

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
 Data File : BG024030.D
 Acq On : 19 Sep 2016 22:43
 Operator : UM/SJ
 Sample : H4821-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9

Quant Time: Sep 20 00:55:58 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

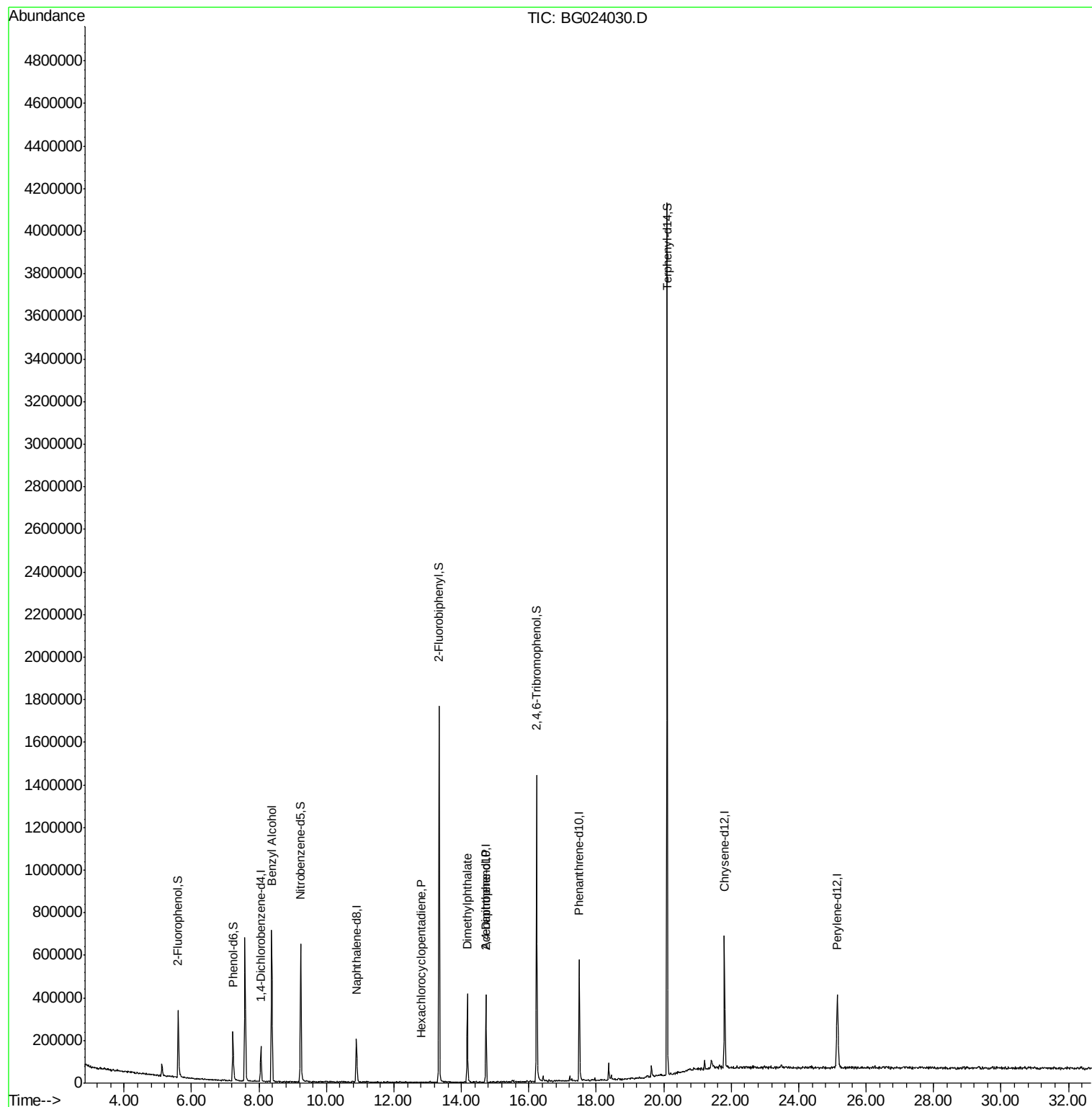
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	40238	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	175442	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	149303	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	349982	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	416329	20.00	ng	-0.04
86) Perylene-d12	25.14	264	422362	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	126610	55.24	ng	-0.04
7) Phenol-d6	7.23	99	145646	41.28	ng	-0.05
23) Nitrobenzene-d5	9.23	82	415794	105.80	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	264084	98.17	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	870490	83.59	ng	-0.04
78) Terphenyl-d14	20.10	244	1576803	86.25	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.38	79	7290	2.34	ng	# 50
40) Hexachlorocyclopentadiene	12.79	237	142	7.13	ng	# 26
49) Dimethylphthalate	14.18	163	256358	20.02	ng	# 99
53) 2,4-Dinitrophenol	14.72	184	61	6.54	ng	# 1

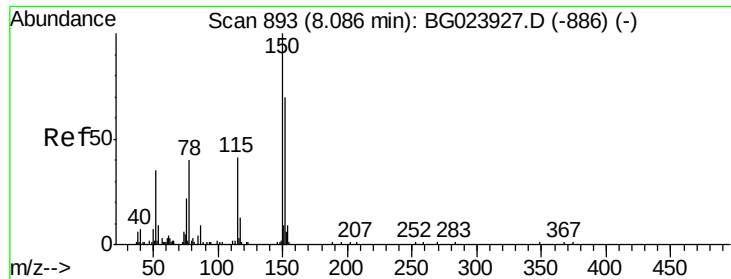
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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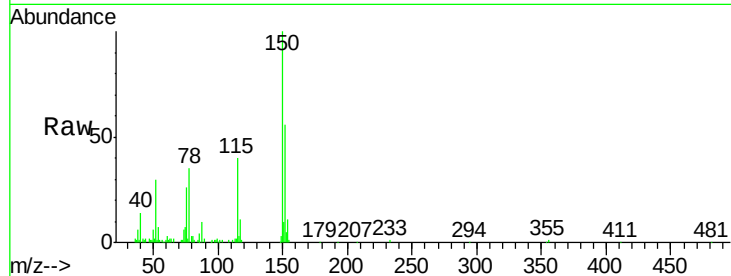


