

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026047.D
 Acq On : 3 Mar 2017 2:32
 Operator : SJ/MA
 Sample : I2056-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18B-30

Quant Time: Mar 03 04:29:46 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

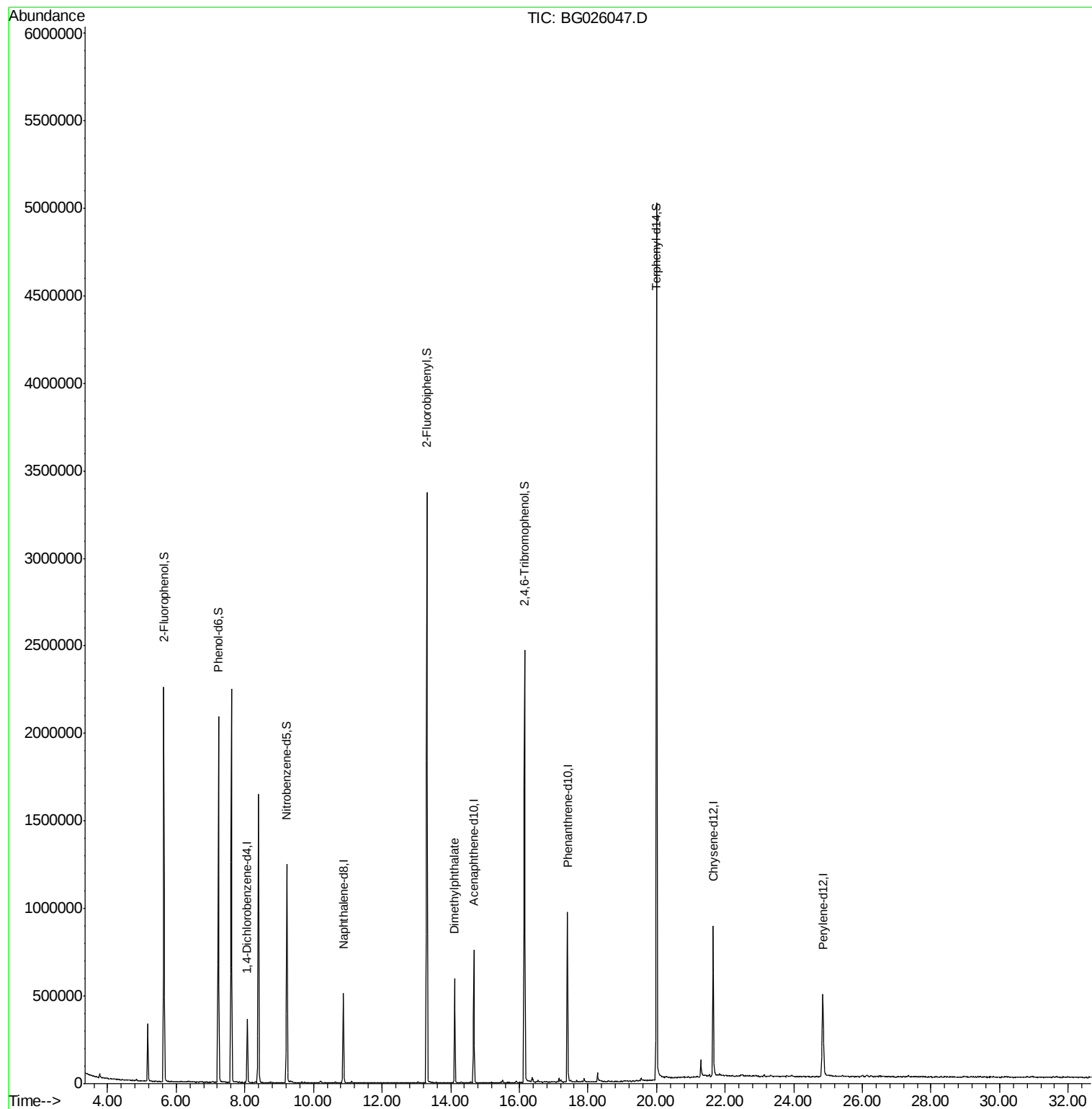
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	112312	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	457758	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	258165	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	602864	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	562994	20.00	ng	-0.03
86) Perylene-d12	24.84	264	500294	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1059813	164.29	ng	-0.01
7) Phenol-d6	7.23	99	1424480	149.22	ng	0.00
23) Nitrobenzene-d5	9.23	82	792938	109.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	464323	194.67	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1835205	124.21	ng	-0.02
78) Terphenyl-d14	20.00	244	2231182	96.39	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	429827	24.27	ng	Qvalue 96

