

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010215\
 Data File : BF076727.D
 Acq On : 2 Jan 2015 16:48
 Operator : IZ / TP
 Sample : G1001-05
 Misc : LOD-WATER-2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Jan 05 10:07:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 03 00:26:38 2015
 Response via : Initial Calibration

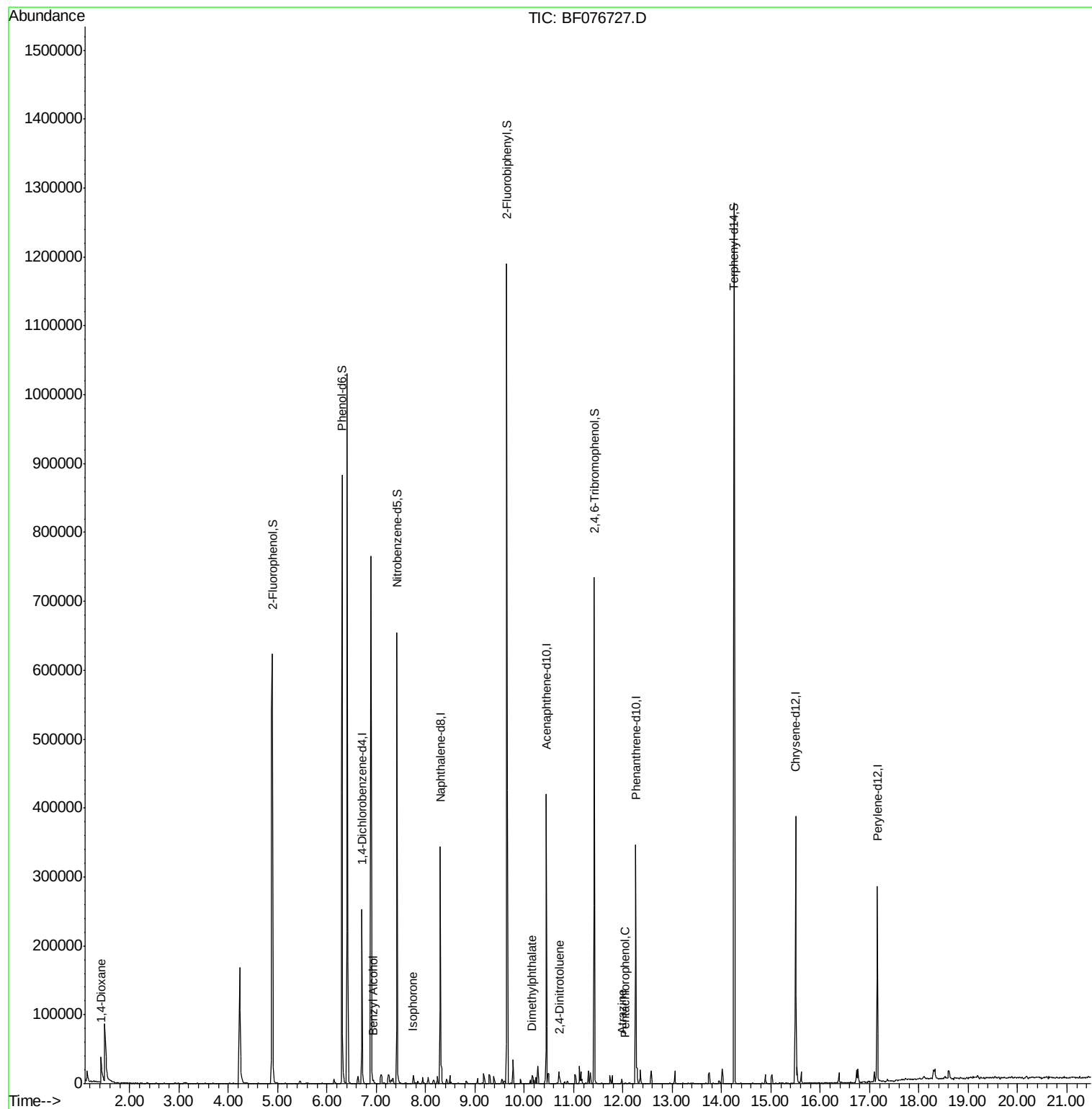
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	39054	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	165181	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	91905	20.00	ng	-0.01
63) Phenanthrene-d10	12.26	188	153501	20.00	ng	0.00
75) Chrysene-d12	15.50	240	148154	20.00	ng	-0.01
86) Perylene-d12	17.16	264	136886	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	259801	112.78	ng	0.01
7) Phenol-d6	6.31	99	333182	118.42	ng	0.00
23) Nitrobenzene-d5	7.42	82	194930	70.18	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	83583	107.60	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	391575	66.30	ng	-0.01
78) Terphenyl-d14	14.25	244	417580	62.17	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.43	88	777	0.79	ng	# 100
15) Benzyl Alcohol	6.94	79	2846	1.17	ng	# 87
25) Isophorone	7.75	82	6058	1.13	ng	97
49) Dimethylphthalate	10.16	163	8015	1.23	ng	# 93
56) 2,4-Dinitrotoluene	10.72	165	1755	0.99	ng	# 48
68) Atrazine	11.98	200	1609	1.00	ng	92
69) Pentachlorophenol	12.05	266	473	0.55	ng	# 51

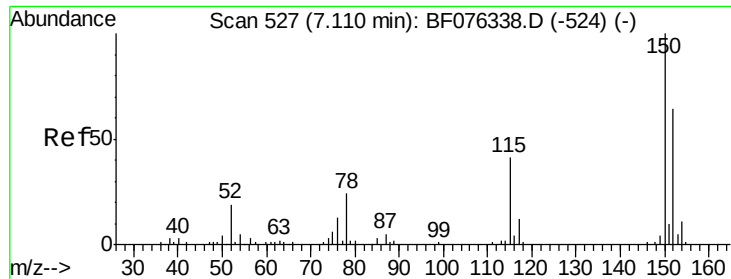
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
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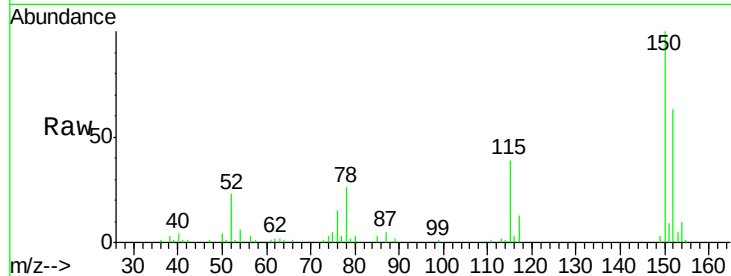


