

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 00:10:35 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

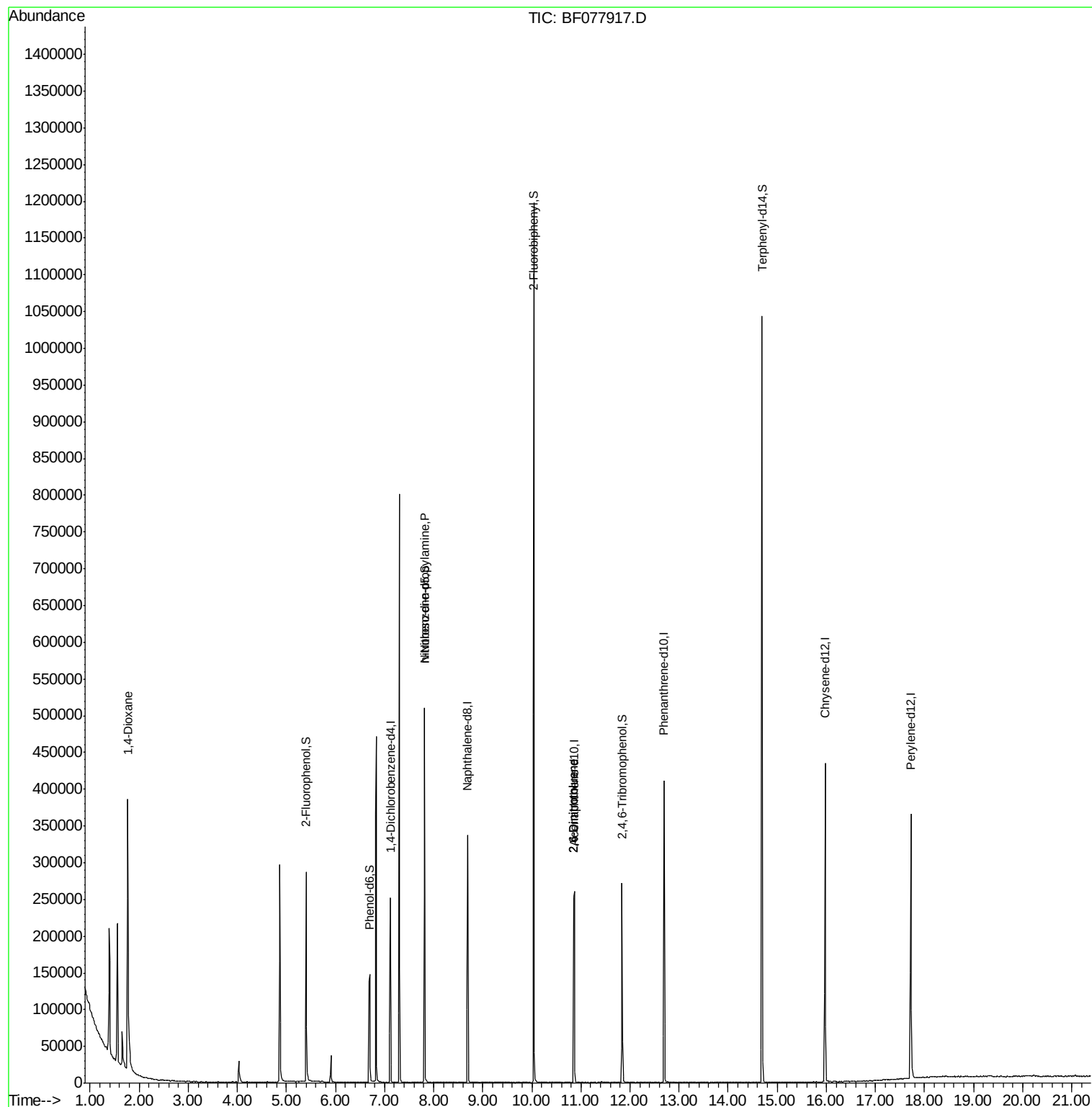
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	41621	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	166447	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	81858	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	162831	20.00	ng	0.00
75) Chrysene-d12	15.97	240	173626	20.00	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						
2) 1,4-Dioxane	1.77	88	19578	18.08	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	23011	11.29	ng	# 77
50) 2,6-Dinitrotoluene	10.85	165	9886	7.86	ng	# 24
56) 2,4-Dinitrotoluene	10.85	165	9890	6.03	ng	# 11
76) Benzidine	14.40	184	842	Below Cal		# 68

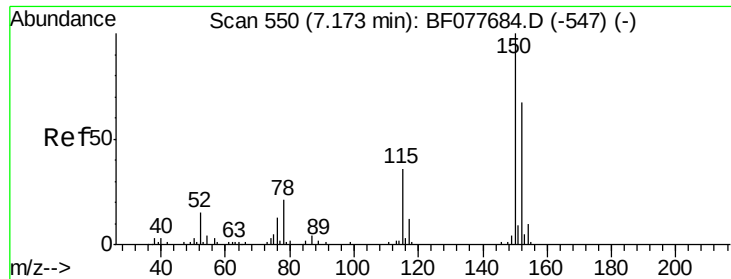
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077917.D
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Quant Time: Mar 25 00:10:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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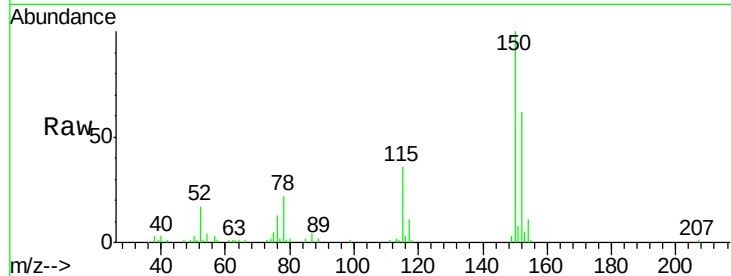


