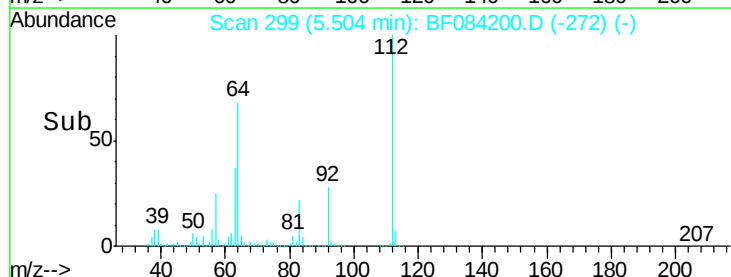
#5

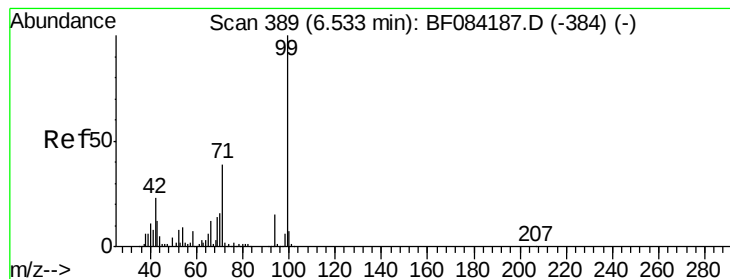
2-Fluorophenol
Concen: 101.24 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084200.D
Acq: 31 Dec 2015 17:44

Tgt Ion:112 Resp: 1922251
Ion Ratio Lower Upper
112 100
64 68.0 36.6 55.0#
63 37.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.53 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

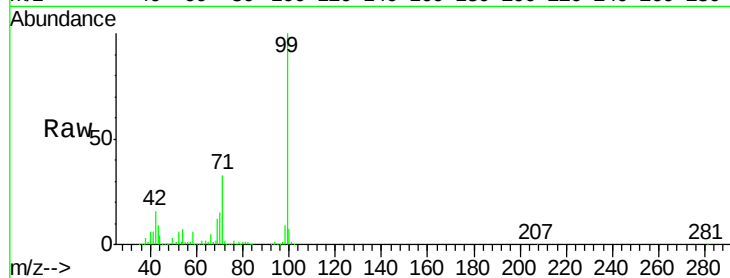
Tgt Ion: 99 Resp: 2730960

Ion Ratio Lower Upper

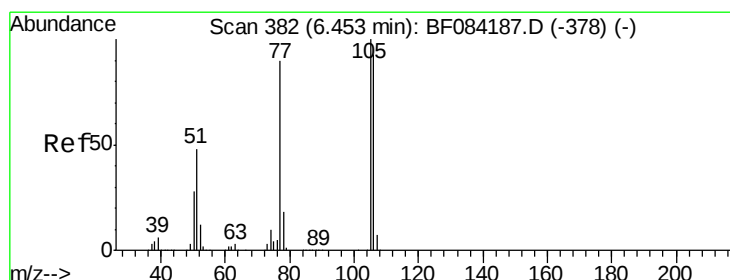
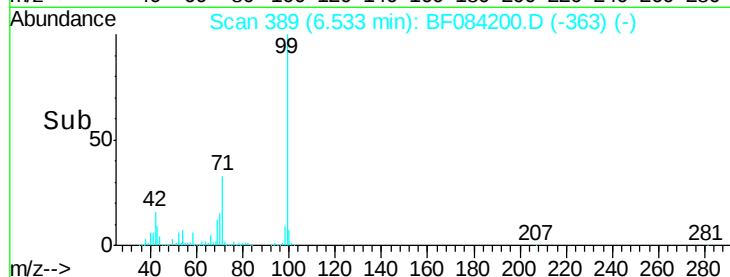
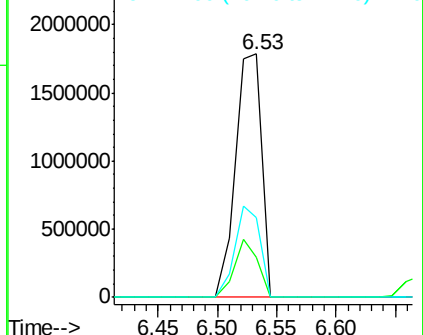
99 100

42 16.4 12.8 19.2

71 32.8 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.09 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

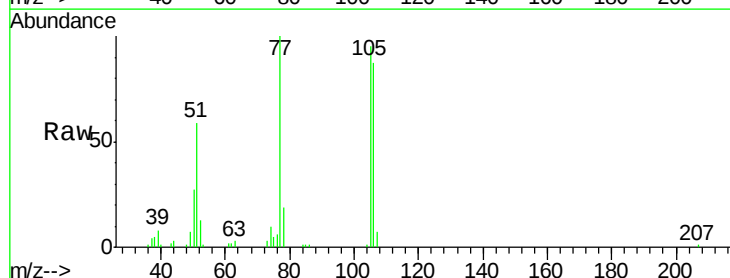
Tgt Ion: 77 Resp: 32431

Ion Ratio Lower Upper

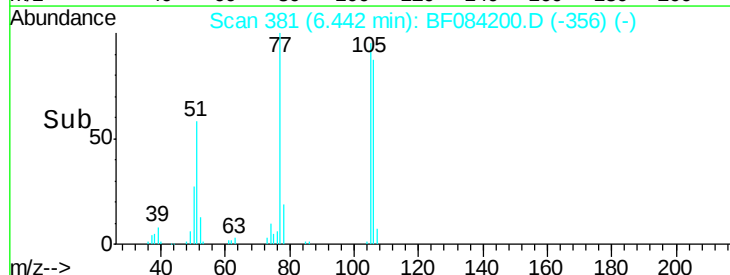
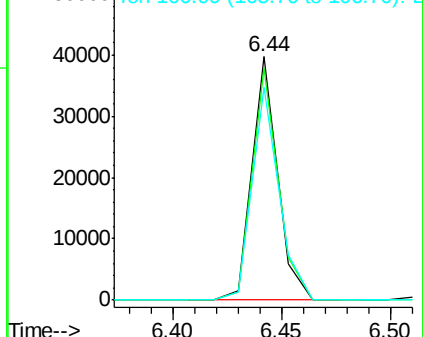
77 100

