

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030417\
 Data File : BG026072.D
 Acq On : 3 Mar 2017 20:27
 Operator : SJ/MA
 Sample : I2082-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 030117-PRRT-F-U-M

Quant Time: Mar 03 22:57:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

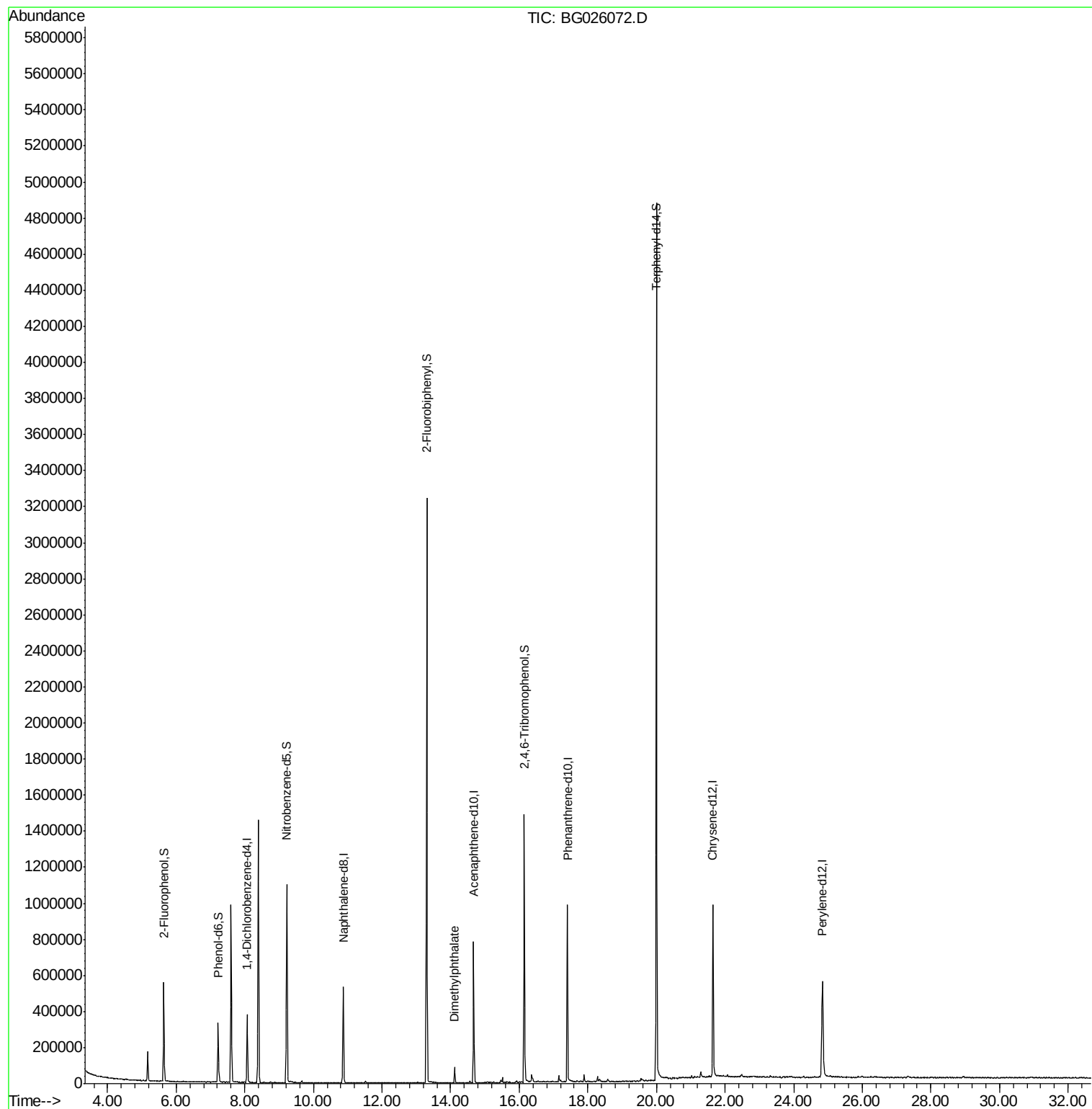
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	119497	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	489118	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	275195	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	646646	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	630282	20.00	ng	-0.03
86) Perylene-d12	24.84	264	571117	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	273541	39.85	ng	-0.01
7) Phenol-d6	7.22	99	220431	21.70	ng	-0.01
23) Nitrobenzene-d5	9.23	82	696516	89.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	283440	111.48	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1762642	111.92	ng	-0.02
78) Terphenyl-d14	19.99	244	2225531	85.88	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.12	163	66735	3.53	ng	Qvalue # 95

