

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024127.D
 Acq On : 24 Sep 2016 17:07
 Operator : UM/SJ
 Sample : H4925-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FORMER-POTABLE-WELL

Quant Time: Sep 26 01:36:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47140	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	207264	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	170542	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	376169	20.00	ng	0.00
75) Chrysene-d12	21.79	240	442250	20.00	ng	0.00
86) Perylene-d12	25.13	264	425913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	184860	67.94	ng	0.00
7) Phenol-d6	7.22	99	170776	37.30	ng	0.01
23) Nitrobenzene-d5	9.22	82	515401	98.01	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	332358	135.58	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1024079	100.94	ng	0.00
78) Terphenyl-d14	20.09	244	1746539	80.86	ng	0.00

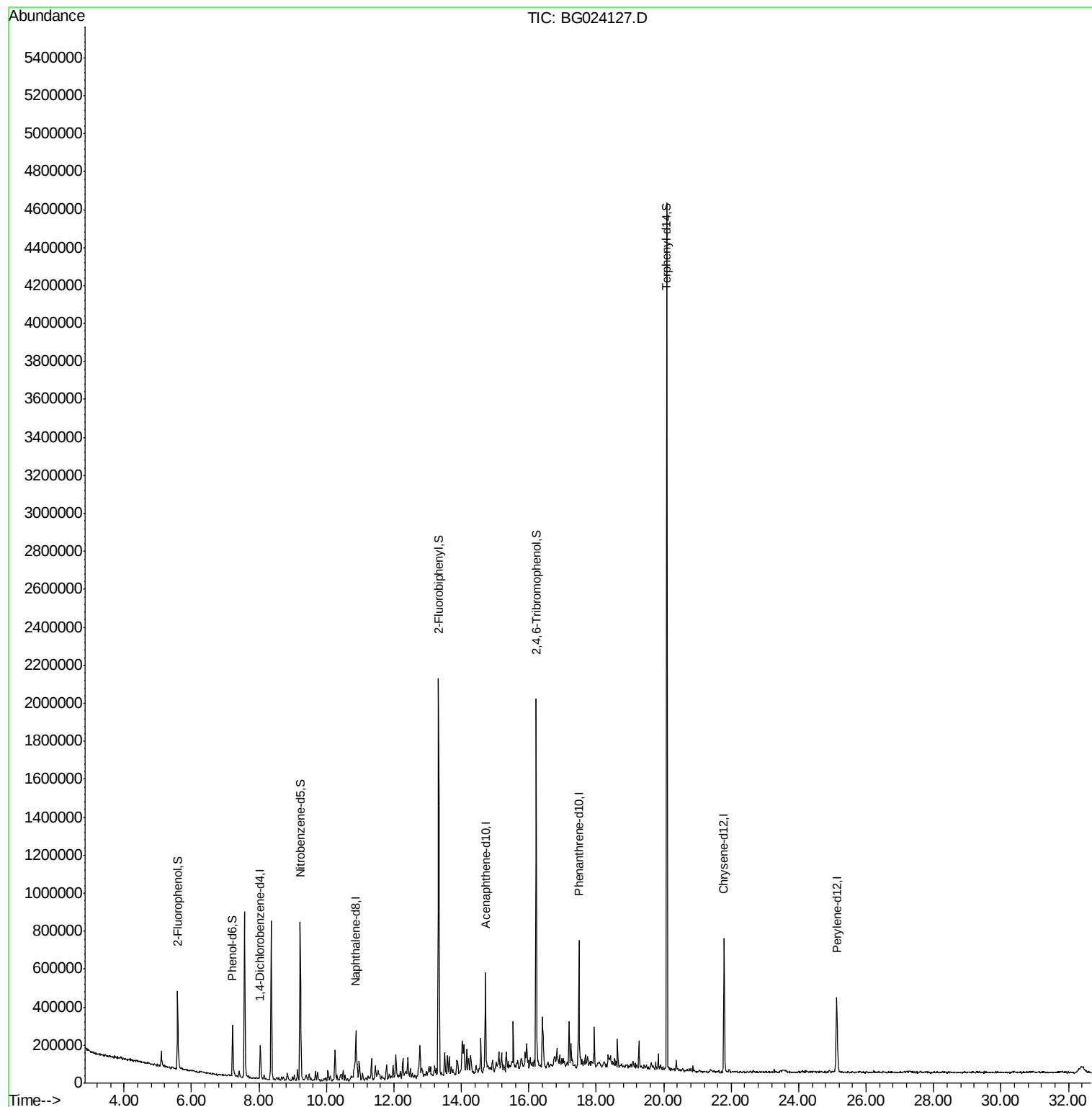
Target Compounds	Qvalue
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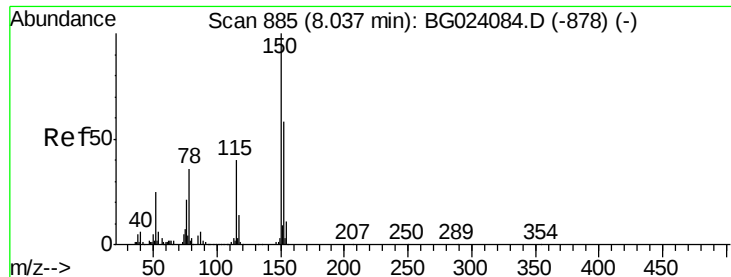
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.00 min

