

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017054.D
 Acq On : 11 May 2015 15:41
 Operator : TP/IZ
 Sample : G2109-10RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-33RE

Quant Time: May 12 04:16:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:00:00 2015
 Response via : Initial Calibration

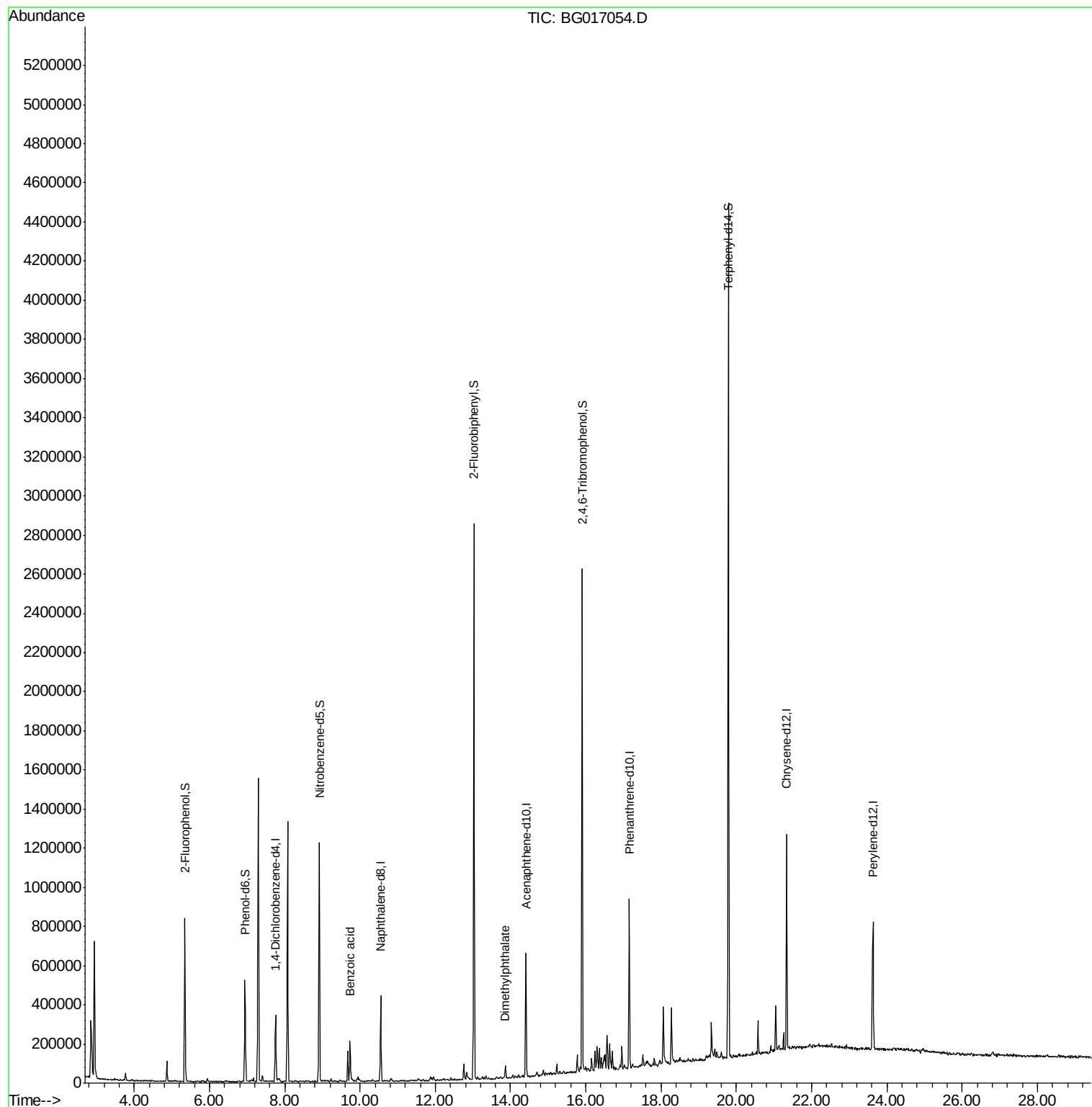
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	79940	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	332431	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	201906	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	451052	20.00	ng	0.00
75) Chrysene-d12	21.33	240	464257	20.00	ng	0.00
86) Perylene-d12	23.63	264	463458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	300802	65.52	ng	0.00
7) Phenol-d6	6.94	99	244639	37.30	ng	0.00
23) Nitrobenzene-d5	8.92	82	632689	92.98	ng	0.00
41) 2,4,6-Tribromophenol	15.91	330	372302	183.68	ng	0.00
44) 2-Fluorobiphenyl	13.03	172	1240846	92.74	ng	0.00
78) Terphenyl-d14	19.78	244	1649076	83.27	ng	0.00
Target Compounds						
32) Benzoic acid	9.74	122	6092	2.65	ng	# 8
49) Dimethylphthalate	13.86	163	33755	2.24	ng	# 94

