

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
 Data File : BG024027.D
 Acq On : 19 Sep 2016 20:48
 Operator : UM/SJ
 Sample : H4819-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MW11-04

Quant Time: Sep 20 00:55:17 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

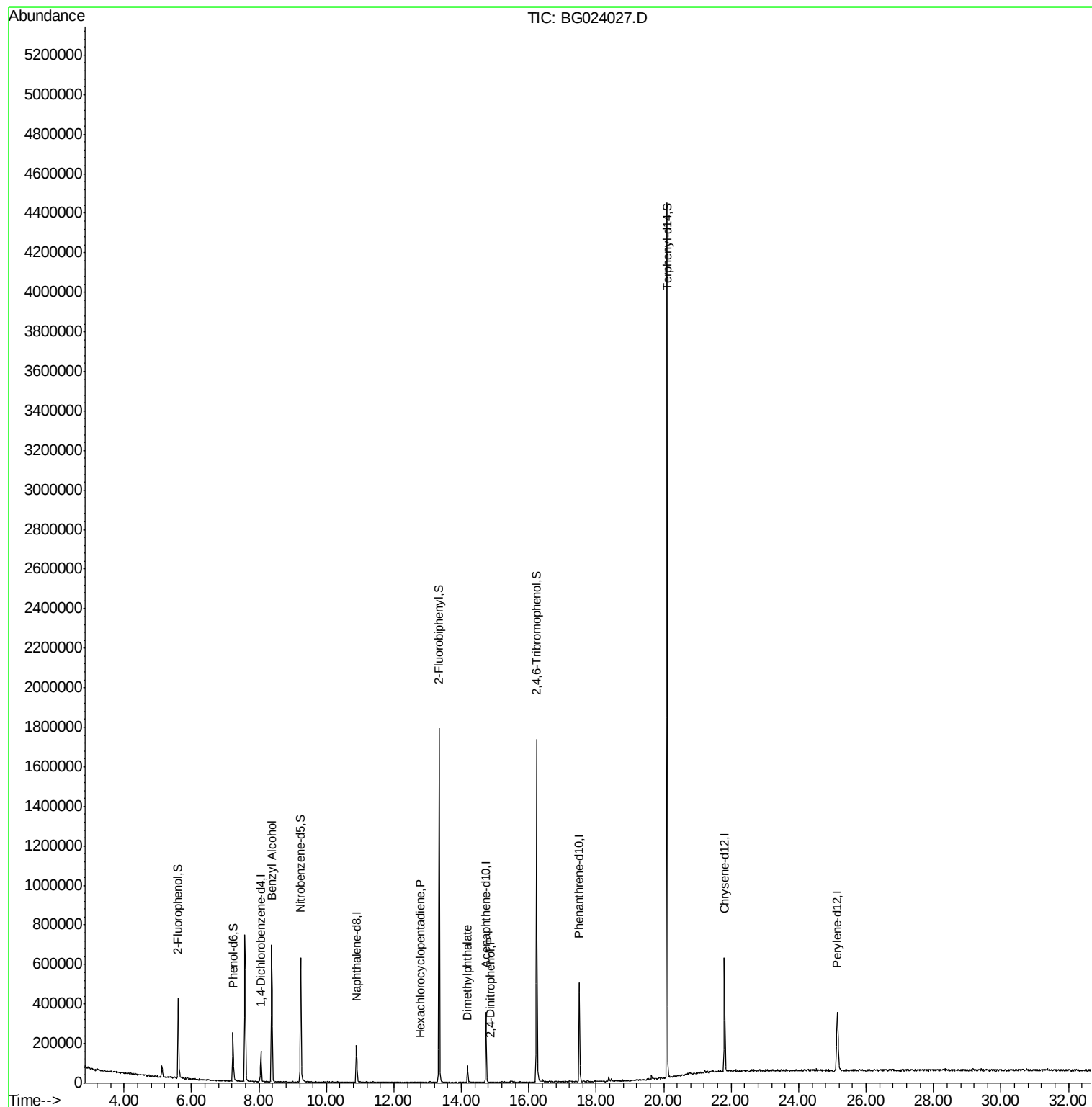
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35115	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	155569	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	130675	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	318623	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	387474	20.00	ng	-0.04
86) Perylene-d12	25.14	264	381241	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	156604	78.30	ng	-0.04
7) Phenol-d6	7.23	99	140354	45.59	ng	-0.05
23) Nitrobenzene-d5	9.24	82	401720	115.28	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	317682	134.93	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	833797	91.48	ng	-0.04
78) Terphenyl-d14	20.10	244	1685341	99.06	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.38	79	6738	2.48	ng	# 75
40) Hexachlorocyclopentadiene	12.77	237	199	7.15	ng	# 26
49) Dimethylphthalate	14.18	163	56022	5.00	ng	# 98
53) 2,4-Dinitrophenol	14.85	184	82	6.55	ng	# 10

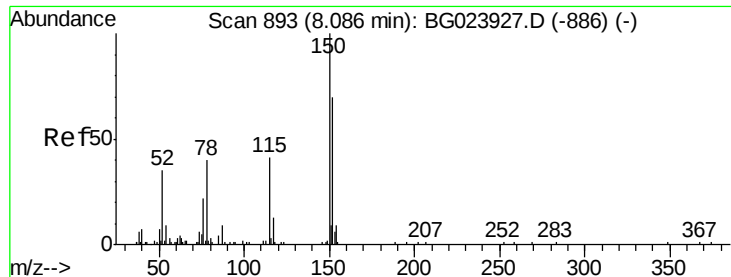
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
Data File : BG024027.D
Acq On : 19 Sep 2016 20:48
Operator : UM/SJ
Sample : H4819-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-MW11-04

Quant Time: Sep 20 00:55:17 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.05 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-04