Lab File: BG024127.D

Acq: 24 Sep 2016 17:07

Instrument :

BNA_G

ClientSampleId :

FORMER-POTABLE-WELL

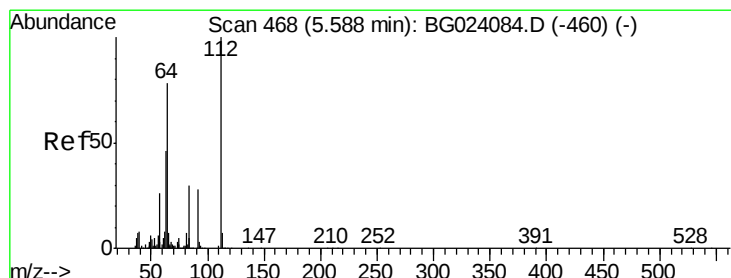
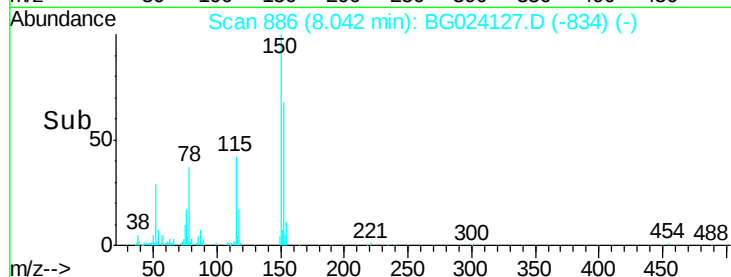
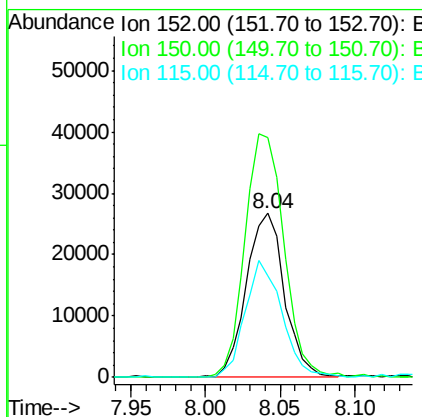
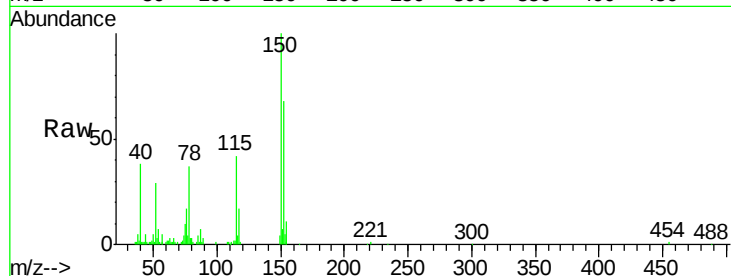
Tgt Ion:152 Resp: 47140

