

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122916\
 Data File : BG025405.D
 Acq On : 29 Dec 2016 15:32
 Operator : UM/SJ
 Sample : PB95674BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95674BL

Quant Time: Dec 30 00:00:45 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

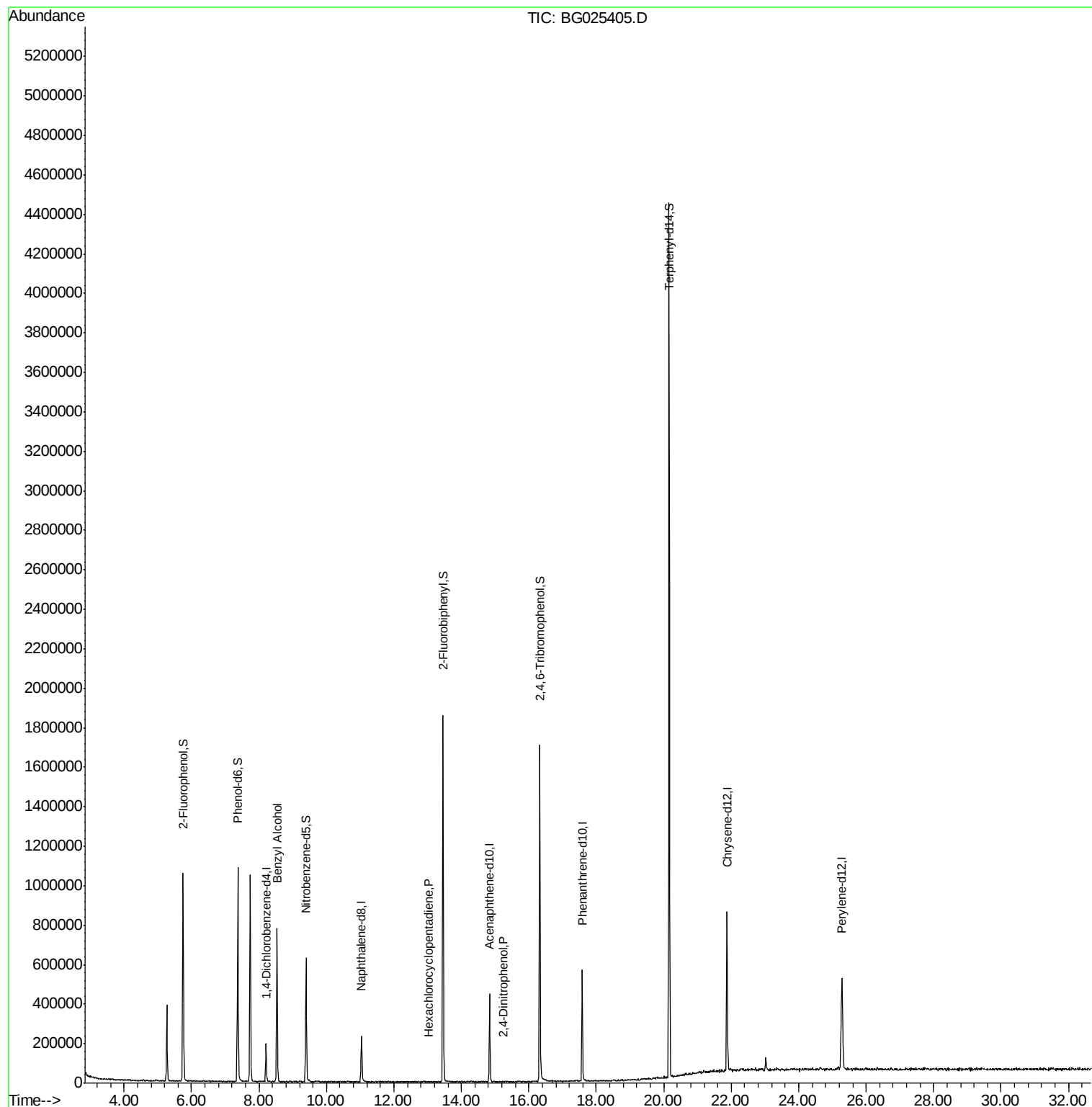
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	49494	20.00	ng	-0.01
21) Naphthalene-d8	11.04	136	204555	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	163531	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	387916	20.00	ng	0.00
75) Chrysene-d12	21.87	240	575871	20.00	ng	0.00
86) Perylene-d12	25.29	264	605226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	406273	149.20	ng	0.00
7) Phenol-d6	7.37	99	554554	144.61	ng	0.00
23) Nitrobenzene-d5	9.39	82	412460	89.08	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	362829	137.81	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	933582	92.43	ng	0.00
78) Terphenyl-d14	20.16	244	1864526	85.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	7802	2.13	ng	# 60
40) Hexachlorocyclopentadiene	13.01	237	170	8.59	ng	# 29
53) 2,4-Dinitrophenol	15.24	184	60	5.11	ng	# 15

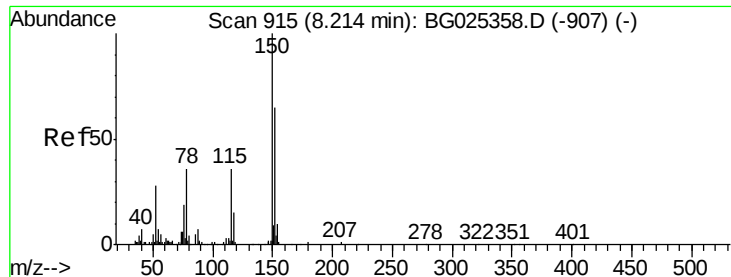
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025405.D