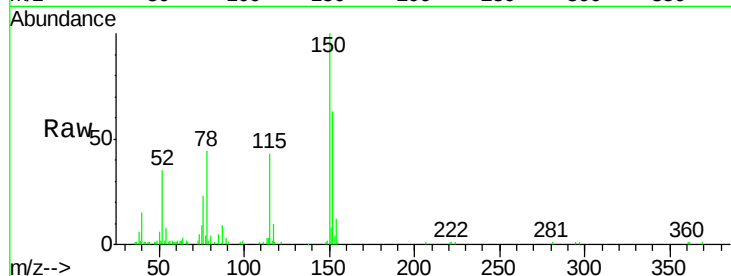
Tgt Ion:152 Resp: 35115

Ion Ratio Lower Upper

152 100

150 158.5 144.7 217.1

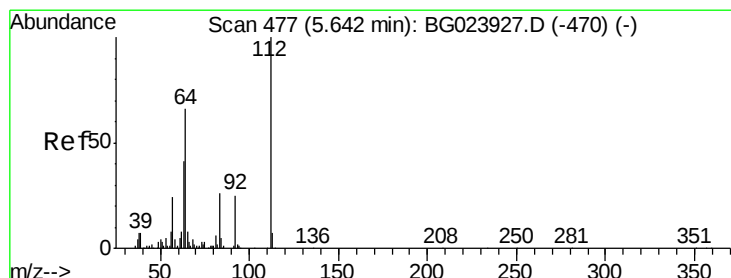
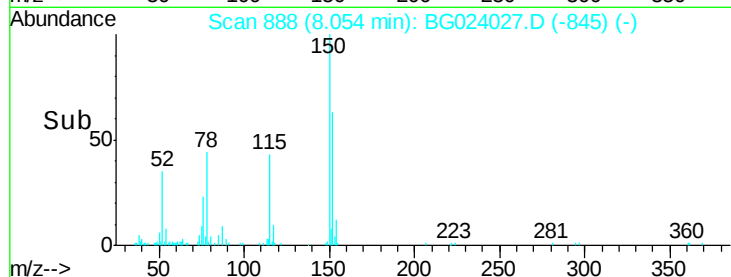
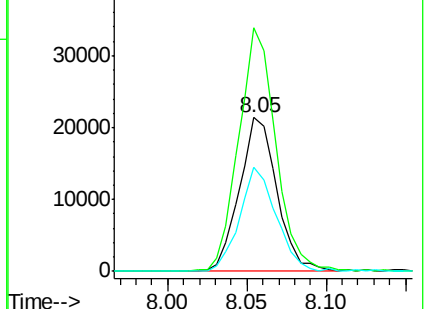
115 68.1 64.0 96.0



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: 78.30 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

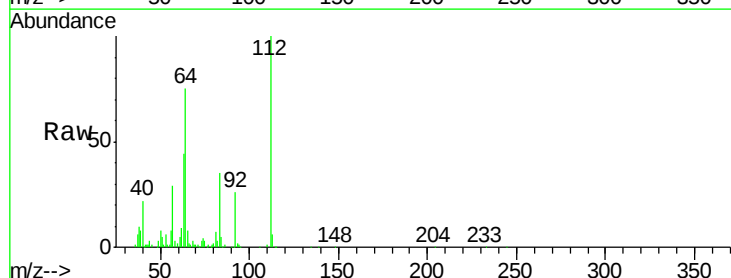
Tgt Ion:112 Resp: 156604

Ion Ratio Lower Upper

112 100

64 75.4 59.0 88.4

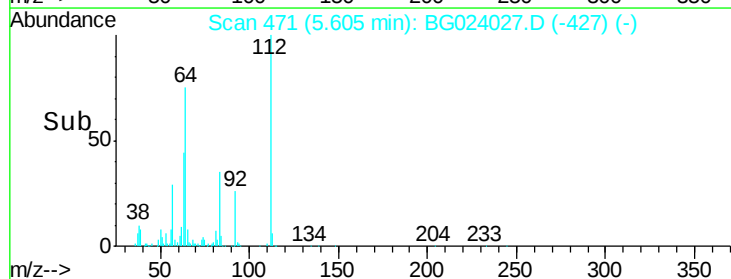
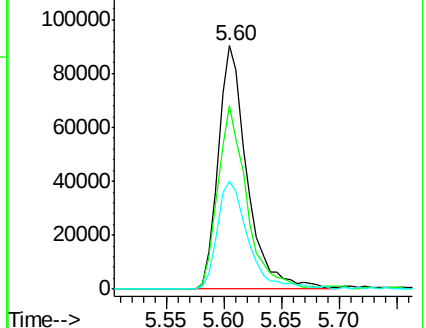
63 44.3 37.8 56.8

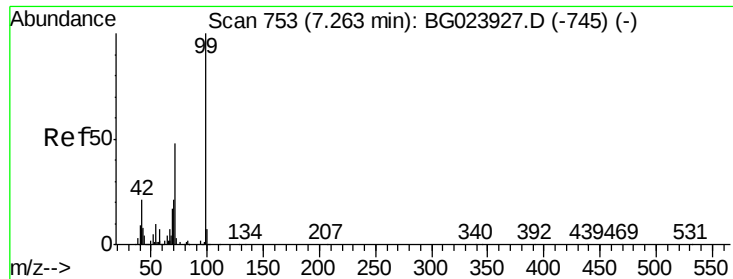


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 45.59 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-04

