

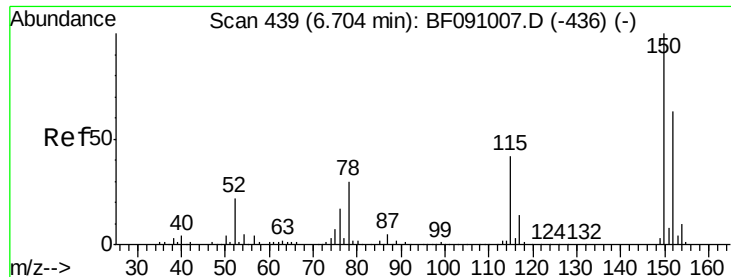
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091114.D
 Acq On : 9 Nov 2016 6:55
 Operator : UM/SJ
 Sample : H5547-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-1

Quant Time: Nov 09 07:57:08 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	160761	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	631147	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	302004	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	444547	20.00	ng	0.00
75) Chrysene-d12	13.80	240	316780	20.00	ng	-0.01
86) Perylene-d12	15.17	264	269927	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	488520	50.19	ng	0.00
7) Phenol-d6	6.30	99	381861	28.90	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1003895	86.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	343968	125.98	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1597746	91.08	ng	-0.01
78) Terphenyl-d14	12.76	244	1276944	100.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	24787	3.38	ng	Qvalue 85
15) Benzyl Alcohol	6.82	79	20414	2.19	ng	# 52
19) n-Nitroso-di-n-propylamine	7.23	70	137416	15.01	ng	# 79
25) Isophorone	7.23	82	882142	39.57	ng	# 67
49) Dimethylphthalate	9.42	163	69525	3.51	ng	98
50) 2,6-Dinitrotoluene	9.70	165	38247	9.01	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	38249	7.08	ng	# 25
66) 4-Bromophenyl-phenylether	10.49	248	23335	5.05	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-1

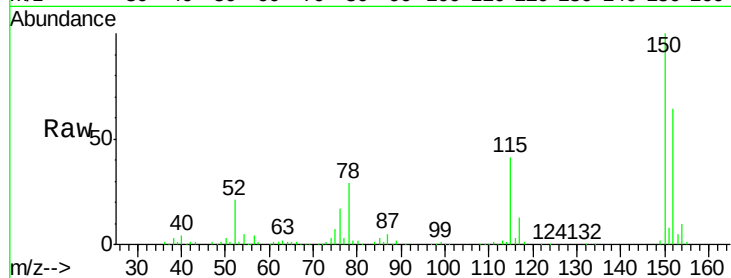
Tgt Ion:152 Resp: 160761

Ion Ratio Lower Upper

152 100

150 156.9 126.8 190.2

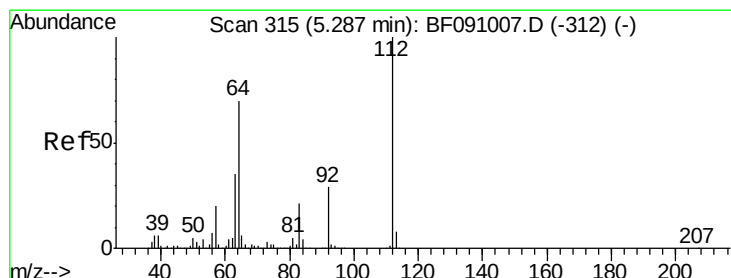
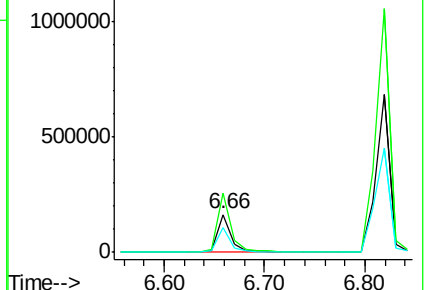
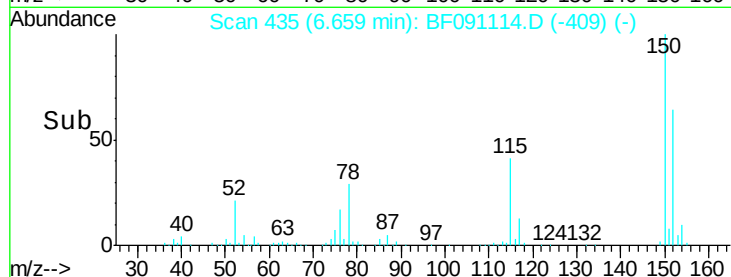
115 65.1 53.3 79.9



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: 50.19 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

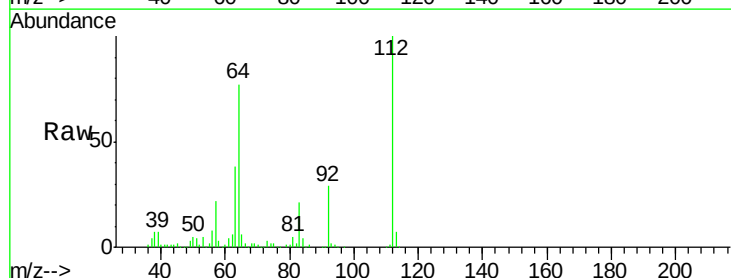
Tgt Ion:112 Resp: 488520

Ion Ratio Lower Upper

112 100

64 76.6 55.8 83.6

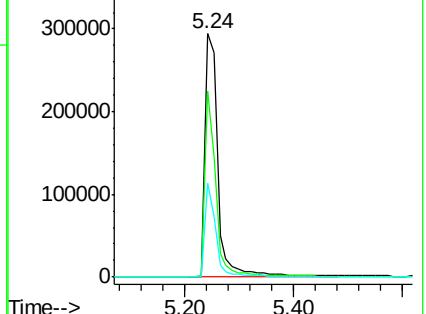
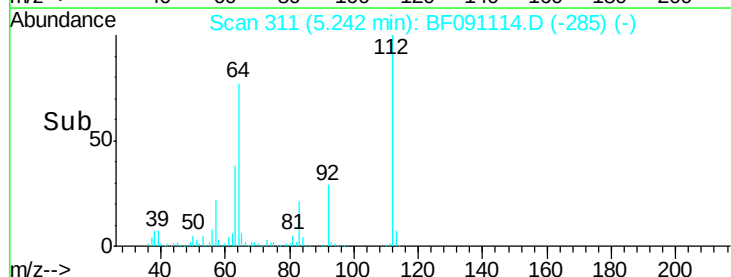
63 38.3 28.0 42.0

