

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091278.D
 Acq On : 23 Nov 2016 16:18
 Operator : UM/SJ
 Sample : H5696-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Quant Time: Nov 23 17:51:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

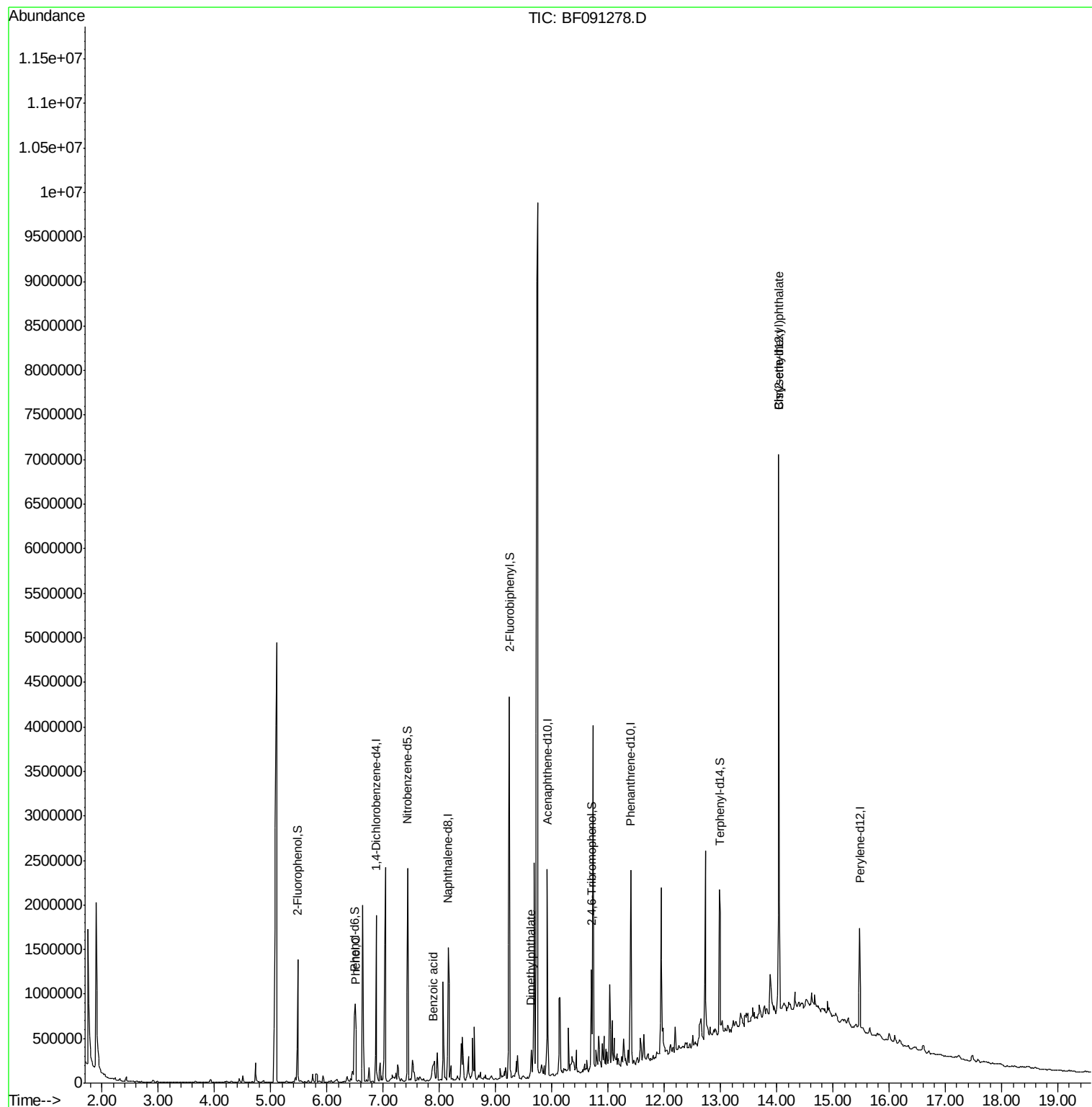
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	244228	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	937389	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	516506	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	862372	20.00	ng	0.00
75) Chrysene-d12	14.03	240	514107	20.00	ng	-0.01
86) Perylene-d12	15.47	264	575569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	312547	20.56	ng	0.01
7) Phenol-d6	6.49	99	258145	13.22	ng	-0.01
23) Nitrobenzene-d5	7.44	82	763261	46.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	188605	36.21	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1395160	44.23	ng	0.00
78) Terphenyl-d14	12.98	244	736411	32.71	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	245496	11.27	ng	Qvalue 78
32) Benzoic acid	7.88	122	55897	4.89	ng	95
49) Dimethylphthalate	9.63	163	105030	3.26	ng	97
83) Bis(2-ethylhexyl)phthalate	14.03	149	1280086	67.64	ng	# 95

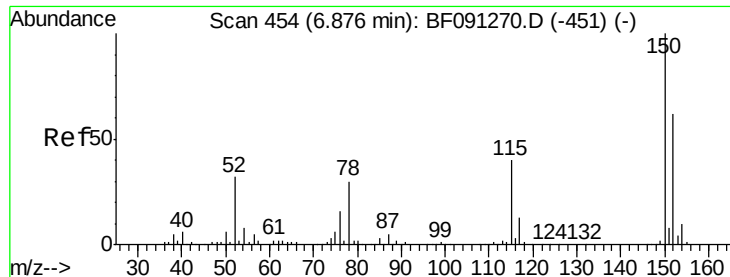
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Quant Time: Nov 23 17:51:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091278.D

