

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021701.D
 Acq On : 16 Apr 2016 1:13
 Operator : UM/SJ
 Sample : H2559-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-09-CS-2(0-8FTBGS)

Quant Time: Apr 16 02:23:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

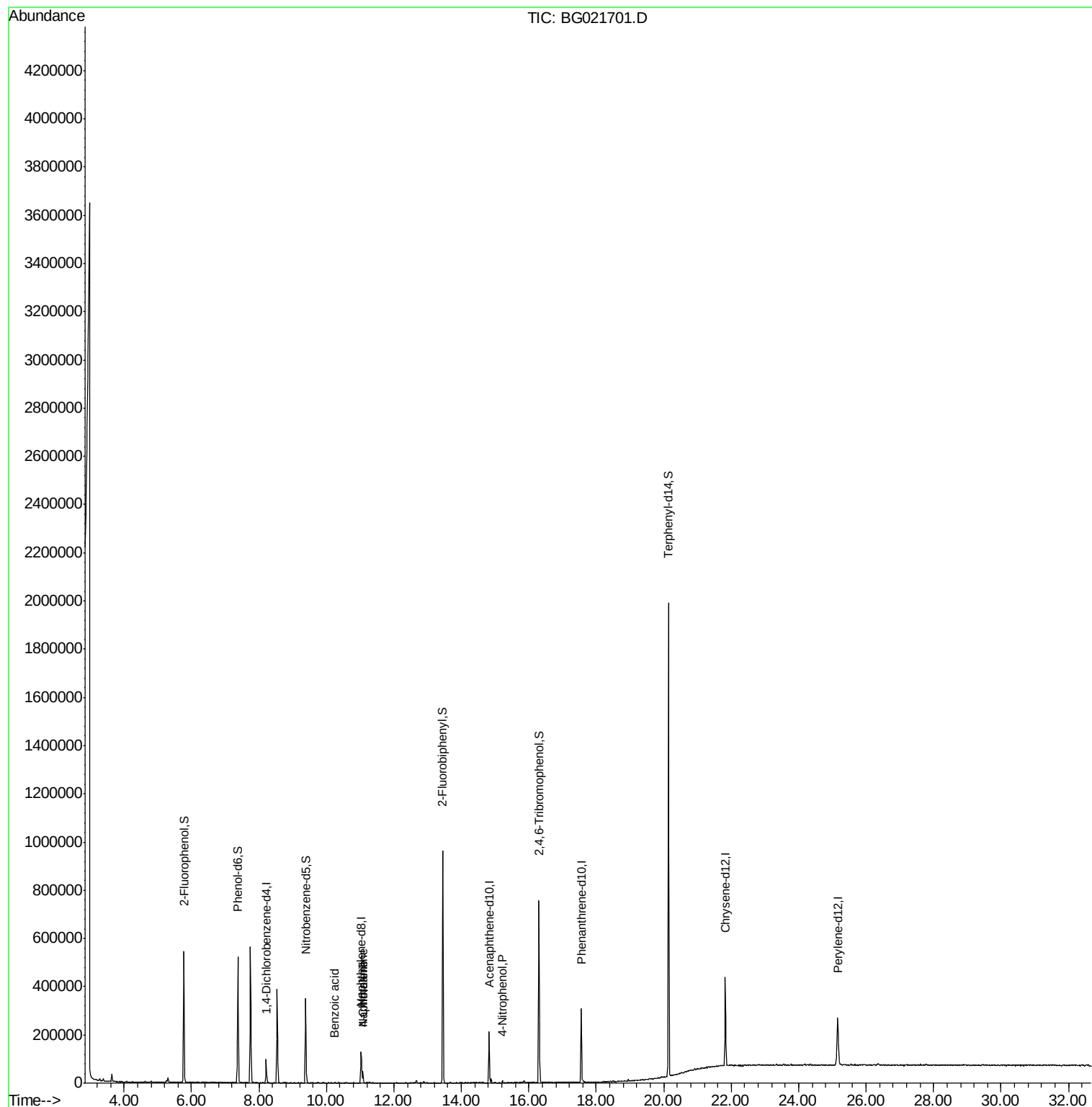
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27147	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	115874	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	74077	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	187336	20.00	ng	0.00
75) Chrysene-d12	21.83	240	218166	20.00	ng	0.00
86) Perylene-d12	25.16	264	217486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	235220	144.29	ng	0.01
7) Phenol-d6	7.37	99	308354	126.63	ng	0.02
23) Nitrobenzene-d5	9.38	82	214693	95.23	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	139022	174.13	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	486581	96.24	ng	0.00
78) Terphenyl-d14	20.14	244	833491	95.33	ng	0.00
Target Compounds						
31) Naphthalene	11.08	128	38990	6.29	ng	Qvalue # 94
32) Benzoic acid	10.25	122	347	4.60	ng	83
33) 4-Chloroaniline	11.08	127	5534	2.06	ng	# 40
55) 4-Nitrophenol	15.22	139	2364	2.04	ng	# 5

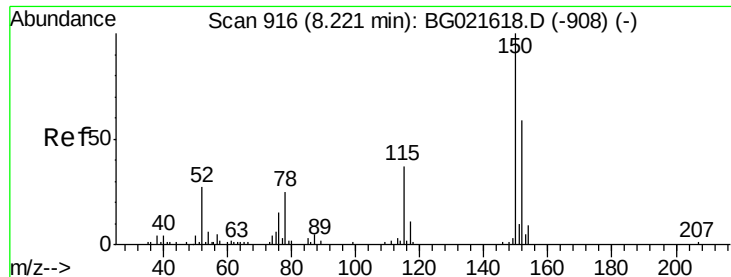
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

