

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG026016.D
 Acq On : 1 Mar 2017 8:42
 Operator : SJ/MA
 Sample : I2012-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-10

Quant Time: Mar 01 12:06:34 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

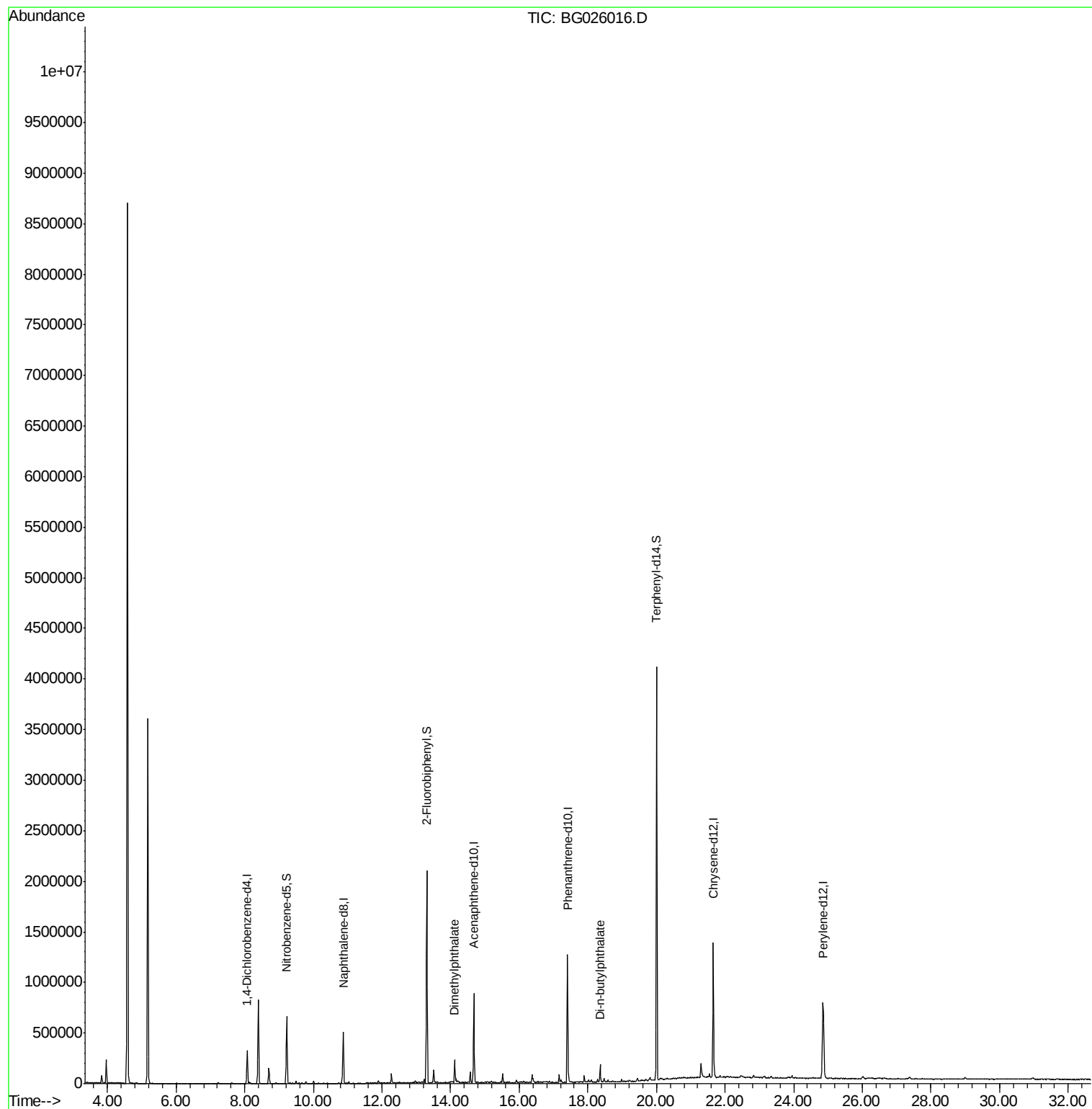
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	98115	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	446043	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	302442	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	786992	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	801805	20.00	ng	-0.02
86) Perylene-d12	24.86	264	772175	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.22	99	6591	0.79	ng	-0.02
23) Nitrobenzene-d5	9.22	82	406997	57.58	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.30	172	1118952	64.65	ng	-0.02
78) Terphenyl-d14	20.00	244	1676031	50.84	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	152403	7.34	ng	Qvalue 96
73) Di-n-butylphthalate	18.36	149	124740	2.90	ng	# 91

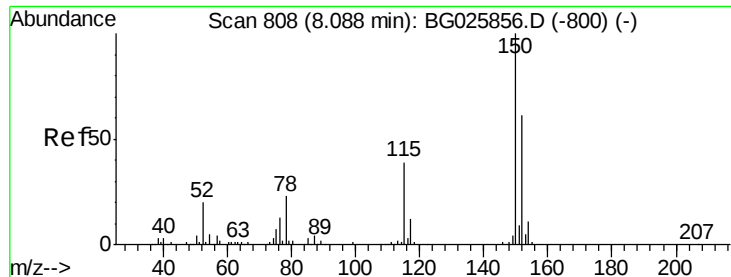
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026016.D

