

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077218.D
 Acq On : 7 Feb 2015 00:22
 Operator : TP/IZ
 Sample : G1251-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-WATER-2

Quant Time: Feb 07 02:24:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:59:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	30572	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	127001	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	61548	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	121012	20.00	ng	0.00
75) Chrysene-d12	21.05	240	118839	20.00	ng	0.00
86) Perylene-d12	22.67	264	105992	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.67	112	59722	32.12	ng	0.01
7) Phenol-d6	7.07	99	44029	18.77	ng	0.01
23) Nitrobenzene-d5	8.94	82	208195	90.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.42	330	48645	97.37	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	436233	107.86	ng	0.00
78) Terphenyl-d14	19.79	244	423130	81.97	ng	0.00

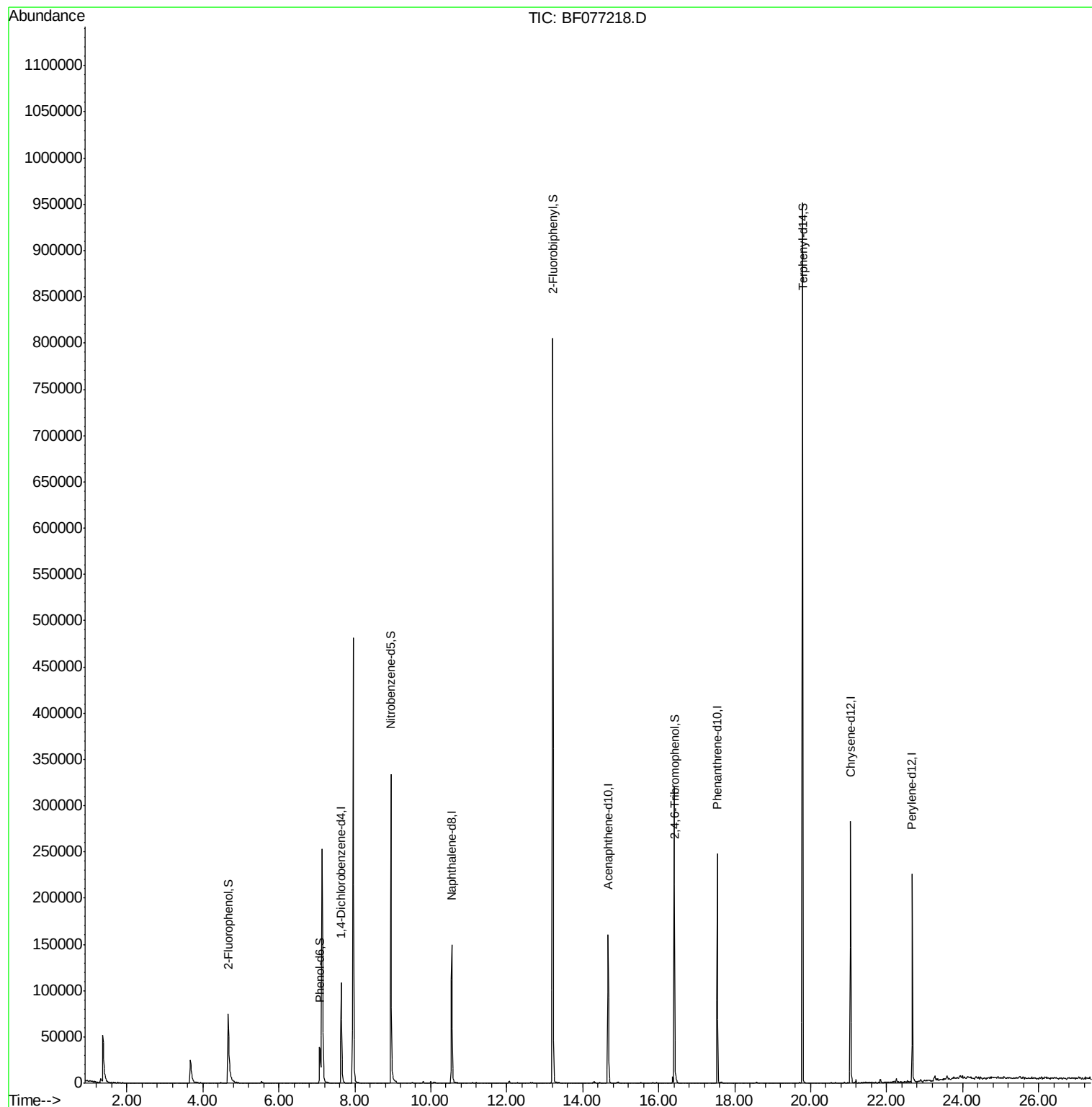
Target Compounds Qvalue

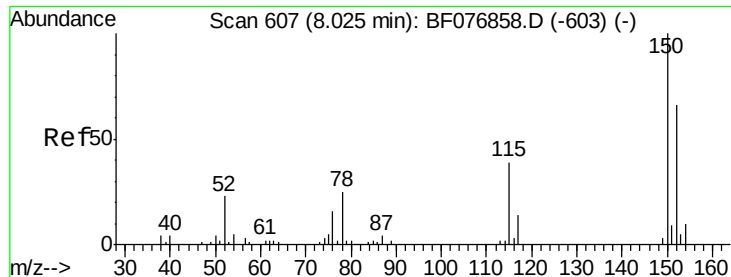
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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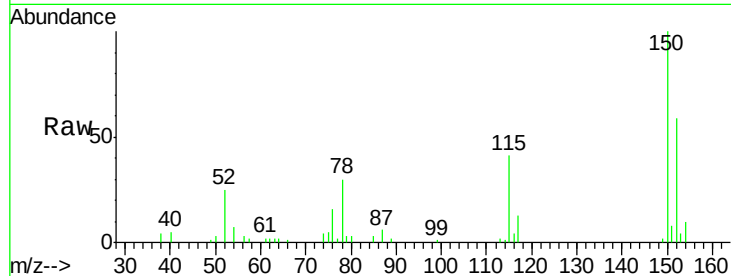


#1

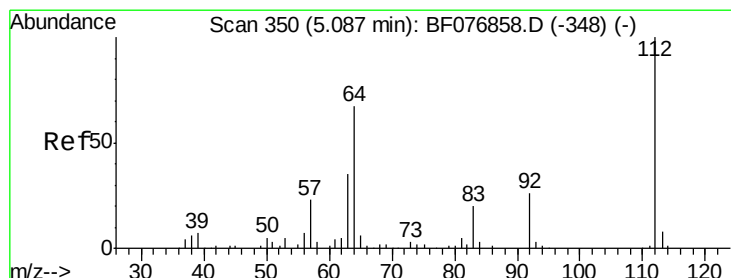
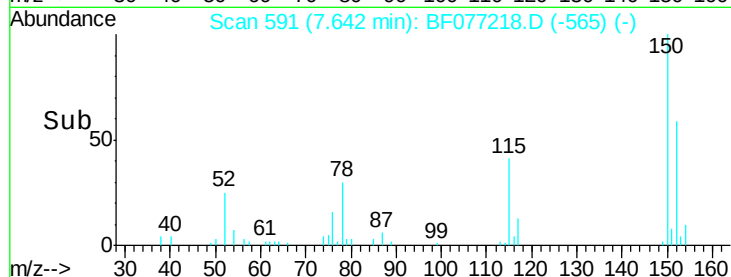
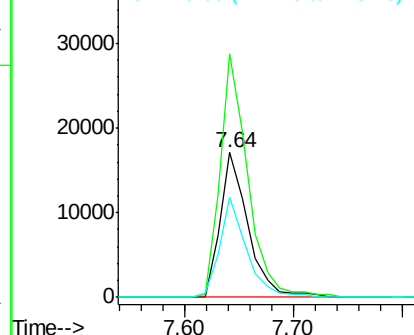
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077218.D
Acq: 7 Feb 2015 00:22

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-WATER-2

Tot Ion:152 Resp: 30572
Ion Ratio Lower Upper
152 100
150 168.3 121.7 182.5
115 69.4 47.0 70.6



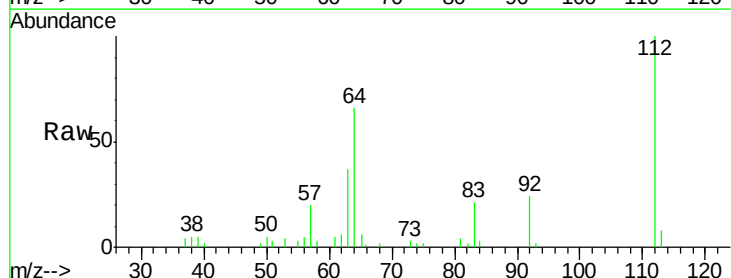
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