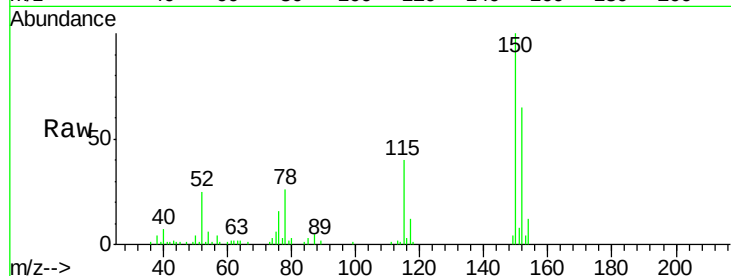
Tgt Ion:152 Resp: 27147

Ion Ratio Lower Upper

152 100

150 154.7 130.1 195.1

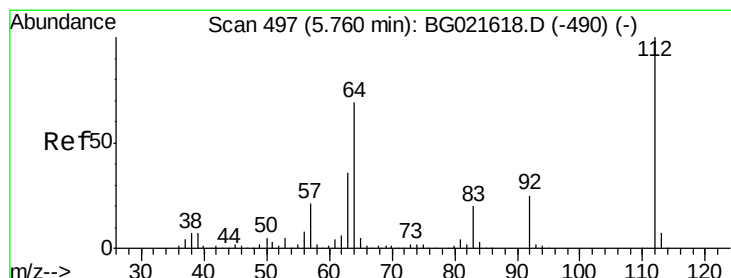
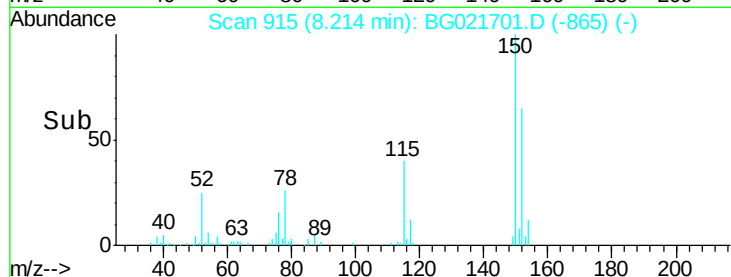
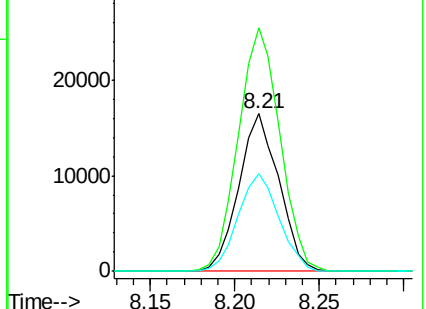
115 62.5 62.2 93.2



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: 144.29 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

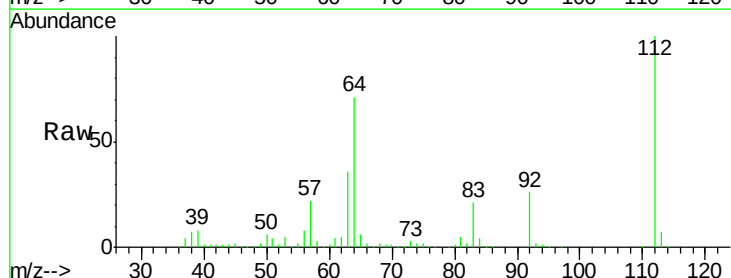
Tgt Ion:112 Resp: 235220

Ion Ratio Lower Upper

112 100

64 70.7 51.1 76.7

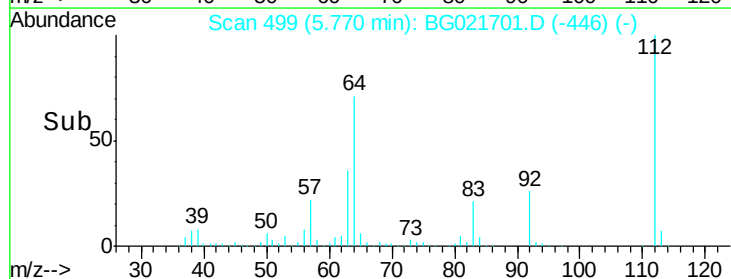
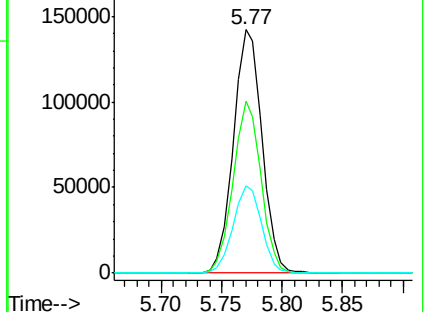
63 35.7 24.6 37.0

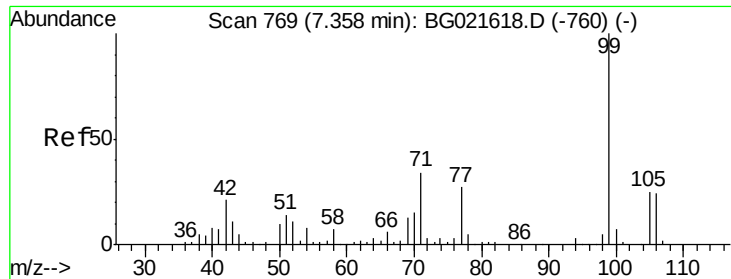


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.63 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

