

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
 Data File : BG028775.D
 Acq On : 15 Sep 2017 20:00
 Operator : SJ/JU
 Sample : I5189-17RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 16 04:54:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

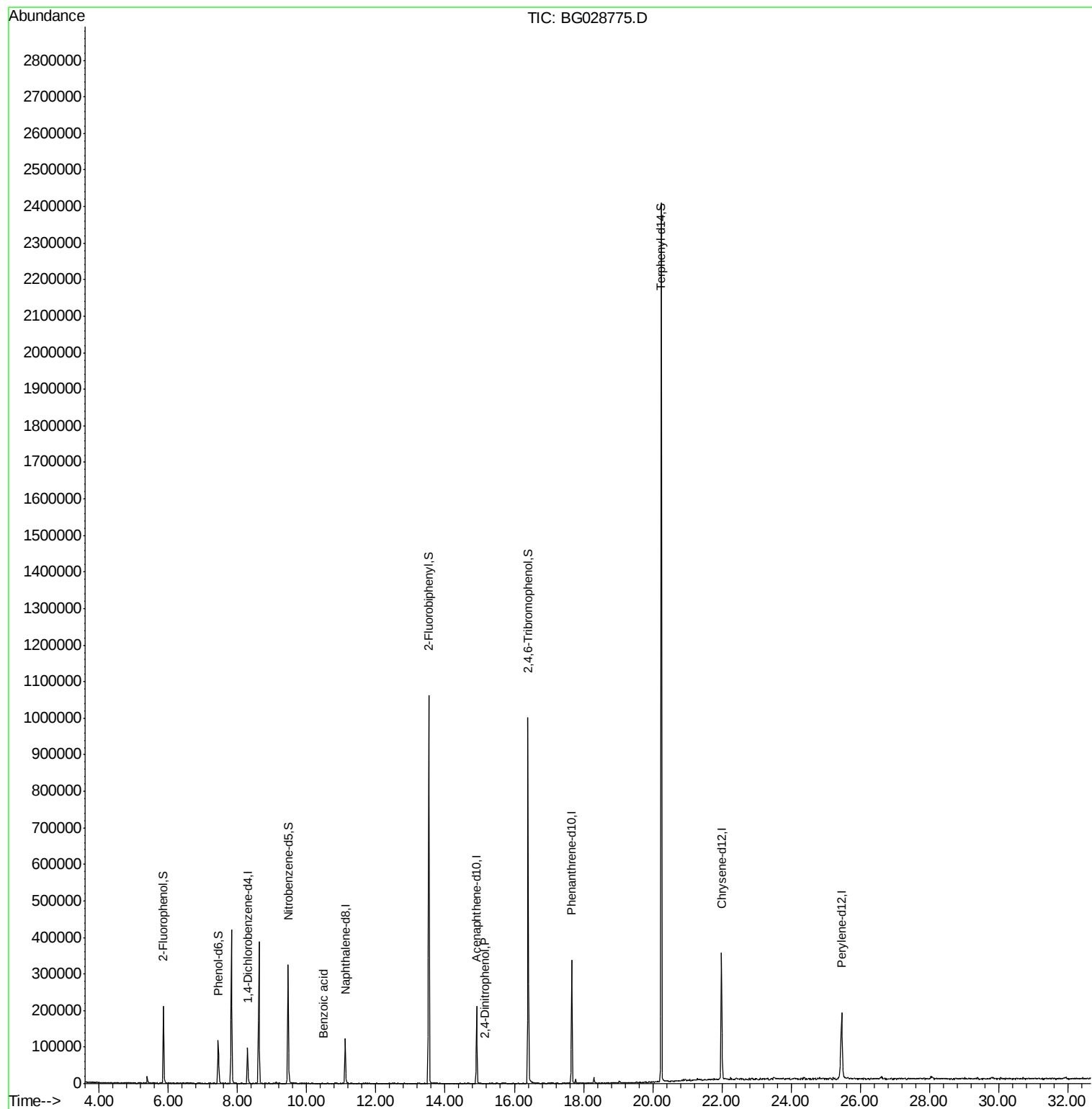
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	26951	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	103155	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	76855	20.00	ng	-0.03
63) Phenanthrene-d10	17.66	188	218965	20.00	ng	-0.03
75) Chrysene-d12	21.99	240	243517	20.00	ng	-0.05
86) Perylene-d12	25.46	264	243911	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	95345	58.37	ng	-0.04
7) Phenol-d6	7.44	99	75960	30.89	ng	-0.05
23) Nitrobenzene-d5	9.46	82	220368	102.19	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	214662	168.87	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	580731	100.76	ng	-0.03
78) Terphenyl-d14	20.25	244	1138041	99.66	ng	-0.03
Target Compounds						
32) Benzoic acid	10.48	122	67	6.130	ng	# 1
53) 2,4-Dinitrophenol	15.14	184	84	8.101	ng	# 15

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
Data File : BG028775.D
Acq On : 15 Sep 2017 20:00
Operator : SJ/JU
Sample : I5189-17RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 16 04:54:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