Acq: 1 Mar 2017 8:42

Instrument :

BNA_G

ClientSampleId :

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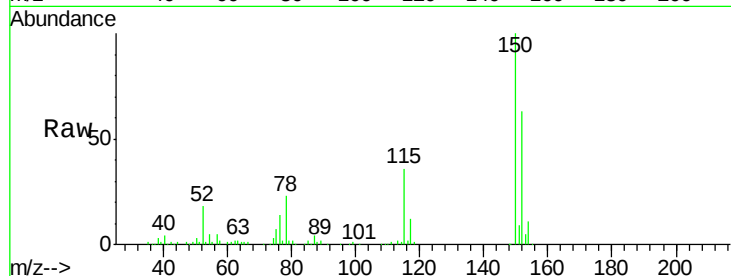
Tgt Ion:152 Resp: 98115

Ion Ratio Lower Upper

152 100

150 157.8 114.0 171.0

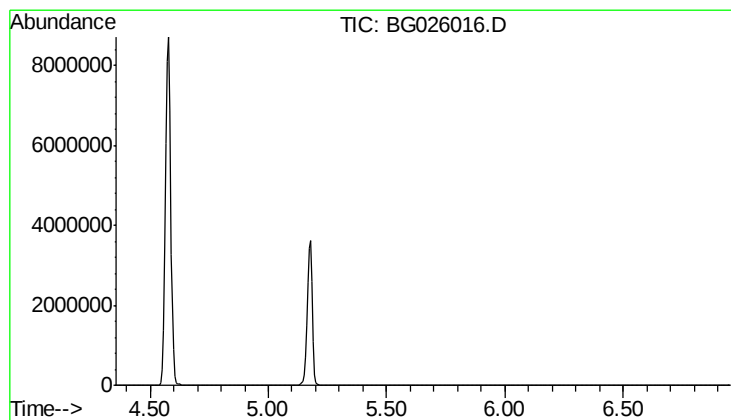
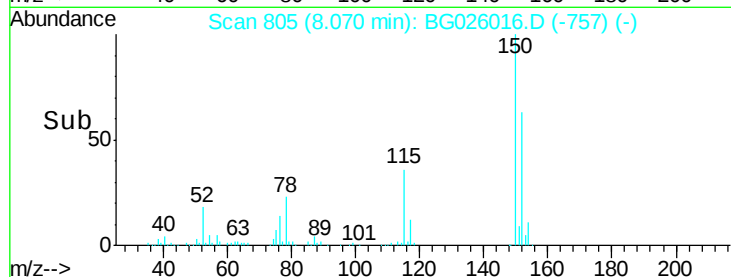
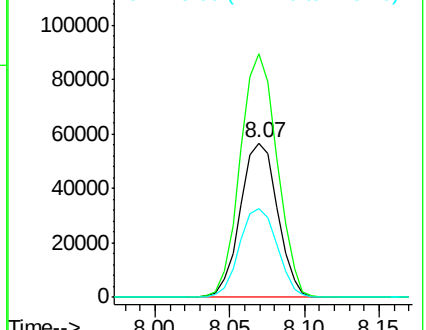
115 57.5 48.1 72.1



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: 0.00 ng

Expected RT: 5.66 min

Lab File: BG026016.D

Acq: 1 Mar 2017 8:42

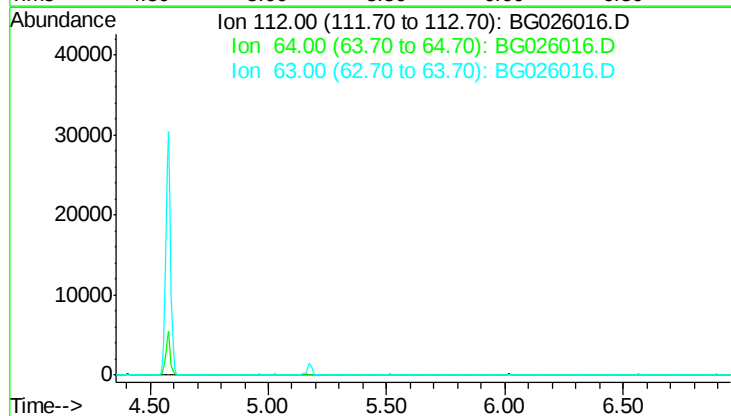
Tgt Ion: 112

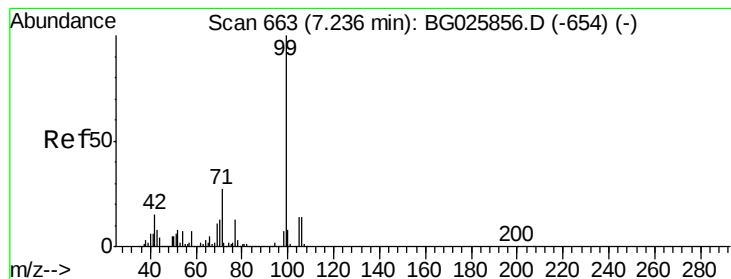
Sig Exp Ratio

112 100

64 77.2

63 46.5





#7

Phenol-d6

Concen: 0.79 ng

RT: 7.22 min Scan# 660

Delta R.T. -0.02 min

Lab File: BG026016.D

Acq: 1 Mar 2017 8:42

Instrument :

