

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031653.D
 Acq On : 19 Dec 2017 3:06
 Operator : SJ/JU
 Sample : I6677-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:08:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

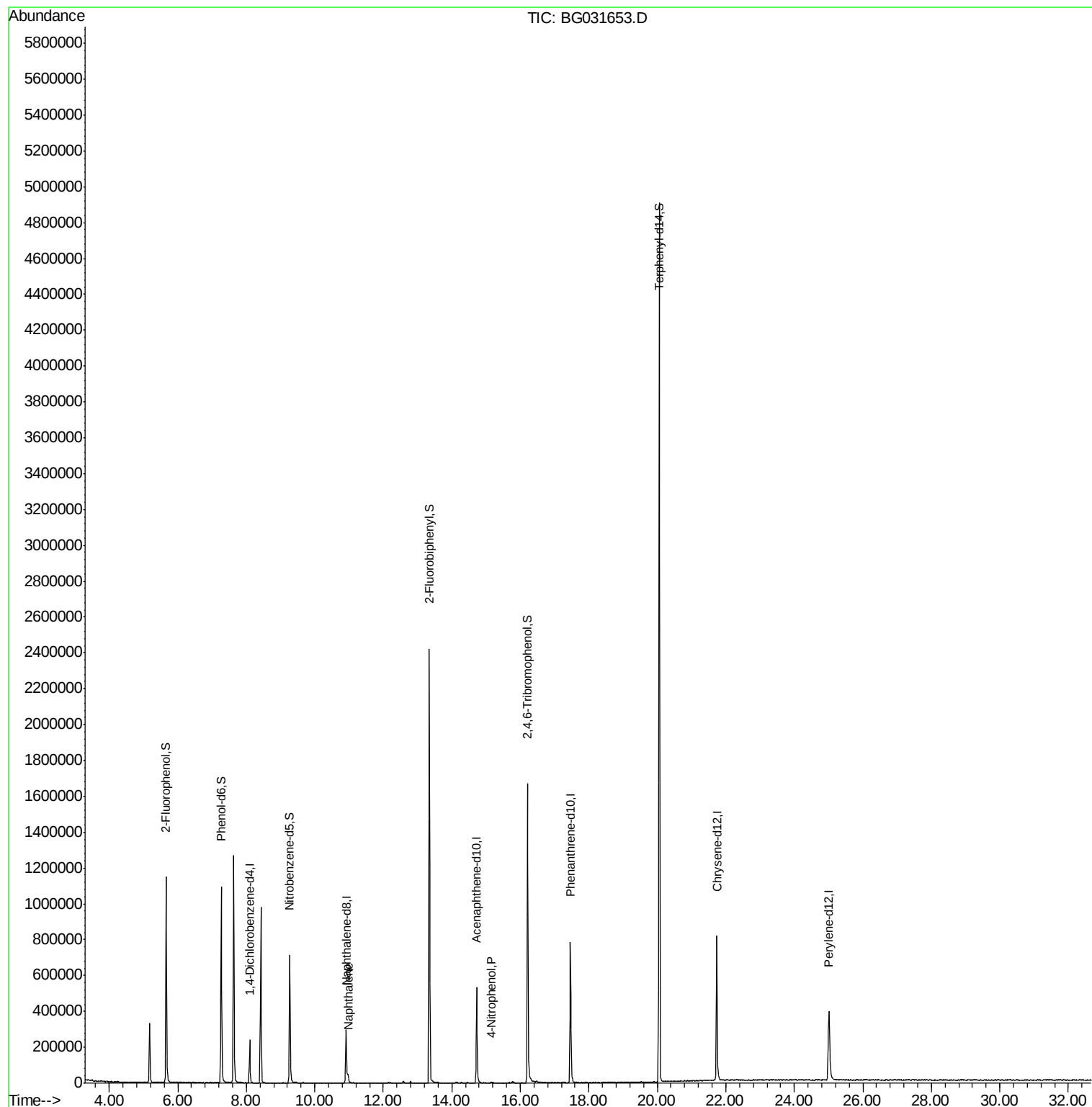
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	76278	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	333199	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	221579	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	575507	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	591679	20.00	ng	-0.01
86) Perylene-d12	25.01	264	516732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	600366	139.51	ng	-0.01
7) Phenol-d6	7.27	99	733492	122.78	ng	0.00
23) Nitrobenzene-d5	9.27	82	479832	88.76	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	396811	152.86	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1436573	95.17	ng	0.00
78) Terphenyl-d14	20.06	244	2514828	96.70	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	40558	2.478	ng	95
55) 4-Nitrophenol	15.16	139	1185	3.962	ng	# 1

