

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
 Data File : BG030614.D
 Acq On : 31 Oct 2017 16:12
 Operator : SJ/JU
 Sample : I6133-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-01(17.5-19.5)

Quant Time: Nov 01 06:43:11 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

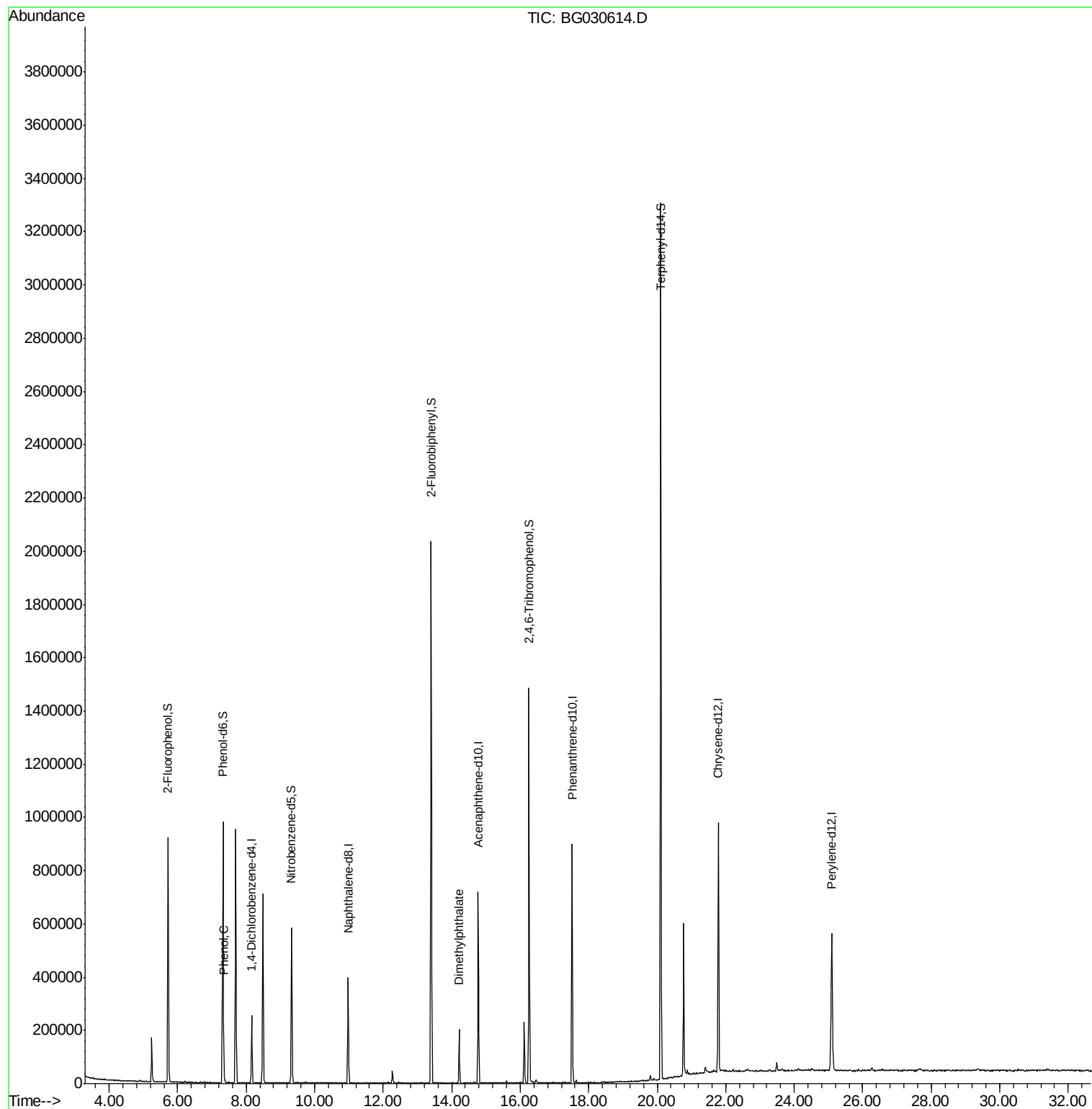
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	75170	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	364255	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	247312	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	547734	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	573630	20.00	ng	-0.02
86) Perylene-d12	25.10	264	578059	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	427472	95.00	ng	0.00
7) Phenol-d6	7.32	99	607212	96.14	ng	0.00
23) Nitrobenzene-d5	9.32	82	357159	62.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	299284	93.73	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	1074732	63.74	ng	-0.02
78) Terphenyl-d14	20.11	244	1524583	60.46	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	24404	3.584	ng	97
49) Dimethylphthalate	14.22	163	143995	7.462	ng	98