#1

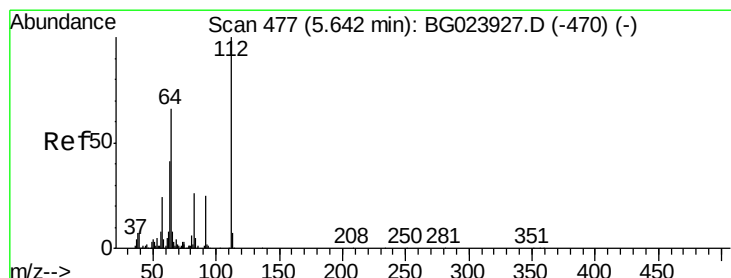
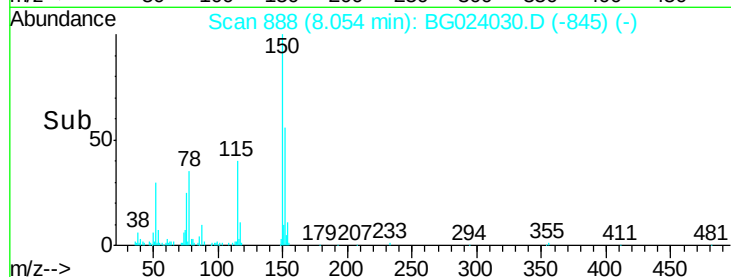
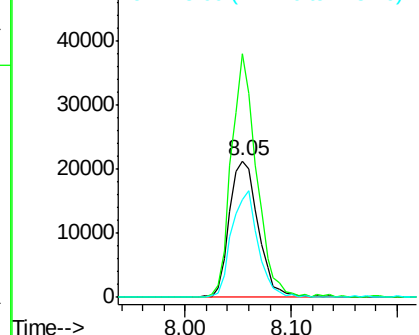
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.05 min Scan# 888
 Delta R.T. -0.05 min
 Lab File: BG024030.D
 Acq: 19 Sep 2016 22:43

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9

Tgt Ion:152 Resp: 40238
 Ion Ratio Lower Upper
 152 100
 150 178.7 144.7 217.1
 115 71.7 64.0 96.0



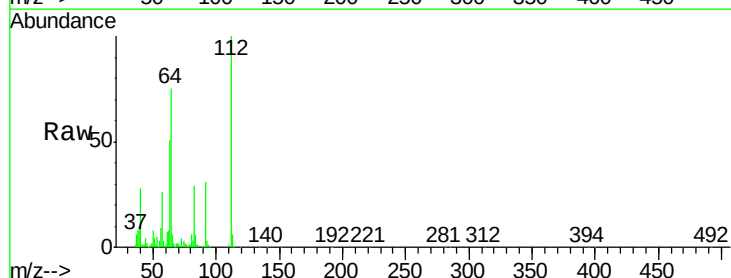
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



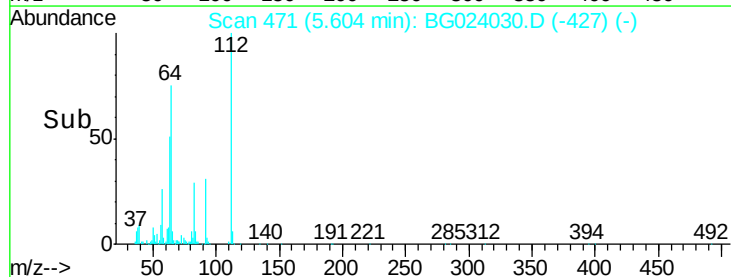
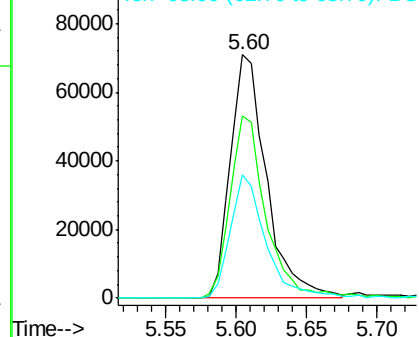
#5

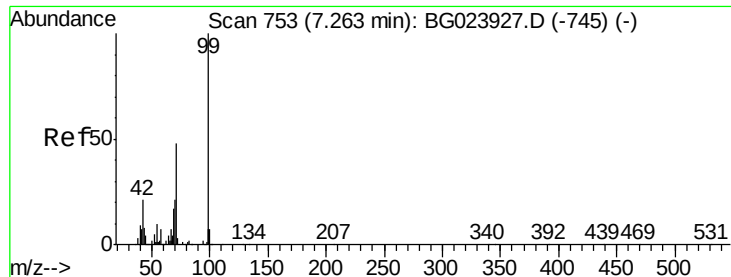
2-Fluorophenol
 Concen: 55.24 ng
 RT: 5.60 min Scan# 471
 Delta R.T. -0.04 min
 Lab File: BG024030.D
 Acq: 19 Sep 2016 22:43

Tgt Ion:112 Resp: 126610
 Ion Ratio Lower Upper
 112 100
 64 74.9 59.0 88.4
 63 50.7 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: 41.28 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9

