

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084199.D
 Acq On : 31 Dec 2015 17:16
 Operator : UM/SJ
 Sample : G4825-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jan 01 23:20:53 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

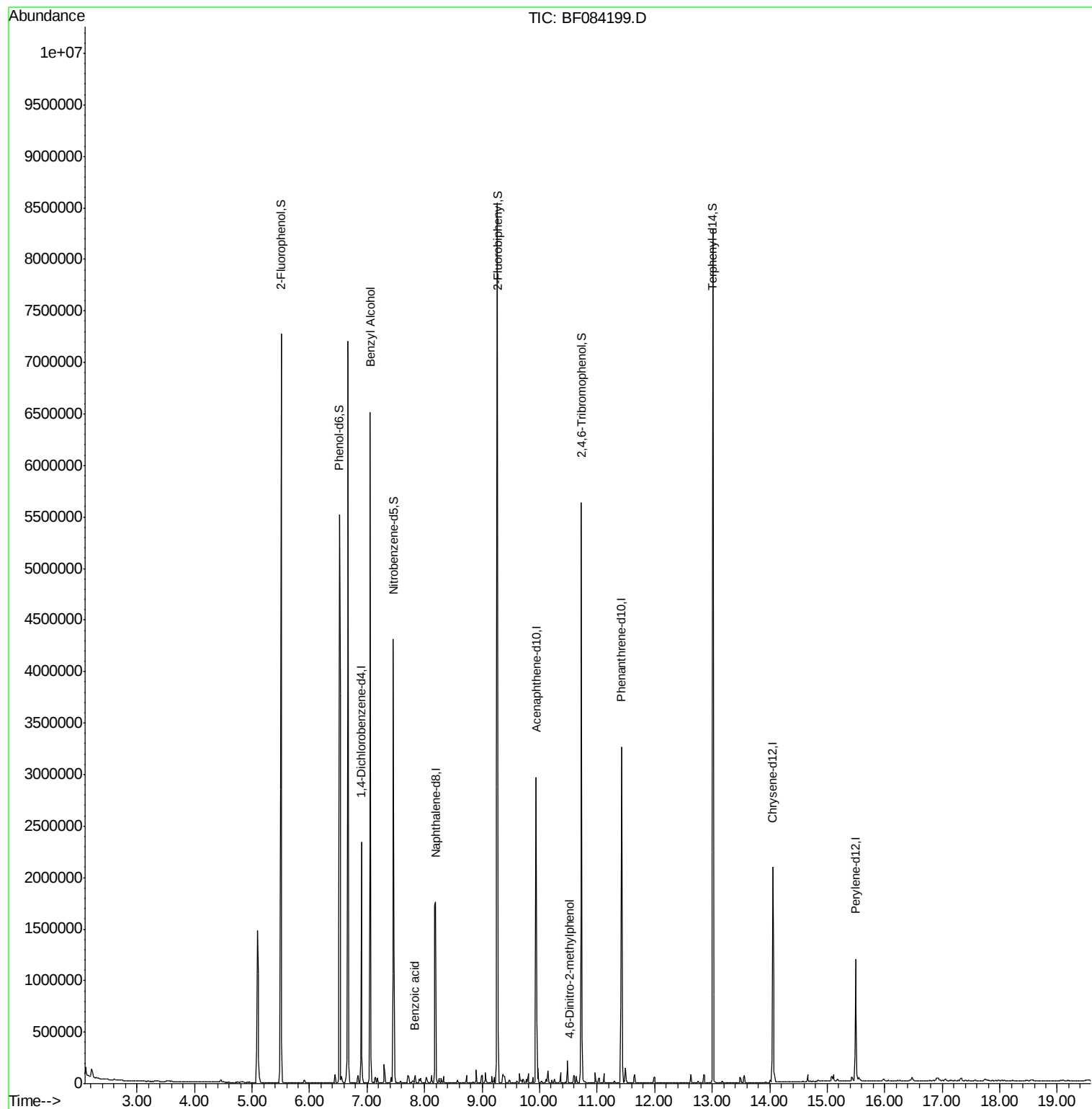
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	294129	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1201366	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	567167	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1094667	20.00	ng	0.00
75) Chrysene-d12	14.05	240	776664	20.00	ng	-0.01
86) Perylene-d12	15.49	264	576235	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1863137	102.46	ng	0.01
7) Phenol-d6	6.52	99	2521392	110.40	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1485849	68.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	586677	102.46	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2523114	77.72	ng	0.00
78) Terphenyl-d14	13.01	244	2371395	68.16	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.06	79	44539	2.32	ng	# 48
32) Benzoic acid	7.84	122	15422	7.28	ng	# 14
54) Dibenzofuran	10.14	168	46858	Below	Cal	98
57) Fluorene	10.49	166	35165	Below	Cal	95
60) 4-Chlorophenyl-phenylether	10.49	204	15114	Below	Cal	# 87
64) 4,6-Dinitro-2-methylphenol	10.52	198	346	6.46	ng	# 1
73) Di-n-butylphthalate	12.00	149	45668	Below	Cal	# 98