BNA_G

ClientSampleId :

P-10

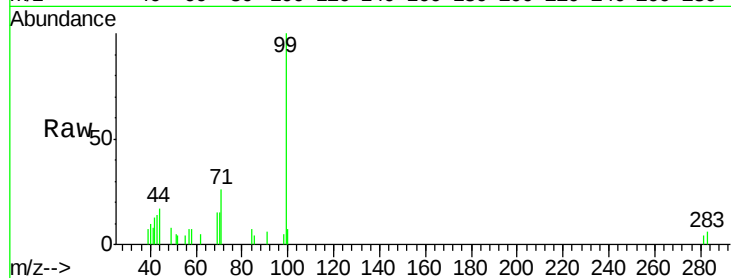
Tgt Ion: 99 Resp: 6591

Ion Ratio Lower Upper

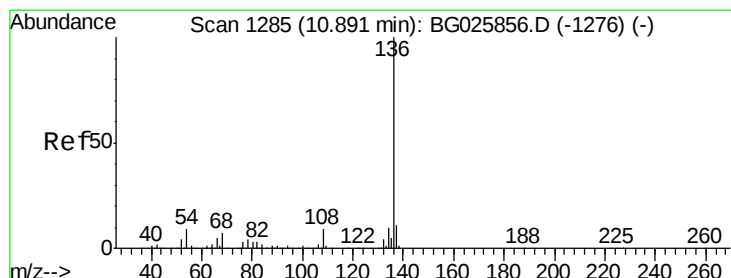
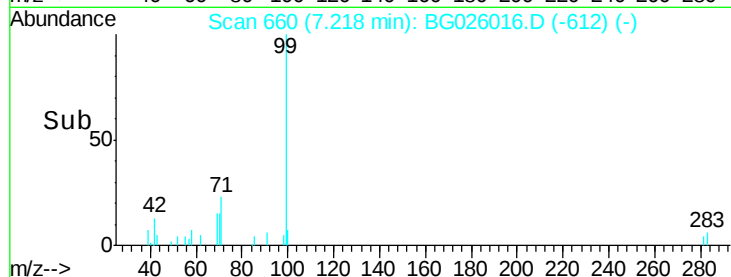
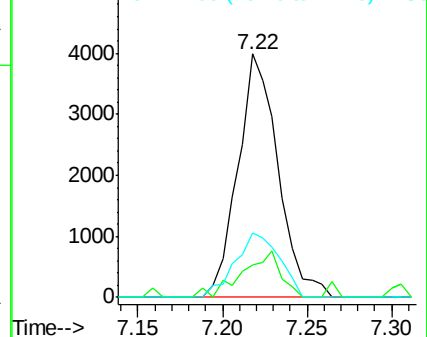
99 100

42 13.4 20.5 30.7#

71 26.4 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: BG026016.D

Acq: 1 Mar 2017 8:42

Tgt Ion: 136 Resp: 446043

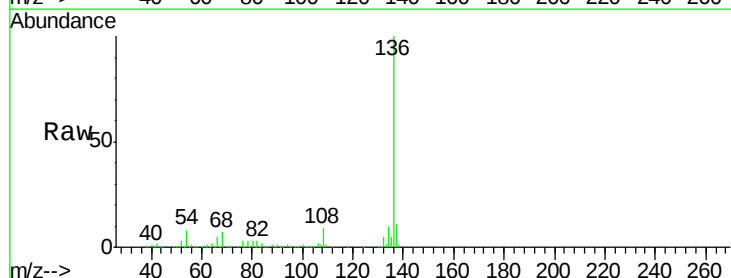
Ion Ratio Lower Upper

136 100

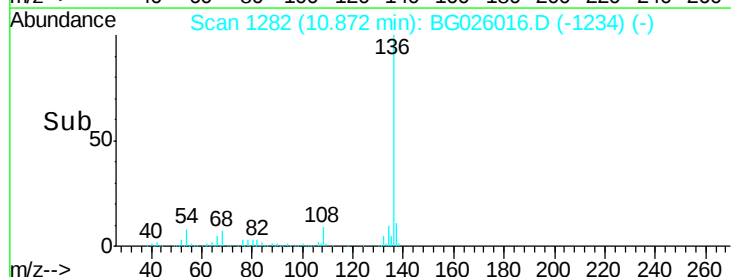
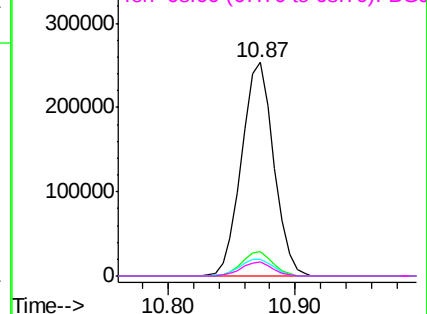
137 11.2 8.9 13.3

