

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
 Data File : BG028786.D
 Acq On : 16 Sep 2017 4:42
 Operator : SJ/JU
 Sample : I5187-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 16 06:38:23 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

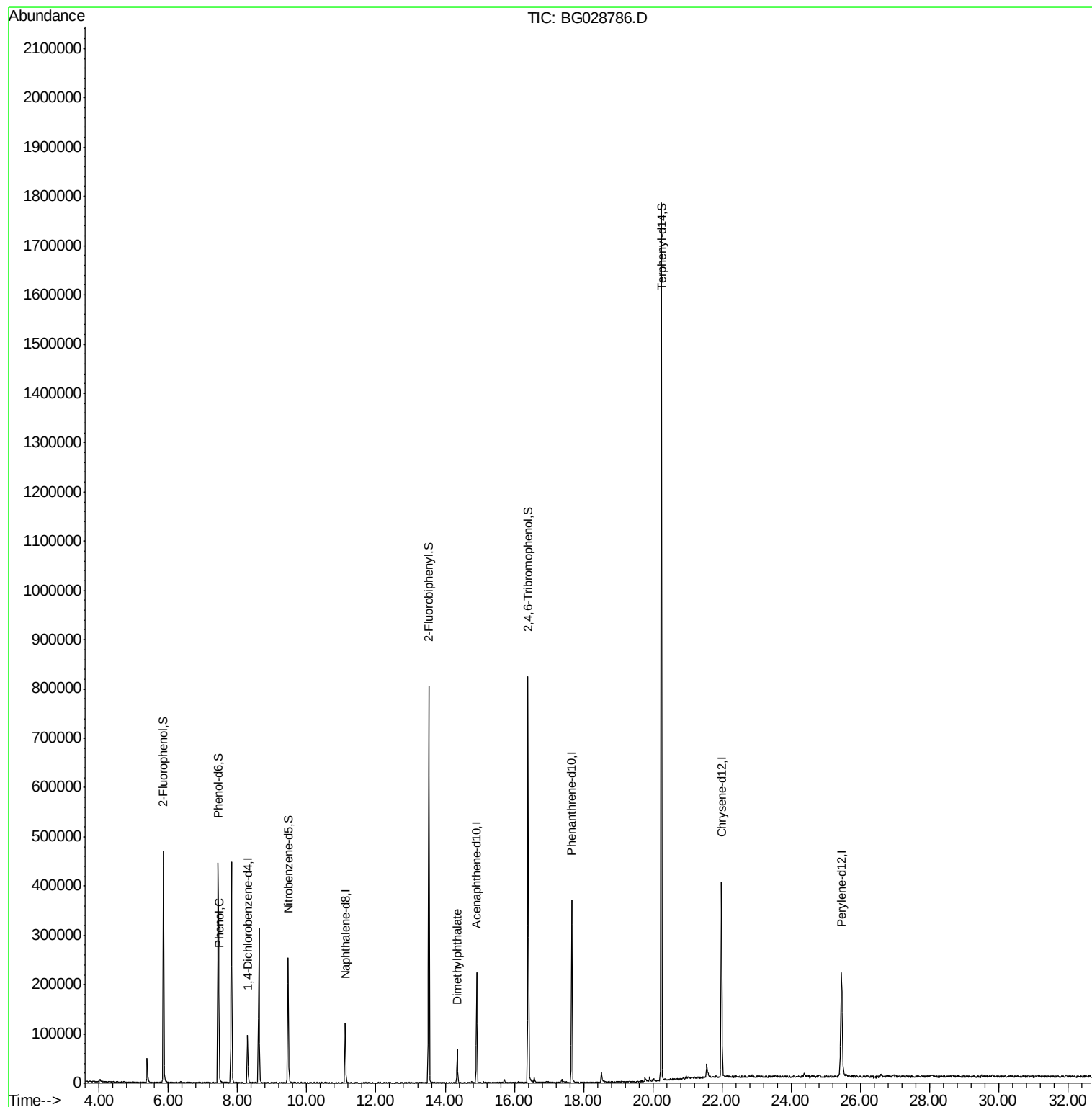
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27335	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	107974	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	84874	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	242077	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	275360	20.00	ng	-0.05
86) Perylene-d12	25.46	264	282165	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	203507	122.84	ng	-0.05
7) Phenol-d6	7.44	99	272294	109.17	ng	-0.05
23) Nitrobenzene-d5	9.46	82	170760	75.65	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	180227	128.39	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	427866	67.22	ng	-0.04
78) Terphenyl-d14	20.25	244	840447	65.09	ng	-0.03
Target Compounds						
10) Phenol	7.47	94	6751	2.565	ng	Qvalue # 59
49) Dimethylphthalate	14.35	163	48839	6.862	ng	97