Acq: 23 Nov 2016 16:18

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

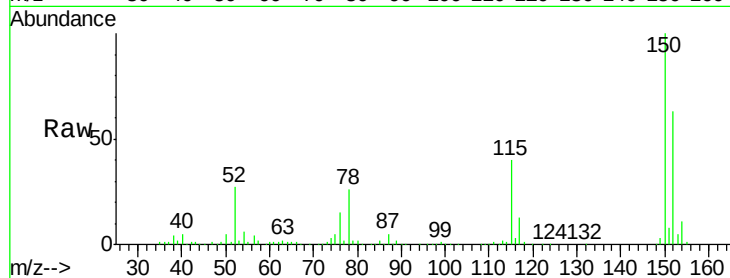
Tgt Ion:152 Resp: 244228

Ion Ratio Lower Upper

152 100

150 157.5 122.5 183.7

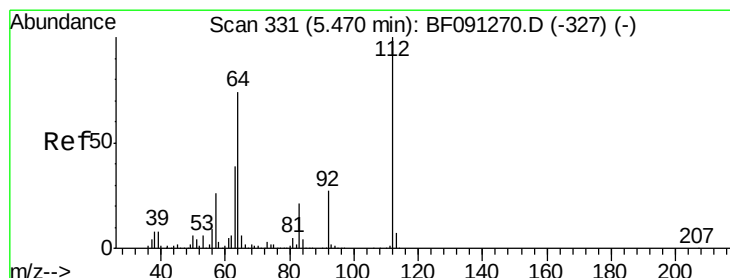
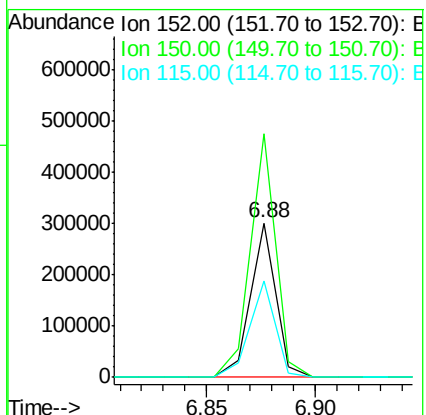
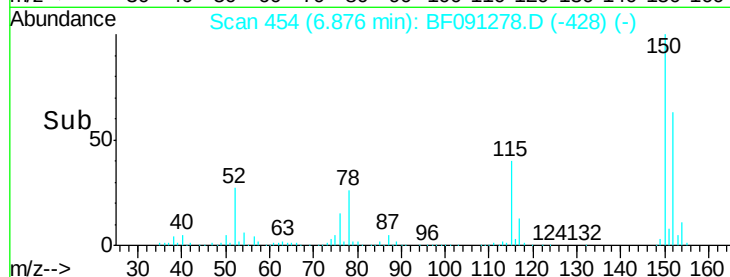
115 62.7 51.8 77.8



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: 20.56 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF091278.D

Acq: 23 Nov 2016 16:18

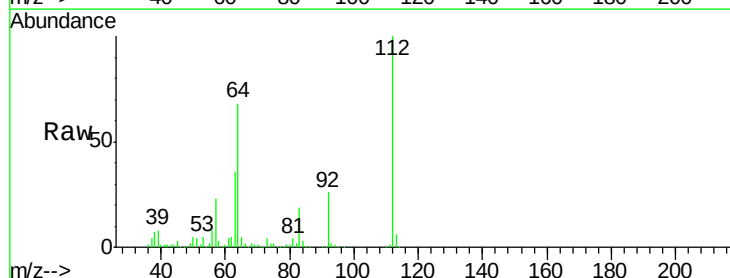
Tgt Ion:112 Resp: 312547

Ion Ratio Lower Upper

112 100

64 68.2 61.5 92.3

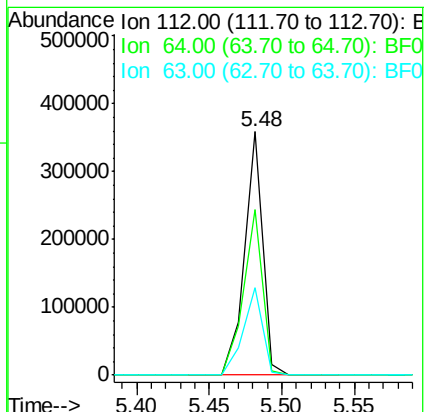
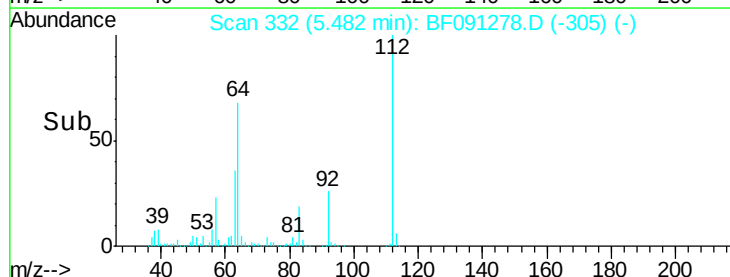
63 36.1 33.3 49.9

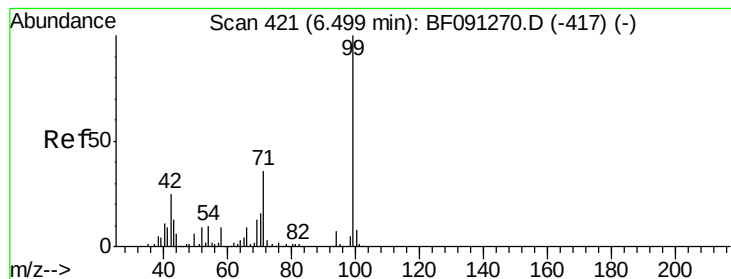


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.22 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091278.D