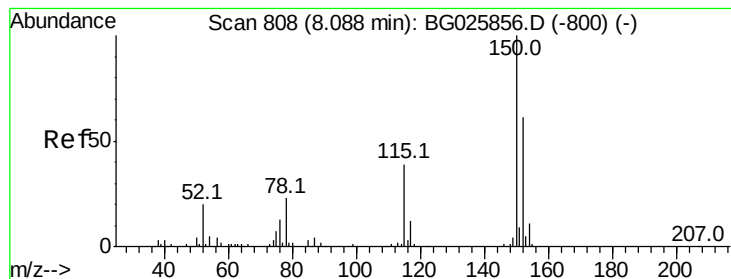
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-U-M

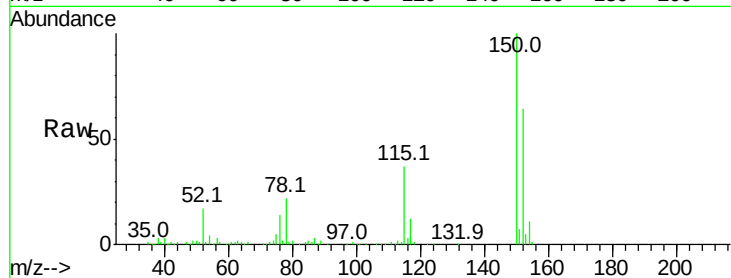
Tot Ion:152 Resp: 119497

Ion Ratio Lower Upper

152 100

150 156.7 114.0 171.0

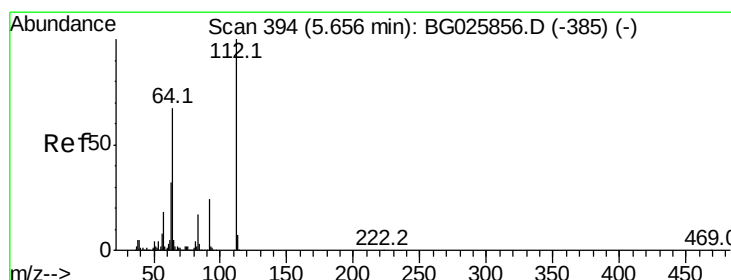
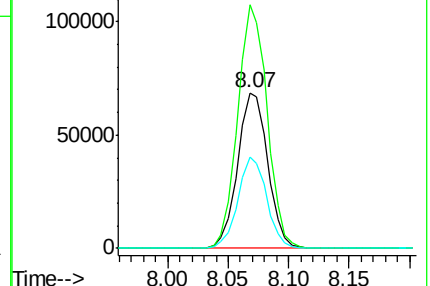
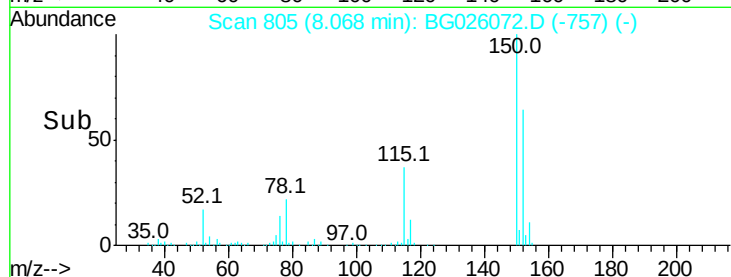
115 58.5 48.1 72.1



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: 39.85 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

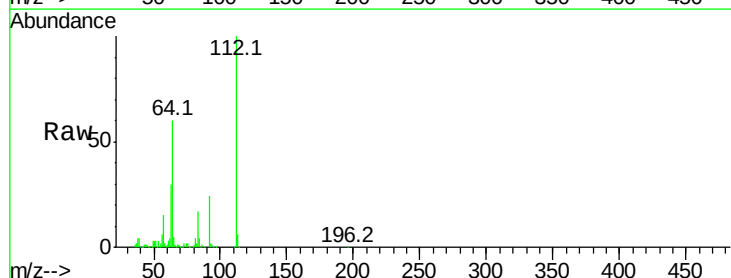
Tgt Ion:112 Resp: 273541

Ion Ratio Lower Upper

112 100

64 60.1 61.8 92.6#

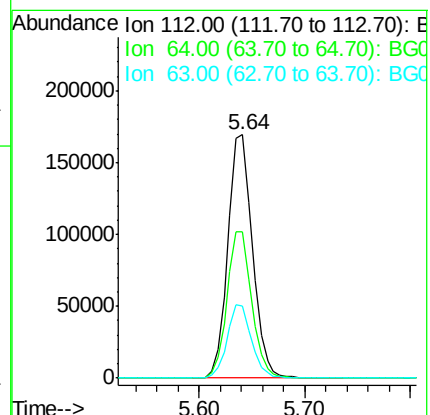
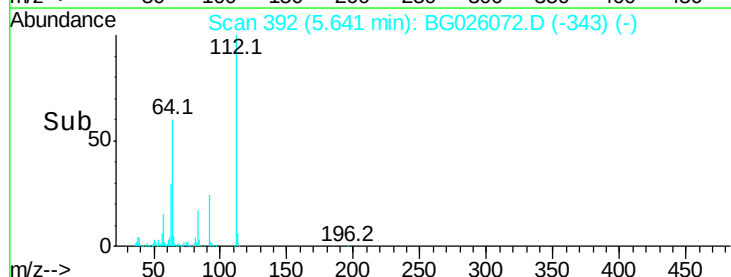
63 29.6 37.2 55.8#