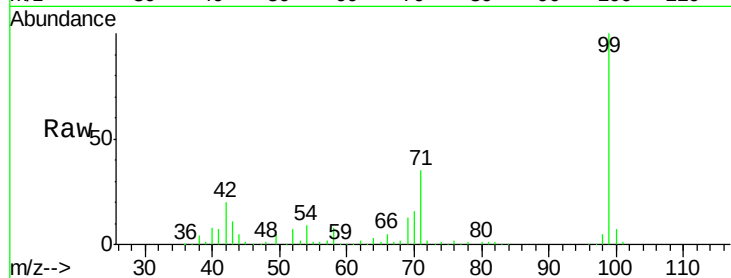
Tgt Ion: 99 Resp: 308354

Ion Ratio Lower Upper

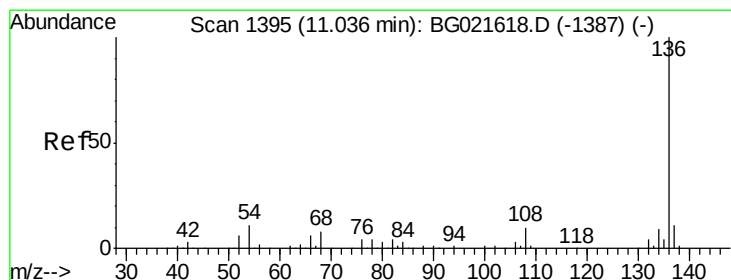
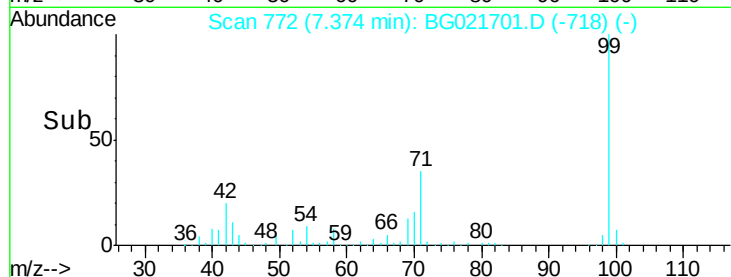
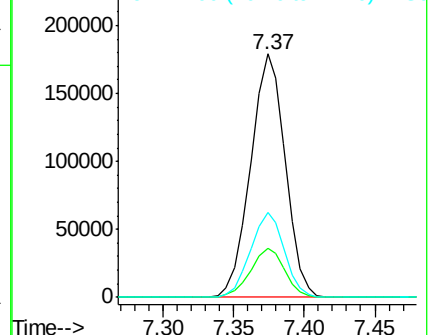
99 100

42 20.1 16.4 24.6

71 34.7 25.0 37.4



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: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

Tgt Ion: 136 Resp: 115874

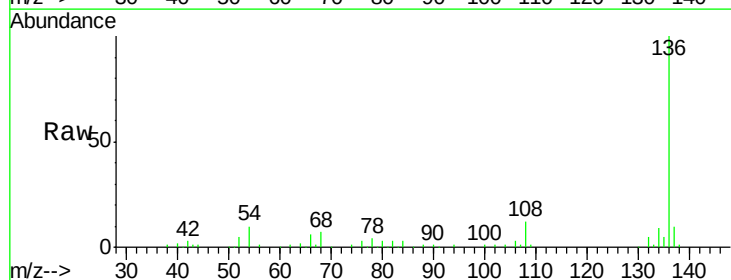
Ion Ratio Lower Upper

136 100

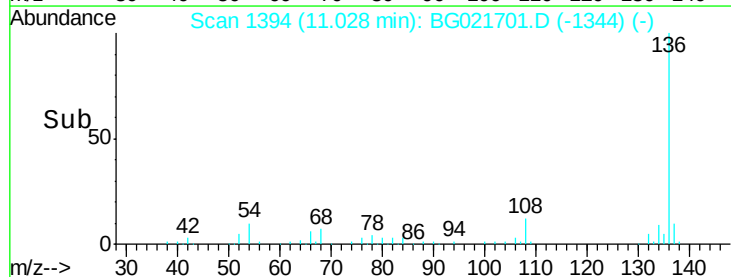
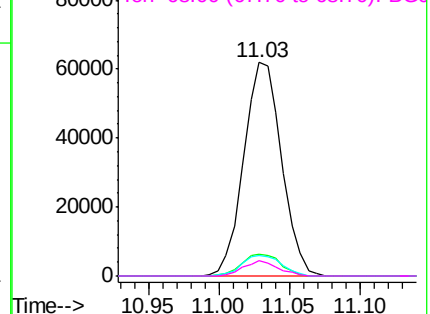
137 10.0 9.0 13.4

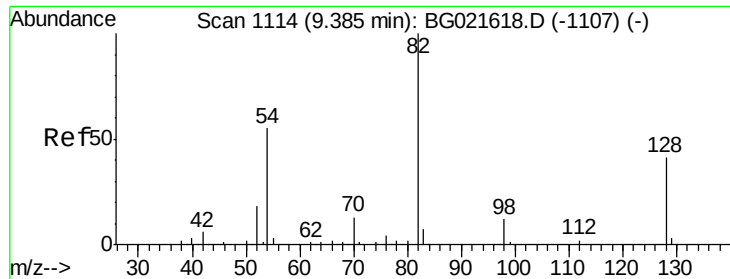
54 9.6 9.6 14.4

68 7.2 6.4 9.6



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

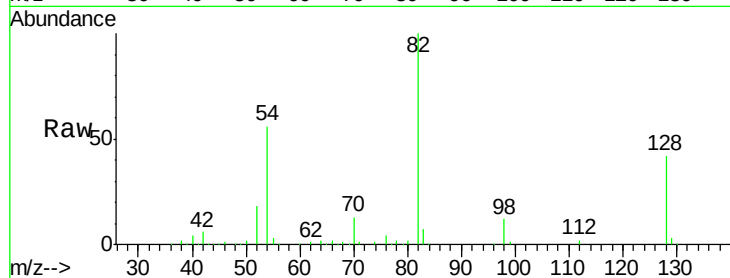




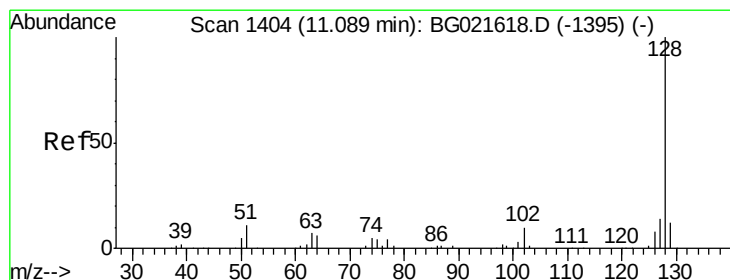
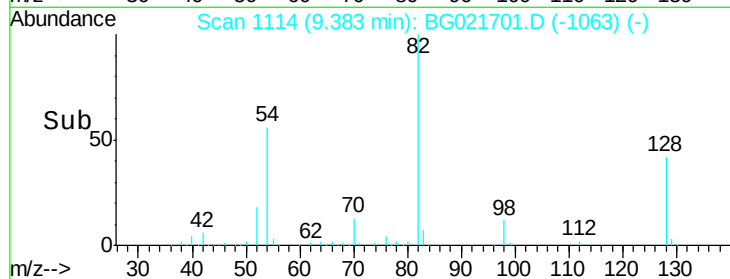
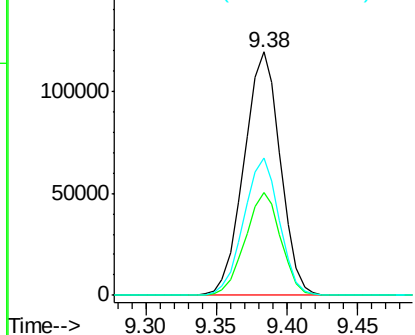
#23
 Nitrobenzene-d5
 Concen: 95.23 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021701.D
 Acq: 16 Apr 2016 1:13