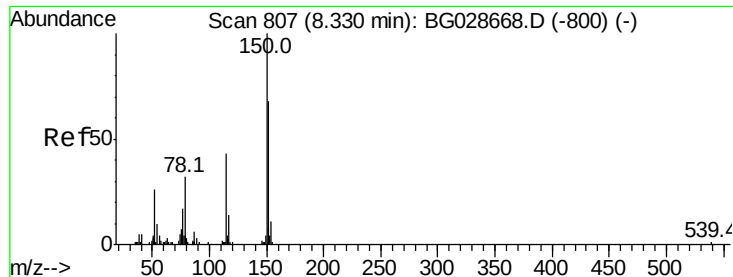
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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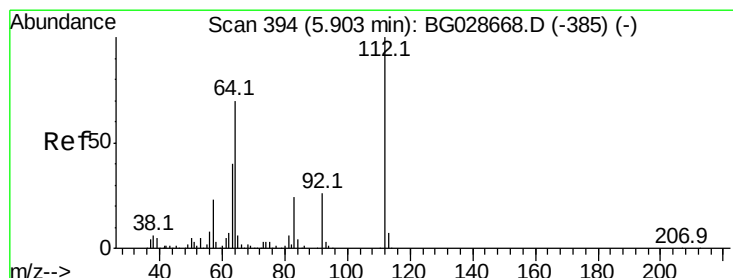
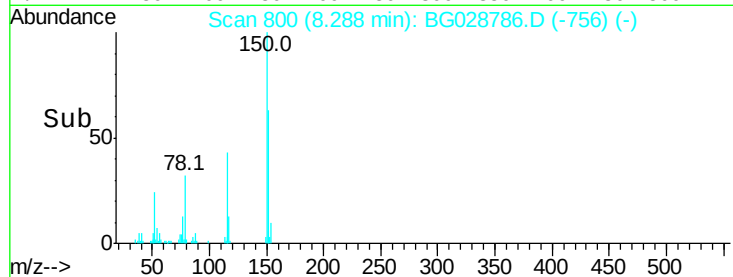
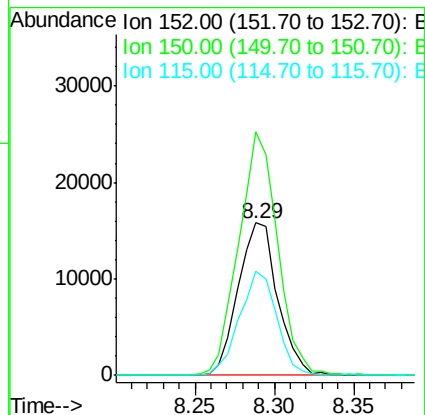
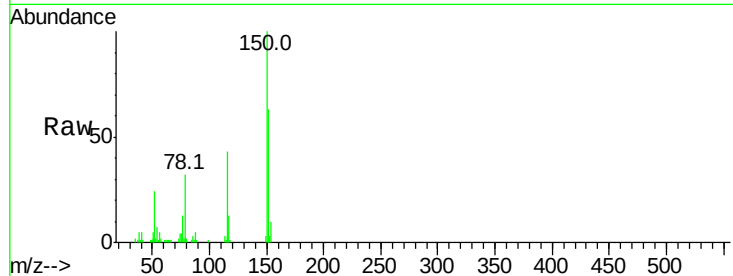


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :

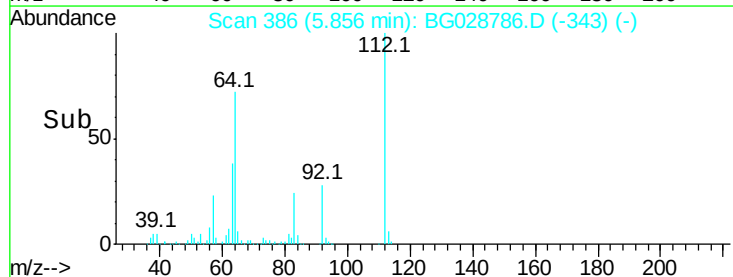
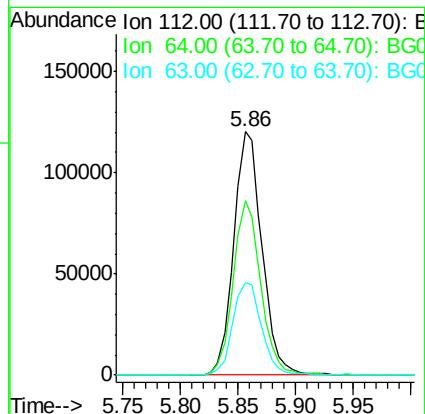
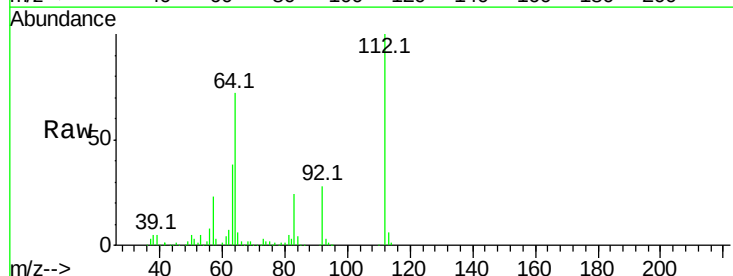
Tot Ion:152 Resp: 27335
Ion Ratio Lower Upper
152 100
150 159.7 114.0 171.0
115 68.0 48.1 72.1

