

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028732.D
 Acq On : 14 Sep 2017 14:43
 Operator : SJ/JU
 Sample : I5187-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-A

Quant Time: Sep 15 07:48:00 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

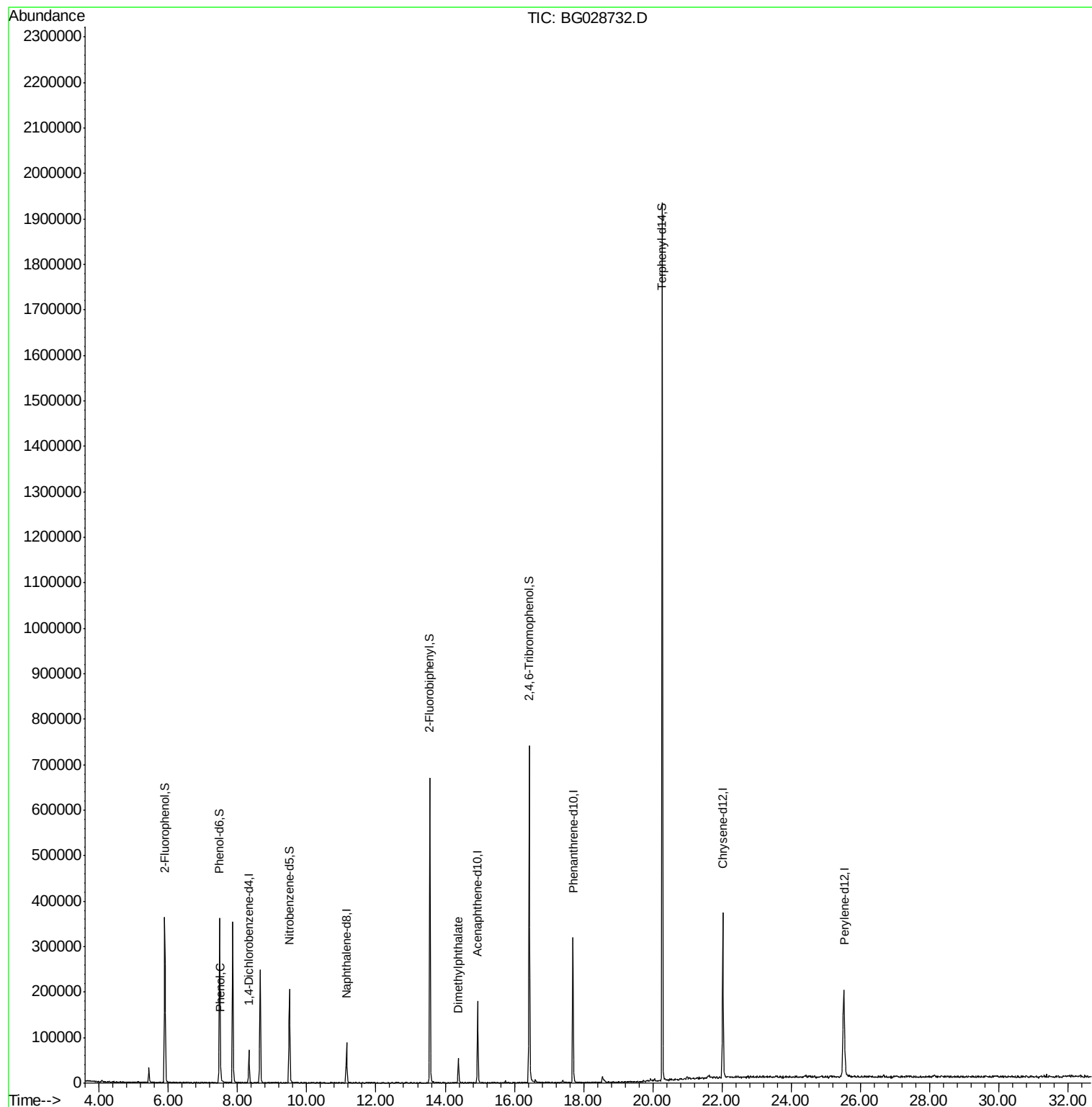
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	21873	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	83076	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	64595	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	221117	20.00	ng	0.00
75) Chrysene-d12	22.03	240	261880	20.00	ng	0.00
86) Perylene-d12	25.52	264	268595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	163354	123.23	ng	0.00
7) Phenol-d6	7.48	99	224337	112.40	ng	0.00
23) Nitrobenzene-d5	9.50	82	139624	80.40	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	167415	156.70	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	362291	74.79	ng	0.00
78) Terphenyl-d14	20.27	244	906462	73.82	ng	0.00
Target Compounds						
10) Phenol	7.51	94	6123	2.907	ng	87
49) Dimethylphthalate	14.38	163	41779	7.713	ng	# 94

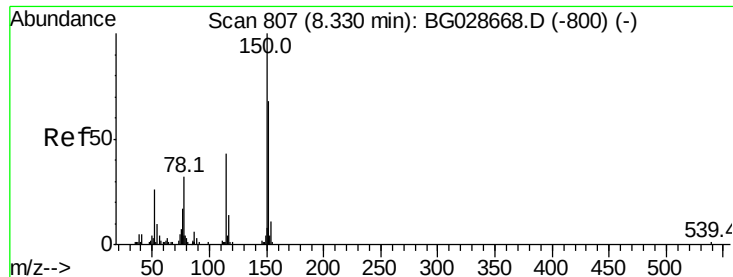
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-A

