

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011117\
 Data File : BG025474.D
 Acq On : 11 Jan 2017 15:21
 Operator : UM/SJ
 Sample : PB95912TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 18:31:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

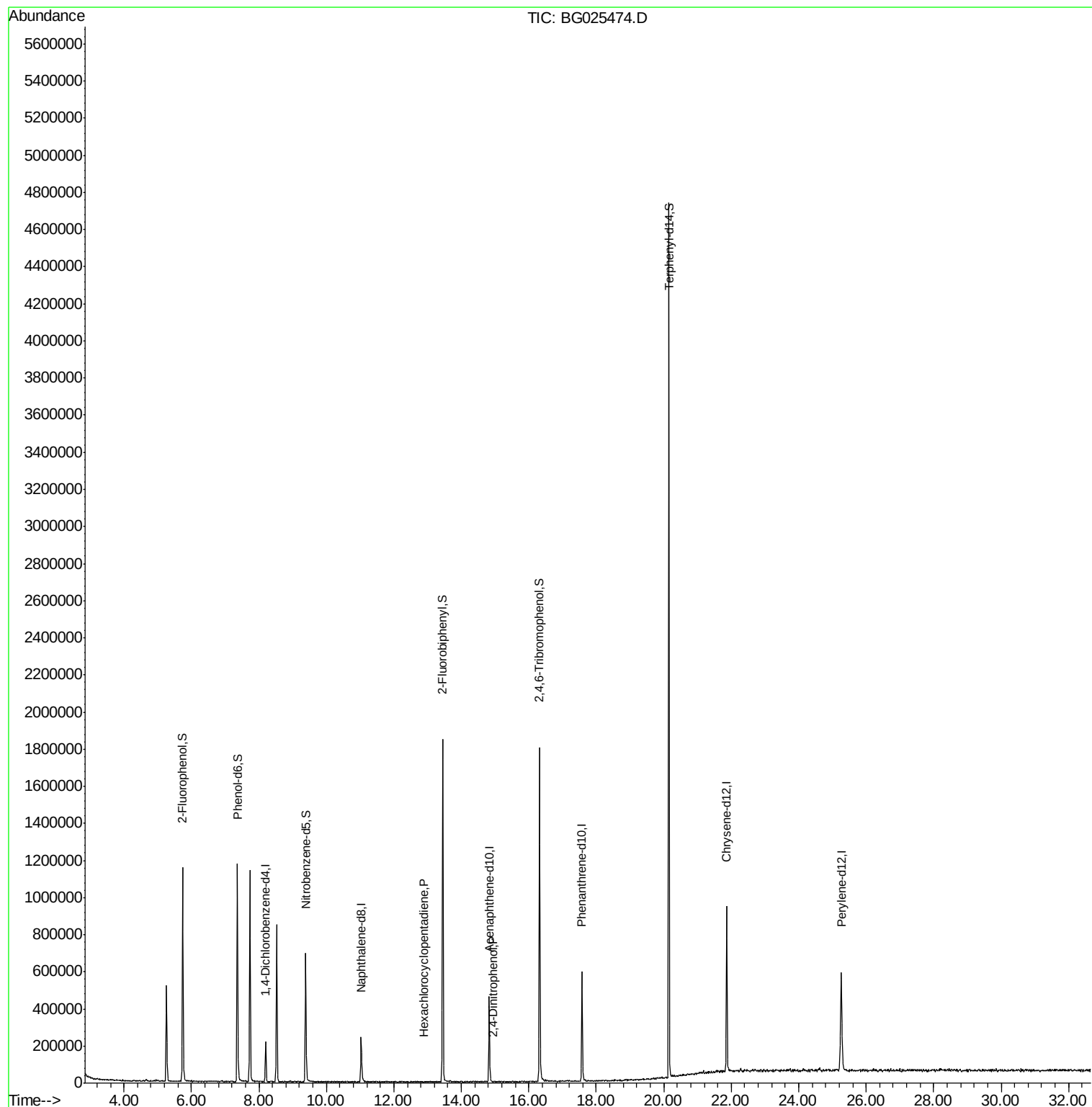
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	55096	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	214613	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	177333	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	417121	20.00	ng	0.00
75) Chrysene-d12	21.87	240	632652	20.00	ng	0.00
86) Perylene-d12	25.26	264	662195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	455352	150.23	ng	0.00
7) Phenol-d6	7.36	99	617885	144.74	ng	0.00
23) Nitrobenzene-d5	9.39	82	452976	93.24	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	391327	137.07	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	976853	89.18	ng	0.00
78) Terphenyl-d14	20.15	244	2040257	85.51	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.90	237	124	8.56	ng	# 29
53) 2,4-Dinitrophenol	14.94	184	58	5.11	ng	# 15

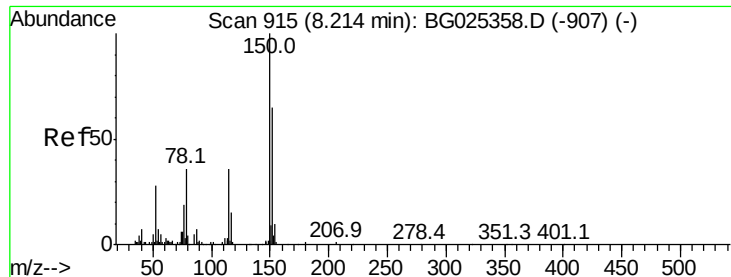
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011117\
Data File : BG025474.D
Acq On : 11 Jan 2017 15:21
Operator : UM/SJ
Sample : PB95912TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 11 18:31:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

