

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026044.D
 Acq On : 3 Mar 2017 00:34
 Operator : SJ/MA
 Sample : I2056-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10B-19

Quant Time: Mar 03 01:32:04 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

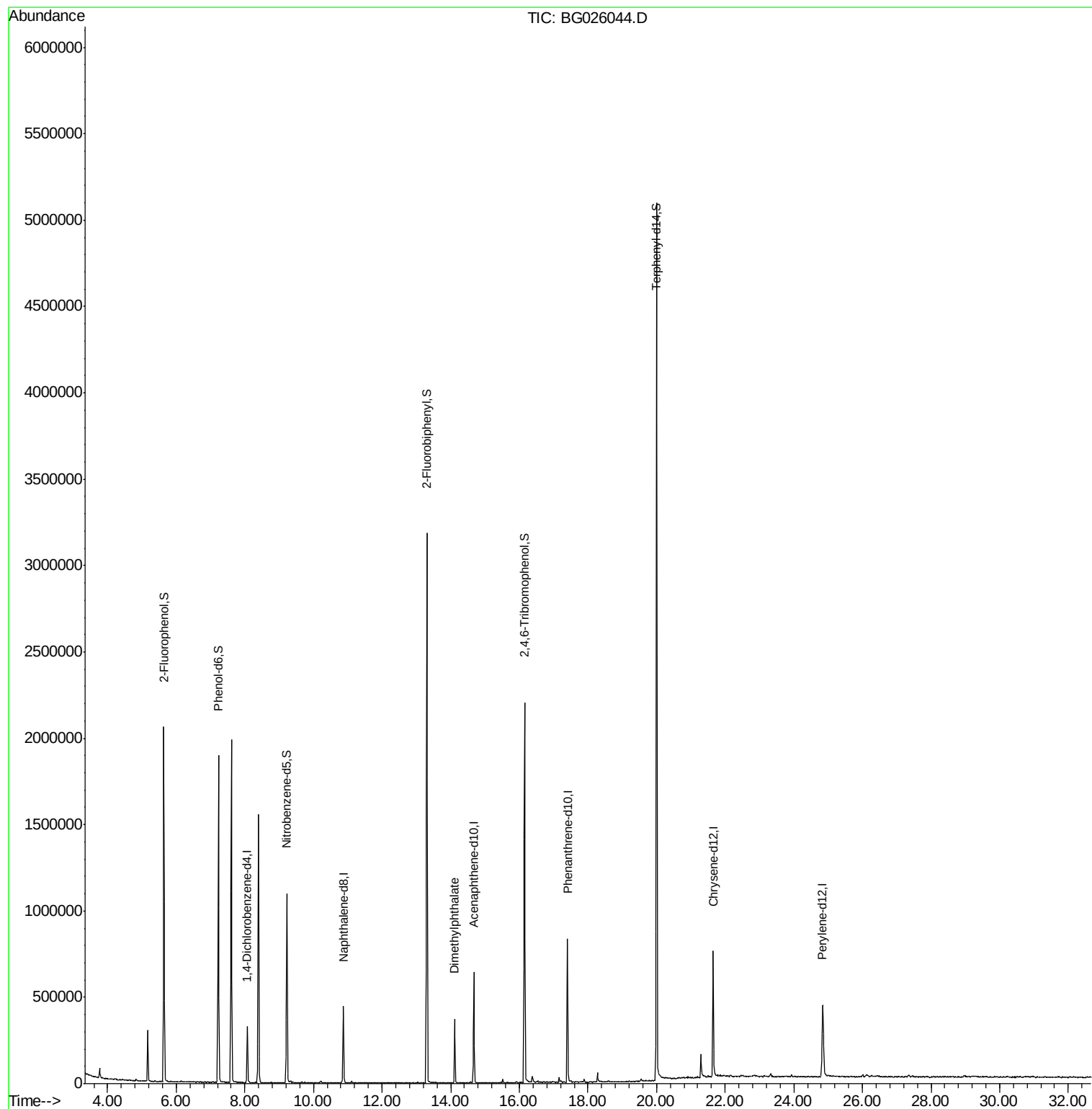
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	98063	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	403689	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	223431	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	525428	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	492685	20.00	ng	-0.03
86) Perylene-d12	24.85	264	451401	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	956846	169.88	ng	-0.01
7) Phenol-d6	7.23	99	1270495	152.43	ng	0.00
23) Nitrobenzene-d5	9.23	82	706853	110.50	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	413301	200.22	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1690254	132.19	ng	-0.02
78) Terphenyl-d14	20.00	244	2183274	107.78	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	258355	16.85	ng	Qvalue 98

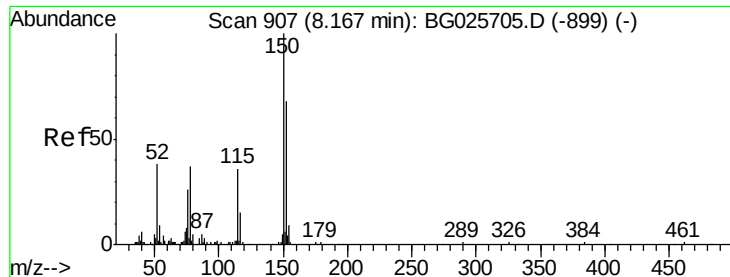
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026044.D

