

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025982.D
 Acq On : 28 Feb 2017 3:04
 Operator : SJ/MA
 Sample : I1998-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-41-COMP

Quant Time: Feb 28 04:31:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

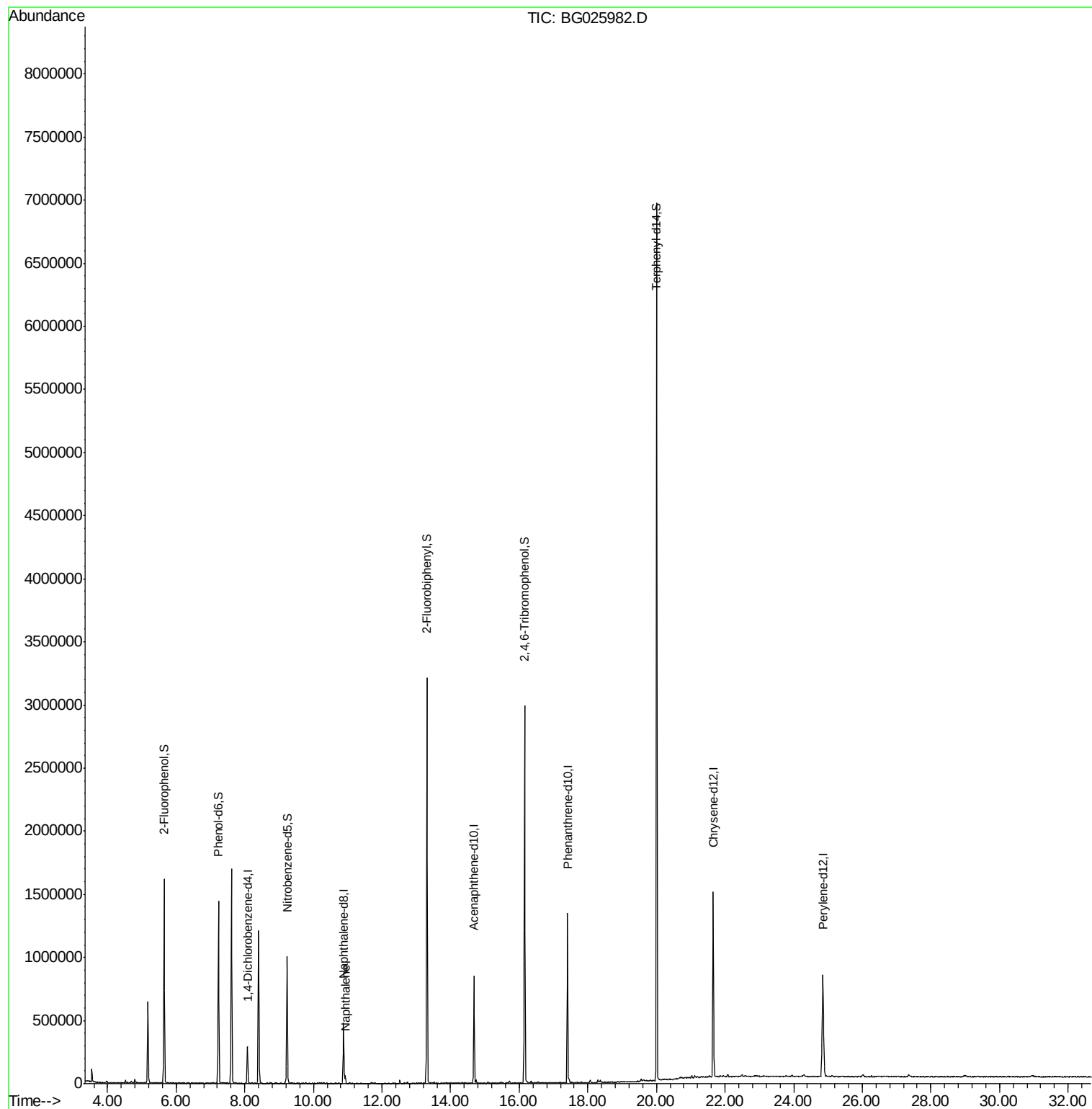
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	89349	20.00	ng	-0.02
21) Naphthalene-d8	10.88	136	416419	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	293396	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	835576	20.00	ng	0.00
75) Chrysene-d12	21.65	240	862964	20.00	ng	-0.03
86) Perylene-d12	24.85	264	838143	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	735799	143.37	ng	0.00
7) Phenol-d6	7.23	99	936311	123.29	ng	0.00
23) Nitrobenzene-d5	9.23	82	621193	94.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	572765	211.30	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1708705	101.76	ng	-0.02
78) Terphenyl-d14	20.01	244	2867957	80.83	ng	-0.02
Target Compounds						
31) Naphthalene	10.93	128	54839	2.55	ng	Qvalue 98

