

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
 Data File : BG024051.D
 Acq On : 21 Sep 2016 12:35
 Operator : UM/SJ
 Sample : H4820-21
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB3-02

Quant Time: Sep 21 14:48:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 19:01:00 2016
 Response via : Initial Calibration

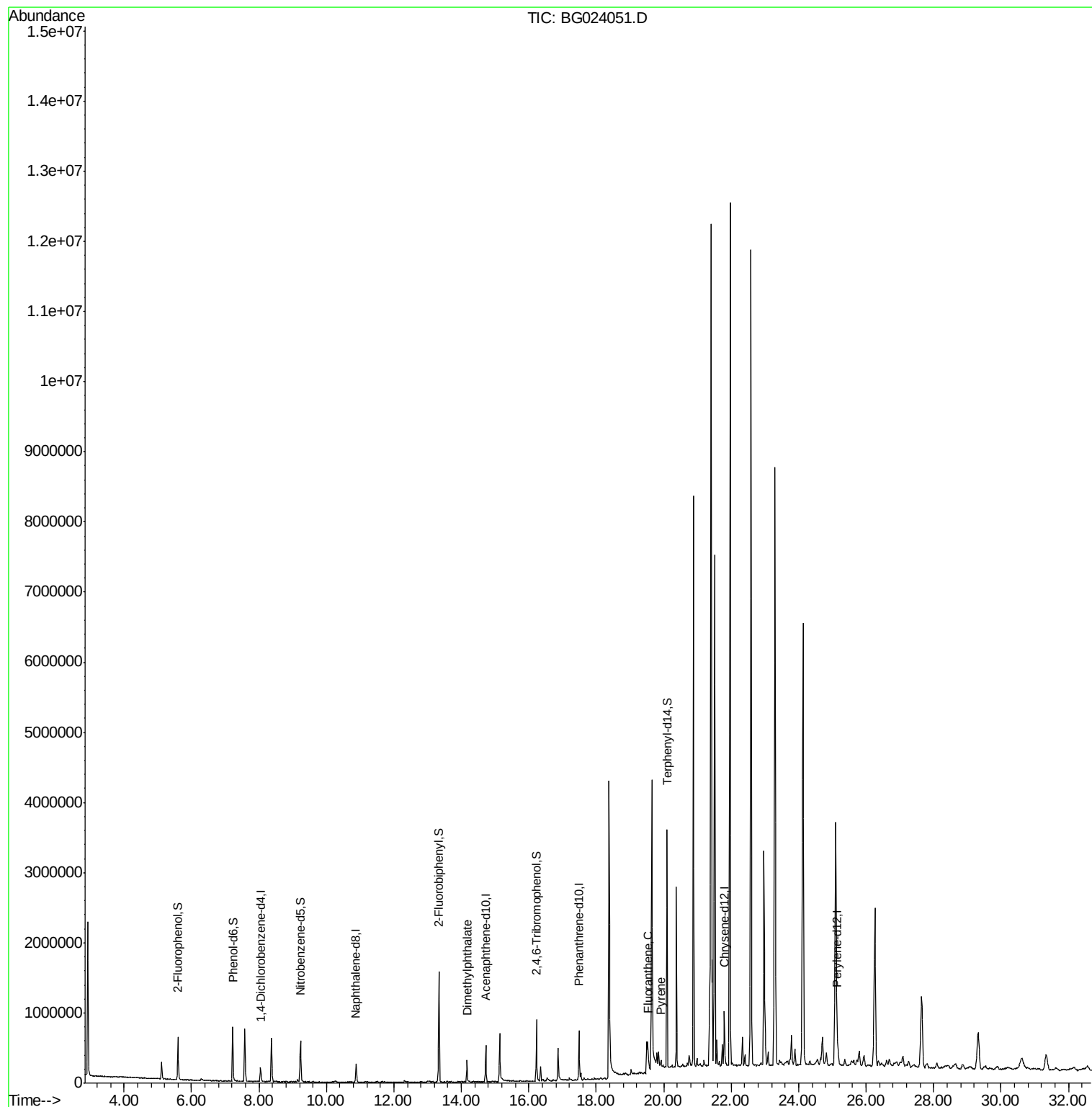
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49643	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	212322	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	177259	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	403800	20.00	ng	0.00
75) Chrysene-d12	21.79	240	438343	20.00	ng	-0.01
86) Perylene-d12	25.14	264	425305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	232004	82.05	ng	0.00
7) Phenol-d6	7.22	99	441772	101.50	ng	0.00
23) Nitrobenzene-d5	9.23	82	372815	78.39	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	153241	47.98	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	759091	61.40	ng	0.00
78) Terphenyl-d14	20.10	244	1287344	66.88	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.17	163	189057	12.44	ng	# 98
74) Fluoranthene	19.55	202	57746	2.28	ng	89
77) Pyrene	19.92	202	60802	2.26	ng	# 90

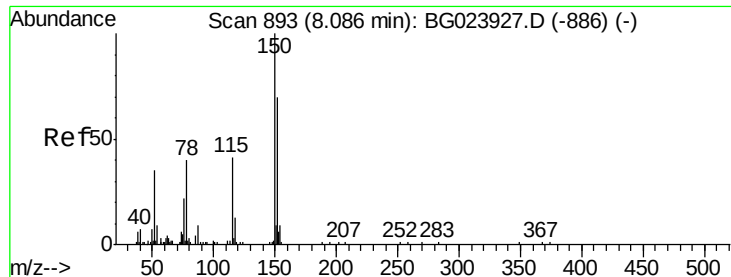
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

Instrument :

BNA_G

ClientSampleId :

