

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078003.D
 Acq On : 26 Mar 2015 18:59
 Operator : TP/IZ
 Sample : G1614-05
 Misc : LOD-WATER-8PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Mar 27 04:47:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

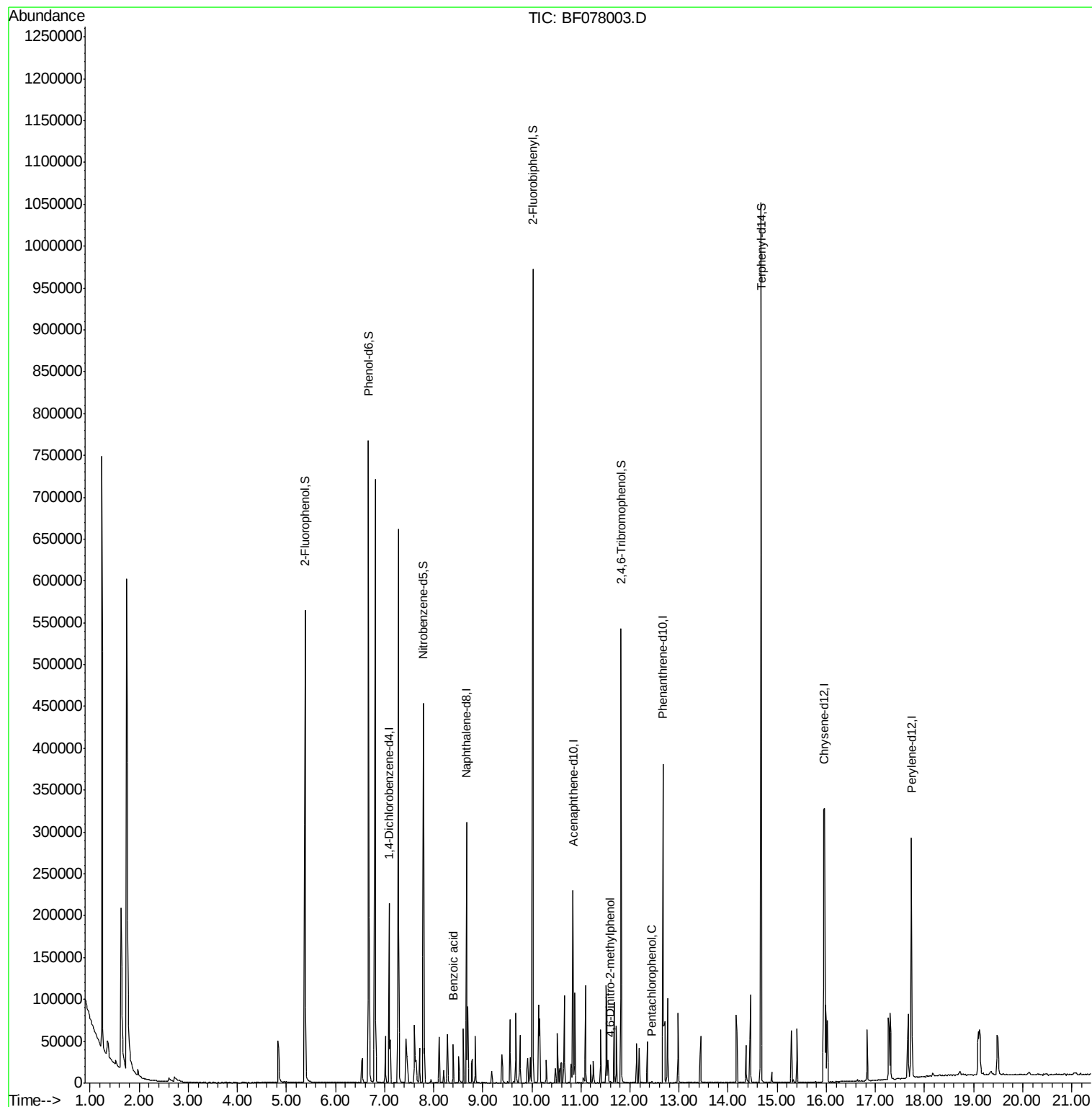
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	35206	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	147562	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	69958	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	147273	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	163983	20.00	ng	-0.05
86) Perylene-d12	17.73	264	150475	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	212718	105.47	ng	0.00
7) Phenol-d6	6.67	99	266466	106.93	ng	-0.01
23) Nitrobenzene-d5	7.79	82	153699	68.28	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	64331	96.11	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	351793	73.90	ng	0.00
78) Terphenyl-d14	14.67	244	439857	65.52	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	8.40	122	221m	3.26	ng	
64) 4,6-Dinitro-2-methylphenol	11.60	198	451	4.89	ng	# 79
69) Pentachlorophenol	12.44	266	815	3.95	ng	99