#1

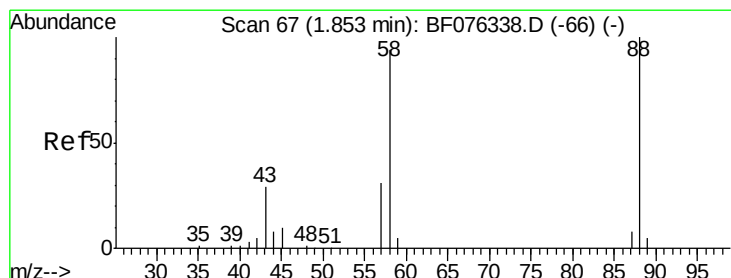
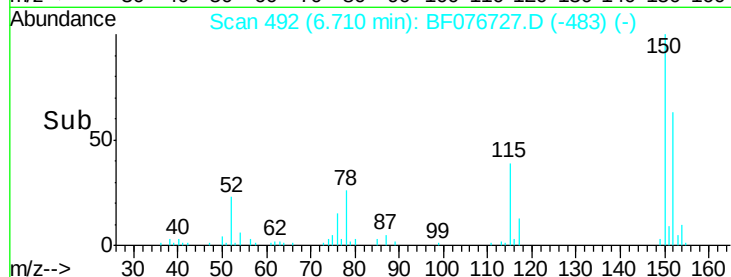
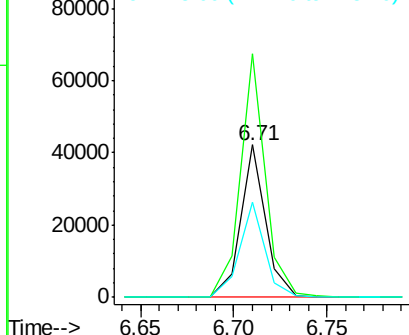
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF076727.D
Acq: 2 Jan 2015 16:48

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tot Ion:152 Resp: 39054
Ion Ratio Lower Upper
152 100
150 159.5 125.2 187.8
115 62.7 51.4 77.0



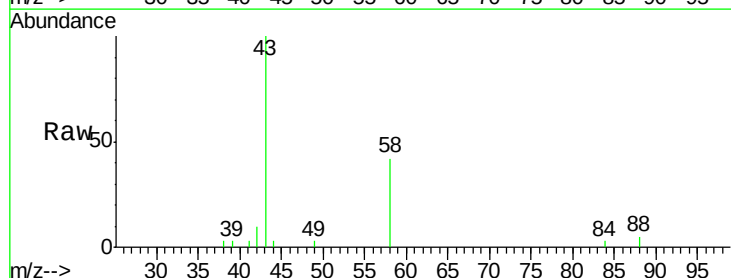
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



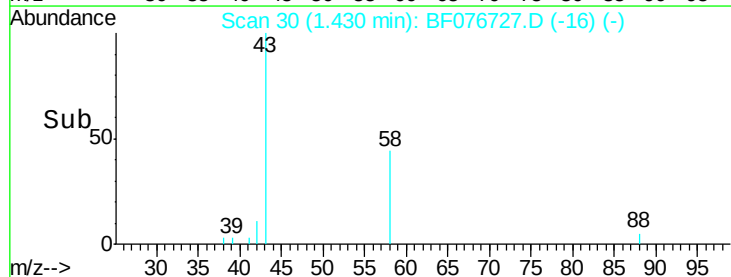
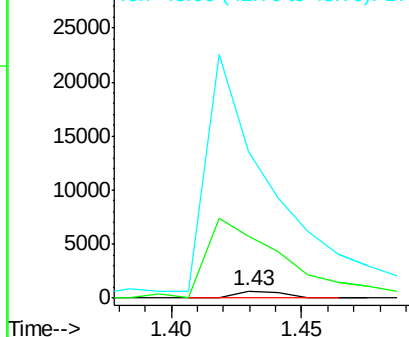
#2

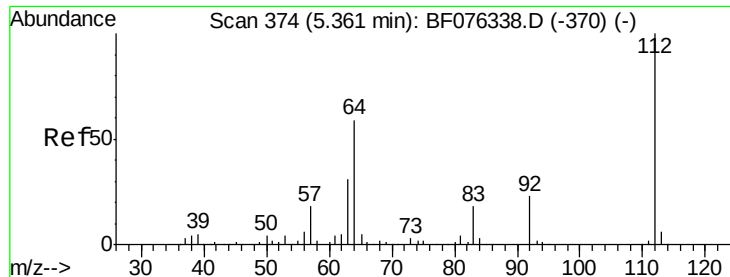
1,4-Dioxane
Concen: 0.79 ng
RT: 1.43 min Scan# 30
Delta R.T. 0.06 min
Lab File: BF076727.D
Acq: 2 Jan 2015 16:48

Tgt Ion: 88 Resp: 777
Ion Ratio Lower Upper
88 100
58 2236.9 0.0 0.0#
43 5513.6 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 112.78 ng

RT: 4.89 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF076727.D

Acq: 2 Jan 2015 16:48

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

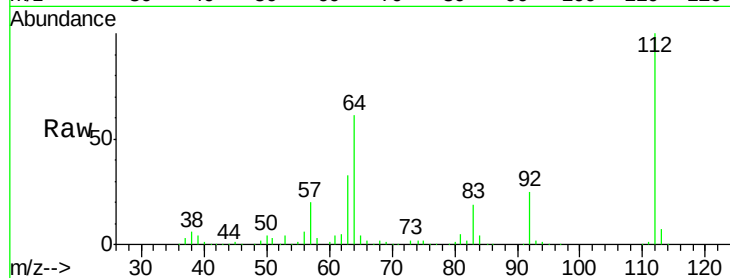
Tot Ion:112 Resp: 259801

Ion Ratio Lower Upper

112 100

64 61.0 47.4 71.0

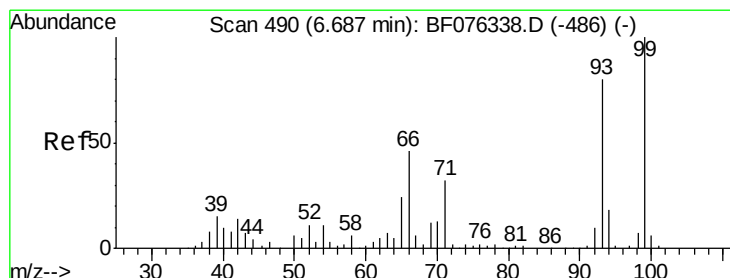
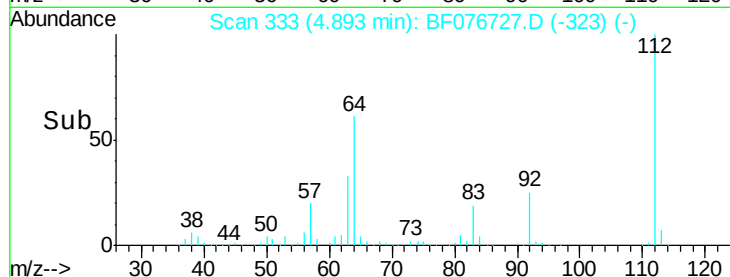
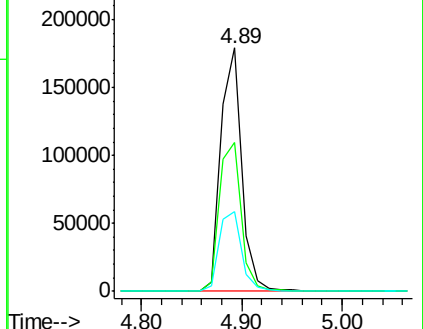
63 32.8 25.0 37.4



