

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
 Data File : BG024034.D
 Acq On : 20 Sep 2016 1:17
 Operator : UM/SJ
 Sample : H4821-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SW1-4

Quant Time: Sep 20 03:10:18 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 01:00:00 2016
 Response via : Initial Calibration

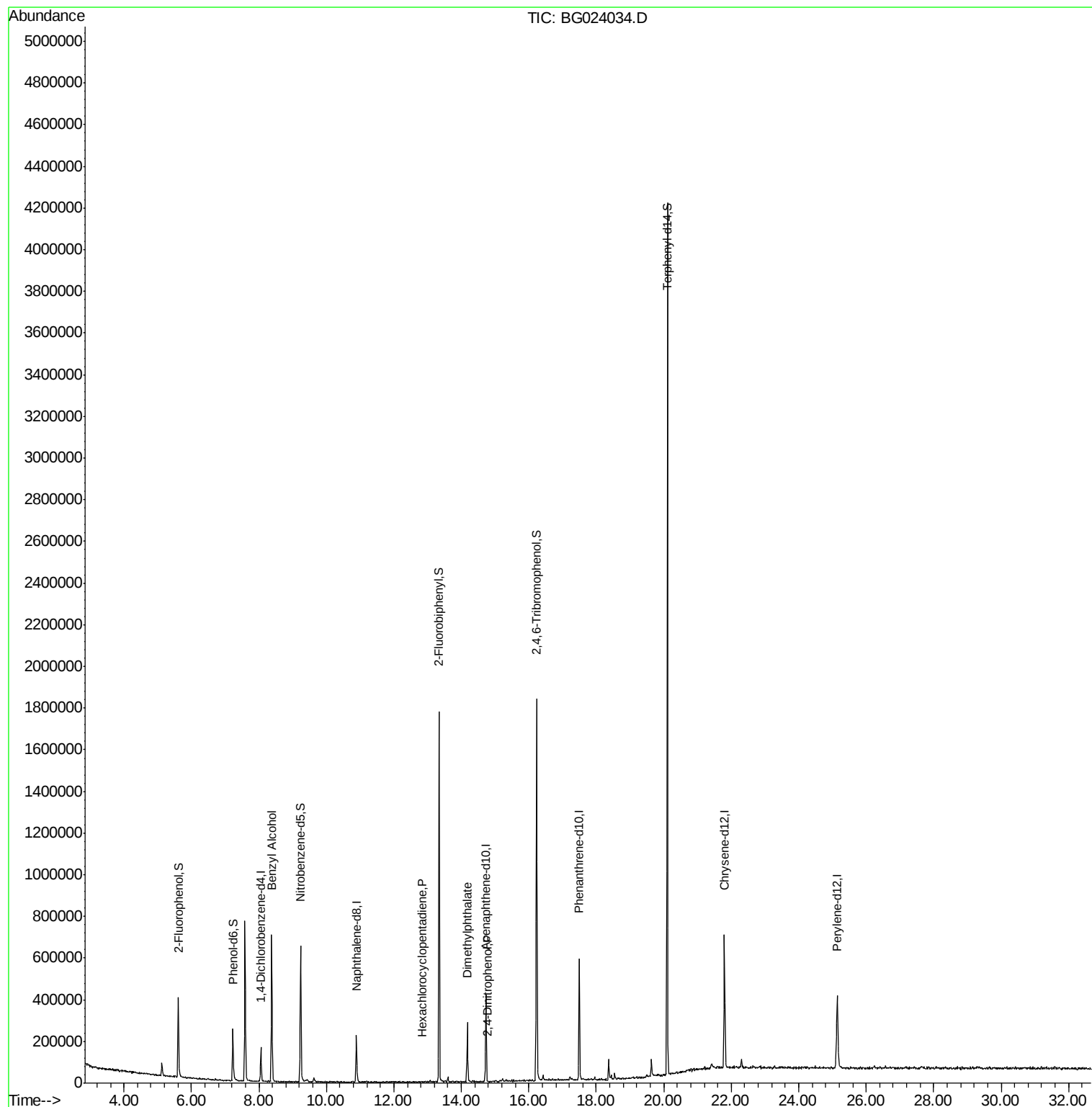
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41766	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	179449	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	148742	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	354914	20.00	ng	0.00
75) Chrysene-d12	21.80	240	429685	20.00	ng	-0.01
86) Perylene-d12	25.15	264	421363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	159332	66.98	ng	0.00
7) Phenol-d6	7.23	99	148149	40.46	ng	0.00
23) Nitrobenzene-d5	9.24	82	412008	102.50	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	328579	122.61	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	864344	83.31	ng	0.00
78) Terphenyl-d14	20.10	244	1655356	87.74	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	8323	2.58	ng	# 60
40) Hexachlorocyclopentadiene	12.84	237	76	7.11	ng	# 26
49) Dimethylphthalate	14.18	163	179437	14.07	ng	98
53) 2,4-Dinitrophenol	14.77	184	53	6.54	ng	# 10

