

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091121.D
 Acq On : 9 Nov 2016 10:07
 Operator : UM/SJ
 Sample : H5547-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-8

Quant Time: Nov 09 10:36:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

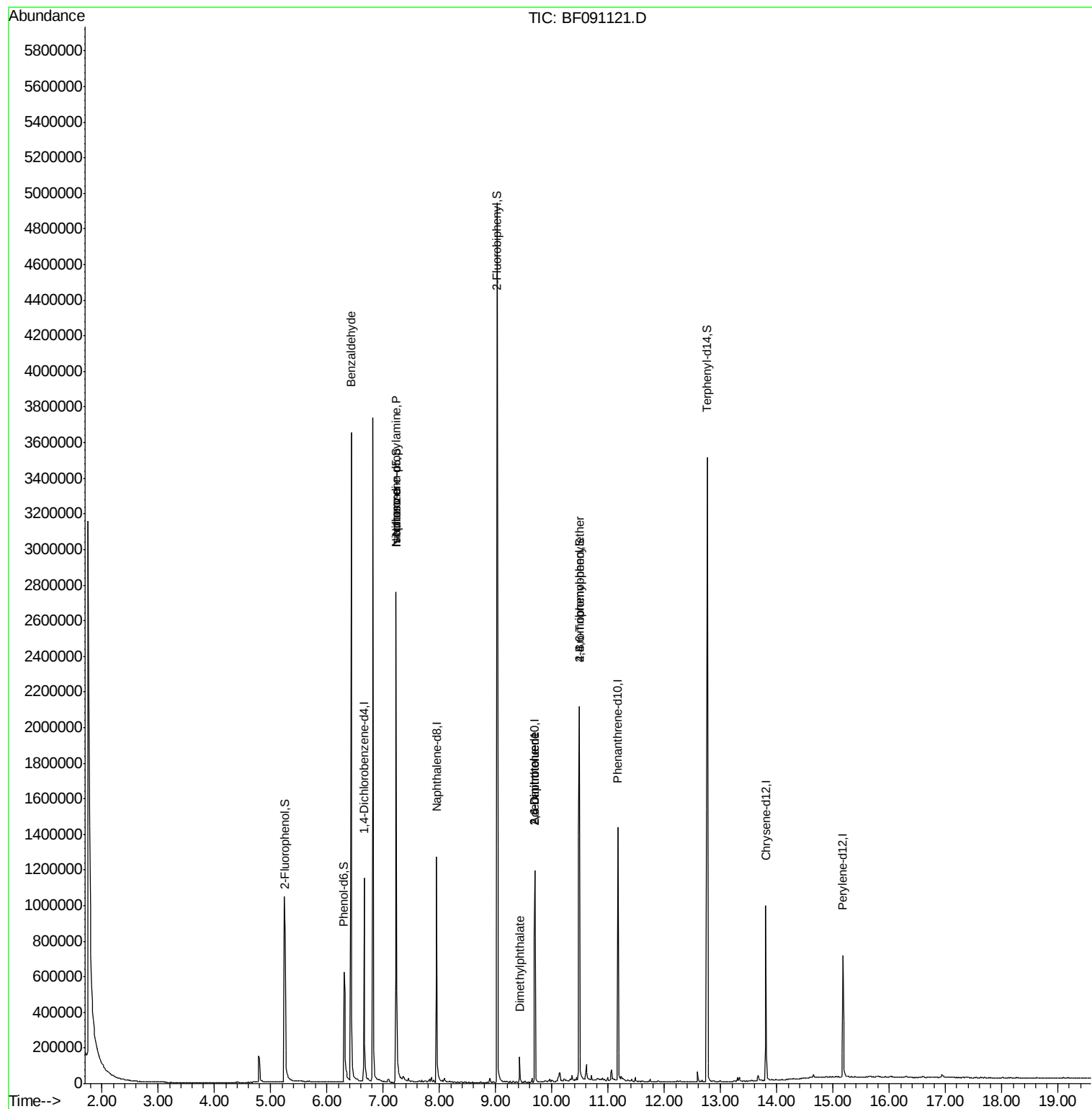
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177319	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	709339	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	324987	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	459920	20.00	ng	0.00
75) Chrysene-d12	13.80	240	328480	20.00	ng	-0.01
86) Perylene-d12	15.17	264	283643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	459013	42.75	ng	0.01
7) Phenol-d6	6.30	99	363920	24.97	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1051958	80.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	323107	109.97	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1649583	87.39	ng	-0.01
78) Terphenyl-d14	12.76	244	1176089	89.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	25033	3.09	ng	87
19) n-Nitroso-di-n-propylamine	7.23	70	145334	14.39	ng	# 78
25) Isophorone	7.23	82	882418	35.22	ng	# 67
49) Dimethylphthalate	9.42	163	57493	2.70	ng	97
50) 2,6-Dinitrotoluene	9.70	165	41029	8.98	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	41031	7.06	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	22137	4.63	ng	# 1

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

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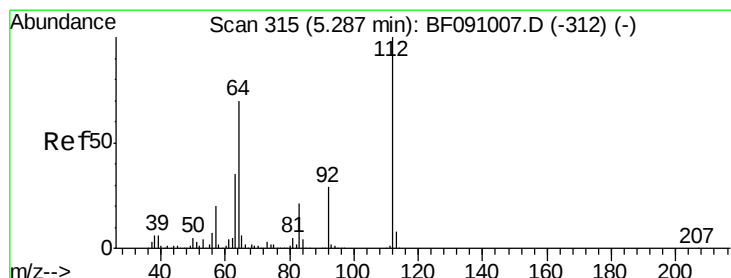
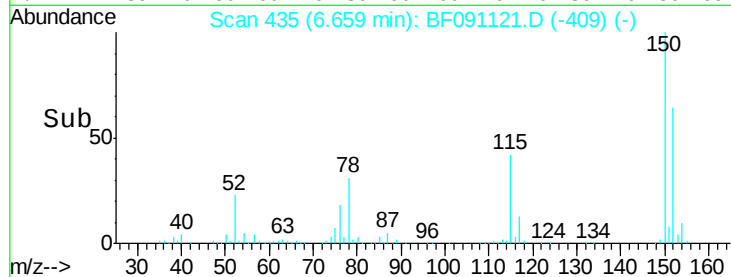
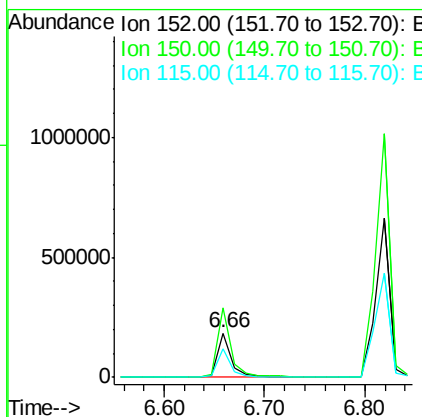
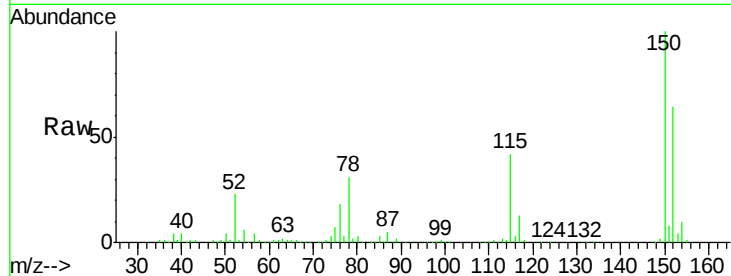