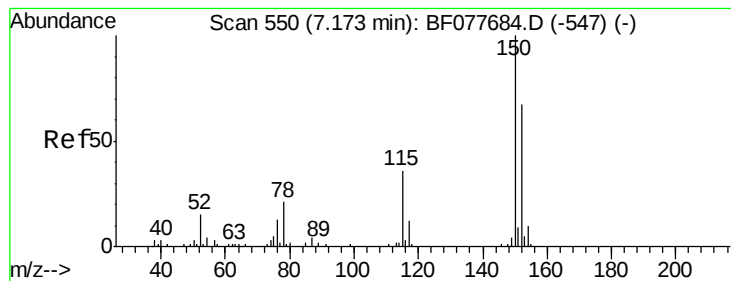
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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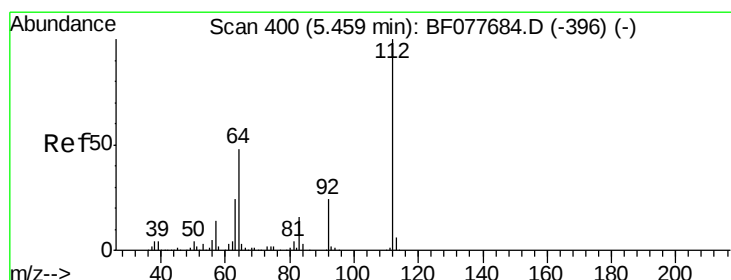
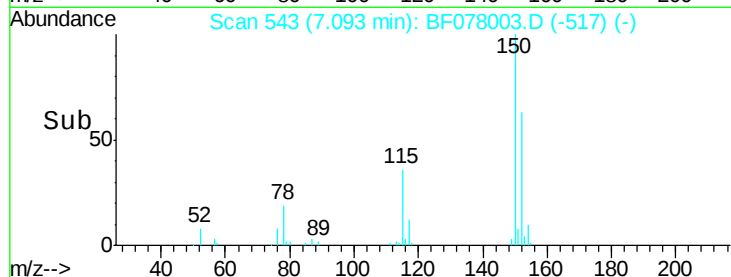
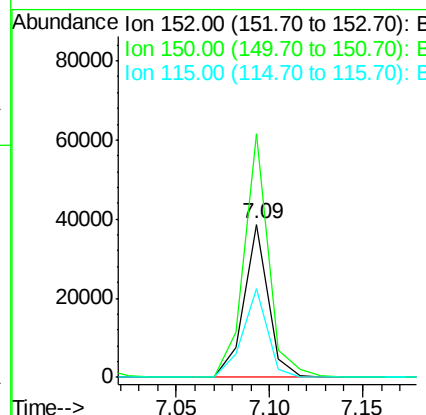
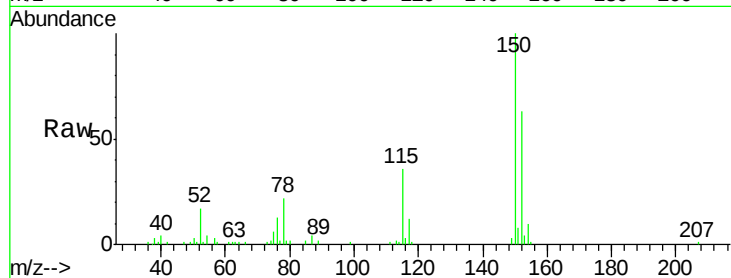




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078003.D
 Acq: 26 Mar 2015 18:59

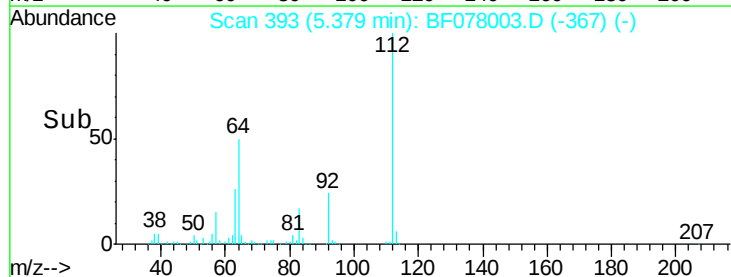
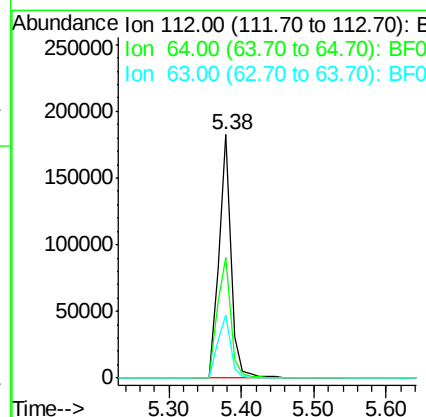
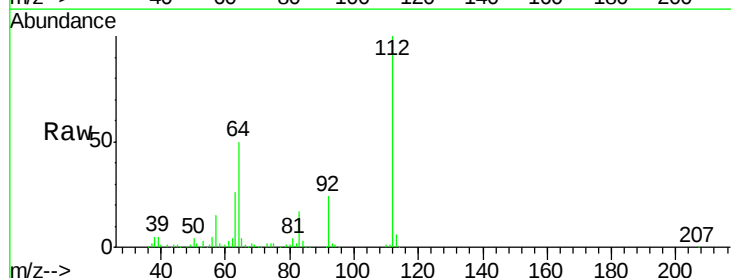
Instrument :
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 ClientSampleId :
 LOD-WATER2015-01

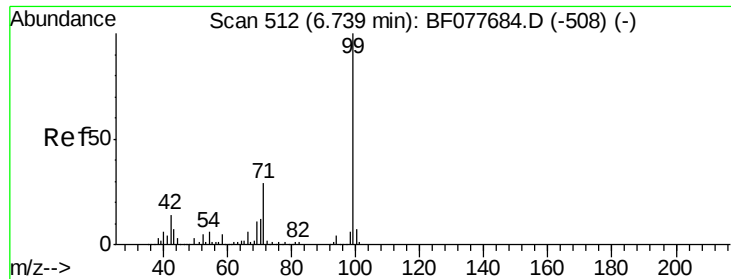
Tgt Ion:152 Resp: 35206
 Ion Ratio Lower Upper
 152 100
 150 159.1 119.5 179.3
 115 57.7 43.0 64.4



#5
 2-Fluorophenol
 Concen: 105.47 ng
 RT: 5.38 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BF078003.D
 Acq: 26 Mar 2015 18:59

Tgt Ion:112 Resp: 212718
 Ion Ratio Lower Upper
 112 100
 64 49.6 38.6 57.8
 63 25.9 19.3 28.9





