

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
 Data File : BG024025.D
 Acq On : 19 Sep 2016 19:32
 Operator : UM/SJ
 Sample : H4819-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MW11-06DUP

Quant Time: Sep 20 00:54:52 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

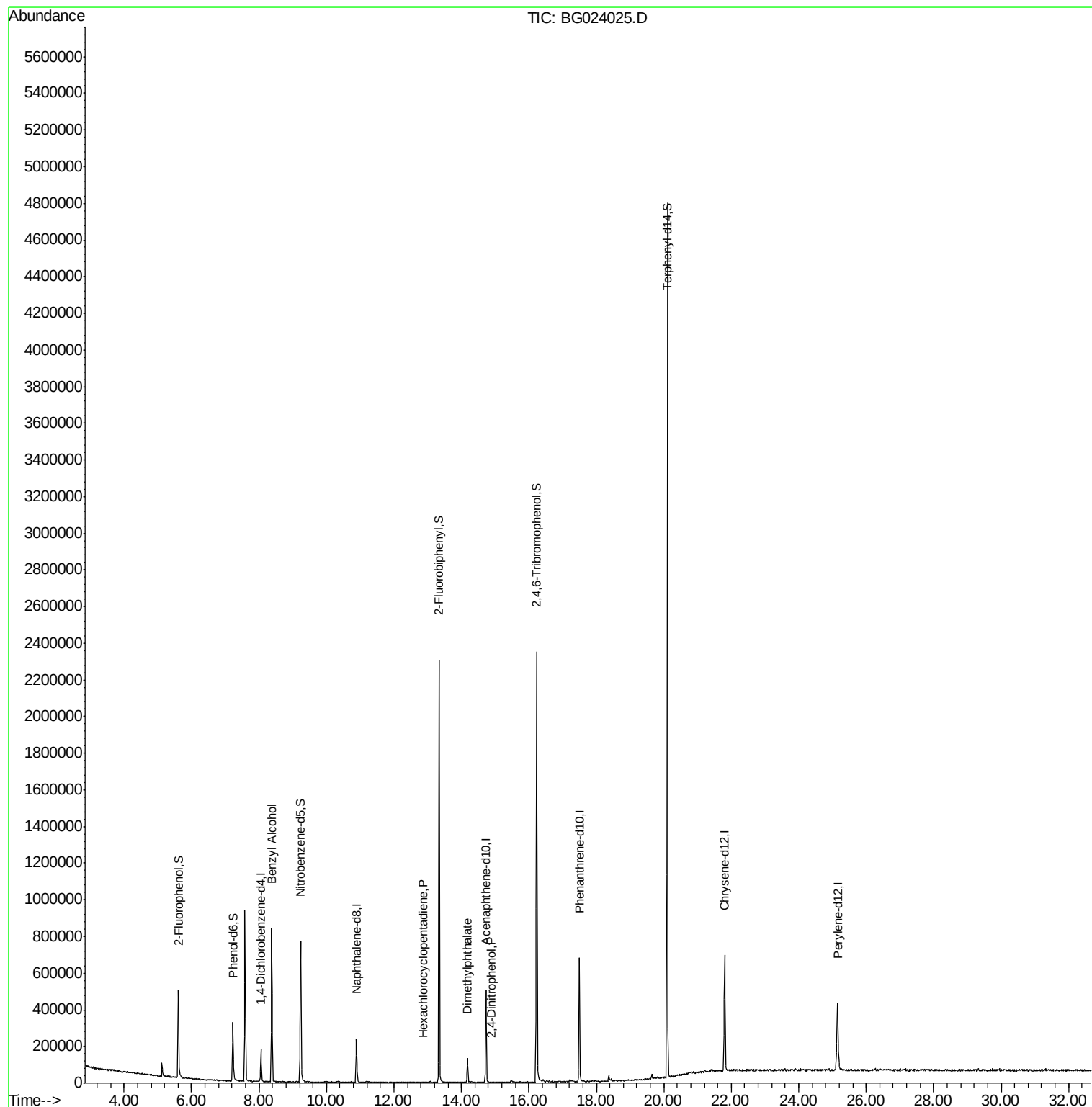
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42710	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	198422	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	179485	20.00	ng	-0.04
63) Phenanthrene-d10	17.50	188	420545	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	442190	20.00	ng	-0.04
86) Perylene-d12	25.15	264	428938	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	201492	82.83	ng	-0.04
7) Phenol-d6	7.23	99	191274	51.08	ng	-0.05
23) Nitrobenzene-d5	9.24	82	520407	117.09	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	435007	134.52	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	1109943	88.66	ng	-0.04
78) Terphenyl-d14	20.10	244	1907091	98.22	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.38	79	7785	2.36	ng	# 63
40) Hexachlorocyclopentadiene	12.85	237	78	7.10	ng	# 26
49) Dimethylphthalate	14.18	163	87821	5.71	ng	# 95
53) 2,4-Dinitrophenol	14.87	184	62	6.54	ng	# 10

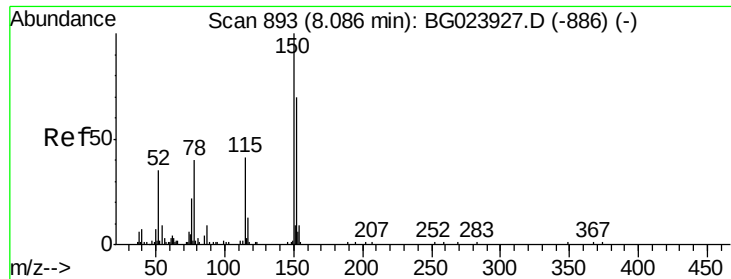
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 00:54:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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QLast Update : Fri Sep 09 16:24:09 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.05 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-06DUP