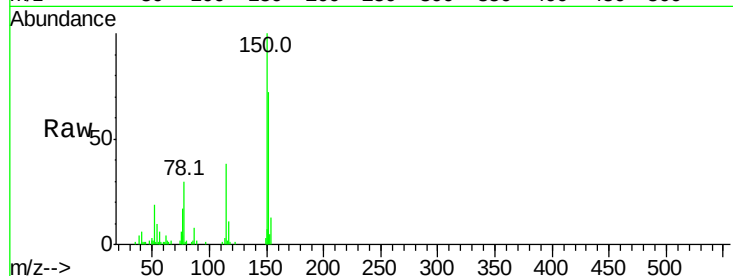
Tot Ion:152 Resp: 21873

Ion Ratio Lower Upper

152 100

150 138.4 114.0 171.0

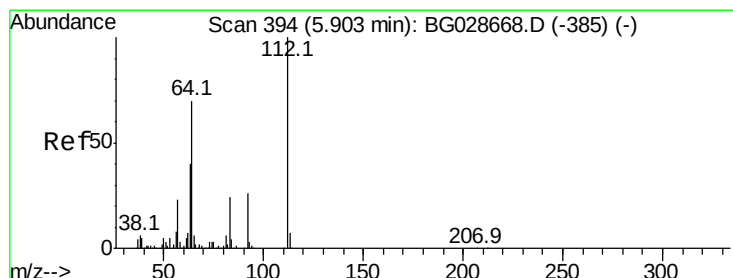
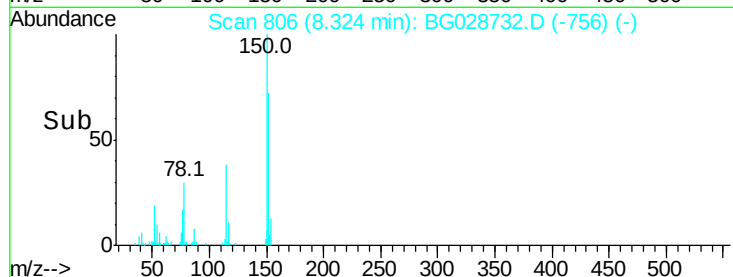
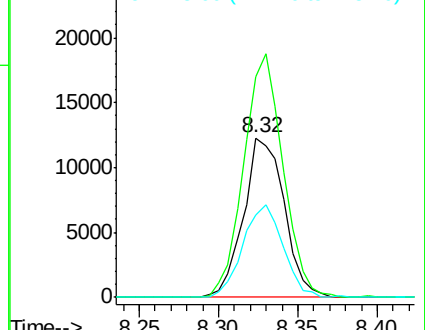
115 51.9 48.1 72.1



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: 123.231 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

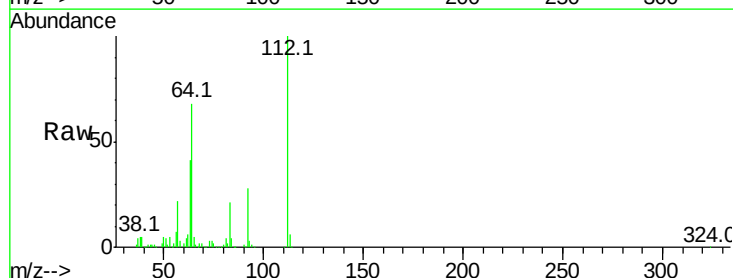
Tgt Ion:112 Resp: 163354

Ion Ratio Lower Upper

112 100

64 68.2 61.8 92.6

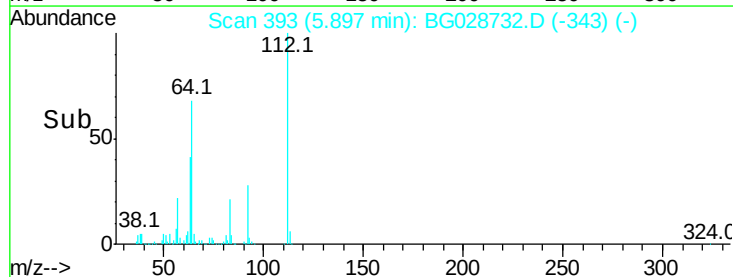
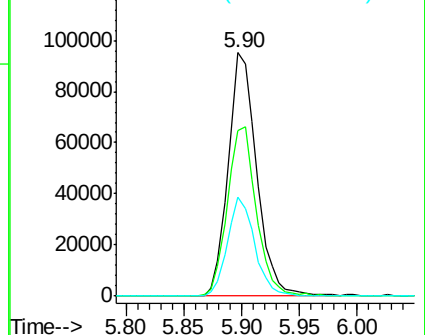
63 40.9 37.2 55.8