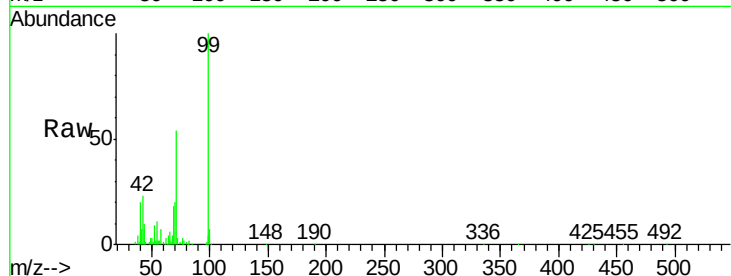
Tgt Ion: 99 Resp: 145646

Ion Ratio Lower Upper

99 100

42 22.6 17.8 26.6

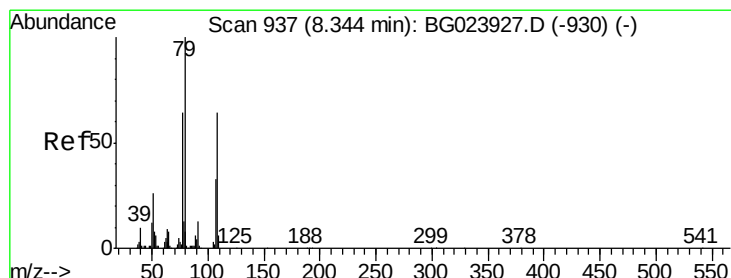
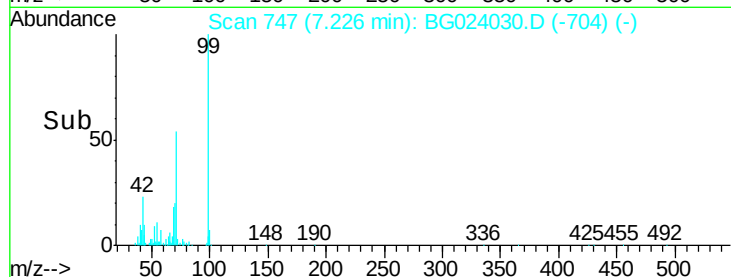
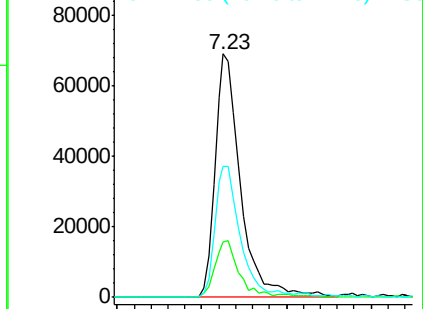
71 54.0 41.5 62.3



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: 2.34 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.02 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

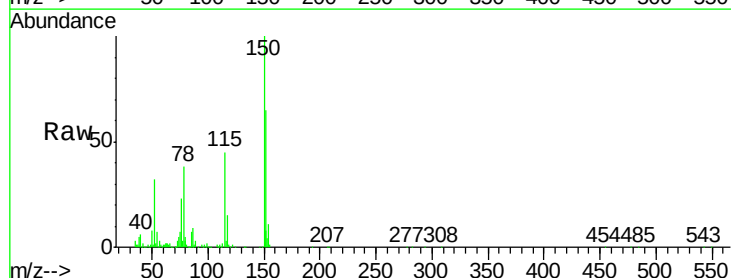
Tgt Ion: 79 Resp: 7290

Ion Ratio Lower Upper

79 100

108 38.9 46.5 69.7#

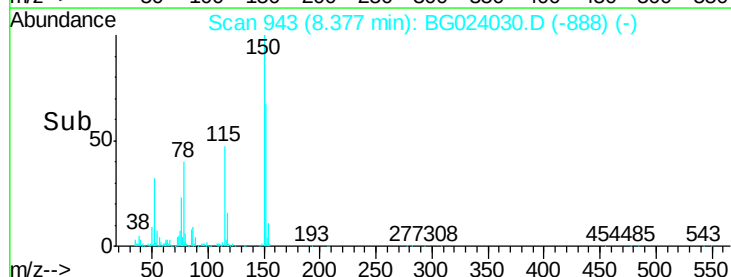
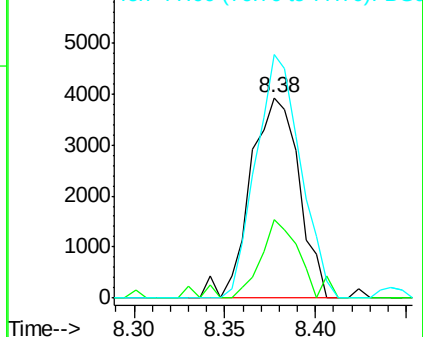
77 121.4 52.3 78.5#