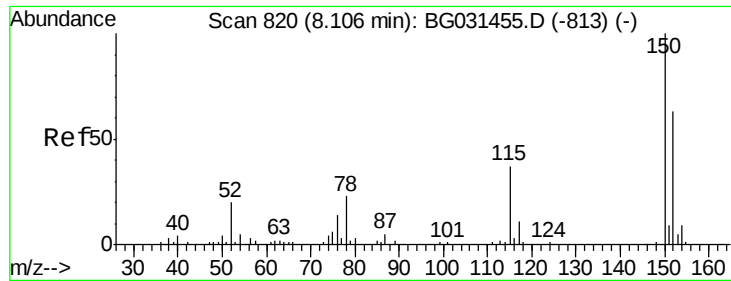
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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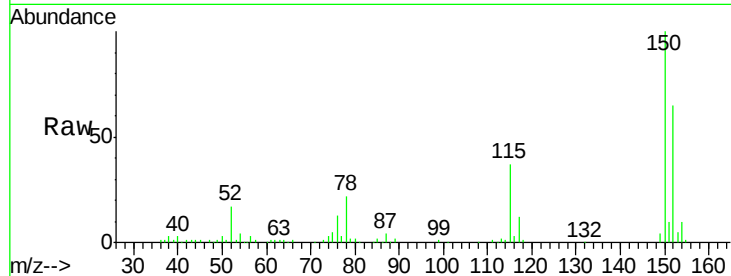


#1

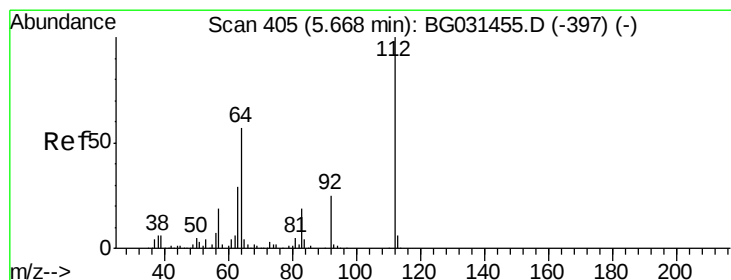
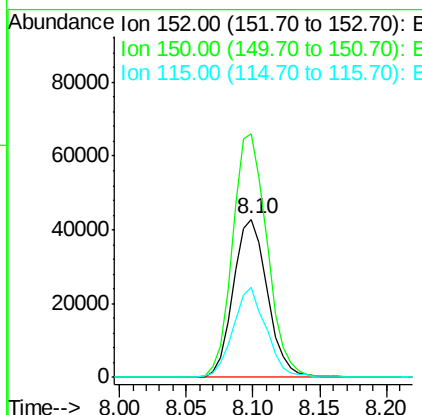
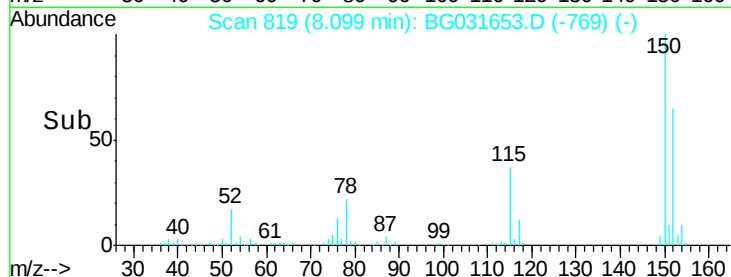
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031653.D
Acq: 19 Dec 2017 3:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 76278
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 56.8 53.0 79.4



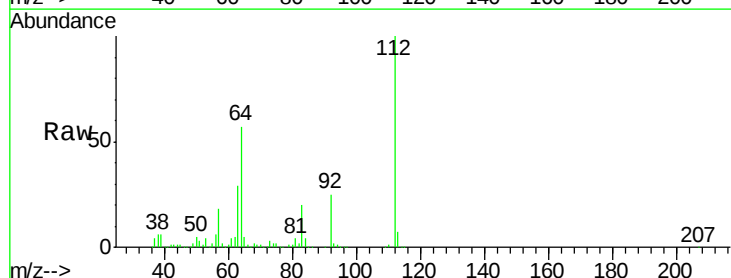
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



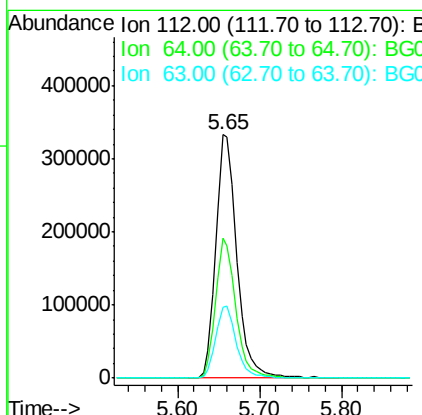
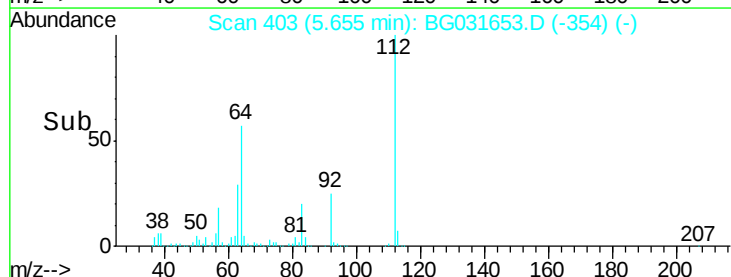
#5

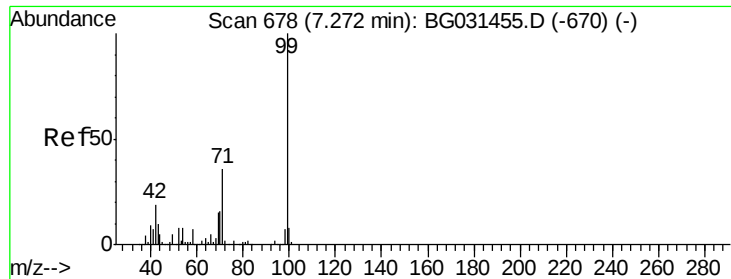
2-Fluorophenol
Concen: 139.511 ng
RT: 5.65 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031653.D
Acq: 19 Dec 2017 3:06