Ion Ratio Lower Upper

152 100

150 146.3 144.7 217.1

115 61.7 64.0 96.0#



#5

2-Fluorophenol

Concen: 67.94 ng

RT: 5.59 min Scan# 468

Delta R.T. -0.00 min

Lab File: BG024127.D

Acq: 24 Sep 2016 17:07

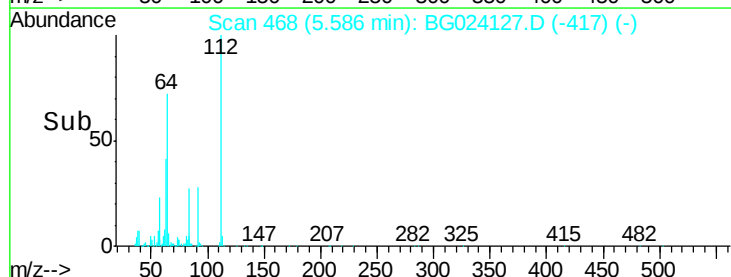
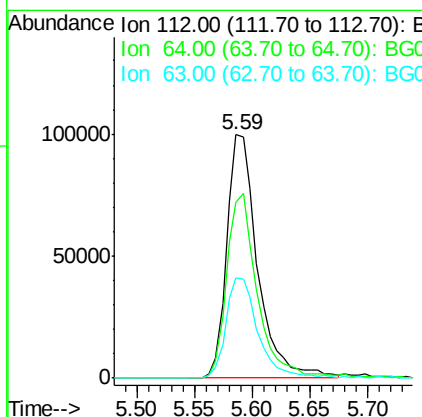
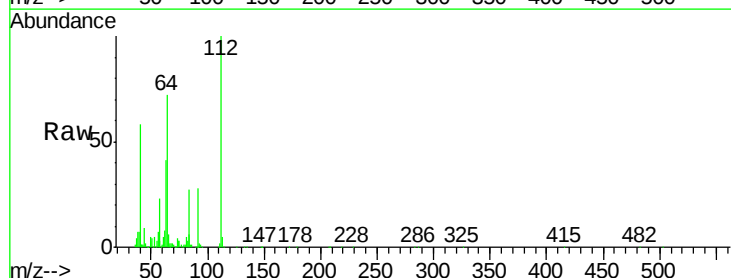
Tgt Ion:112 Resp: 184860

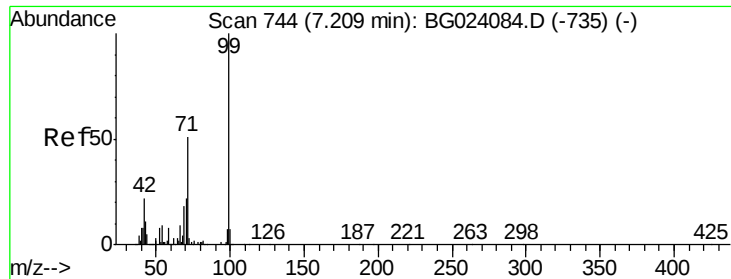
Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

63 41.3 37.8 56.8





#7

Phenol-d6

Concen: 37.30 ng

RT: 7.22 min Scan# 746

Delta R.T. 0.01 min

Lab File: BG024127.D

Acq: 24 Sep 2016 17:07

Instrument :

BNA_G

ClientSampleId :

FORMER-POTABLE-WELL

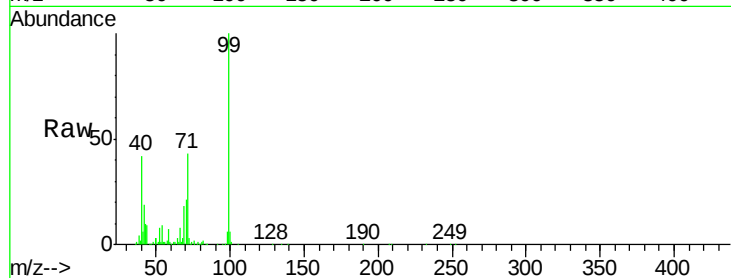
Tgt Ion: 99 Resp: 170776

Ion Ratio Lower Upper

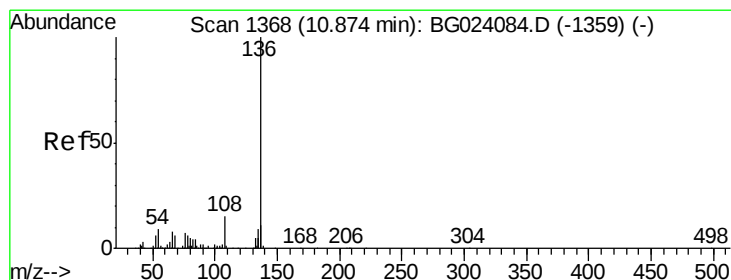
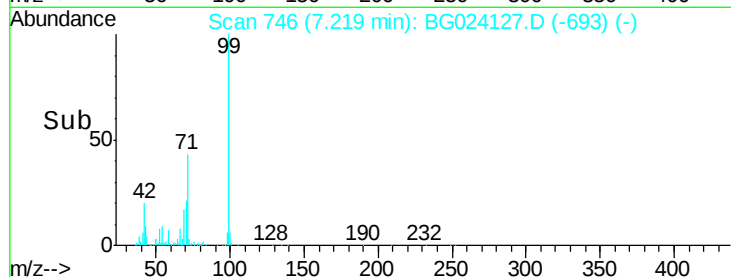
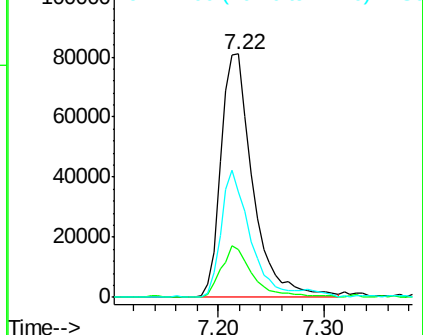
99 100

