

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
 Data File : BG024029.D
 Acq On : 19 Sep 2016 22:05
 Operator : UM/SJ
 Sample : H4821-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-6DUP

Quant Time: Sep 20 00:55:41 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

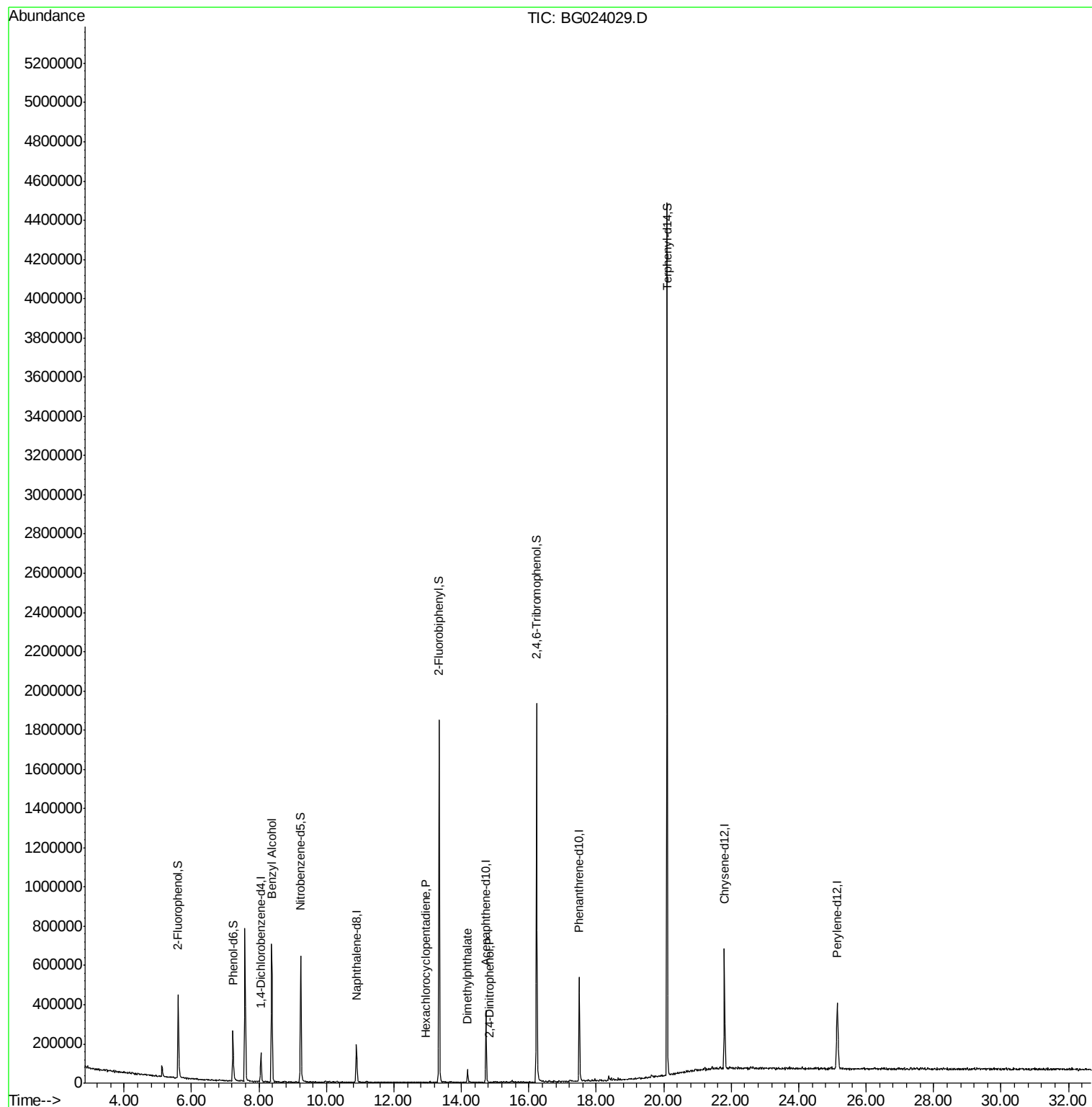
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36211	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	161255	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	135957	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	339516	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	404804	20.00	ng	-0.04
86) Perylene-d12	25.15	264	404439	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	166211	80.59	ng	-0.04
7) Phenol-d6	7.23	99	156266	49.22	ng	-0.05
23) Nitrobenzene-d5	9.23	82	420609	116.45	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	340930	139.18	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	880727	92.88	ng	-0.04
78) Terphenyl-d14	20.10	244	1682087	94.63	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.37	79	7259	2.59	ng	# 68
40) Hexachlorocyclopentadiene	12.95	237	73	7.11	ng	# 26
49) Dimethylphthalate	14.18	163	43311	3.72	ng	# 94
53) 2,4-Dinitrophenol	14.83	184	65	6.54	ng	# 10