Acq: 3 Mar 2017 00:34

Instrument :

BNA_G

ClientSampleId :

10B-19

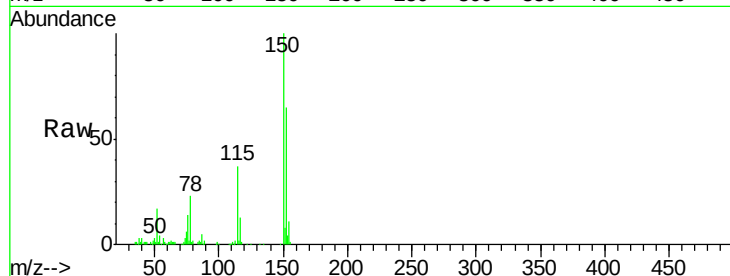
Tgt Ion:152 Resp: 98063

Ion Ratio Lower Upper

152 100

150 153.3 114.0 171.0

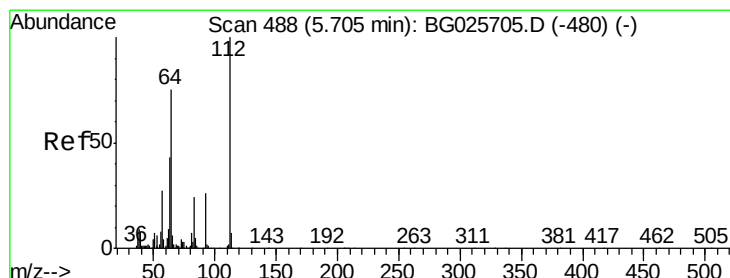
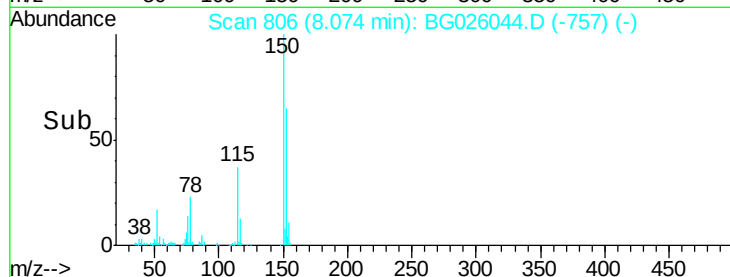
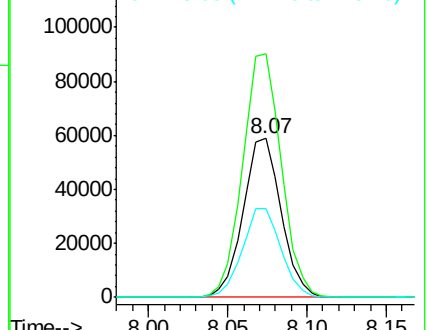
115 56.0 48.1 72.1



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: 169.88 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026044.D

Acq: 3 Mar 2017 00:34

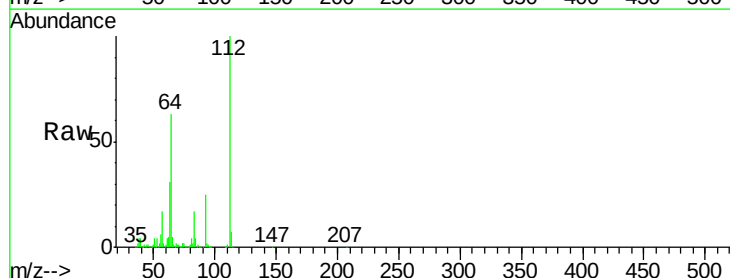
Tgt Ion:112 Resp: 956846

Ion Ratio Lower Upper

112 100

64 63.2 61.8 92.6

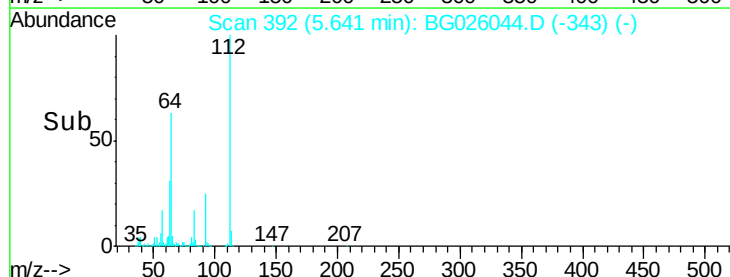
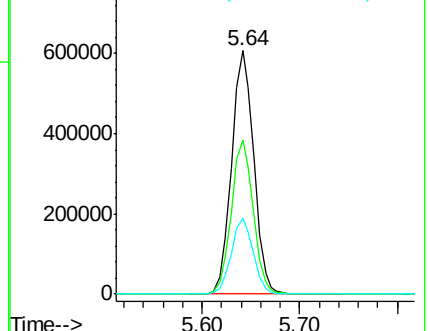
63 31.1 37.2 55.8#