Instrument :

BNA_G

ClientSampleId :

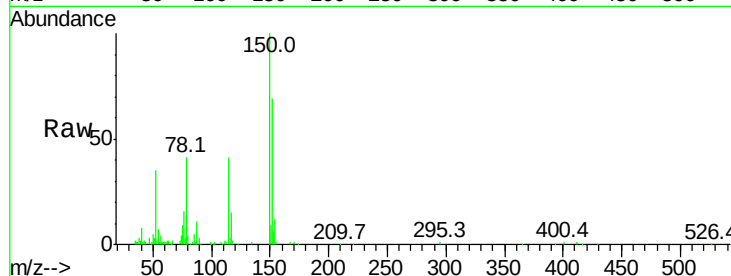
Tot Ion:152 Resp: 55096

Ion Ratio Lower Upper

152 100

150 144.7 114.0 171.0

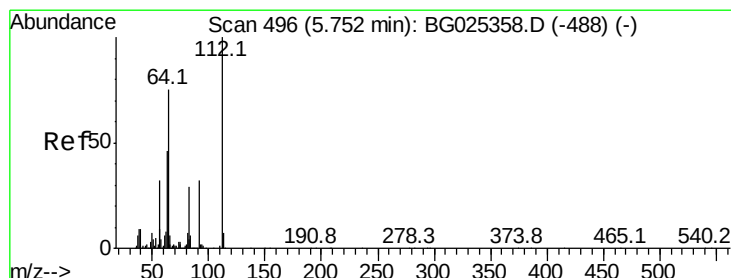
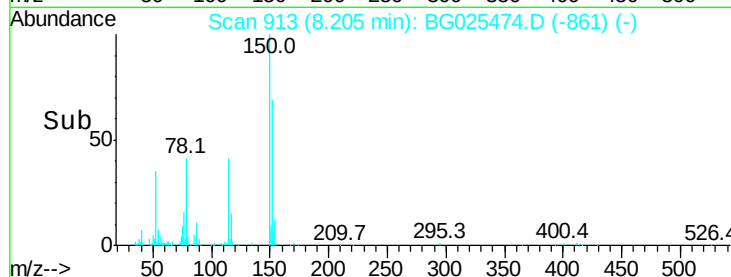
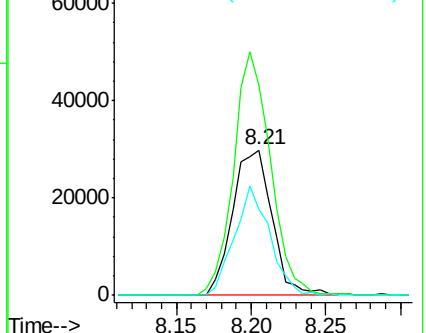
115 59.2 48.1 72.1



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: 150.23 ng

RT: 5.74 min Scan# 493

Delta R.T. 0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

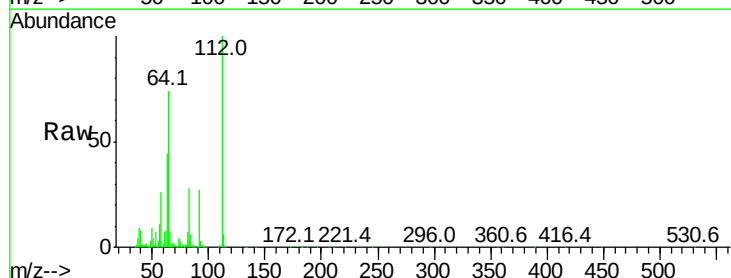
Tgt Ion:112 Resp: 455352

Ion Ratio Lower Upper

112 100

64 73.9 61.8 92.6

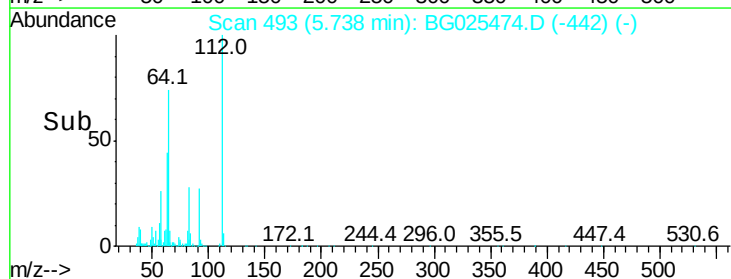
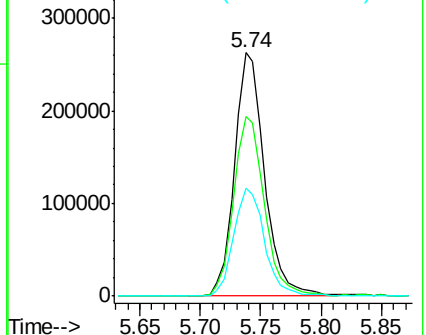
63 44.3 37.2 55.8