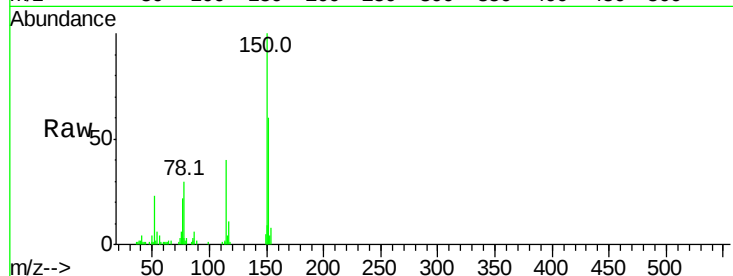
Tot Ion:152 Resp: 26951

Ion Ratio Lower Upper

152 100

150 166.0 114.0 171.0

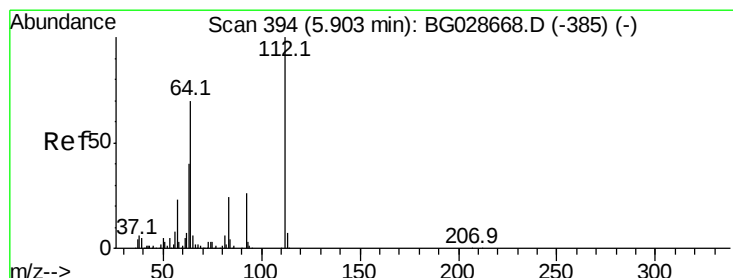
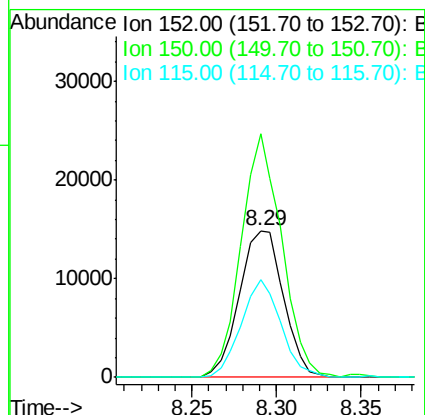
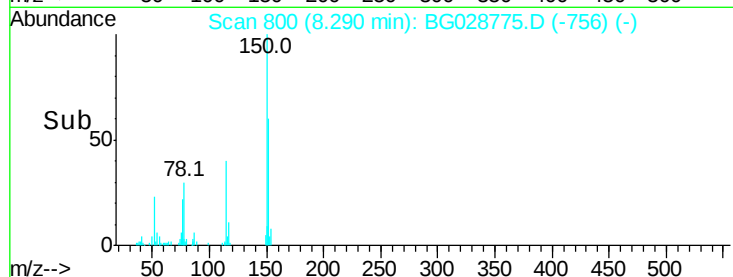
115 66.5 48.1 72.1



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: 58.374 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.04 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

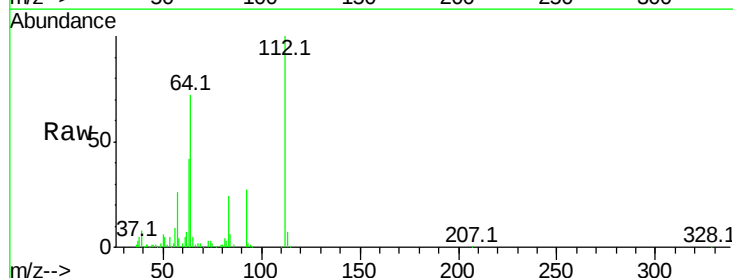
Tgt Ion:112 Resp: 95345

Ion Ratio Lower Upper

112 100

64 72.4 61.8 92.6

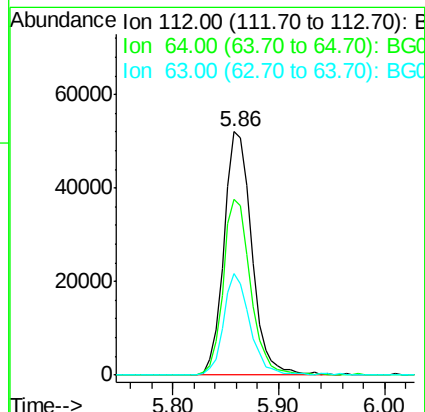
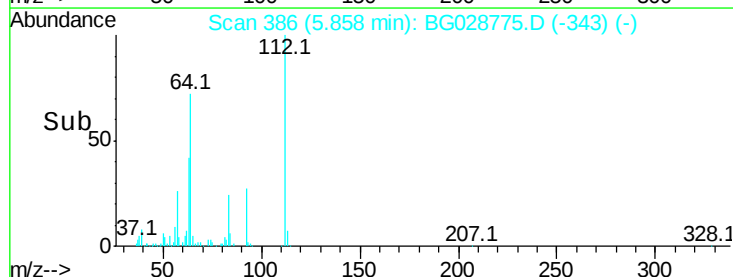
63 41.7 37.2 55.8