#1

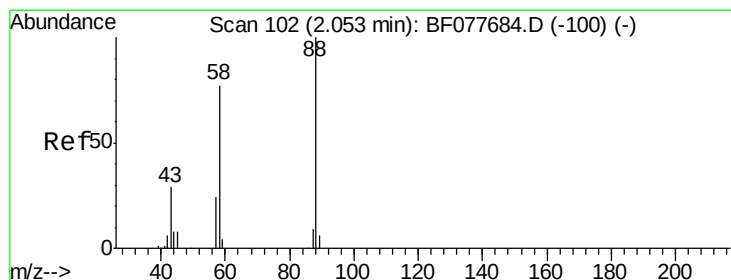
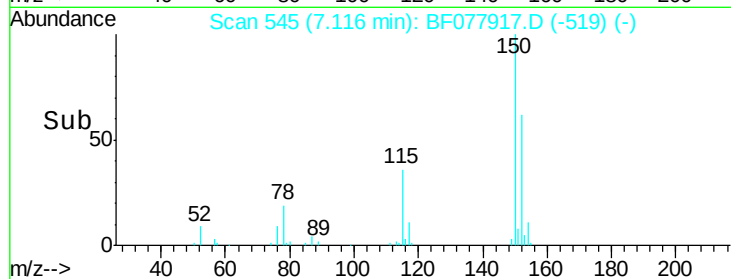
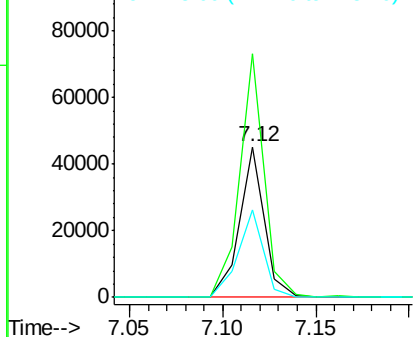
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077917.D
Acq: 24 Mar 2015 17:55

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



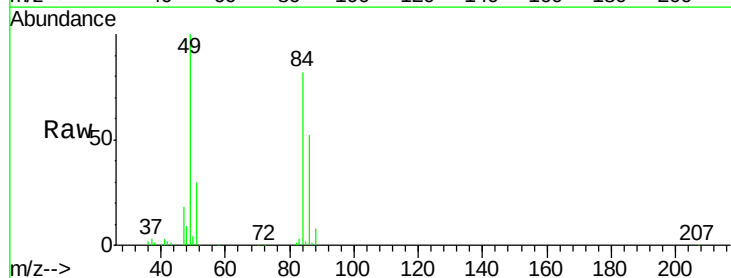
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



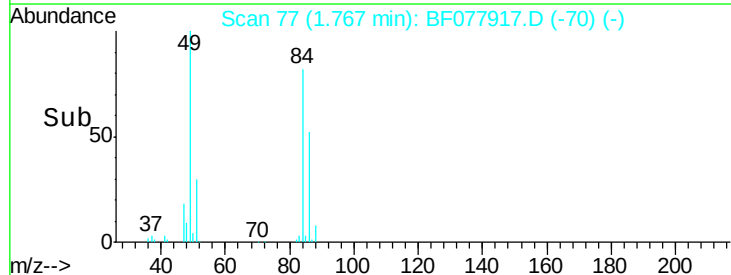
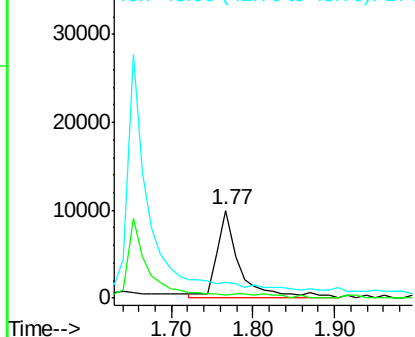
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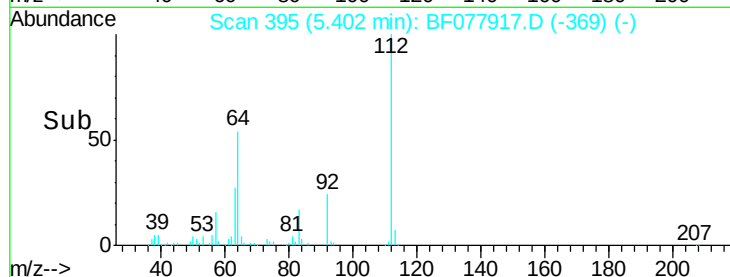
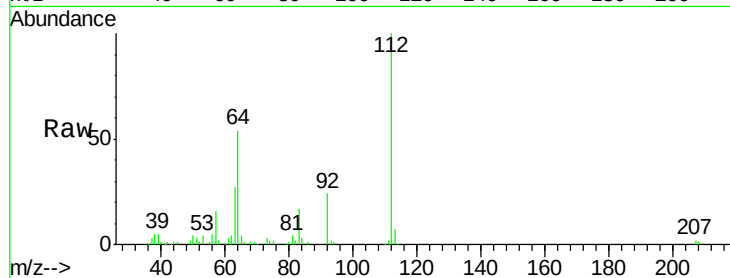
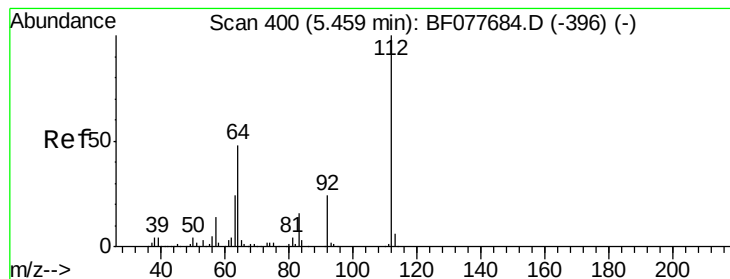
1,4-Dioxane
Concen: 18.08 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077917.D
Acq: 24 Mar 2015 17:55