54 7.8 9.3 13.9#

68 6.6 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

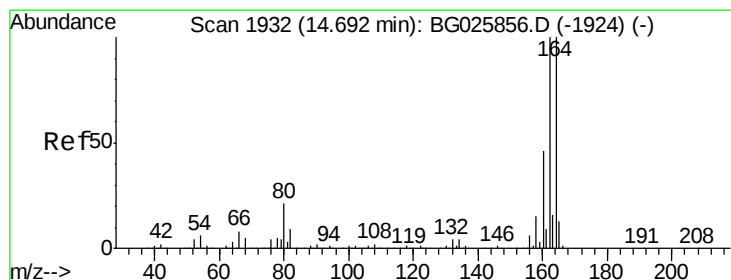
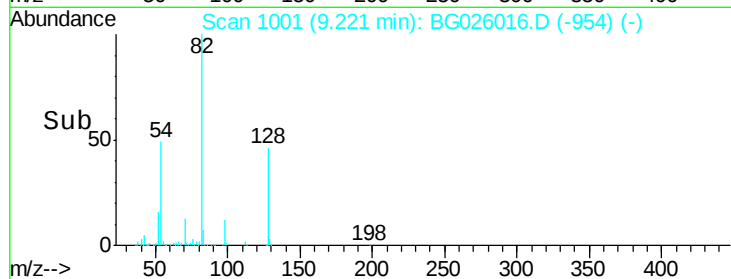
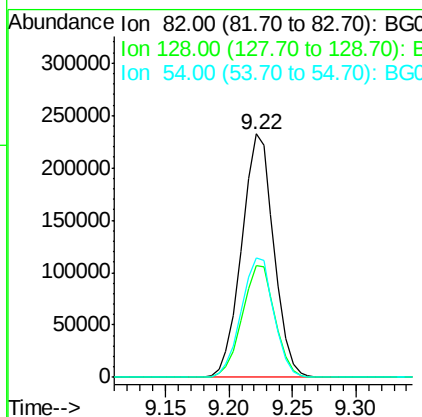
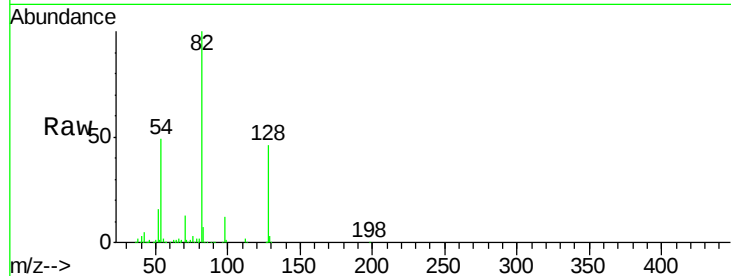




#23
 Nitrobenzene-d5
 Concen: 57.58 ng
 RT: 9.22 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG026016.D
 Acq: 1 Mar 2017 8:42

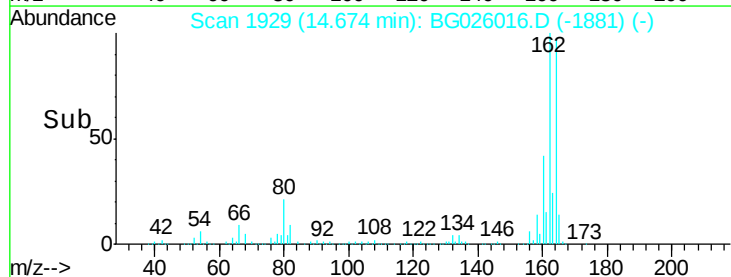
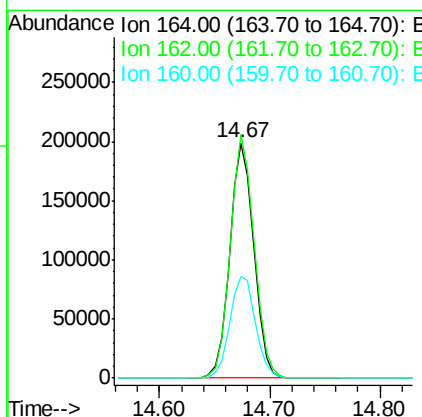
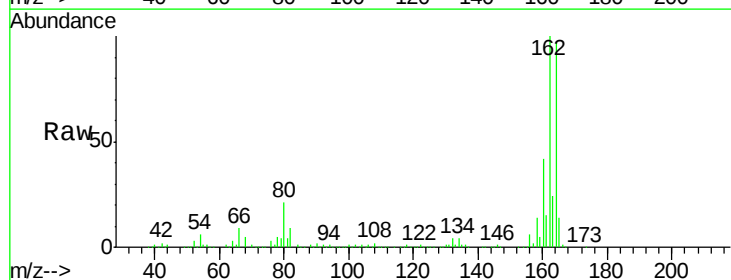
Instrument :
 BNA_G
 ClientSampleId :
 P-10