Acq: 29 Dec 2016 15:32

Instrument :

BNA_G

ClientSampleId :

PB95674BL

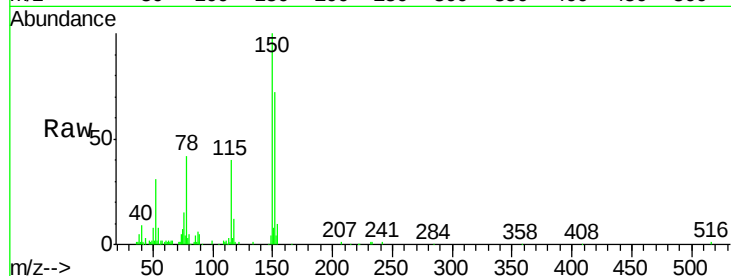
Tgt Ion:152 Resp: 49494

Ion Ratio Lower Upper

152 100

150 139.8 114.0 171.0

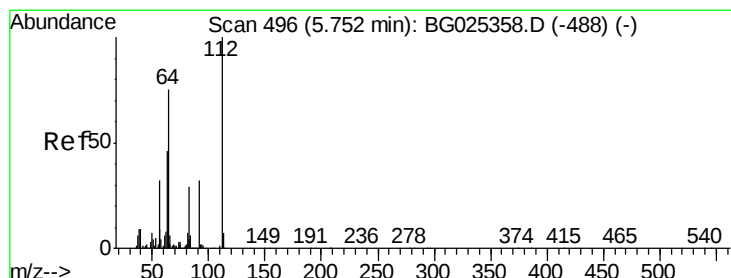
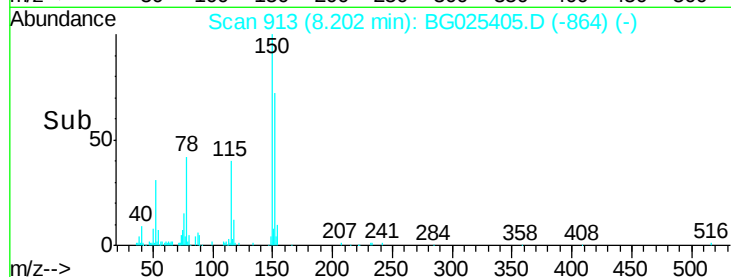
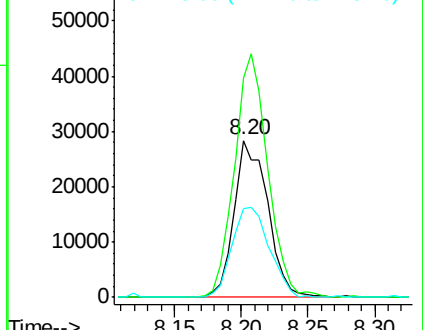
115 56.6 48.1 72.1



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: 149.20 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

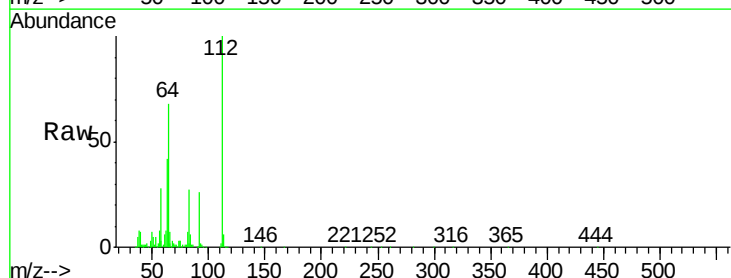
Tgt Ion:112 Resp: 406273

Ion Ratio Lower Upper

112 100

64 68.1 61.8 92.6

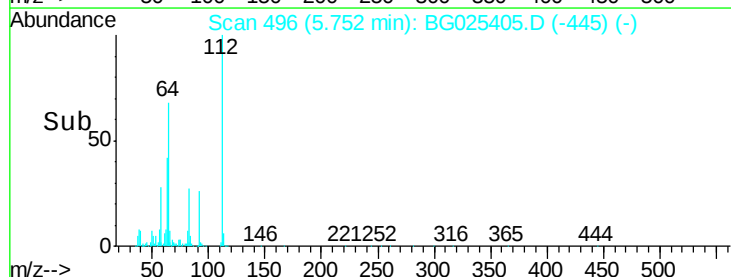
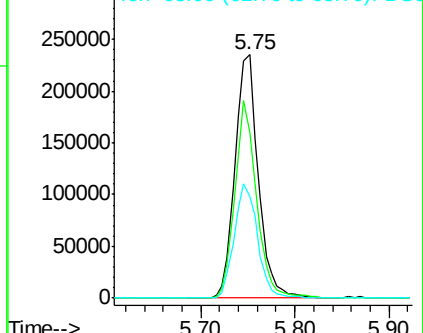
63 41.7 37.2 55.8

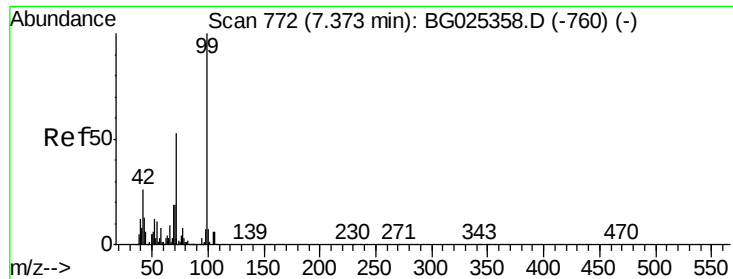


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.61 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

Instrument :

