

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025419.D
 Acq On : 30 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H6314-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-04

Quant Time: Dec 30 22:11:28 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

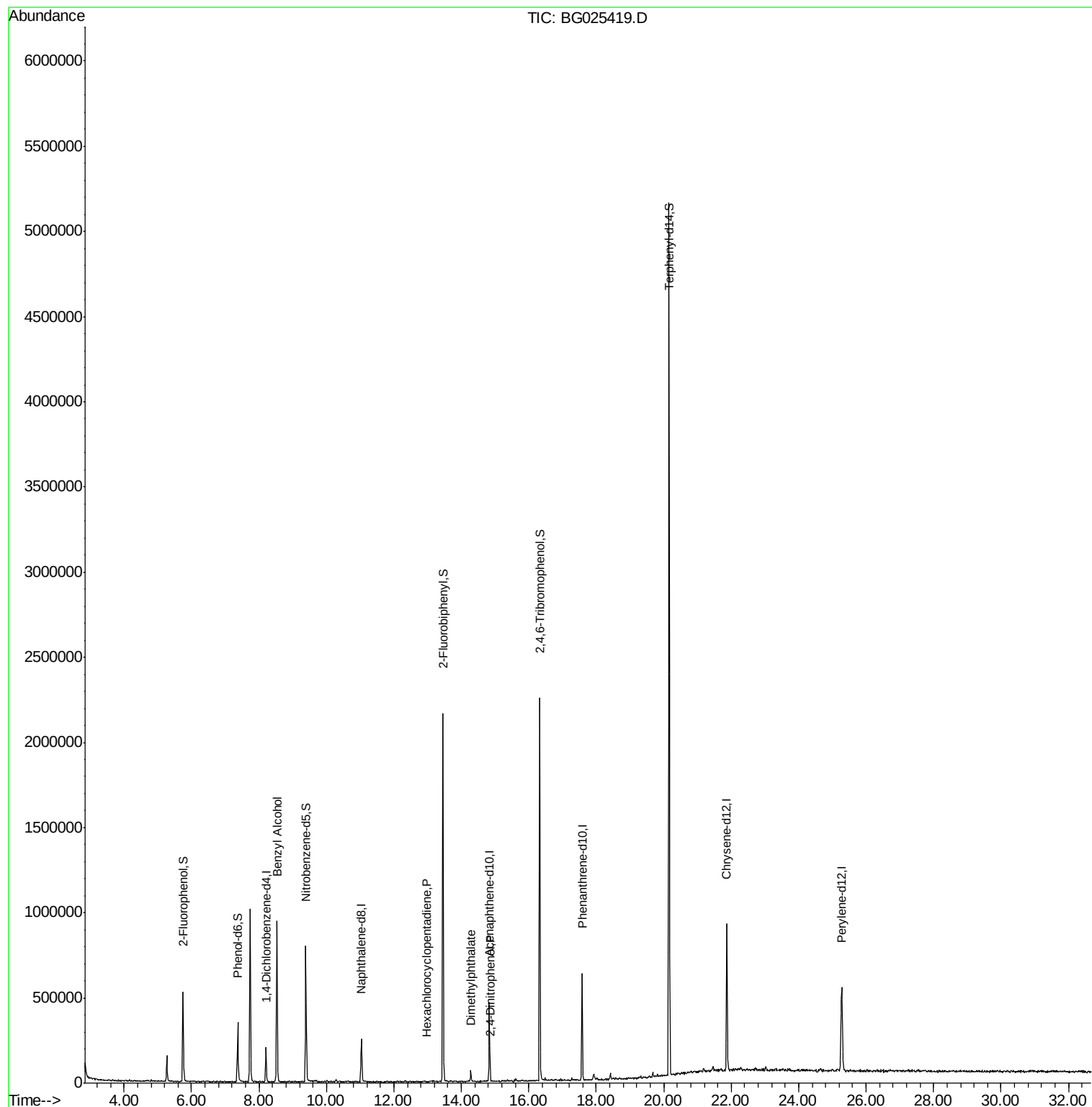
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	50048	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	219595	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	180713	20.00	ng	-0.01
63) Phenanthrene-d10	17.58	188	397937	20.00	ng	0.00
75) Chrysene-d12	21.87	240	581953	20.00	ng	-0.01
86) Perylene-d12	25.28	264	617453	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	214149	77.78	ng	0.00
7) Phenol-d6	7.37	99	193065	49.79	ng	0.00
23) Nitrobenzene-d5	9.39	82	514562	103.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	449385	154.46	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1133294	101.53	ng	0.00
78) Terphenyl-d14	20.16	244	2168505	98.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	8294	2.24	ng	# 65
40) Hexachlorocyclopentadiene	12.98	237	188	8.59	ng	# 29
49) Dimethylphthalate	14.28	163	43016	3.27	ng	99
53) 2,4-Dinitrophenol	14.88	184	60	5.11	ng	# 15

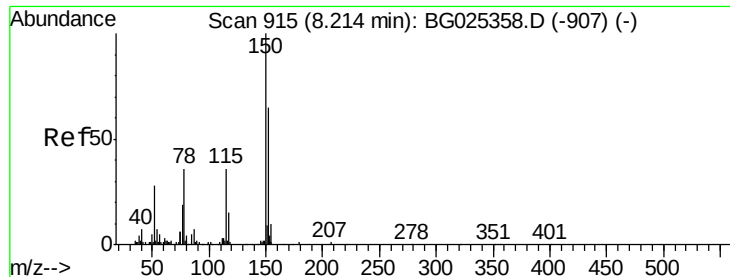
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 18:42:01 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampleId :