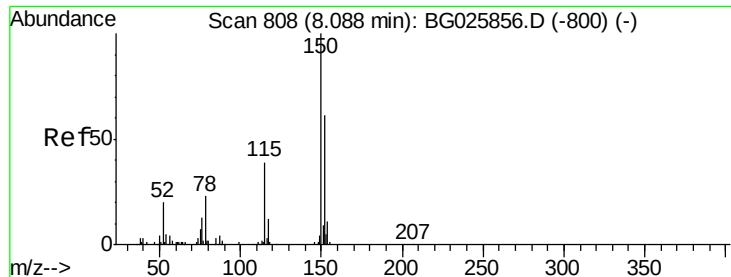
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

Lab File: BG025982.D

Acq: 28 Feb 2017 3:04

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

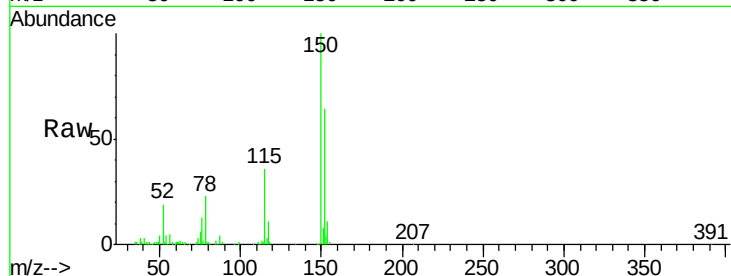
Tot Ion:152 Resp: 89349

Ion Ratio Lower Upper

152 100

150 156.5 114.0 171.0

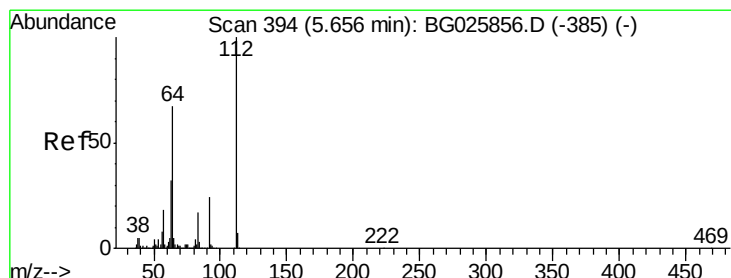
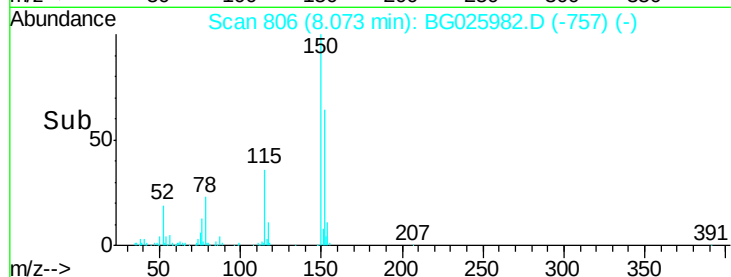
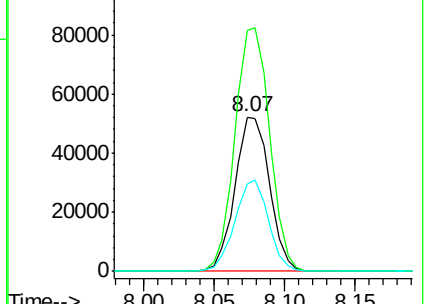
115 57.0 48.1 72.1



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: 143.37 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025982.D

Acq: 28 Feb 2017 3:04

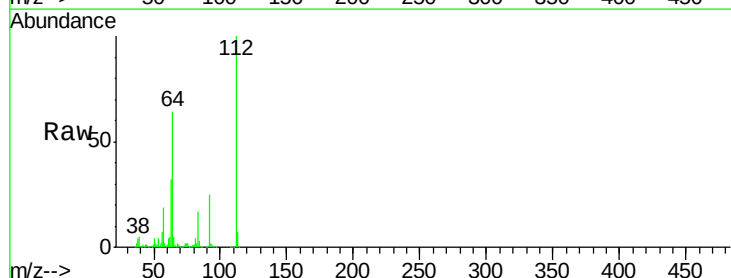
Tgt Ion:112 Resp: 735799

Ion Ratio Lower Upper

112 100

64 64.1 61.8 92.6

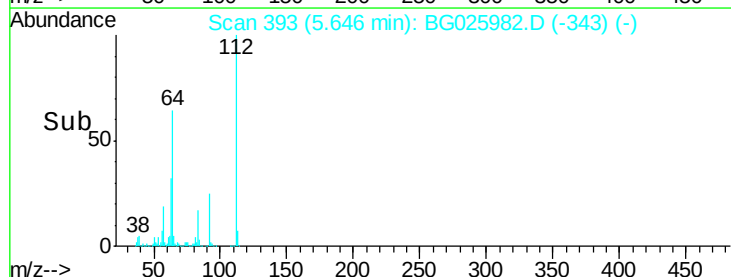
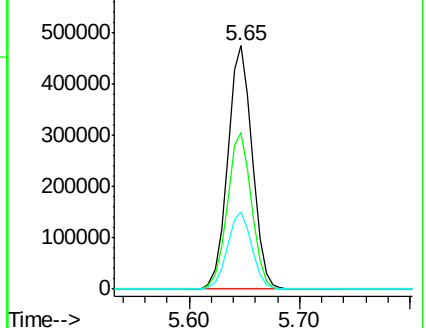
63 31.9 37.2 55.8#