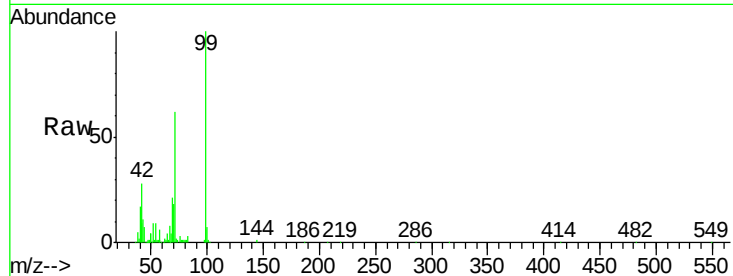
Tgt Ion: 99 Resp: 140354

Ion Ratio Lower Upper

99 100

42 27.6 17.8 26.6#

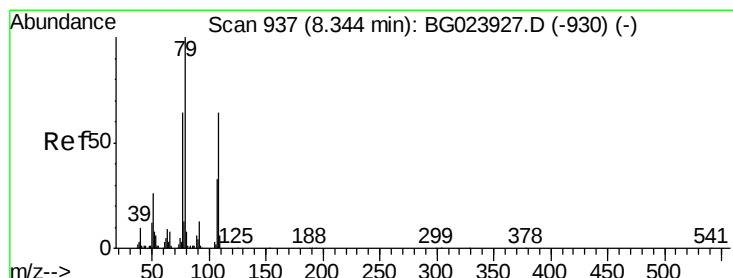
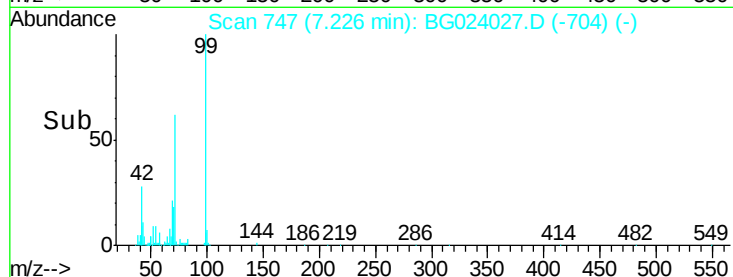
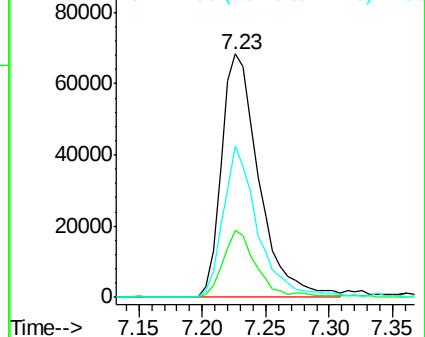
71 62.0 41.5 62.3



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: 2.48 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.02 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

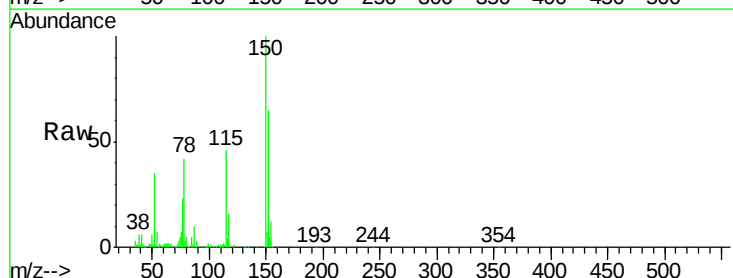
Tgt Ion: 79 Resp: 6738

Ion Ratio Lower Upper

79 100

108 38.9 46.5 69.7#

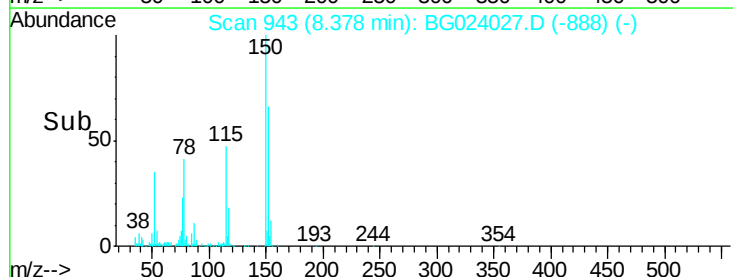
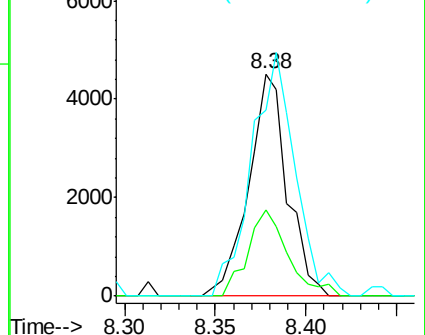
77 83.9 52.3 78.5#

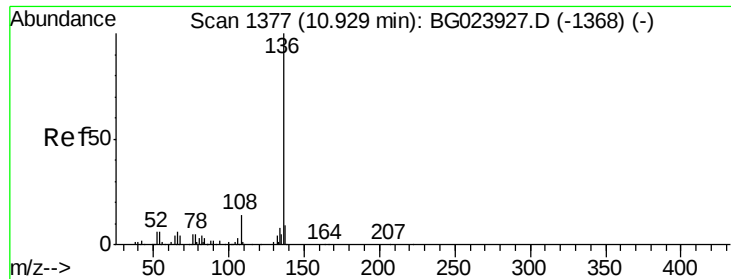


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

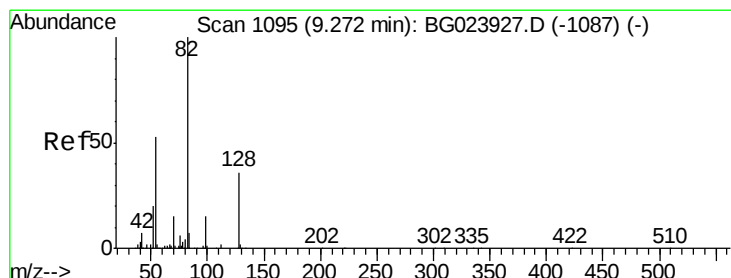
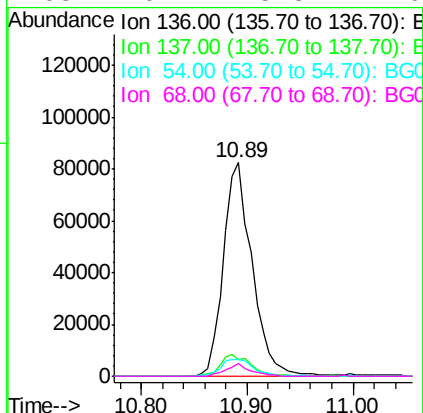
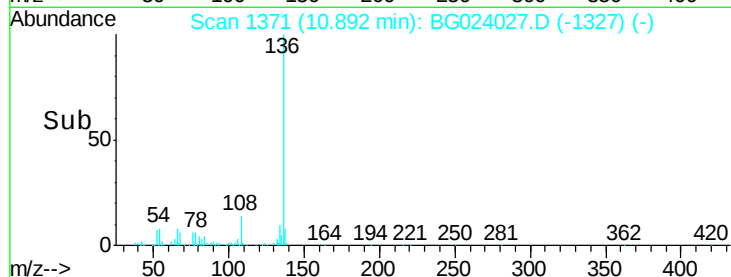
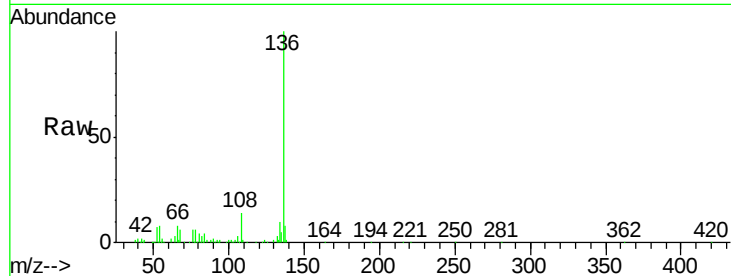




