

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088420.D
 Acq On : 26 Jun 2016 16:03
 Operator : UM/SJ
 Sample : H3684-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Quant Time: Jun 27 05:25:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

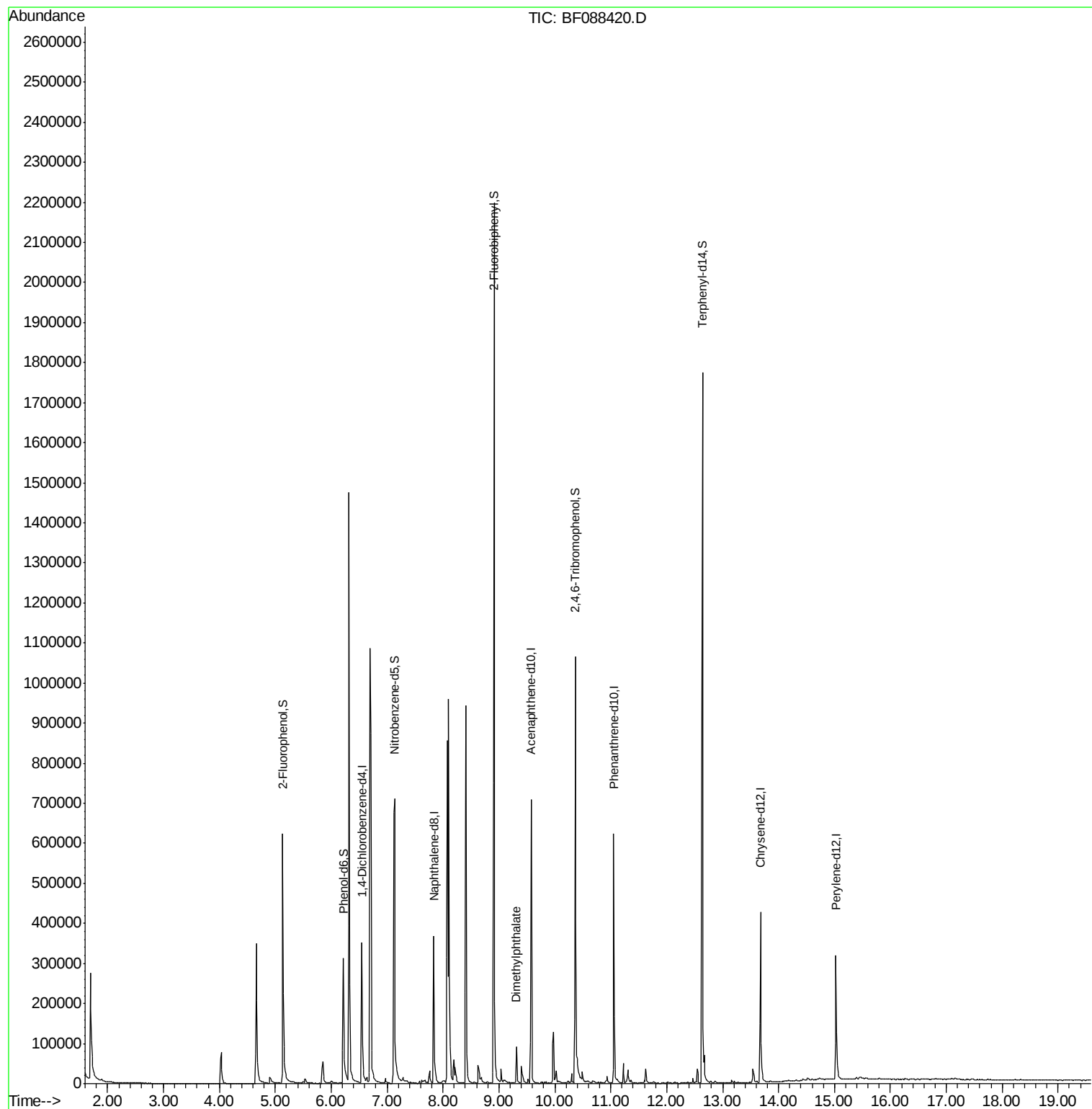
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	72687	20.00	ng	-0.06
21) Naphthalene-d8	7.84	136	297626	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	143434	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	260017	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	186645	20.00	ng	-0.07
86) Perylene-d12	15.03	264	149127	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	265751	62.50	ng	-0.05
7) Phenol-d6	6.22	99	193970	37.64	ng	-0.05
23) Nitrobenzene-d5	7.13	82	434550	85.26	ng	-0.05
41) 2,4,6-Tribromophenol	10.36	330	161371	106.55	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	792023	86.87	ng	-0.06
78) Terphenyl-d14	12.64	244	715310	87.21	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	39244	3.78	ng	99

