

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077917.D
 Acq On : 24 Mar 2015 17:55
 Operator : TP/IZ
 Sample : G1610-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POTABLE-WELL

Quant Time: Mar 25 01:41:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	41621	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	166447	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	81858	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	162831	20.00	ng	0.00
75) Chrysene-d12	15.97	240	173626	20.00	ng	0.00
86) Perylene-d12	17.72	264	167709	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	98740	41.41	ng	0.00
7) Phenol-d6	6.69	99	86365	29.32	ng	0.00
23) Nitrobenzene-d5	7.81	82	195018	76.80	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	34506	44.06	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	440321	79.05	ng	0.00
78) Terphenyl-d14	14.69	244	532625	74.93	ng	0.00

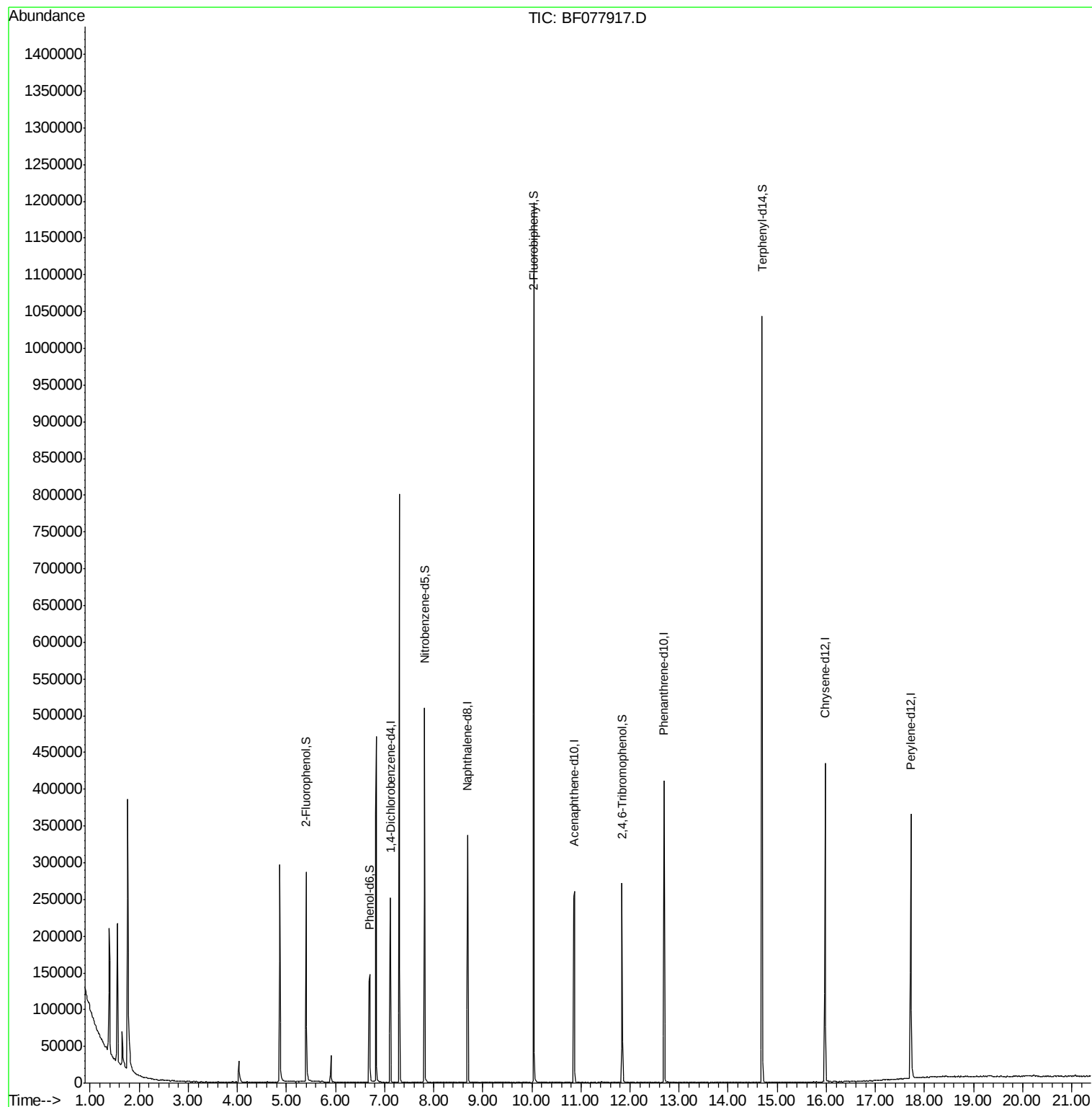
Target Compounds	Qvalue
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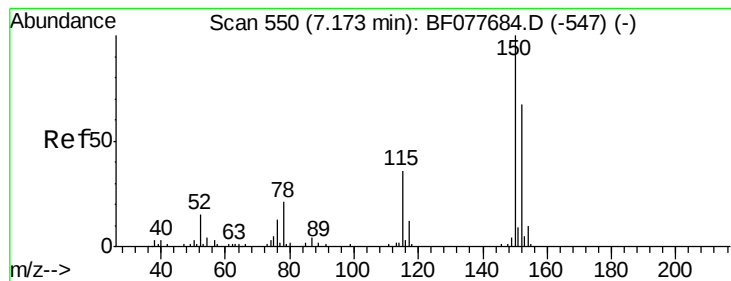
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 25 00:51:55 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077917.D