GMW-04

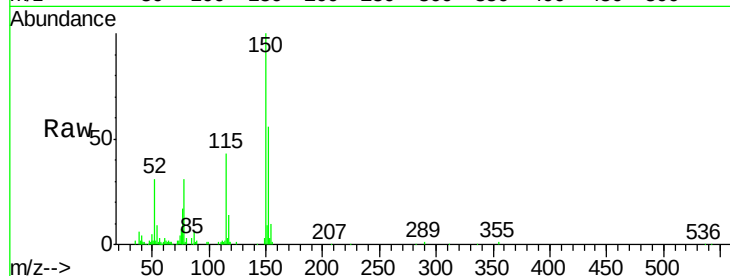
Tgt Ion:152 Resp: 50048

Ion Ratio Lower Upper

152 100

150 177.0 114.0 171.0#

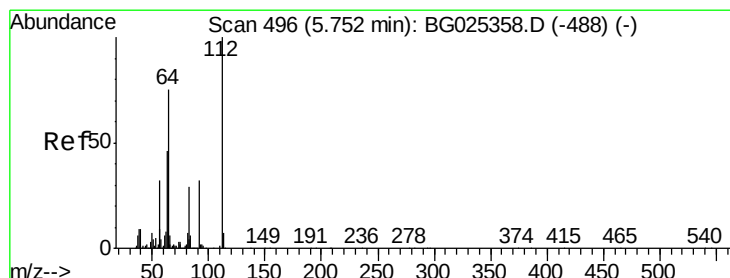
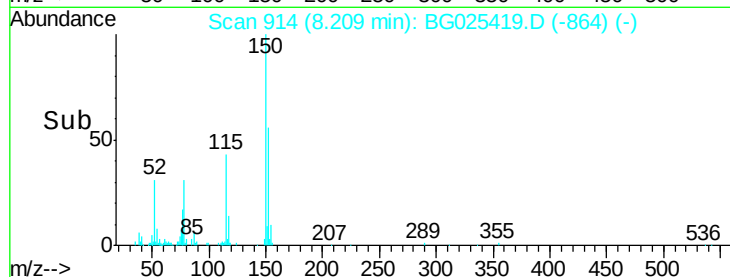
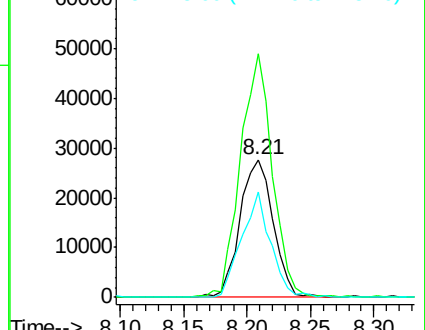
115 77.0 48.1 72.1#



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: 77.78 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

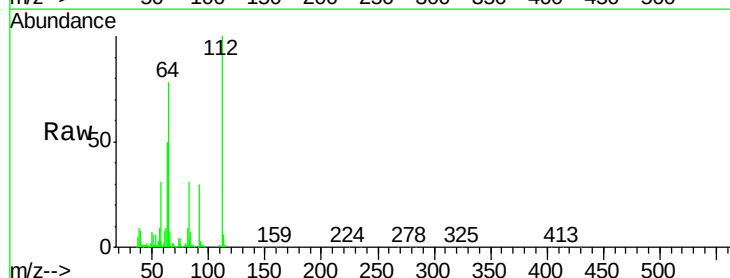
Tgt Ion:112 Resp: 214149

Ion Ratio Lower Upper

112 100

64 77.9 61.8 92.6

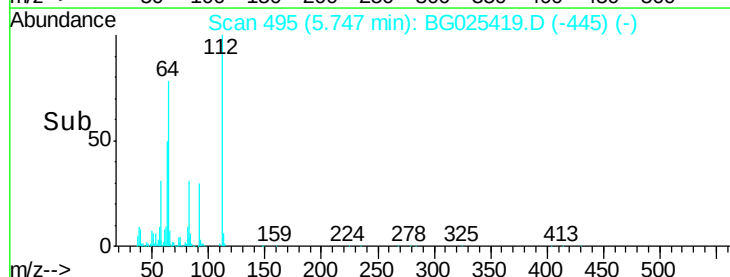
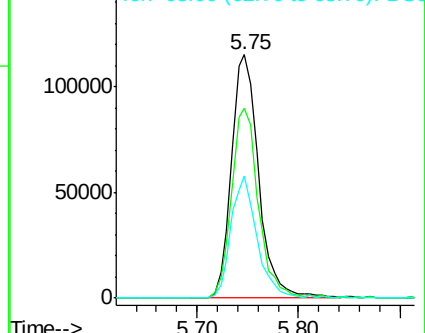
63 50.2 37.2 55.8

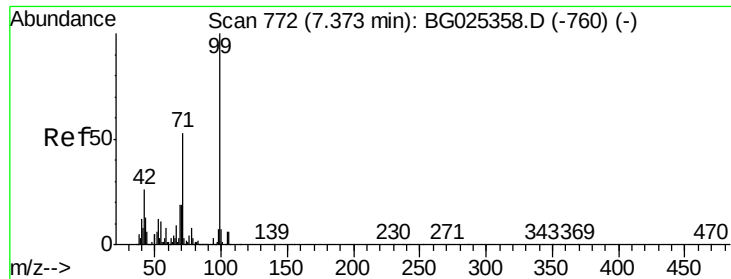


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.79 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampled :