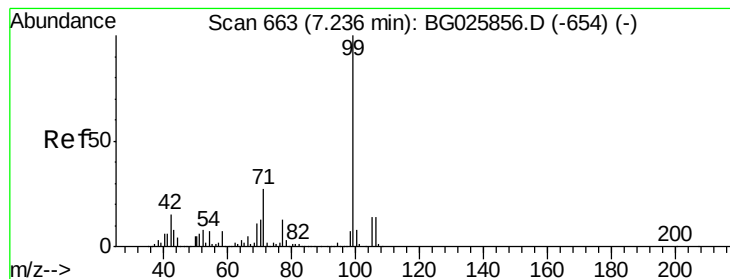


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.29 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025982.D

Acq: 28 Feb 2017 3:04

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

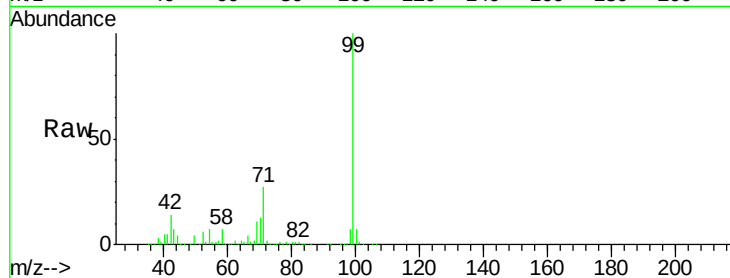
Tot Ion: 99 Resp: 936311

Ion Ratio Lower Upper

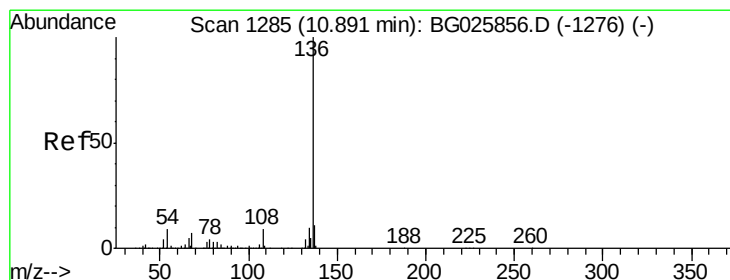
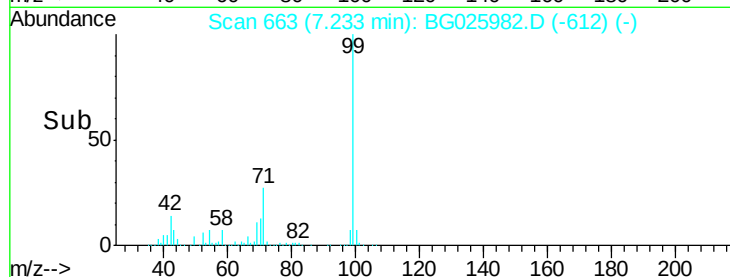
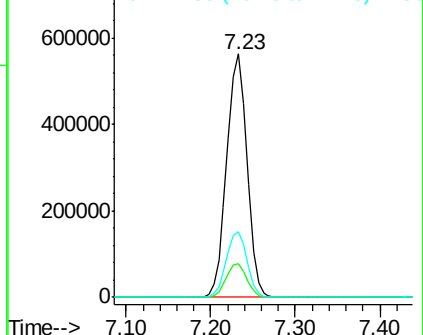
99 100

42 13.7 20.5 30.7#

71 27.1 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: 10.88 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BG025982.D