YORK-SB3-02

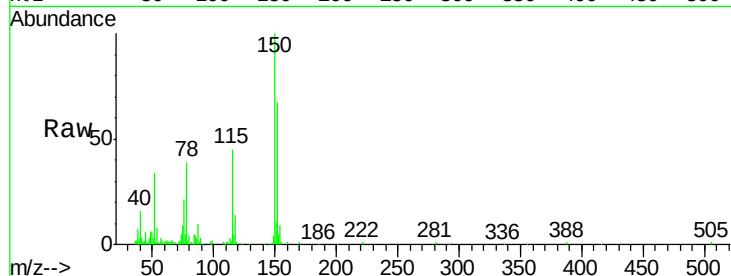
Tot Ion:152 Resp: 49643

Ion Ratio Lower Upper

152 100

150 148.7 144.7 217.1

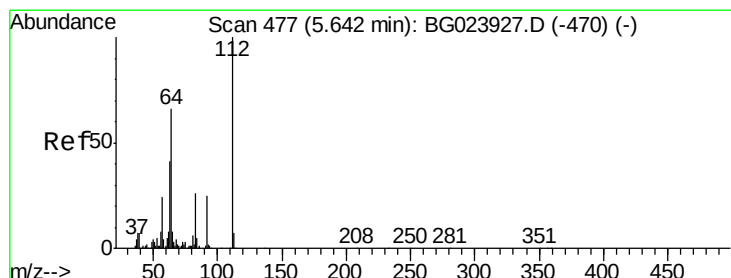
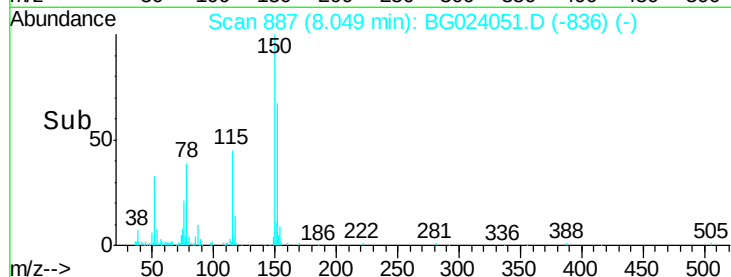
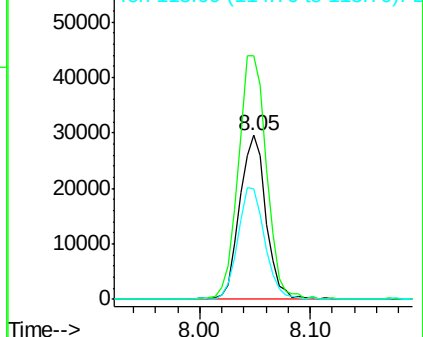
115 67.4 64.0 96.0



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: 82.05 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.01 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

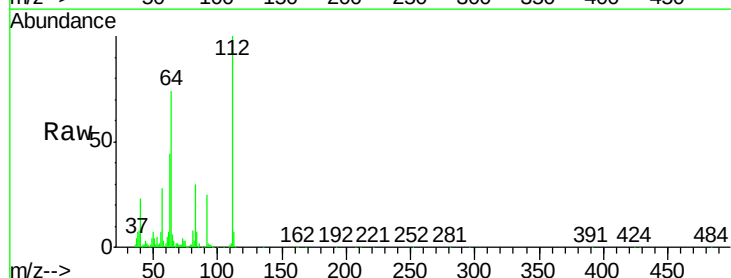
Tgt Ion:112 Resp: 232004

Ion Ratio Lower Upper

112 100

64 74.2 59.0 88.4

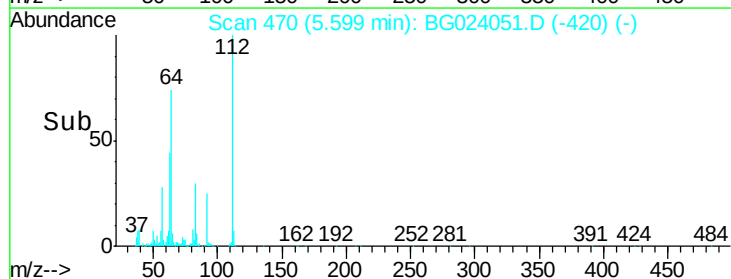
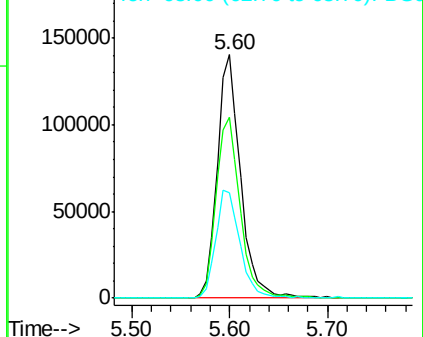
63 43.5 37.8 56.8

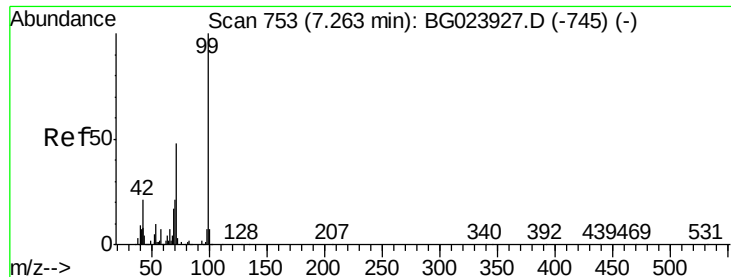


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 101.50 ng

RT: 7.22 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

Instrument :

BNA_G

ClientSampleId :