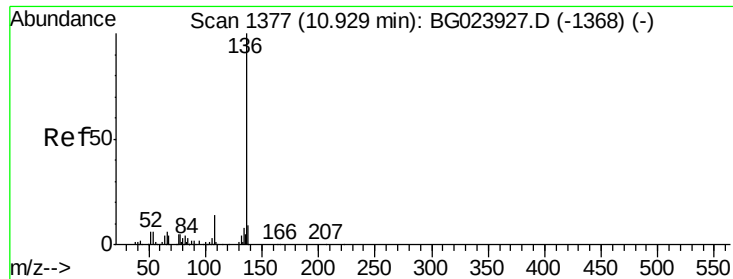


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

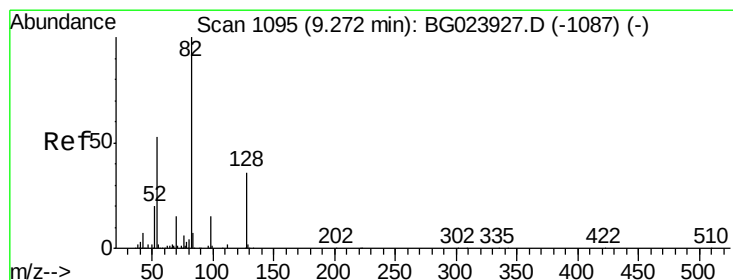
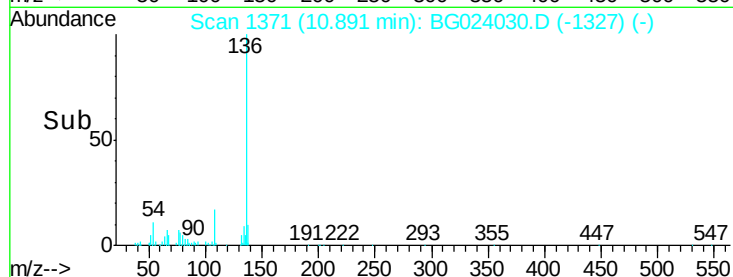
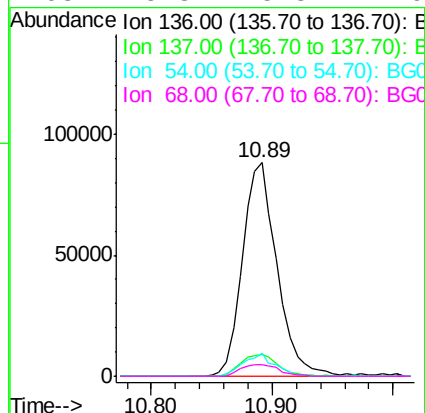
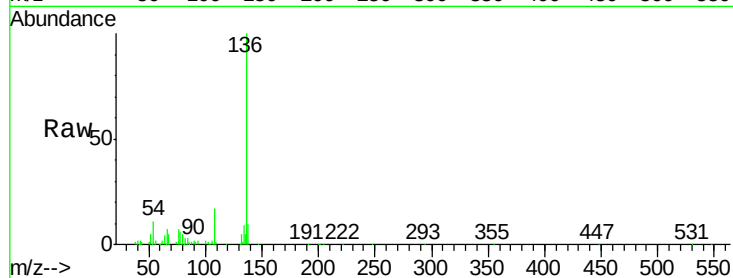




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.04 min
Lab File: BG024030.D
Acq: 19 Sep 2016 22:43

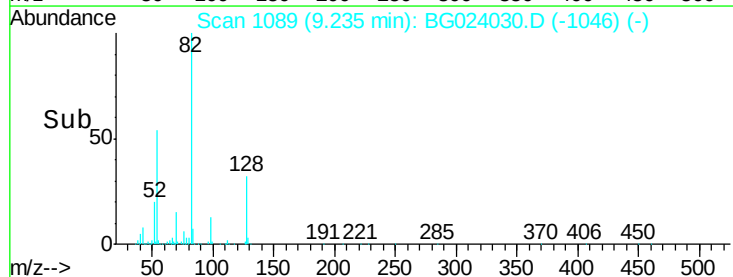
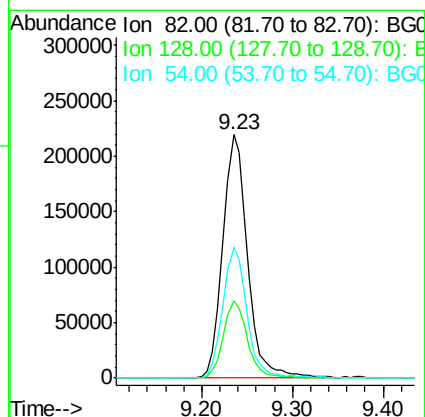
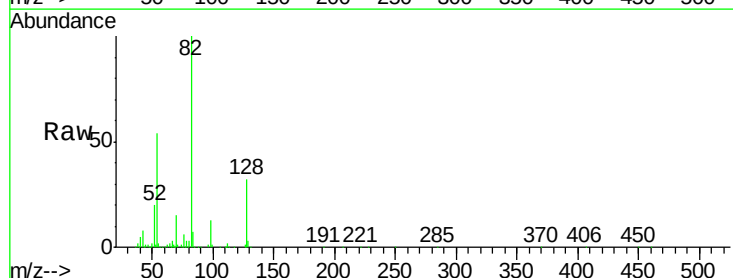
Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9

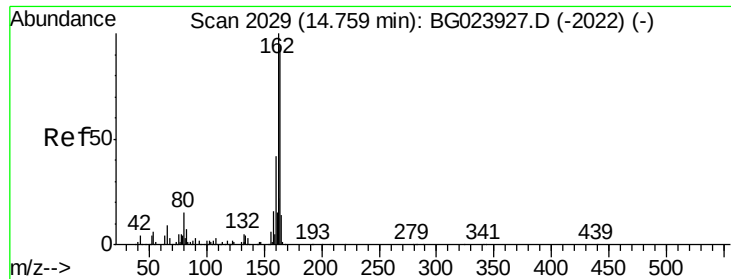
Tgt Ion:	136	Resp:	175442
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	10.8	7.3	10.9
68	5.3	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 105.80 ng
RT: 9.23 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG024030.D
Acq: 19 Sep 2016 22:43

Tgt Ion:	82	Resp:	415794
Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.4	36.6
54	54.0	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: BG024030.D