BNA_G

ClientSampleId :

PB95674BL

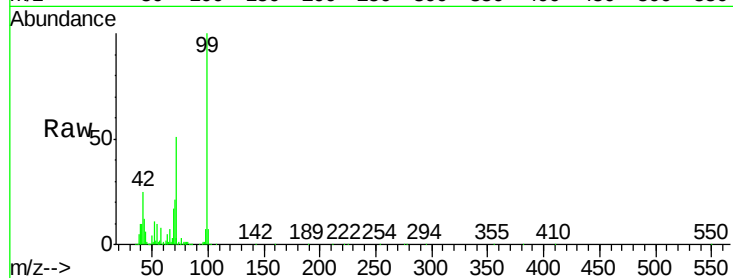
Tgt Ion: 99 Resp: 554554

Ion Ratio Lower Upper

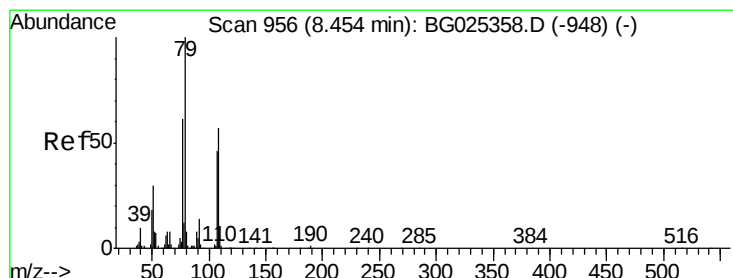
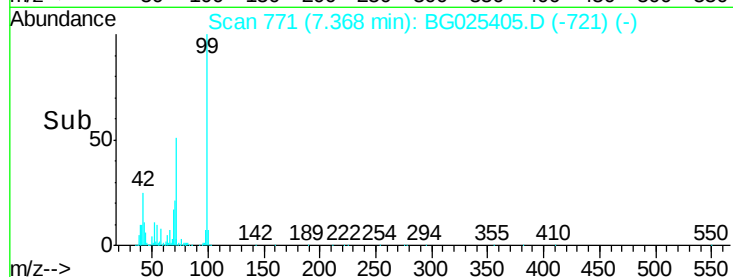
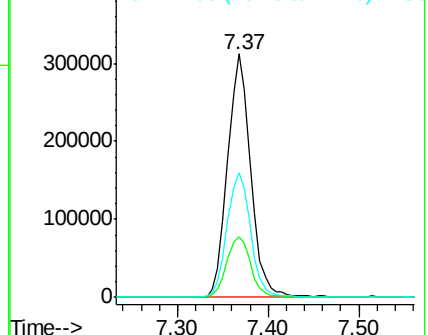
99 100

42 24.9 20.5 30.7

71 51.0 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: 2.13 ng

RT: 8.53 min Scan# 969

Delta R.T. 0.08 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

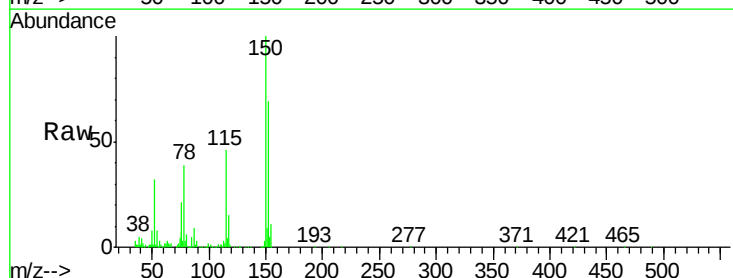
Tgt Ion: 79 Resp: 7802

Ion Ratio Lower Upper

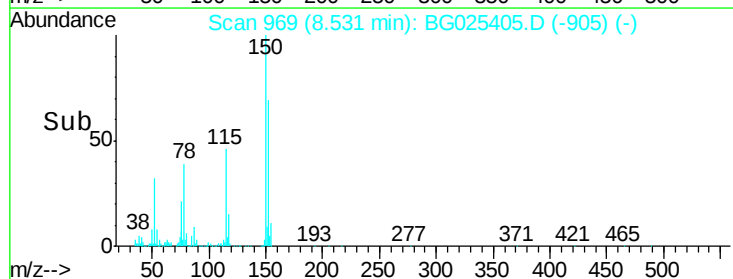
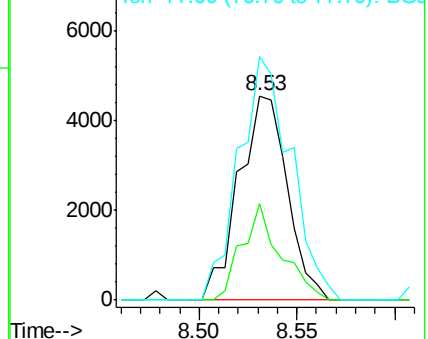
79 100