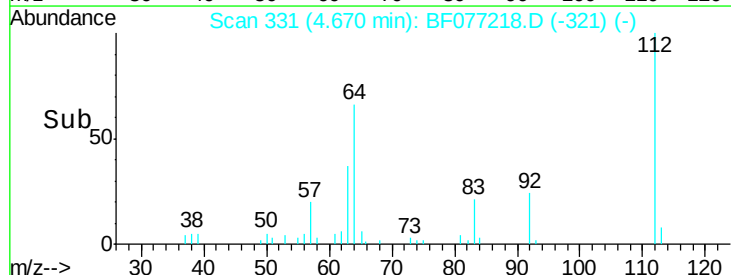
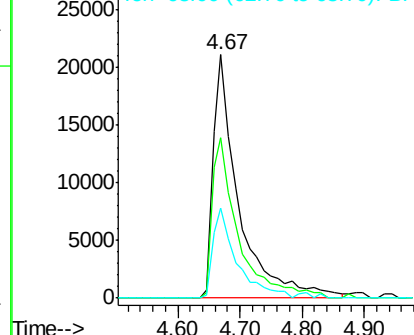
#5

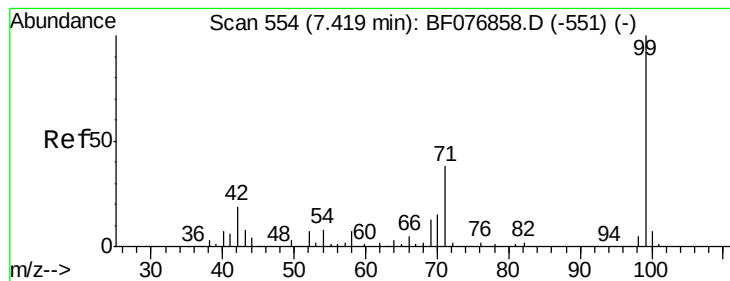
2-Fluorophenol
Concen: 32.12 ng
RT: 4.67 min Scan# 331
Delta R.T. 0.01 min
Lab File: BF077218.D
Acq: 7 Feb 2015 00:22

Tgt Ion:112 Resp: 59722
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.4
63 37.0 28.4 42.6



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: 18.77 ng

RT: 7.07 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF077218.D

Acq: 7 Feb 2015 00:22

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-WATER-2

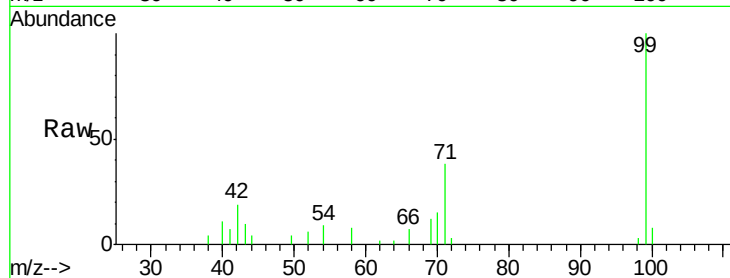
Tot Ion: 99 Resp: 44029

Ion Ratio Lower Upper

99 100

42 19.5 15.0 22.4

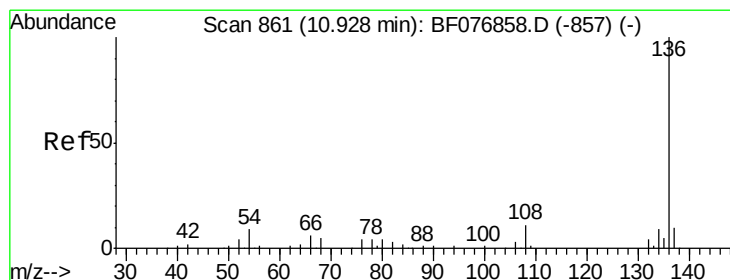
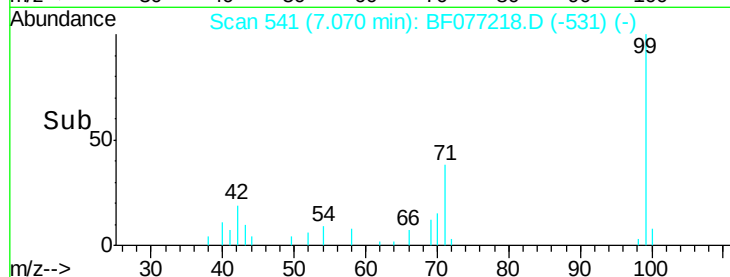
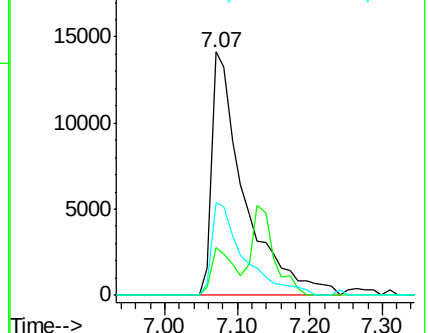
71 37.9 30.5 45.7