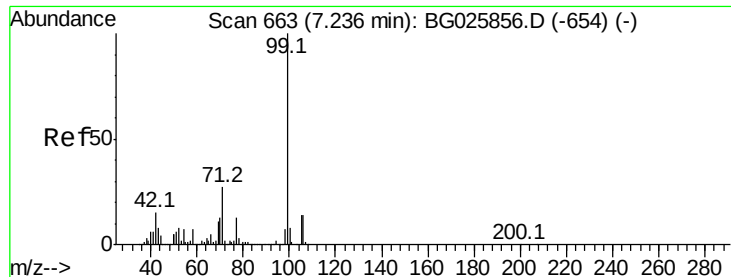


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.70 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-U-M

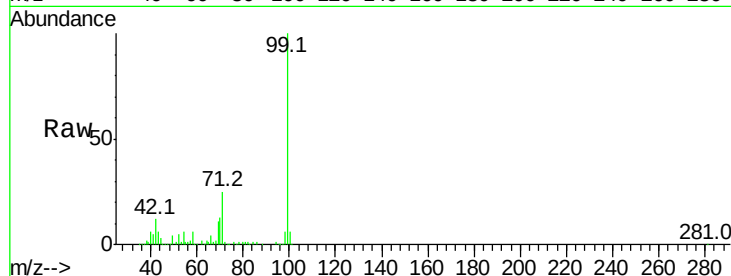
Tot Ion: 99 Resp: 220431

Ion Ratio Lower Upper

99 100

42 12.3 20.5 30.7#

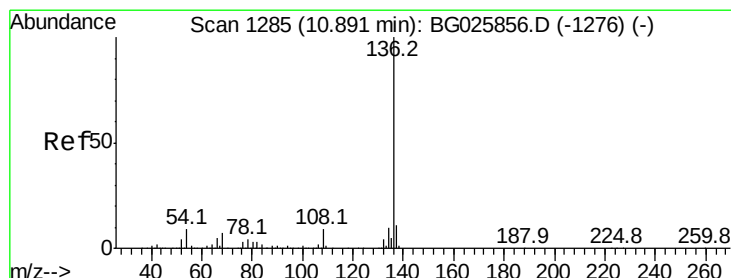
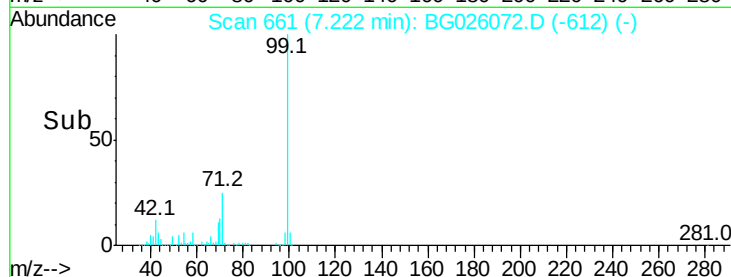
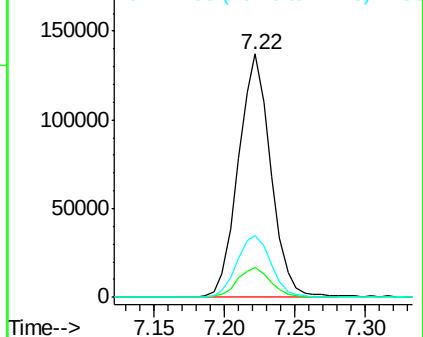
71 25.2 37.6 56.4#



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: 20.00 ng

RT: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Tgt Ion: 136 Resp: 489118

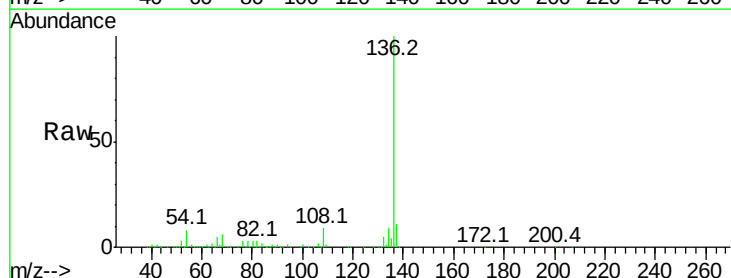
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 9.3 13.9#