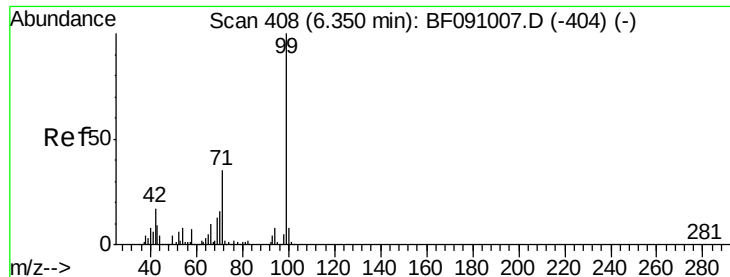


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.90 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-1

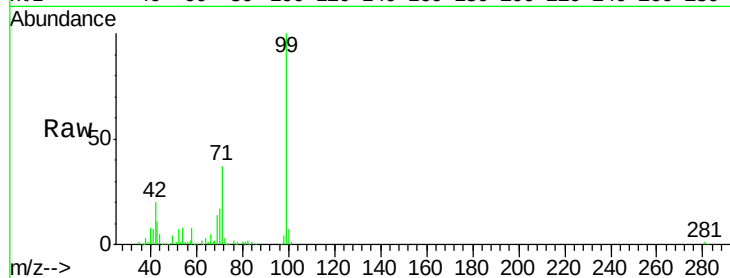
Tgt Ion: 99 Resp: 381861

Ion Ratio Lower Upper

99 100

42 20.5 13.9 20.9

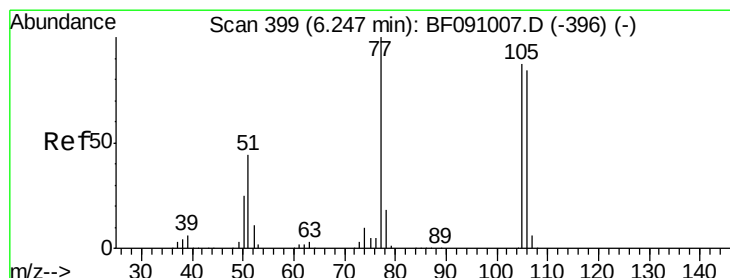
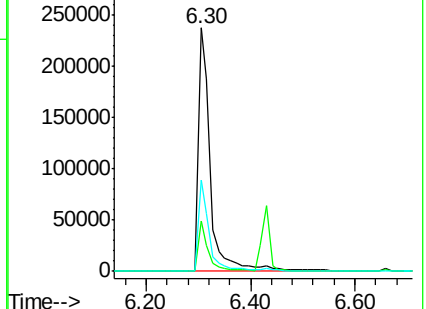
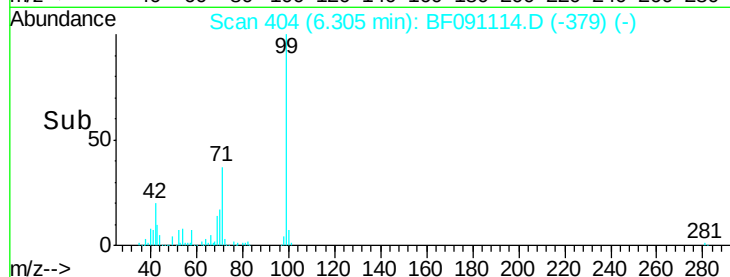
71 37.3 27.8 41.8



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: 3.38 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

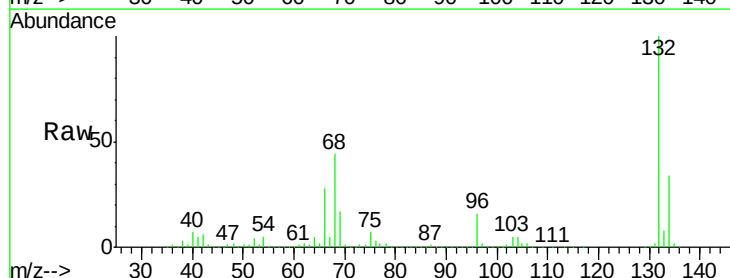
Tgt Ion: 77 Resp: 24787

Ion Ratio Lower Upper

77 100

105 75.9 66.8 106.8

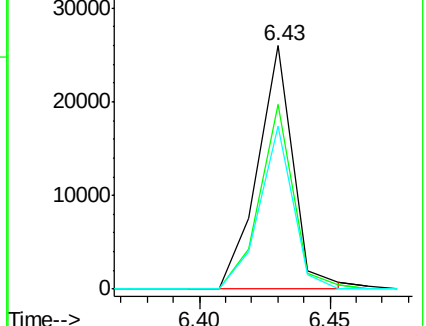
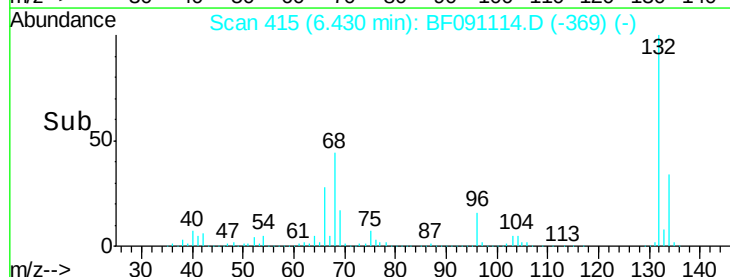
106 67.1 64.0 104.0

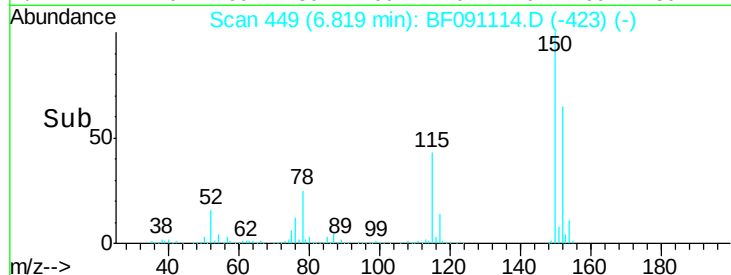
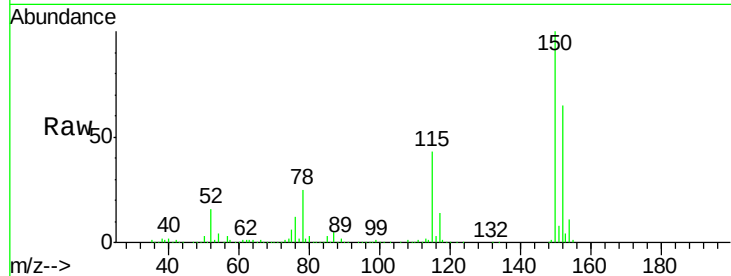
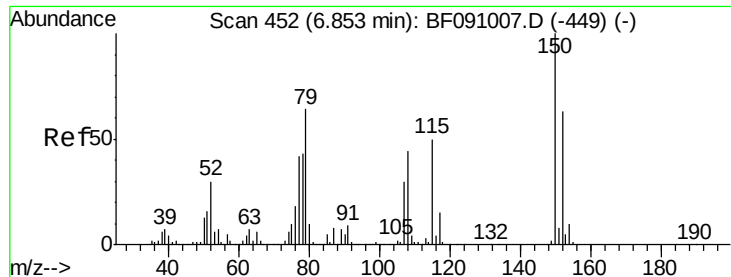