#7

Phenol-d6

Concen: 106.93 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078003.D

Acq: 26 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

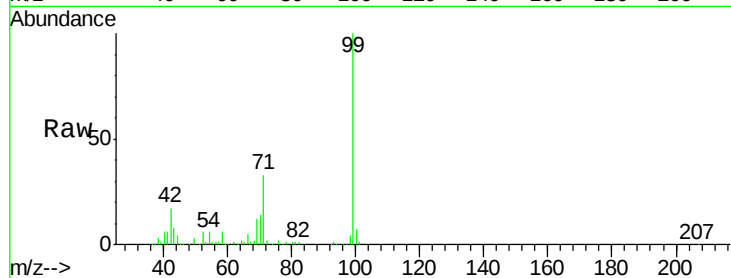
Tgt Ion: 99 Resp: 266466

Ion Ratio Lower Upper

99 100

42 16.6 11.0 16.4#

71 32.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)

6.67

300000

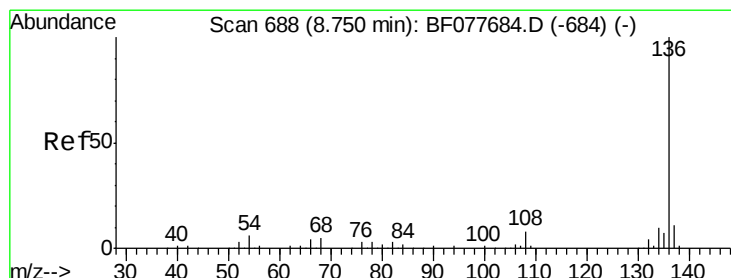
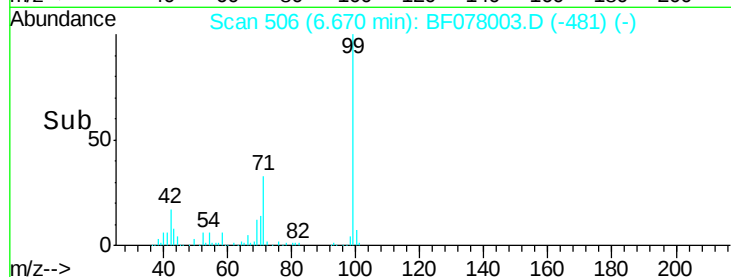
200000

100000

0

6.60 6.70 6.80

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078003.D

Acq: 26 Mar 2015 18:59

Tgt Ion: 136 Resp: 147562

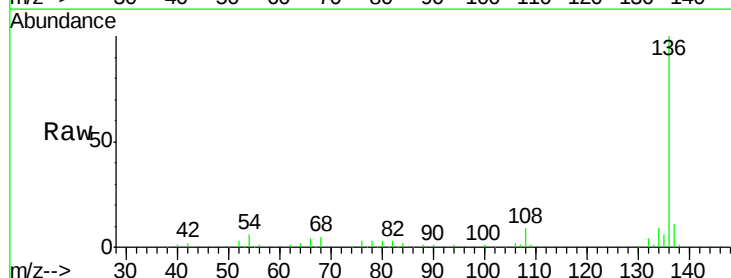
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.1 4.6 6.8

68 4.9 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BF077684.D (-684) (-)

Ion 137.00 (136.70 to 137.70): BF077684.D (-684) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-684) (-)

Ion 68.00 (67.70 to 68.70): BF077684.D (-684) (-)