(#) = 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: BF084199.D

Acq: 31 Dec 2015 17:16

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

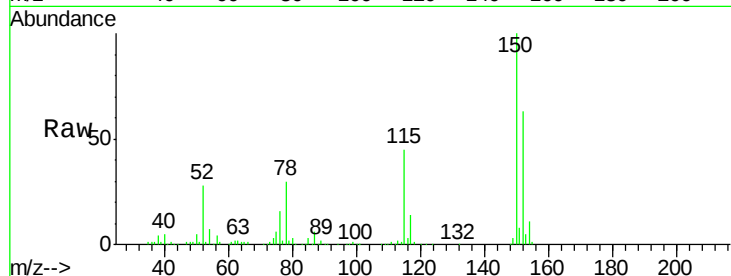
Tgt Ion:152 Resp: 294129

Ion Ratio Lower Upper

152 100

150 159.0 123.0 184.4

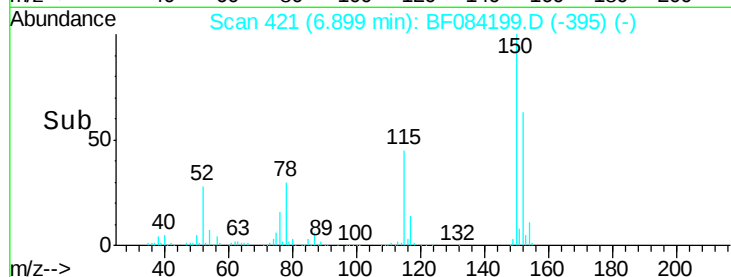
115 70.8 51.4 77.2



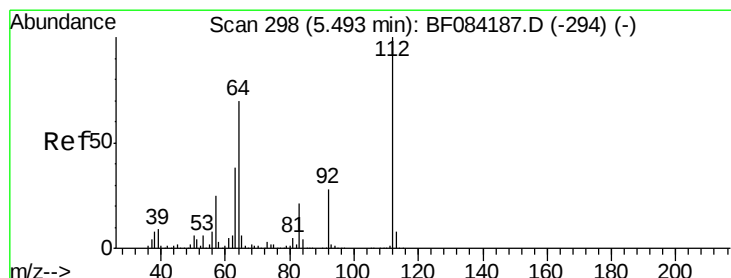
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 102.46 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084199.D

Acq: 31 Dec 2015 17:16

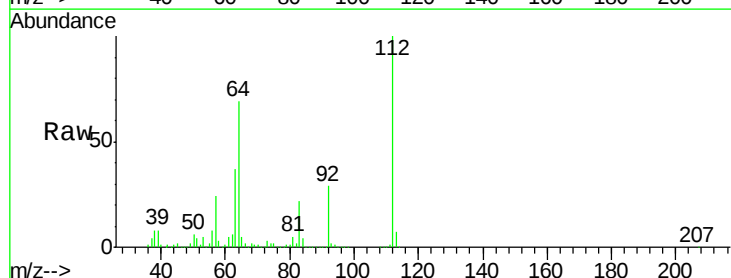
Tgt Ion:112 Resp: 1863137

Ion Ratio Lower Upper

112 100

64 68.9 36.6 55.0#

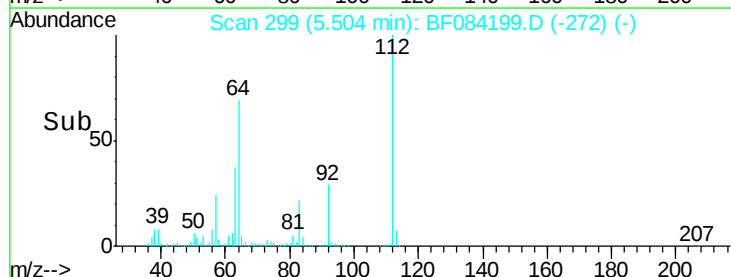
63 37.4 19.4 29.0#



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



Time-->



#7

Phenol-d6

Concen: 110.40 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084199.D

Acq: 31 Dec 2015 17:16

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

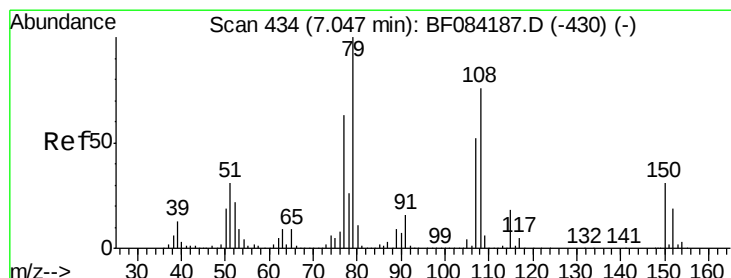
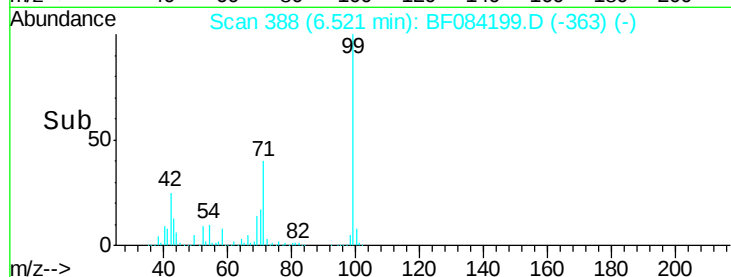
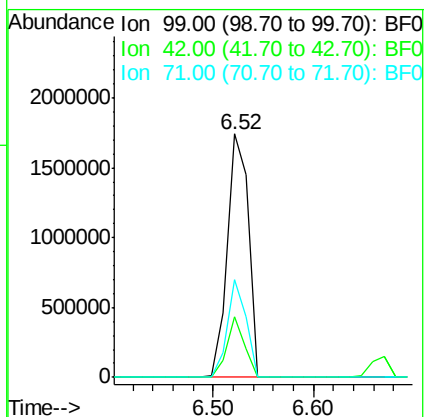
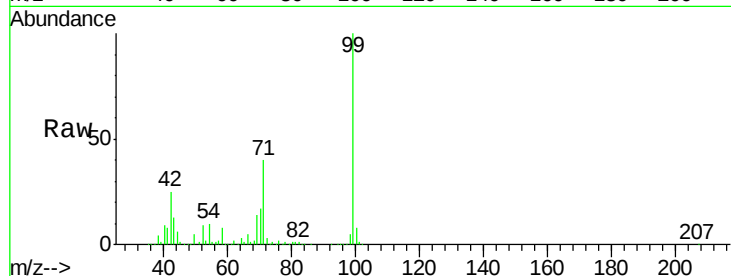
Tgt Ion: 99 Resp: 2521392

Ion Ratio Lower Upper

99 100

42 25.0 12.8 19.2#

71 40.0 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.32 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF084199.D