Tgt Ion: 88 Resp: 19578
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

POTABLE-WELL

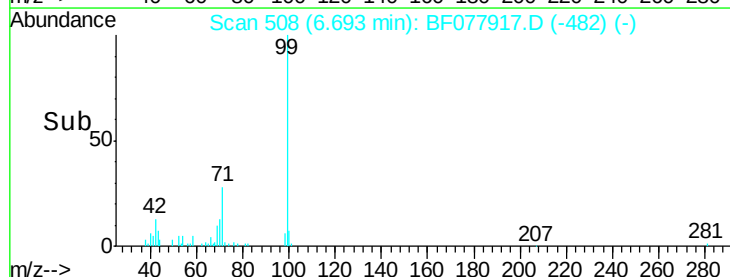
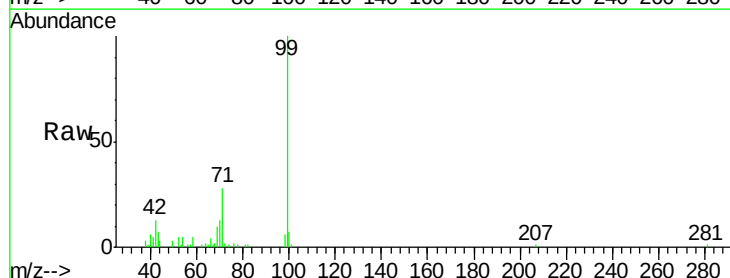
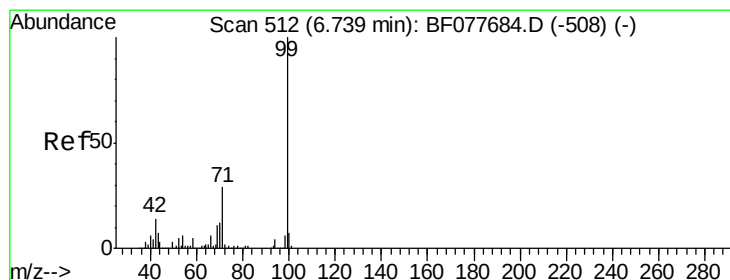
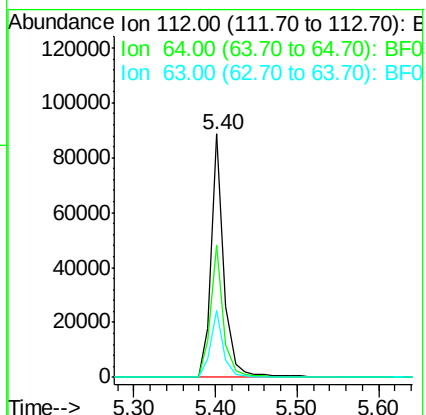
Tgt Ion: 112 Resp: 98740

Ion Ratio Lower Upper

112 100

64 54.1 38.6 57.8

63 27.4 19.3 28.9



#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

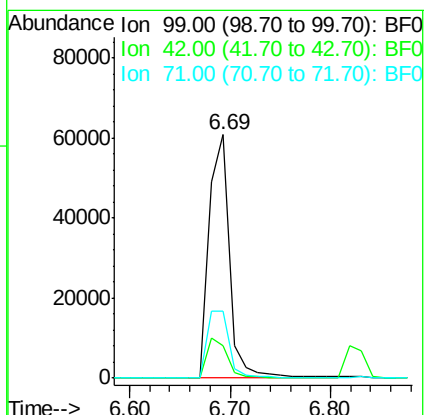
Tgt Ion: 99 Resp: 86365

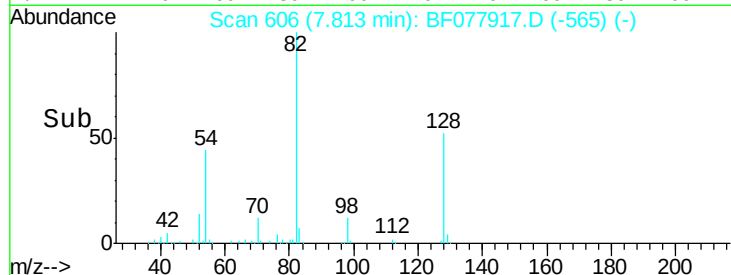
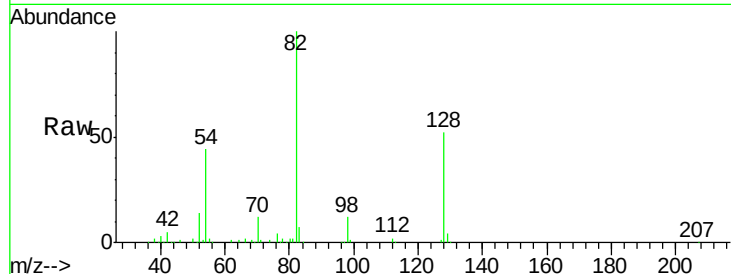
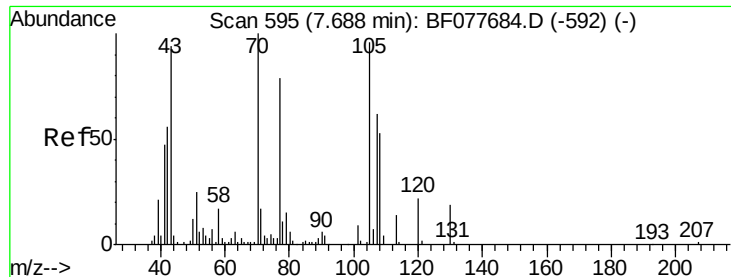
Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