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.04 min
Lab File: BG024027.D
Acq: 19 Sep 2016 20:48

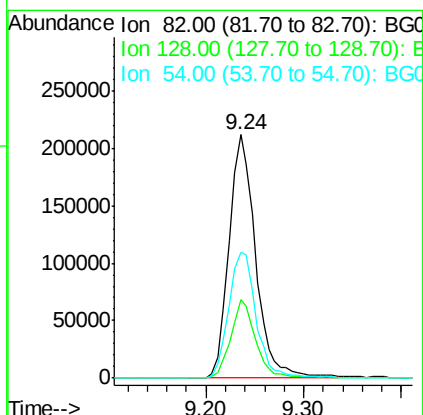
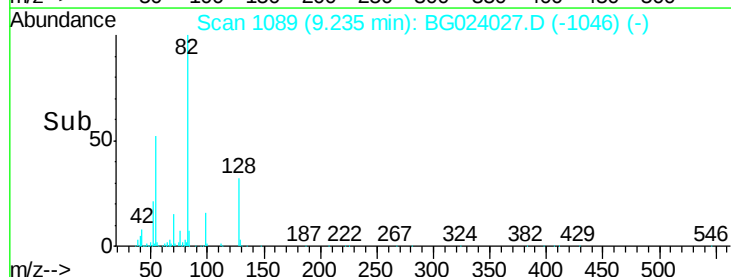
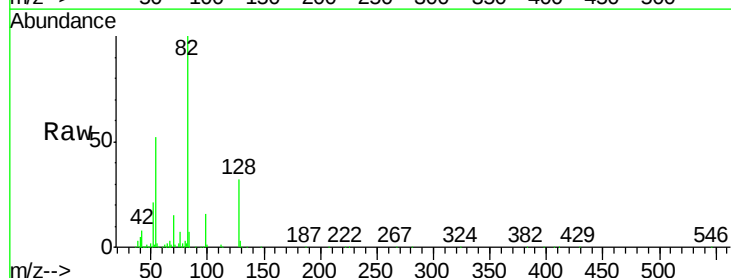
Instrument :
BNA_G
ClientSampleId :
YORK-MW11-04

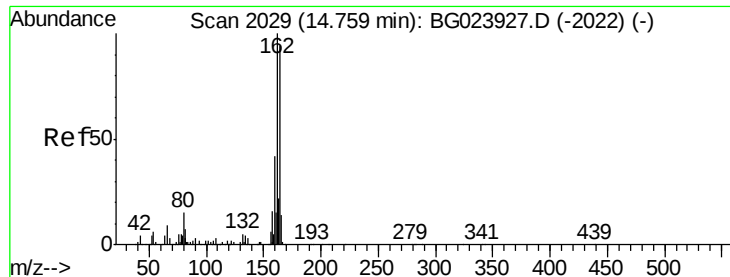
Tgt Ion:	136	Resp:	155569
Ion	Ratio	Lower	Upper
136	100		
137	8.1	9.6	14.4#
54	8.0	7.3	10.9
68	6.1	5.3	7.9



#23
Nitrobenzene-d5
Concen: 115.28 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG024027.D
Acq: 19 Sep 2016 20:48

Tgt Ion:	82	Resp:	401720
Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	51.9	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-04

