

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
 Data File : BG025570.D
 Acq On : 21 Jan 2017 12:43
 Operator : UM/SJ
 Sample : I1267-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-19

Quant Time: Jan 23 00:55:55 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

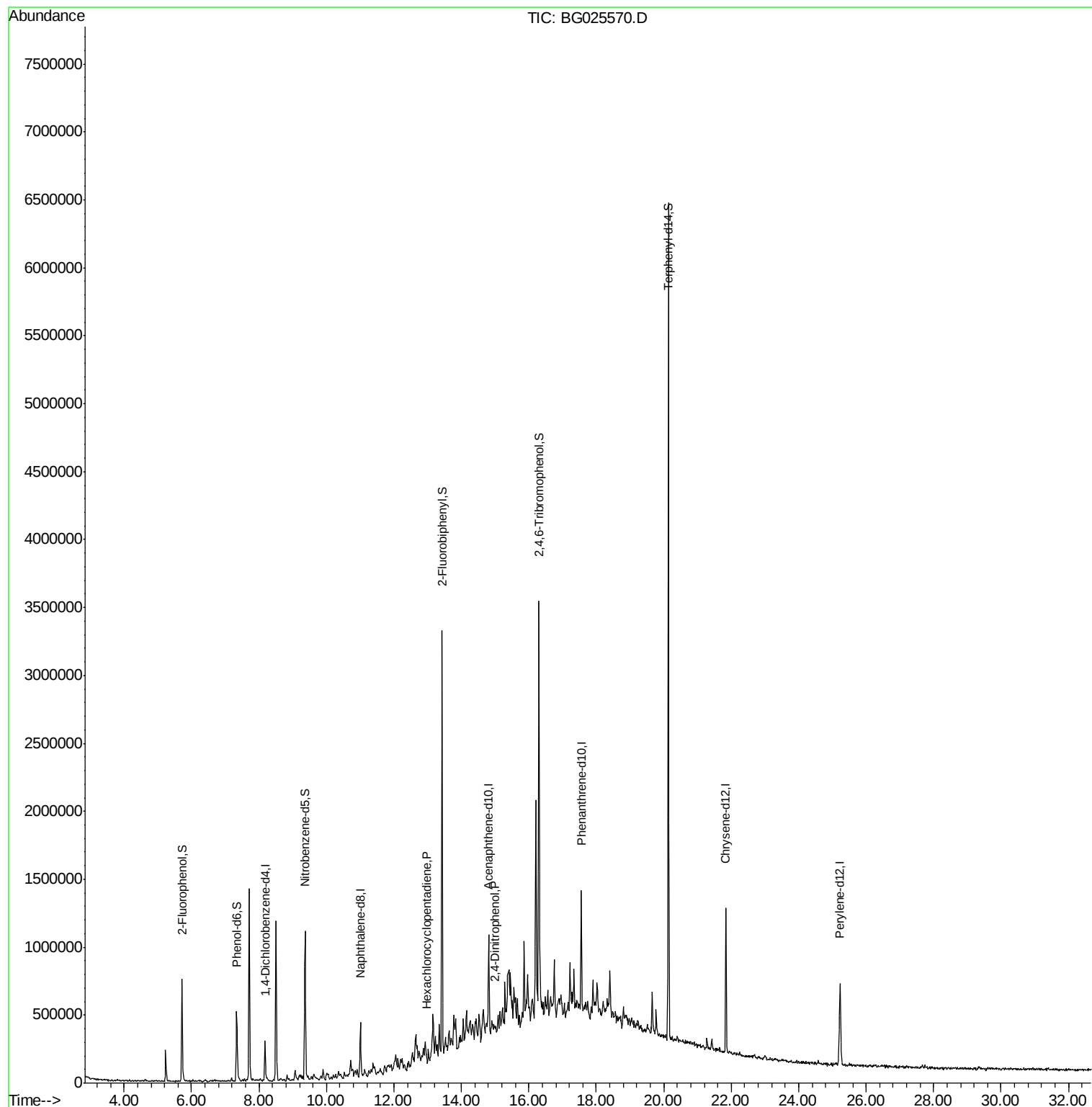
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	71997	20.00	ng	-0.02
21) Naphthalene-d8	11.00	136	286496	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	247086	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	513206	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	719337	20.00	ng	-0.02
86) Perylene-d12	25.23	264	741067	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	304528	76.88	ng	-0.02
7) Phenol-d6	7.34	99	283615	50.84	ng	-0.01
23) Nitrobenzene-d5	9.37	82	705827	108.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	582859	146.52	ng	-0.01
44) 2-Fluorobiphenyl	13.43	172	1434231	93.98	ng	-0.02
78) Terphenyl-d14	20.14	244	2552487	94.08	ng	-0.02
Target Compounds						
40) Hexachlorocyclopentadiene	12.96	237	114	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.98	184	852	5.39	ng	# 14

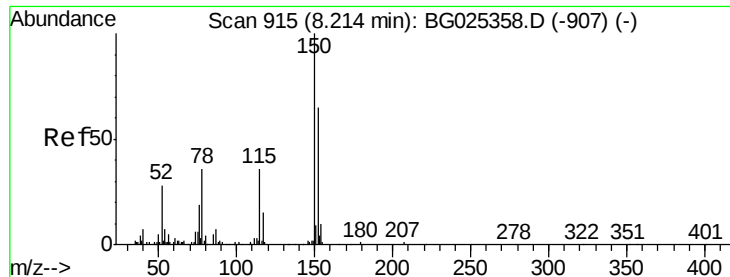
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-19