Acq: 23 Nov 2016 16:18

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

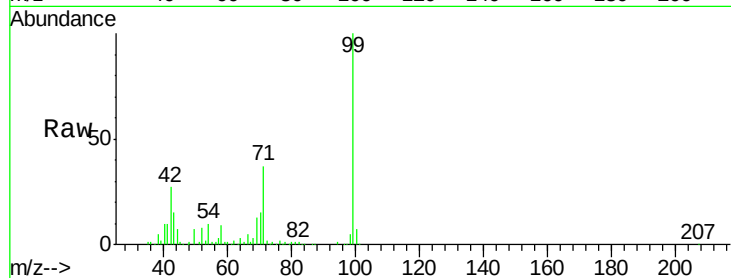
Tgt Ion: 99 Resp: 258145

Ion Ratio Lower Upper

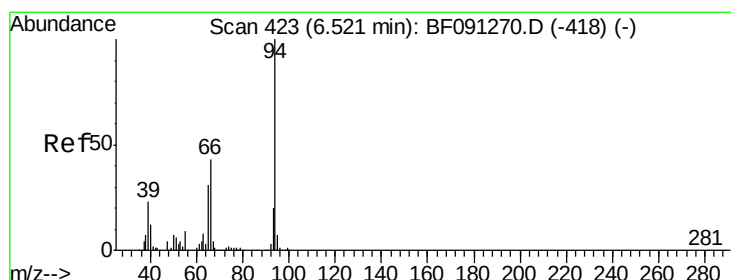
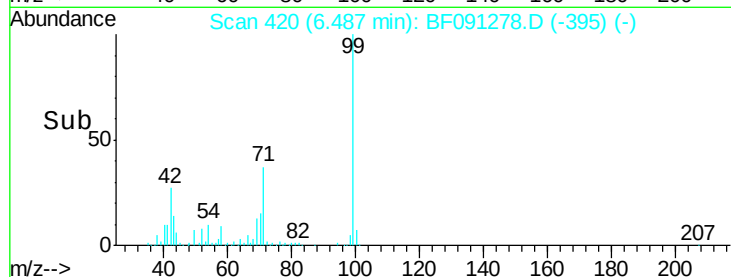
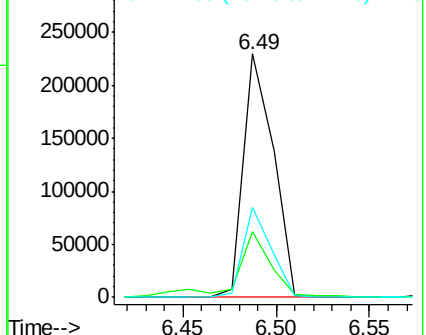
99 100

42 26.8 20.6 31.0

71 37.1 29.9 44.9



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



#10

Phenol

Concen: 11.27 ng

RT: 6.51 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091278.D

Acq: 23 Nov 2016 16:18

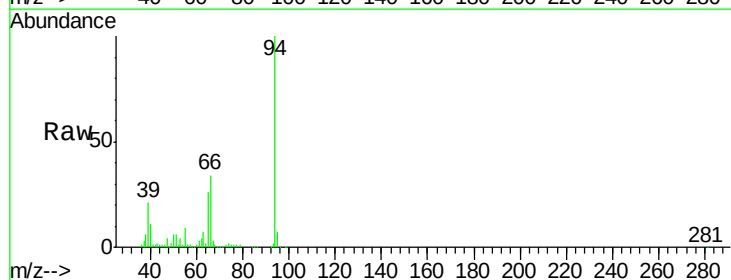
Tgt Ion: 94 Resp: 245496

Ion Ratio Lower Upper

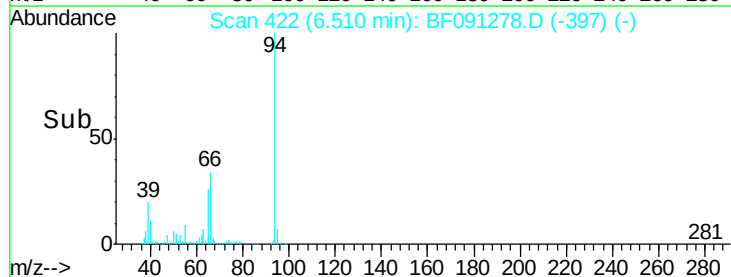
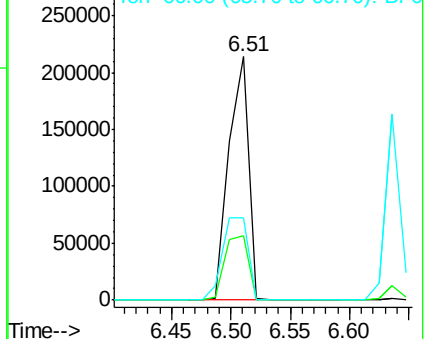
94 100

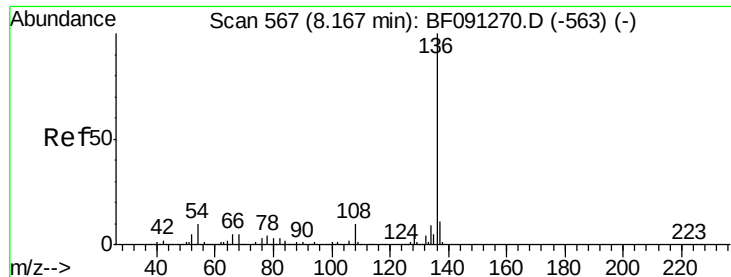
65 26.2 16.9 56.9

66 33.7 30.6 70.6



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF091278.D

Acq: 23 Nov 2016 16:18

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

Tgt Ion:136 Resp: 937389

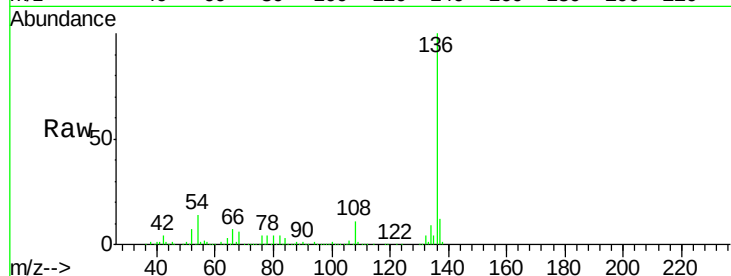
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 14.0 9.1 13.7#