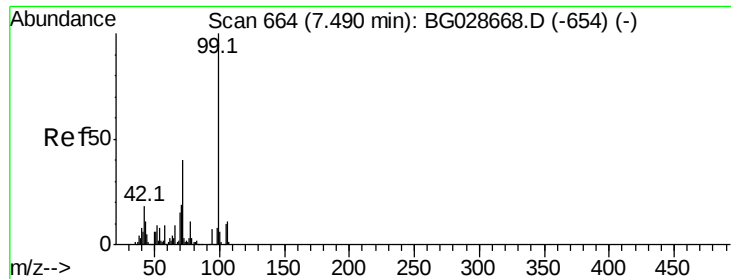


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 30.888 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

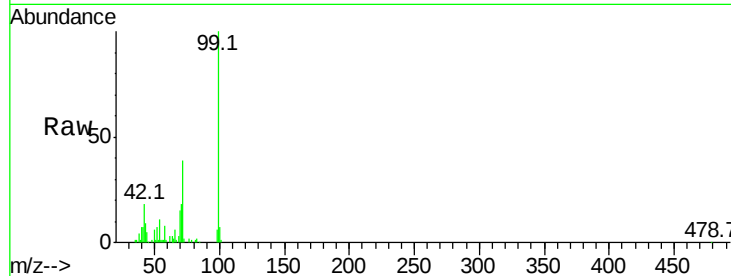
Tot Ion: 99 Resp: 75960

Ion Ratio Lower Upper

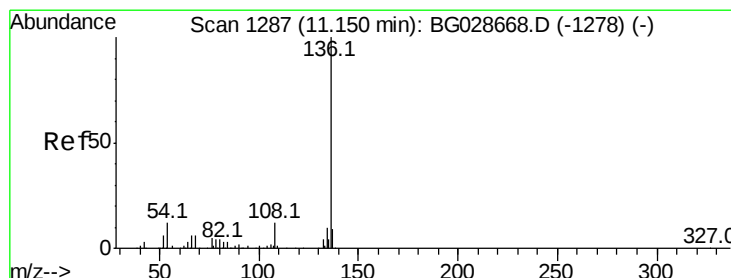
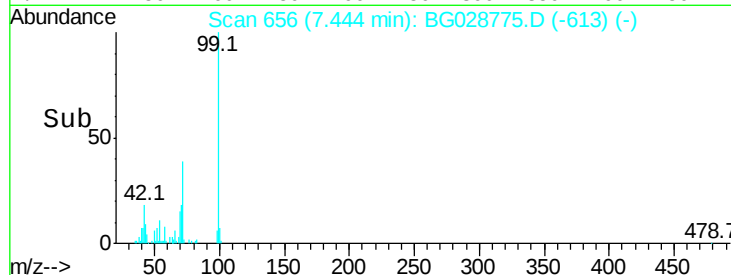
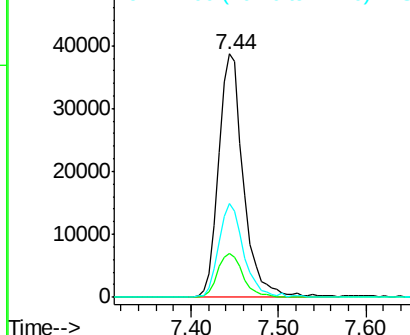
99 100

42 18.2 20.5 30.7#

71 38.8 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: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

Tgt Ion: 136 Resp: 103155

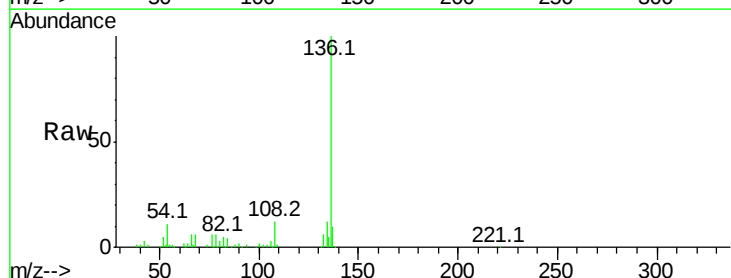
Ion Ratio Lower Upper

136 100

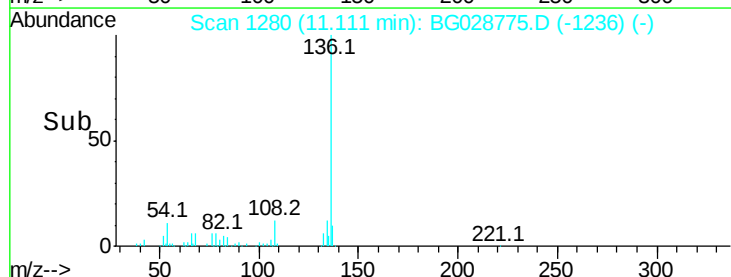
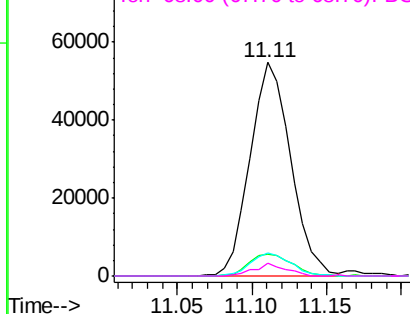
137 10.5 8.9 13.3