8.67

250000

200000

150000

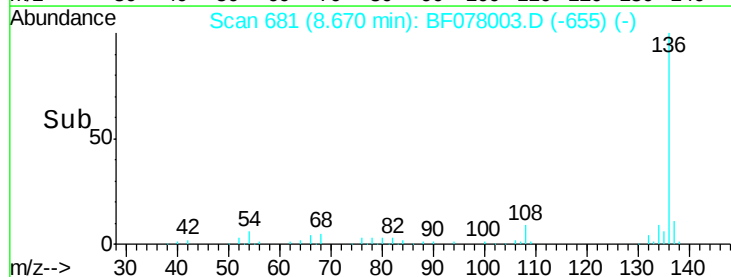
100000

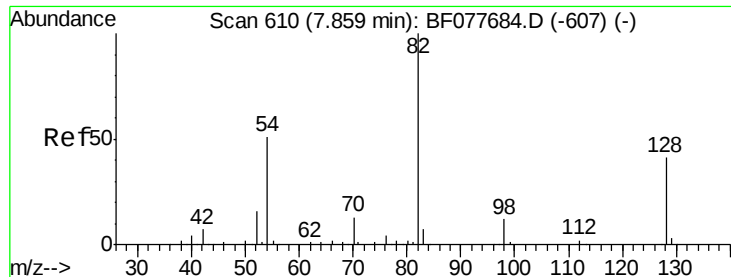
50000

0

8.60 8.65 8.70 8.75

Time-->

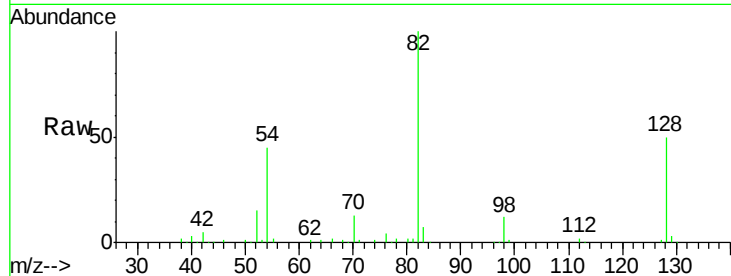




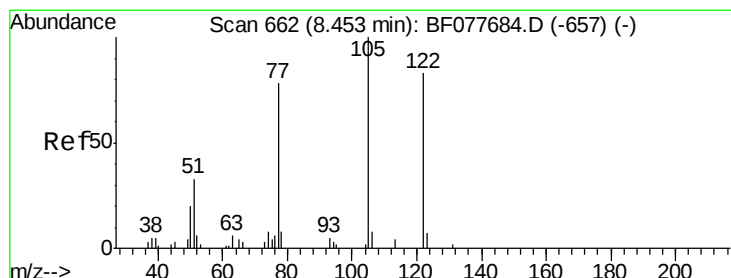
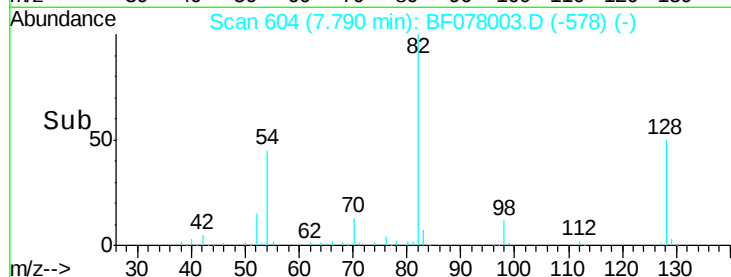
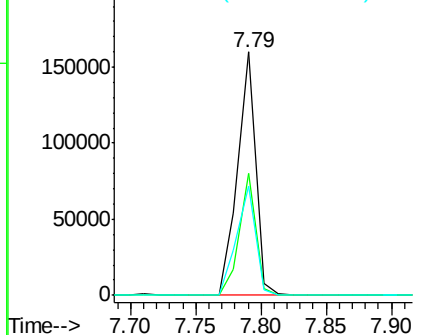
#23
 Nitrobenzene-d5
 Concen: 68.28 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078003.D
 Acq: 26 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion: 82 Resp: 153699
 Ion Ratio Lower Upper
 82 100
 128 50.1 32.8 49.2#
 54 44.9 40.6 60.8

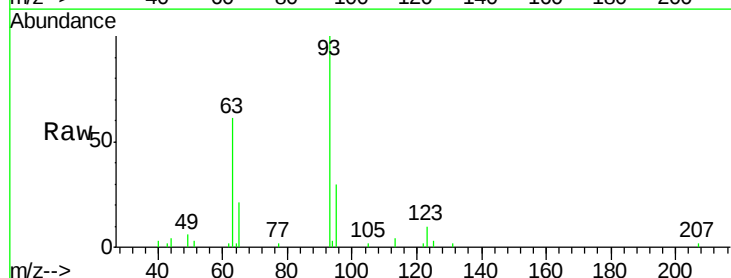


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

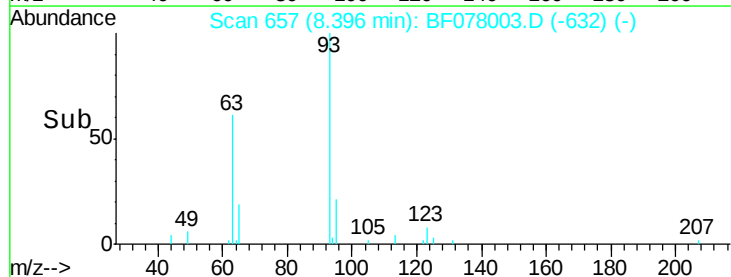
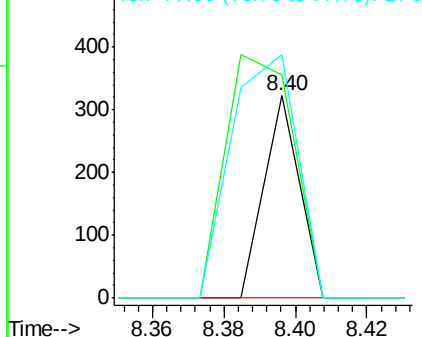


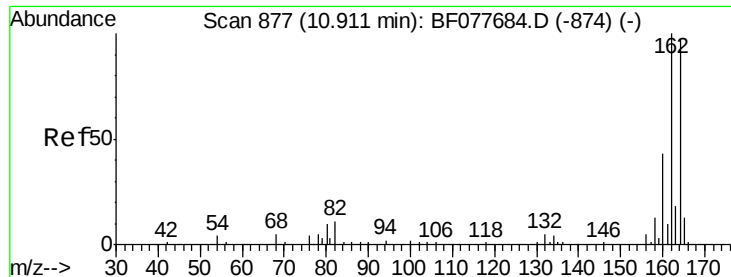
#32
 Benzoic acid
 Concen: 3.26 ng m
 RT: 8.40 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF078003.D
 Acq: 26 Mar 2015 18:59

Tgt Ion:122 Resp: 221
 Ion Ratio Lower Upper
 122 100
 105 110.6 99.9 139.9
 77 120.5 73.7 113.7#