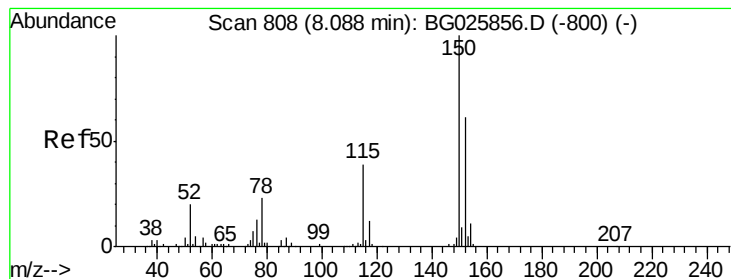
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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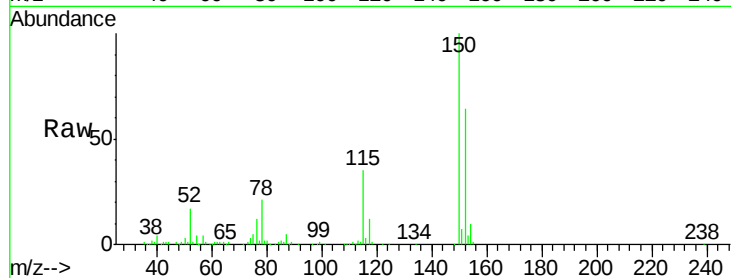


#1

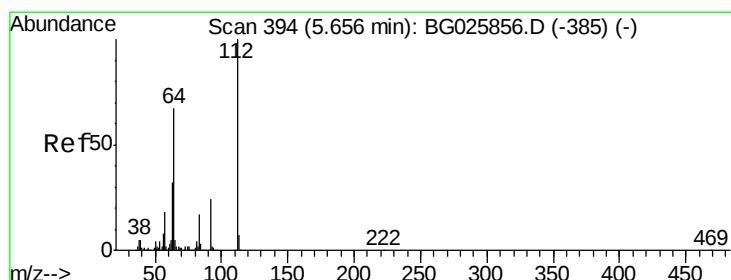
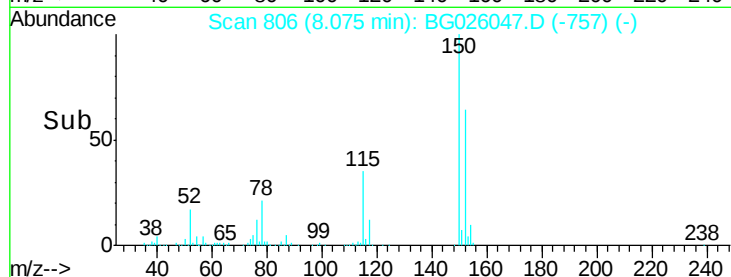
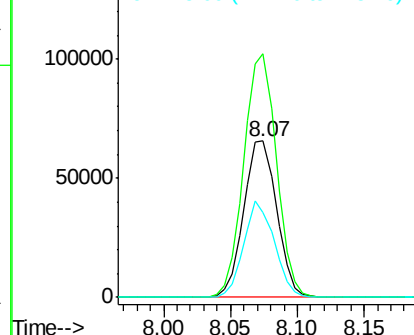
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG026047.D
Acq: 3 Mar 2017 2:32

Instrument :
BNA_G
ClientSampleId :
18B-30

Tgt Ion:152 Resp: 112312
Ion Ratio Lower Upper
152 100
150 155.8 114.0 171.0
115 54.7 48.1 72.1



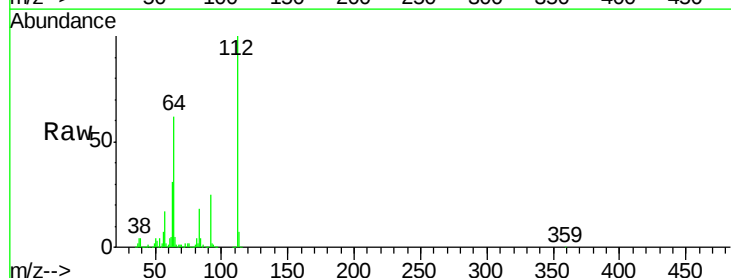
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



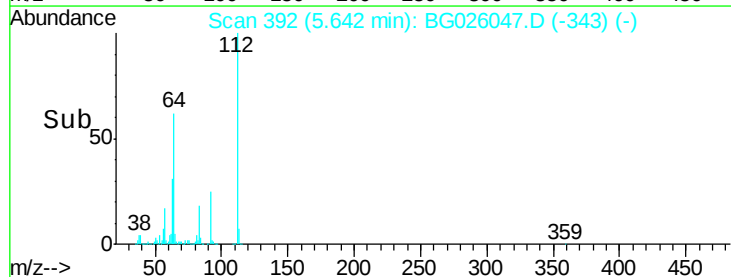
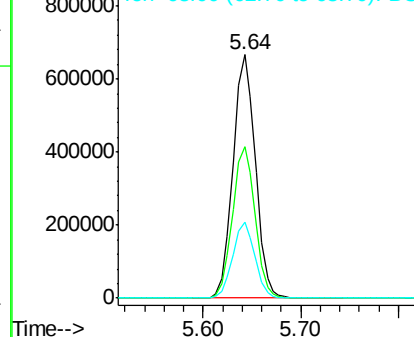
#5