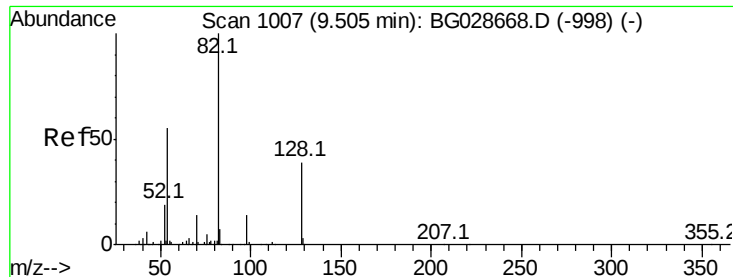
54 11.0 9.3 13.9

68 6.0 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

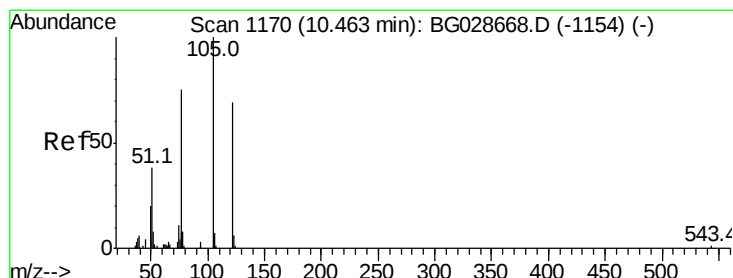
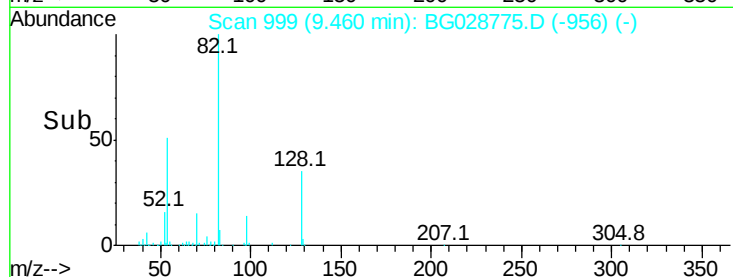
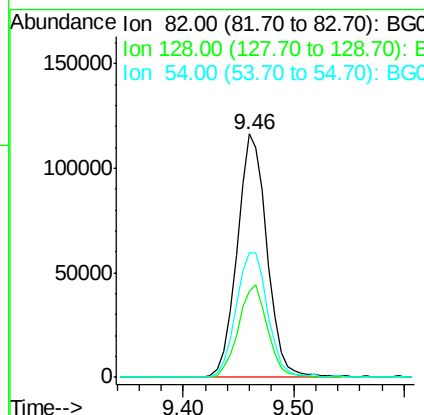
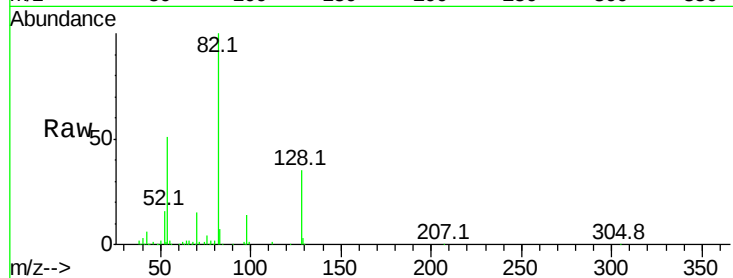




#23
Nitrobenzene-d5
Concen: 102.194 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028775.D
Acq: 15 Sep 2017 20:00

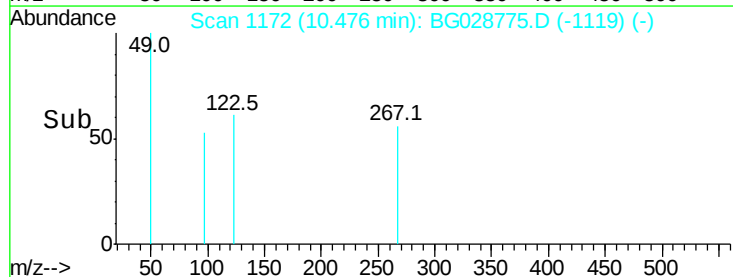
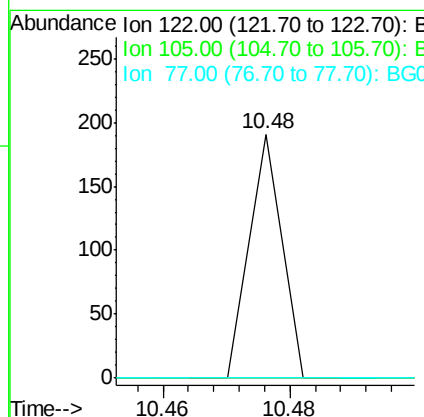
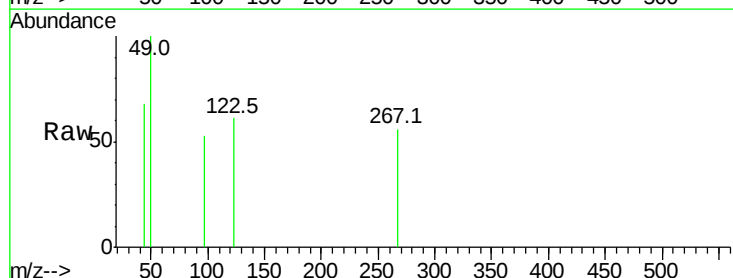
Instrument :
BNA_G
ClientSampled :