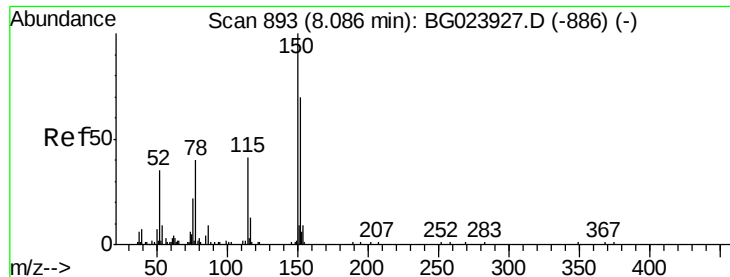
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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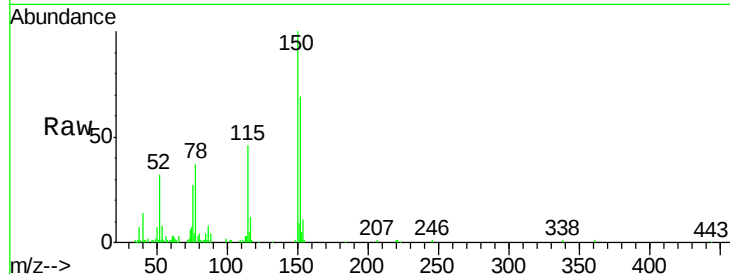


#1

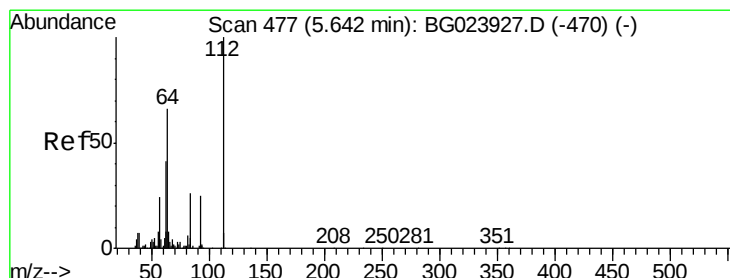
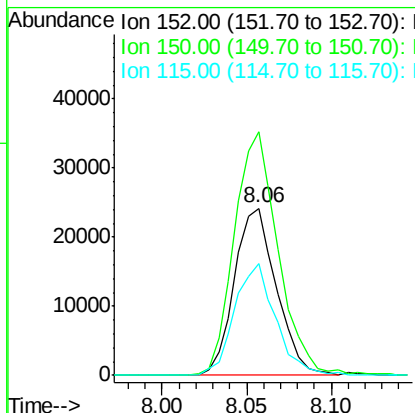
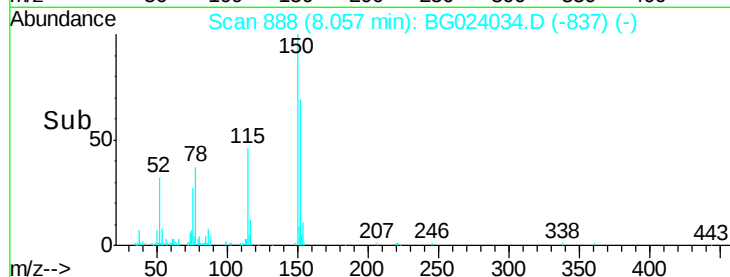
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG024034.D
Acq: 20 Sep 2016 1:17

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.9	144.7	217.1
115	66.8	64.0	96.0



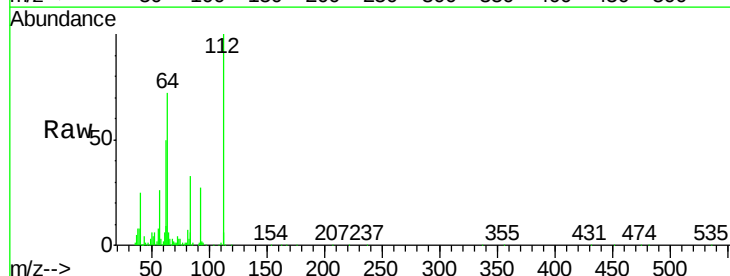
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



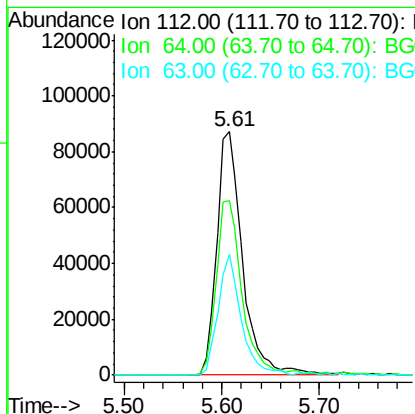
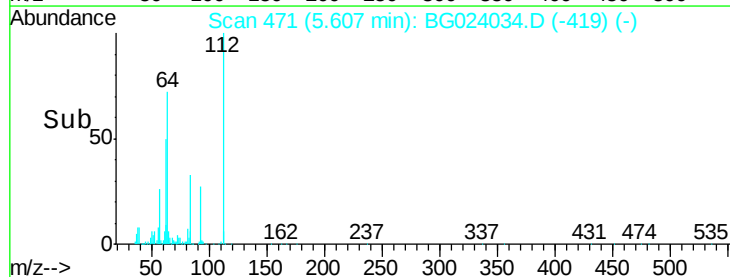
#5