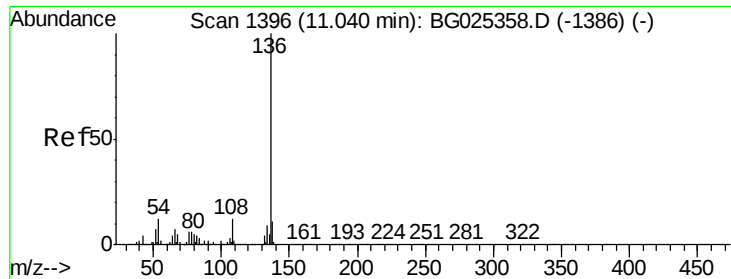
108 65.7 45.5 68.3

77 119.4 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

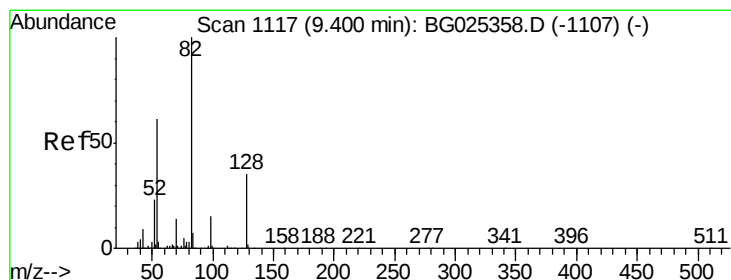
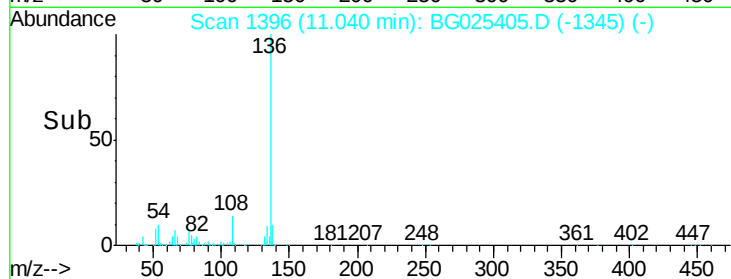
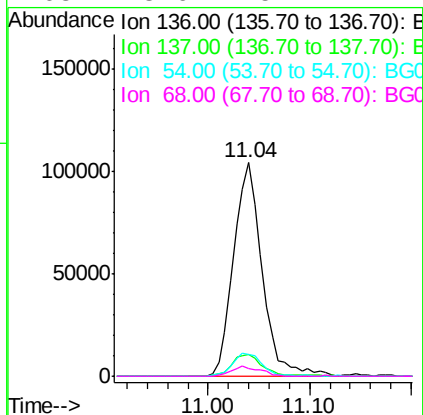
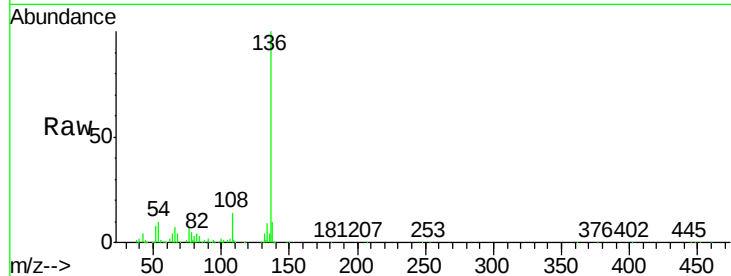




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025405.D
Acq: 29 Dec 2016 15:32

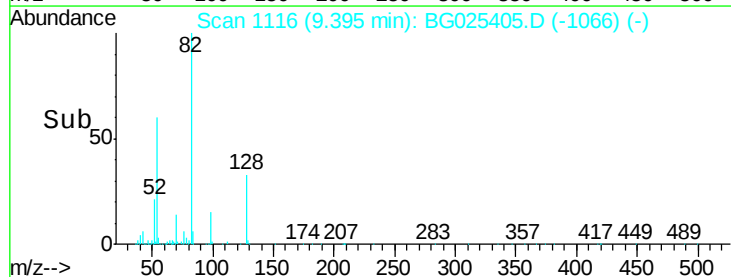
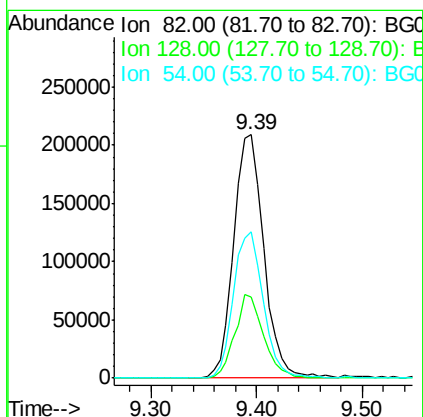
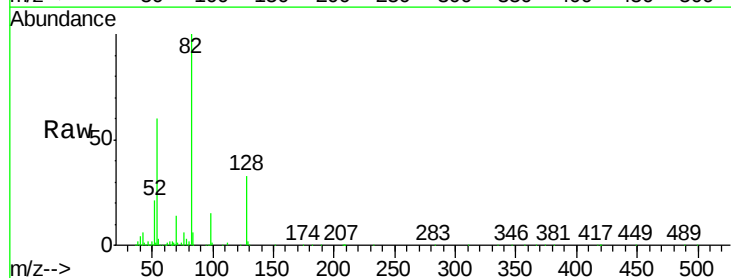
Instrument :
BNA_G
ClientSampleId :
PB95674BL

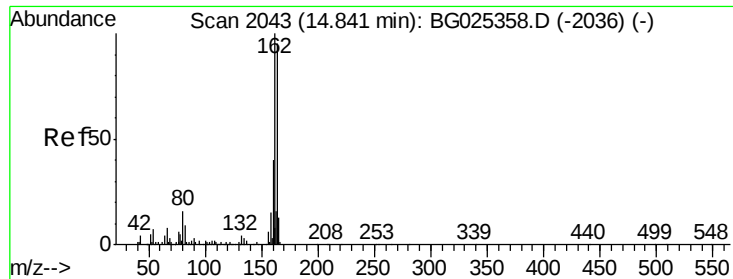
Tgt Ion:	136	Resp:	204555
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	10.3	9.3	13.9
68	3.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 89.08 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025405.D
Acq: 29 Dec 2016 15:32