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-8

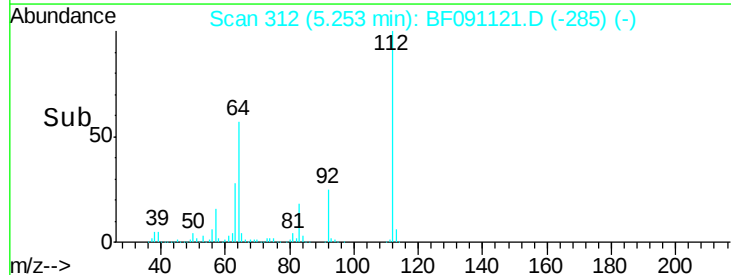
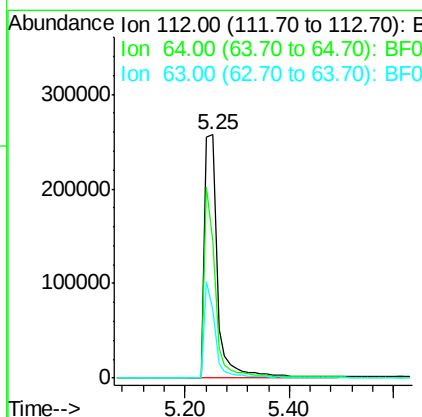
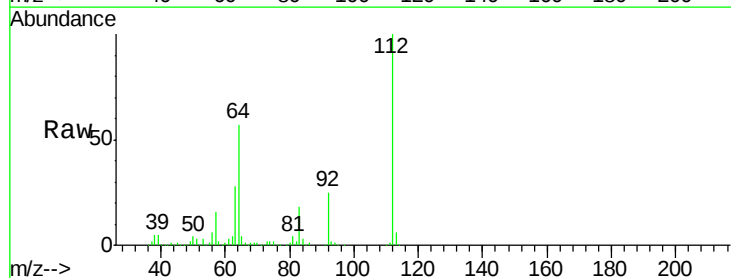
Tgt Ion:152 Resp: 177319
Ion Ratio Lower Upper
152 100
150 157.1 126.8 190.2
115 65.6 53.3 79.9



#5

2-Fluorophenol
Concen: 42.75 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Tgt Ion:112 Resp: 459013
Ion Ratio Lower Upper
112 100
64 56.5 55.8 83.6
63 28.3 28.0 42.0





#7

Phenol-d6

Concen: 24.97 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091121.D

Acq: 9 Nov 2016 10:07

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-8

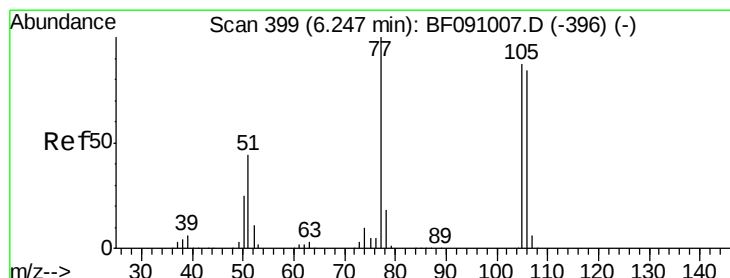
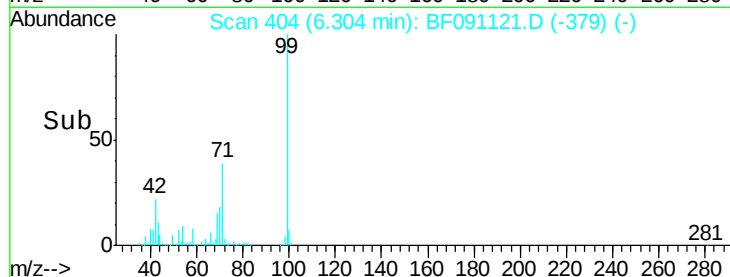
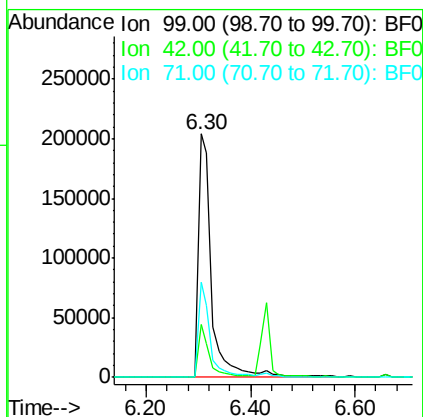
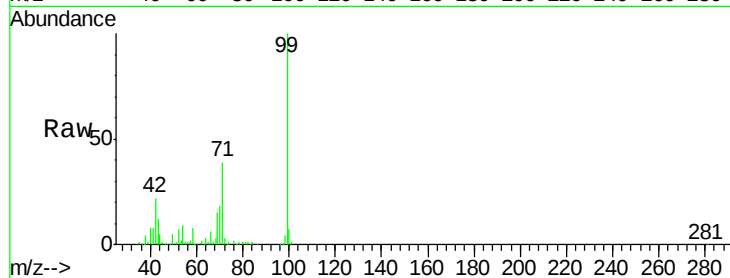
Tgt Ion: 99 Resp: 363920