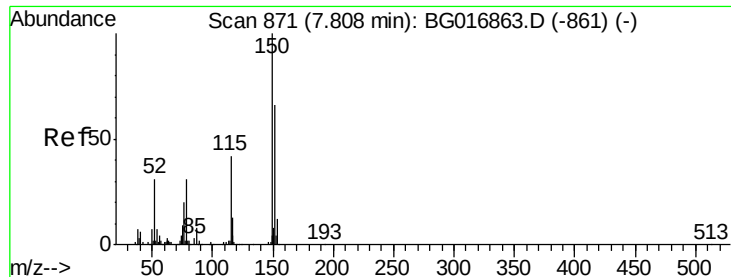
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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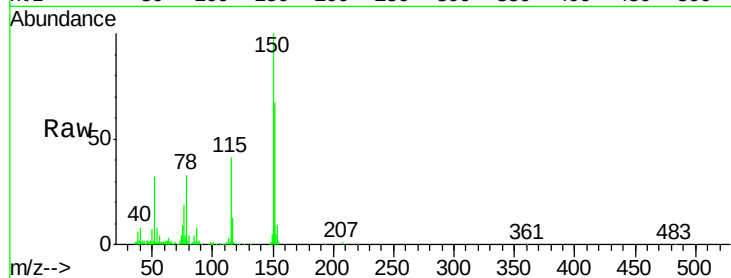


#1

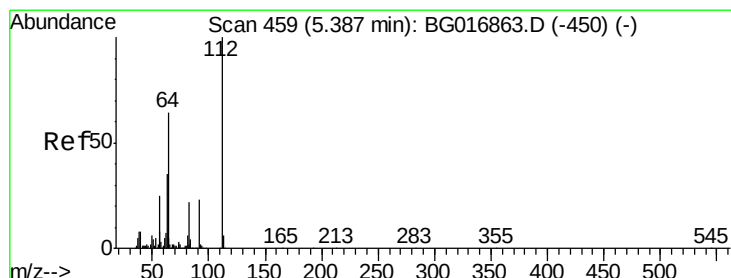
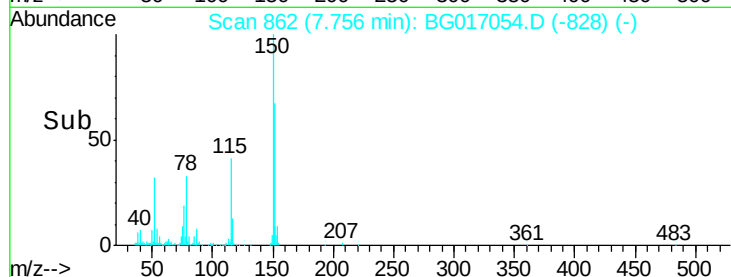
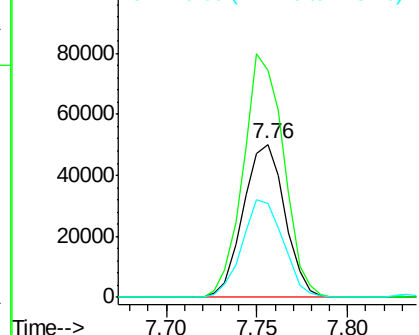
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 862
Delta R.T. 0.00 min
Lab File: BG017054.D
Acq: 11 May 2015 15:41

Instrument :
BNA_G
ClientSampleId :
W-33RE

Tgt Ion:152 Resp: 79940
Ion Ratio Lower Upper
152 100
150 148.4 121.0 181.4
115 61.4 50.5 75.7



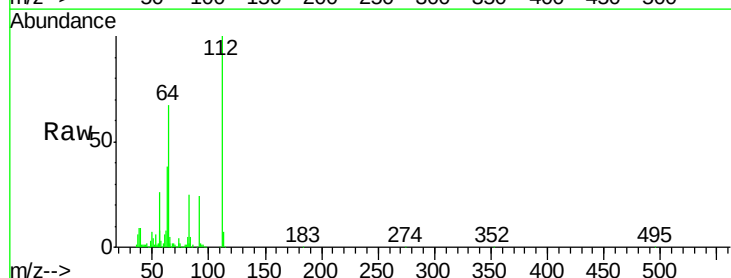
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



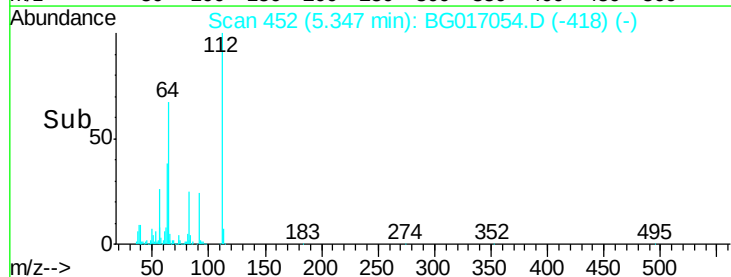
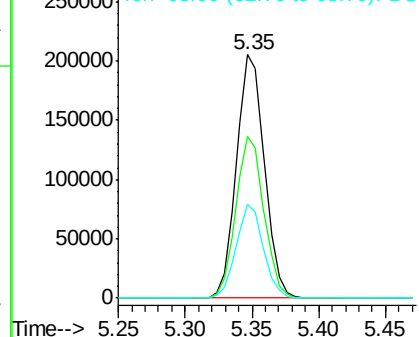
#5

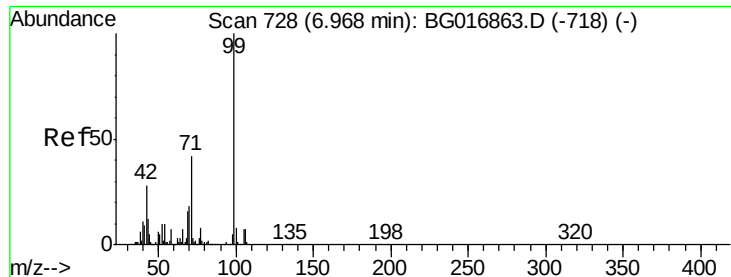
2-Fluorophenol
Concen: 65.52 ng
RT: 5.35 min Scan# 452
Delta R.T. 0.00 min
Lab File: BG017054.D
Acq: 11 May 2015 15:41