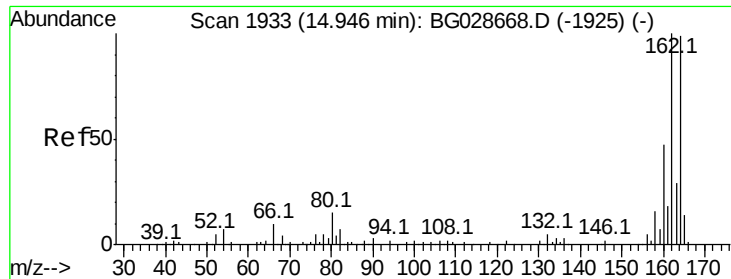
Tot Ion	82	Resp	220368
Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.4	39.6
54	51.2	49.4	74.2



#32
Benzoic acid
Concen: 6.130 ng
RT: 10.48 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG028775.D
Acq: 15 Sep 2017 20:00

Tgt Ion	122	Resp	67
Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1927

Delta R.T. -0.03 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

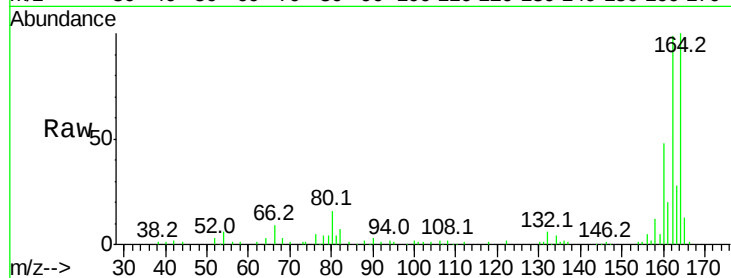
Tot Ion:164 Resp: 76855

Ion Ratio Lower Upper

164 100

162 99.1 85.1 127.7

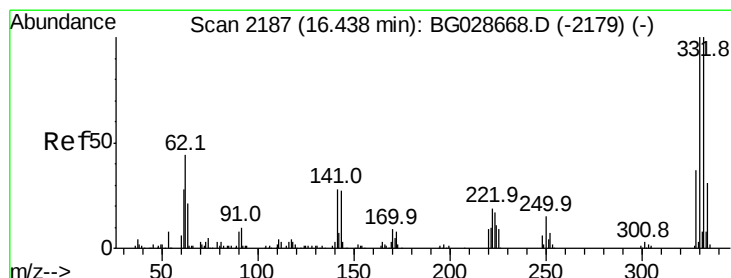
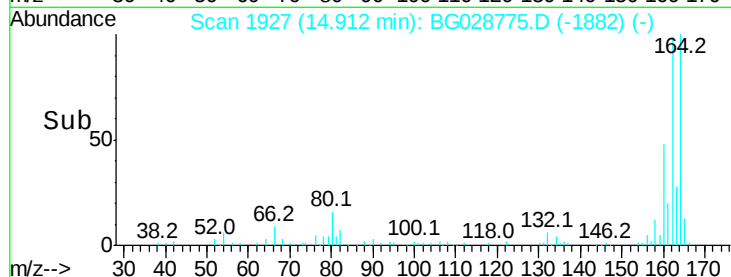
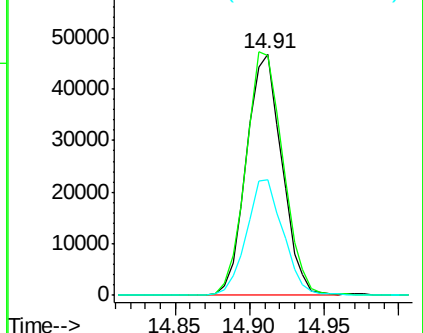
160 48.0 34.7 52.1



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: 168.874 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

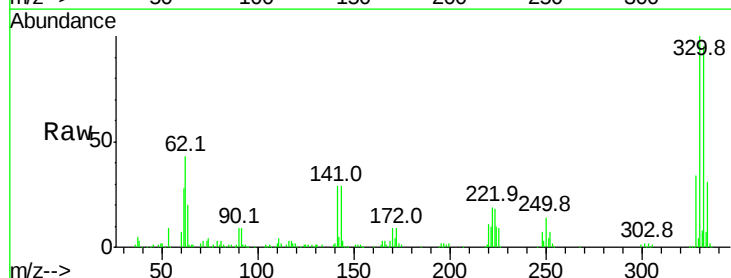
Tgt Ion:330 Resp: 214662

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

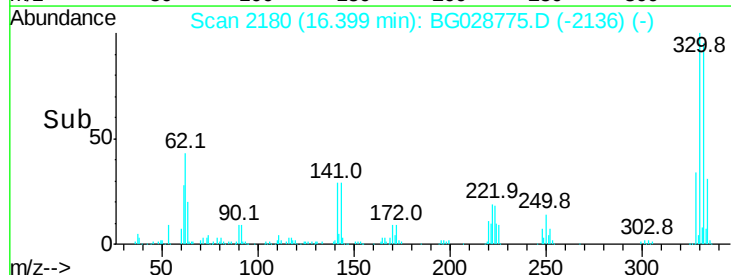
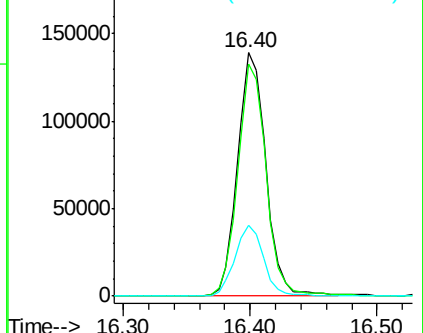
141 29.6 32.1 48.1#