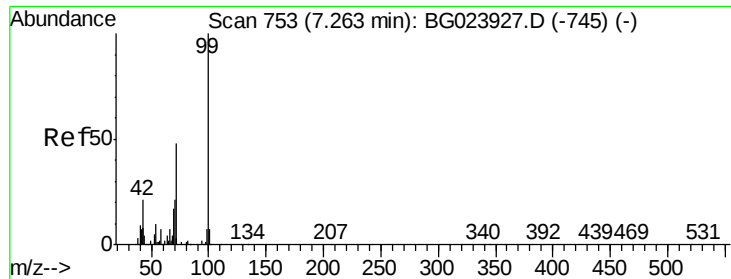
2-Fluorophenol
Concen: 66.98 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.01 min
Lab File: BG024034.D
Acq: 20 Sep 2016 1:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	59.0	88.4
63	49.8	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: 40.46 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

Instrument :

BNA_G

ClientSampleId :

YORK-SW1-4

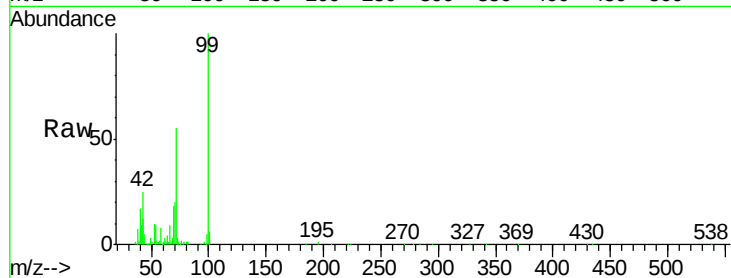
Tgt Ion: 99 Resp: 148149

Ion Ratio Lower Upper

99 100

42 24.5 17.8 26.6

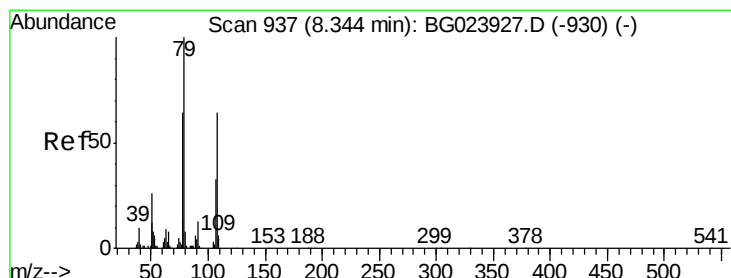
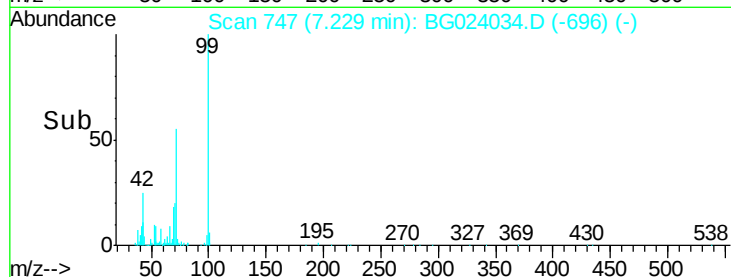
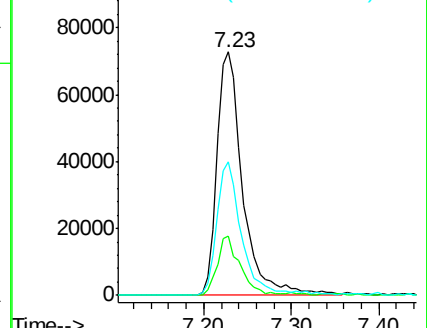
71 54.6 41.5 62.3



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: 2.58 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.07 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

