

Data File : BG026005.D
Acq On : 28 Feb 2017 20:18
Operator : SJ/MA
Sample : I2006-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CPS043051

Quant Time: Mar 01 00:48:18 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	8.08	152	86274	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	392467	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	272513	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	741397	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	764296	20.00	ng	-0.02
86) Perylene-d12	24.86	264	729036	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	341162	68.85	ng	-0.01
7) Phenol-d6	7.22	99	298841	40.75	ng	-0.01
23) Nitrobenzene-d5	9.23	82	641181	103.10	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	476714	189.34	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1685790	108.09	ng	-0.01
78) Terphenyl-d14	20.00	244	2505118	79.72	ng	-0.02
Target Compounds						
35) Caprolactam	11.75	113	36436	16.11	ng	# 78
49) Dimethylphthalate	14.12	163	100692	5.39	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	101934	3.85	ng	# 94

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

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CPS043051

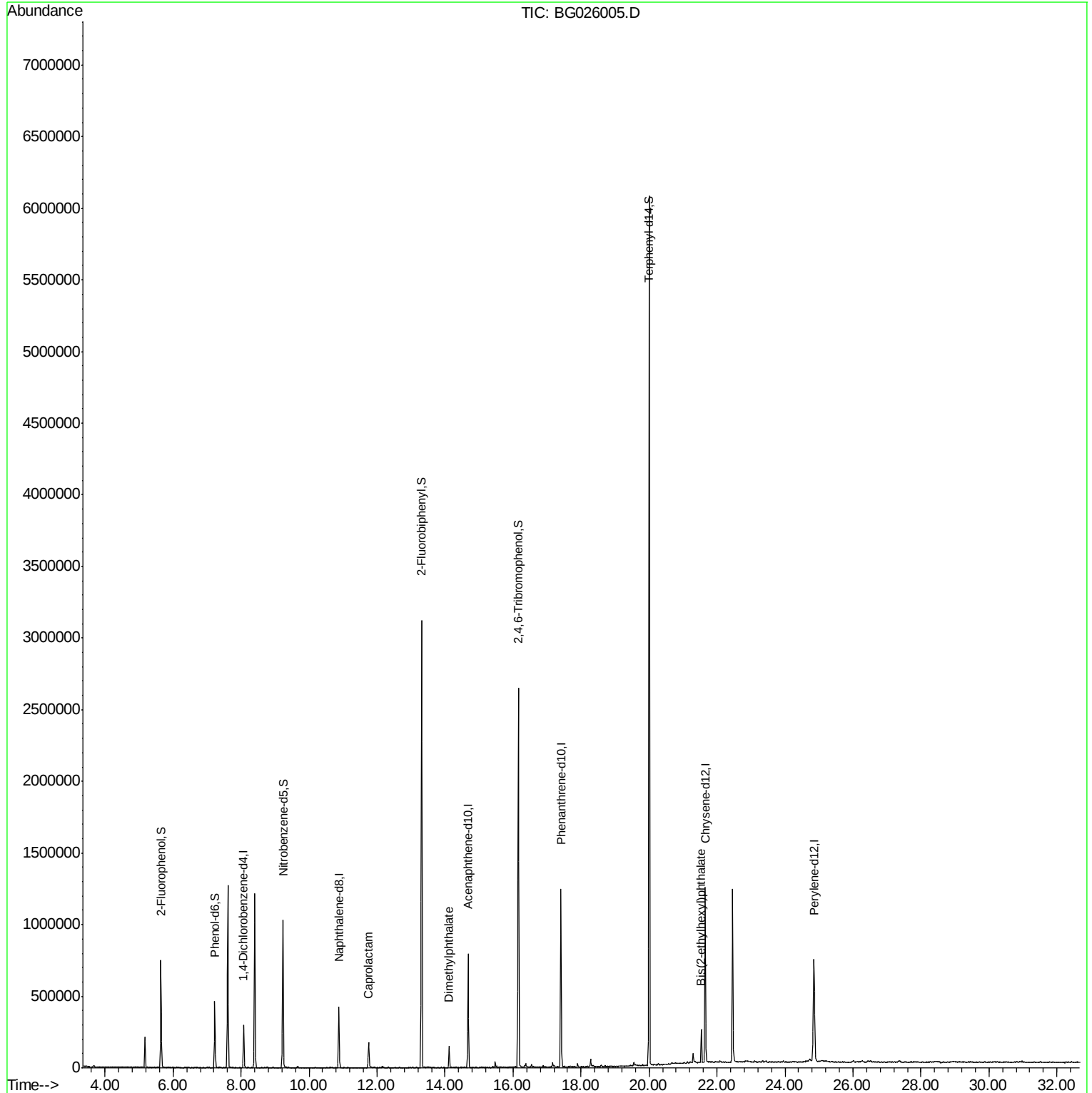
Quant Time: Mar 01 00:48:18 2017

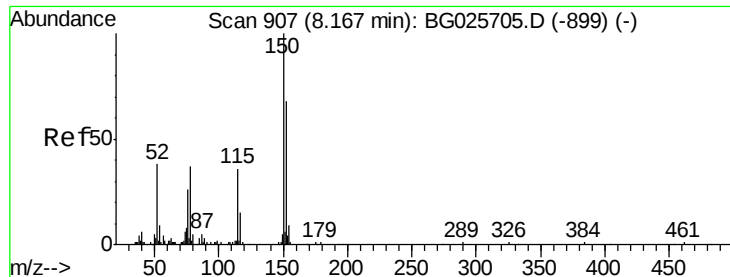
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 28 15:36:56 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