68 6.4 5.1 7.7

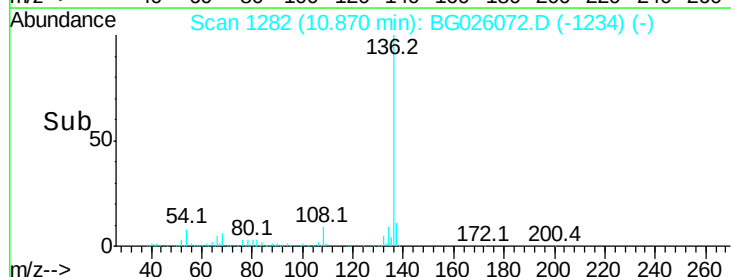
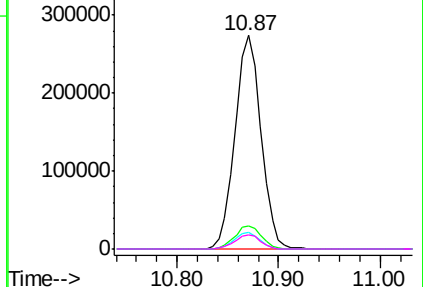


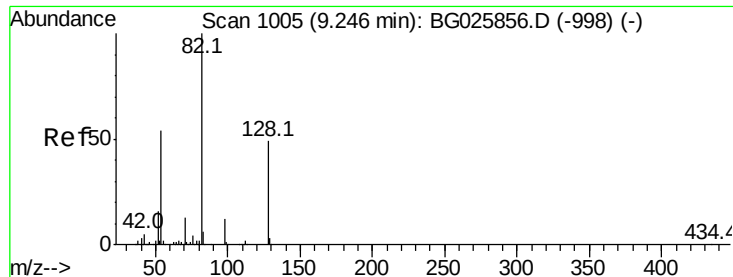
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 89.87 ng

RT: 9.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-U-M

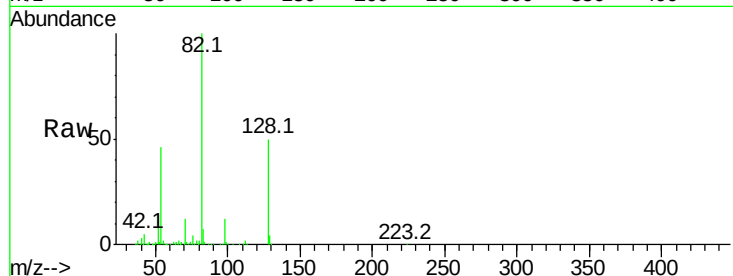
Tot Ion: 82 Resp: 696516

Ion Ratio Lower Upper

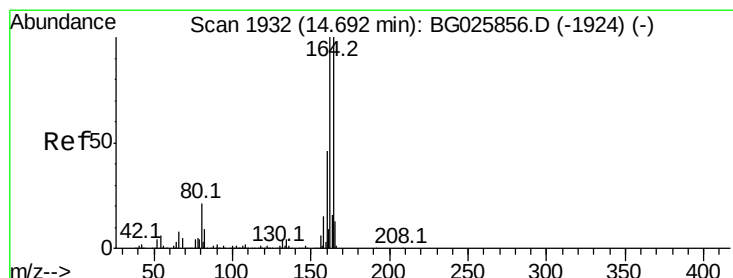
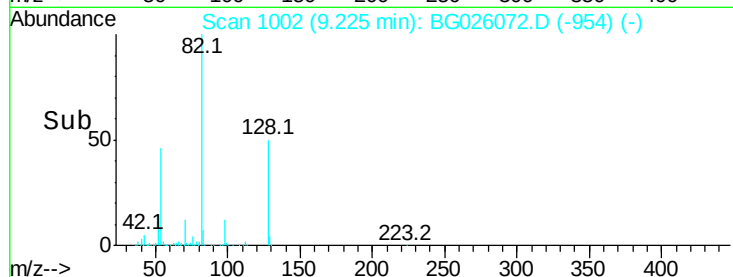
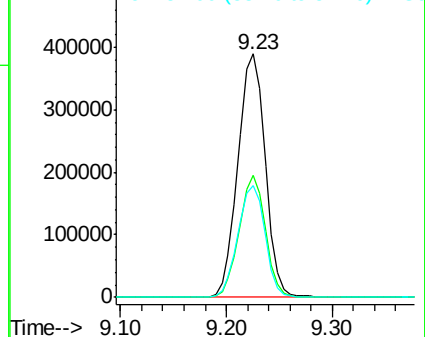
82 100