Tgt Ion:112 Resp: 300802
Ion Ratio Lower Upper
112 100
64 66.6 51.4 77.2
63 38.4 28.1 42.1



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: 37.30 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG017054.D

Acq: 11 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

W-33RE

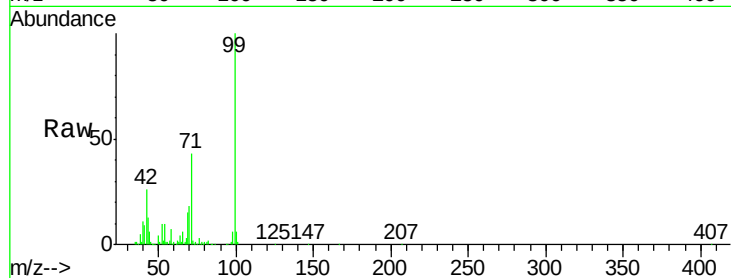
Tgt Ion: 99 Resp: 244639

Ion Ratio Lower Upper

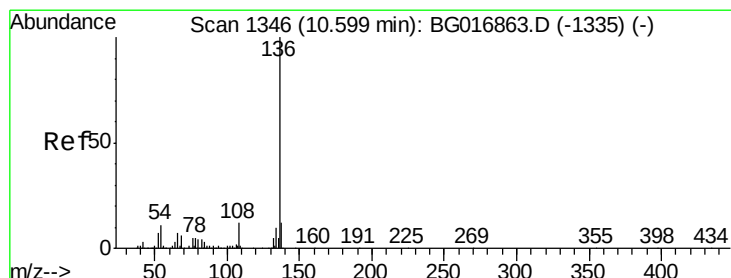
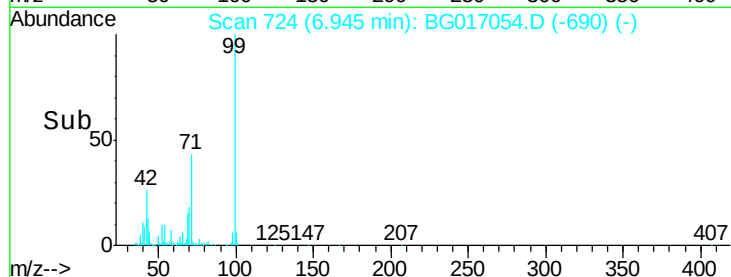
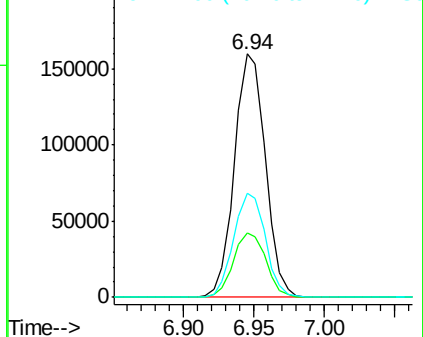
99 100

42 26.3 22.1 33.1

71 42.9 33.4 50.0



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: 10.55 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BG017054.D

Acq: 11 May 2015 15:41

Tgt Ion: 136 Resp: 332431

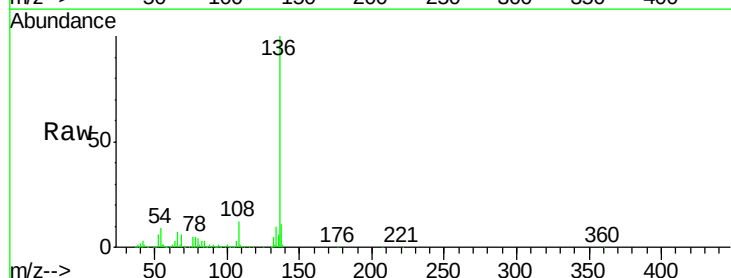
Ion Ratio Lower Upper

136 100

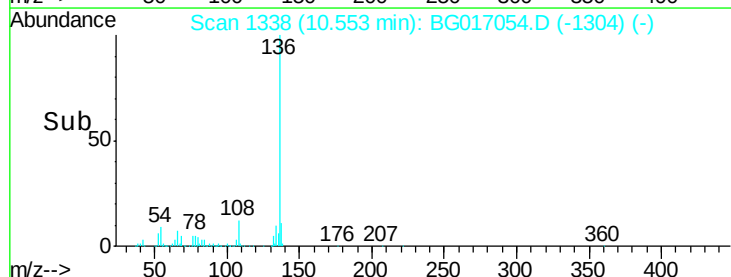
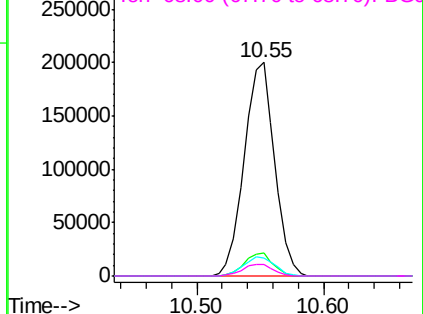
137 10.8 9.8 14.8