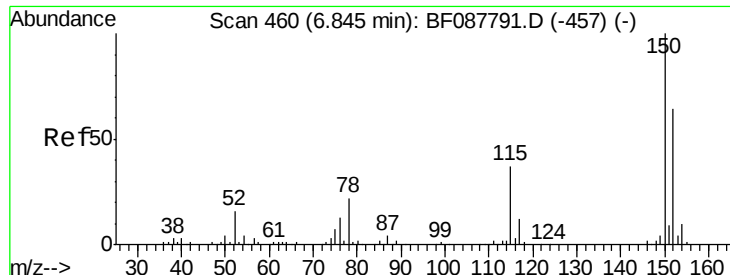
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.06 min

Lab File: BF088420.D

Acq: 26 Jun 2016 16:03

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

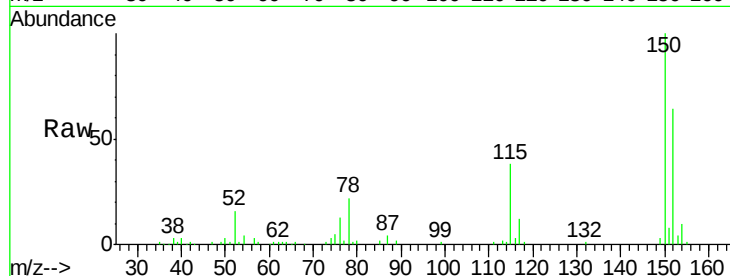
Tot Ion:152 Resp: 72687

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

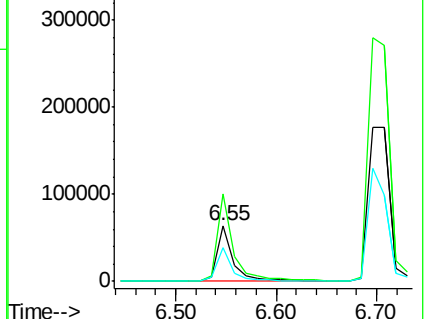
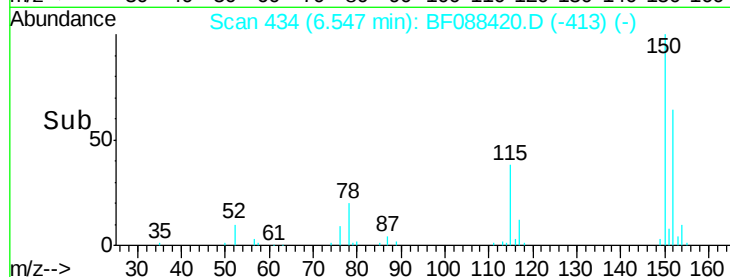
115 59.4 39.6 59.4



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: 62.50 ng

RT: 5.13 min Scan# 310

Delta R.T. -0.05 min

Lab File: BF088420.D

Acq: 26 Jun 2016 16:03

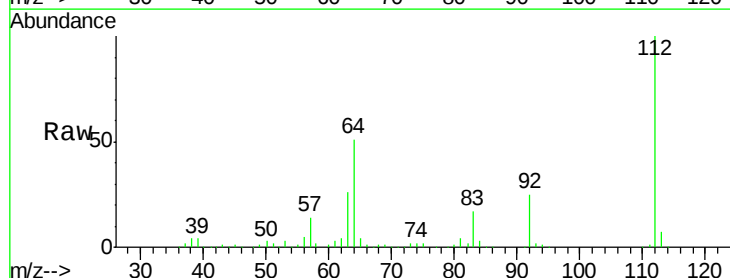
Tgt Ion:112 Resp: 265751

Ion Ratio Lower Upper

112 100

64 51.3 42.2 63.2

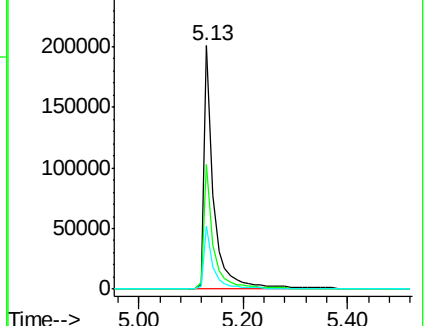
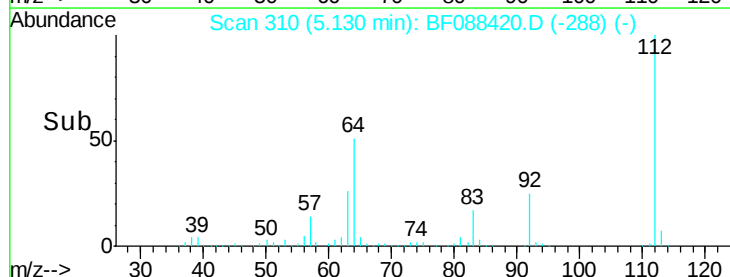
63 25.8 21.8 32.8