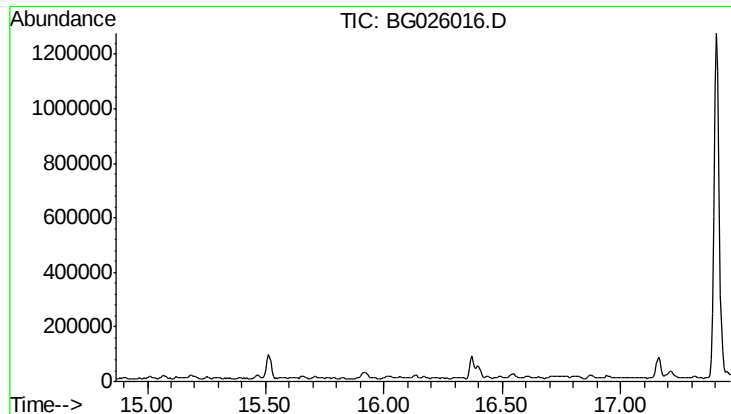
Tgt Ion: 82 Resp: 406997
 Ion Ratio Lower Upper
 82 100
 128 46.1 26.4 39.6#
 54 48.9 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026016.D
 Acq: 1 Mar 2017 8:42

Tgt Ion: 164 Resp: 302442
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.1 127.7
 160 43.4 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.17 min

Lab File: BG026016.D

Acq: 1 Mar 2017 8:42

Instrument :

BNA_G

ClientSampleId :

P-10

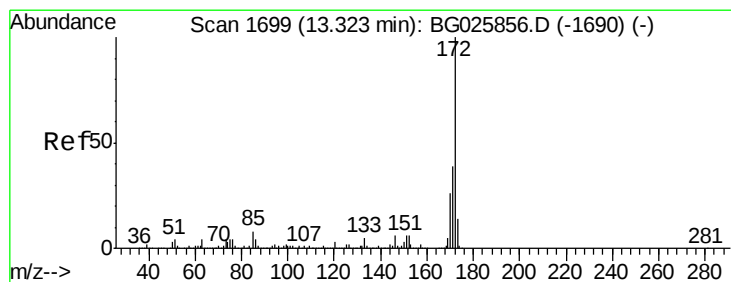
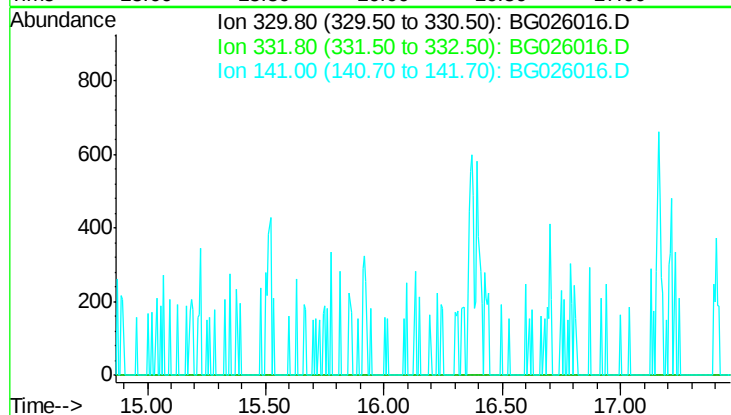
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.6

141 40.1



#44

2-Fluorobiphenyl

Concen: 64.65 ng

RT: 13.30 min Scan# 1696

Delta R.T. -0.02 min

Lab File: BG026016.D

Acq: 1 Mar 2017 8:42

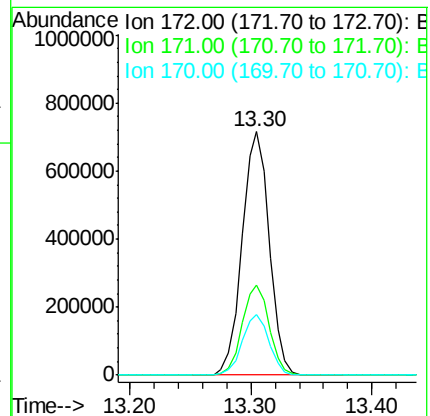
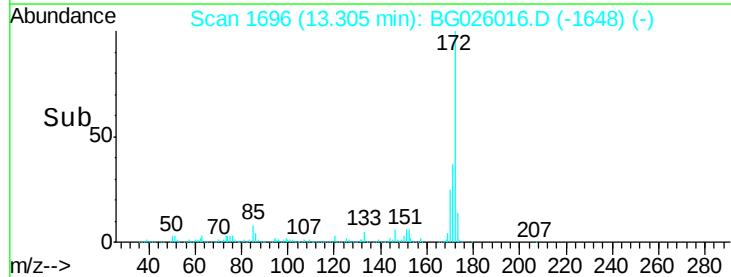
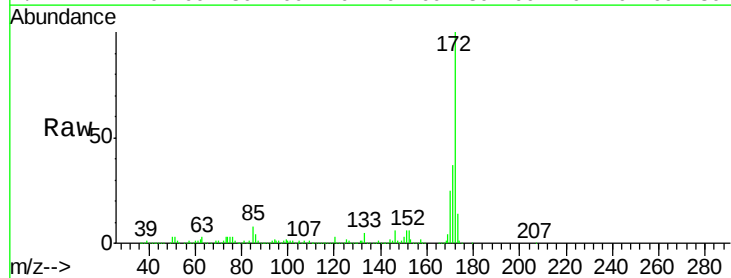
Tgt Ion:172 Resp: 1118952