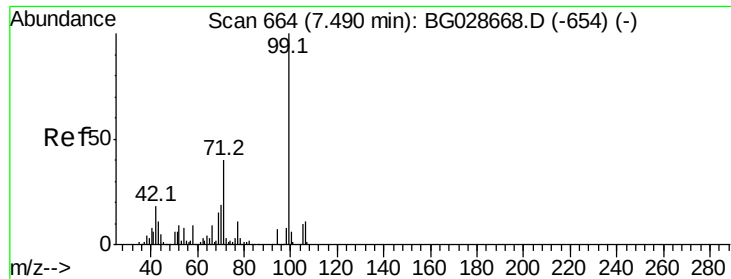


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.402 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-A

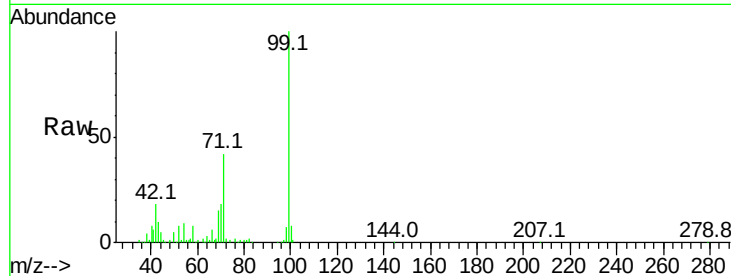
Tot Ion: 99 Resp: 224337

Ion Ratio Lower Upper

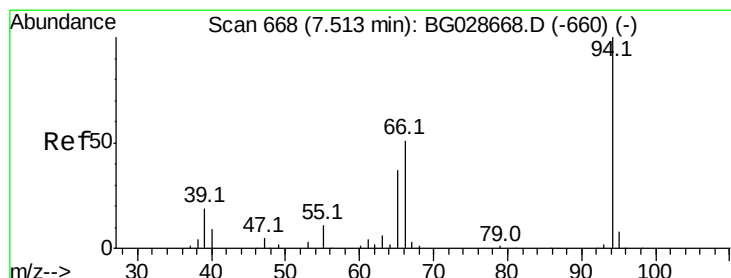
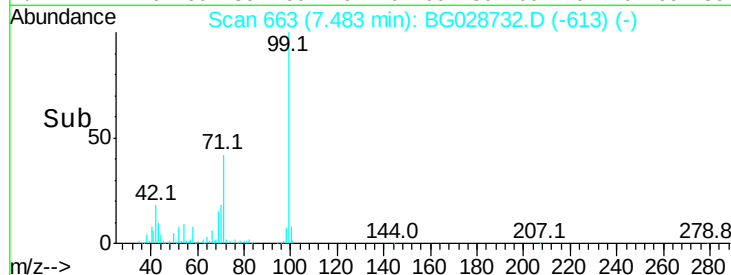
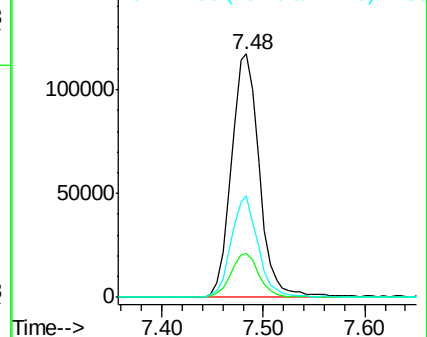
99 100

42 18.0 20.5 30.7#

71 41.9 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: 2.907 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

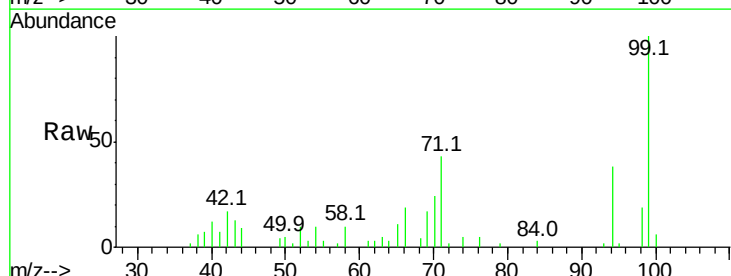
Tgt Ion: 94 Resp: 6123

Ion Ratio Lower Upper

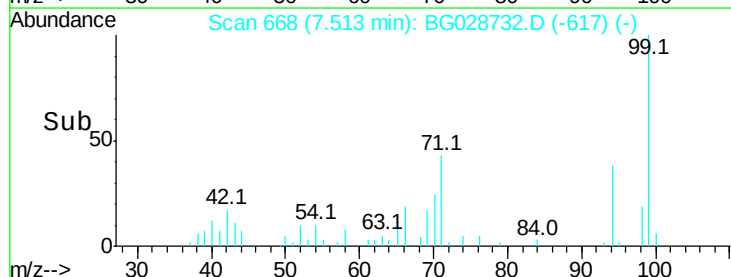
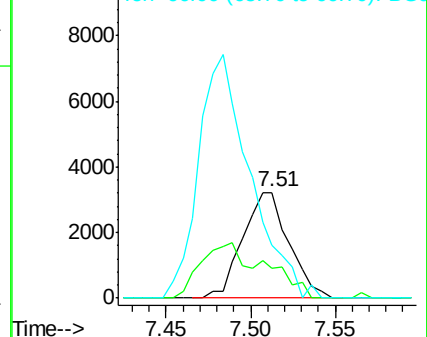
94 100