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-09-CS-2(0-8FTBGS)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.0
54	56.2	46.1	69.1

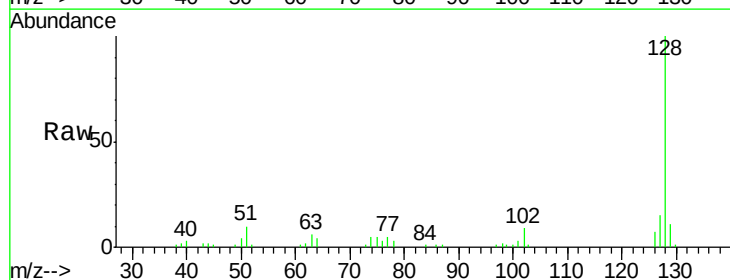


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

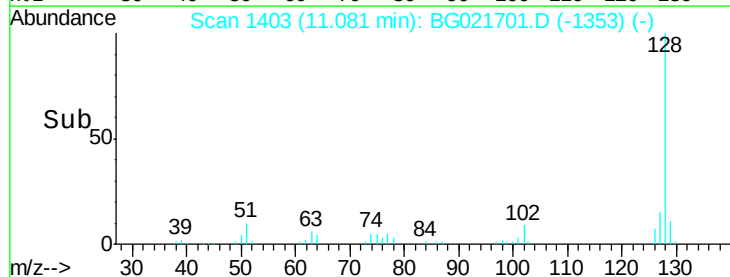
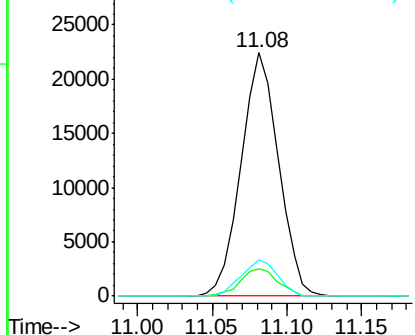


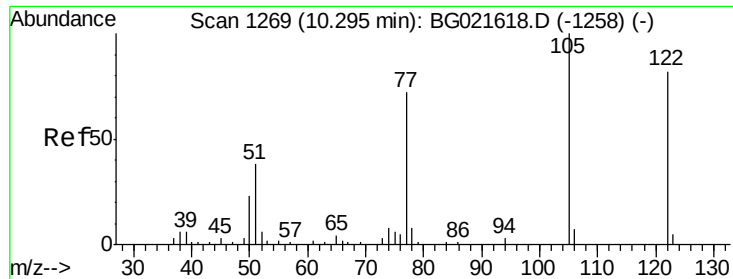
#31
 Naphthalene
 Concen: 6.29 ng
 RT: 11.08 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BG021701.D
 Acq: 16 Apr 2016 1:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	7.0	10.6#
127	15.0	10.1	15.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#32

Benzoic acid

Concen: 4.60 ng

RT: 10.25 min Scan# 1261

Delta R.T. -0.05 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

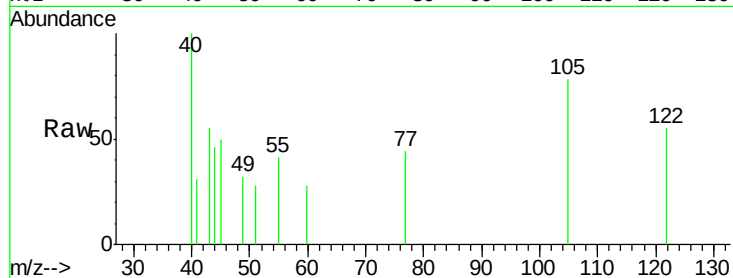
Tgt Ion:122 Resp: 347

Ion Ratio Lower Upper

122 100

105 142.0 104.5 144.5

77 80.4 79.9 119.9

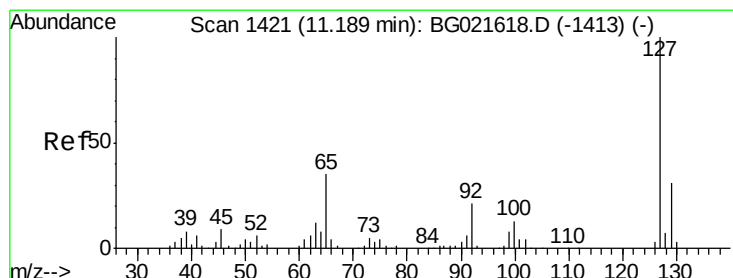
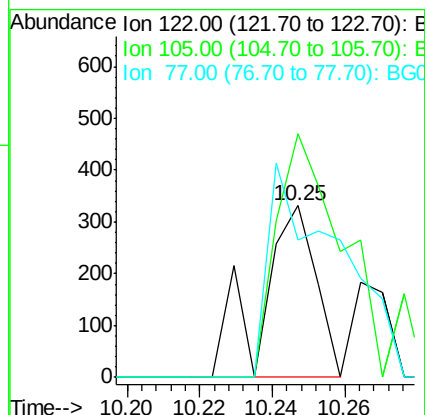
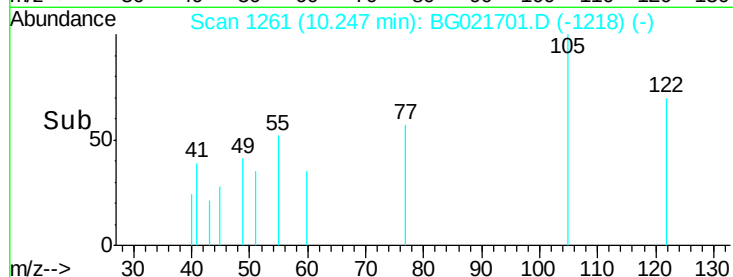