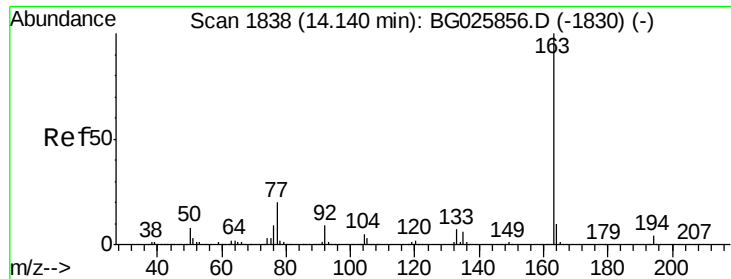
Ion Ratio Lower Upper

172 100

171 37.0 32.2 48.2

170 24.9 21.8 32.6





#49

Dimethylphthalate

Concen: 7.34 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026016.D

Acq: 1 Mar 2017 8:42

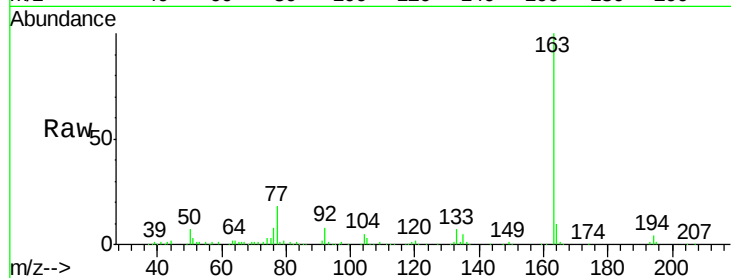
Instrument :

BNA_G

ClientSampled :

P-10

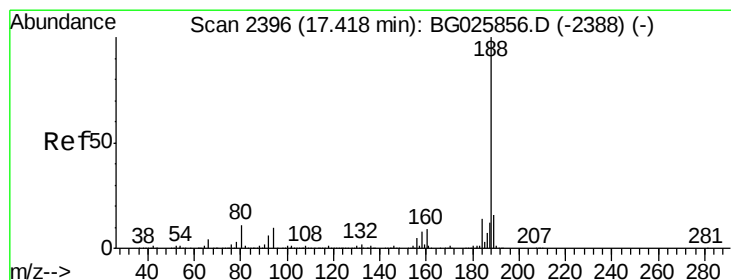
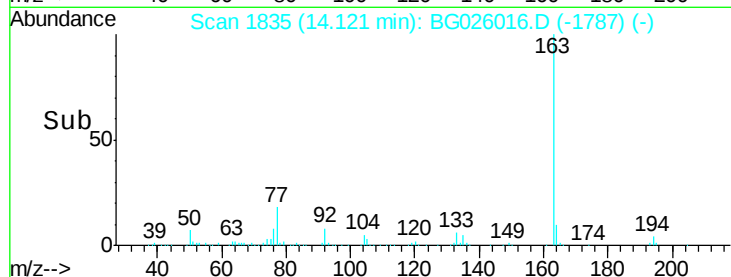
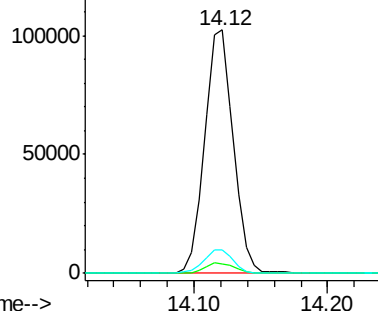
Tgt Ion:	163	Resp:	152403
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.8	5.6
164	9.8	9.3	13.9



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

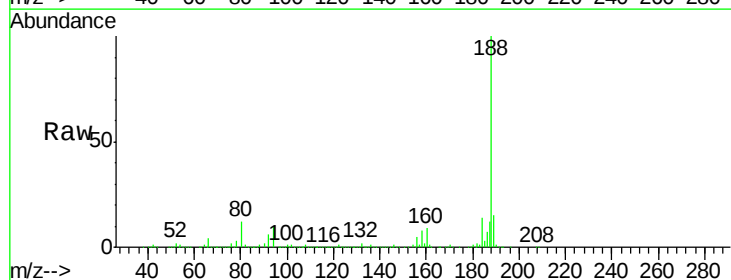
RT: 17.41 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026016.D

Acq: 1 Mar 2017 8:42

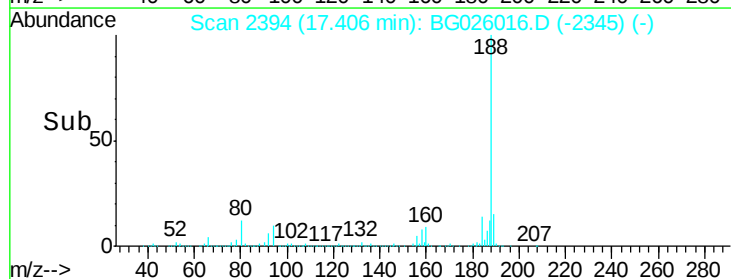
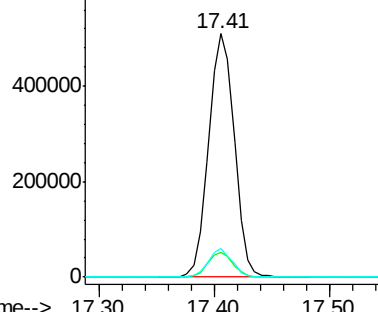
Tgt Ion:	188	Resp:	786992
Ion Ratio	Lower	Upper	
188	100		
94	10.1	5.8	8.8#
80	11.5	7.5	11.3#