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: 118.42 ng

RT: 6.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF076727.D

Acq: 2 Jan 2015 16:48

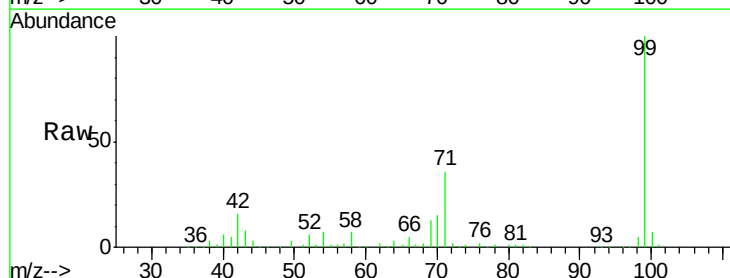
Tgt Ion: 99 Resp: 333182

Ion Ratio Lower Upper

99 100

42 16.0 11.6 17.4

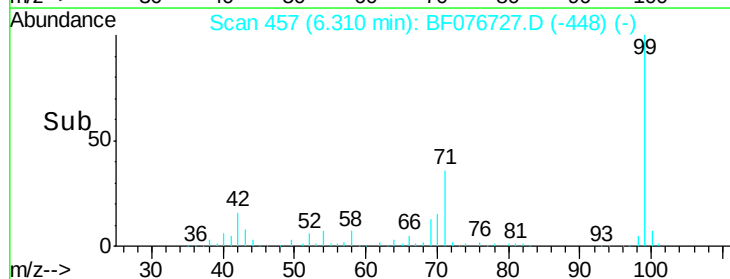
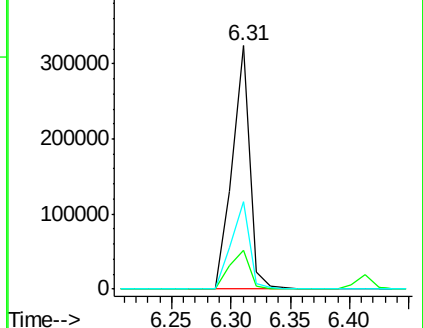
71 36.0 25.9 38.9

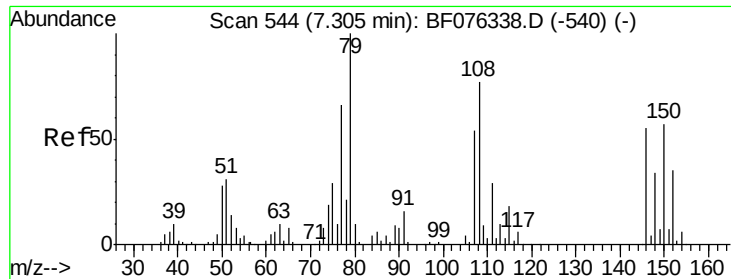


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

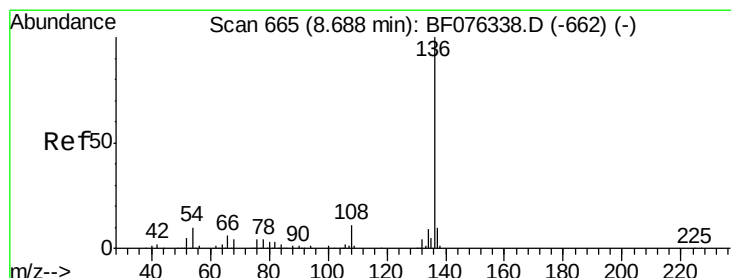
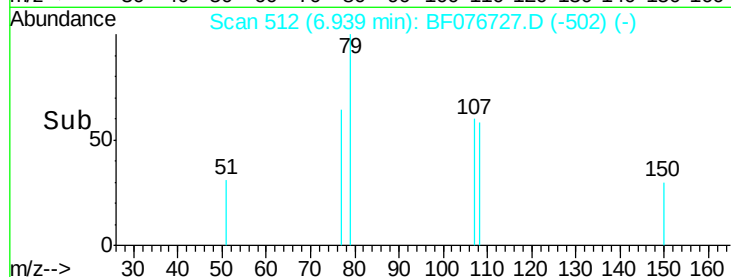
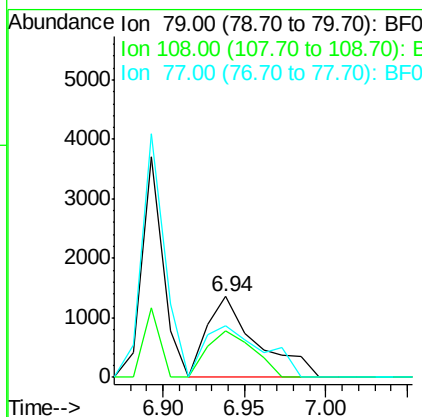
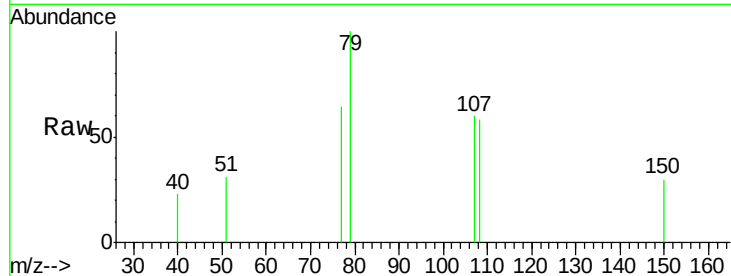




#15
Benzyl Alcohol
Concen: 1.17 ng
RT: 6.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF076727.D
Acq: 2 Jan 2015 16:48

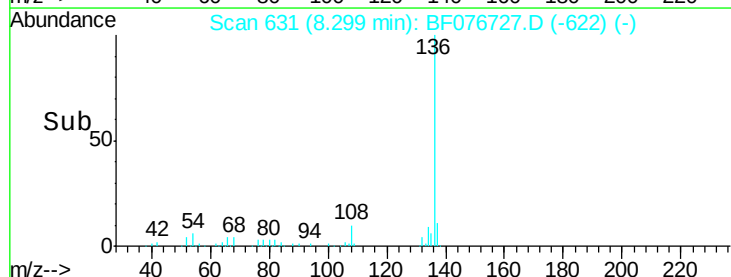
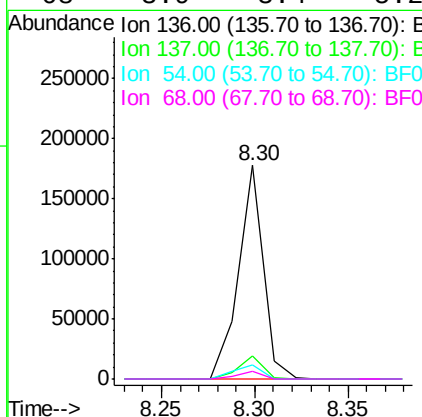
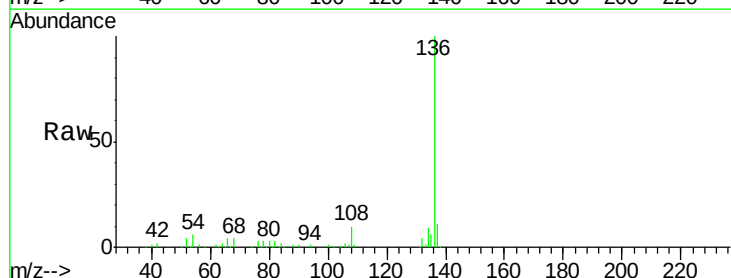
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