Quant Time: Jan 23 00:55:55 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: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

Instrument :

BNA_G

ClientSampleId :

MW-19

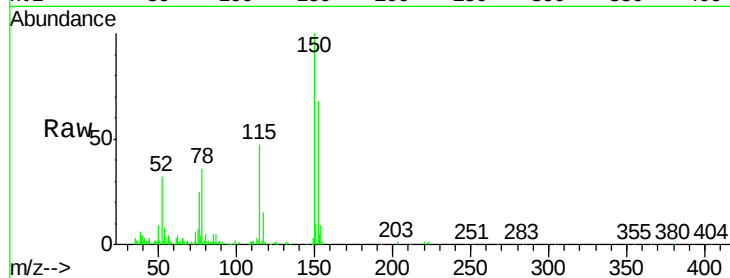
Tgt Ion:152 Resp: 71997

Ion Ratio Lower Upper

152 100

150 148.1 114.0 171.0

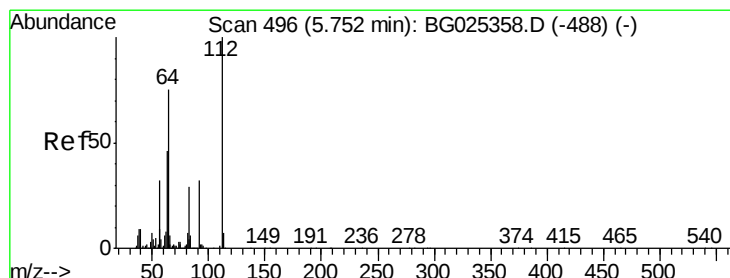
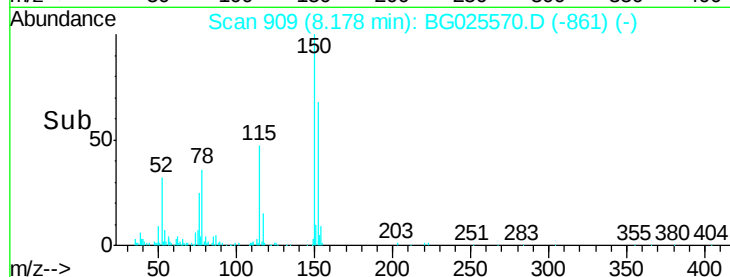
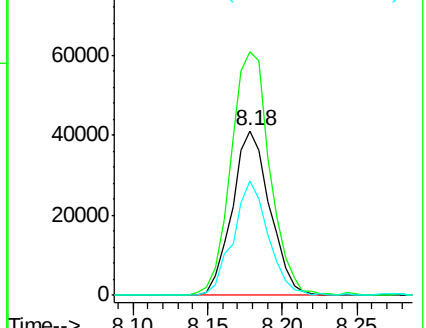
115 69.5 48.1 72.1



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: 76.88 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

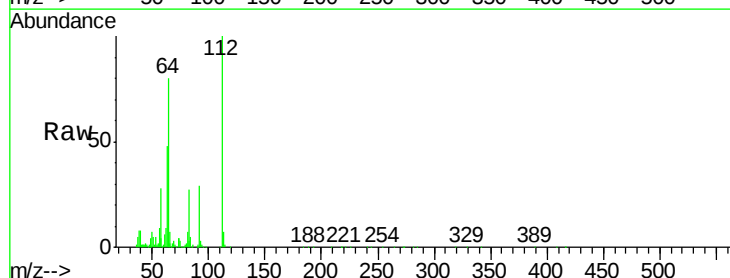
Tgt Ion:112 Resp: 304528

Ion Ratio Lower Upper

112 100

64 80.1 61.8 92.6

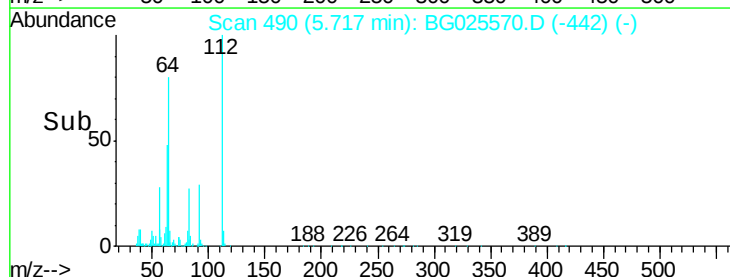
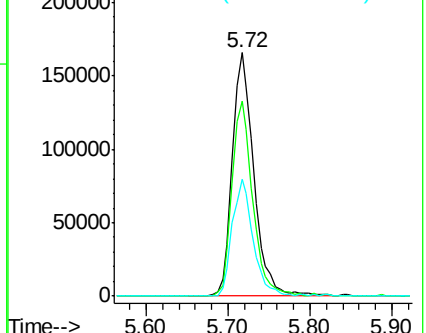
63 48.2 37.2 55.8