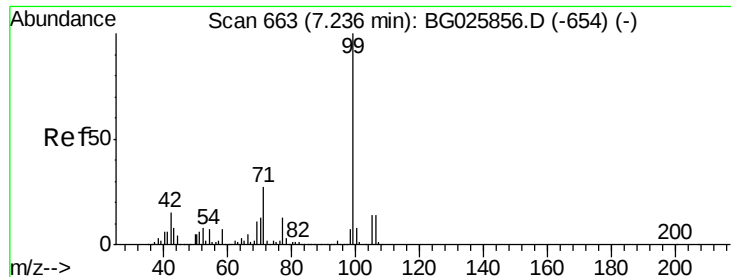
2-Fluorophenol
Concen: 164.29 ng
RT: 5.64 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG026047.D
Acq: 3 Mar 2017 2:32

Tgt Ion:112 Resp: 1059813
Ion Ratio Lower Upper
112 100
64 62.1 61.8 92.6
63 31.3 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: 149.22 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026047.D

Acq: 3 Mar 2017 2:32

Instrument :

BNA_G

ClientSampleId :

18B-30

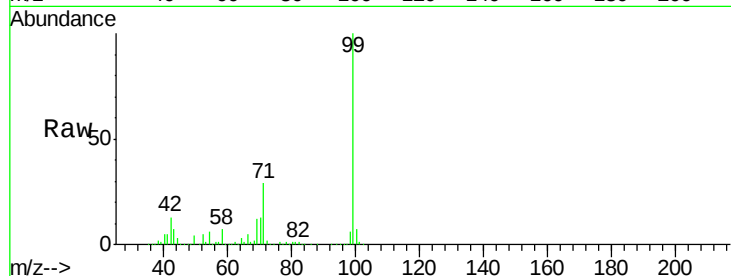
Tgt Ion: 99 Resp: 1424480

Ion Ratio Lower Upper

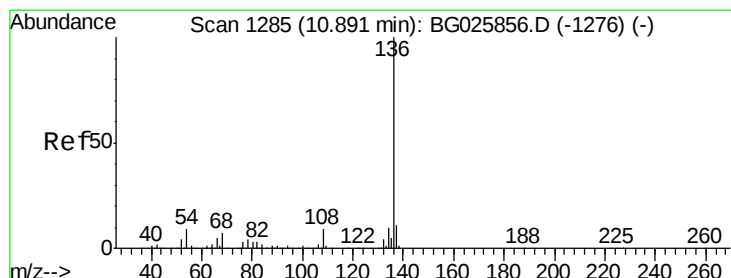
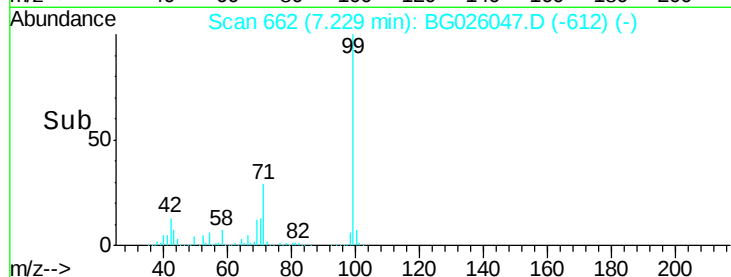
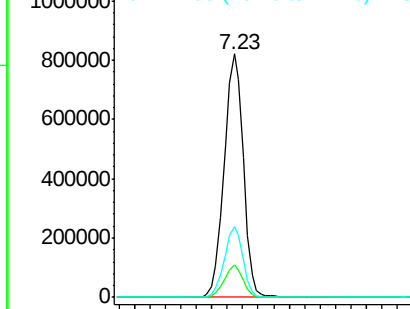
99 100