Acq: 19 Sep 2016 22:43

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9

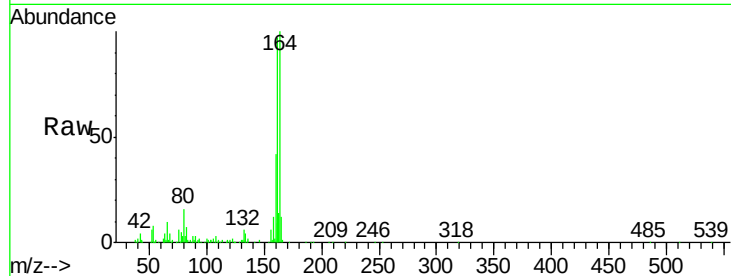
Tgt Ion:164 Resp: 149303

Ion Ratio Lower Upper

164 100

162 96.7 87.7 131.5

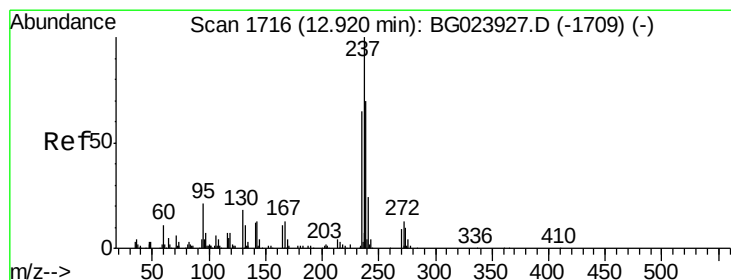
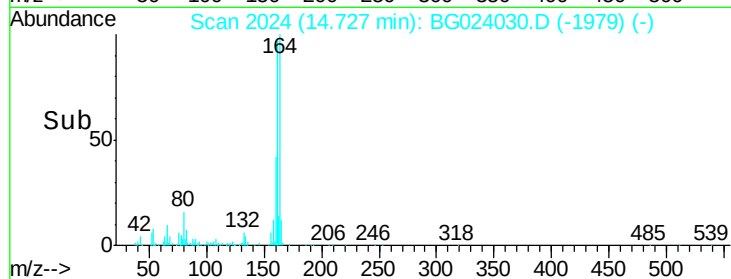
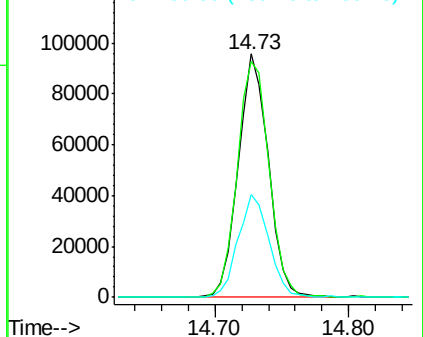
160 42.0 37.2 55.8



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: 7.13 ng

RT: 12.79 min Scan# 1694

Delta R.T. -0.14 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

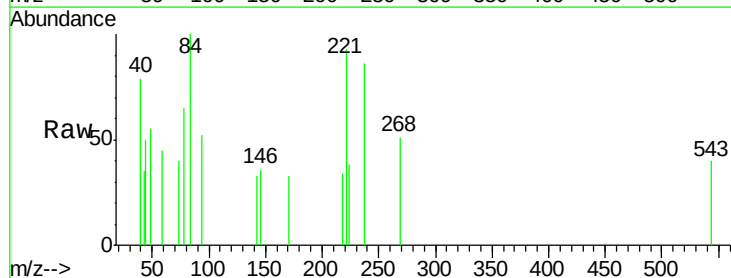
Tgt Ion:237 Resp: 142

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

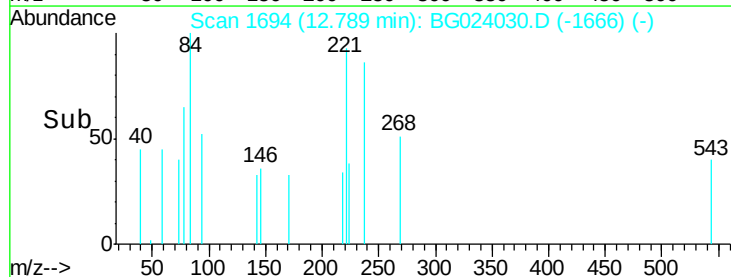
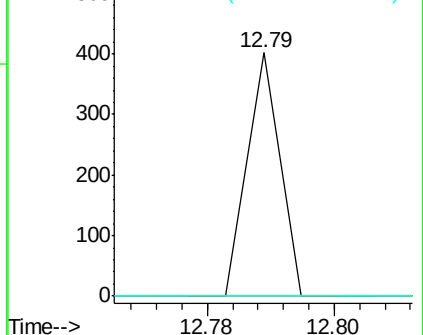
272 0.0 0.0 30.9

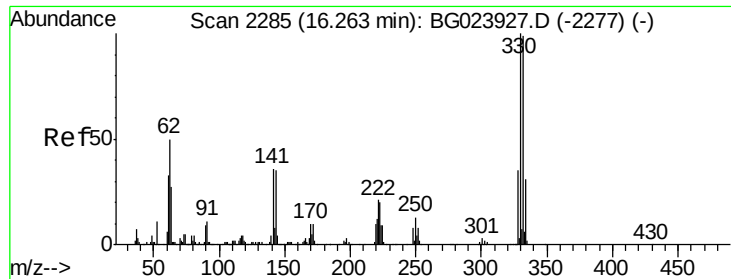


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 98.17 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.04 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9

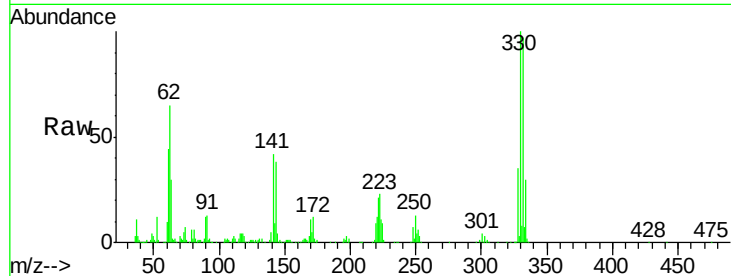
Tgt Ion:330 Resp: 264084

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.2

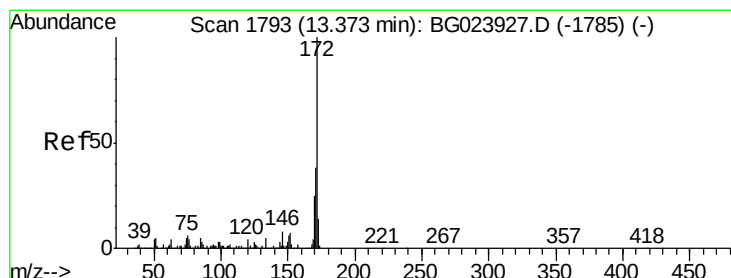
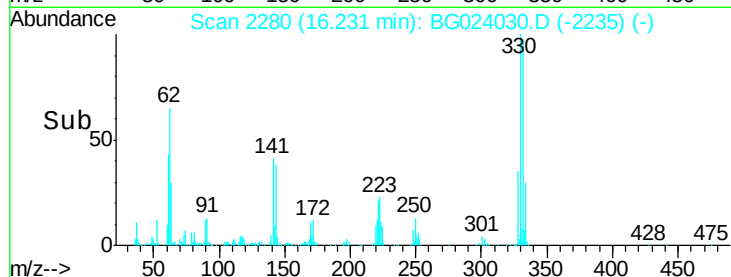
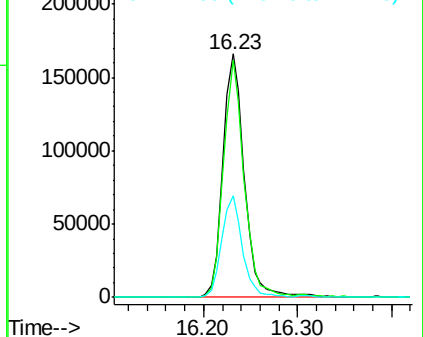
141 40.3 31.7 47.5