42 19.5 17.8 26.6

71 43.4 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG024127.D

Acq: 24 Sep 2016 17:07

Tgt Ion: 136 Resp: 207264

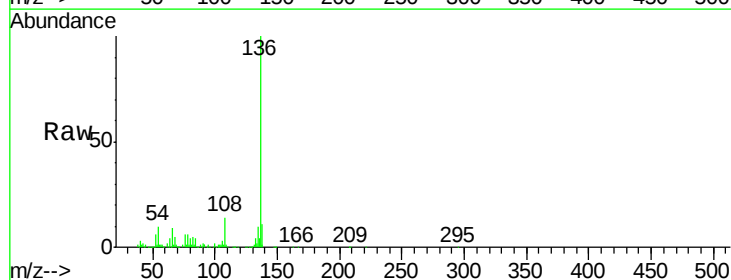
Ion Ratio Lower Upper

136 100

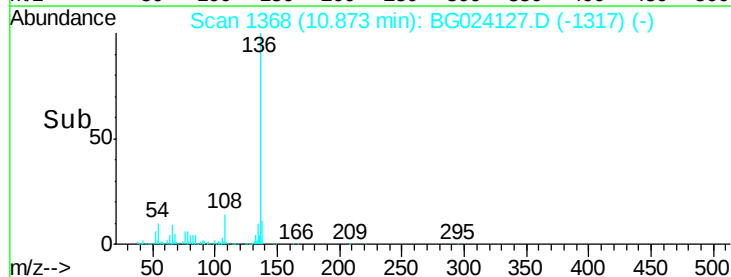
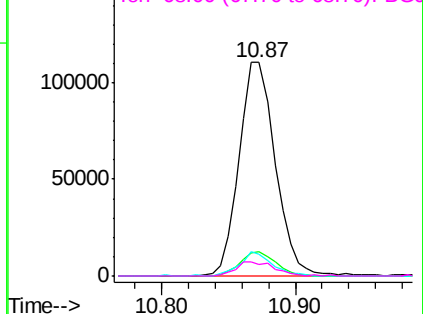
137 11.2 9.6 14.4

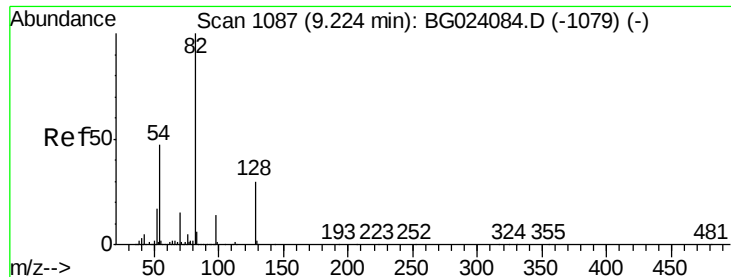
54 10.3 7.3 10.9

68 5.5 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

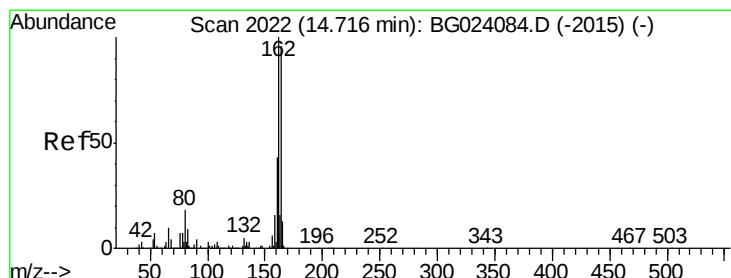
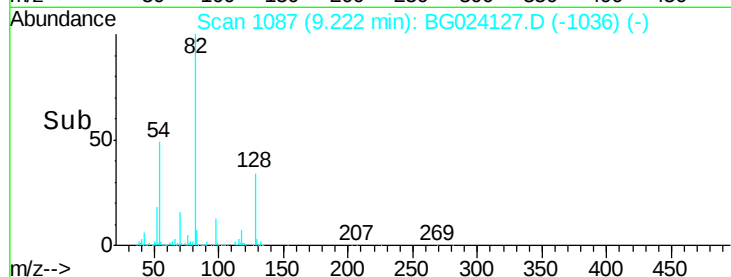
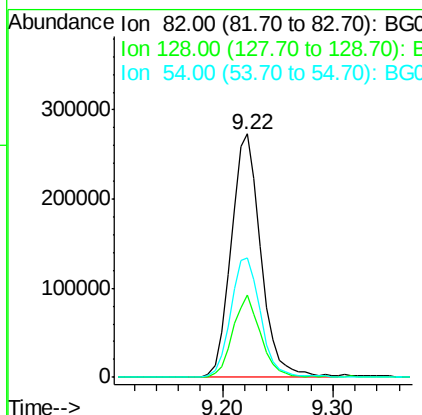
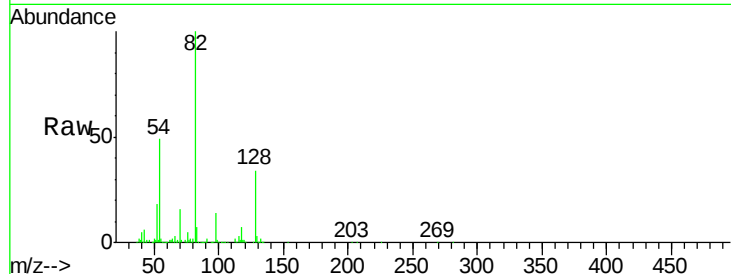




