

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025417.D
 Acq On : 30 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H6314-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-29

Quant Time: Dec 30 22:10:42 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

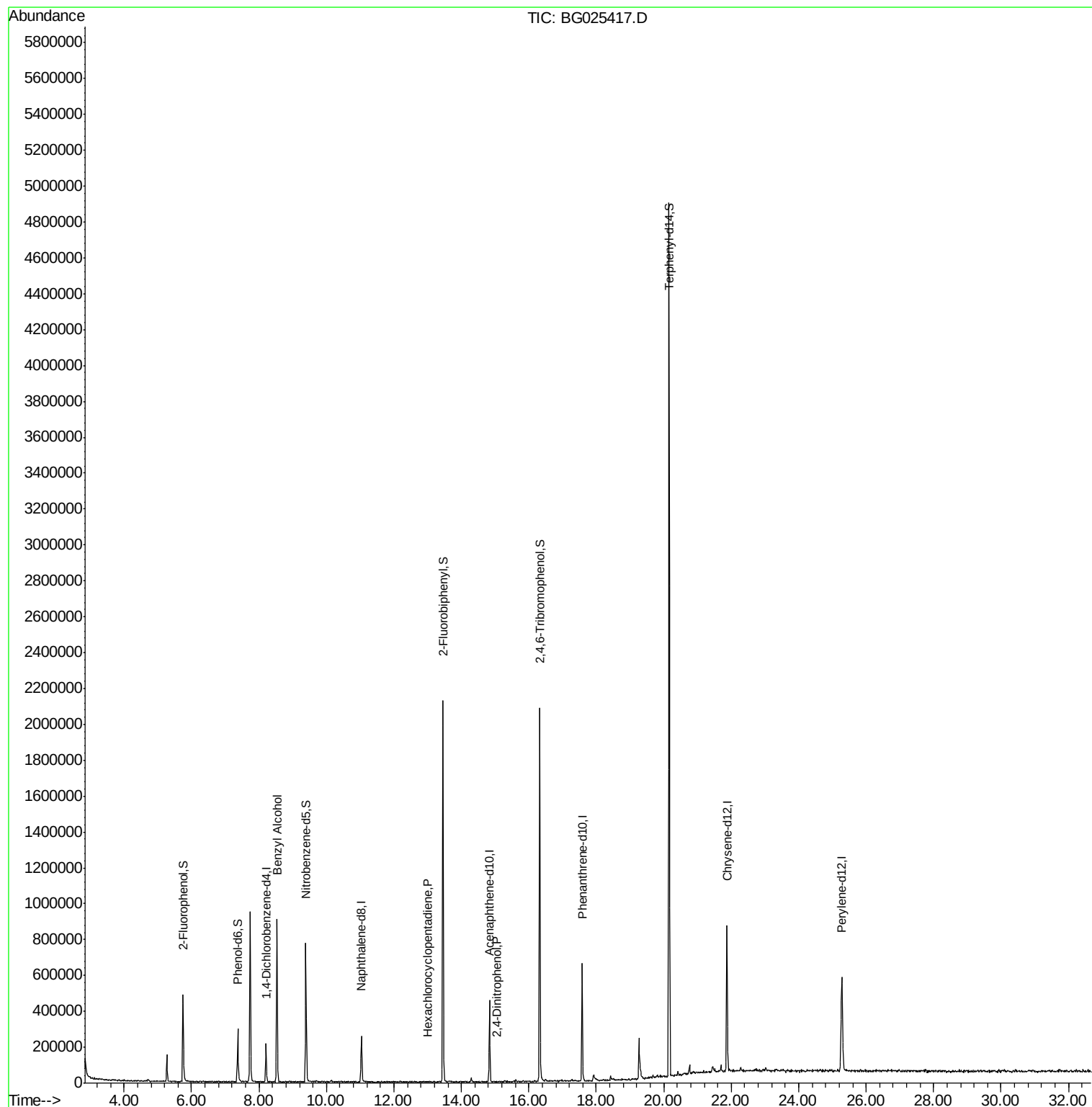
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	51639	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	213505	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	170949	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	422765	20.00	ng	0.00
75) Chrysene-d12	21.87	240	595108	20.00	ng	0.00
86) Perylene-d12	25.28	264	655464	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	199126	70.09	ng	0.00
7) Phenol-d6	7.37	99	166935	41.72	ng	0.00
23) Nitrobenzene-d5	9.39	82	490126	101.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	417628	151.74	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1069111	101.25	ng	0.00
78) Terphenyl-d14	20.16	244	2116216	94.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	7711	2.02	ng	# 61
40) Hexachlorocyclopentadiene	12.98	237	78	8.54	ng	# 29
53) 2,4-Dinitrophenol	15.05	184	96	5.13	ng	# 15