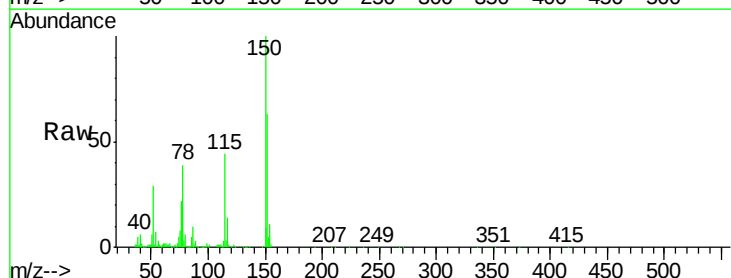
Tgt Ion: 79 Resp: 8323

Ion Ratio Lower Upper

79 100

108 32.3 46.5 69.7#

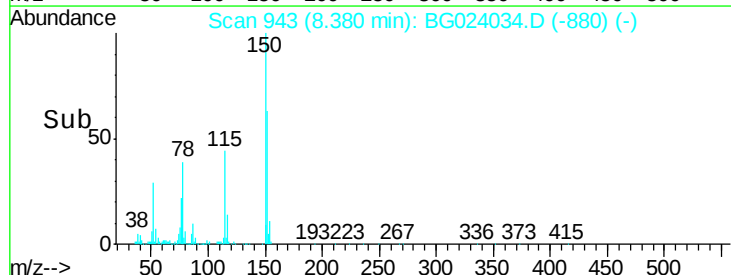
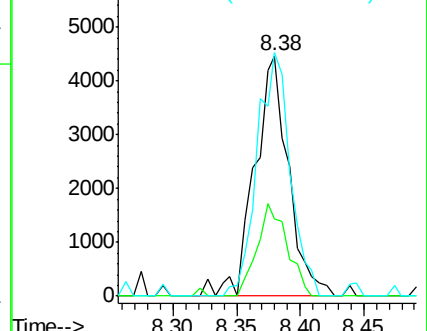
77 101.3 52.3 78.5#

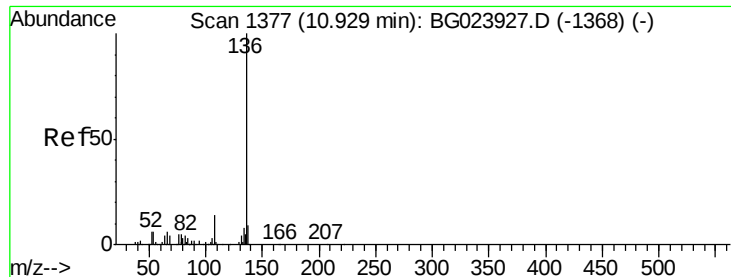


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

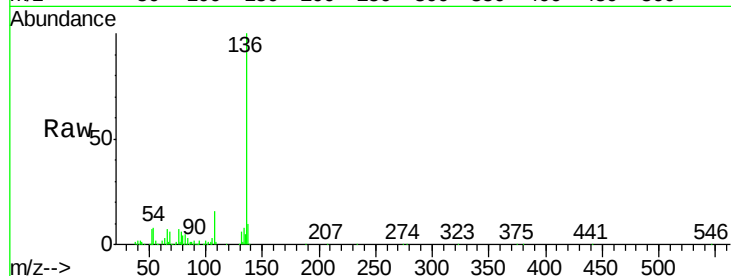




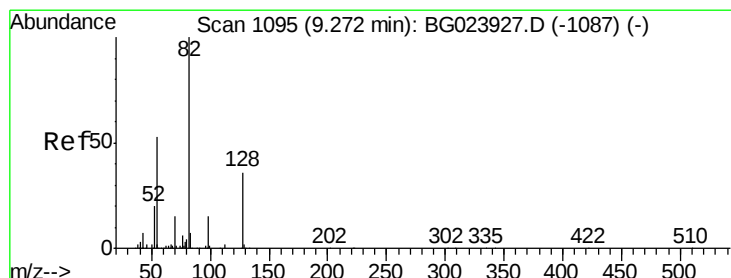
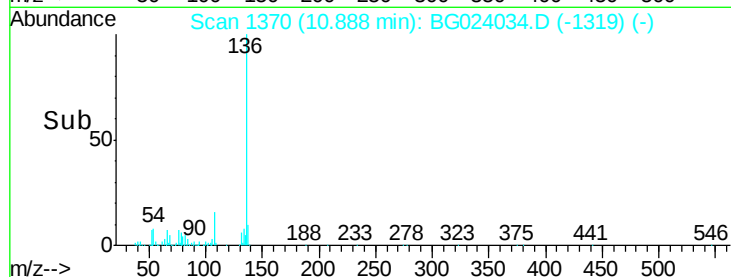
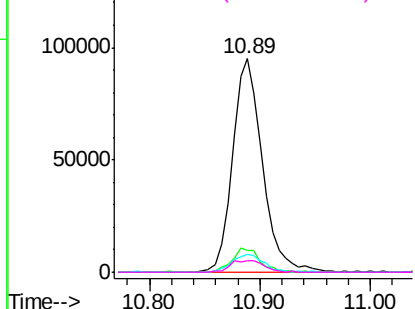
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG024034.D
Acq: 20 Sep 2016 1:17

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-4

Tgt Ion:	136	Resp:	179449
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	8.4	7.3	10.9
68	5.6	5.3	7.9