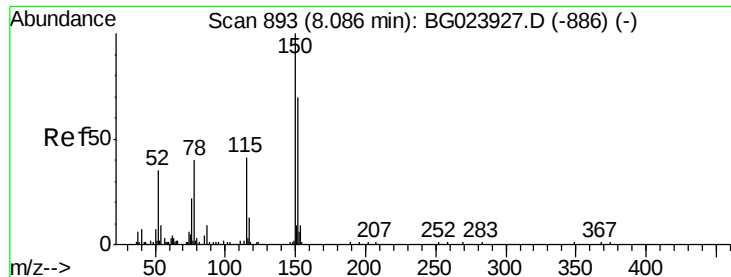
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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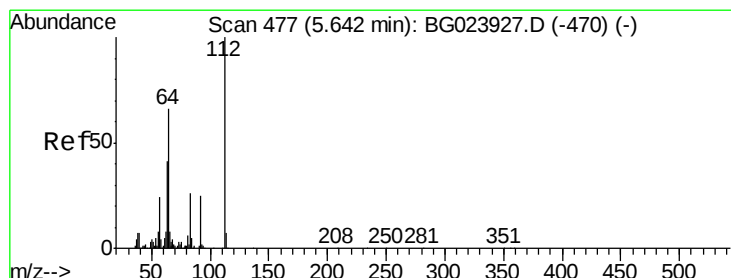
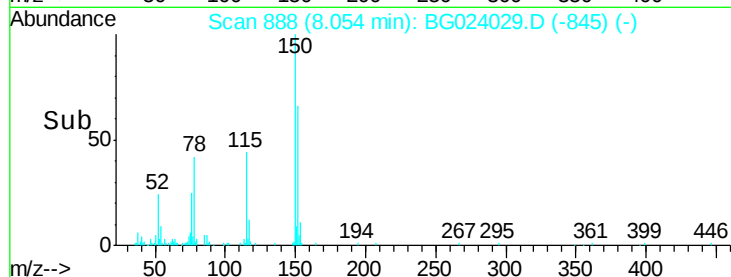
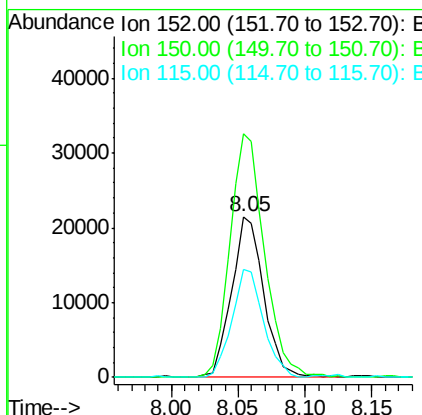
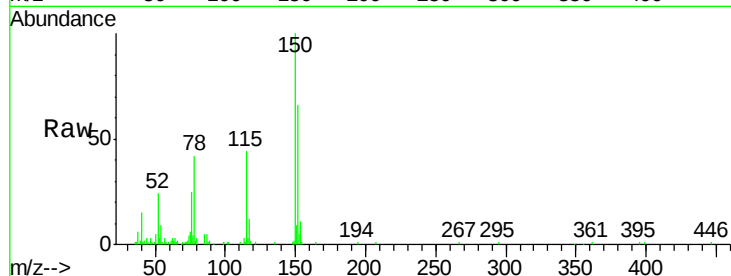


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.05 min
Lab File: BG024029.D
Acq: 19 Sep 2016 22:05

Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-6DUP

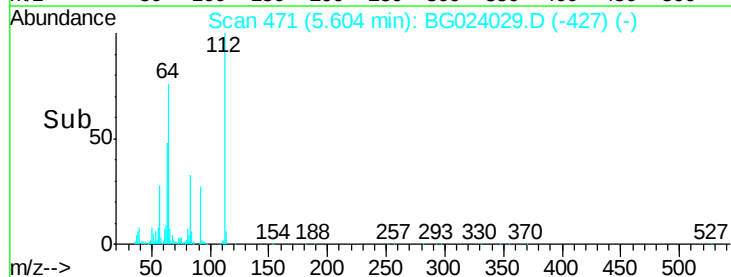
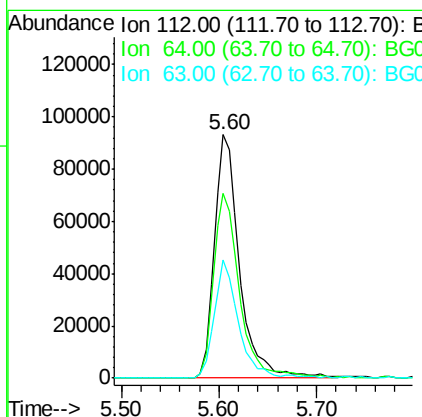
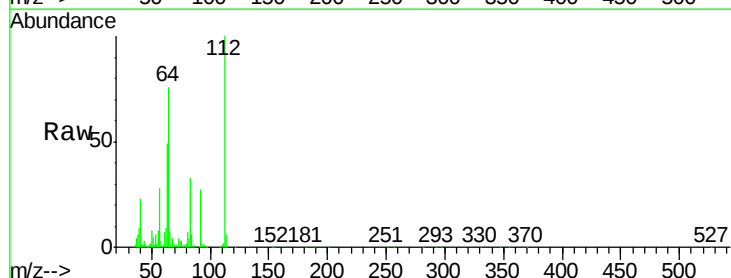
Tgt Ion:152 Resp: 36211
Ion Ratio Lower Upper
152 100
150 151.2 144.7 217.1
115 67.1 64.0 96.0

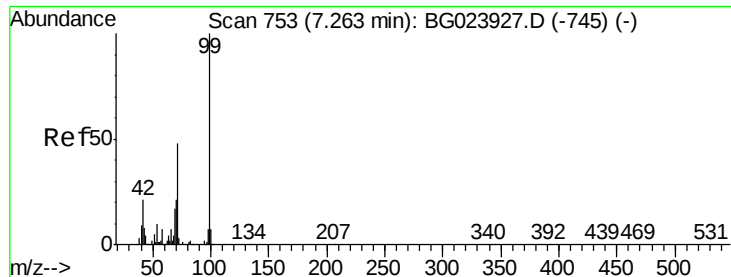


#5

2-Fluorophenol
Concen: 80.59 ng
RT: 5.60 min Scan# 471
Delta R.T. -0.04 min
Lab File: BG024029.D
Acq: 19 Sep 2016 22:05

Tgt Ion:112 Resp: 166211
Ion Ratio Lower Upper
112 100
64 75.7 59.0 88.4
63 48.7 37.8 56.8