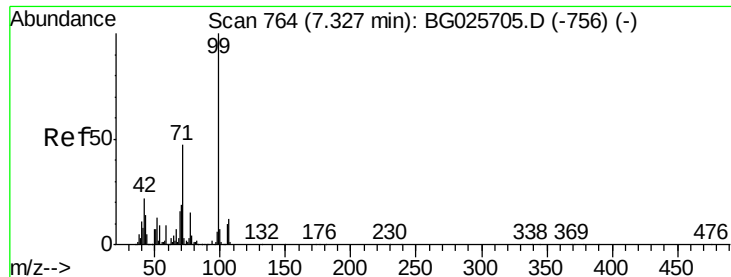


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 152.43 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026044.D

Acq: 3 Mar 2017 00:34

Instrument :

BNA_G

ClientSampleId :

10B-19

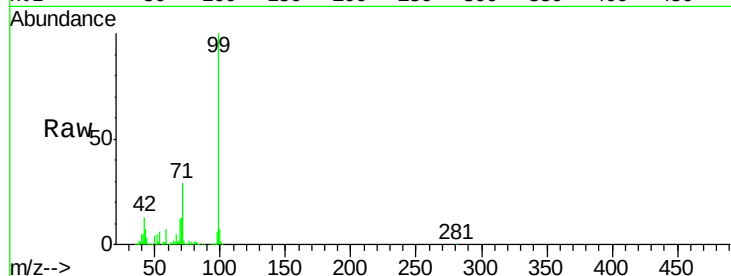
Tgt Ion: 99 Resp: 1270495

Ion Ratio Lower Upper

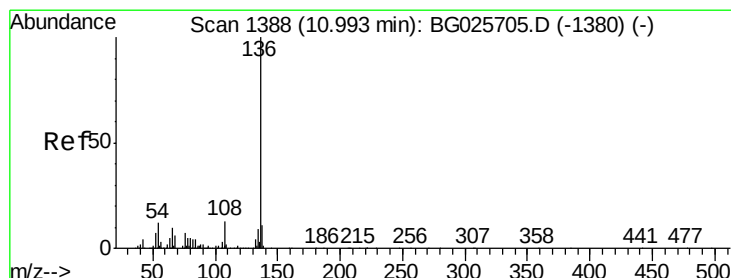
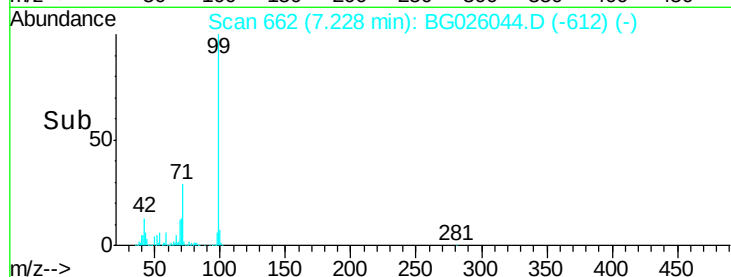
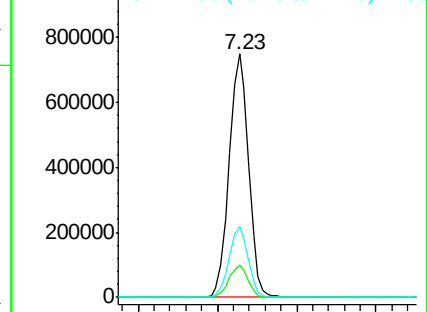
99 100