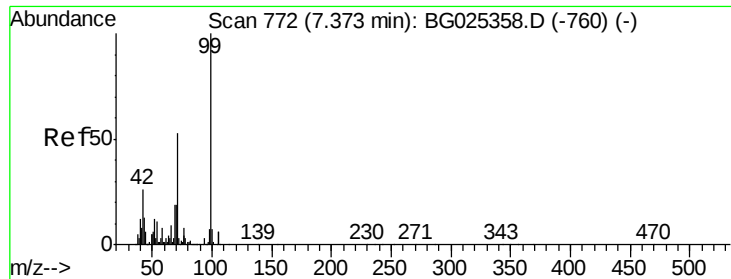


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.84 ng

RT: 7.34 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

Instrument :

BNA_G

ClientSampleId :

MW-19

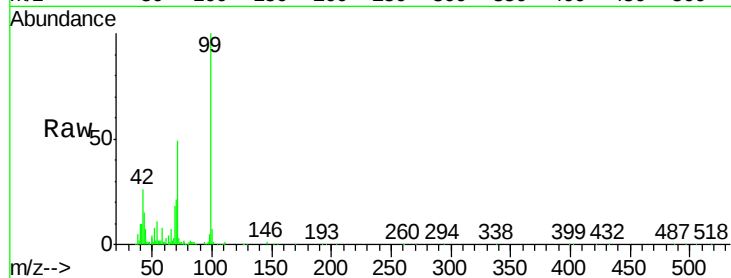
Tgt Ion: 99 Resp: 283615

Ion Ratio Lower Upper

99 100

42 26.2 20.5 30.7

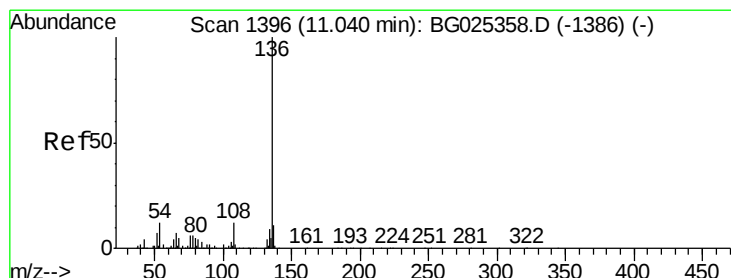
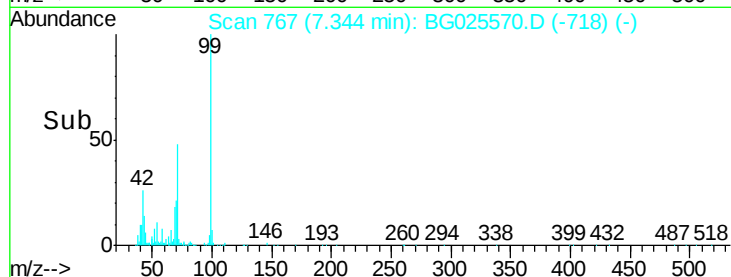
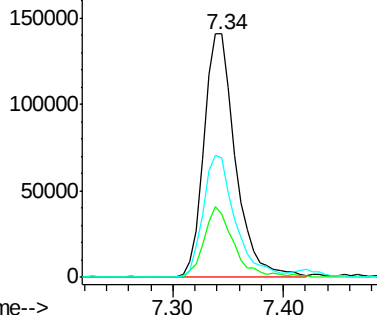
71 49.0 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

Tgt Ion: 136 Resp: 286496

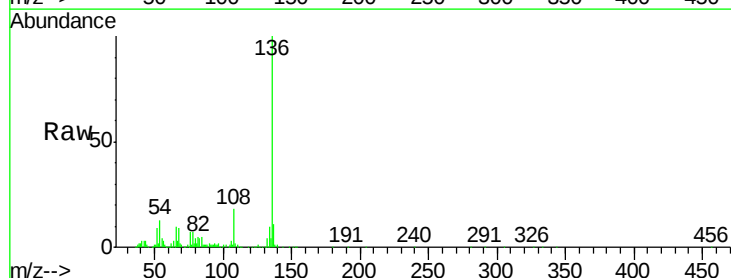
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 12.5 9.3 13.9

68 9.2 5.1 7.7#

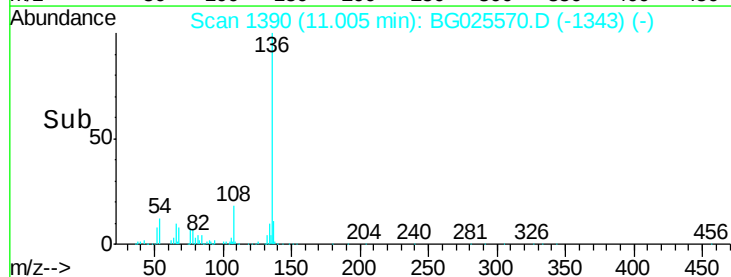
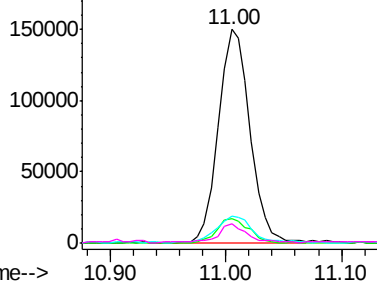