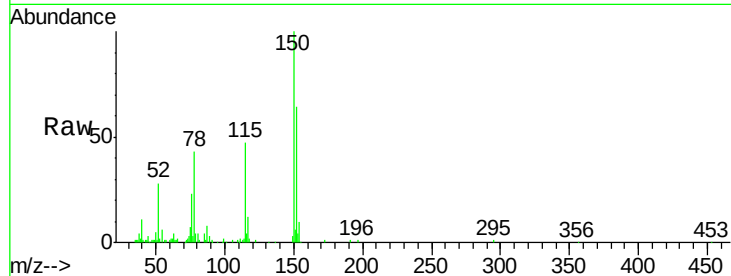
Tgt Ion:152 Resp: 42710

Ion Ratio Lower Upper

152 100

150 155.5 144.7 217.1

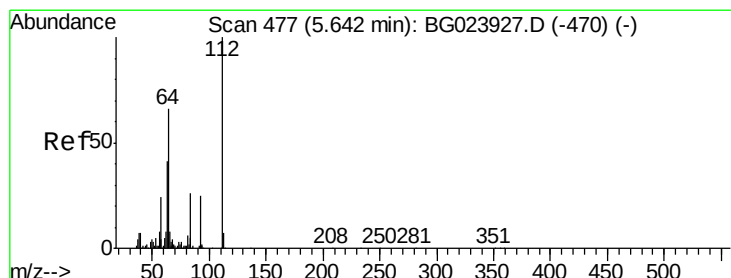
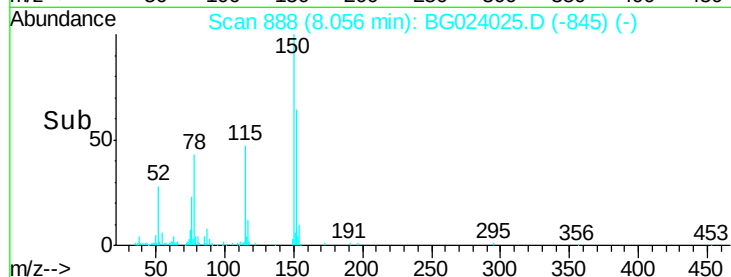
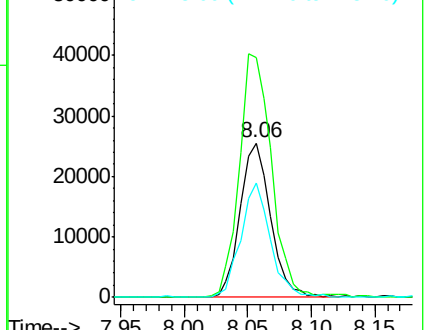
115 73.6 64.0 96.0



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: 82.83 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

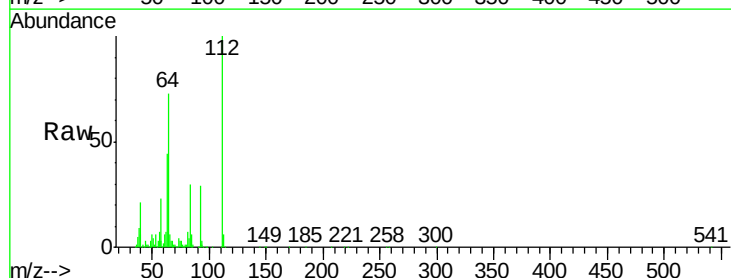
Tgt Ion:112 Resp: 201492

Ion Ratio Lower Upper

112 100

64 73.0 59.0 88.4

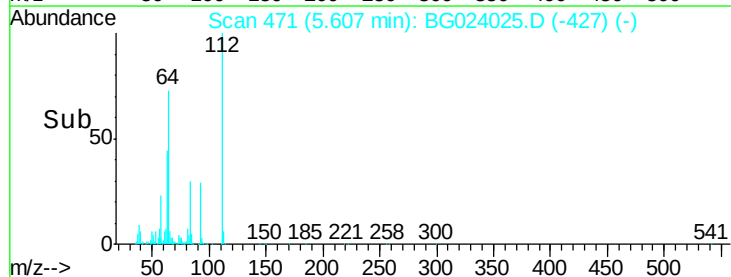
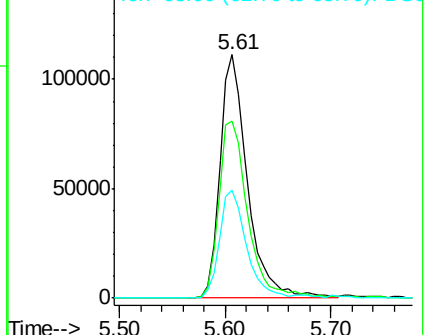
63 44.4 37.8 56.8

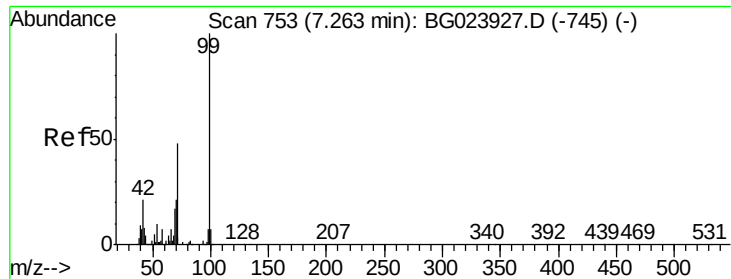


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 51.08 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-06DUP

