

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025420.D
 Acq On : 30 Dec 2016 19:17
 Operator : UM/SJ
 Sample : H6314-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-01

Quant Time: Dec 30 22:11:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

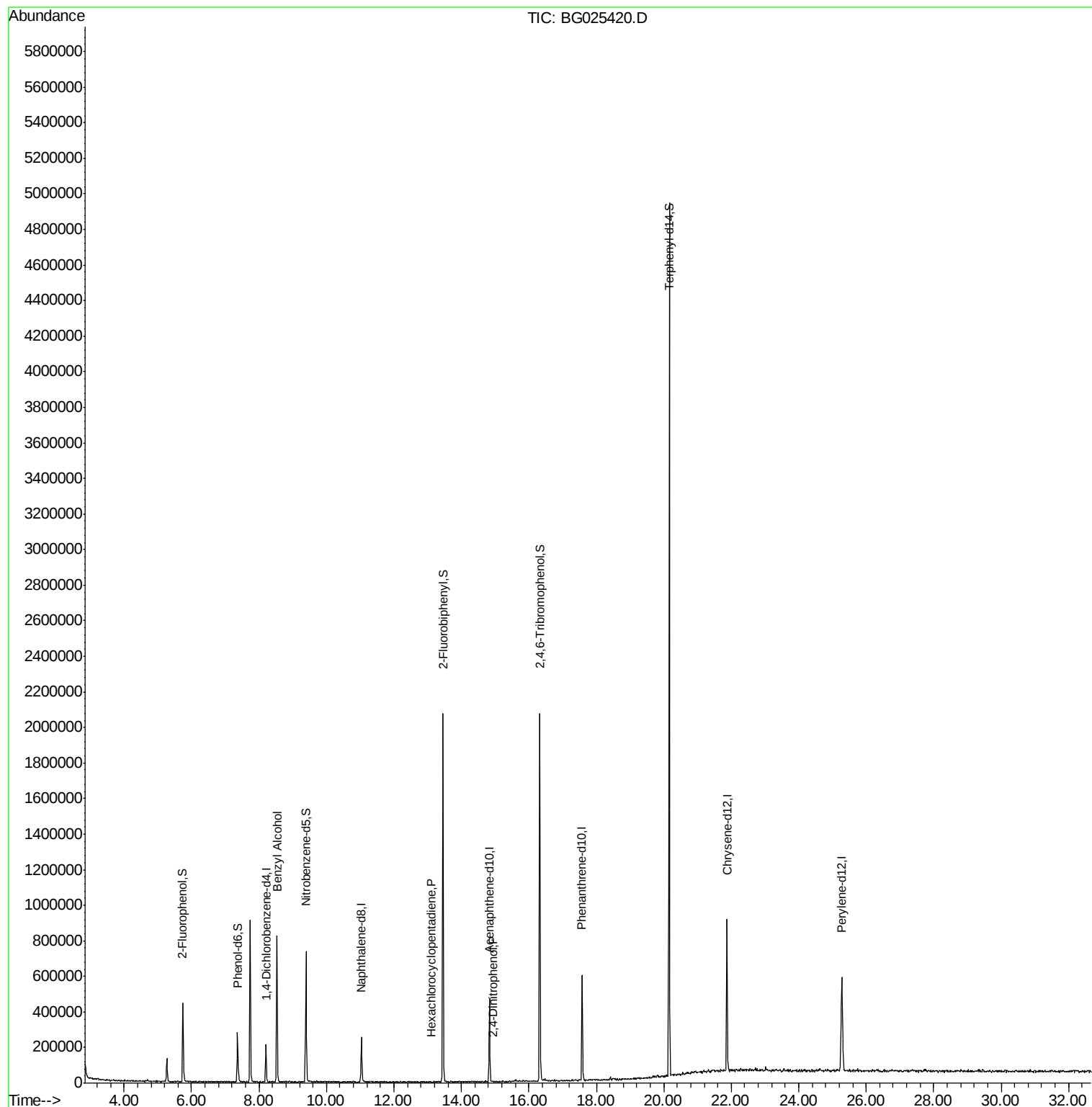
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	52325	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	211974	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	167907	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	389520	20.00	ng	0.00
75) Chrysene-d12	21.87	240	597232	20.00	ng	0.00
86) Perylene-d12	25.28	264	639264	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	179165	62.24	ng	0.00
7) Phenol-d6	7.37	99	152417	37.59	ng	0.00
23) Nitrobenzene-d5	9.39	82	470785	98.11	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	417139	154.31	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1052138	101.45	ng	0.00
78) Terphenyl-d14	20.16	244	2071578	91.97	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	8473	2.19	ng	# 39
40) Hexachlorocyclopentadiene	13.12	237	70	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.94	184	158	5.16	ng	# 15

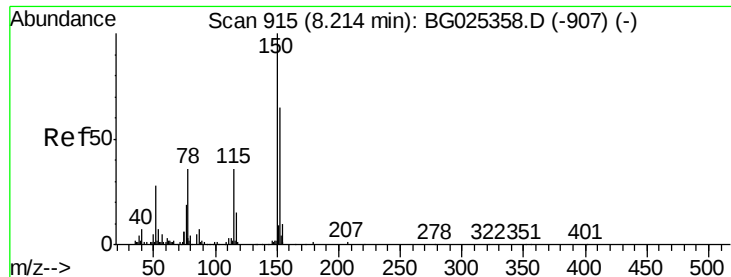
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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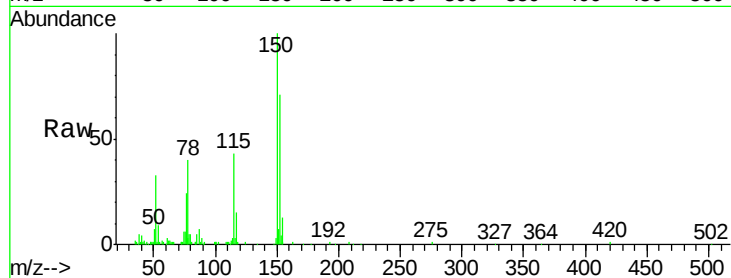