#7

Phenol-d6

Concen: 49.22 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024029.D

Acq: 19 Sep 2016 22:05

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-6DUP

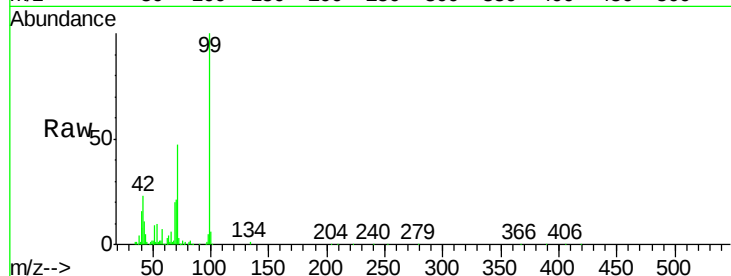
Tgt Ion: 99 Resp: 156266

Ion Ratio Lower Upper

99 100

42 22.5 17.8 26.6

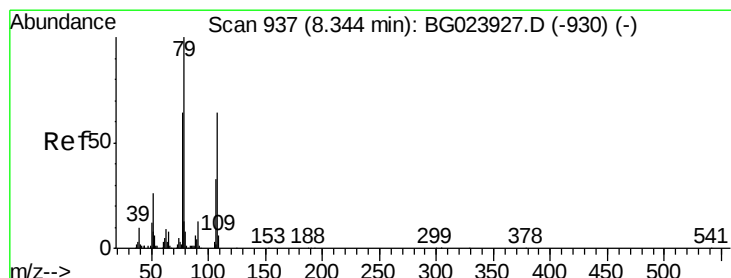
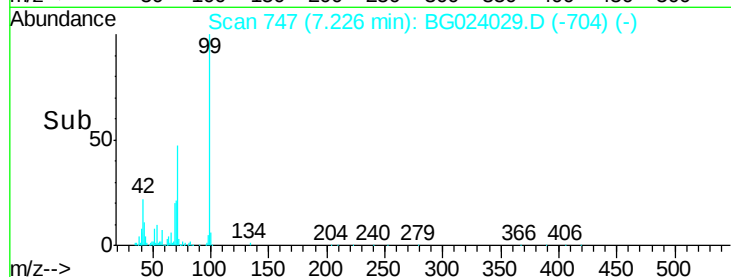
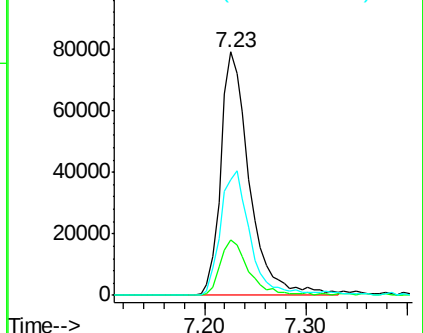
71 47.5 41.5 62.3



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: 2.59 ng

RT: 8.37 min Scan# 942

Delta R.T. 0.01 min

Lab File: BG024029.D

Acq: 19 Sep 2016 22:05

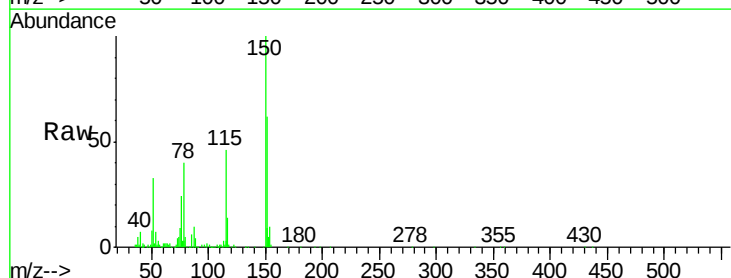
Tgt Ion: 79 Resp: 7259

Ion Ratio Lower Upper

79 100

108 36.0 46.5 69.7#

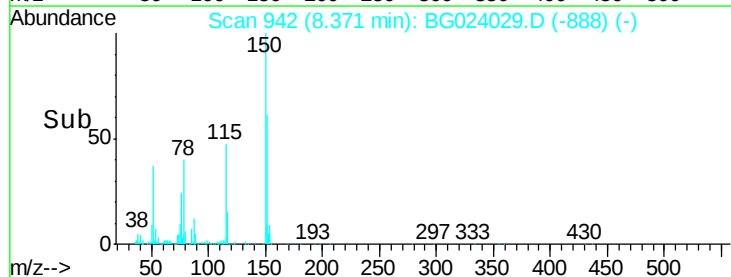
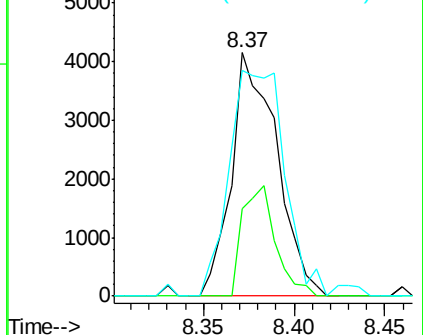
77 92.5 52.3 78.5#

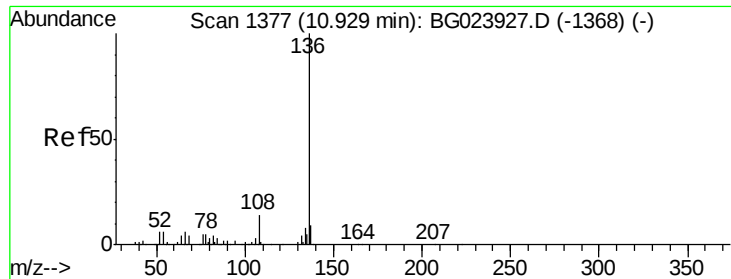


Abundance Ion 79.00 (78.70 to 79.70): BGC

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# 1371

Delta R.T. -0.04 min

Lab File: BG024029.D

Acq: 19 Sep 2016 22:05

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-6DUP

Tgt Ion:136 Resp: 161255

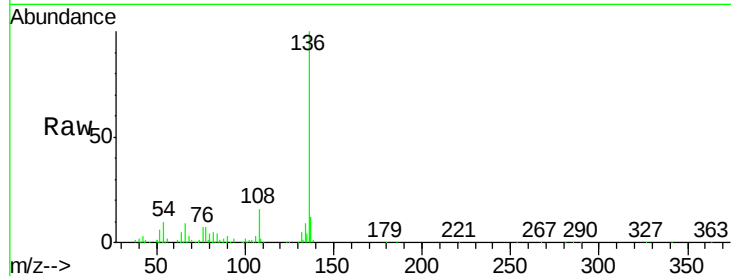
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 9.8 7.3 10.9