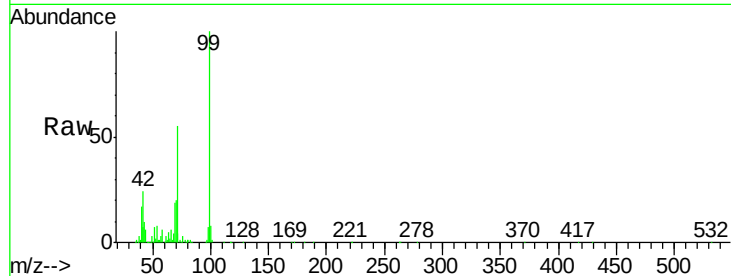
Tgt Ion: 99 Resp: 191274

Ion Ratio Lower Upper

99 100

42 24.3 17.8 26.6

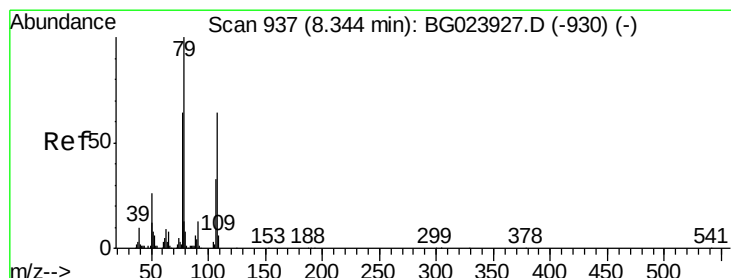
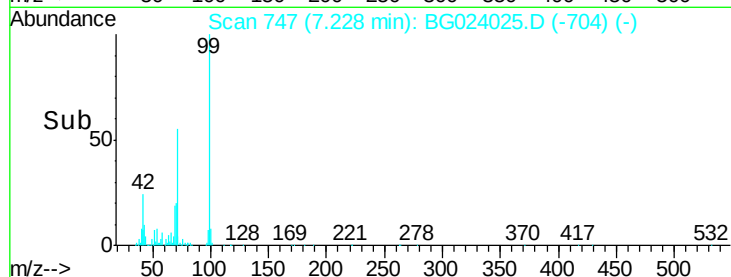
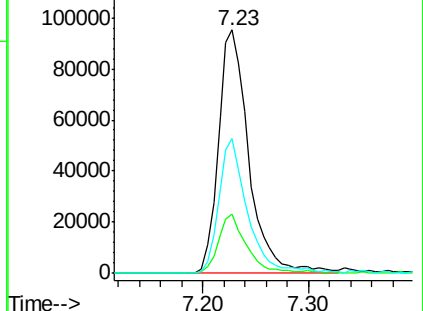
71 55.5 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 2.36 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.02 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

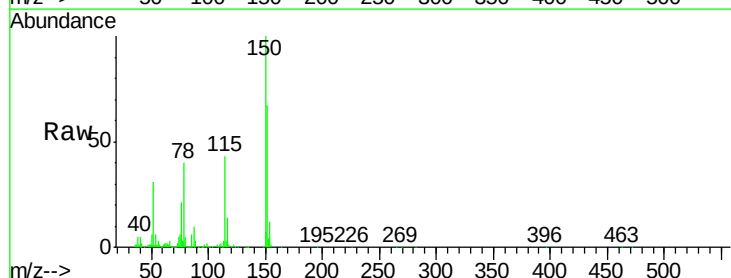
Tgt Ion: 79 Resp: 7785

Ion Ratio Lower Upper

79 100

108 34.6 46.5 69.7#

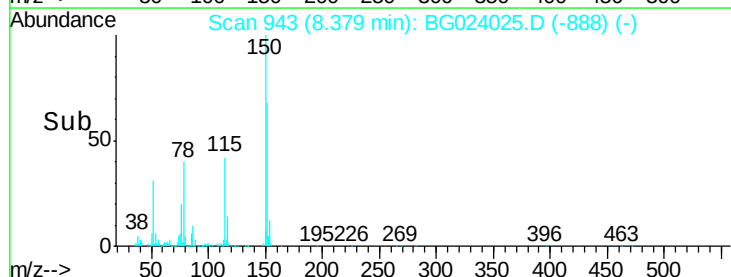
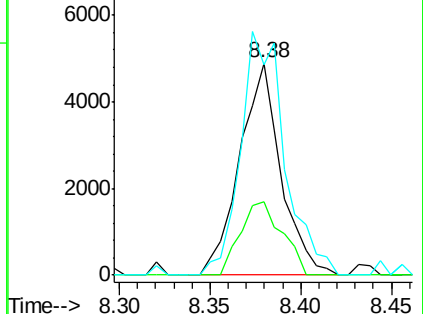
77 99.2 52.3 78.5#

