

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122916\
 Data File : BG025403.D
 Acq On : 29 Dec 2016 14:12
 Operator : UM/SJ
 Sample : H6226-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-02-122116

Quant Time: Dec 30 00:00:11 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

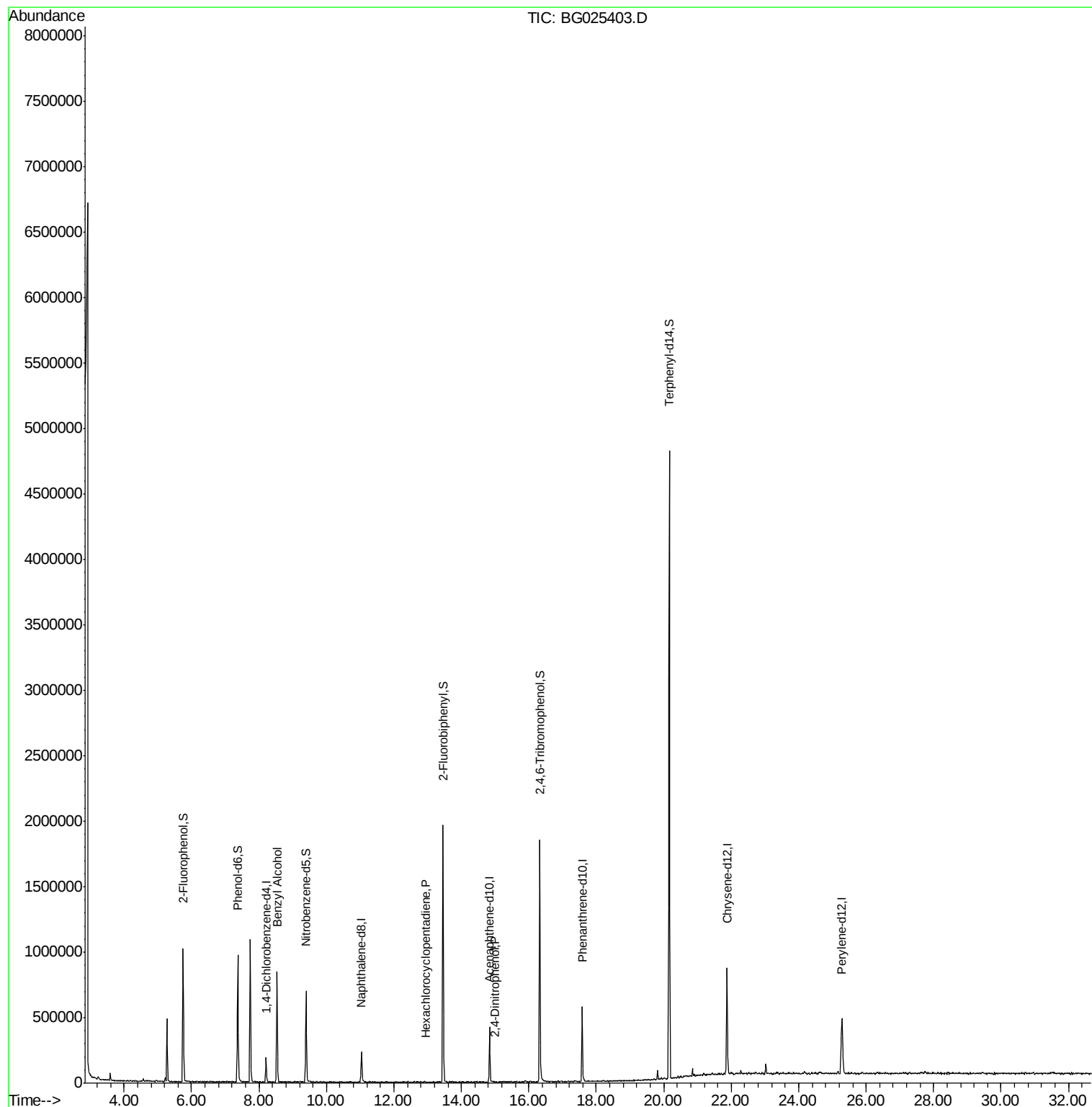
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48268	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	190444	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	159381	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	372793	20.00	ng	0.00
75) Chrysene-d12	21.87	240	555372	20.00	ng	0.00
86) Perylene-d12	25.28	264	565424	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	395127	148.80	ng	0.00
7) Phenol-d6	7.37	99	508875	136.07	ng	0.00
23) Nitrobenzene-d5	9.39	82	447597	103.83	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	400770	156.19	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	991130	100.68	ng	0.00
78) Terphenyl-d14	20.16	244	2108520	100.66	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	9195	2.58	ng	# 57
40) Hexachlorocyclopentadiene	12.95	237	107	8.56	ng	# 29
53) 2,4-Dinitrophenol	14.99	184	116	5.14	ng	# 15

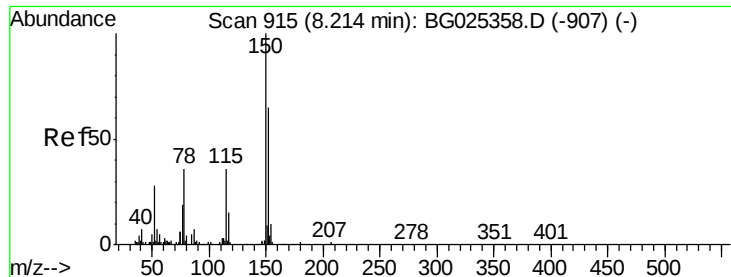
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