Tgt Ion:	82	Resp:	412460
Ion	Ratio	Lower	Upper
82	100		
128	33.4	26.4	39.6
54	60.1	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

Instrument :

BNA_G

ClientSampleId :

PB95674BL

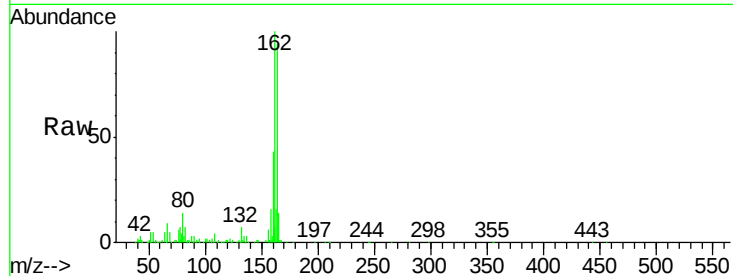
Tgt Ion:164 Resp: 163531

Ion Ratio Lower Upper

164 100

162 106.9 85.1 127.7

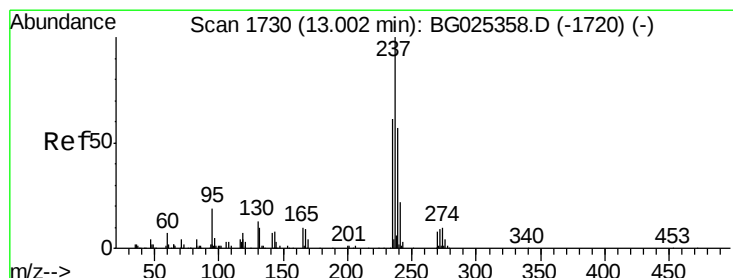
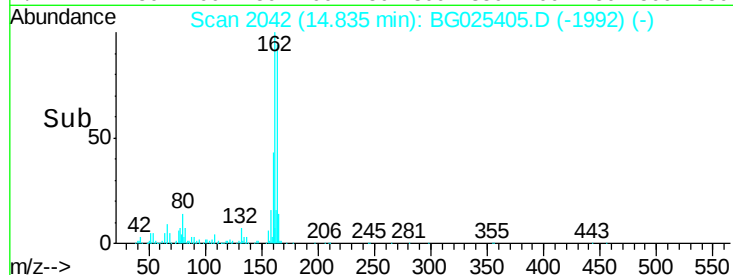
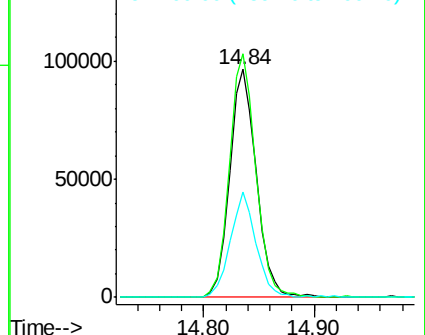
160 46.1 34.7 52.1



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: 13.01 min Scan# 1732

Delta R.T. 0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

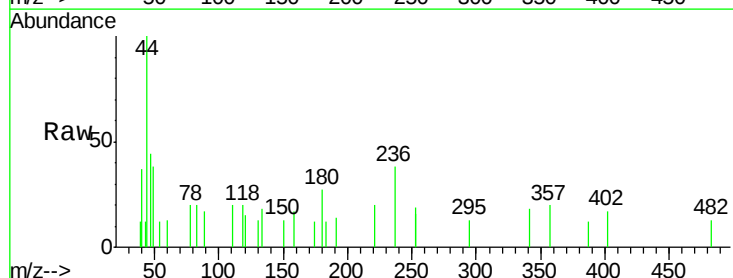
Tgt Ion:237 Resp: 170

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

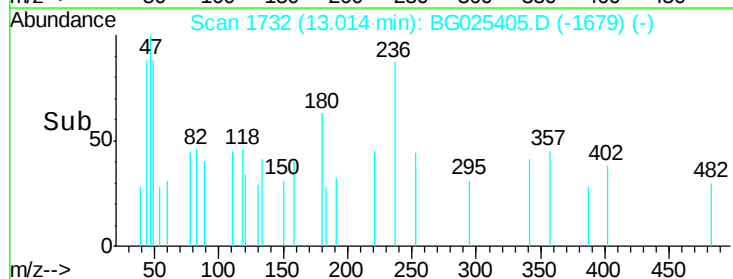
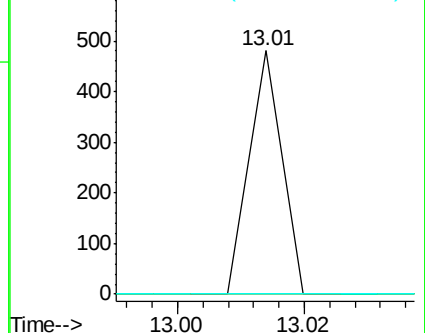
272 0.0 0.0 32.0