Ion Ratio Lower Upper

99 100

42 21.8 13.9 20.9#

71 39.3 27.8 41.8



#9

Benzaldehyde

Concen: 3.09 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091121.D

Acq: 9 Nov 2016 10:07

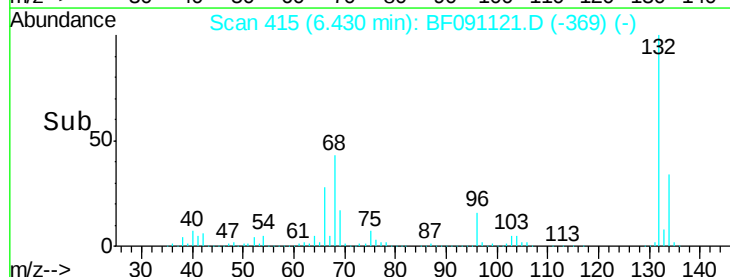
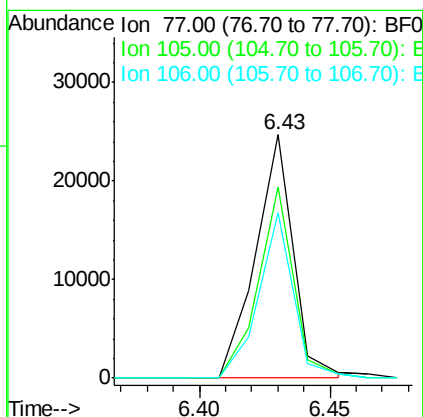
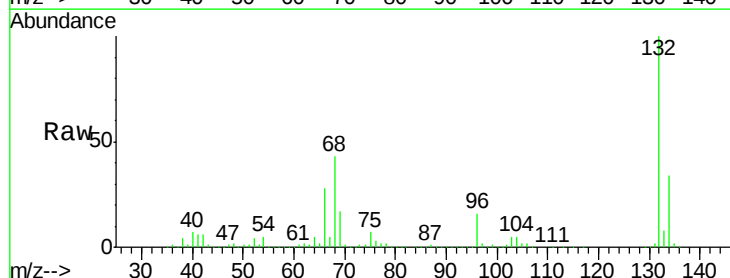
Tgt Ion: 77 Resp: 25033

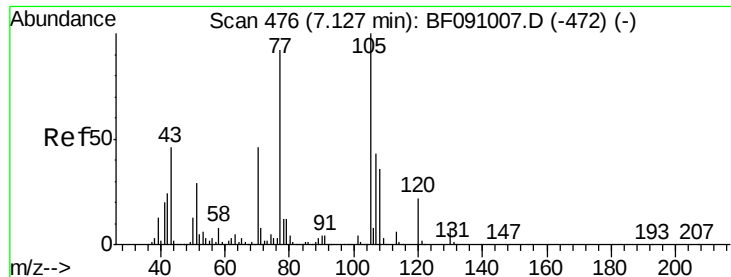
Ion Ratio Lower Upper

77 100

105 78.4 66.8 106.8

106 68.1 64.0 104.0

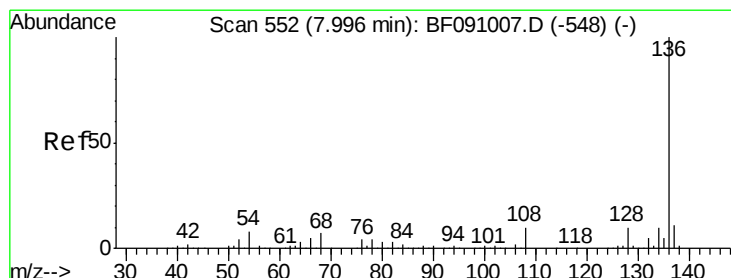
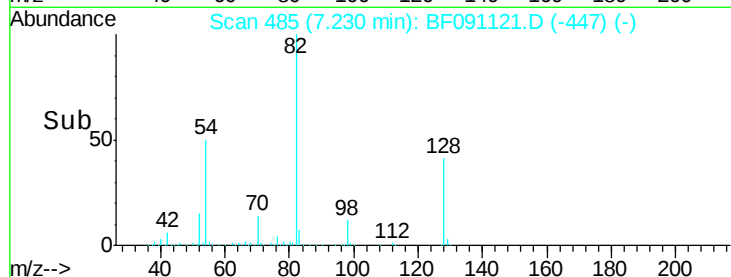
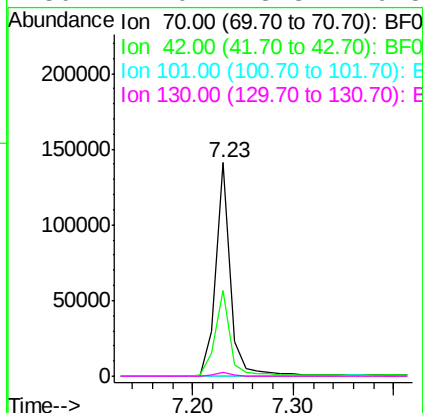
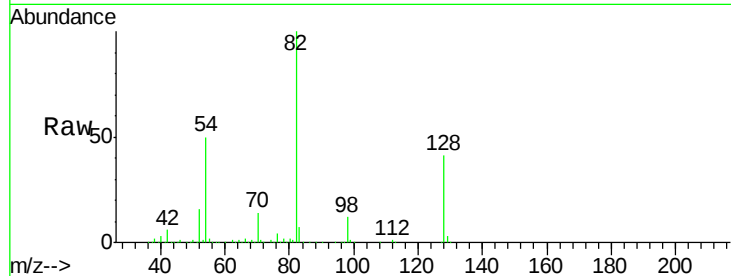




#19
n-Nitroso-di-n-propylamine
Concen: 14.39 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

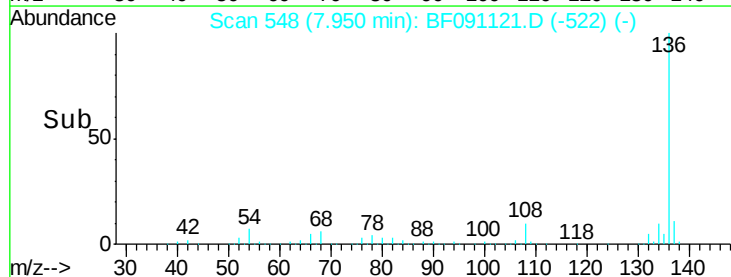
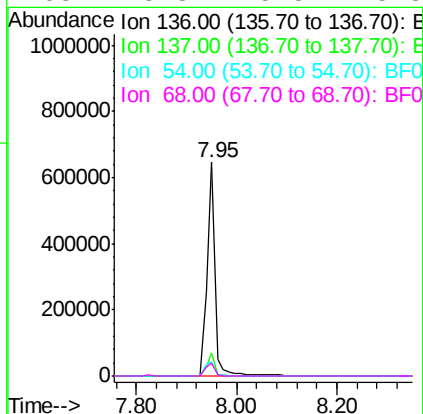
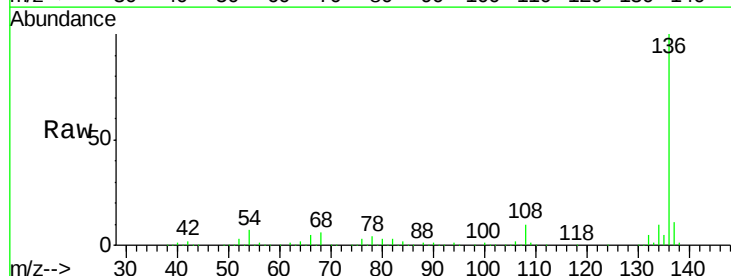
Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-8