42 13.3 20.5 30.7#

71 29.3 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: BG026047.D

Acq: 3 Mar 2017 2:32

Tgt Ion: 136 Resp: 457758

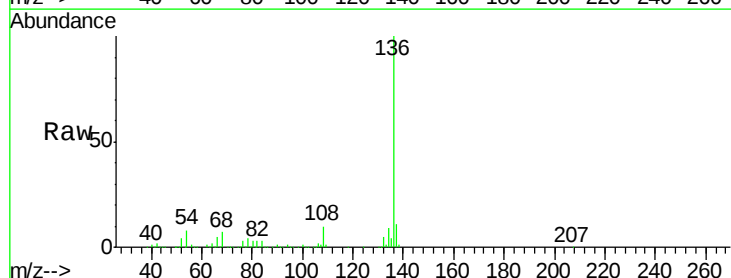
Ion Ratio Lower Upper

136 100

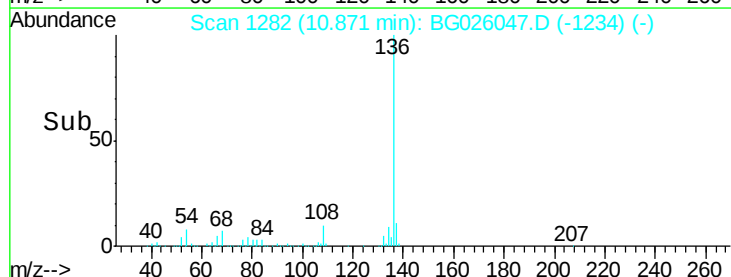
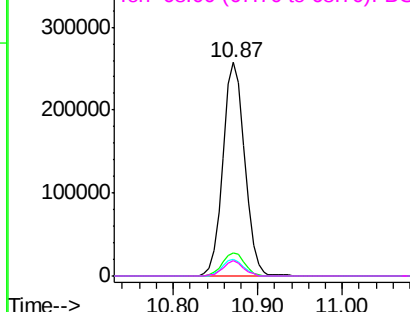
137 10.7 8.9 13.3

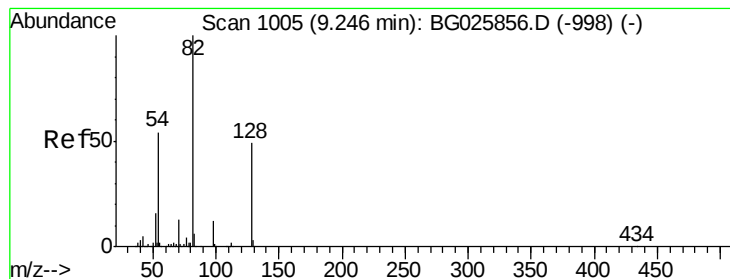
54 7.8 9.3 13.9#

68 7.0 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: 109.32 ng

RT: 9.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG026047.D

Acq: 3 Mar 2017 2:32

Instrument :

BNA_G

ClientSampleId :

18B-30

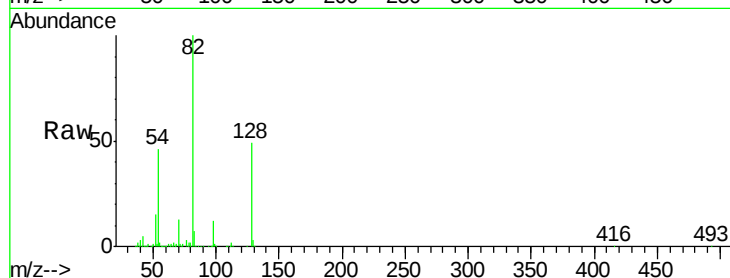
Tgt Ion: 82 Resp: 792938

Ion Ratio Lower Upper

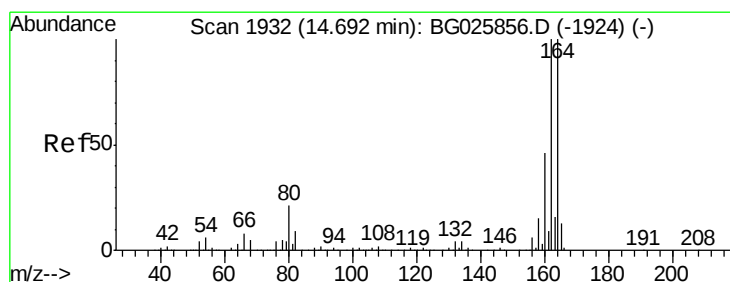
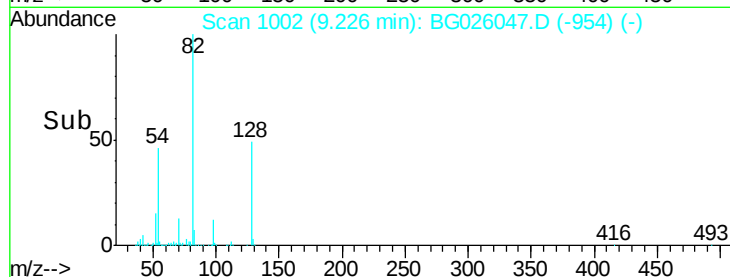
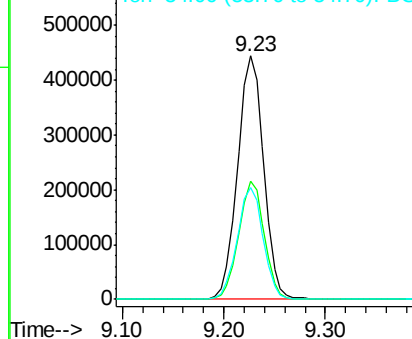
82 100