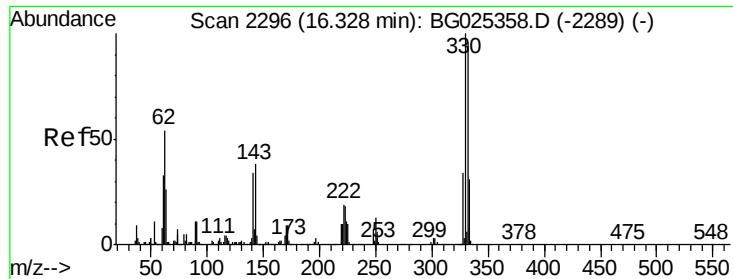


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

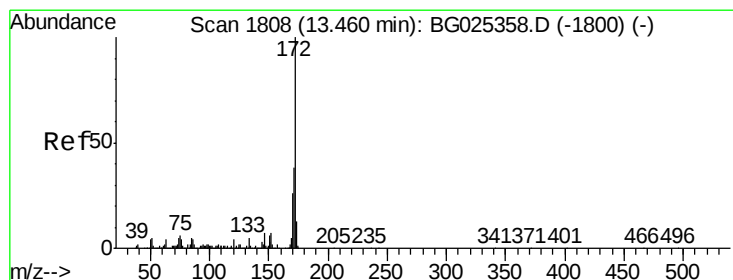
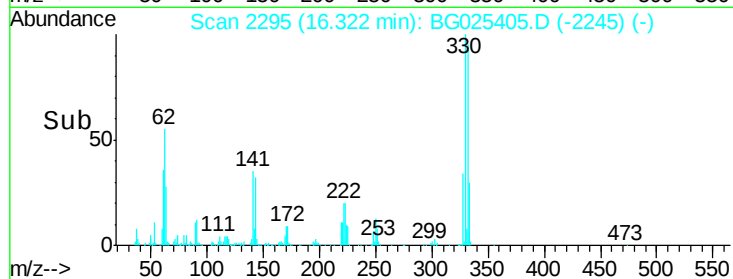
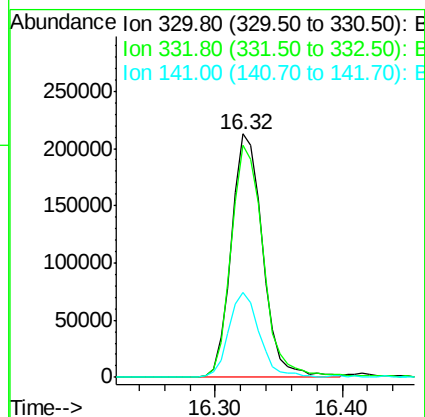
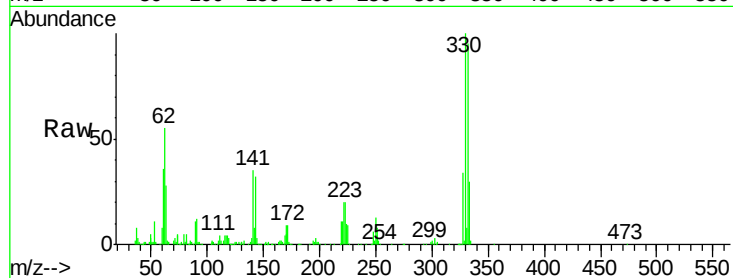




#41
 2,4,6-Tribromophenol
 Concen: 137.81 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG025405.D
 Acq: 29 Dec 2016 15:32

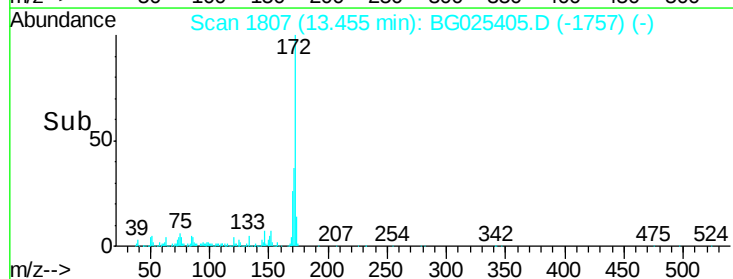
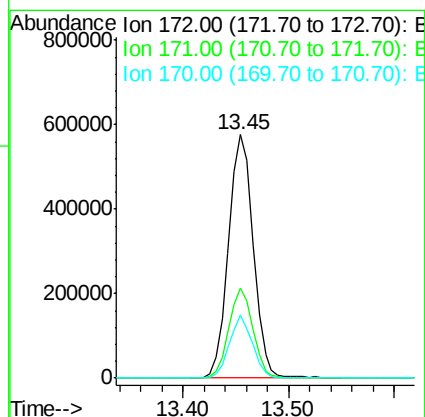
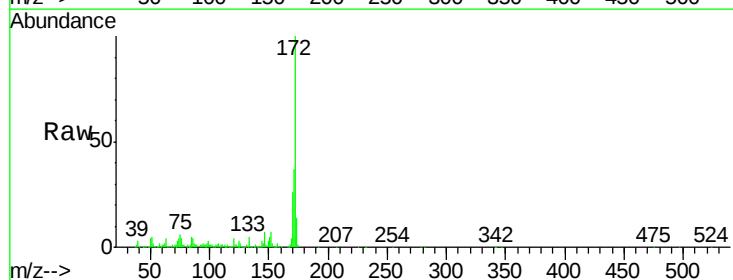
Instrument :
 BNA_G
 ClientSampled :
 PB95674BL

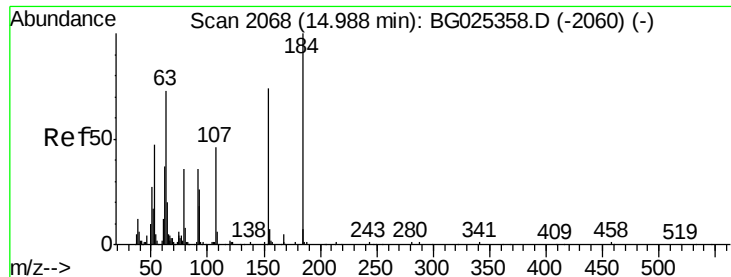
Tgt Ion:330 Resp: 362829
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 34.2 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 92.43 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG025405.D
 Acq: 29 Dec 2016 15:32