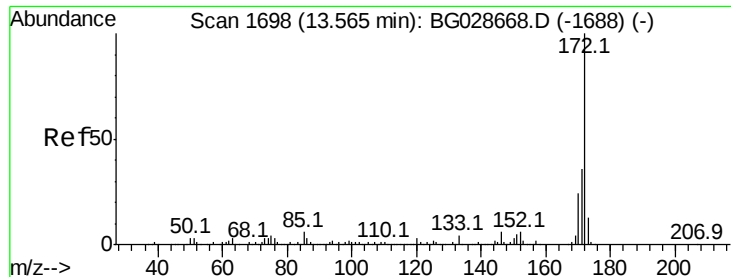


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

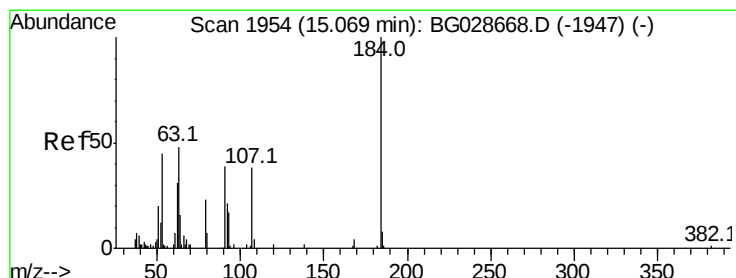
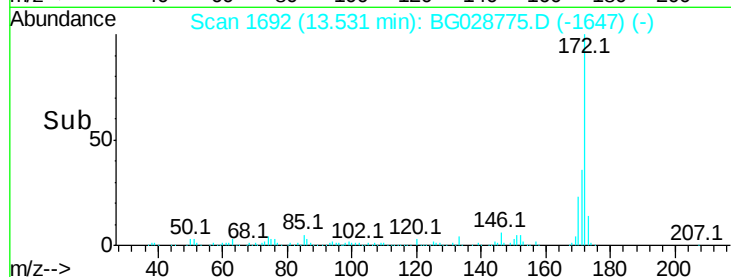
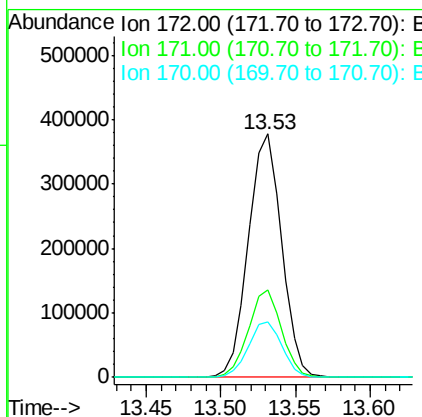
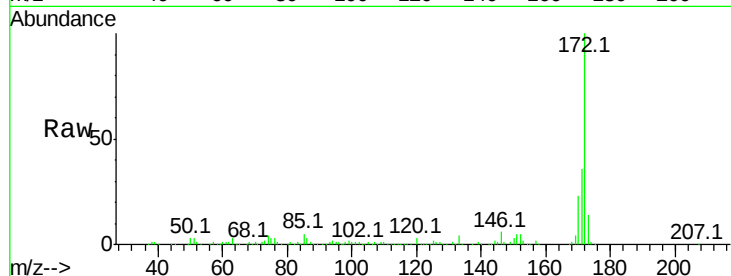




#44
 2-Fluorobiphenyl
 Concen: 100.756 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.03 min
 Lab File: BG028775.D
 Acq: 15 Sep 2017 20:00