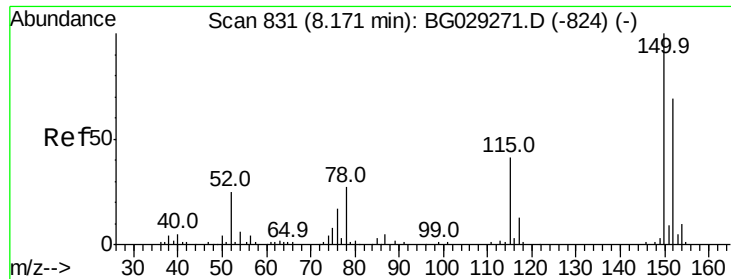
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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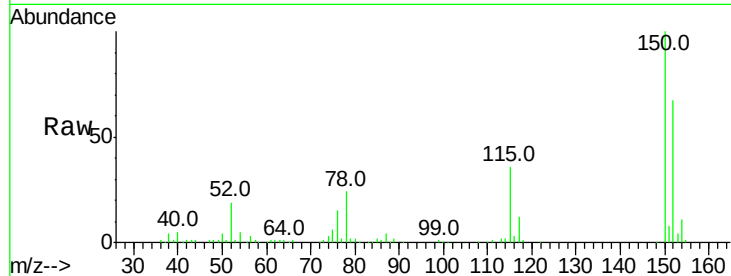


#1

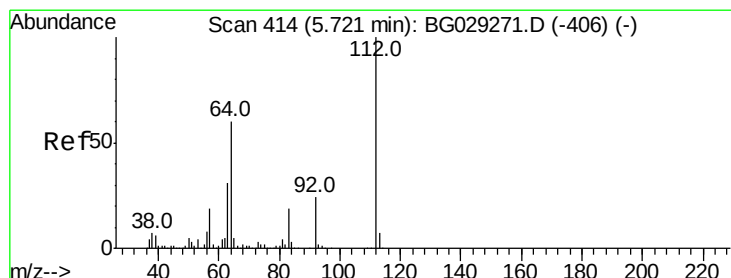
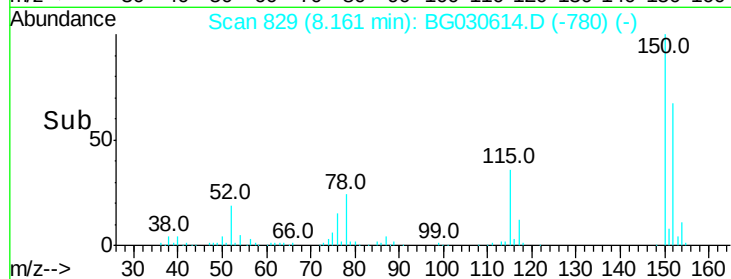
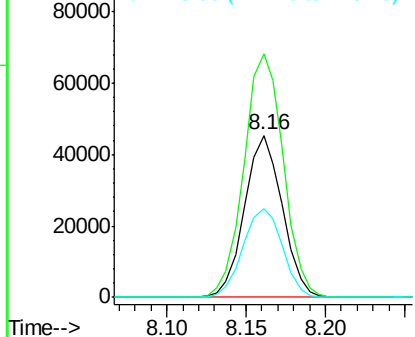
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Tot Ion:152 Resp: 75170
Ion Ratio Lower Upper
152 100
150 150.0 126.6 189.8
115 54.6 53.0 79.4



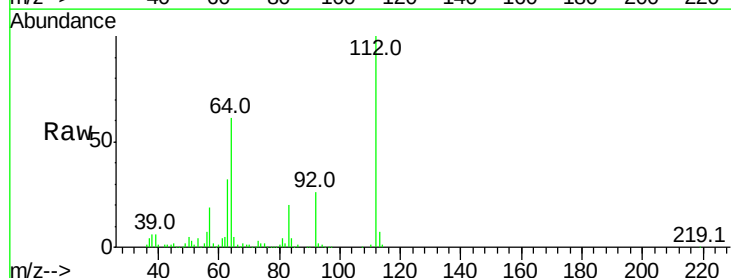
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



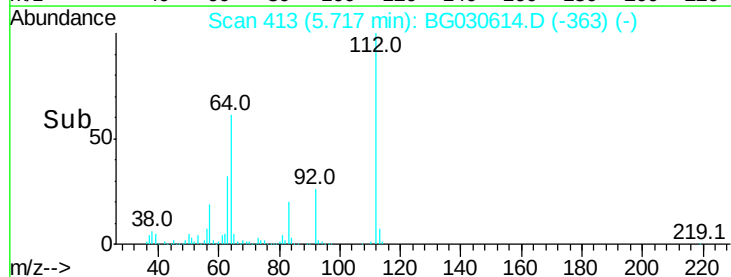
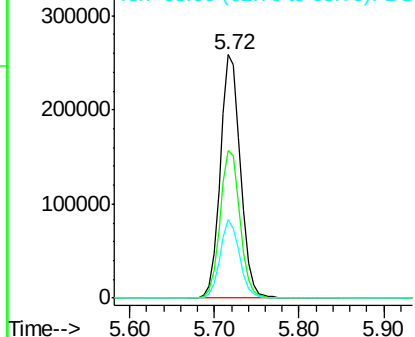
#5

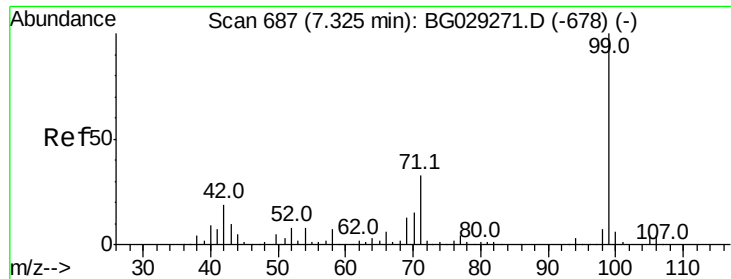
2-Fluorophenol
Concen: 95.000 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion:112 Resp: 427472
Ion Ratio Lower Upper
112 100
64 60.8 56.3 84.5
63 32.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 96.138 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