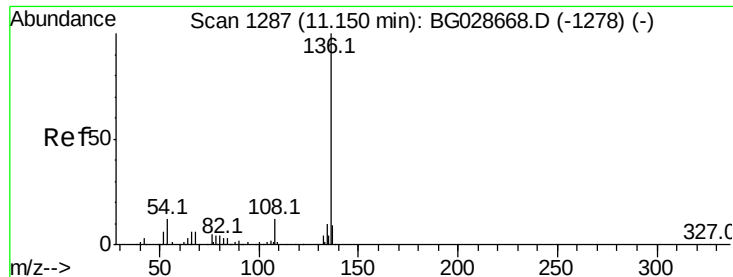
65 28.5 20.6 60.6

66 49.6 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

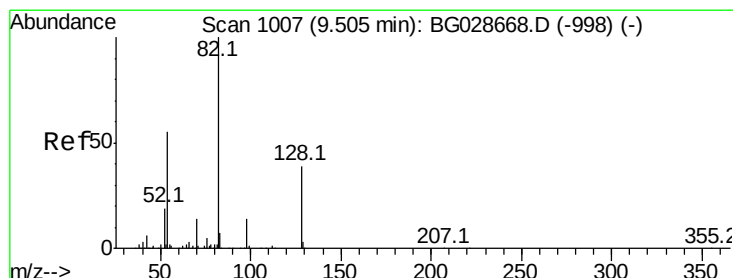
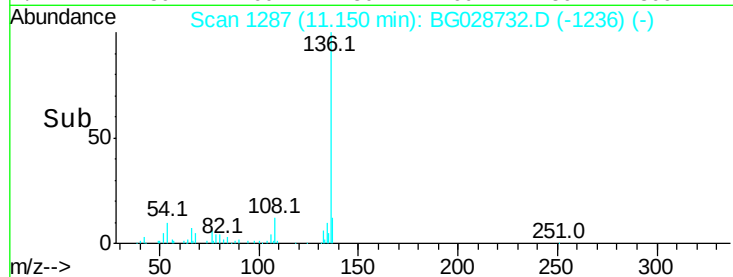
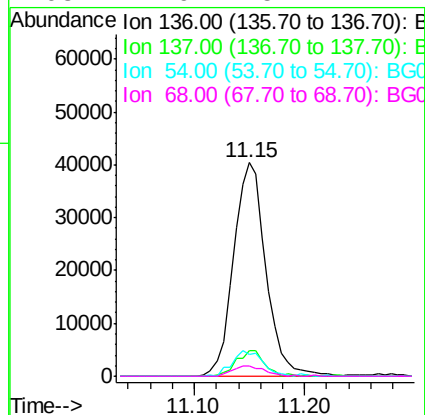
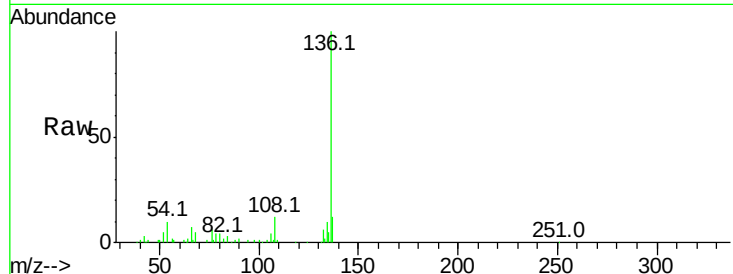




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028732.D
Acq: 14 Sep 2017 14:43

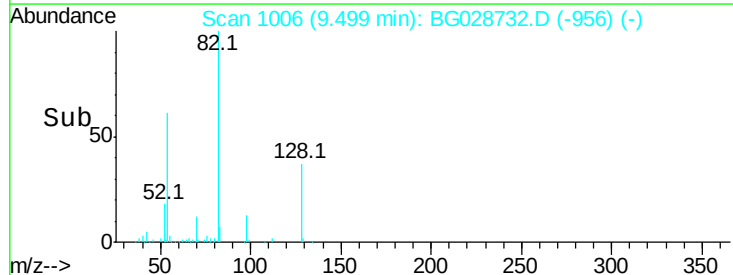
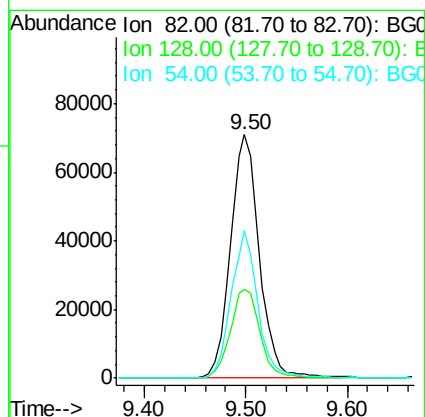
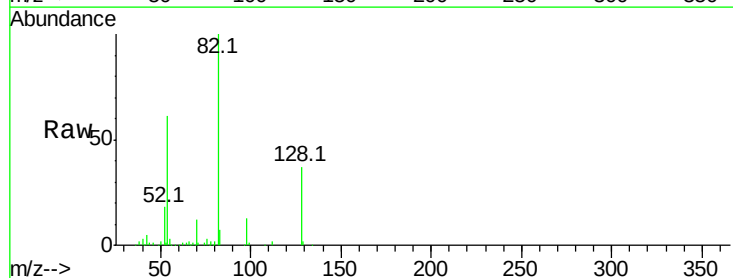
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-A