68 6.4 5.9 8.9

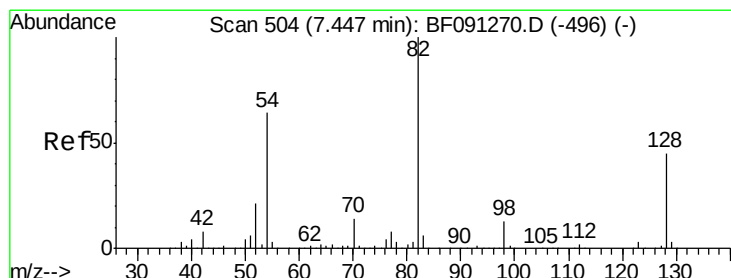
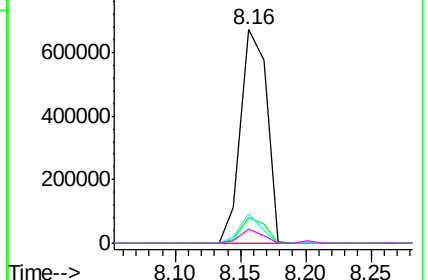
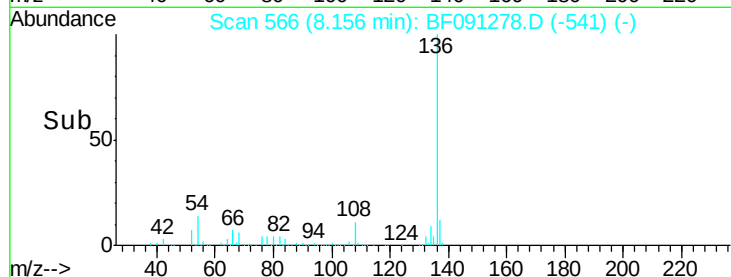


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.88 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF091278.D

Acq: 23 Nov 2016 16:18

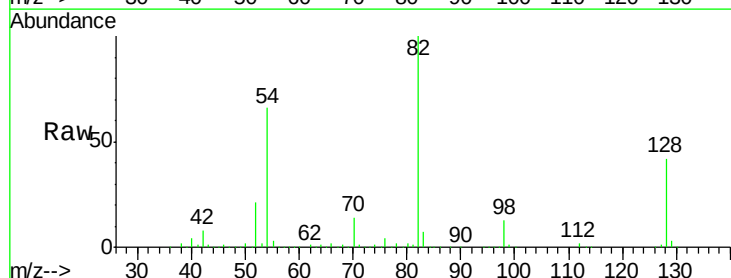
Tgt Ion: 82 Resp: 763261

Ion Ratio Lower Upper

82 100

128 41.9 31.8 47.6

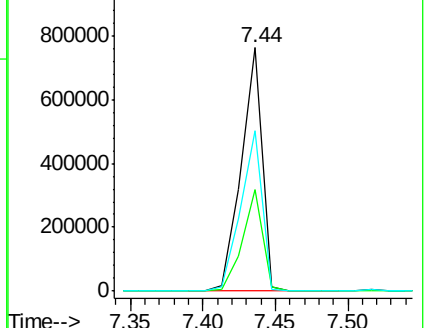
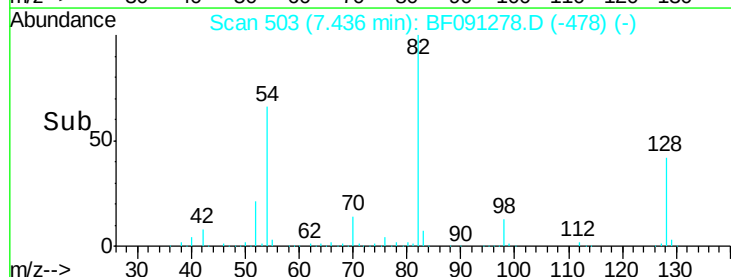
54 65.9 49.1 73.7

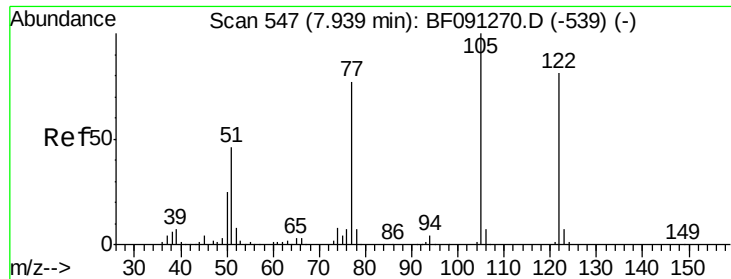


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

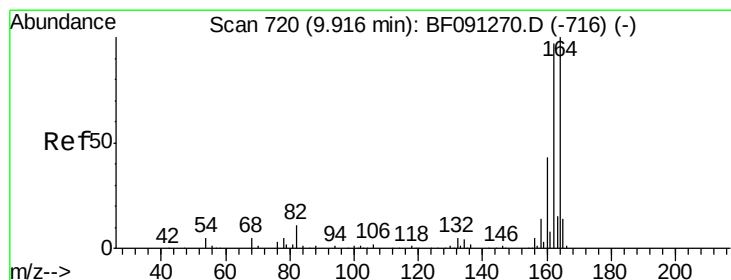
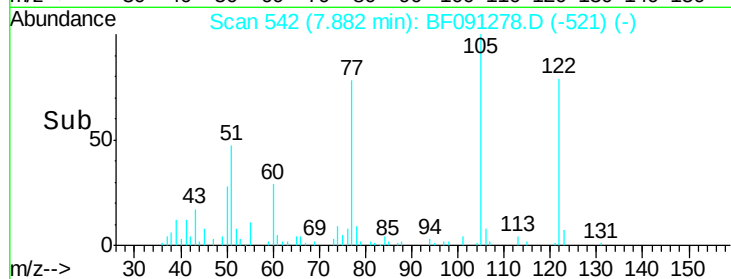
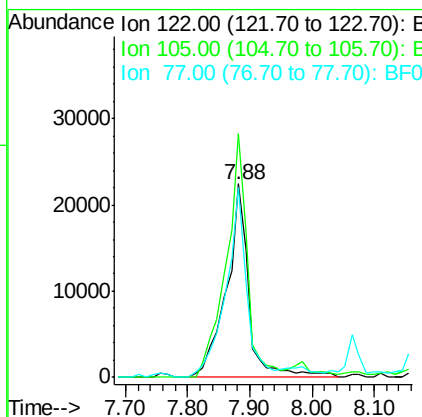
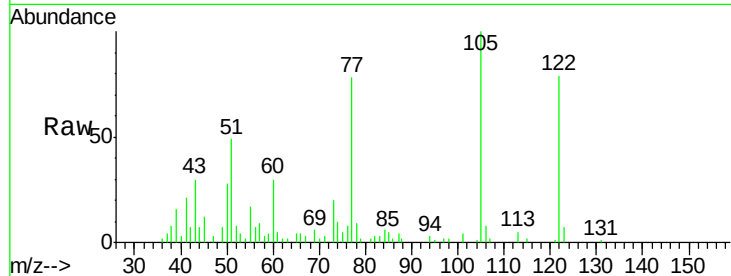