Tgt Ion:112 Resp: 600366
Ion Ratio Lower Upper
112 100
64 57.4 56.3 84.5
63 29.3 30.1 45.1#



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: 122.779 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

Instrument :

BNA_G

ClientSampled :

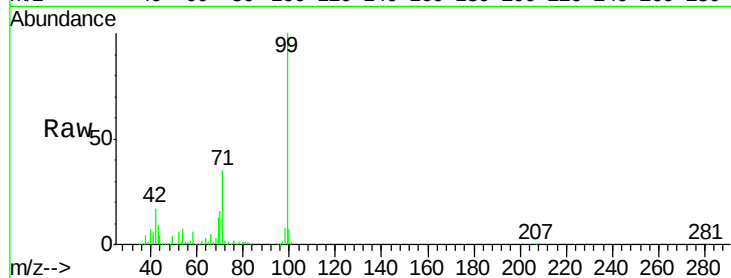
Tot Ion: 99 Resp: 733492

Ion Ratio Lower Upper

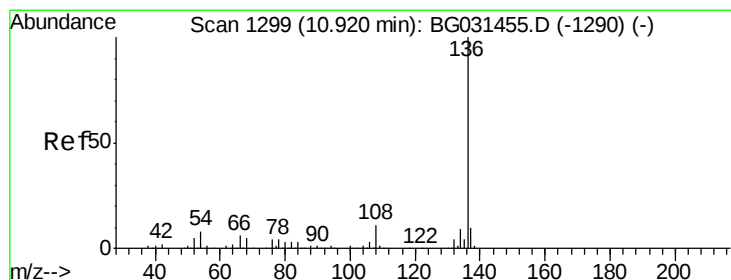
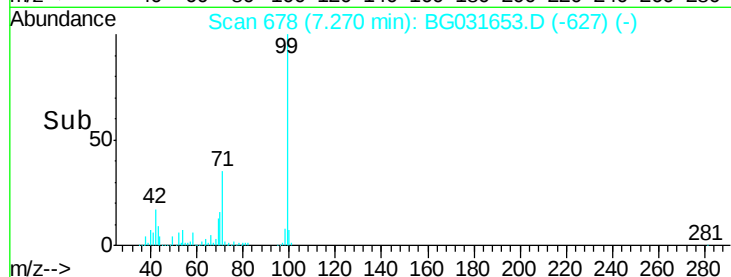
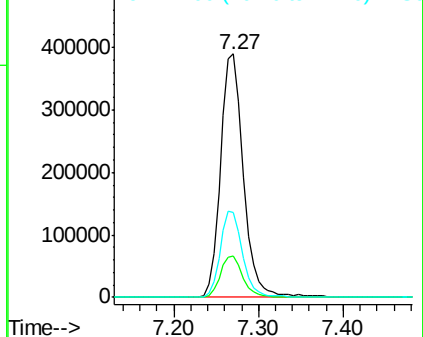
99 100

42 16.9 14.1 21.1

71 35.0 26.1 39.1



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: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

Tgt Ion: 136 Resp: 333199

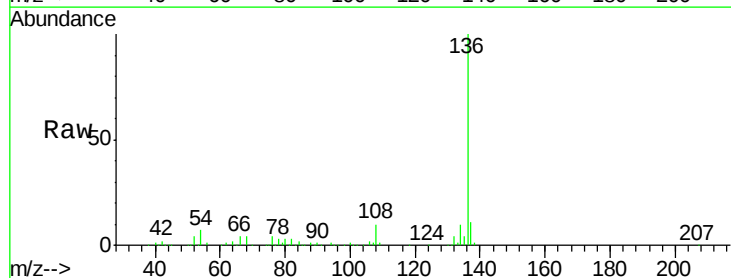
Ion Ratio Lower Upper

136 100

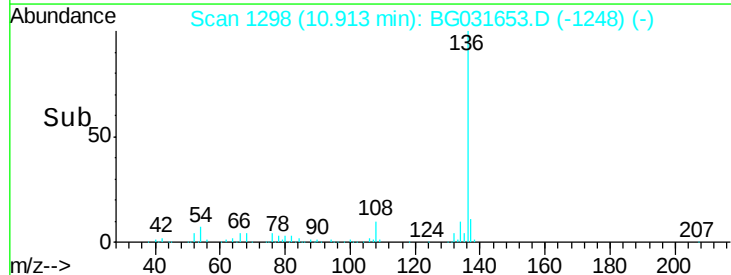
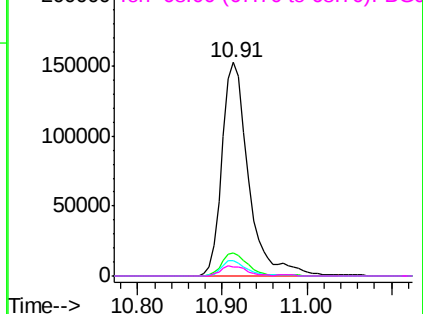
137 10.5 9.2 13.8

