

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026025.D
 Acq On : 2 Mar 2017 12:01
 Operator : SJ/MA
 Sample : PB97270TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97270TB

Quant Time: Mar 02 14:59:02 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	118191	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	477074	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	256975	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	587802	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	569432	20.00	ng	-0.03
86) Perylene-d12	24.85	264	510428	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1083338	159.58	ng	0.00
7) Phenol-d6	7.23	99	1369734	136.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	756020	100.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	439841	185.26	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1837139	124.92	ng	-0.01
78) Terphenyl-d14	20.00	244	2374734	101.43	ng	-0.02

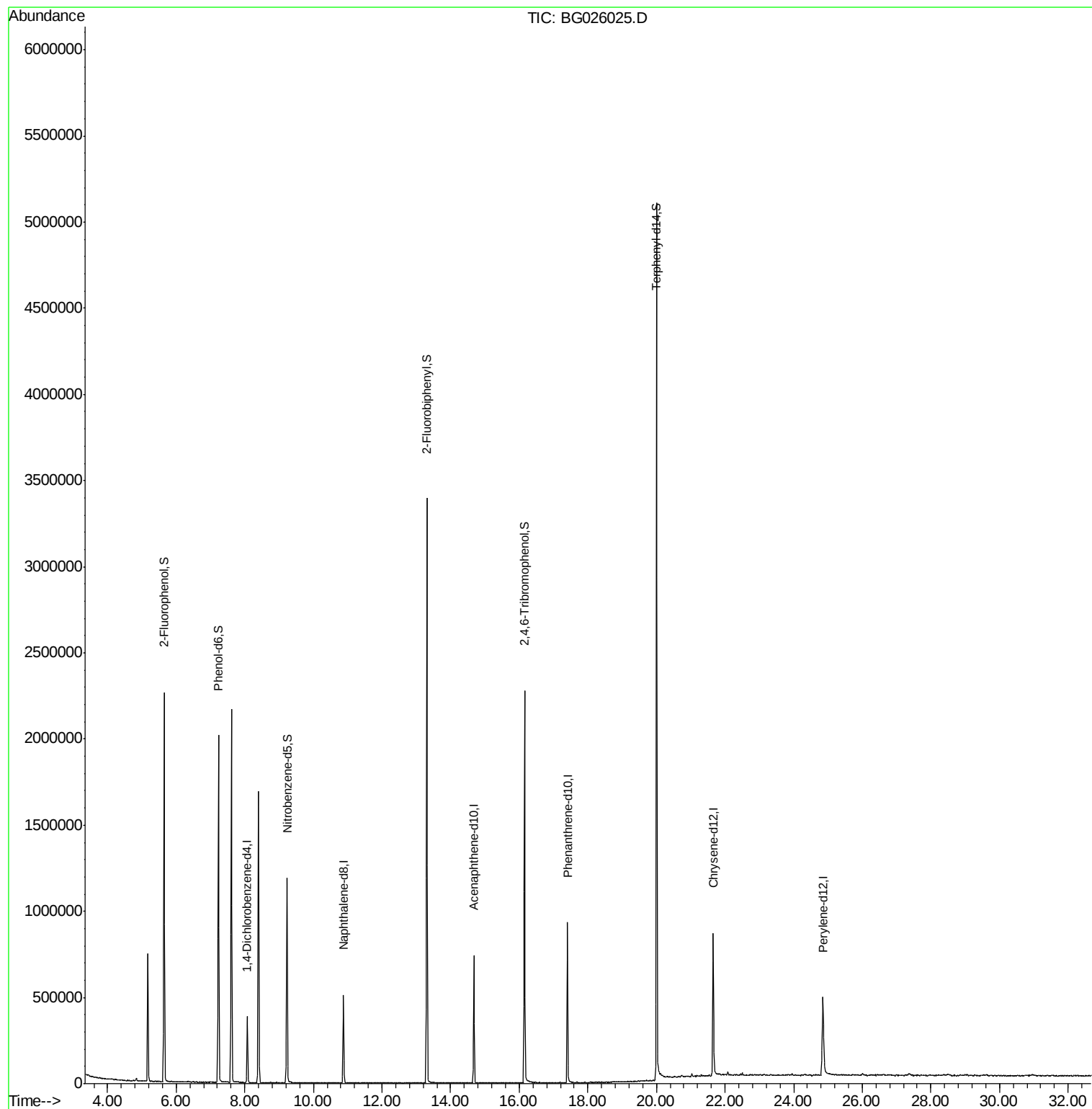
Target Compounds	Qvalue
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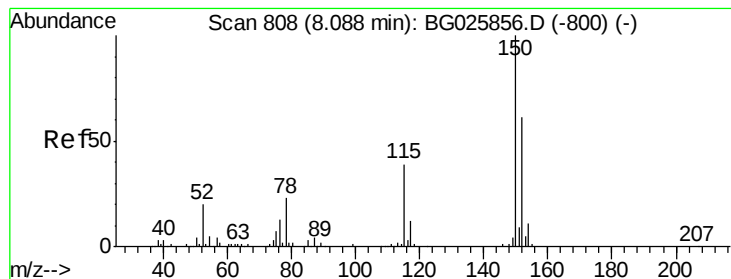
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