#1

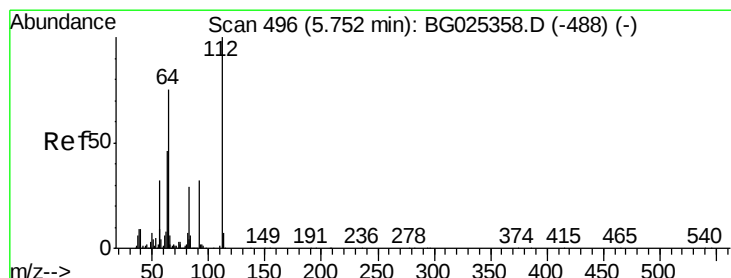
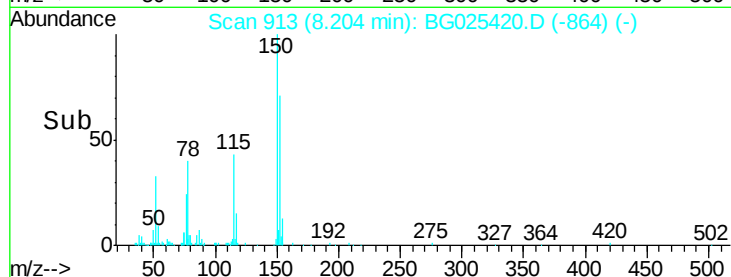
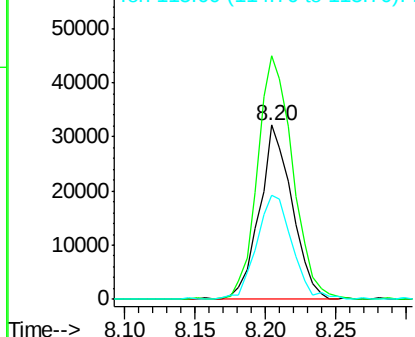
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

Instrument :
BNA_G
ClientSampleId :
GMW-01

Tgt Ion:152 Resp: 52325
Ion Ratio Lower Upper
152 100
150 139.9 114.0 171.0
115 59.8 48.1 72.1



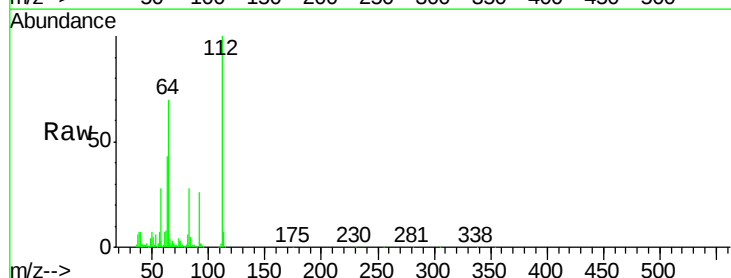
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



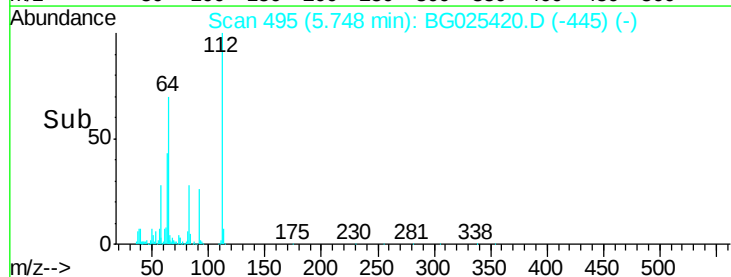
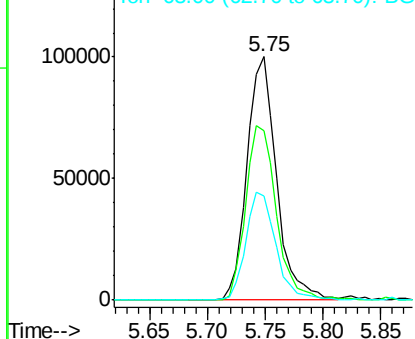
#5

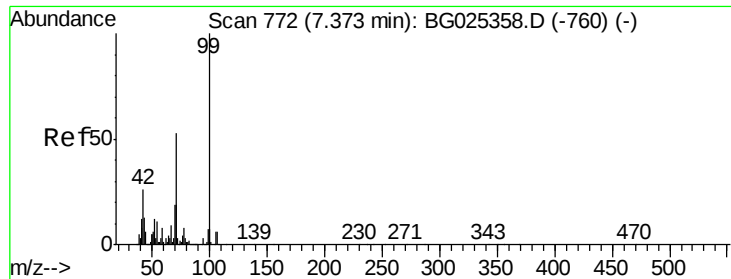
2-Fluorophenol
Concen: 62.24 ng
RT: 5.75 min Scan# 495
Delta R.T. -0.00 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

Tgt Ion:112 Resp: 179165
Ion Ratio Lower Upper
112 100
64 69.7 61.8 92.6
63 42.5 37.2 55.8



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: 37.59 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG025420.D

Acq: 30 Dec 2016 19:17

Instrument :

BNA_G

ClientSampleId :