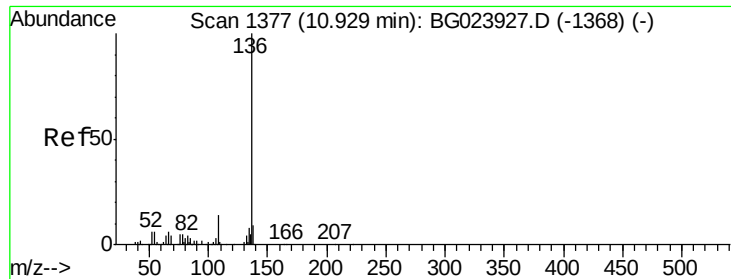


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

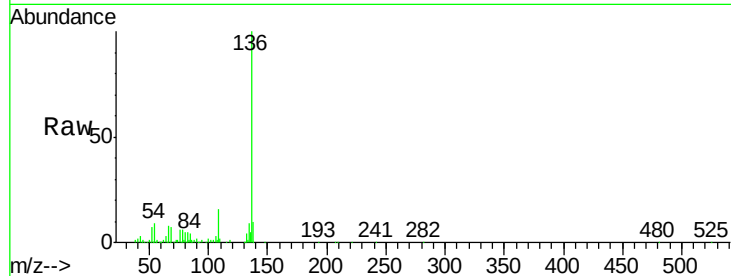




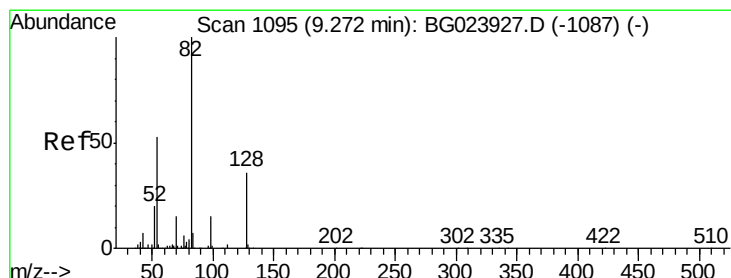
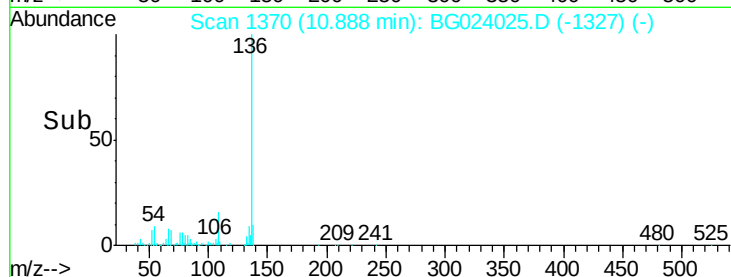
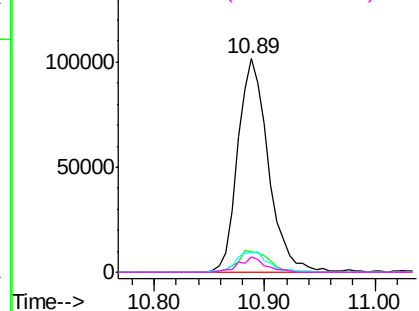
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.05 min
Lab File: BG024025.D
Acq: 19 Sep 2016 19:32

Instrument :
BNA_G
ClientSampleId :
YORK-MW11-06DUP

Tgt Ion:	136	Resp:	198422
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.6	14.4#
54	8.9	7.3	10.9
68	6.9	5.3	7.9

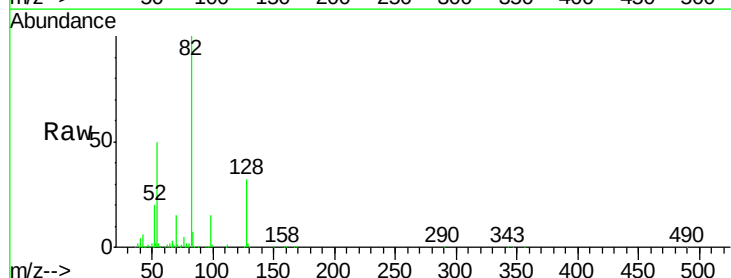


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

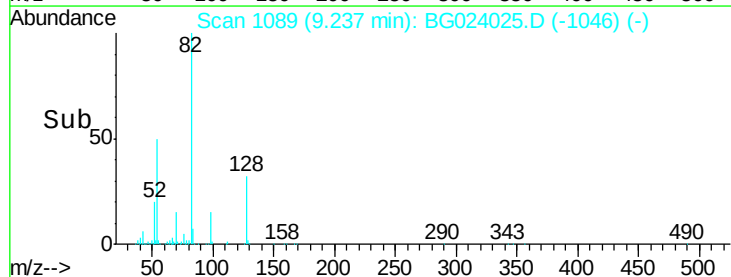
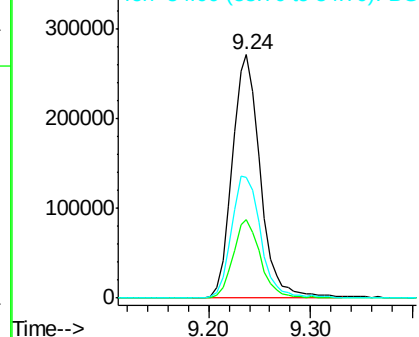


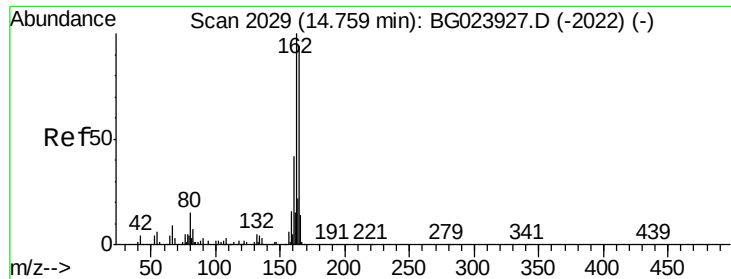
#23
Nitrobenzene-d5
Concen: 117.09 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG024025.D
Acq: 19 Sep 2016 19:32

Tgt Ion:	82	Resp:	520407
Ion	Ratio	Lower	Upper
82	100		
128	32.1	24.4	36.6
54	49.5	41.4	62.0



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: 14.73 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-06DUP