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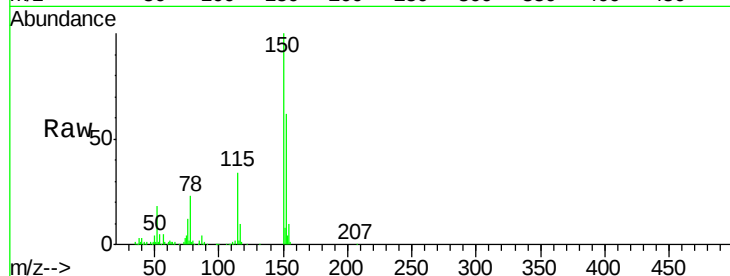
Tgt Ion:152 Resp: 86274

Ion Ratio Lower Upper

152 100

150 161.3 114.0 171.0

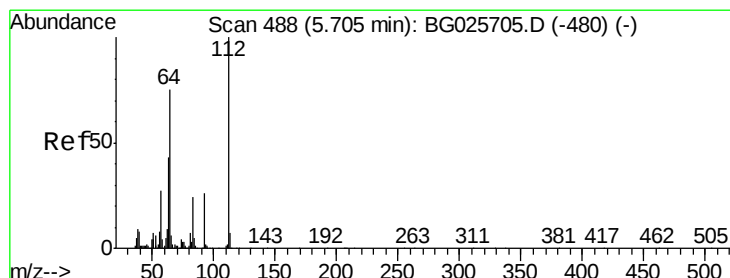
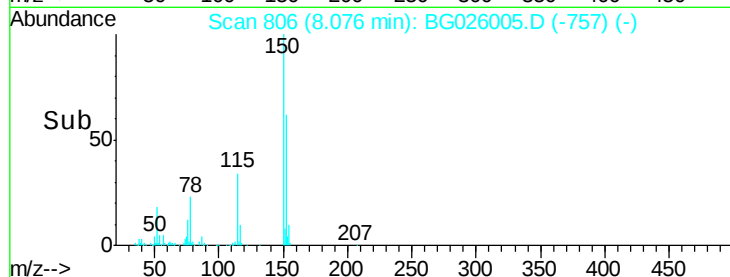
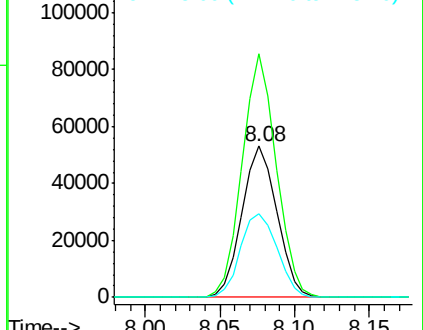
115 55.0 48.1 72.1



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: 68.85 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026005.D

Acq: 28 Feb 2017 20:18

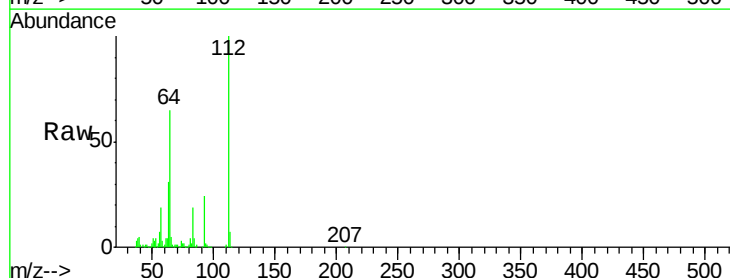
Tgt Ion:112 Resp: 341162

Ion Ratio Lower Upper

112 100

64 64.7 61.8 92.6

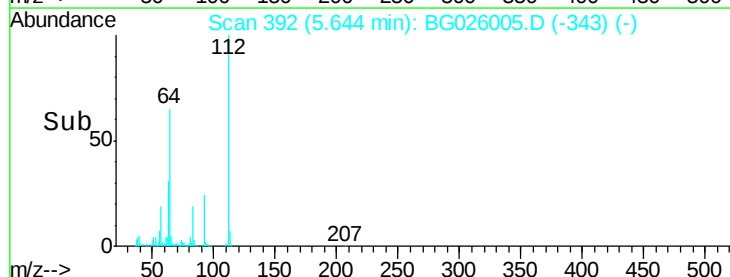
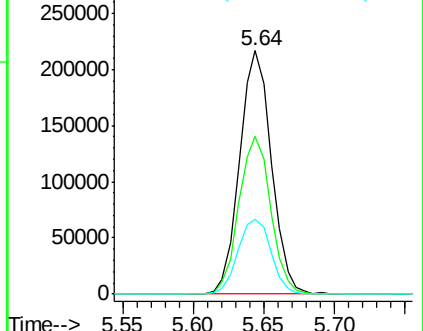
63 30.9 37.2 55.8#

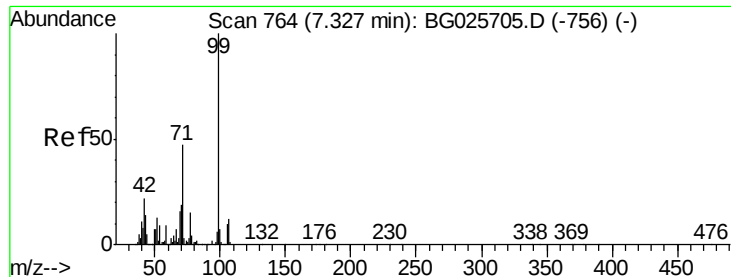


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.75 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