Acq: 28 Feb 2017 3:04

Tgt Ion: 136 Resp: 416419

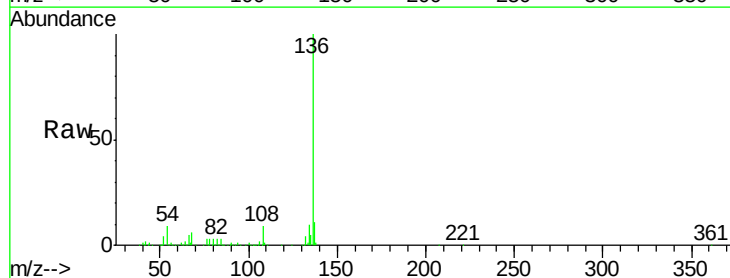
Ion Ratio Lower Upper

136 100

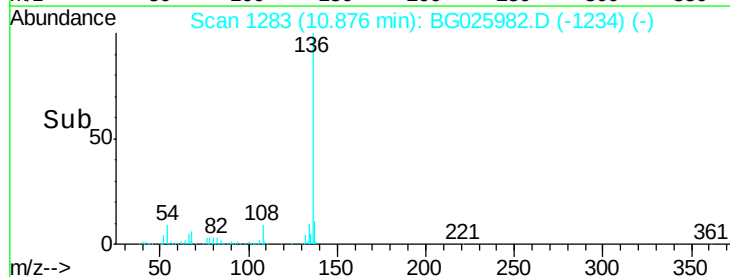
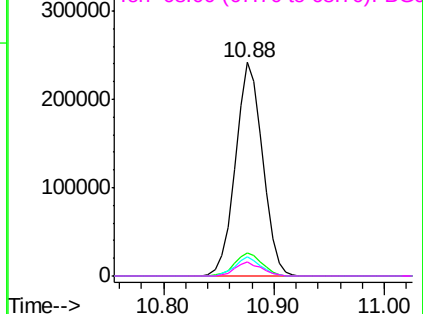
137 11.1 8.9 13.3

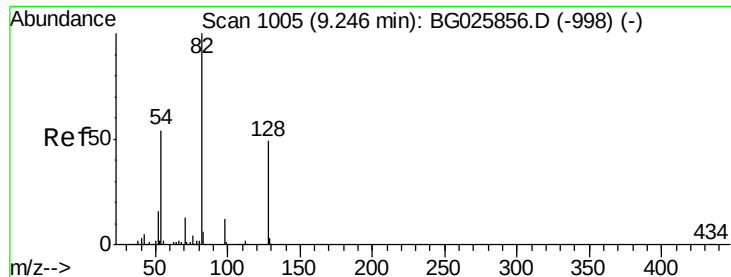
54 9.0 9.3 13.9#

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

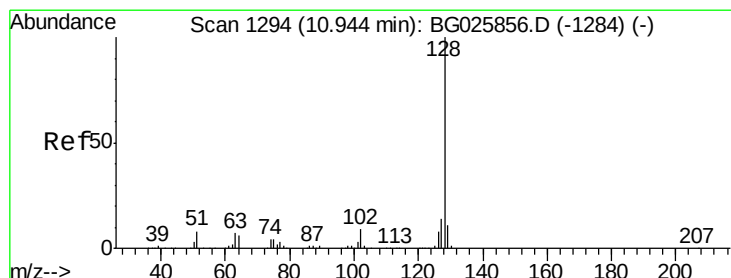
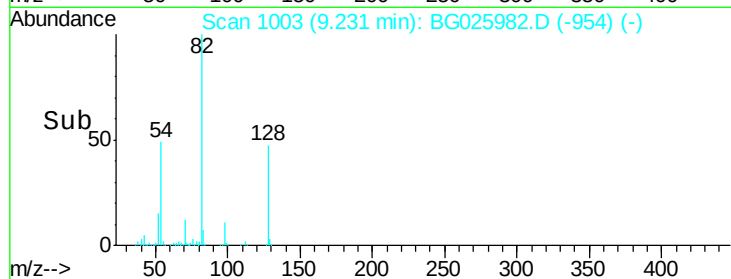
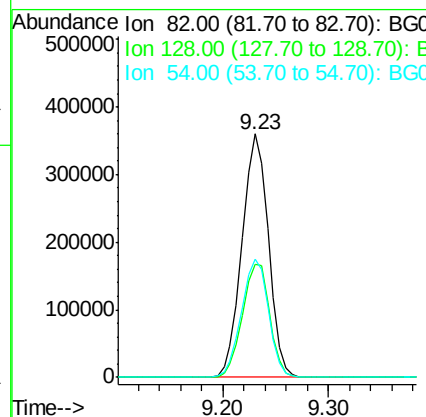
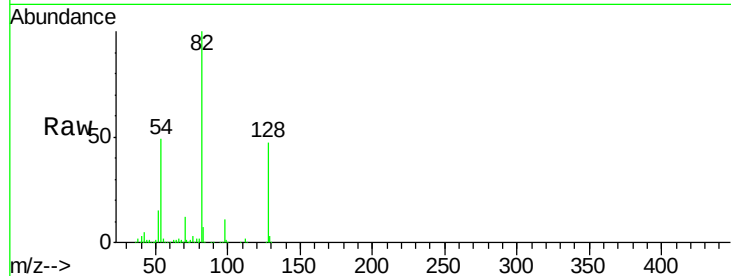




#23
Nitrobenzene-d5
Concen: 94.14 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG025982.D
Acq: 28 Feb 2017 3:04