YORK-SB3-02

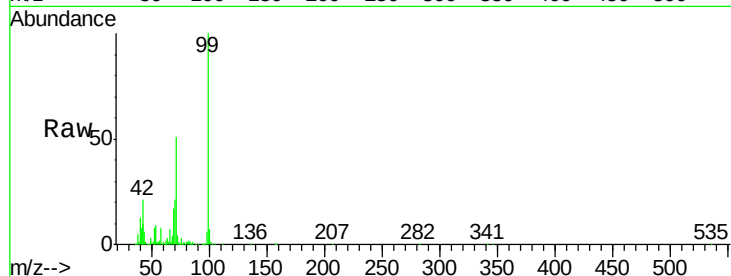
Tot Ion: 99 Resp: 441772

Ion Ratio Lower Upper

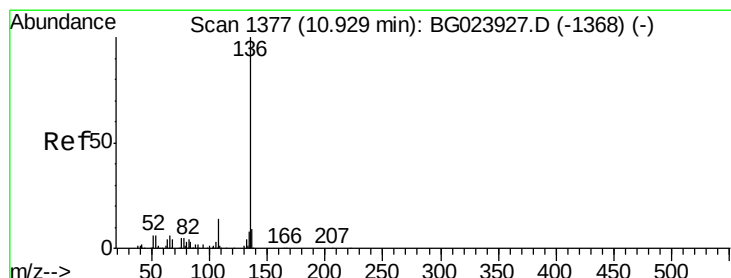
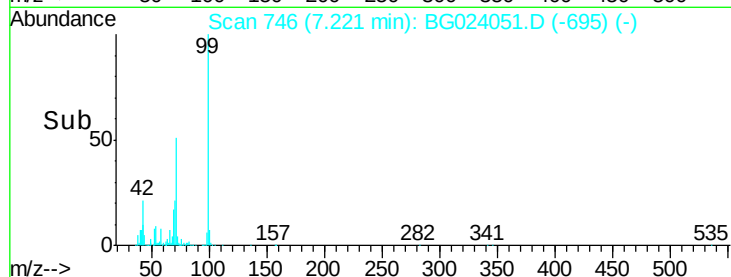
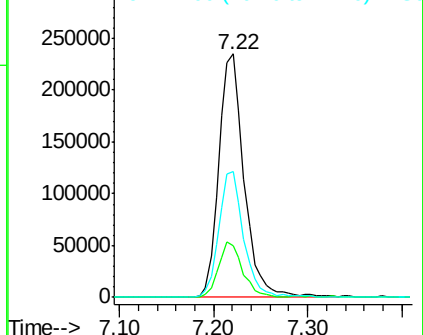
99 100

42 21.4 17.8 26.6

71 51.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

Tgt Ion: 136 Resp: 212322

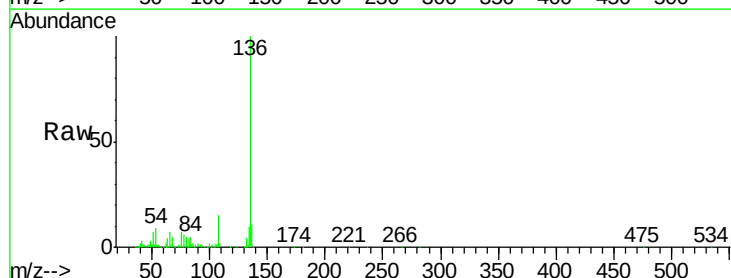
Ion Ratio Lower Upper

136 100

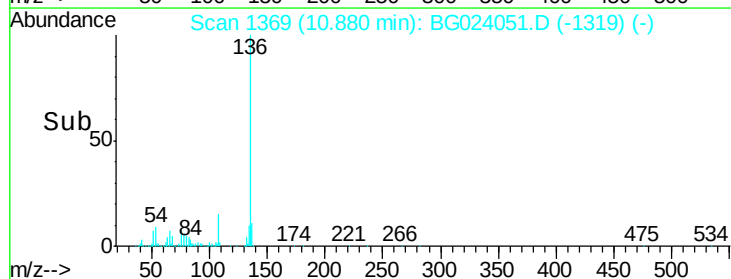
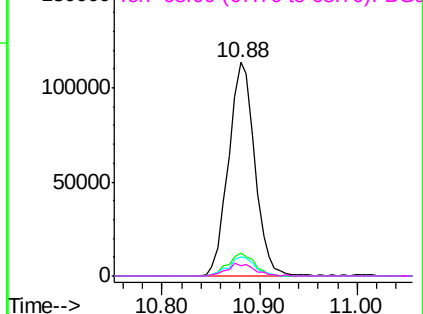
137 11.0 9.6 14.4