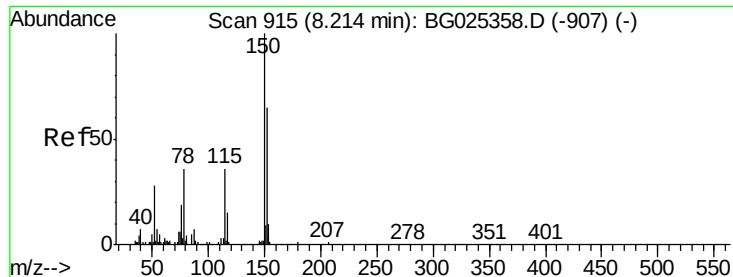
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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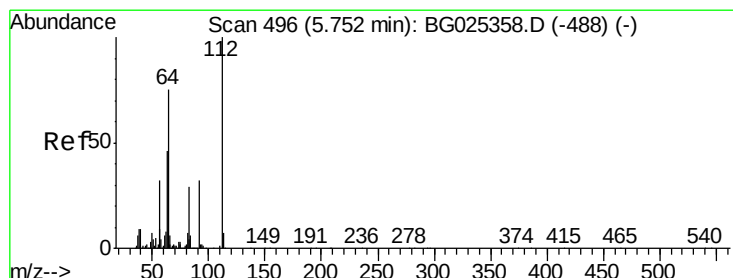
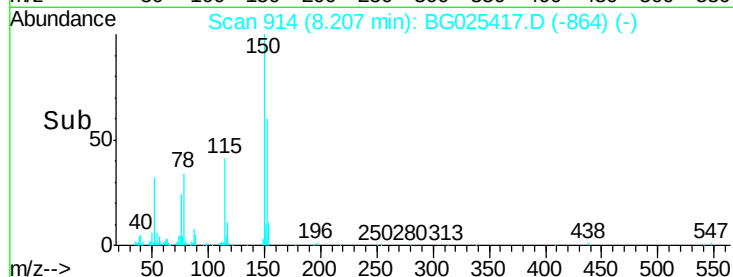
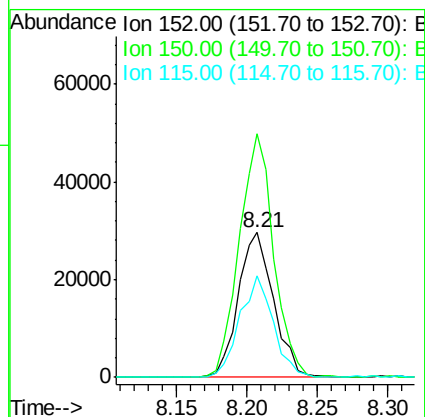
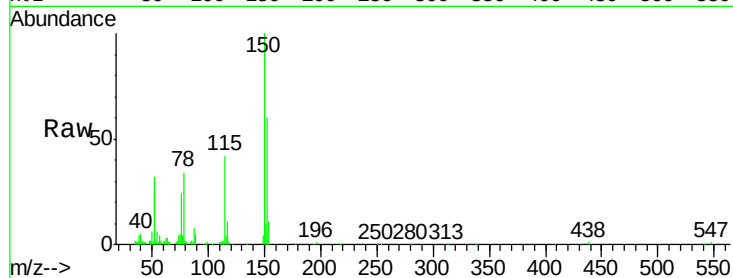


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Instrument :
BNA_G
ClientSampleId :
MW-29

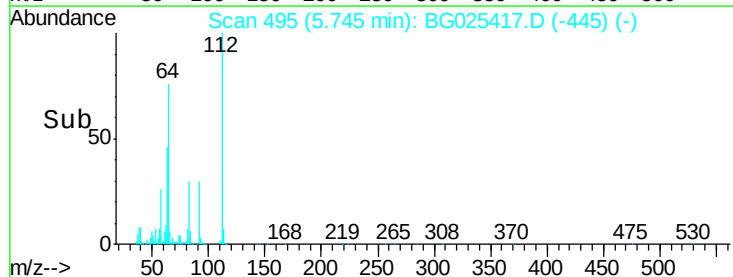
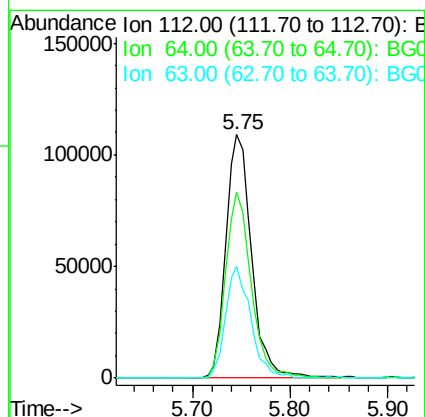
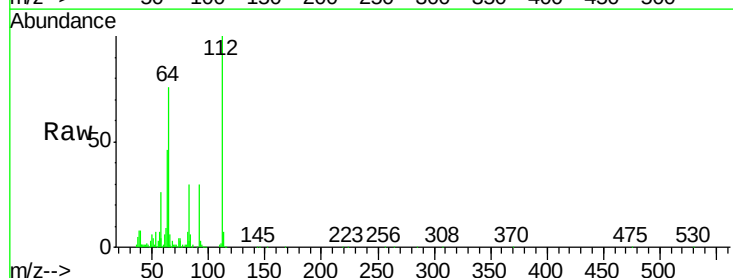
Tgt Ion:152 Resp: 51639
Ion Ratio Lower Upper
152 100
150 168.0 114.0 171.0
115 69.8 48.1 72.1

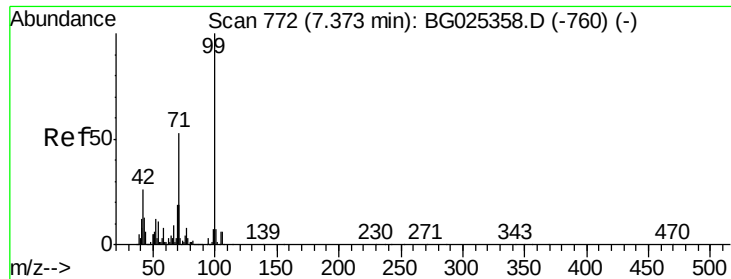


#5

2-Fluorophenol
Concen: 70.09 ng
RT: 5.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Tgt Ion:112 Resp: 199126
Ion Ratio Lower Upper
112 100
64 76.5 61.8 92.6
63 45.7 37.2 55.8