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Time-->



#33

4-Chloroaniline

Concen: 2.06 ng

RT: 11.08 min Scan# 1403

Delta R.T. -0.11 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

Tgt Ion:127 Resp: 5534

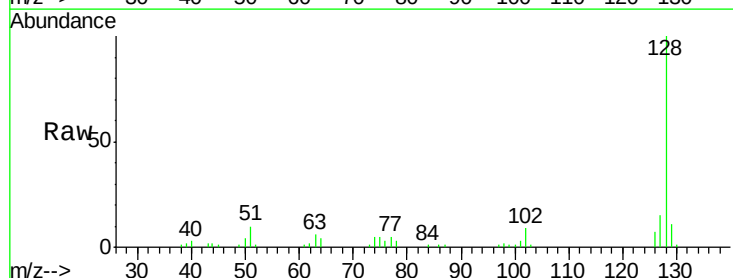
Ion Ratio Lower Upper

127 100

129 73.7 26.6 39.8#

65 0.0 27.5 41.3#

92 0.0 14.7 22.1#



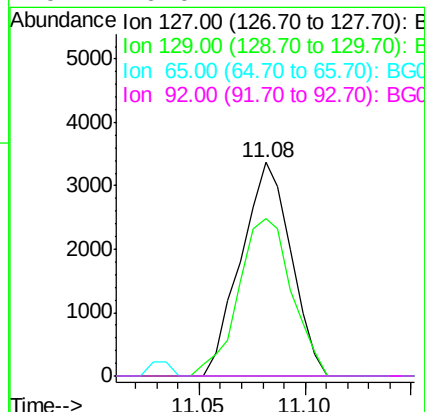
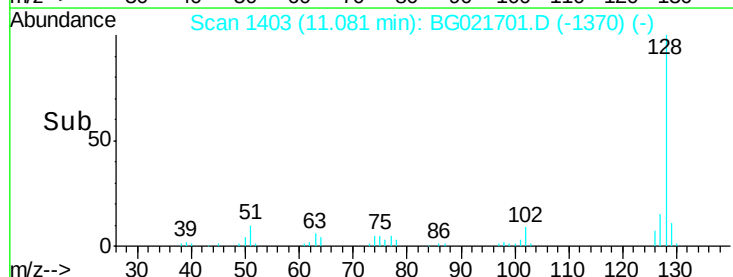
Abundance Ion 127.00 (126.70 to 127.70): E

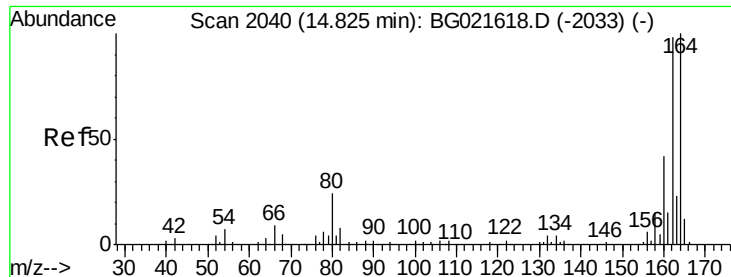
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

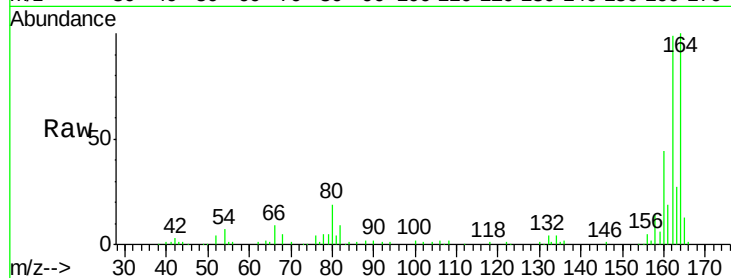
Tgt Ion:164 Resp: 74077

Ion Ratio Lower Upper

164 100

162 99.3 78.0 117.0

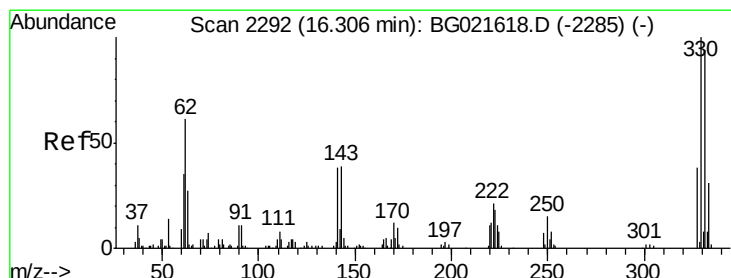
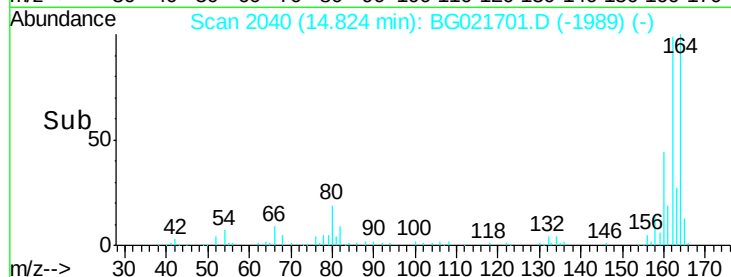
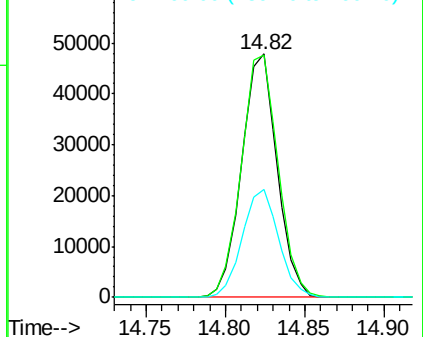
160 44.4 32.9 49.3