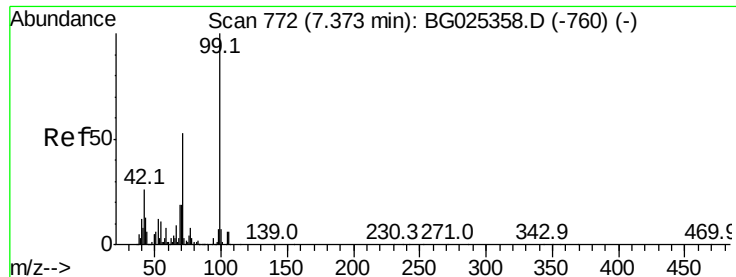


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 144.74 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

Instrument :

BNA_G

ClientSampleId :

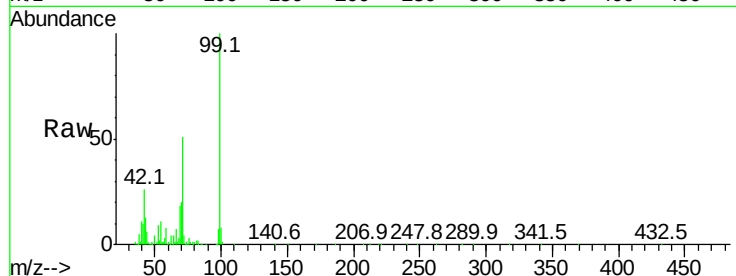
Tot Ion: 99 Resp: 617885

Ion Ratio Lower Upper

99 100

42 26.2 20.5 30.7

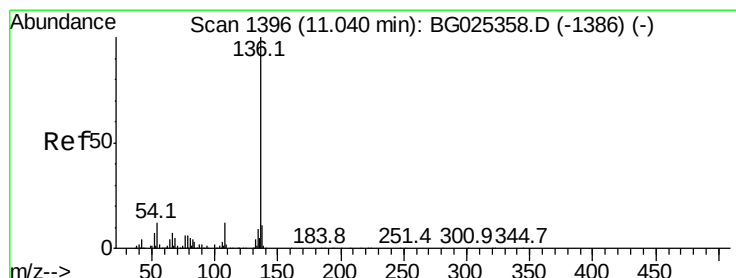
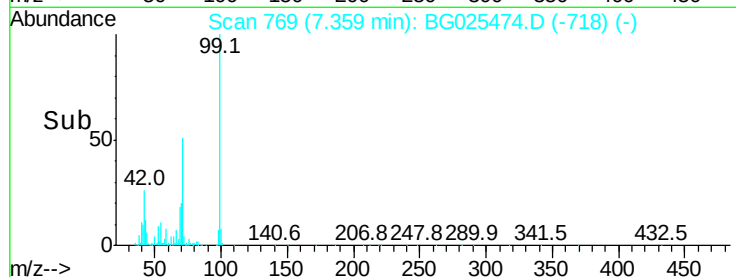
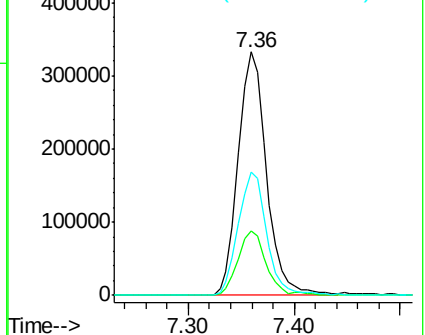
71 50.5 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

Tgt Ion: 136 Resp: 214613

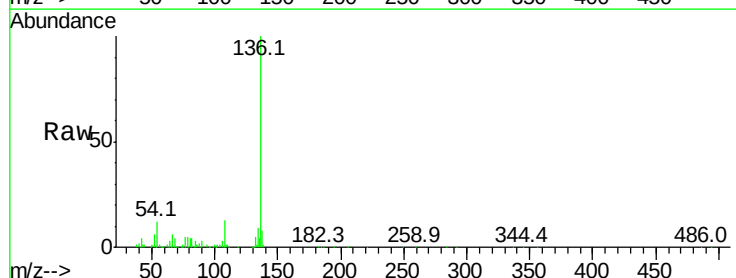
Ion Ratio Lower Upper

136 100

137 7.8 8.9 13.3#

54 11.7 9.3 13.9

68 4.2 5.1 7.7#

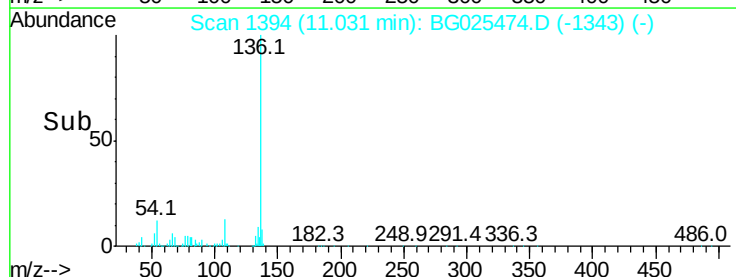
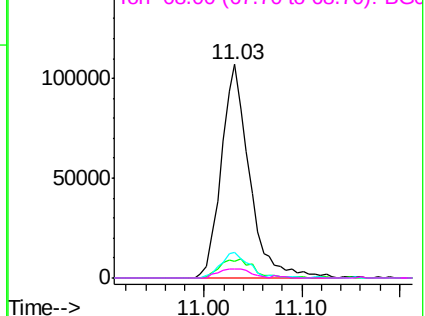