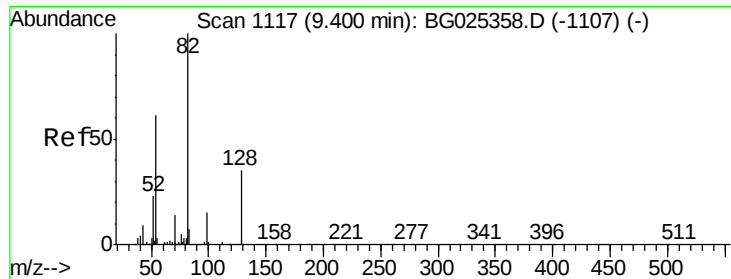
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

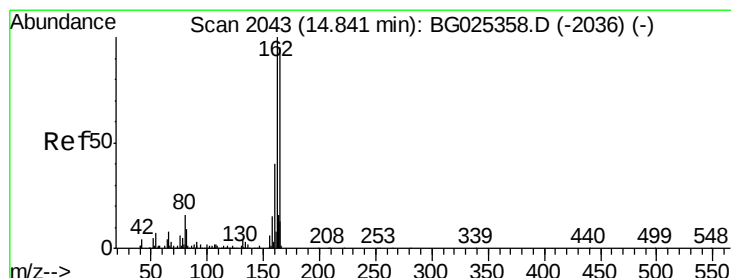
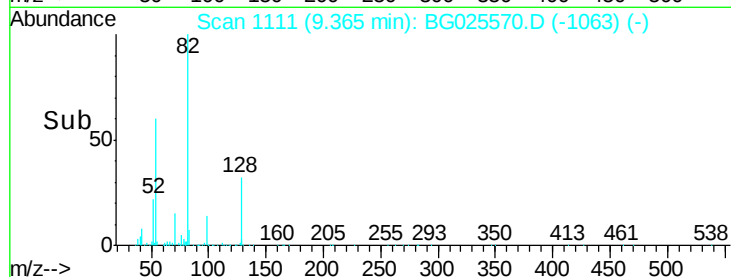
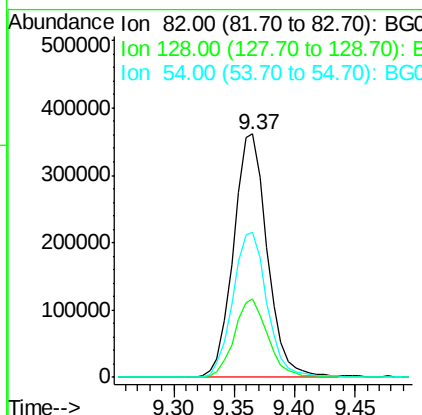
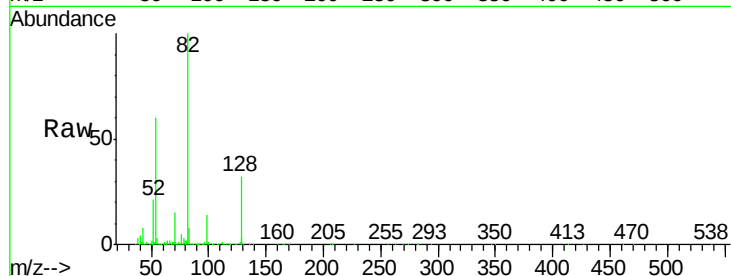




#23
 Nitrobenzene-d5
 Concen: 108.84 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BG025570.D
 Acq: 21 Jan 2017 12:43

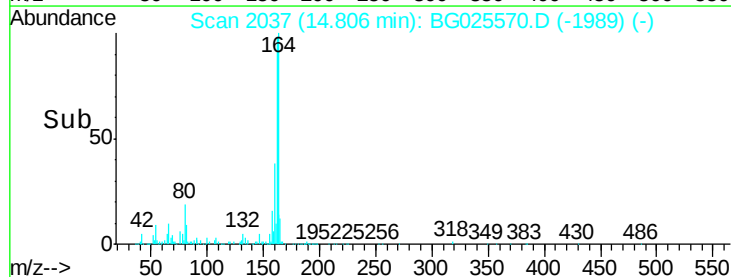
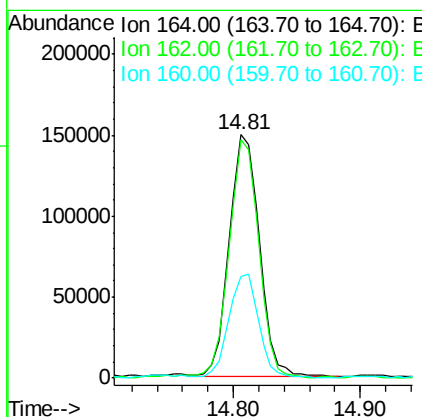
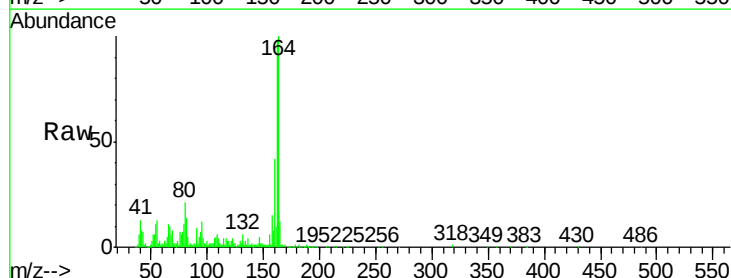
Instrument :
 BNA_G
 ClientSampleId :
 MW-19

