

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
 Data File : BG025492.D
 Acq On : 12 Jan 2017 21:34
 Operator : UM/SJ
 Sample : I1125-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-33

Quant Time: Jan 13 01:21:34 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

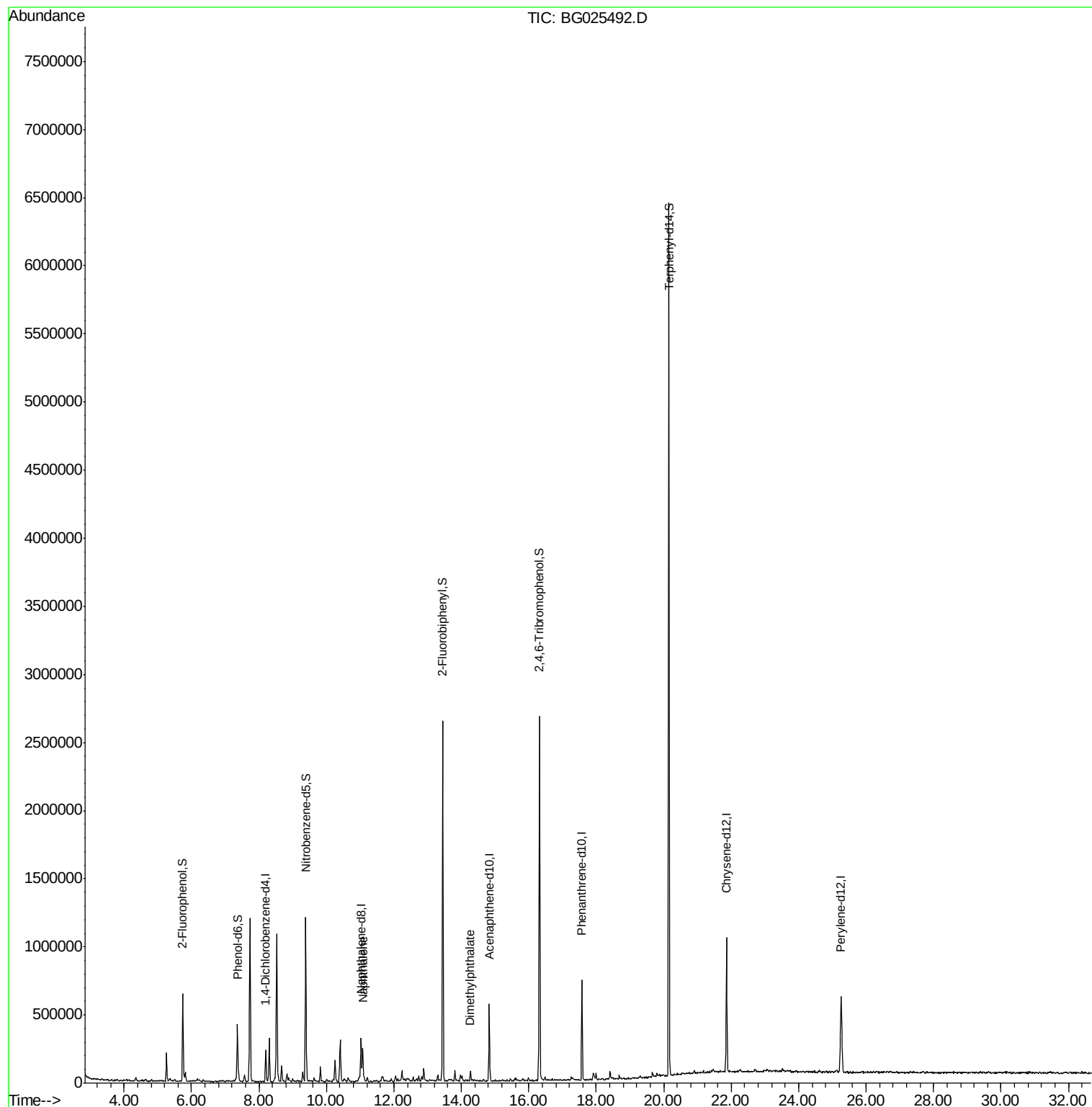
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	58926	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	241605	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	192222	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	455046	20.00	ng	0.00
75) Chrysene-d12	21.86	240	658387	20.00	ng	0.00
86) Perylene-d12	25.26	264	689056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	264759	81.67	ng	0.00
7) Phenol-d6	7.36	99	233504	51.14	ng	0.00
23) Nitrobenzene-d5	9.38	82	607943	111.16	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	535159	172.93	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1299077	109.41	ng	0.00
78) Terphenyl-d14	20.15	244	2551221	102.74	ng	0.00
Target Compounds						
31) Naphthalene	11.08	128	192936	15.99	ng	Qvalue 96
49) Dimethylphthalate	14.27	163	46045	3.29	ng	# 93

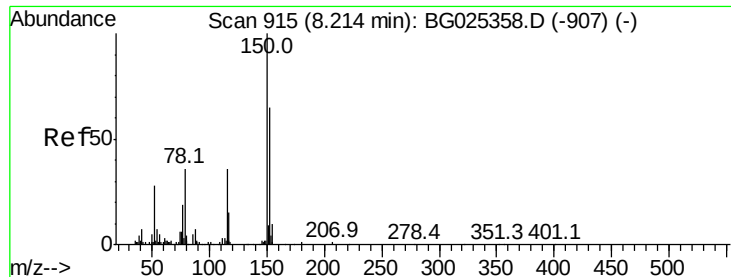
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG025492.D