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Acq: 28 Feb 2017 20:18

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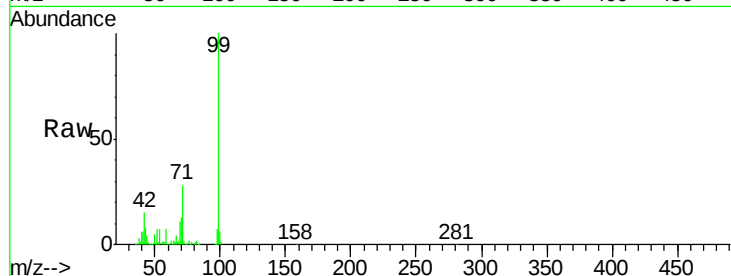
Tgt Ion: 99 Resp: 298841

Ion Ratio Lower Upper

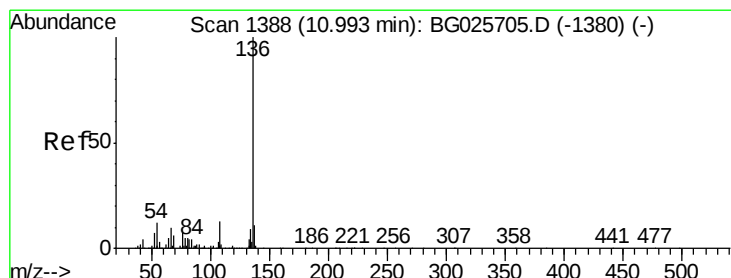
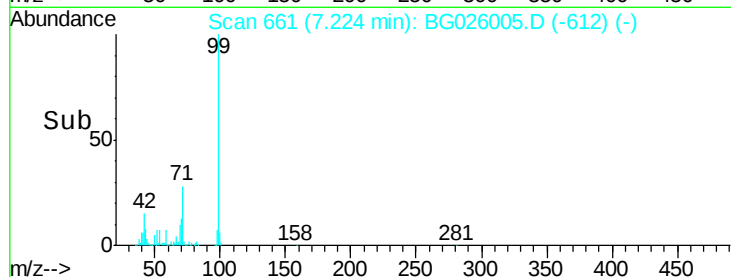
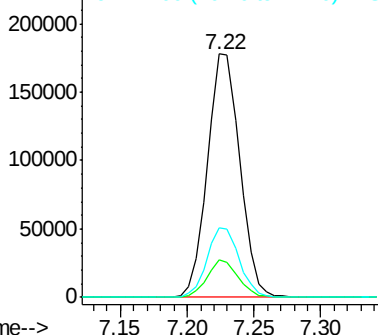
99 100

42 15.2 20.5 30.7#

71 28.5 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. -0.01 min

Lab File: BG026005.D

Acq: 28 Feb 2017 20:18

Tgt Ion: 136 Resp: 392467

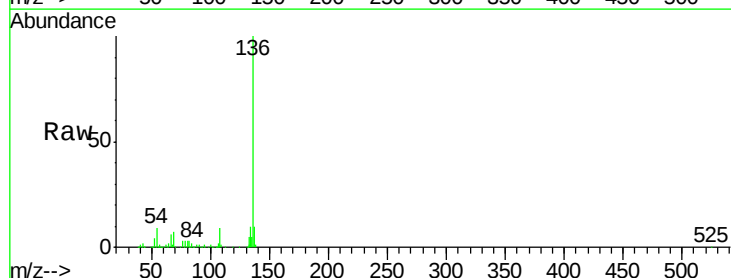
Ion Ratio Lower Upper

136 100

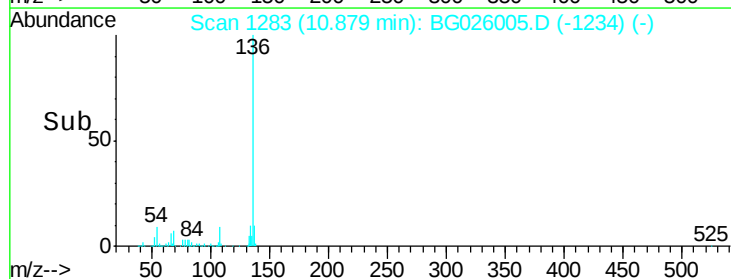
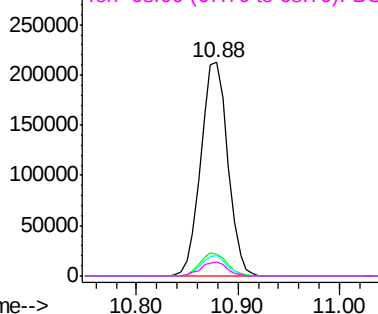
137 10.2 8.9 13.3