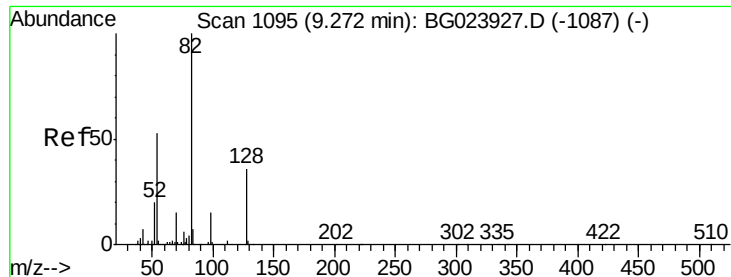
54 8.9 7.3 10.9

68 4.9 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

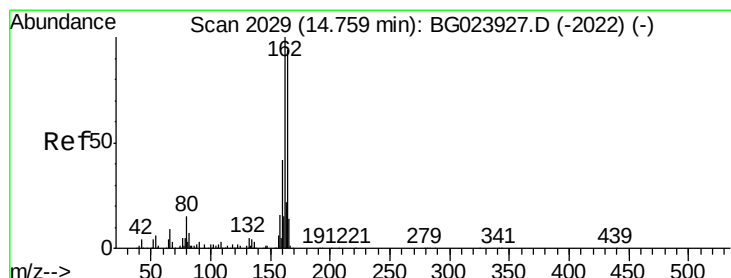
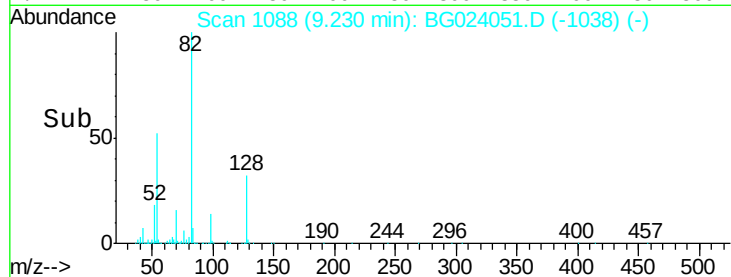
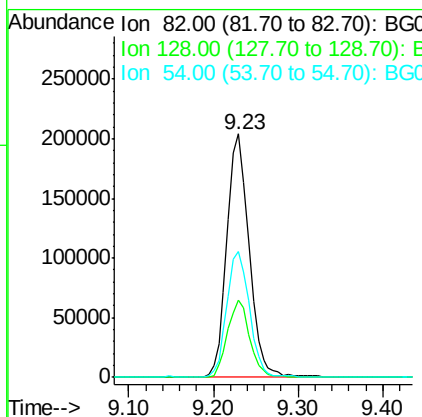
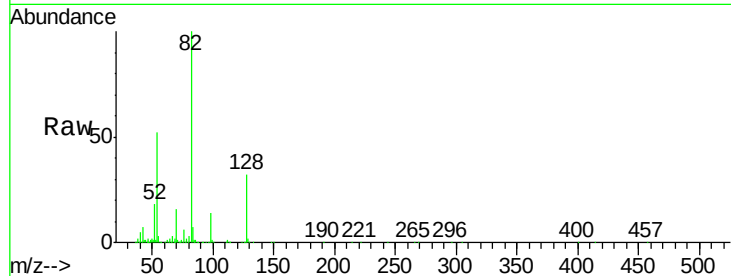




#23
 Nitrobenzene-d5
 Concen: 78.39 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BG024051.D
 Acq: 21 Sep 2016 12:35

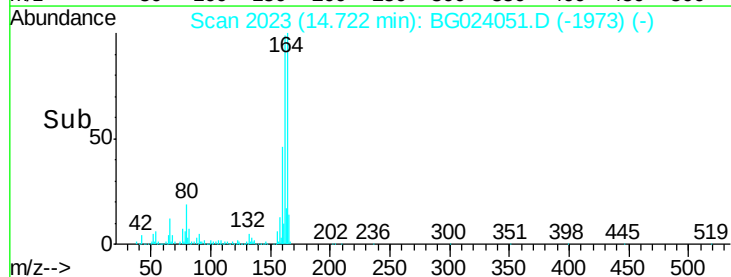
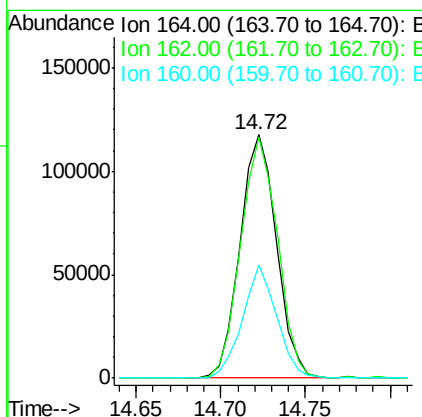
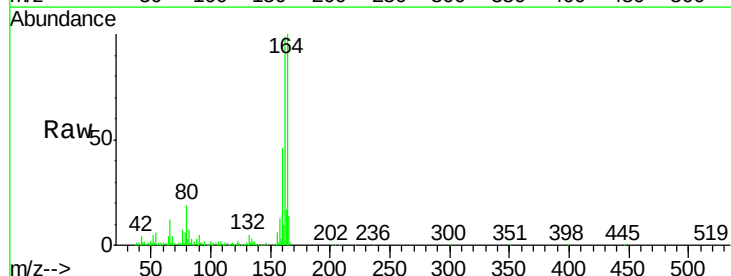
Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB3-02

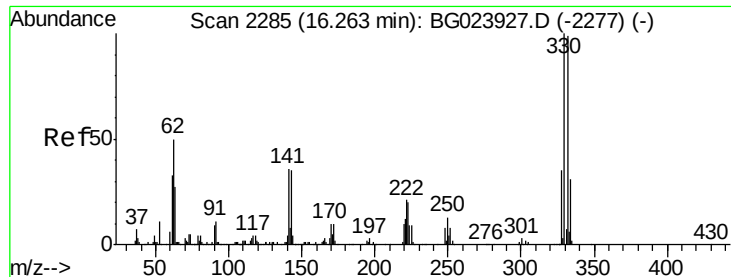
Tot Ion	82	Resp	372815
Ion Ratio	Lower	Upper	
82	100		
128	31.8	24.4	36.6
54	51.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG024051.D
 Acq: 21 Sep 2016 12:35

Tgt Ion	164	Resp	177259
Ion Ratio	Lower	Upper	
164	100		
162	99.2	87.7	131.5
160	46.3	37.2	55.8