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-1

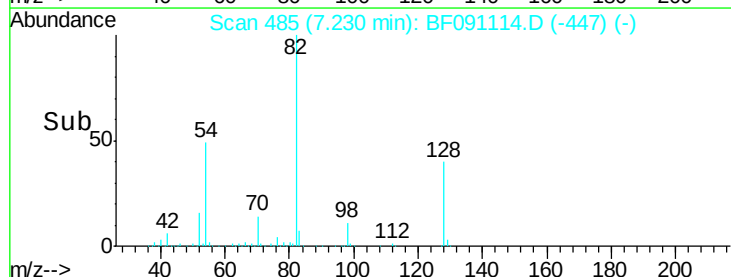
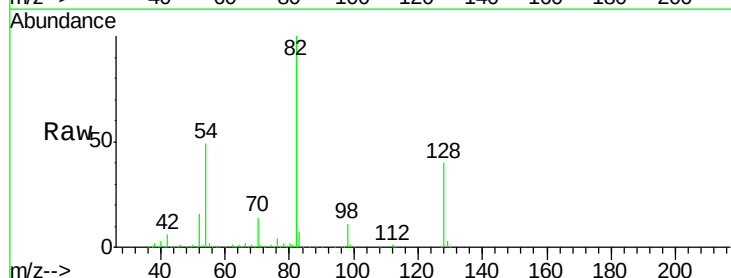
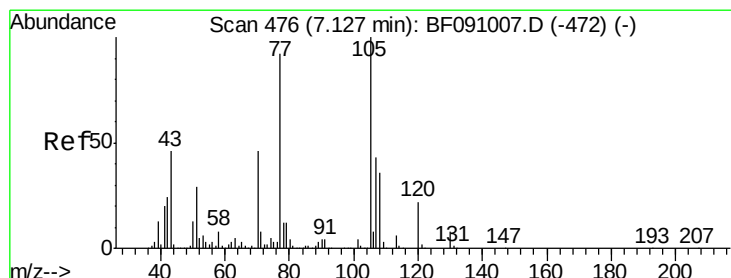
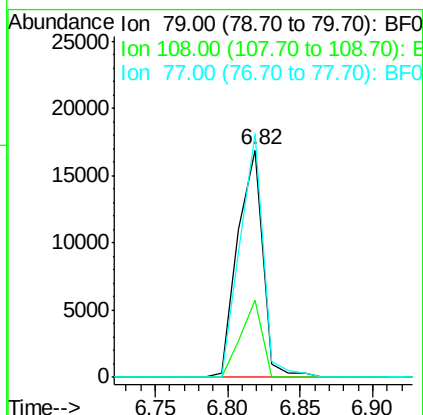
Tgt Ion: 79 Resp: 20414

Ion Ratio Lower Upper

79 100

108 33.7 55.7 83.5#

77 107.1 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 15.01 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Tgt Ion: 70 Resp: 137416

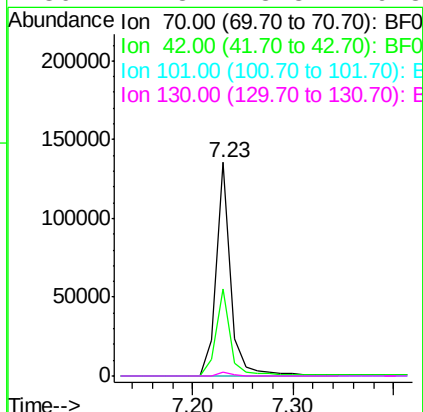
Ion Ratio Lower Upper

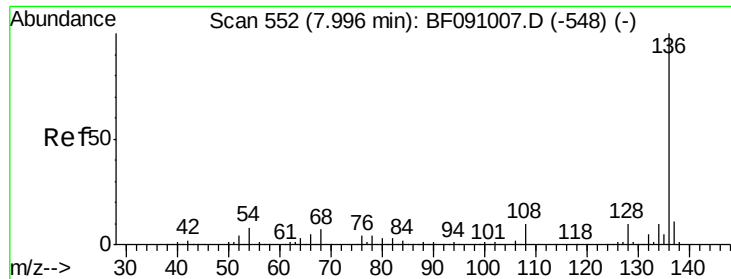
70 100

42 40.6 41.7 62.5#

101 0.0 6.7 10.1#

130 1.8 13.8 20.8#

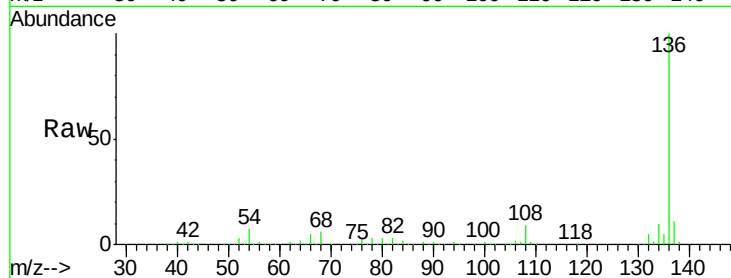




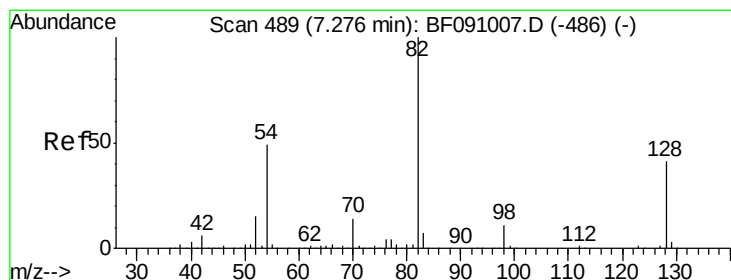
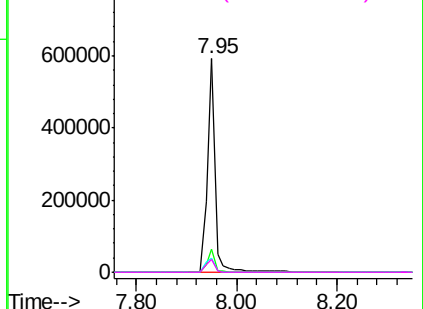
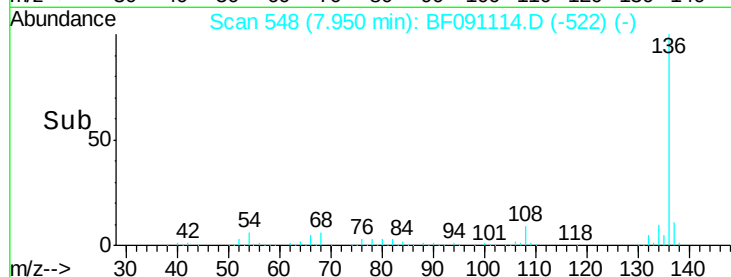
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091114.D
Acq: 9 Nov 2016 6:55