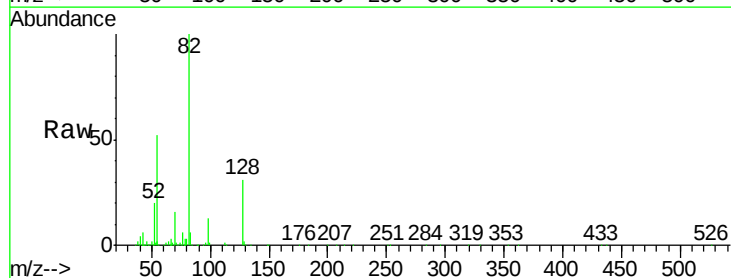


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

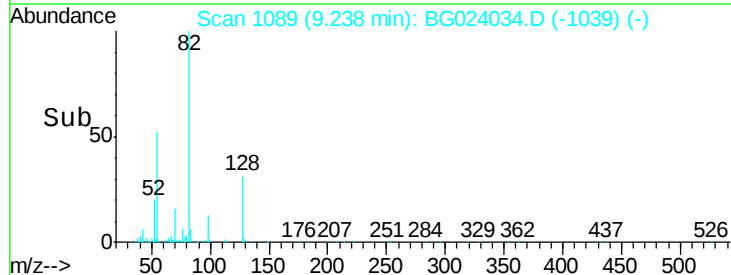
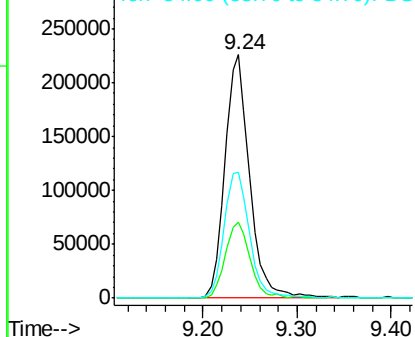


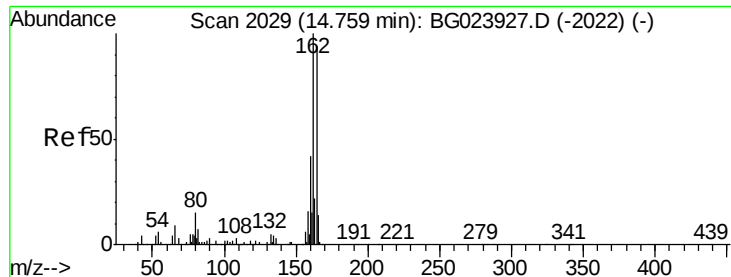
#23
Nitrobenzene-d5
Concen: 102.50 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG024034.D
Acq: 20 Sep 2016 1:17

Tgt Ion:	82	Resp:	412008
Ion	Ratio	Lower	Upper
82	100		
128	31.2	24.4	36.6
54	51.6	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. -0.00 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

Instrument :

BNA_G

ClientSampleId :

YORK-SW1-4

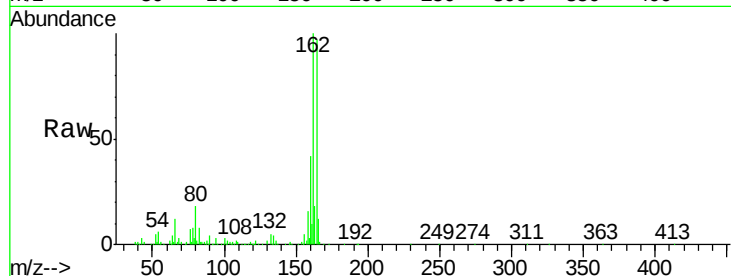
Tgt Ion:164 Resp: 148742

Ion Ratio Lower Upper

164 100

162 103.1 87.7 131.5

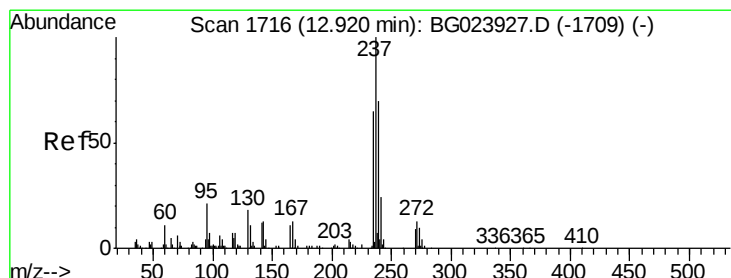
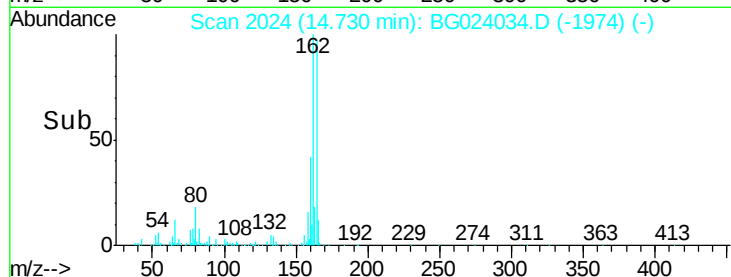
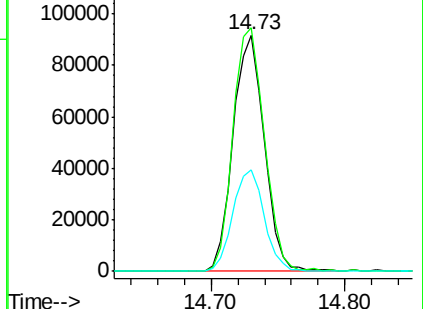
160 43.2 37.2 55.8