42 13.4 20.5 30.7#

71 29.0 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: BG026044.D

Acq: 3 Mar 2017 00:34

Tgt Ion: 136 Resp: 403689

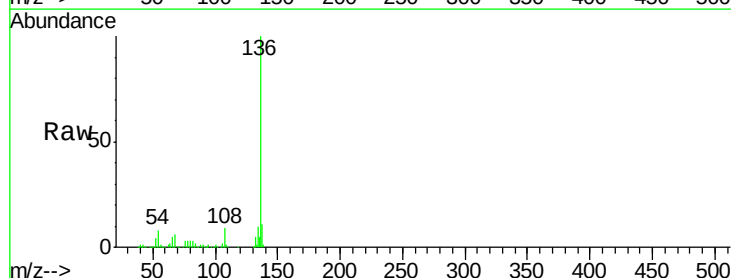
Ion Ratio Lower Upper

136 100

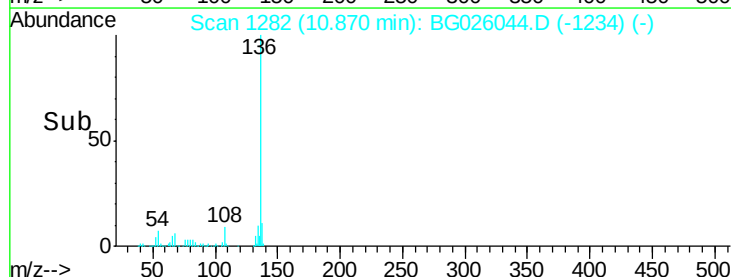
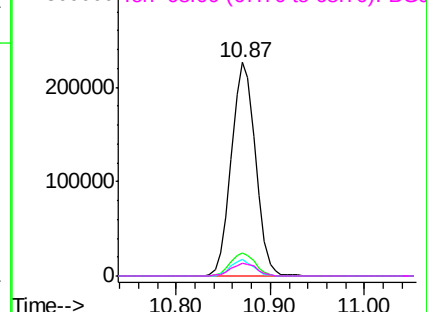
137 10.9 8.9 13.3

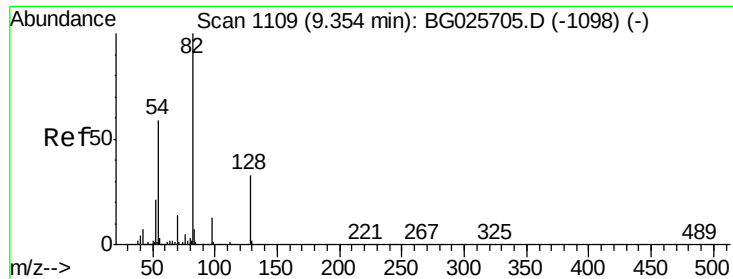
54 7.6 9.3 13.9#

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

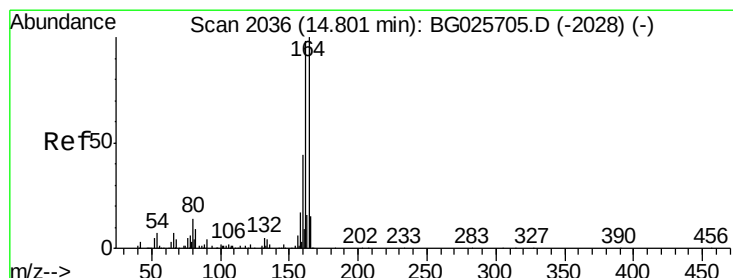
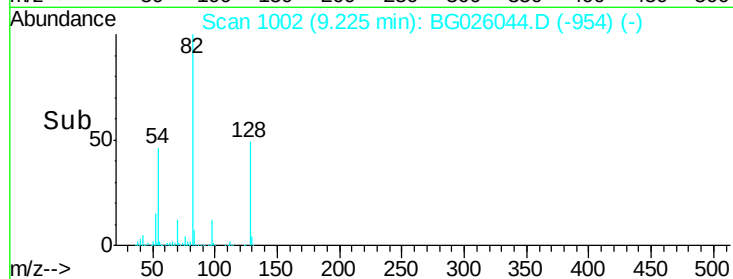
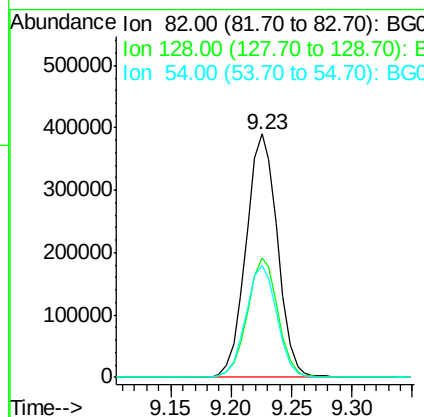
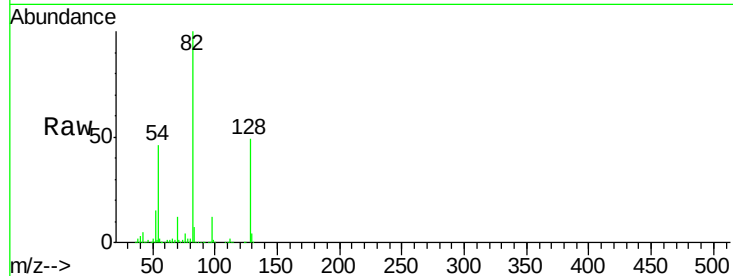




#23
 Nitrobenzene-d5
 Concen: 110.50 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026044.D
 Acq: 3 Mar 2017 00:34