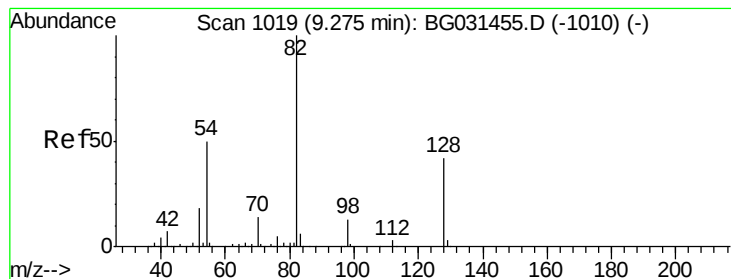
54 7.5 10.3 15.5#

68 4.1 4.5 6.7#



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: 88.762 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

Instrument :

BNA_G

ClientSampleId :

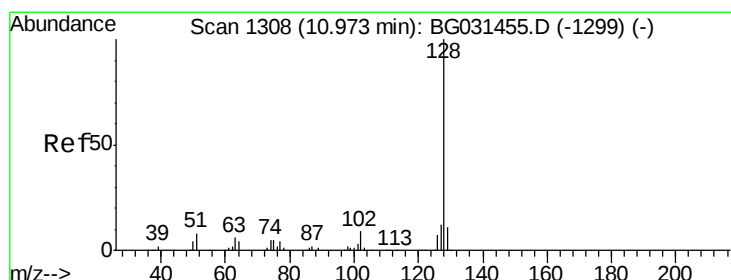
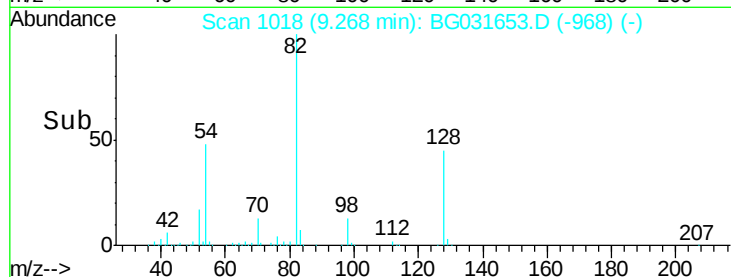
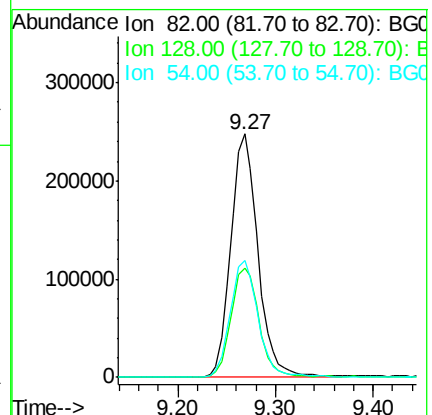
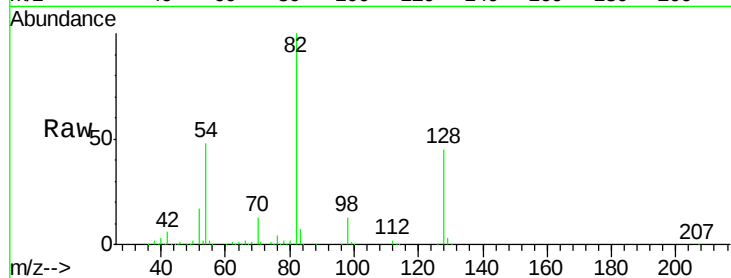
Tot Ion: 82 Resp: 479832

Ion Ratio Lower Upper

82 100

128 45.1 29.7 44.5#

54 48.1 43.1 64.7



#31

Naphthalene

Concen: 2.478 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

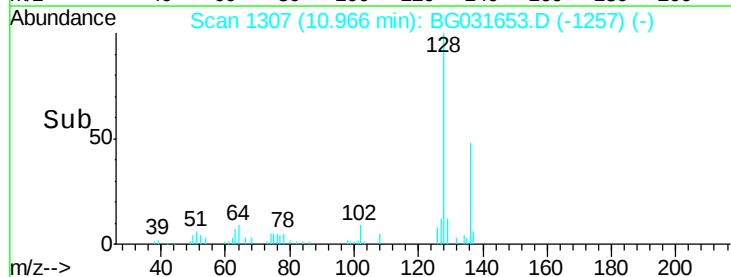
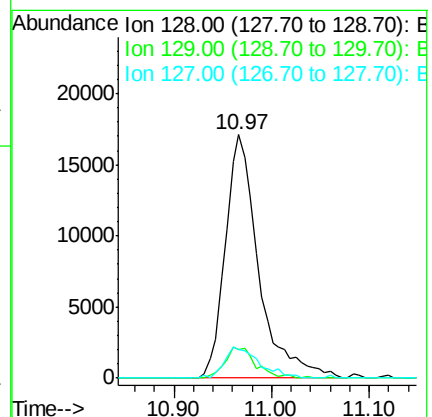
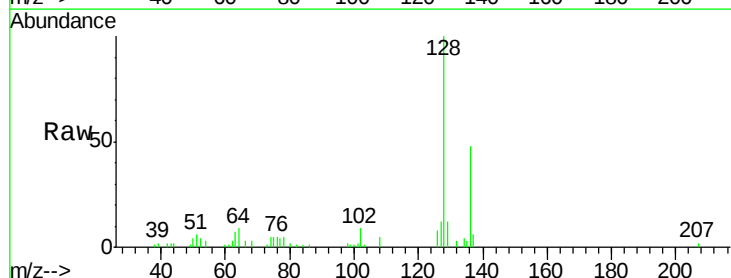
Tgt Ion: 128 Resp: 40558