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: 10.56 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF077218.D

Acq: 7 Feb 2015 00:22

Tgt Ion: 136 Resp: 127001

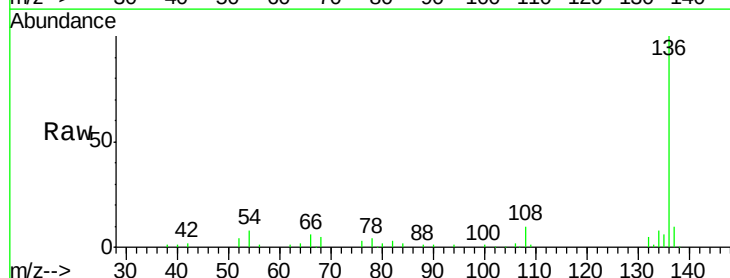
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 8.4 7.0 10.4

68 4.5 3.7 5.5

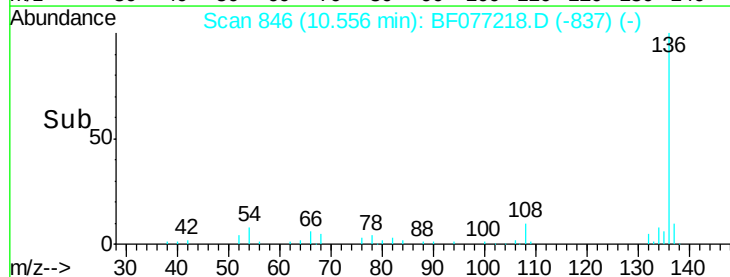
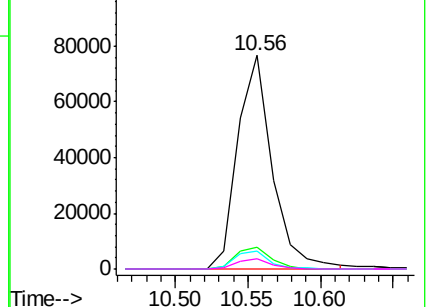


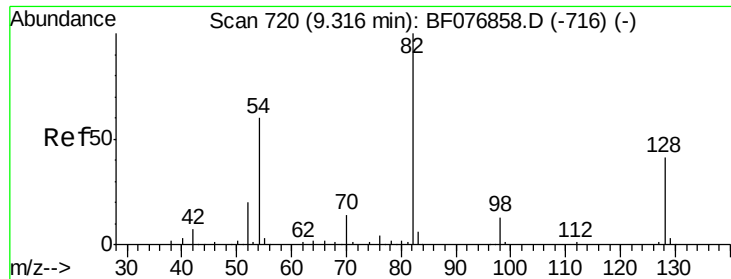
Abundance Ion 136.00 (135.70 to 136.70): E