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: 12.84 min Scan# 1703

Delta R.T. -0.04 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

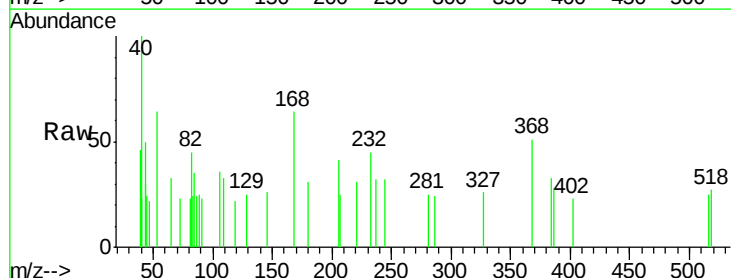
Tgt Ion:237 Resp: 76

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

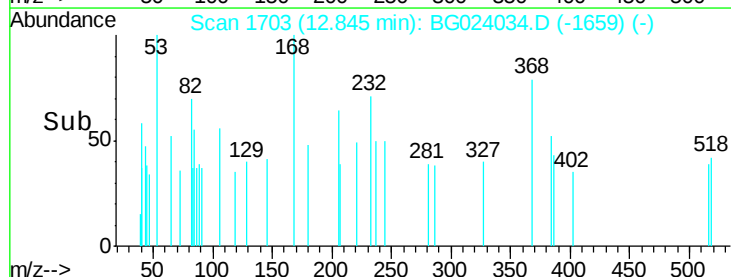
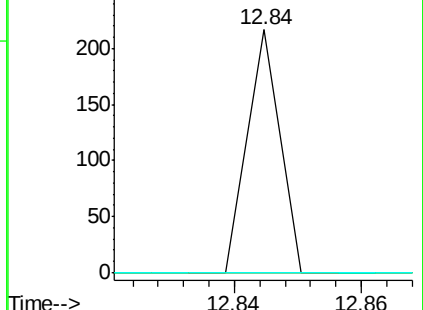
272 0.0 0.0 30.9

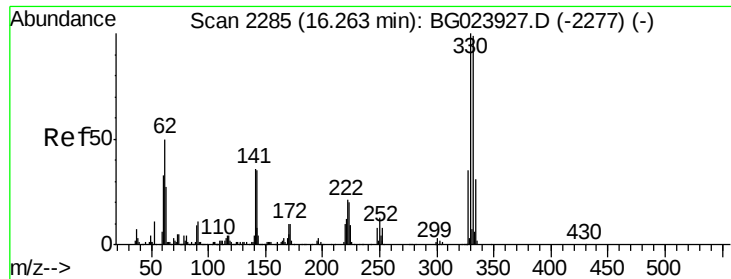


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

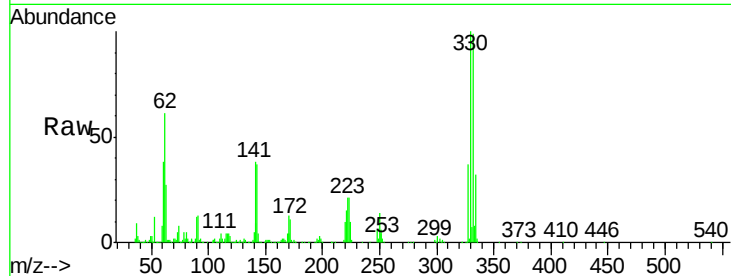




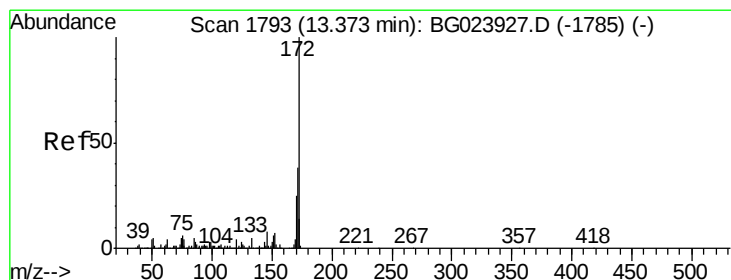
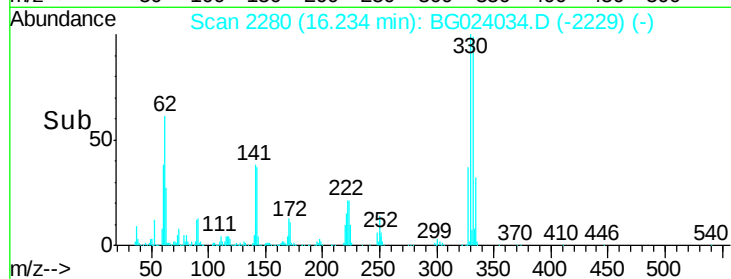
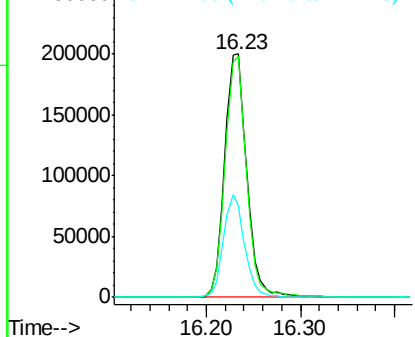
#41
 2,4,6-Tribromophenol
 Concen: 122.61 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG024034.D
 Acq: 20 Sep 2016 1:17