#23
 Nitrobenzene-d5
 Concen: 98.01 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BG024127.D
 Acq: 24 Sep 2016 17:07

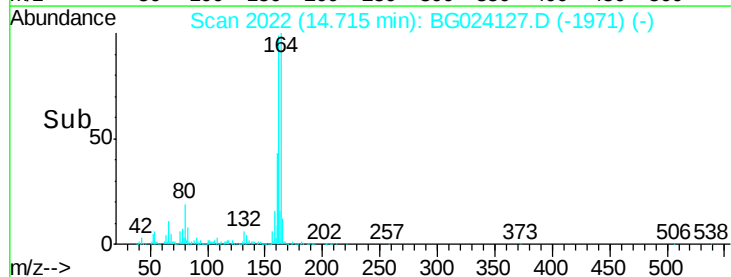
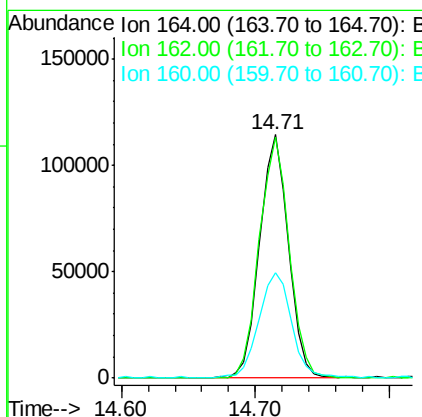
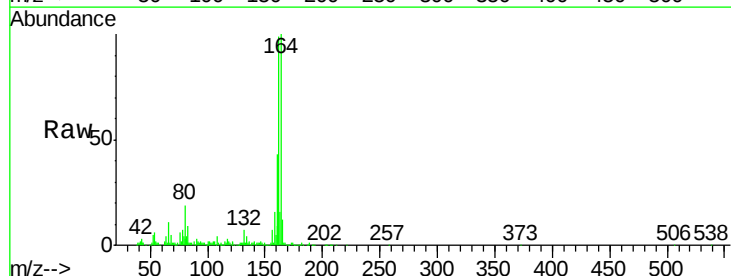
Instrument :
 BNA_G
 ClientSampleId :
 FORMER-POTABLE-WELL

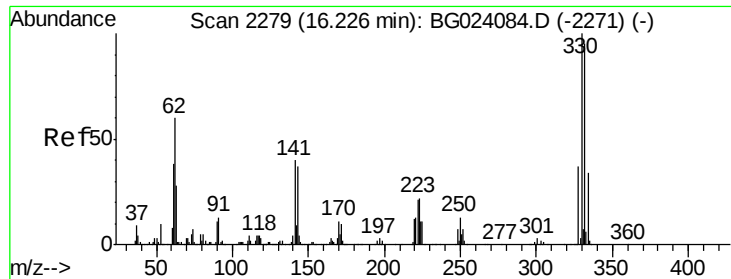
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	24.4	36.6
54	49.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG024127.D
 Acq: 24 Sep 2016 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	87.7	131.5
160	43.4	37.2	55.8