Acq: 24 Mar 2015 17:55

Instrument :

BNA_F

ClientSampleId :

POTABLE-WELL

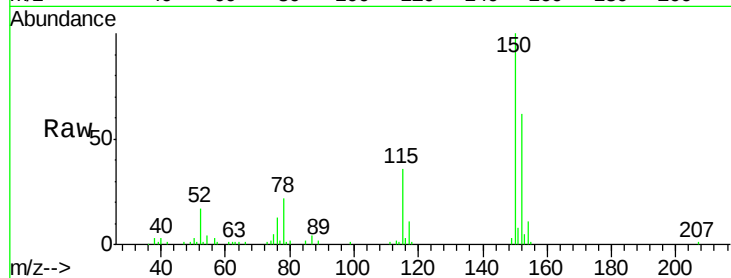
Tgt Ion:152 Resp: 41621

Ion Ratio Lower Upper

152 100

150 161.9 119.5 179.3

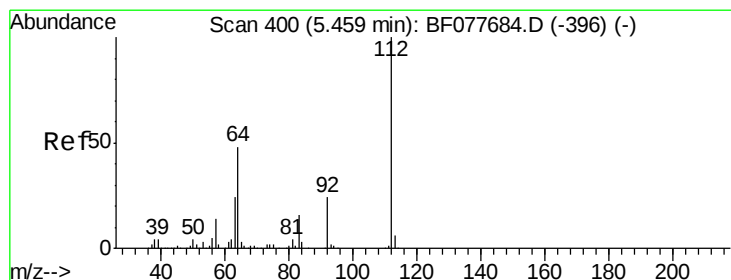
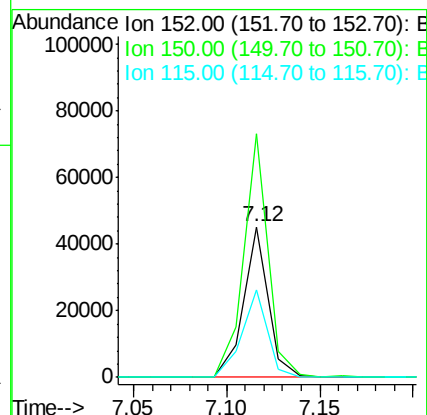
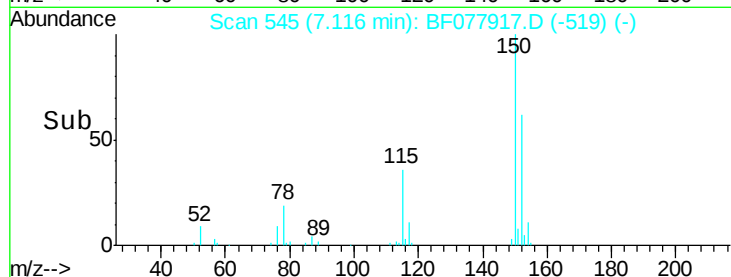
115 58.2 43.0 64.4



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: 41.41 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077917.D