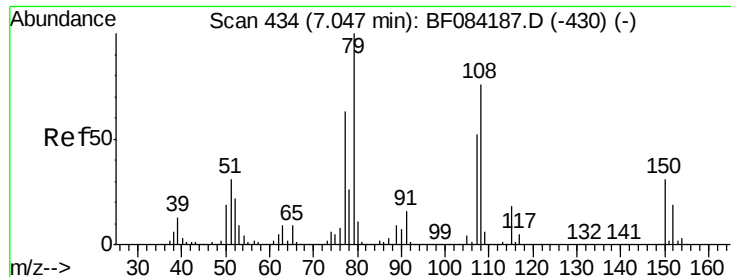
105 95.3 83.0 123.0

106 87.4 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.92 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

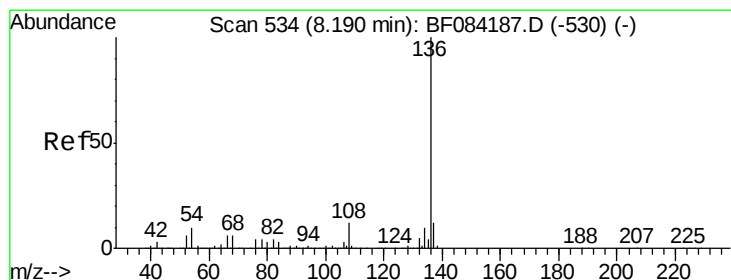
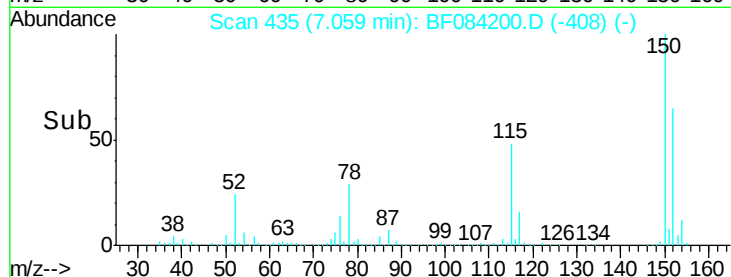
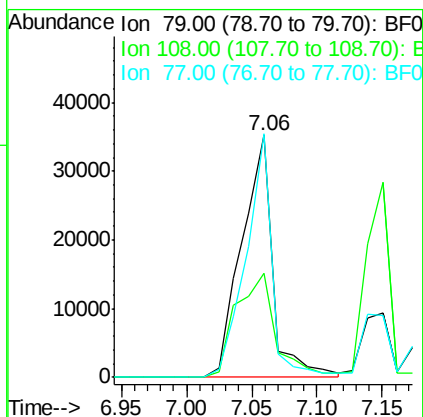
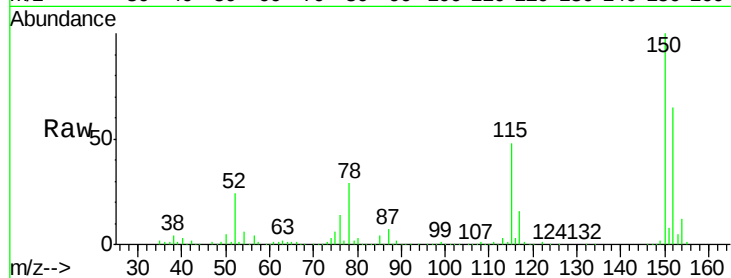
Tgt Ion: 79 Resp: 58520

Ion Ratio Lower Upper

79 100

108 42.8 69.0 103.4#

77 100.5 50.0 75.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Tgt Ion: 136 Resp: 1236187

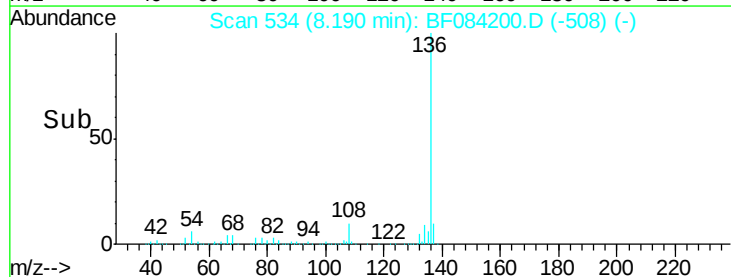
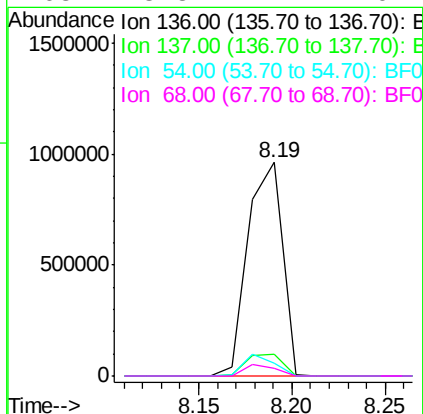
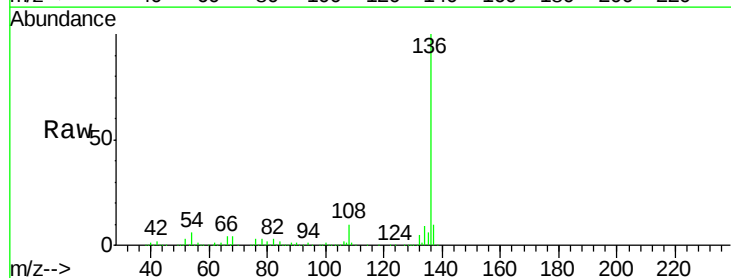
Ion Ratio Lower Upper