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: 37.64 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088420.D

Acq: 26 Jun 2016 16:03

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

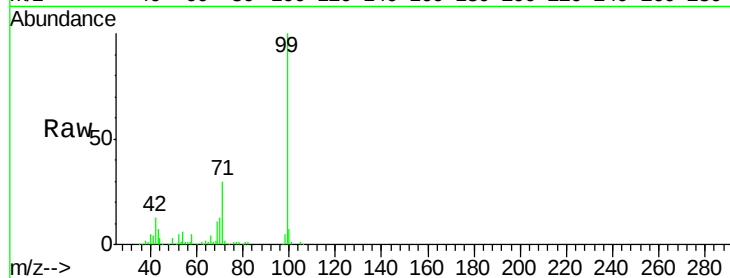
Tot Ion: 99 Resp: 193970

Ion Ratio Lower Upper

99 100

42 12.6 12.2 18.2

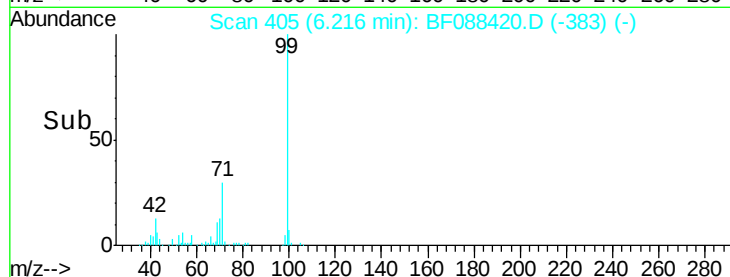
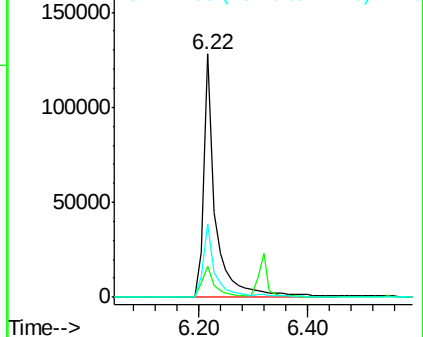
71 30.2 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.06 min

Lab File: BF088420.D

Acq: 26 Jun 2016 16:03

Tgt Ion: 136 Resp: 297626

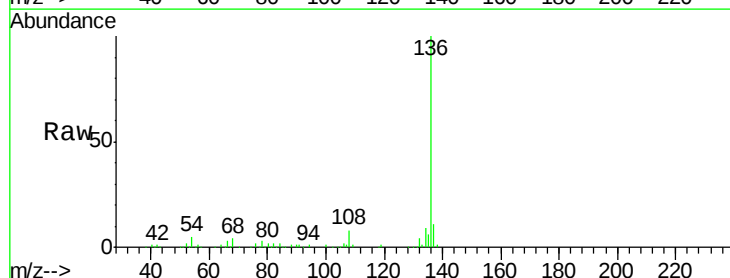
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 4.7 6.6 10.0#

68 4.1 5.1 7.7#

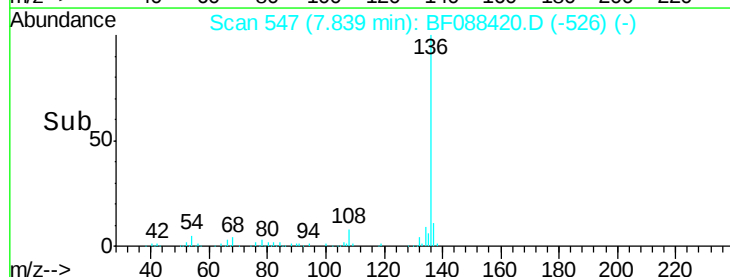
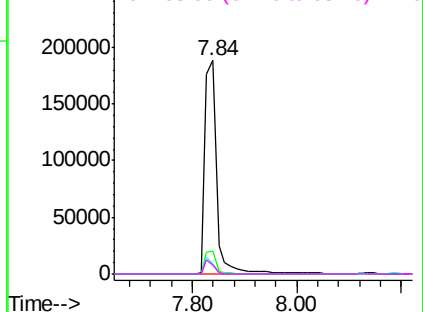