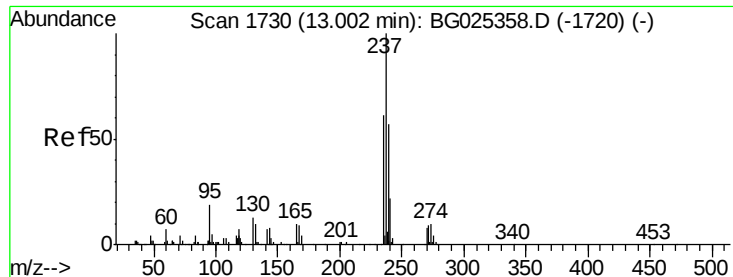
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.1	26.4	39.6
54	59.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BG025570.D
 Acq: 21 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	85.1	127.7
160	41.7	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 12.96 min Scan# 1723

Delta R.T. -0.03 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

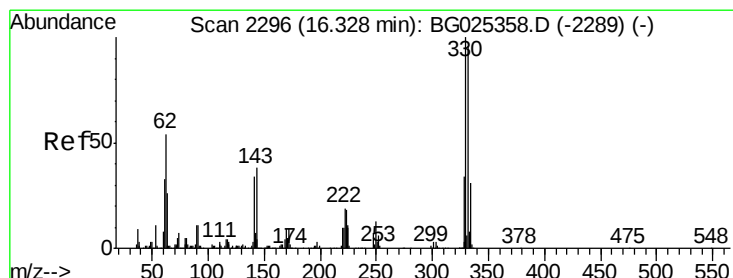
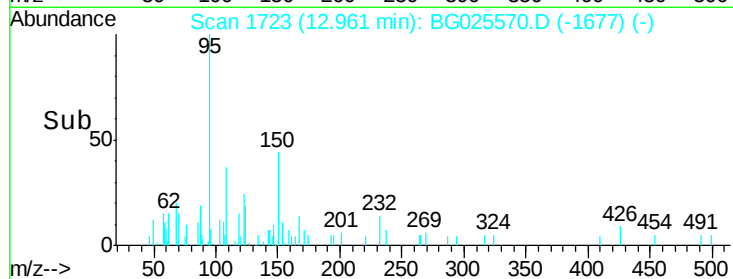
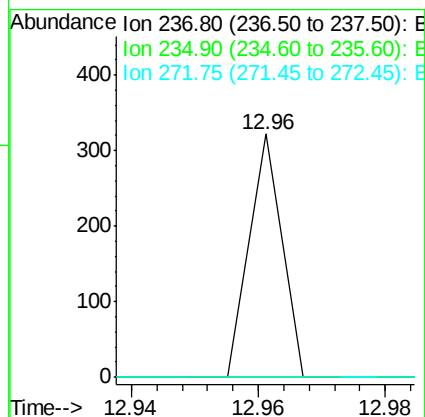
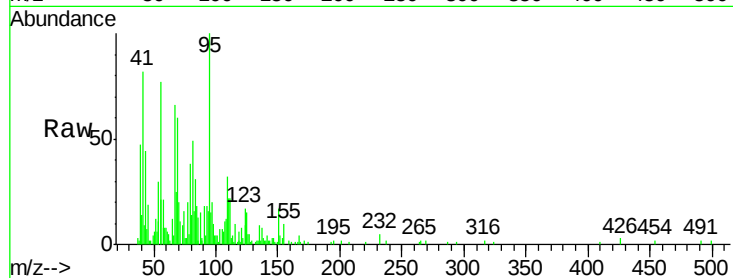
Instrument :

BNA_G

ClientSampleId :

MW-19

Tgt Ion:	237	Resp:	114
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



#41

2,4,6-Tribromophenol

Concen: 146.52 ng

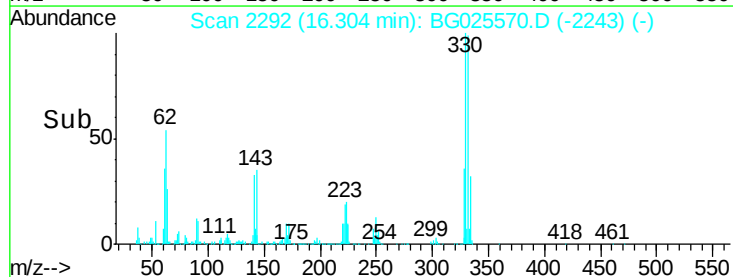
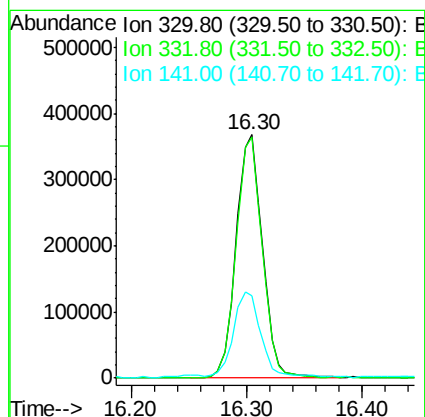
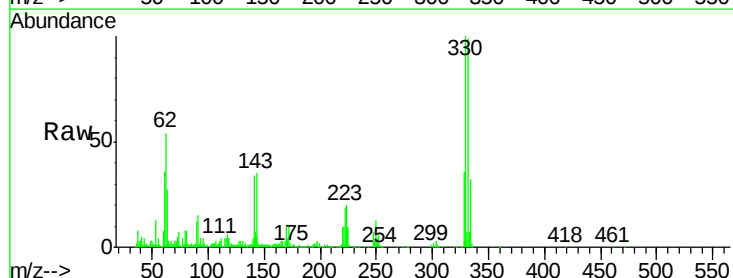
RT: 16.30 min Scan# 2292