PB97270TB

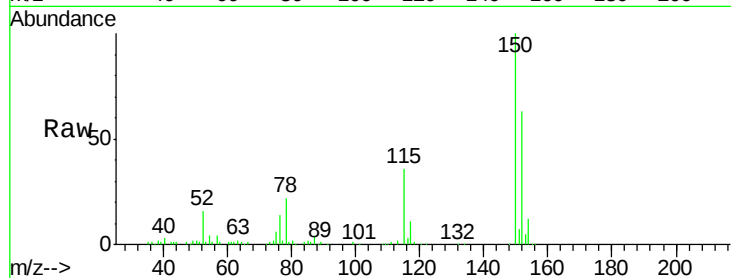
Tgt Ion:152 Resp: 118191

Ion Ratio Lower Upper

152 100

150 158.9 114.0 171.0

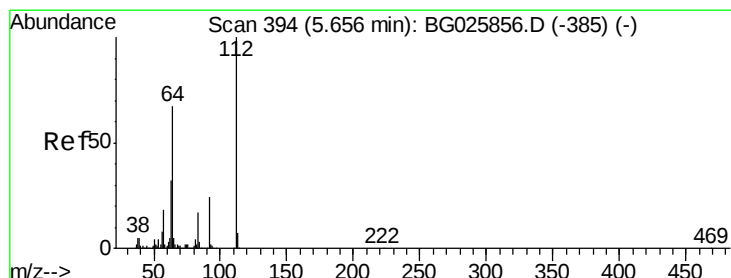
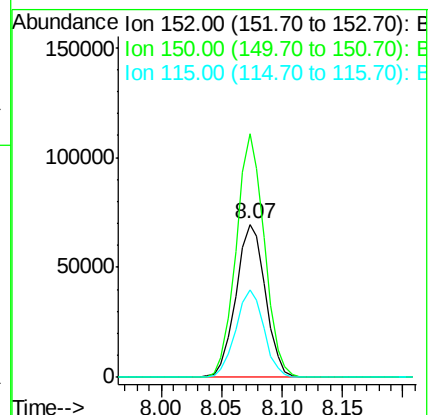
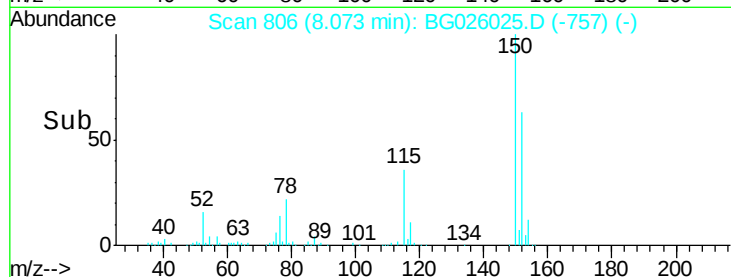
115 57.5 48.1 72.1



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: 159.58 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