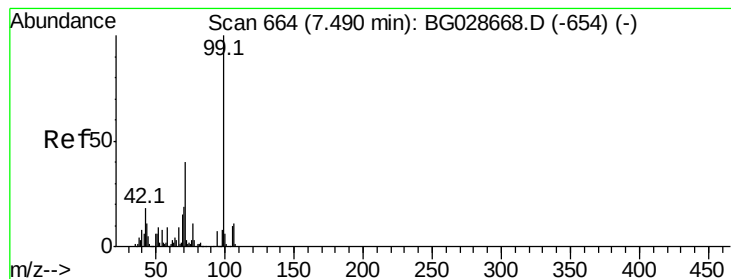


#5

2-Fluorophenol
Concen: 122.845 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:112 Resp: 203507
Ion Ratio Lower Upper
112 100
64 71.9 61.8 92.6
63 38.2 37.2 55.8





#7

Phenol-d6

Concen: 109.169 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

Instrument :

BNA_G

ClientSampled :

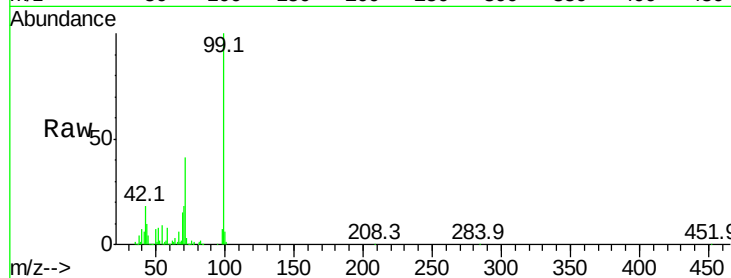
Tot Ion: 99 Resp: 272294

Ion Ratio Lower Upper

99 100

42 18.2 20.5 30.7#

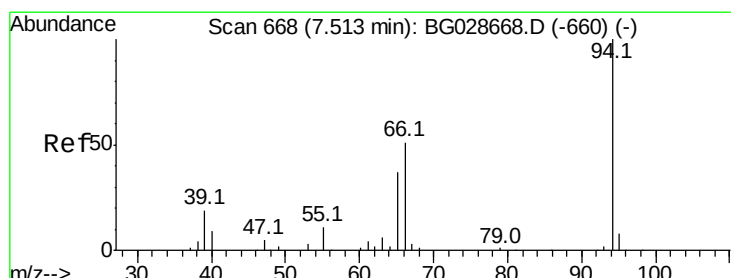
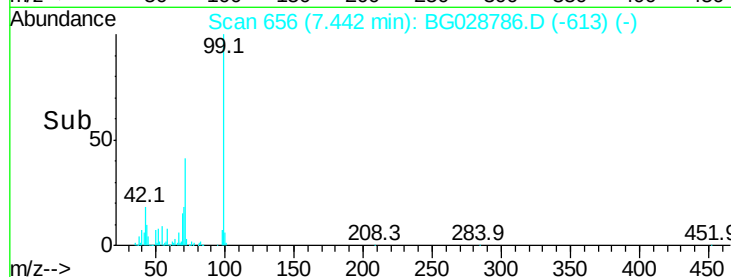
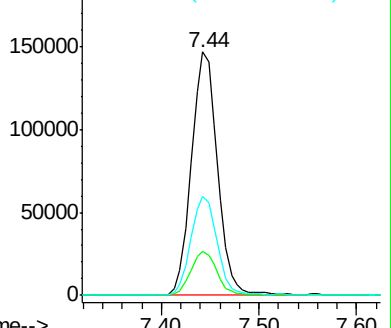
71 40.8 37.6 56.4



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



#10

Phenol

Concen: 2.565 ng

RT: 7.47 min Scan# 660

Delta R.T. -0.05 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

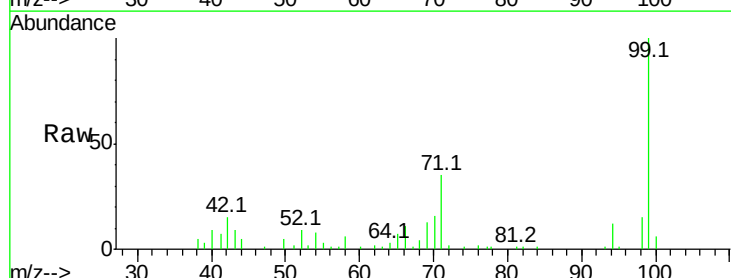
Tgt Ion: 94 Resp: 6751

Ion Ratio Lower Upper

94 100

65 56.5 20.6 60.6

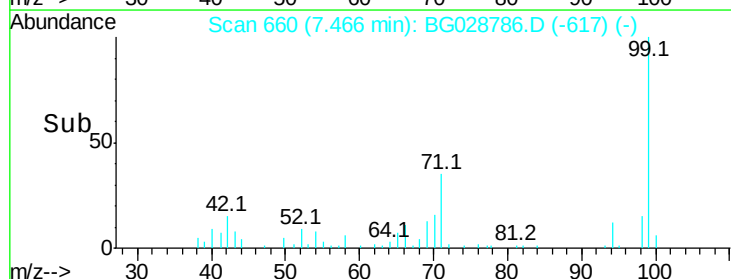
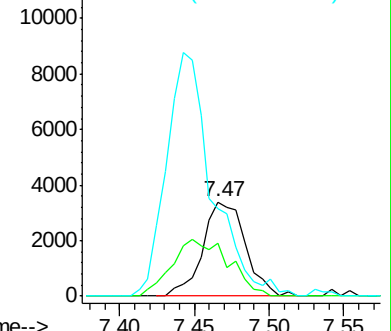
66 93.4 35.5 75.5#