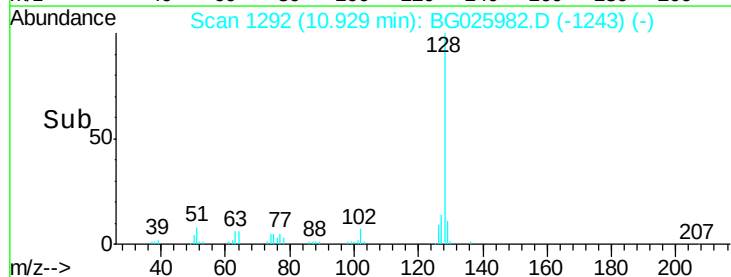
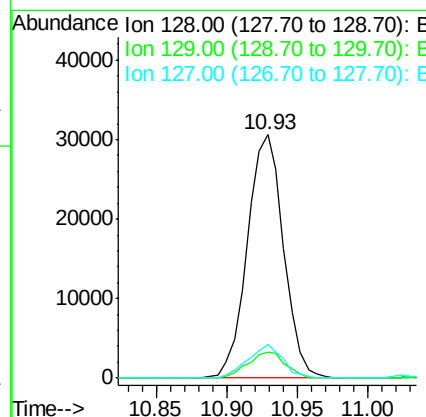
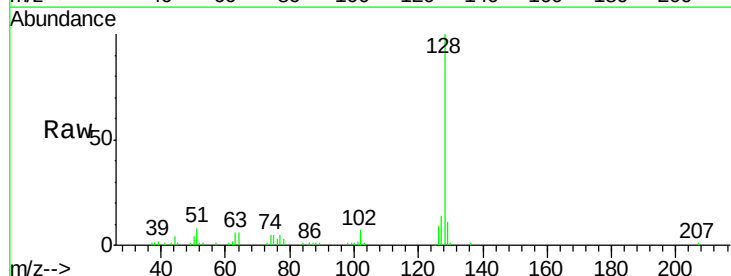
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-41-COMP

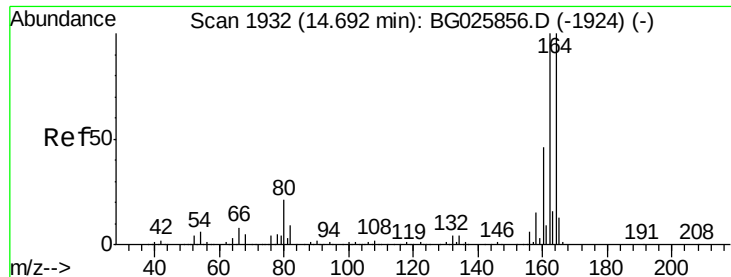
Tot Ion: 82 Resp: 621193
Ion Ratio Lower Upper
82 100
128 46.5 26.4 39.6#
54 48.6 49.4 74.2#



#31
Naphthalene
Concen: 2.55 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG025982.D
Acq: 28 Feb 2017 3:04

Tgt Ion: 128 Resp: 54839
Ion Ratio Lower Upper
128 100
129 10.6 9.3 13.9
127 13.9 11.4 17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG025982.D

Acq: 28 Feb 2017 3:04

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

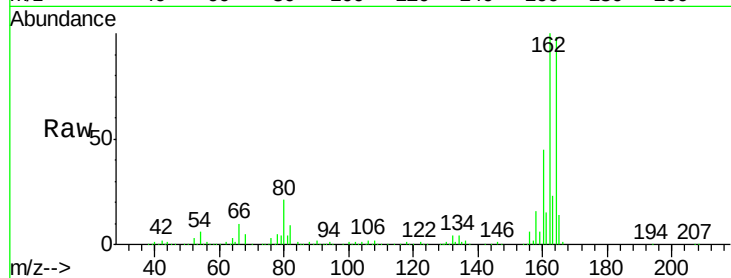
Tot Ion:164 Resp: 293396

Ion Ratio Lower Upper

164 100

162 101.8 85.1 127.7

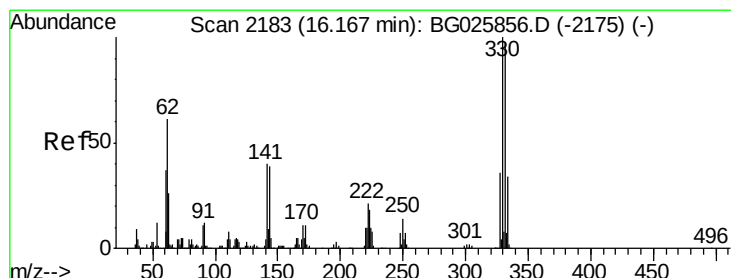
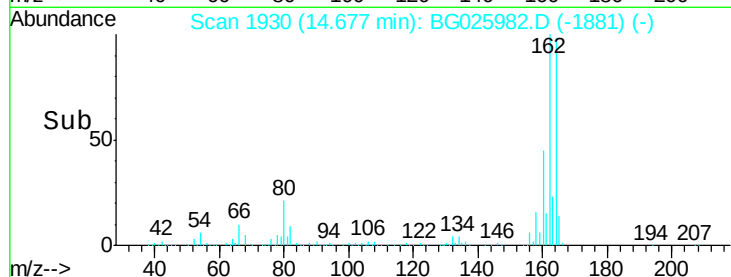
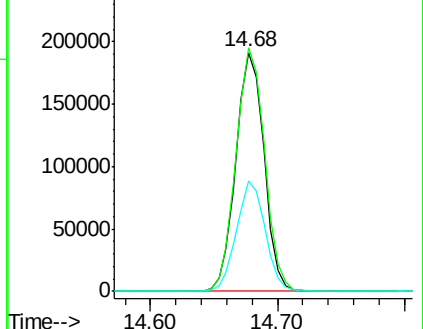
160 46.2 34.7 52.1