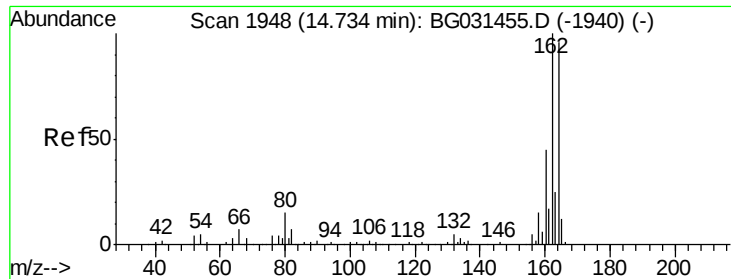
Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

127 12.0 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

Instrument :

BNA_G

ClientSampleId :

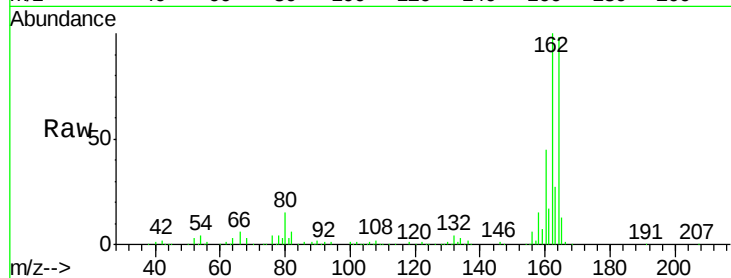
Tot Ion:164 Resp: 221579

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

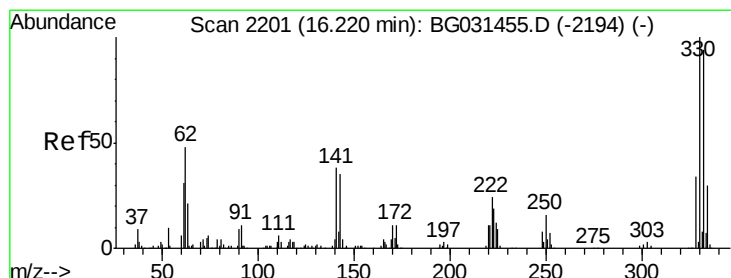
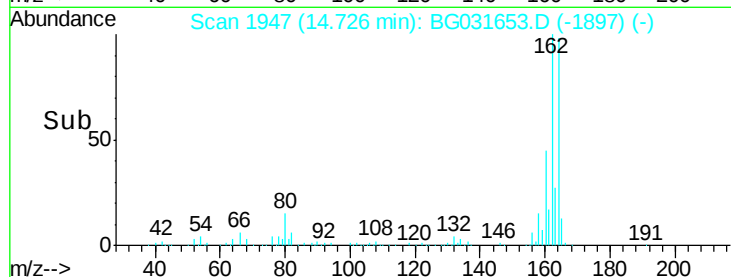
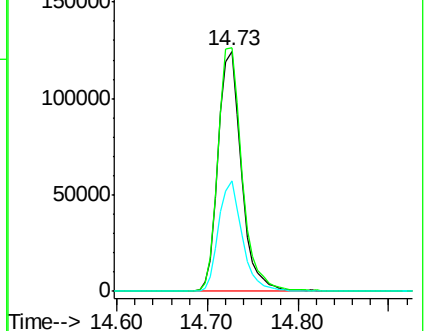
160 46.0 35.4 53.0



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: 152.861 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

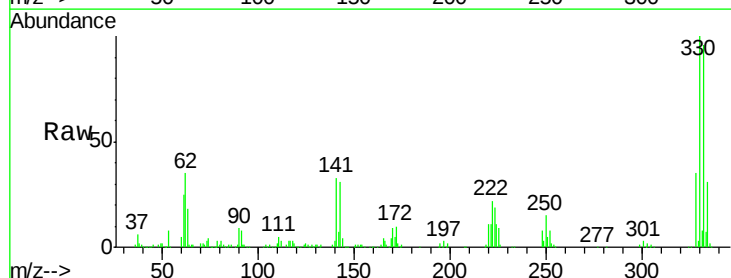
Tgt Ion:330 Resp: 396811

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

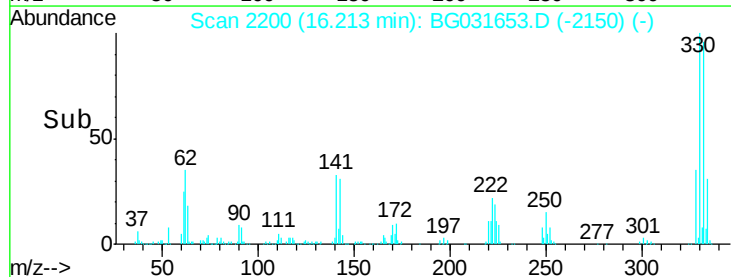
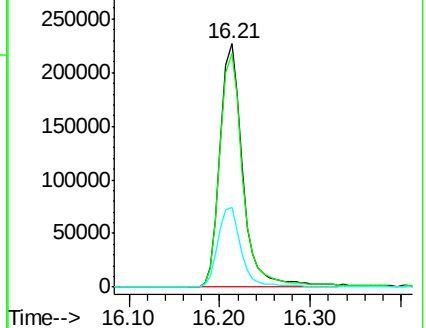
141 33.3 25.2 37.8