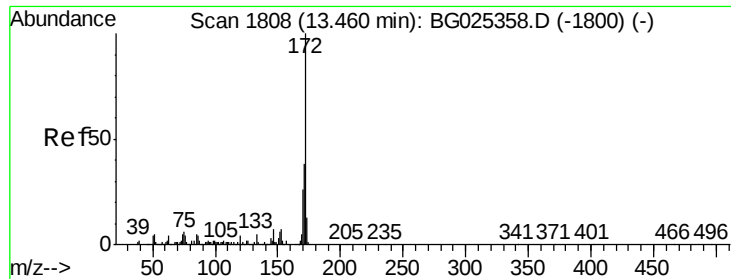
Delta R.T. -0.01 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

Tgt Ion:	330	Resp:	582859
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	36.5	32.1	48.1





#44

2-Fluorobiphenyl

Concen: 93.98 ng

RT: 13.43 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

Instrument :

BNA_G

ClientSampleId :

MW-19

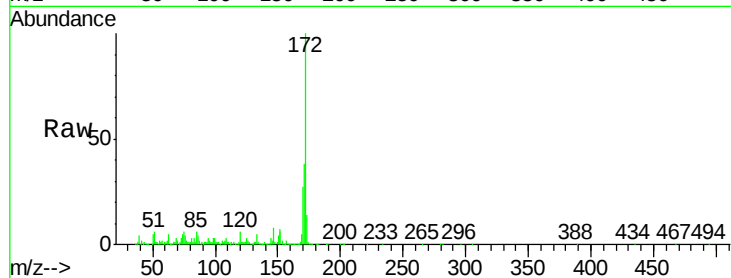
Tgt Ion:172 Resp: 1434231

Ion Ratio Lower Upper

172 100

171 37.5 32.2 48.2

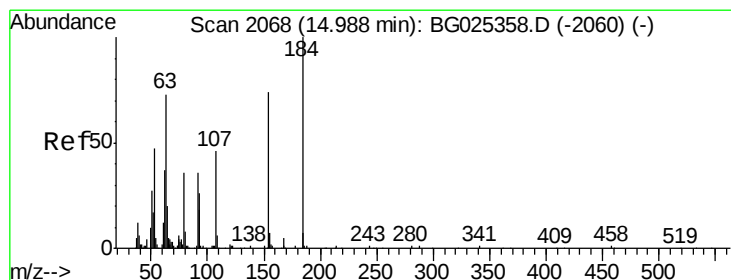
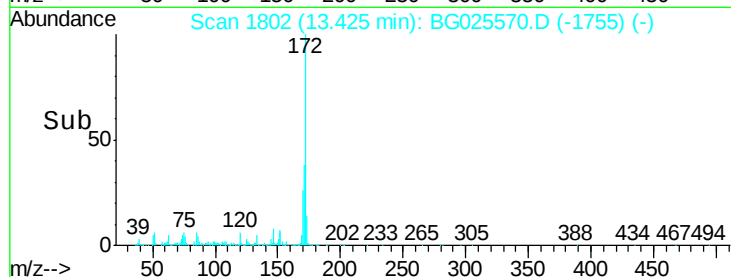
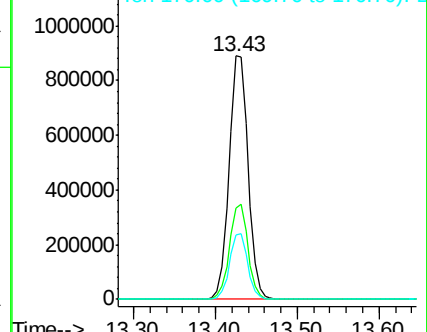
170 26.5 21.8 32.6



