

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 00:52:29 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

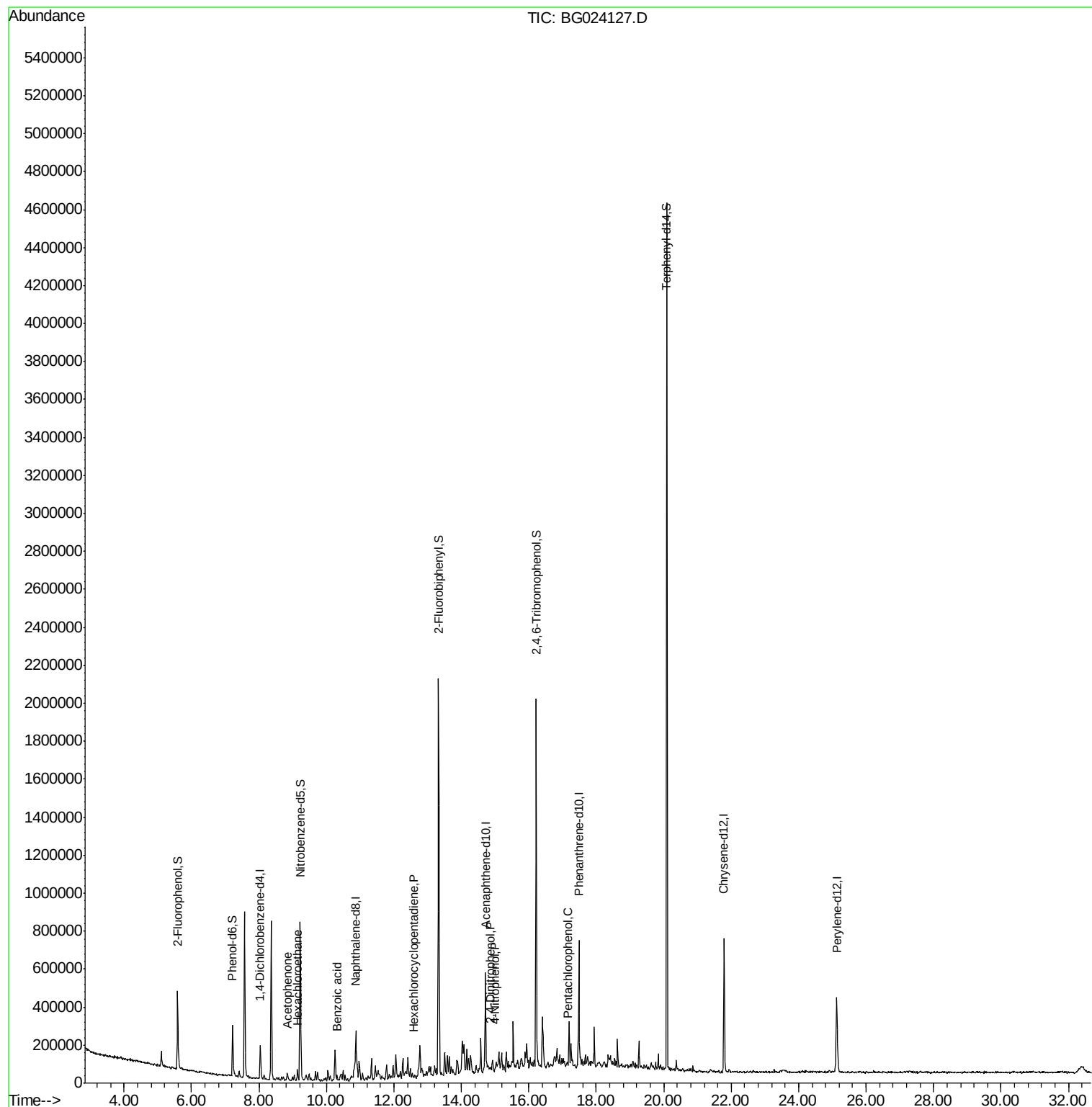
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47140	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	207264	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	170542	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	376169	20.00	ng	0.00
75) Chrysene-d12	21.79	240	442250	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						
18) Hexachloroethane	9.15	117	7119	4.56	ng	# 1
22) Acetophenone	8.84	105	26028	4.35	ng	# 58
32) Benzoic acid	10.30	122	61	2.18	ng	# 1
40) Hexachlorocyclopentadiene	12.59	237	62	3.62	ng	# 26
53) 2,4-Dinitrophenol	14.86	184	87	2.51	ng	# 1
55) 4-Nitrophenol	14.99	139	431	5.53	ng	# 52
69) Pentachlorophenol	17.14	266	58	3.58	ng	# 18

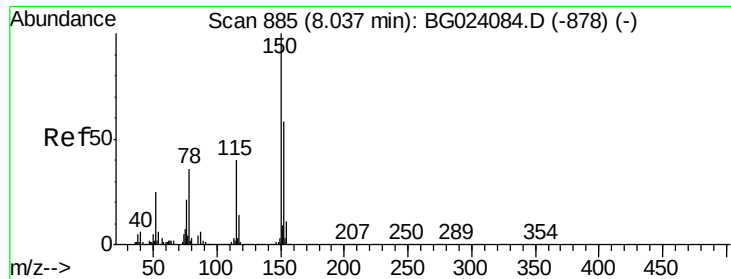
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_G

ClientSampleId :

FORMER-POTABLE-WELL

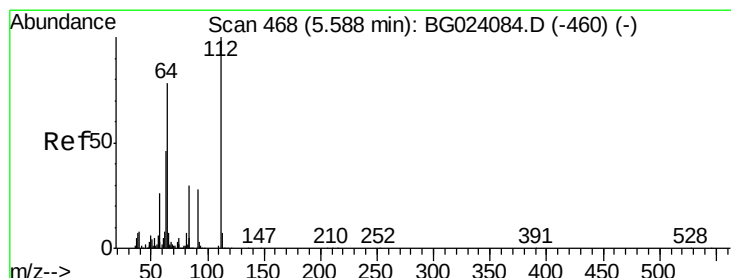
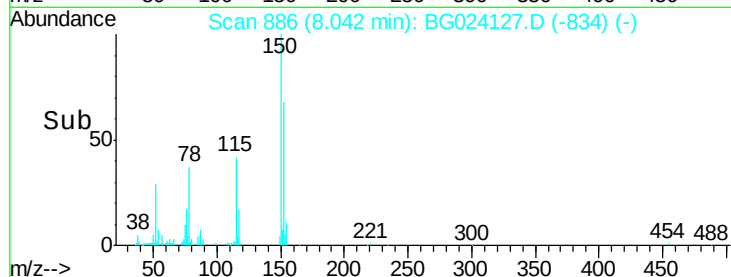
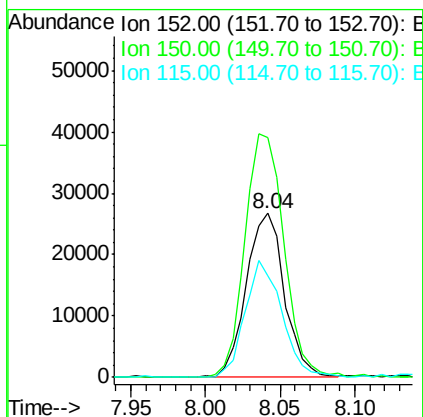
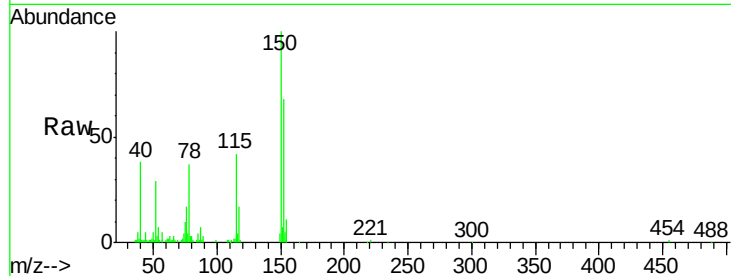
Tgt Ion:152 Resp: 47140