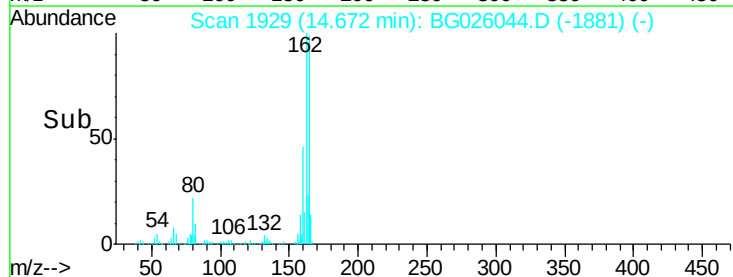
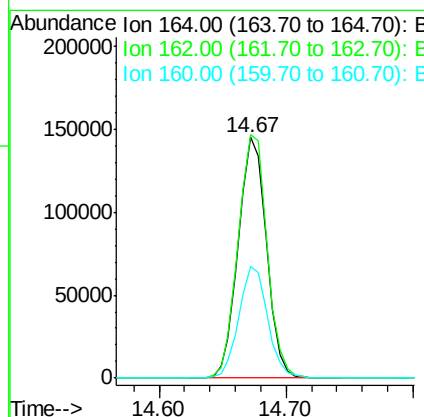
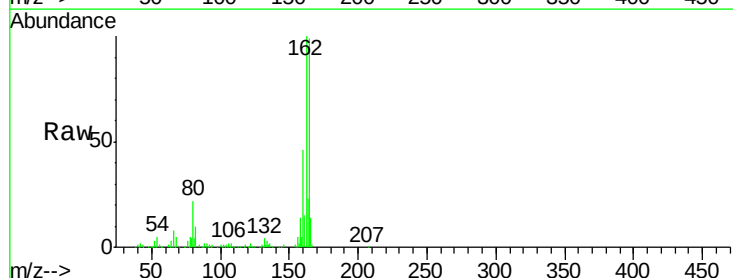
Instrument :
 BNA_G
 ClientSampled :
 10B-19

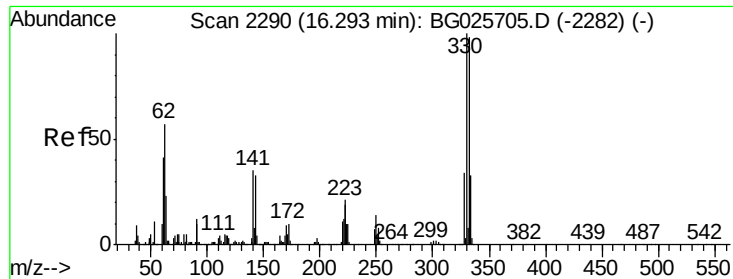
Tgt Ion: 82 Resp: 706853
 Ion Ratio Lower Upper
 82 100
 128 48.8 26.4 39.6#
 54 46.1 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026044.D
 Acq: 3 Mar 2017 00:34

Tgt Ion: 164 Resp: 223431
 Ion Ratio Lower Upper
 164 100
 162 101.2 85.1 127.7
 160 46.3 34.7 52.1

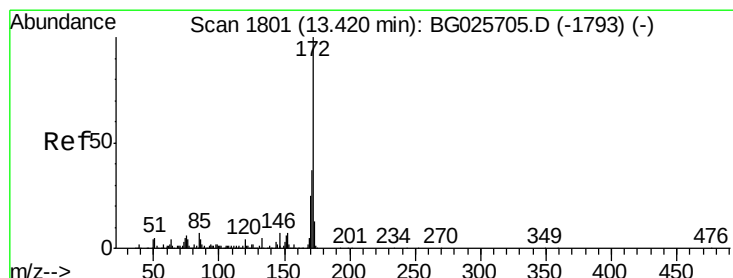
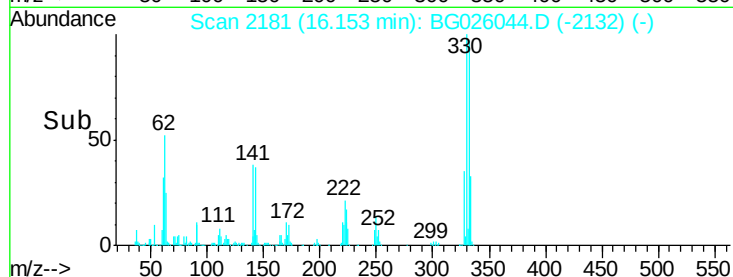
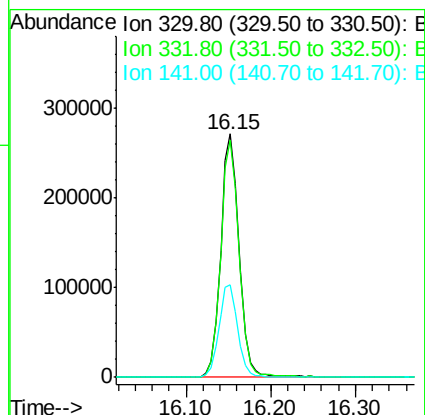
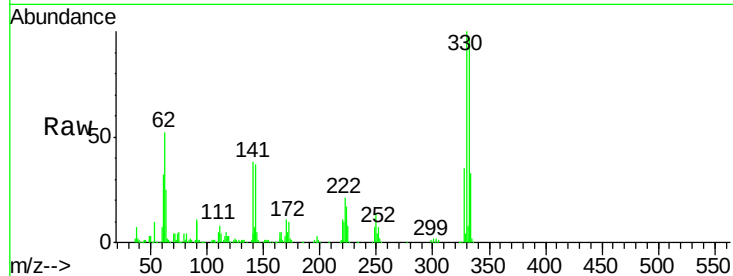