Acq: 24 Mar 2015 17:55

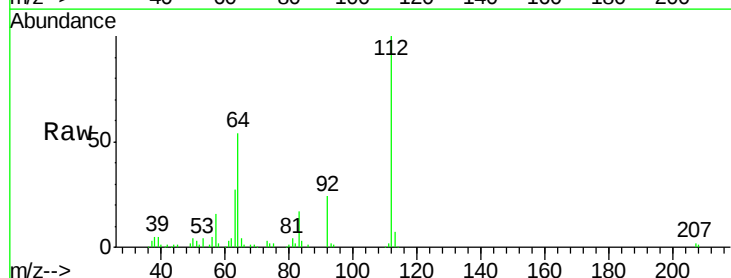
Tgt Ion:112 Resp: 98740

Ion Ratio Lower Upper

112 100

64 54.1 38.6 57.8

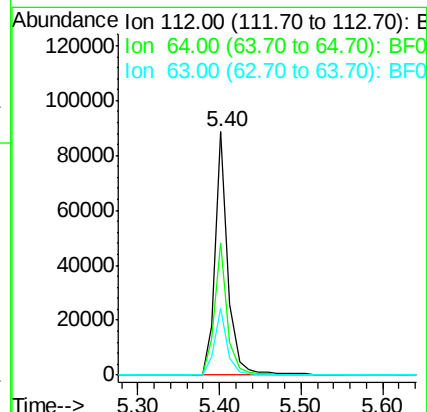
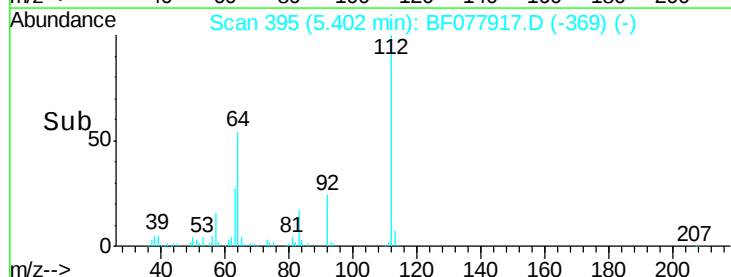
63 27.4 19.3 28.9

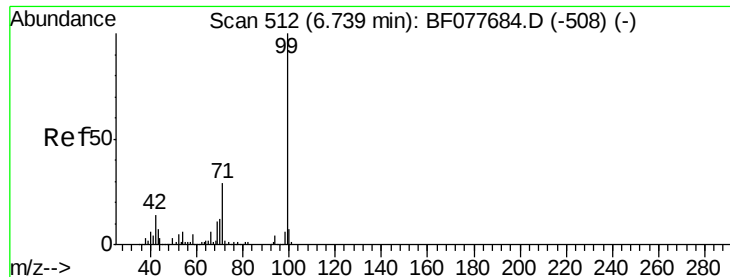


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.32 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077917.D

Acq: 24 Mar 2015 17:55

Instrument :

BNA_F

ClientSampleId :

POTABLE-WELL

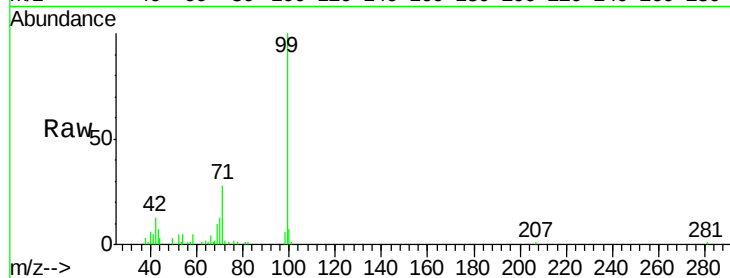
Tgt Ion: 99 Resp: 86365

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

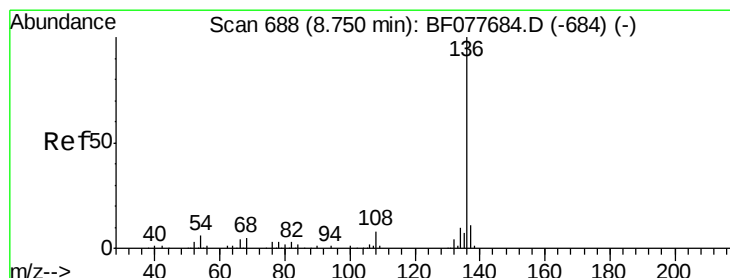
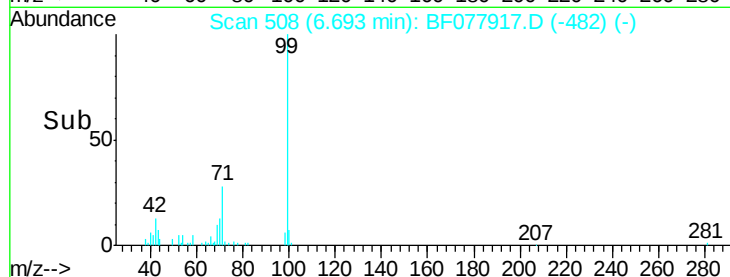
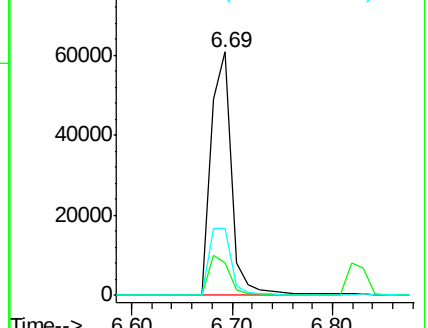
71 27.7 23.4 35.2