#7

Phenol-d6

Concen: 41.72 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025417.D

Acq: 30 Dec 2016 17:18

Instrument :

BNA_G

ClientSampleId :

MW-29

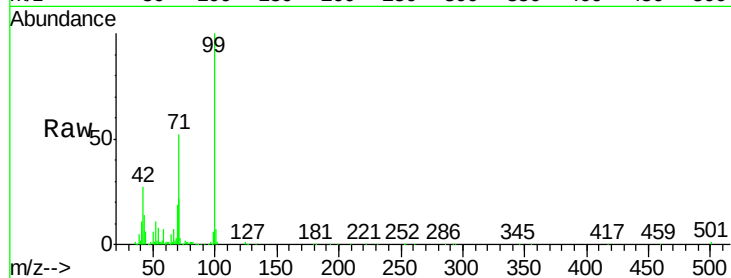
Tgt Ion: 99 Resp: 166935

Ion Ratio Lower Upper

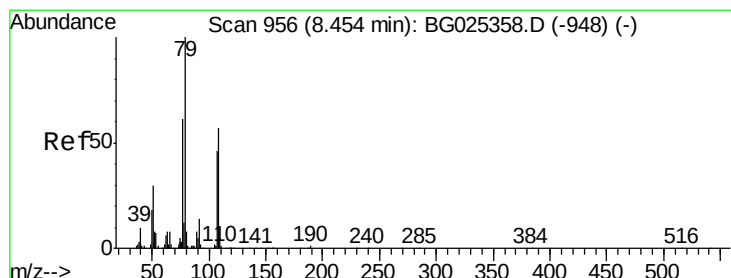
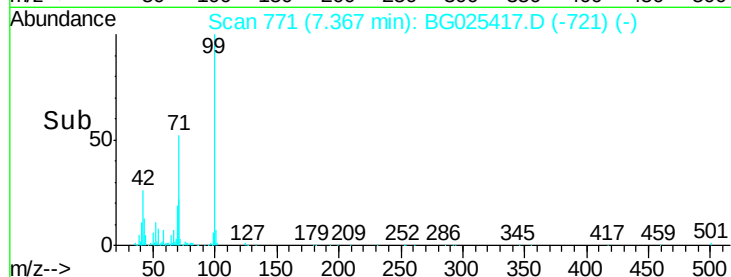
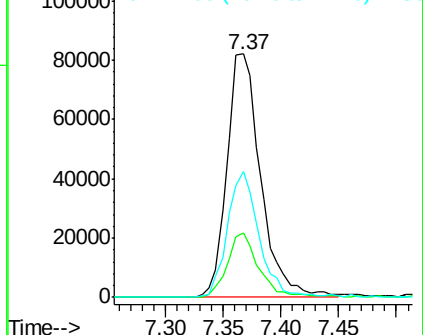
99 100

42 26.6 20.5 30.7

71 51.6 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: 2.02 ng

RT: 8.53 min Scan# 969

Delta R.T. 0.08 min

Lab File: BG025417.D

Acq: 30 Dec 2016 17:18

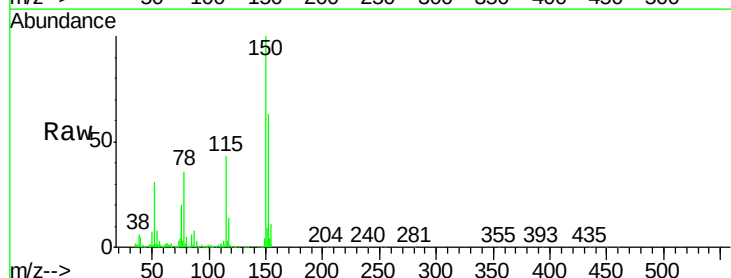
Tgt Ion: 79 Resp: 7711

Ion Ratio Lower Upper

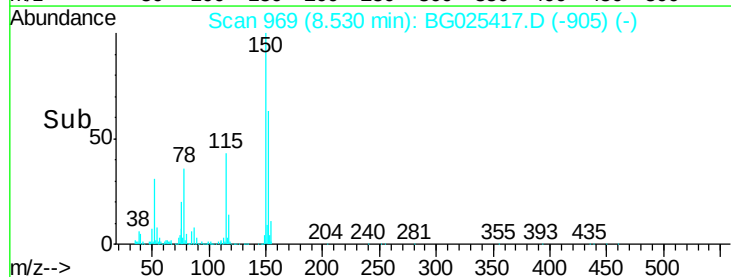
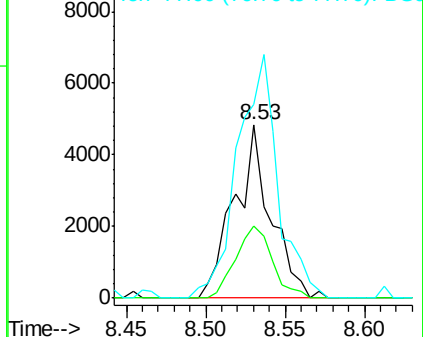
79 100