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

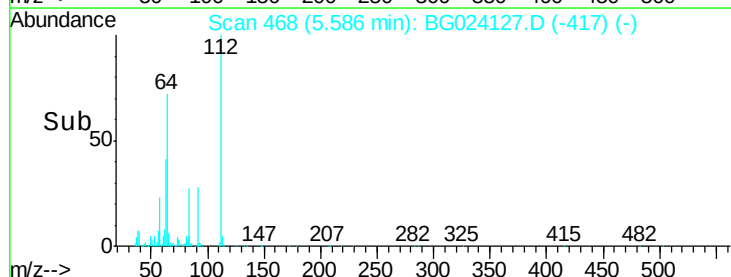
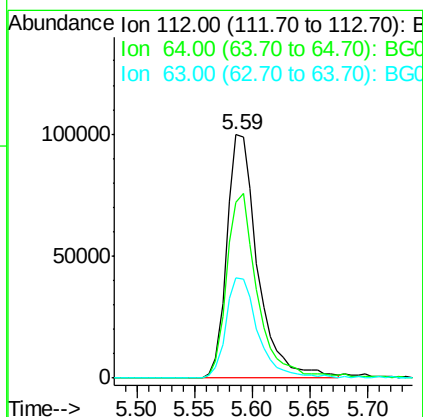
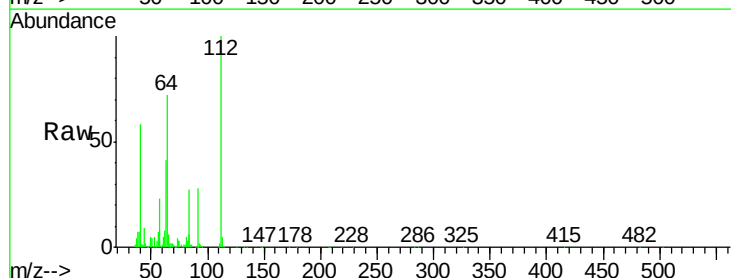
Tgt Ion:112 Resp: 184860

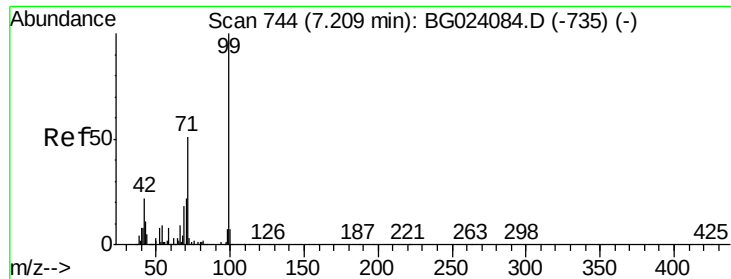
Ion Ratio Lower Upper

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 :

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ClientSampleId :

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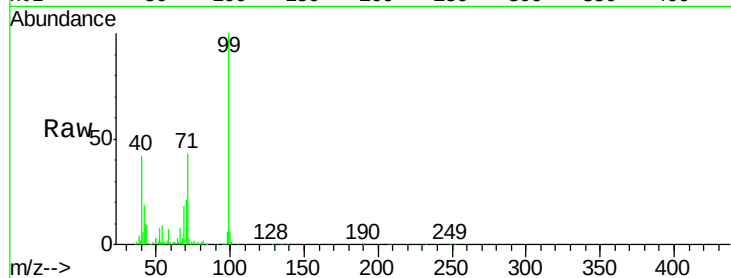
Tgt Ion: 99 Resp: 170776

Ion Ratio Lower Upper

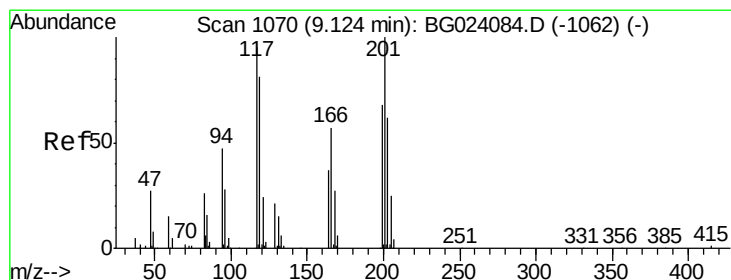
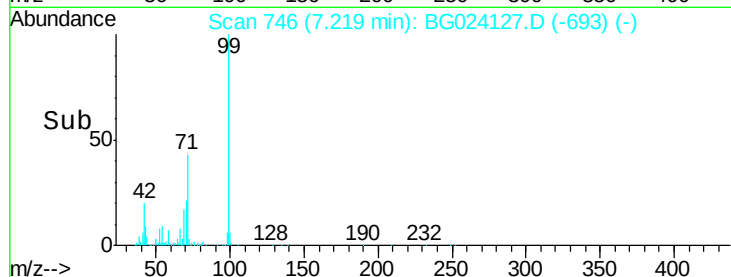
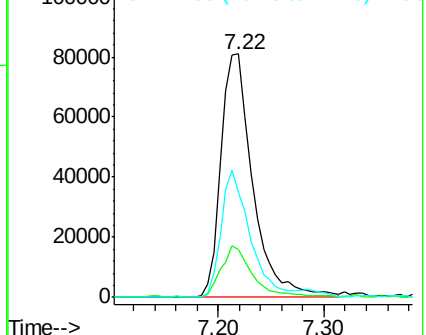
99 100