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: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077917.D

Acq: 24 Mar 2015 17:55

Tgt Ion: 136 Resp: 166447

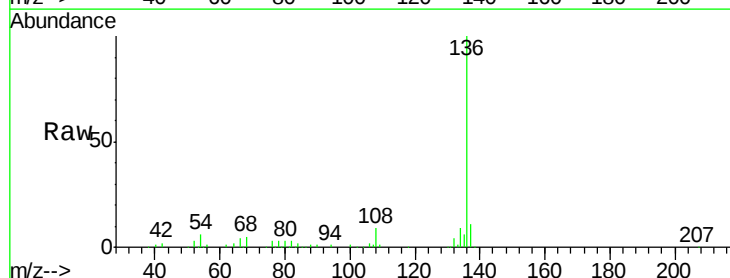
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.2 4.6 6.8

68 4.7 3.7 5.5

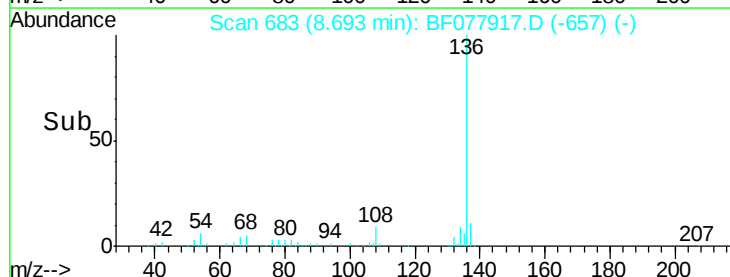
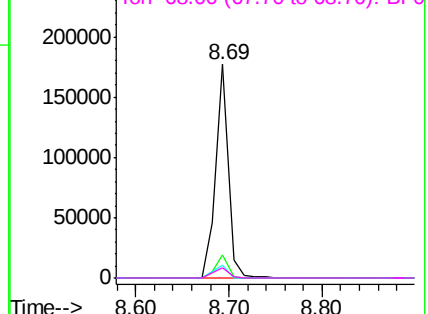


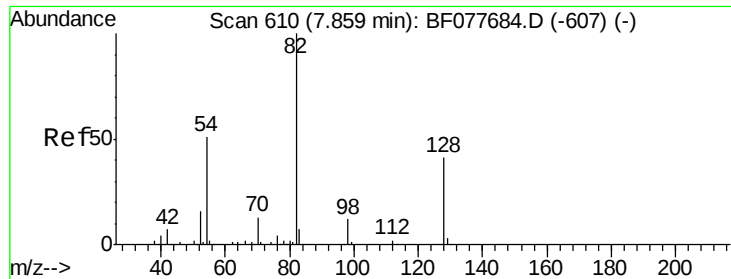
Abundance Ion 136.00 (135.70 to 136.70): E

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

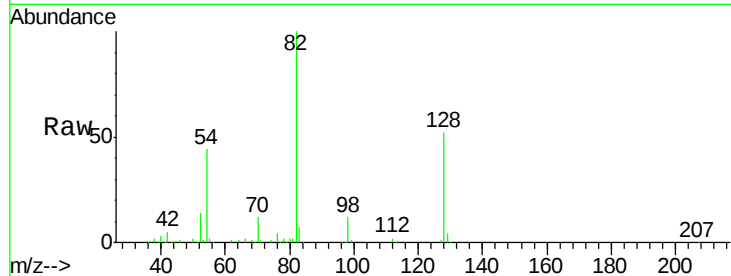




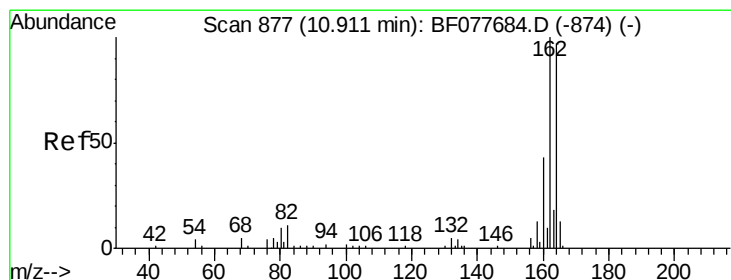
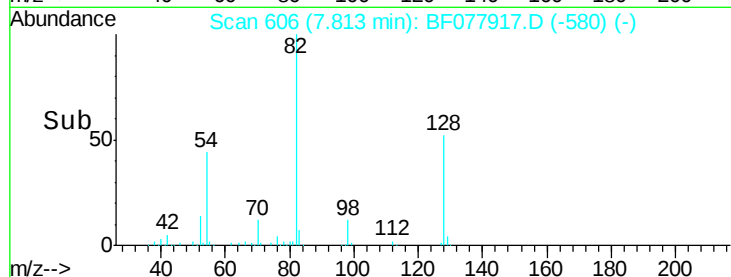
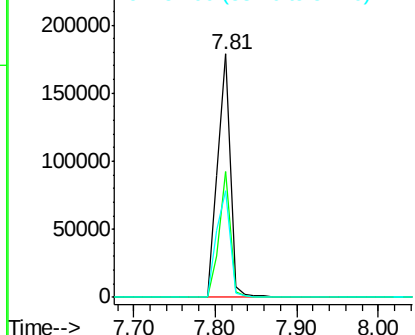
#23
 Nitrobenzene-d5
 Concen: 76.80 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077917.D
 Acq: 24 Mar 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POTABLE-WELL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.8	32.8	49.2#
54	43.8	40.6	60.8