128 48.5 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: BG026047.D

Acq: 3 Mar 2017 2:32

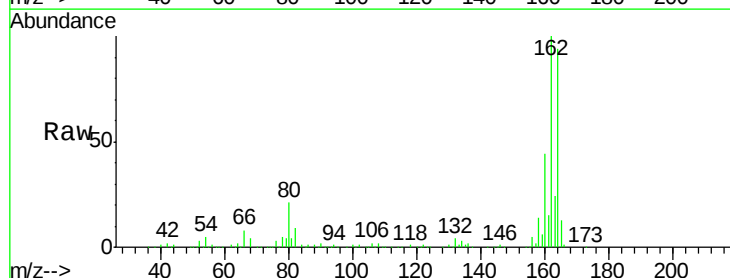
Tgt Ion: 164 Resp: 258165

Ion Ratio Lower Upper

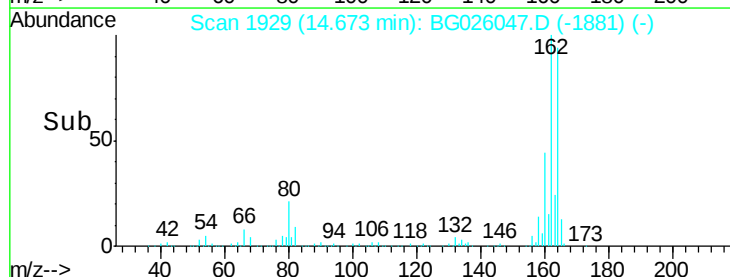
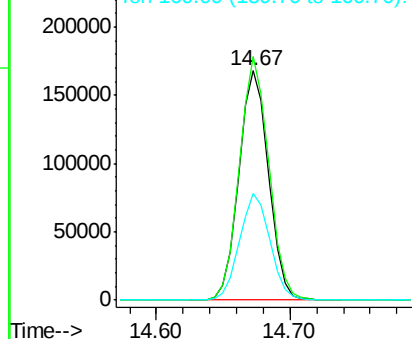
164 100

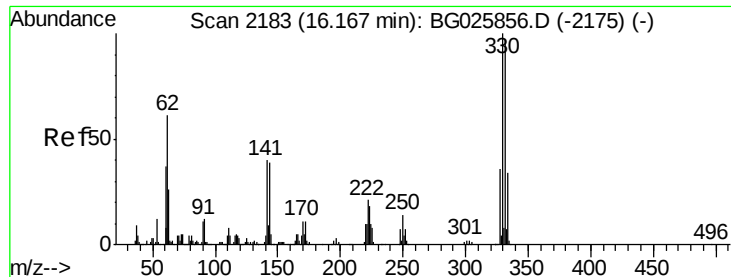
162 106.1 85.1 127.7

160 46.5 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: 194.67 ng

RT: 16.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG026047.D

Acq: 3 Mar 2017 2:32

Instrument :

BNA_G

ClientSampleId :

18B-30

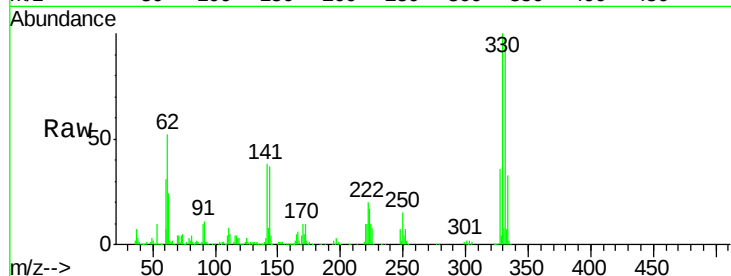
Tgt Ion:330 Resp: 464323

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

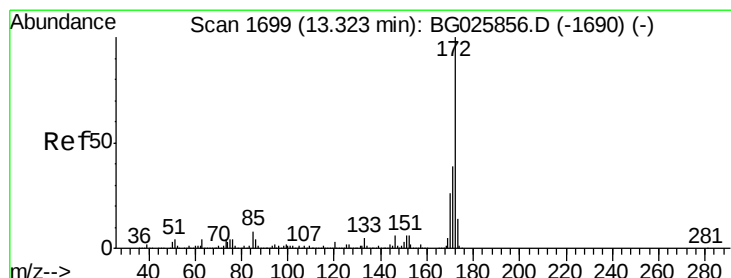
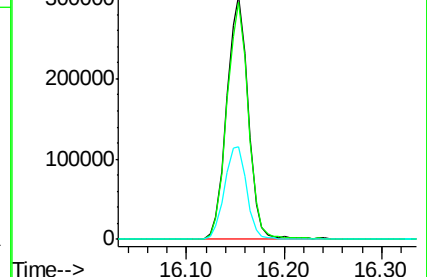
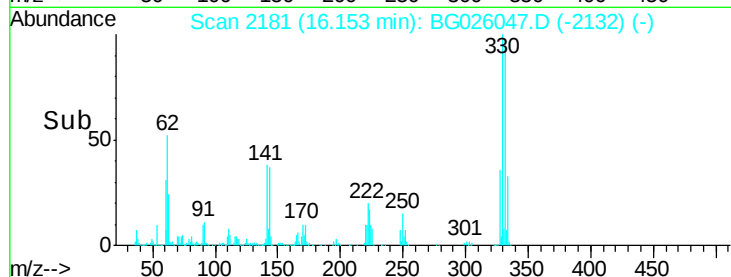
141 39.1 32.1 48.1