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



#18

Hexachloroethane

Concen: 4.56 ng

RT: 9.15 min Scan# 1075

Delta R.T. 0.03 min

Lab File: BG024127.D

Acq: 24 Sep 2016 17:07

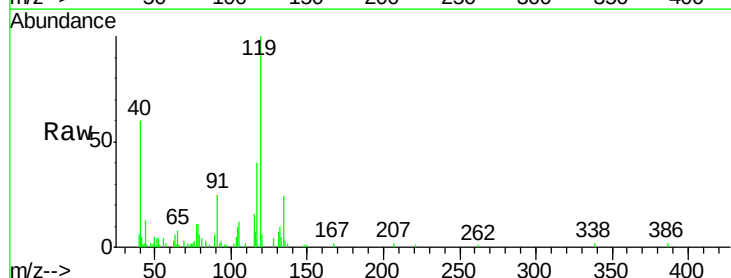
Tgt Ion: 117 Resp: 7119

Ion Ratio Lower Upper

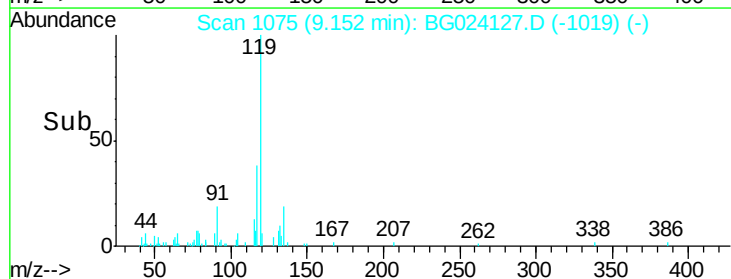
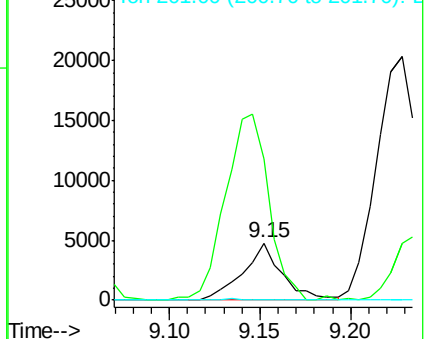
117 100

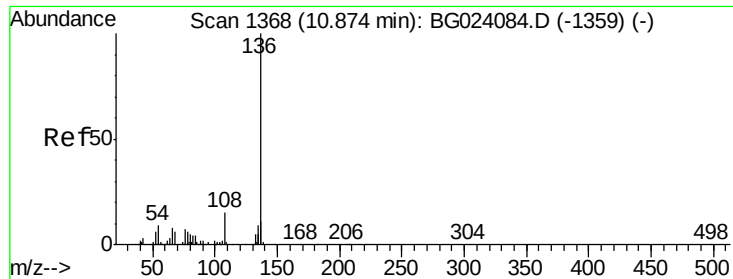
119 247.7 73.7 110.5#

201 0.0 88.7 133.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

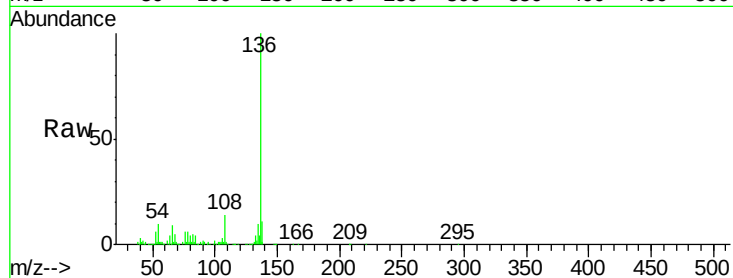




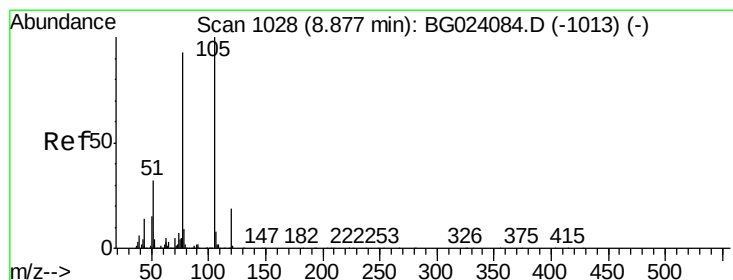
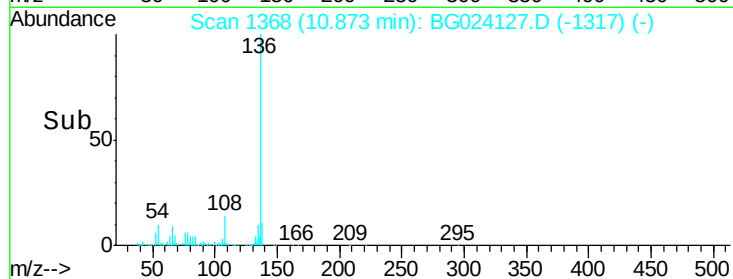
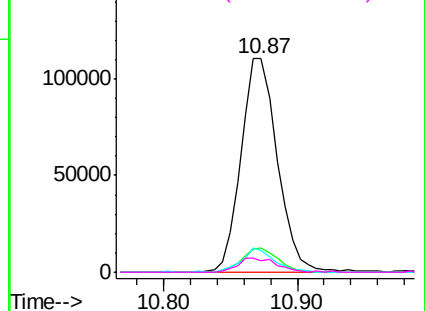
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG024127.D
Acq: 24 Sep 2016 17:07

Instrument :
BNA_G
ClientSampleId :
FORMER-POTABLE-WELL

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

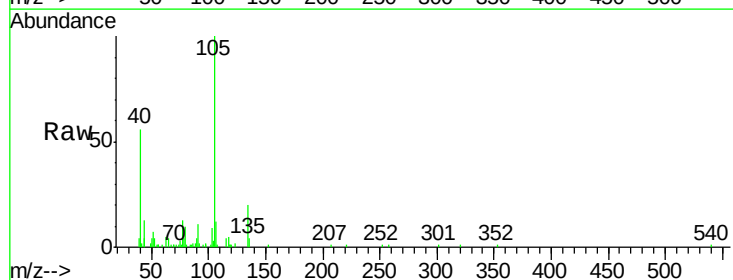


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

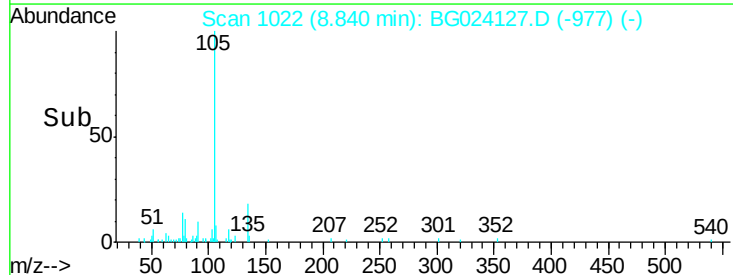
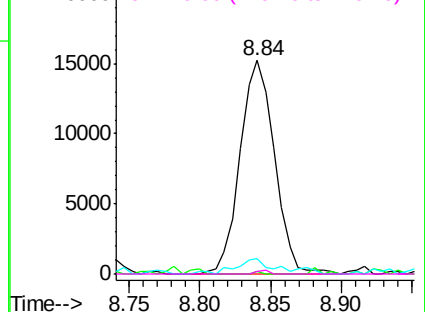