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

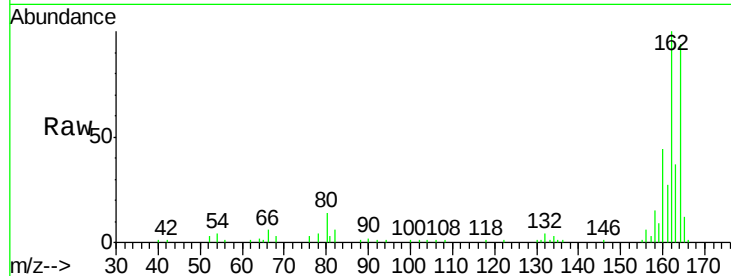




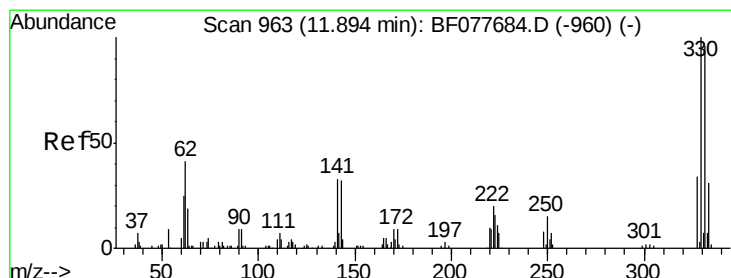
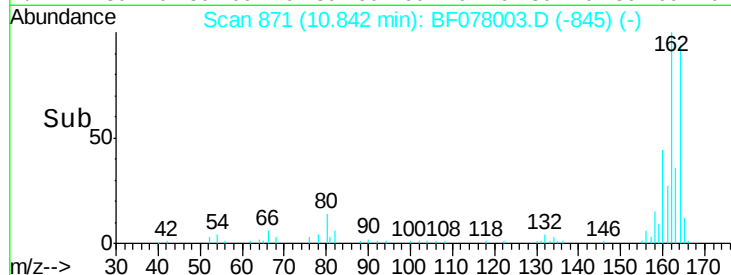
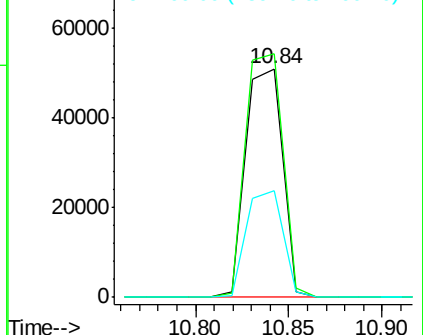
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078003.D
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 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:164 Resp: 69958
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.4 123.6
 160 46.6 35.8 53.6

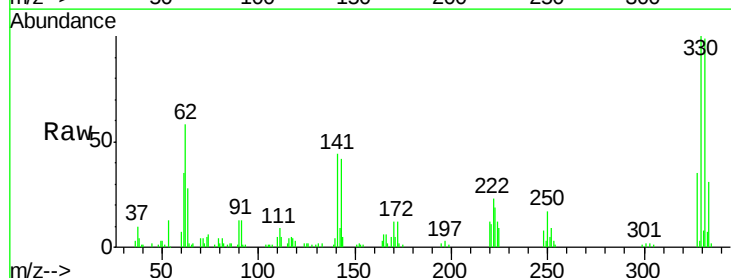


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

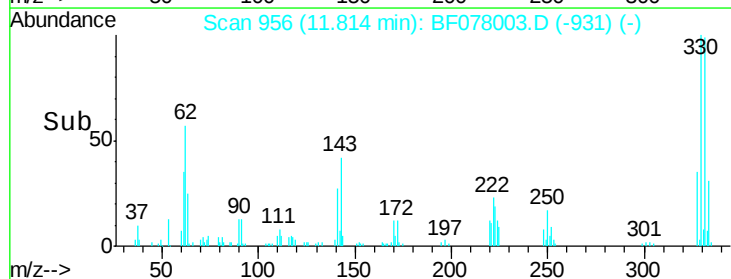
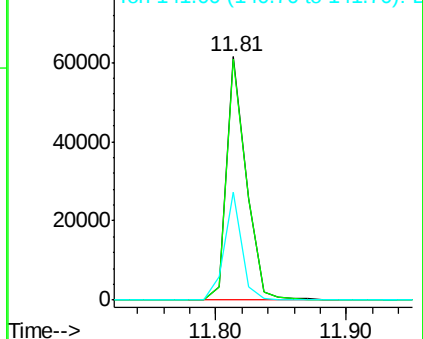


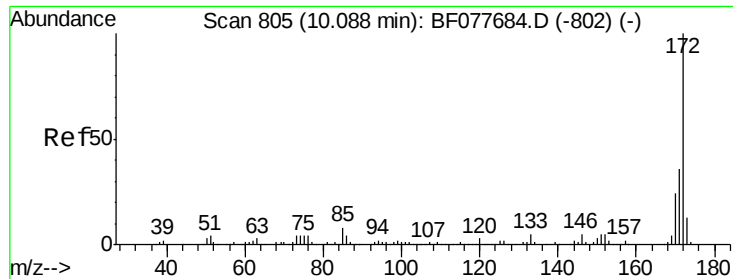
#41
 2,4,6-Tribromophenol
 Concen: 96.11 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078003.D
 Acq: 26 Mar 2015 18:59

Tgt Ion:330 Resp: 64331
 Ion Ratio Lower Upper
 330 100
 332 98.9 0.0 0.0#
 141 39.5 0.0 0.0#