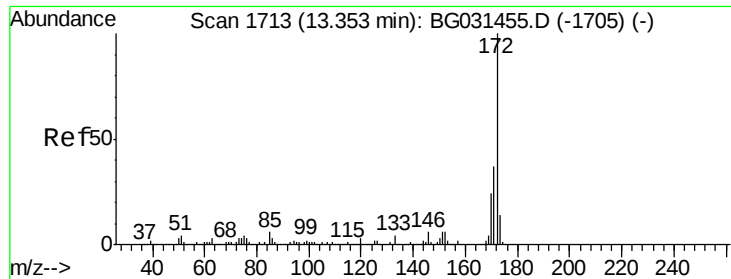


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

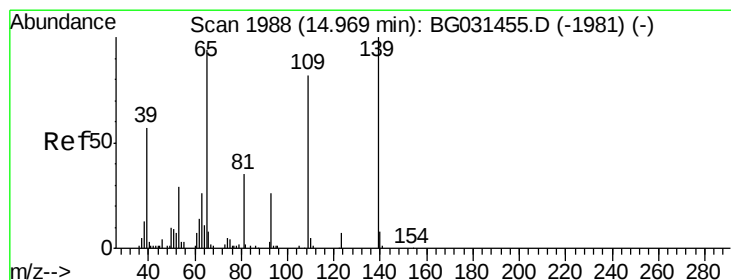
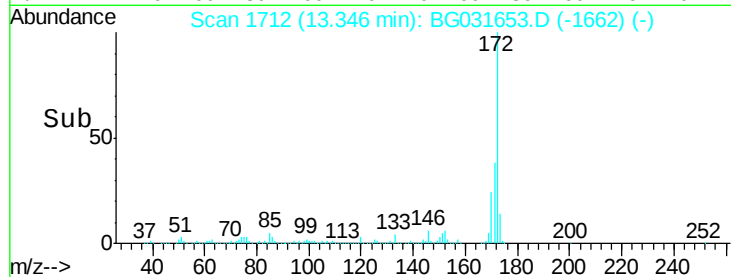
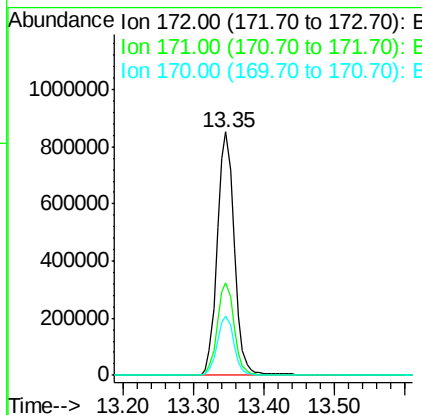
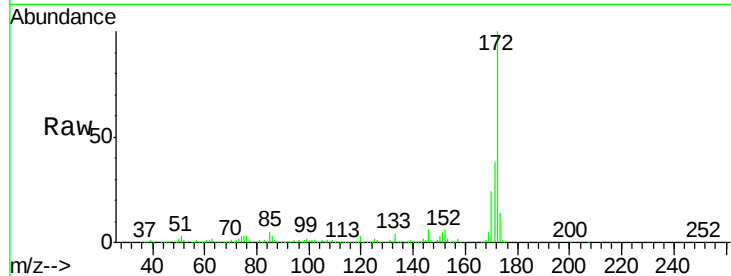




#44
2-Fluorobiphenyl
Concen: 95.167 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031653.D
Acq: 19 Dec 2017 3:06

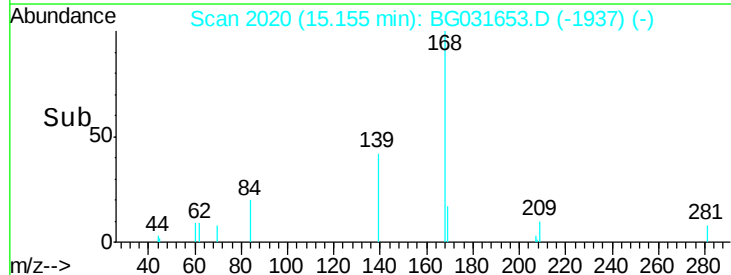
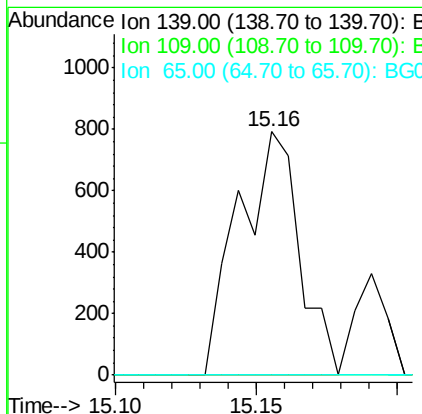
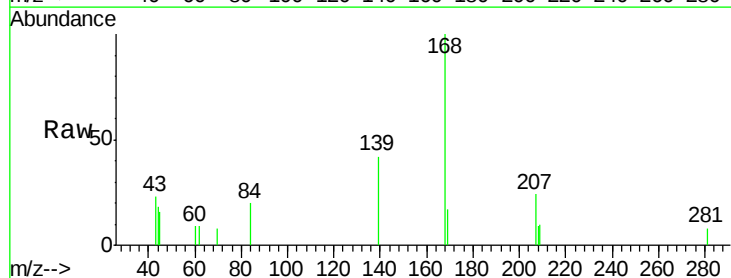
Instrument :
BNA_G
ClientSampleId :