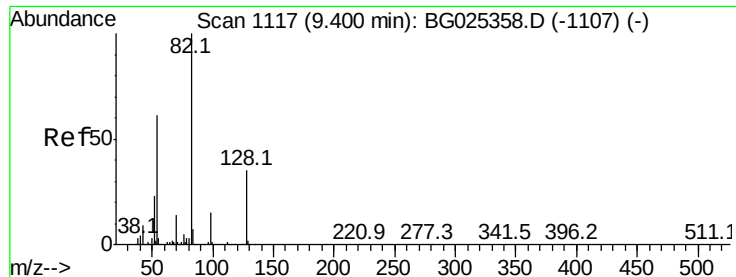
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 93.24 ng

RT: 9.39 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

Instrument :

BNA_G

ClientSampleId :

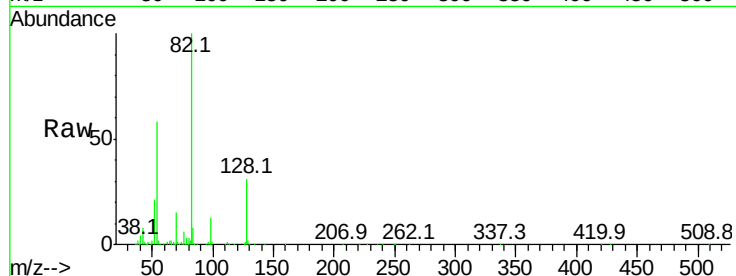
Tot Ion: 82 Resp: 452976

Ion Ratio Lower Upper

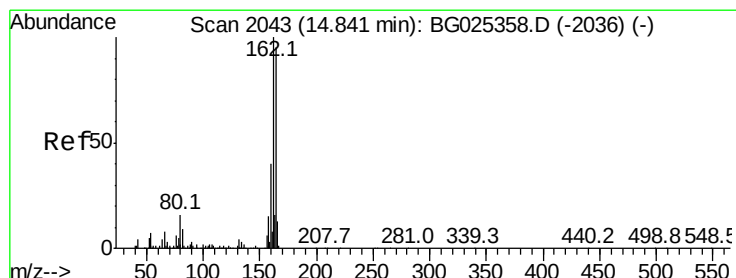
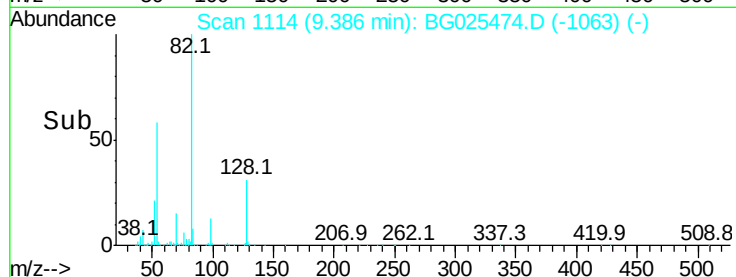
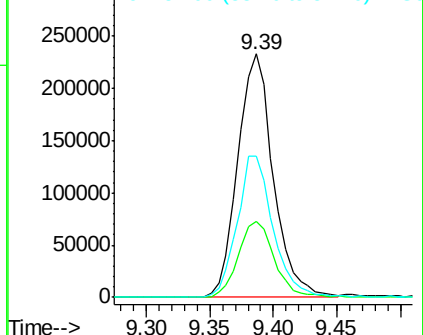
82 100

128 31.3 26.4 39.6

54 58.0 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# 2040

Delta R.T. 0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

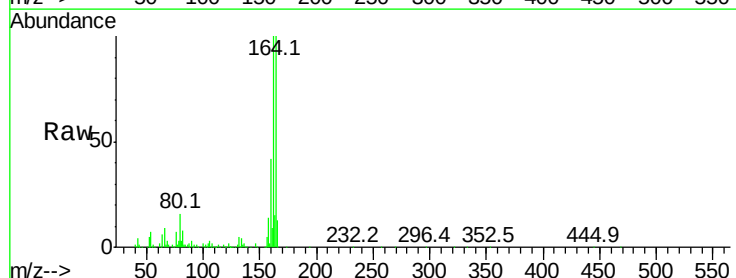
Tgt Ion: 164 Resp: 177333

Ion Ratio Lower Upper

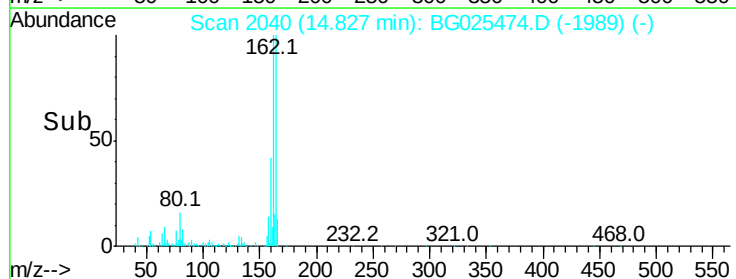
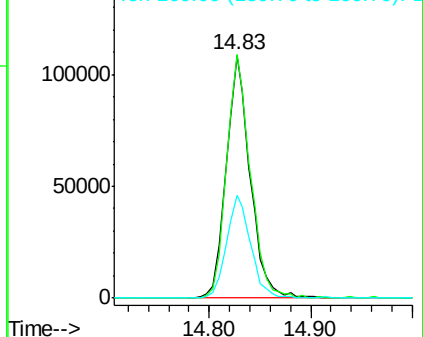
164 100