Abundance Ion 136.00 (135.70 to 136.70): E

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

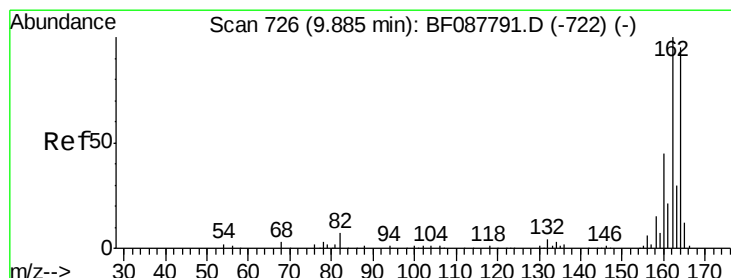
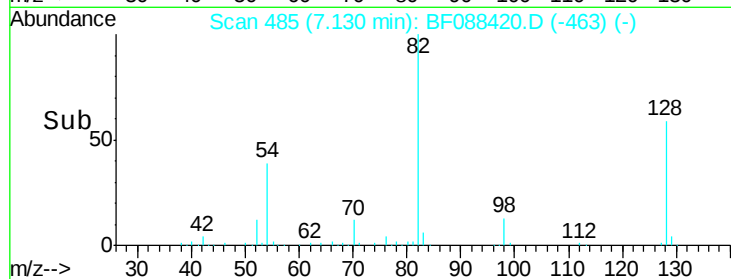
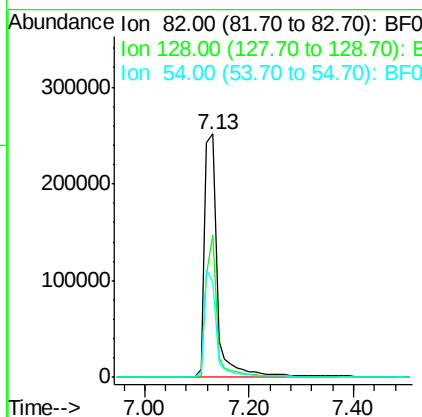
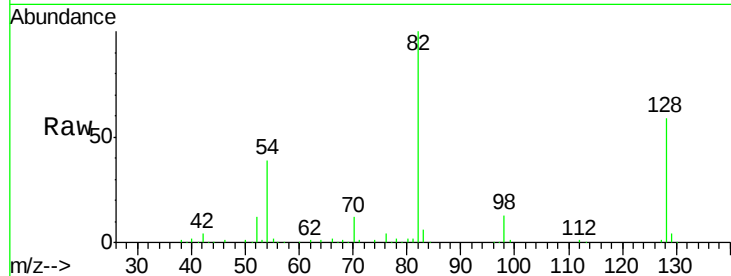




#23
 Nitrobenzene-d5
 Concen: 85.26 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF088420.D
 Acq: 26 Jun 2016 16:03

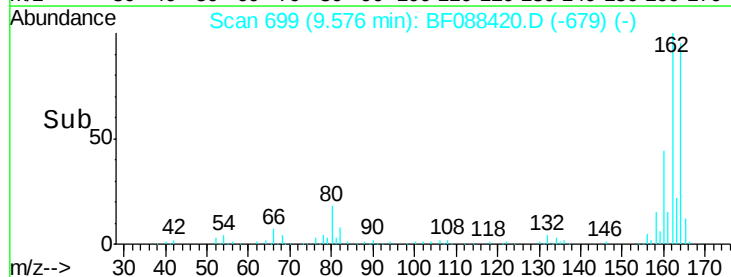
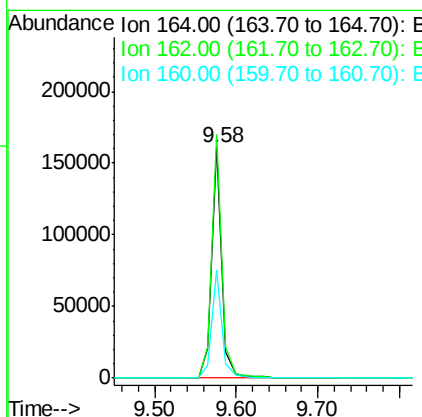
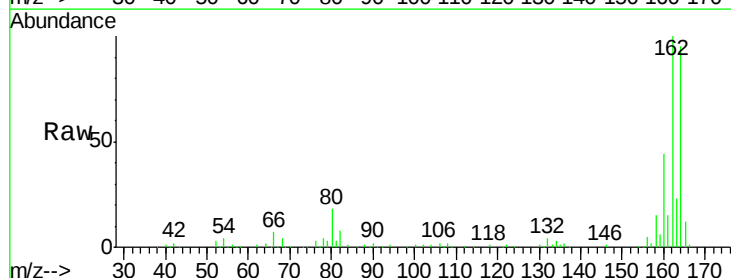
Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