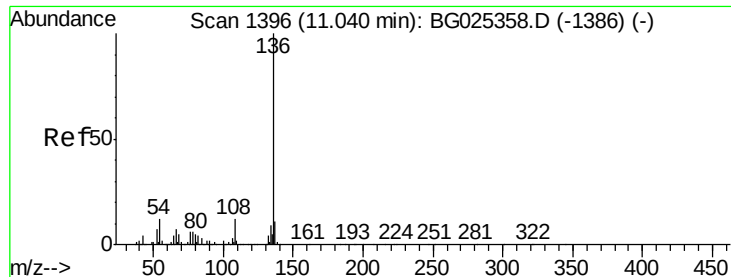
108 41.7 45.5 68.3#

77 111.3 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

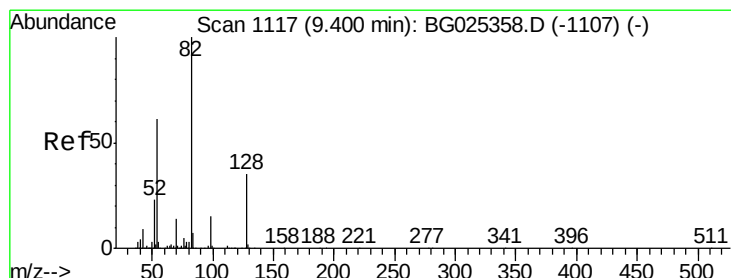
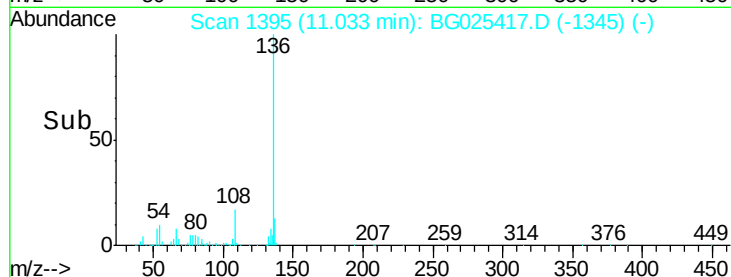
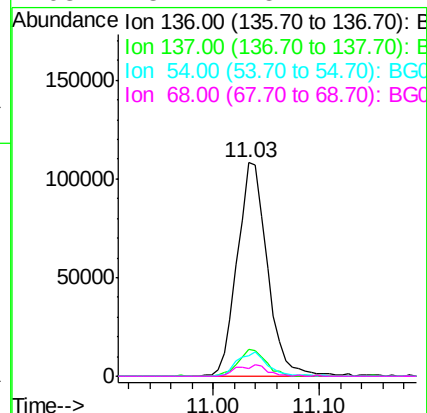
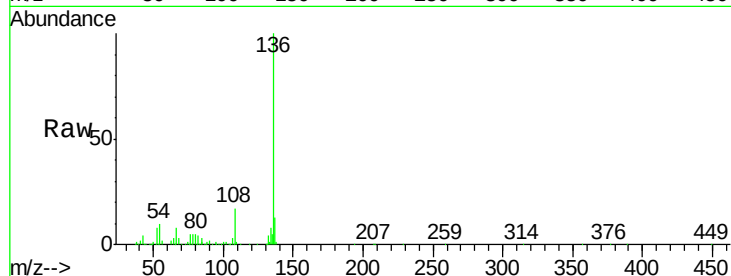




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

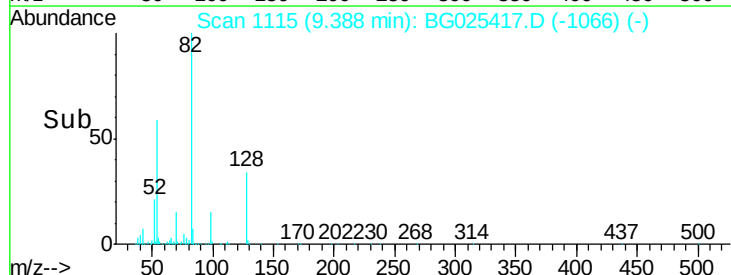
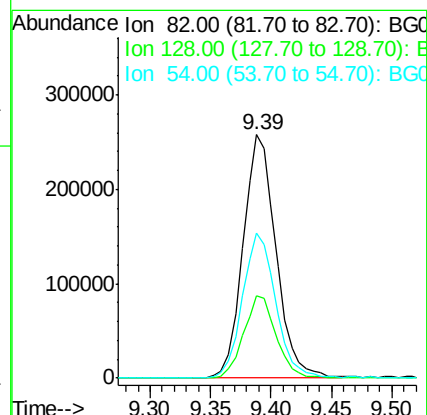
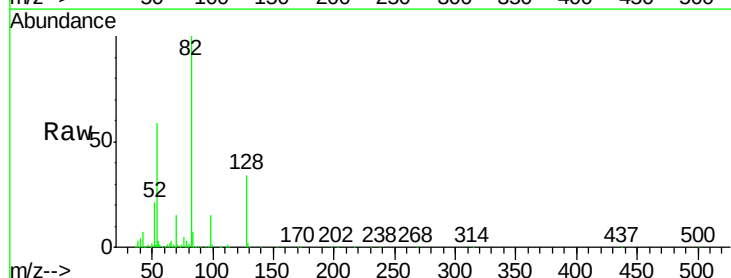
Instrument :
BNA_G
ClientSampleId :
MW-29

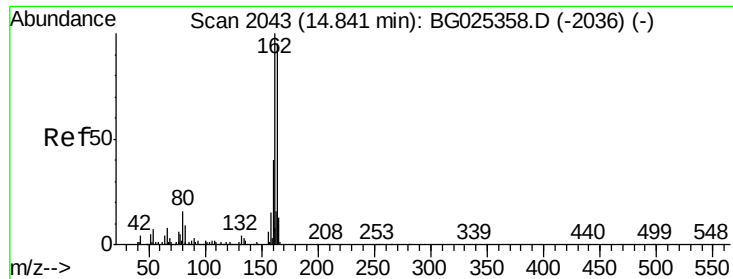
Tgt Ion:	136	Resp:	213505
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.9	13.3
54	9.9	9.3	13.9
68	3.4	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 101.41 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Tgt Ion:	82	Resp:	490126
Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.4	39.6
54	59.5	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025417.D