71 27.7 23.4 35.2

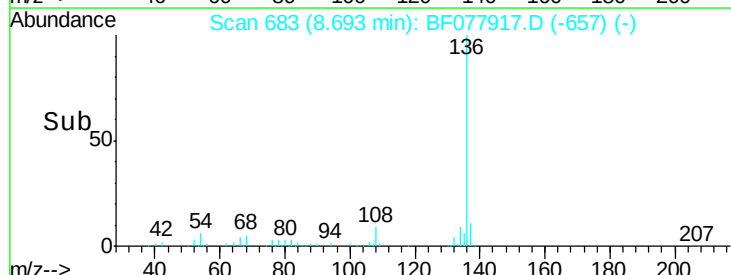
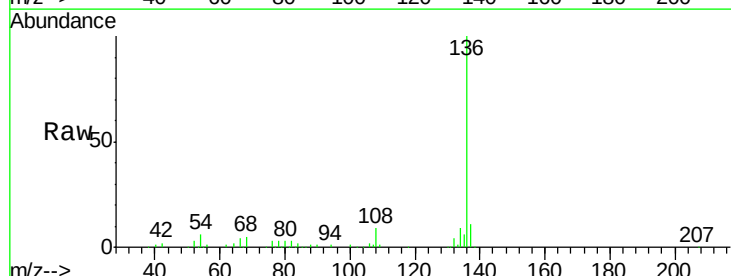
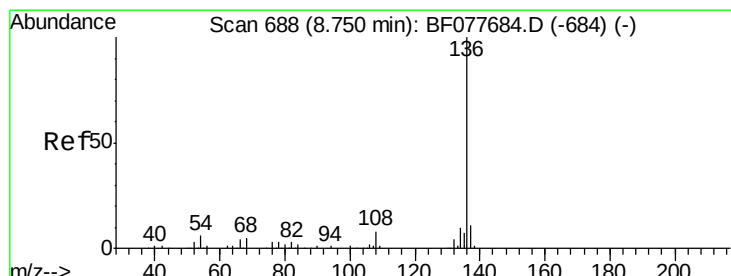
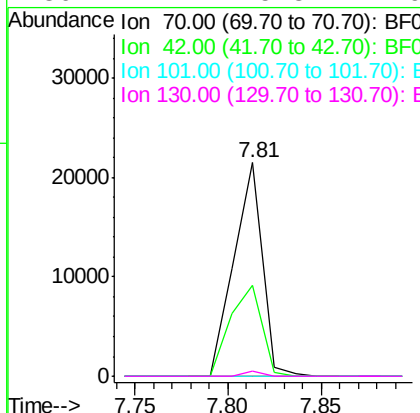




#19
n-Nitroso-di-n-propylamine
Concen: 11.29 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077917.D
Acq: 24 Mar 2015 17:55

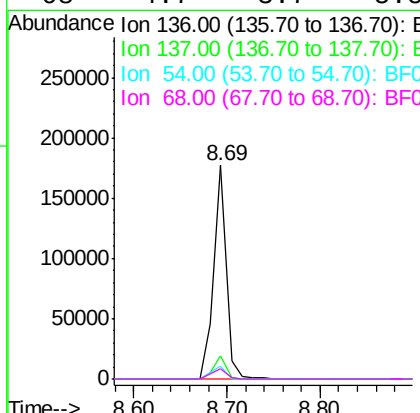
Instrument :
BNA_F
ClientSampleId :
POTABLE-WELL

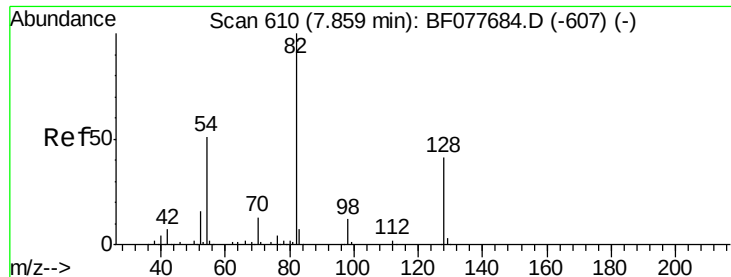
Tgt Ion: 70 Resp: 23011
Ion Ratio Lower Upper
70 100
42 42.3 44.5 66.7#
101 0.0 7.4 11.2#
130 2.2 15.3 22.9#