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: 5.39 ng

RT: 14.98 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

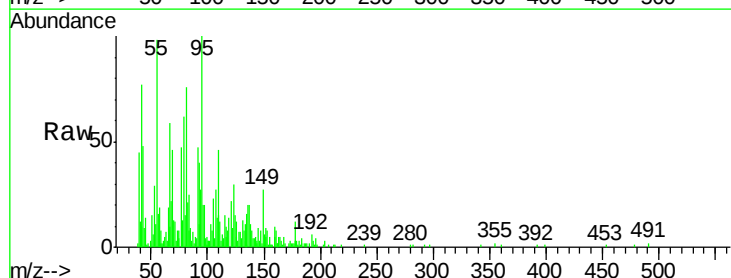
Tgt Ion:184 Resp: 852

Ion Ratio Lower Upper

184 100

63 155.7 52.7 79.1#

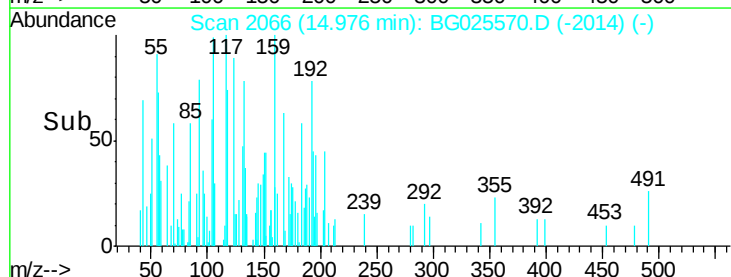
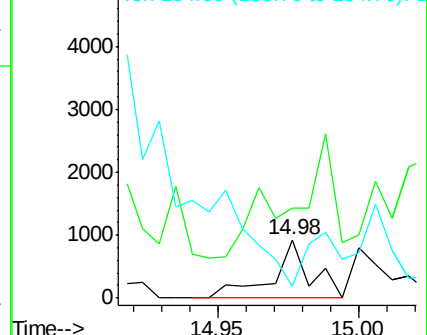
154 20.7 57.3 85.9#

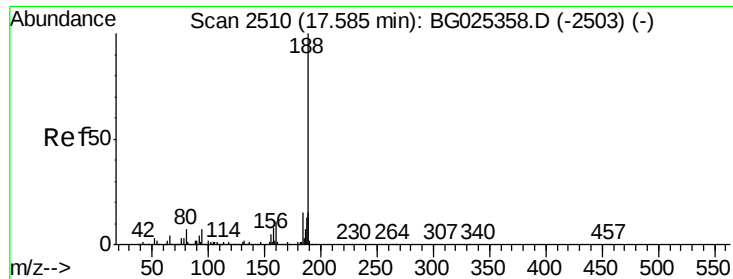


Abundance Ion 184.00 (183.70 to 184.70): E

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: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

Instrument :

BNA_G

ClientSampleId :

MW-19

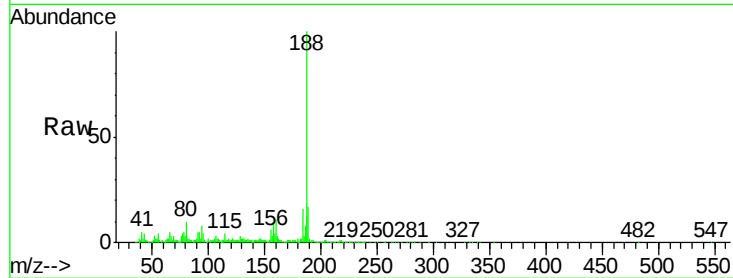
Tgt Ion:188 Resp: 513206

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

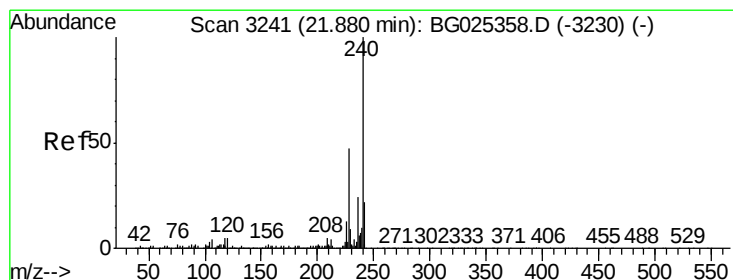
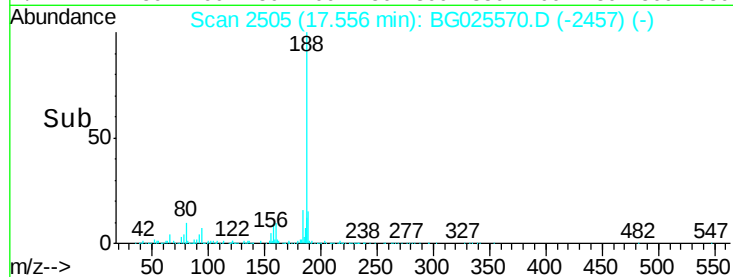
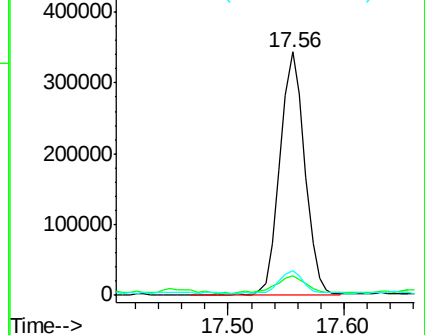
80 10.4 7.5 11.3



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: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