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-1

Tgt Ion:	136	Resp:	631147
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	6.2	9.2
68	6.0	5.5	8.3

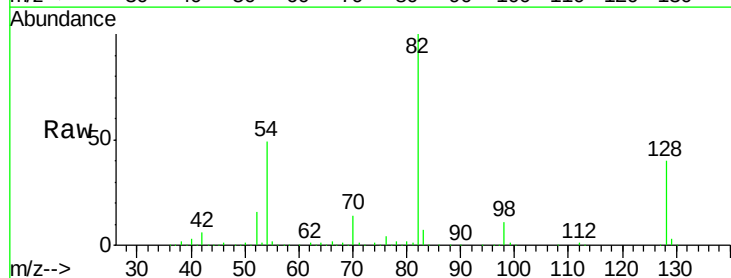


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

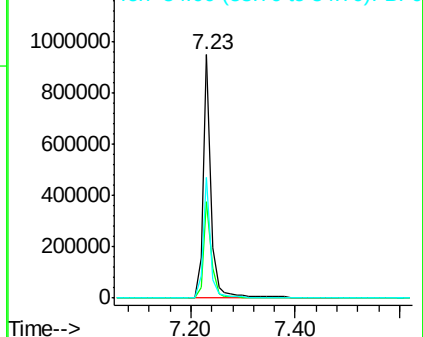
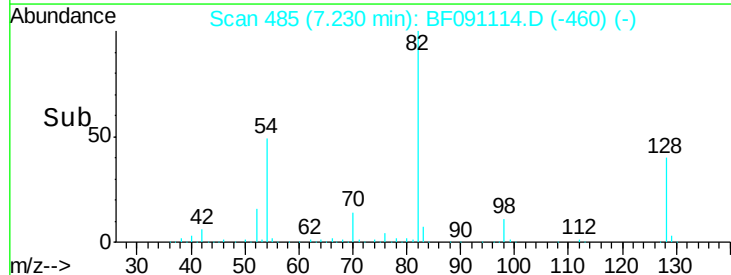


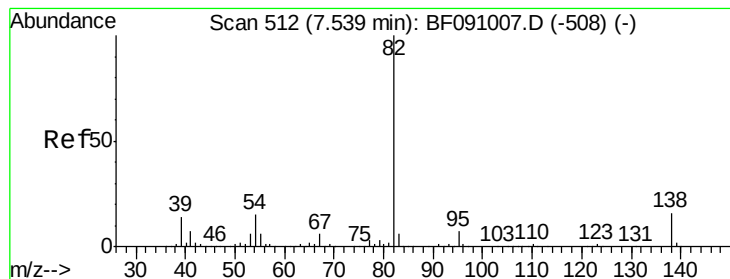
#23
Nitrobenzene-d5
Concen: 86.77 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091114.D
Acq: 9 Nov 2016 6:55

Tgt Ion:	82	Resp:	1003895
Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.4	48.6
54	49.4	39.2	58.8



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





#25

Isophorone

Concen: 39.57 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-1

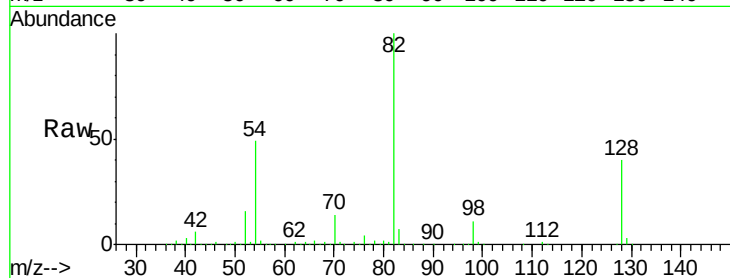
Tgt Ion: 82 Resp: 882142

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

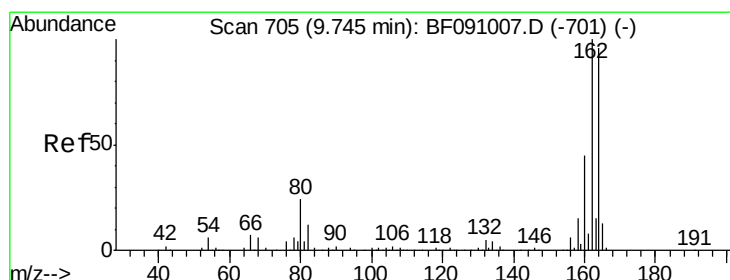
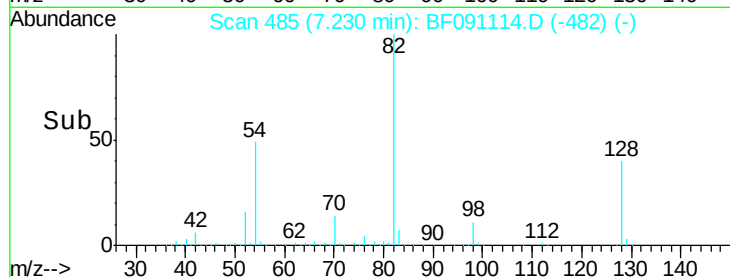
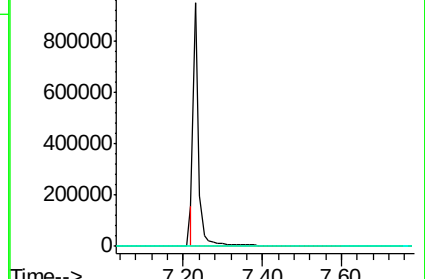
138 0.0 13.0 19.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