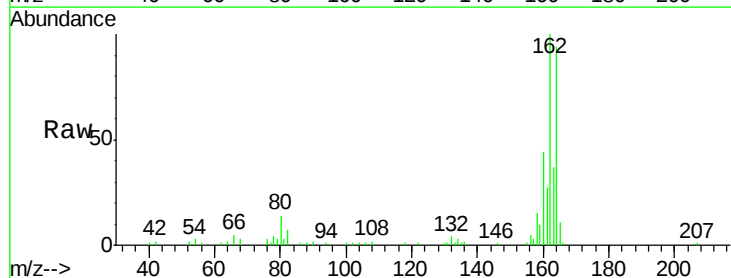


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

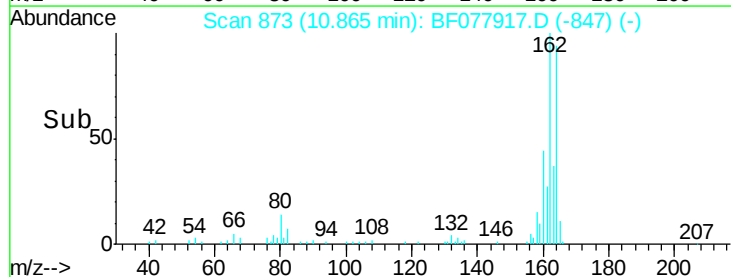
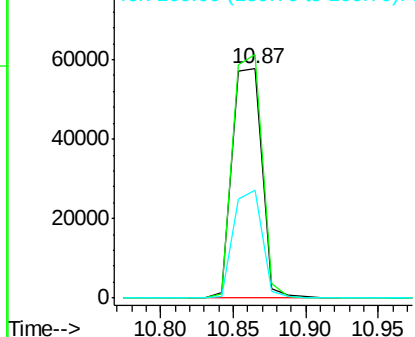


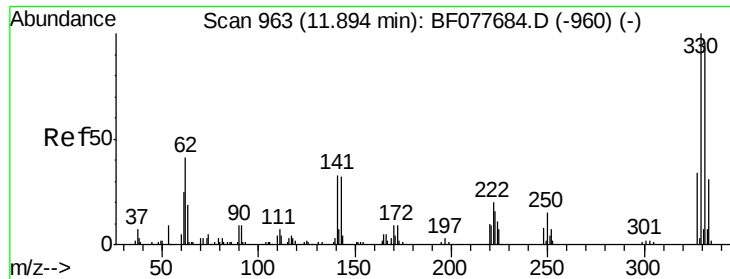
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077917.D
 Acq: 24 Mar 2015 17:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	46.8	35.8	53.6