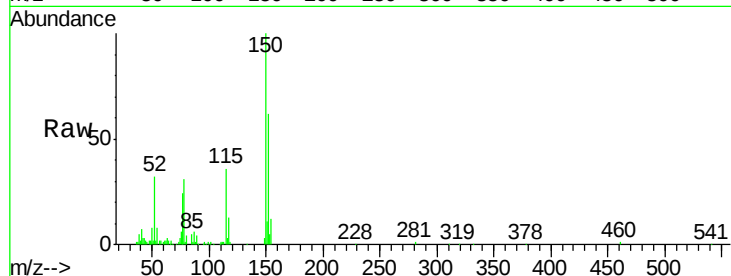
Tgt Ion:152 Resp: 48268

Ion Ratio Lower Upper

152 100

150 161.3 114.0 171.0

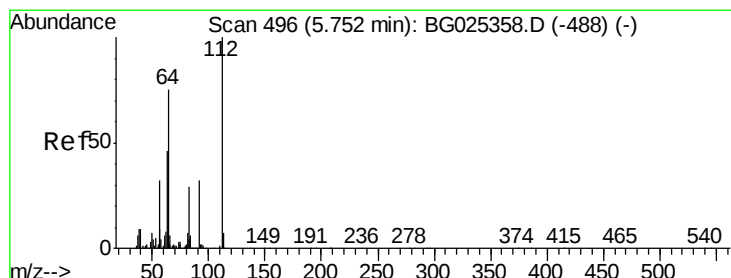
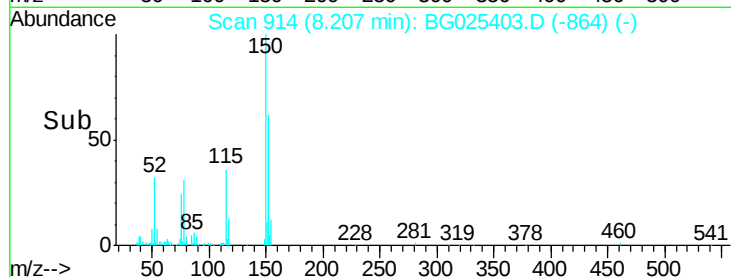
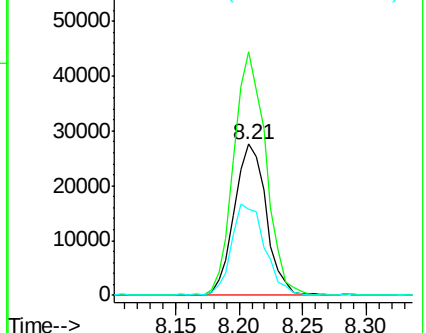
115 57.3 48.1 72.1



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: 148.80 ng

RT: 5.75 min Scan# 496

Delta R.T. -0.00 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

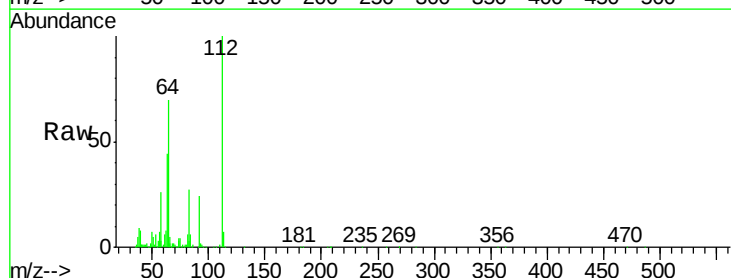
Tgt Ion:112 Resp: 395127

Ion Ratio Lower Upper

112 100

64 69.7 61.8 92.6

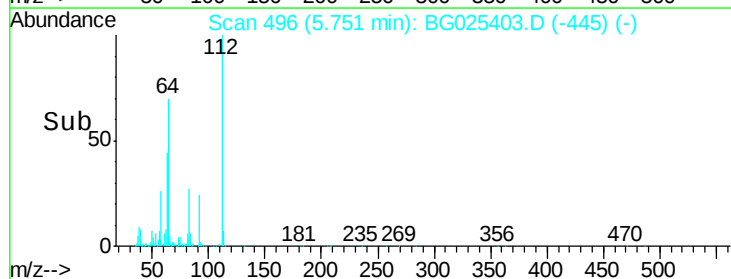
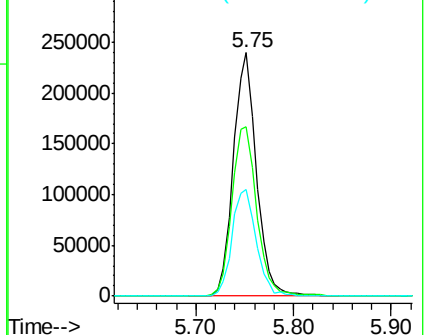
63 43.9 37.2 55.8

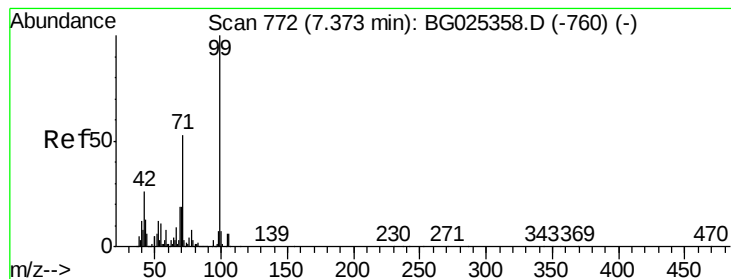


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.07 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