Acq: 31 Dec 2015 17:16

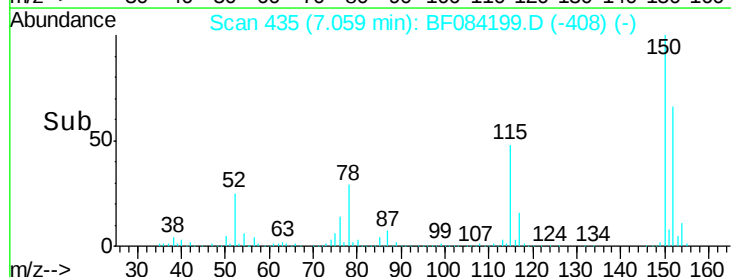
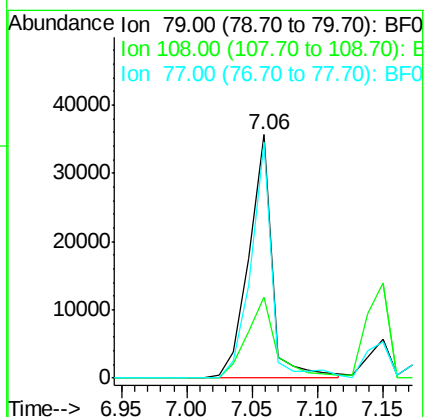
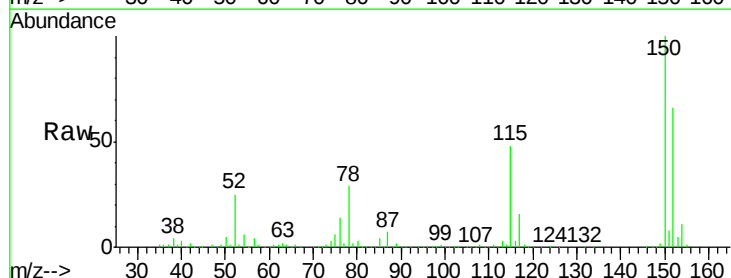
Tgt Ion: 79 Resp: 44539

Ion Ratio Lower Upper

79 100

108 33.4 69.0 103.4#

77 96.8 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: BF084199.D

Acq: 31 Dec 2015 17:16

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:136 Resp: 1201366

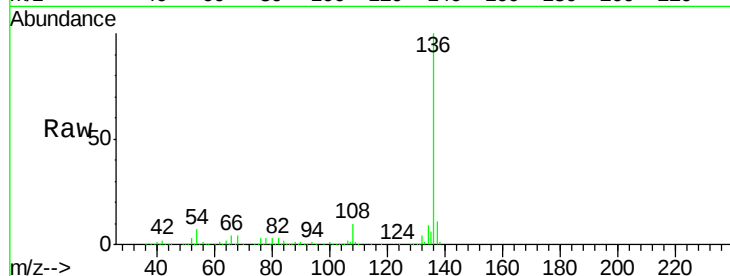
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.7 5.8 8.8

68 3.8 4.2 6.2#

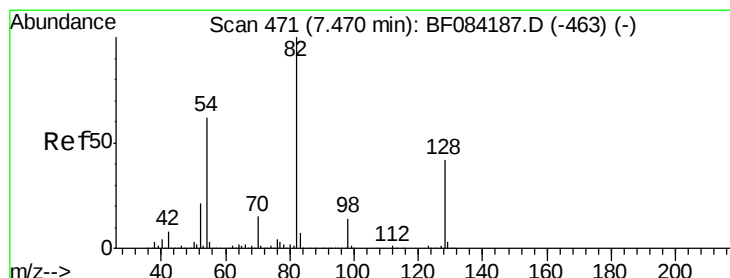
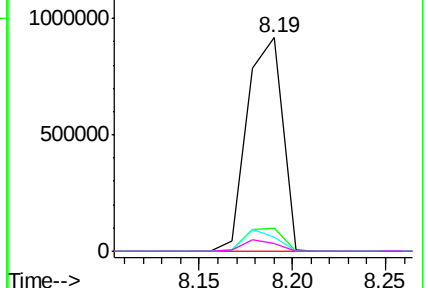
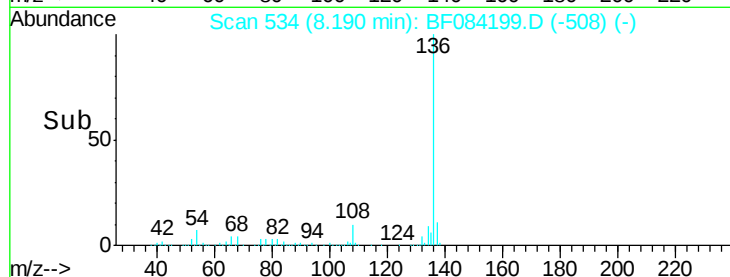


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 68.83 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084199.D

Acq: 31 Dec 2015 17:16

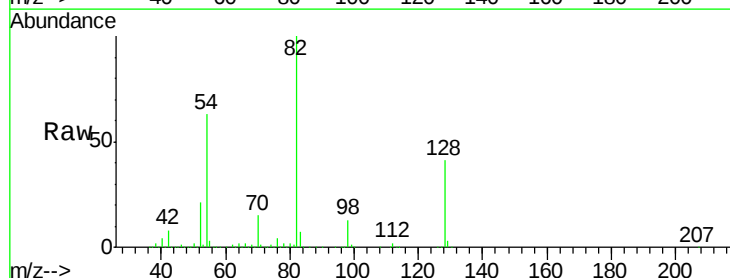
Tgt Ion: 82 Resp: 1485849

Ion Ratio Lower Upper

82 100

128 40.8 34.6 51.8

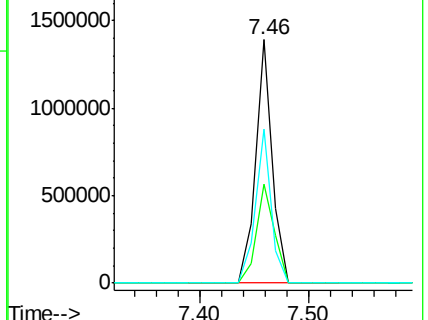
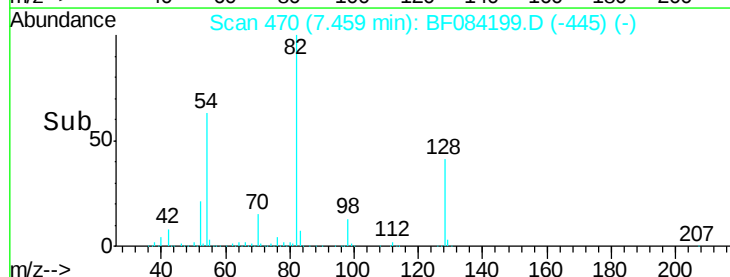
54 63.2 38.4 57.6#