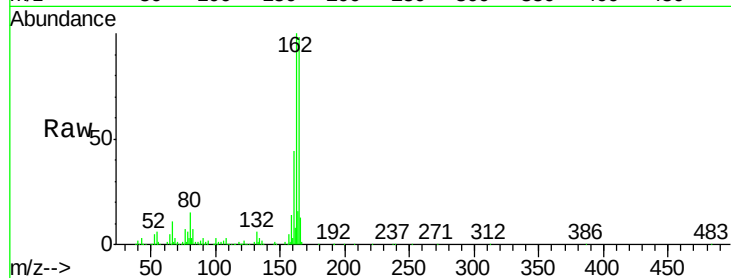
Tgt Ion:164 Resp: 179485

Ion Ratio Lower Upper

164 100

162 101.8 87.7 131.5

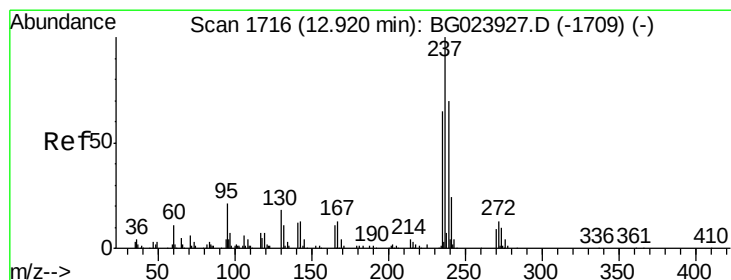
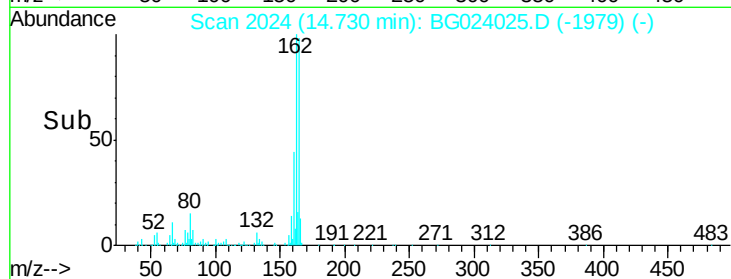
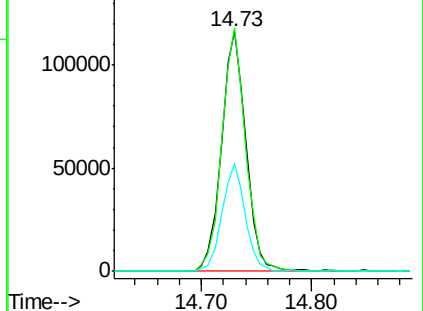
160 45.0 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 12.85 min Scan# 1704

Delta R.T. -0.08 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

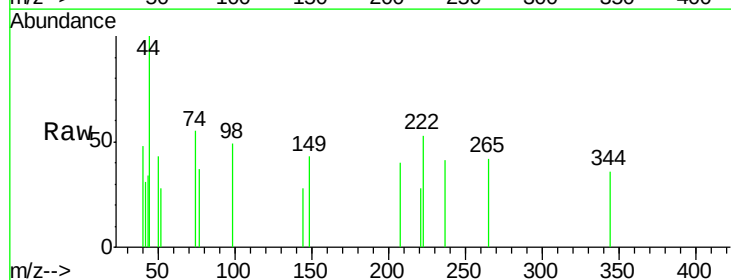
Tgt Ion:237 Resp: 78

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

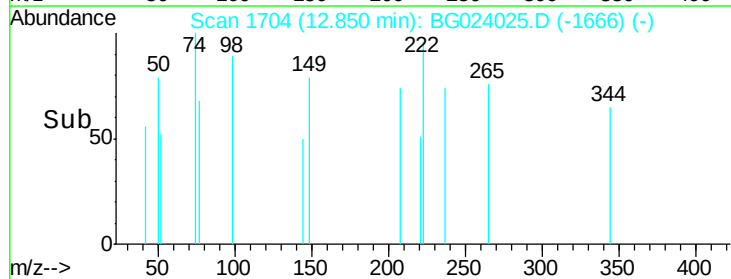
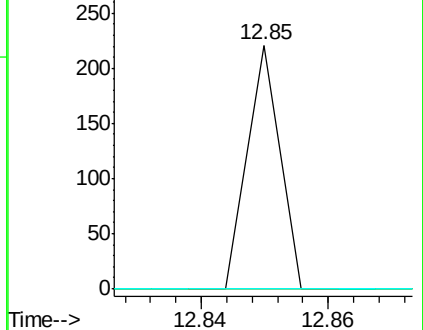
272 0.0 0.0 30.9

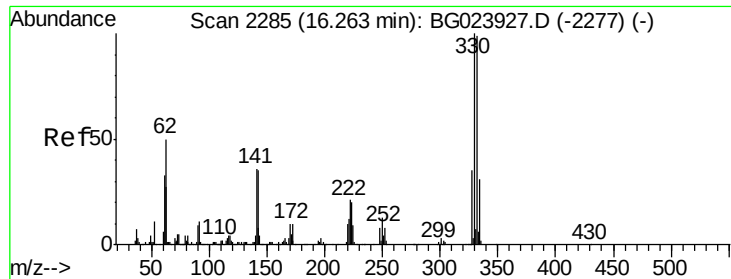


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

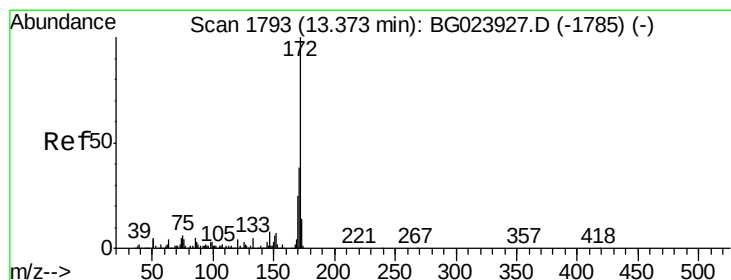
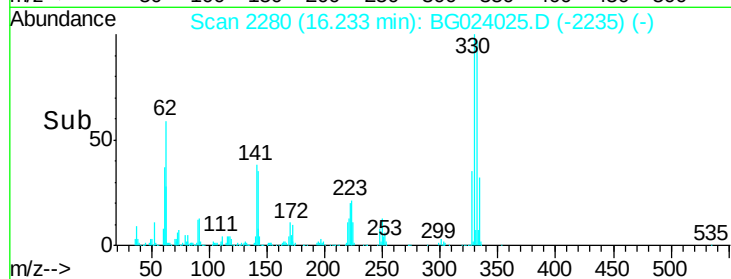
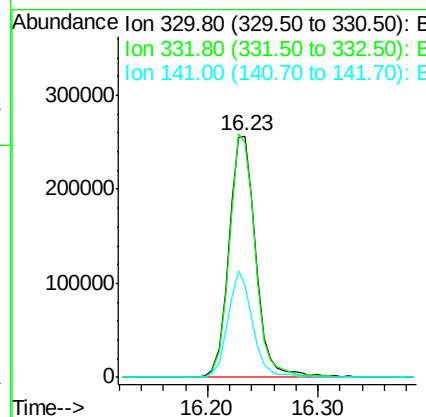
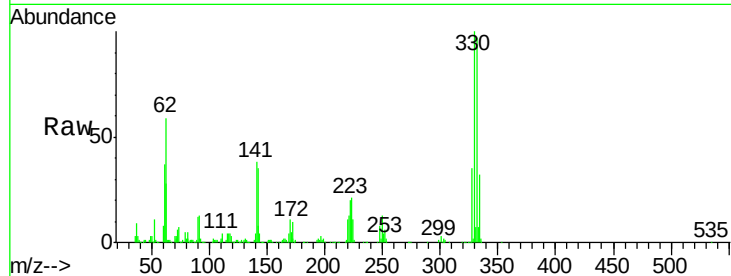