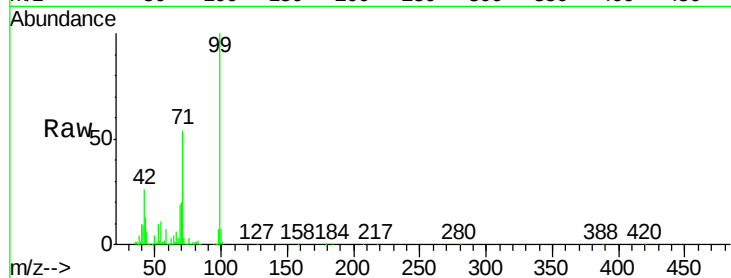
Tgt Ion: 99 Resp: 508875

Ion Ratio Lower Upper

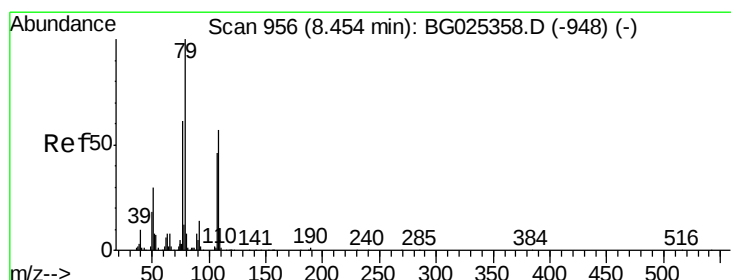
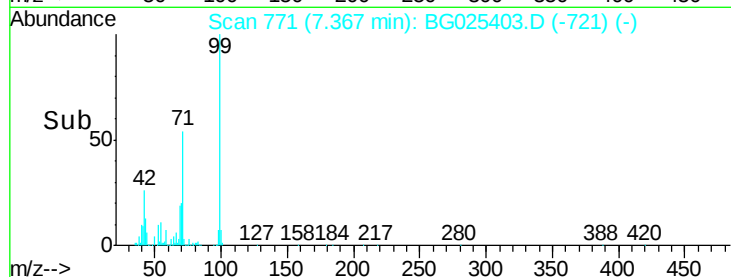
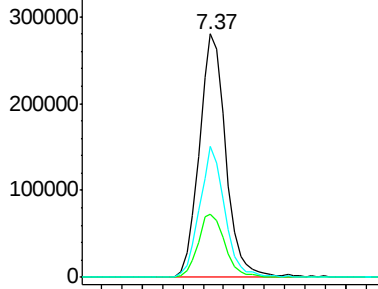
99 100

42 26.0 20.5 30.7

71 53.7 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: 2.58 ng

RT: 8.53 min Scan# 969

Delta R.T. 0.08 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

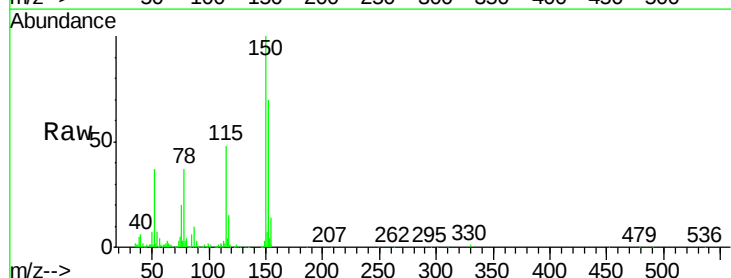
Tgt Ion: 79 Resp: 9195

Ion Ratio Lower Upper

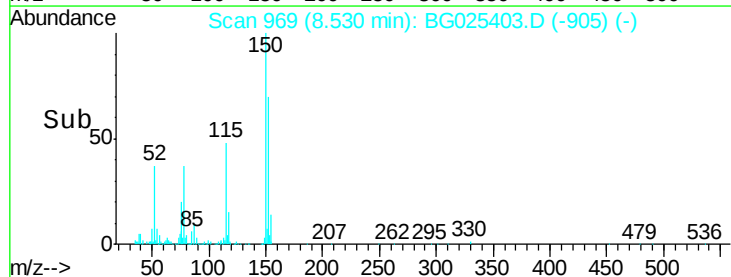
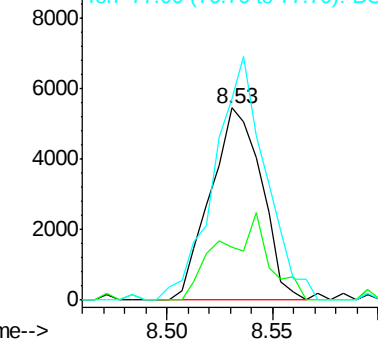
79 100