68 3.4 5.3 7.9#

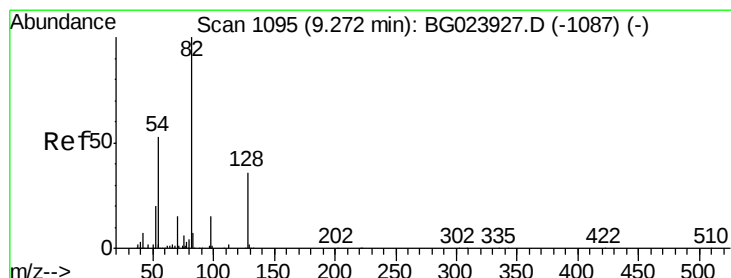
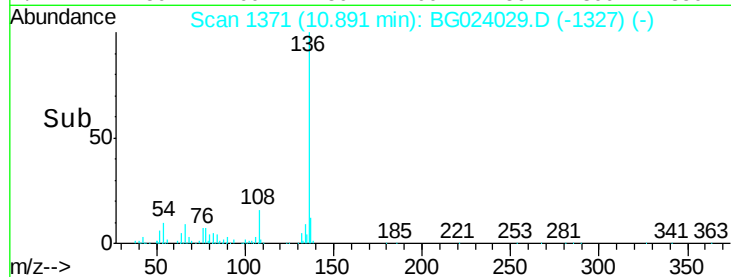
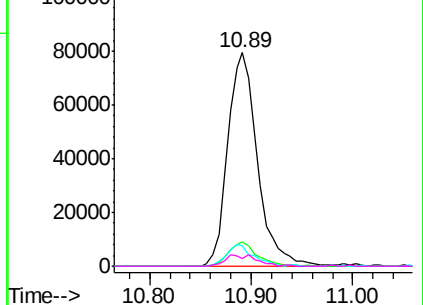


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 116.45 ng

RT: 9.23 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BG024029.D

Acq: 19 Sep 2016 22:05

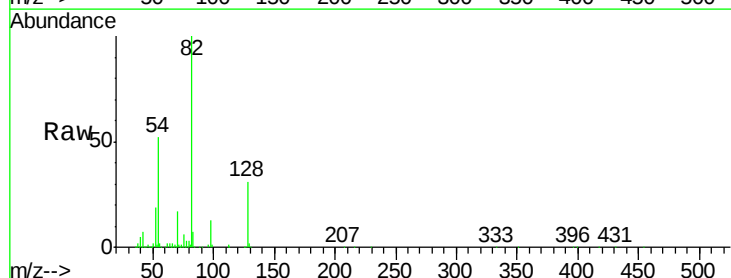
Tgt Ion: 82 Resp: 420609

Ion Ratio Lower Upper

82 100

128 31.2 24.4 36.6

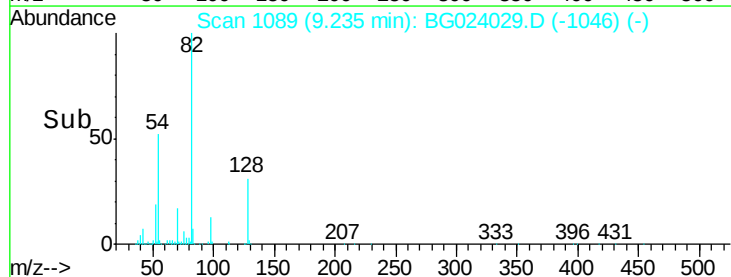
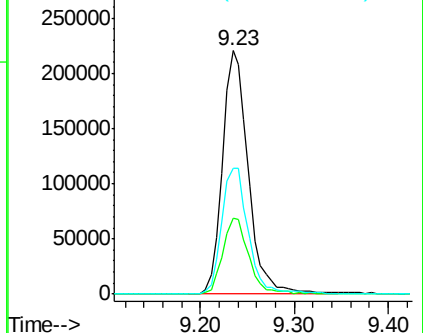
54 51.9 41.4 62.0

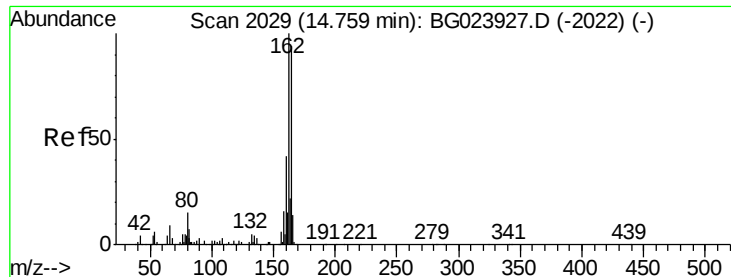


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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: BG024029.D