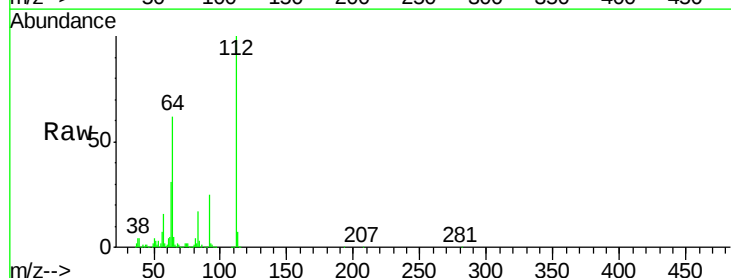
Tgt Ion:112 Resp: 1083338

Ion Ratio Lower Upper

112 100

64 62.2 61.8 92.6

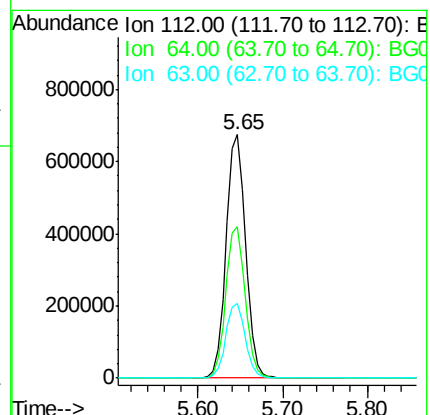
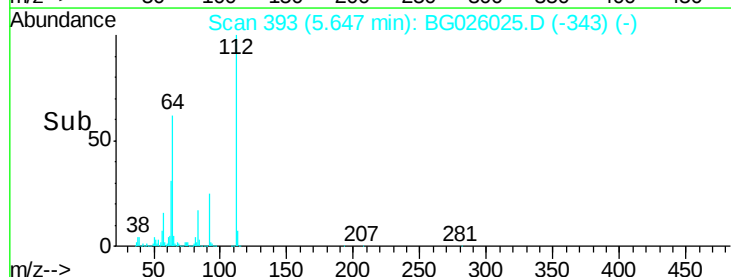
63 30.9 37.2 55.8#

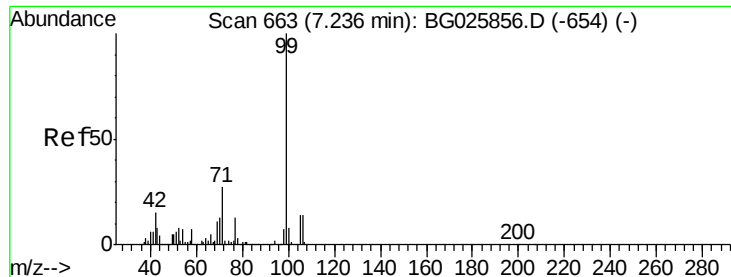


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.35 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

PB97270TB

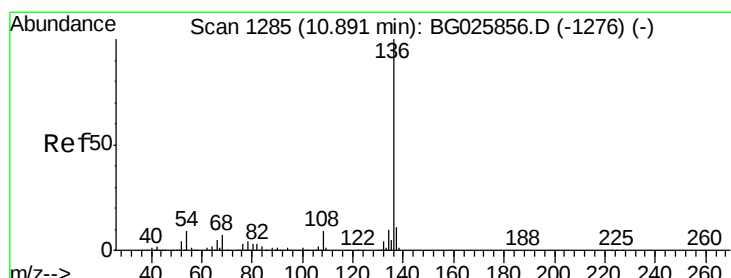
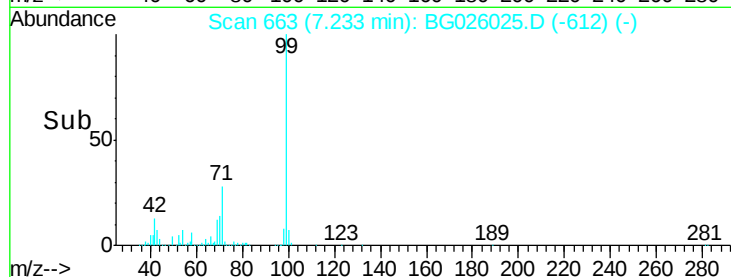
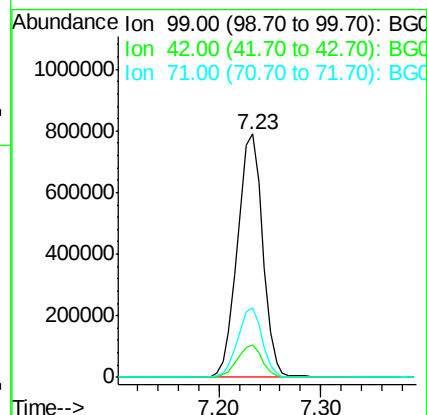
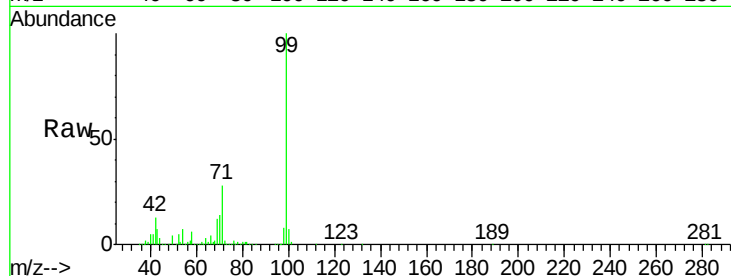
Tgt Ion: 99 Resp: 1369734