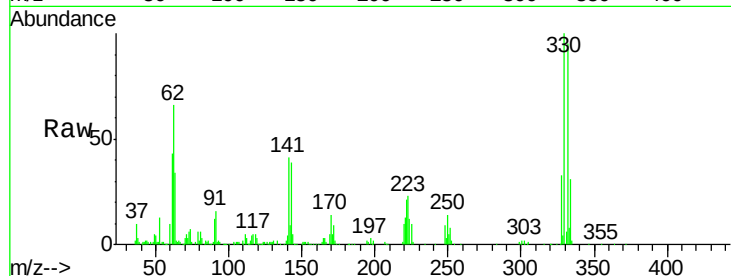




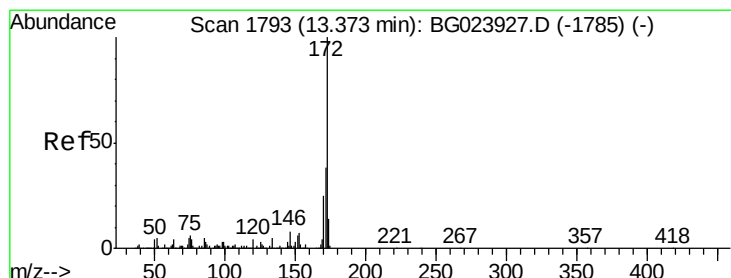
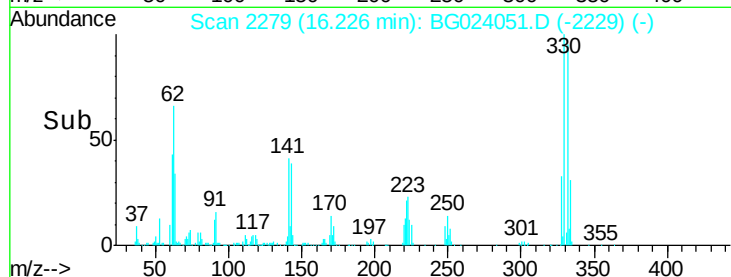
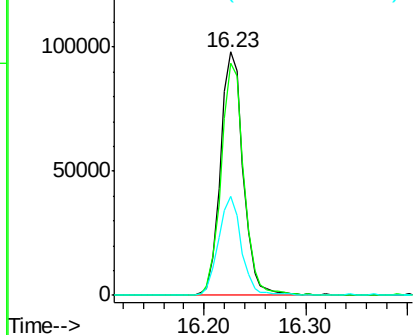
#41
 2,4,6-Tribromophenol
 Concen: 47.98 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG024051.D
 Acq: 21 Sep 2016 12:35

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB3-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	40.7	31.7	47.5

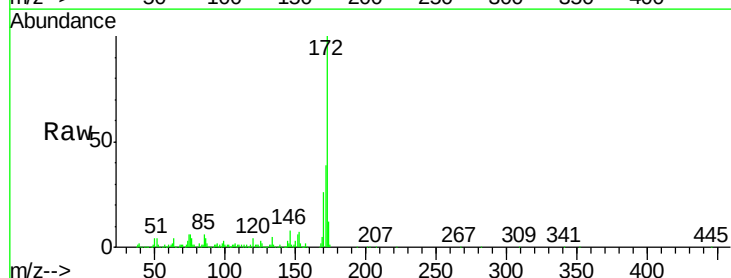


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

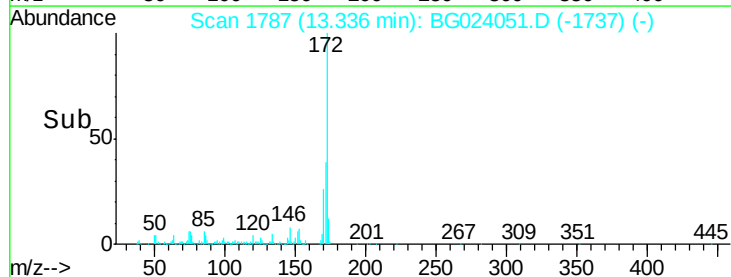
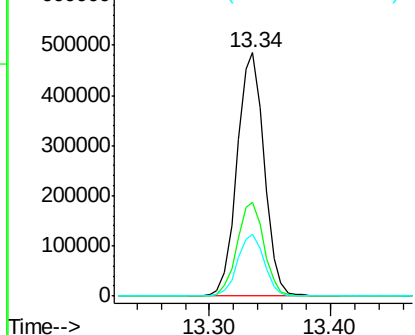


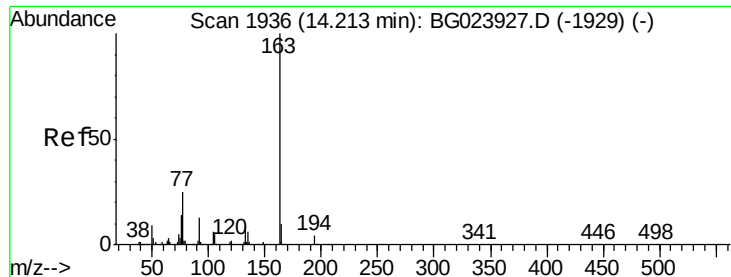
#44
 2-Fluorobiphenyl
 Concen: 61.40 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG024051.D
 Acq: 21 Sep 2016 12:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.6	47.4
170	25.5	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: 12.44 ng

RT: 14.17 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

Instrument :

BNA_G

ClientSampleId :