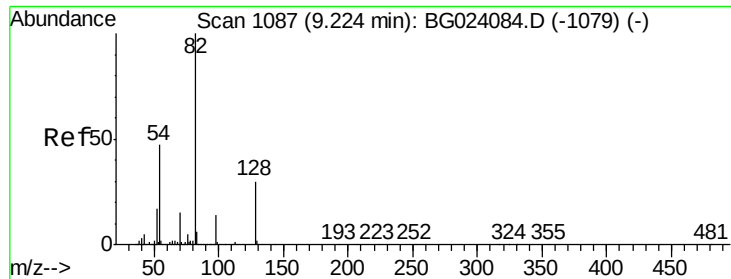
#22
Acetophenone
Concen: 4.35 ng
RT: 8.84 min Scan# 1022
Delta R.T. -0.04 min
Lab File: BG024127.D
Acq: 24 Sep 2016 17:07

Tgt Ion:	105	Resp:	26028
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	3.8#
51	7.3	27.1	40.7#
120	1.0	15.1	22.7#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

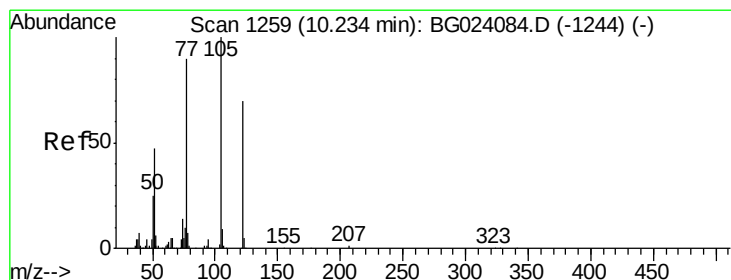
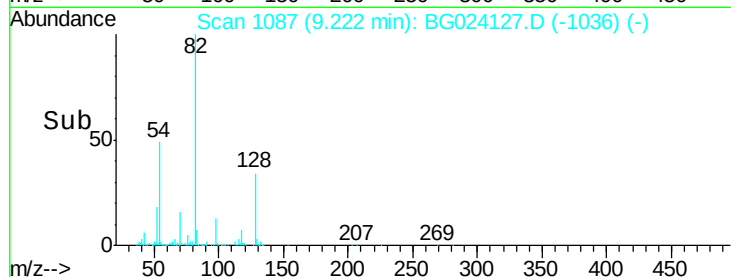
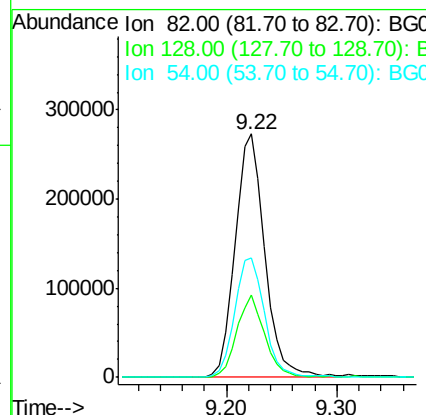
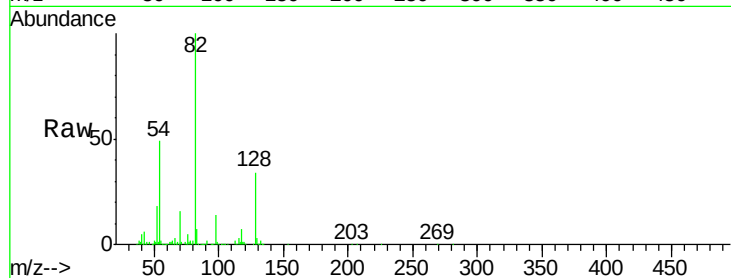




#23
 Nitrobenzene-d5
 Concen: 98.01 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BG024127.D
 Acq: 24 Sep 2016 17:07

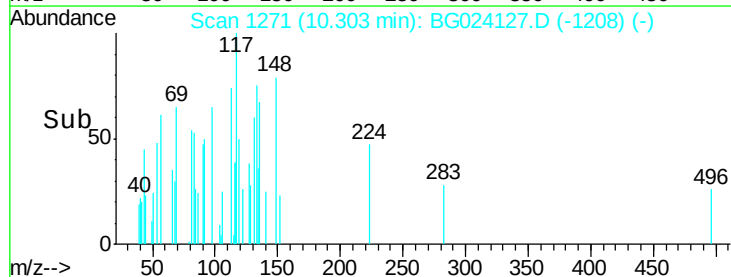
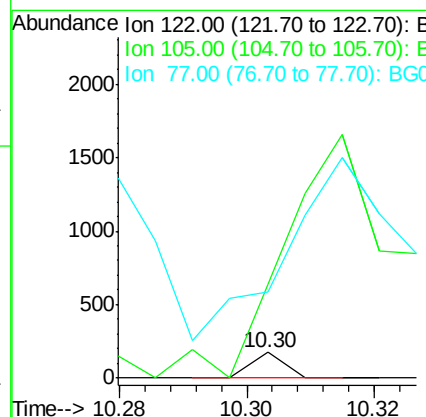
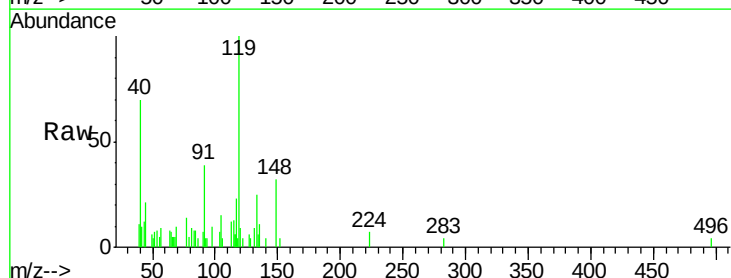
Instrument :
 BNA_G
 ClientSampleId :
 FORMER-POTABLE-WELL

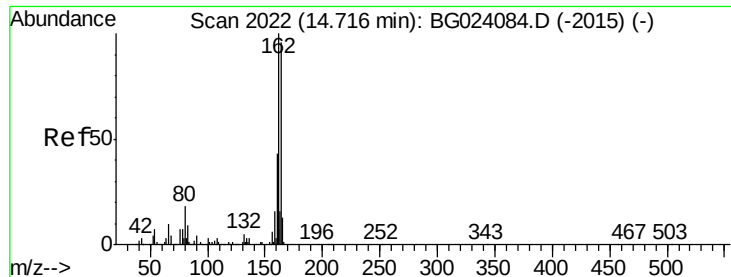
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	24.4	36.6
54	49.1	41.4	62.0



#32
 Benzoic acid
 Concen: 2.18 ng
 RT: 10.30 min Scan# 1271
 Delta R.T. 0.07 min
 Lab File: BG024127.D
 Acq: 24 Sep 2016 17:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	367.6	117.2	157.2#
77	341.0	109.2	149.2#





#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

Instrument :

BNA_G

ClientSampleId :