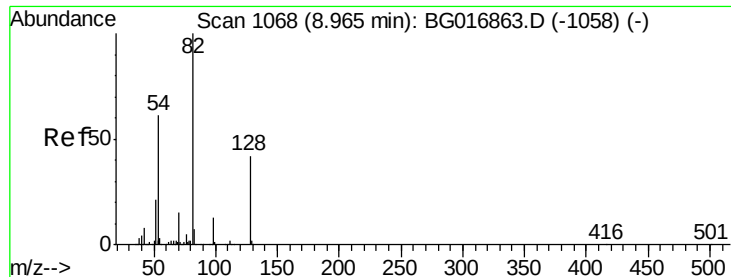
54 8.6 8.7 13.1#

68 5.6 5.0 7.4



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

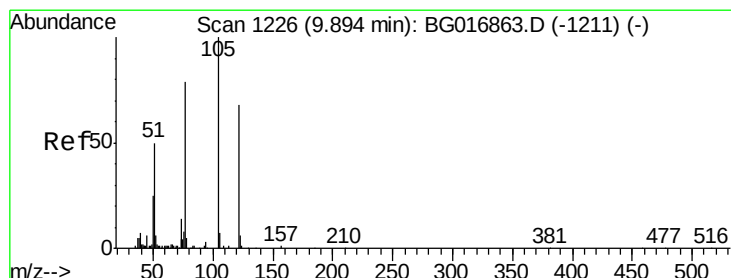
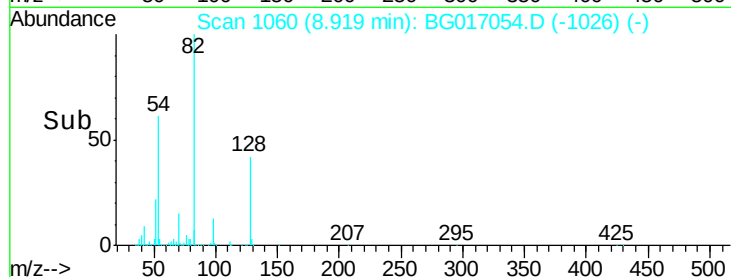
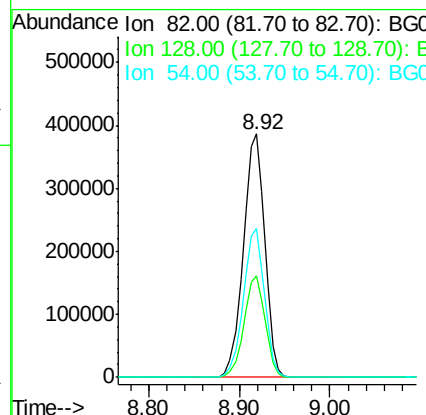
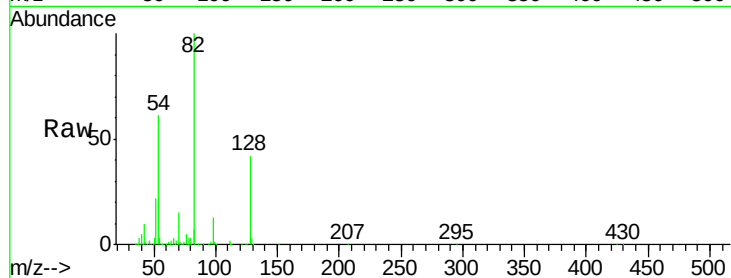




#23
 Nitrobenzene-d5
 Concen: 92.98 ng
 RT: 8.92 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BG017054.D
 Acq: 11 May 2015 15:41

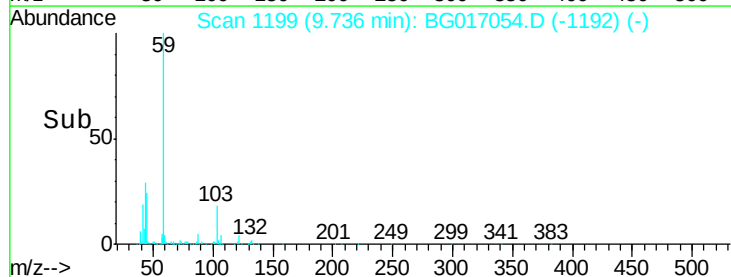
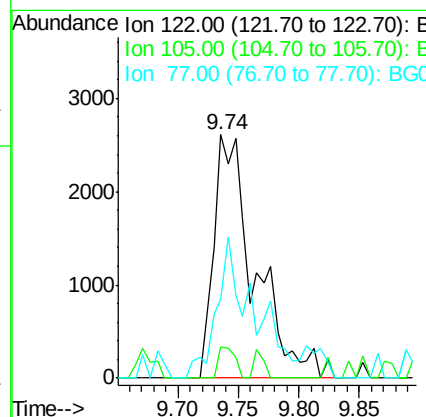
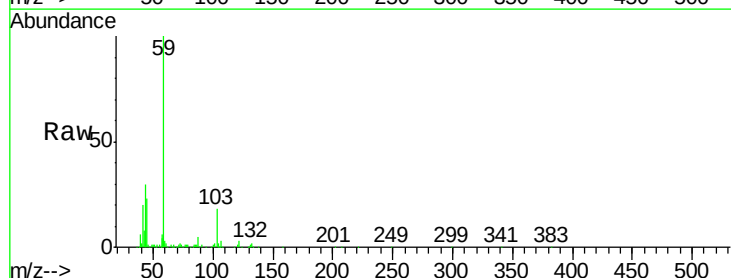
Instrument :
 BNA_G
 ClientSampleId :
 W-33RE