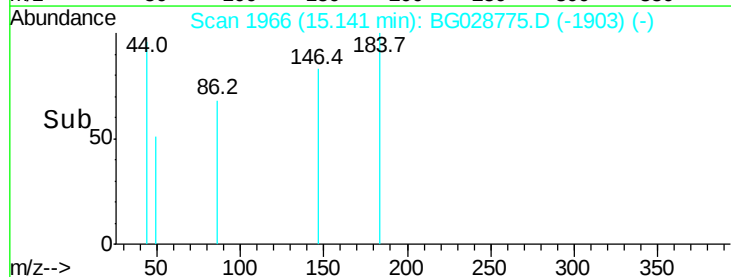
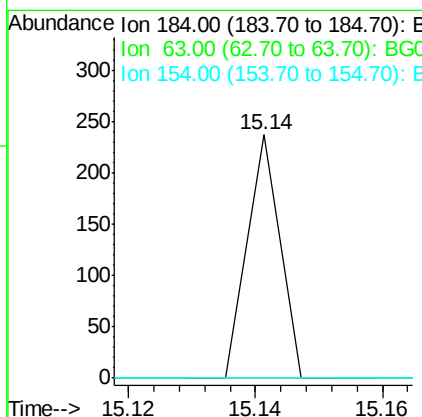
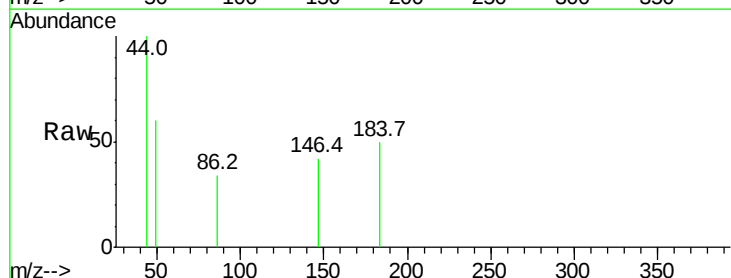
Instrument :
 BNA_G
 ClientSampleId :

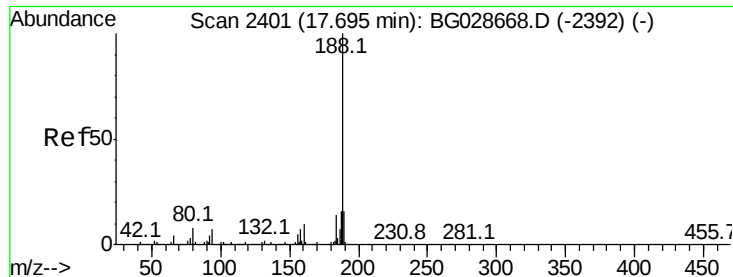
Tot Ion:172 Resp: 580731
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 22.6 21.8 32.6



#53
 2,4-Dinitrophenol
 Concen: 8.101 ng
 RT: 15.14 min Scan# 1966
 Delta R.T. 0.07 min
 Lab File: BG028775.D
 Acq: 15 Sep 2017 20:00

Tgt Ion:184 Resp: 84
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.03 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

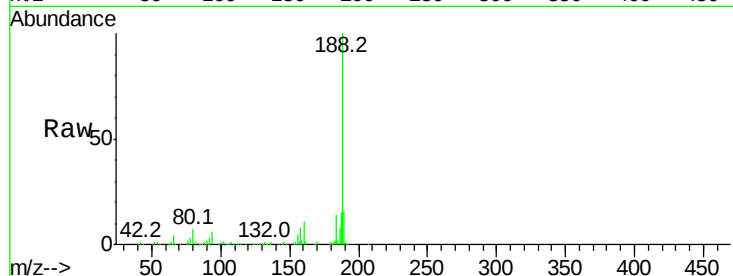
Tot Ion:188 Resp: 218965

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

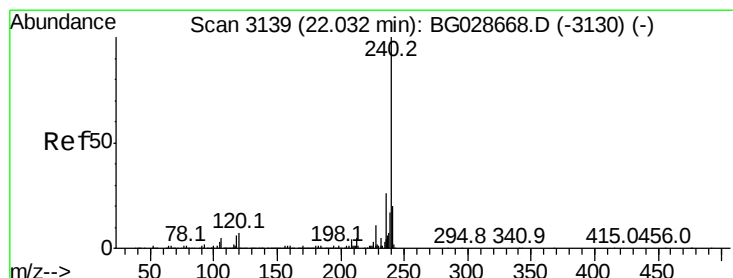
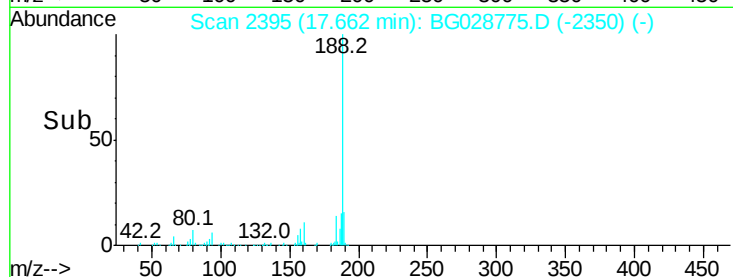
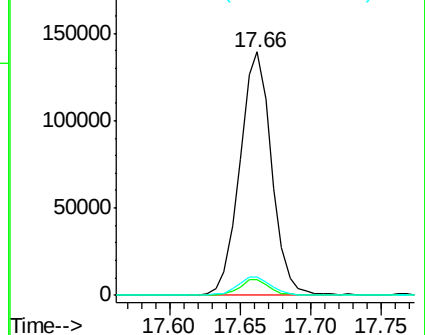
80 7.4 7.5 11.3#