Tgt Ion:172 Resp: 933582
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.2 48.2
 170 26.1 21.8 32.6

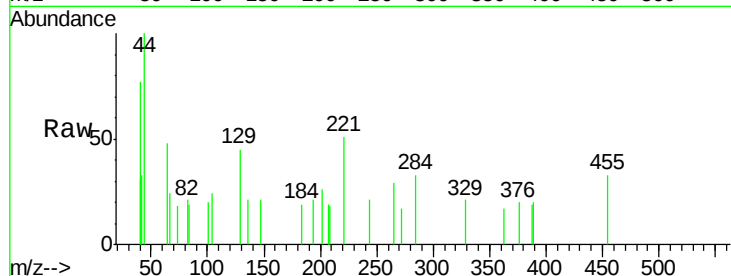




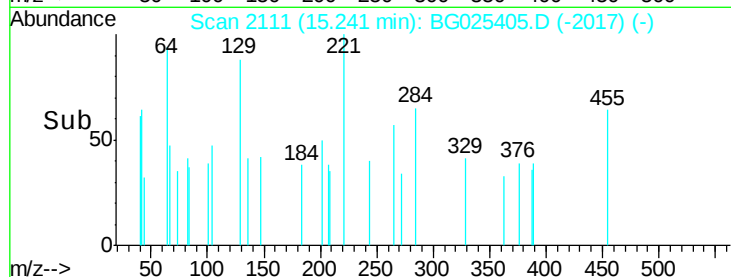
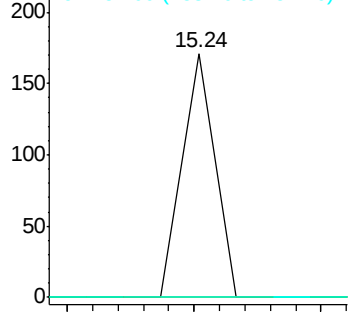
#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.25 min
Lab File: BG025405.D
Acq: 29 Dec 2016 15:32

Instrument :
BNA_G
ClientSampleId :
PB95674BL

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#

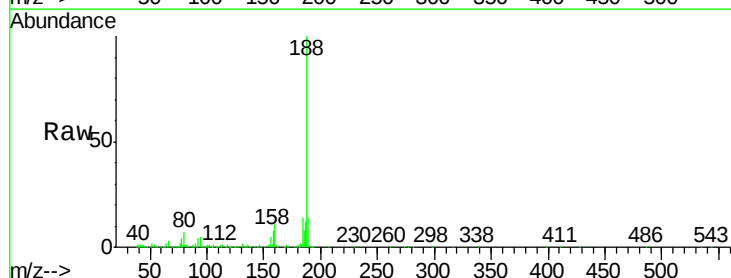
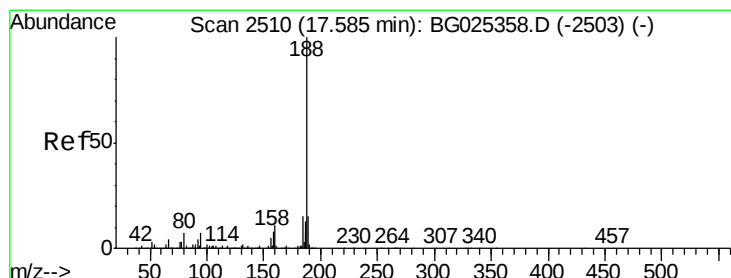


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

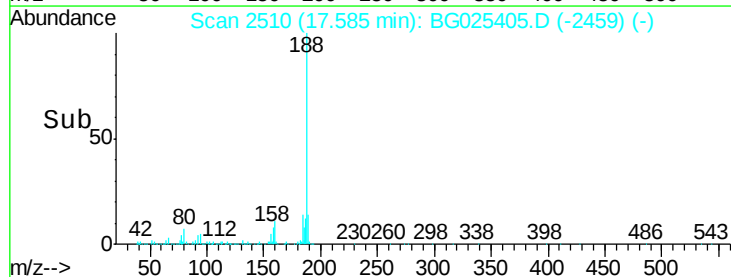
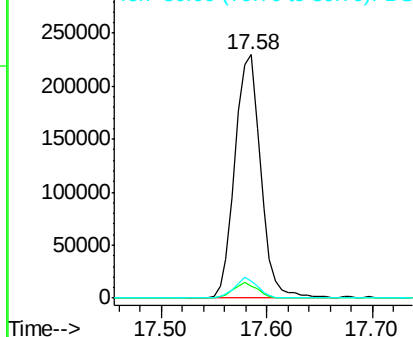


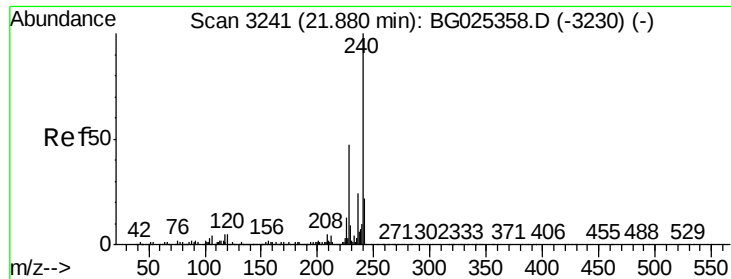
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG025405.D
Acq: 29 Dec 2016 15:32

Tgt Ion:188 Resp: 387916
Ion Ratio Lower Upper
188 100
94 4.9 5.8 8.8#
80 6.8 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# 3240

Delta R.T. -0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

Instrument :

BNA_G

ClientSampleId :