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SW1-4

Tgt Ion:330 Resp: 328579
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 40.2 31.7 47.5

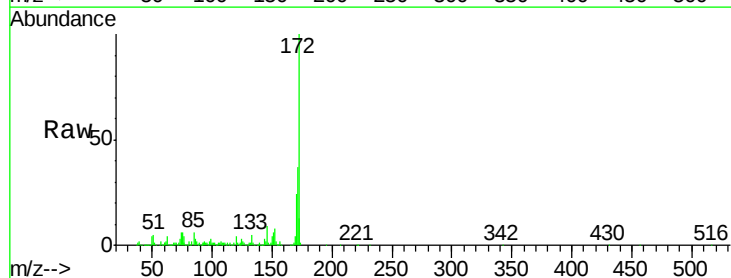


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

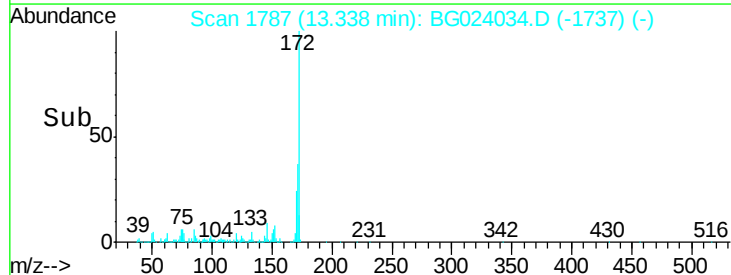
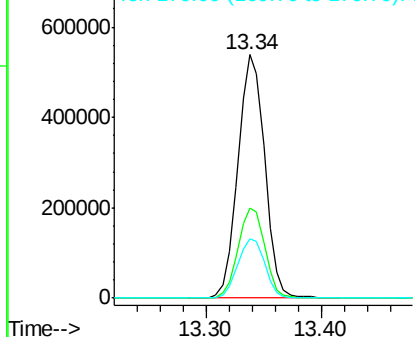


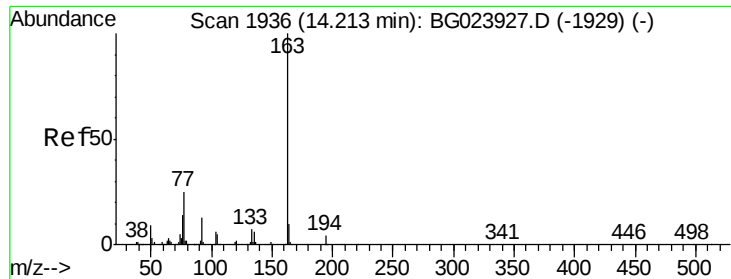
#44
 2-Fluorobiphenyl
 Concen: 83.31 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG024034.D
 Acq: 20 Sep 2016 1:17

Tgt Ion:172 Resp: 864344
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.6 47.4
 170 24.4 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: 14.07 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

Instrument :

BNA_G

ClientSampleId :