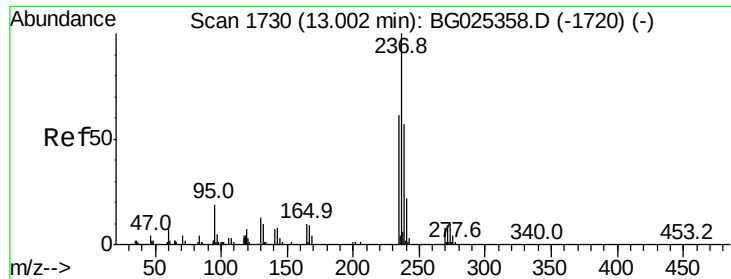
162 100.4 85.1 127.7

160 42.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

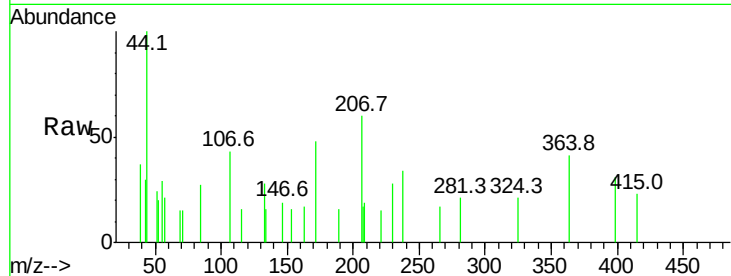




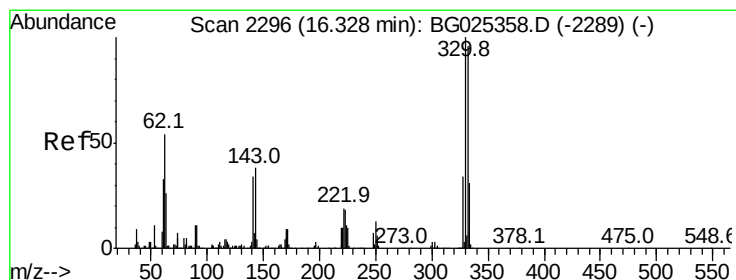
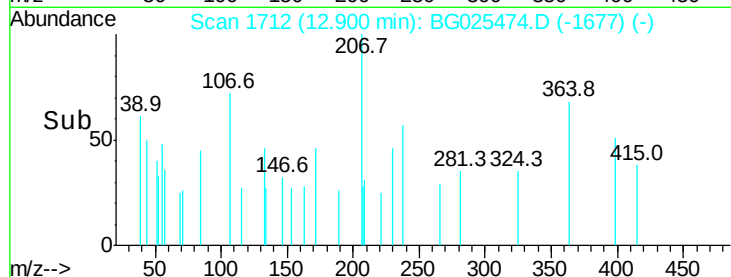
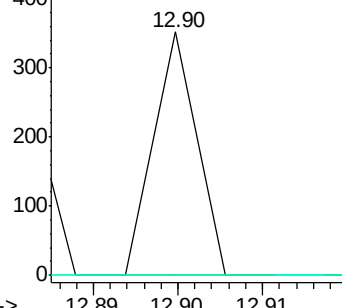
#40
Hexachlorocyclopentadiene
Concen: 8.56 ng
RT: 12.90 min Scan# 1712
Delta R.T. -0.09 min
Lab File: BG025474.D
Acq: 11 Jan 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 124
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

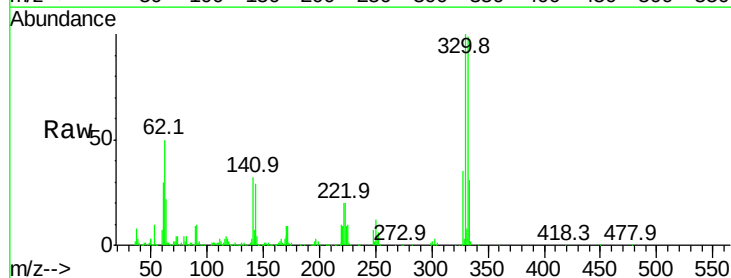


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

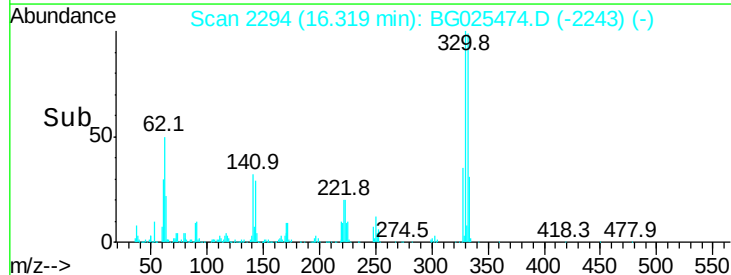
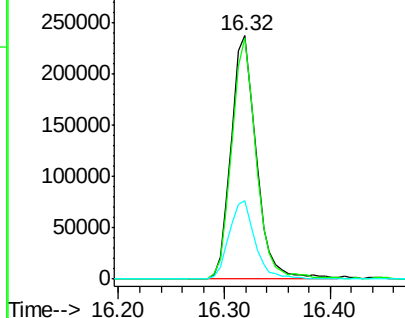