Instrument :

BNA_G

ClientSampleId :

SW-01(17.5-19.5)

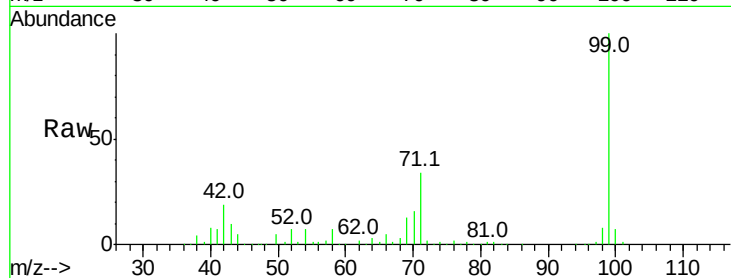
Tot Ion: 99 Resp: 607212

Ion Ratio Lower Upper

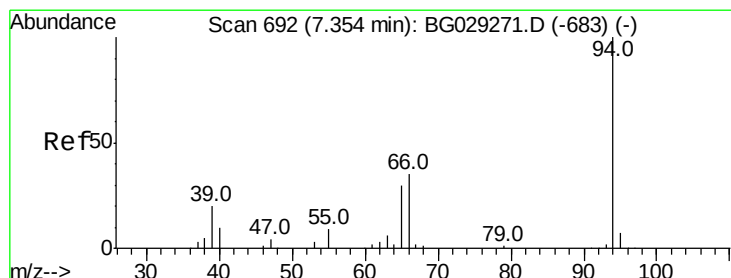
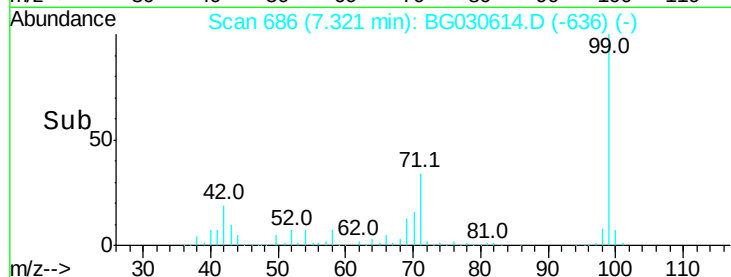
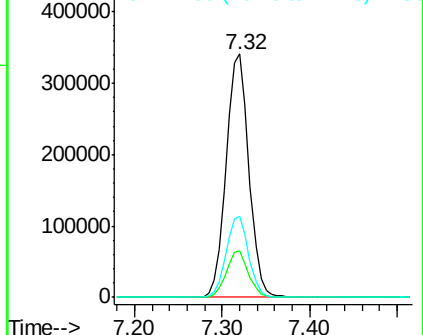
99 100

42 18.9 14.1 21.1

71 33.5 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



#10

Phenol

Concen: 3.584 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

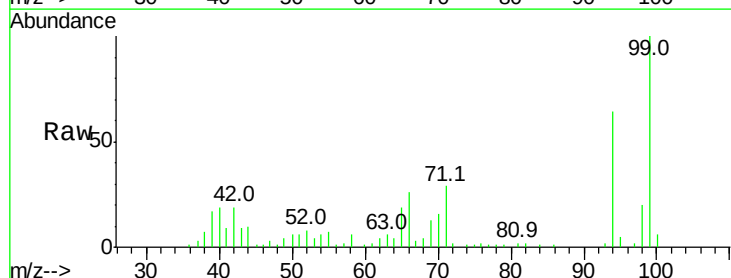
Tgt Ion: 94 Resp: 24404

Ion Ratio Lower Upper

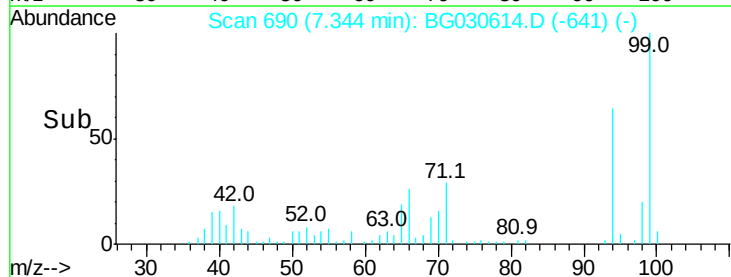
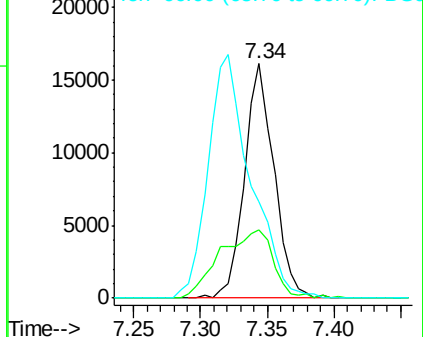
94 100