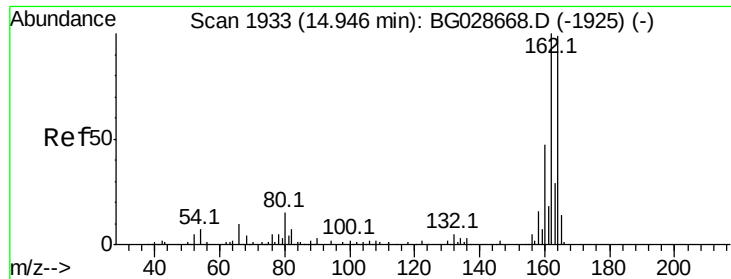
Tot Ion:	136	Resp:	83076
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	10.2	9.3	13.9
68	4.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 80.399 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028732.D
Acq: 14 Sep 2017 14:43

Tgt Ion:	82	Resp:	139624
Ion	Ratio	Lower	Upper
82	100		
128	36.7	26.4	39.6
54	60.6	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-A

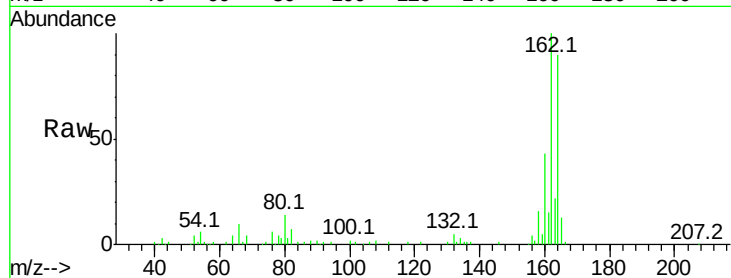
Tot Ion:164 Resp: 64595

Ion Ratio Lower Upper

164 100

162 110.9 85.1 127.7

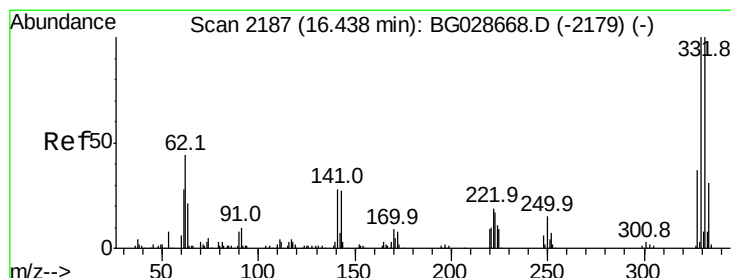
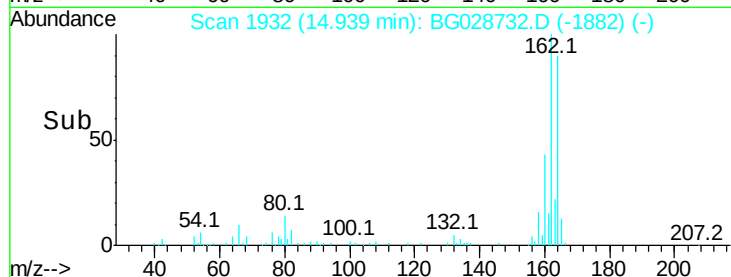
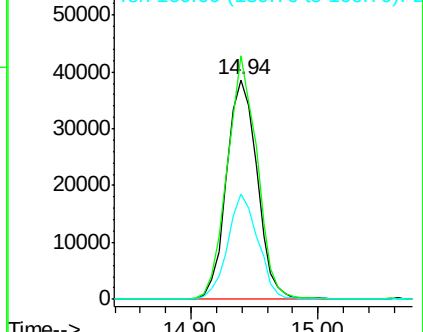
160 48.1 34.7 52.1



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: 156.703 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