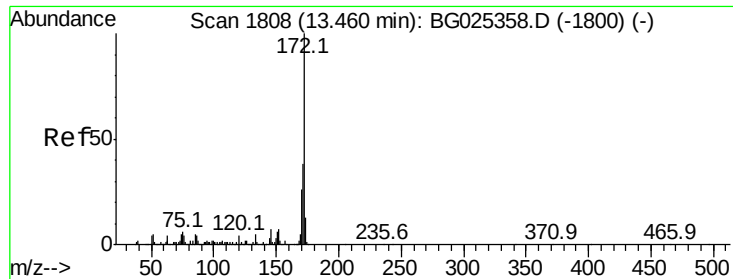
#41
2,4,6-Tribromophenol
Concen: 137.07 ng
RT: 16.32 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG025474.D
Acq: 11 Jan 2017 15:21

Tgt Ion:330 Resp: 391327
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.1 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: 89.18 ng

RT: 13.45 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

Instrument :

BNA_G

ClientSampleId :

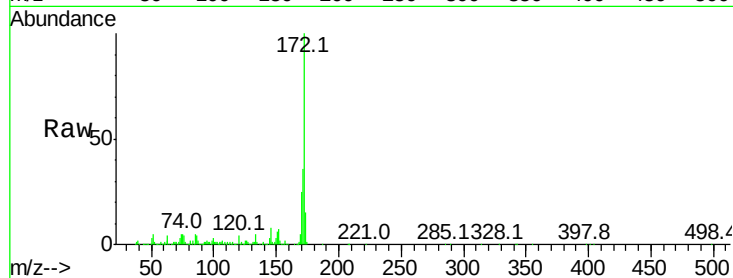
Tot Ion:172 Resp: 976853

Ion Ratio Lower Upper

172 100

171 35.9 32.2 48.2

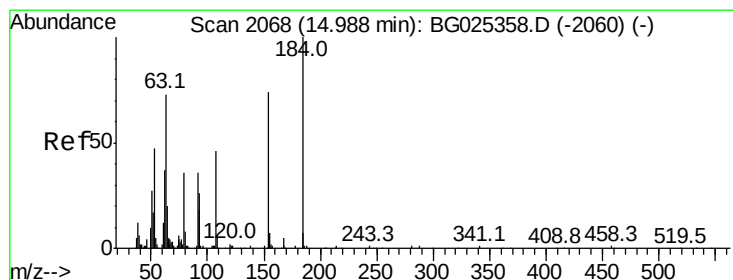
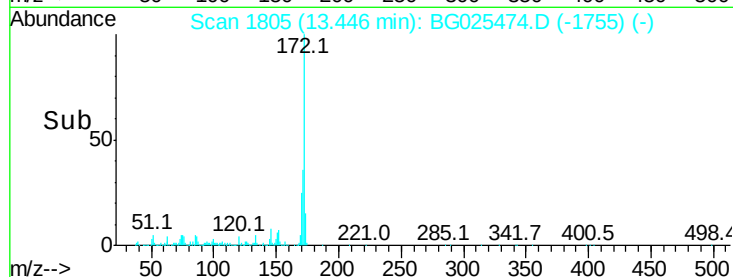
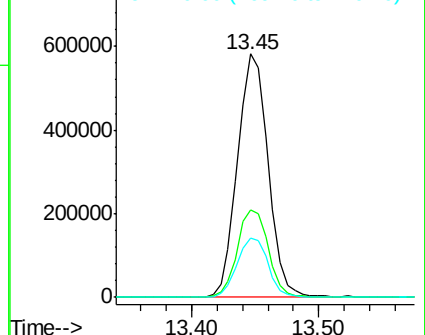
170 24.6 21.8 32.6



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: 5.11 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.03 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

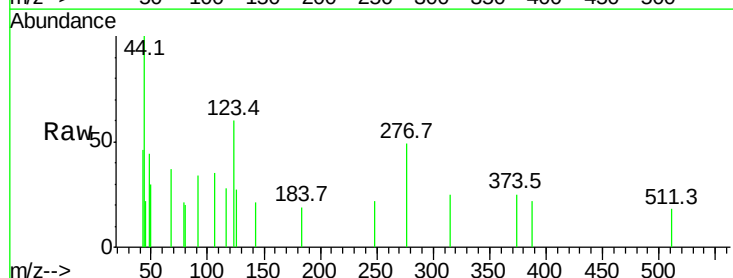
Tgt Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