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: 211.30 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025982.D

Acq: 28 Feb 2017 3:04

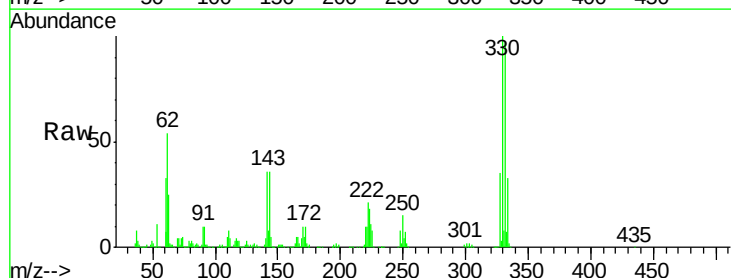
Tgt Ion:330 Resp: 572765

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

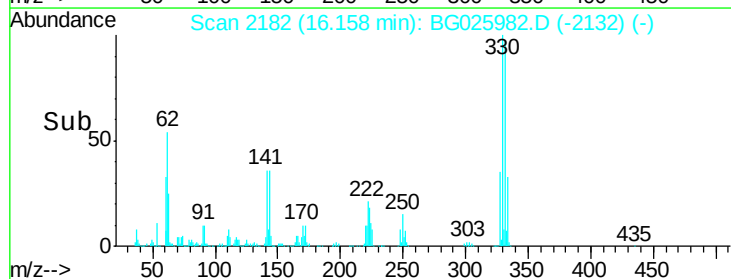
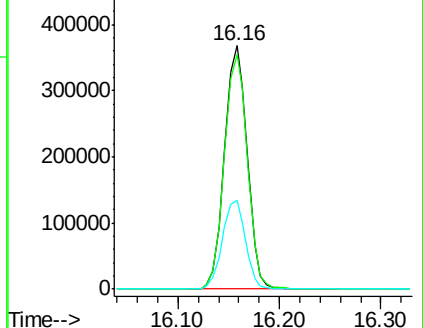
141 37.3 32.1 48.1

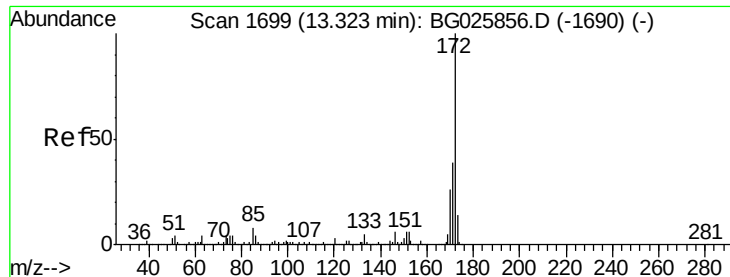


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

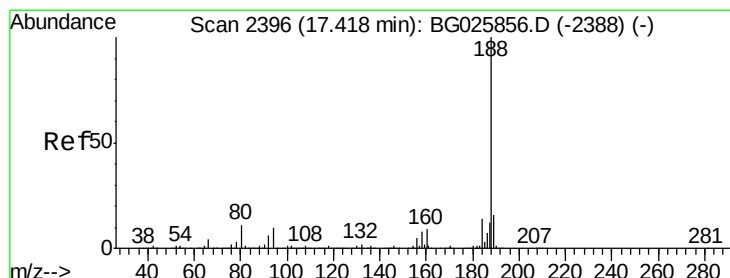
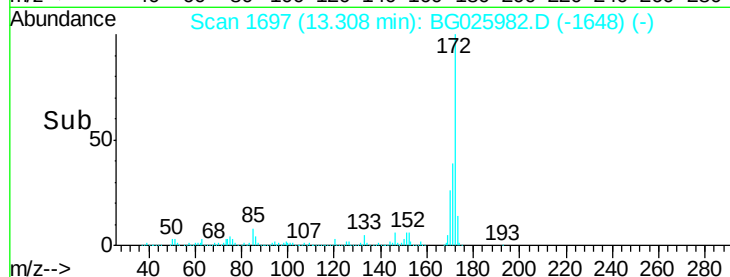
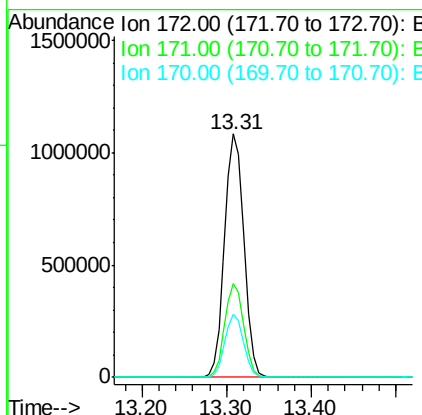
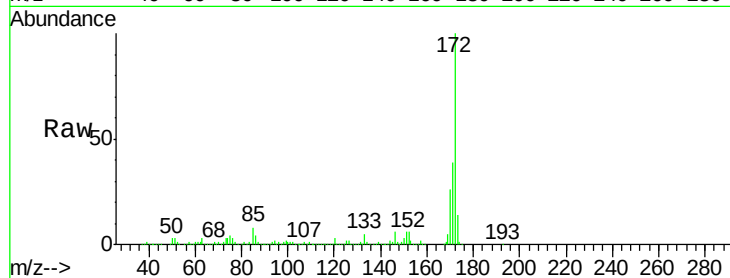