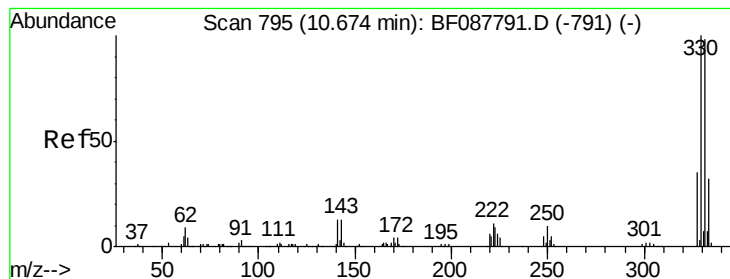
Tot Ion: 82 Resp: 434550
 Ion Ratio Lower Upper
 82 100
 128 58.5 35.9 53.9#
 54 39.2 40.9 61.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.07 min
 Lab File: BF088420.D
 Acq: 26 Jun 2016 16:03

Tgt Ion:164 Resp: 143434
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.4 128.2
 160 47.0 39.5 59.3





#41

2,4,6-Tribromophenol

Concen: 106.55 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.07 min

Lab File: BF088420.D

Acq: 26 Jun 2016 16:03

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

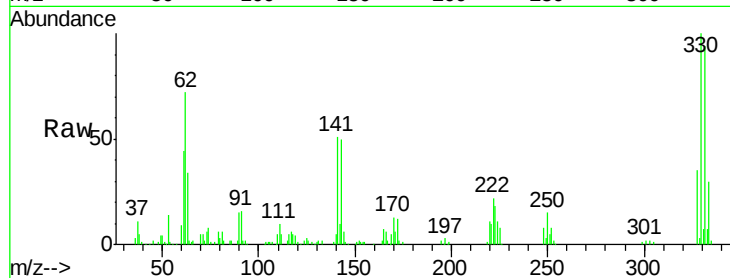
Tot Ion:330 Resp: 161371

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

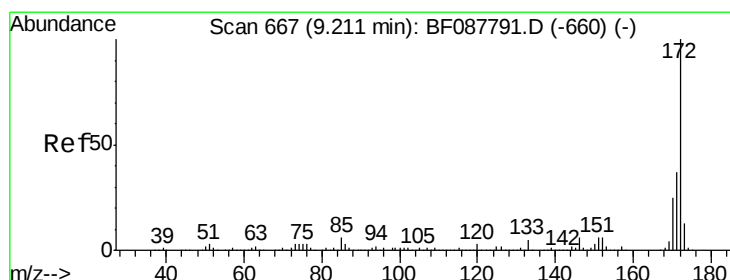
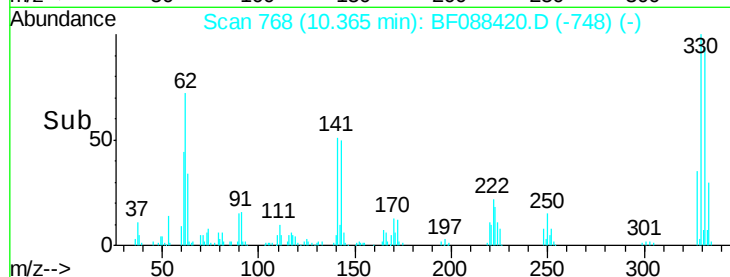
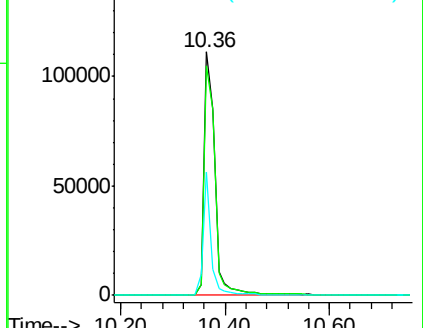
141 37.8 0.0 0.0#



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: 86.87 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.06 min