YORK-SB3-02

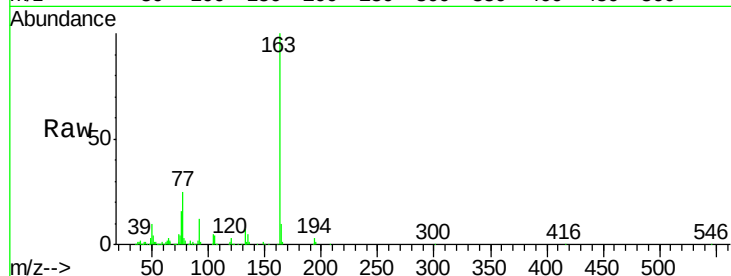
Tot Ion:163 Resp: 189057

Ion Ratio Lower Upper

163 100

194 3.3 3.6 5.4#

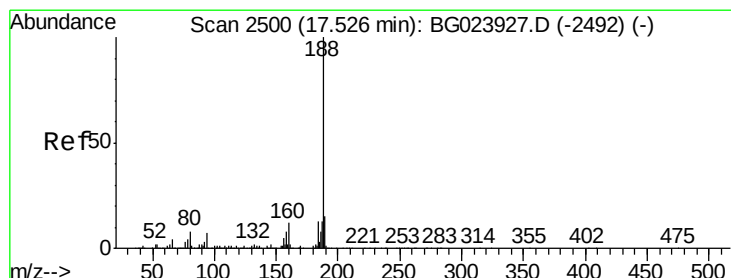
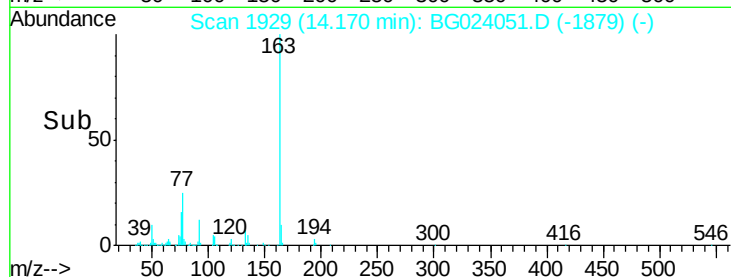
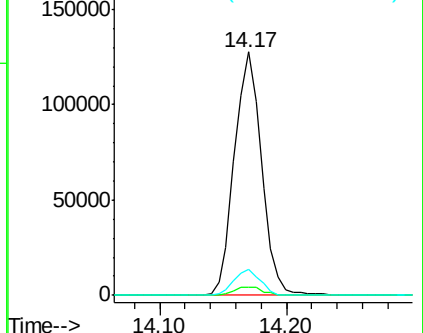
164 10.4 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

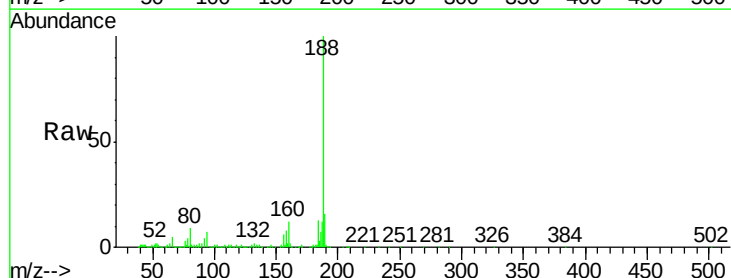
Tgt Ion:188 Resp: 403800

Ion Ratio Lower Upper

188 100

94 6.5 5.2 7.8

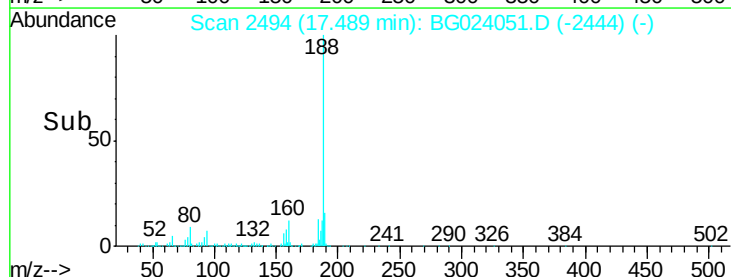
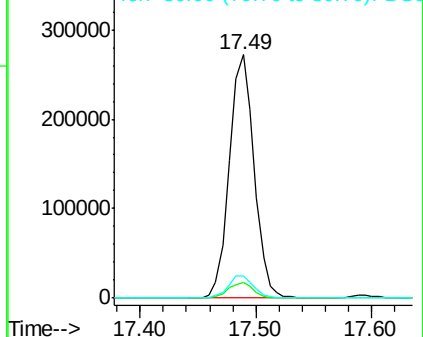
80 9.1 7.2 10.8

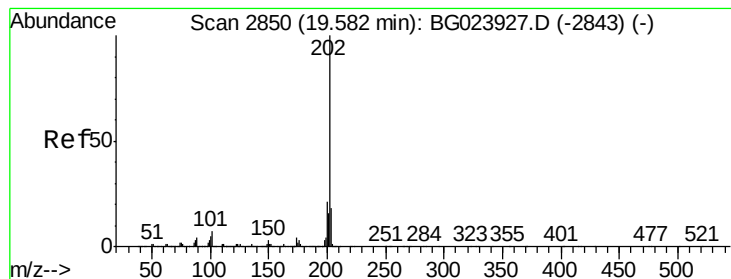


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 2.28 ng

RT: 19.55 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

Instrument :

BNA_G

ClientSampleId :