FORMER-POTABLE-WELL

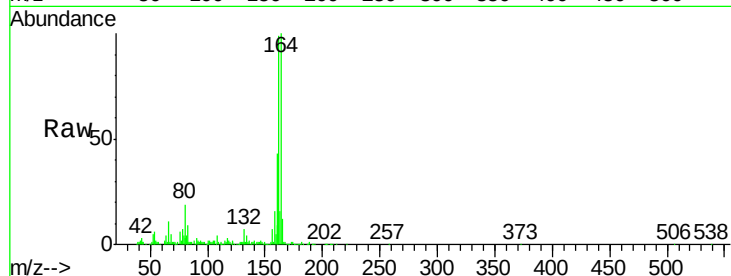
Tgt Ion:164 Resp: 170542

Ion Ratio Lower Upper

164 100

162 99.0 87.7 131.5

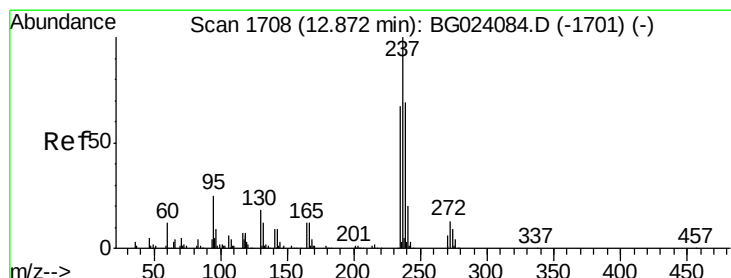
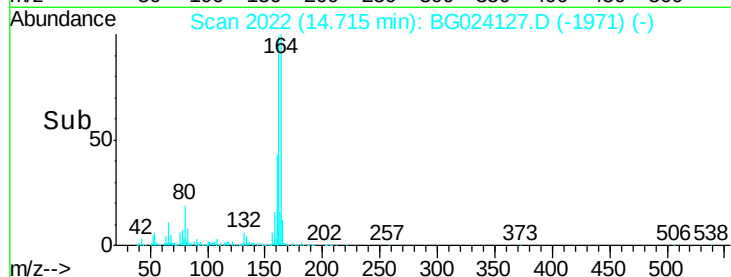
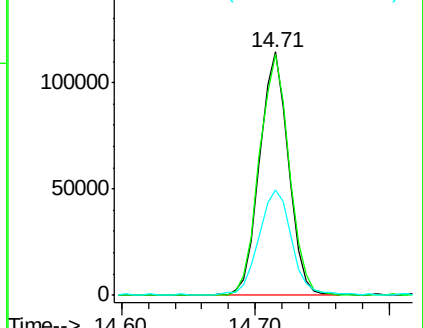
160 43.4 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 3.62 ng

RT: 12.59 min Scan# 1661

Delta R.T. -0.28 min

Lab File: BG024127.D

Acq: 24 Sep 2016 17:07

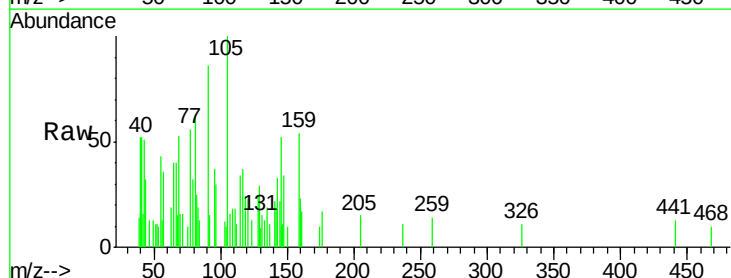
Tgt Ion:237 Resp: 62

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

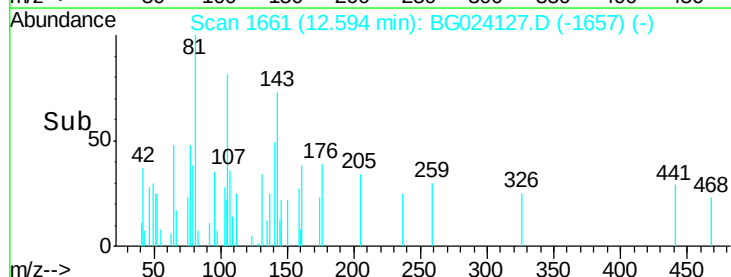
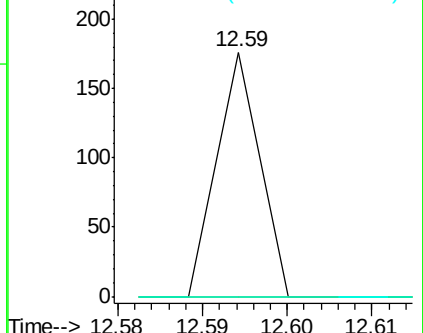
272 0.0 0.0 30.9

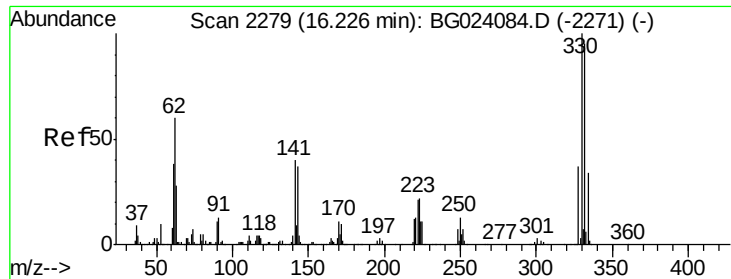


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

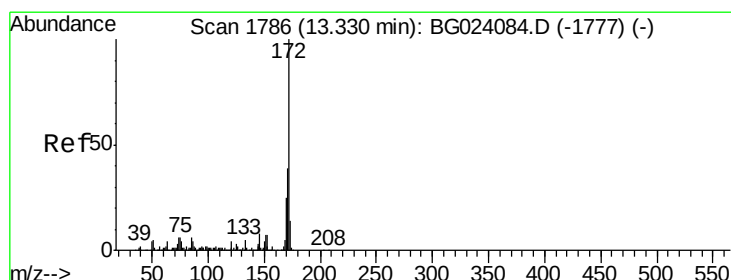
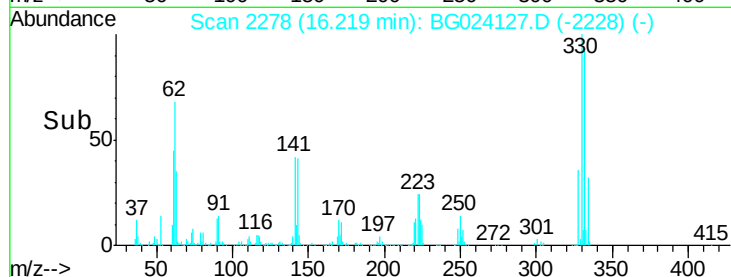
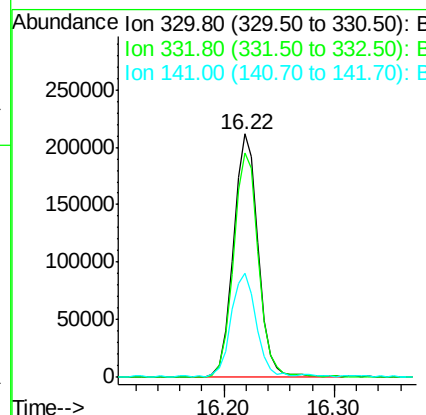
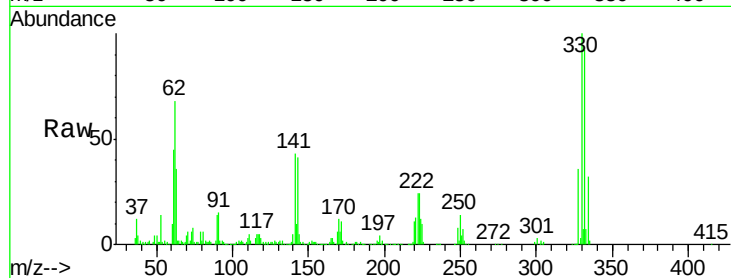