Lab File: BF088420.D

Acq: 26 Jun 2016 16:03

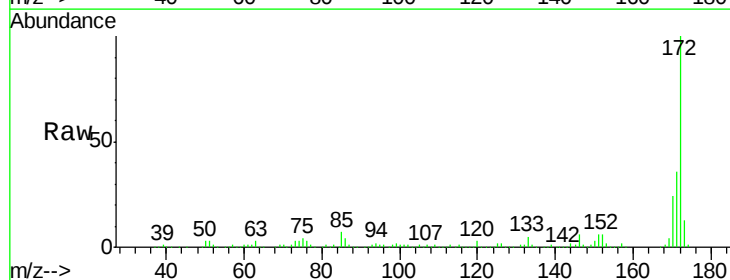
Tgt Ion:172 Resp: 792023

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

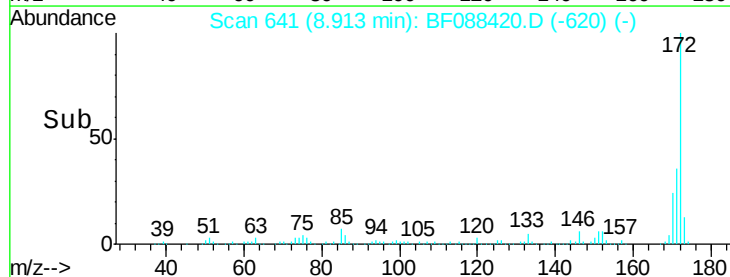
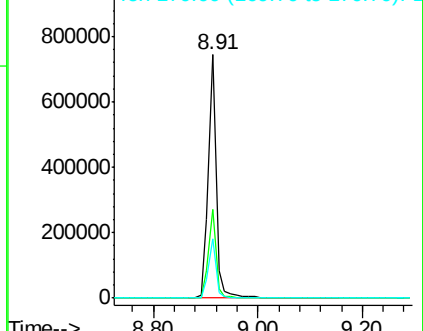
170 24.4 19.2 28.8

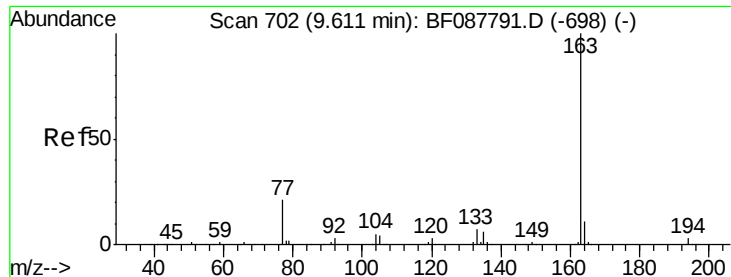


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

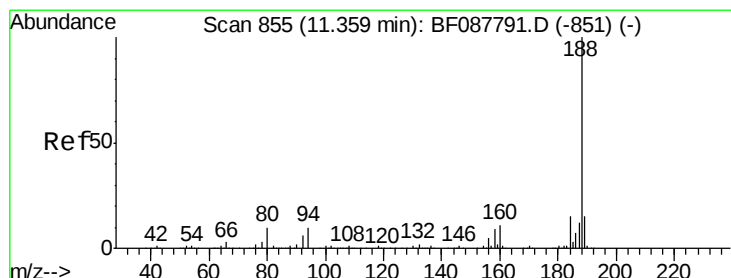
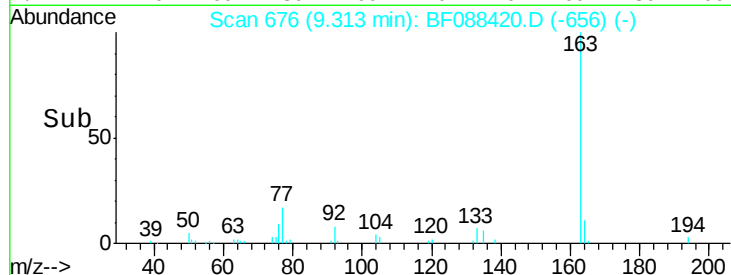
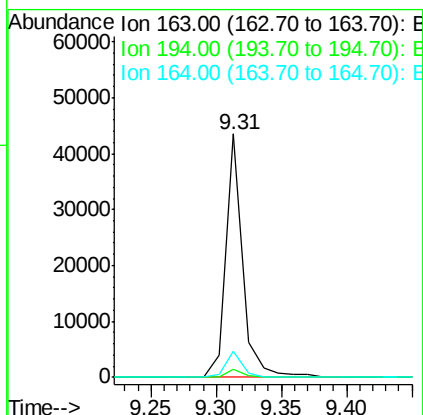
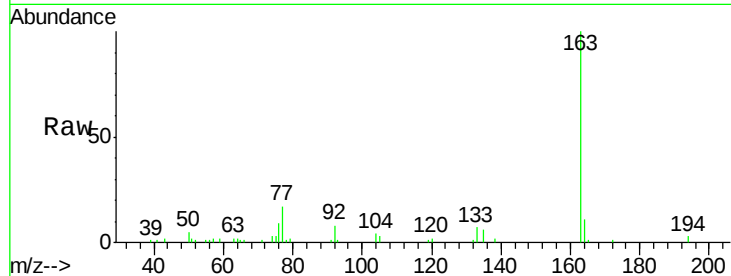