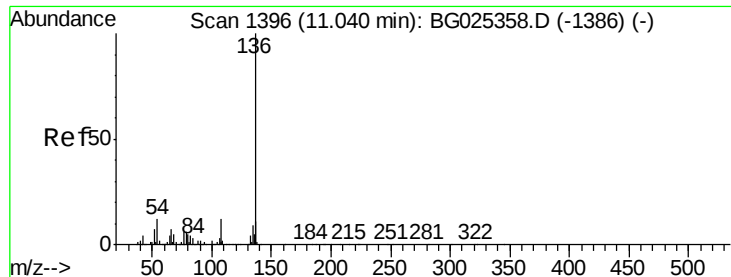
108 27.3 45.5 68.3#

77 105.1 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

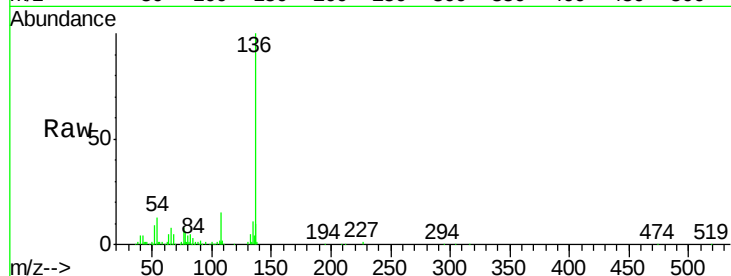




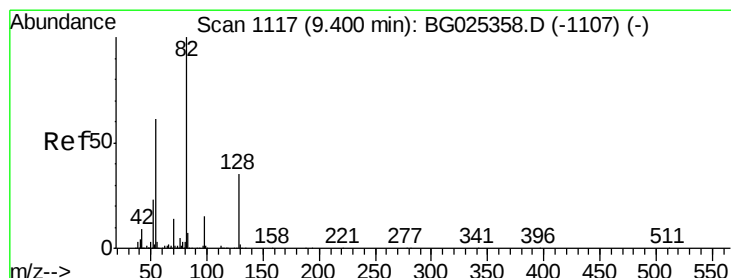
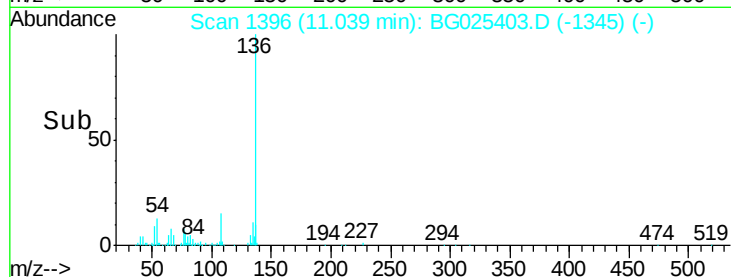
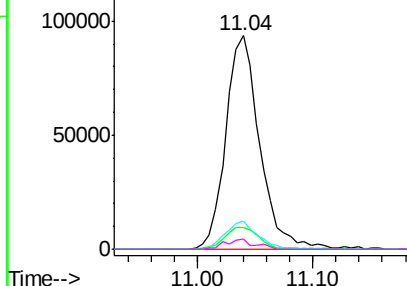
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Instrument :
BNA_G
ClientSampleId :
IDW-02-122116

Tgt Ion:	136	Resp:	190444
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	13.4	9.3	13.9
68	4.5	5.1	7.7#

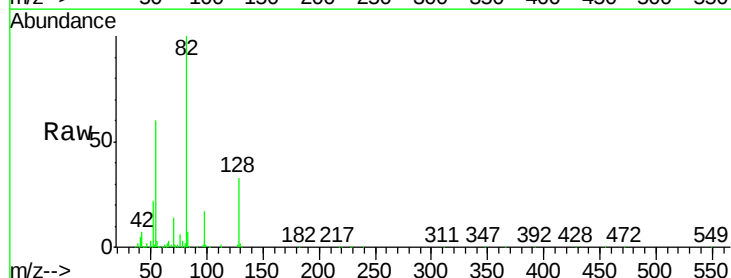


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

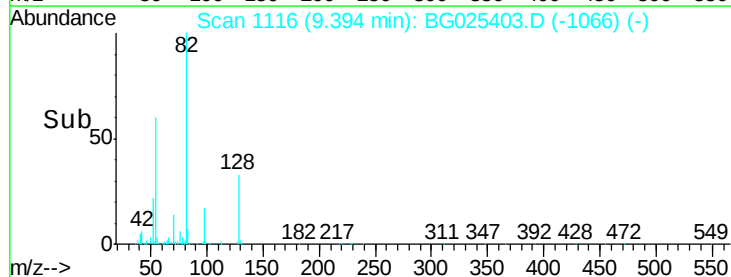
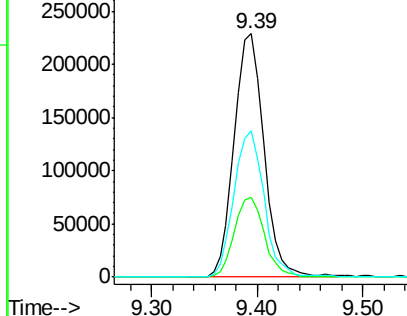


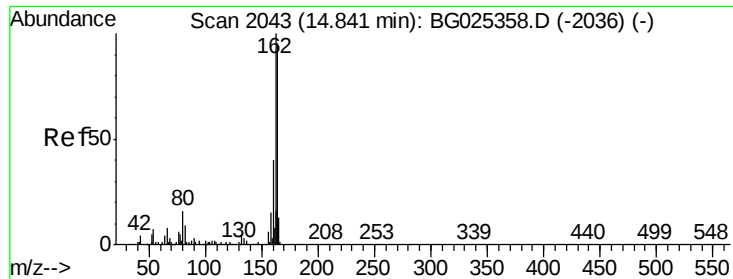
#23
Nitrobenzene-d5
Concen: 103.83 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Tgt Ion:	82	Resp:	447597
Ion	Ratio	Lower	Upper
82	100		
128	32.8	26.4	39.6
54	60.0	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