128 49.9 26.4 39.6#

54 46.1 49.4 74.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

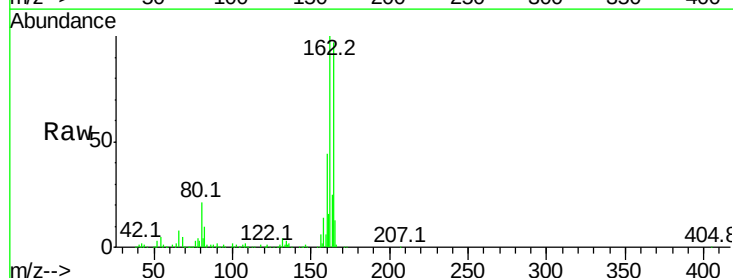
Tgt Ion: 164 Resp: 275195

Ion Ratio Lower Upper

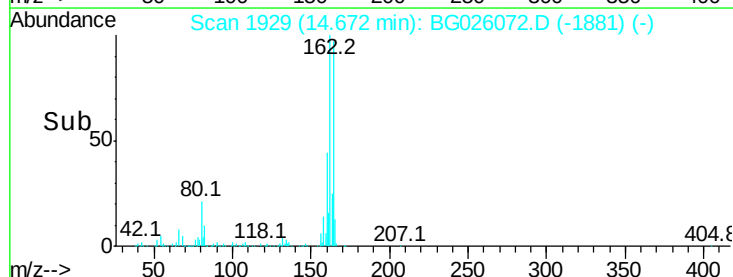
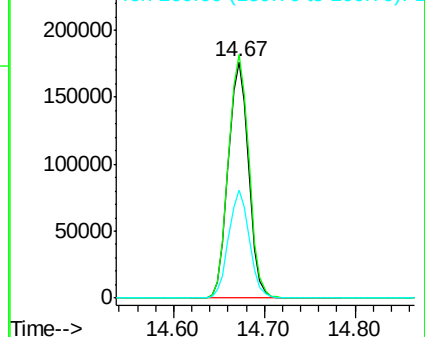
164 100

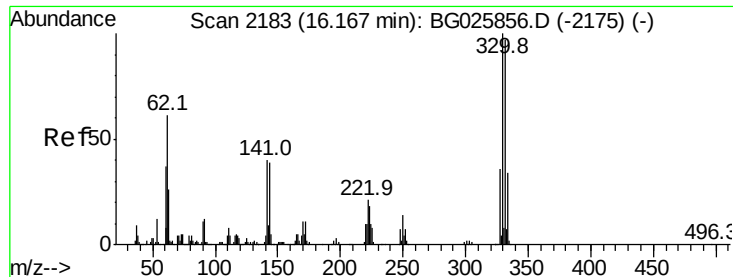
162 103.2 85.1 127.7

160 45.7 34.7 52.1



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

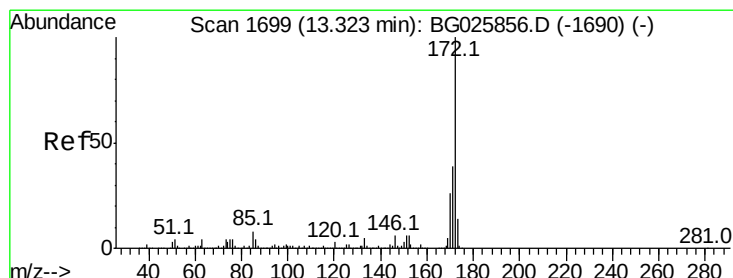
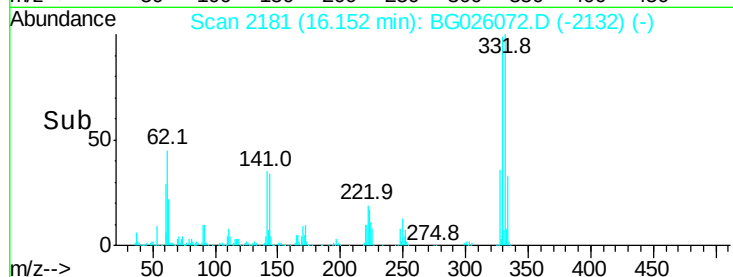
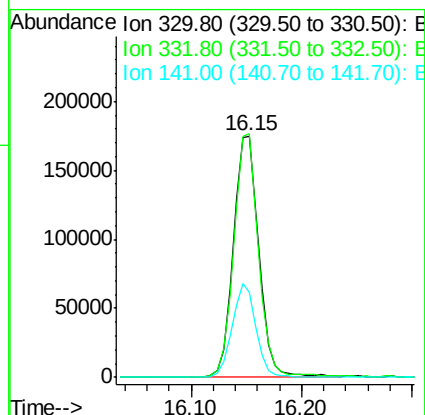
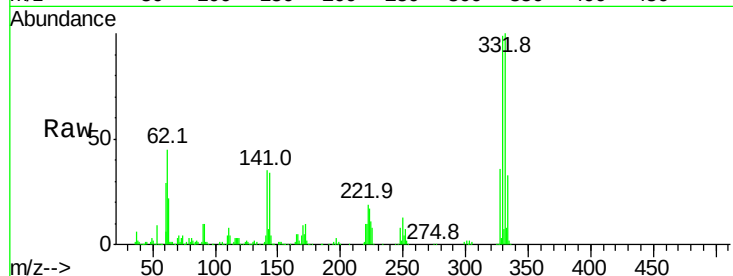