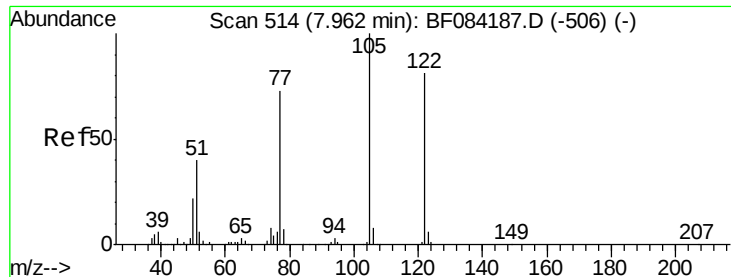


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

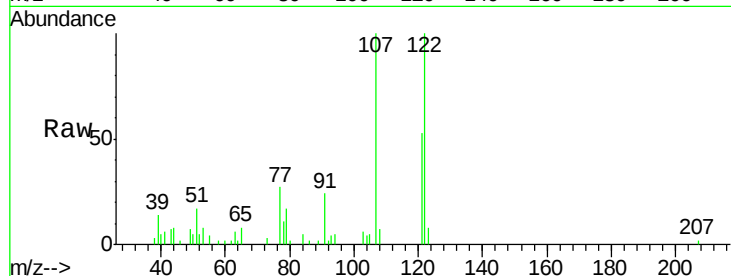




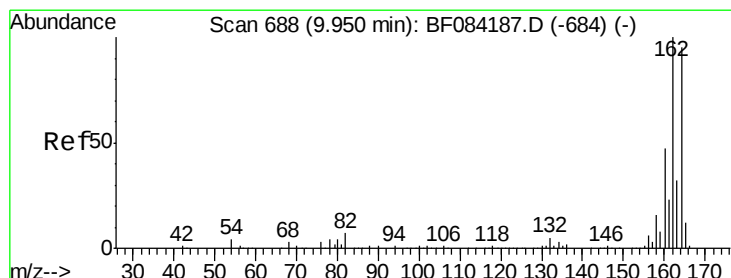
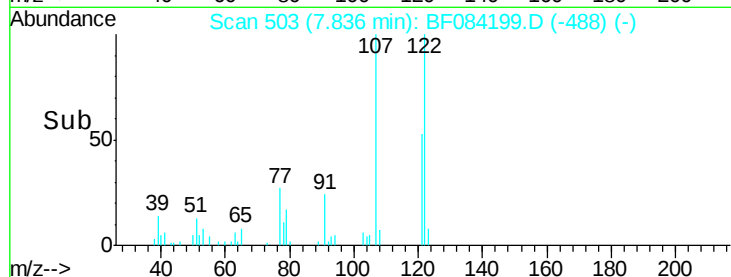
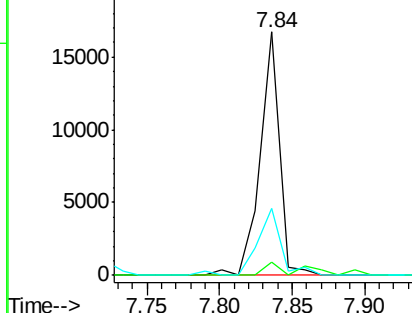
#32
Benzoic acid
Concen: 7.28 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.13 min
Lab File: BF084199.D
Acq: 31 Dec 2015 17:16

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BNA_F
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LOD-WATER2016-01

Tgt Ion:122 Resp: 15422
Ion Ratio Lower Upper
122 100
105 5.2 100.3 140.3#
77 27.5 63.5 103.5#

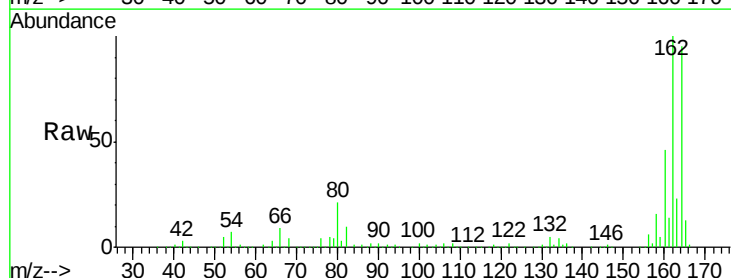


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

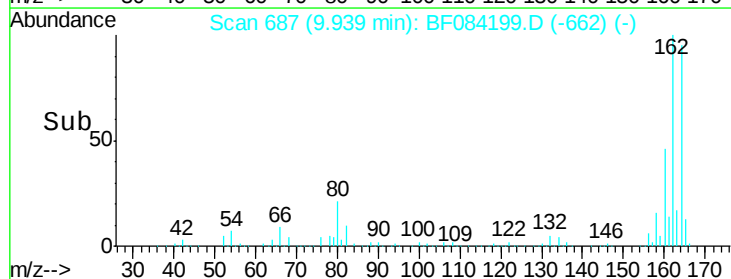
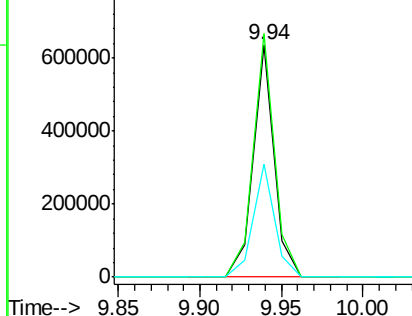