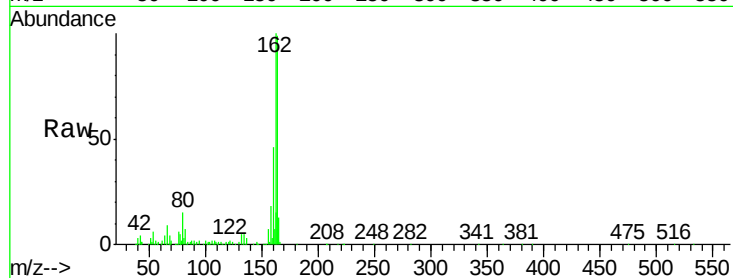
Tgt Ion:164 Resp: 159381

Ion Ratio Lower Upper

164 100

162 101.1 85.1 127.7

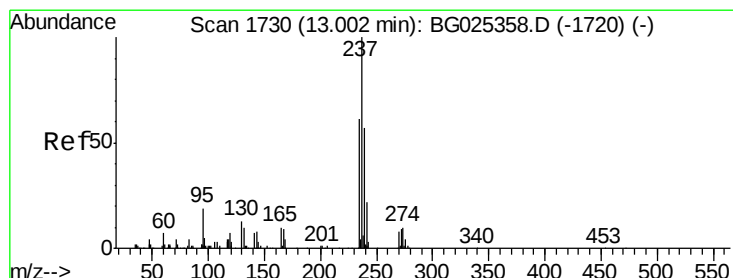
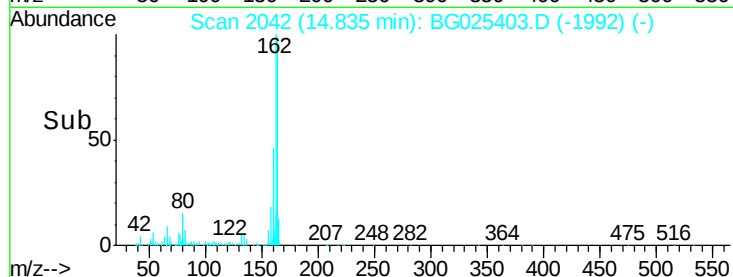
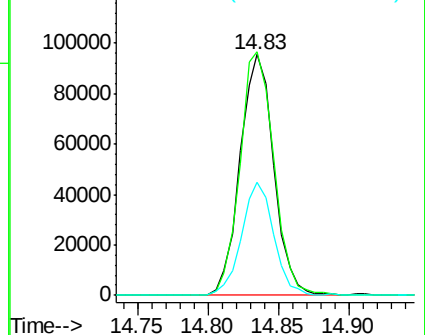
160 47.0 34.7 52.1



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: 8.56 ng

RT: 12.95 min Scan# 1721

Delta R.T. -0.05 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

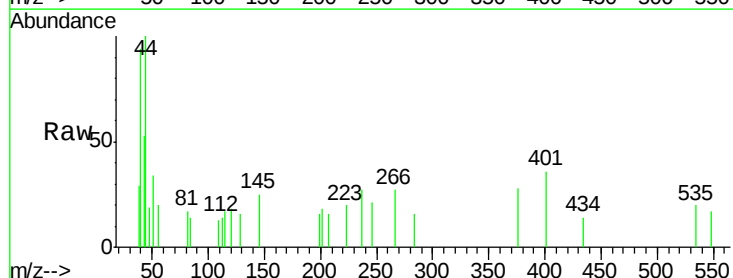
Tgt Ion:237 Resp: 107

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

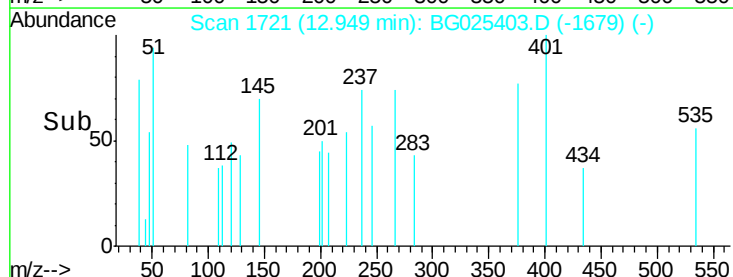
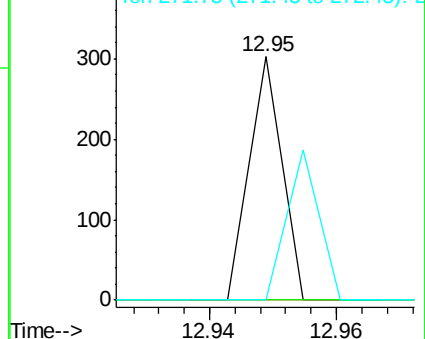
272 0.0 0.0 32.0