GMW-01

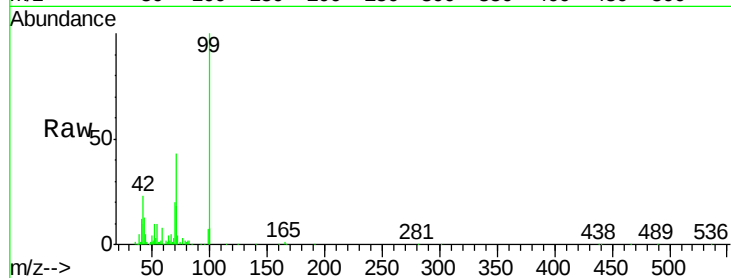
Tgt Ion: 99 Resp: 152417

Ion Ratio Lower Upper

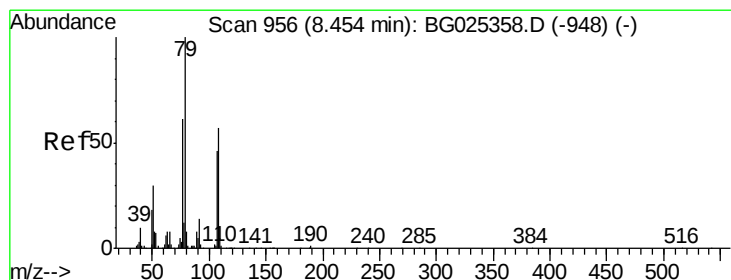
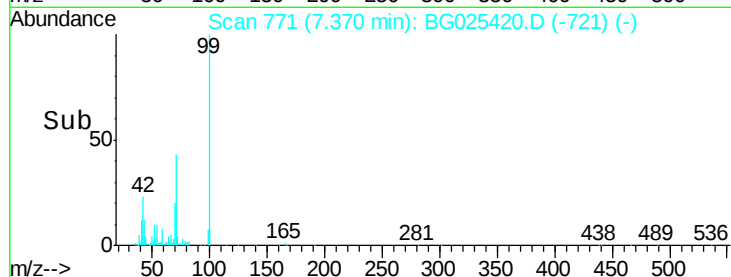
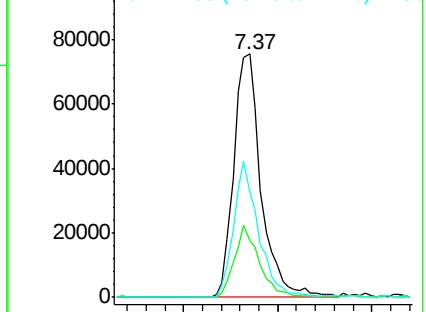
99 100

42 23.5 20.5 30.7

71 43.2 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 8.53 min Scan# 969

Delta R.T. 0.08 min

Lab File: BG025420.D

Acq: 30 Dec 2016 19:17

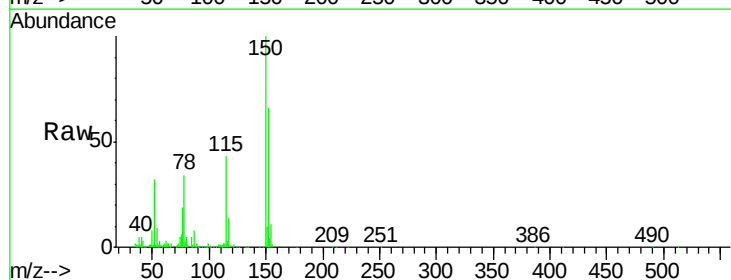
Tgt Ion: 79 Resp: 8473

Ion Ratio Lower Upper

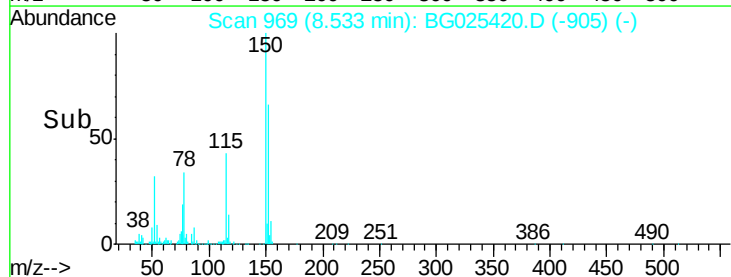
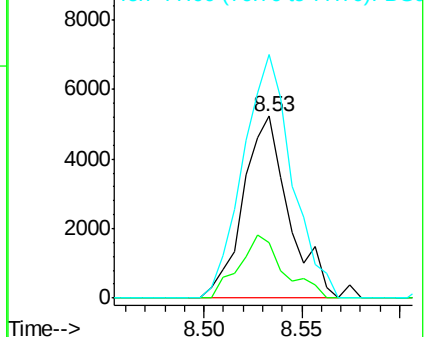
79 100