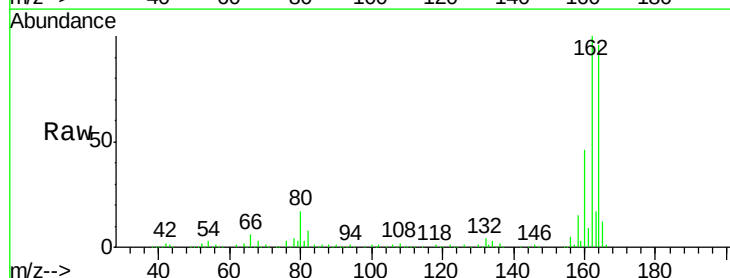
Tgt Ion: 164 Resp: 302004

Ion Ratio Lower Upper

164 100

162 103.9 83.6 125.4

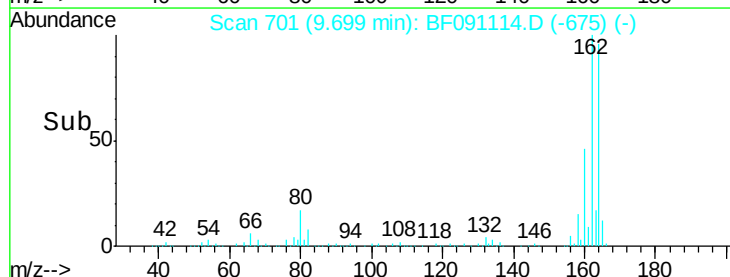
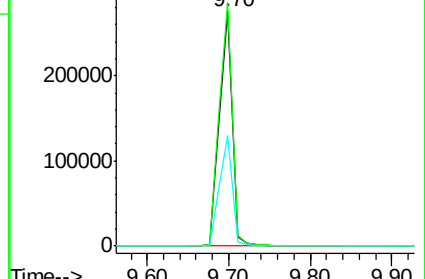
160 47.4 37.9 56.9

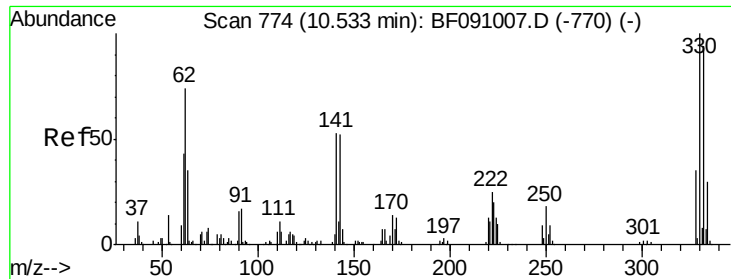


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

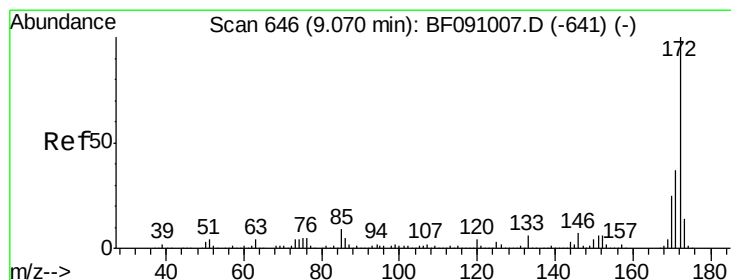
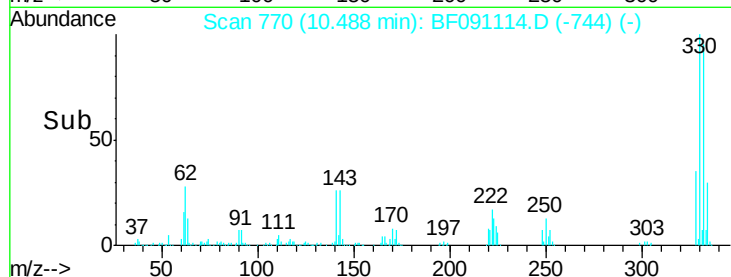
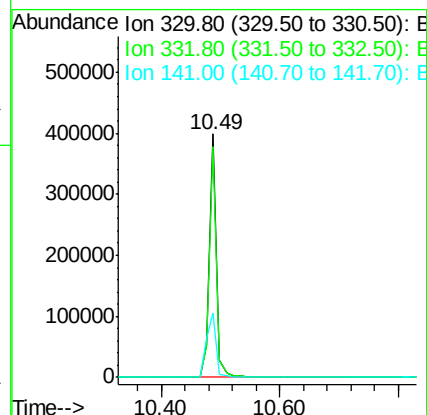
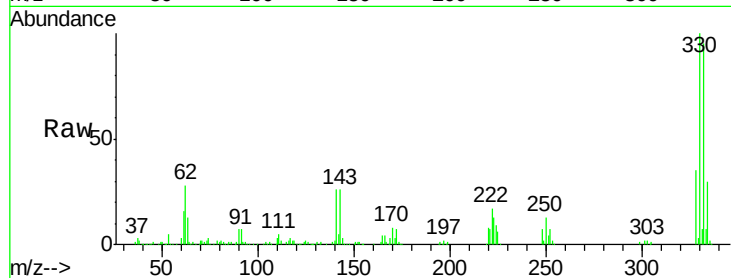




#41
 2,4,6-Tribromophenol
 Concen: 125.98 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091114.D
 Acq: 9 Nov 2016 6:55

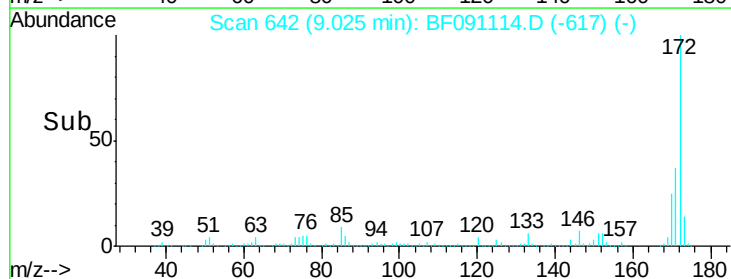
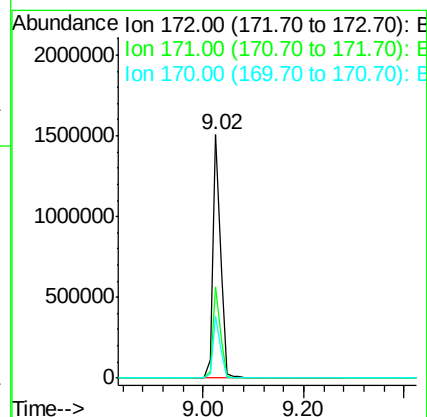
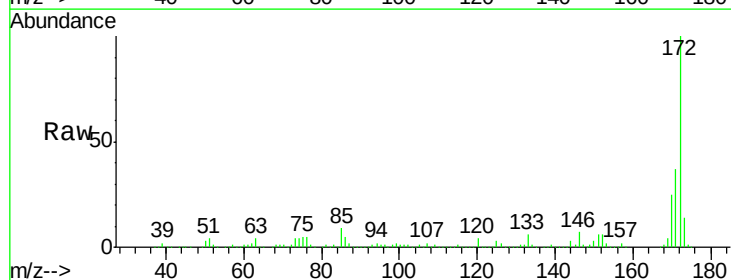
Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-1