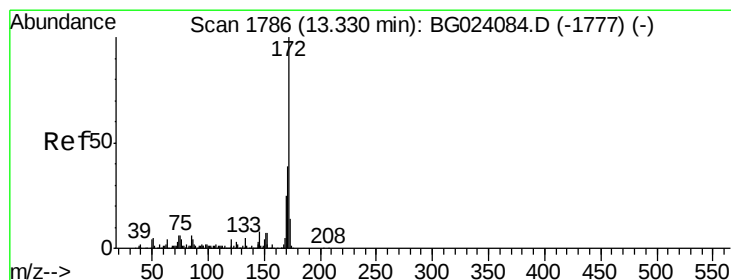
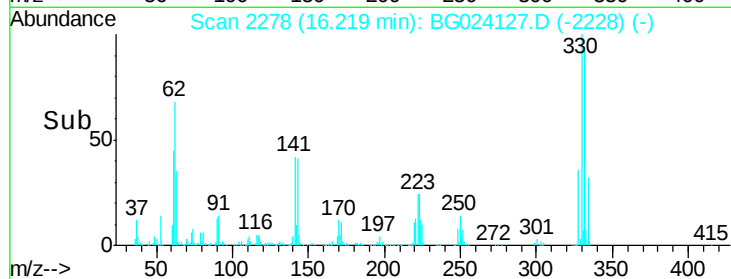
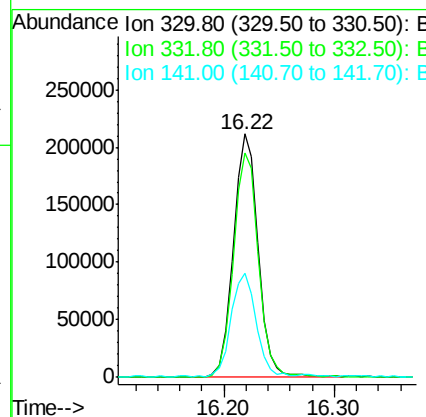
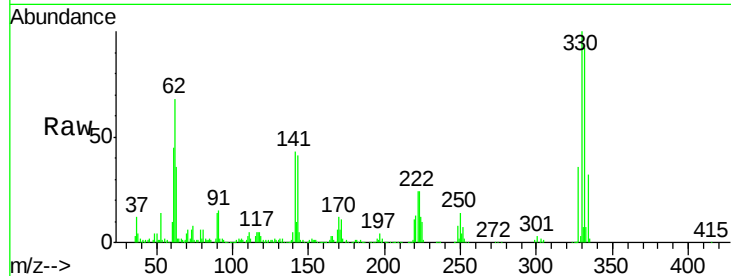




#41
 2,4,6-Tribromophenol
 Concen: 135.58 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024127.D
 Acq: 24 Sep 2016 17:07

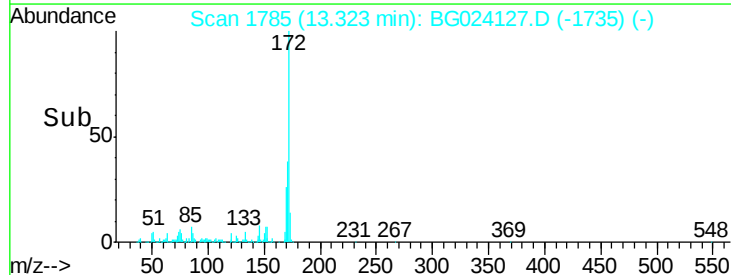
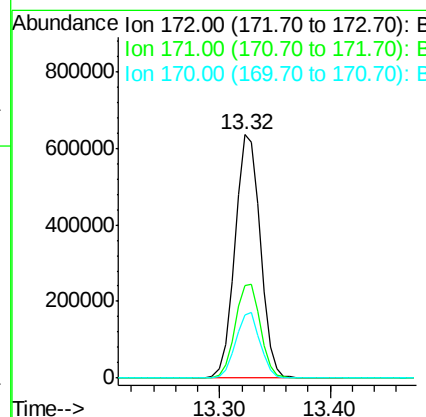
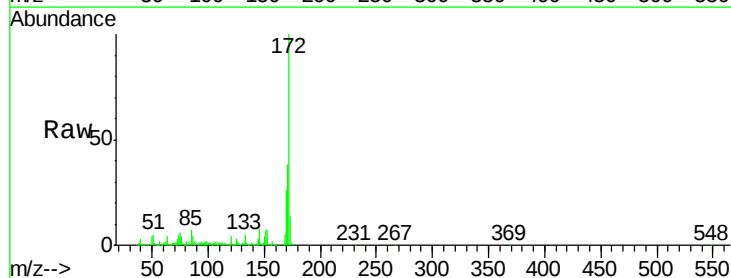
Instrument :
 BNA_G
 ClientSampleId :
 FORMER-POTABLE-WELL

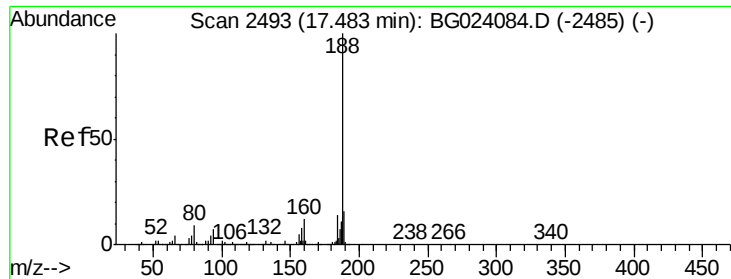
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.4	116.2
141	43.0	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 100.94 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024127.D
 Acq: 24 Sep 2016 17:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.6	47.4
170	25.8	21.3	31.9