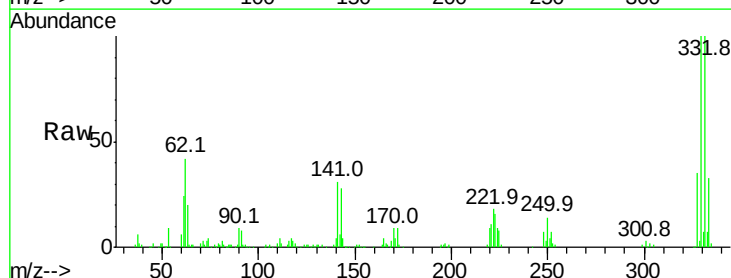
Tgt Ion:330 Resp: 167415

Ion Ratio Lower Upper

330 100

332 98.5 77.3 115.9

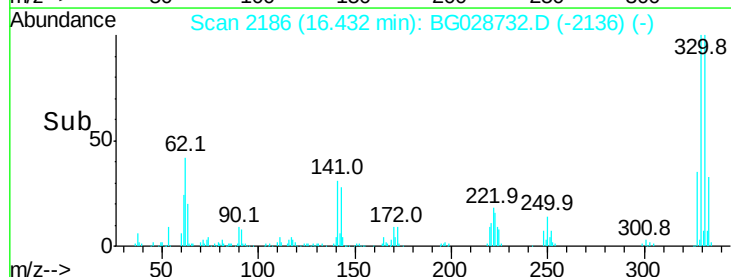
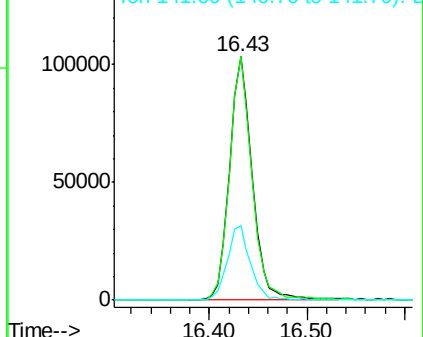
141 30.9 32.1 48.1#

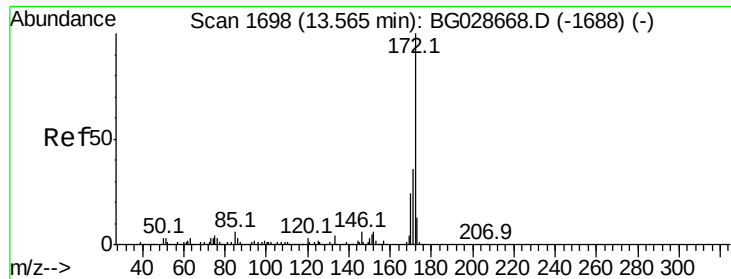


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

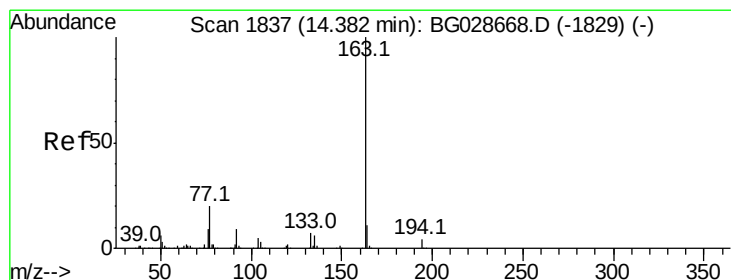
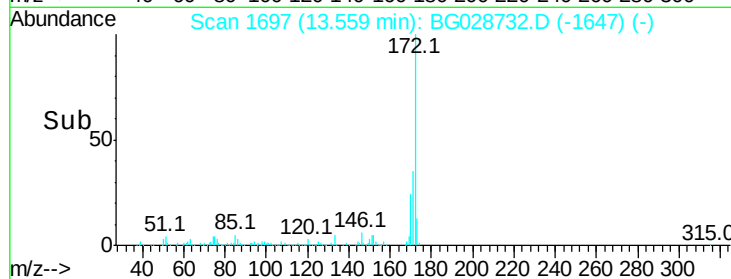
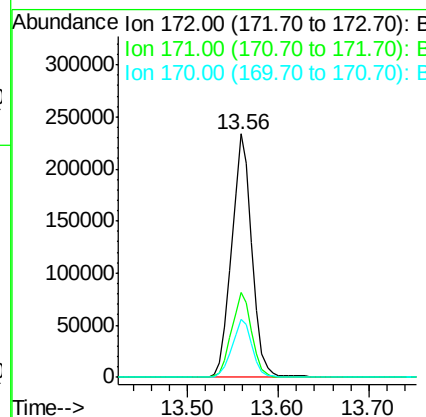
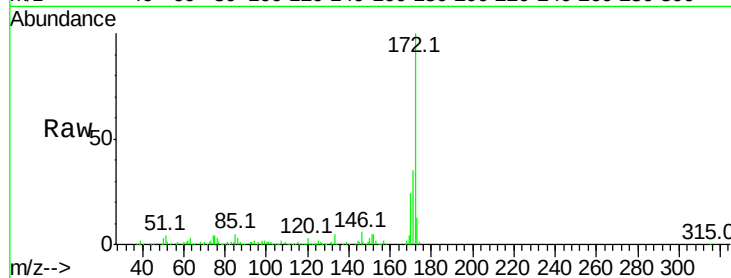




#44
2-Fluorobiphenyl
Concen: 74.787 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028732.D
Acq: 14 Sep 2017 14:43