Acq: 12 Jan 2017 21:34

Instrument :

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ClientSampleId :

W-33

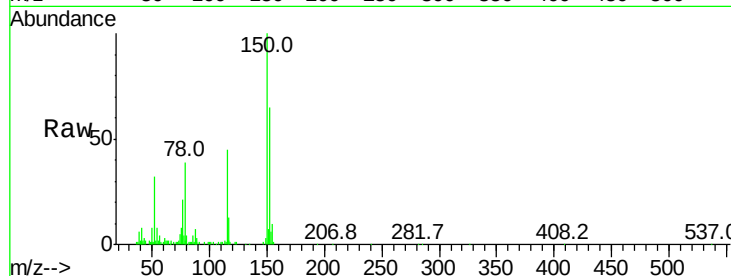
Tot Ion:152 Resp: 58926

Ion Ratio Lower Upper

152 100

150 154.9 114.0 171.0

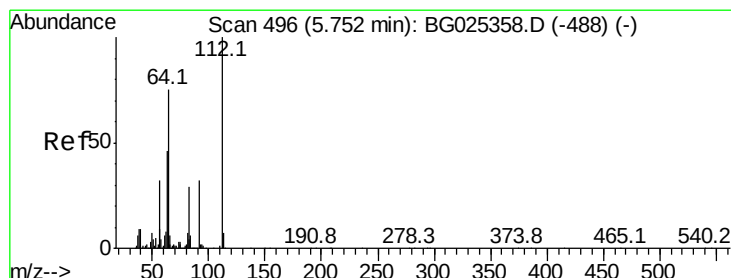
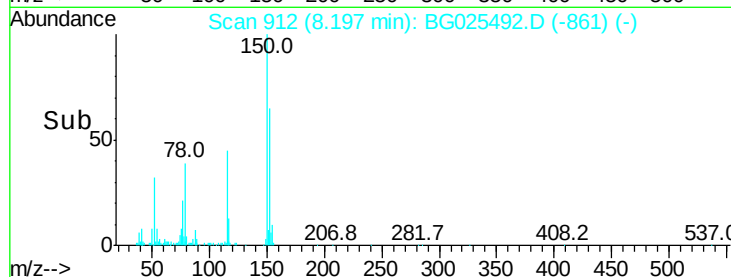
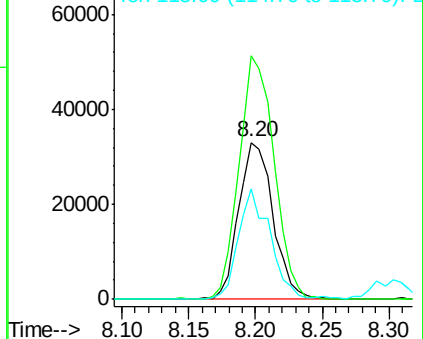
115 70.4 48.1 72.1



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: 81.67 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025492.D

Acq: 12 Jan 2017 21:34

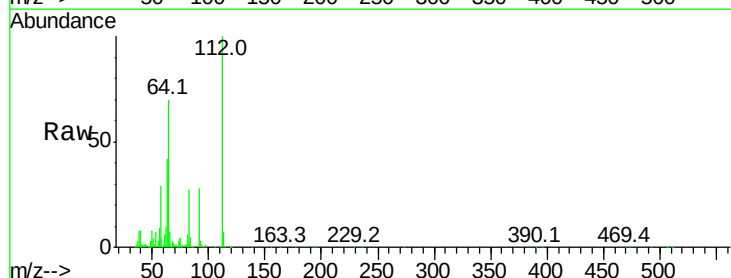
Tgt Ion:112 Resp: 264759

Ion Ratio Lower Upper

112 100

64 69.8 61.8 92.6

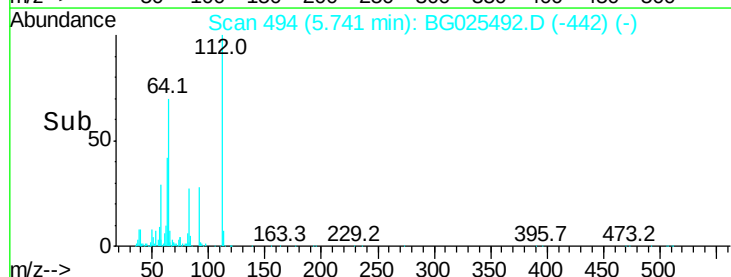
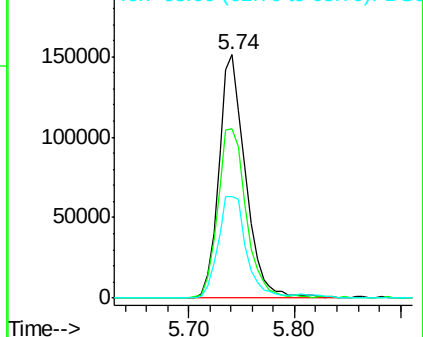
63 41.6 37.2 55.8

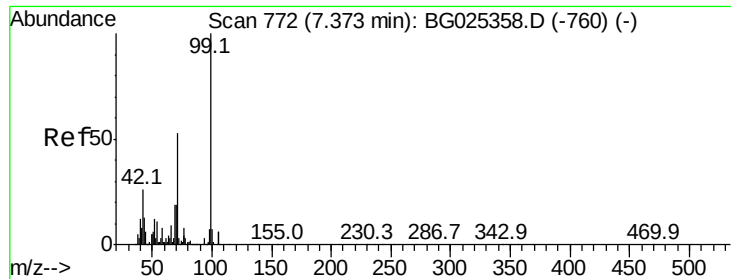


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 51.14 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025492.D