Ion Ratio Lower Upper

99 100

42 13.2 20.5 30.7#

71 28.3 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

Tgt Ion: 136 Resp: 477074

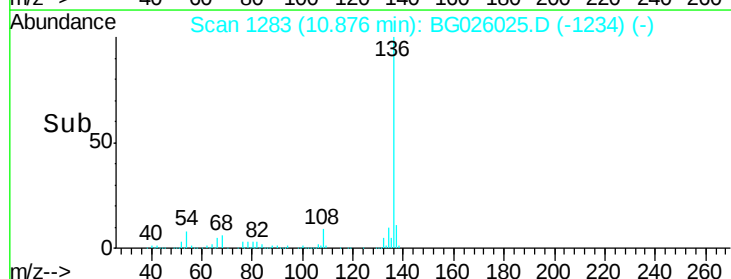
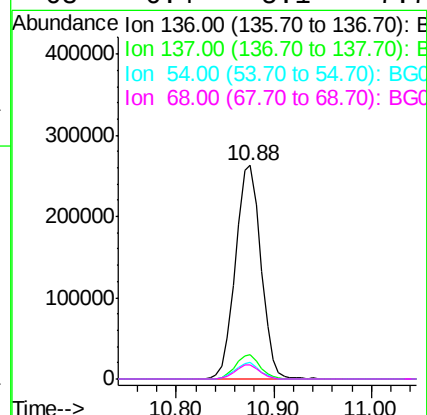
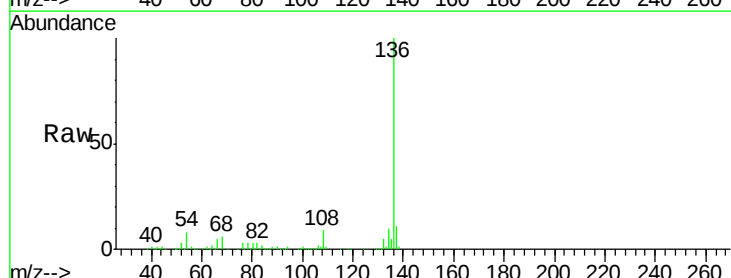
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.6 9.3 13.9#

68 6.4 5.1 7.7

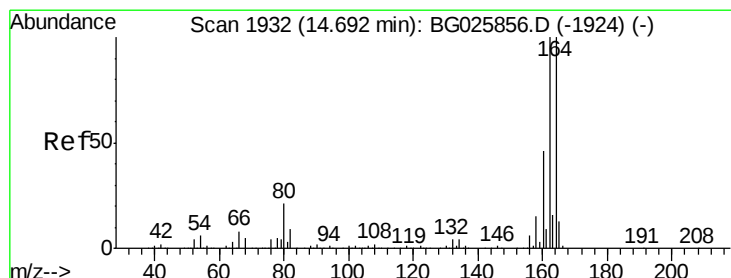
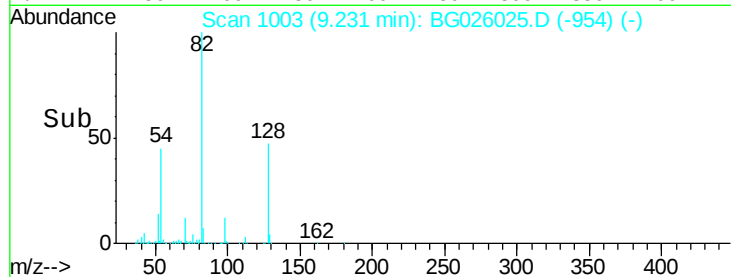
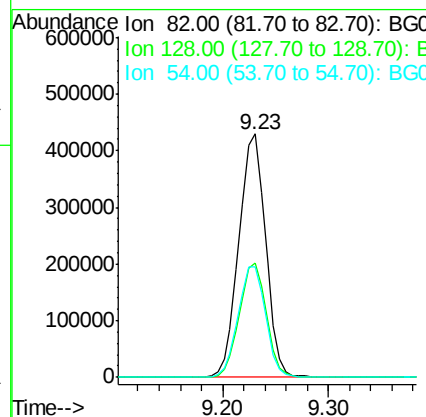
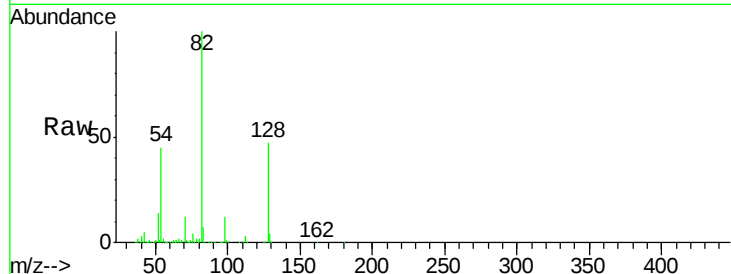