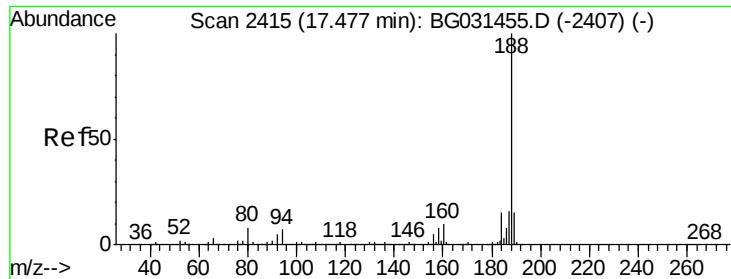
Tot Ion:172 Resp: 1436573
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 24.3 19.5 29.3



#55
4-Nitrophenol
Concen: 3.962 ng
RT: 15.16 min Scan# 2020
Delta R.T. 0.19 min
Lab File: BG031653.D
Acq: 19 Dec 2017 3:06

Tgt Ion:139 Resp: 1185
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

Instrument :

BNA_G

ClientSampleId :

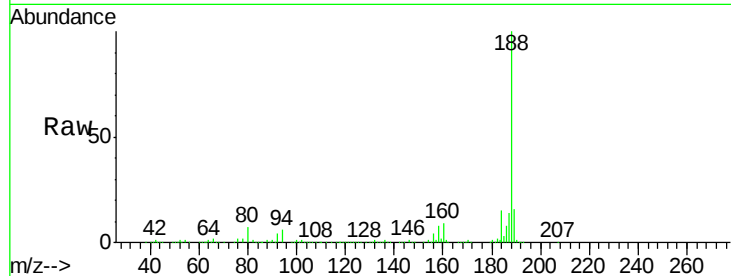
Tot Ion:188 Resp: 575507

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

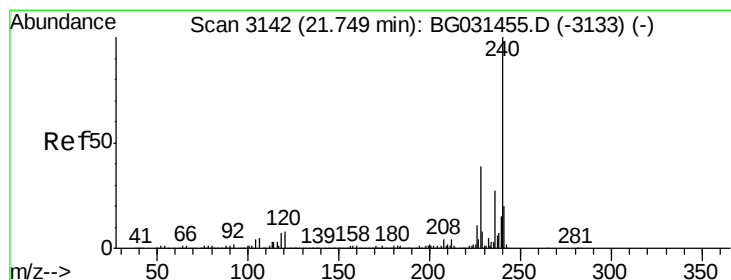
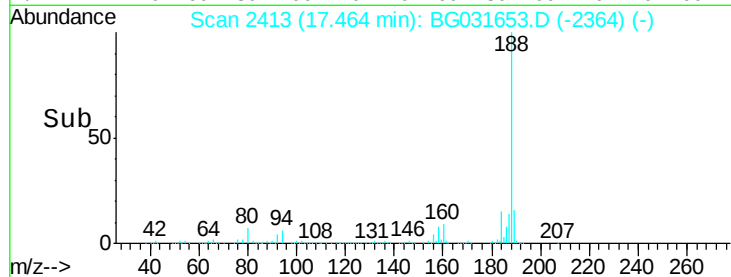
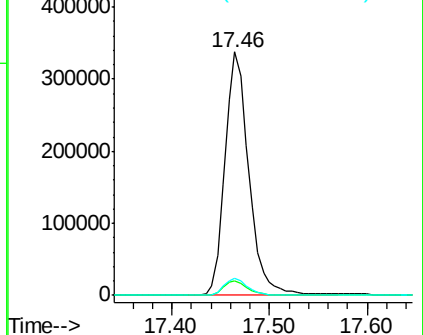
80 7.2 7.7 11.5#



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: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