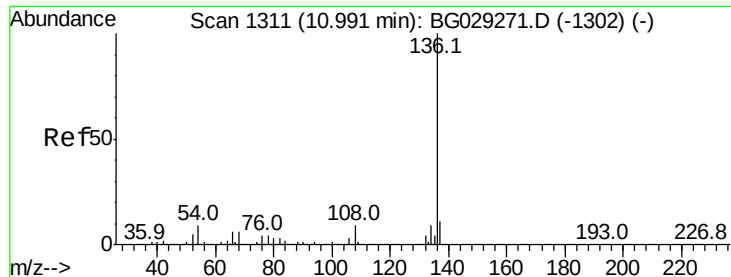
65 29.0 11.9 51.9

66 41.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

Instrument :

BNA_G

ClientSampleId :

SW-01(17.5-19.5)

Tot Ion:136 Resp: 364255

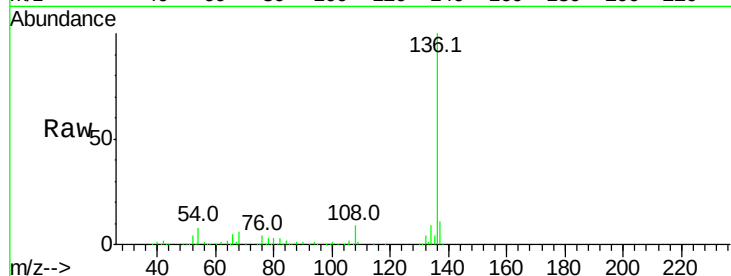
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.8 10.3 15.5#

68 5.5 4.5 6.7

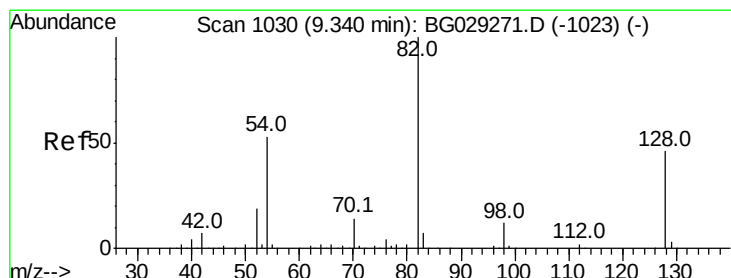
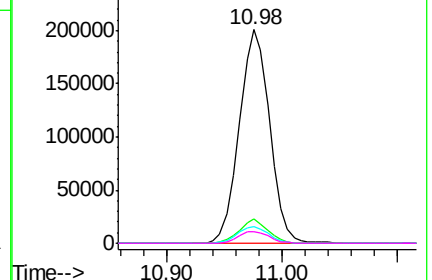
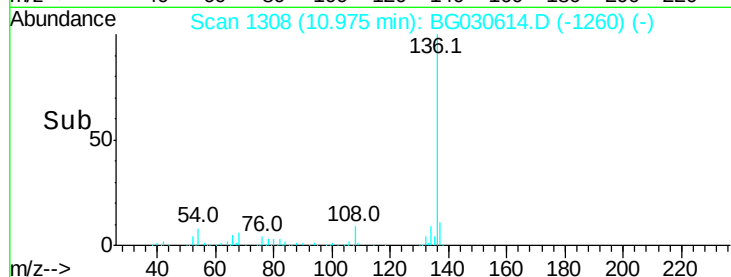


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 62.309 ng

RT: 9.32 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

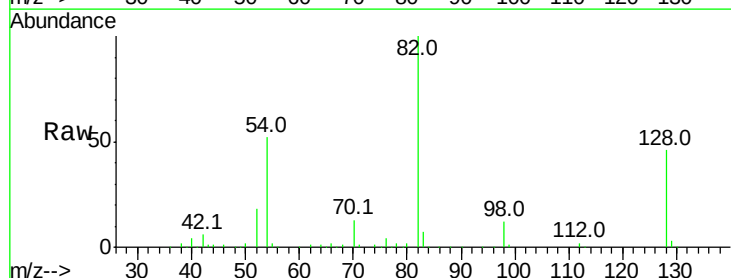
Tgt Ion: 82 Resp: 357159

Ion Ratio Lower Upper

82 100

128 45.7 29.7 44.5#

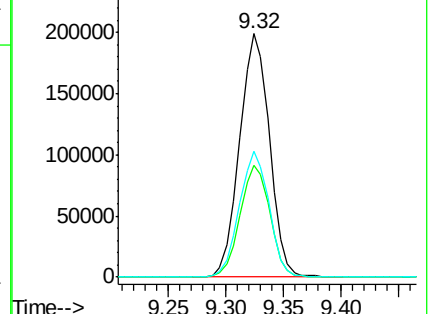
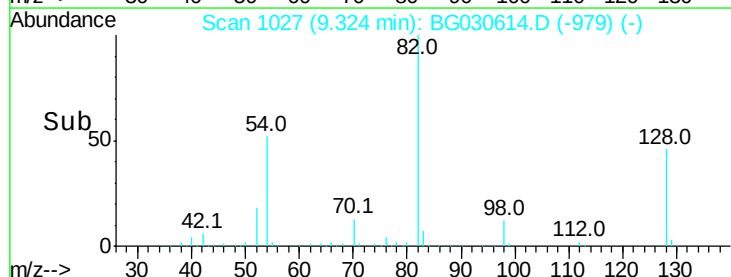
54 51.8 43.1 64.7