GMW-04

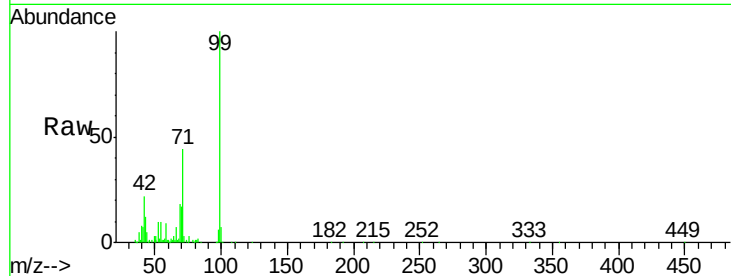
Tgt Ion: 99 Resp: 193065

Ion Ratio Lower Upper

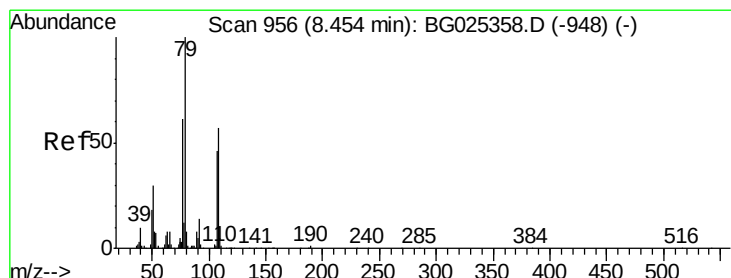
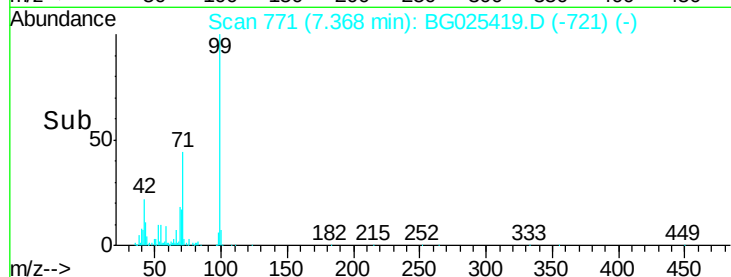
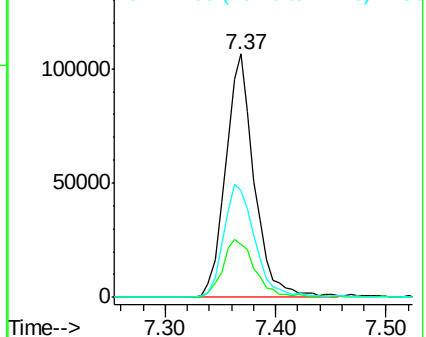
99 100

42 21.8 20.5 30.7

71 44.1 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: 2.24 ng

RT: 8.53 min Scan# 968

Delta R.T. 0.07 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

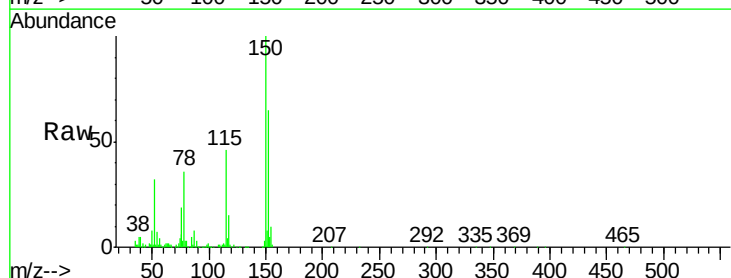
Tgt Ion: 79 Resp: 8294

Ion Ratio Lower Upper

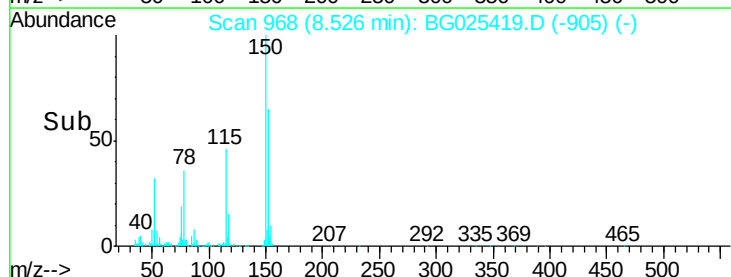
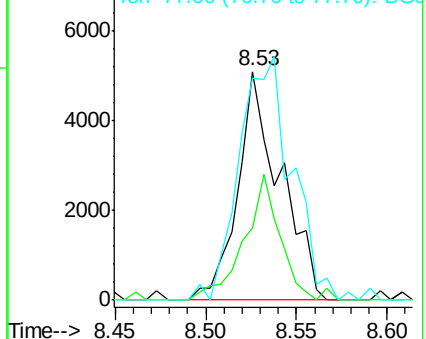
79 100