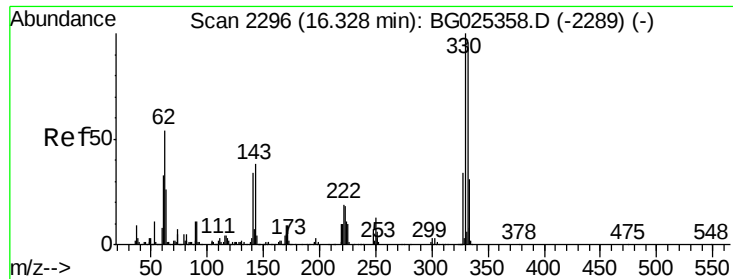


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 156.19 ng

RT: 16.33 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

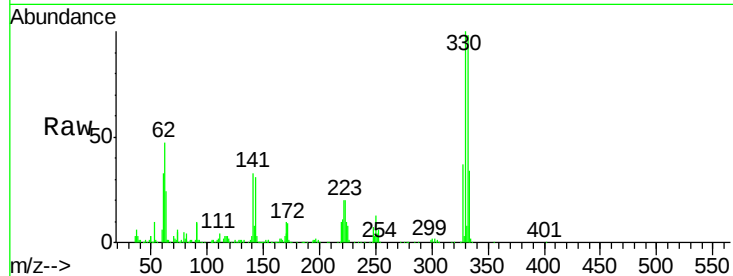
Tgt Ion:330 Resp: 400770

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

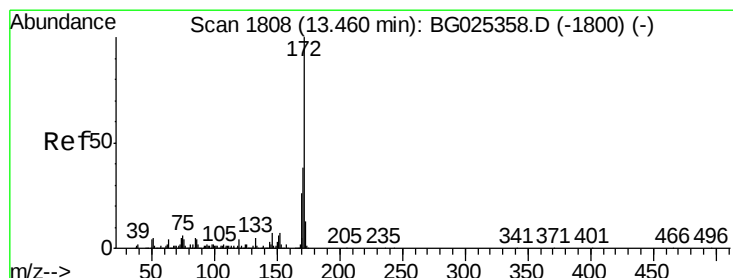
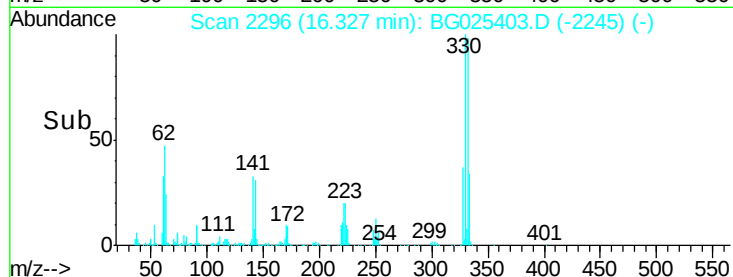
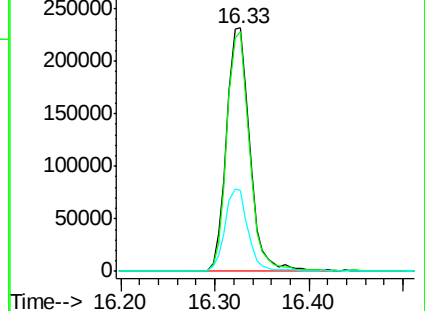
141 33.6 32.1 48.1



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: 100.68 ng

RT: 13.45 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

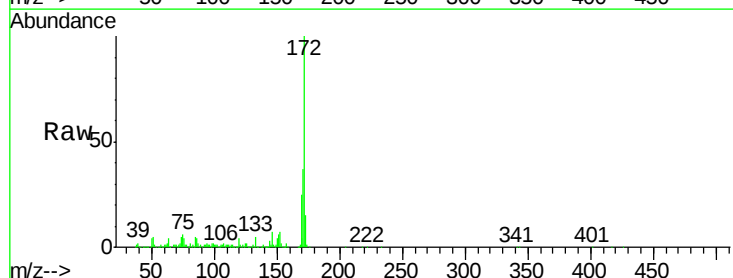
Tgt Ion:172 Resp: 991130

Ion Ratio Lower Upper

172 100

171 36.7 32.2 48.2

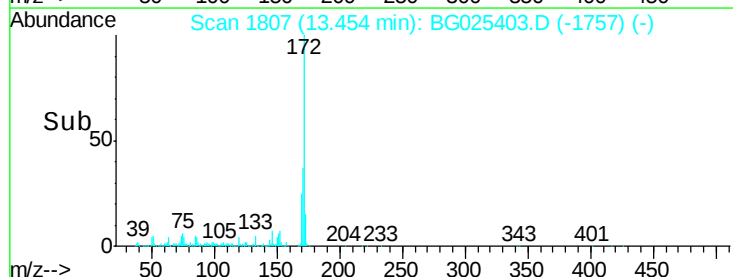
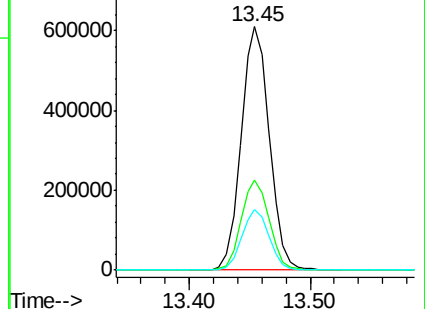
170 25.0 21.8 32.6