#23
 Nitrobenzene-d5
 Concen: 100.01 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG026025.D
 Acq: 2 Mar 2017 12:01

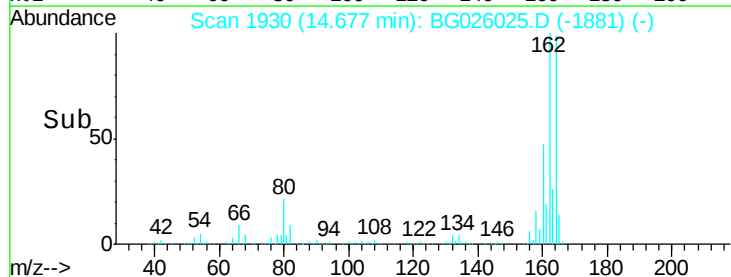
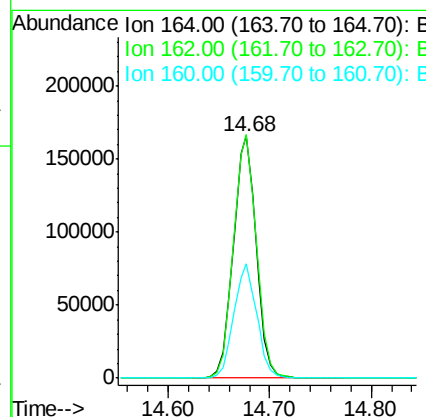
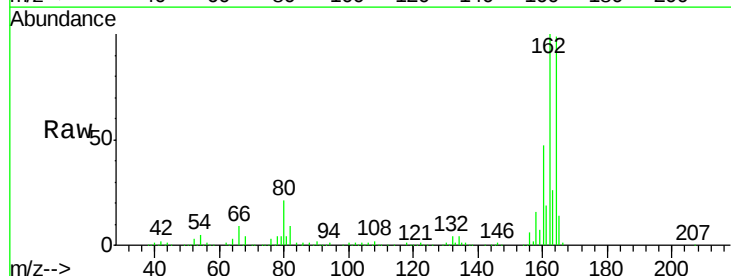
Instrument :
 BNA_G
 ClientSampleID :
 PB97270TB

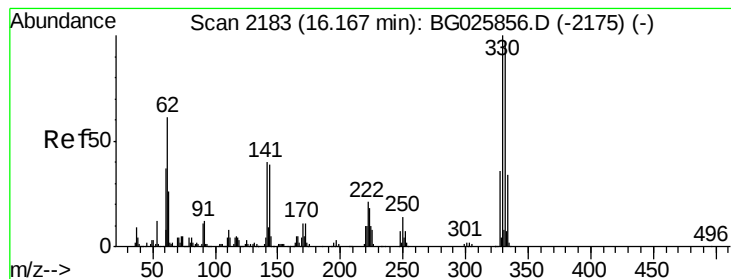
Tgt Ion: 82 Resp: 756020
 Ion Ratio Lower Upper
 82 100
 128 47.1 26.4 39.6#
 54 45.2 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG026025.D
 Acq: 2 Mar 2017 12:01

Tgt Ion: 164 Resp: 256975
 Ion Ratio Lower Upper
 164 100
 162 100.7 85.1 127.7
 160 47.2 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 185.26 ng