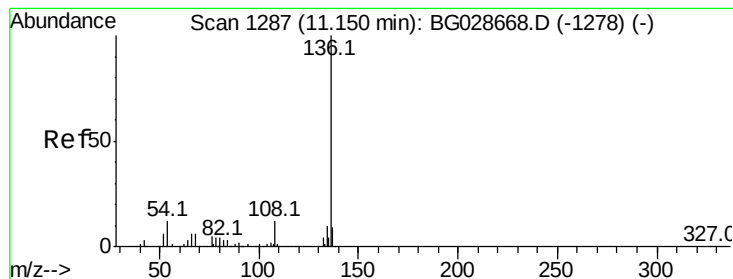


Abundance Ion 94.00 (93.70 to 94.70): BGC

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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 107974

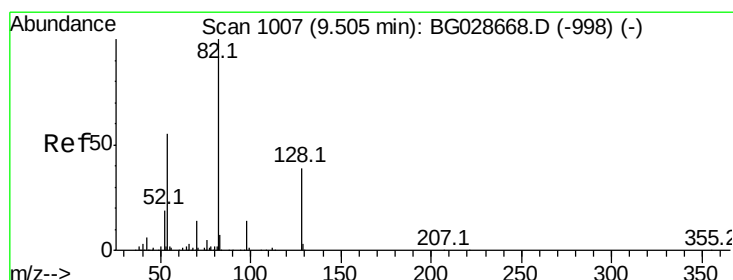
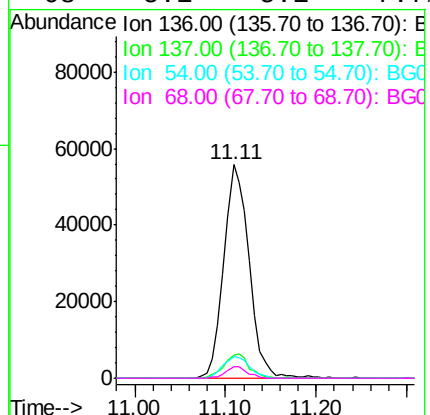
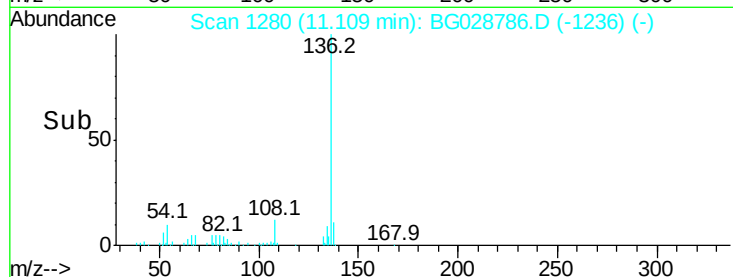
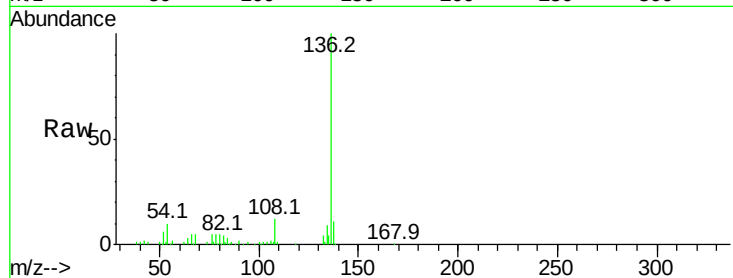
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.2	9.3	13.9
68	5.1	5.1	7.7

136 100

137 10.6 8.9 13.3

54 10.2 9.3 13.9

68 5.1 5.1 7.7



#23

Nitrobenzene-d5

Concen: 75.654 ng

RT: 9.46 min Scan# 999

Delta R.T. -0.05 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

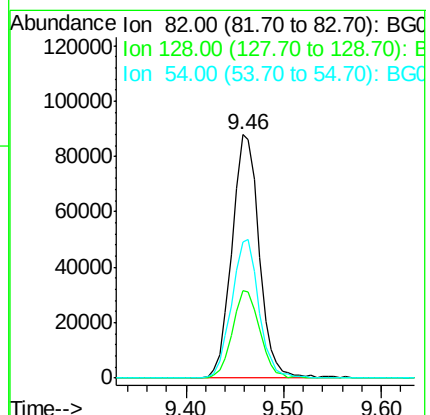
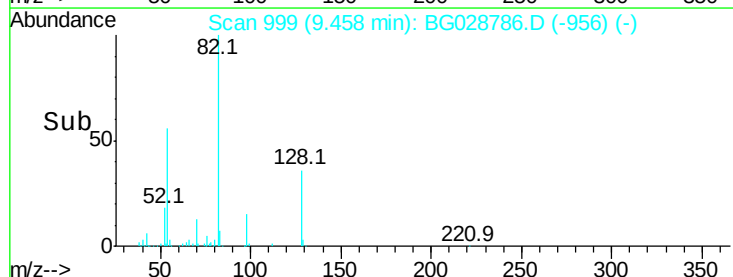
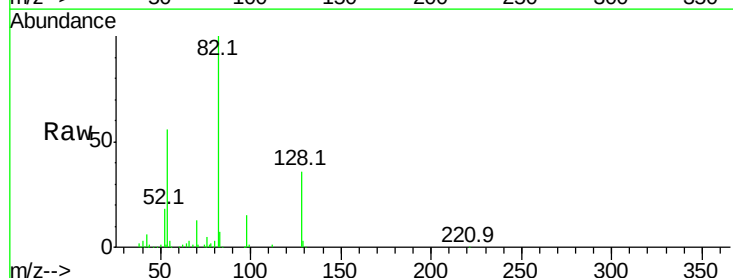
Tgt Ion: 82 Resp: 170760