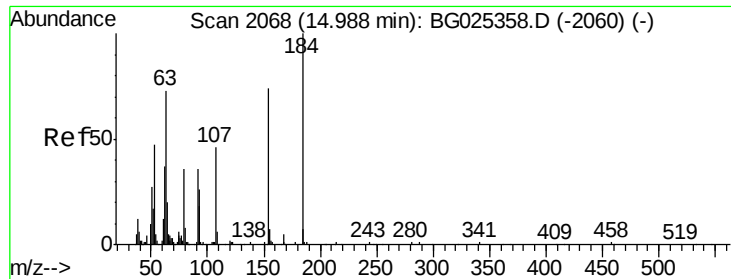


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

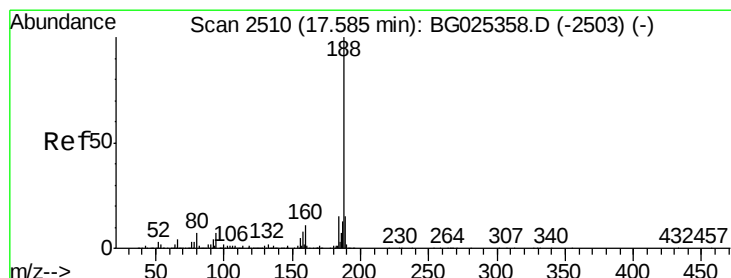
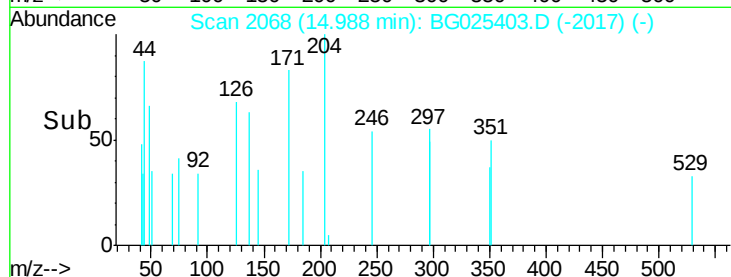
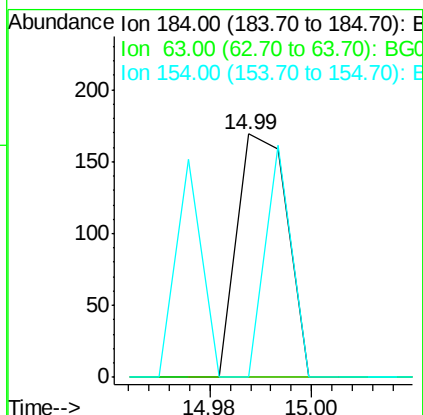
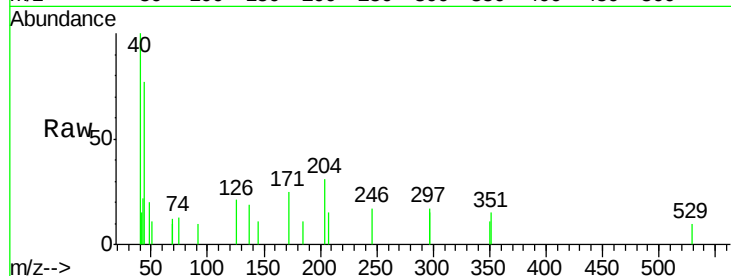




#53
2,4-Dinitrophenol
Concen: 5.14 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

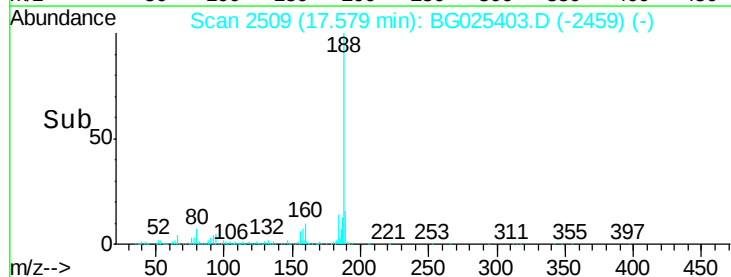
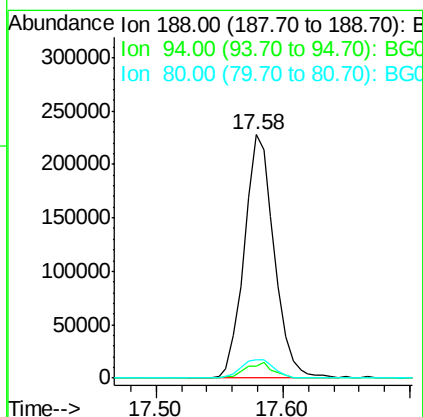
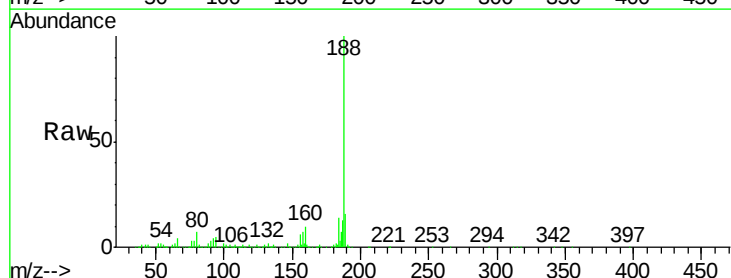
Instrument :
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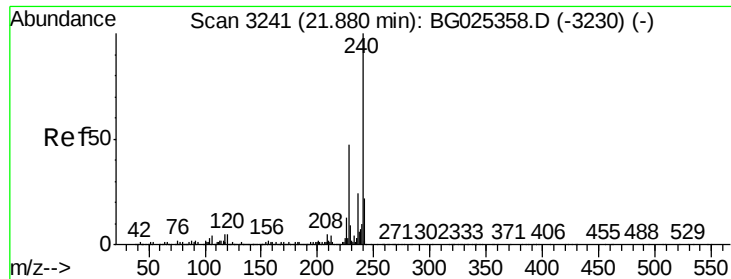
Tgt Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Tgt Ion:188 Resp: 372793
Ion Ratio Lower Upper
188 100
94 4.8 5.8 8.8#
80 7.5 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