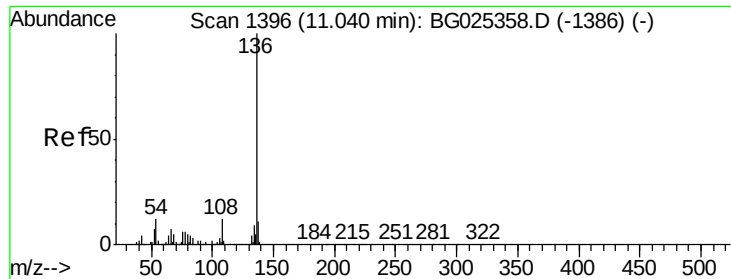
108 31.3 45.5 68.3#

77 96.8 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

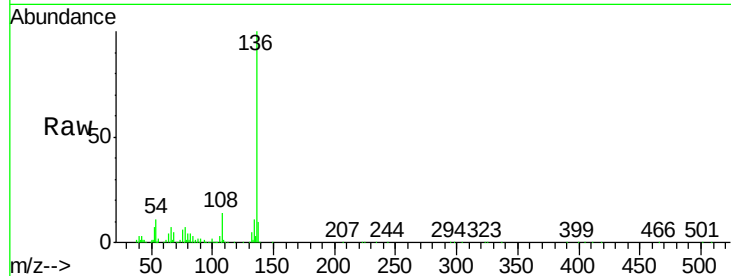




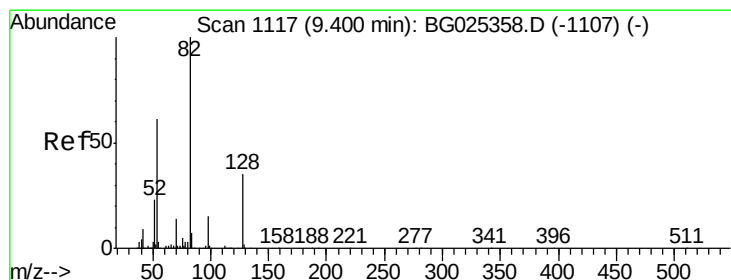
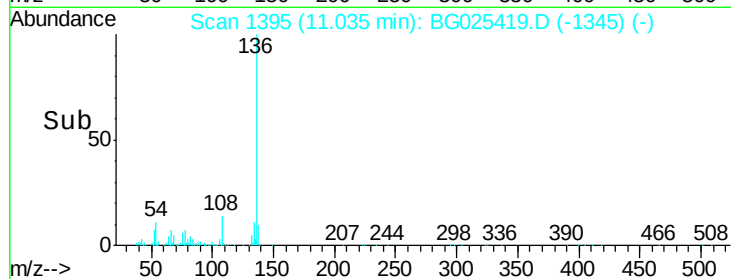
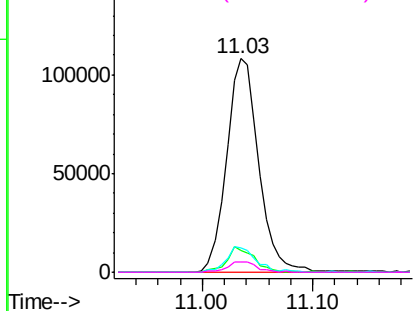
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025419.D
Acq: 30 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :
GMW-04

Tgt Ion:	136	Resp:	219595
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	11.3	9.3	13.9
68	4.7	5.1	7.7#

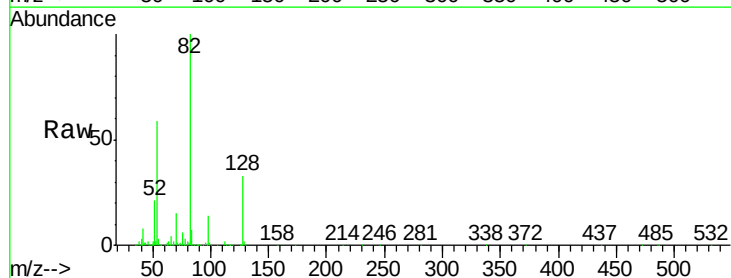


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

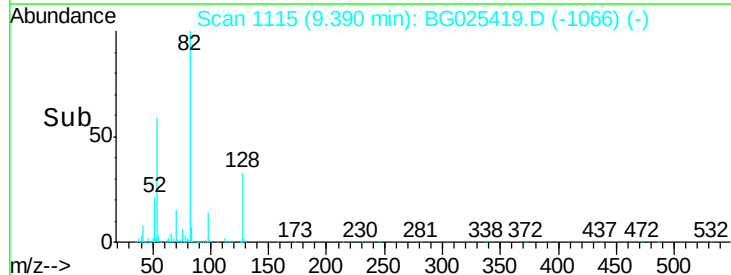
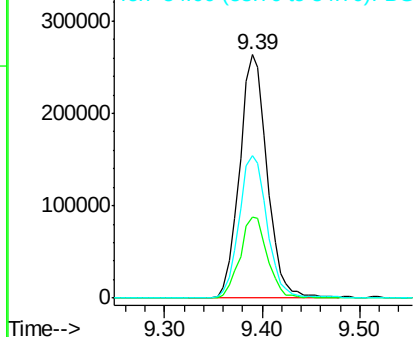


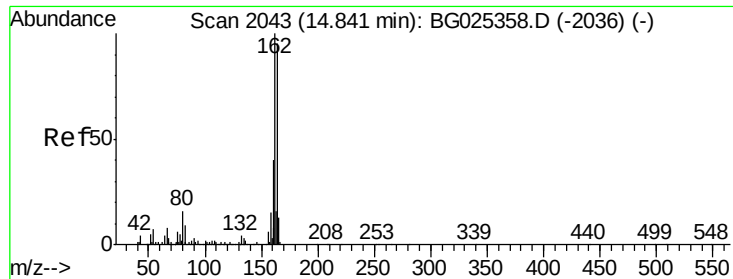
#23
Nitrobenzene-d5
Concen: 103.52 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025419.D
Acq: 30 Dec 2016 18:38

Tgt Ion:	82	Resp:	514562
Ion	Ratio	Lower	Upper
82	100		
128	33.5	26.4	39.6
54	58.6	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampled :