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

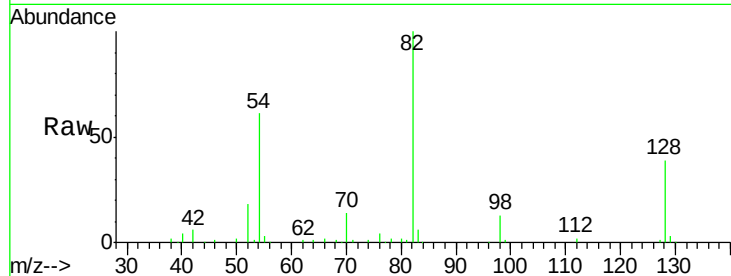




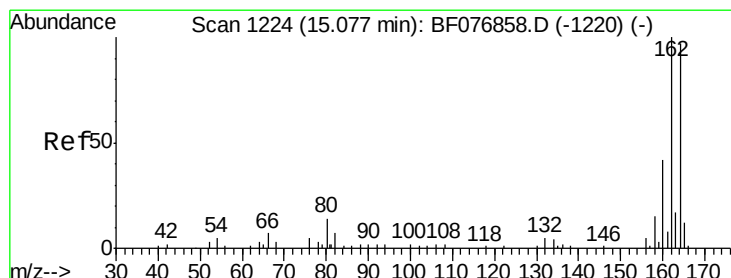
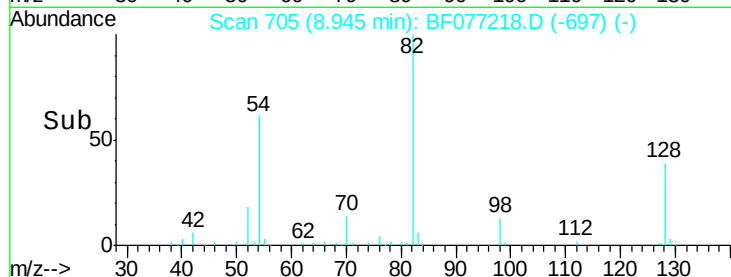
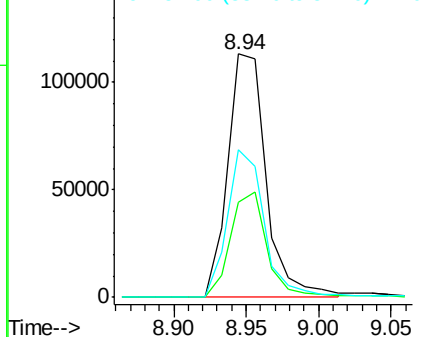
#23
 Nitrobenzene-d5
 Concen: 90.82 ng
 RT: 8.94 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077218.D
 Acq: 7 Feb 2015 00:22

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-WATER-2

Tot Ion	82	Resp	208195
Ion Ratio	Lower	Upper	
82	100		
128	38.9	33.1	49.7
54	60.7	48.3	72.5

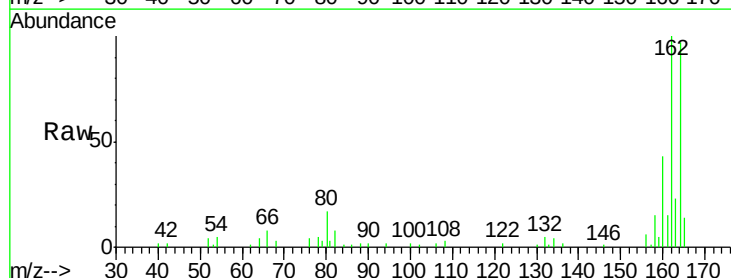


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

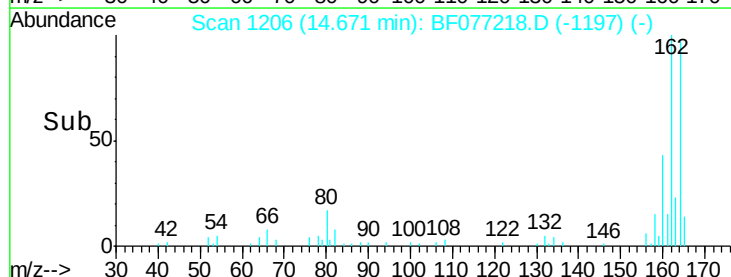
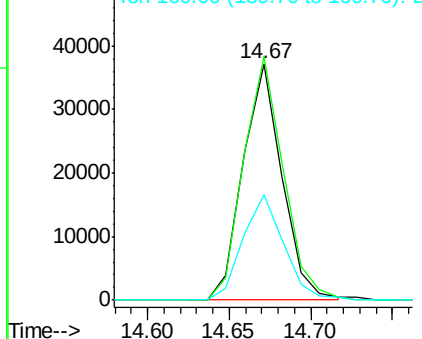


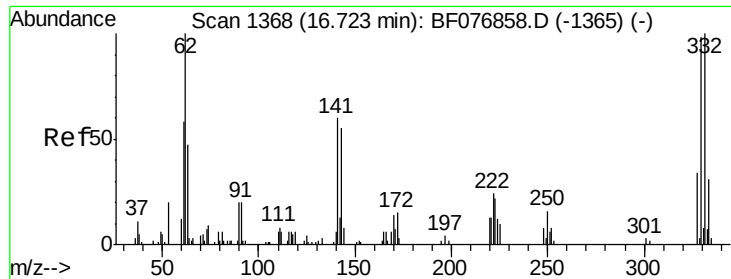
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF077218.D
 Acq: 7 Feb 2015 00:22

Tgt Ion	164	Resp	61548
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.4	123.6
160	44.6	34.8	52.2