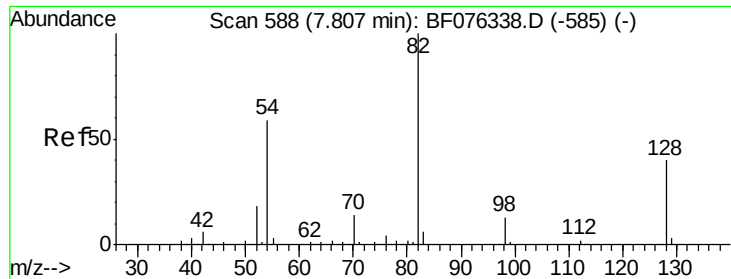
Tot Ion: 79 Resp: 2846
Ion Ratio Lower Upper
79 100
108 58.5 62.0 93.0#
77 64.2 53.0 79.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF076727.D
Acq: 2 Jan 2015 16:48

Tgt Ion: 136 Resp: 165181
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 6.5 7.8 11.6#
68 3.9 3.4 5.2

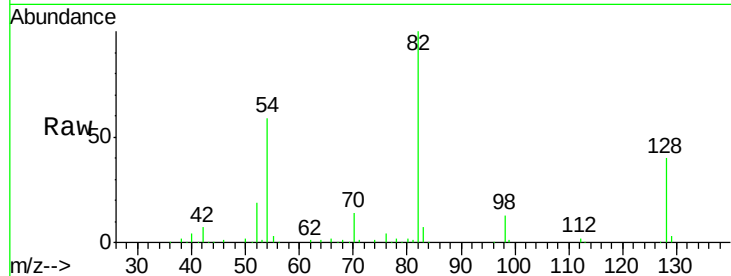




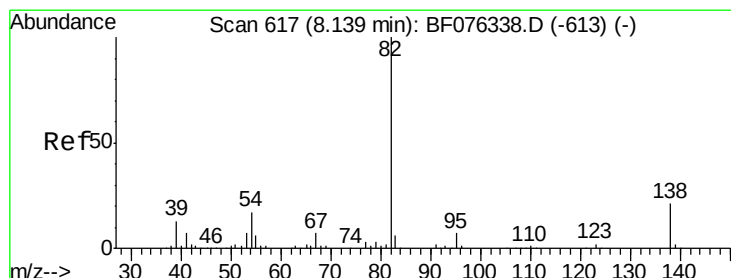
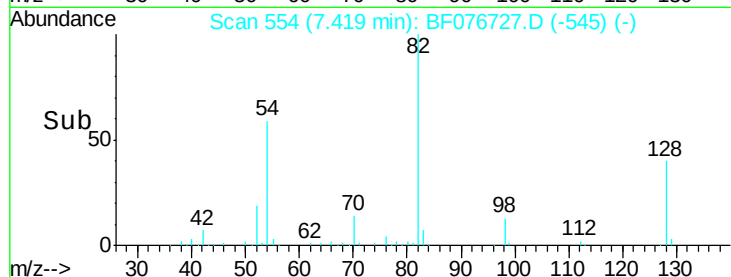
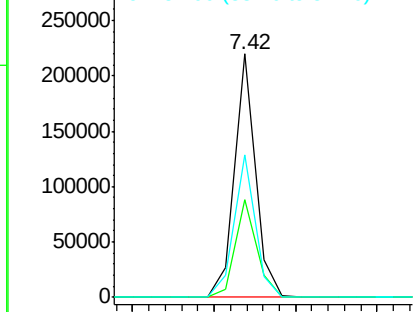
#23
Nitrobenzene-d5
Concen: 70.18 ng
RT: 7.42 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF076727.D
Acq: 2 Jan 2015 16:48

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tot Ion: 82 Resp: 194930
Ion Ratio Lower Upper
82 100
128 40.3 31.9 47.9
54 58.8 47.2 70.8

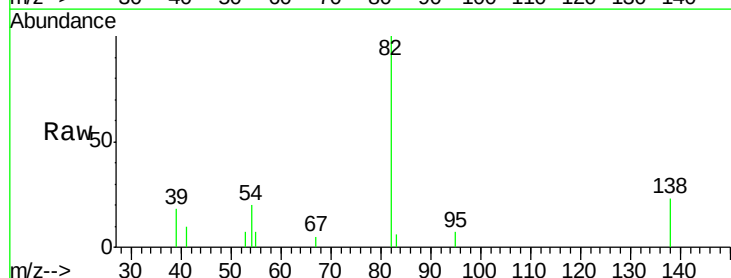


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

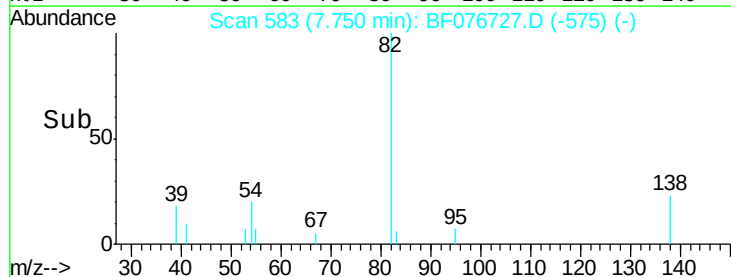
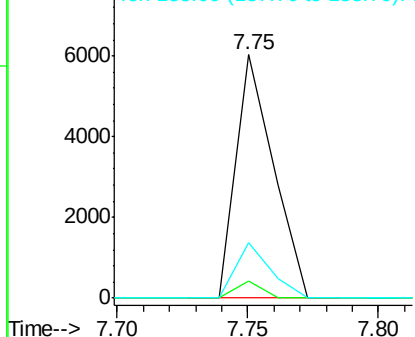


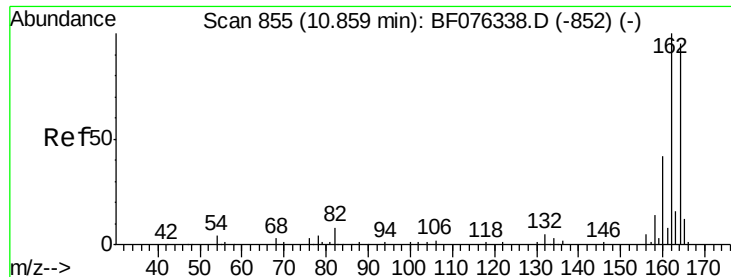
#25
Isophorone
Concen: 1.13 ng
RT: 7.75 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF076727.D
Acq: 2 Jan 2015 16:48