#41
2,4,6-Tribromophenol
Concen: 200.22 ng
RT: 16.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG026044.D
Acq: 3 Mar 2017 00:34

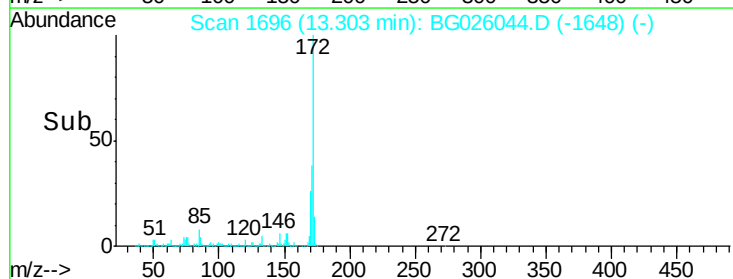
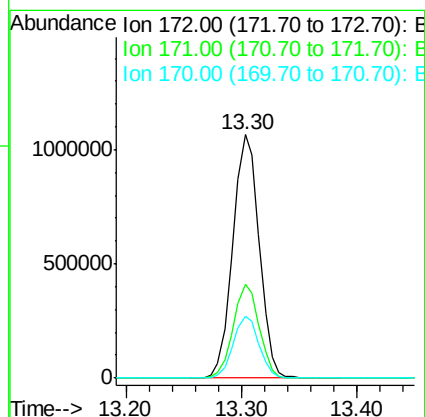
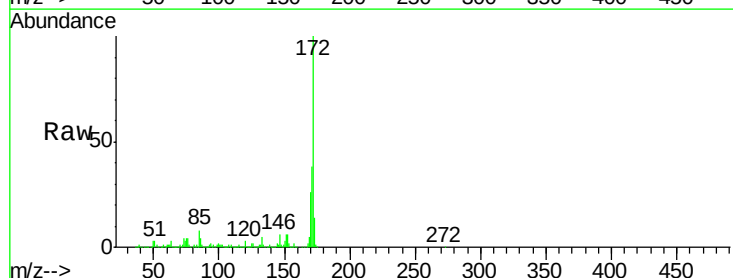
Instrument :
BNA_G
ClientSampleId :
10B-19

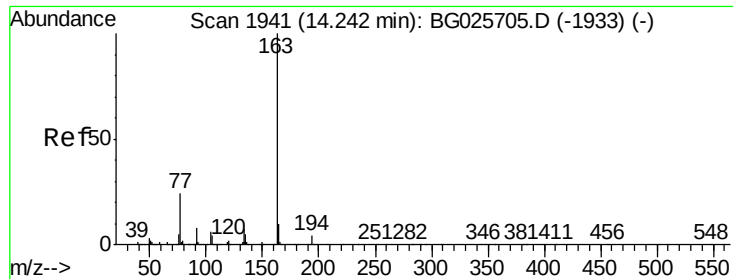
Tgt Ion:330 Resp: 413301
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 38.6 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 132.19 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026044.D
Acq: 3 Mar 2017 00:34

Tgt Ion:172 Resp: 1690254
Ion Ratio Lower Upper
172 100
171 38.4 32.2 48.2
170 25.7 21.8 32.6





#49

Dimethylphthalate

Concen: 16.85 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026044.D

Acq: 3 Mar 2017 00:34

Instrument :

BNA_G

ClientSampleId :