#41
 2,4,6-Tribromophenol
 Concen: 134.52 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG024025.D
 Acq: 19 Sep 2016 19:32

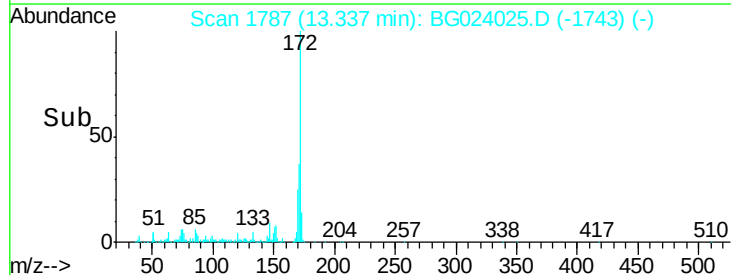
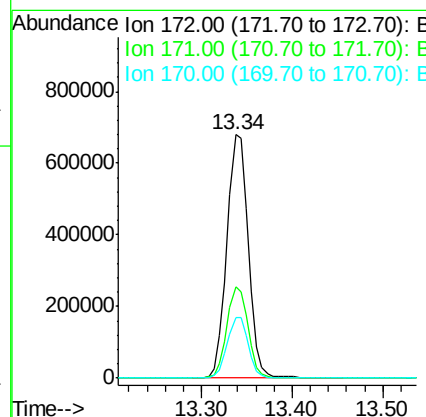
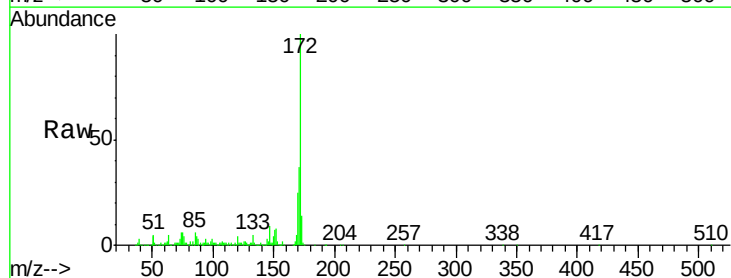
Instrument :
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 YORK-MW11-06DUP

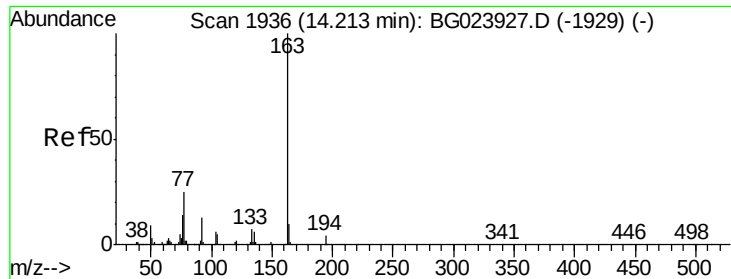
Tgt Ion:330 Resp: 435007
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 40.5 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 88.66 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.04 min
 Lab File: BG024025.D
 Acq: 19 Sep 2016 19:32

Tgt Ion:172 Resp: 1109943
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.6 47.4
 170 24.9 21.3 31.9





#49

Dimethylphthalate

Concen: 5.71 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-06DUP

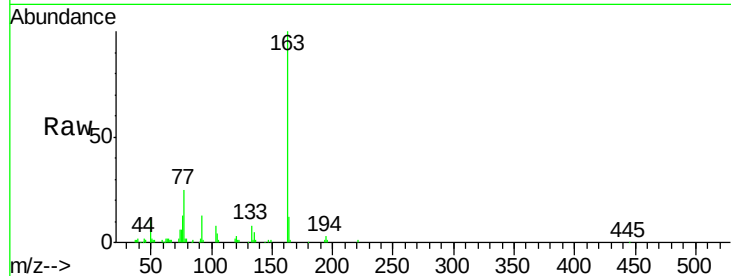
Tgt Ion:163 Resp: 87821

Ion Ratio Lower Upper

163 100

194 2.8 3.6 5.4#

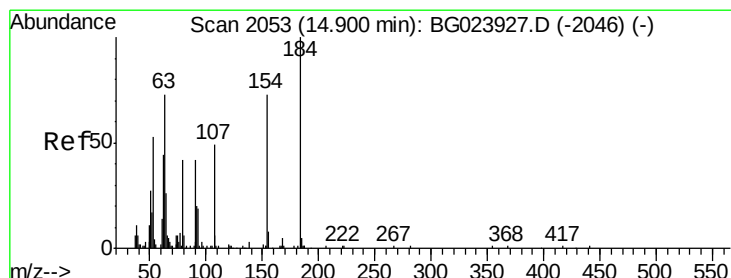
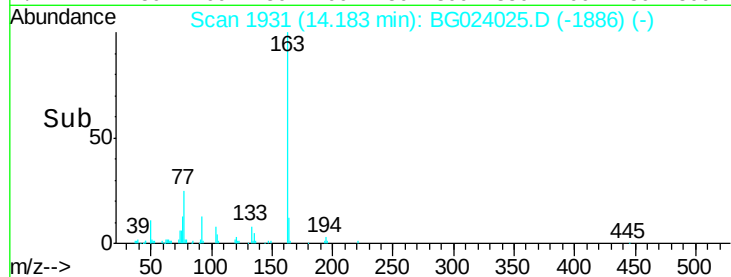
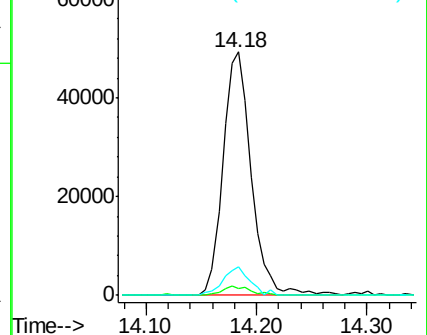
164 11.8 8.1 12.1