RT: 16.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

PB97270TB

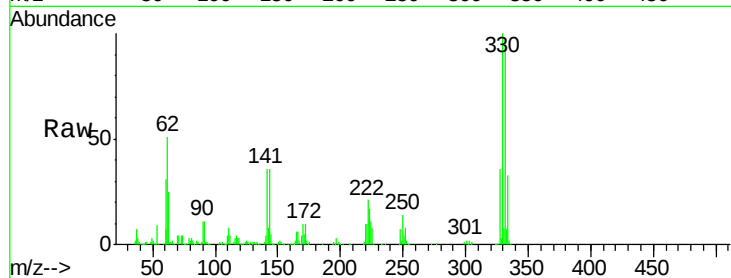
Tgt Ion:330 Resp: 439841

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

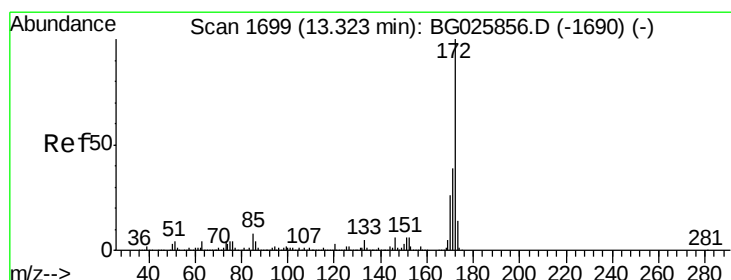
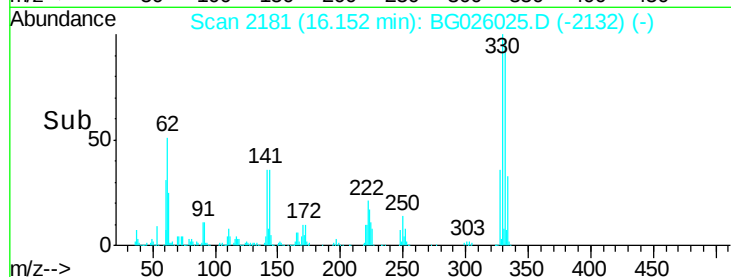
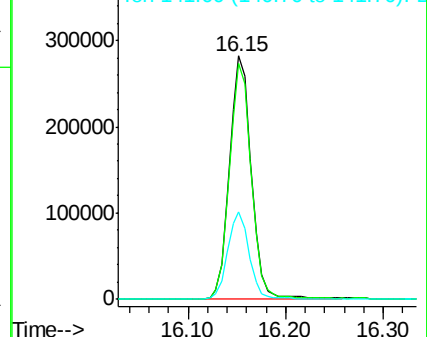
141 35.4 32.1 48.1



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: 124.92 ng

RT: 13.31 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

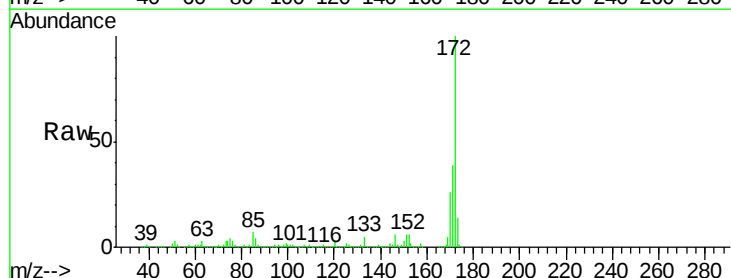
Tgt Ion:172 Resp: 1837139

Ion Ratio Lower Upper

172 100

171 39.0 32.2 48.2

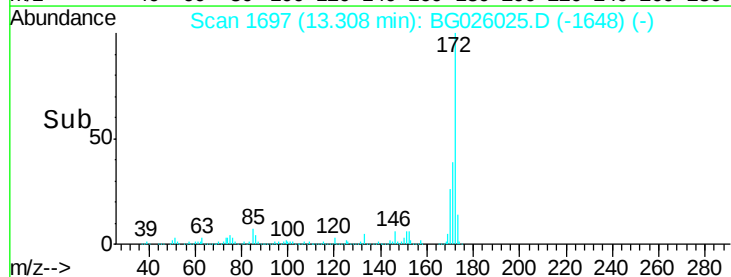
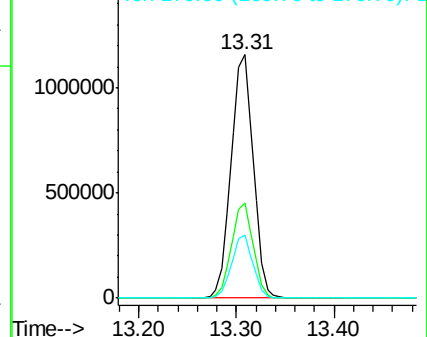
170 26.1 21.8 32.6