Tgt Ion: 82 Resp: 6058
Ion Ratio Lower Upper
82 100
95 7.0 5.9 8.9
138 22.7 16.6 25.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

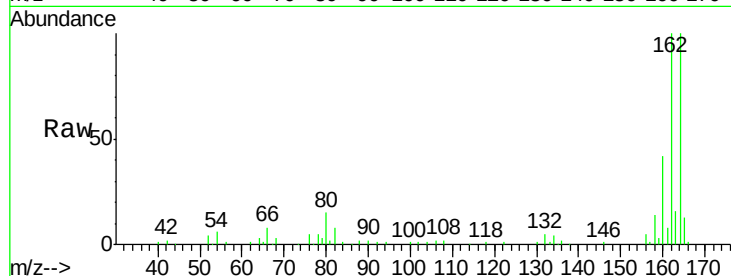




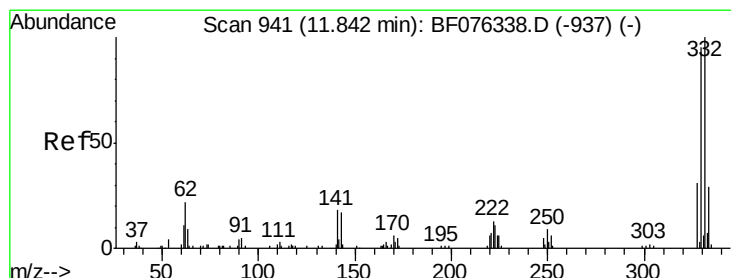
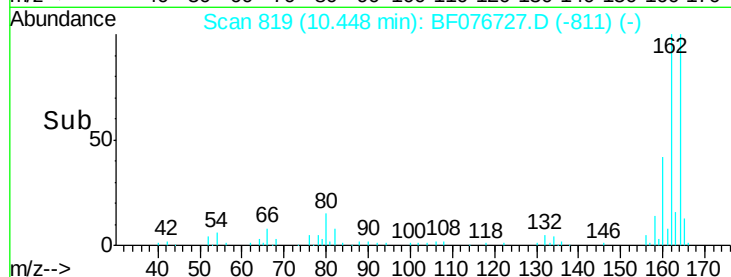
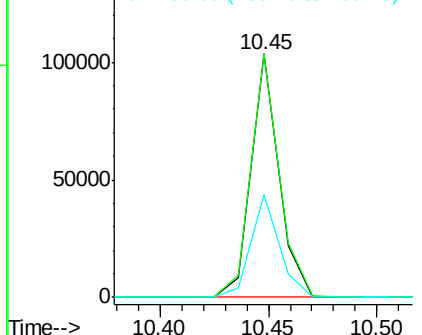
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF076727.D
 Acq: 2 Jan 2015 16:48

Instrument :
 BNA_F
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 LOD-WATER2015-01

Tot Ion:164 Resp: 91905
 Ion Ratio Lower Upper
 164 100
 162 99.9 84.2 126.2
 160 42.5 35.5 53.3

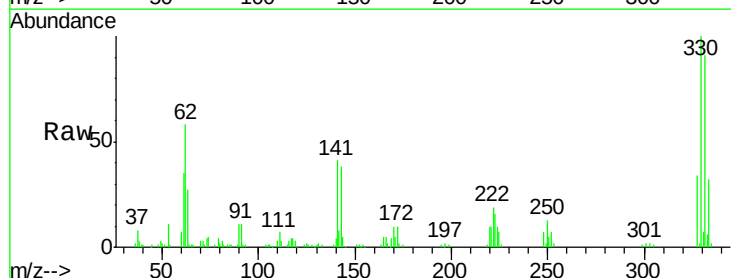


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

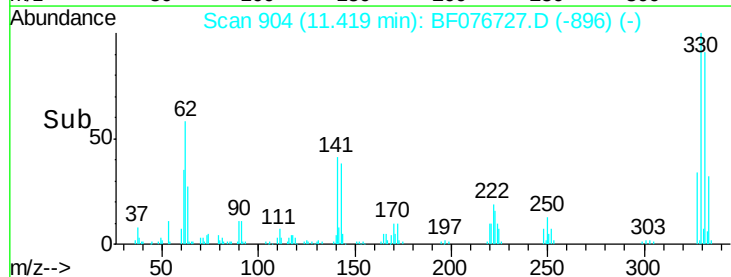
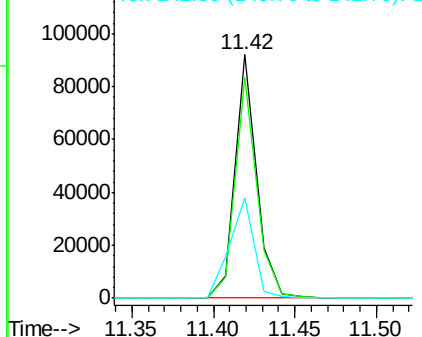


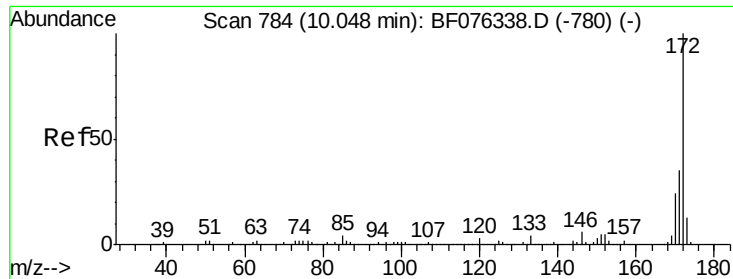
#41
 2,4,6-Tribromophenol
 Concen: 107.60 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF076727.D
 Acq: 2 Jan 2015 16:48

Tgt Ion:330 Resp: 83583
 Ion Ratio Lower Upper
 330 100
 332 91.7 0.0 0.0#
 141 46.9 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