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: 20.000 ng

RT: 21.99 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

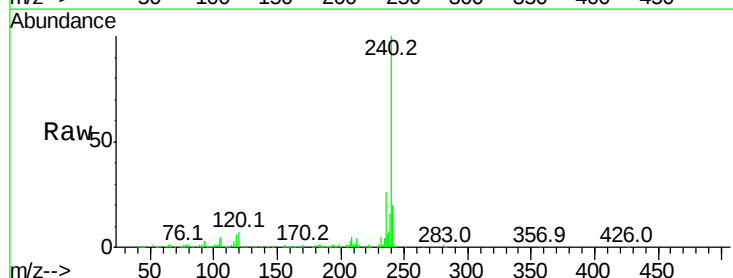
Tgt Ion:240 Resp: 243517

Ion Ratio Lower Upper

240 100

120 7.4 5.7 8.5

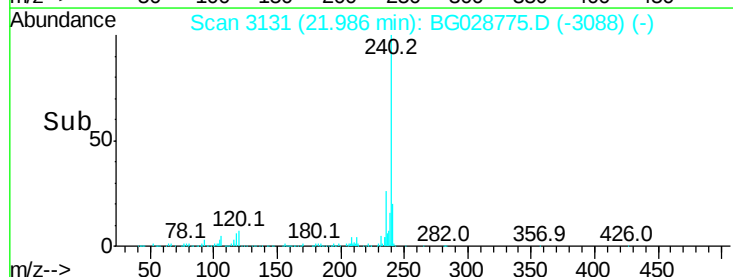
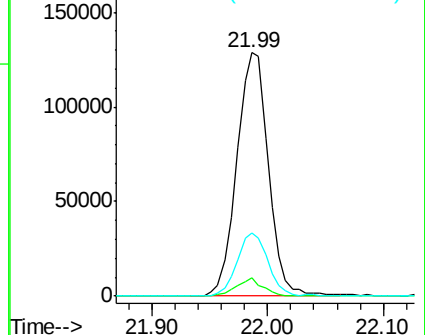
236 26.1 22.2 33.4

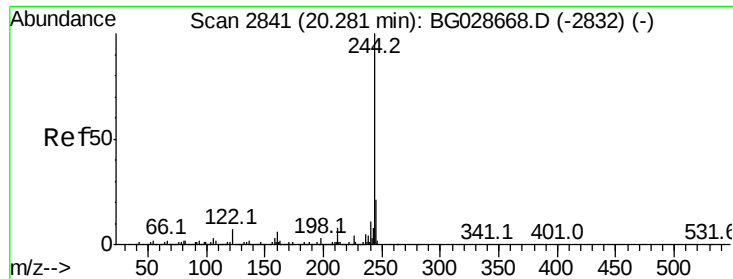


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.662 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

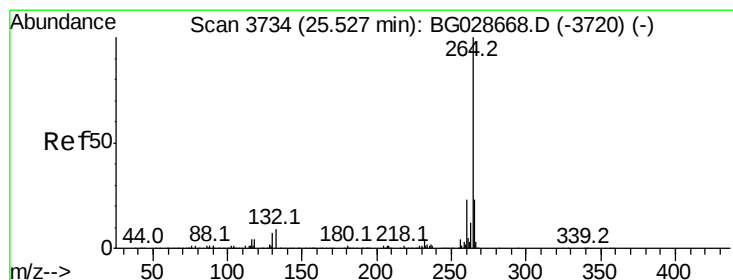
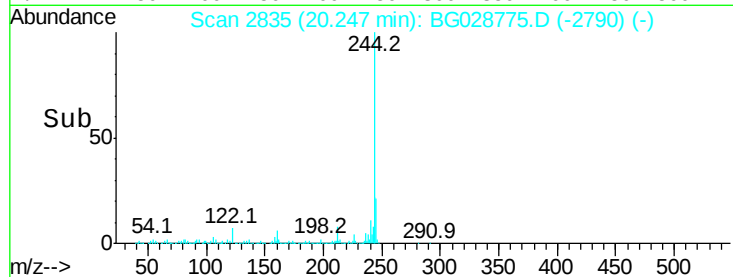
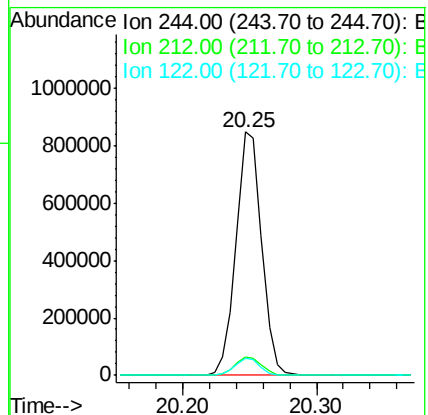
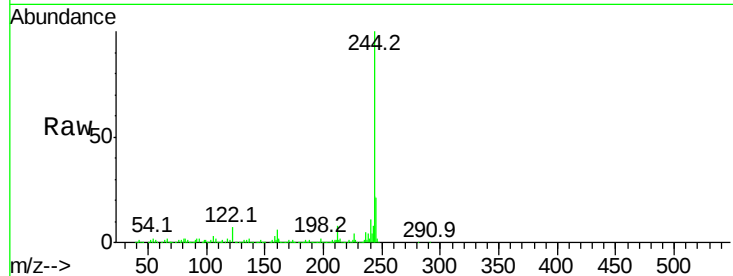
Tot Ion:244 Resp: 1138041

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 6.9 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028775.D

Acq: 15 Sep 2017 20:00

Tgt Ion:264 Resp: 243911

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.4 18.2 27.4