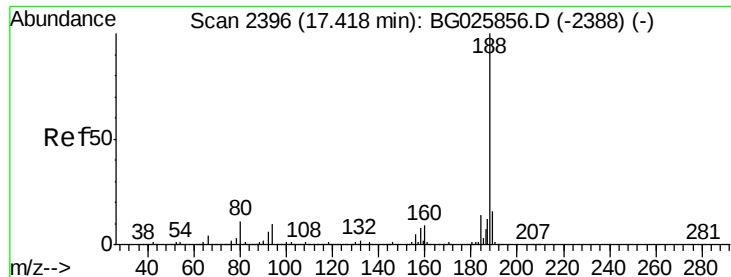


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

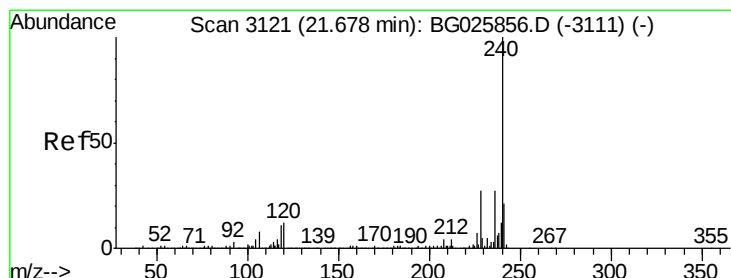
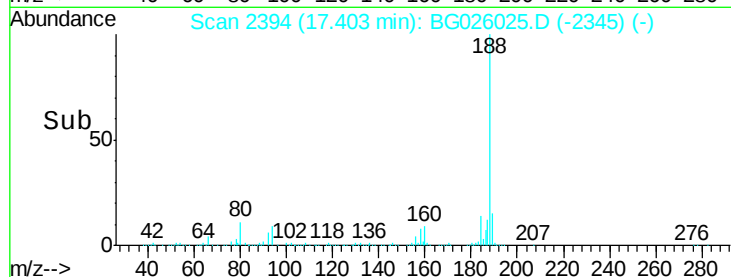
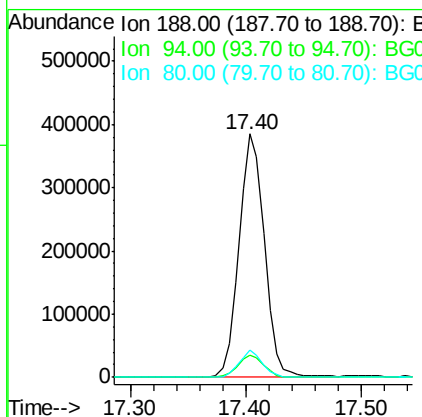
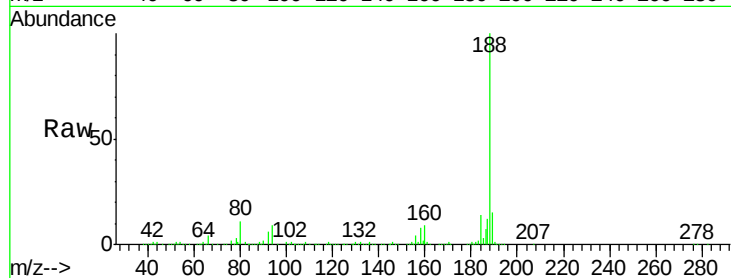




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG026025.D
Acq: 2 Mar 2017 12:01

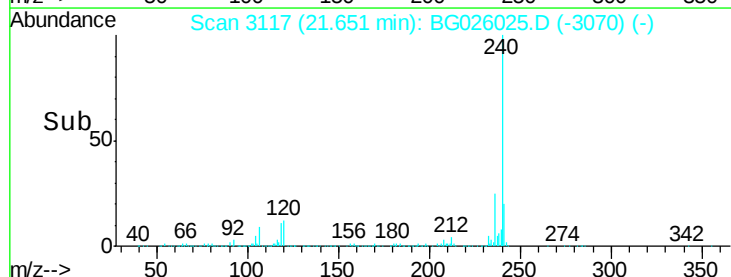
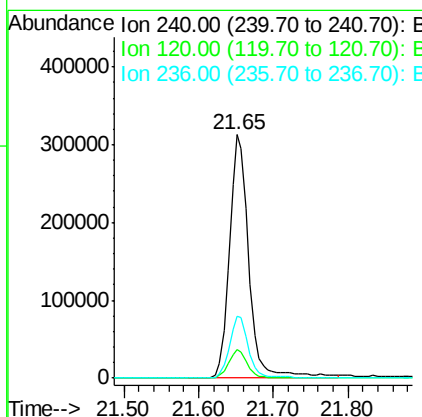
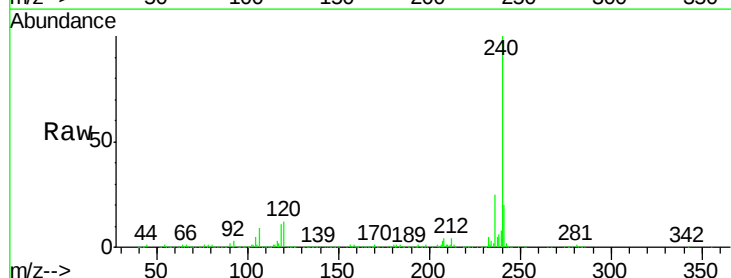
Instrument :
BNA_G
ClientSampleId :
PB97270TB