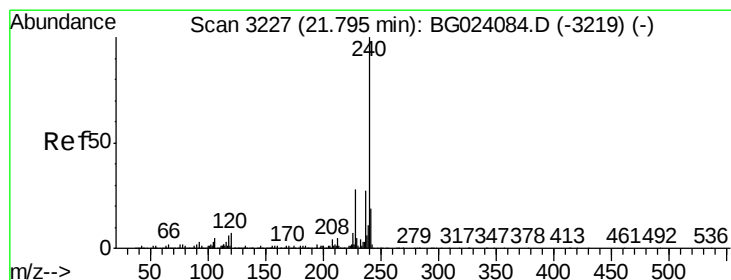
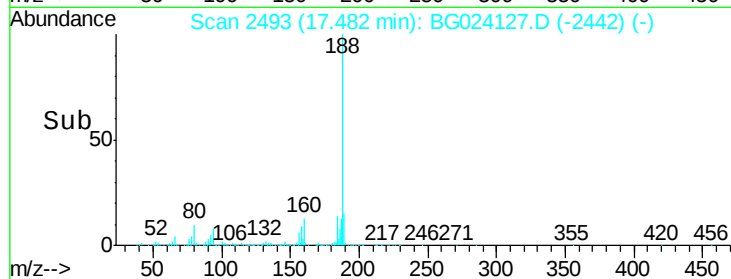
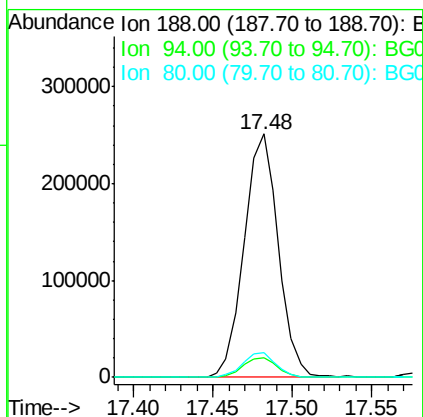
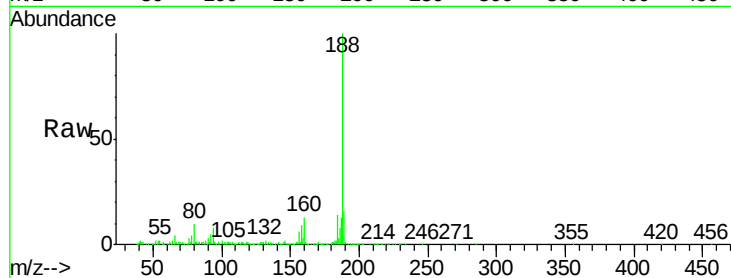




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024127.D
Acq: 24 Sep 2016 17:07

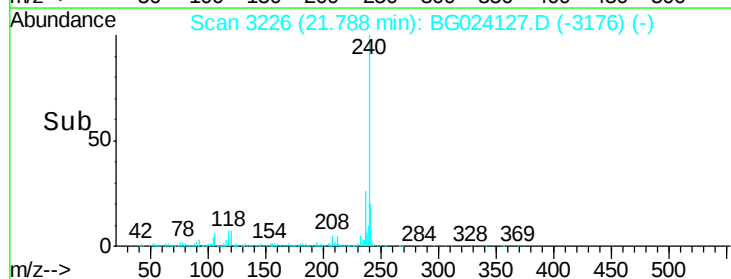
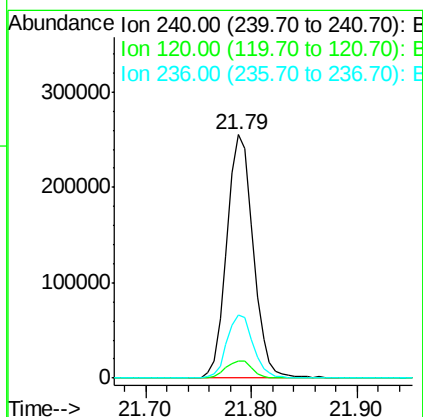
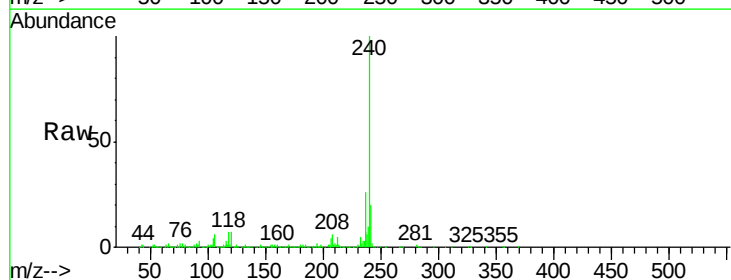
Instrument :
BNA_G
ClientSampleId :
FORMER-POTABLE-WELL