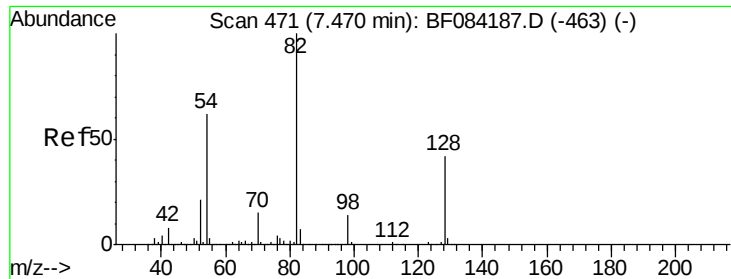
136 100

137 10.2 8.7 13.1

54 6.2 5.8 8.8

68 3.8 4.2 6.2#

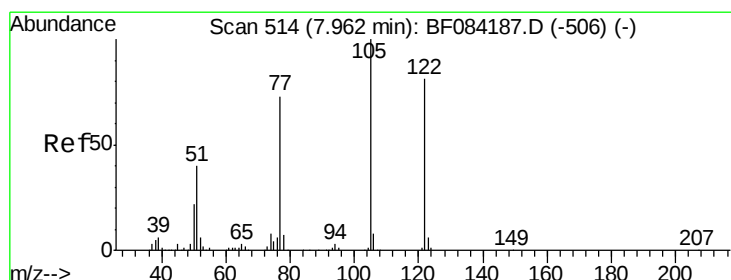
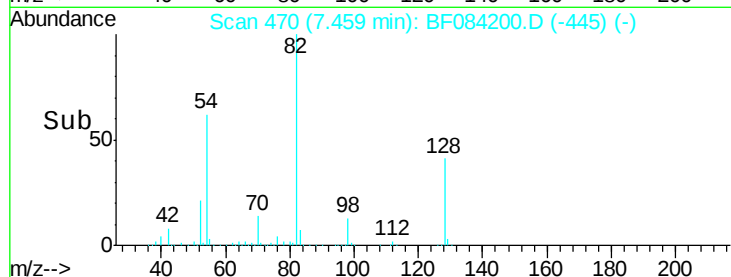
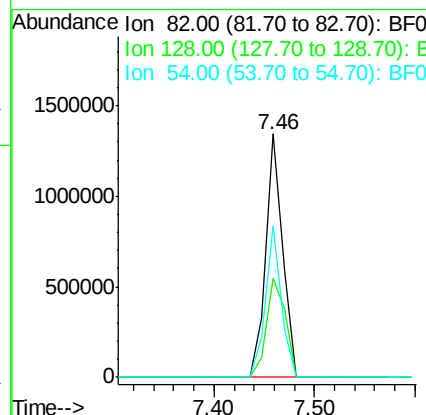
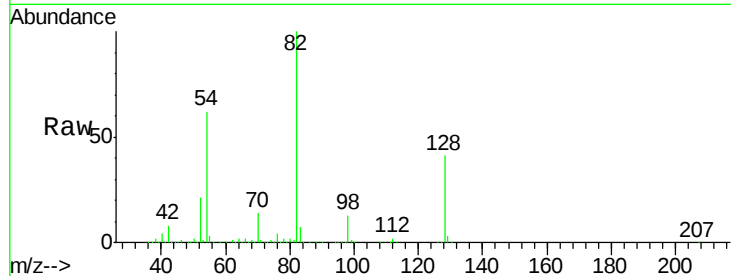




#23
 Nitrobenzene-d5
 Concen: 70.02 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084200.D
 Acq: 31 Dec 2015 17:44

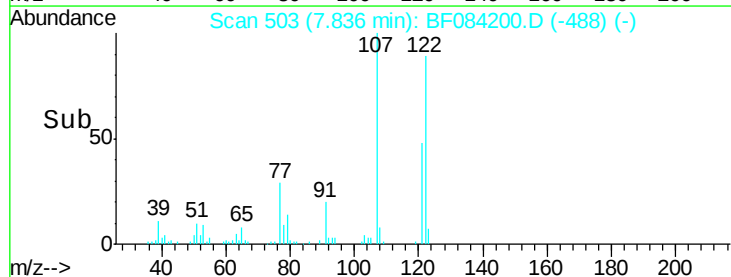
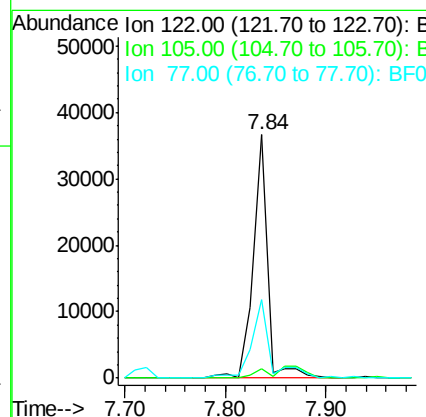
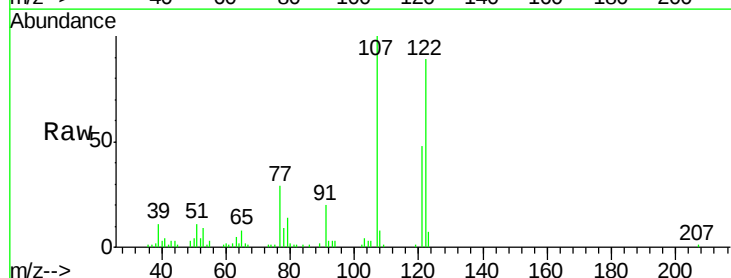
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