Acq: 12 Jan 2017 21:34

Instrument :

BNA_G

ClientSampleId :

W-33

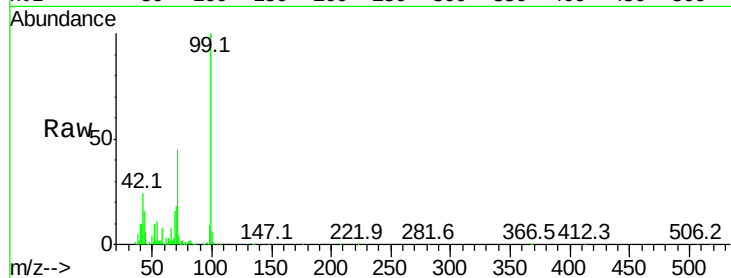
Tot Ion: 99 Resp: 233504

Ion Ratio Lower Upper

99 100

42 23.7 20.5 30.7

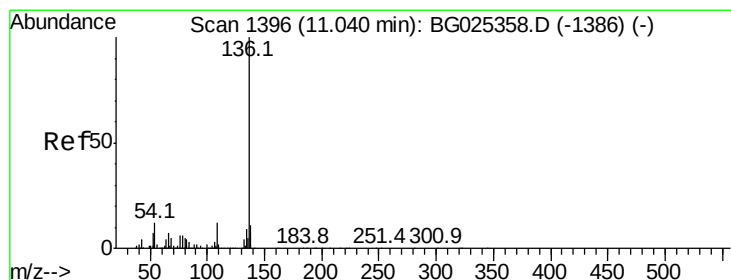
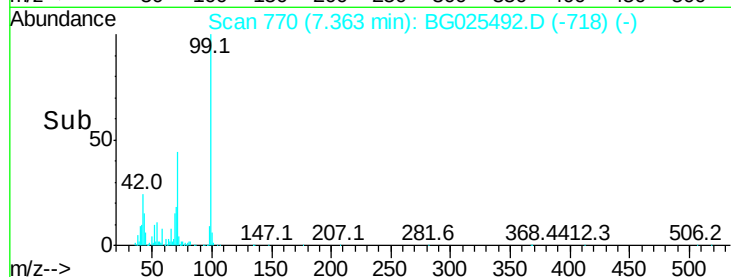
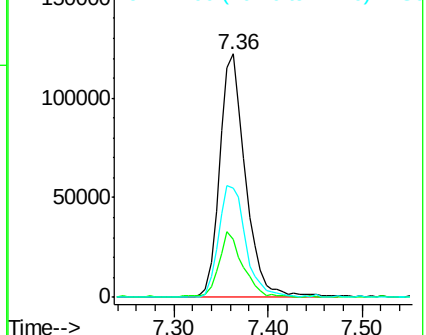
71 44.6 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG025492.D

Acq: 12 Jan 2017 21:34

Tgt Ion: 136 Resp: 241605

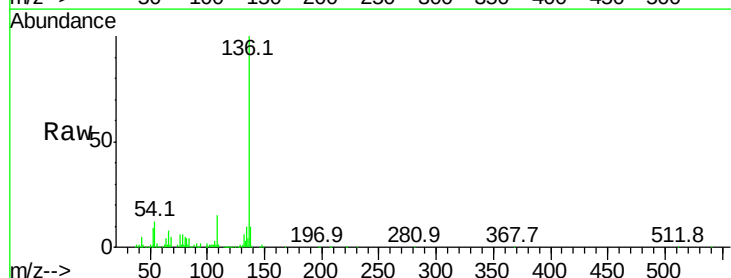
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 12.1 9.3 13.9

68 5.1 5.1 7.7#

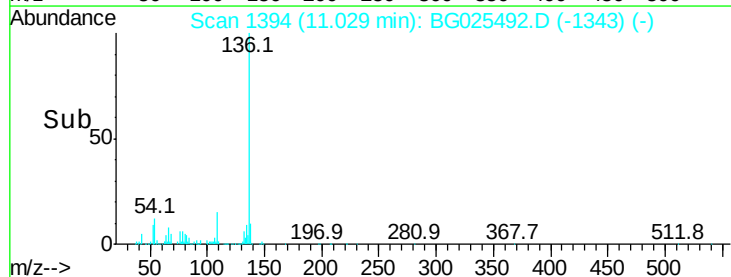
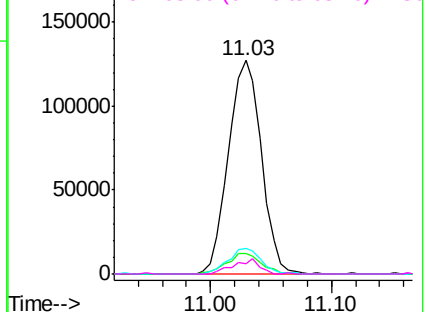


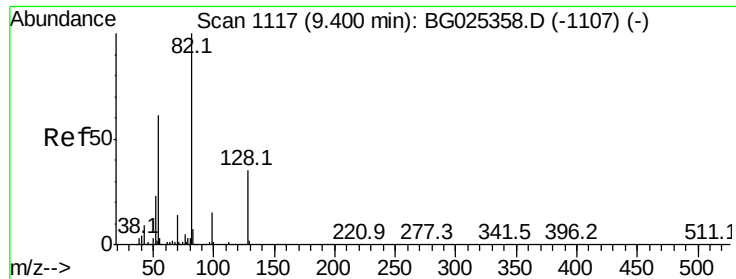
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