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: 97.37 ng

RT: 16.42 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF077218.D

Acq: 7 Feb 2015 00:22

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-WATER-2

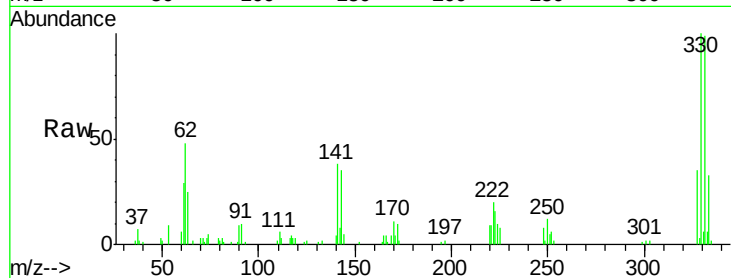
Tot Ion:330 Resp: 48645

Ion Ratio Lower Upper

330 100

332 98.3 77.8 116.6

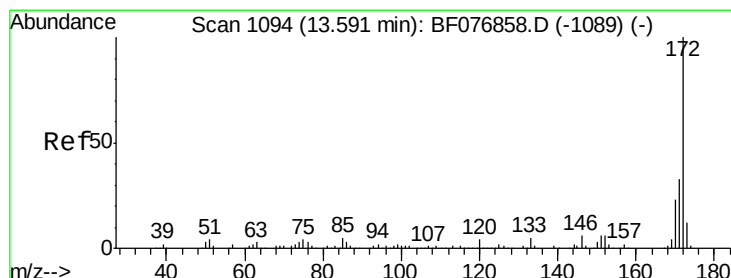
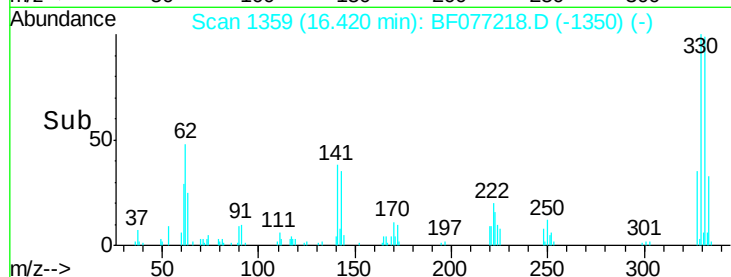
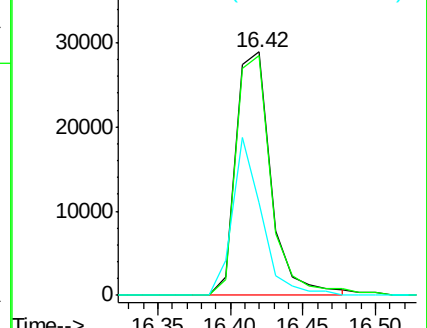
141 53.9 38.5 57.7



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: 107.86 ng

RT: 13.21 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF077218.D

Acq: 7 Feb 2015 00:22

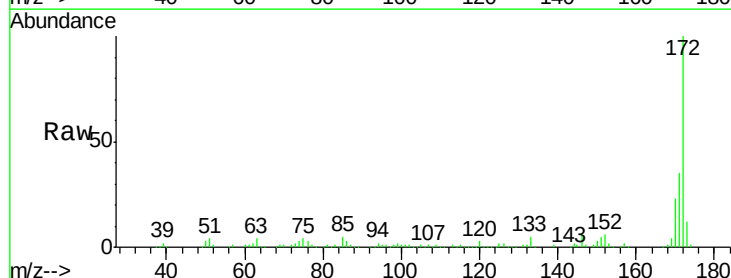
Tgt Ion:172 Resp: 436233

Ion Ratio Lower Upper

172 100

171 34.9 26.6 40.0

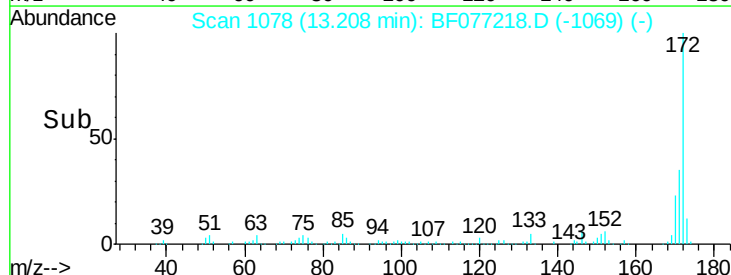
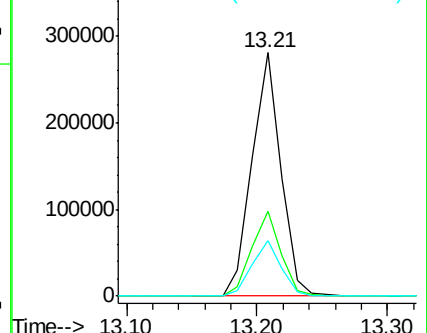
170 22.6 18.0 27.0