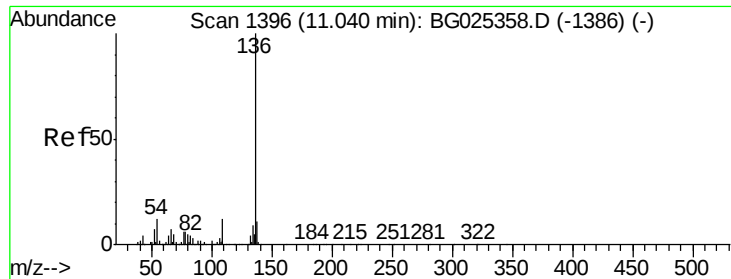
108 30.6 45.5 68.3#

77 133.7 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

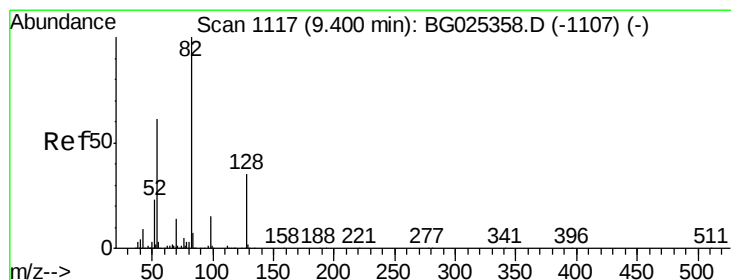
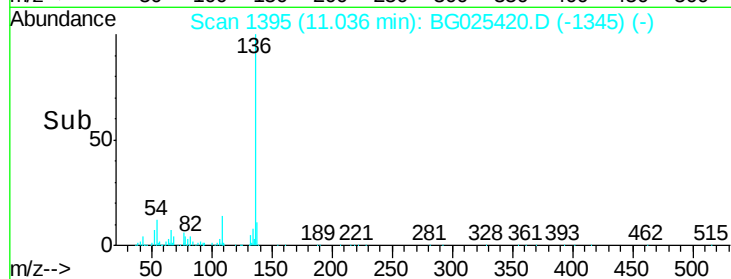
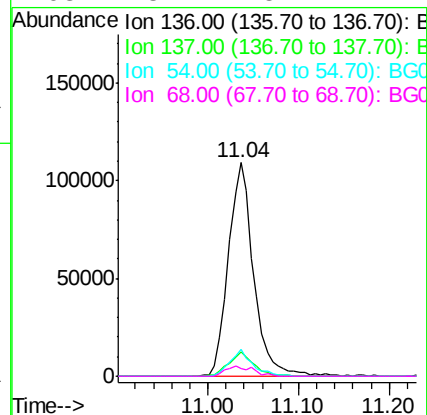
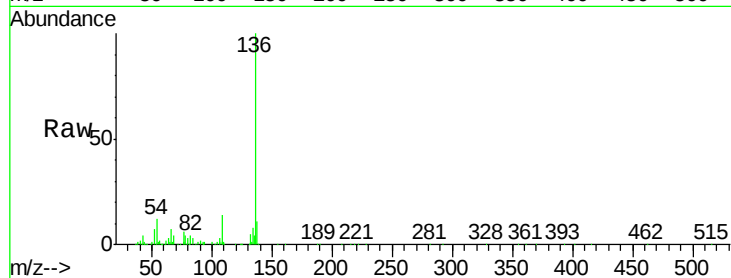




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

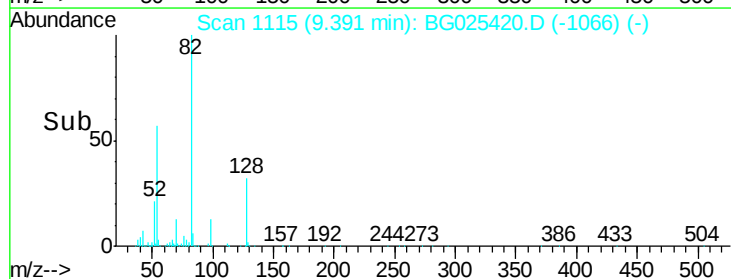
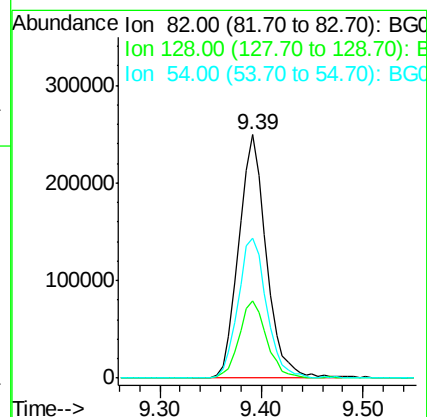
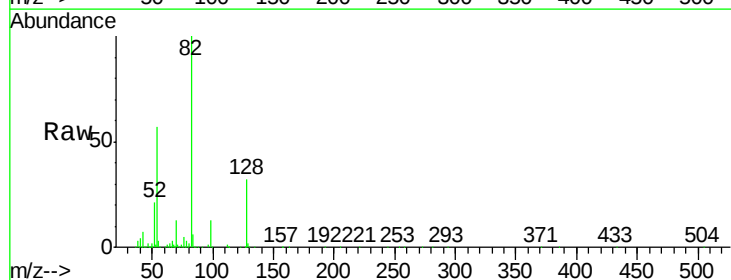
Instrument :
BNA_G
ClientSampleId :
GMW-01

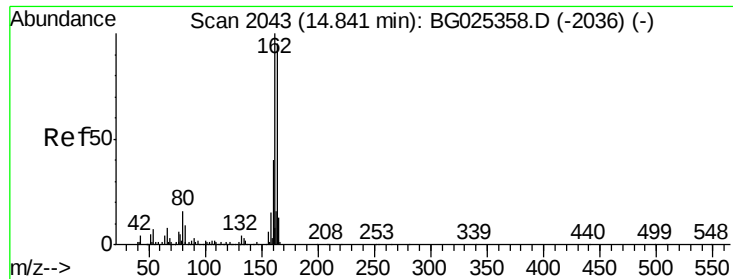
Tgt Ion:	136	Resp:	211974
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	12.4	9.3	13.9
68	3.7	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 98.11 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

Tgt Ion:	82	Resp:	470785
Ion	Ratio	Lower	Upper
82	100		
128	31.9	26.4	39.6
54	57.3	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG025420.D

Acq: 30 Dec 2016 19:17

Instrument :

BNA_G

ClientSampleId :