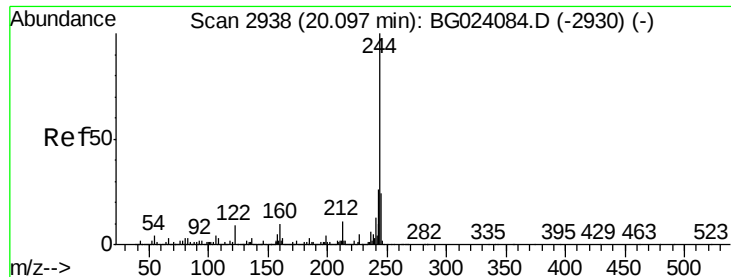
Tgt Ion:188 Resp: 376169
Ion Ratio Lower Upper
188 100
94 7.9 5.2 7.8#
80 10.2 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024127.D
Acq: 24 Sep 2016 17:07

Tgt Ion:240 Resp: 442250
Ion Ratio Lower Upper
240 100
120 7.0 4.1 6.1#
236 25.8 21.1 31.7





#78

Terphenyl-d14

Concen: 80.86 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024127.D

Acq: 24 Sep 2016 17:07

Instrument :

BNA_G

ClientSampleId :

FORMER-POTABLE-WELL

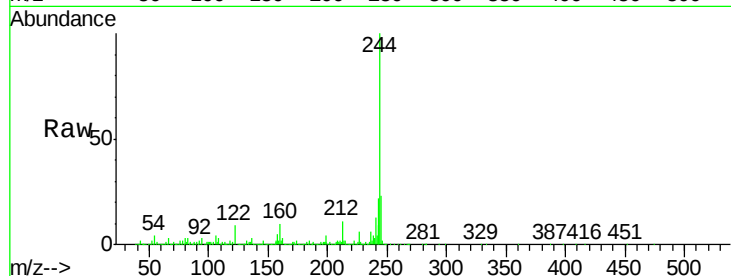
Tgt Ion:244 Resp: 1746539

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2#

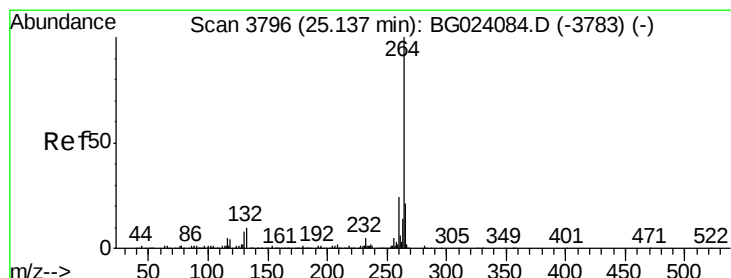
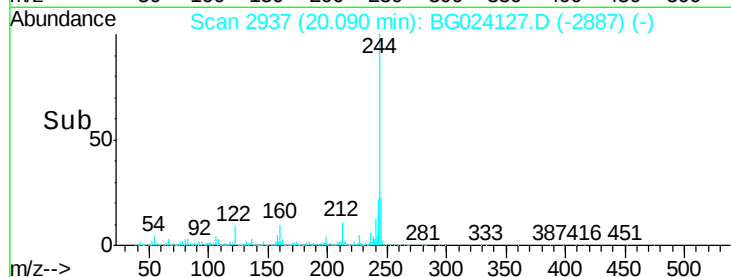
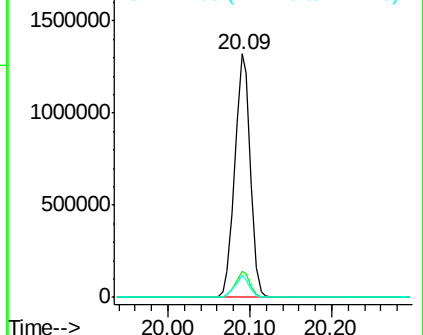
122 9.1 8.0 12.0



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: 25.13 min Scan# 3795

Delta R.T. -0.01 min

Lab File: BG024127.D

Acq: 24 Sep 2016 17:07

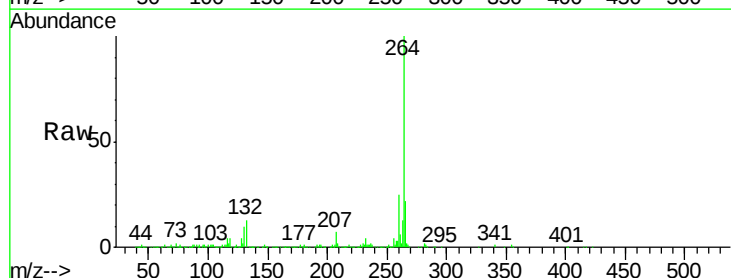
Tgt Ion:264 Resp: 425913

Ion Ratio Lower Upper

264 100

260 25.3 18.4 27.6

265 22.3 18.9 28.3



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