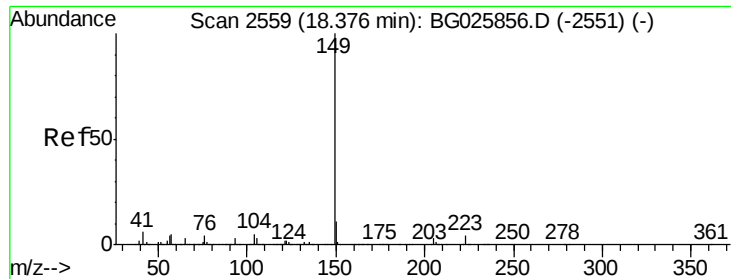


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

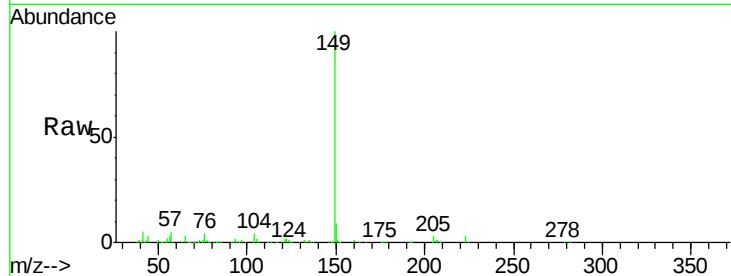




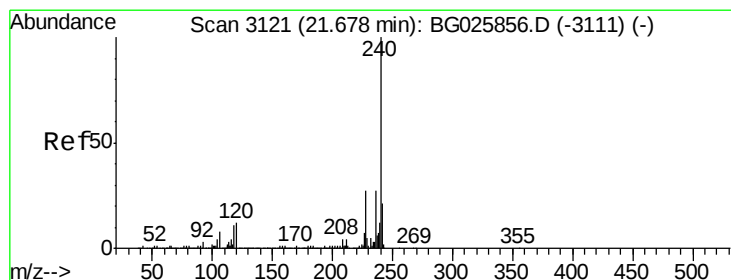
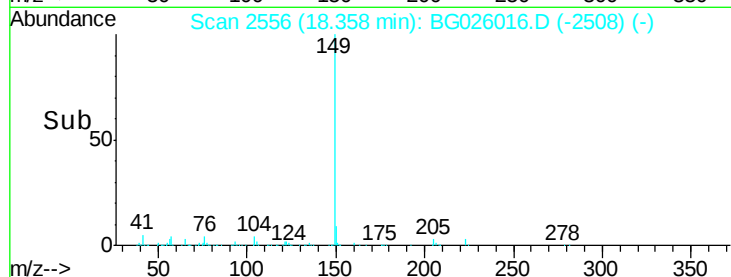
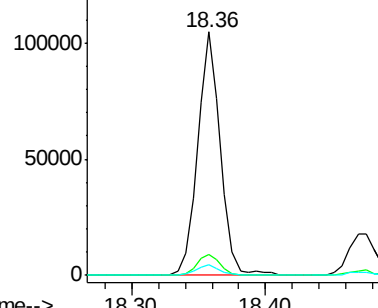
#73
Di-n-butylphthalate
Concen: 2.90 ng
RT: 18.36 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BG026016.D
Acq: 1 Mar 2017 8:42

Instrument :
BNA_G
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	9.1	13.7#
104	4.5	6.7	10.1#

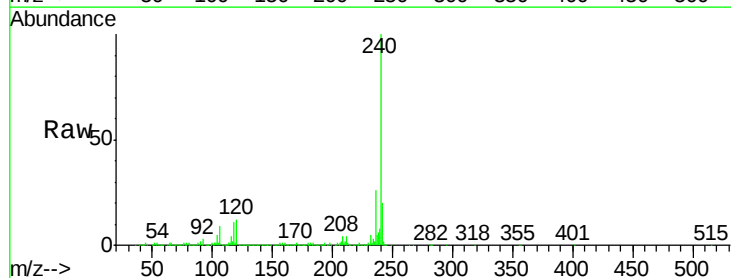


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

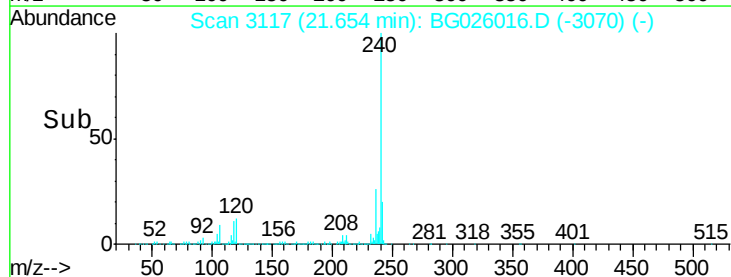
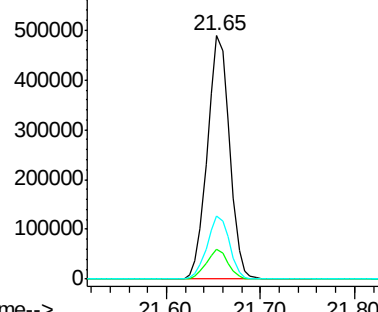