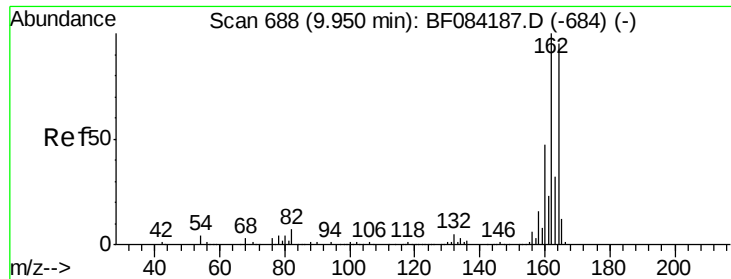
Tgt Ion: 82 Resp: 1555155
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 51.8
 54 62.2 38.4 57.6#



#32
 Benzoic acid
 Concen: 8.61 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.12 min
 Lab File: BF084200.D
 Acq: 31 Dec 2015 17:44

Tgt Ion: 122 Resp: 36224
 Ion Ratio Lower Upper
 122 100
 105 3.9 100.3 140.3#
 77 32.2 63.5 103.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

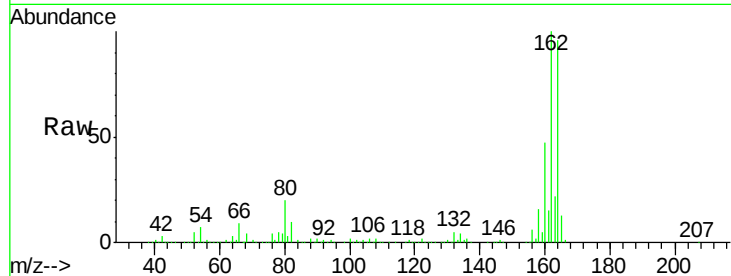
Tgt Ion:164 Resp: 578442

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

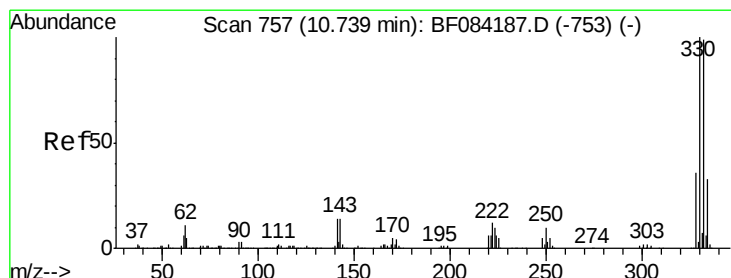
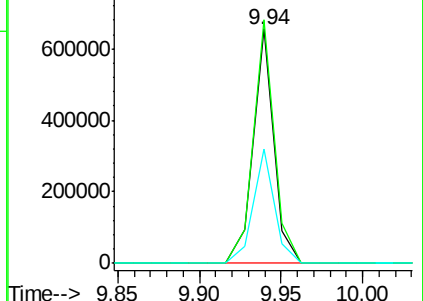
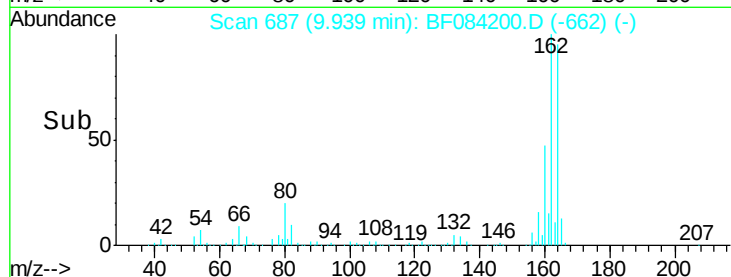
160 48.7 37.5 56.3



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: 106.42 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

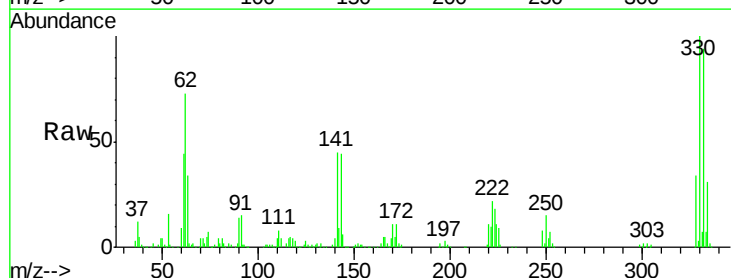
Tgt Ion:330 Resp: 621452

Ion Ratio Lower Upper

330 100

332 94.9 76.6 114.8

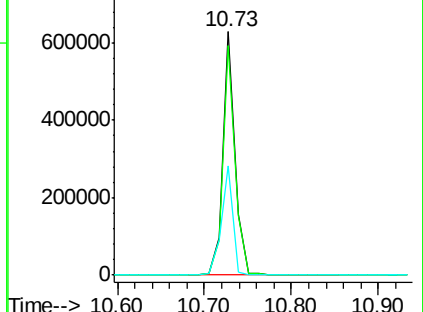
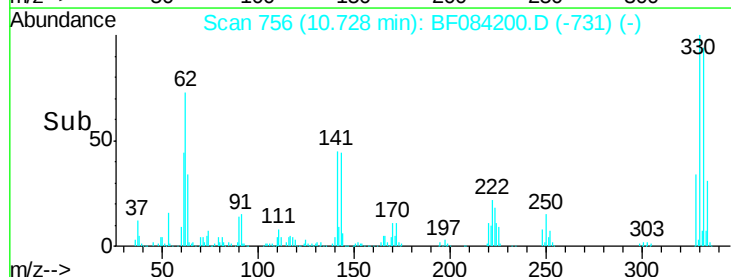
141 43.4 27.8 41.6#