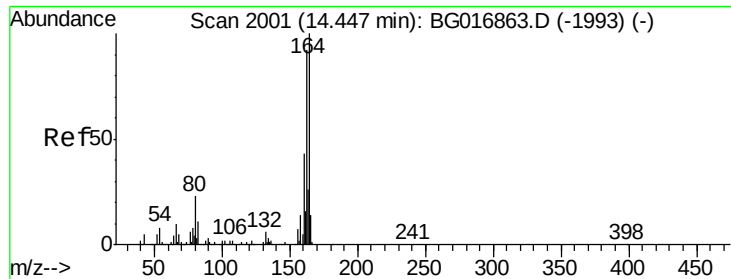
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.2	49.8
54	61.3	48.6	72.8



#32
 Benzoic acid
 Concen: 2.65 ng
 RT: 9.74 min Scan# 1199
 Delta R.T. -0.16 min
 Lab File: BG017054.D
 Acq: 11 May 2015 15:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	13.0	123.2	163.2#
77	32.0	93.0	133.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG017054.D

Acq: 11 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

W-33RE

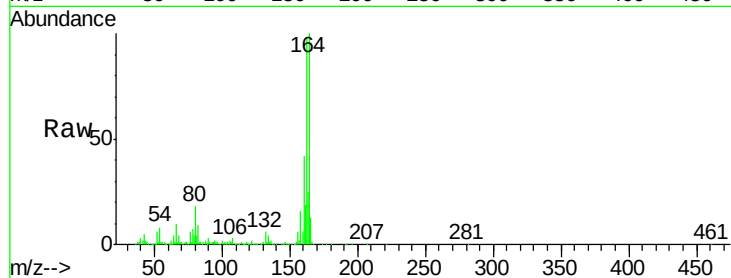
Tgt Ion:164 Resp: 201906

Ion Ratio Lower Upper

164 100

162 98.0 74.0 111.0

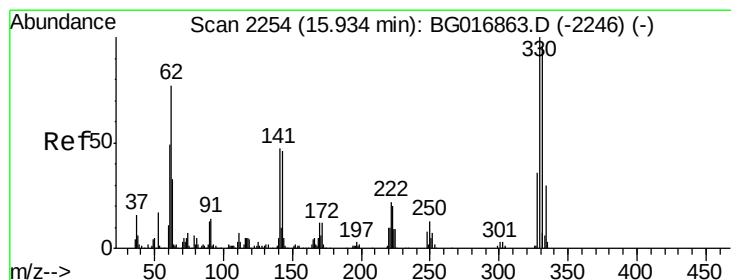
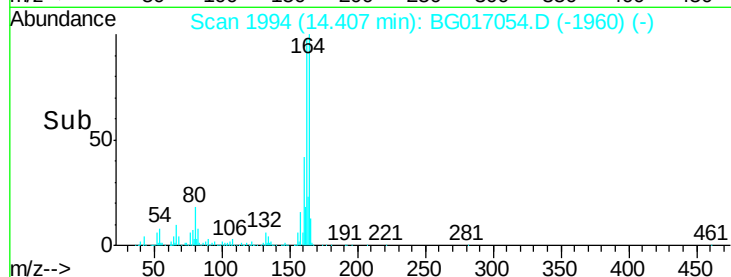
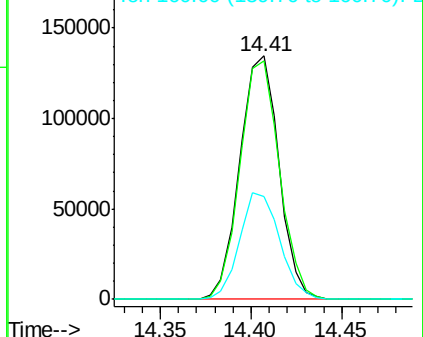
160 42.5 34.7 52.1



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: 183.68 ng

RT: 15.91 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BG017054.D

Acq: 11 May 2015 15:41

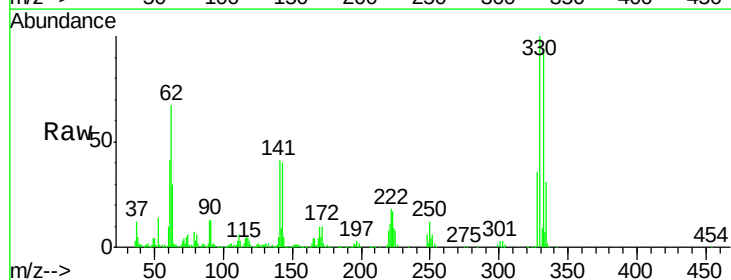
Tgt Ion:330 Resp: 372302

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

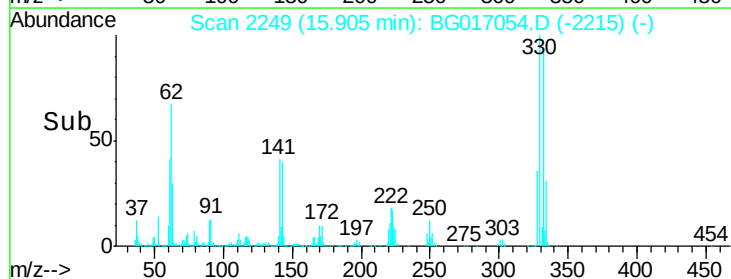
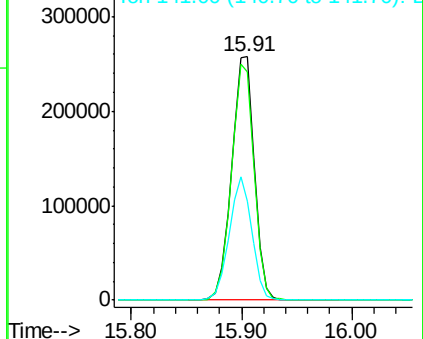
141 50.0 0.0 0.0#