#32
Benzoic acid
Concen: 4.89 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF091278.D
Acq: 23 Nov 2016 16:18

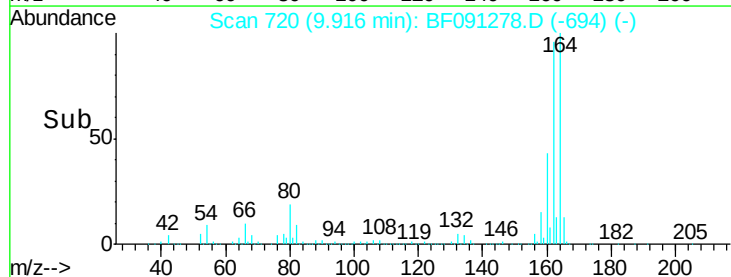
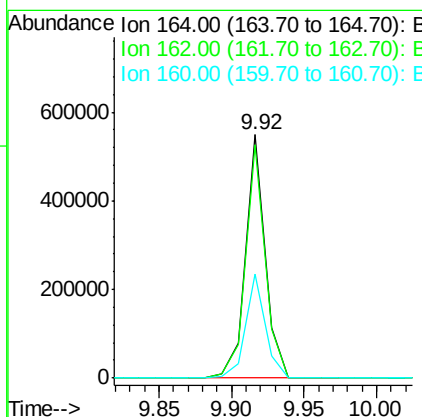
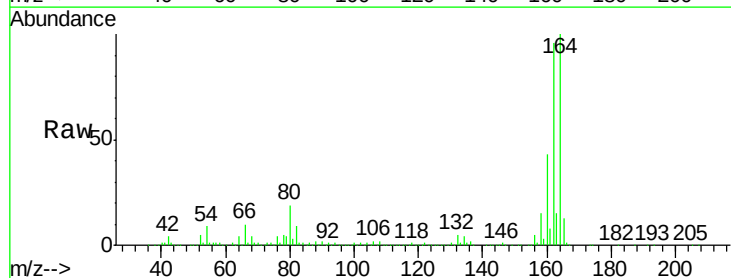
Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

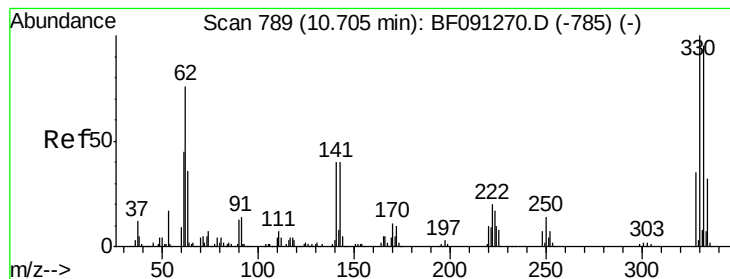
Tgt Ion:122 Resp: 55897
Ion Ratio Lower Upper
122 100
105 126.0 113.0 153.0
77 98.5 82.0 122.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091278.D
Acq: 23 Nov 2016 16:18

Tgt Ion:164 Resp: 516506
Ion Ratio Lower Upper
164 100
162 95.9 82.6 124.0
160 42.6 36.7 55.1

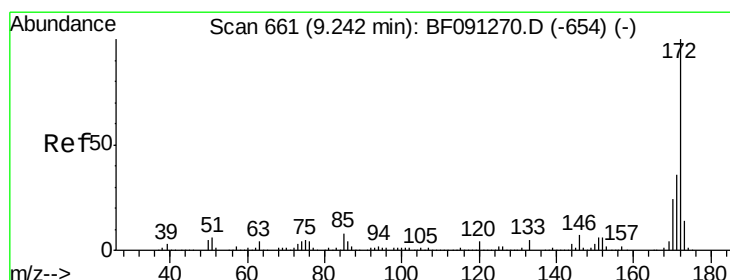
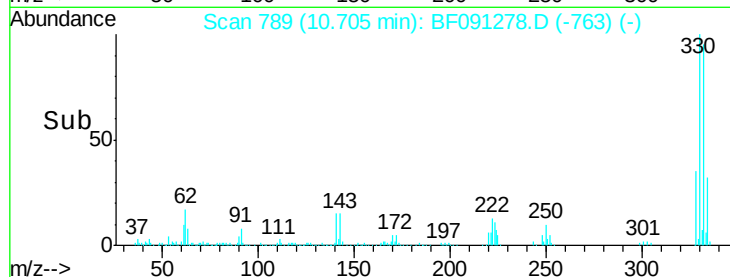
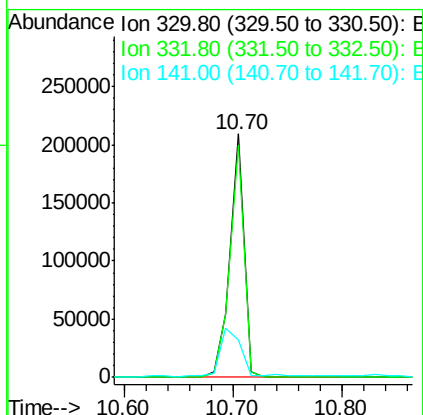
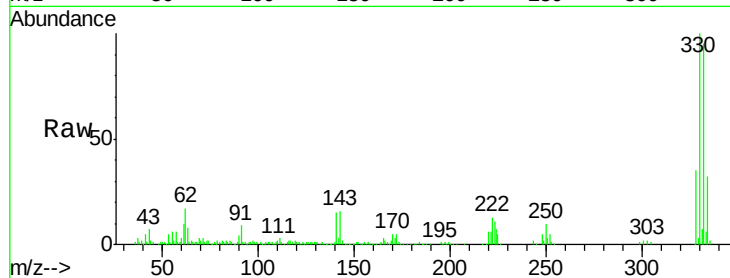