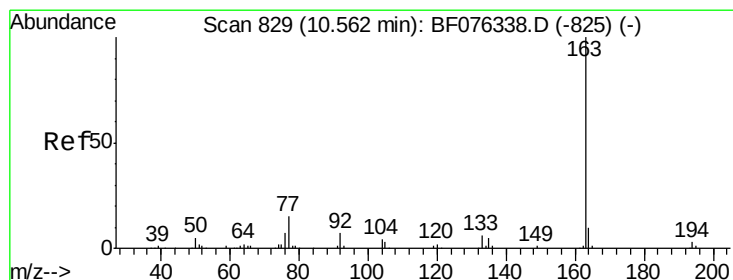
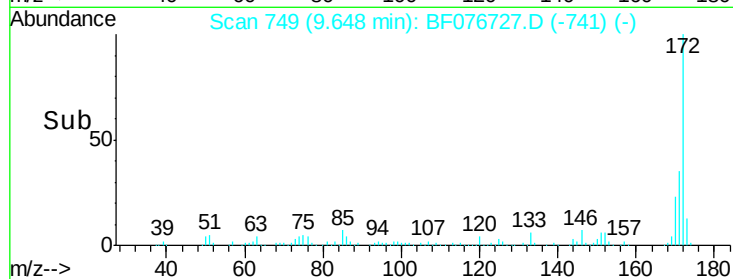
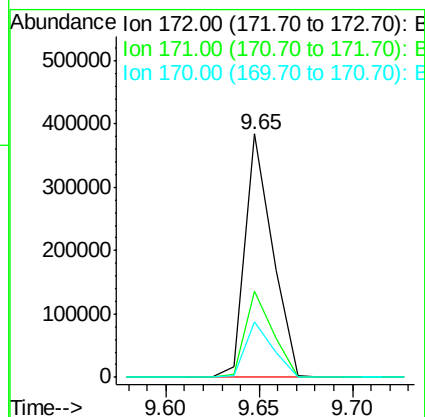
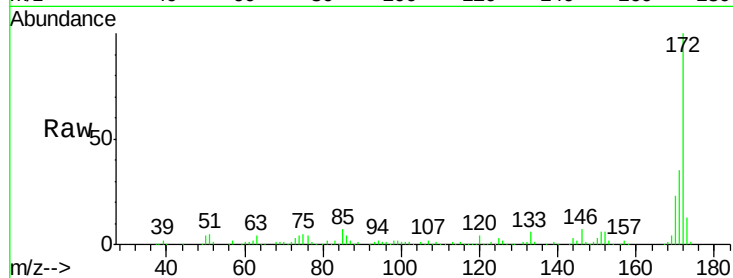




#44
2-Fluorobiphenyl
Concen: 66.30 ng
RT: 9.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF076727.D
Acq: 2 Jan 2015 16:48

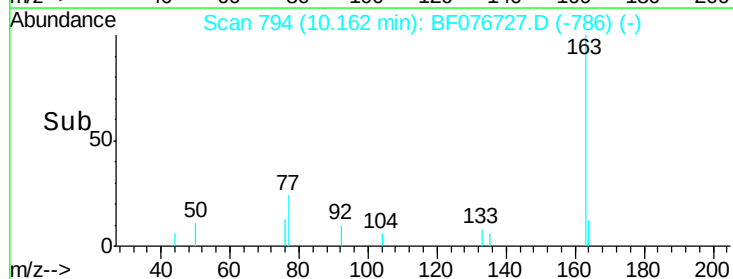
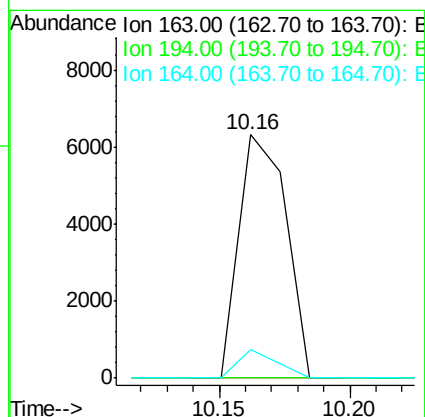
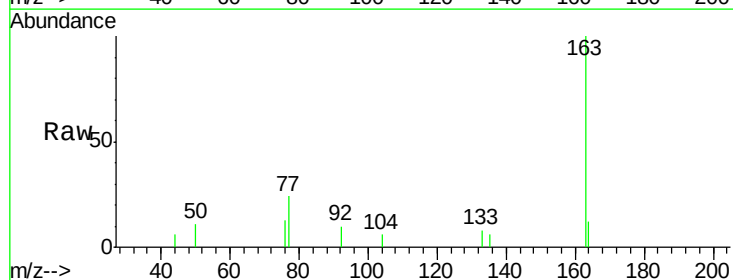
Instrument :
BNA_F
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LOD-WATER2015-01

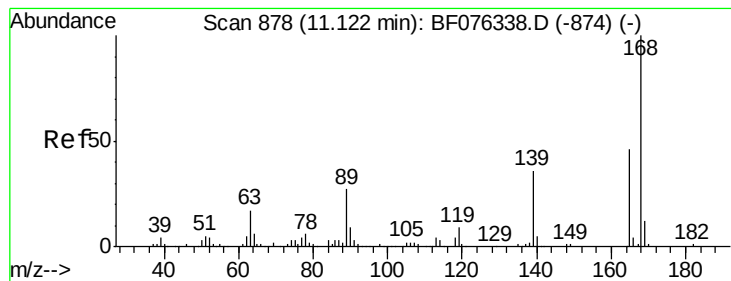
Tot Ion:172 Resp: 391575
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 22.8 19.0 28.4



#49
Dimethylphthalate
Concen: 1.23 ng
RT: 10.16 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF076727.D
Acq: 2 Jan 2015 16:48

Tgt Ion:163 Resp: 8015
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 11.6 7.7 11.5#





#56

2,4-Dinitrotoluene

Concen: 0.99 ng

RT: 10.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF076727.D

Acq: 2 Jan 2015 16:48

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

Tot Ion:165 Resp: 1755

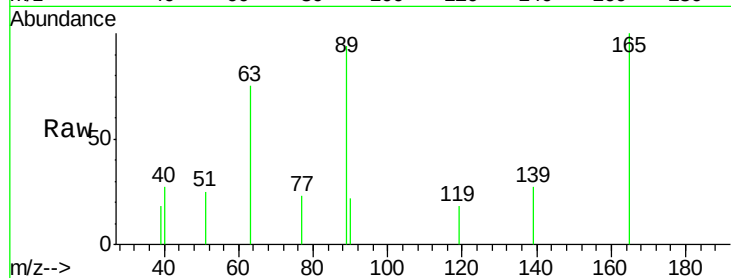
Ion Ratio Lower Upper

165 100

63 74.7 30.2 45.2#

89 94.1 46.8 70.2#

182 0.0 1.8 2.6#



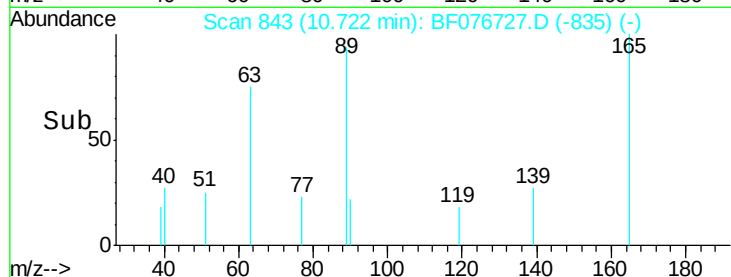
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