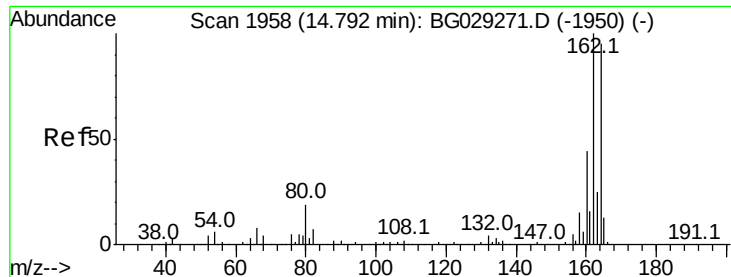


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

Instrument :

BNA_G

ClientSampleId :

SW-01(17.5-19.5)

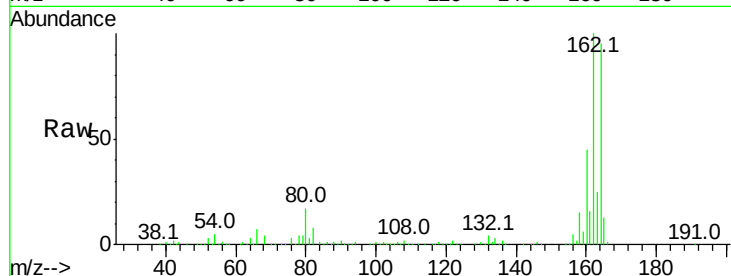
Tot Ion:164 Resp: 247312

Ion Ratio Lower Upper

164 100

162 105.0 78.8 118.2

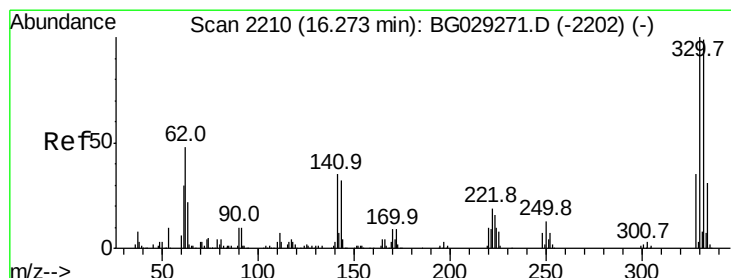
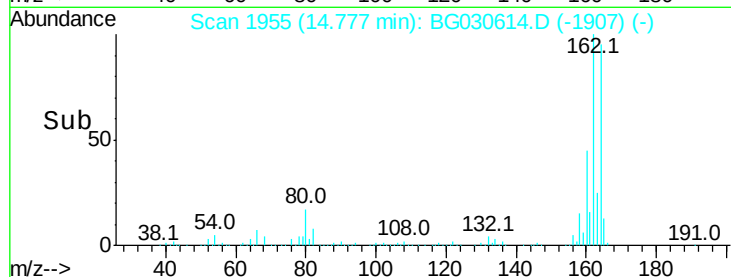
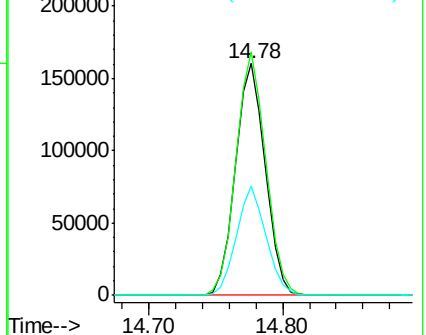
160 47.0 35.4 53.0



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: 93.730 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

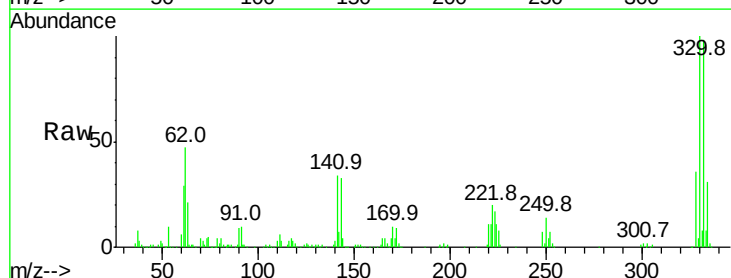
Tgt Ion:330 Resp: 299284

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

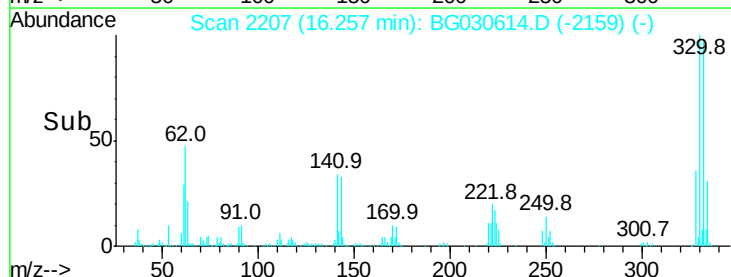
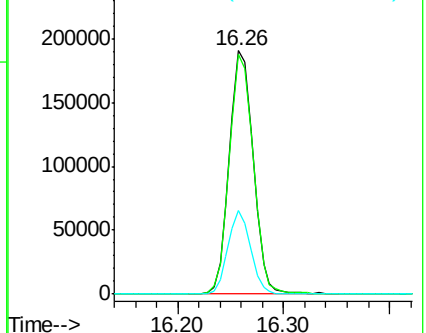
141 32.5 25.2 37.8