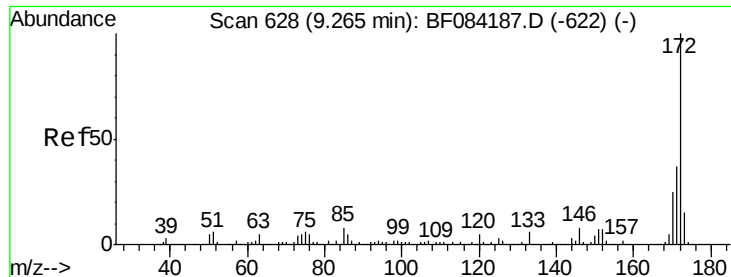


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

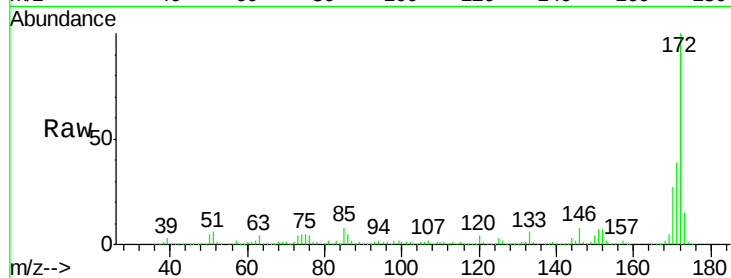




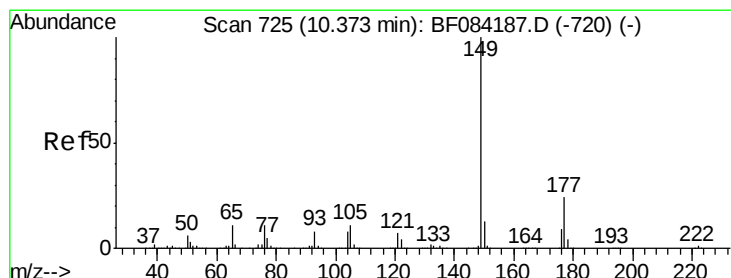
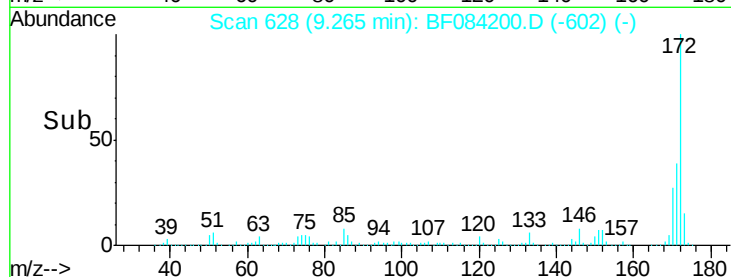
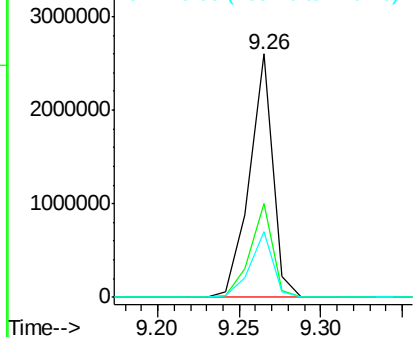
#44
 2-Fluorobiphenyl
 Concen: 78.08 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084200.D
 Acq: 31 Dec 2015 17:44

Instrument :
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 LOD-WATER2016-01

Tgt Ion:172 Resp: 2584385
 Ion Ratio Lower Upper
 172 100
 171 38.7 28.9 43.3
 170 27.2 18.6 27.8

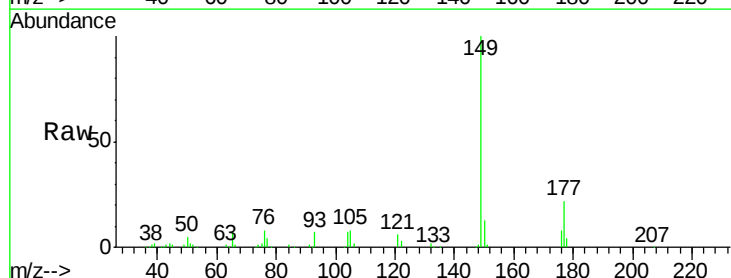


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

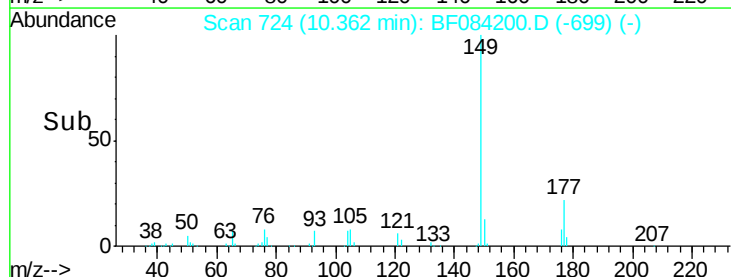
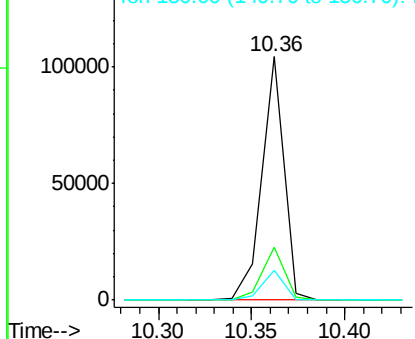


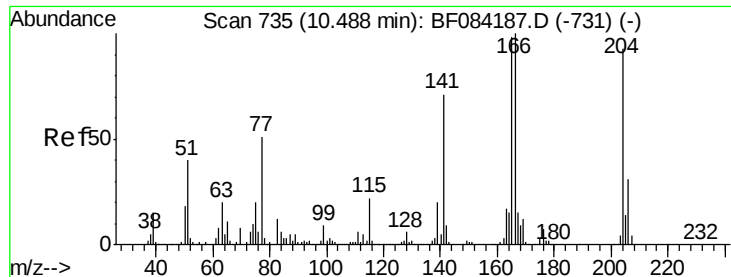
#59
 Diethylphthalate
 Concen: 2.08 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF084200.D
 Acq: 31 Dec 2015 17:44