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



#53

2,4-Dinitrophenol

Concen: 6.54 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.04 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

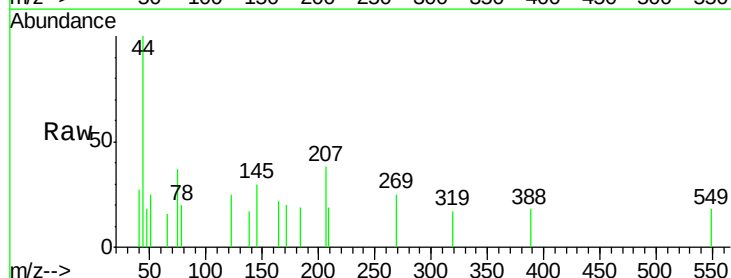
Tgt Ion:184 Resp: 62

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

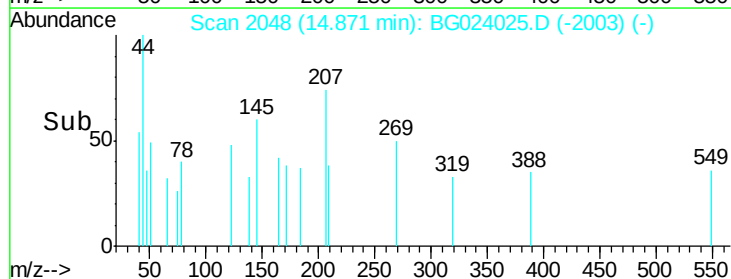
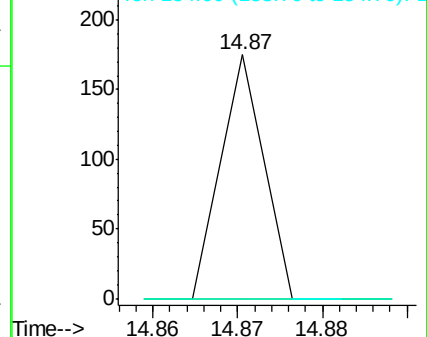
154 0.0 67.4 101.0#

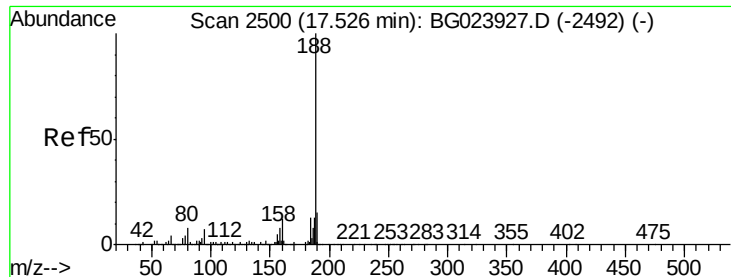


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.03 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

Instrument :

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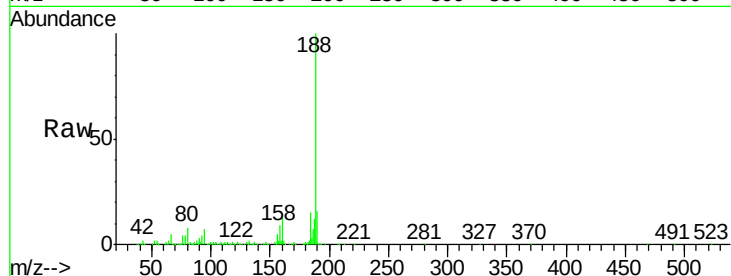
Tgt Ion:188 Resp: 420545

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

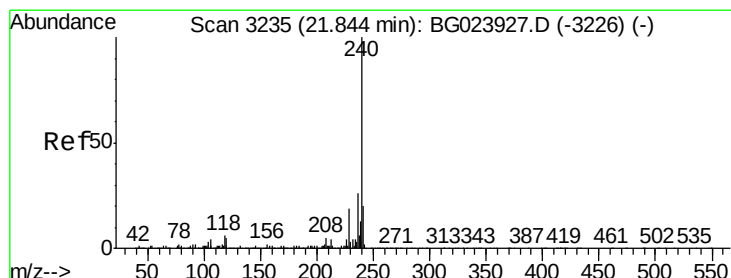
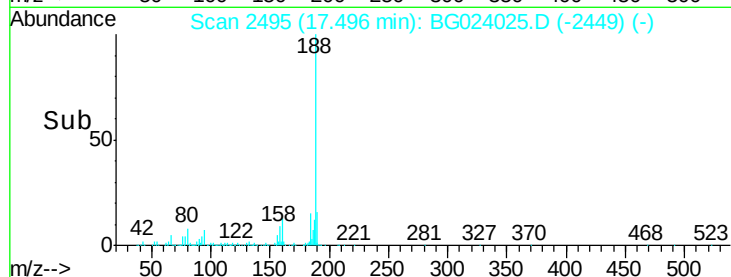
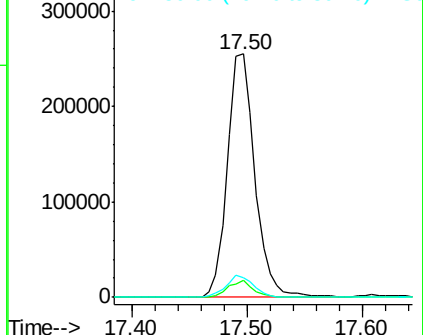
80 8.2 7.2 10.8



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: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