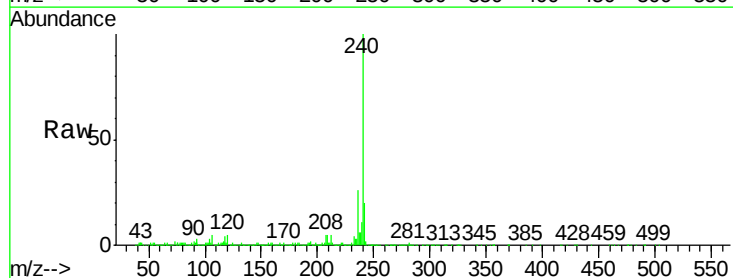
Tgt Ion:240 Resp: 719337

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

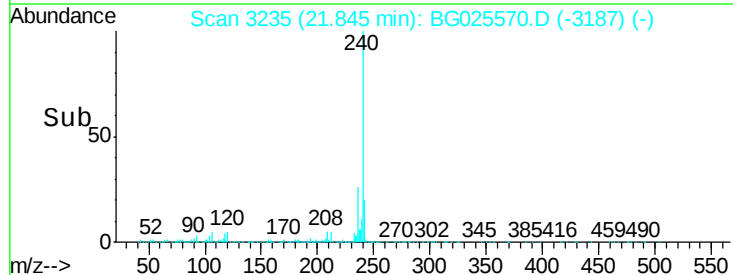
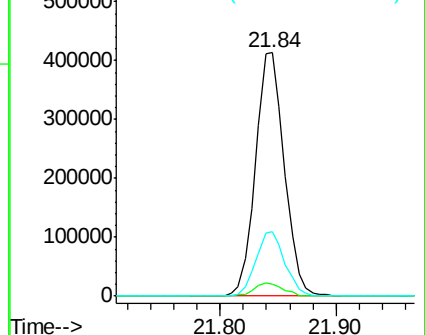
236 26.3 22.2 33.4

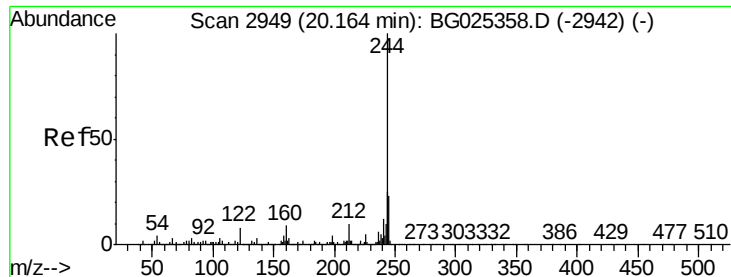


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.08 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

Instrument :

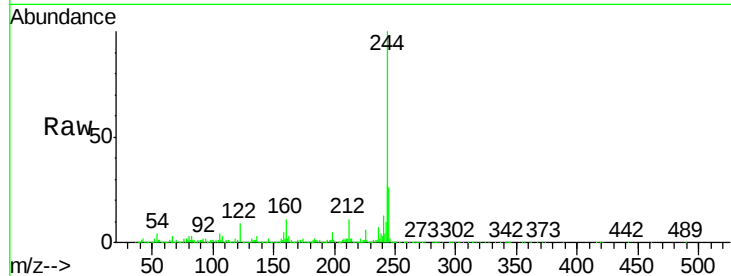
BNA_G

ClientSampleId :

MW-19

Tgt Ion:244 Resp: 2552487

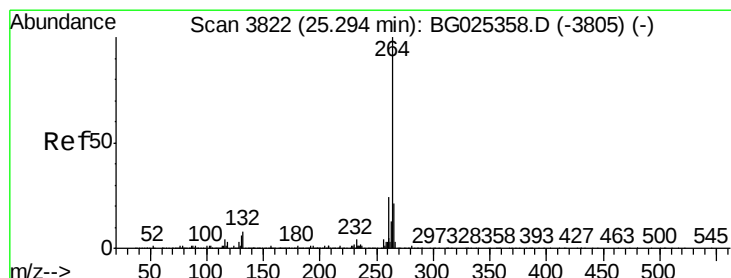
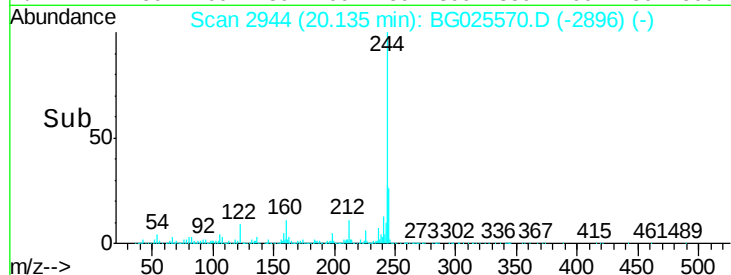
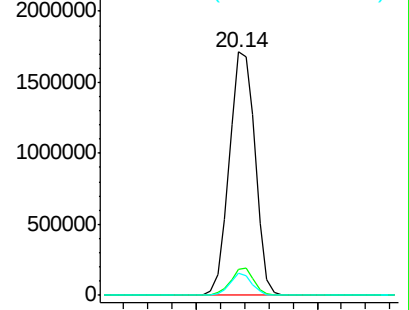
Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.0	15.0
122	9.1	8.6	12.8



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: 25.23 min Scan# 3811

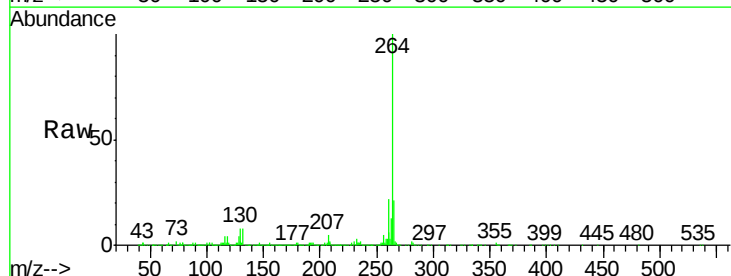
Delta R.T. -0.04 min

Lab File: BG025570.D

Acq: 21 Jan 2017 12:43

Tgt Ion:264 Resp: 741067

Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	21.3	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