Acq: 19 Sep 2016 22:05

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-6DUP

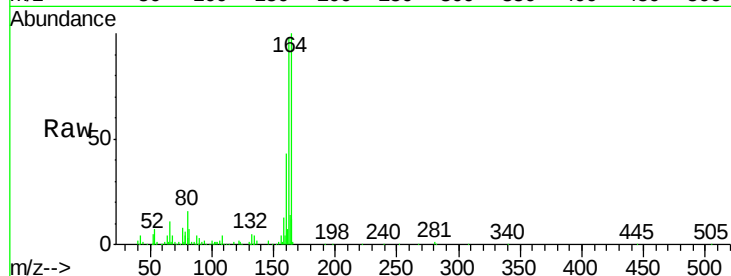
Tgt Ion:164 Resp: 135957

Ion Ratio Lower Upper

164 100

162 97.7 87.7 131.5

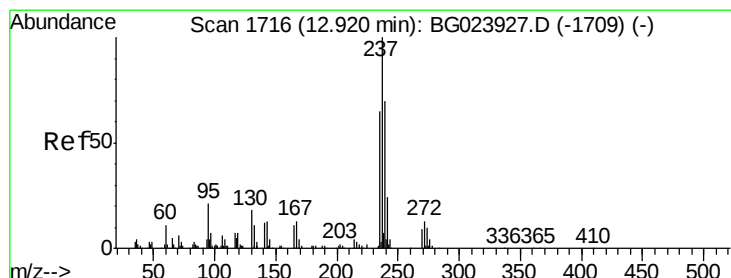
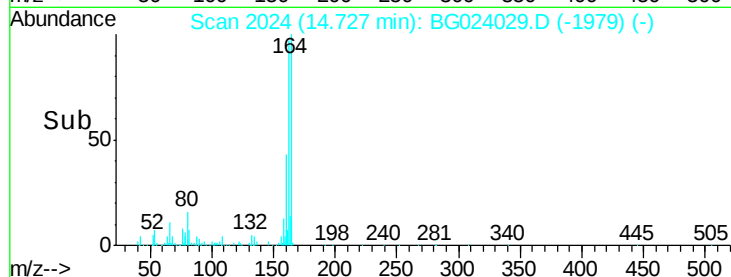
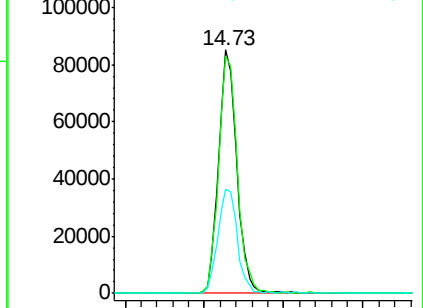
160 43.0 37.2 55.8



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: 7.11 ng

RT: 12.95 min Scan# 1722

Delta R.T. 0.03 min

Lab File: BG024029.D

Acq: 19 Sep 2016 22:05

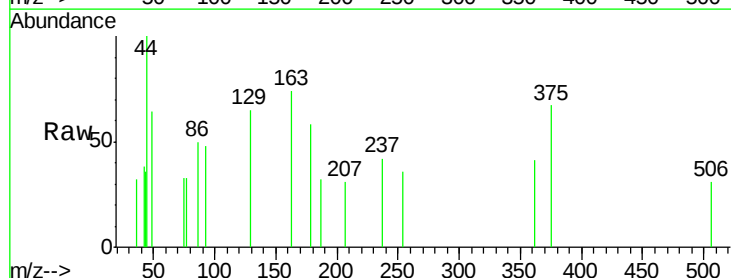
Tgt Ion:237 Resp: 73

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

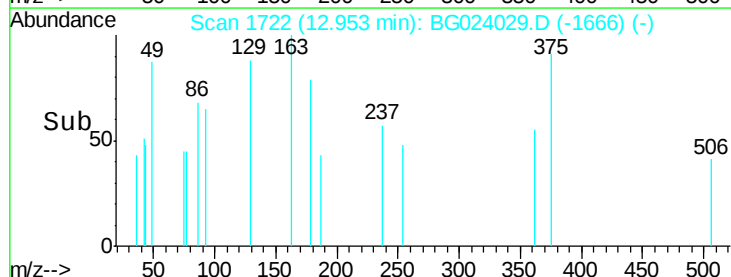
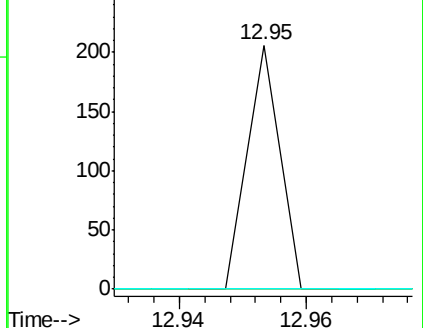
272 0.0 0.0 30.9

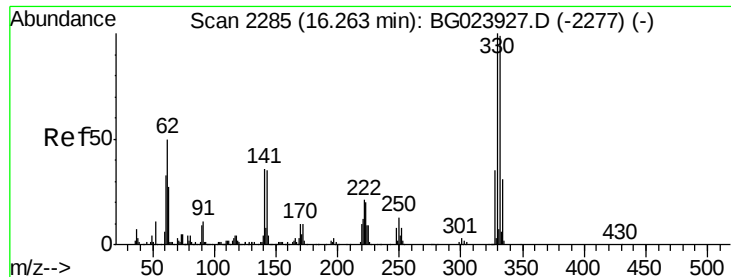


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

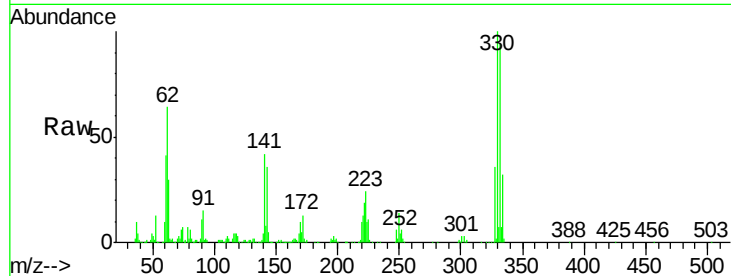




#41
 2,4,6-Tribromophenol
 Concen: 139.18 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG024029.D
 Acq: 19 Sep 2016 22:05

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-6DUP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	41.3	31.7	47.5

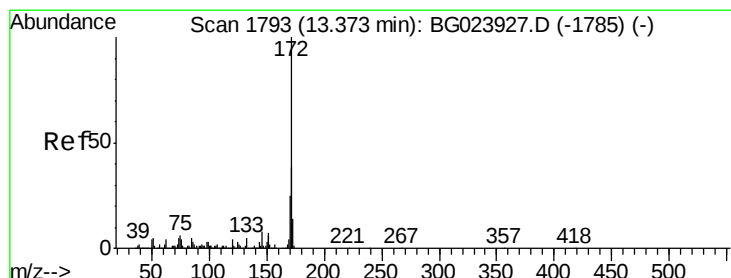
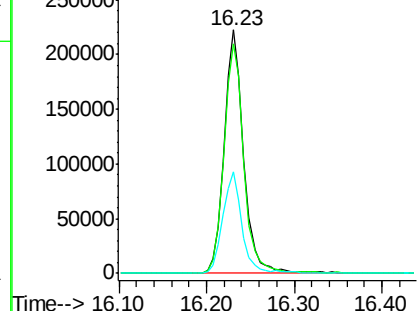
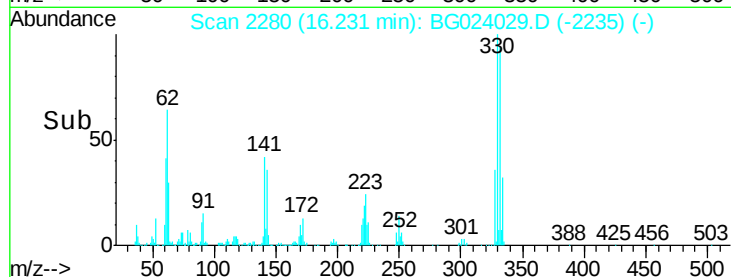