#49
Dimethylphthalate
Concen: 3.78 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

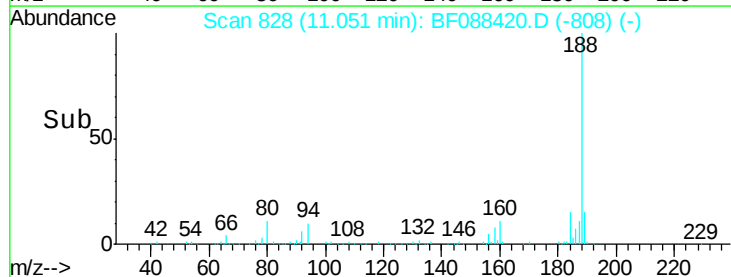
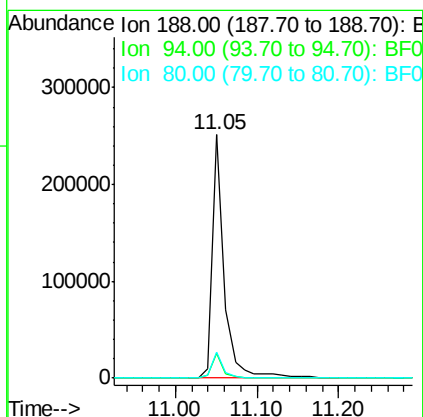
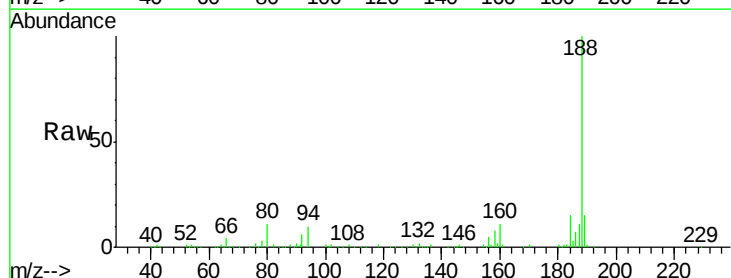
Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Tot Ion:163 Resp: 39244
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.8 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:188 Resp: 260017
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 10.7 10.0 15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF088420.D

Acq: 26 Jun 2016 16:03

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

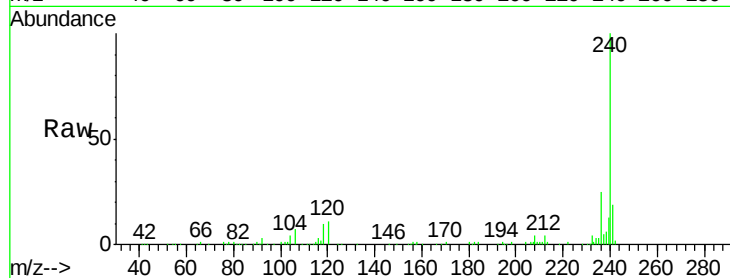
Tot Ion:240 Resp: 186645

Ion Ratio Lower Upper

240 100

120 11.0 6.8 10.2#

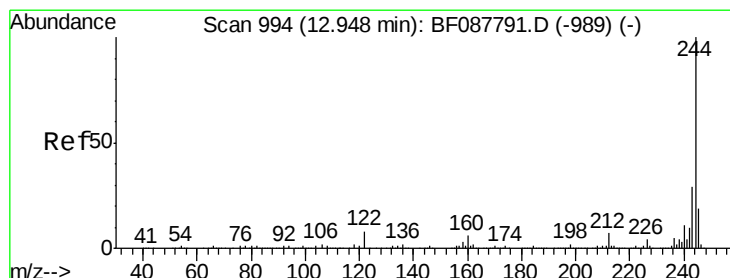
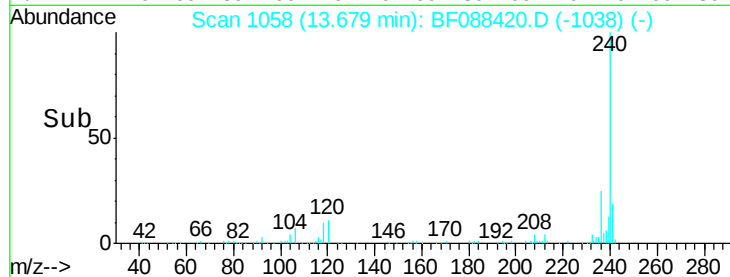
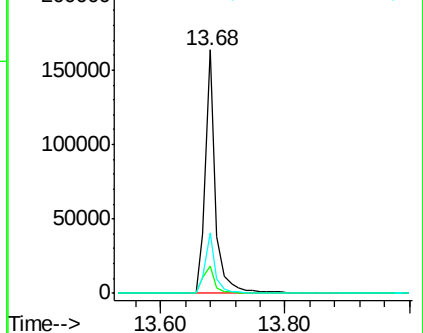
236 24.8 20.2 30.2