YORK-SB3-02

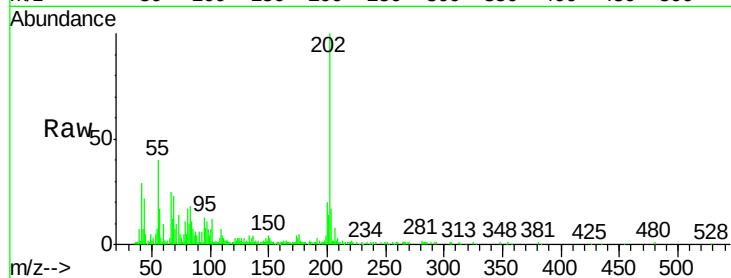
Tot Ion:202 Resp: 57746

Ion Ratio Lower Upper

202 100

101 11.6 0.0 27.4

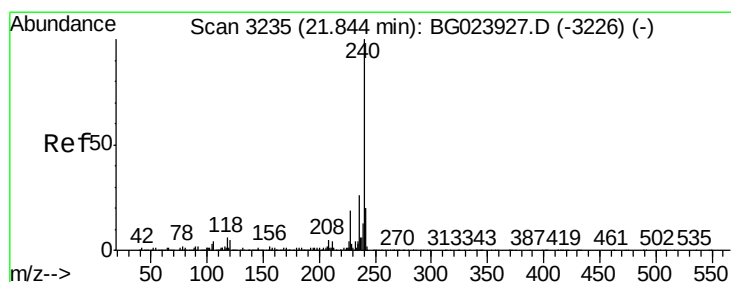
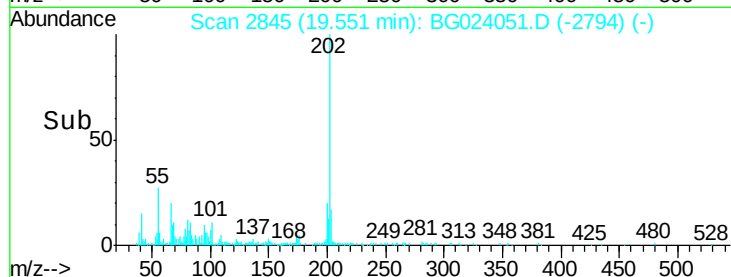
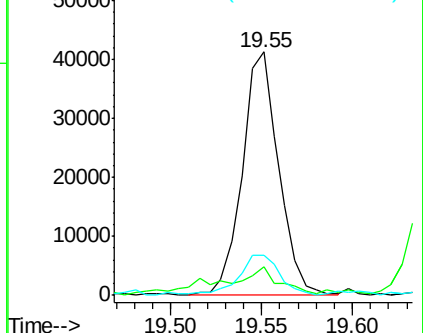
203 16.7 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

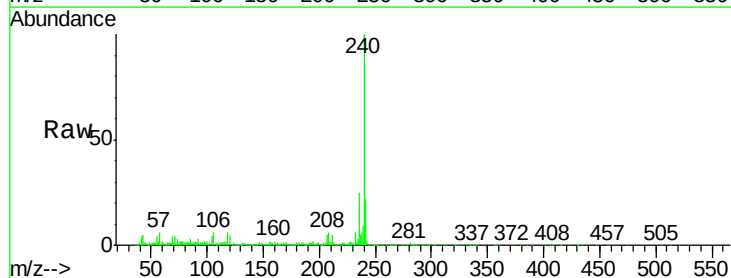
Tgt Ion:240 Resp: 438343

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

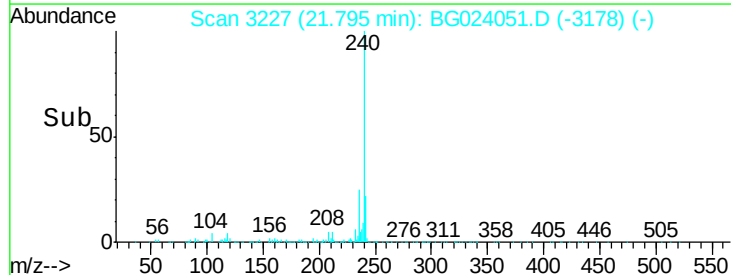
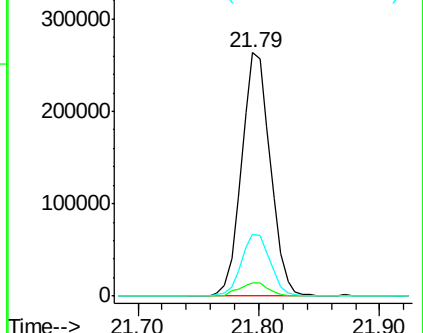
236 25.4 21.1 31.7

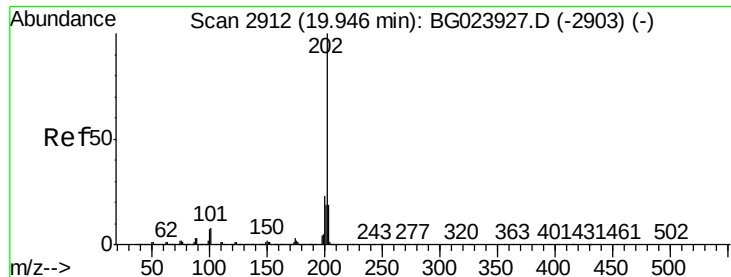


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.26 ng

RT: 19.92 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

Instrument :