#41
 2,4,6-Tribromophenol
 Concen: 36.21 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091278.D
 Acq: 23 Nov 2016 16:18

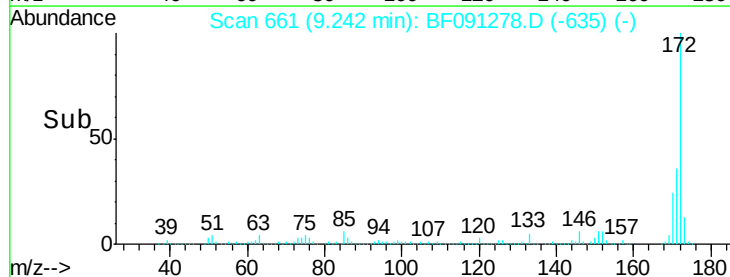
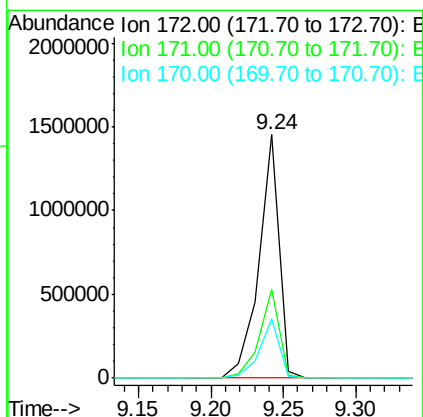
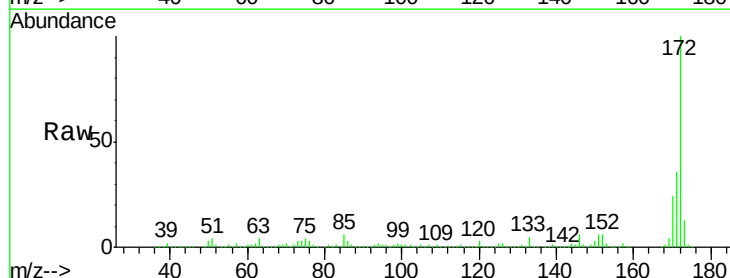
Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

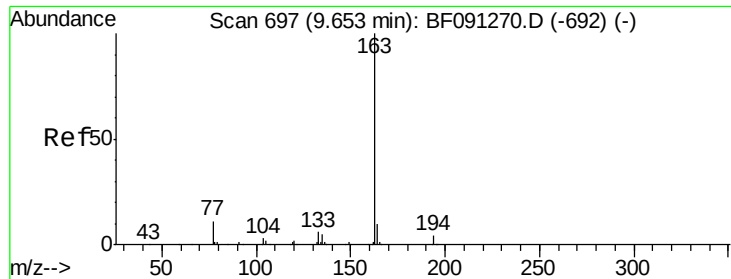
Tgt Ion:330 Resp: 188605
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 29.1 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 44.23 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091278.D
 Acq: 23 Nov 2016 16:18

Tgt Ion:172 Resp: 1395160
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.4 19.7 29.5

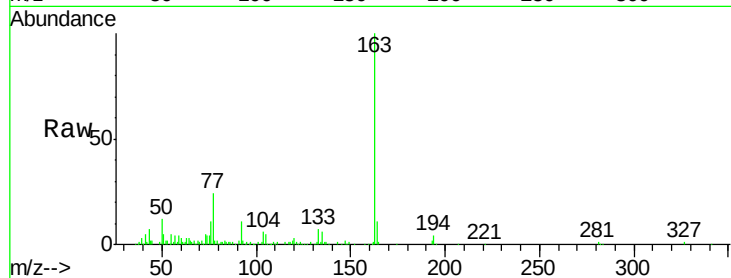




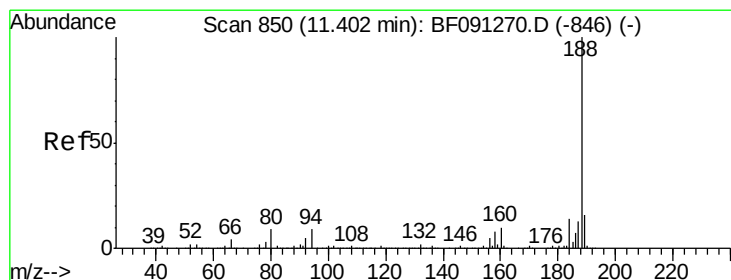
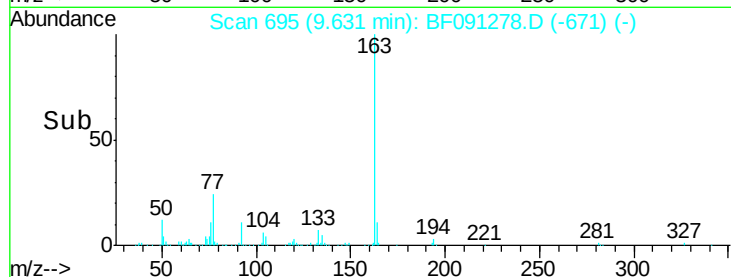
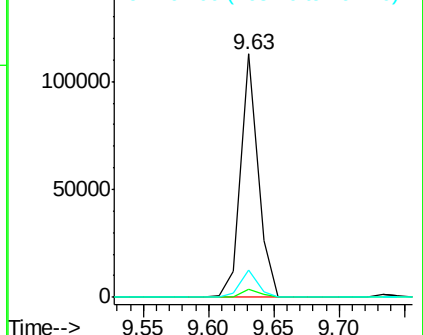
#49
Dimethylphthalate
Concen: 3.26 ng
RT: 9.63 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091278.D
Acq: 23 Nov 2016 16:18