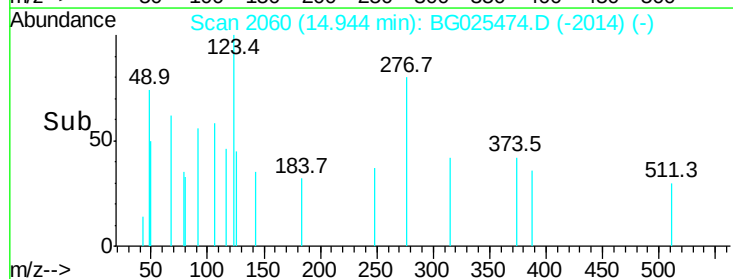
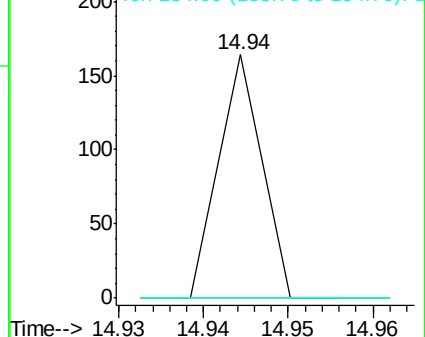
154 0.0 57.3 85.9#

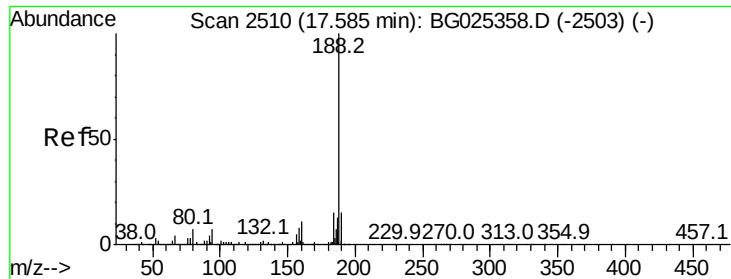


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

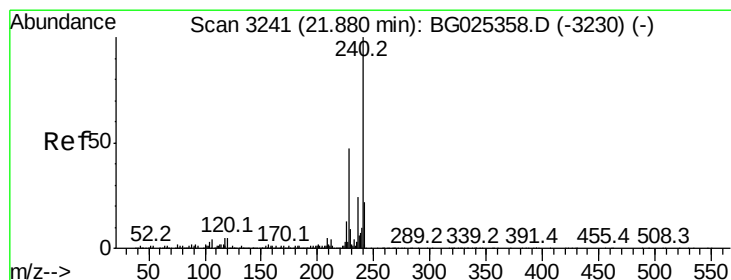
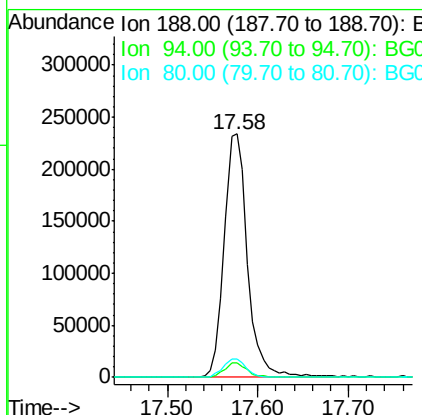
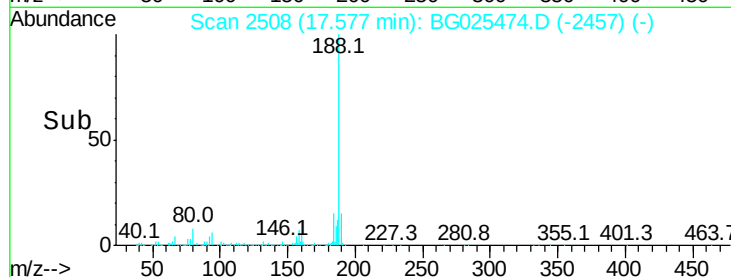
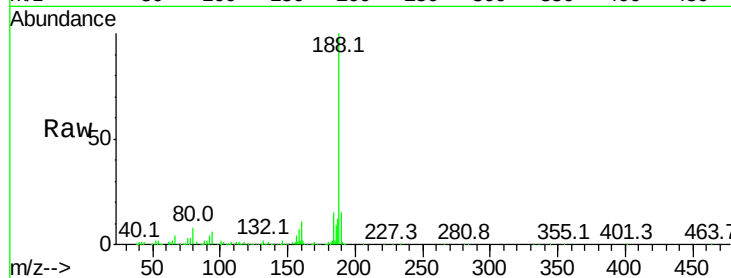




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025474.D
Acq: 11 Jan 2017 15:21

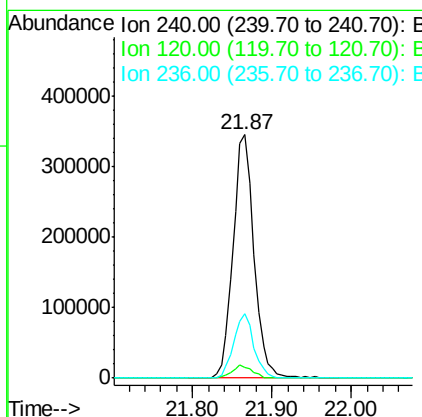
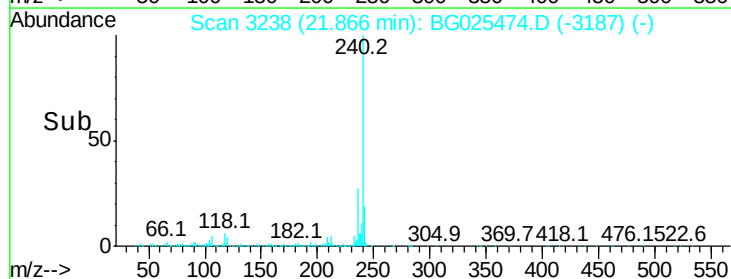
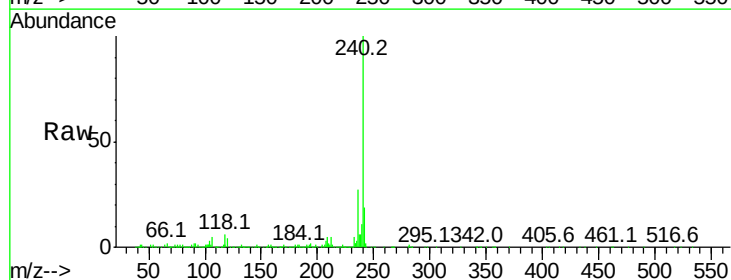
Instrument :
BNA_G
ClientSampleId :