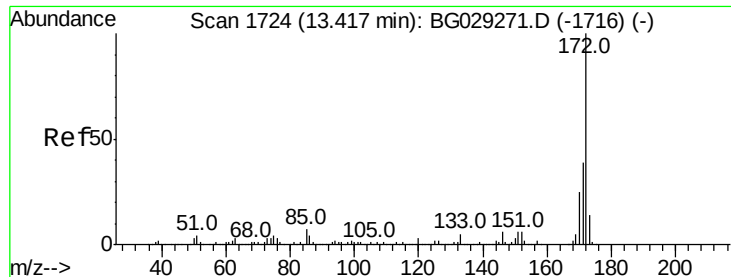


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



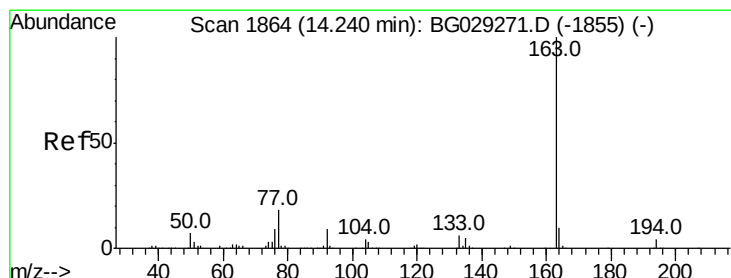
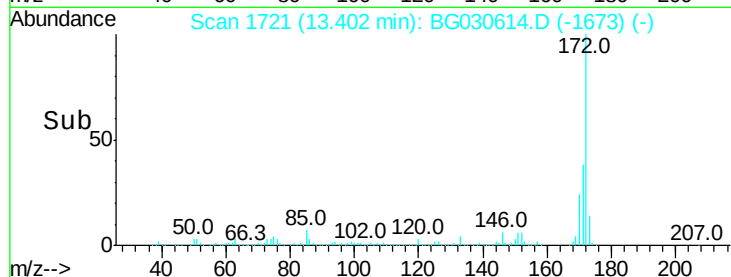
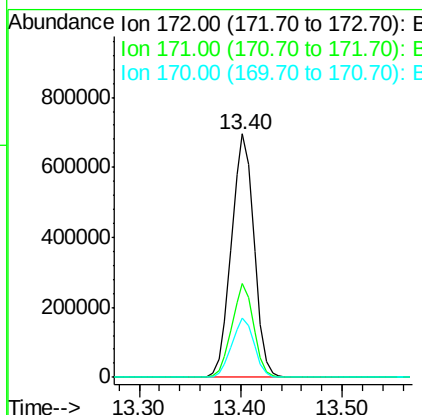
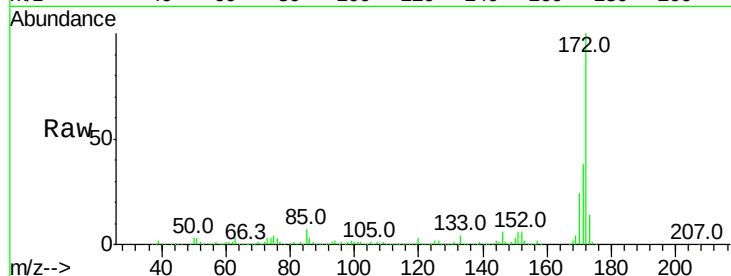


#44
 2-Fluorobiphenyl
 Concen: 63.736 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030614.D
 Acq: 31 Oct 2017 16:12

Instrument :
 BNA_G
 ClientSampleId :
 SW-01(17.5-19.5)

Tot Ion:172 Resp: 1074732

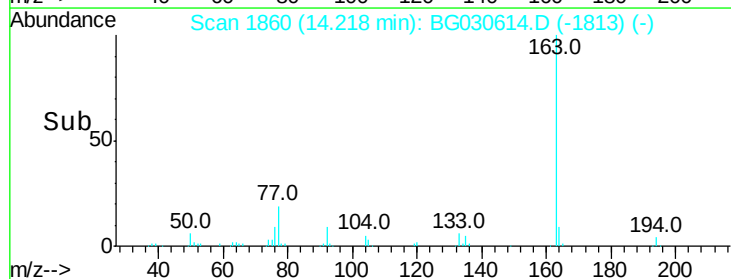
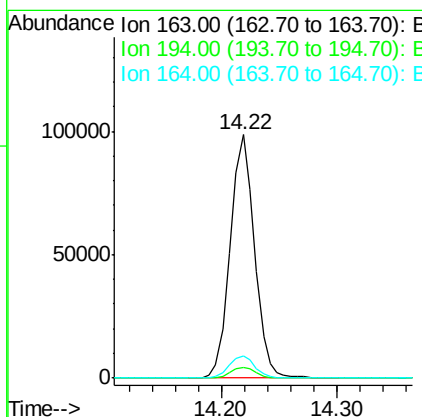
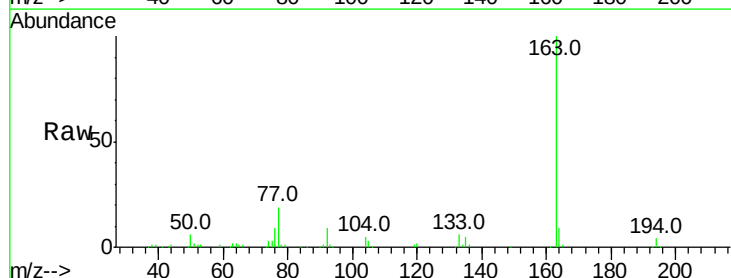
Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.5	19.5	29.3