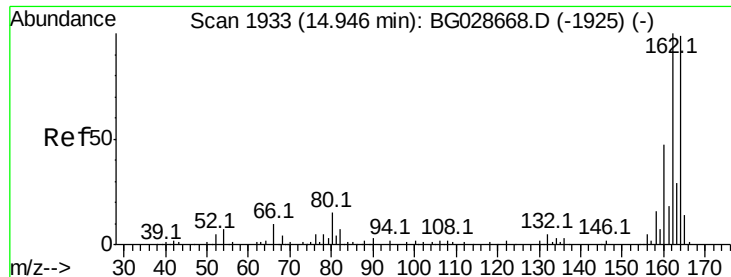
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.4	39.6
54	55.8	49.4	74.2

82 100

128 35.9 26.4 39.6

54 55.8 49.4 74.2

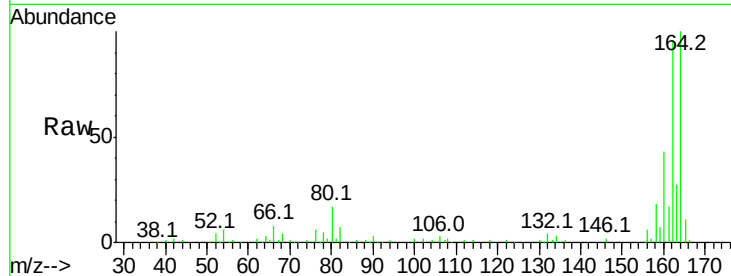




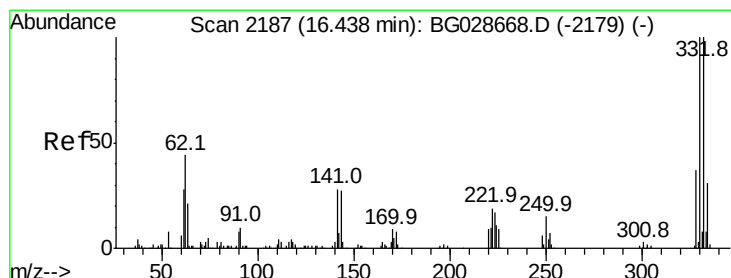
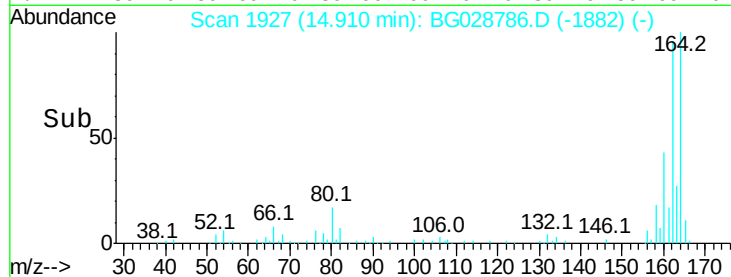
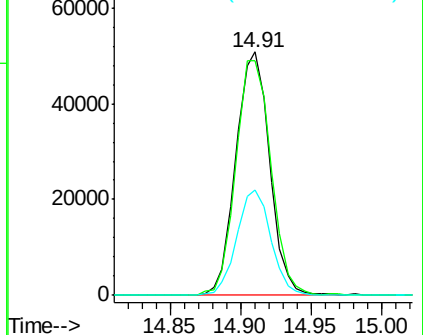
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1927
 Delta R.T. -0.04 min
 Lab File: BG028786.D
 Acq: 16 Sep 2017 4:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 84874
 Ion Ratio Lower Upper
 164 100
 162 96.2 85.1 127.7
 160 43.4 34.7 52.1