GMW-04

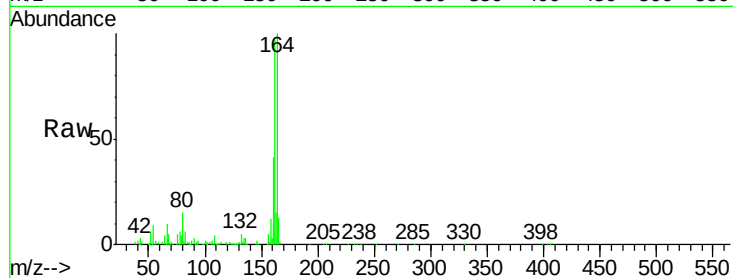
Tgt Ion:164 Resp: 180713

Ion Ratio Lower Upper

164 100

162 96.8 85.1 127.7

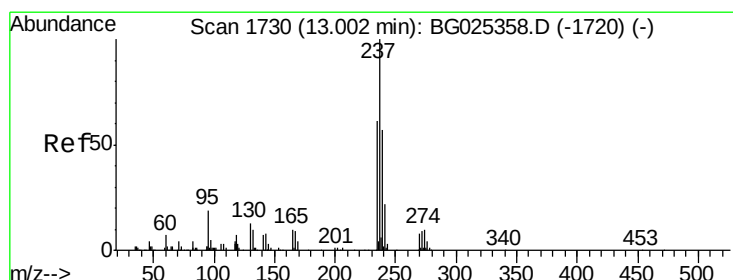
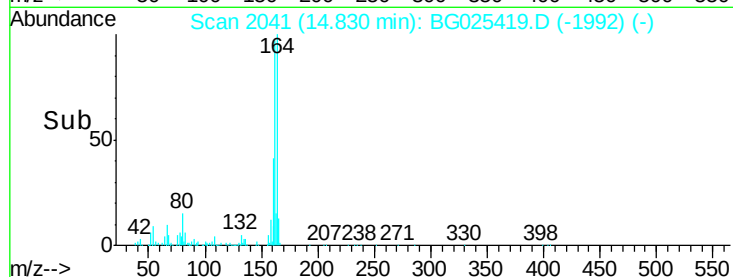
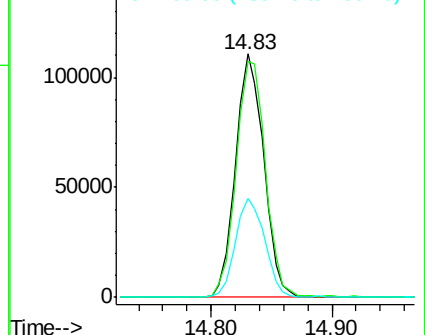
160 40.5 34.7 52.1



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: 8.59 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.02 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

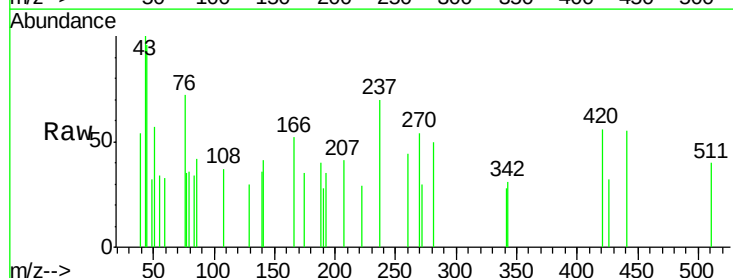
Tgt Ion:237 Resp: 188

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

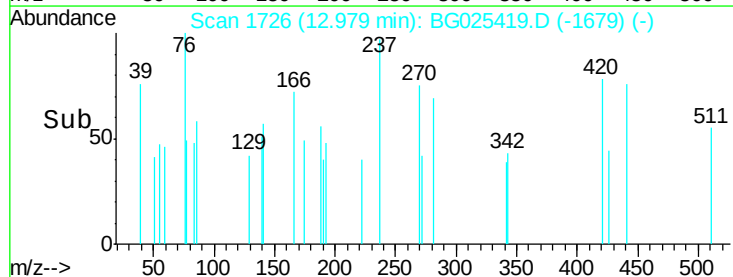
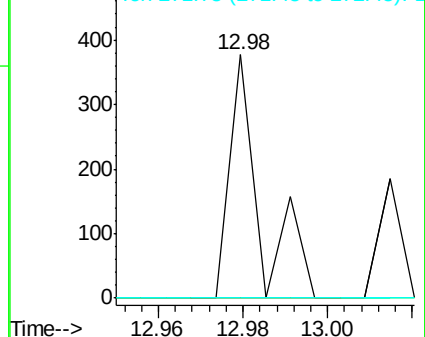
272 0.0 0.0 32.0

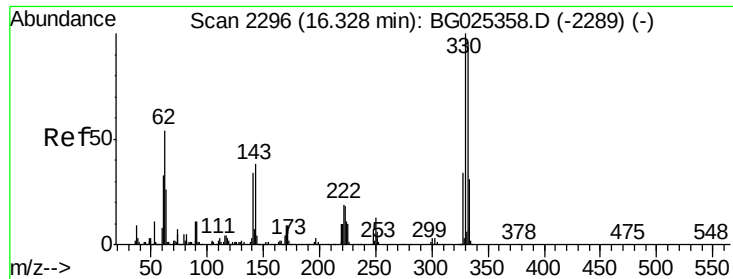


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 154.46 ng

RT: 16.32 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampleId :

GMW-04

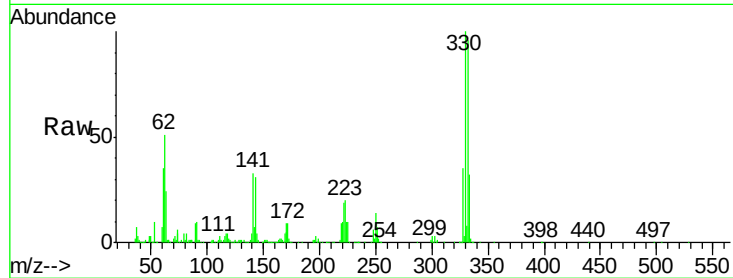
Tgt Ion:330 Resp: 449385

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

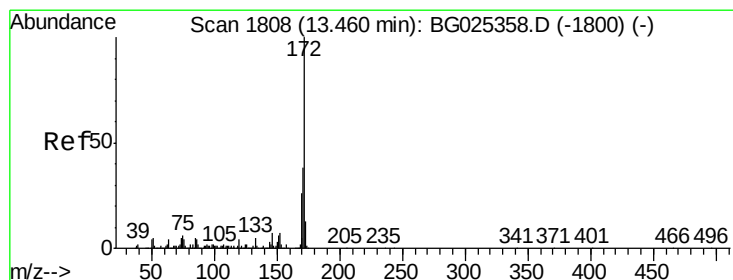
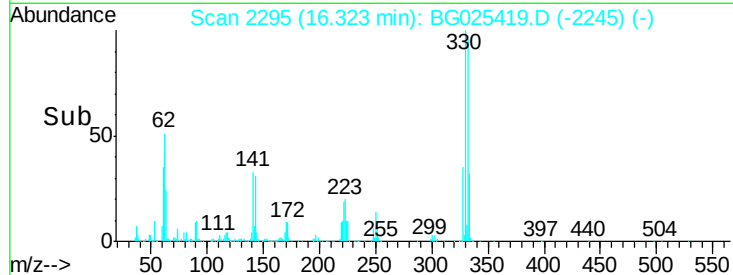
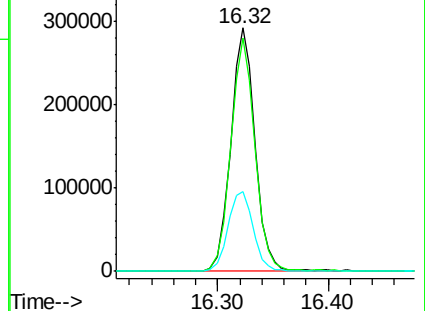
141 34.3 32.1 48.1