Abundance

Ion 329.80 (329.50 to 330.50): E

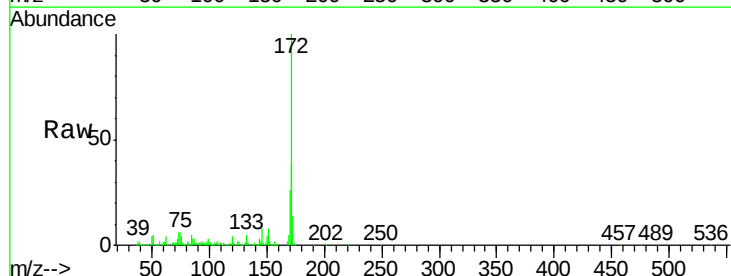
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.88 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.04 min
 Lab File: BG024029.D
 Acq: 19 Sep 2016 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.6	47.4
170	26.5	21.3	31.9

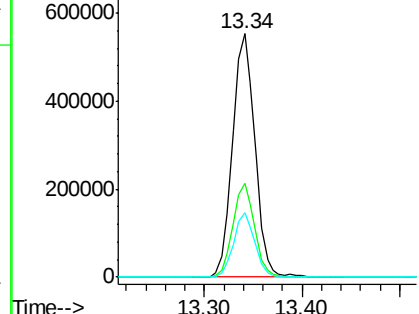
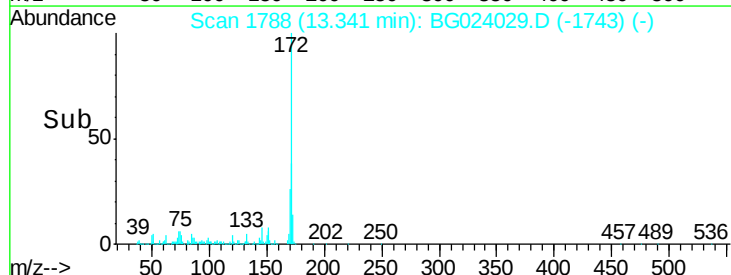


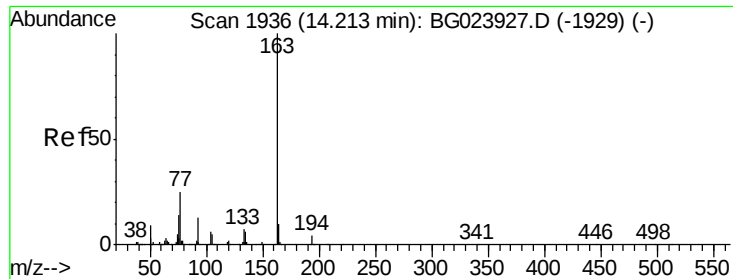
Abundance

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: 3.72 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG024029.D

Acq: 19 Sep 2016 22:05

Instrument :

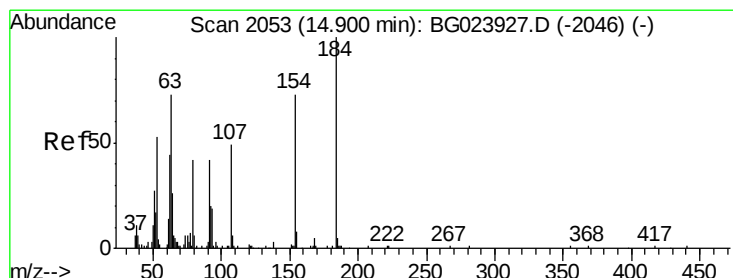
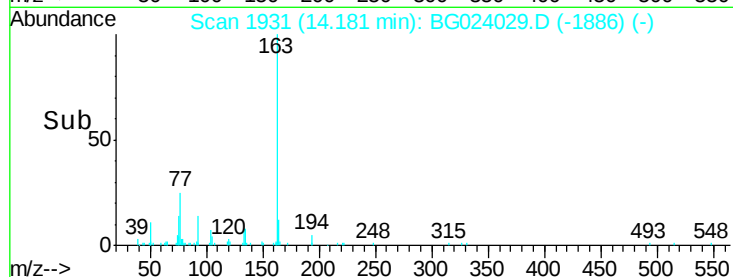
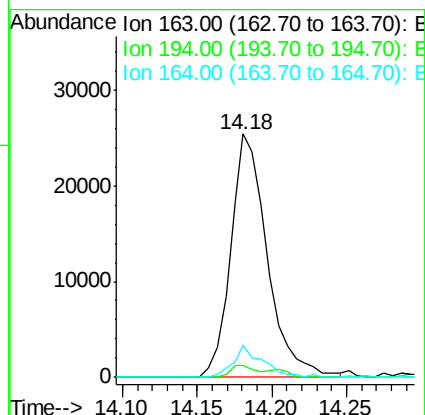
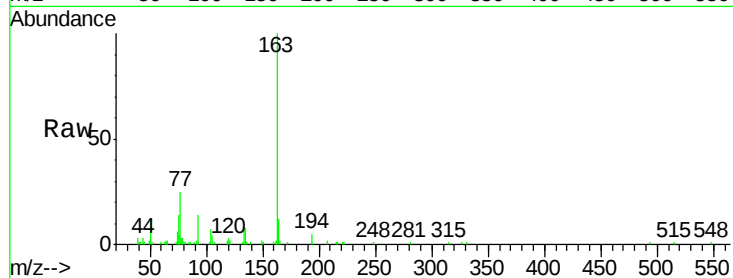
BNA_G