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: 124.21 ng

RT: 13.30 min Scan# 1696

Delta R.T. -0.02 min

Lab File: BG026047.D

Acq: 3 Mar 2017 2:32

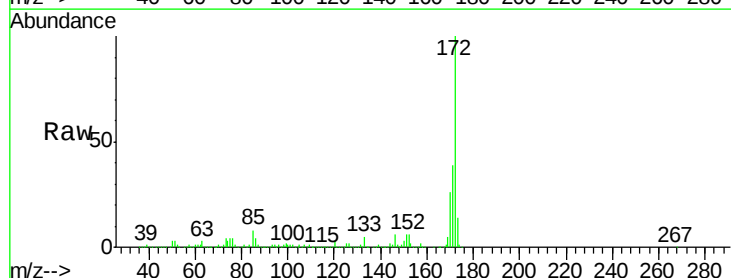
Tgt Ion:172 Resp: 1835205

Ion Ratio Lower Upper

172 100

171 38.6 32.2 48.2

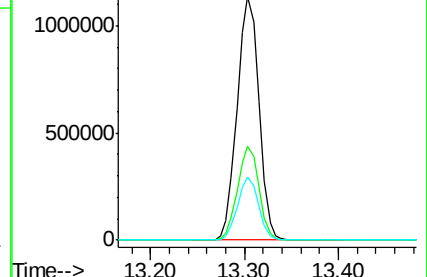
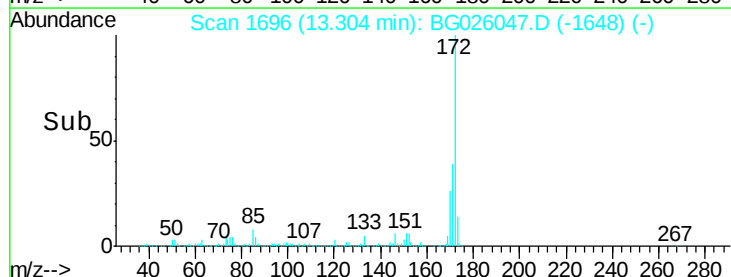
170 25.8 21.8 32.6

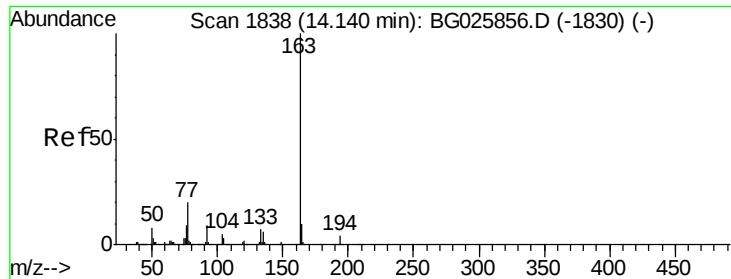


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 24.27 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026047.D

Acq: 3 Mar 2017 2:32

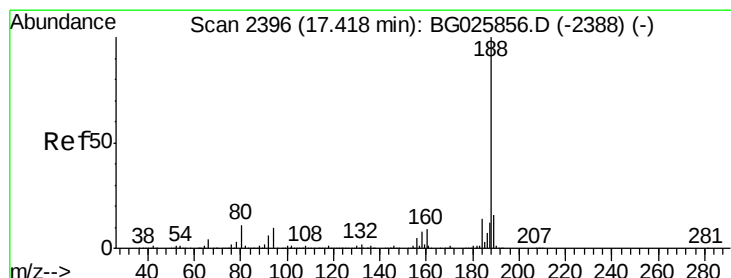
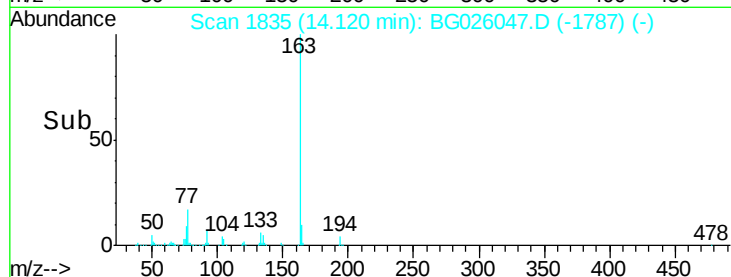
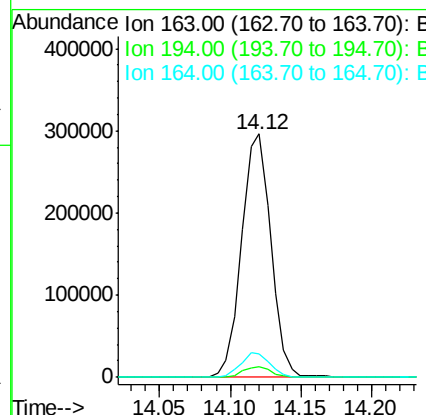
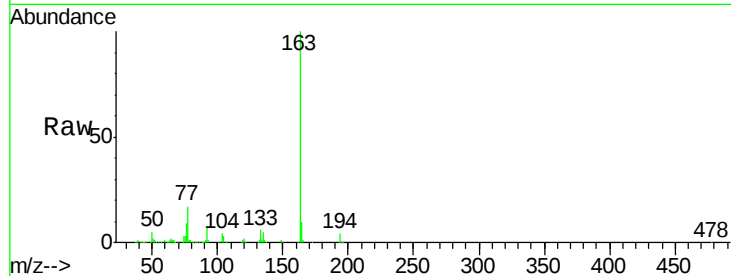
Instrument :