Acq: 30 Dec 2016 17:18

Instrument :

BNA_G

ClientSampleId :

MW-29

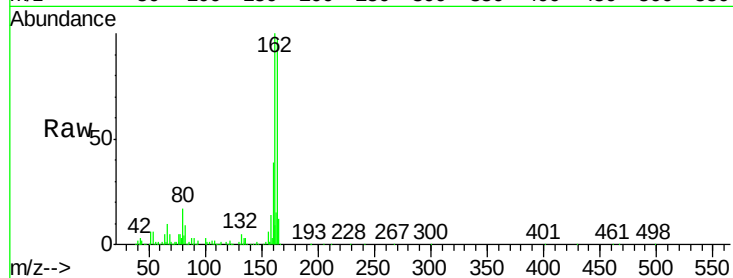
Tgt Ion:164 Resp: 170949

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

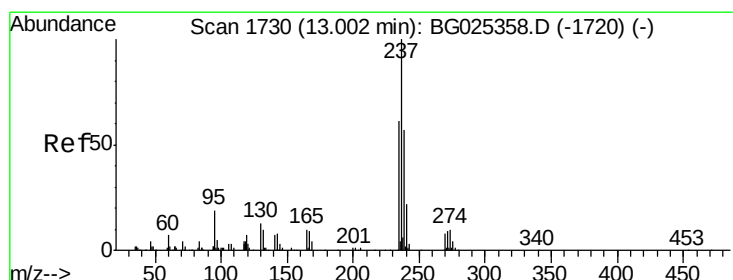
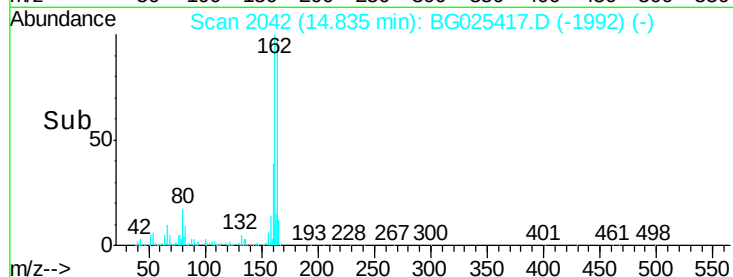
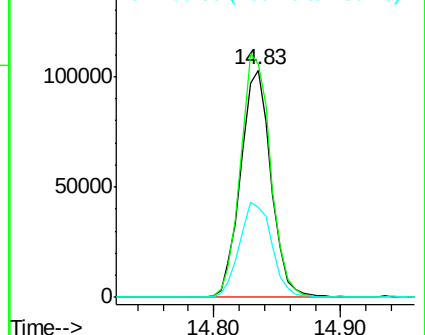
160 39.6 34.7 52.1



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: 12.98 min Scan# 1727

Delta R.T. -0.02 min

Lab File: BG025417.D

Acq: 30 Dec 2016 17:18

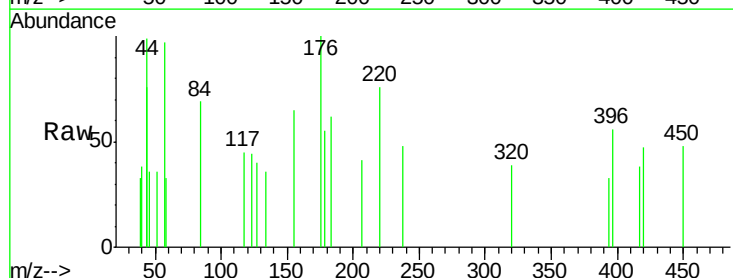
Tgt Ion:237 Resp: 78

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

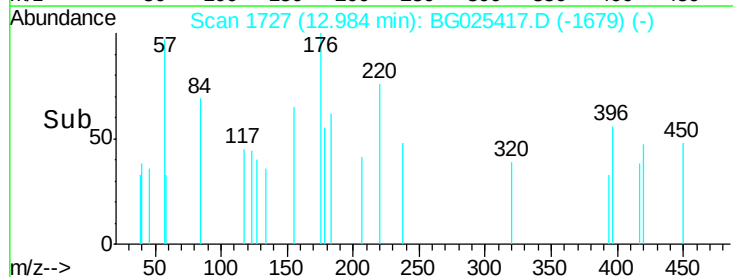
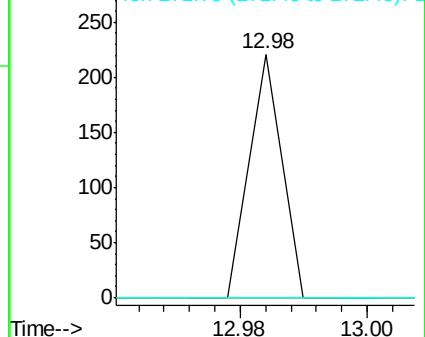
272 0.0 0.0 32.0