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: 174.13 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

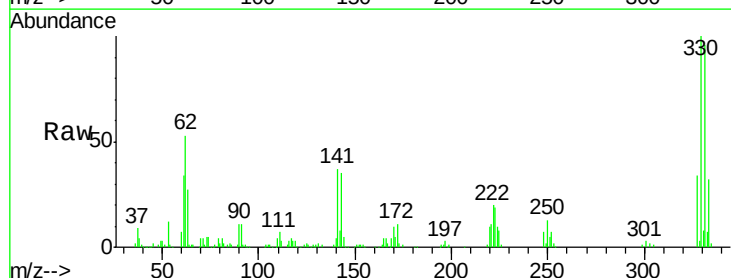
Tgt Ion:330 Resp: 139022

Ion Ratio Lower Upper

330 100

332 96.3 78.0 117.0

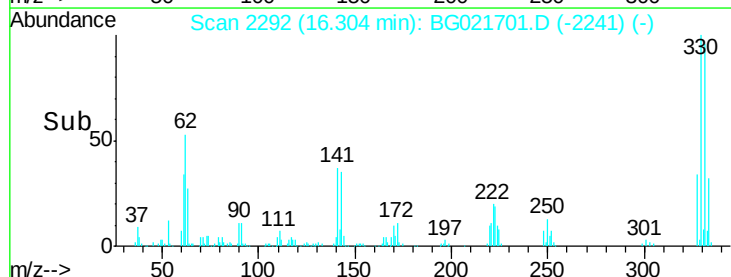
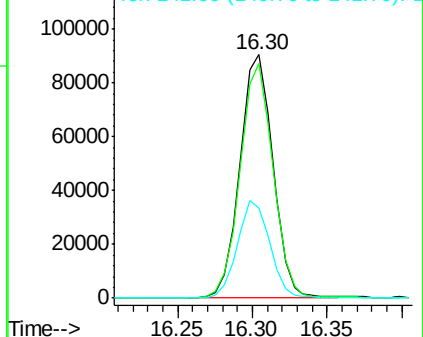
141 39.7 33.8 50.8

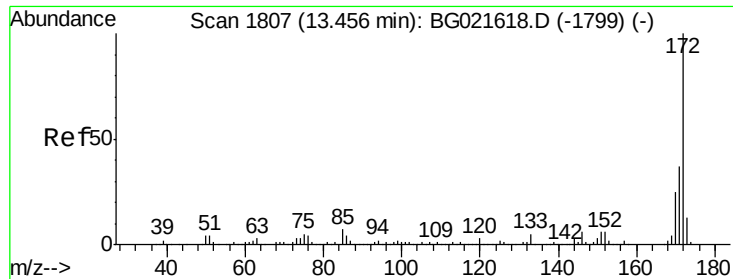


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

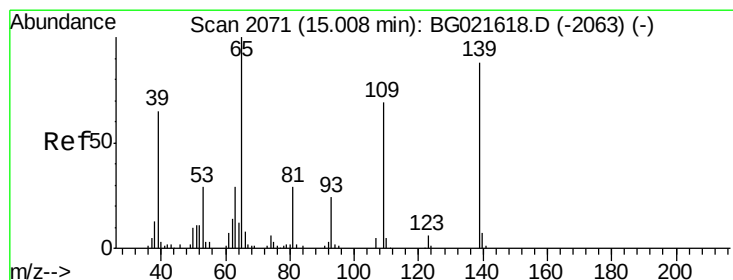
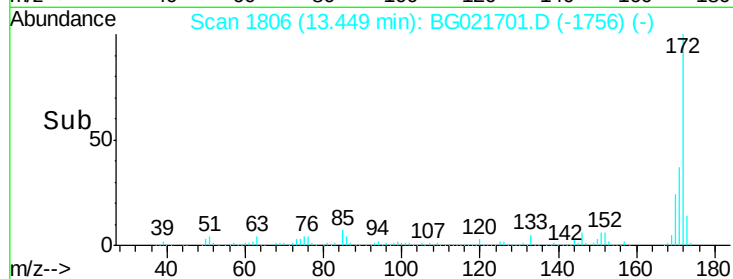
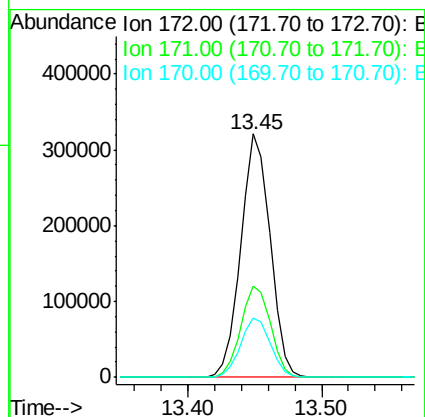
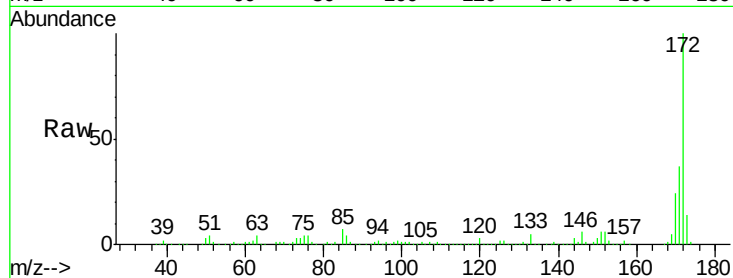




#44
 2-Fluorobiphenyl
 Concen: 96.24 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021701.D
 Acq: 16 Apr 2016 1:13