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Tgt Ion:163 Resp: 105030
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 11.0 7.8 11.8

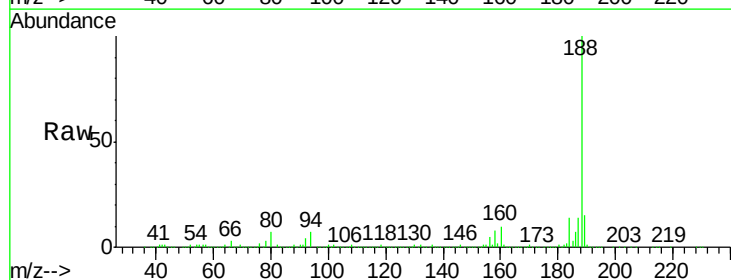


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

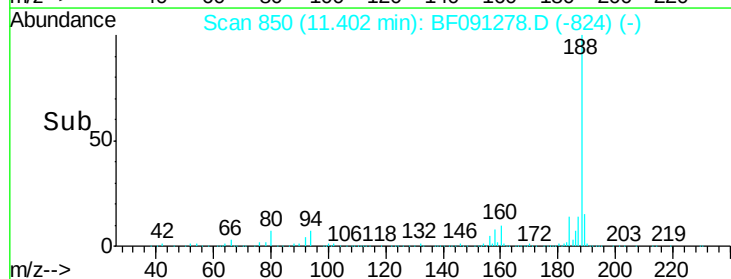
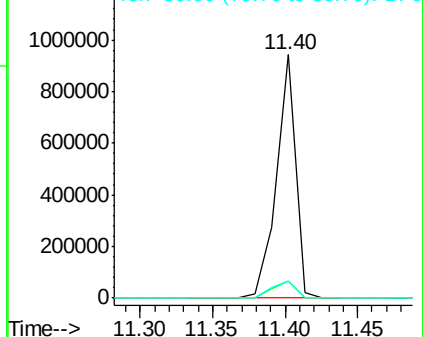


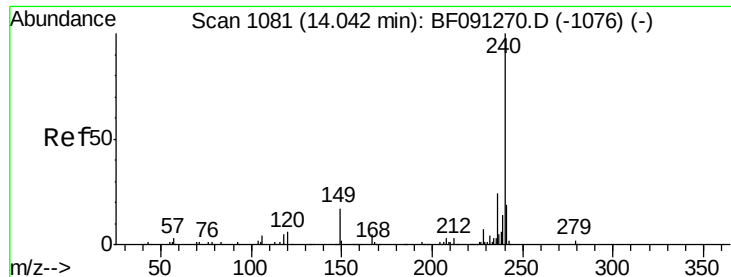
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091278.D
Acq: 23 Nov 2016 16:18

Tgt Ion:188 Resp: 862372
Ion Ratio Lower Upper
188 100
94 6.9 9.2 13.8#
80 7.2 10.5 15.7#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091278.D

Acq: 23 Nov 2016 16:18

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

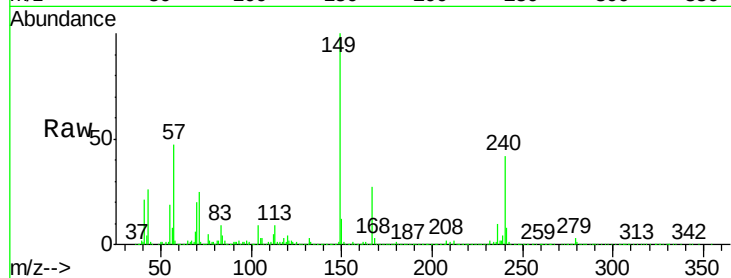
Tgt Ion:240 Resp: 514107

Ion Ratio Lower Upper

240 100

120 9.2 12.1 18.1#

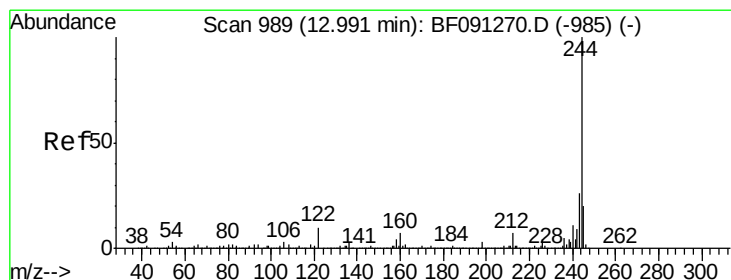
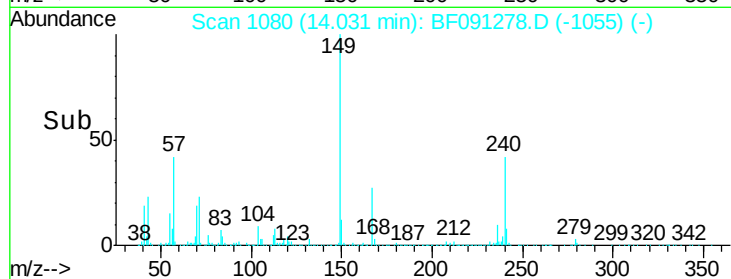
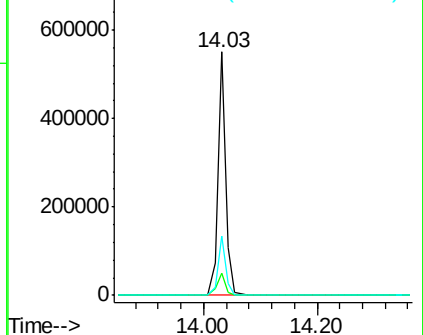
236 24.2 21.0 31.6