GMW-01

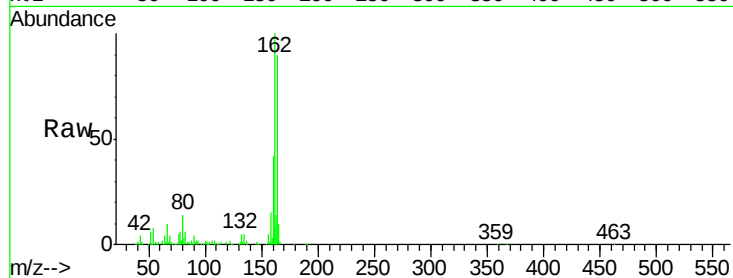
Tgt Ion:164 Resp: 167907

Ion Ratio Lower Upper

164 100

162 111.4 85.1 127.7

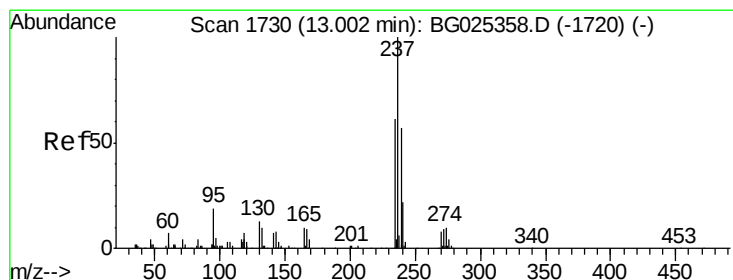
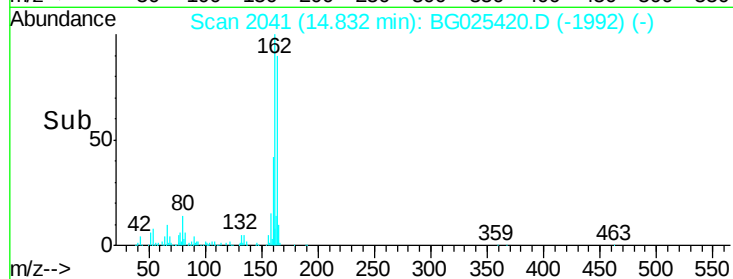
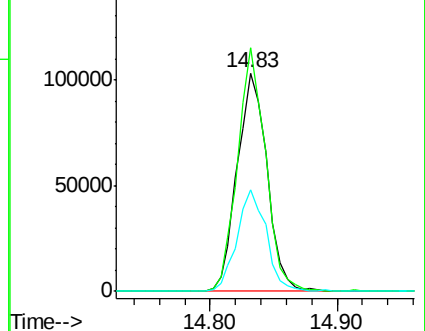
160 46.6 34.7 52.1



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: 8.54 ng

RT: 13.12 min Scan# 1749

Delta R.T. 0.11 min

Lab File: BG025420.D

Acq: 30 Dec 2016 19:17

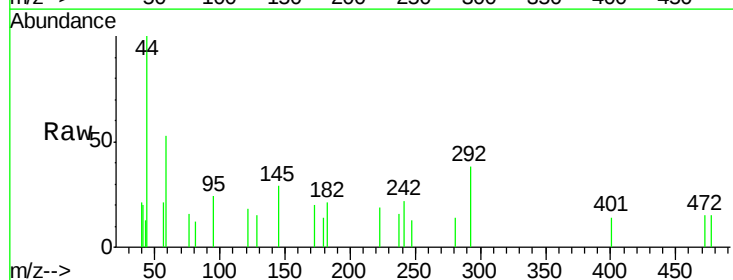
Tgt Ion:237 Resp: 70

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

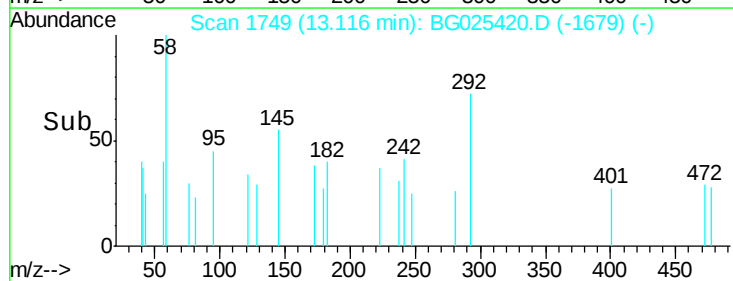
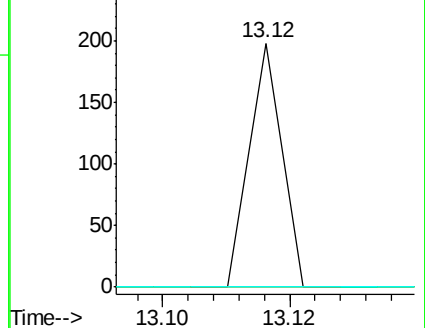
272 0.0 0.0 32.0