Tgt Ion:149 Resp: 84924
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.3 25.9
 150 12.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

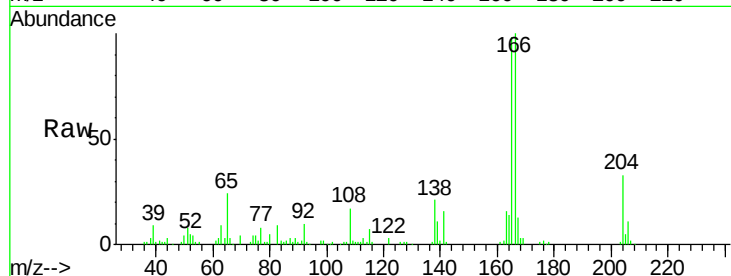
Tgt Ion:204 Resp: 32740

Ion Ratio Lower Upper

204 100

206 32.1 25.7 38.5

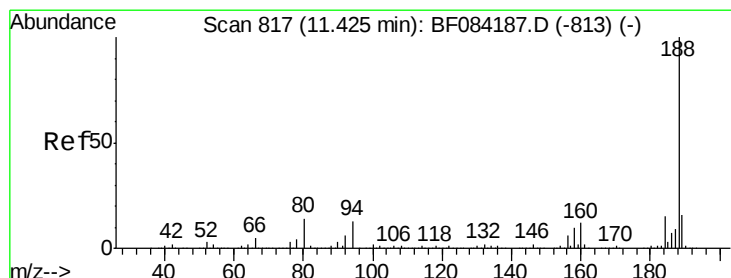
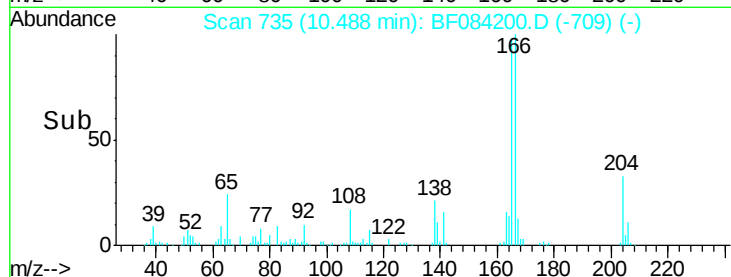
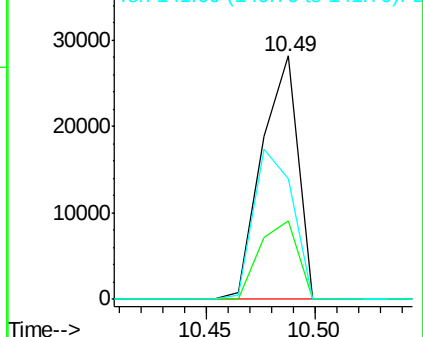
141 49.4 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

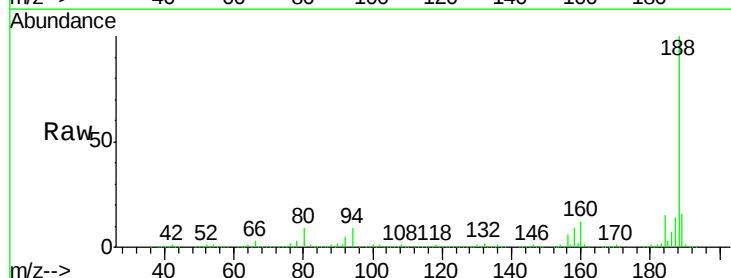
Tgt Ion:188 Resp: 1123469

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

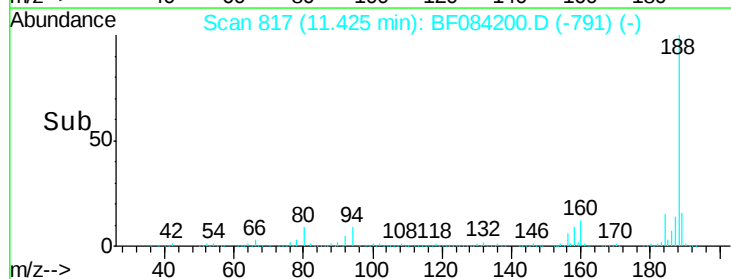
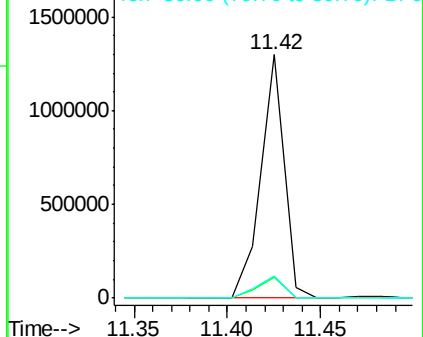
80 9.0 9.6 14.4#