10B-19

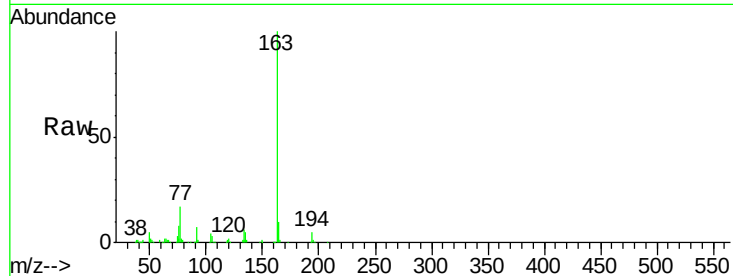
Tgt Ion:163 Resp: 258355

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

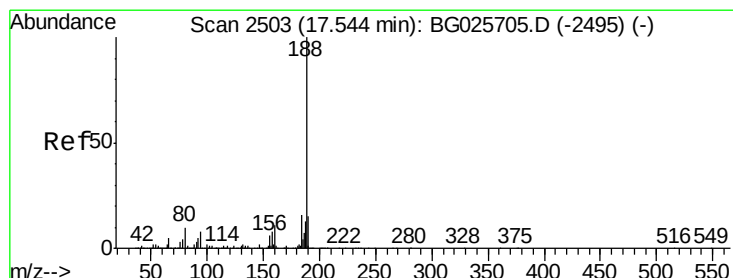
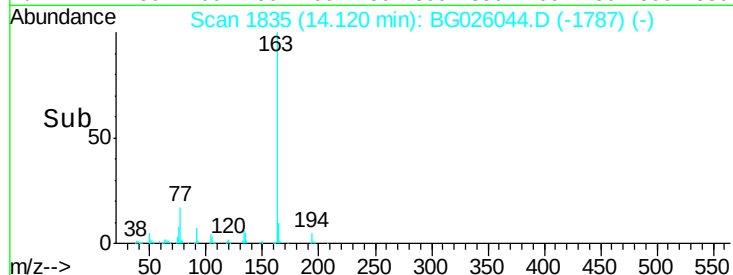
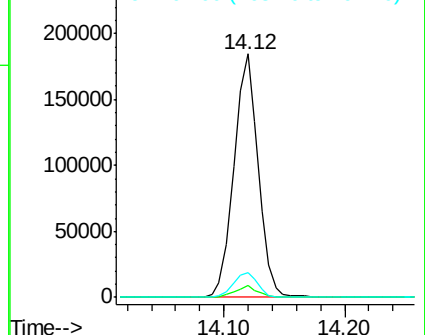
164 10.4 9.3 13.9



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: BG026044.D

Acq: 3 Mar 2017 00:34

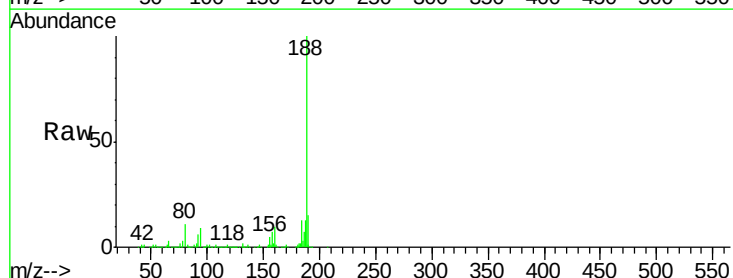
Tgt Ion:188 Resp: 525428

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.8#

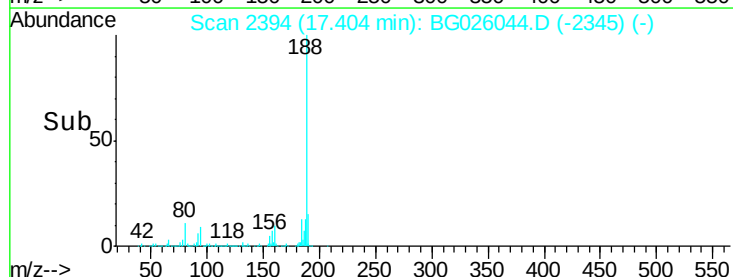
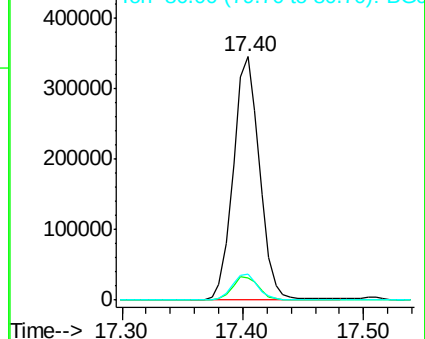
80 10.5 7.5 11.3