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: 87.21 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.06 min

Lab File: BF088420.D

Acq: 26 Jun 2016 16:03

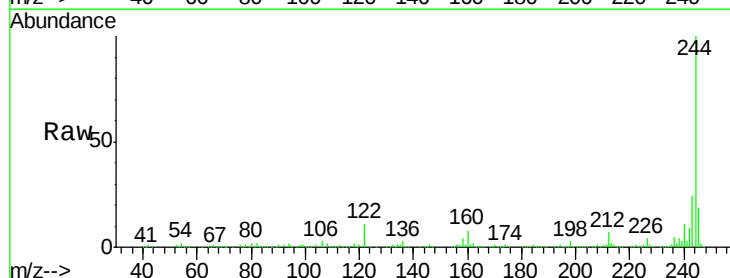
Tgt Ion:244 Resp: 715310

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

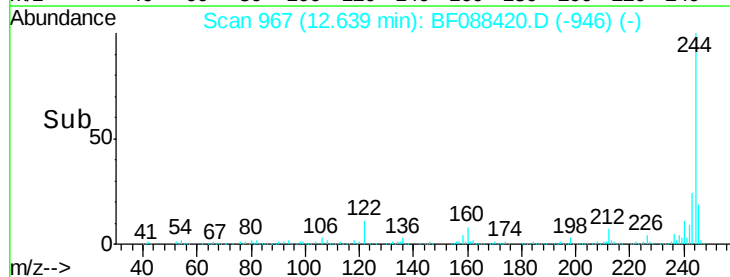
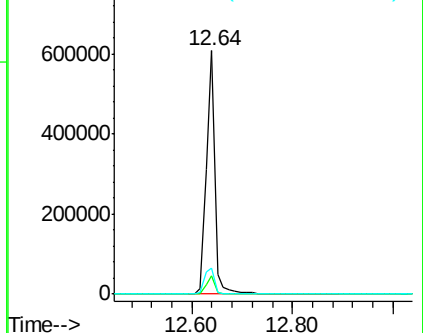
122 10.8 11.2 16.8#

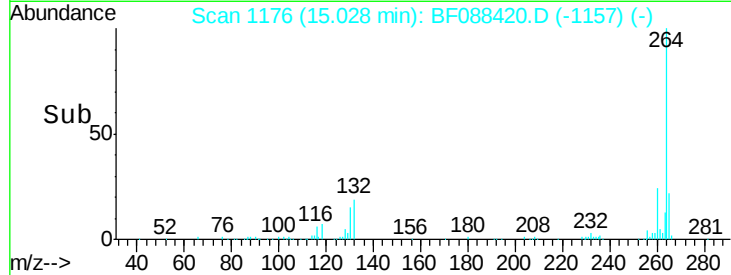
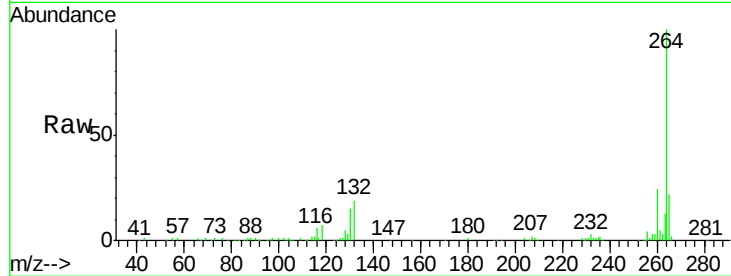
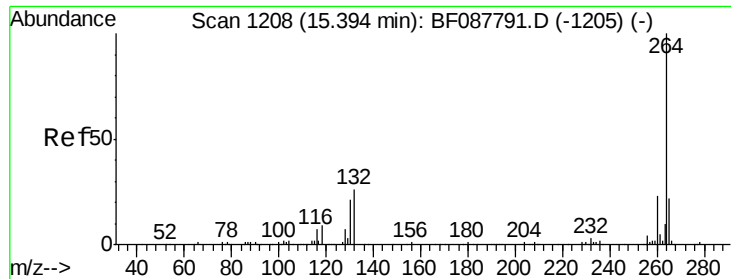


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.03 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF088420.D
 Acq: 26 Jun 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion:	264	Resp:	149127
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	16.9	25.3