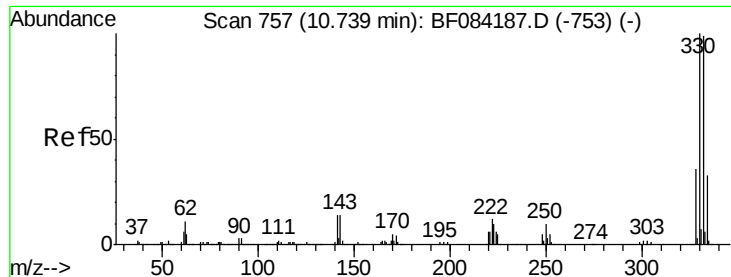
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084199.D
Acq: 31 Dec 2015 17:16

Tgt Ion:164 Resp: 567167
Ion Ratio Lower Upper
164 100
162 104.8 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

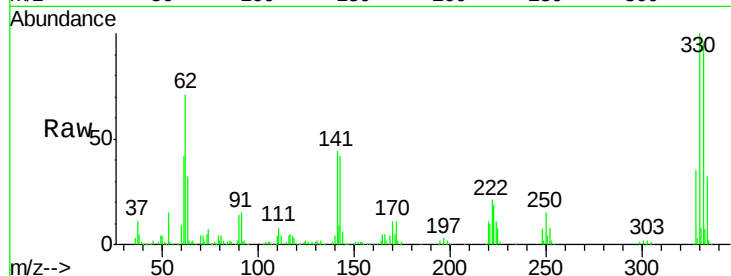




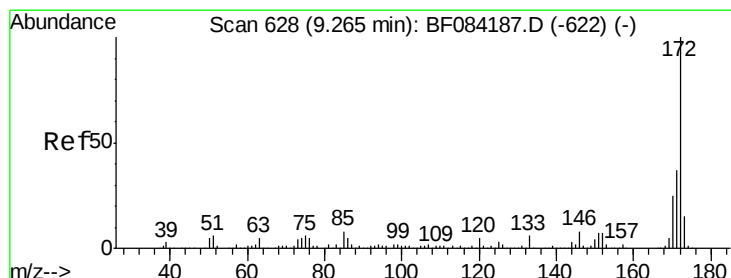
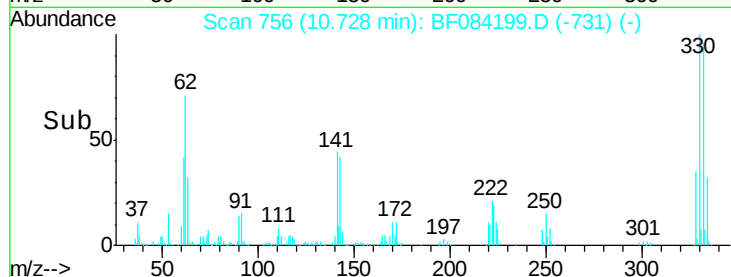
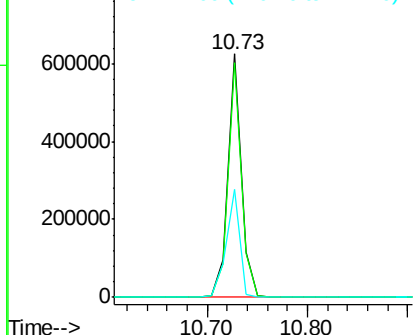
#41
 2,4,6-Tribromophenol
 Concen: 102.46 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084199.D
 Acq: 31 Dec 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:330 Resp: 586677
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 44.5 27.8 41.6#

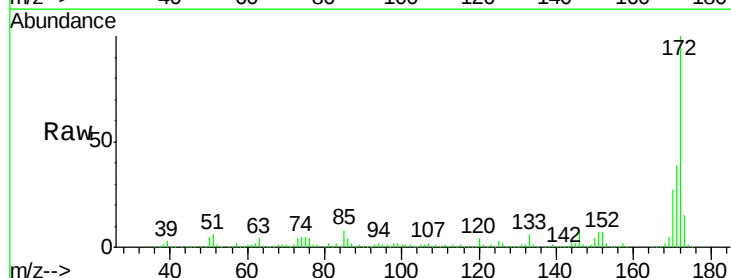


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

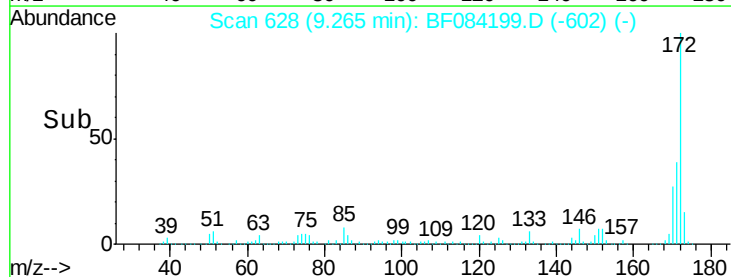
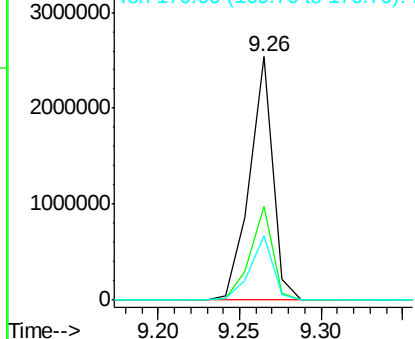


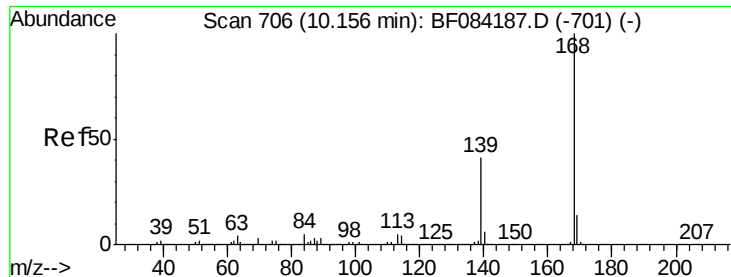
#44
 2-Fluorobiphenyl
 Concen: 77.72 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084199.D
 Acq: 31 Dec 2015 17:16