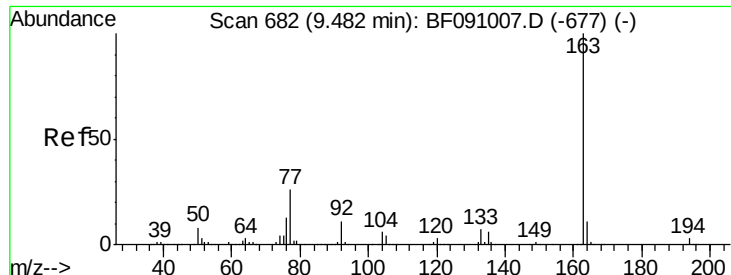
Tgt Ion:330 Resp: 343968
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.9 113.9
 141 36.5 36.1 54.1



#44
 2-Fluorobiphenyl
 Concen: 91.08 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091114.D
 Acq: 9 Nov 2016 6:55

Tgt Ion:172 Resp: 1597746
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.2 20.3 30.5





#49

Dimethylphthalate

Concen: 3.51 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-1

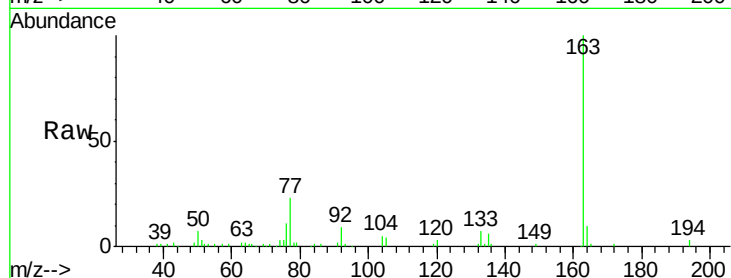
Tgt Ion:163 Resp: 69525

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

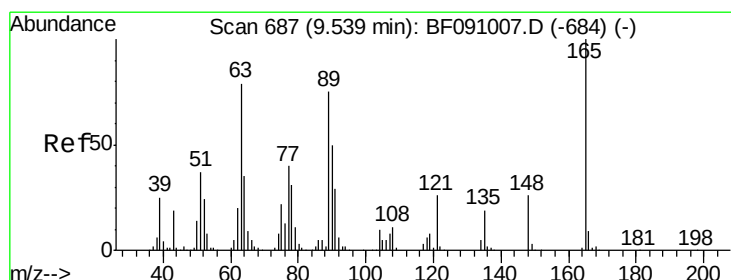
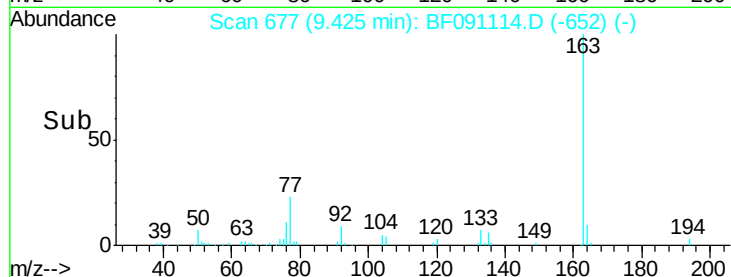
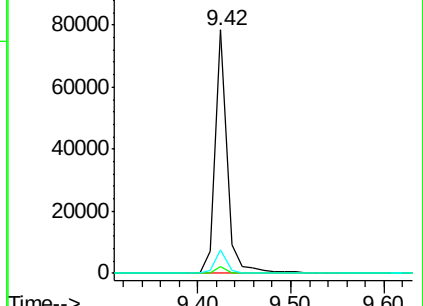
164 9.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.01 ng

RT: 9.70 min Scan# 701

Delta R.T. 0.19 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

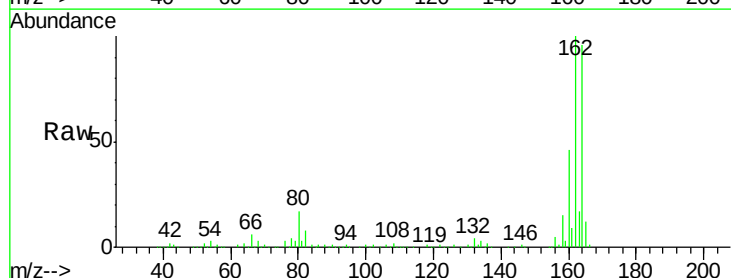
Tgt Ion:165 Resp: 38247

Ion Ratio Lower Upper

165 100

63 0.0 65.6 98.4#

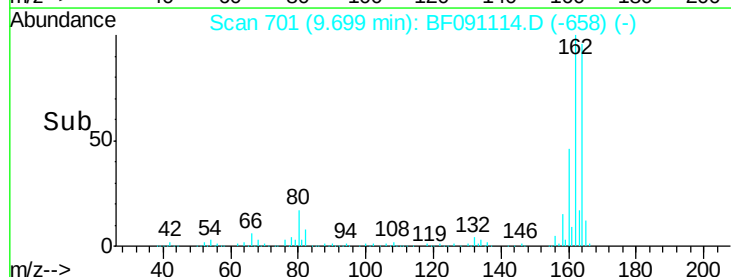
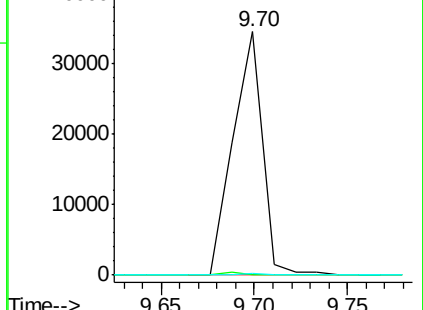
89 0.9 59.8 89.6#