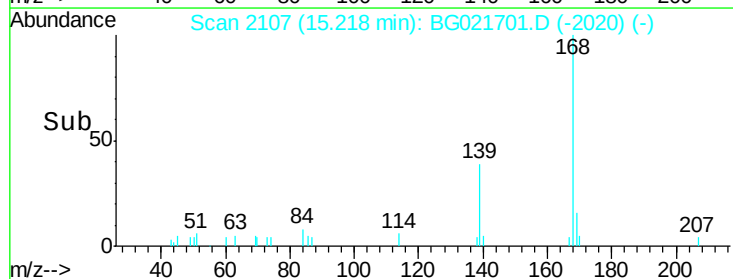
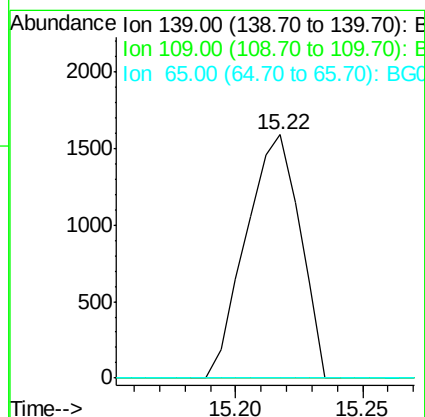
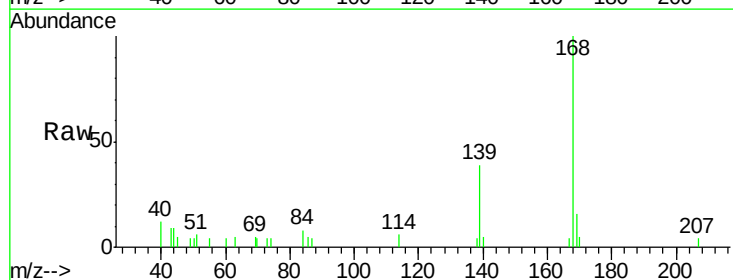
Instrument :
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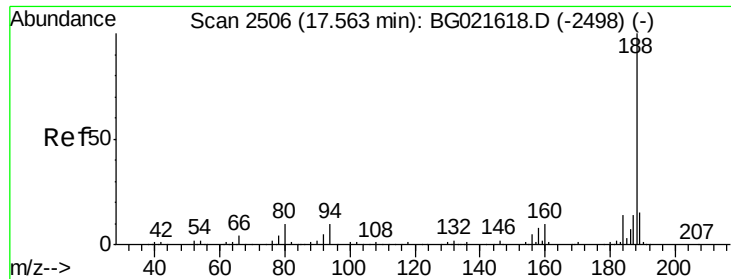
Tgt Ion:172 Resp: 486581
 Ion Ratio Lower Upper
 172 100
 171 37.3 27.8 41.6
 170 24.1 19.6 29.4



#55
 4-Nitrophenol
 Concen: 2.04 ng
 RT: 15.22 min Scan# 2107
 Delta R.T. 0.21 min
 Lab File: BG021701.D
 Acq: 16 Apr 2016 1:13

Tgt Ion:139 Resp: 2364
 Ion Ratio Lower Upper
 139 100
 109 0.0 49.2 89.2#
 65 0.0 83.2 123.2#

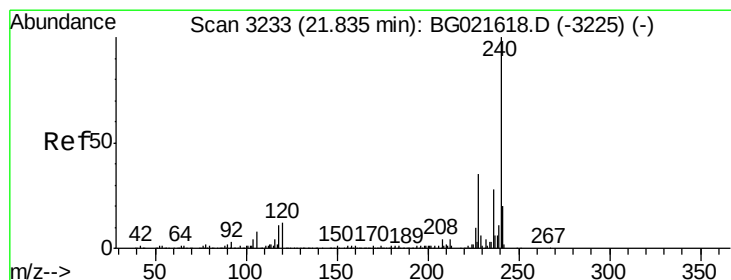
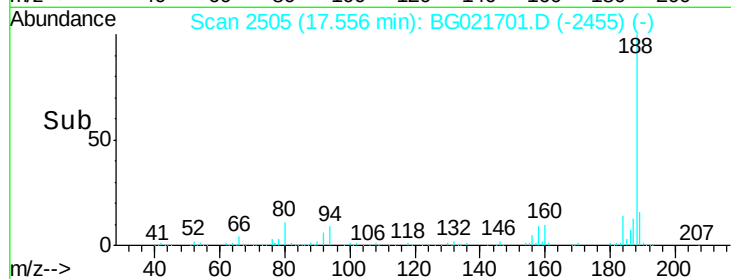
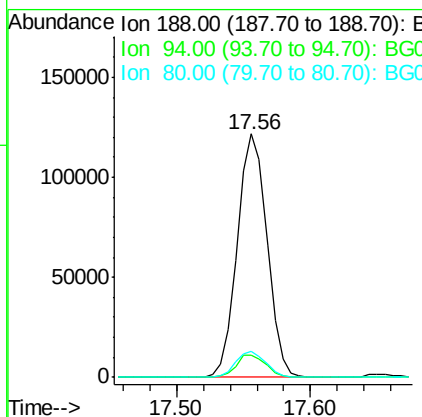
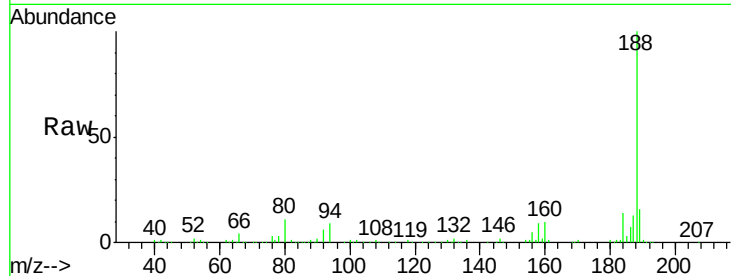




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021701.D
Acq: 16 Apr 2016 1:13