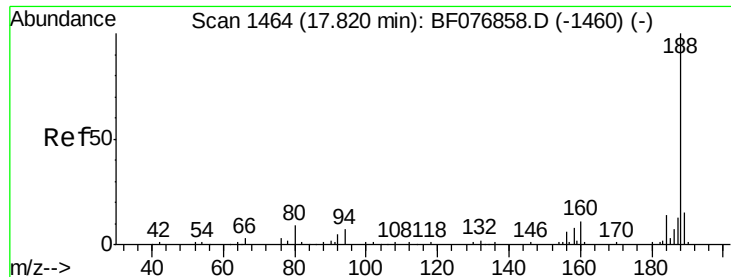


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

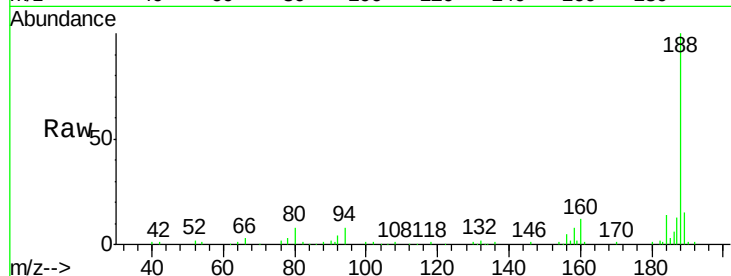




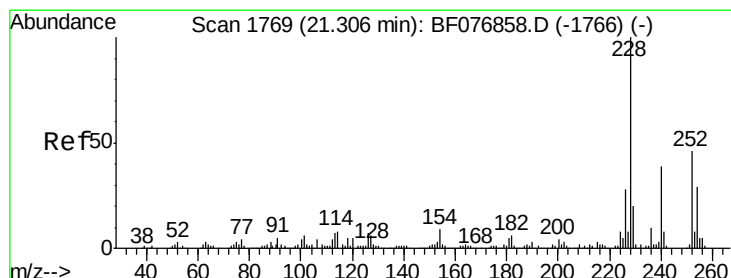
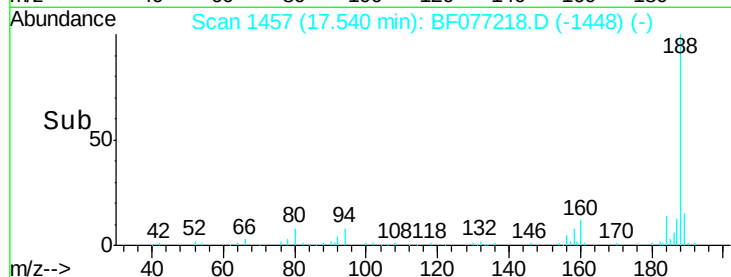
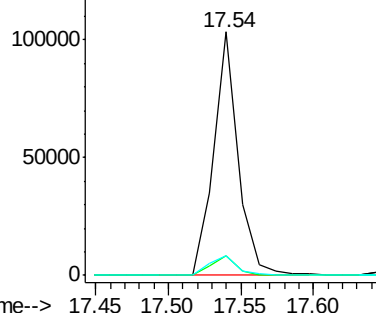
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF077218.D
Acq: 7 Feb 2015 00:22

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-WATER-2

Tot Ion:188 Resp: 121012
Ion Ratio Lower Upper
188 100
94 8.2 6.0 9.0
80 7.9 6.9 10.3

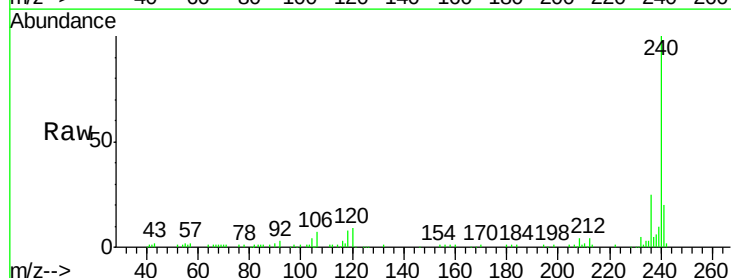


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

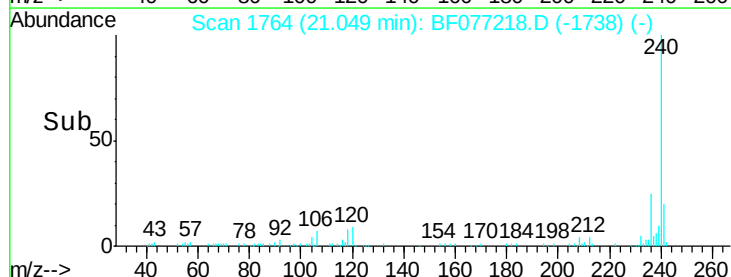
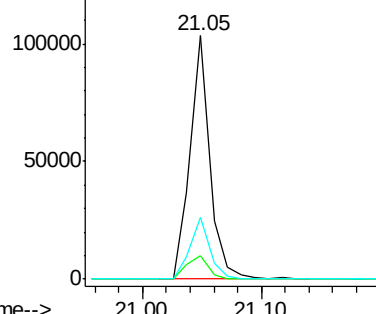