#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

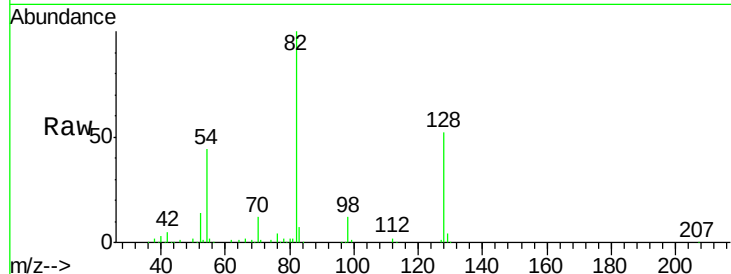




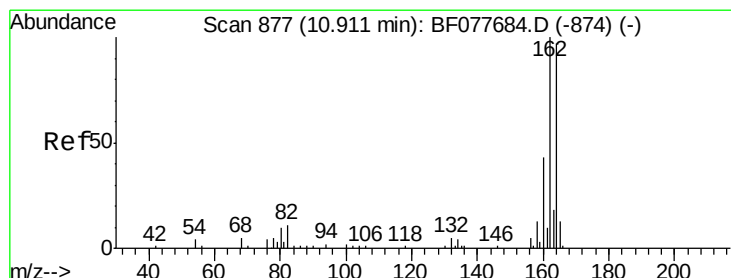
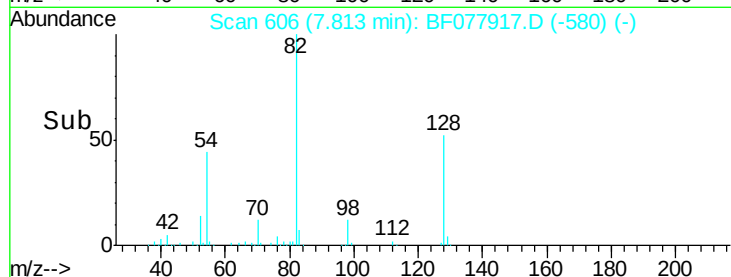
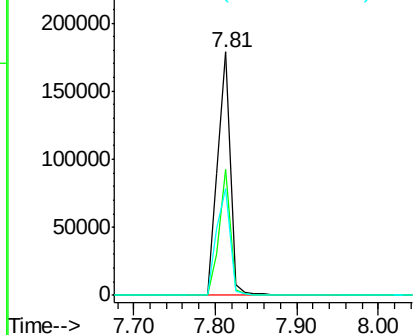
#23
 Nitrobenzene-d5
 Concen: 76.80 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077917.D
 Acq: 24 Mar 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POTABLE-WELL

Tgt Ion: 82 Resp: 195018
 Ion Ratio Lower Upper
 82 100
 128 51.8 32.8 49.2#
 54 43.8 40.6 60.8

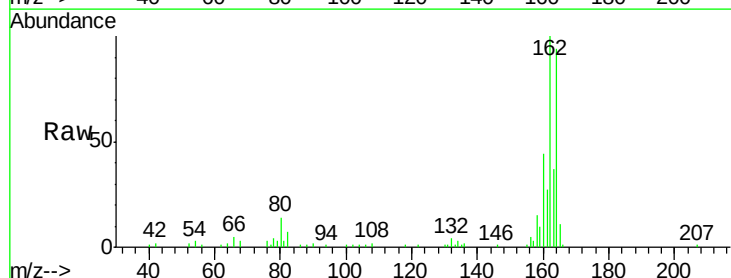


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

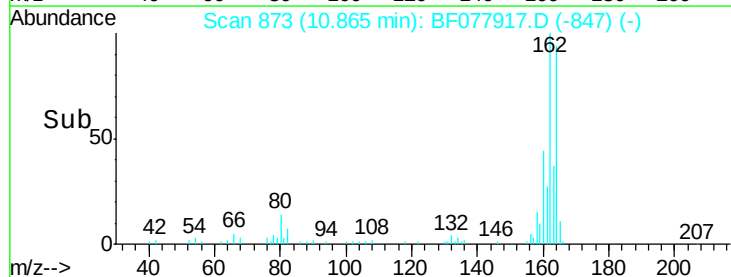
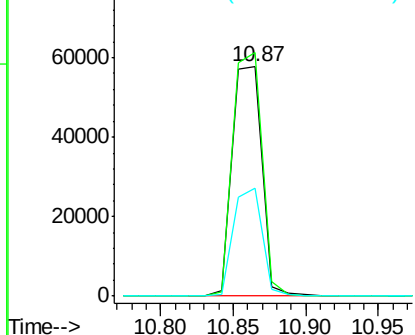


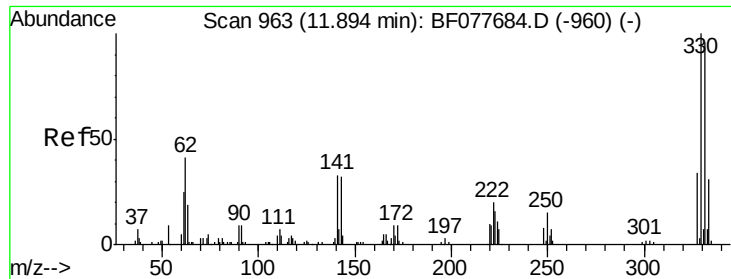
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077917.D
 Acq: 24 Mar 2015 17:55

Tgt Ion: 164 Resp: 81858
 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

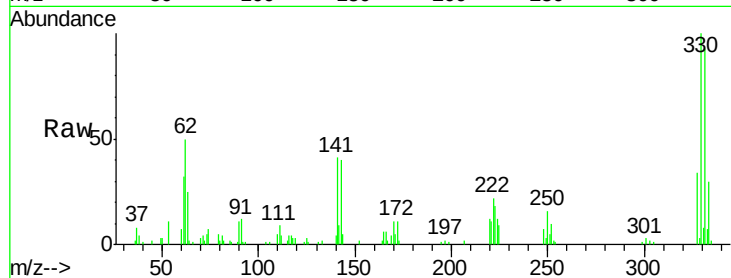




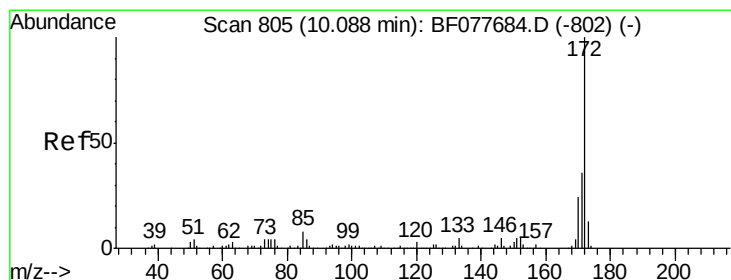
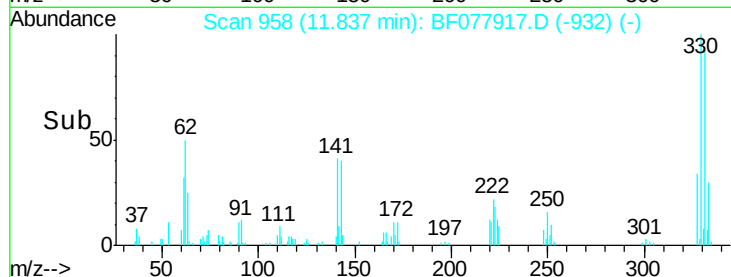
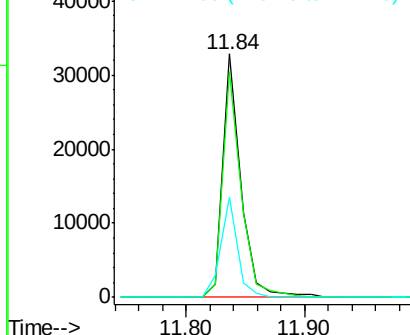
#41
 2,4,6-Tribromophenol
 Concen: 44.06 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077917.D
 Acq: 24 Mar 2015 17:55