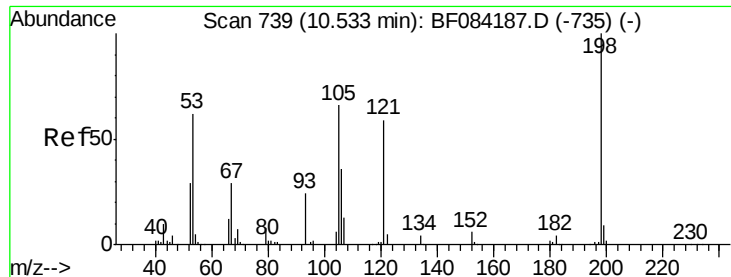


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

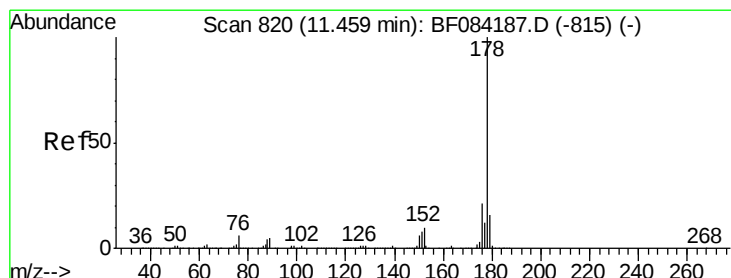
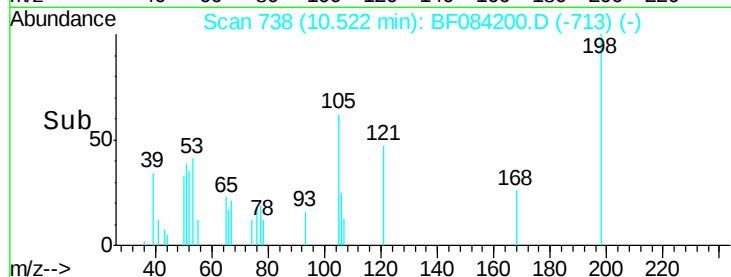
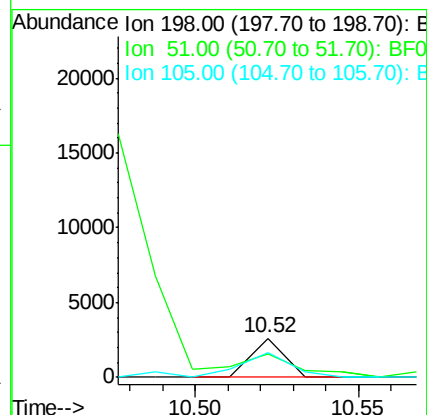
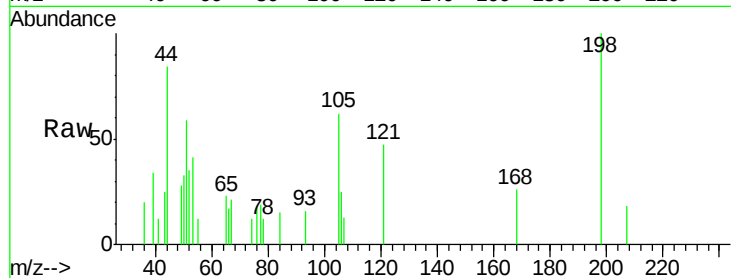




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.62 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF084200.D
 Acq: 31 Dec 2015 17:44

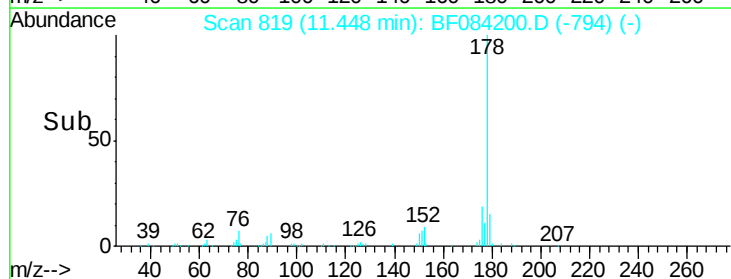
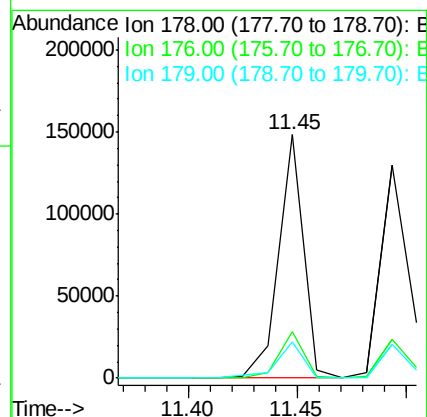
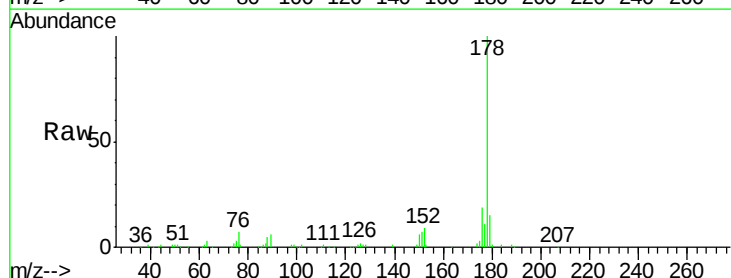
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

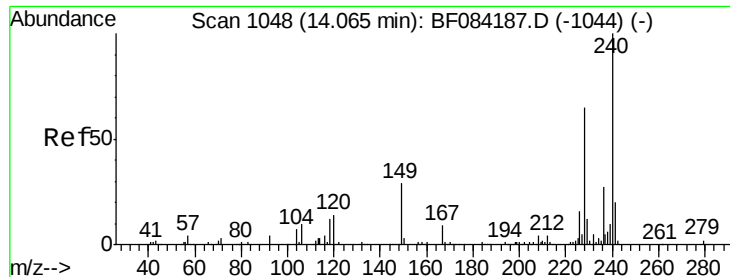
Tgt Ion:198 Resp: 1794
 Ion Ratio Lower Upper
 198 100
 51 59.0 18.9 58.9#
 105 61.8 26.4 66.4



#70
 Phenanthrene
 Concen: 2.03 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF084200.D
 Acq: 31 Dec 2015 17:44

Tgt Ion:178 Resp: 119309
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 14.7 12.0 18.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