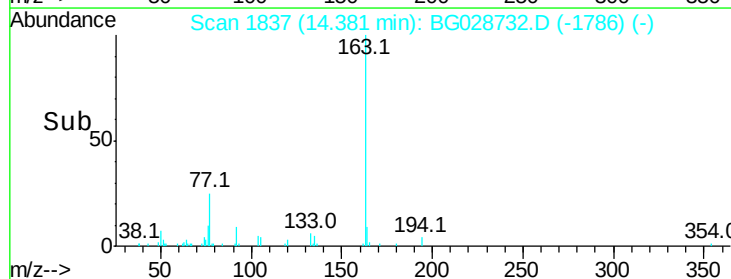
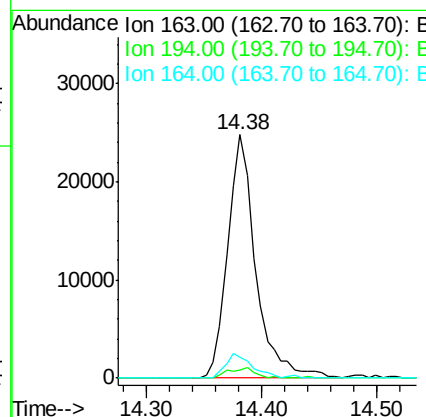
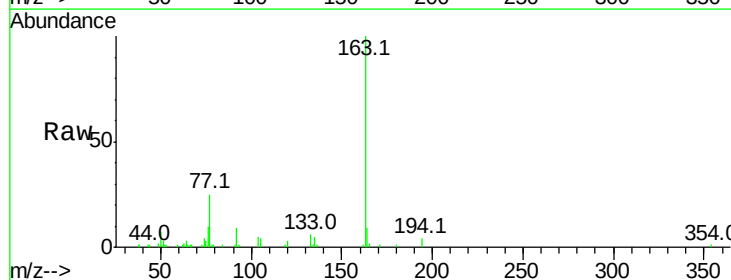
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-A

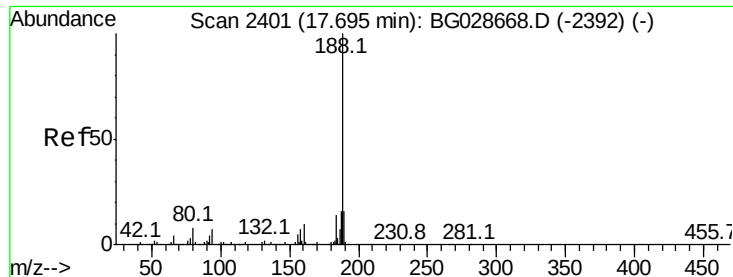
Tot Ion:172 Resp: 362291
Ion Ratio Lower Upper
172 100
171 35.0 32.2 48.2
170 23.7 21.8 32.6



#49
Dimethylphthalate
Concen: 7.713 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028732.D
Acq: 14 Sep 2017 14:43

Tgt Ion:163 Resp: 41779
Ion Ratio Lower Upper
163 100
194 3.5 3.8 5.6#
164 8.8 9.3 13.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-A

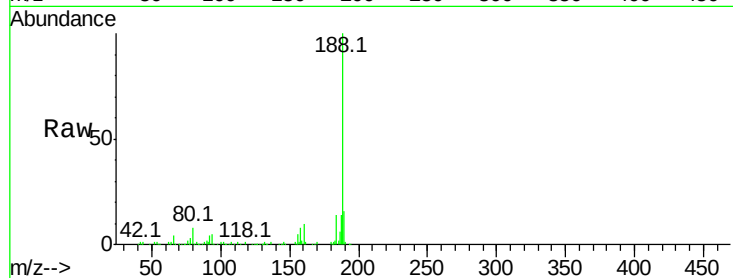
Tot Ion:188 Resp: 221117

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

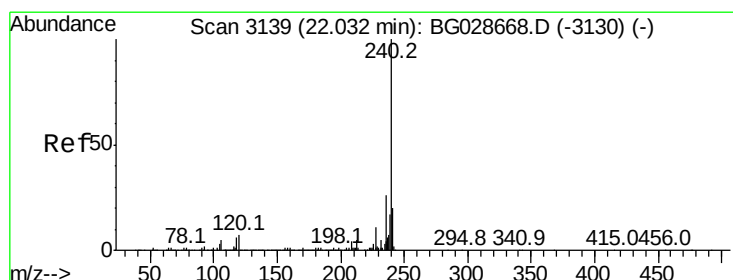
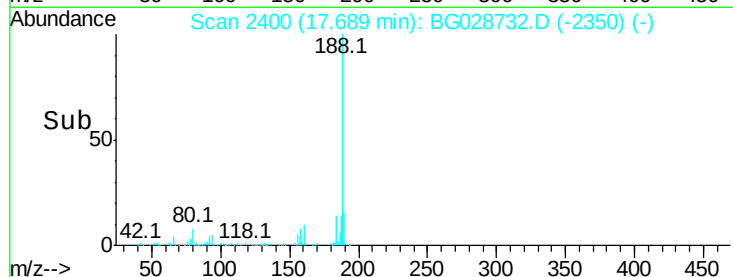
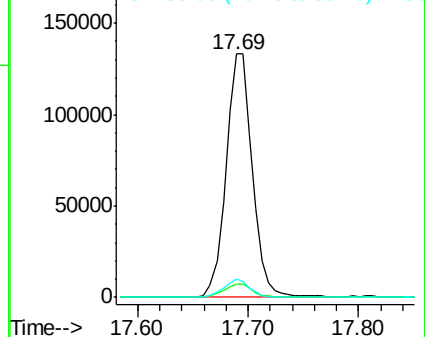
80 7.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