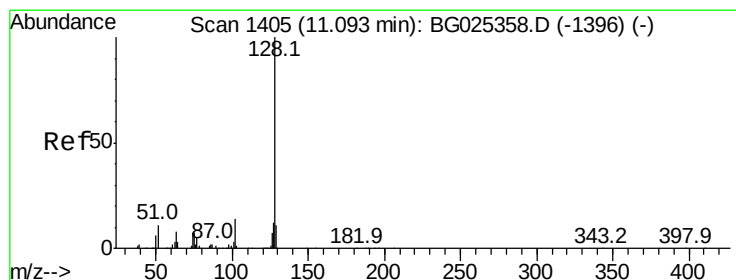
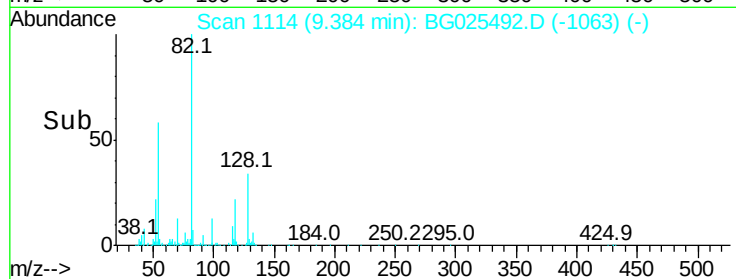
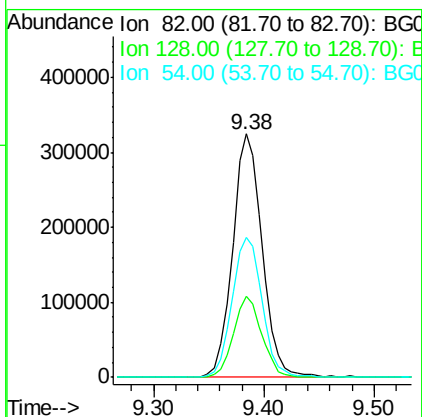
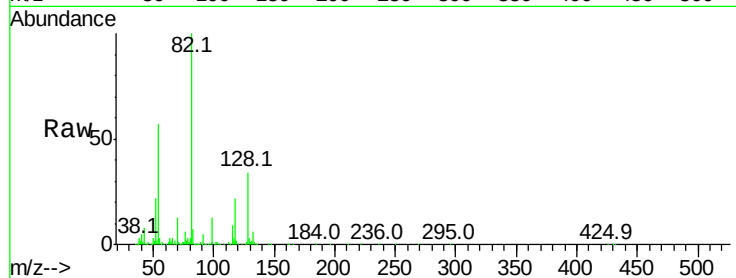




#23
Nitrobenzene-d5
Concen: 111.16 ng
RT: 9.38 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG025492.D
Acq: 12 Jan 2017 21:34

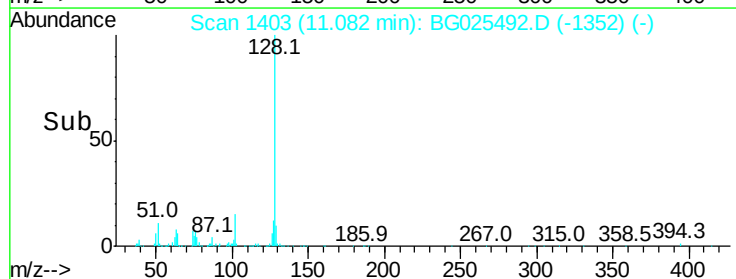
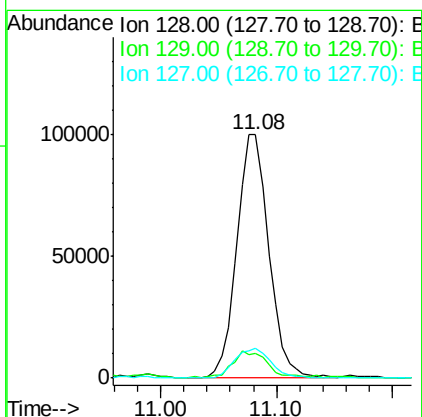
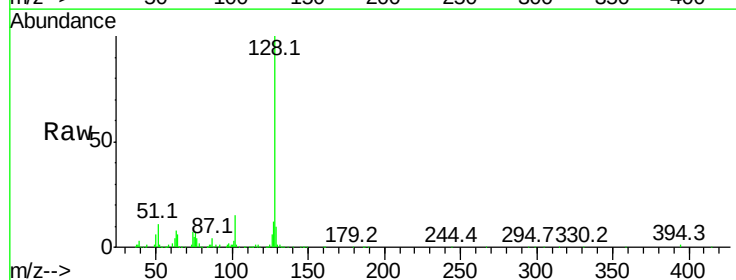
Instrument :
BNA_G
ClientSampleId :
W-33