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: 101.53 ng

RT: 13.46 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

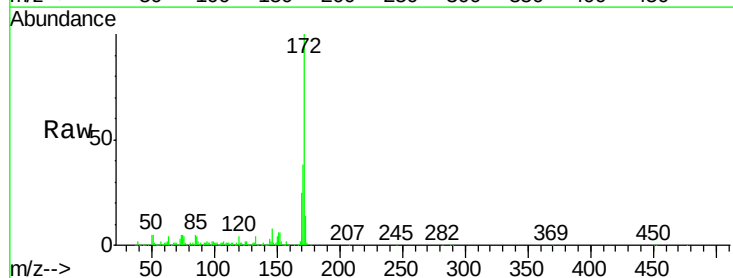
Tgt Ion:172 Resp: 1133294

Ion Ratio Lower Upper

172 100

171 38.0 32.2 48.2

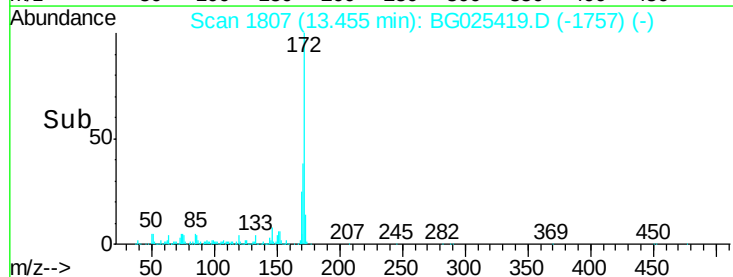
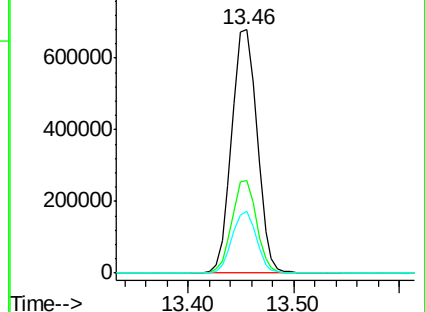
170 25.4 21.8 32.6

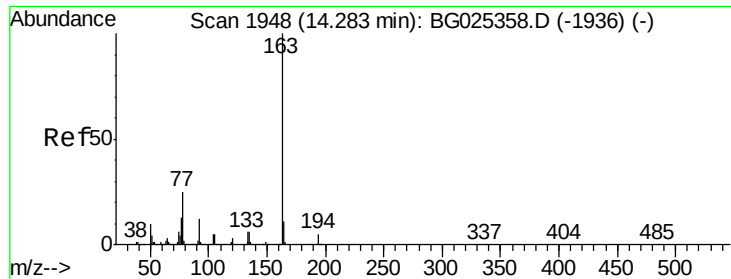


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.27 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampleId :

GMW-04

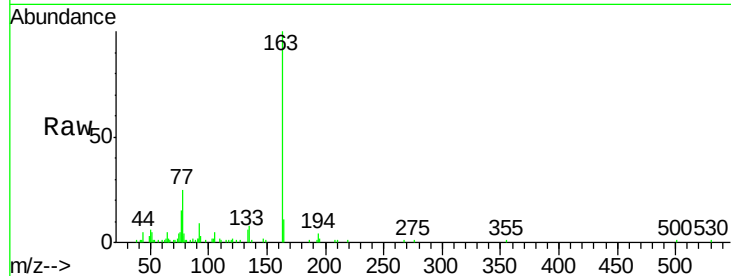
Tgt Ion:163 Resp: 43016

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

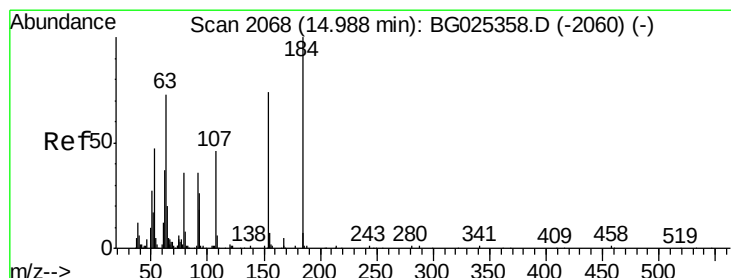
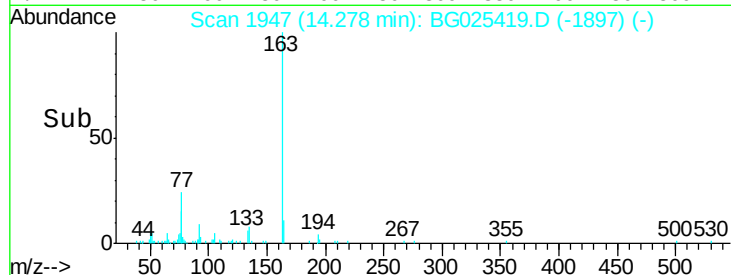
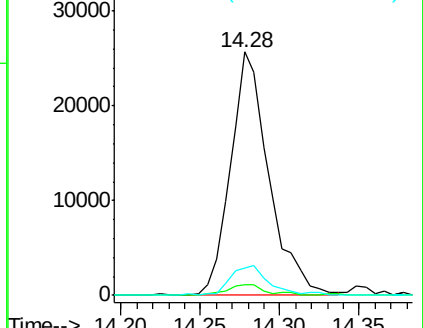
164 11.2 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 5.11 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.11 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