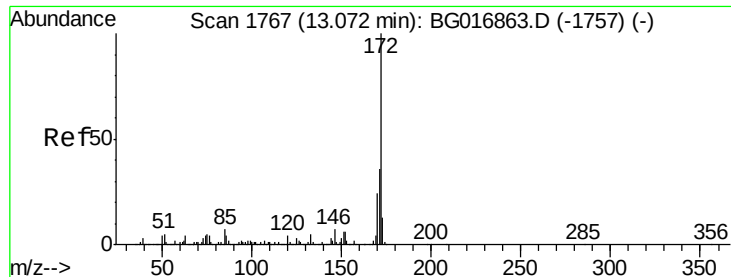


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

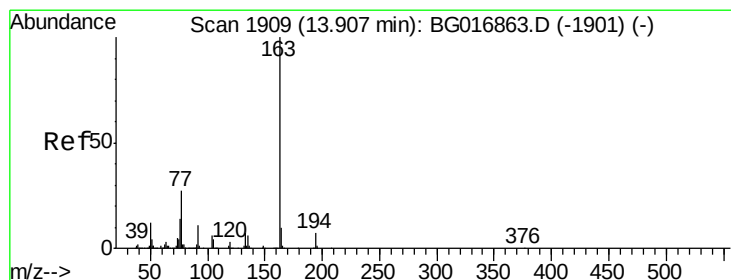
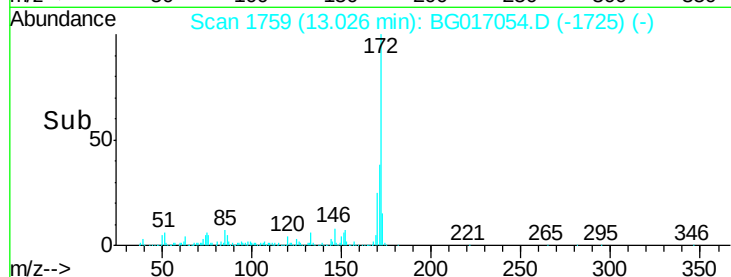
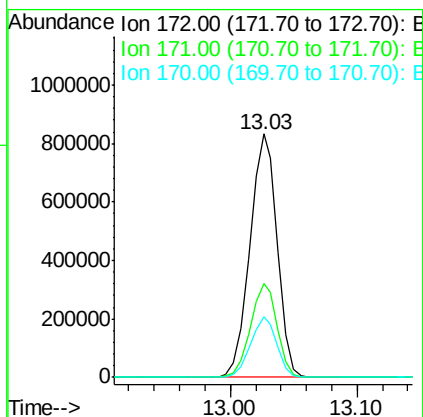
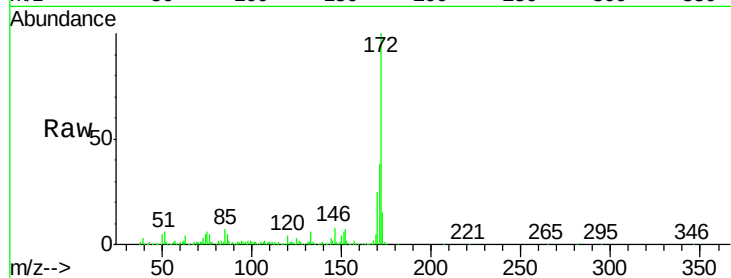




#44
2-Fluorobiphenyl
Concen: 92.74 ng
RT: 13.03 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BG017054.D
Acq: 11 May 2015 15:41

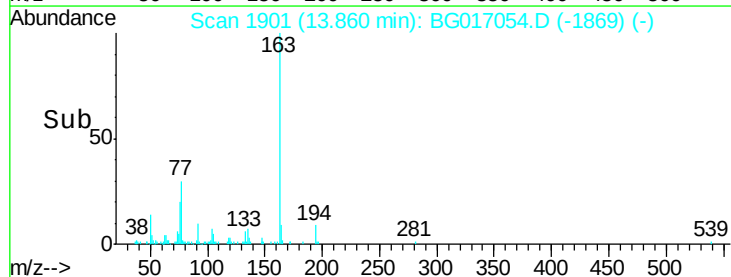
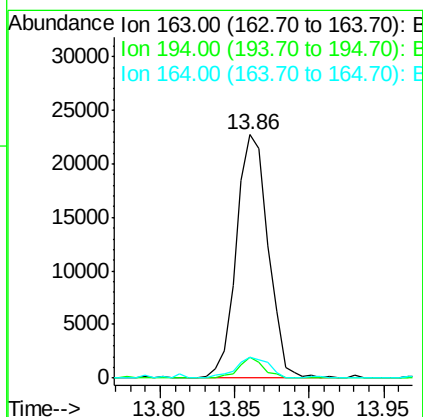
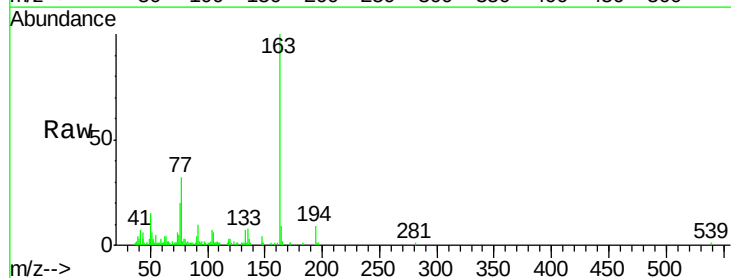
Instrument :
BNA_G
ClientSampleId :
W-33RE