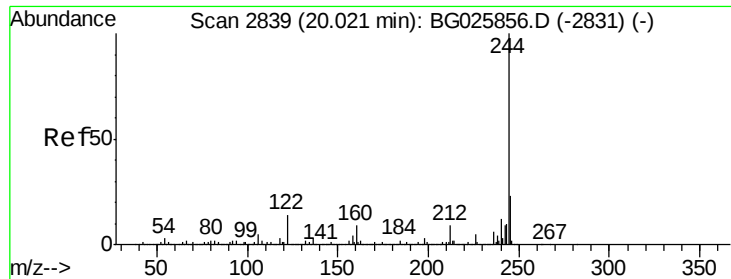
Tgt Ion:188 Resp: 587802
Ion Ratio Lower Upper
188 100
94 9.3 5.8 8.8#
80 11.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.03 min
Lab File: BG026025.D
Acq: 2 Mar 2017 12:01

Tgt Ion:240 Resp: 569432
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.3 22.2 33.4





#78

Terphenyl-d14

Concen: 101.43 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

PB97270TB

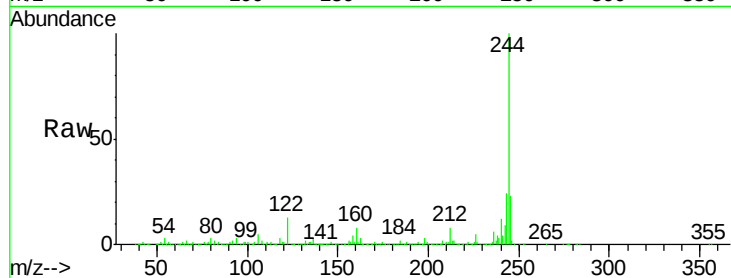
Tgt Ion:244 Resp: 2374734

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

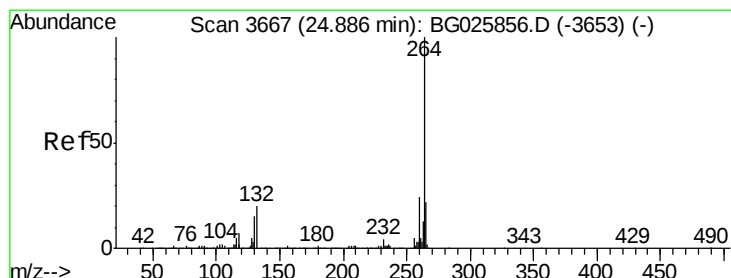
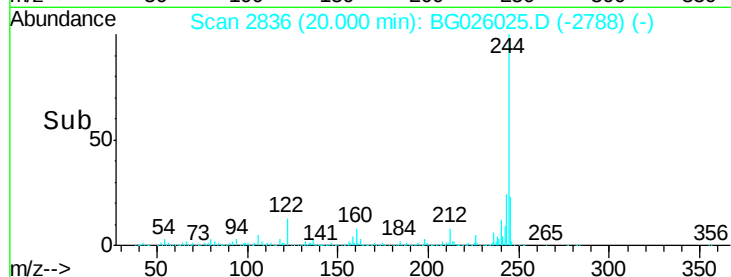
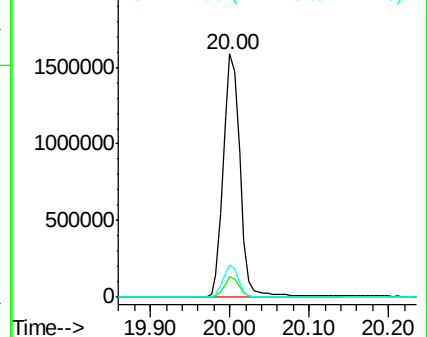
122 13.1 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026025.D

Acq: 2 Mar 2017 12:01

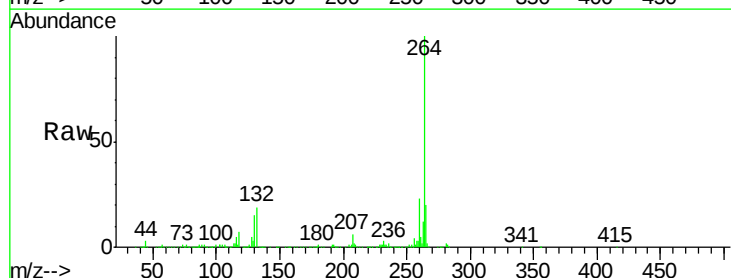
Tgt Ion:264 Resp: 510428

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 20.1 18.2 27.4



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