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#

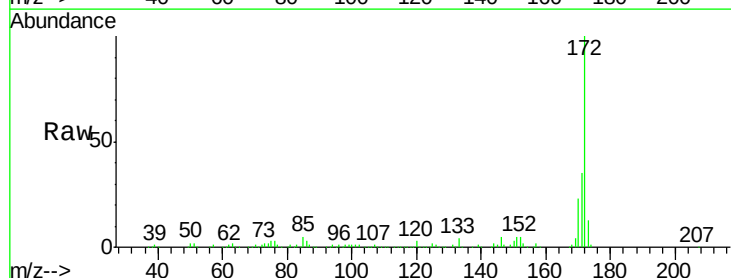


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

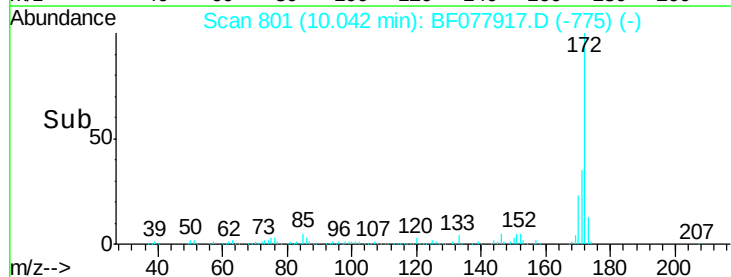
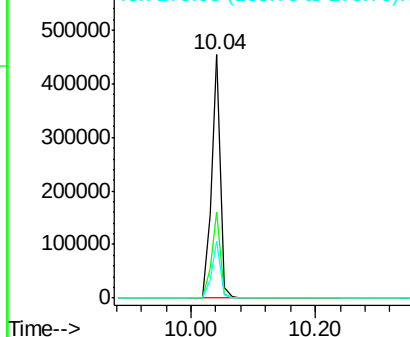


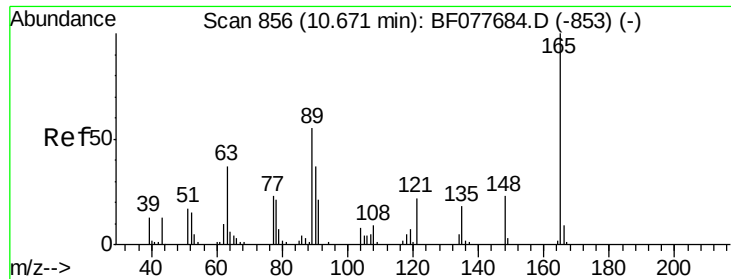
#44
 2-Fluorobiphenyl
 Concen: 79.05 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077917.D
 Acq: 24 Mar 2015 17:55

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





#50

2,6-Dinitrotoluene

Concen: 7.86 ng

RT: 10.85 min Scan# 872

Delta R.T. 0.23 min

Lab File: BF077917.D

Acq: 24 Mar 2015 17:55

Instrument :

BNA_F

ClientSampleId :

POTABLE-WELL

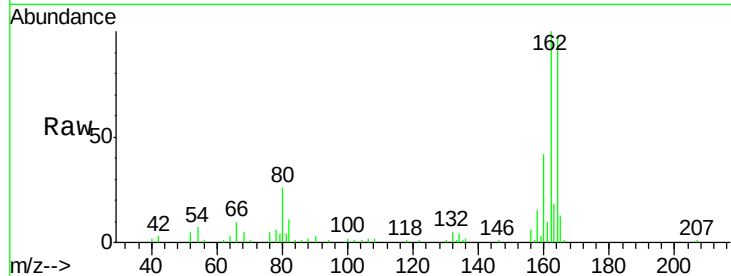
Tgt Ion:165 Resp: 9886

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

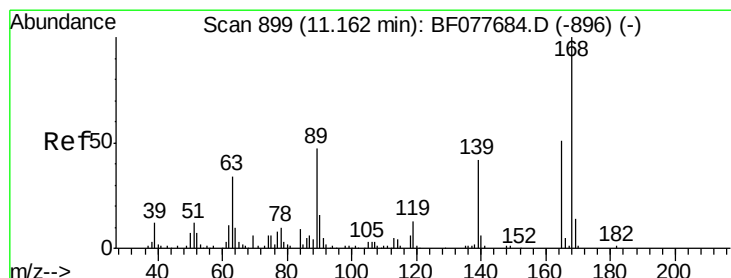
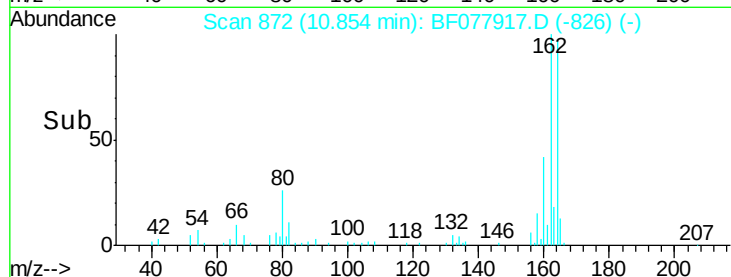
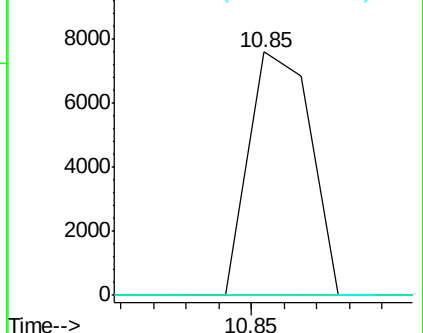
89 0.0 44.3 66.5#