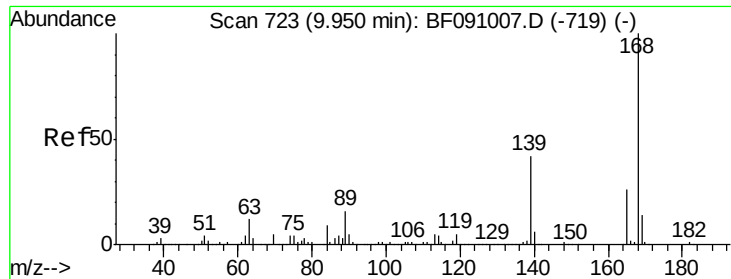


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

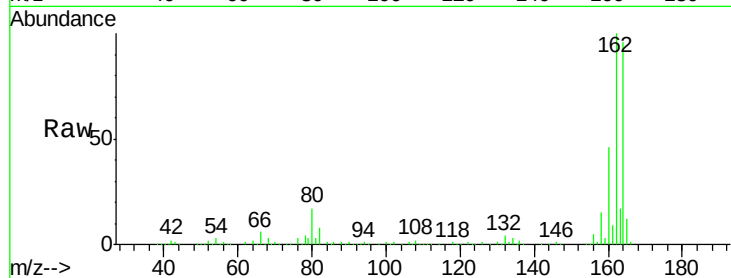




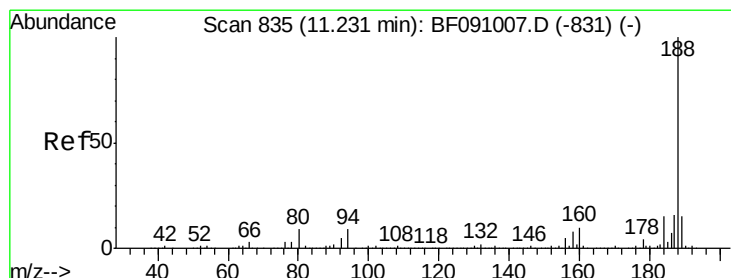
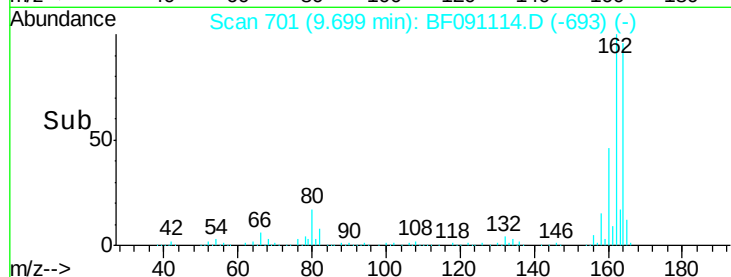
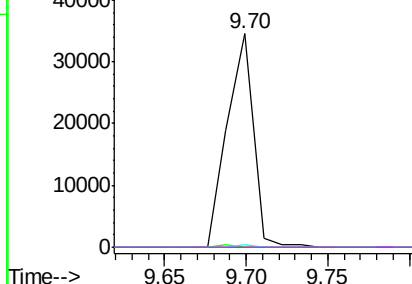
#56
2,4-Dinitrotoluene
Concen: 7.08 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091114.D
Acq: 9 Nov 2016 6:55

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-1

Tgt Ion:165 Resp: 38249
Ion Ratio Lower Upper
165 100
63 0.0 38.7 58.1#
89 0.9 50.6 76.0#
182 0.0 1.8 2.8#

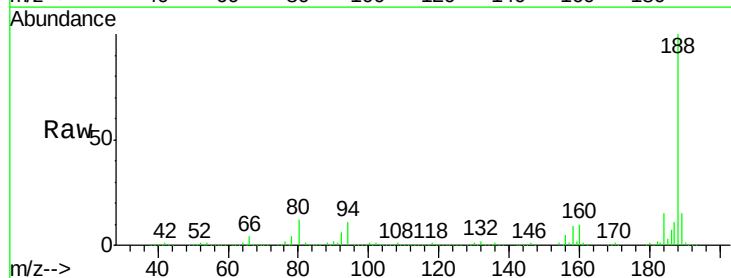


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

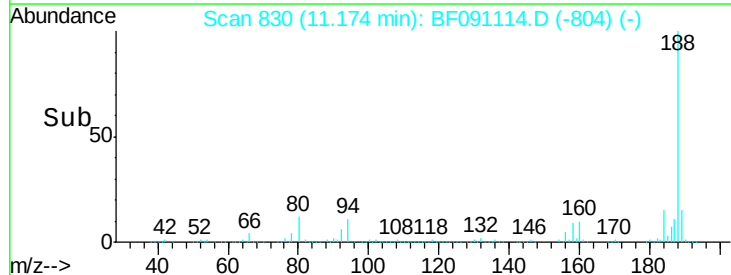
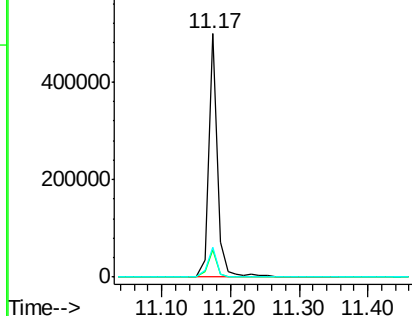


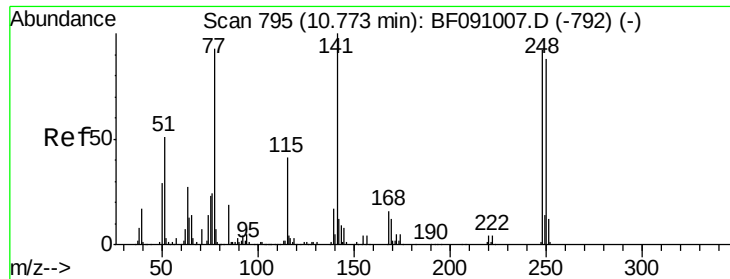
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091114.D
Acq: 9 Nov 2016 6:55

Tgt Ion:188 Resp: 444547
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.4#
80 12.4 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

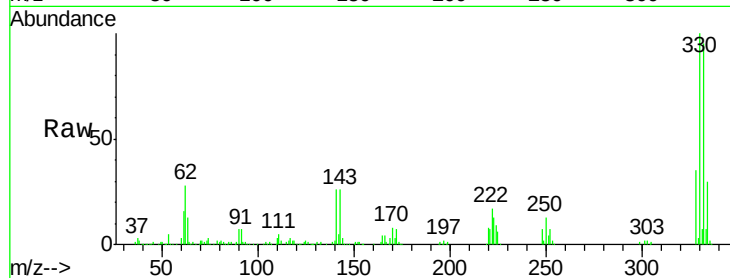




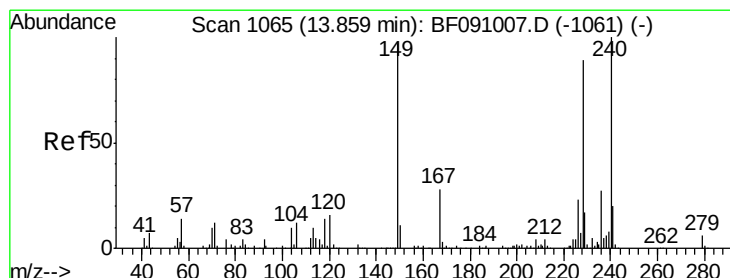
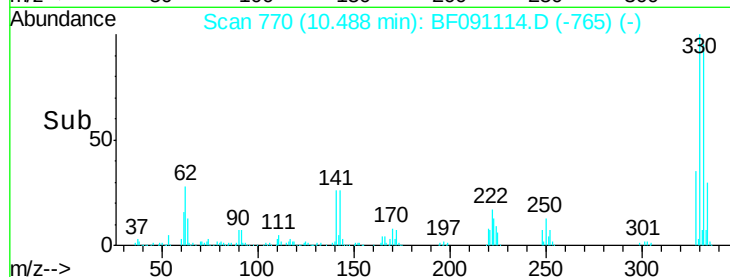
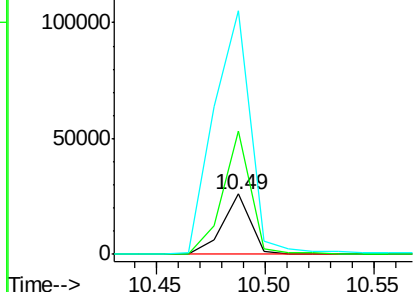
#66
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091114.D
Acq: 9 Nov 2016 6:55