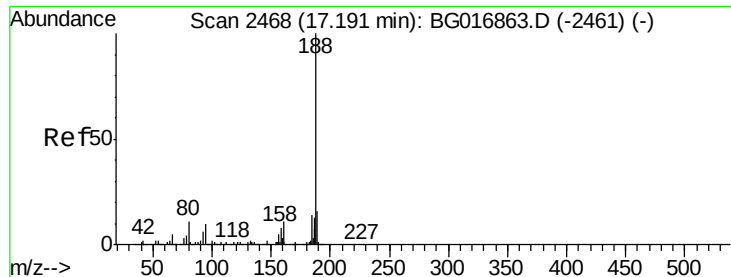
Tgt Ion:172 Resp: 1240846
Ion Ratio Lower Upper
172 100
171 38.4 29.0 43.4
170 24.9 19.0 28.4



#49
Dimethylphthalate
Concen: 2.24 ng
RT: 13.86 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG017054.D
Acq: 11 May 2015 15:41

Tgt Ion:163 Resp: 33755
Ion Ratio Lower Upper
163 100
194 8.5 5.2 7.8#
164 8.5 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.15 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG017054.D

Acq: 11 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

W-33RE

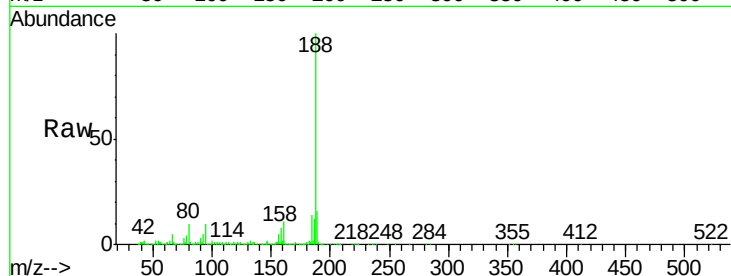
Tgt Ion:188 Resp: 451052

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

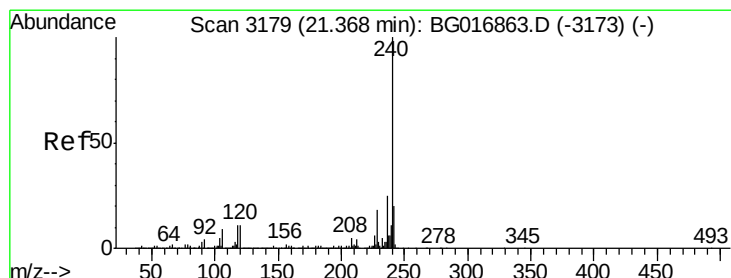
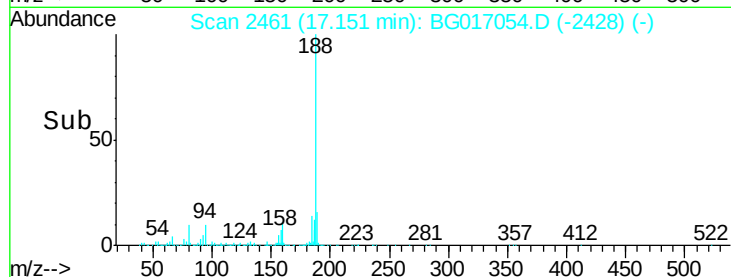
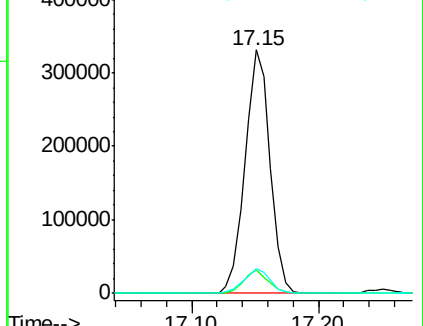
80 10.2 8.8 13.2



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: 21.33 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG017054.D