BNA_G

ClientSampleId :

18B-30

Tgt Ion:	163	Resp:	429827
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	9.6	9.3	13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

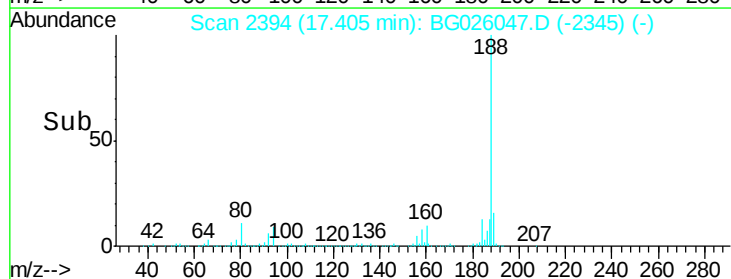
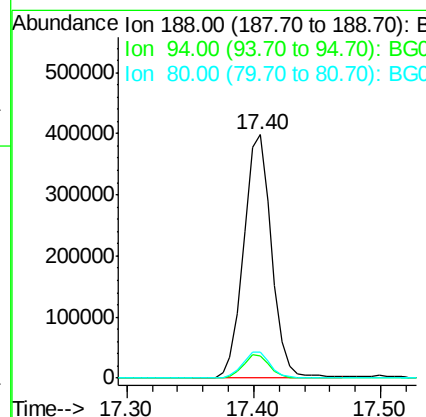
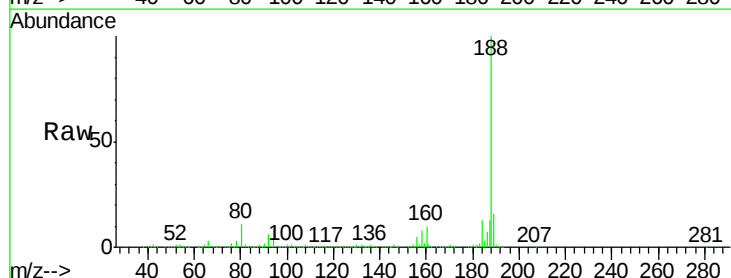
RT: 17.40 min Scan# 2394

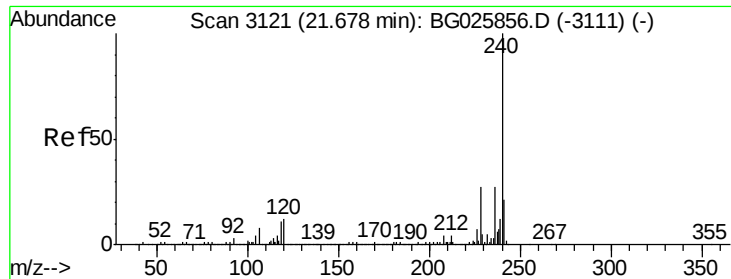
Delta R.T. -0.01 min

Lab File: BG026047.D

Acq: 3 Mar 2017 2:32

Tgt Ion:	188	Resp:	602864
Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.8	8.8#
80	10.8	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: BG026047.D

Acq: 3 Mar 2017 2:32

Instrument :

BNA_G

ClientSampleId :