#44
2-Fluorobiphenyl
Concen: 101.76 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG025982.D
Acq: 28 Feb 2017 3:04

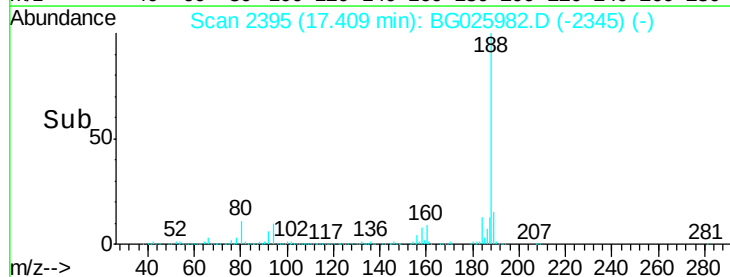
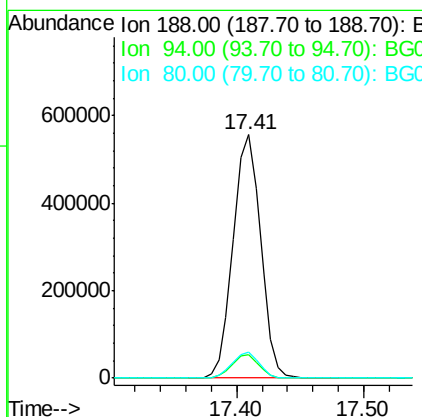
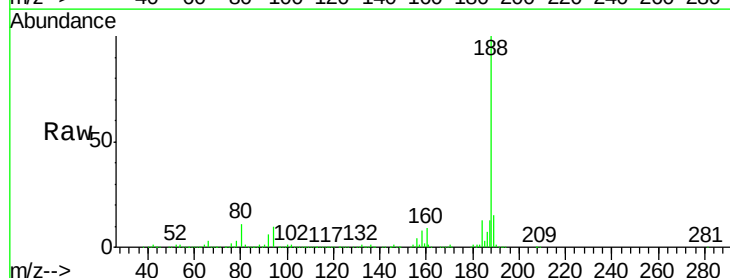
Instrument :
BNA_G
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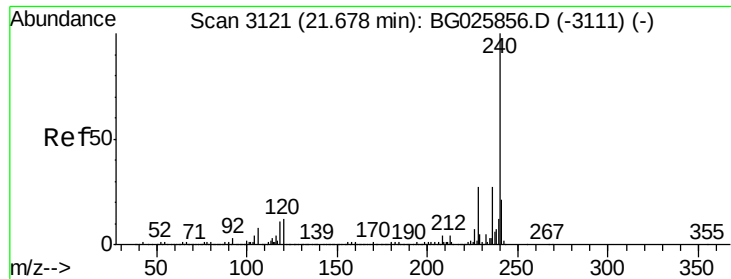
Tot Ion:172 Resp: 1708705
Ion Ratio Lower Upper
172 100
171 38.5 32.2 48.2
170 25.7 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025982.D
Acq: 28 Feb 2017 3:04

Tgt Ion:188 Resp: 835576
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.8#
80 10.6 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: BG025982.D