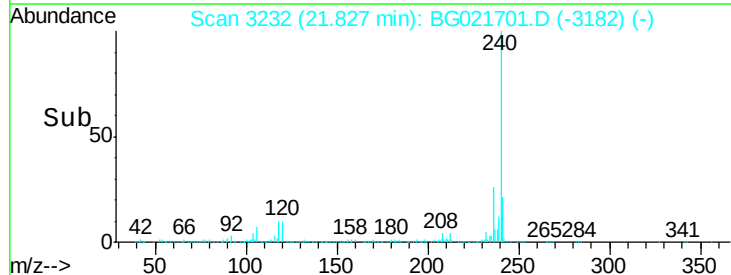
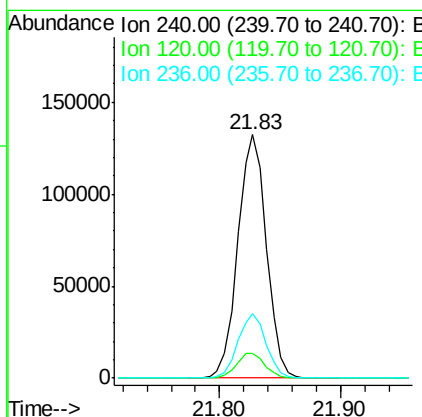
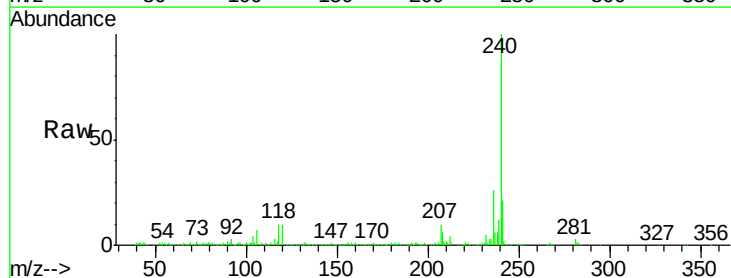
Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-09-CS-2(0-8FTBGS)

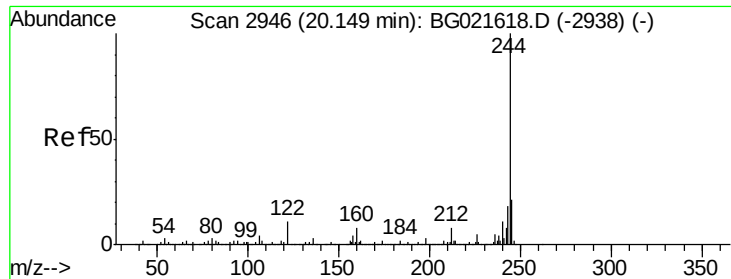
Tgt Ion:188 Resp: 187336
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.6 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021701.D
Acq: 16 Apr 2016 1:13

Tgt Ion:240 Resp: 218166
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.2 19.6 29.4





#78

Terphenyl-d14

Concen: 95.33 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

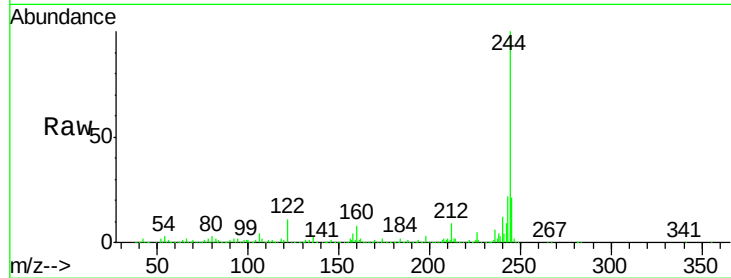
Tgt Ion:244 Resp: 833491

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

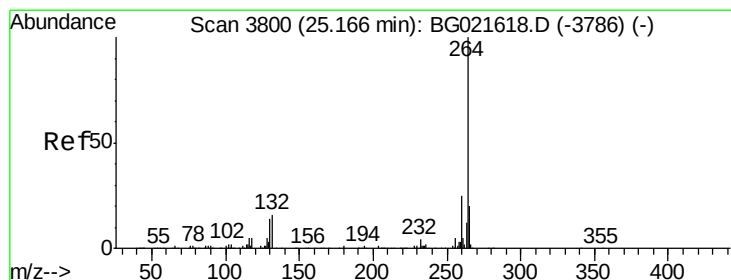
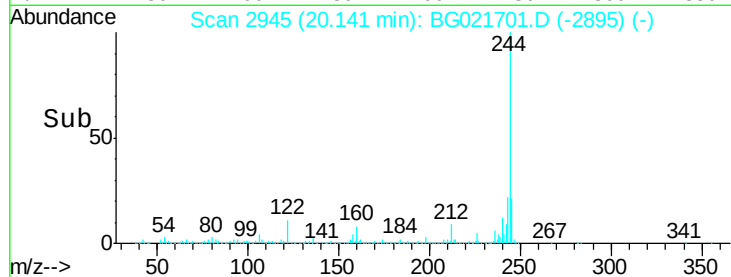
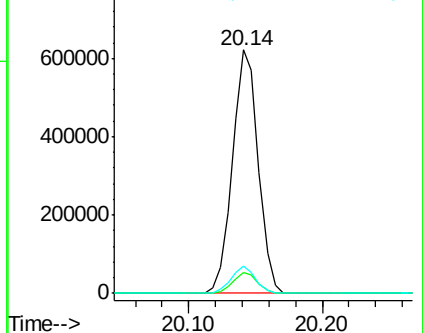
122 11.0 8.6 12.8



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: 25.16 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BG021701.D

Acq: 16 Apr 2016 1:13

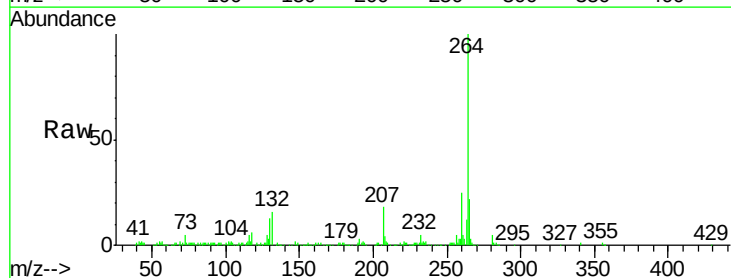
Tgt Ion:264 Resp: 217486

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.4

265 22.1 17.8 26.8



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