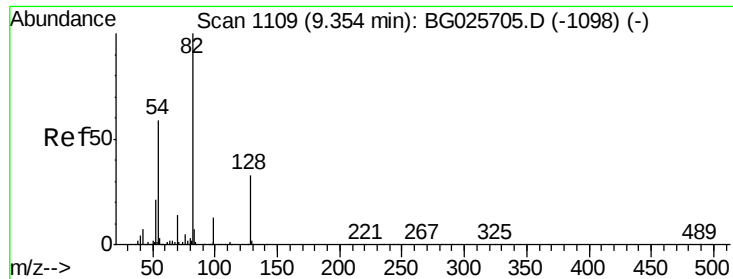
54 9.4 9.3 13.9

68 6.8 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

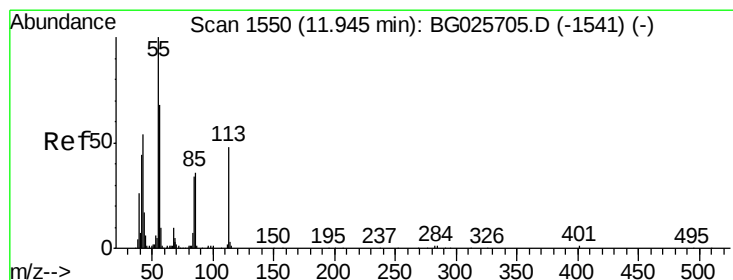
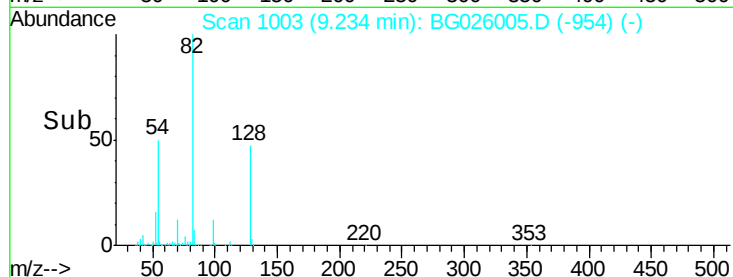
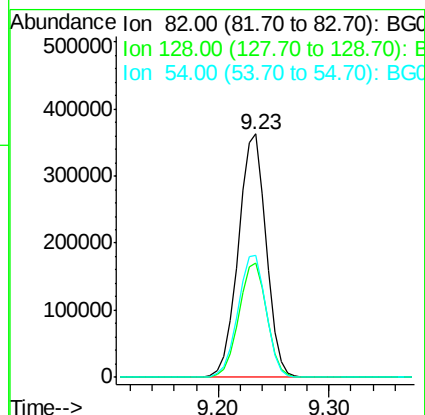
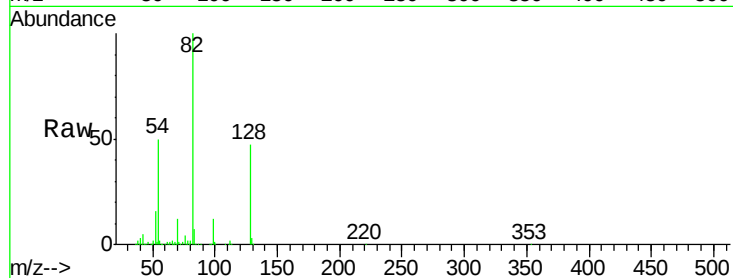




#23
 Nitrobenzene-d5
 Concen: 103.10 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026005.D
 Acq: 28 Feb 2017 20:18

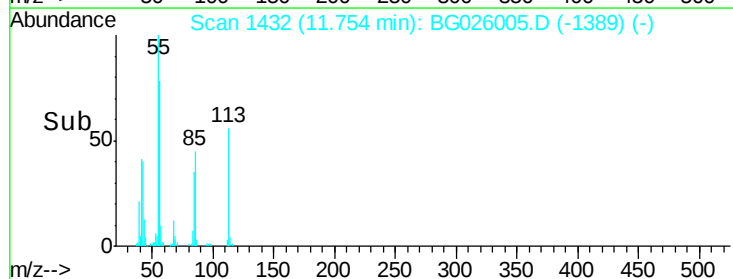
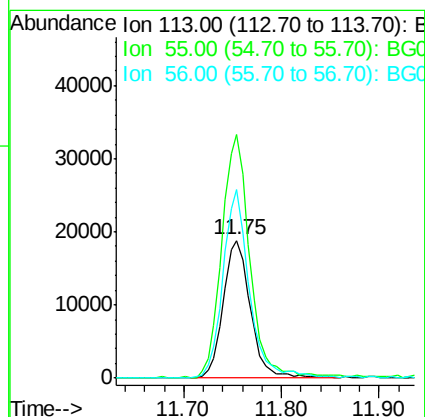
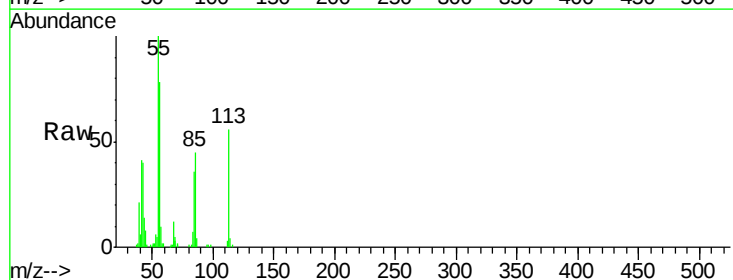
Instrument :
 BNA_G
 ClientSampleId :
 CPS043051

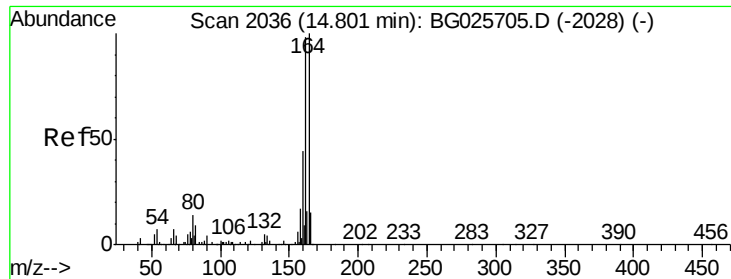
Tgt Ion: 82 Resp: 641181
 Ion Ratio Lower Upper
 82 100
 128 46.8 26.4 39.6#
 54 50.2 49.4 74.2



#35
 Caprolactam
 Concen: 16.11 ng
 RT: 11.75 min Scan# 1432
 Delta R.T. -0.05 min
 Lab File: BG026005.D
 Acq: 28 Feb 2017 20:18

Tgt Ion: 113 Resp: 36436
 Ion Ratio Lower Upper
 113 100
 55 177.0 198.6 238.6#
 56 137.3 140.4 180.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG026005.D

Acq: 28 Feb 2017 20:18

Instrument :

BNA_G

ClientSampleId :