Tgt Ion:172 Resp: 2523114
 Ion Ratio Lower Upper
 172 100
 171 38.7 28.9 43.3
 170 26.6 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

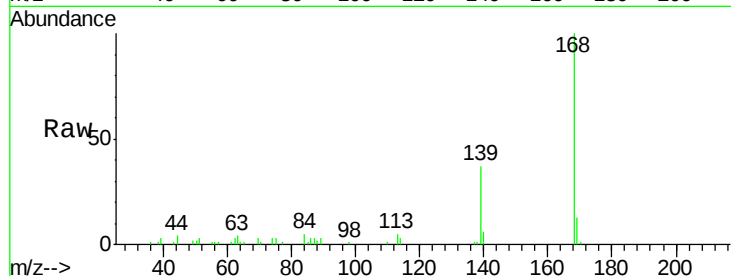




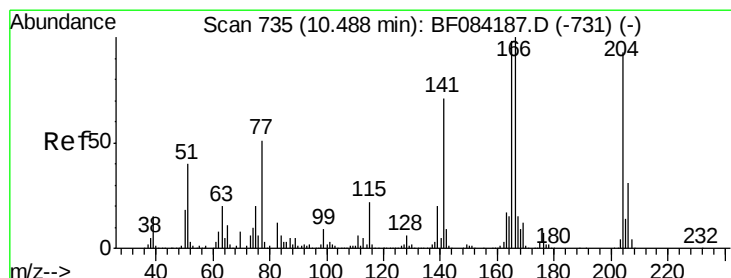
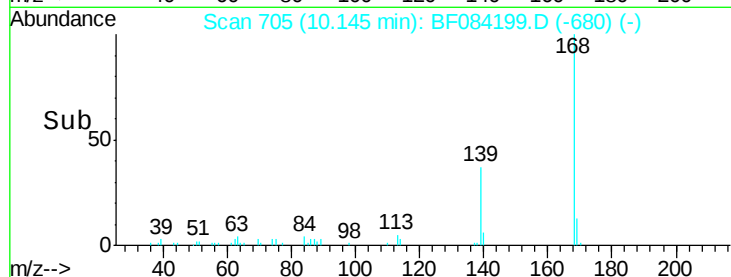
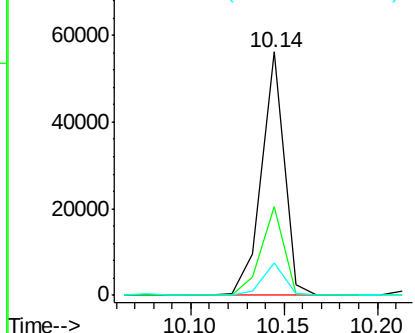
#54
Dibenzofuran
Concen: Below Cal
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084199.D
Acq: 31 Dec 2015 17:16

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BNA_F
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LOD-WATER2016-01

Tgt Ion:168 Resp: 46858
Ion Ratio Lower Upper
168 100
139 36.5 30.5 45.7
169 13.3 10.4 15.6

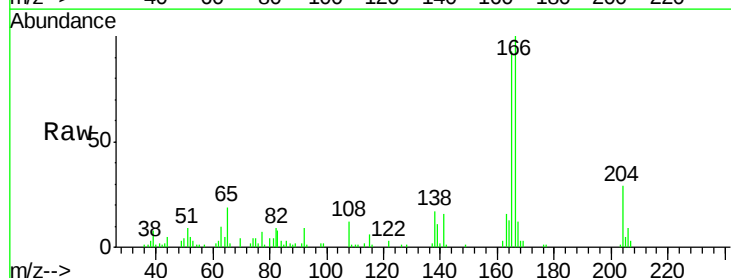


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

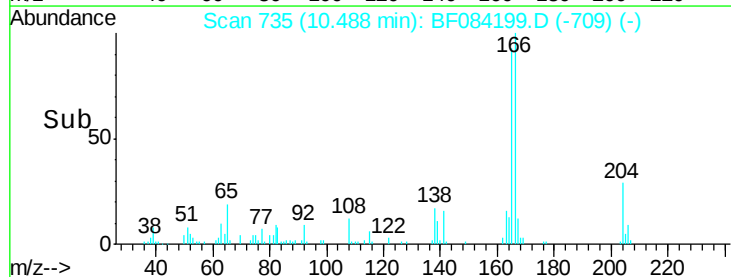
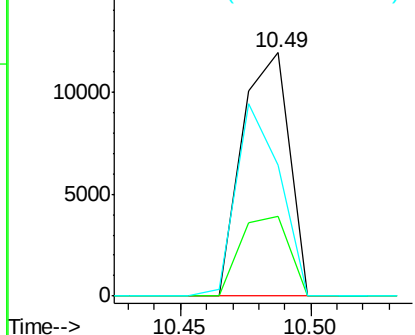


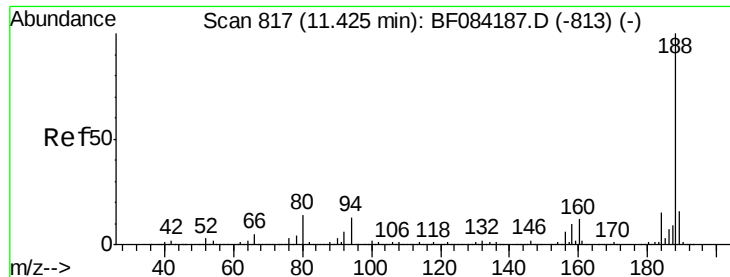
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084199.D
Acq: 31 Dec 2015 17:16

Tgt Ion:204 Resp: 15114
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 53.7 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