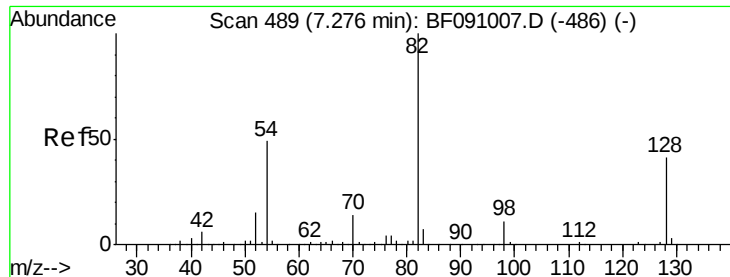
Tgt Ion: 70 Resp: 145334
Ion Ratio Lower Upper
70 100
42 40.3 41.7 62.5#
101 0.0 6.7 10.1#
130 2.0 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Tgt Ion: 136 Resp: 709339
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.7 6.2 9.2
68 5.8 5.5 8.3

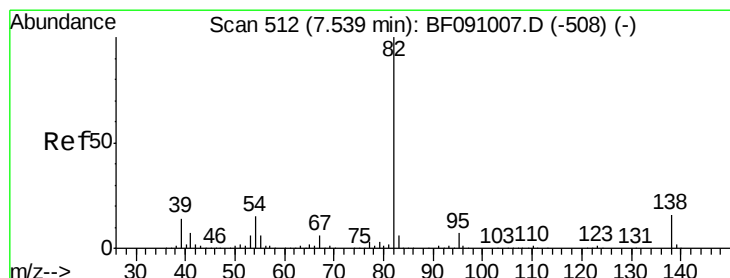
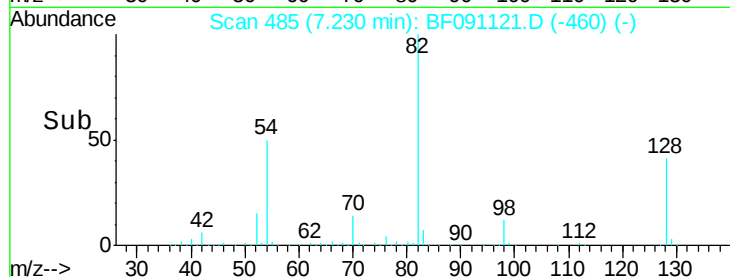
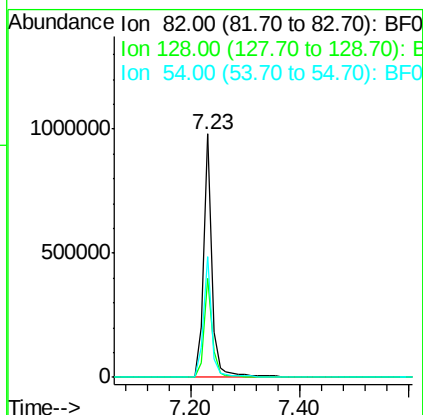
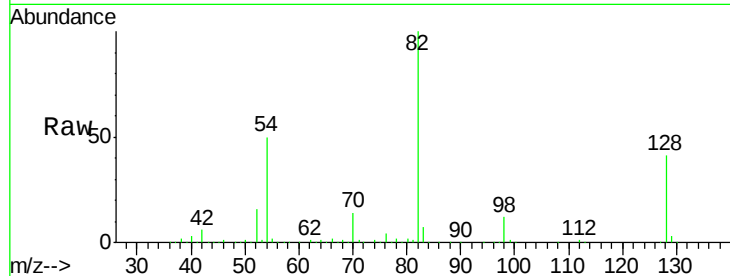




#23
 Nitrobenzene-d5
 Concen: 80.90 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091121.D
 Acq: 9 Nov 2016 10:07

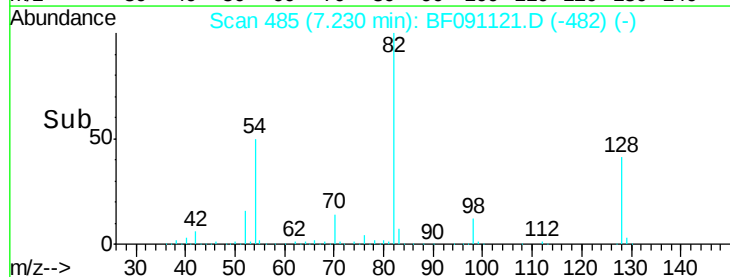
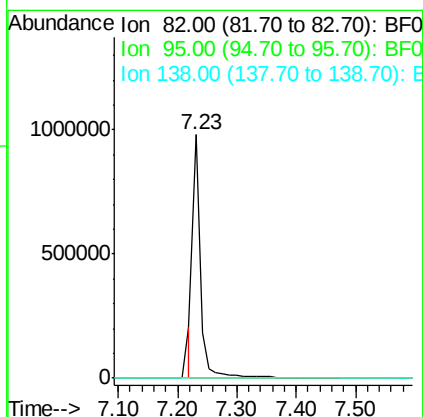
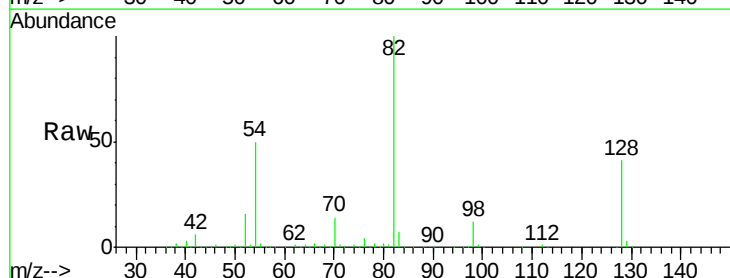
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 WATER-QUALITYDRY-8

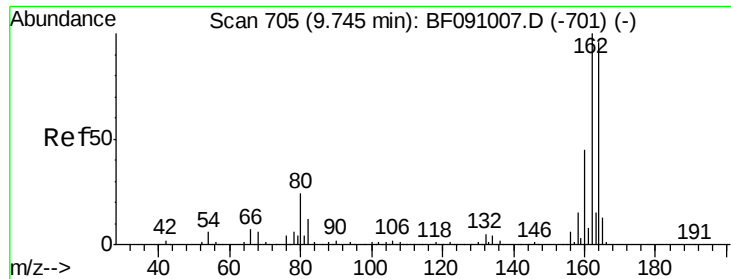
Tgt Ion: 82 Resp: 1051958
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.4 48.6
 54 49.8 39.2 58.8



#25
 Isophorone
 Concen: 35.22 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.26 min
 Lab File: BF091121.D
 Acq: 9 Nov 2016 10:07