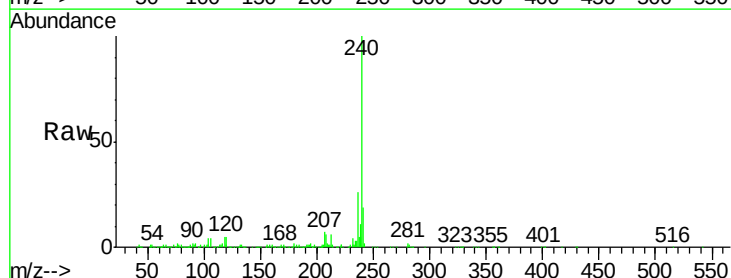
Tgt Ion:240 Resp: 442190

Ion Ratio Lower Upper

240 100

120 5.1 4.1 6.1

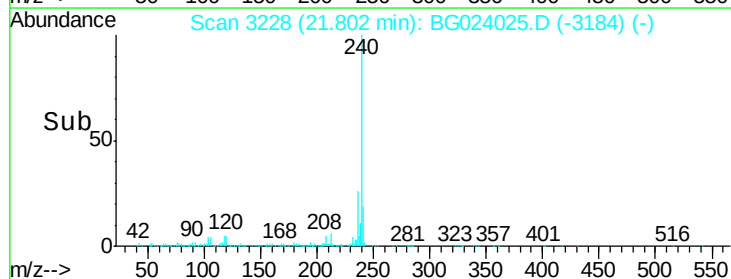
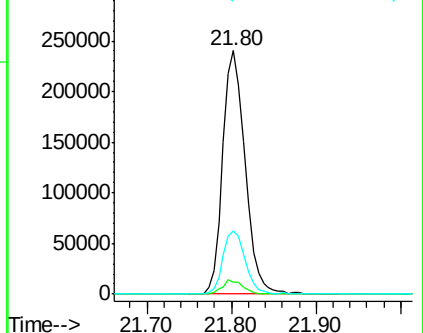
236 26.1 21.1 31.7

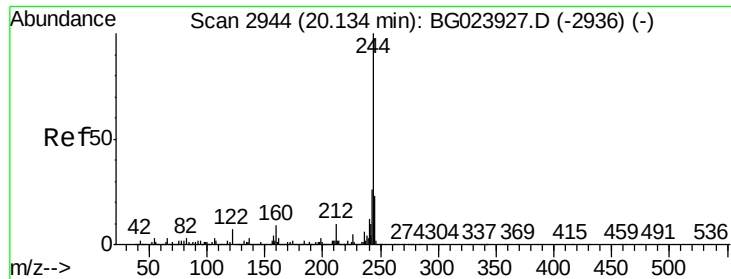


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.22 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-06DUP

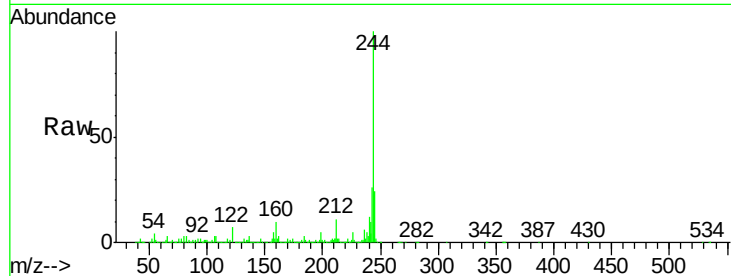
Tgt Ion:244 Resp: 1907091

Ion Ratio Lower Upper

244 100

212 11.2 10.8 16.2

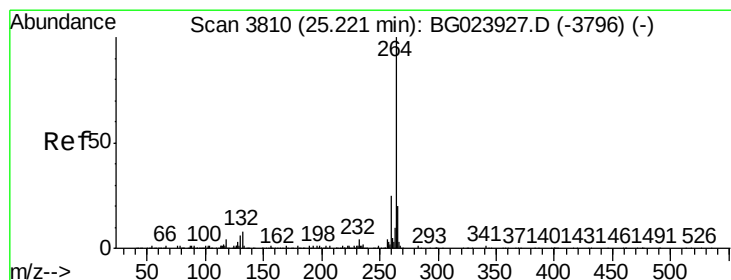
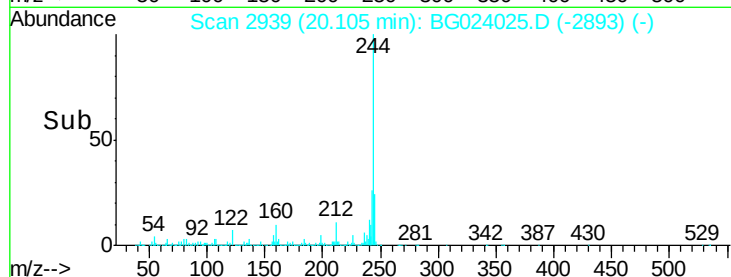
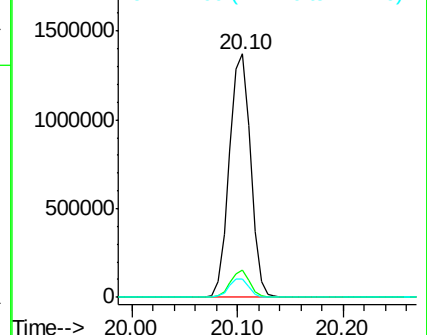
122 7.3 8.0 12.0#



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: 25.15 min Scan# 3798

Delta R.T. -0.06 min

Lab File: BG024025.D

Acq: 19 Sep 2016 19:32

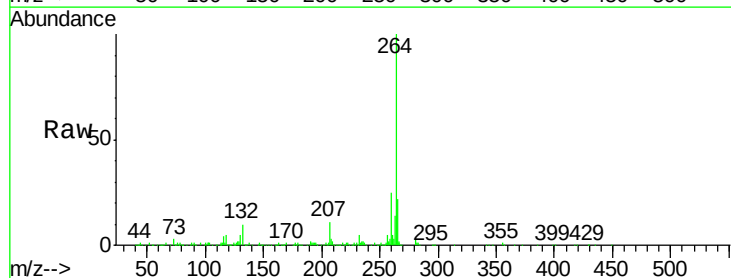
Tgt Ion:264 Resp: 428938

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 22.2 18.9 28.3



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