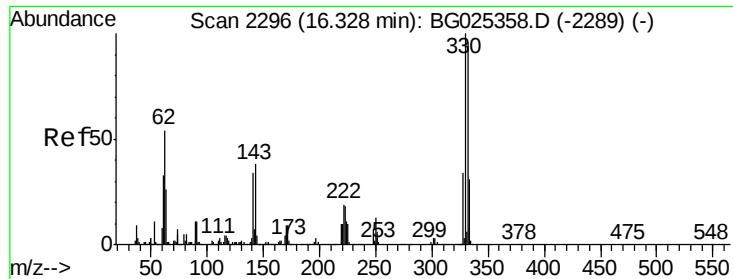


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

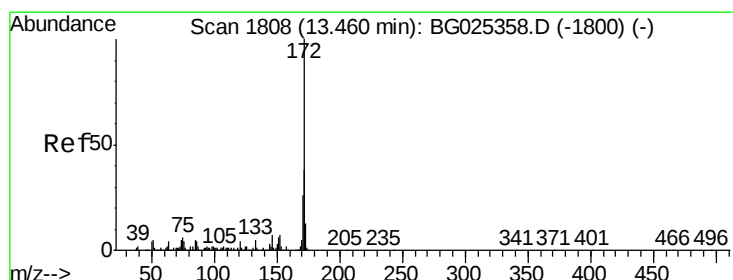
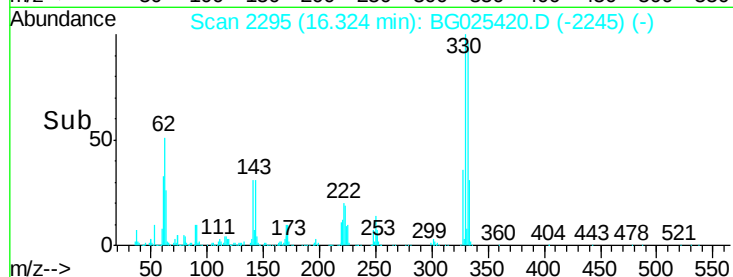
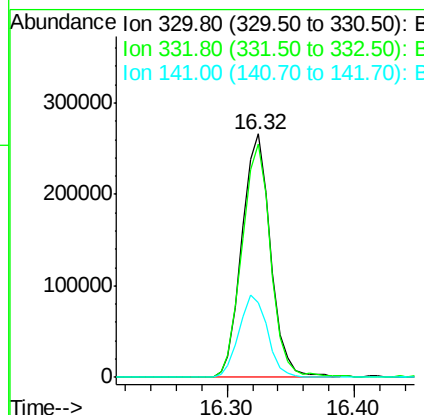
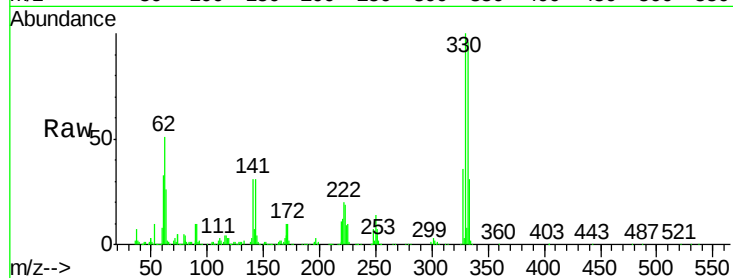




#41
 2,4,6-Tribromophenol
 Concen: 154.31 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG025420.D
 Acq: 30 Dec 2016 19:17

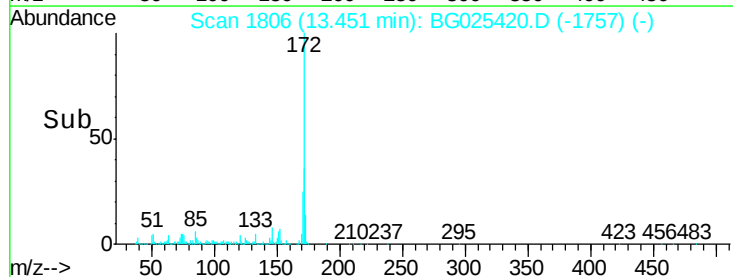
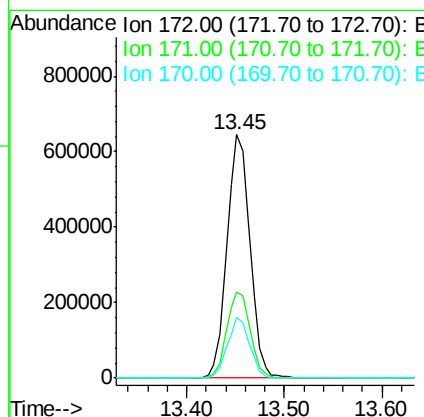
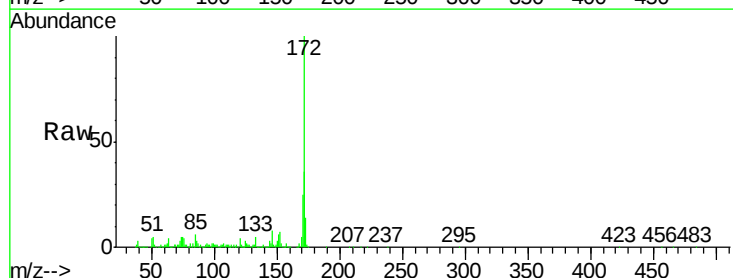
Instrument :
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 GMW-01

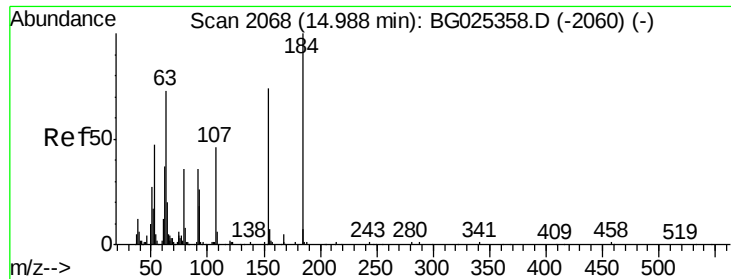
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 101.45 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025420.D
 Acq: 30 Dec 2016 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	32.2	48.2
170	24.9	21.8	32.6

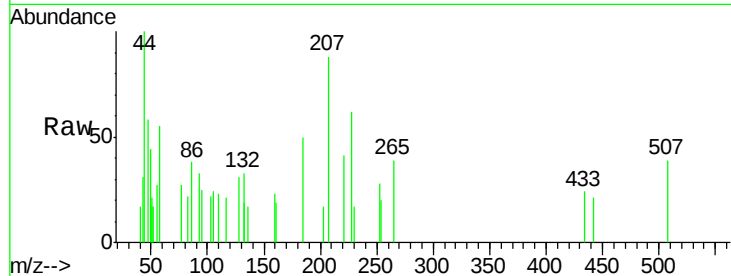




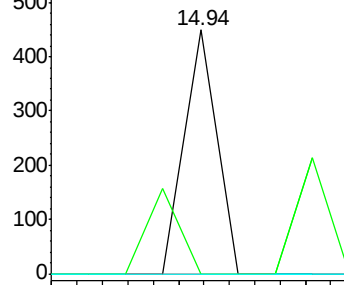
#53
 2,4-Dinitrophenol
 Concen: 5.16 ng
 RT: 14.94 min Scan# 2060
 Delta R.T. -0.04 min
 Lab File: BG025420.D
 Acq: 30 Dec 2016 19:17