#41
2,4,6-Tribromophenol
Concen: 111.48 ng
RT: 16.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG026072.D
Acq: 3 Mar 2017 20:27

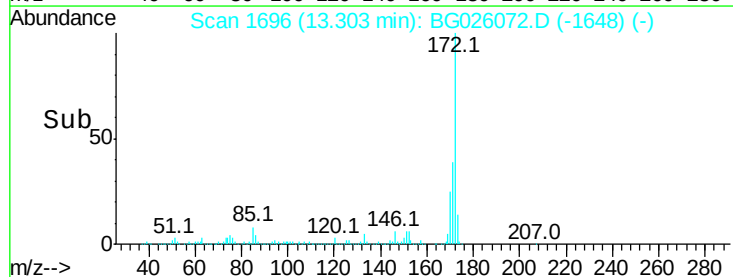
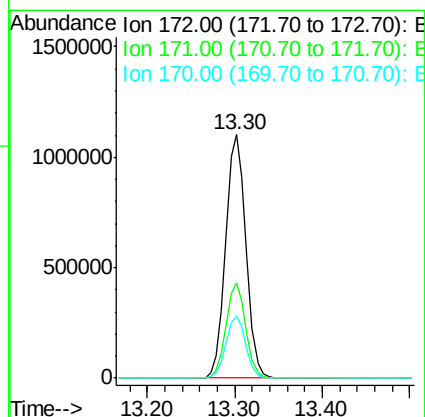
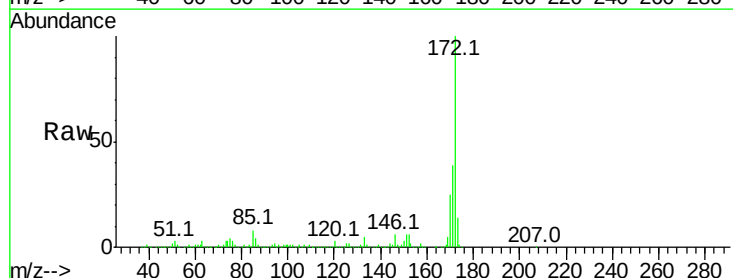
Instrument :
BNA_G
ClientSampleId :
030117-PRRT-F-U-M

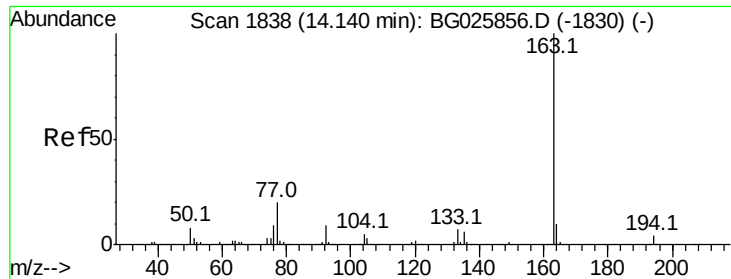
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	36.4	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 111.92 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026072.D
Acq: 3 Mar 2017 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.2	48.2
170	25.2	21.8	32.6