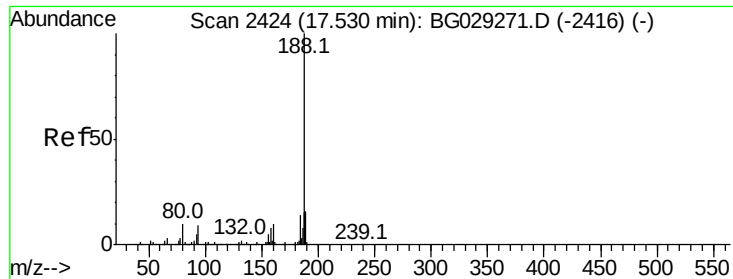


#49
 Dimethylphthalate
 Concen: 7.462 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.02 min
 Lab File: BG030614.D
 Acq: 31 Oct 2017 16:12

Tgt Ion:163 Resp: 143995

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.4	8.2	12.4

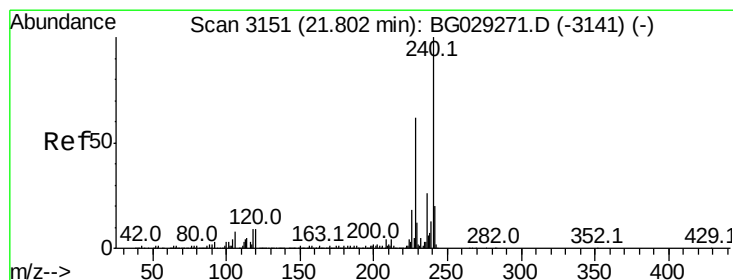
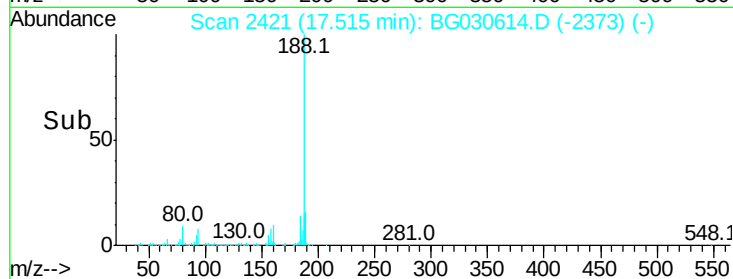
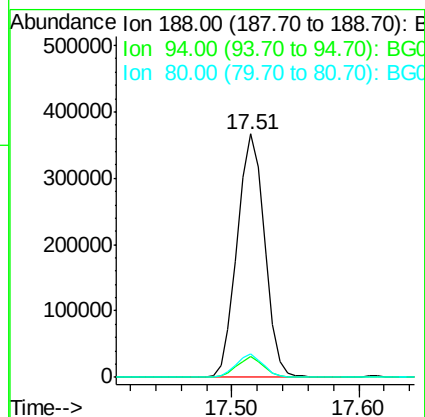
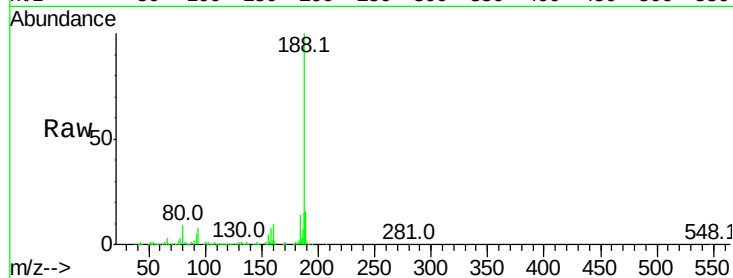




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

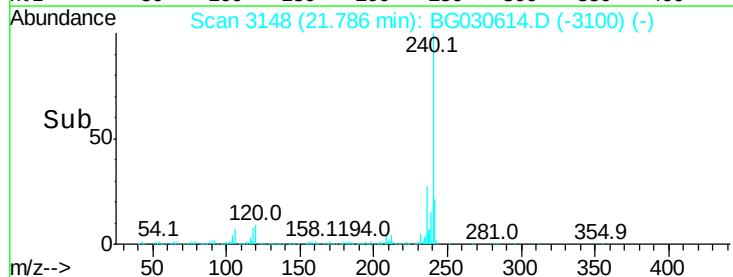
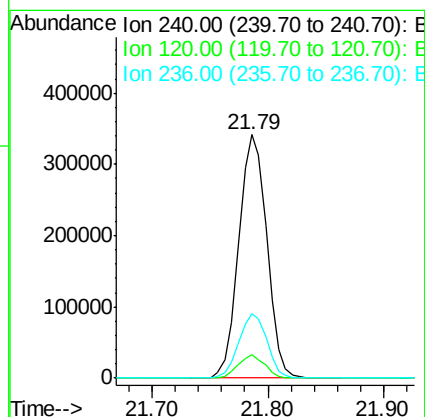
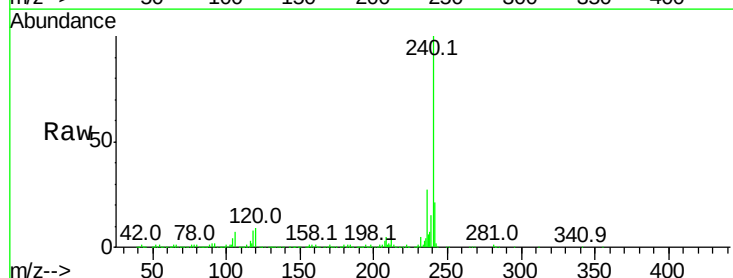
Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