ClientSampleId :

YORK-MWP7-6DUP

Tgt Ion:163 Resp: 43311

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	13.3	8.1	12.1#



#53

2,4-Dinitrophenol

Concen: 6.54 ng

RT: 14.83 min Scan# 2041

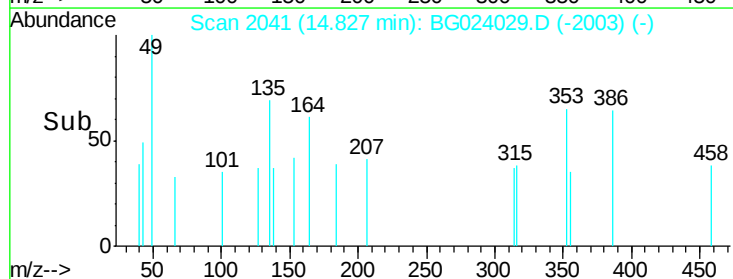
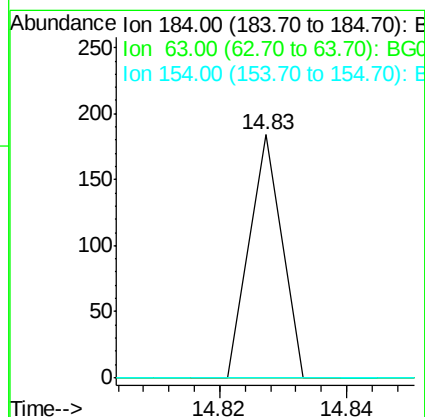
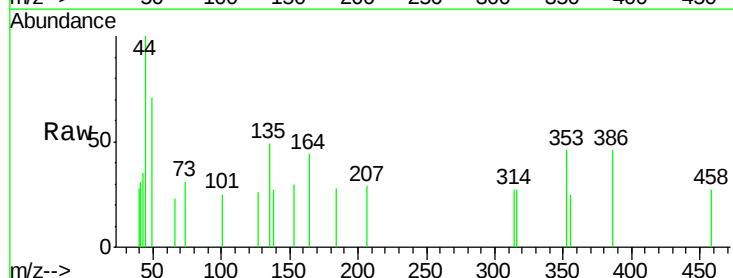
Delta R.T. -0.08 min

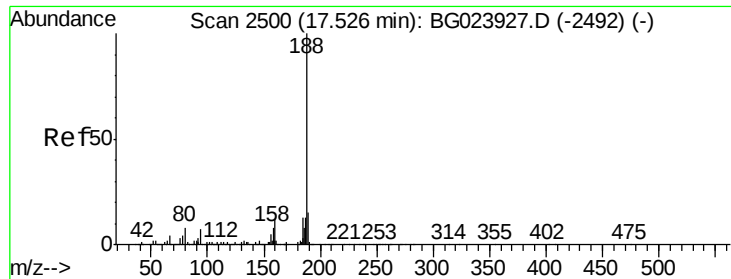
Lab File: BG024029.D

Acq: 19 Sep 2016 22:05

Tgt Ion:184 Resp: 65

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2495

Delta R.T. -0.03 min

Lab File: BG024029.D

Acq: 19 Sep 2016 22:05

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-6DUP

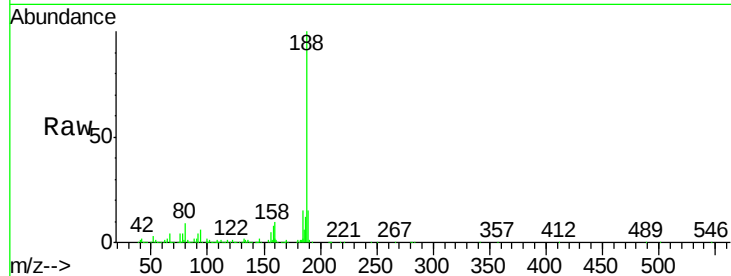
Tgt Ion:188 Resp: 339516

Ion Ratio Lower Upper

188 100

94 5.6 5.2 7.8

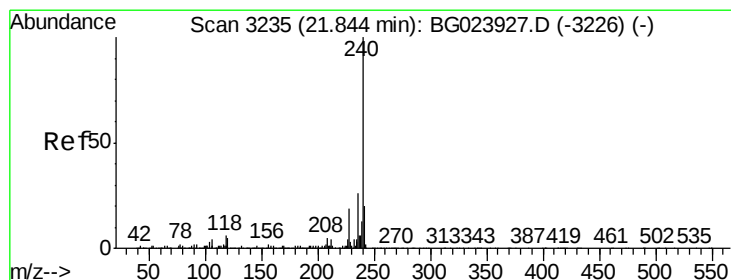
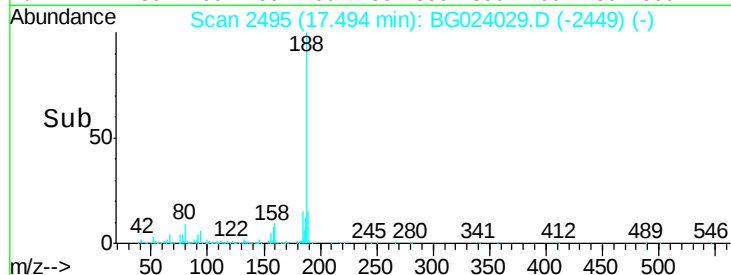
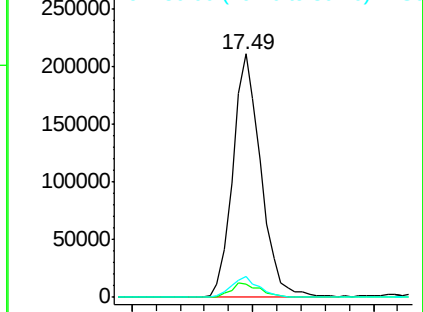
80 8.6 7.2 10.8