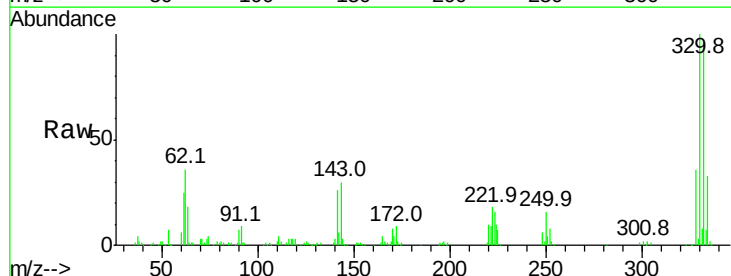


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

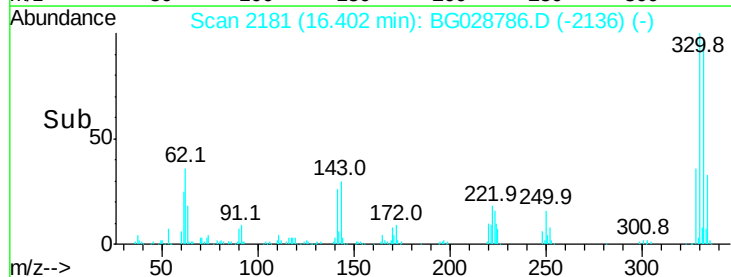
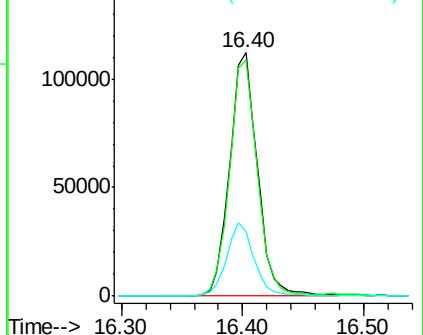


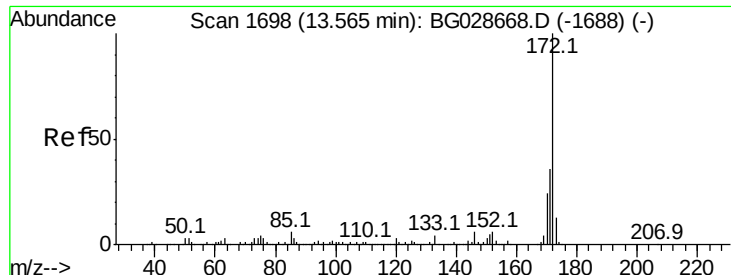
#41
 2,4,6-Tribromophenol
 Concen: 128.388 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028786.D
 Acq: 16 Sep 2017 4:42

Tgt Ion:330 Resp: 180227
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 29.7 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

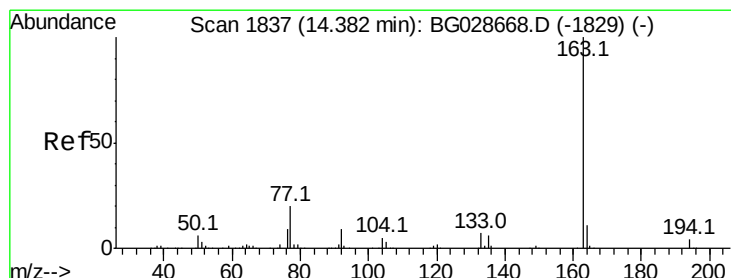
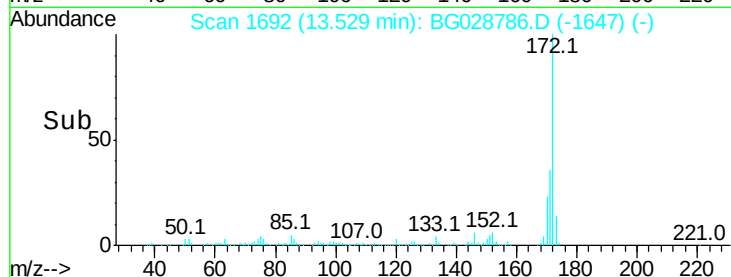
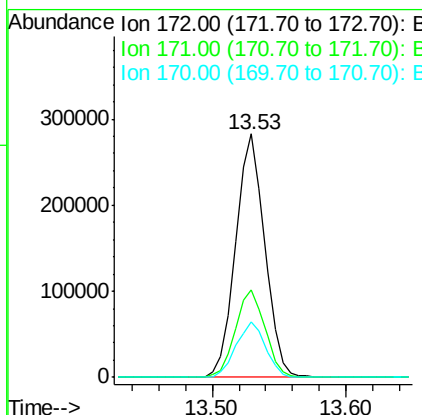
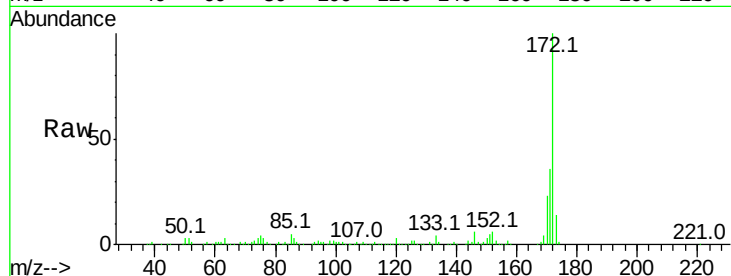




#44
2-Fluorobiphenyl
Concen: 67.220 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