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: 83.59 ng

RT: 13.34 min Scan# 1788

Delta R.T. -0.04 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

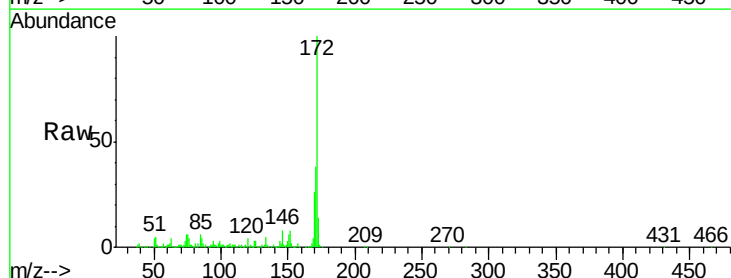
Tgt Ion:172 Resp: 870490

Ion Ratio Lower Upper

172 100

171 38.3 31.6 47.4

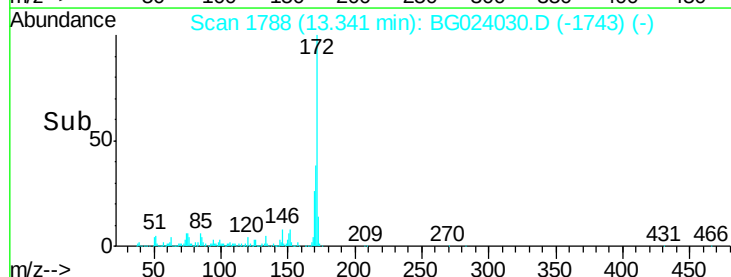
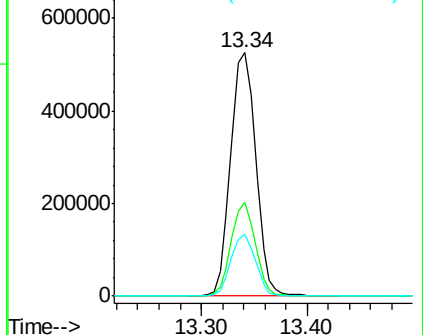
170 25.7 21.3 31.9

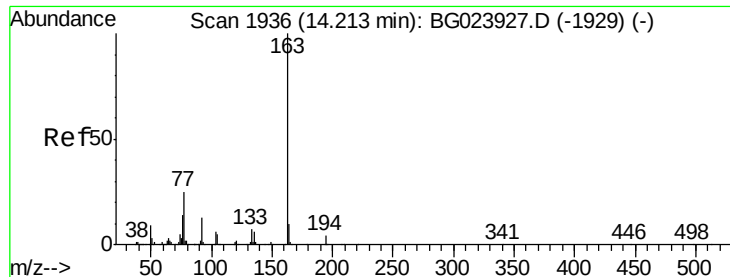


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 20.02 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.04 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

Instrument :

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ClientSampleId :

YORK-MWP7-9

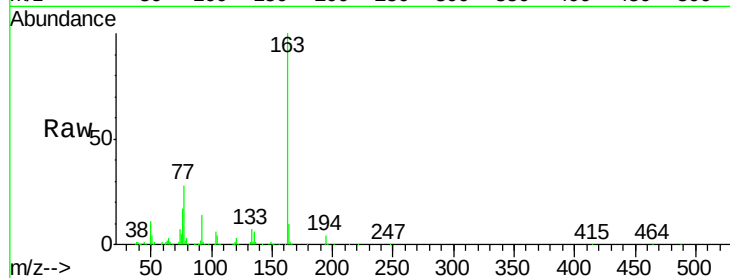
Tgt Ion:163 Resp: 256358

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4#

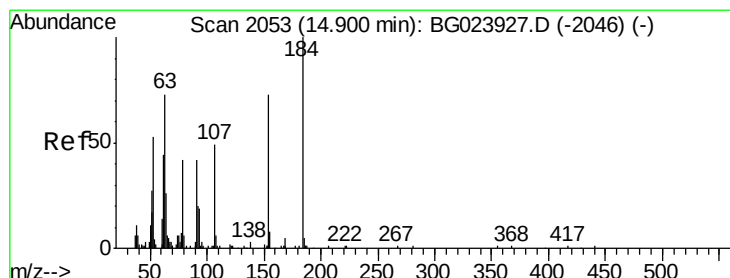
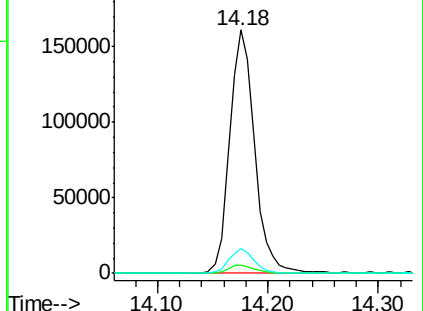
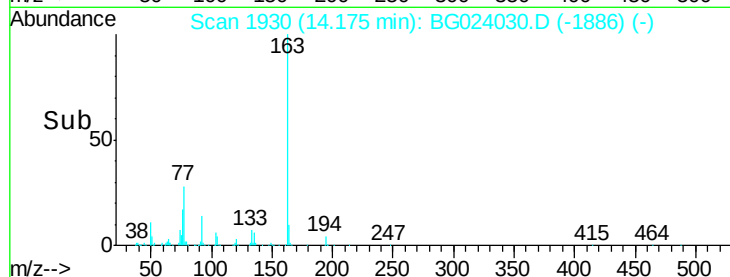
164 10.1 8.1 12.1