18B-30

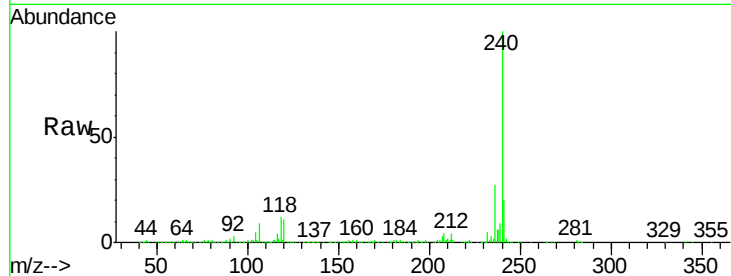
Tgt Ion:240 Resp: 562994

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

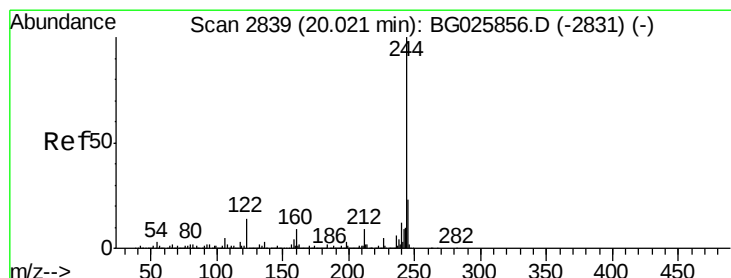
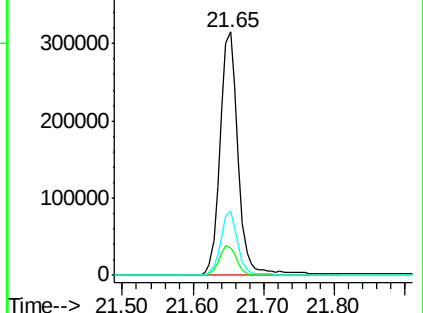
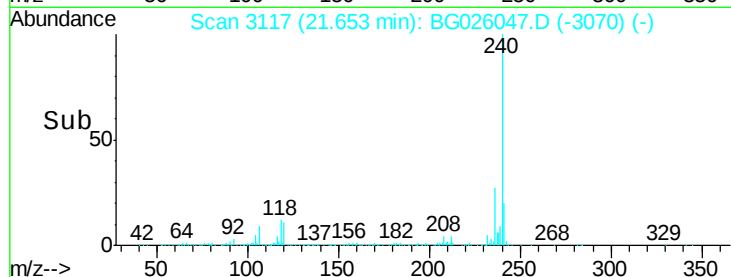
236 26.6 22.2 33.4



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: 96.39 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026047.D

Acq: 3 Mar 2017 2:32

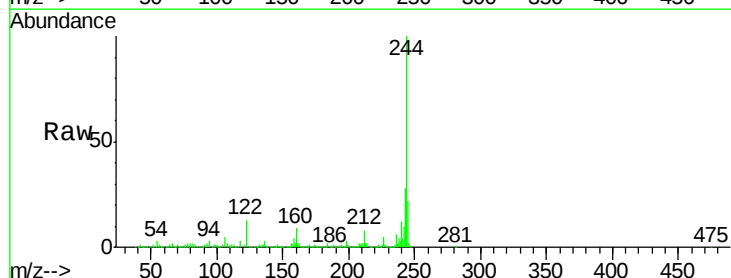
Tgt Ion:244 Resp: 2231182

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

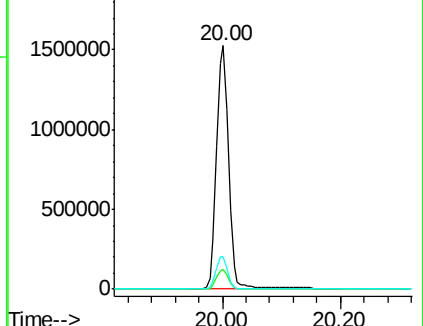
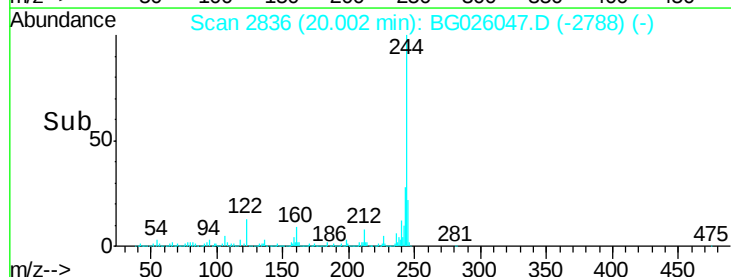
122 13.2 8.6 12.8#

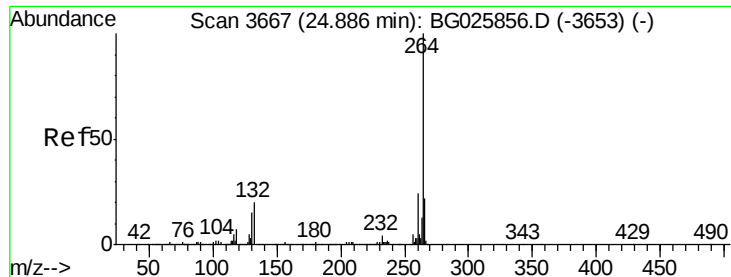


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

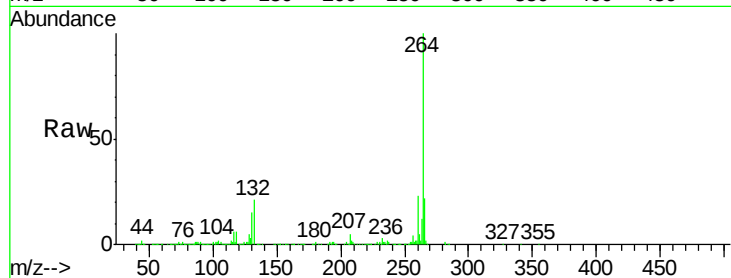




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3660
Delta R.T. -0.04 min
Lab File: BG026047.D
Acq: 3 Mar 2017 2:32

Instrument :
BNA_G
ClientSampleId :
18B-30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	21.8	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