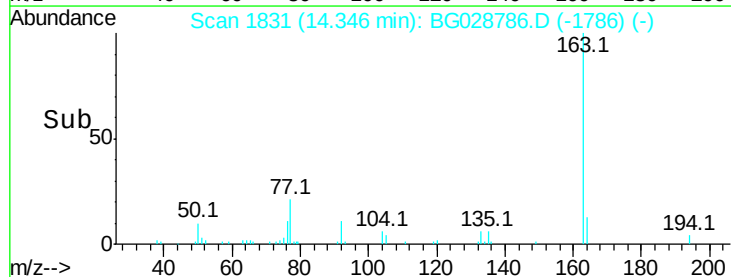
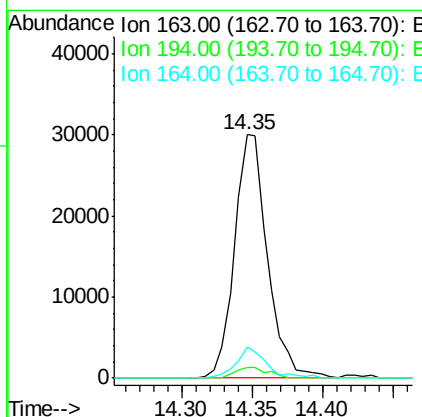
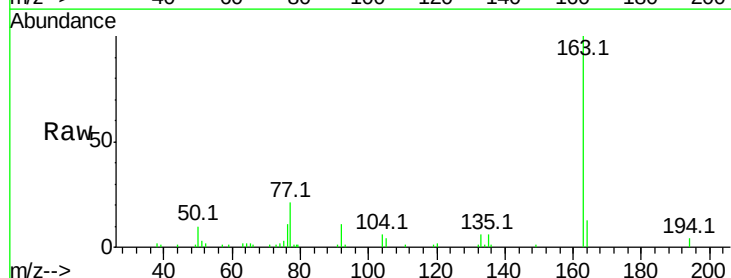
Instrument :
BNA_G
ClientSampleId :

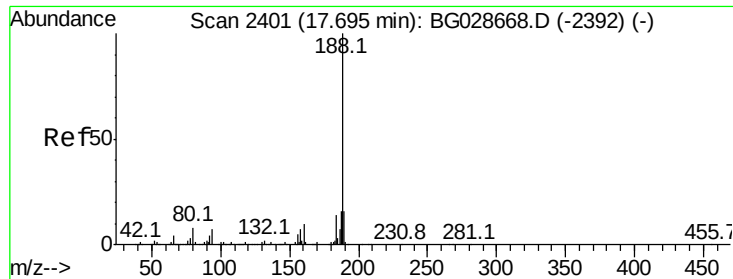
Tot Ion:172 Resp: 427866
Ion Ratio Lower Upper
172 100
171 36.1 32.2 48.2
170 22.9 21.8 32.6



#49
Dimethylphthalate
Concen: 6.862 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:163 Resp: 48839
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 12.9 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

Instrument :

BNA_G

ClientSampleId :

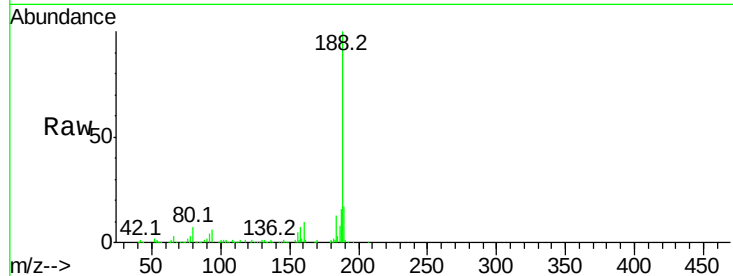
Tot Ion:188 Resp: 242077

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

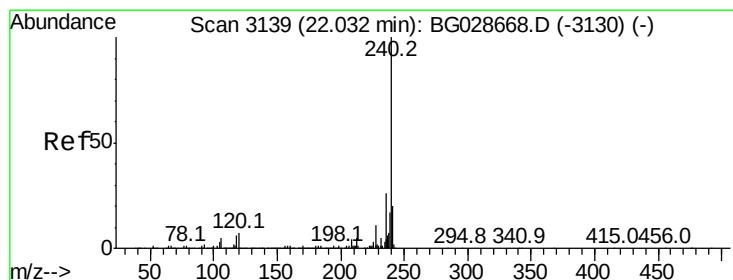
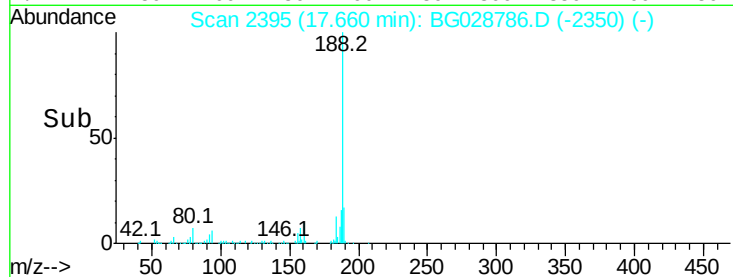
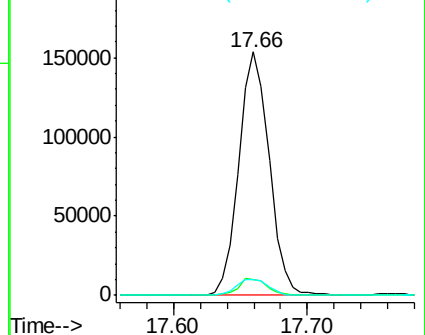
80 6.5 7.5 11.3#



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: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