#49

Dimethylphthalate

Concen: 3.53 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-U-M

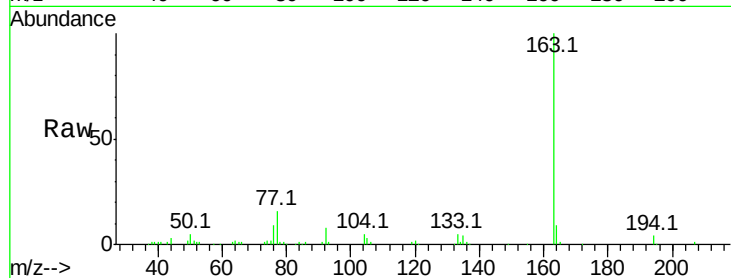
Tot Ion:163 Resp: 66735

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

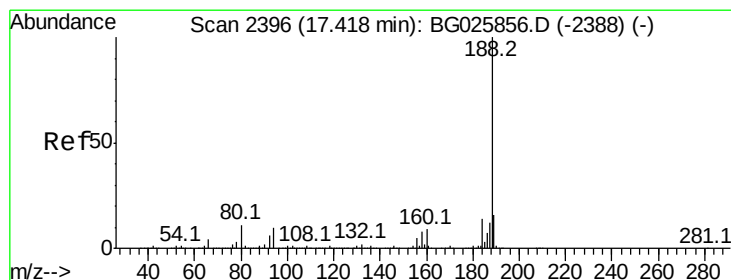
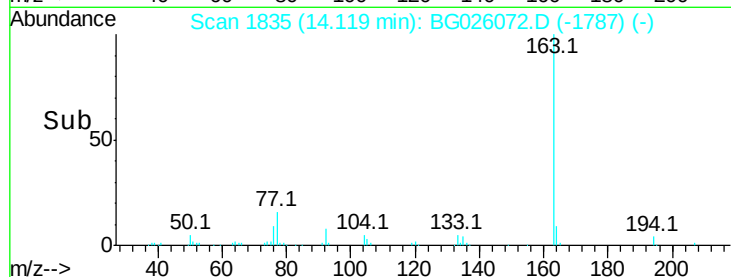
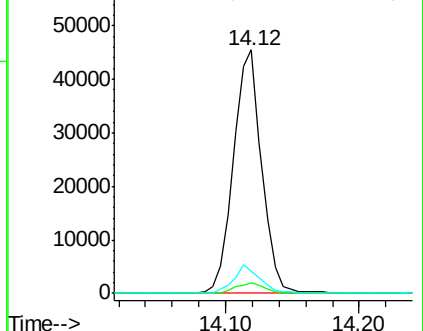
164 9.1 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

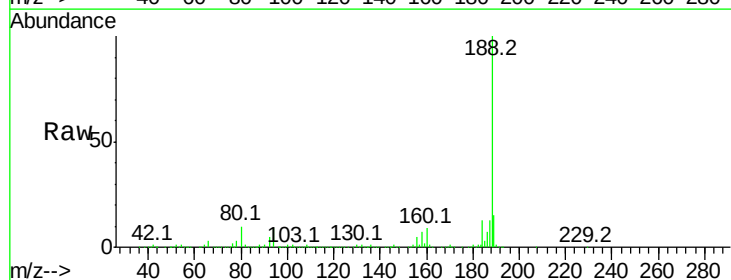
Tgt Ion:188 Resp: 646646

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

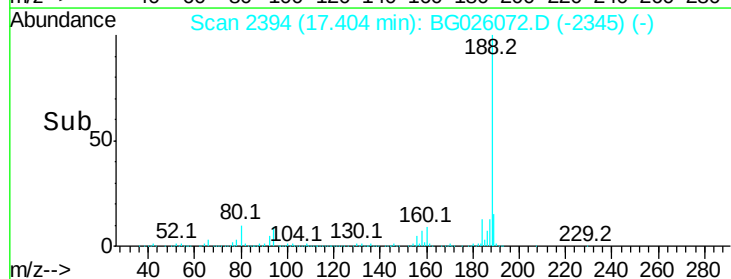
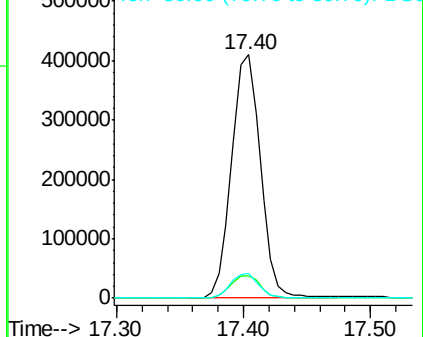
80 10.2 7.5 11.3