Instrument :
 BNA_G
 ClientSampleId :
 GMW-01

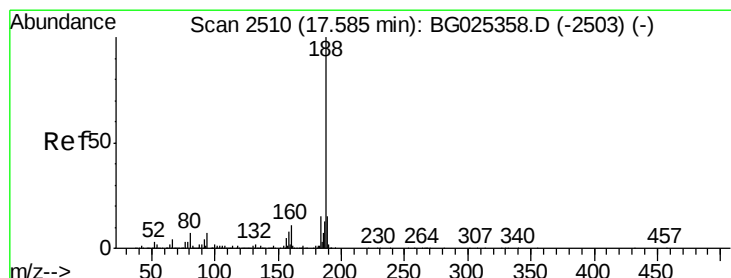
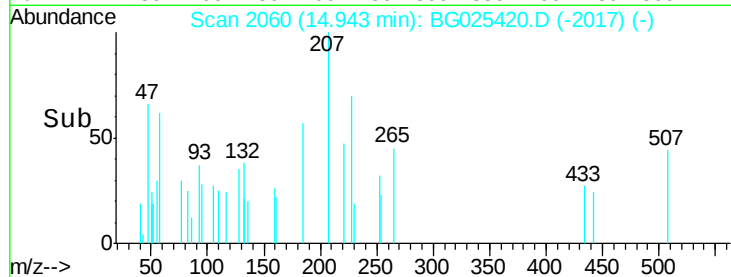
Tgt Ion:184 Resp: 158
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

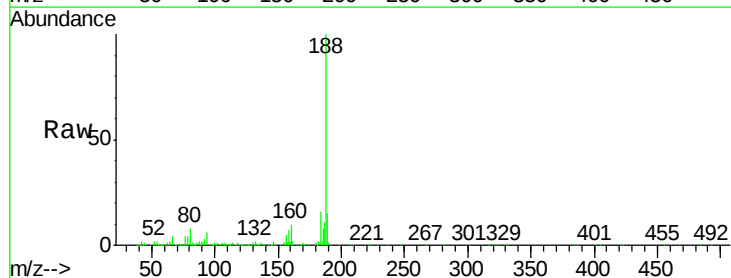


Time--> 14.92 14.94 14.96

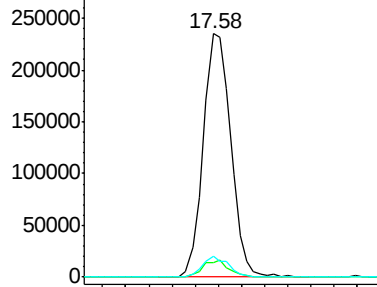


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.58 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG025420.D
 Acq: 30 Dec 2016 19:17

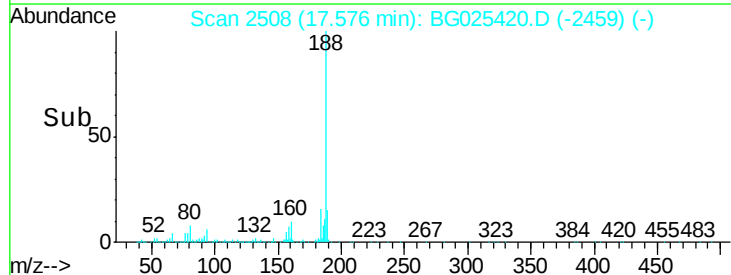
Tgt Ion:188 Resp: 389520
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.8 8.8
 80 8.5 7.5 11.3