CPS043051

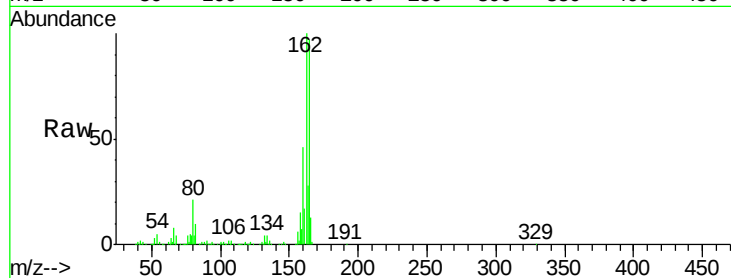
Tgt Ion:164 Resp: 272513

Ion Ratio Lower Upper

164 100

162 103.4 85.1 127.7

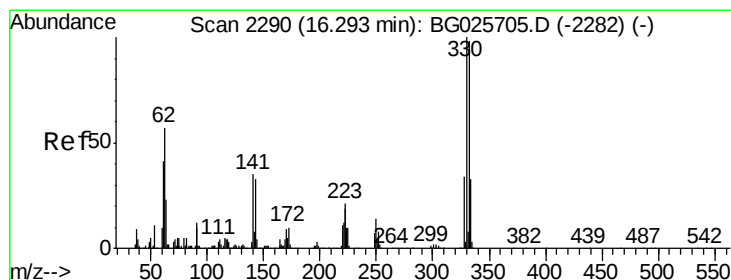
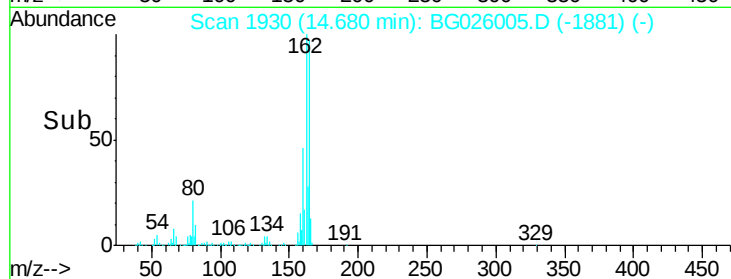
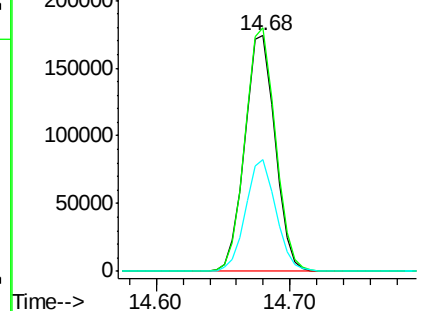
160 47.2 34.7 52.1



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: 189.34 ng

RT: 16.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG026005.D

Acq: 28 Feb 2017 20:18

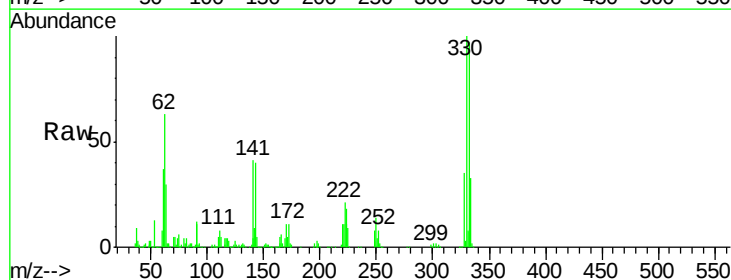
Tgt Ion:330 Resp: 476714

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

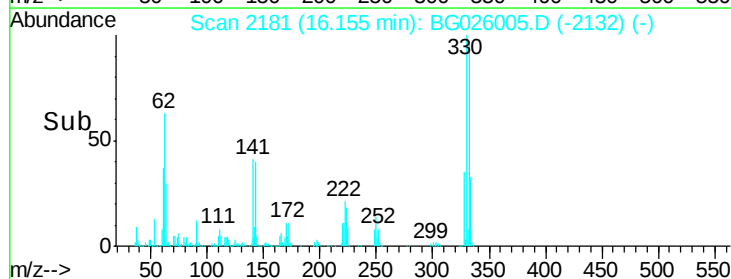
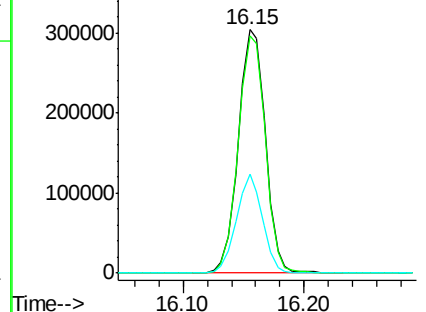
141 38.9 32.1 48.1