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: 14.72 min Scan# 2023

Delta R.T. -0.18 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

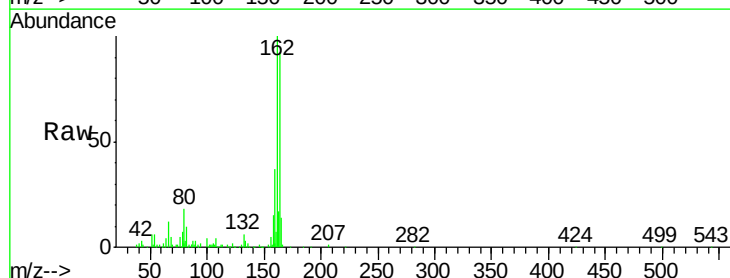
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 114.5 59.6 89.4#

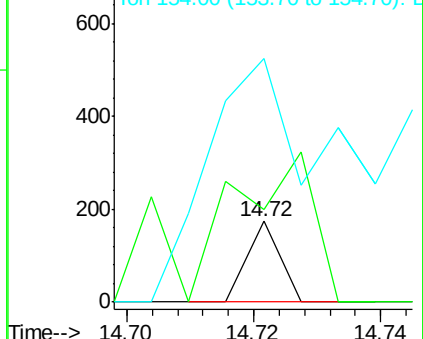
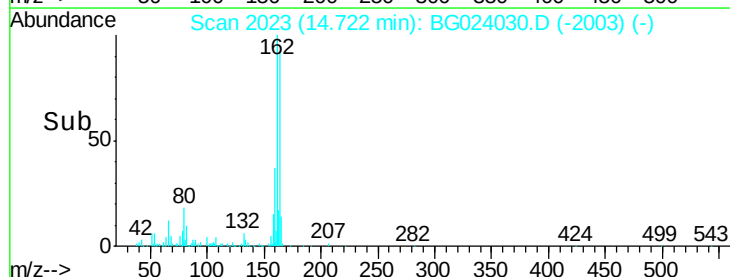
154 302.9 67.4 101.0#

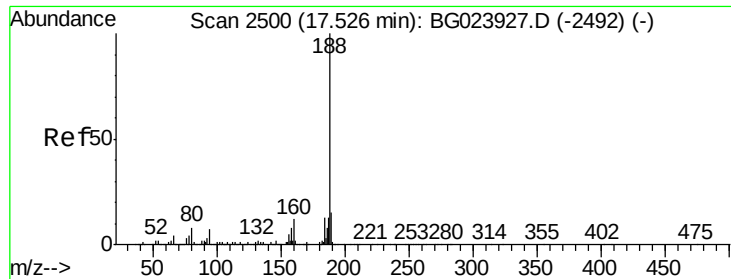


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

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: BG024030.D

Acq: 19 Sep 2016 22:43

Instrument :

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YORK-MWP7-9

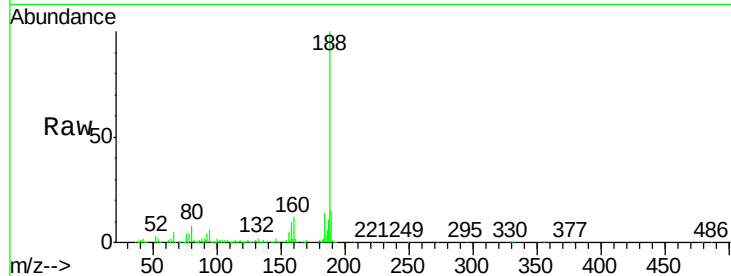
Tgt Ion:188 Resp: 349982

Ion Ratio Lower Upper

188 100

94 5.8 5.2 7.8

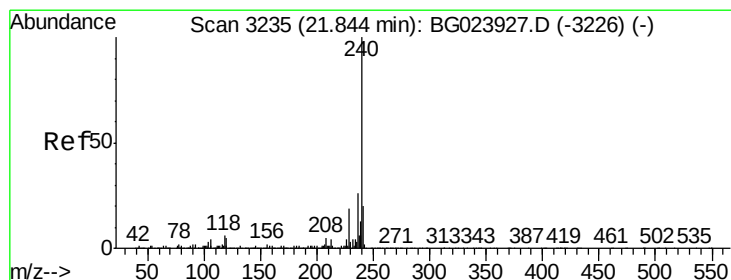
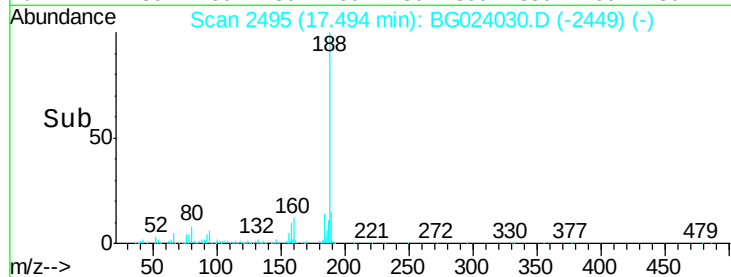
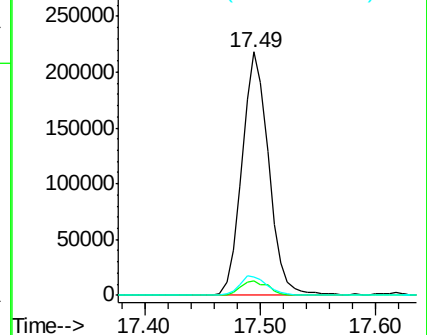
80 7.5 7.2 10.8