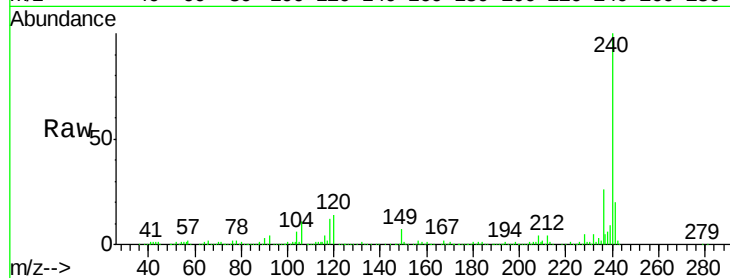
Tgt Ion:240 Resp: 776814

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

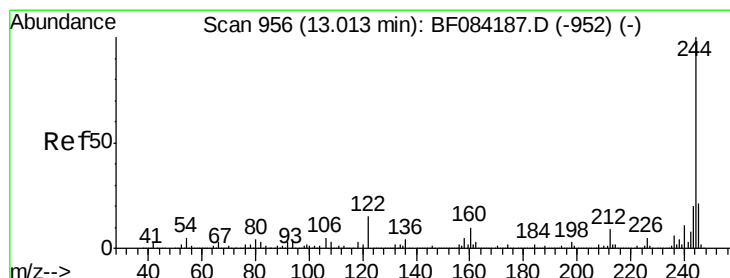
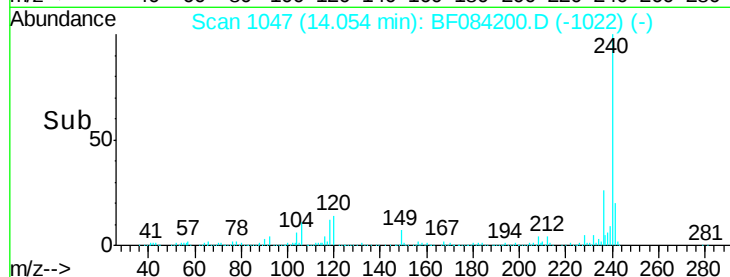
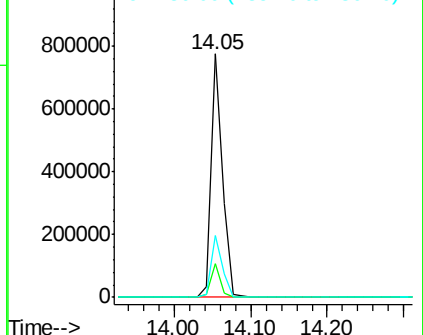
236 25.7 20.6 31.0



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: 71.26 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

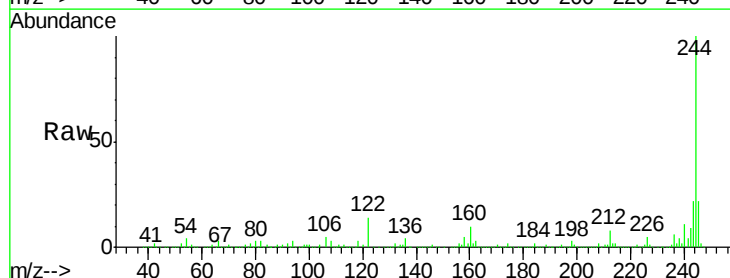
Tgt Ion:244 Resp: 2479747

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

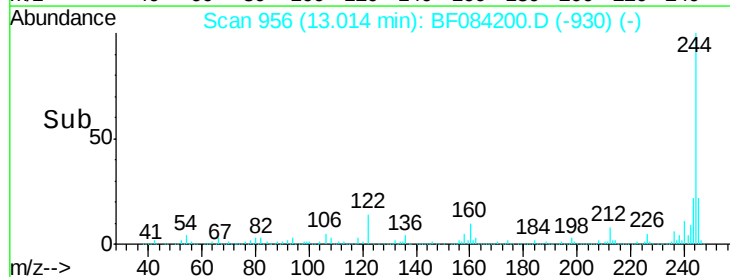
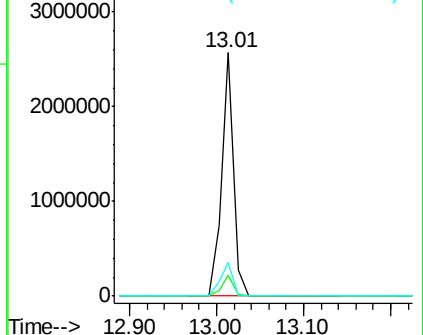
122 14.0 7.4 11.0#

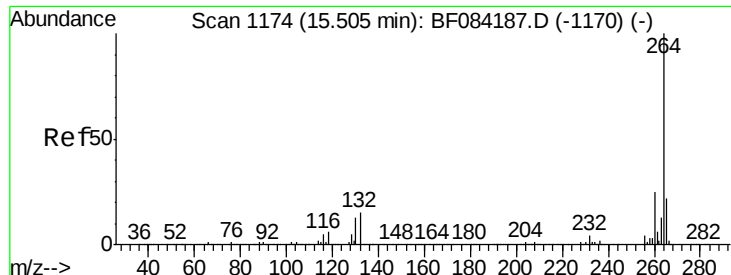


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

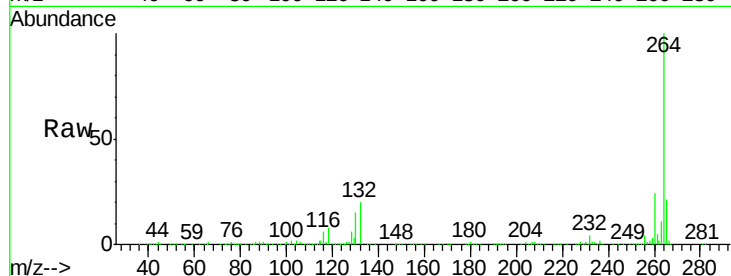




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084200.D
Acq: 31 Dec 2015 17:44

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.2	17.8	26.6



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