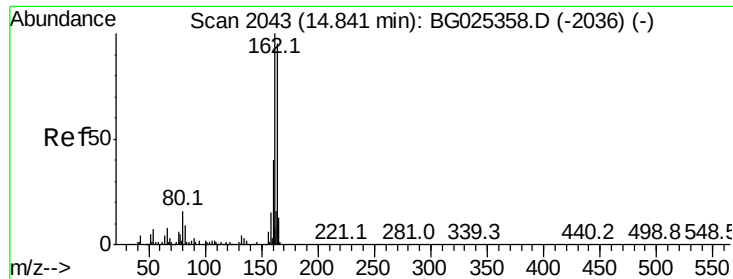
Tot Ion	82	Resp	607943
Ion Ratio	100	Lower	Upper
128	33.6	26.4	39.6
54	57.5	49.4	74.2



#31
Naphthalene
Concen: 15.99 ng
RT: 11.08 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BG025492.D
Acq: 12 Jan 2017 21:34

Tgt Ion	128	Resp	192936
Ion Ratio	100	Lower	Upper
129	10.1	9.3	13.9
127	12.4	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BG025492.D

Acq: 12 Jan 2017 21:34

Instrument :

BNA_G

ClientSampleId :

W-33

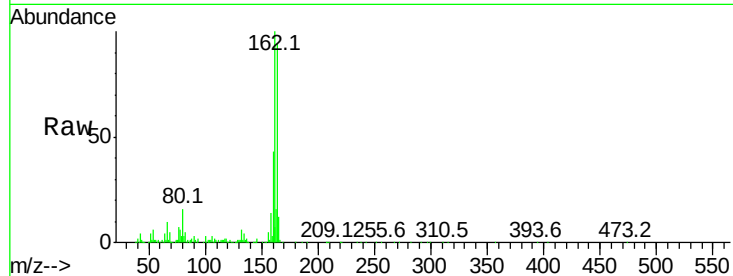
Tot Ion:164 Resp: 192222

Ion Ratio Lower Upper

164 100

162 106.2 85.1 127.7

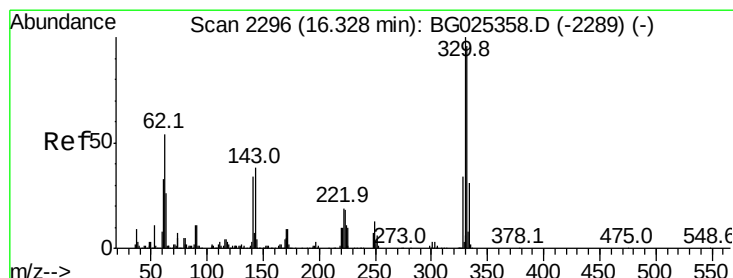
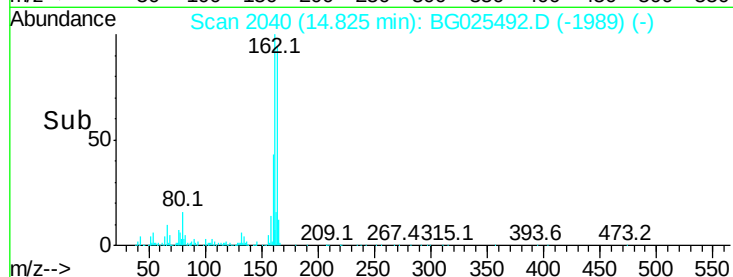
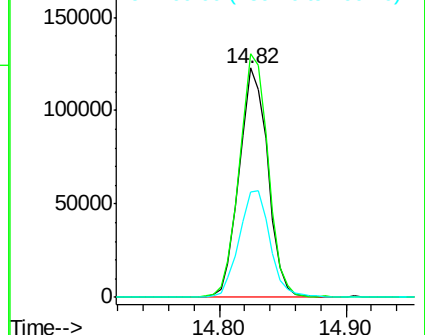
160 46.1 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 172.93 ng

RT: 16.32 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BG025492.D

Acq: 12 Jan 2017 21:34

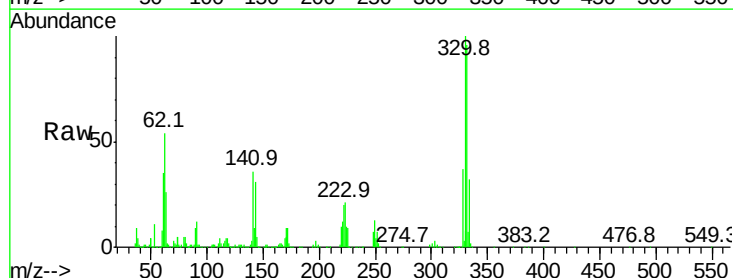
Tgt Ion:330 Resp: 535159

Ion Ratio Lower Upper

330 100

332 94.5 77.3 115.9

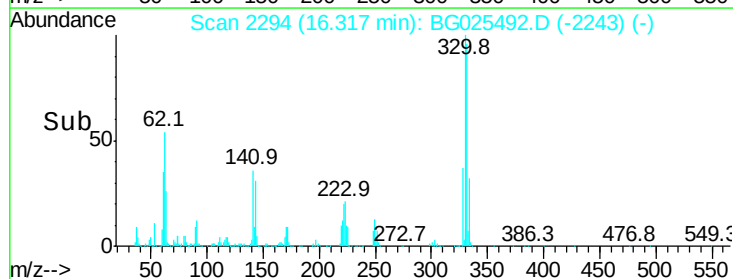
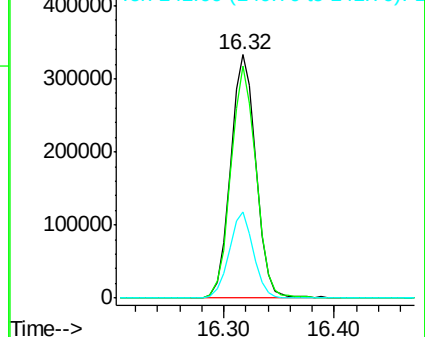
141 34.2 32.1 48.1