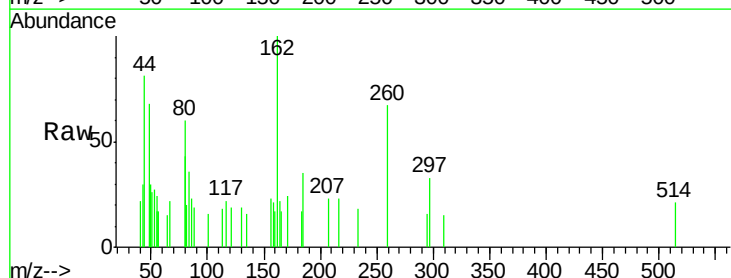
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

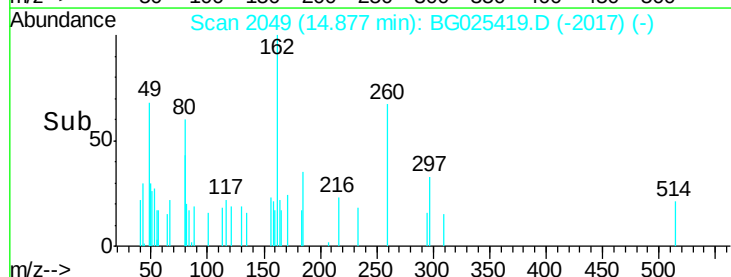
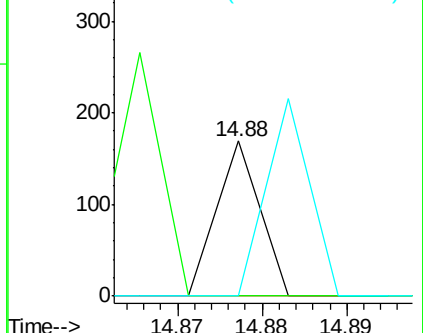
154 0.0 57.3 85.9#

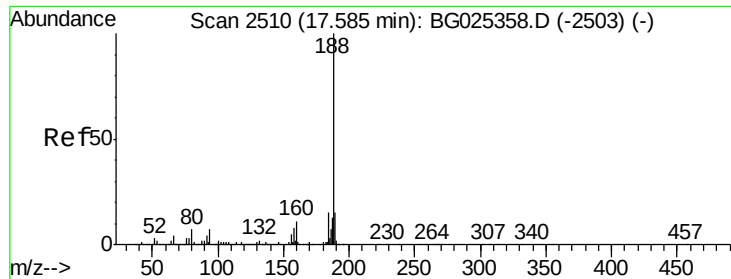


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampleId :

GMW-04

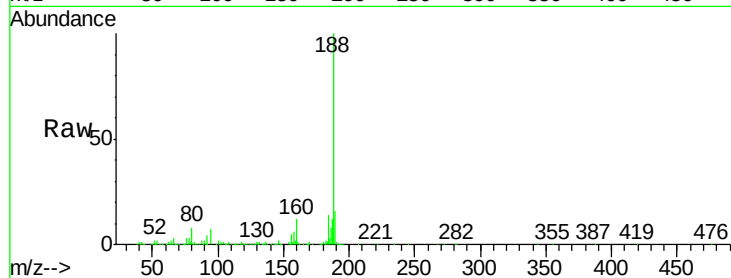
Tgt Ion:188 Resp: 397937

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

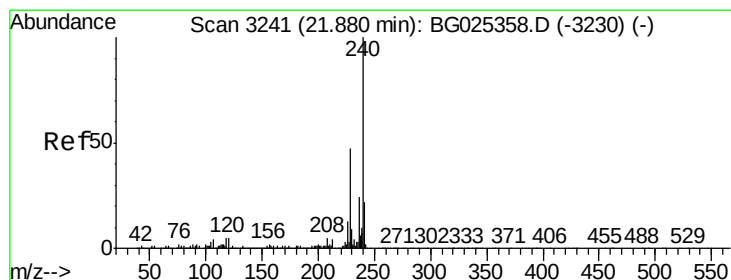
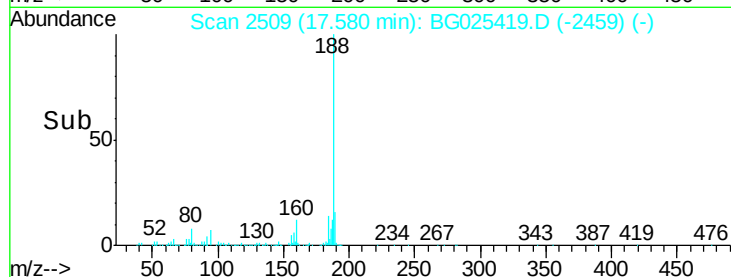
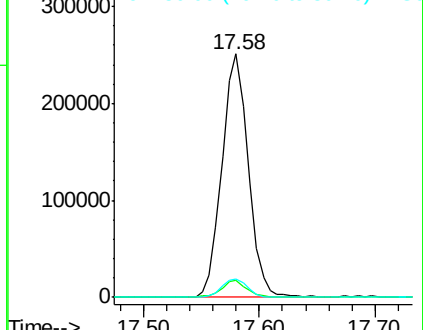
80 7.7 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