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-1

Tgt Ion:248 Resp: 23335
Ion Ratio Lower Upper
248 100
250 204.7 76.3 114.5#
141 404.2 86.8 130.2#

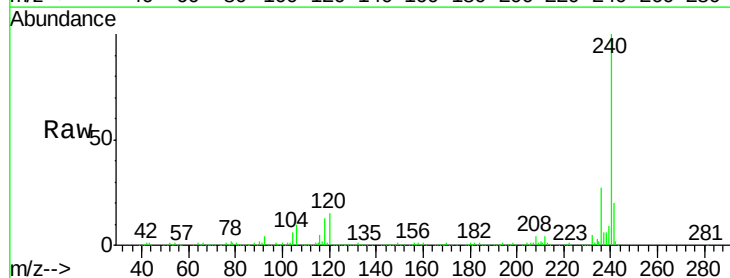


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

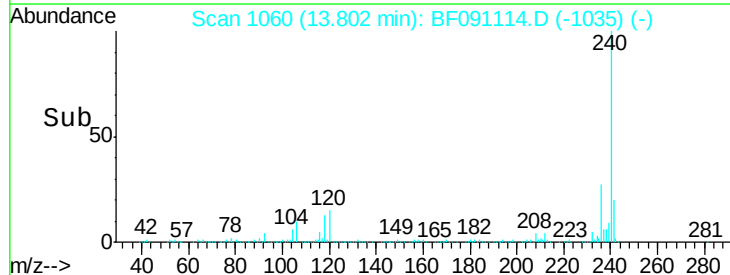
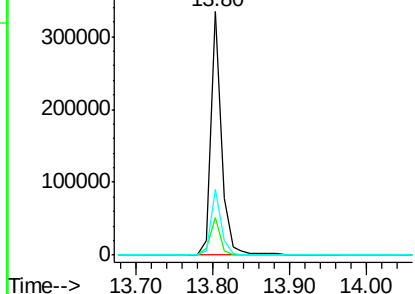


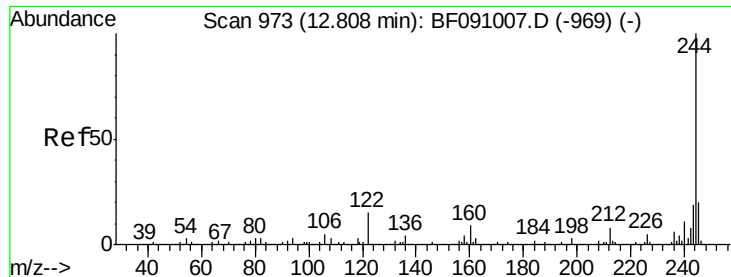
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091114.D
Acq: 9 Nov 2016 6:55

Tgt Ion:240 Resp: 316780
Ion Ratio Lower Upper
240 100
120 15.2 12.9 19.3
236 27.0 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: 100.59 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-1

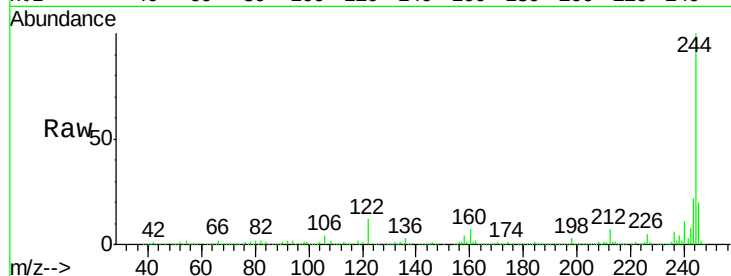
Tgt Ion:244 Resp: 1276944

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

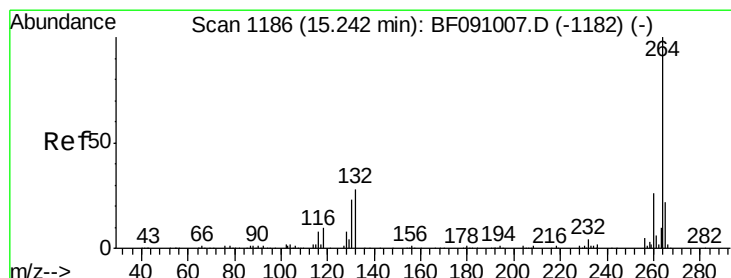
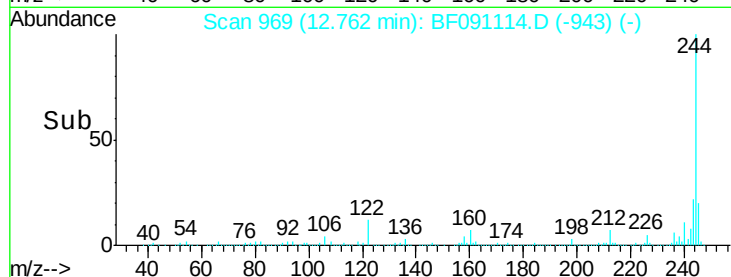
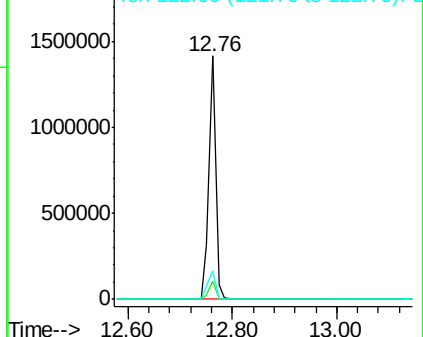
122 11.8 12.3 18.5#



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: BF091114.D

Acq: 9 Nov 2016 6:55

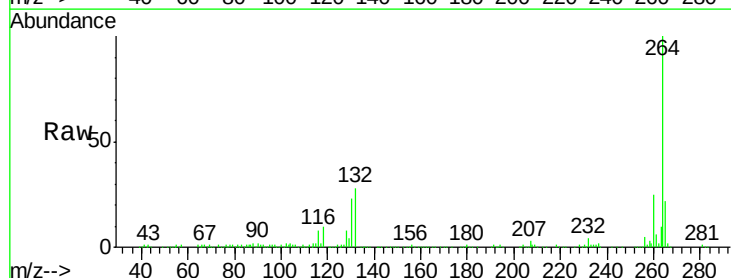
Tgt Ion:264 Resp: 269927

Ion Ratio Lower Upper

264 100

260 25.4 20.6 30.8

265 21.6 17.8 26.8



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