Tgt Ion: 82 Resp: 882418
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#

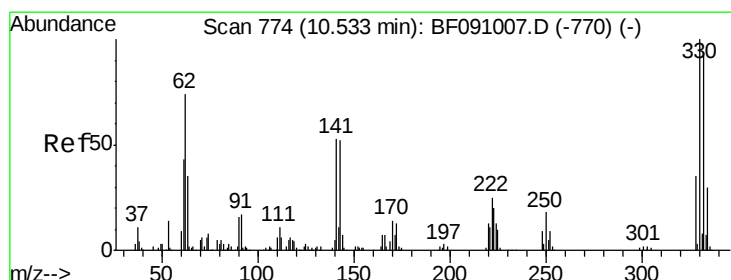
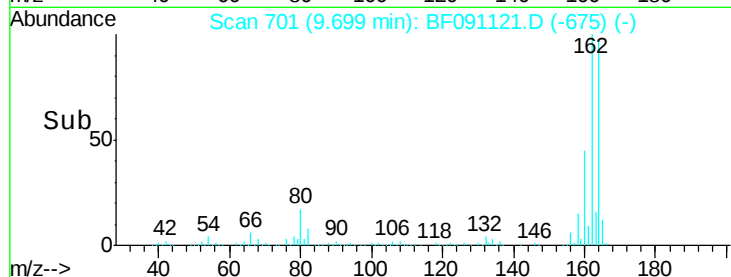
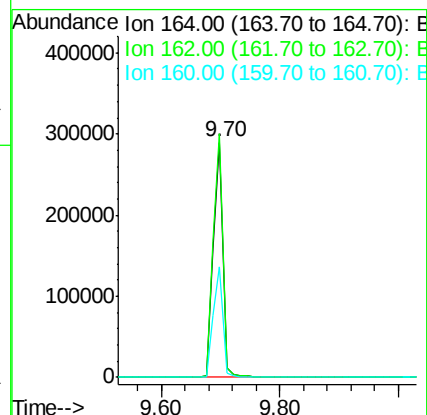
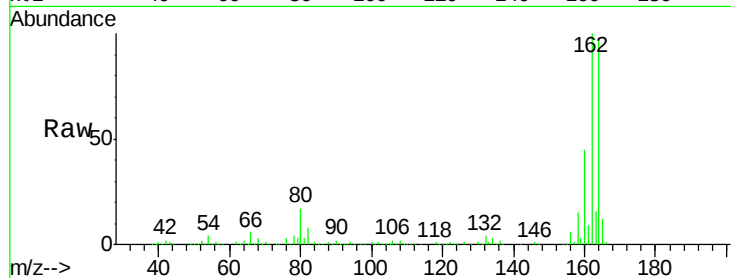




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

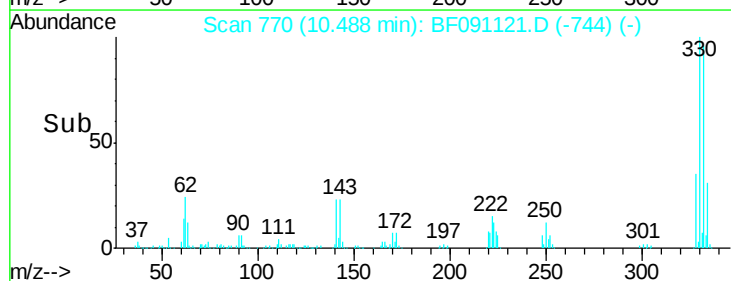
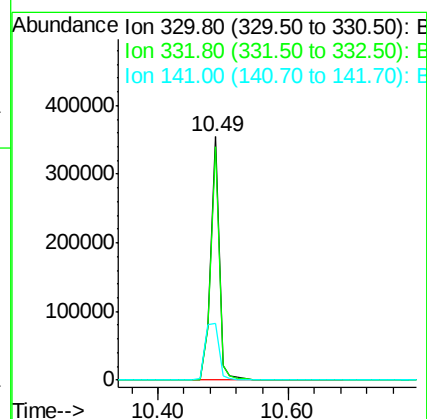
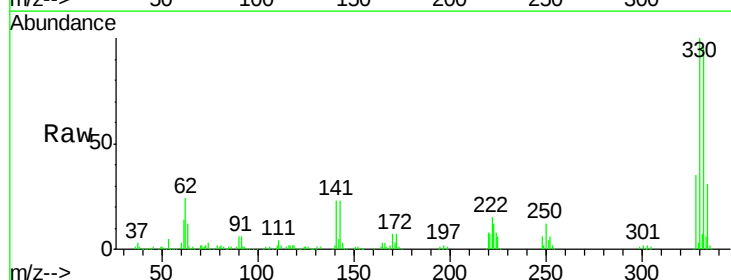
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WATER-QUALITYDRY-8

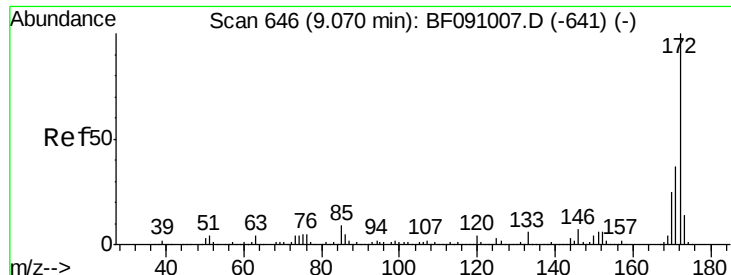
Tgt Ion:164 Resp: 324987
Ion Ratio Lower Upper
164 100
162 103.5 83.6 125.4
160 47.0 37.9 56.9



#41
2,4,6-Tribromophenol
Concen: 109.97 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Tgt Ion:330 Resp: 323107
Ion Ratio Lower Upper
330 100
332 96.4 75.9 113.9
141 38.0 36.1 54.1

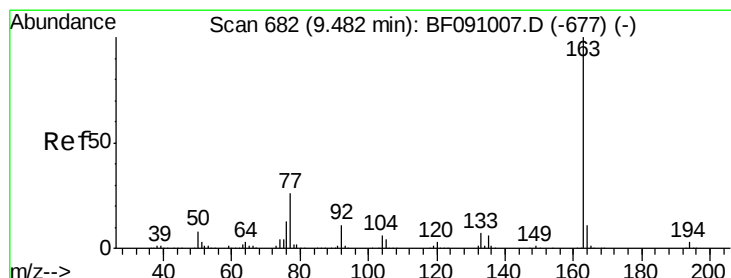
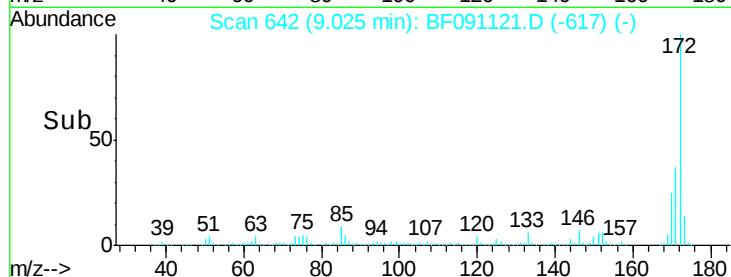
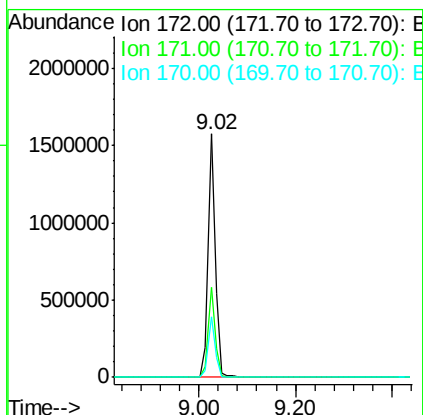
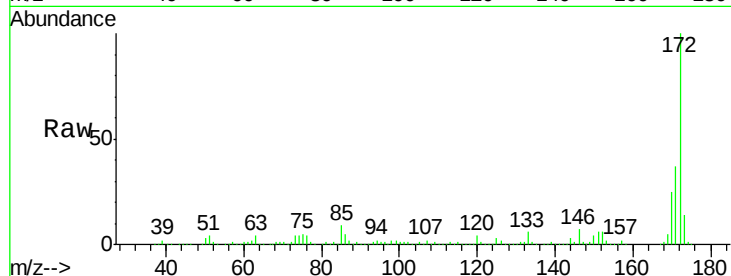