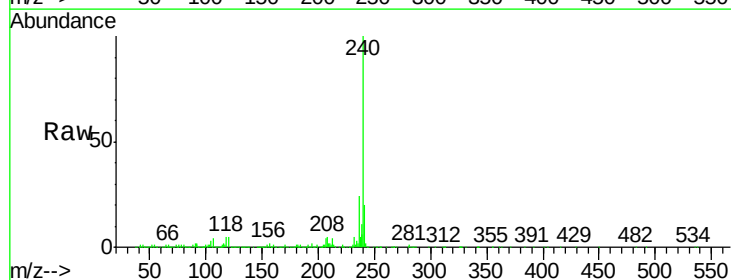
Tgt Ion:240 Resp: 581953

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

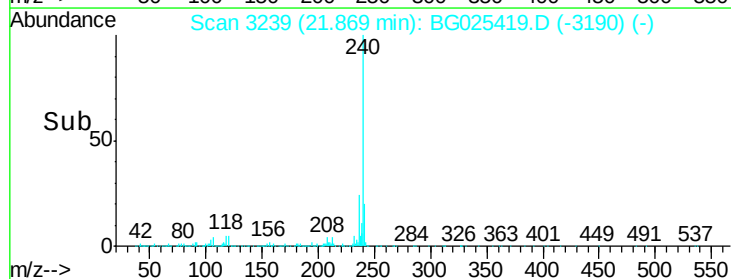
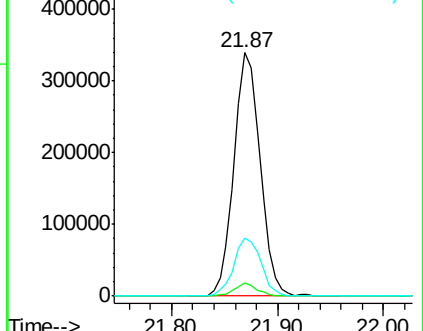
236 23.6 22.2 33.4

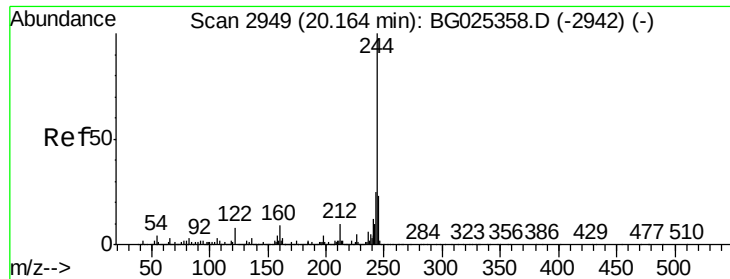


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.80 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampleId :

GMW-04

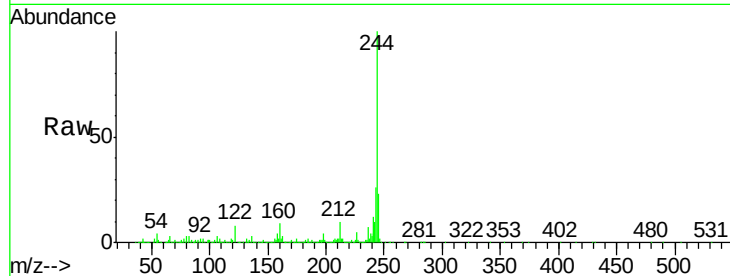
Tgt Ion:244 Resp: 2168505

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0

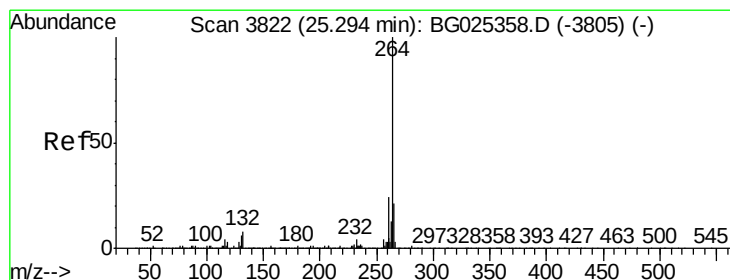
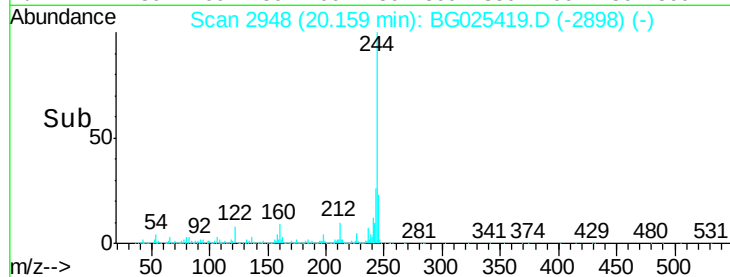
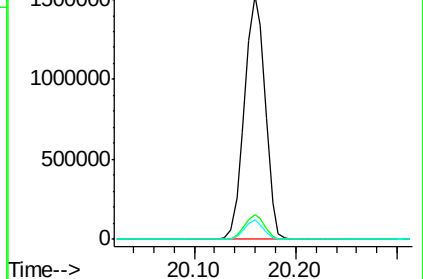
122 8.0 8.6 12.8#



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: 25.28 min Scan# 3819

Delta R.T. -0.02 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

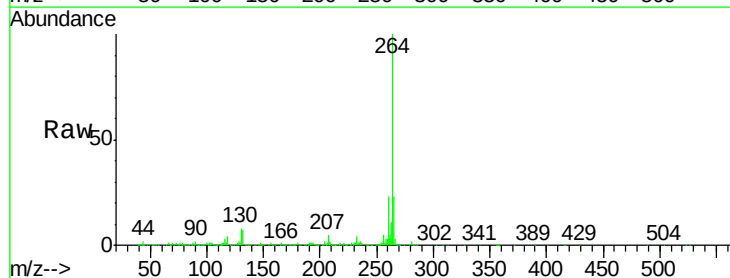
Tgt Ion:264 Resp: 617453

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 23.0 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