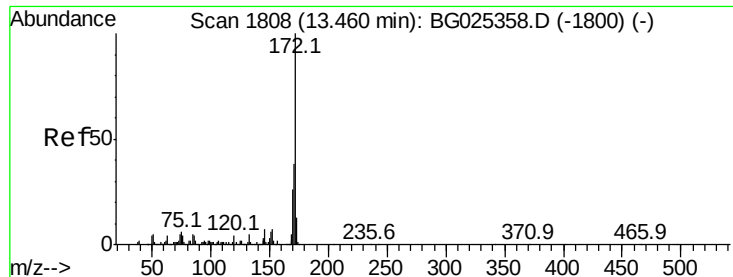


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

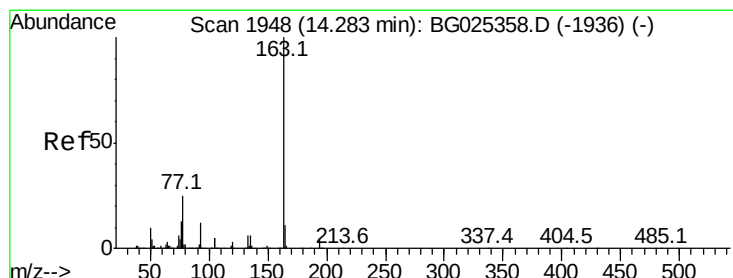
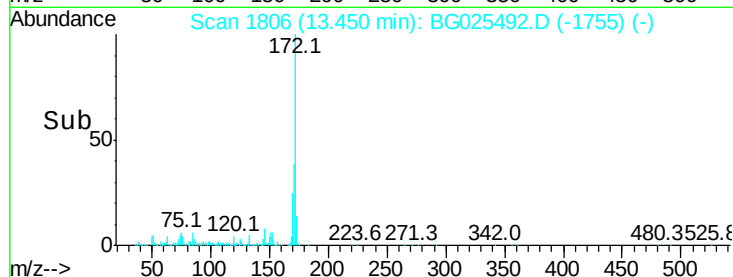
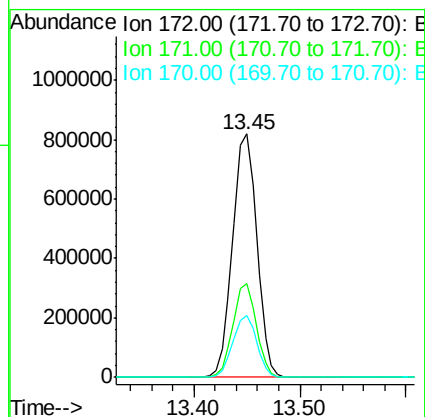
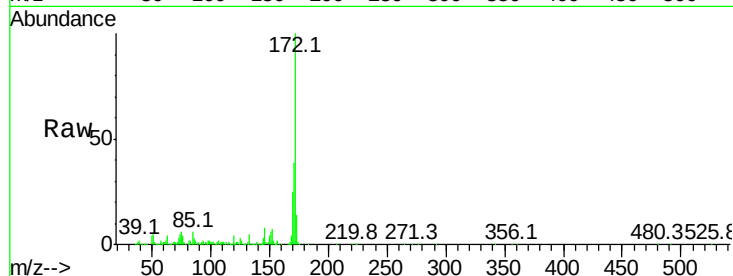




#44
2-Fluorobiphenyl
Concen: 109.41 ng
RT: 13.45 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG025492.D
Acq: 12 Jan 2017 21:34

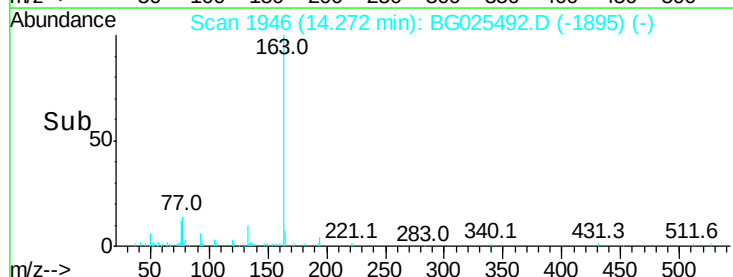
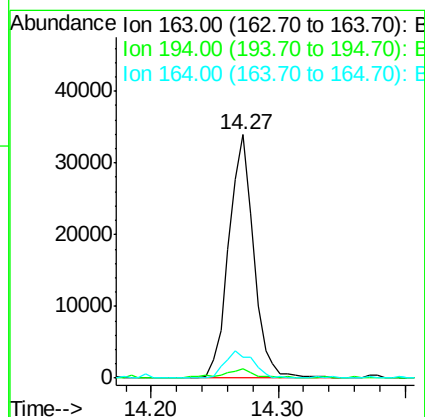
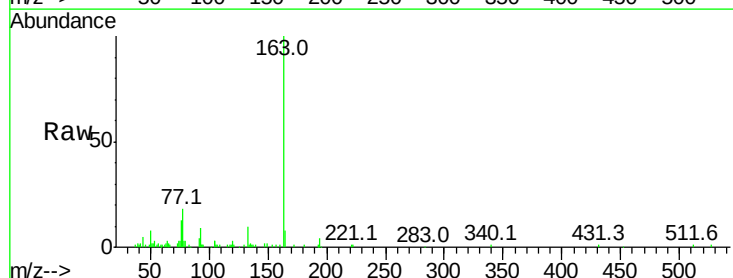
Instrument :
BNA_G
ClientSampleId :
W-33