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: 6.03 ng

RT: 10.85 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF077917.D

Acq: 24 Mar 2015 17:55

Tgt Ion:165 Resp: 9890

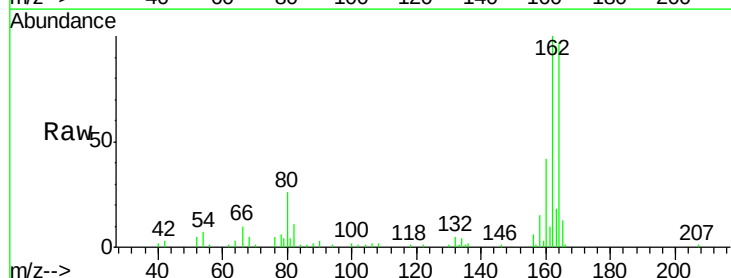
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

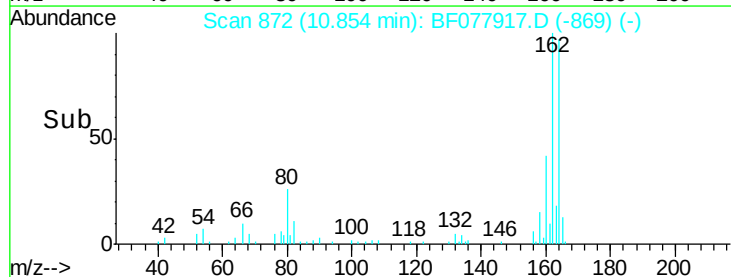
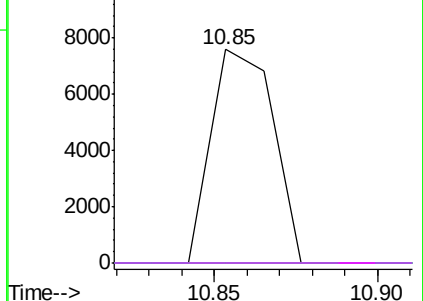


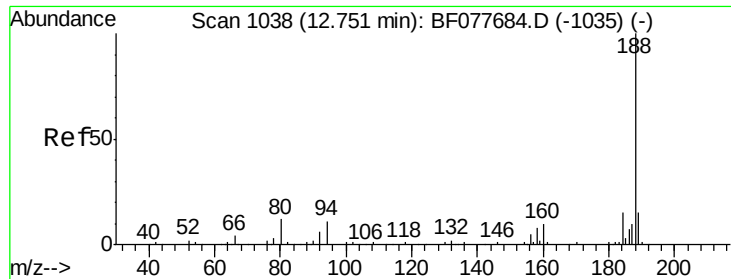
Abundance Ion 165.00 (164.70 to 165.70): E

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

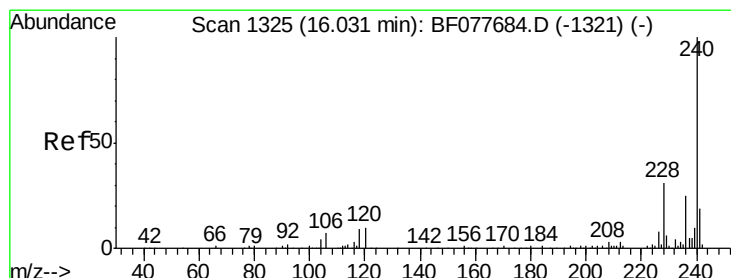
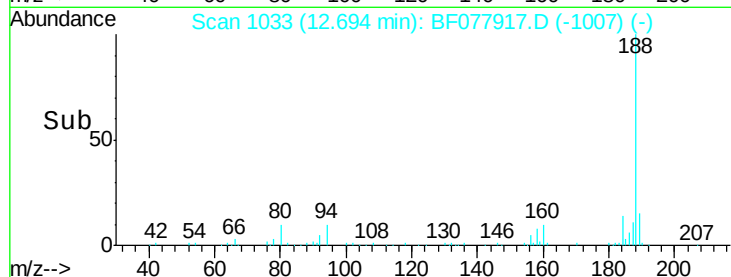
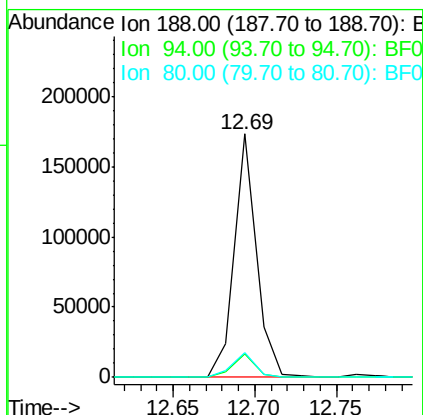
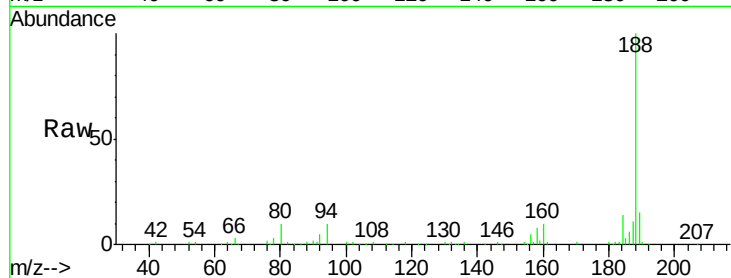