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: BG024030.D

Acq: 19 Sep 2016 22:43

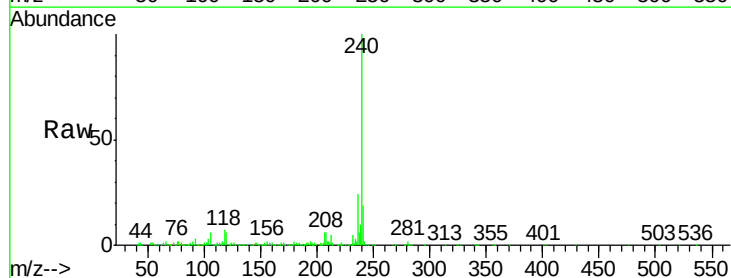
Tgt Ion:240 Resp: 416329

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

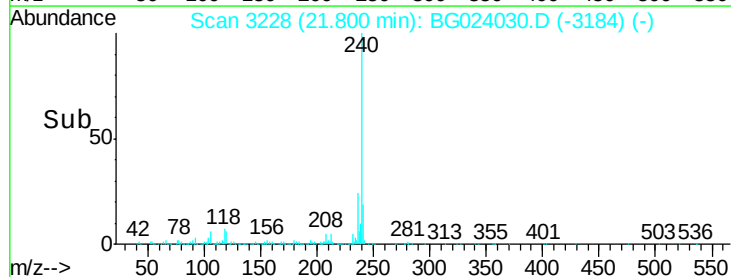
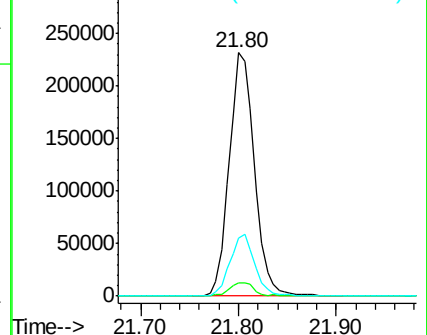
236 24.1 21.1 31.7

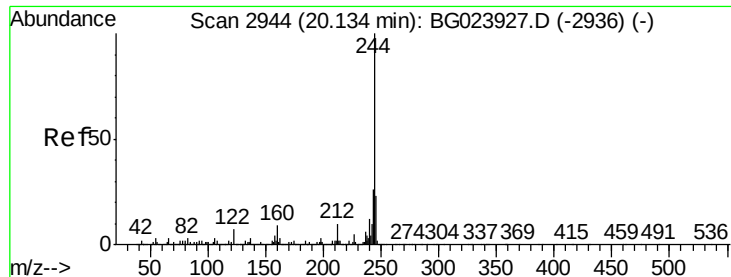


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.25 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9

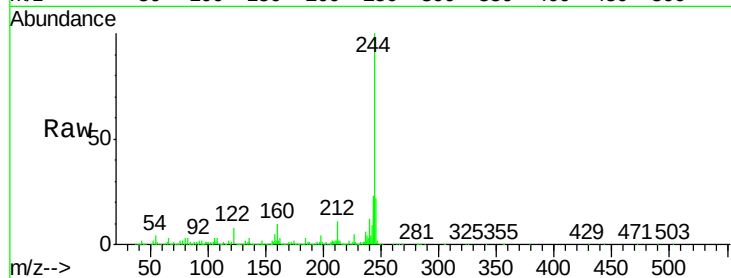
Tgt Ion:244 Resp: 1576803

Ion Ratio Lower Upper

244 100

212 10.5 10.8 16.2#

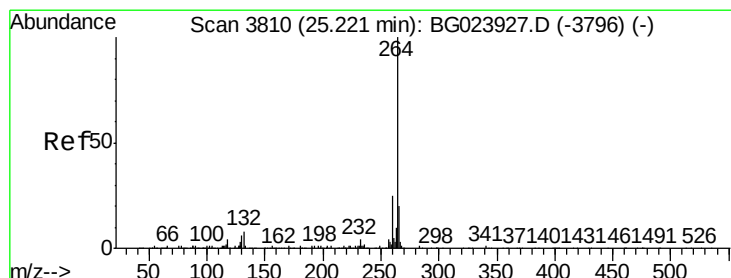
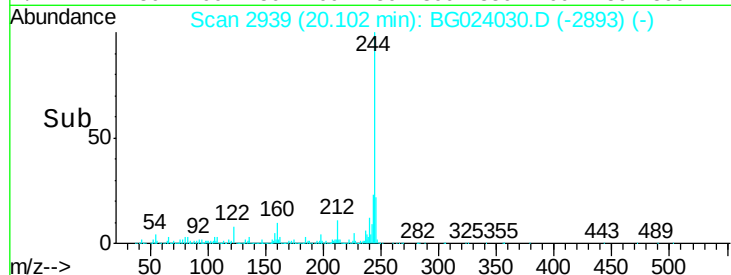
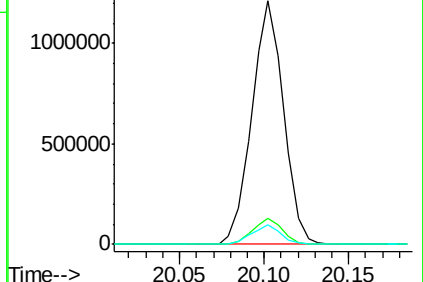
122 8.2 8.0 12.0



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: BG024030.D

Acq: 19 Sep 2016 22:43

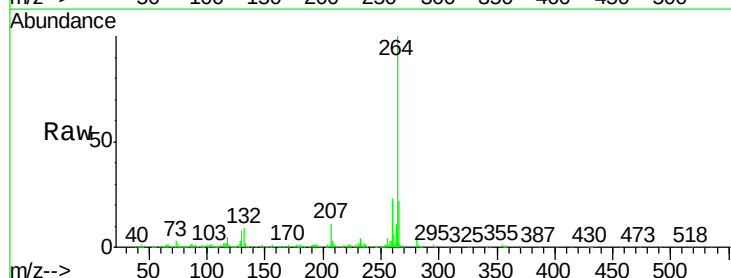
Tgt Ion:264 Resp: 422362

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.9 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