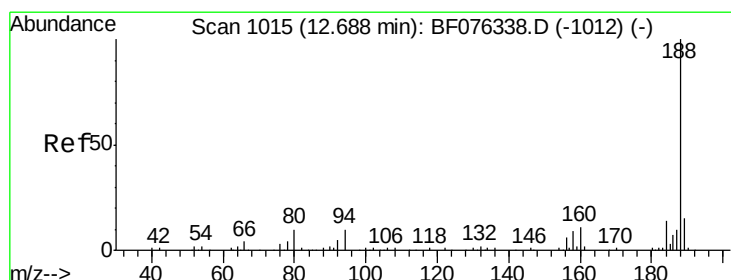
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.26 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF076727.D

Acq: 2 Jan 2015 16:48

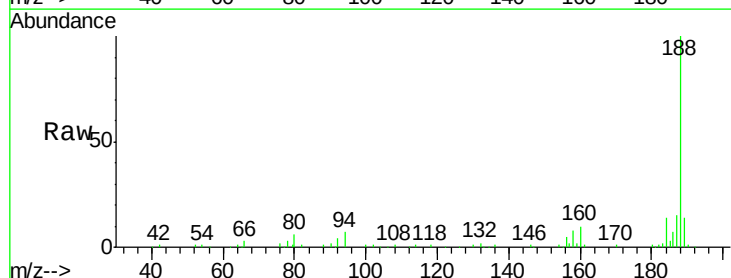
Tgt Ion:188 Resp: 153501

Ion Ratio Lower Upper

188 100

94 6.7 7.9 11.9#

80 6.5 8.2 12.2#

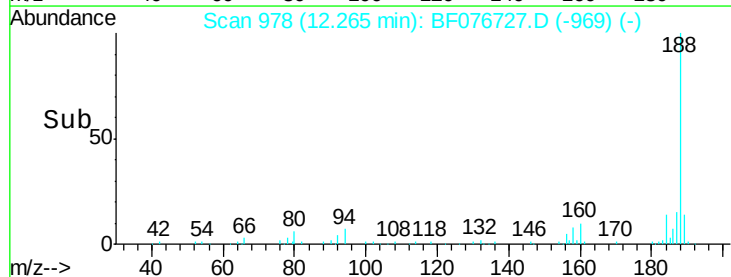


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



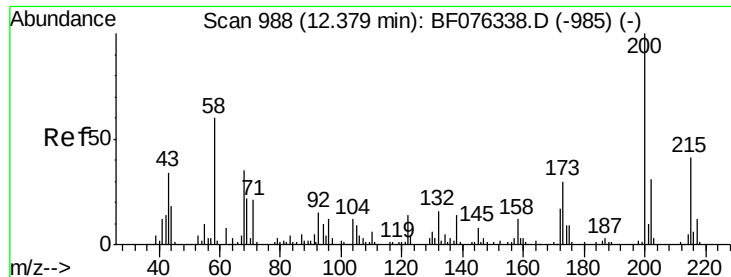
Abundance

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

Time-->



#68

Atrazine

Concen: 1.00 ng

RT: 11.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF076727.D

Acq: 2 Jan 2015 16:48

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

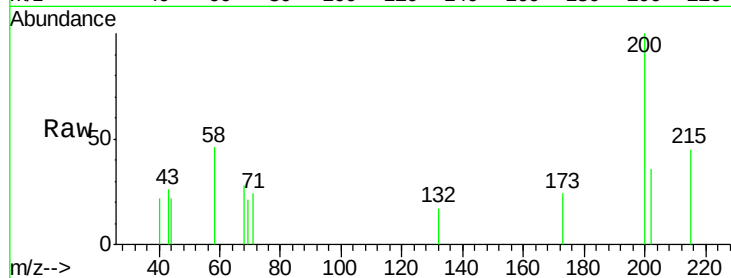
Tot Ion:200 Resp: 1609

Ion Ratio Lower Upper

200 100

173 24.1 10.0 50.0

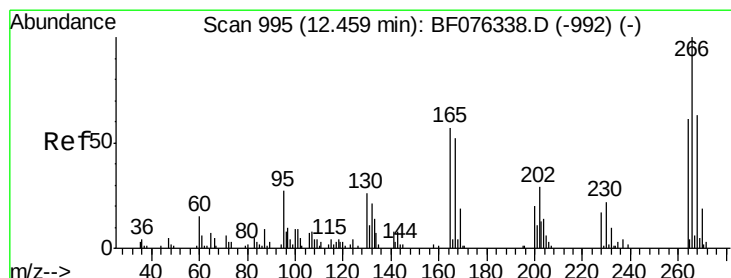
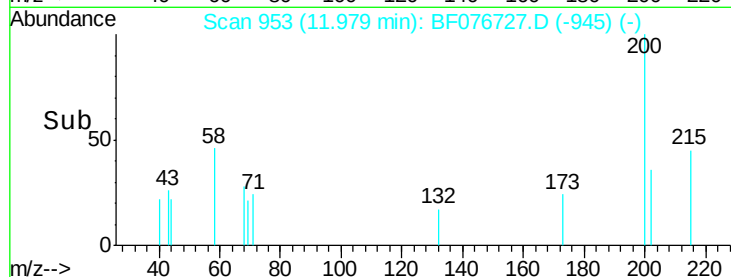
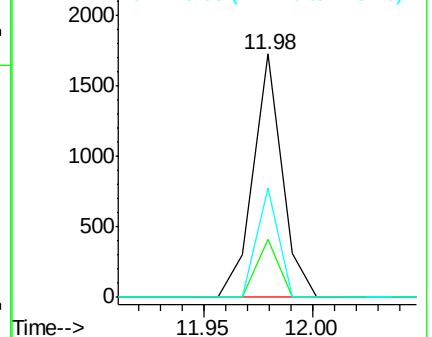
215 44.8 21.4 61.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.55 ng

RT: 12.05 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF076727.D

Acq: 2 Jan 2015 16:48

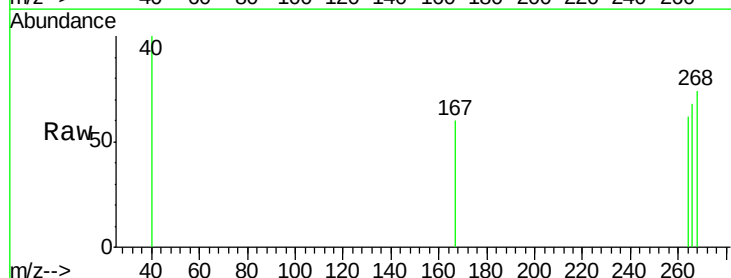
Tgt Ion:266 Resp: 473

Ion Ratio Lower Upper

266 100

268 108.7 50.7 76.1#

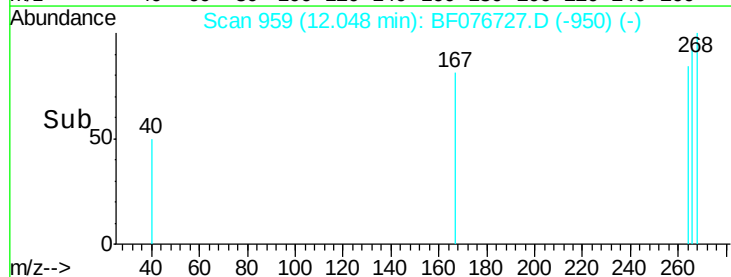
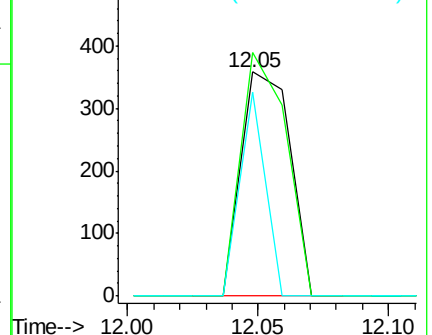
264 91.1 48.7 73.1#