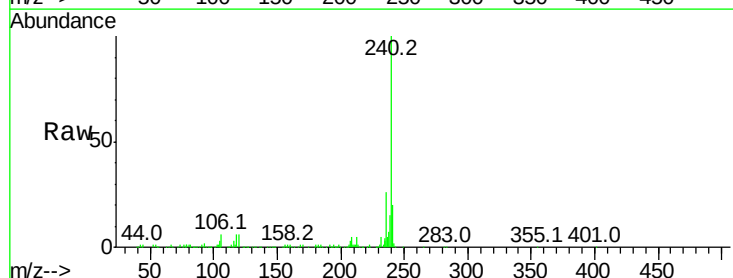
Tgt Ion:240 Resp: 261880

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

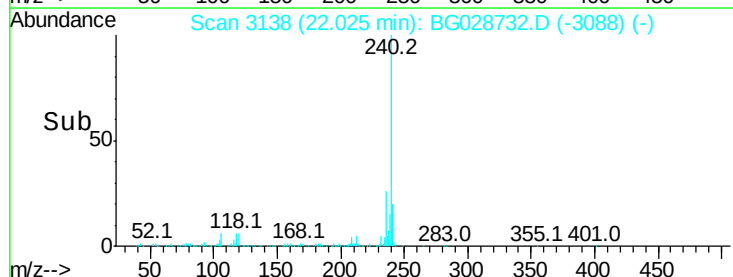
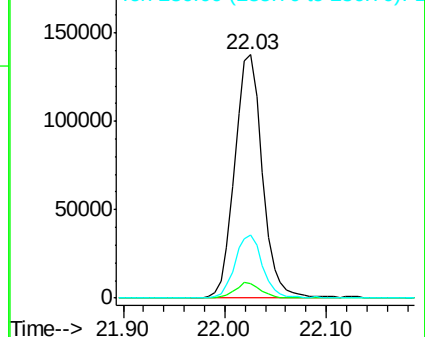
236 25.9 22.2 33.4

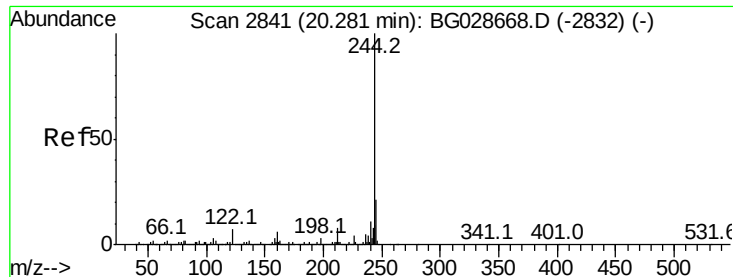


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.816 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-A

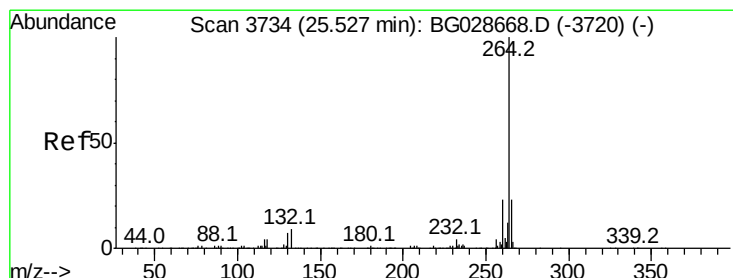
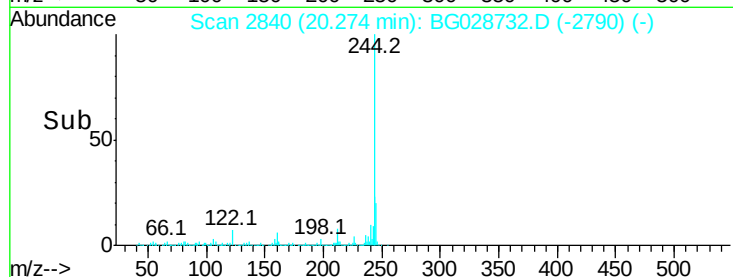
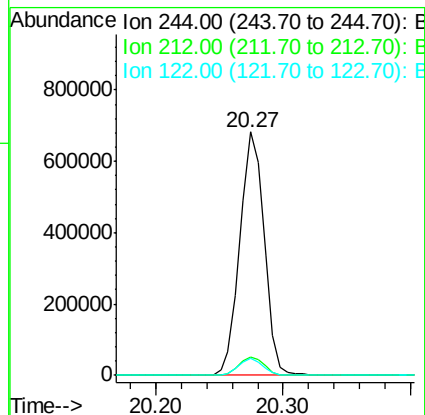
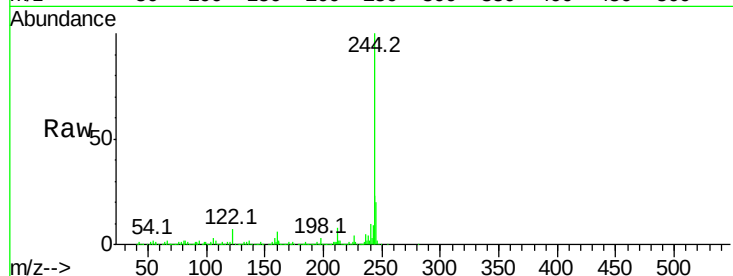
Tot Ion:244 Resp: 906462

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

122 7.0 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028732.D

Acq: 14 Sep 2017 14:43

Tgt Ion:264 Resp: 268595

Ion Ratio Lower Upper

264 100

260 21.9 21.8 32.8

265 19.6 18.2 27.4