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

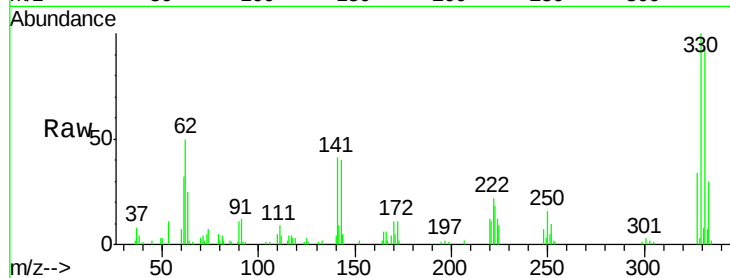




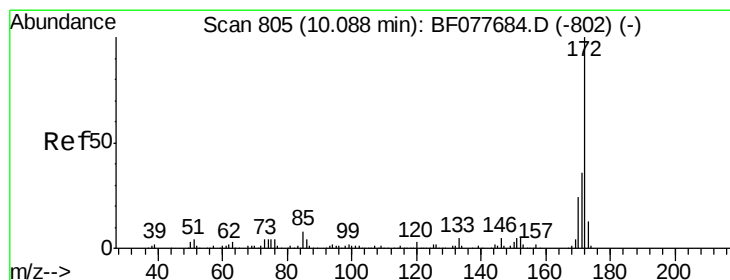
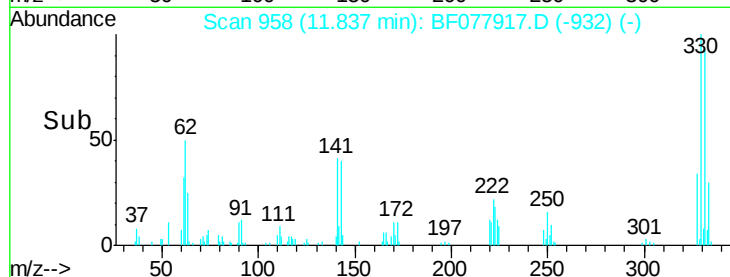
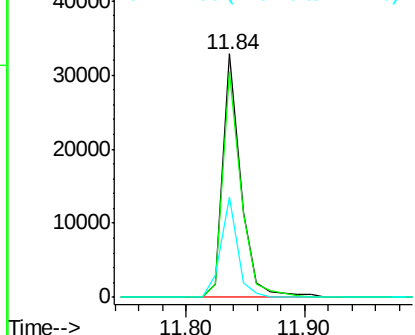
#41
 2,4,6-Tribromophenol
 Concen: 44.06 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077917.D
 Acq: 24 Mar 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POTABLE-WELL

Tgt Ion:330 Resp: 34506
 Ion Ratio Lower Upper
 330 100
 332 93.4 0.0 0.0#
 141 37.6 0.0 0.0#

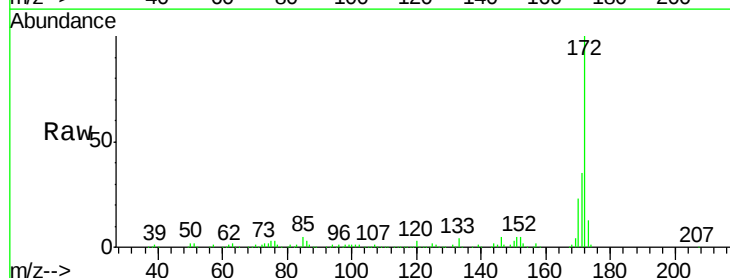


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

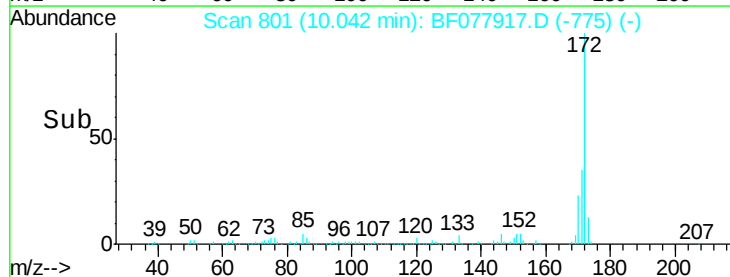
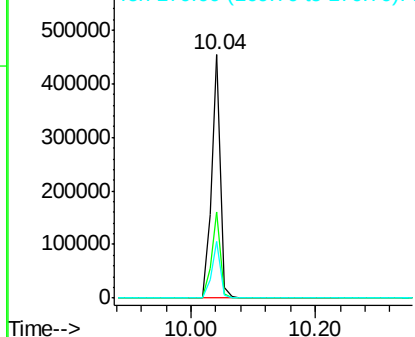


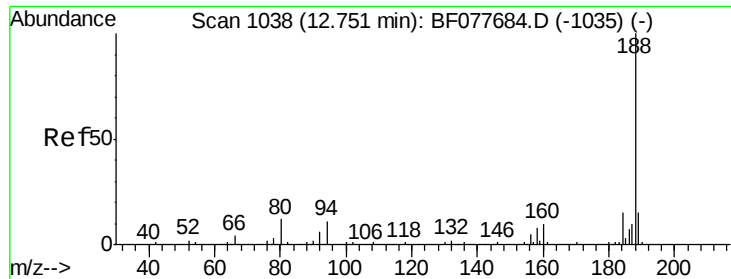
#44
 2-Fluorobiphenyl
 Concen: 79.05 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077917.D
 Acq: 24 Mar 2015 17:55

Tgt Ion:172 Resp: 440321
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.3 18.8 28.2