#44
 2-Fluorobiphenyl
 Concen: 87.39 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091121.D
 Acq: 9 Nov 2016 10:07

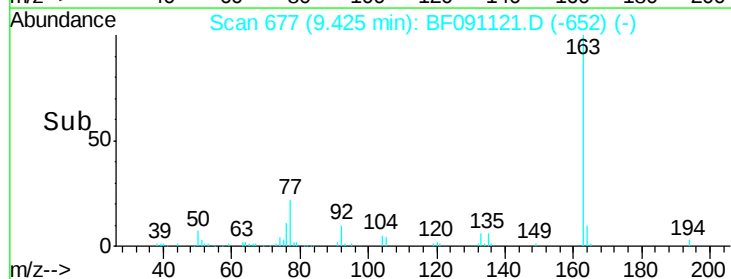
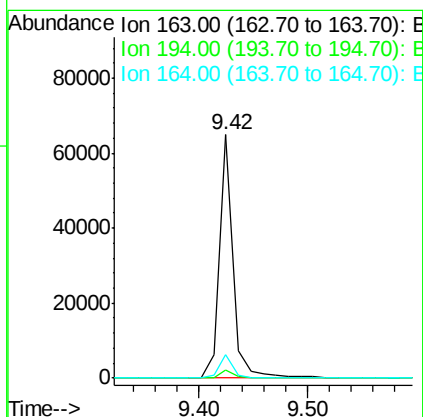
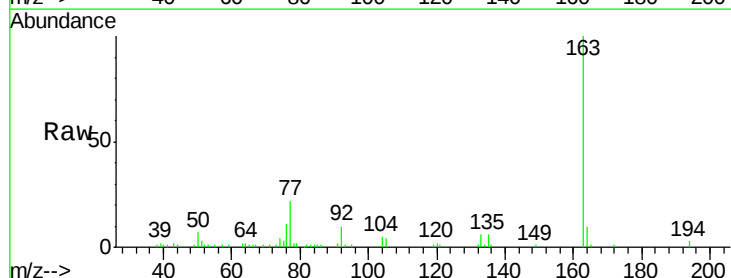
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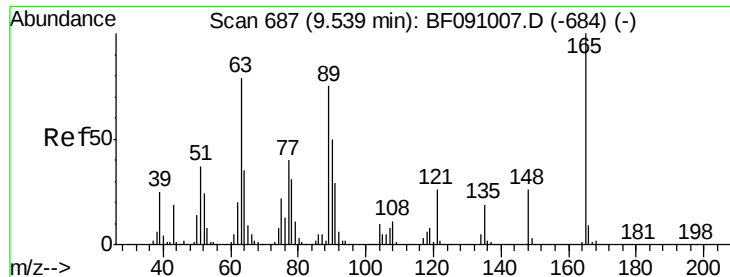
Tgt Ion:172 Resp: 1649583
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.0 20.3 30.5



#49
 Dimethylphthalate
 Concen: 2.70 ng
 RT: 9.42 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF091121.D
 Acq: 9 Nov 2016 10:07

Tgt Ion:163 Resp: 57493
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.5 8.7 13.1

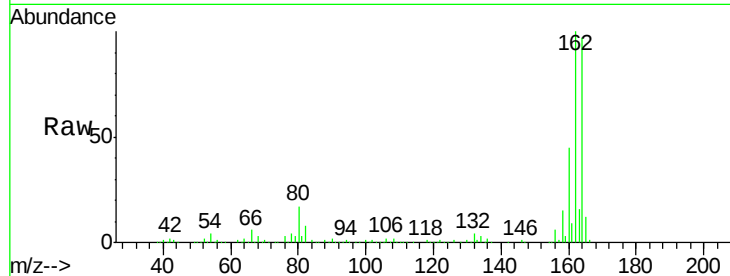




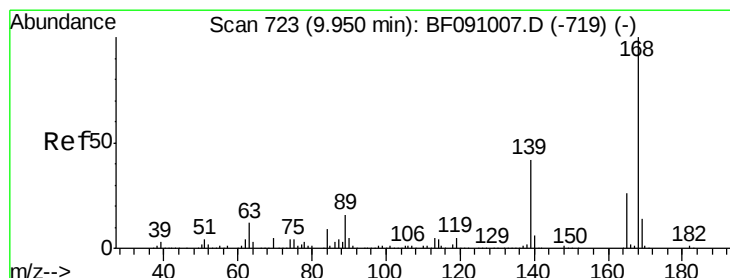
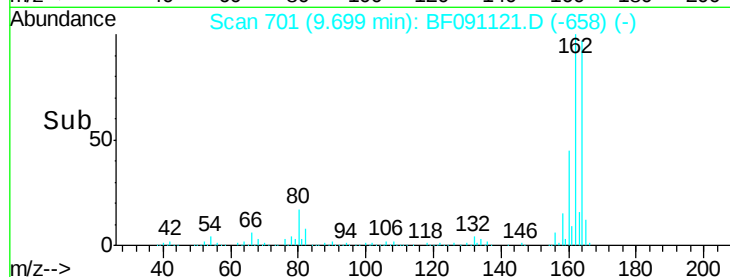
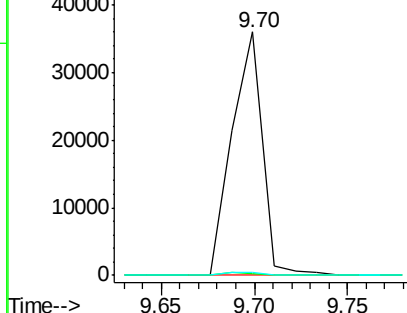
#50
 2,6-Dinitrotoluene
 Concen: 8.98 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.19 min
 Lab File: BF091121.D
 Acq: 9 Nov 2016 10:07