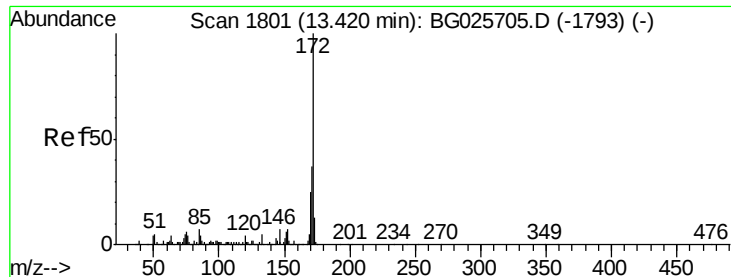


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

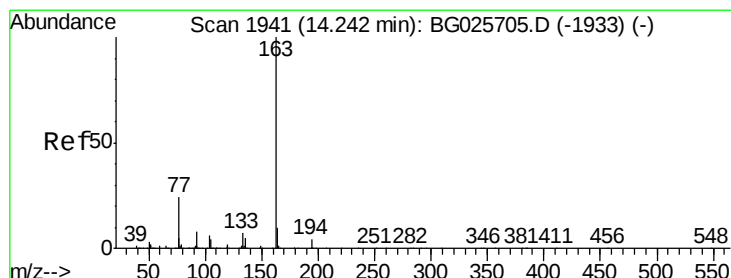
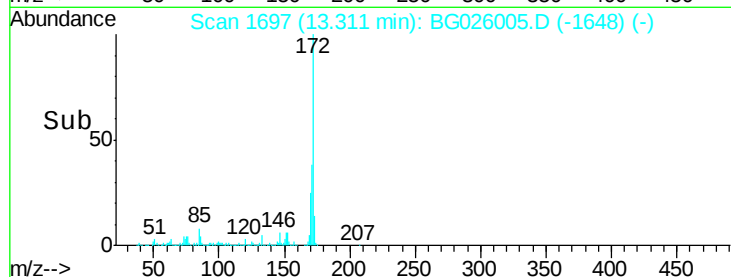
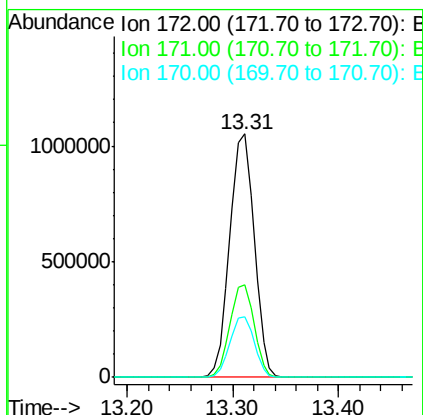
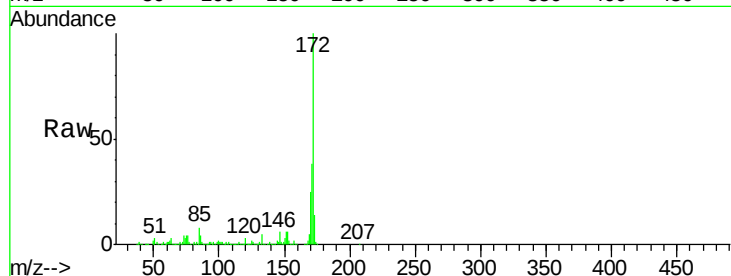




#44
2-Fluorobiphenyl
Concen: 108.09 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG026005.D
Acq: 28 Feb 2017 20:18

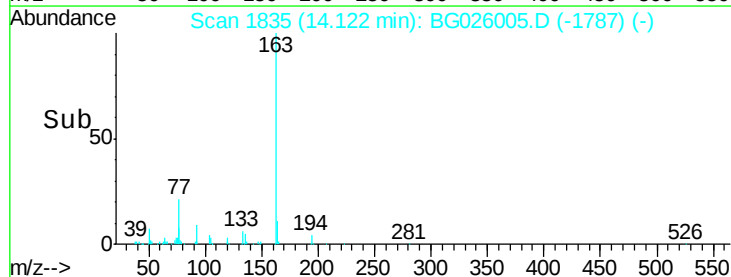
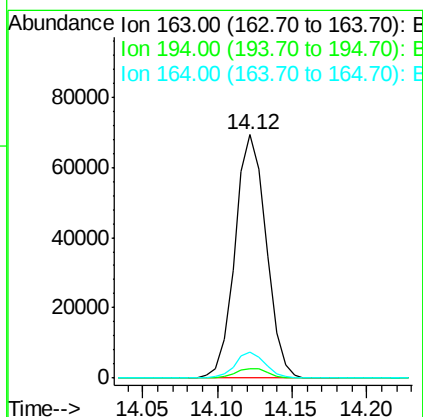
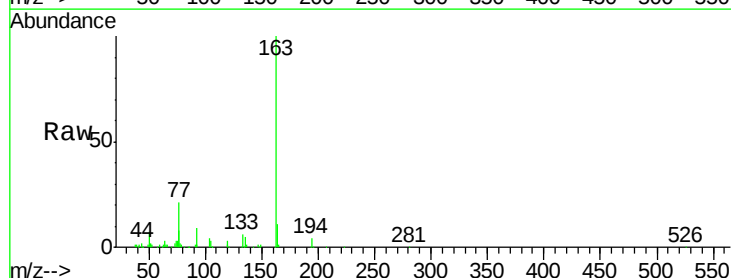
Instrument :
BNA_G
ClientSampleId :
CPS043051

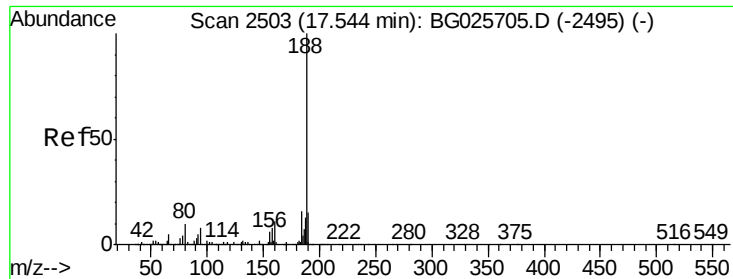
Tgt Ion:172 Resp: 1685790
Ion Ratio Lower Upper
172 100
171 38.2 32.2 48.2
170 25.0 21.8 32.6



#49
Dimethylphthalate
Concen: 5.39 ng
RT: 14.12 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BG026005.D
Acq: 28 Feb 2017 20:18

Tgt Ion:163 Resp: 100692
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.6
164 10.6 9.3 13.9