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YORK-SB3-02

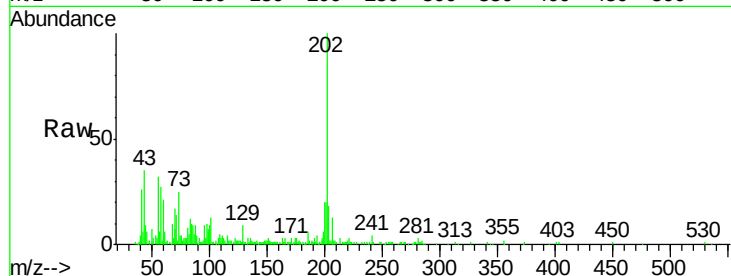
Tot Ion:202 Resp: 60802

Ion Ratio Lower Upper

202 100

200 20.3 21.2 31.8#

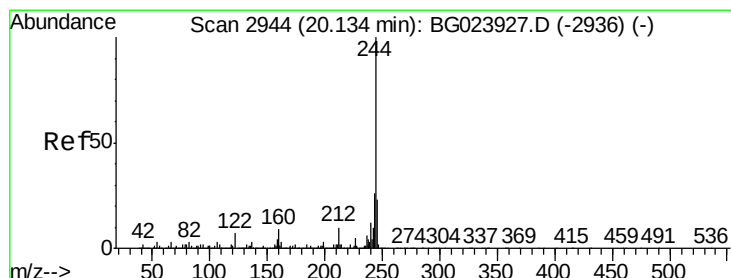
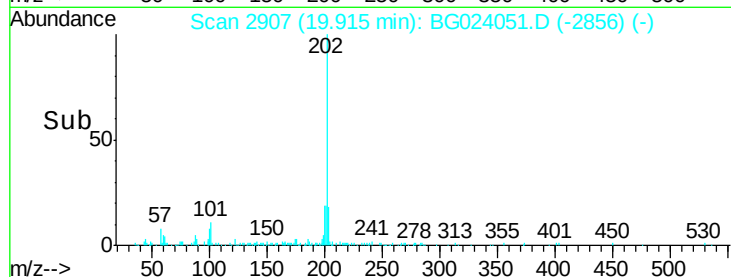
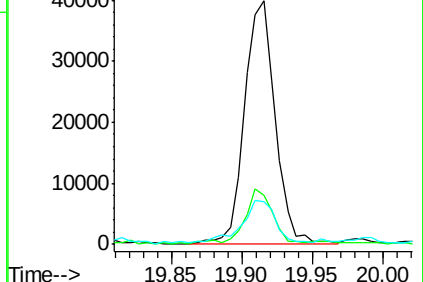
203 17.7 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.88 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG024051.D

Acq: 21 Sep 2016 12:35

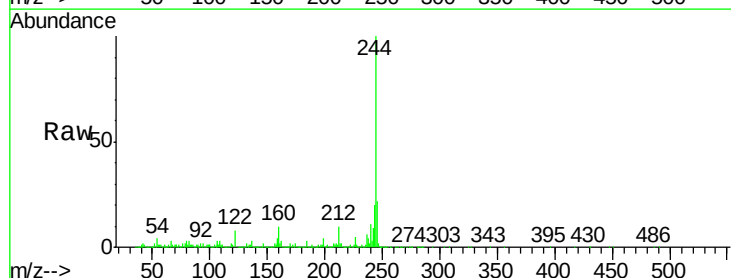
Tgt Ion:244 Resp: 1287344

Ion Ratio Lower Upper

244 100

212 10.2 10.8 16.2#

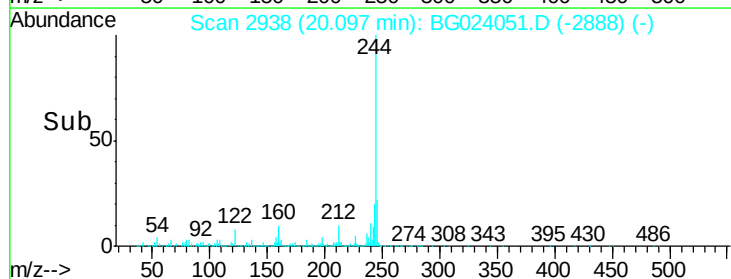
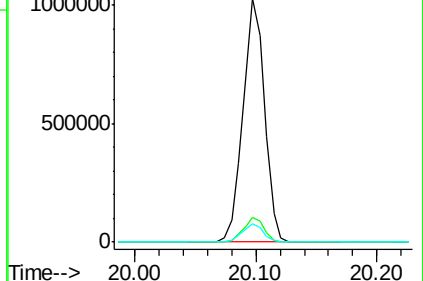
122 7.5 8.0 12.0#

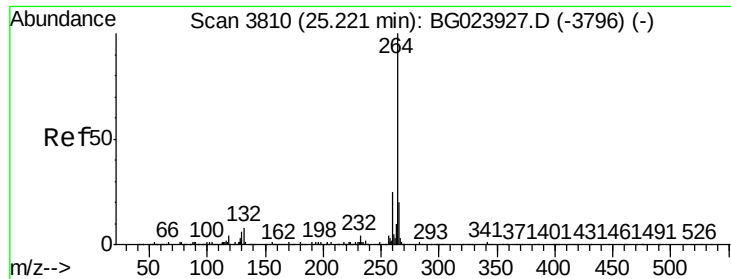


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

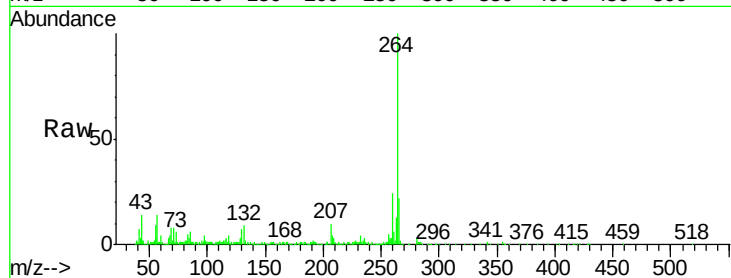




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.14 min Scan# 3797
 Delta R.T. -0.01 min
 Lab File: BG024051.D
 Acq: 21 Sep 2016 12:35

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB3-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.3	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