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-8

Tgt Ion:165 Resp: 41029
 Ion Ratio Lower Upper
 165 100
 63 0.9 65.6 98.4#
 89 1.1 59.8 89.6#

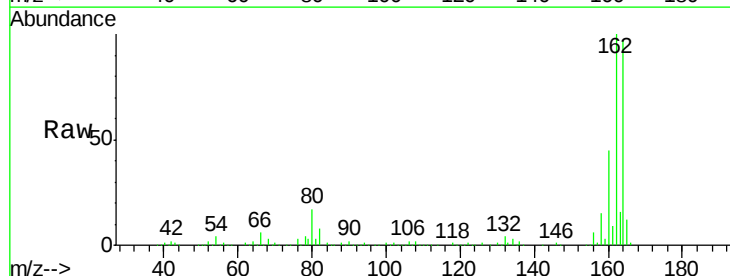


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

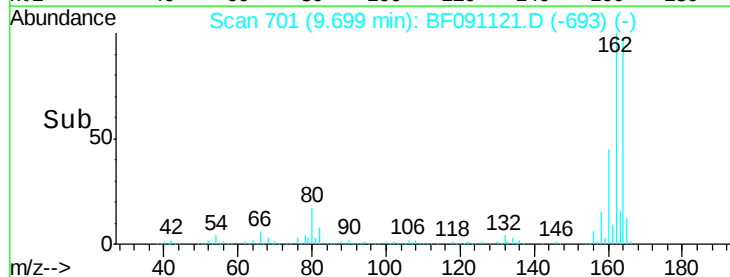
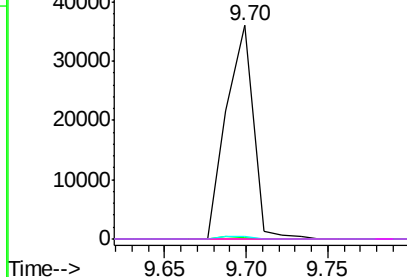


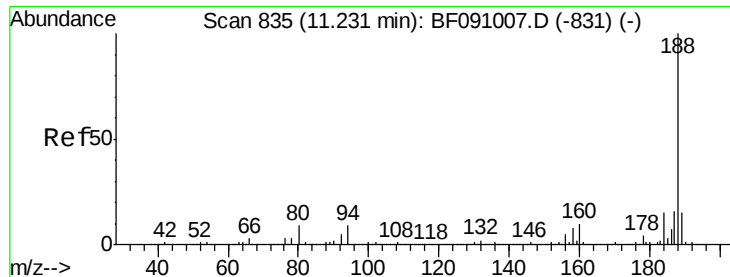
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 2,4-Dinitrotoluene
 Concen: 7.06 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.21 min
 Lab File: BF091121.D
 Acq: 9 Nov 2016 10:07

Tgt Ion:165 Resp: 41031
 Ion Ratio Lower Upper
 165 100
 63 0.9 38.7 58.1#
 89 1.1 50.6 76.0#
 182 0.0 1.8 2.8#



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

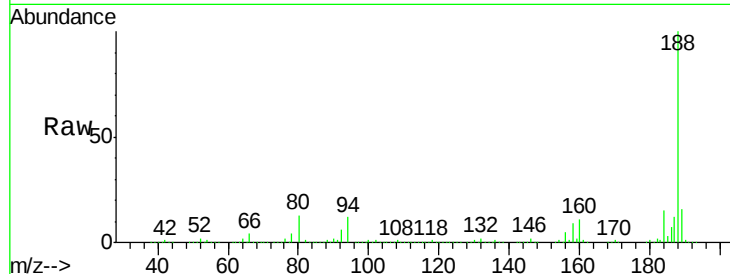




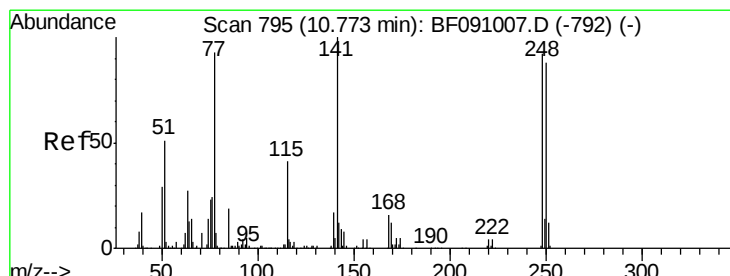
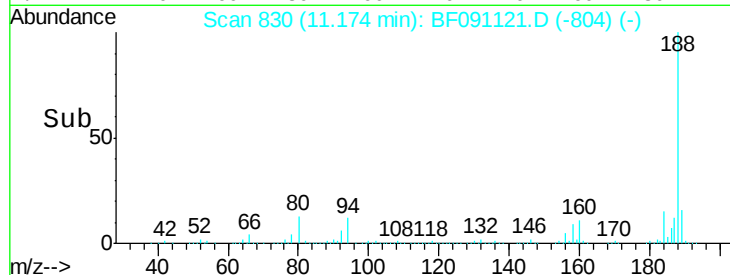
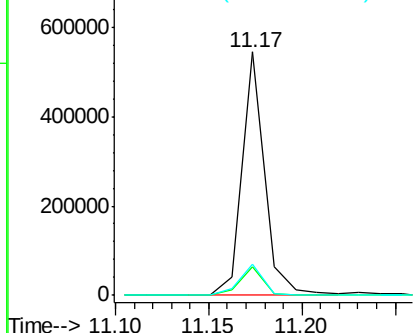
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-8

Tgt Ion:188 Resp: 459920
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.4#
80 12.8 7.5 11.3#

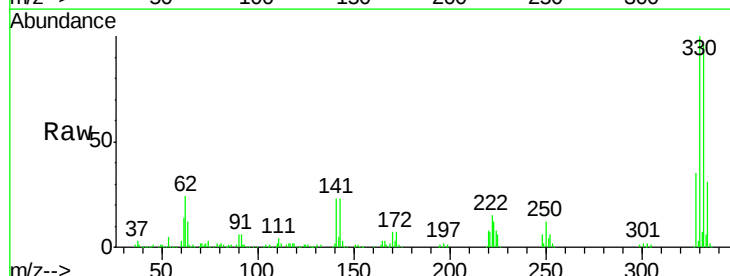


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

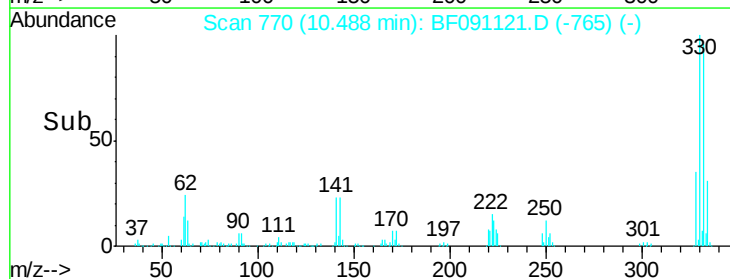
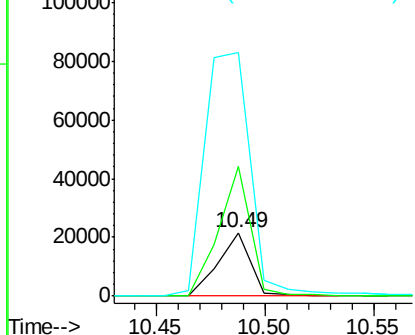