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: BG024029.D

Acq: 19 Sep 2016 22:05

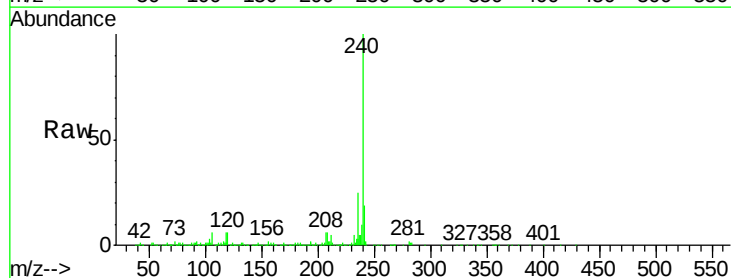
Tgt Ion:240 Resp: 404804

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

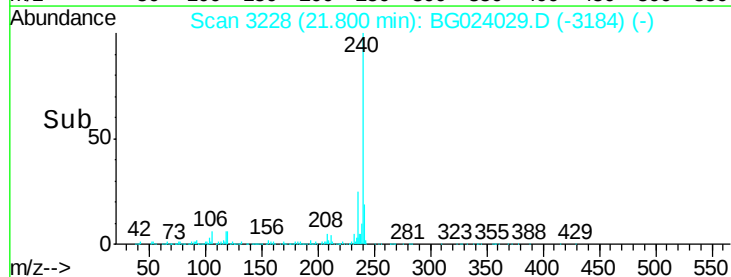
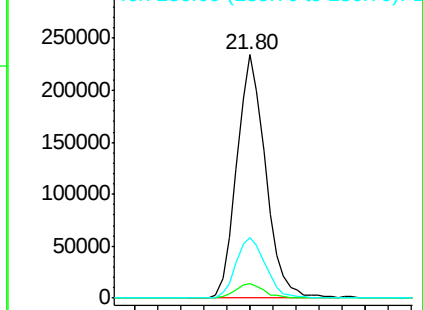
236 24.6 21.1 31.7

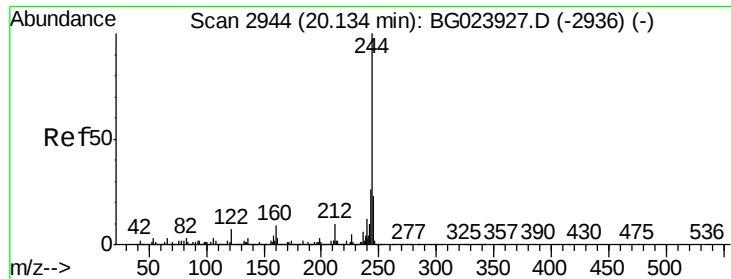


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.63 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024029.D

Acq: 19 Sep 2016 22:05

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-6DUP

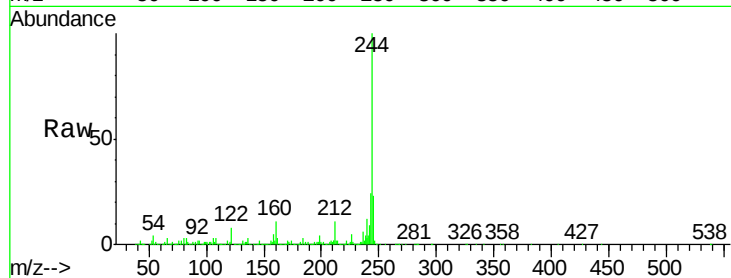
Tgt Ion:244 Resp: 1682087

Ion Ratio Lower Upper

244 100

212 10.7 10.8 16.2#

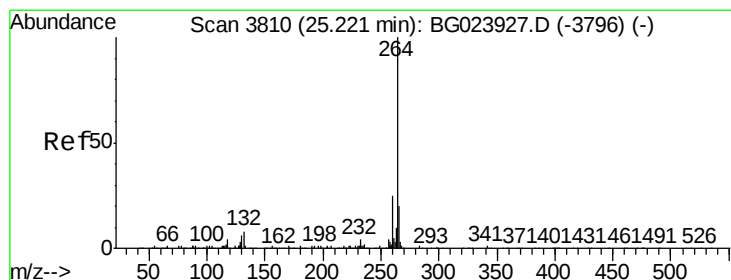
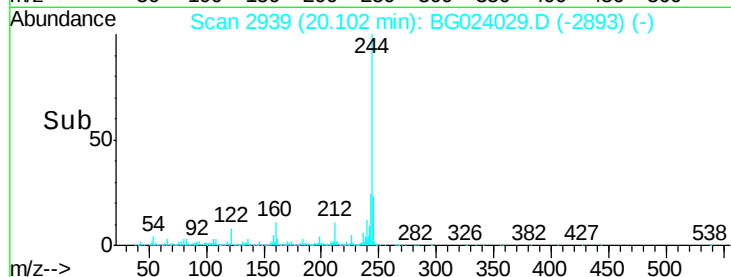
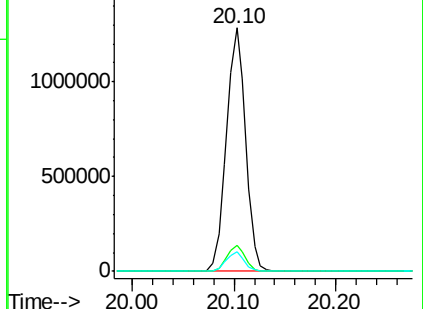
122 8.0 8.0 12.0#



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: BG024029.D

Acq: 19 Sep 2016 22:05

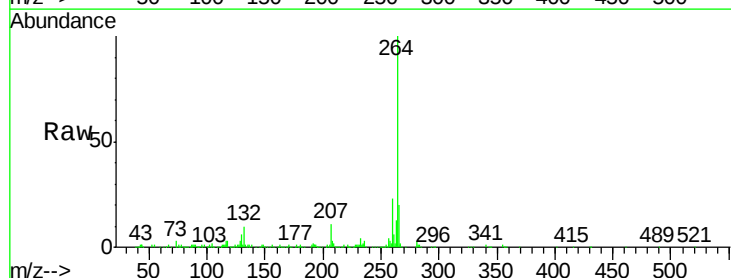
Tgt Ion:264 Resp: 404439

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 20.0 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