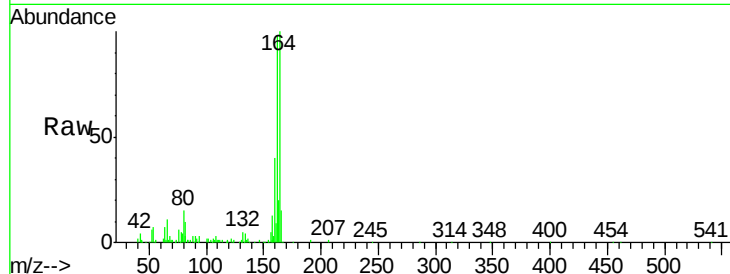
Tgt Ion:164 Resp: 130675

Ion Ratio Lower Upper

164 100

162 98.4 87.7 131.5

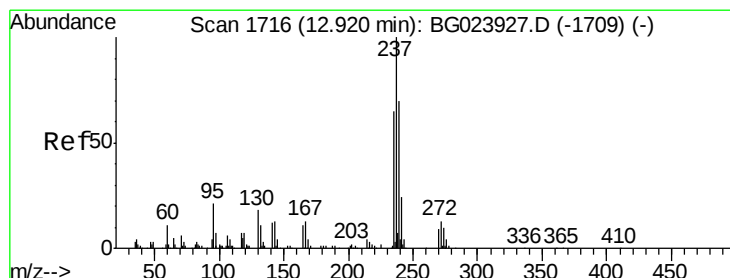
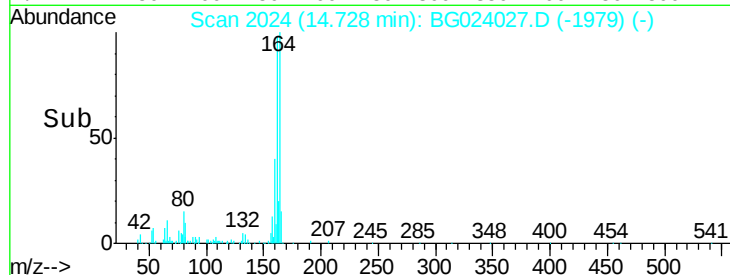
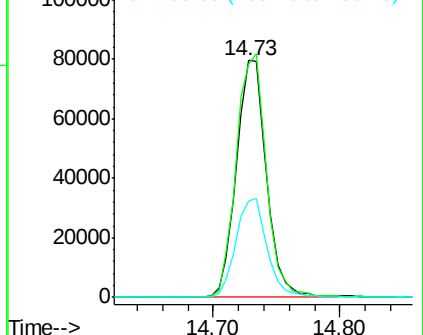
160 40.5 37.2 55.8



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: 7.15 ng

RT: 12.77 min Scan# 1690

Delta R.T. -0.16 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

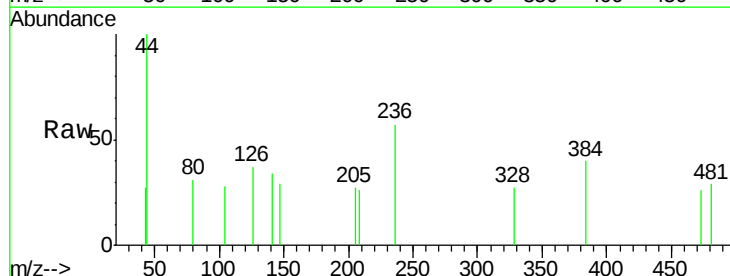
Tgt Ion:237 Resp: 199

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

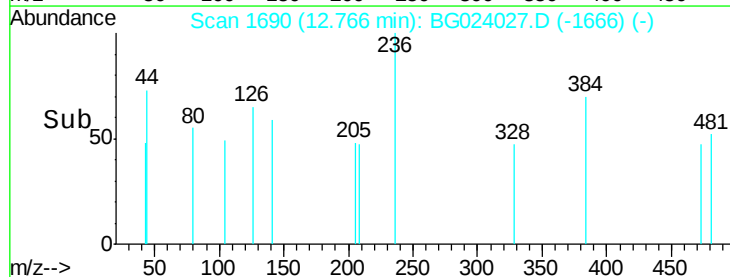
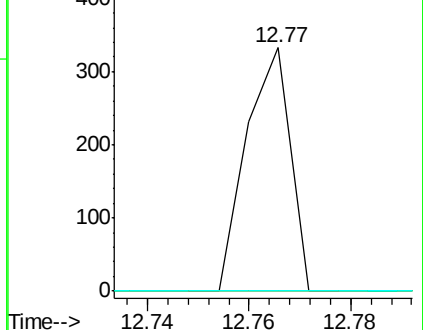
272 0.0 0.0 30.9

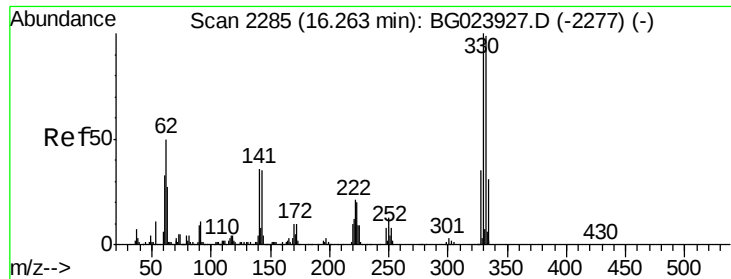


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

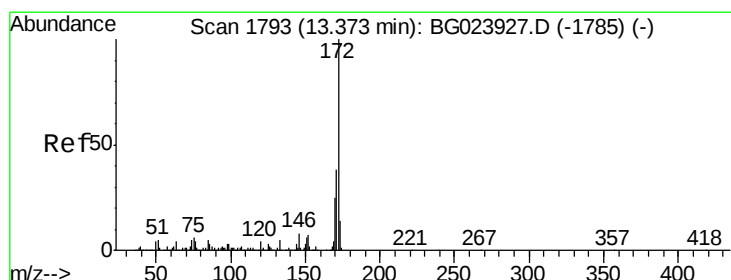
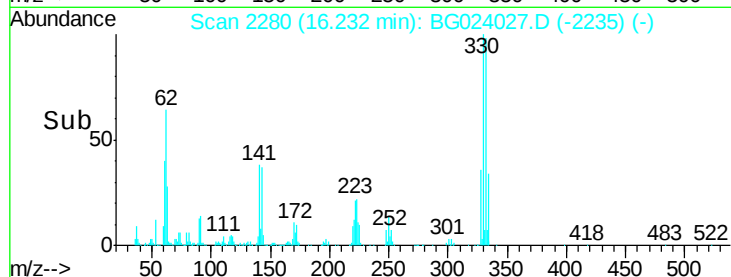
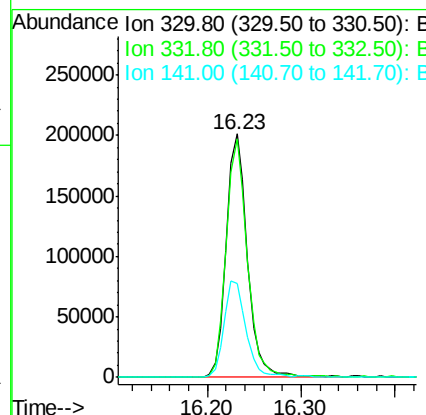
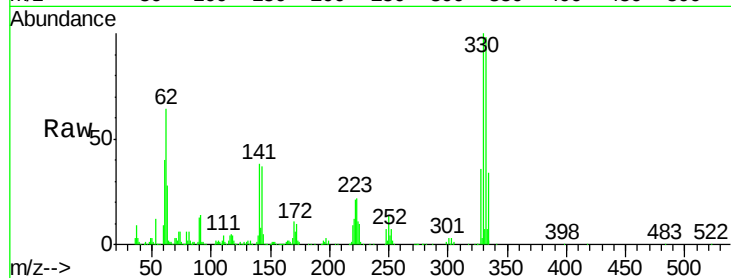