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

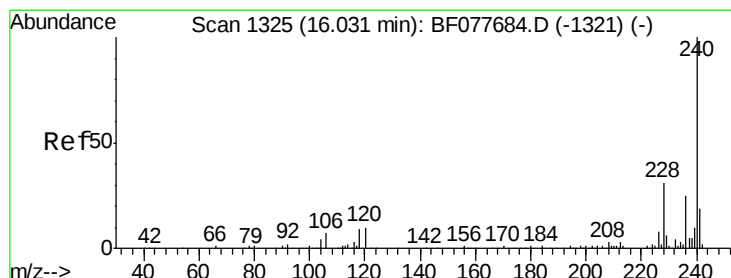
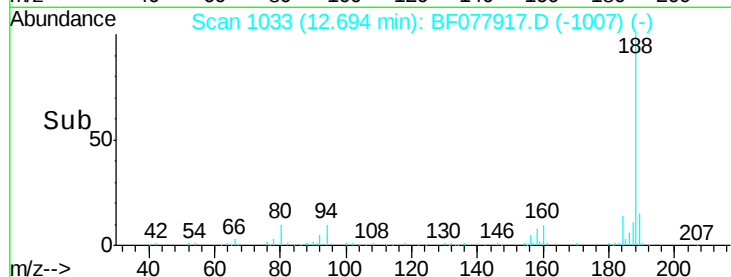
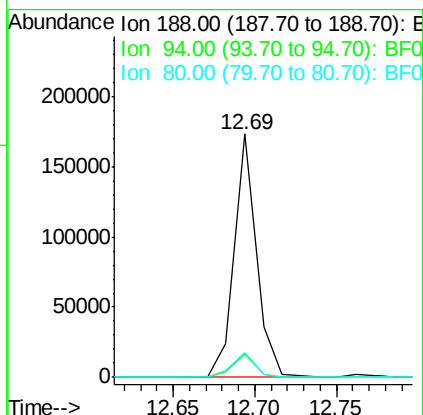
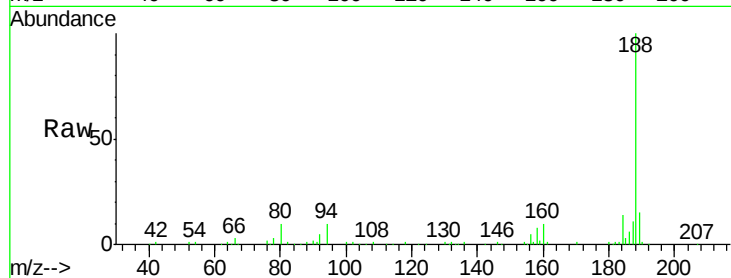




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF077917.D
Acq: 24 Mar 2015 17:55

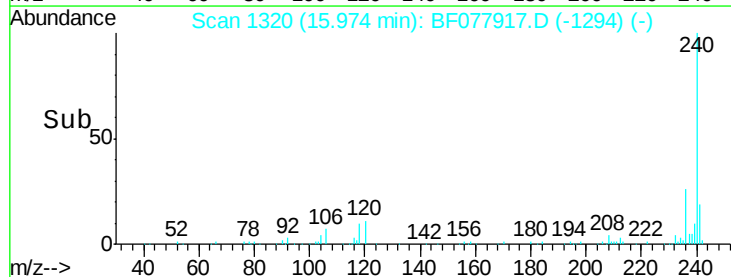
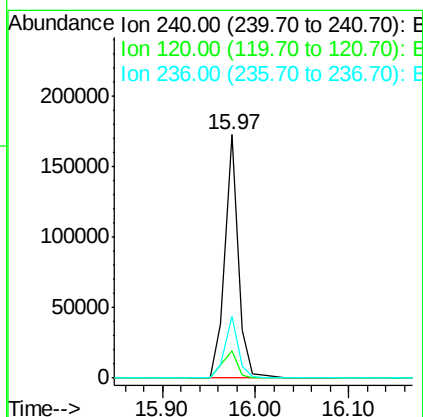
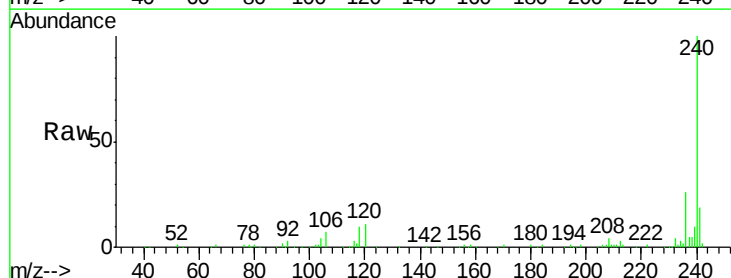
Instrument :
BNA_F
ClientSampleId :
POTABLE-WELL