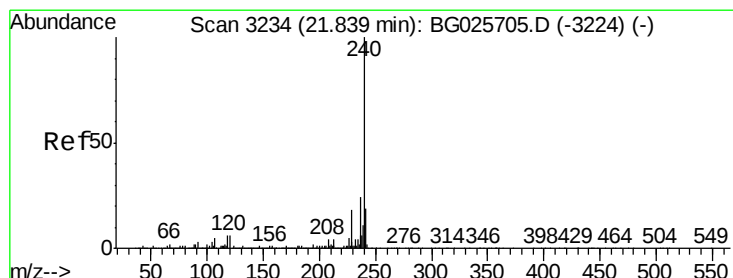
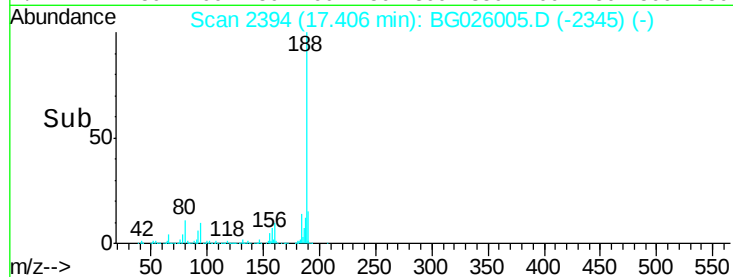
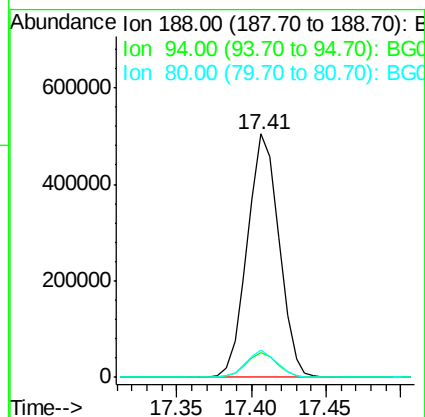
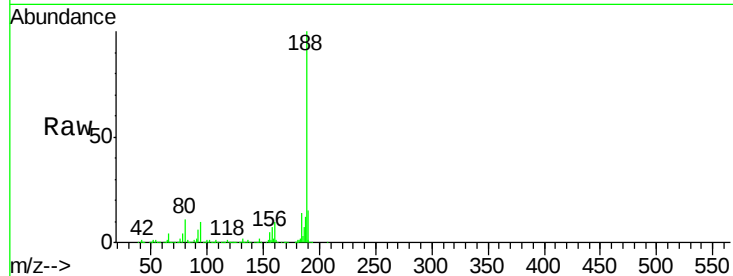




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG026005.D
Acq: 28 Feb 2017 20:18

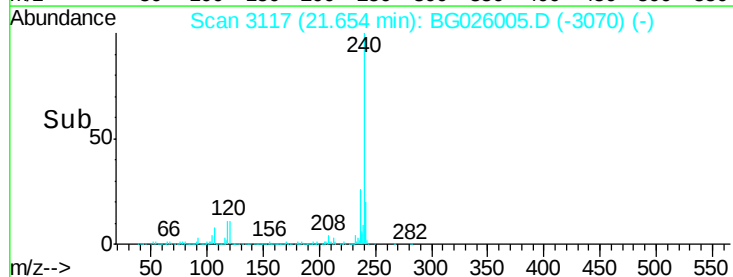
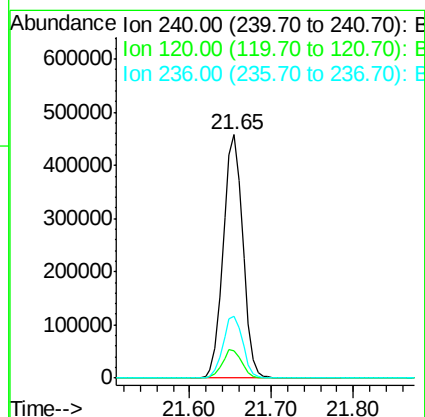
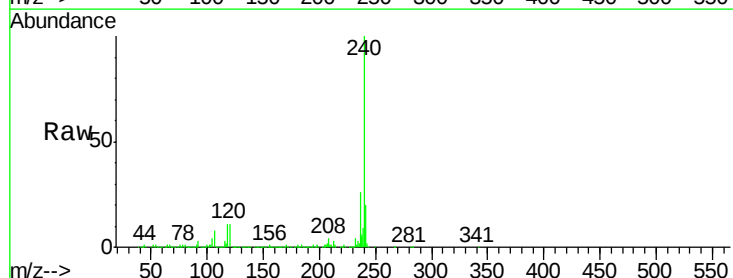
Instrument :
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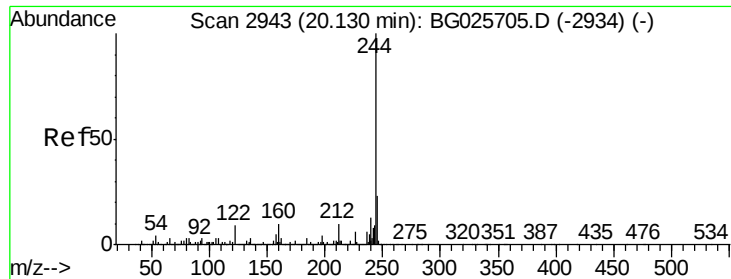
Tgt Ion:188 Resp: 741397
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 11.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BG026005.D
Acq: 28 Feb 2017 20:18

Tgt Ion:240 Resp: 764296
Ion Ratio Lower Upper
240 100
120 11.3 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 79.72 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026005.D

Acq: 28 Feb 2017 20:18

Instrument :

BNA_G

ClientSampleId :