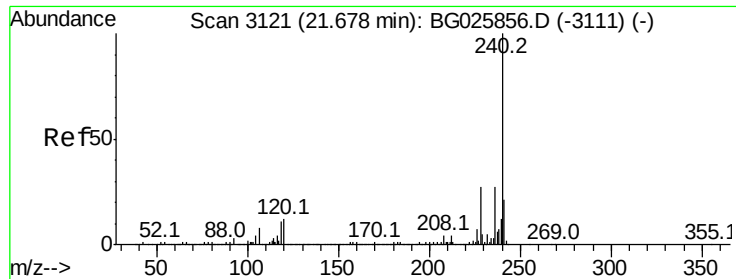


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-U-M

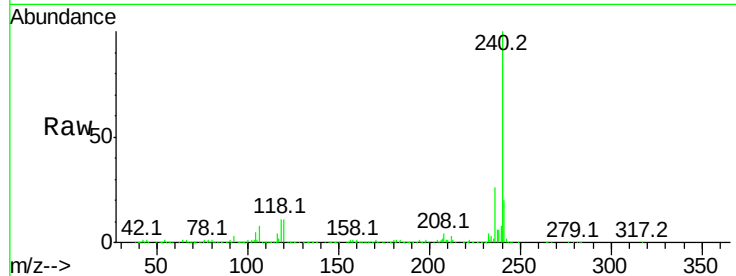
Tot Ion:240 Resp: 630282

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

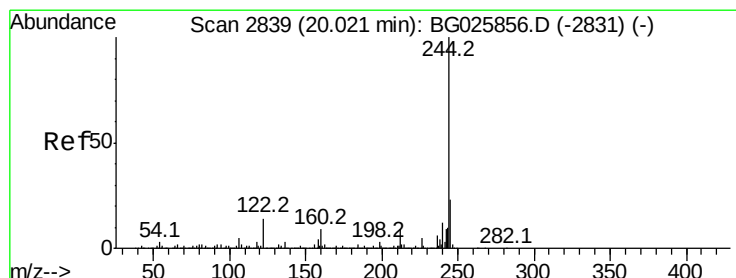
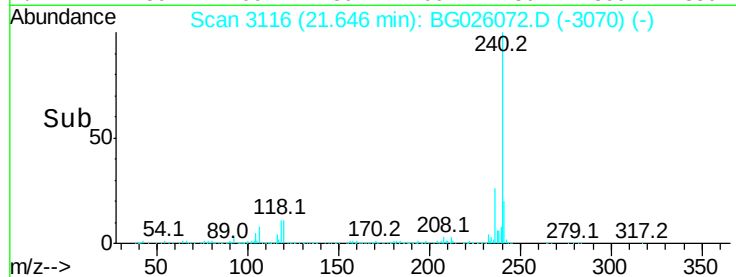
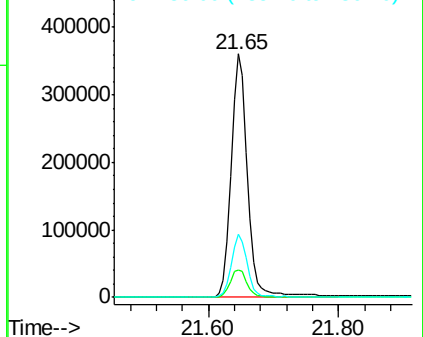
236 25.9 22.2 33.4



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: 85.88 ng

RT: 19.99 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

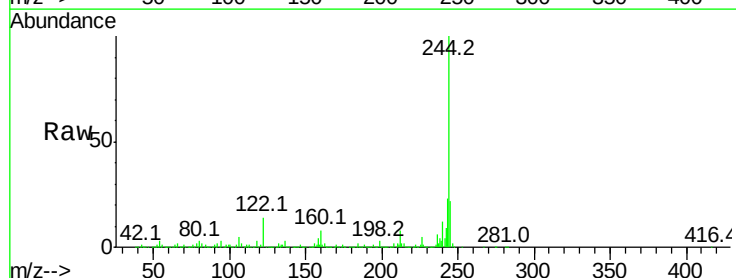
Tgt Ion:244 Resp: 2225531

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

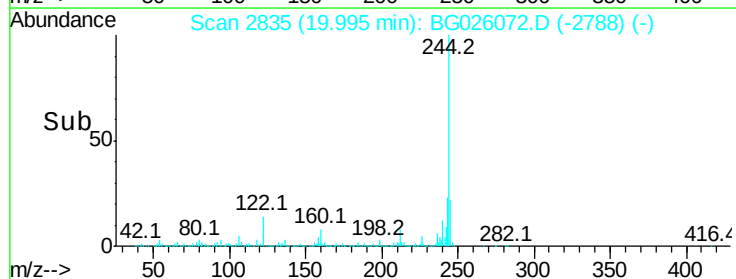
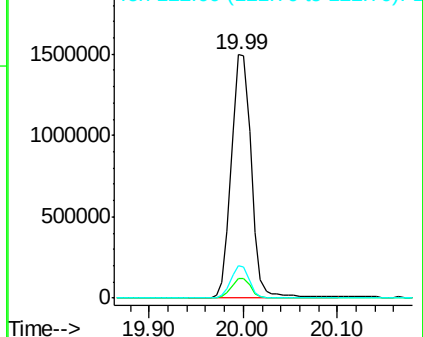
122 13.6 8.6 12.8#

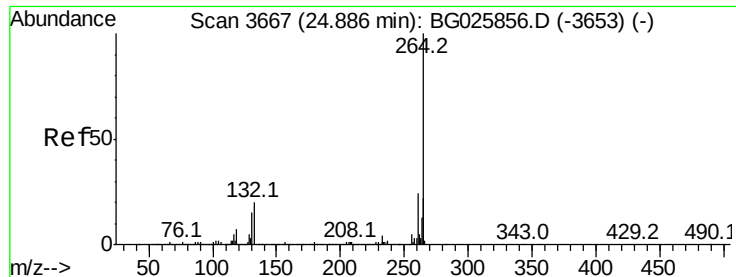


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3660
Delta R.T. -0.04 min
Lab File: BG026072.D
Acq: 3 Mar 2017 20:27

Instrument :
BNA_G
ClientSampleId :
030117-PRRT-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	21.3	18.2	27.4