PB95674BL

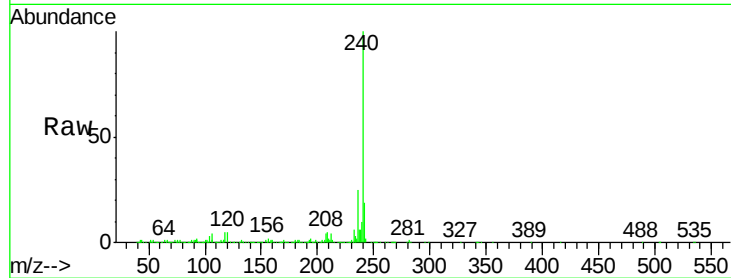
Tgt Ion:240 Resp: 575871

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

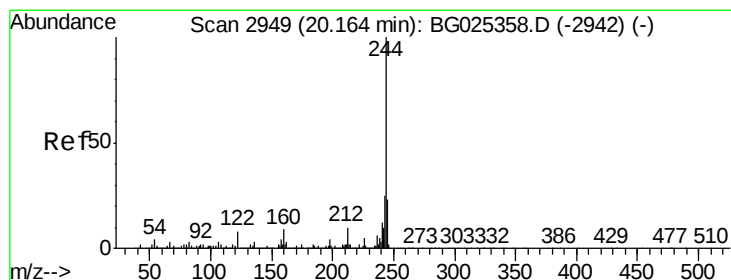
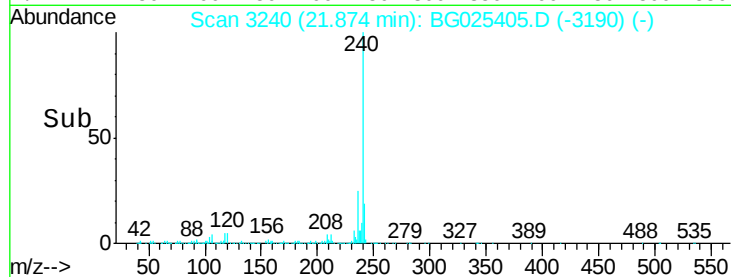
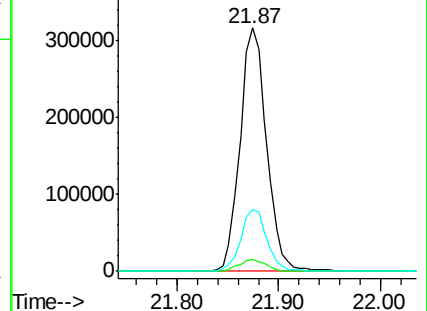
236 25.3 22.2 33.4



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: 85.85 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

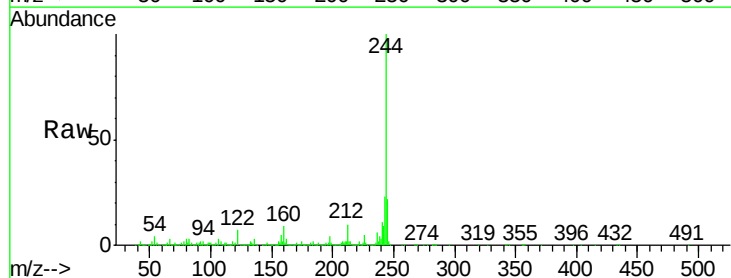
Tgt Ion:244 Resp: 1864526

Ion Ratio Lower Upper

244 100

212 9.7 10.0 15.0#

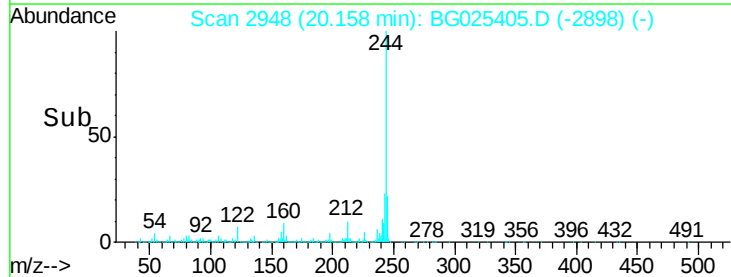
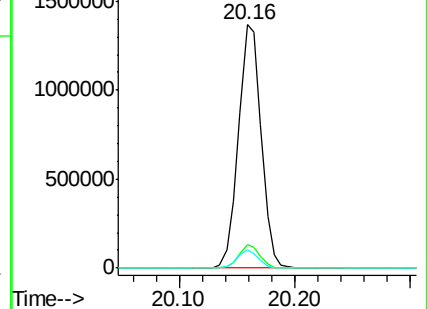
122 7.3 8.6 12.8#

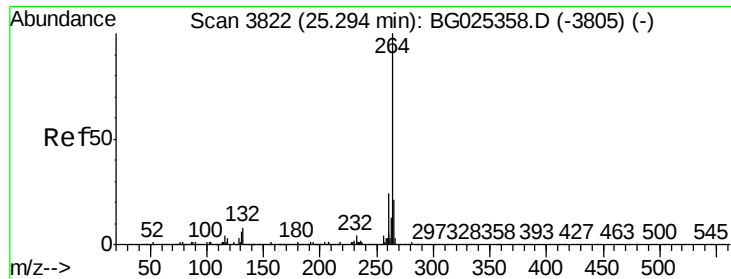


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.29 min Scan# 3821
Delta R.T. -0.01 min
Lab File: BG025405.D
Acq: 29 Dec 2016 15:32

Instrument :
BNA_G
ClientSampleId :
PB95674BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	21.2	18.2	27.4