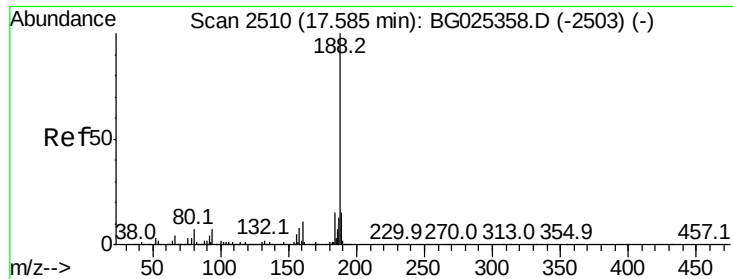
Tot Ion:172 Resp: 1299077
Ion Ratio Lower Upper
172 100
171 38.7 32.2 48.2
170 25.3 21.8 32.6



#49
Dimethylphthalate
Concen: 3.29 ng
RT: 14.27 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG025492.D
Acq: 12 Jan 2017 21:34

Tgt Ion:163 Resp: 46045
Ion Ratio Lower Upper
163 100
194 3.6 3.8 5.6#
164 8.4 9.3 13.9#

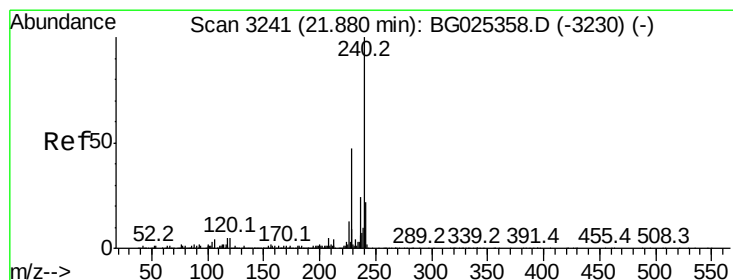
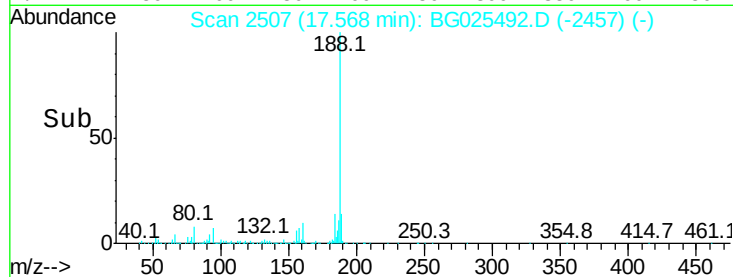
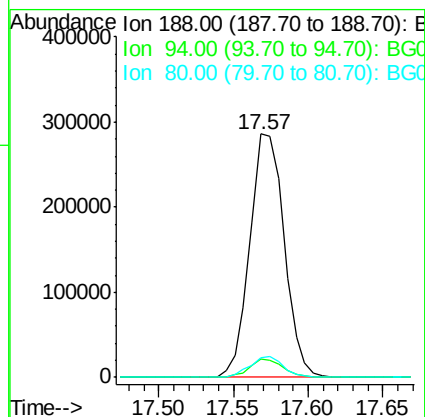
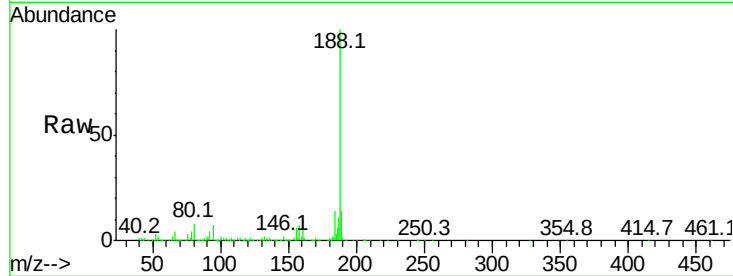




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BG025492.D
Acq: 12 Jan 2017 21:34

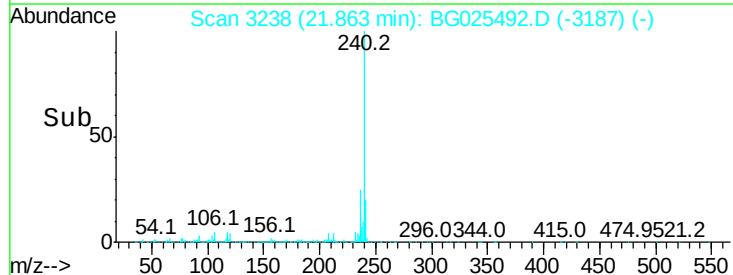
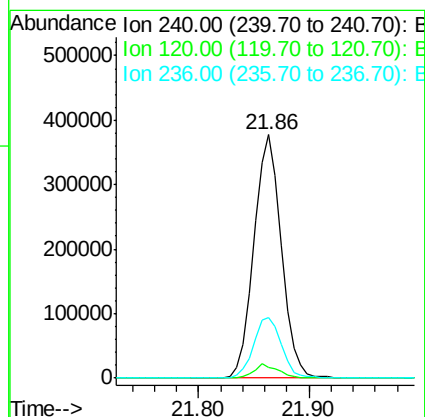
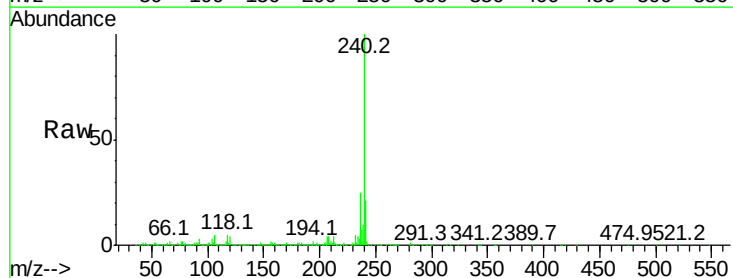
Instrument :
BNA_G
ClientSampleId :
W-33