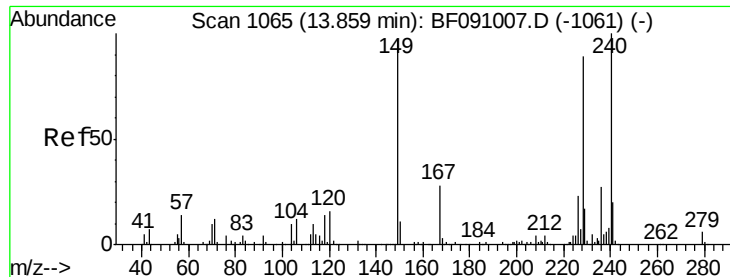
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Tgt Ion:248 Resp: 22137
Ion Ratio Lower Upper
248 100
250 205.5 76.3 114.5#
141 385.1 86.8 130.2#



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: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091121.D

Acq: 9 Nov 2016 10:07

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-8

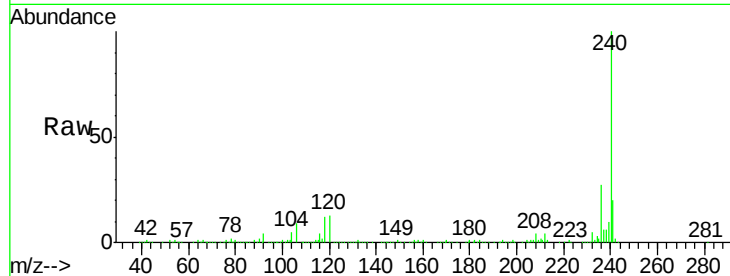
Tgt Ion:240 Resp: 328480

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

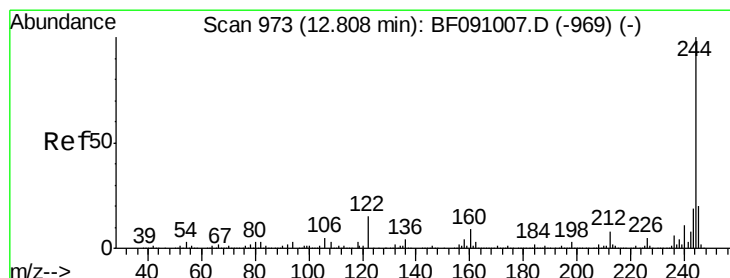
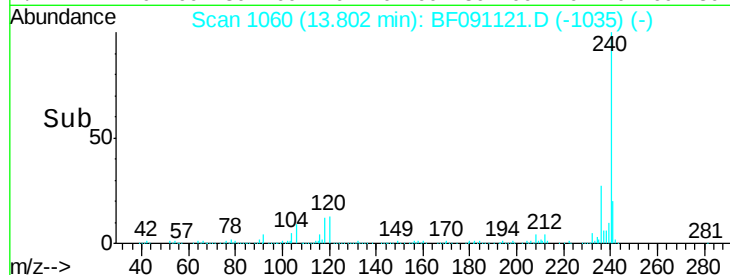
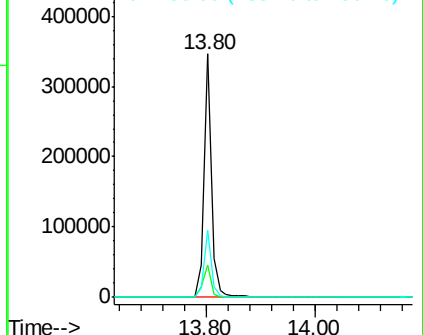
236 27.4 21.9 32.9



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: 89.35 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091121.D

Acq: 9 Nov 2016 10:07

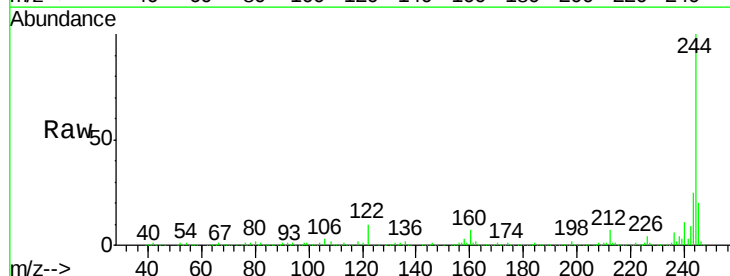
Tgt Ion:244 Resp: 1176089

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

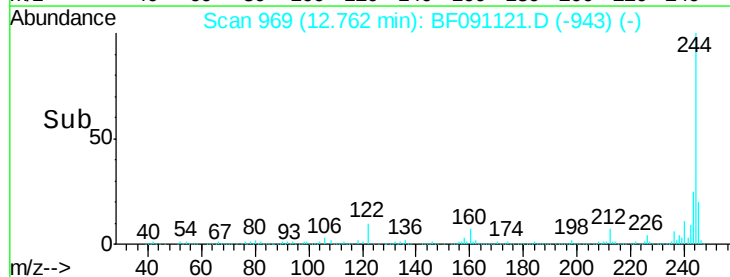
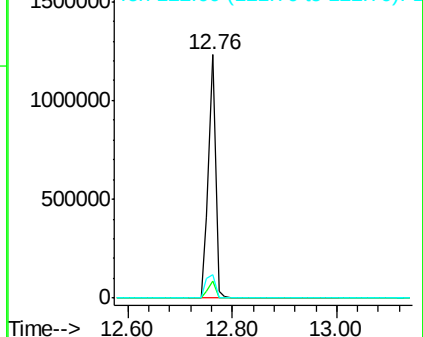
122 9.6 12.3 18.5#

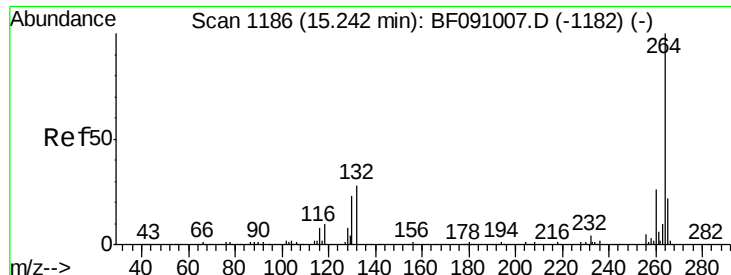


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-8

Tgt Ion: 264 Resp: 283643
Ion Ratio Lower Upper
264 100
260 25.6 20.6 30.8
265 22.0 17.8 26.8