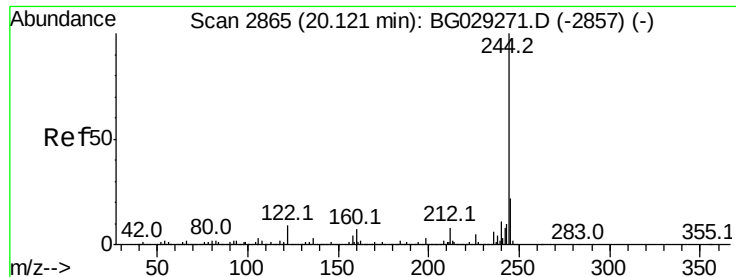
Tot Ion:188 Resp: 547734
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion:240 Resp: 573630
Ion Ratio Lower Upper
240 100
120 9.4 6.8 10.2
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 60.463 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

Instrument :

BNA_G

ClientSampleId :

SW-01(17.5-19.5)

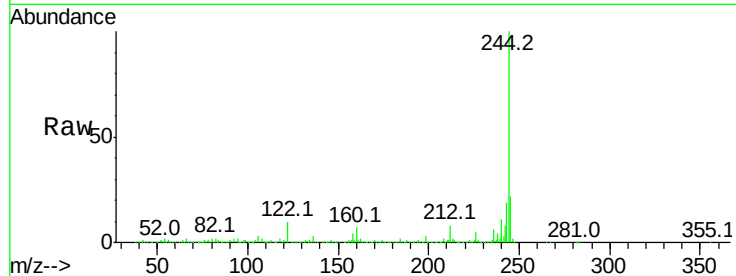
Tot Ion:244 Resp: 1524583

Ion Ratio Lower Upper

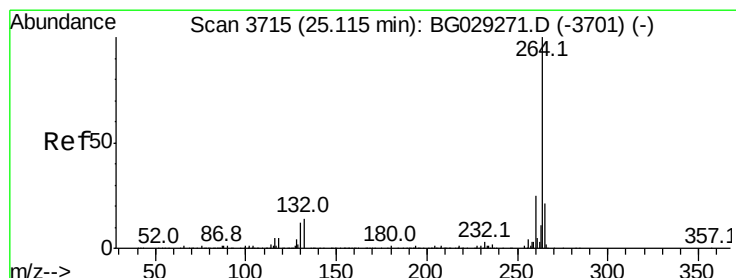
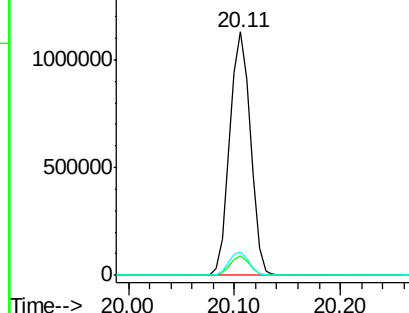
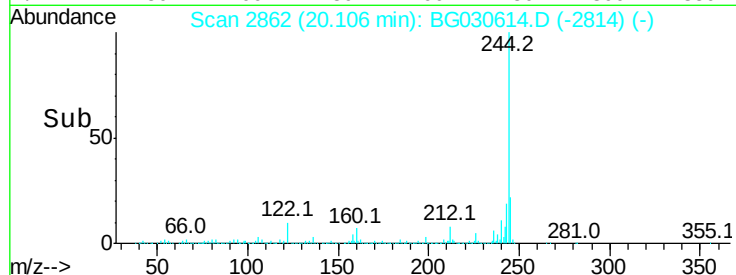
244 100

212 8.0 5.8 8.8

122 9.7 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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

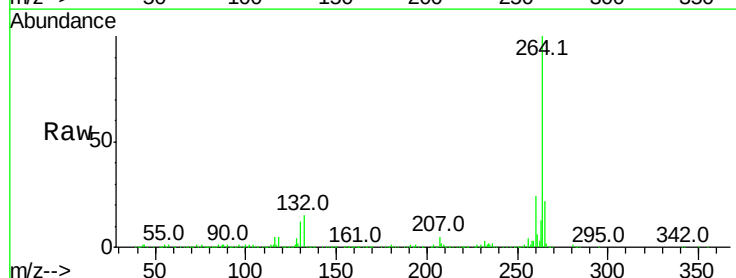
Tgt Ion:264 Resp: 578059

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.9 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