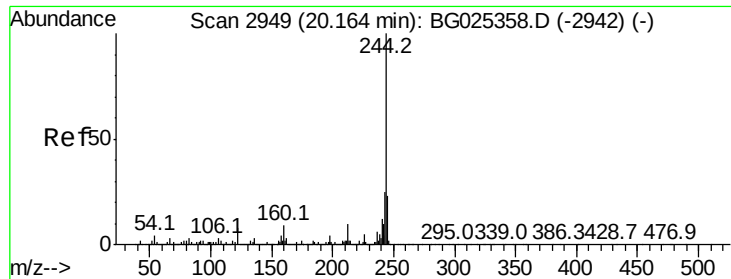
Tot Ion:188 Resp: 455046
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 7.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025492.D
Acq: 12 Jan 2017 21:34

Tgt Ion:240 Resp: 658387
Ion Ratio Lower Upper
240 100
120 4.5 5.7 8.5#
236 25.0 22.2 33.4





#78

Terphenyl-d14

Concen: 102.74 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025492.D

Acq: 12 Jan 2017 21:34

Instrument :

BNA_G

ClientSampleId :

W-33

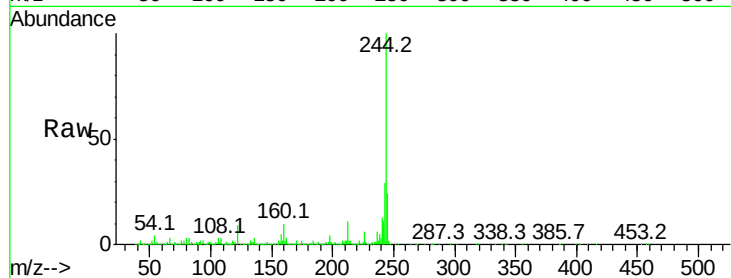
Tot Ion:244 Resp: 2551221

Ion Ratio Lower Upper

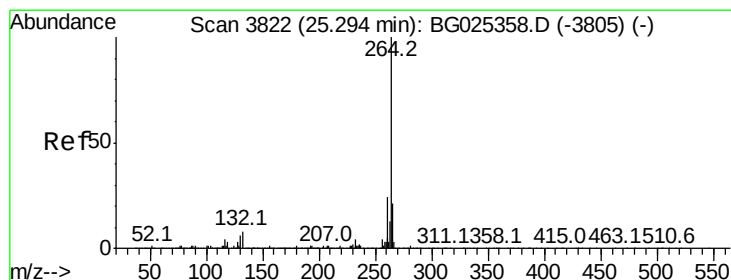
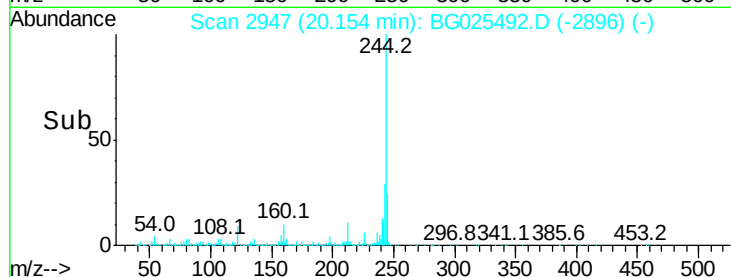
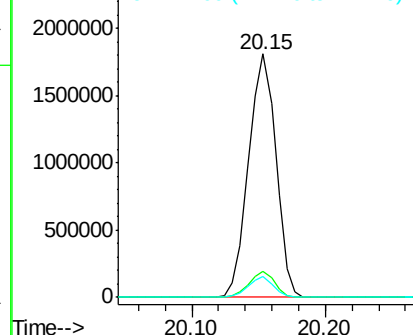
244 100

212 10.5 10.0 15.0

122 8.6 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. -0.01 min

Lab File: BG025492.D

Acq: 12 Jan 2017 21:34

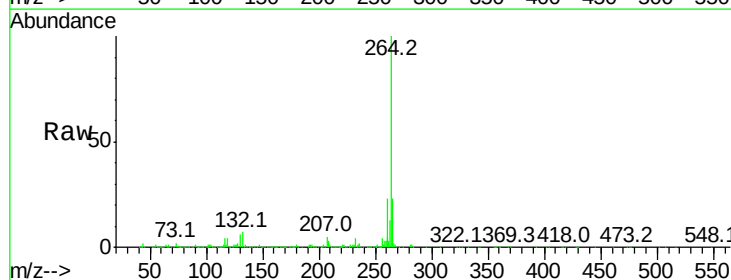
Tgt Ion:264 Resp: 689056

Ion Ratio Lower Upper

264 100

260 22.7 21.8 32.8

265 22.6 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