Acq: 28 Feb 2017 3:04

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

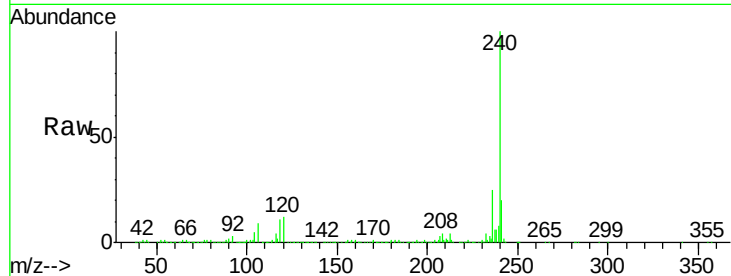
Tot Ion:240 Resp: 862964

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

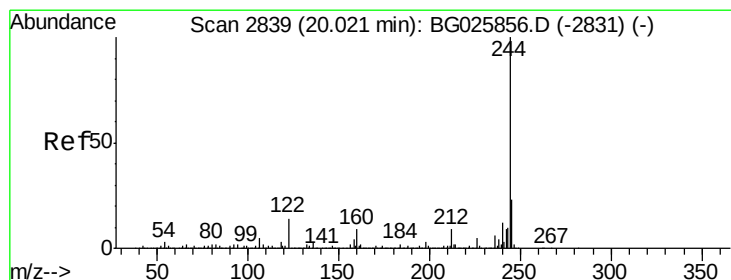
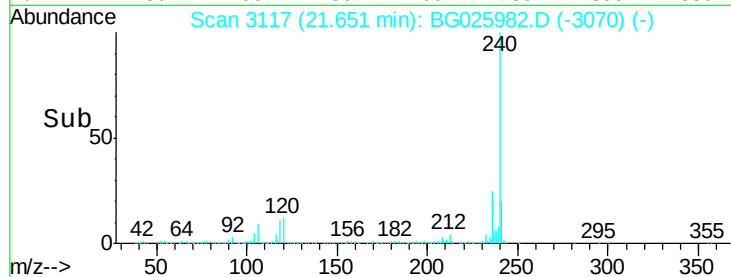
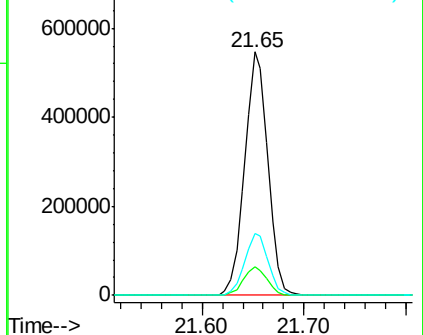
236 25.3 22.2 33.4



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: 80.83 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG025982.D

Acq: 28 Feb 2017 3:04

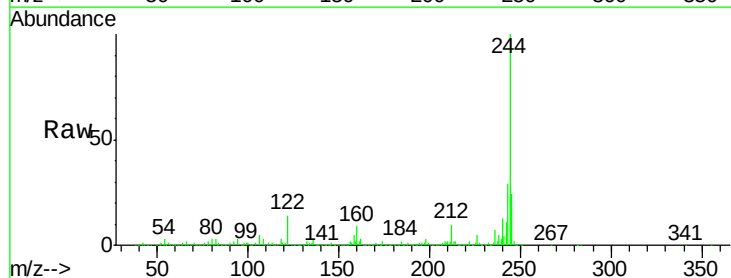
Tgt Ion:244 Resp: 2867957

Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

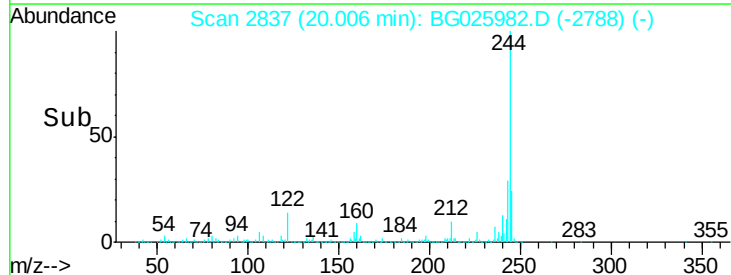
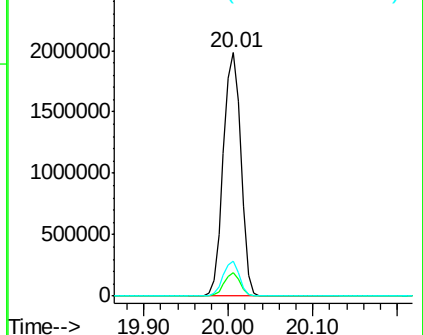
122 14.1 8.6 12.8#

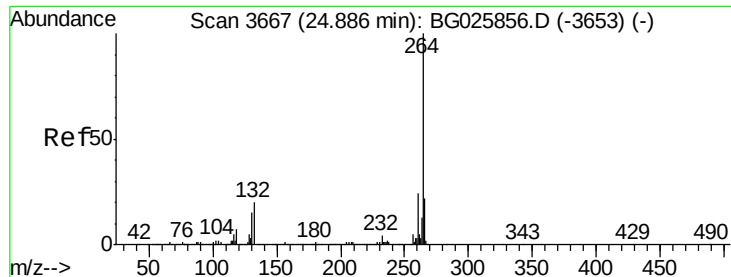


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

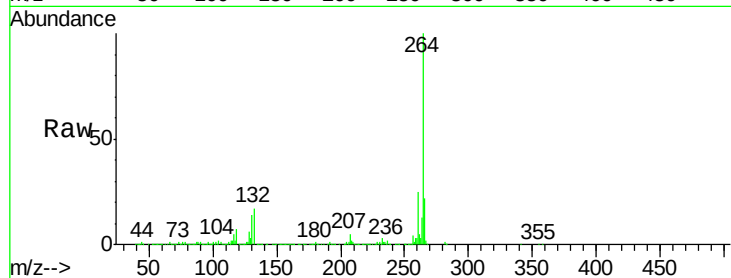




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG025982.D
Acq: 28 Feb 2017 3:04

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-41-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	21.7	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