#41
 2,4,6-Tribromophenol
 Concen: 135.58 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024127.D
 Acq: 24 Sep 2016 17:07

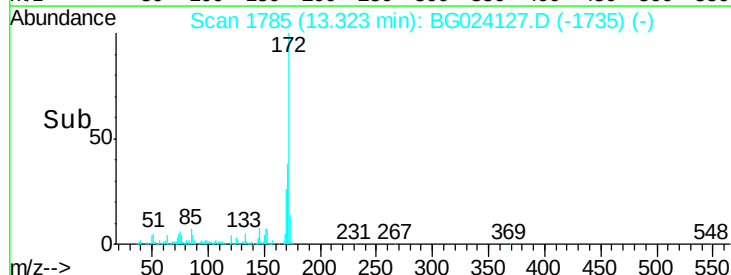
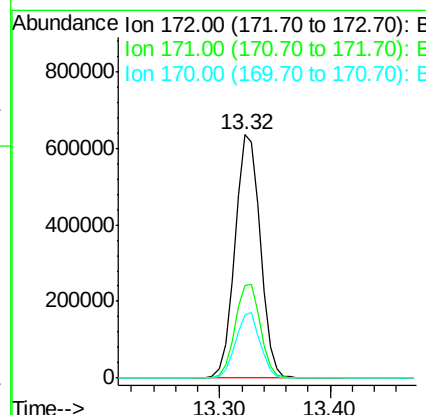
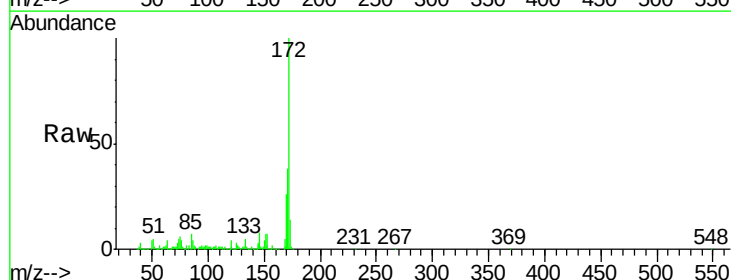
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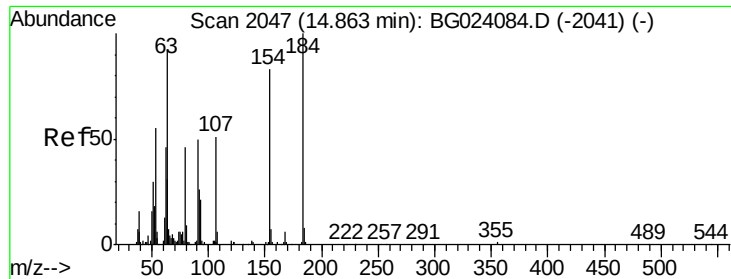
Tgt Ion:330 Resp: 332358
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.4 116.2
 141 43.0 31.7 47.5



#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:172 Resp: 1024079
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.6 47.4
 170 25.8 21.3 31.9

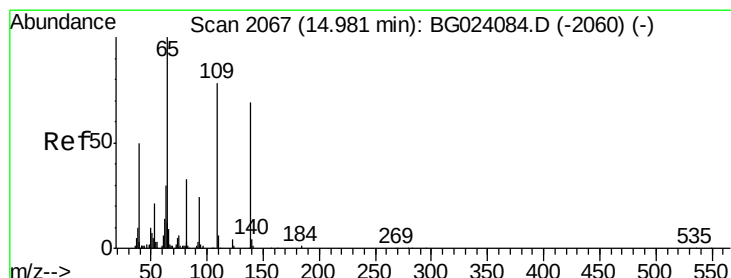
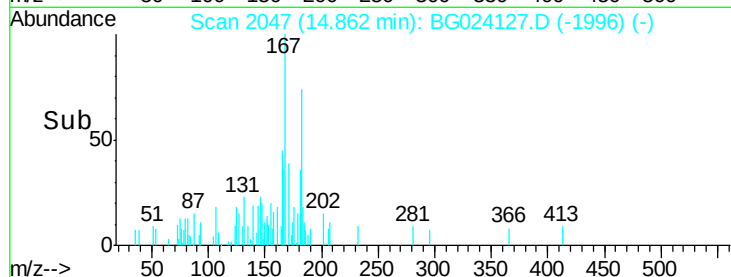
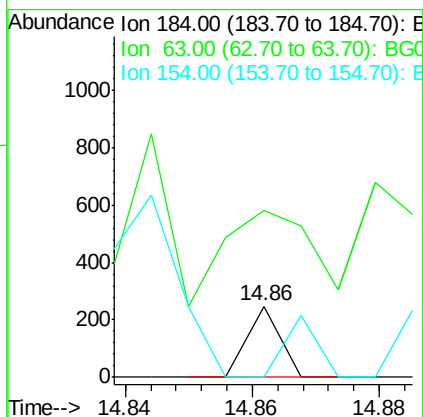
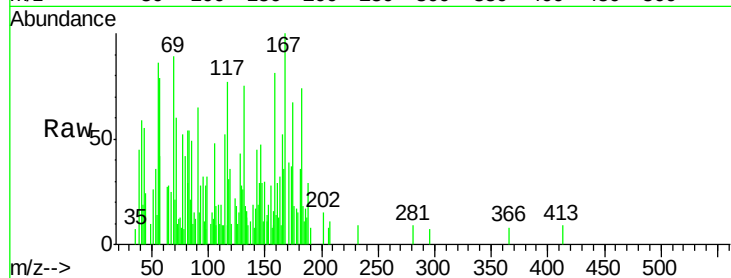




#53
2,4-Dinitrophenol
Concen: 2.51 ng
RT: 14.86 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG024127.D
Acq: 24 Sep 2016 17:07