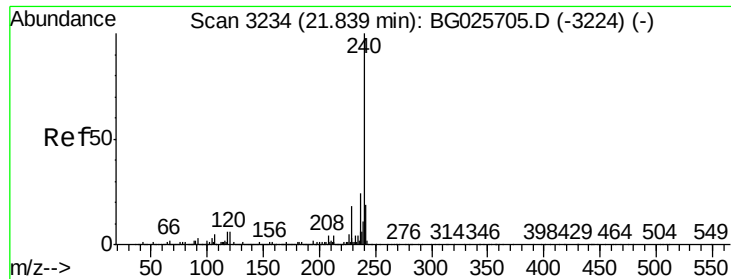


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

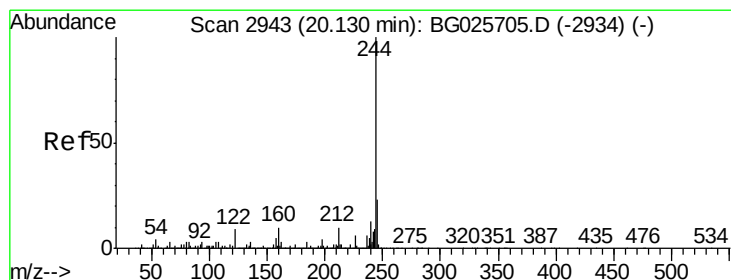
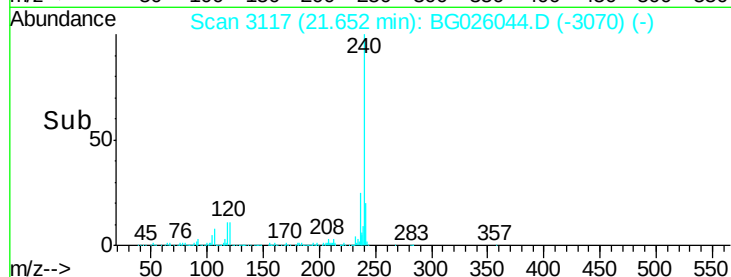
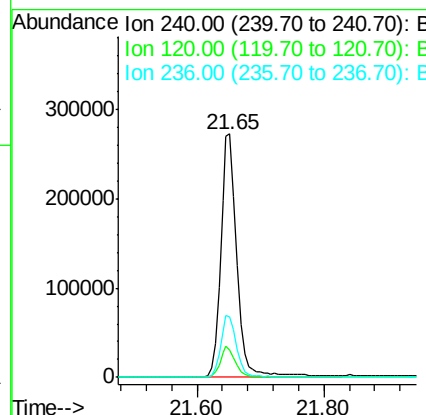
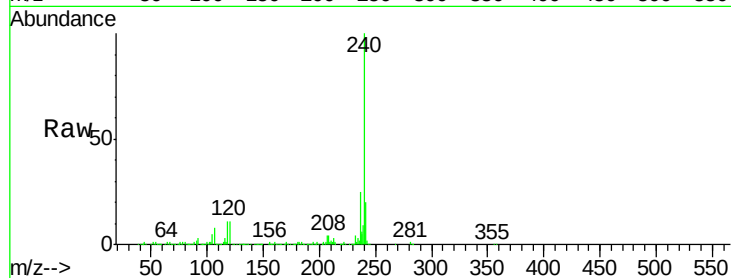




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.03 min
Lab File: BG026044.D
Acq: 3 Mar 2017 00:34

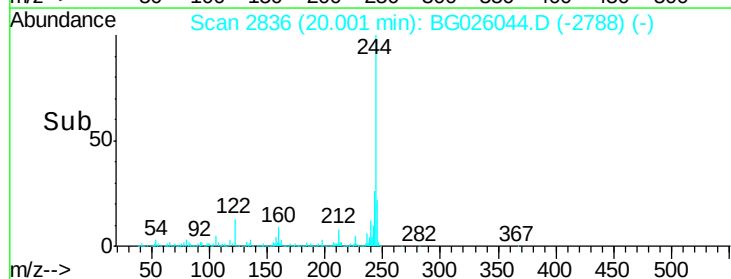
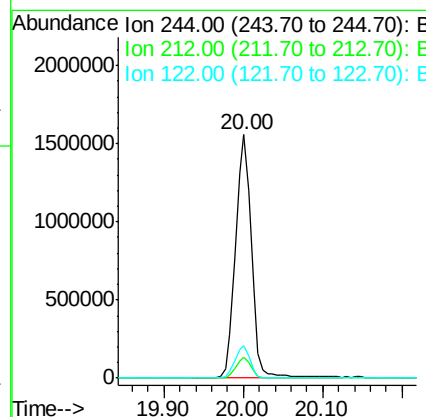
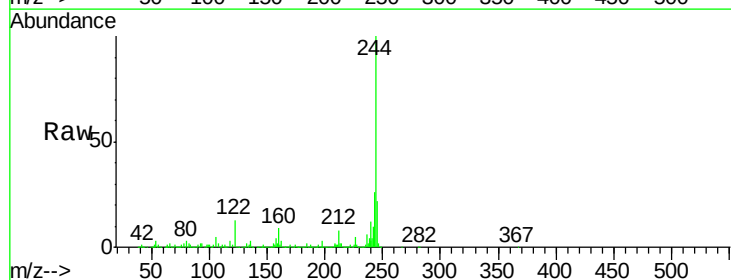
Instrument :
BNA_G
ClientSampleId :
10B-19

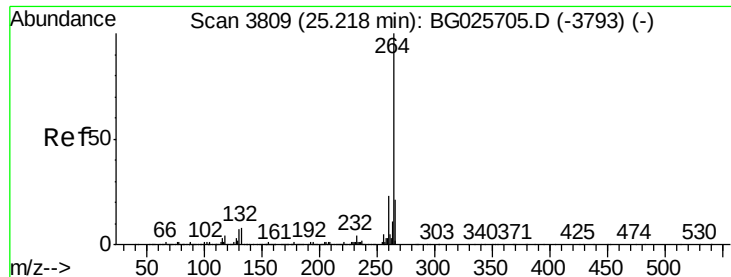
Tgt Ion:240 Resp: 492685
Ion Ratio Lower Upper
240 100
120 11.3 5.7 8.5#
236 25.0 22.2 33.4



#78
Terphenyl-d14
Concen: 107.78 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG026044.D
Acq: 3 Mar 2017 00:34

Tgt Ion:244 Resp: 2183274
Ion Ratio Lower Upper
244 100
212 8.4 10.0 15.0#
122 13.5 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3661
Delta R.T. -0.04 min
Lab File: BG026044.D
Acq: 3 Mar 2017 00:34

Instrument :
BNA_G
ClientSampleId :
10B-19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	19.7	18.2	27.4