Acq: 11 May 2015 15:41

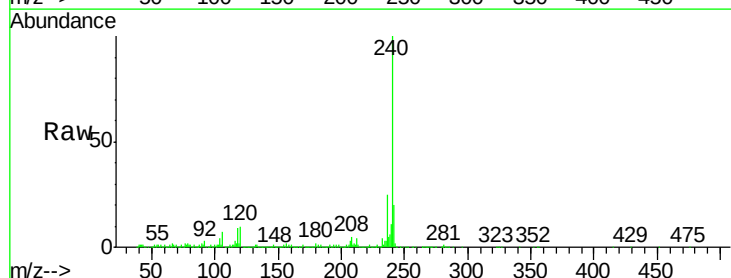
Tgt Ion:240 Resp: 464257

Ion Ratio Lower Upper

240 100

120 9.9 9.1 13.7

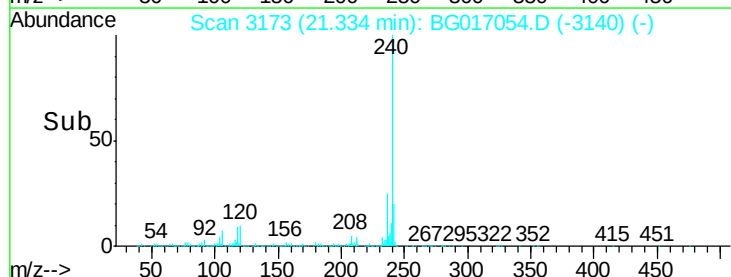
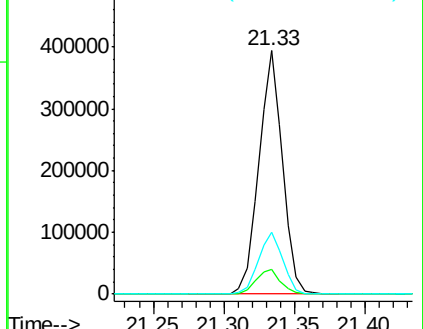
236 25.2 20.2 30.4

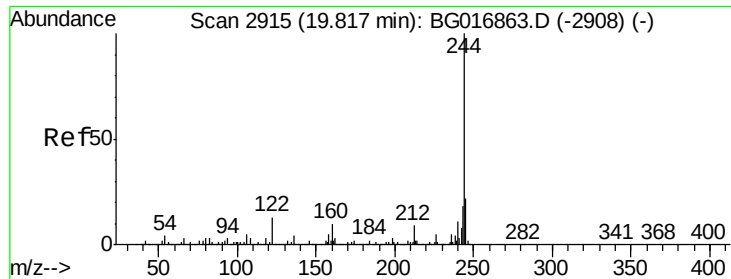


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.27 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.01 min

Lab File: BG017054.D

Acq: 11 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

W-33RE

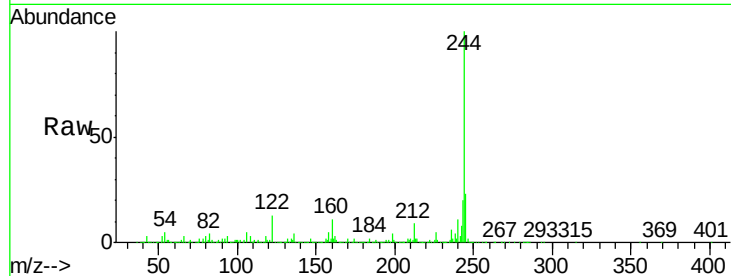
Tgt Ion:244 Resp: 1649076

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

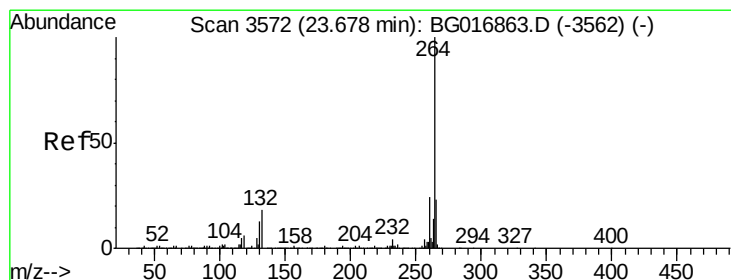
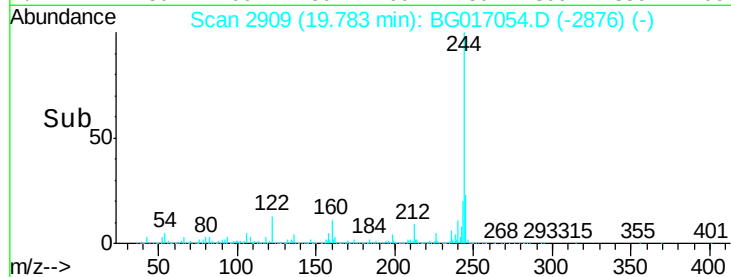
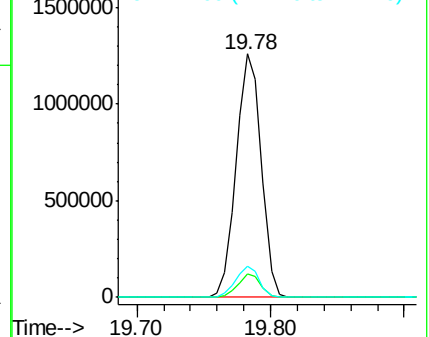
122 13.0 10.4 15.6



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: 23.63 min Scan# 3563

Delta R.T. -0.01 min

Lab File: BG017054.D

Acq: 11 May 2015 15:41

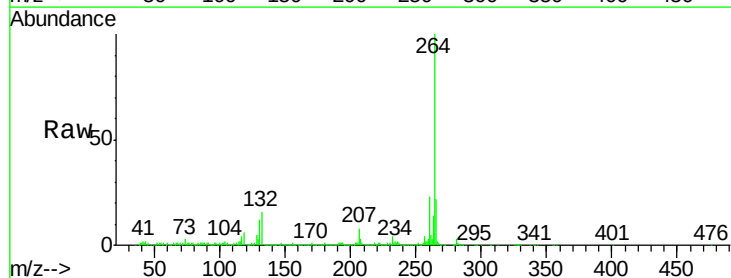
Tgt Ion:264 Resp: 463458

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.2 18.5 27.7



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