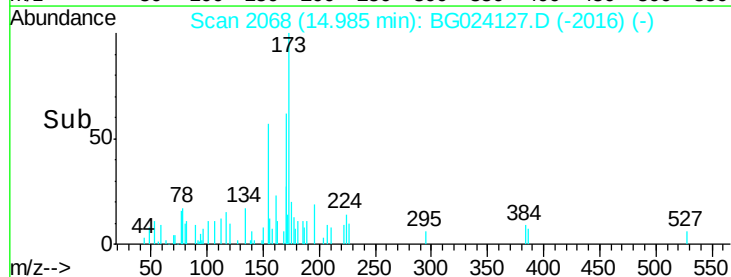
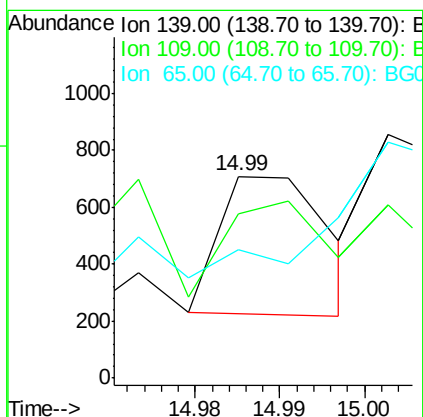
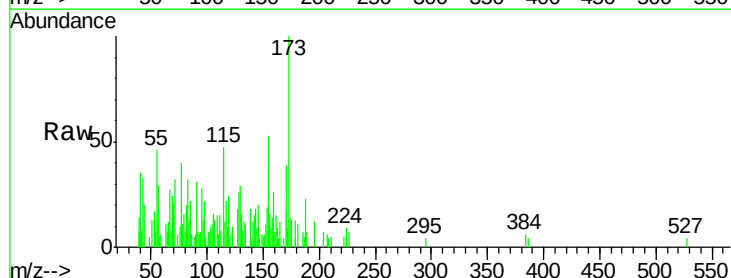
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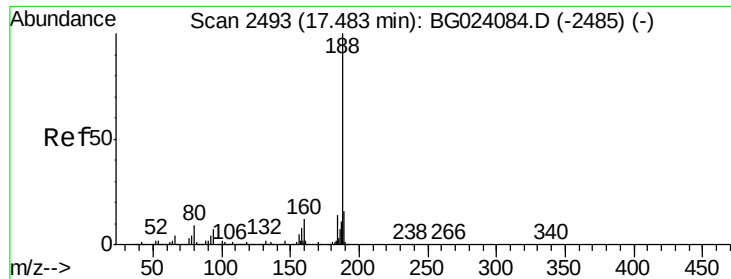
Tgt Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
63 234.4 59.6 89.4#
154 0.0 67.4 101.0#



#55
4-Nitrophenol
Concen: 5.53 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG024127.D
Acq: 24 Sep 2016 17:07

Tgt Ion:139 Resp: 431
Ion Ratio Lower Upper
139 100
109 81.2 103.0 143.0#
65 63.7 112.7 152.7#

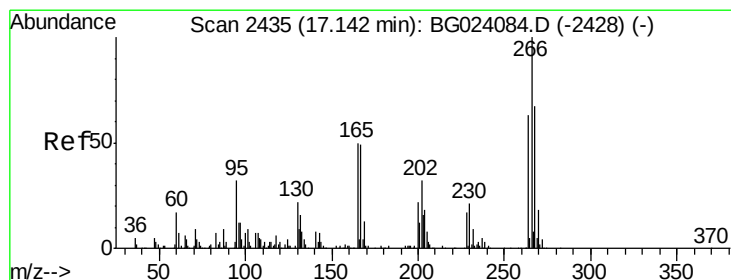
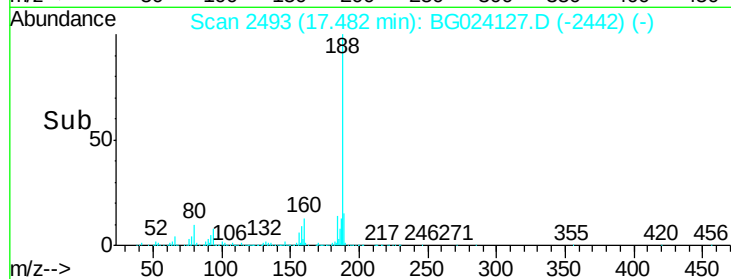
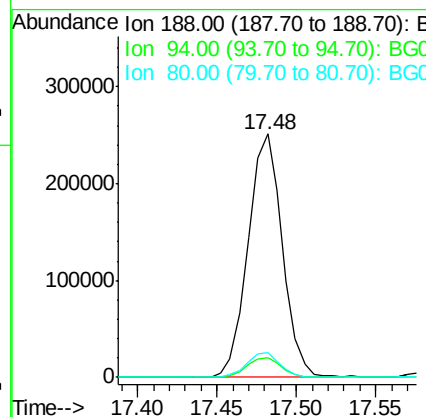
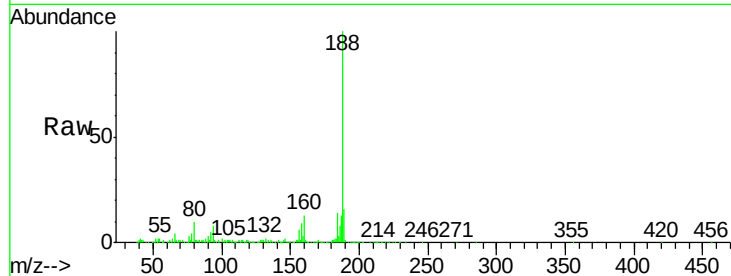




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024127.D
Acq: 24 Sep 2016 17:07

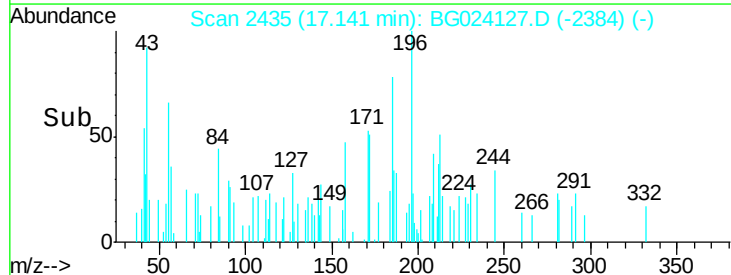
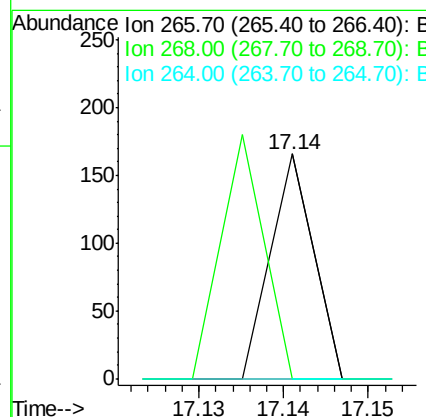
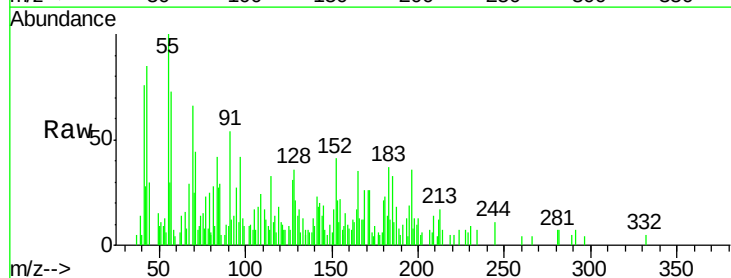
Instrument :
BNA_G
ClientSampleId :
FORMER-POTABLE-WELL