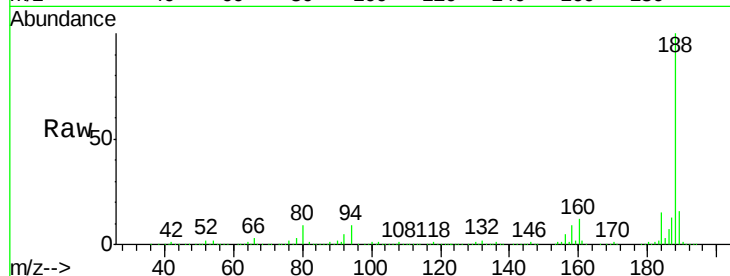




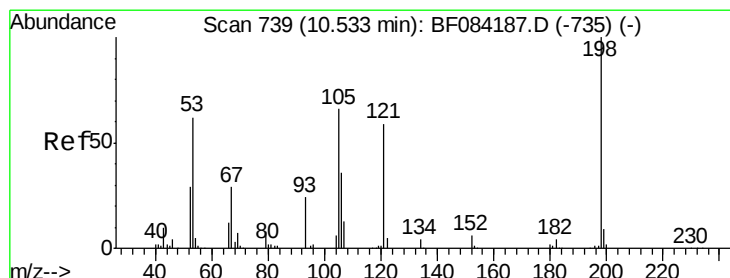
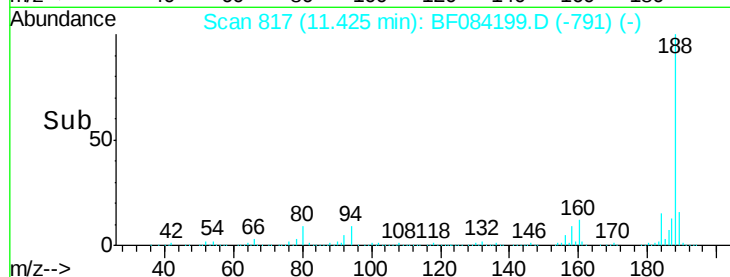
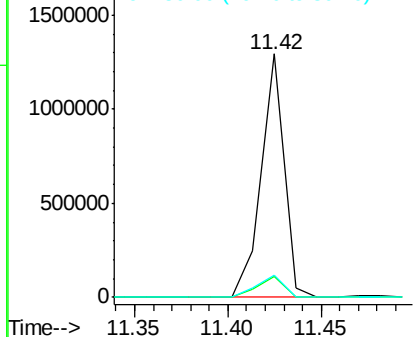
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF084199.D
 Acq: 31 Dec 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:188 Resp: 1094667
 Ion Ratio Lower Upper
 188 100
 94 8.7 9.0 13.4#
 80 9.2 9.6 14.4#

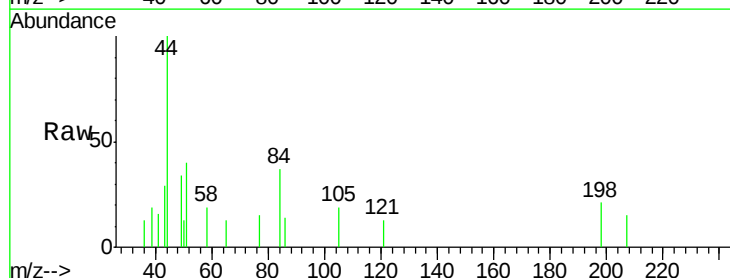


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

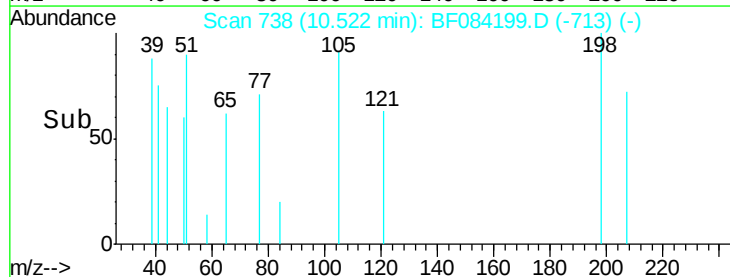
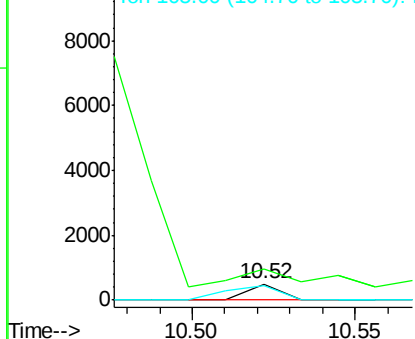


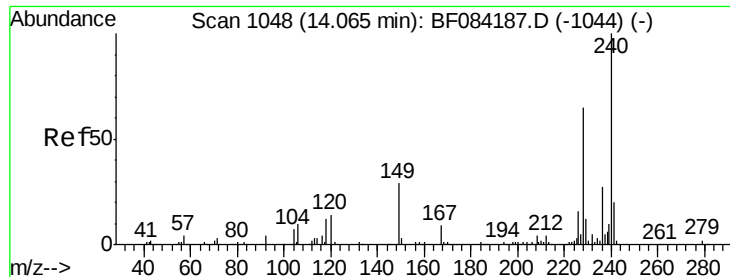
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.46 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF084199.D
 Acq: 31 Dec 2015 17:16

Tgt Ion:198 Resp: 346
 Ion Ratio Lower Upper
 198 100
 51 187.3 18.9 58.9#
 105 90.7 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084199.D