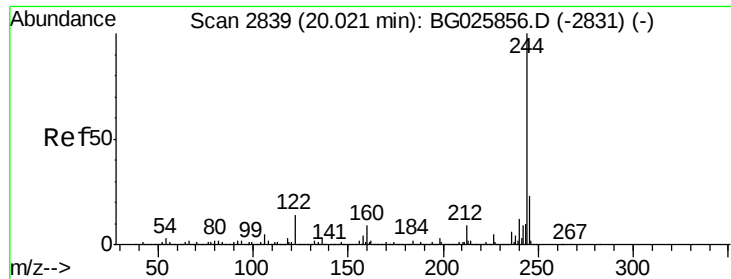
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BG026016.D
Acq: 1 Mar 2017 8:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.7	8.5#
236	26.1	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: 50.84 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026016.D

Acq: 1 Mar 2017 8:42

Instrument :

BNA_G

ClientSampleId :

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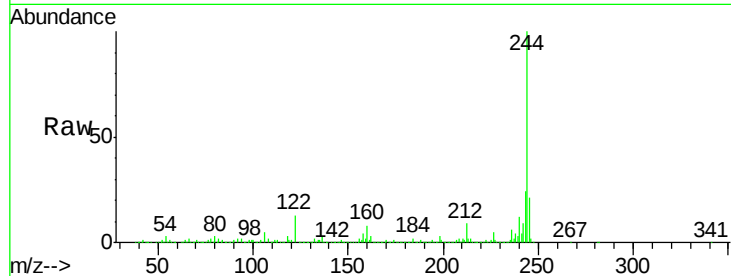
Tgt Ion:244 Resp: 1676031

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

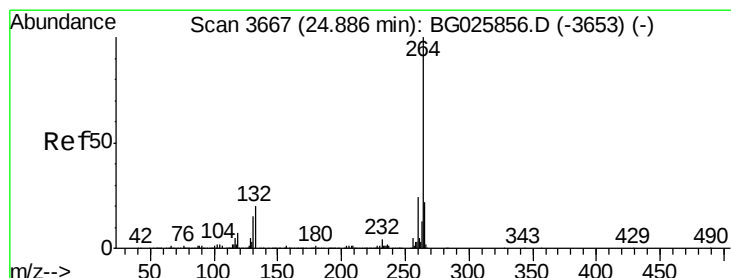
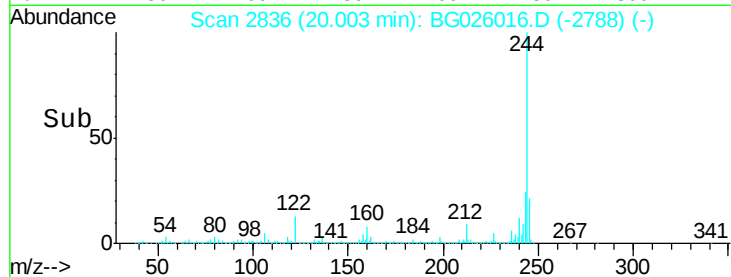
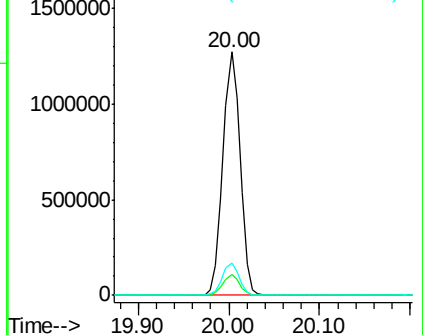
122 13.1 8.6 12.8#



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: 24.86 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026016.D

Acq: 1 Mar 2017 8:42

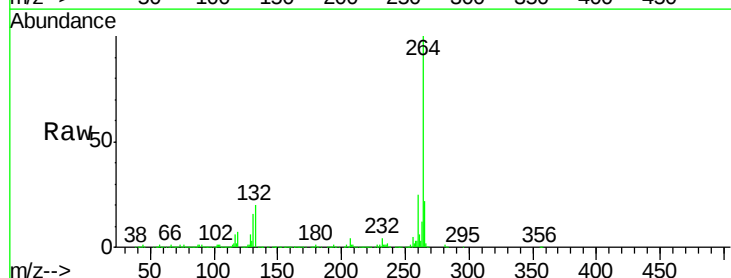
Tgt Ion:264 Resp: 772175

Ion Ratio Lower Upper

264 100

260 25.2 21.8 32.8

265 21.5 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