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: 32.71 ng

RT: 12.98 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF091278.D

Acq: 23 Nov 2016 16:18

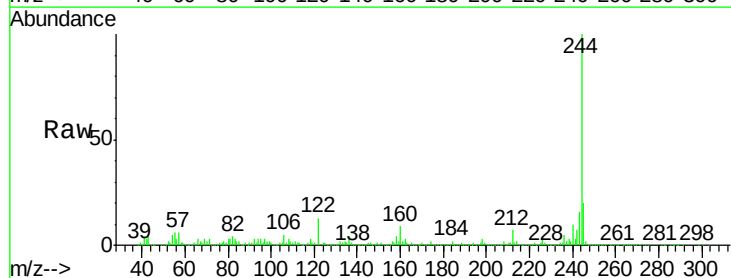
Tgt Ion:244 Resp: 736411

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

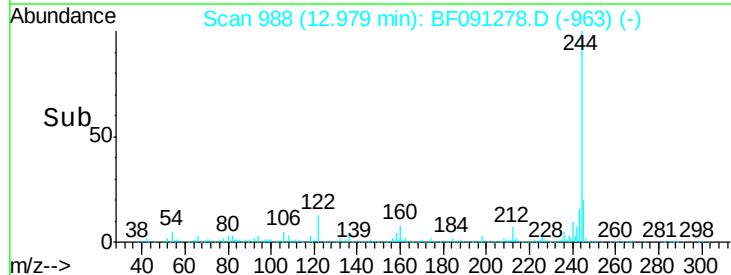
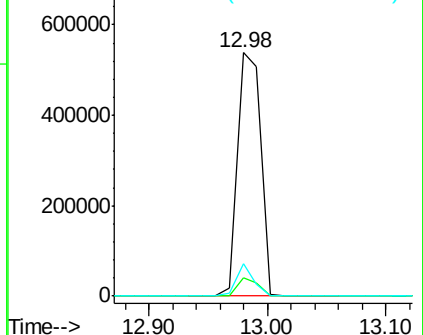
122 13.4 9.5 14.3

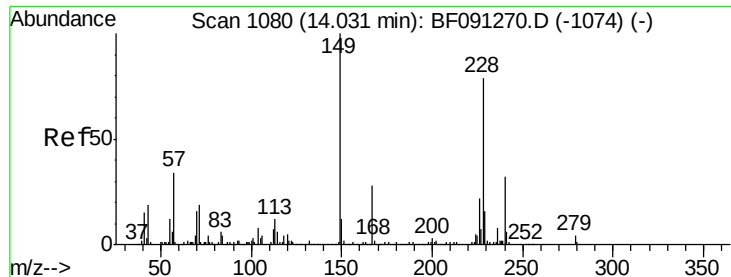


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

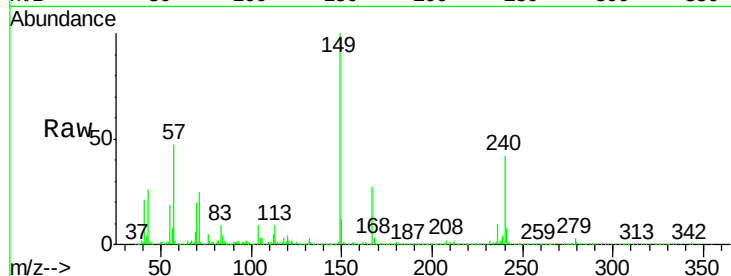




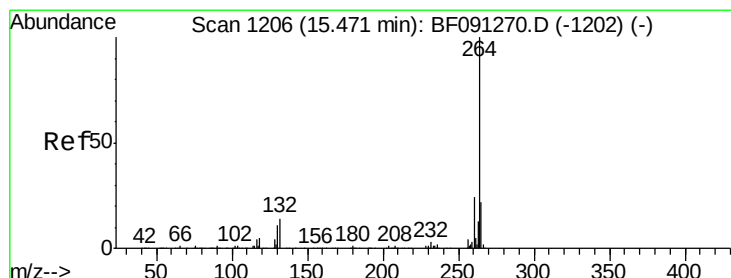
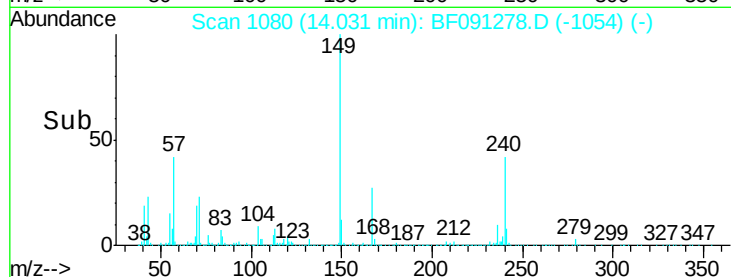
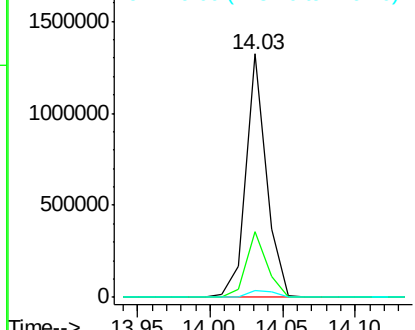
#83
Bis(2-ethylhexyl)phthalate
Concen: 67.64 ng
RT: 14.03 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BF091278.D
Acq: 23 Nov 2016 16:18

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Tgt Ion:149 Resp: 1280086
Ion Ratio Lower Upper
149 100
167 27.0 19.6 29.4
279 3.0 1.9 2.9#

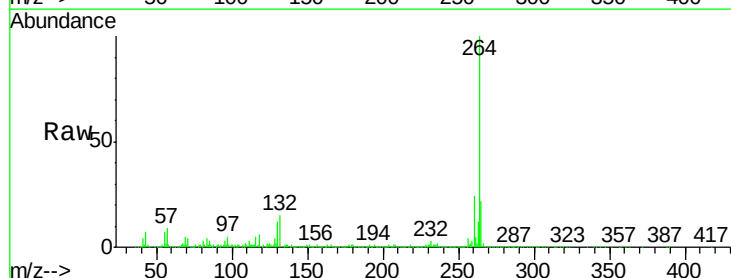


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091278.D
Acq: 23 Nov 2016 16:18

Tgt Ion:264 Resp: 575569
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.9 17.0 25.6



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