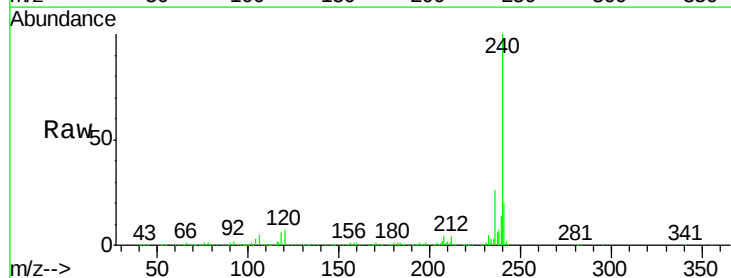
Tgt Ion:240 Resp: 591679

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

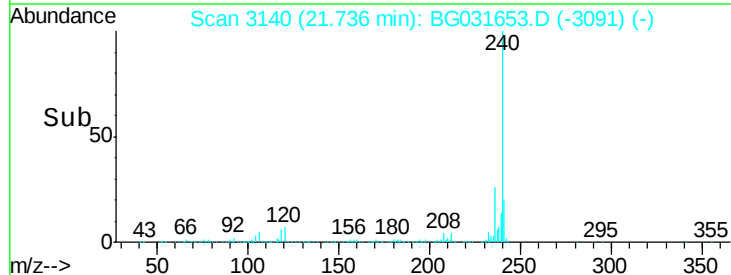
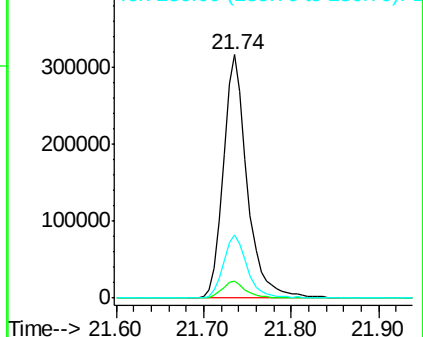
236 25.9 20.9 31.3

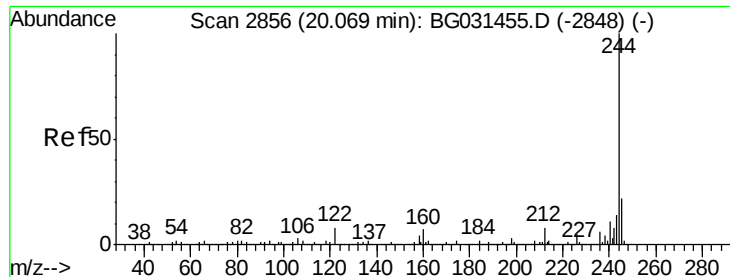


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.702 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

Instrument :

BNA_G

ClientSampleId :

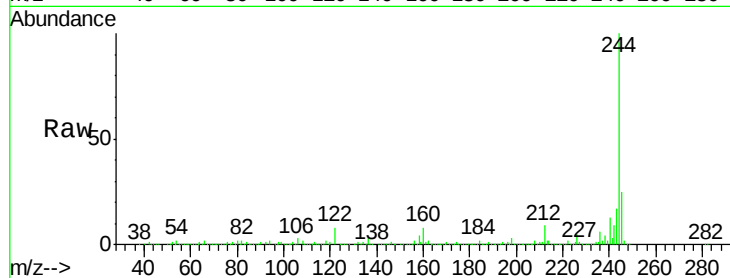
Tot Ion:244 Resp: 2514828

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

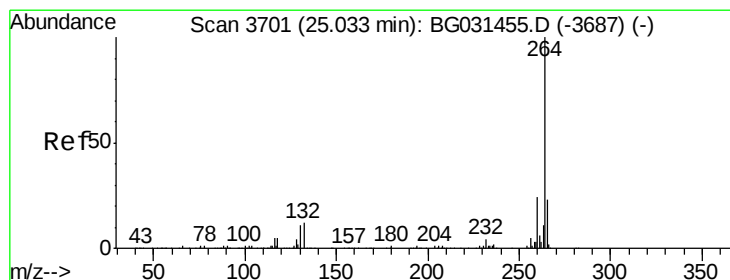
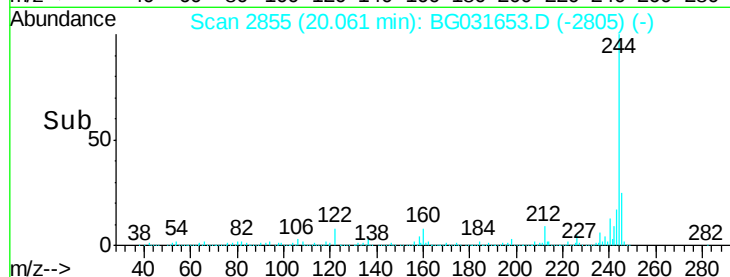
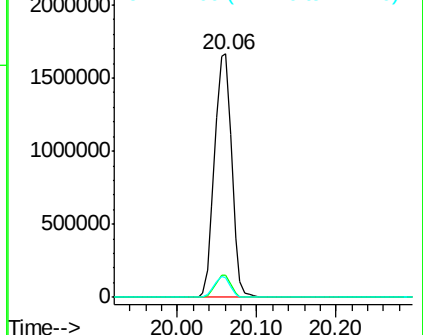
122 8.3 7.0 10.4



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: 20.000 ng

RT: 25.01 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031653.D

Acq: 19 Dec 2017 3:06

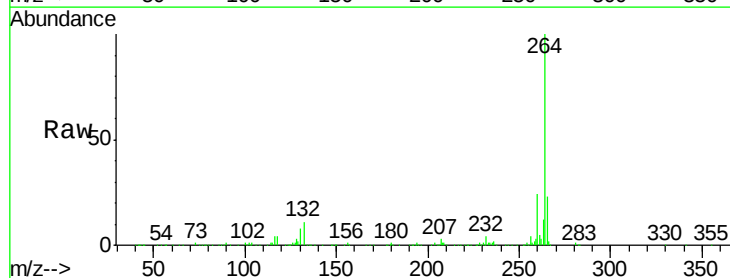
Tgt Ion:264 Resp: 516732

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.9 17.7 26.5



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