Acq: 31 Dec 2015 17:16

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

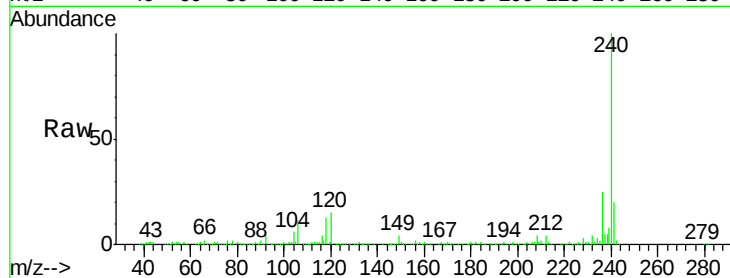
Tgt Ion:240 Resp: 776664

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

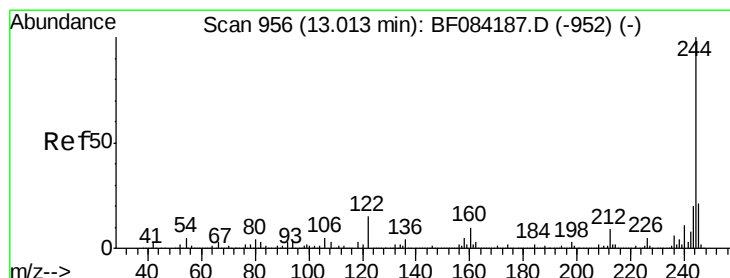
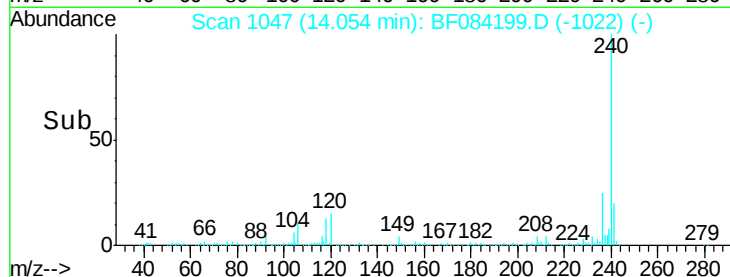
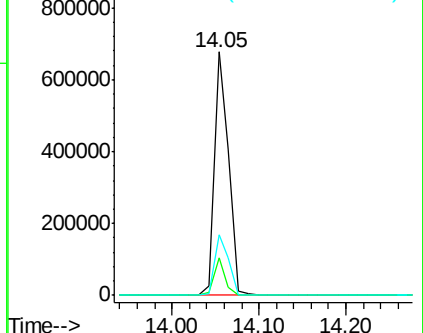
236 24.8 20.6 31.0



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: 68.16 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF084199.D

Acq: 31 Dec 2015 17:16

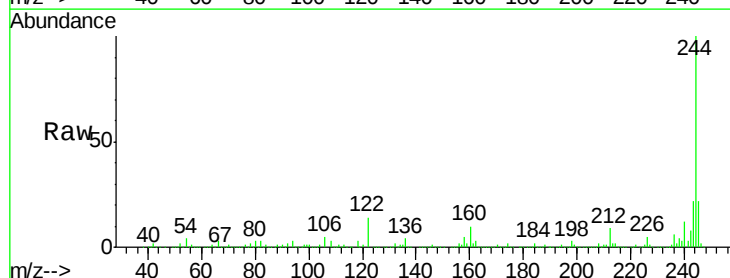
Tgt Ion:244 Resp: 2371395

Ion Ratio Lower Upper

244 100

212 8.6 5.7 8.5#

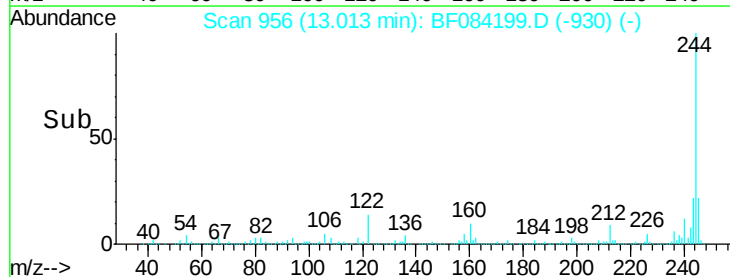
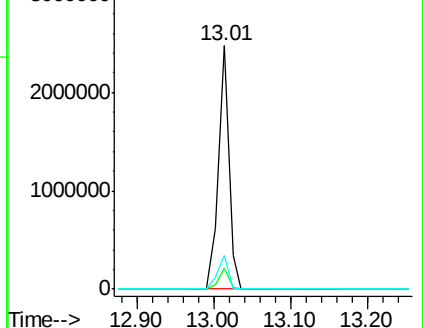
122 14.1 7.4 11.0#

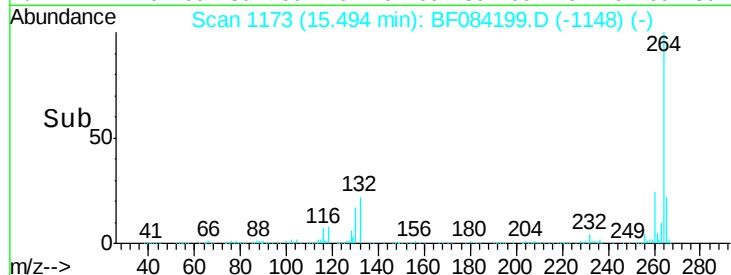
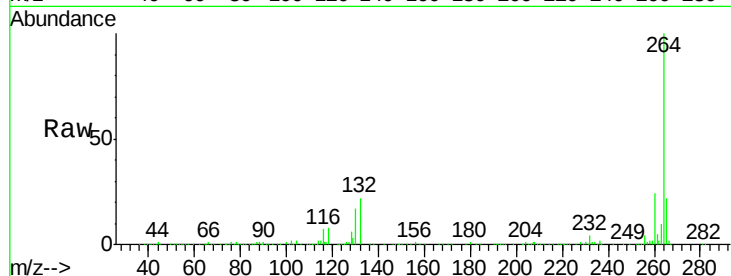
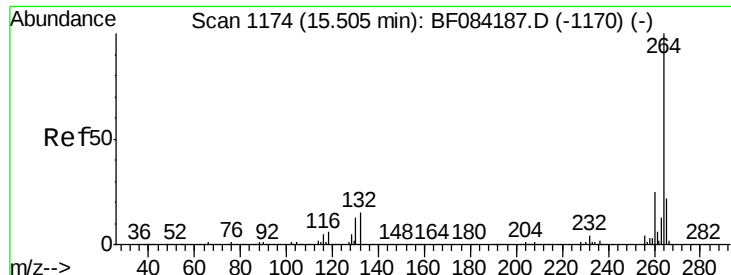


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084199.D
Acq: 31 Dec 2015 17:16

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:	264	Resp:	576235
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.2
265	22.1	17.8	26.6