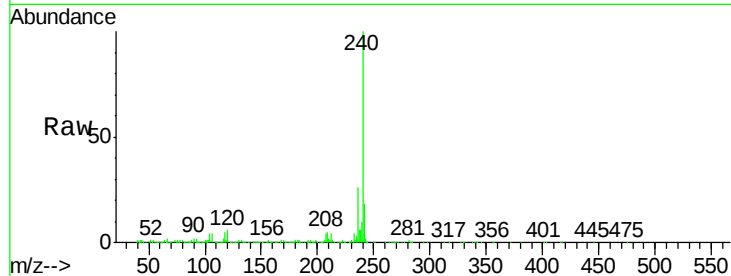
Tgt Ion:240 Resp: 555372

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

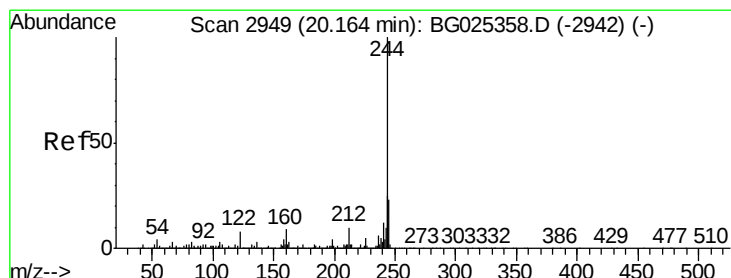
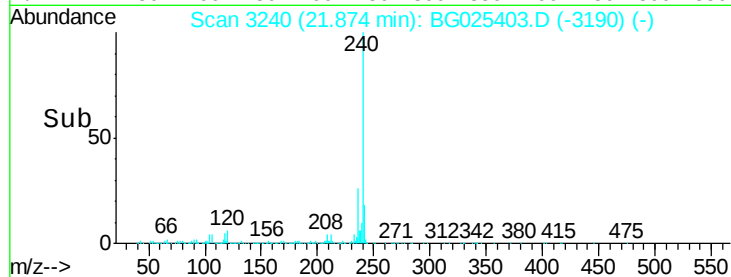
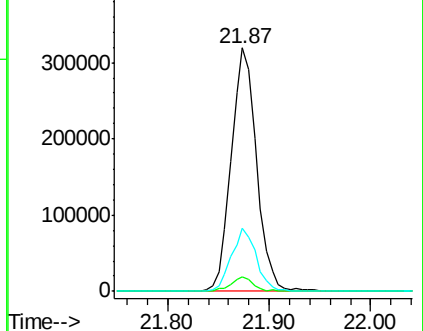
236 26.1 22.2 33.4



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: 100.66 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025403.D

Acq: 29 Dec 2016 14:12

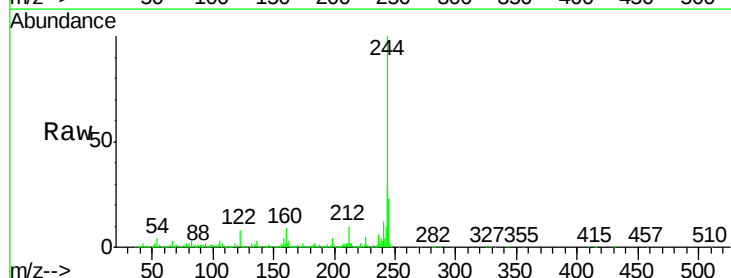
Tgt Ion:244 Resp: 2108520

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

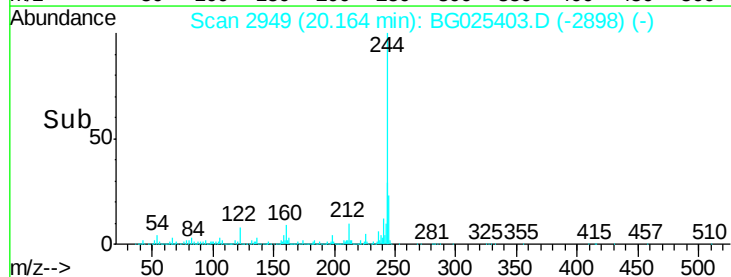
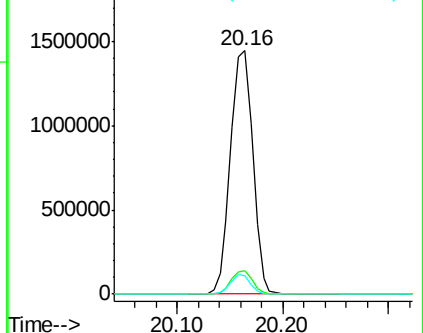
122 7.7 8.6 12.8#

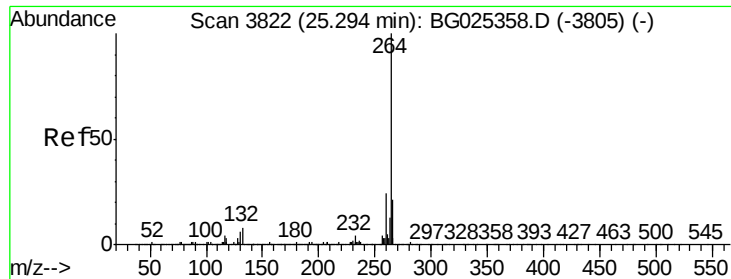


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG025403.D

Acq: 29 Dec 2016 14:12

Instrument :

BNA_G

ClientSampleId :

IDW-02-122116

Tgt Ion: 264 Resp: 565424

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 20.9 18.2 27.4