#41
 2,4,6-Tribromophenol
 Concen: 134.93 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG024027.D
 Acq: 19 Sep 2016 20:48

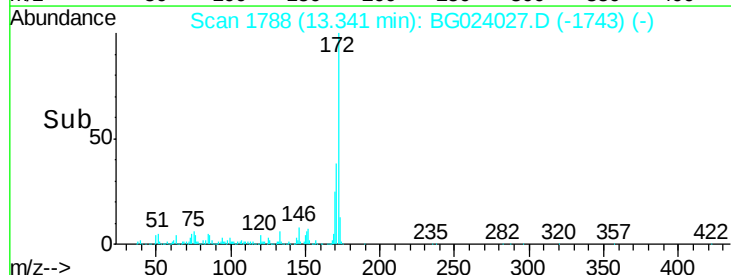
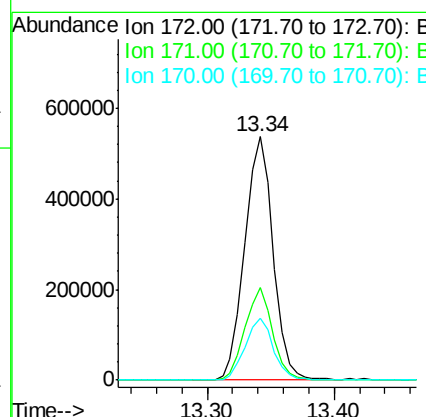
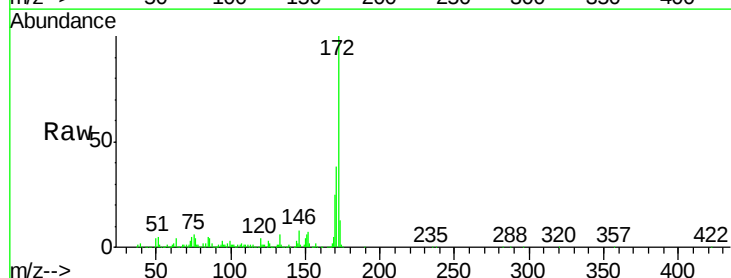
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MW11-04

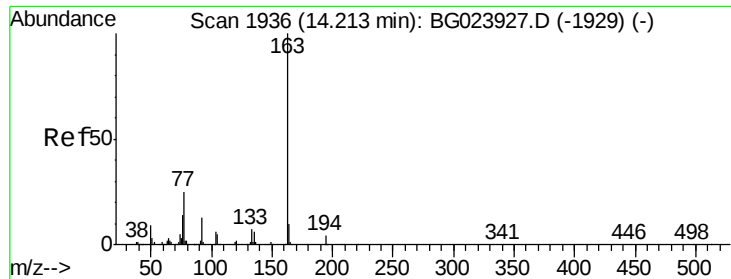
Tgt Ion:330 Resp: 317682
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 40.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 91.48 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.04 min
 Lab File: BG024027.D
 Acq: 19 Sep 2016 20:48

Tgt Ion:172 Resp: 833797
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.6 47.4
 170 25.5 21.3 31.9





#49

Dimethylphthalate

Concen: 5.00 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-04

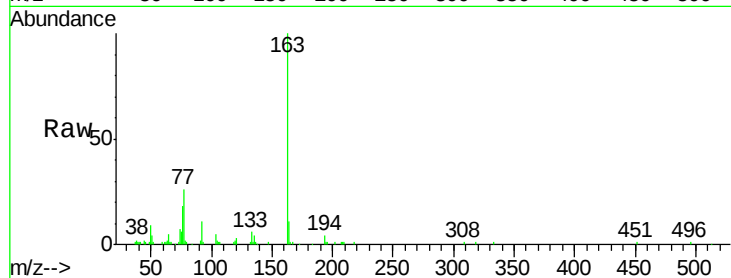
Tgt Ion:163 Resp: 56022

Ion Ratio Lower Upper

163 100

194 3.5 3.6 5.4#

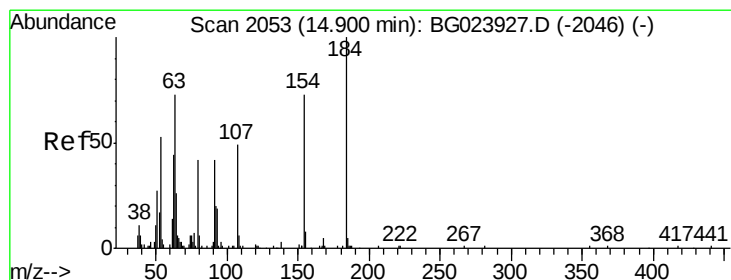
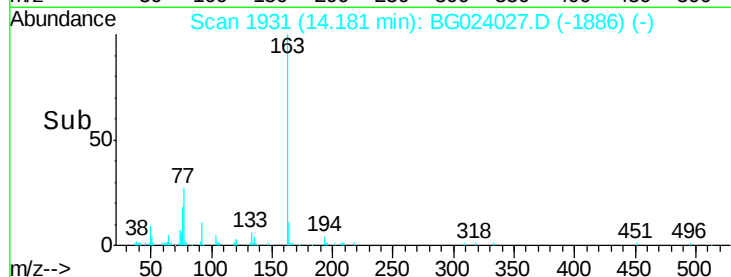
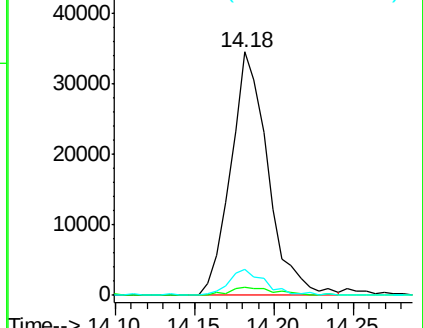
164 10.6 8.1 12.1