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

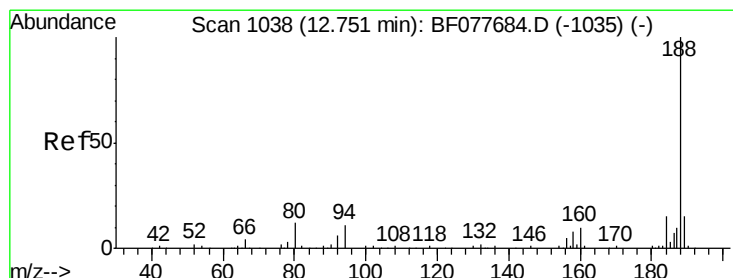
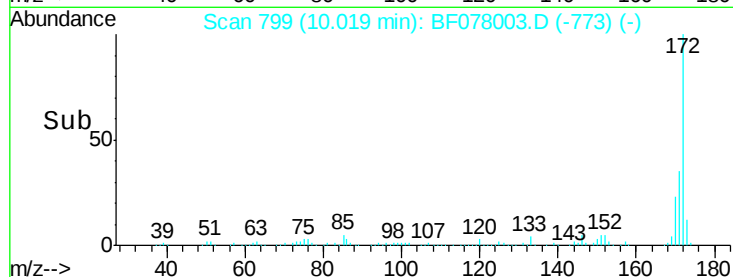
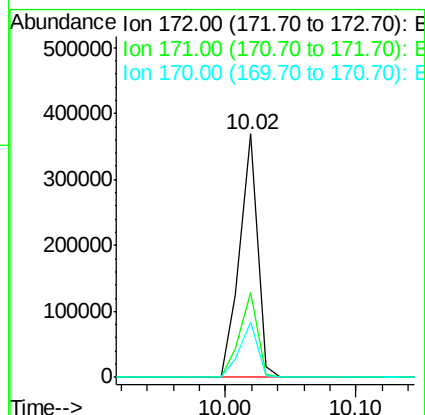
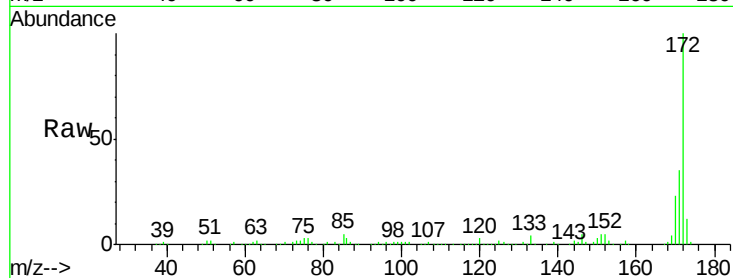




#44
 2-Fluorobiphenyl
 Concen: 73.90 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078003.D
 Acq: 26 Mar 2015 18:59

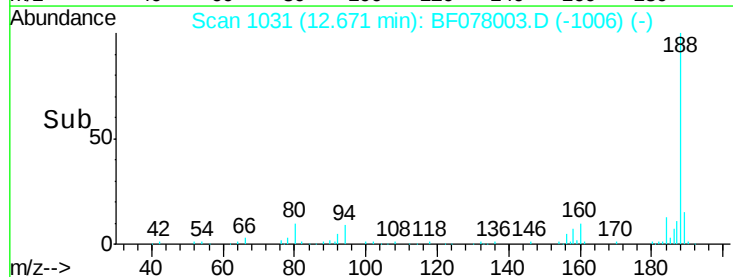
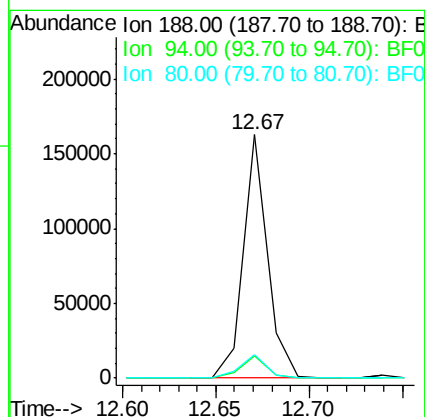
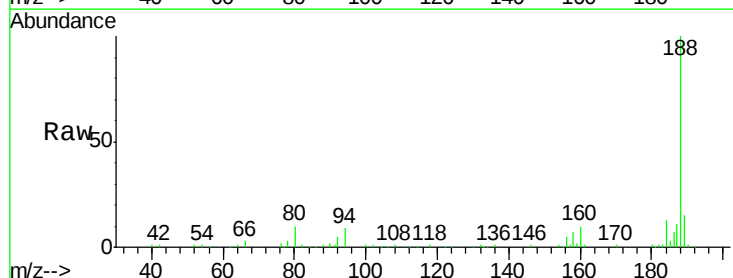
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 ClientSampleId :
 LOD-WATER2015-01

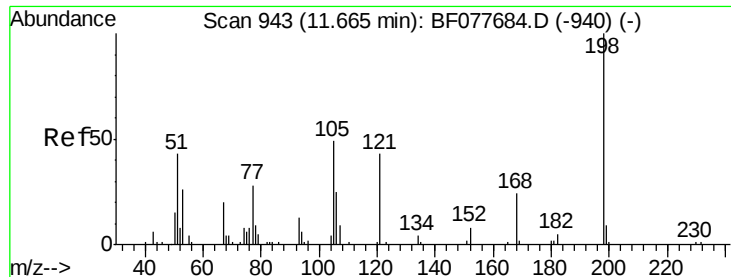
Tgt Ion:172 Resp: 351793
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 22.6 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF078003.D
 Acq: 26 Mar 2015 18:59

Tgt Ion:188 Resp: 147273
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.7 13.1
 80 9.6 9.3 13.9