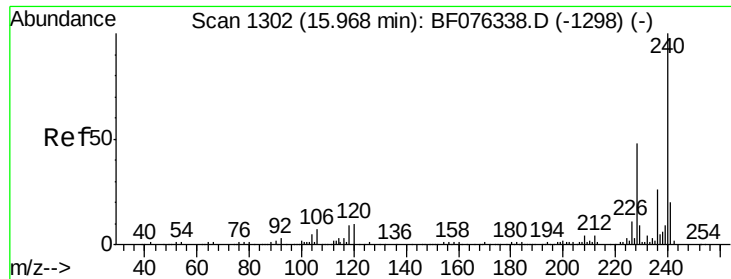


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

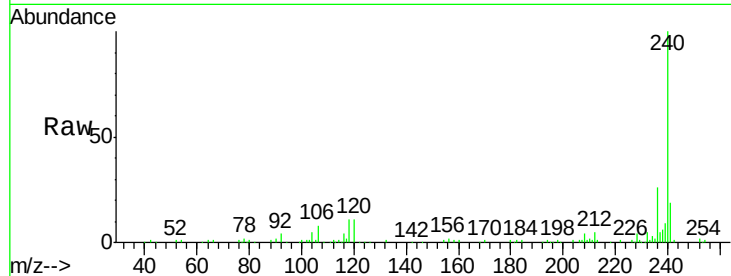




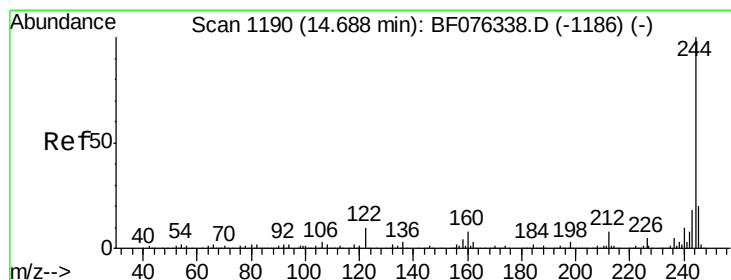
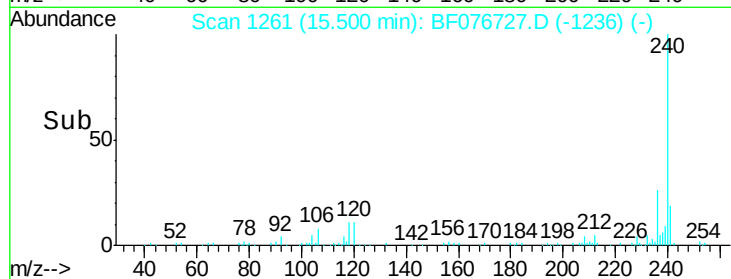
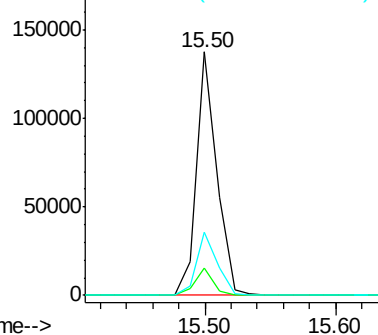
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF076727.D
 Acq: 2 Jan 2015 16:48

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:240 Resp: 148154
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.0 12.0
 236 26.0 20.6 30.8

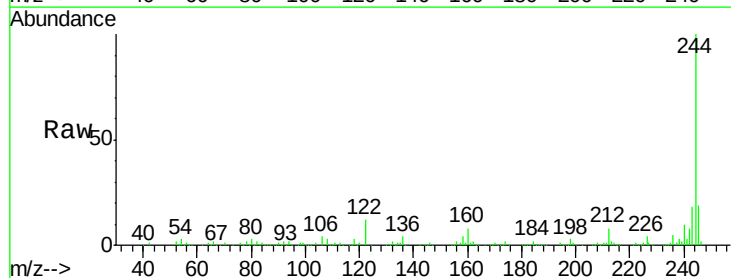


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

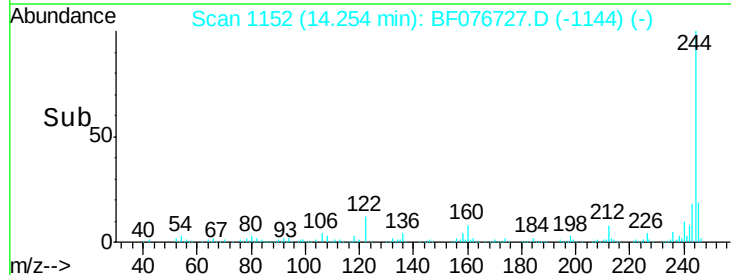
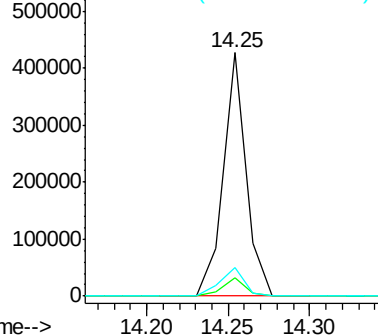


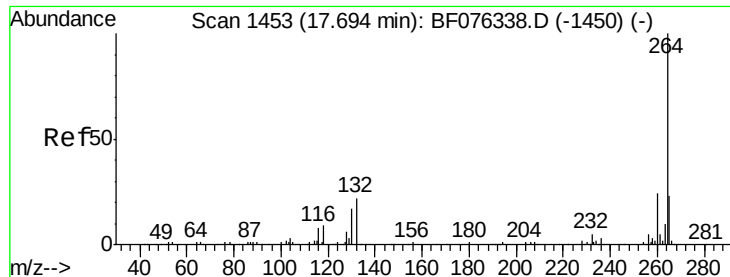
#78
 Terphenyl-d14
 Concen: 62.17 ng
 RT: 14.25 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF076727.D
 Acq: 2 Jan 2015 16:48

Tgt Ion:244 Resp: 417580
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.9 8.2 12.2



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
Pervlene-d12
Concen: 20.00 ng
RT: 17.16 min Scan# 1406
Delta R.T. -0.06 min
Lab File: BF076727.D
Acq: 2 Jan 2015 16:48

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tot Ion:264 Resp: 136886

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.2
265	20.8	18.1	27.1