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: 6.55 ng

RT: 14.85 min Scan# 2045

Delta R.T. -0.06 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

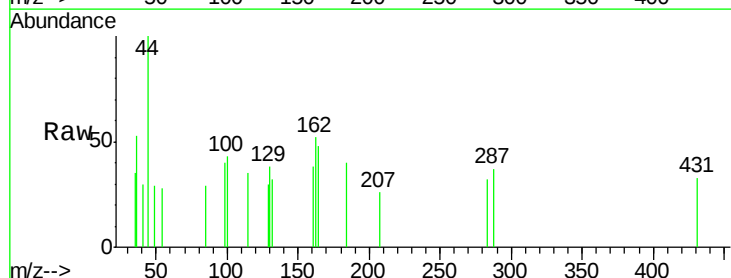
Tgt Ion:184 Resp: 82

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

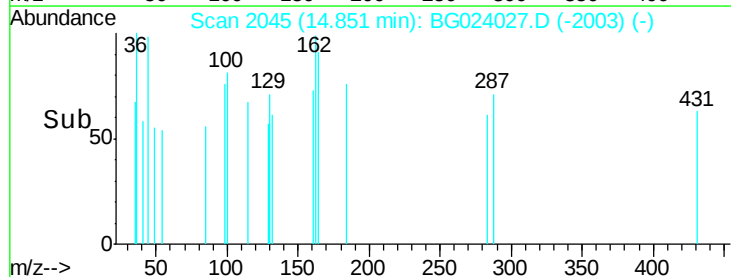
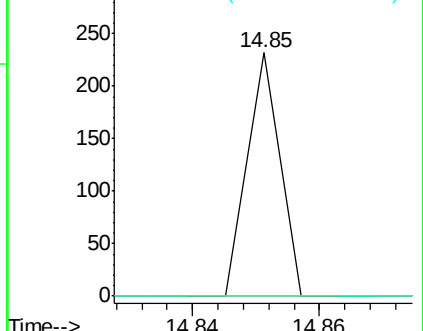
154 0.0 67.4 101.0#

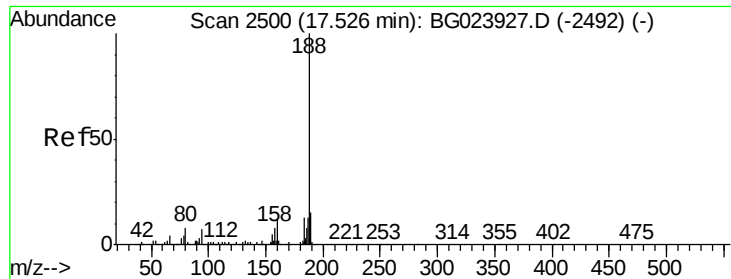


Abundance Ion 184.00 (183.70 to 184.70): E

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: 17.49 min Scan# 2495

Delta R.T. -0.03 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-04

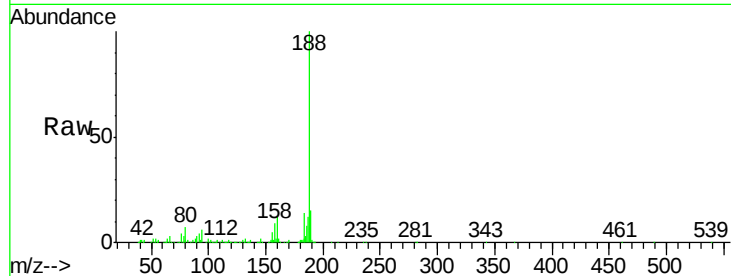
Tgt Ion:188 Resp: 318623

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

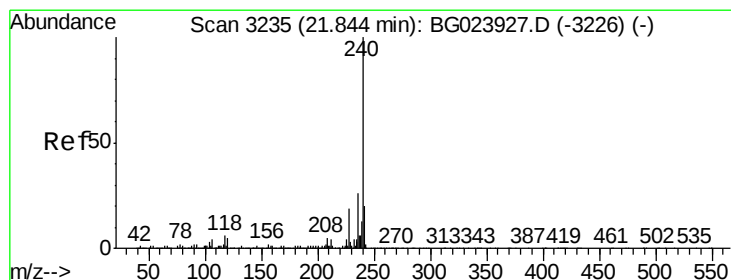
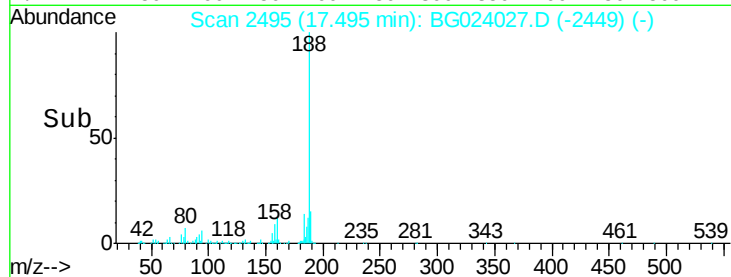
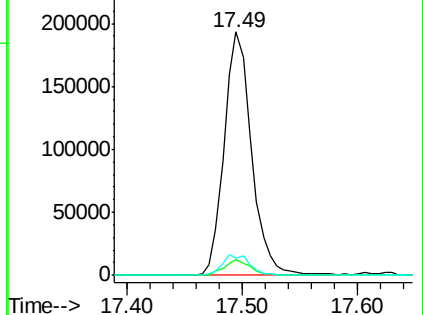
80 7.1 7.2 10.8#