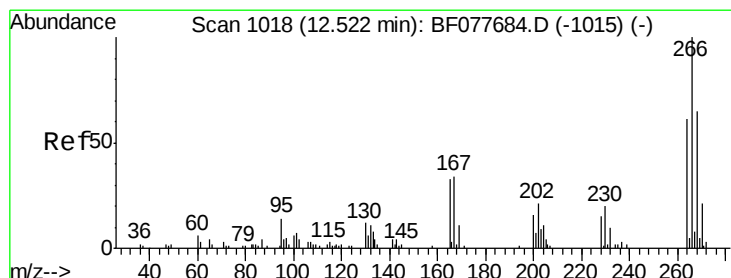
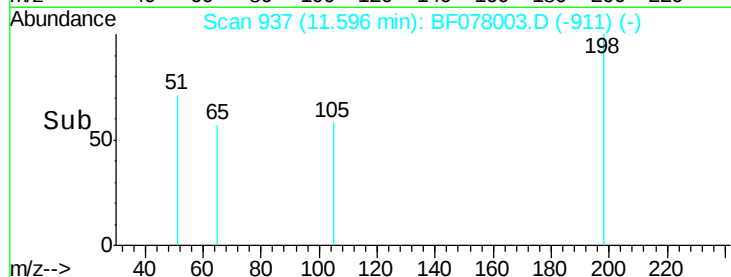
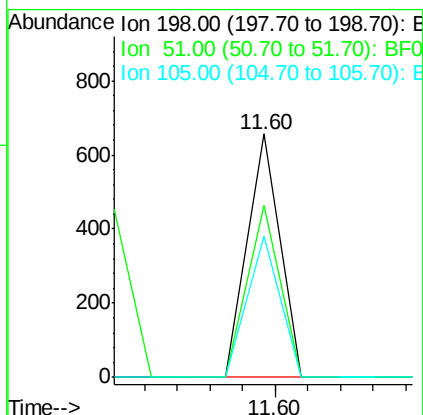
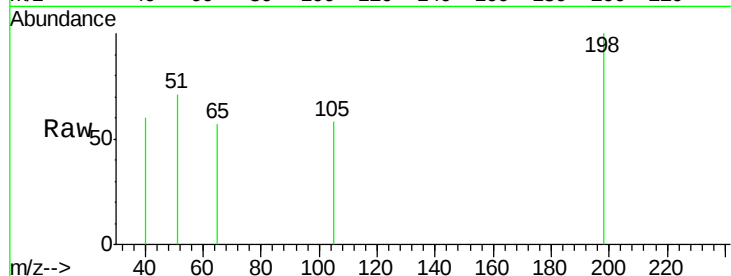




#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.89 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF078003.D
 Acq: 26 Mar 2015 18:59

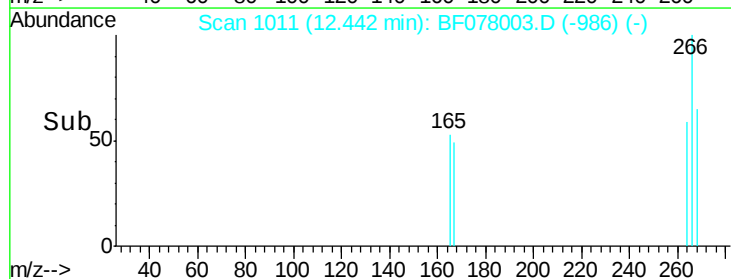
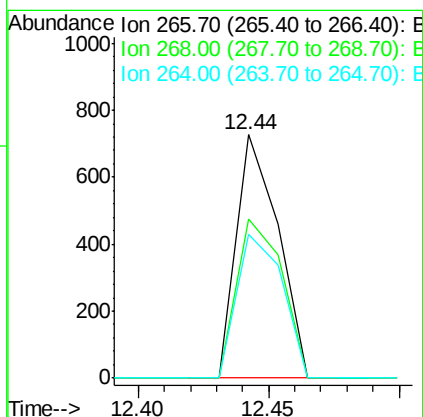
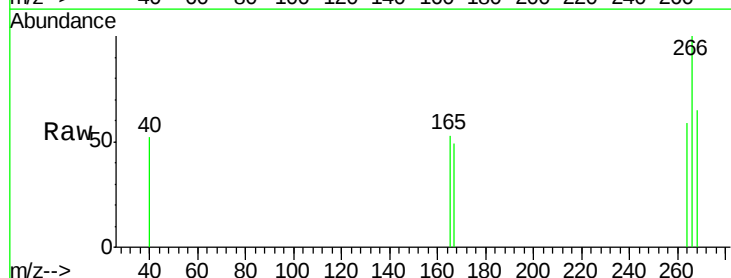
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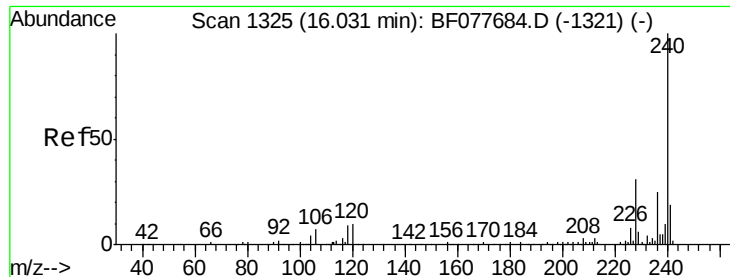
Tgt Ion:198 Resp: 451
 Ion Ratio Lower Upper
 198 100
 51 70.6 28.8 68.8#
 105 57.8 30.5 70.5



#69
 Pentachlorophenol
 Concen: 3.95 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078003.D
 Acq: 26 Mar 2015 18:59

Tgt Ion:266 Resp: 815
 Ion Ratio Lower Upper
 266 100
 268 65.2 52.0 78.0
 264 59.1 49.0 73.4