CPS043051

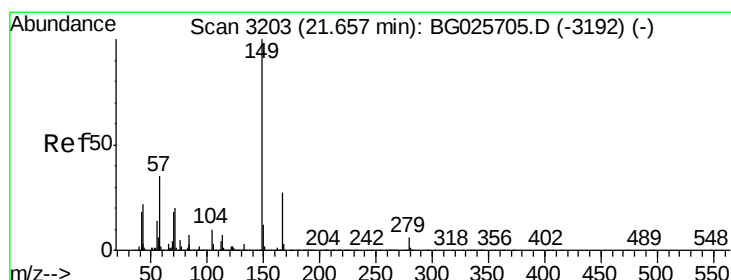
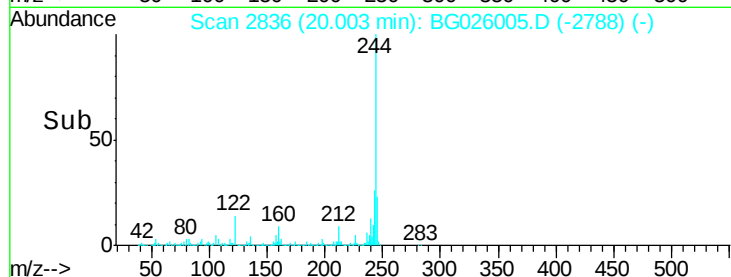
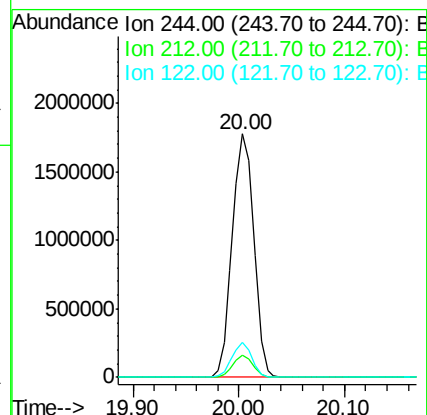
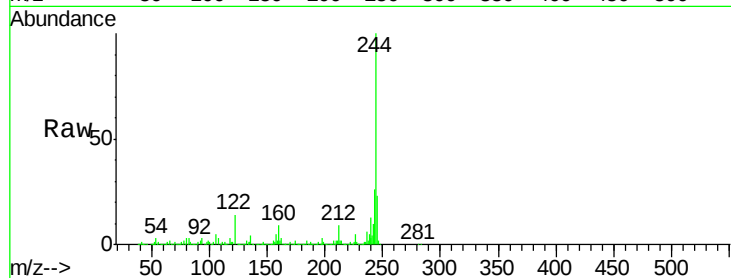
Tgt Ion:244 Resp: 2505118

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

122 14.2 8.6 12.8#



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.85 ng

RT: 21.54 min Scan# 3097

Delta R.T. -0.04 min

Lab File: BG026005.D

Acq: 28 Feb 2017 20:18

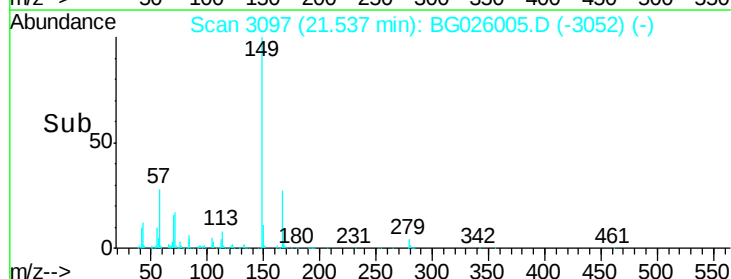
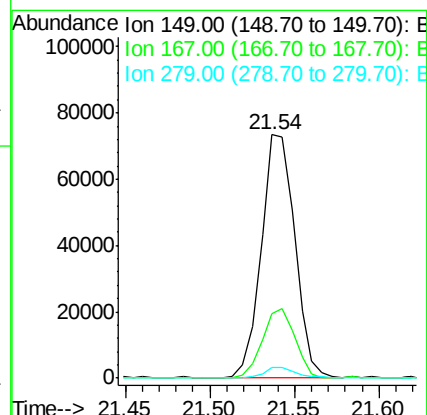
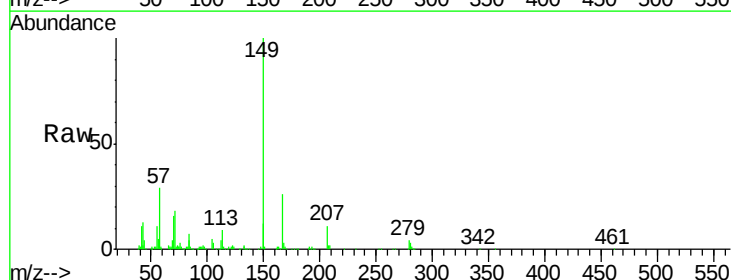
Tgt Ion:149 Resp: 101934

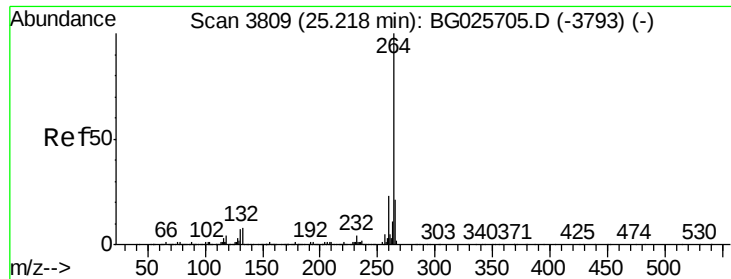
Ion Ratio Lower Upper

149 100

167 26.5 23.7 35.5

279 4.1 4.6 6.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.86 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG026005.D
Acq: 28 Feb 2017 20:18

Instrument :
BNA_G
ClientSampleId :
CPS043051

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.4	18.2	27.4