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: BG024027.D

Acq: 19 Sep 2016 20:48

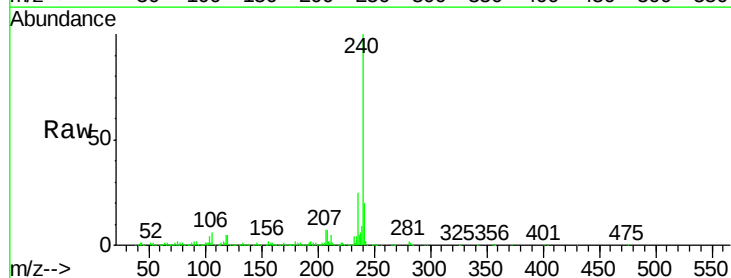
Tgt Ion:240 Resp: 387474

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

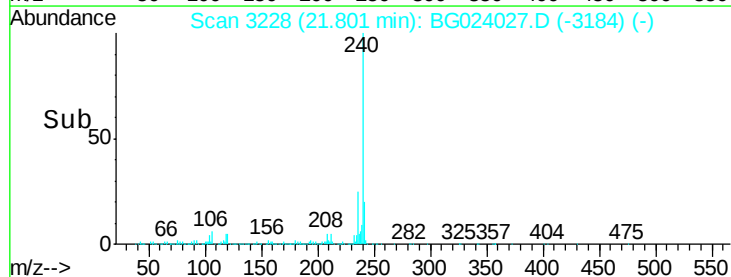
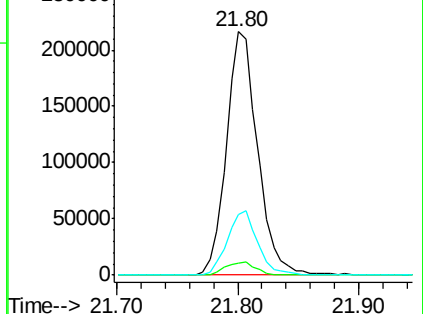
236 24.8 21.1 31.7

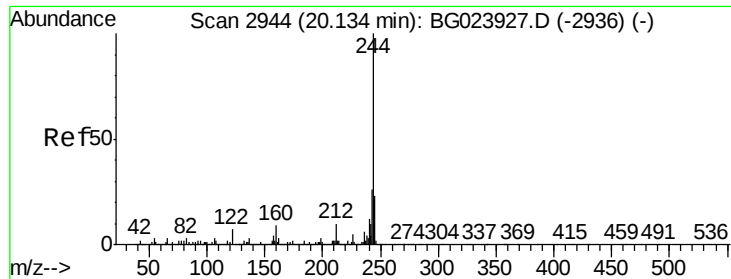


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.06 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-04

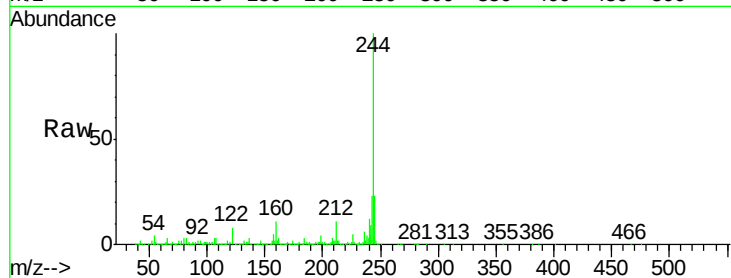
Tgt Ion:244 Resp: 1685341

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2#

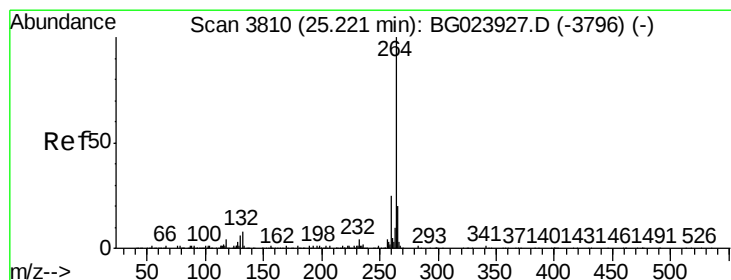
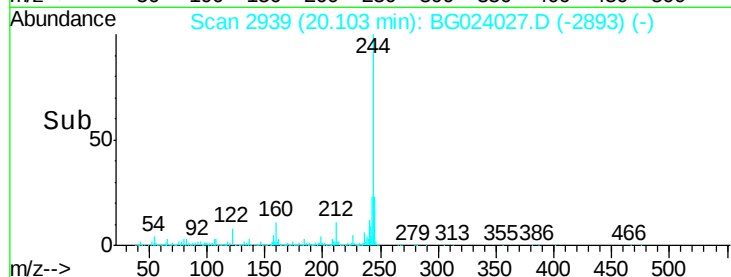
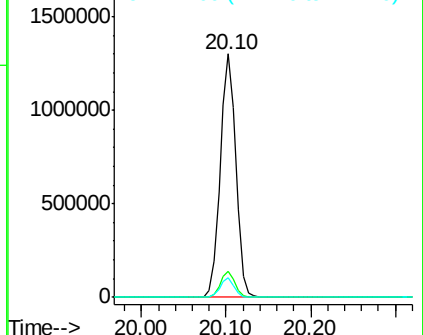
122 7.8 8.0 12.0#



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: 25.14 min Scan# 3797

Delta R.T. -0.07 min

Lab File: BG024027.D

Acq: 19 Sep 2016 20:48

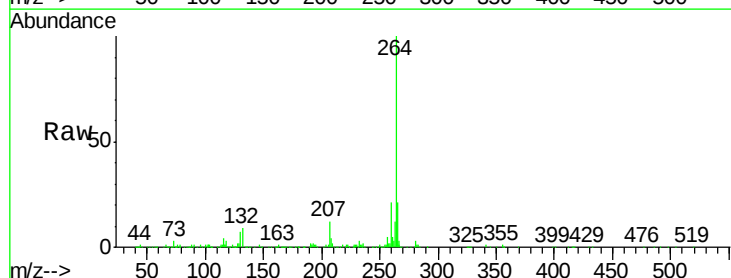
Tgt Ion:264 Resp: 381241

Ion Ratio Lower Upper

264 100

260 21.5 18.4 27.6

265 21.4 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