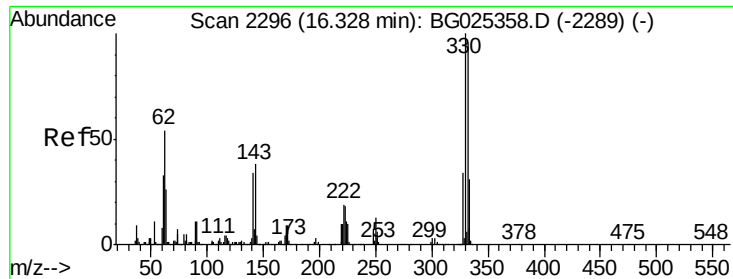


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 151.74 ng

RT: 16.32 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG025417.D

Acq: 30 Dec 2016 17:18

Instrument :

BNA_G

ClientSampleId :

MW-29

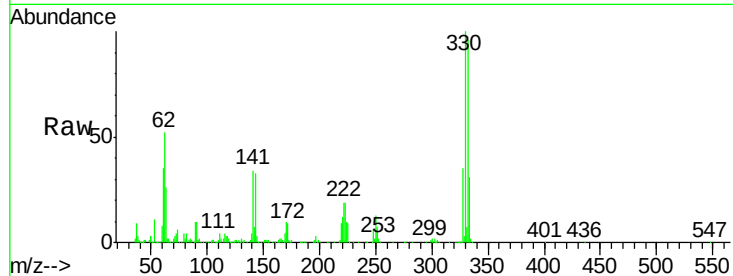
Tgt Ion:330 Resp: 417628

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

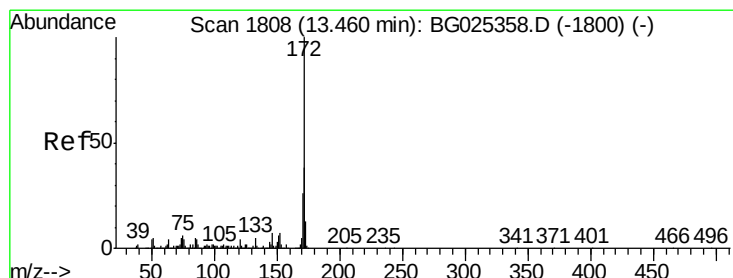
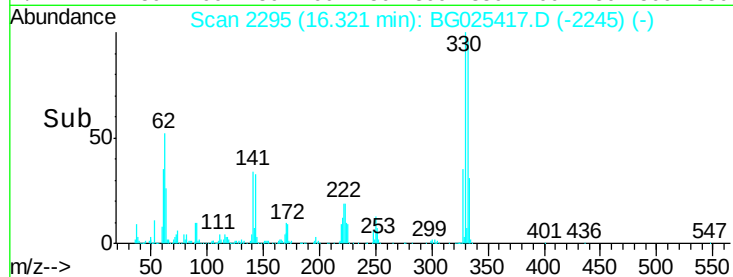
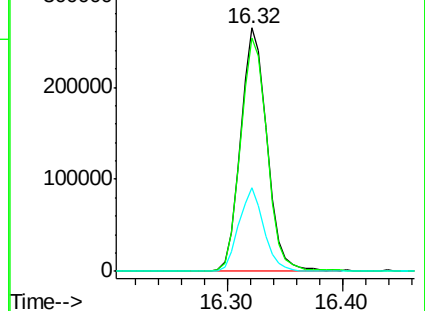
141 32.7 32.1 48.1



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: 101.25 ng

RT: 13.45 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BG025417.D

Acq: 30 Dec 2016 17:18

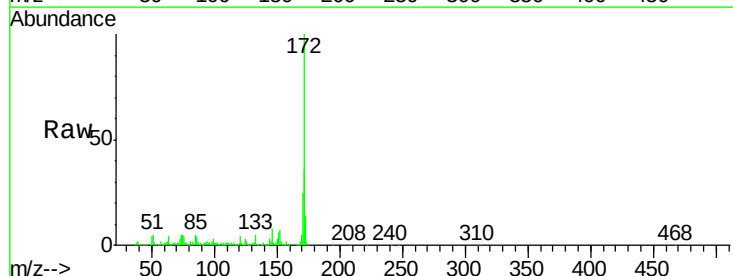
Tgt Ion:172 Resp: 1069111

Ion Ratio Lower Upper

172 100

171 36.2 32.2 48.2

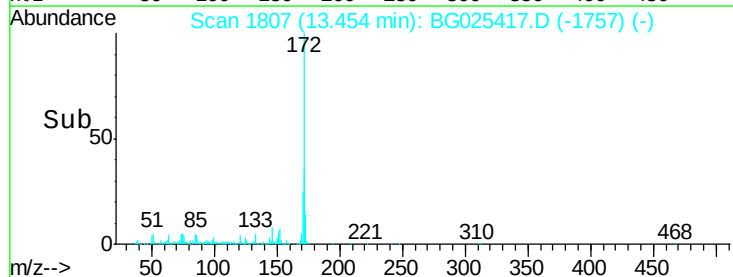
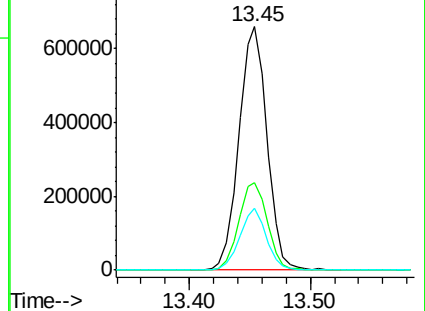
170 25.2 21.8 32.6