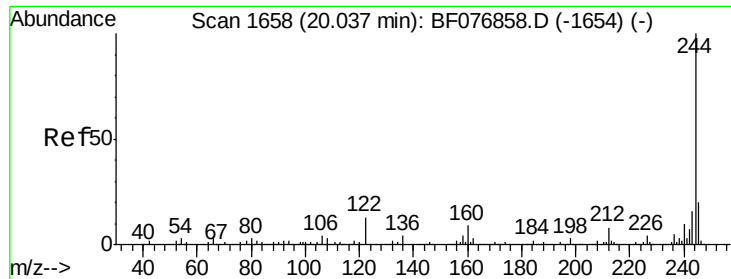
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF077218.D
Acq: 7 Feb 2015 00:22

Tgt Ion:240 Resp: 118839
Ion Ratio Lower Upper
240 100
120 9.4 10.4 15.6#
236 25.3 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

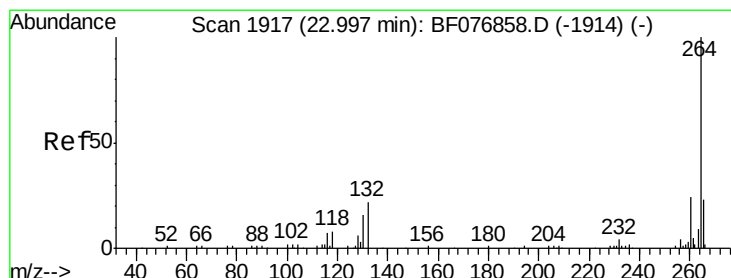
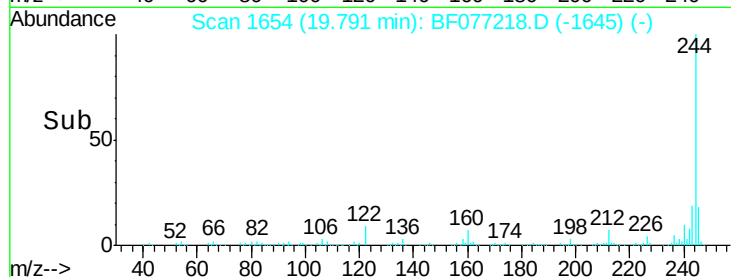
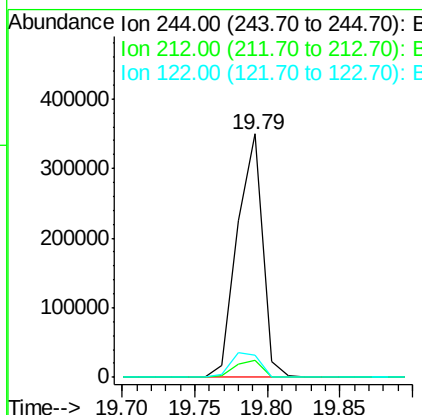
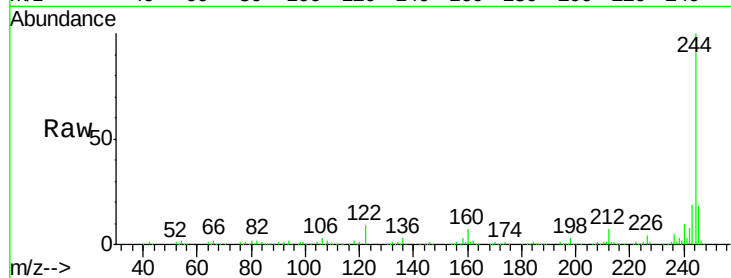




#78
 Terphenyl-d14
 Concen: 81.97 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BF077218.D
 Acq: 7 Feb 2015 00:22

Instrument :
 BNA_F
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 EXCAVATION-WATER-2

Tot Ion:244 Resp: 423130
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 9.0 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.67 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF077218.D
 Acq: 7 Feb 2015 00:22

Tgt Ion:264 Resp: 105992
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 22.0 18.1 27.1