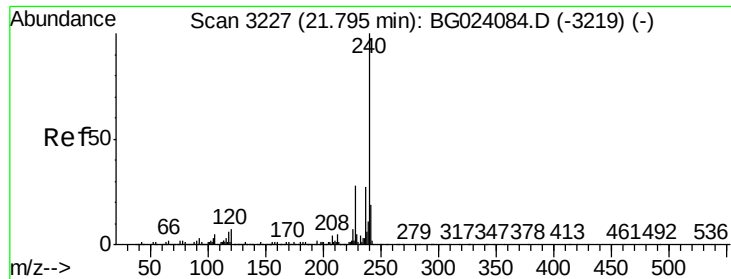
Tgt Ion:188 Resp: 376169
Ion Ratio Lower Upper
188 100
94 7.9 5.2 7.8#
80 10.2 7.2 10.8



#69
Pentachlorophenol
Concen: 3.58 ng
RT: 17.14 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG024127.D
Acq: 24 Sep 2016 17:07

Tgt Ion:266 Resp: 58
Ion Ratio Lower Upper
266 100
268 0.0 51.9 77.9#
264 0.0 50.6 75.8#





#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

Instrument :

BNA_G

ClientSampleId :

FORMER-POTABLE-WELL

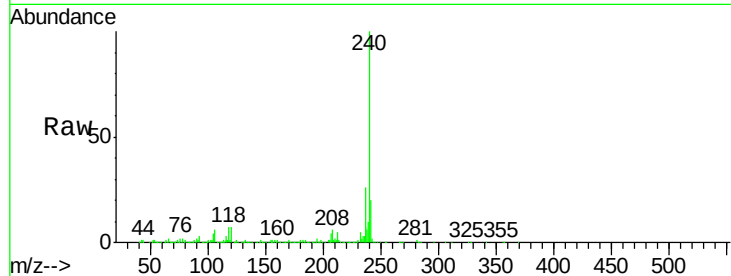
Tgt Ion:240 Resp: 442250

Ion Ratio Lower Upper

240 100

120 7.0 4.1 6.1#

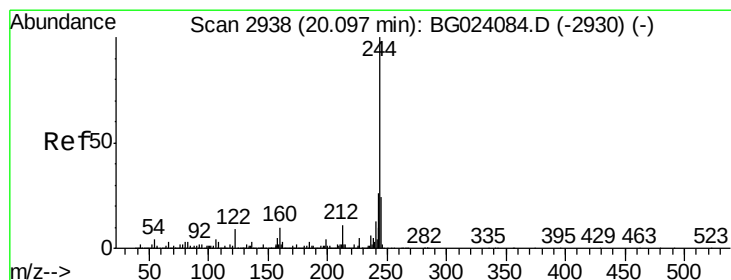
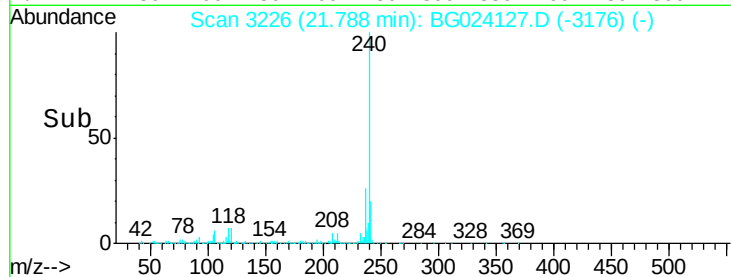
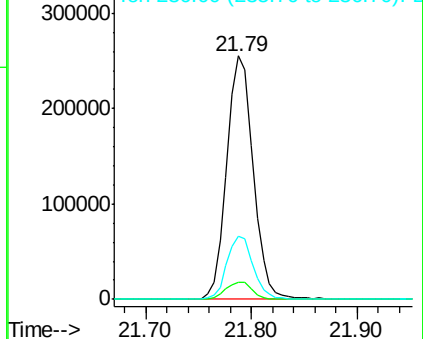
236 25.8 21.1 31.7



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: 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

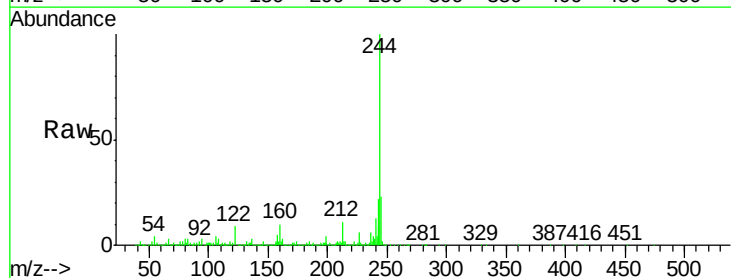
Tgt Ion:244 Resp: 1746539

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2#

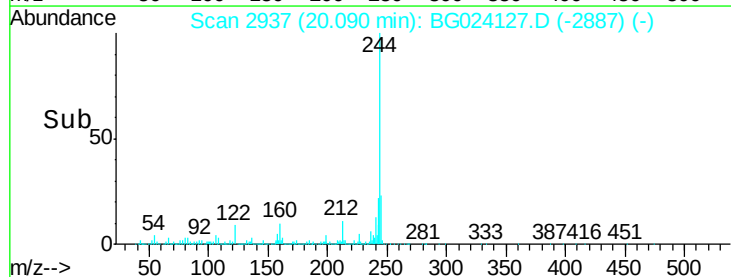
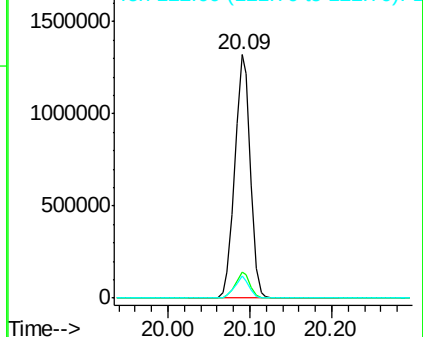
122 9.1 8.0 12.0

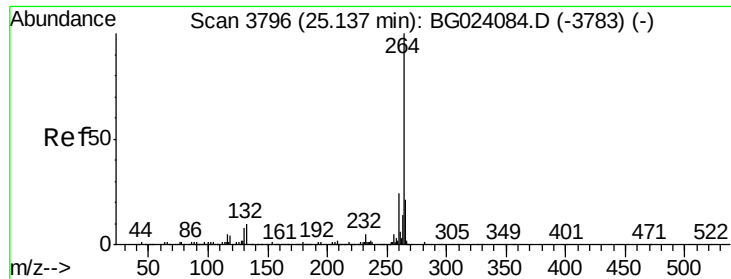


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_G
ClientSampleId :
FORMER-POTABLE-WELL

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