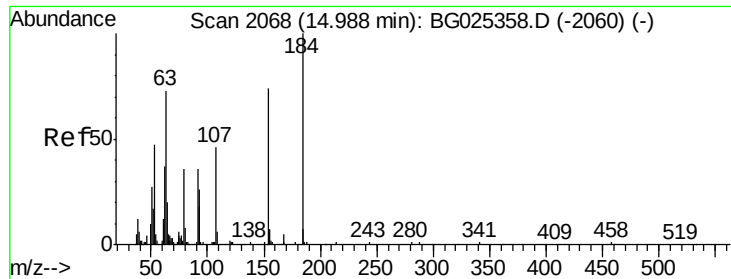


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

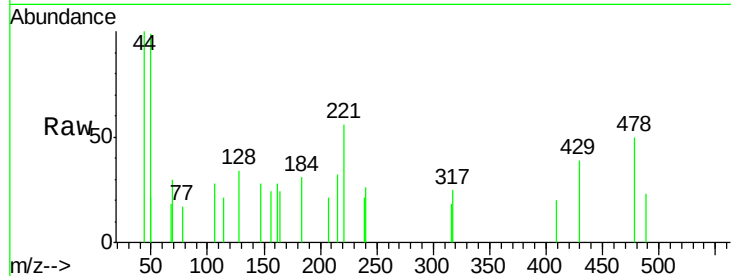




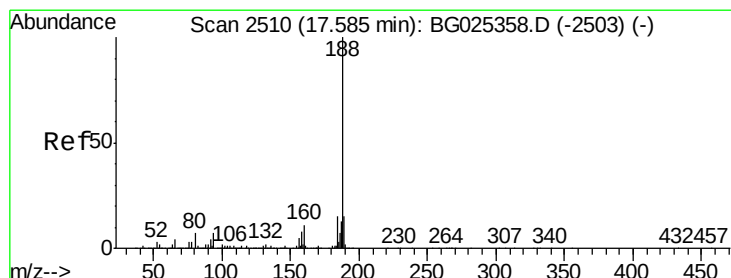
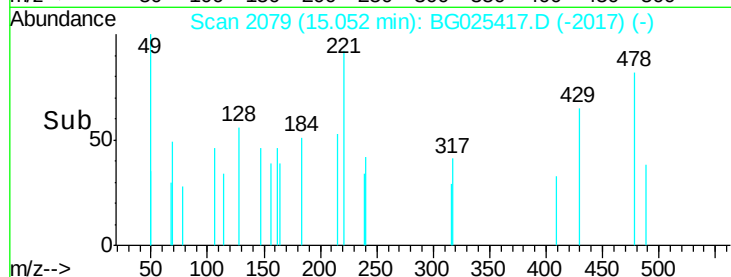
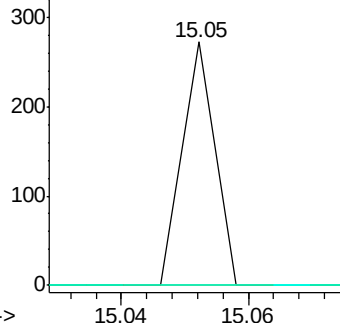
#53
2,4-Dinitrophenol
Concen: 5.13 ng
RT: 15.05 min Scan# 2079
Delta R.T. 0.06 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:184 Resp: 96
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

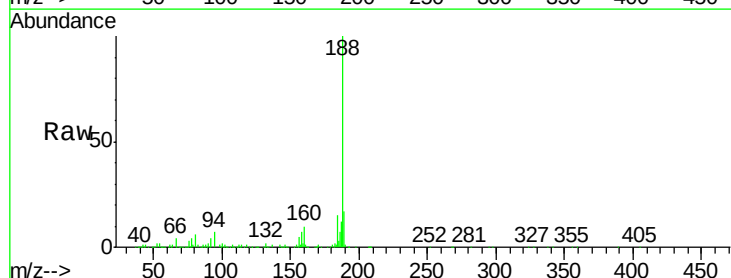


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

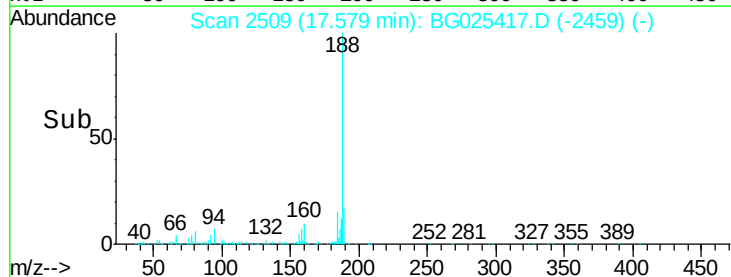
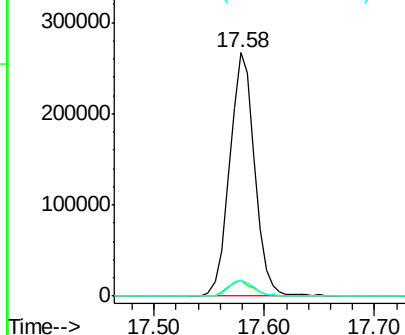


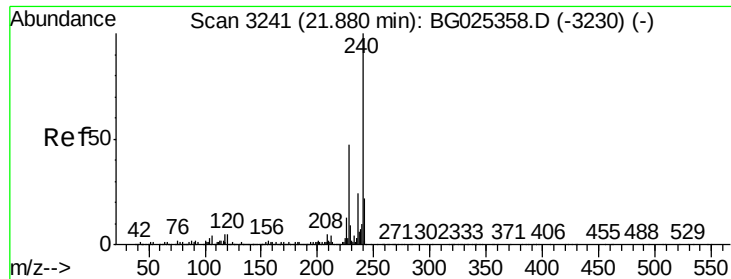
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Tgt Ion:188 Resp: 422765
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 6.3 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: BG025417.D