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF077917.D
Acq: 24 Mar 2015 17:55

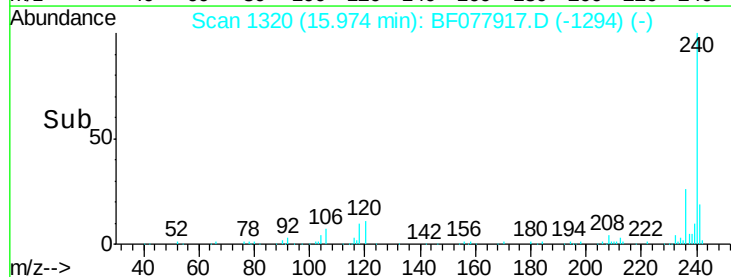
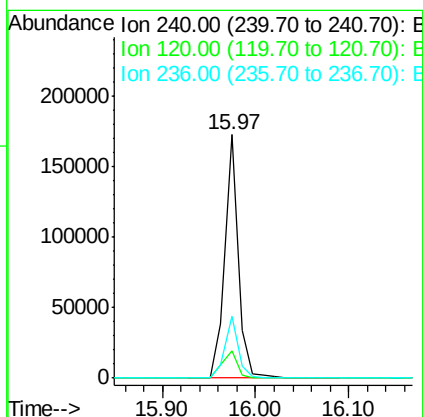
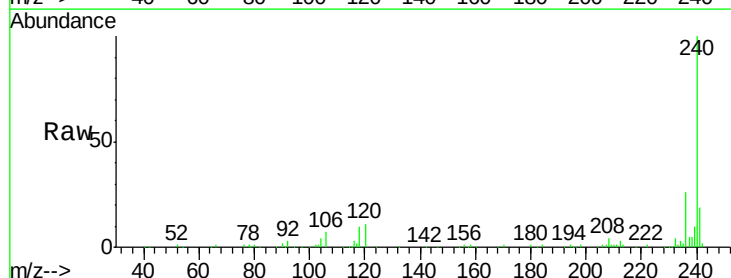
Instrument :
BNA_F
ClientSampleId :
POTABLE-WELL

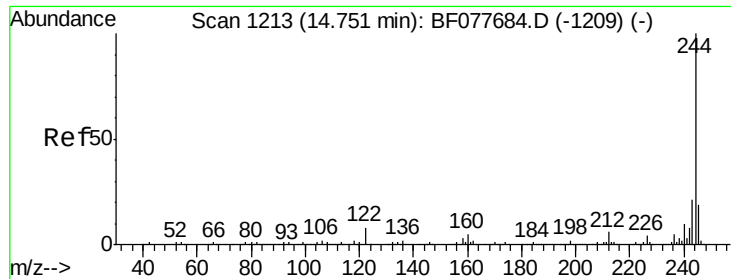
Tgt Ion:188 Resp: 162831
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 10.2 9.3 13.9



#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

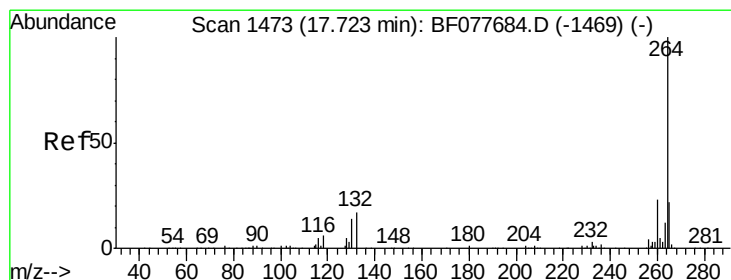
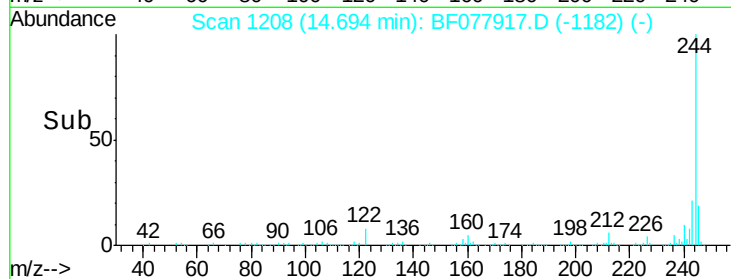
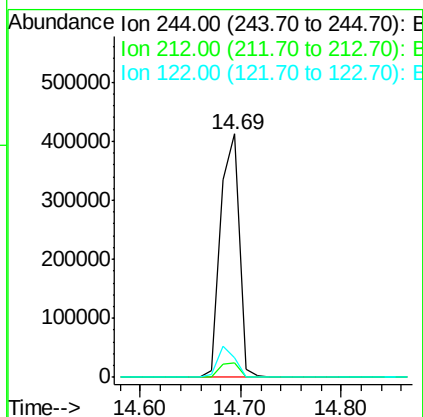
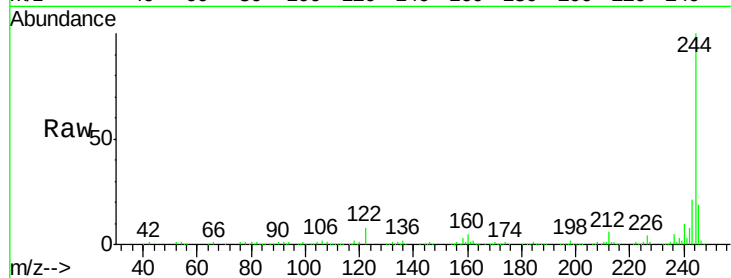




#78
 Terphenyl-d14
 Concen: 74.93 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077917.D
 Acq: 24 Mar 2015 17:55

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



#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