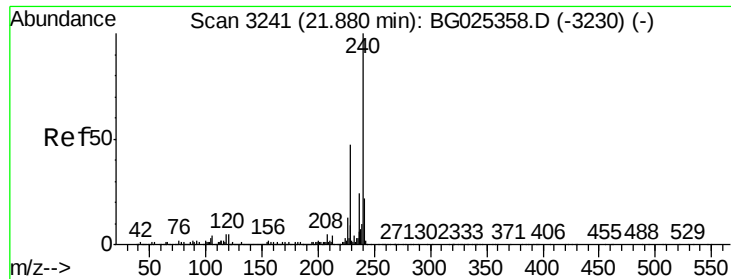


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.50 17.60 17.70

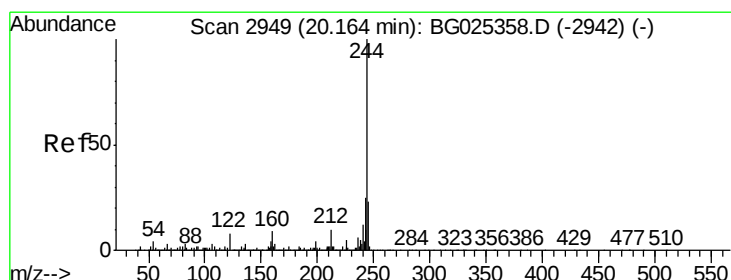
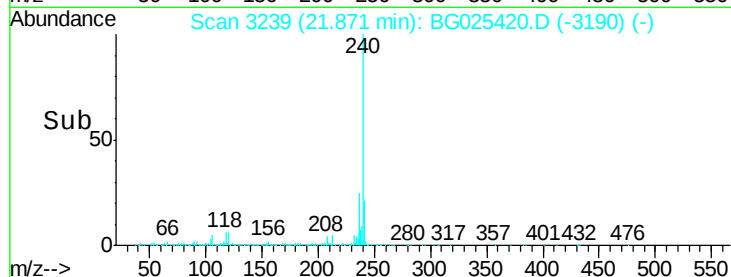
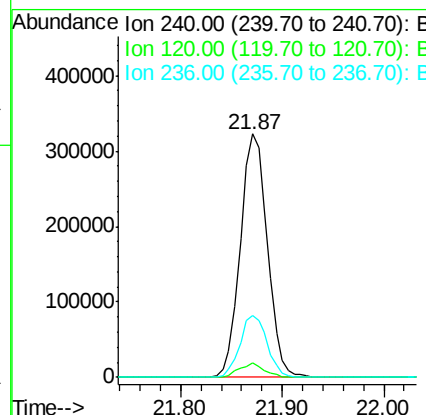
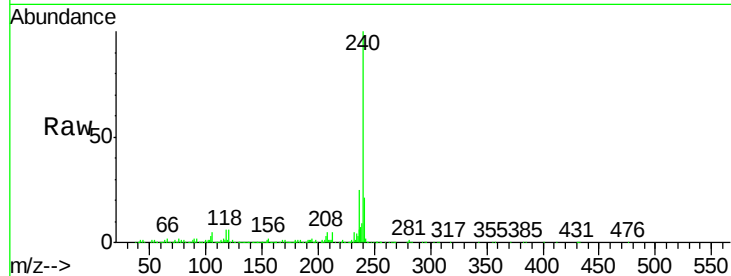




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

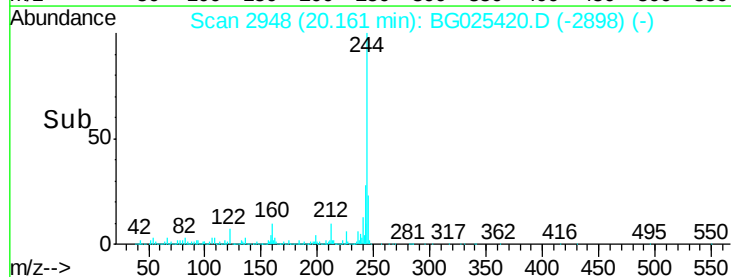
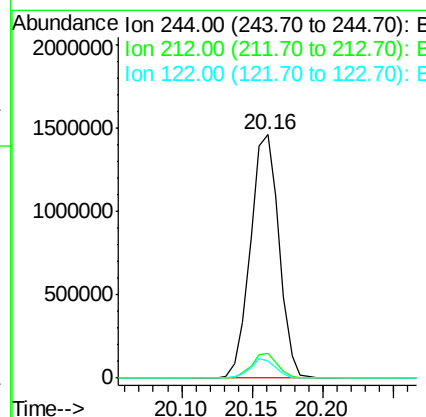
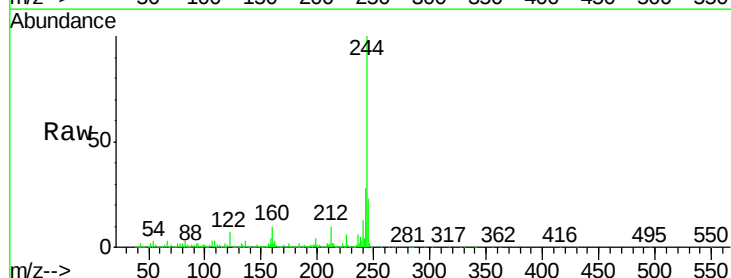
Instrument :
BNA_G
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GMW-01

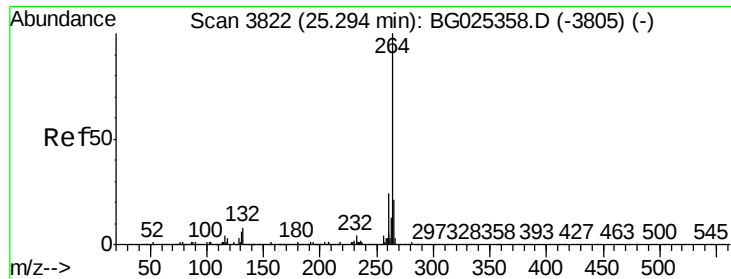
Tgt Ion:240 Resp: 597232
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5
236 25.4 22.2 33.4



#78
Terphenyl-d14
Concen: 91.97 ng
RT: 20.16 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BG025420.D
Acq: 30 Dec 2016 19:17

Tgt Ion:244 Resp: 2071578
Ion Ratio Lower Upper
244 100
212 10.1 10.0 15.0
122 7.2 8.6 12.8#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3819

Delta R.T. -0.02 min

Lab File: BG025420.D

Acq: 30 Dec 2016 19:17

Instrument :

BNA_G

ClientSampleId :

GMW-01

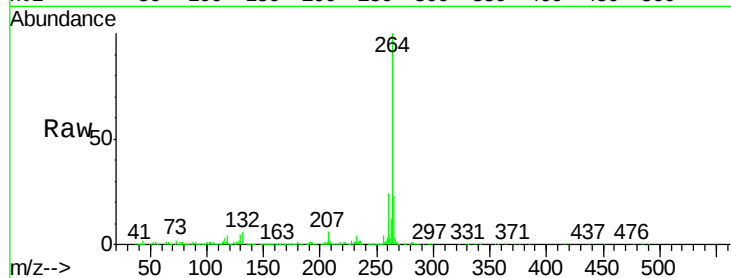
Tgt Ion: 264 Resp: 639264

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 22.7 18.2 27.4



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