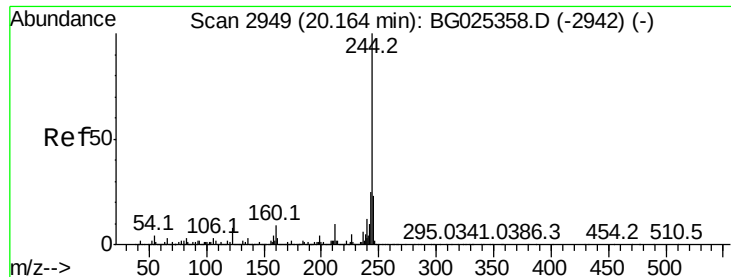
Tot Ion:188 Resp: 417121
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025474.D
Acq: 11 Jan 2017 15:21

Tgt Ion:240 Resp: 632652
Ion Ratio Lower Upper
240 100
120 4.4 5.7 8.5#
236 26.7 22.2 33.4





#78

Terphenyl-d14

Concen: 85.51 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

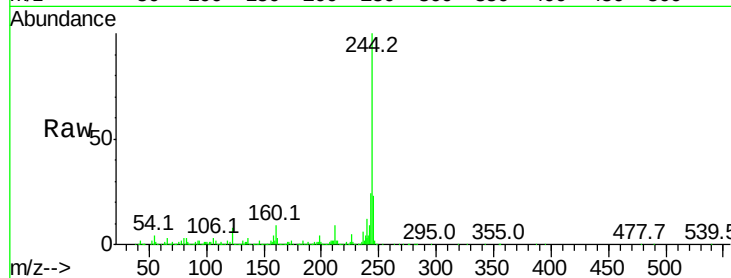
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2040257

Ion	Ratio	Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	8.3	8.6	12.8#

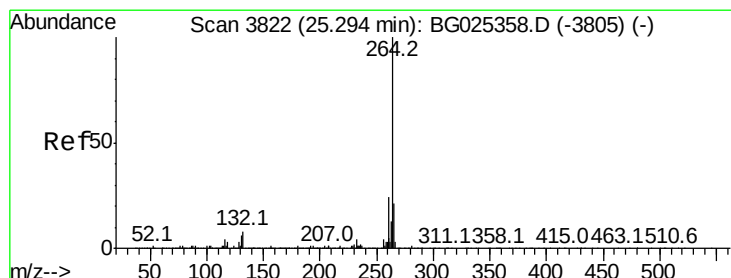
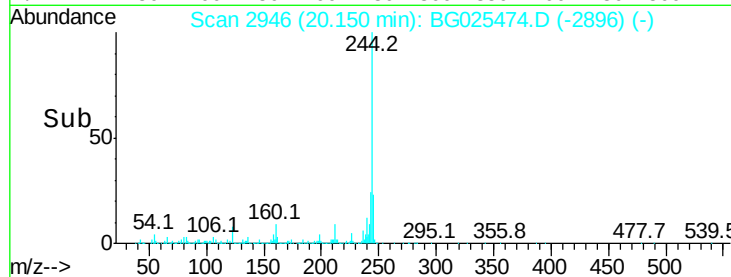
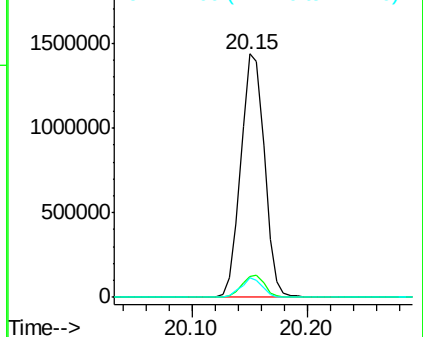


Abundance

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: 25.26 min Scan# 3816

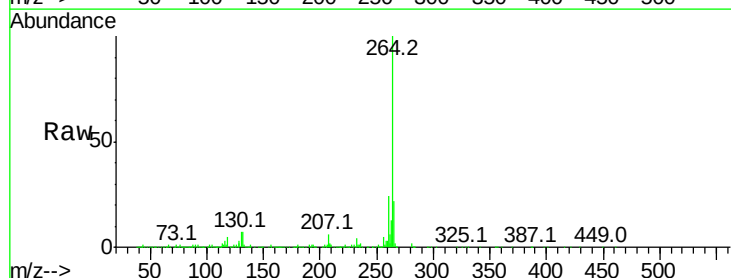
Delta R.T. -0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

Tgt Ion:264 Resp: 662195

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	22.3	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