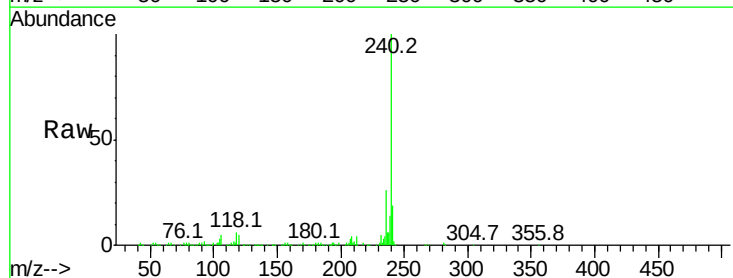
Tgt Ion:240 Resp: 275360

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

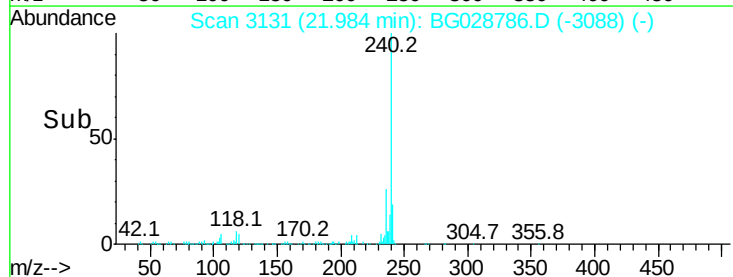
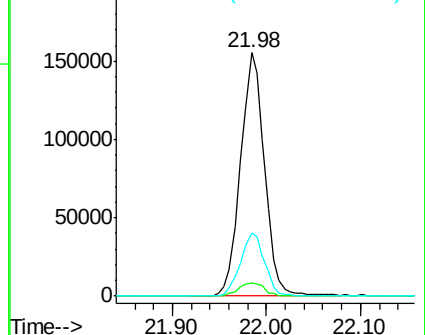
236 25.8 22.2 33.4

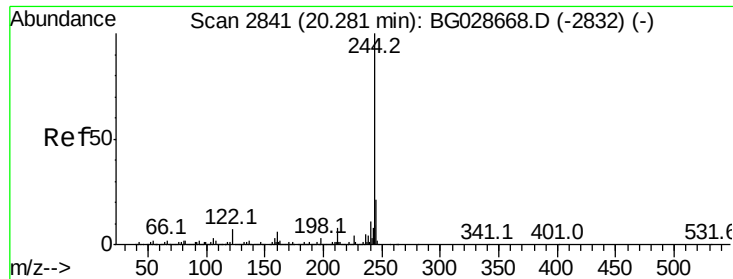


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.090 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

Instrument :

BNA_G

ClientSampleId :

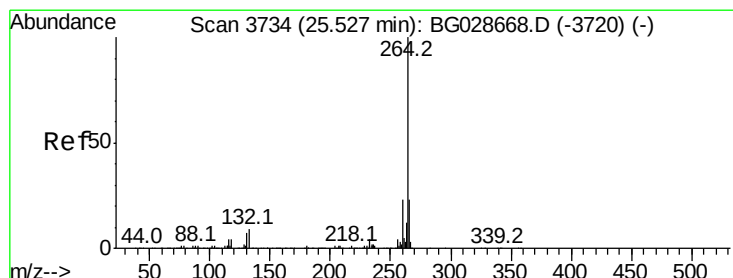
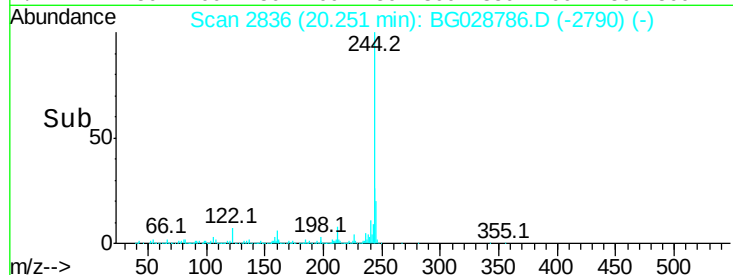
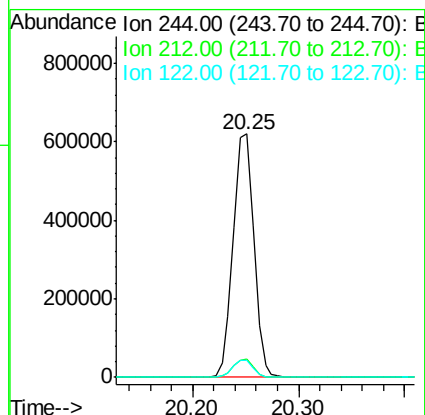
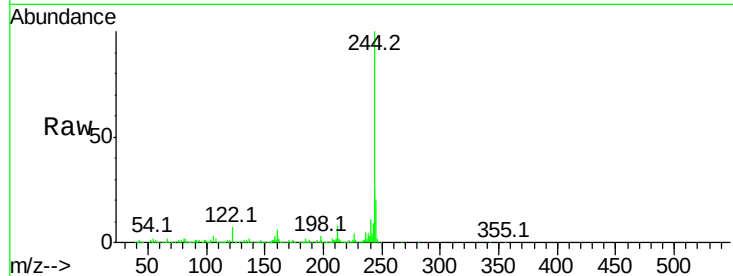
Tot Ion:244 Resp: 840447

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

122 7.0 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: BG028786.D

Acq: 16 Sep 2017 4:42

Tgt Ion:264 Resp: 282165

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 22.3 18.2 27.4