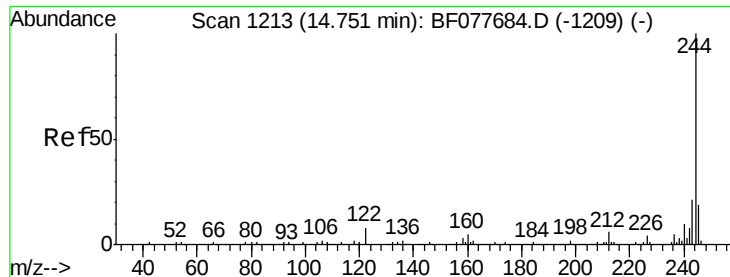
Tgt Ion:188 Resp: 162831
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 10.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077917.D
Acq: 24 Mar 2015 17:55

Tgt Ion:240 Resp: 173626
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.2
236 25.6 20.0 30.0





#78

Terphenyl-d14

Concen: 74.93 ng

RT: 14.69 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF077917.D

Acq: 24 Mar 2015 17:55

Instrument :

BNA_F

ClientSampleId :

POTABLE-WELL

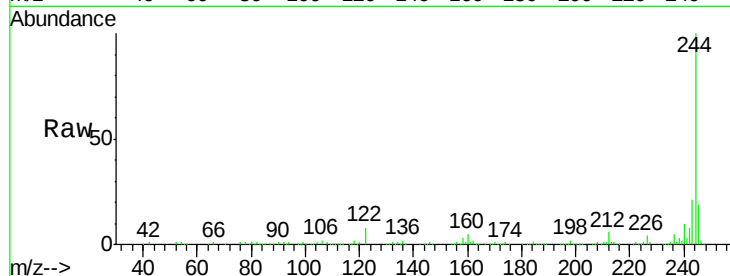
Tgt Ion:244 Resp: 532625

Ion Ratio Lower Upper

244 100

212 5.9 4.9 7.3

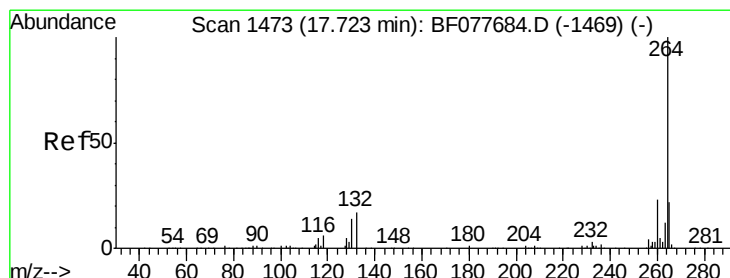
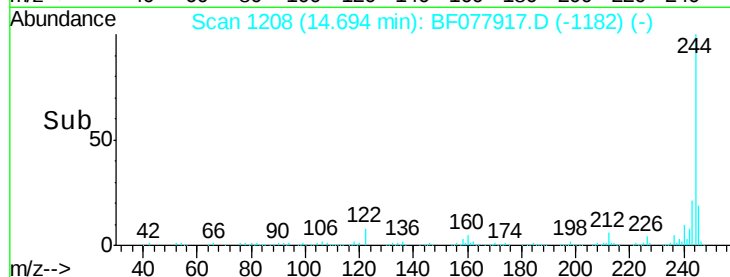
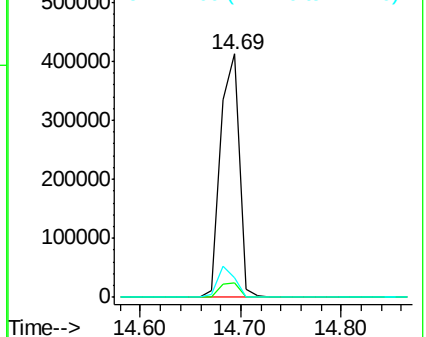
122 8.0 6.2 9.4



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: 17.72 min Scan# 1473

Delta R.T. 0.02 min

Lab File: BF077917.D

Acq: 24 Mar 2015 17:55

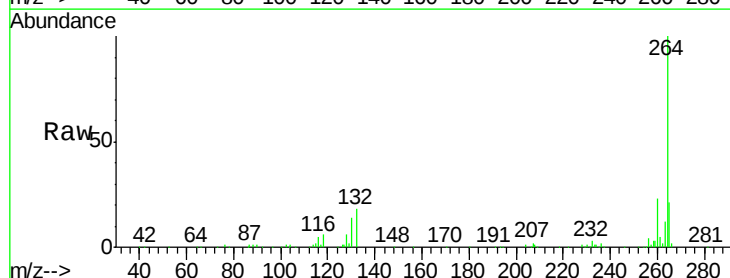
Tgt Ion:264 Resp: 167709

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.2 17.3 25.9



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