Acq: 30 Dec 2016 17:18

Instrument :

BNA_G

ClientSampleId :

MW-29

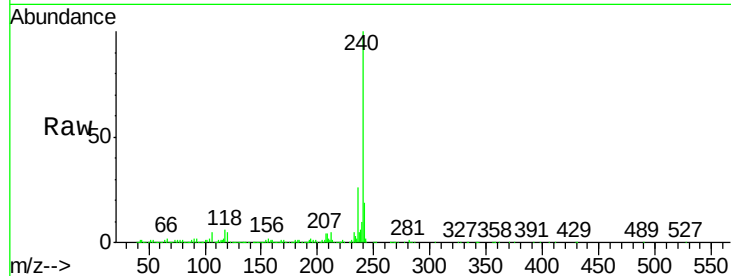
Tgt Ion:240 Resp: 595108

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

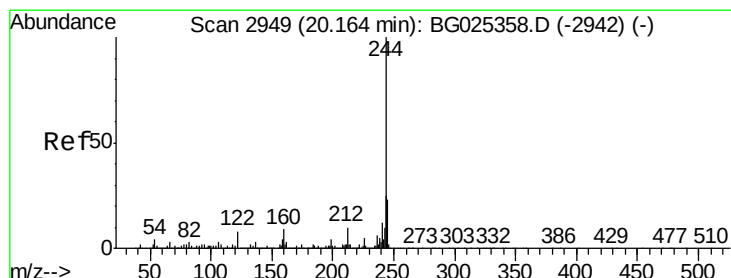
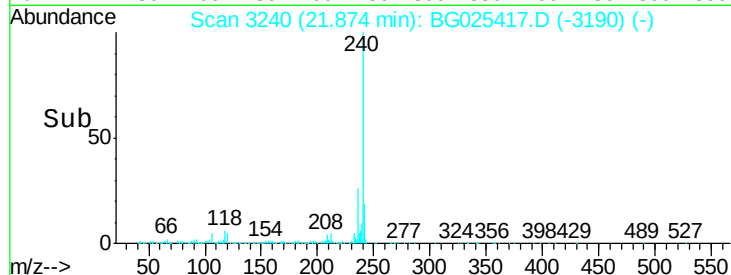
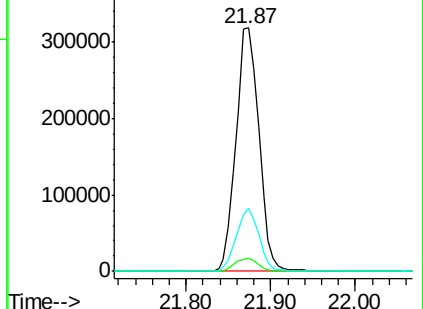
236 26.2 22.2 33.4



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: 94.29 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG025417.D

Acq: 30 Dec 2016 17:18

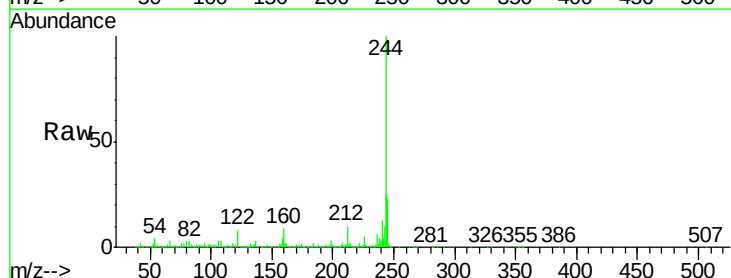
Tgt Ion:244 Resp: 2116216

Ion Ratio Lower Upper

244 100

212 9.8 10.0 15.0#

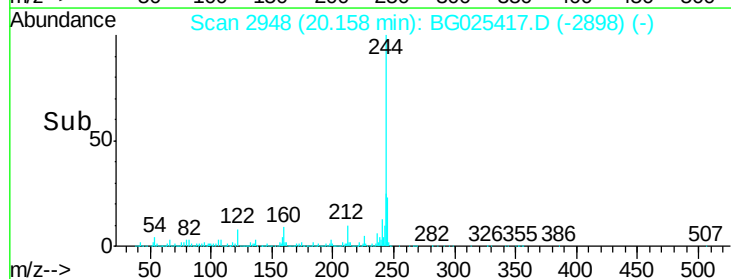
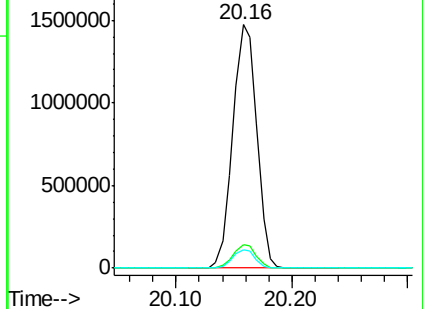
122 7.7 8.6 12.8#

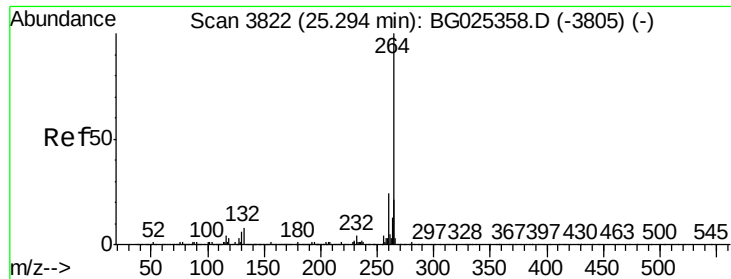


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3820
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:	264	Resp:	655464
Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	20.3	18.2	27.4