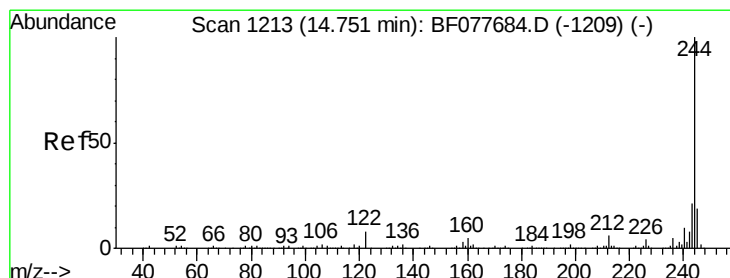
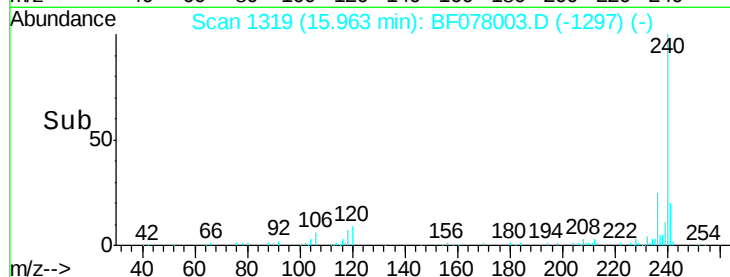
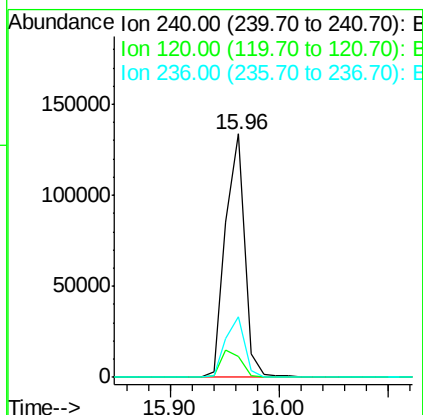
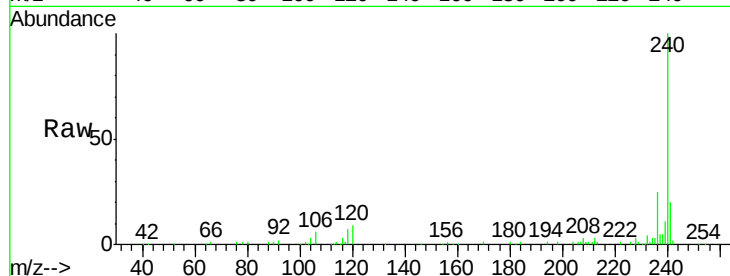




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF078003.D
Acq: 26 Mar 2015 18:59

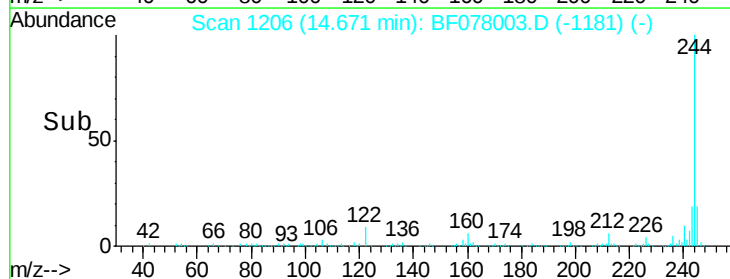
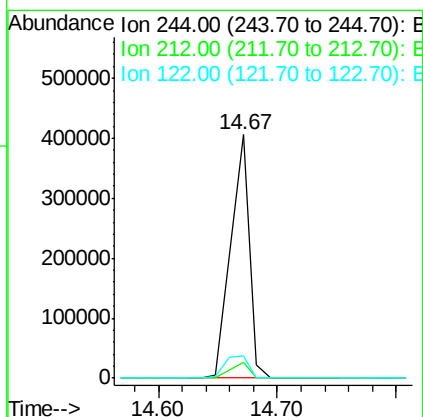
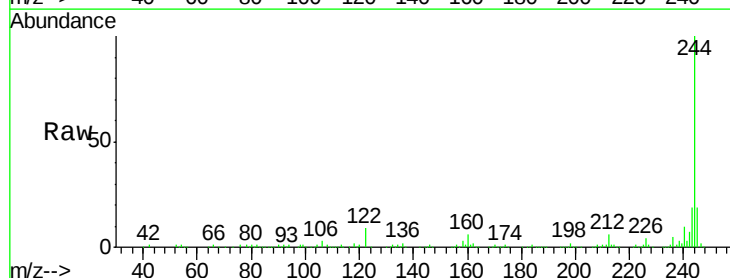
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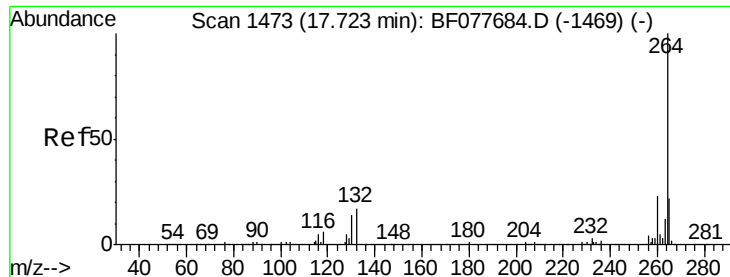
Tgt Ion: 240 Resp: 163983
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 25.1 20.0 30.0



#78
Terphenyl-d14
Concen: 65.52 ng
RT: 14.67 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF078003.D
Acq: 26 Mar 2015 18:59

Tgt Ion: 244 Resp: 439857
Ion Ratio Lower Upper
244 100
212 6.5 4.9 7.3
122 9.1 6.2 9.4

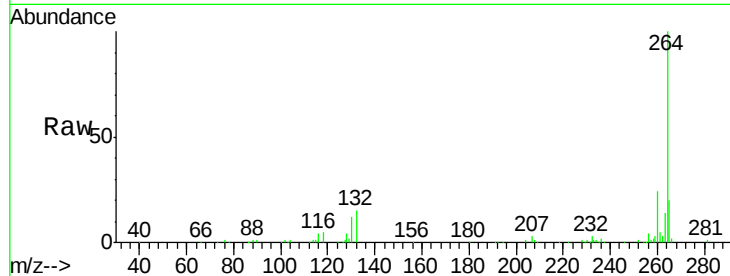




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.16 min
Lab File: BF078003.D
Acq: 26 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 264 Resp: 150475
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 20.5 17.3 25.9



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