YORK-SW1-4

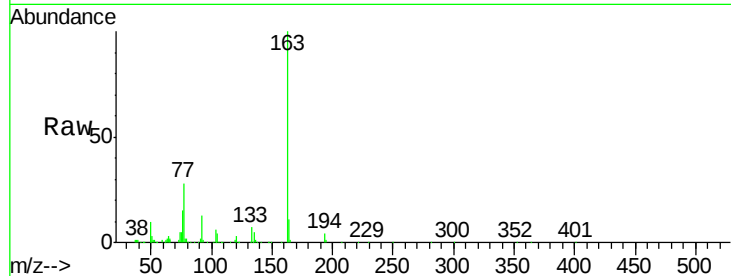
Tgt Ion:163 Resp: 179437

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

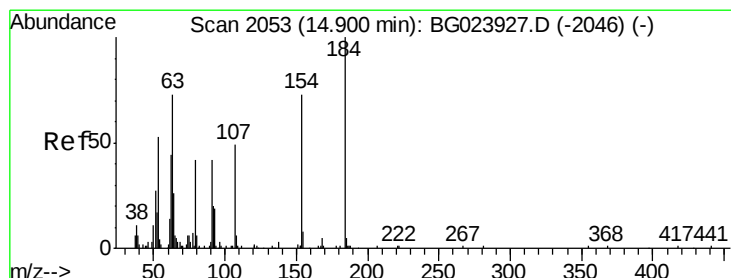
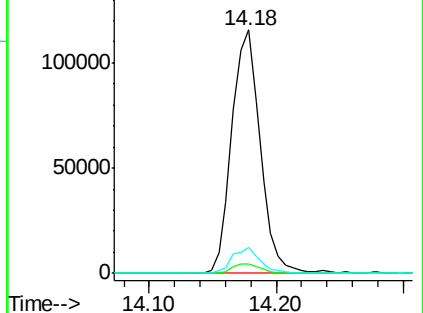
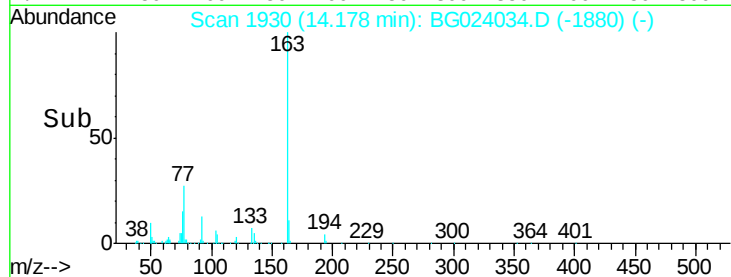
164 10.7 8.1 12.1



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: 14.77 min Scan# 2031

Delta R.T. -0.10 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

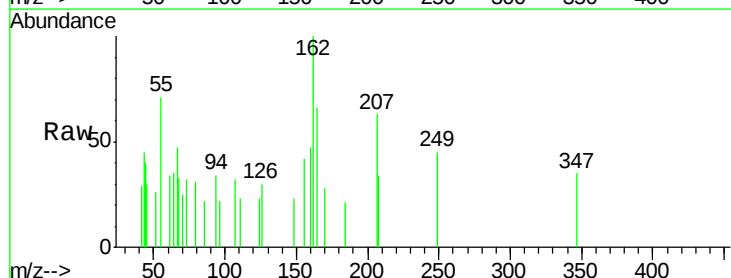
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

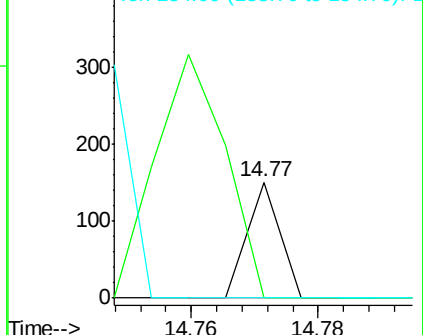
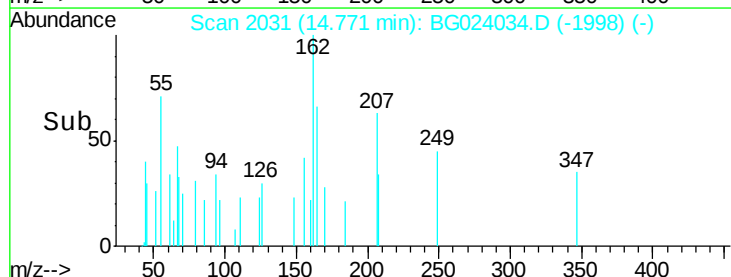
154 0.0 67.4 101.0#

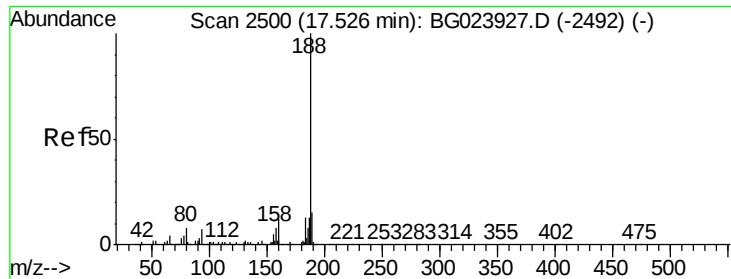


Abundance Ion 184.00 (183.70 to 184.70): E

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# 2494

Delta R.T. -0.00 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

Instrument :

BNA_G

ClientSampleId :

YORK-SW1-4

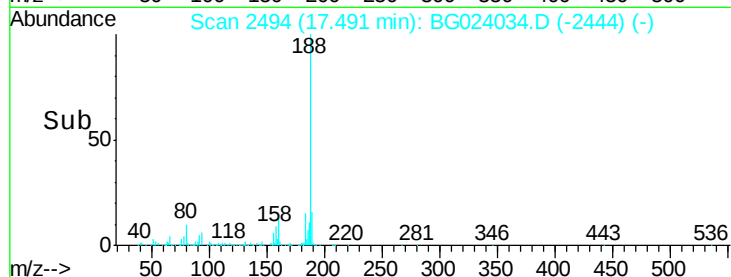
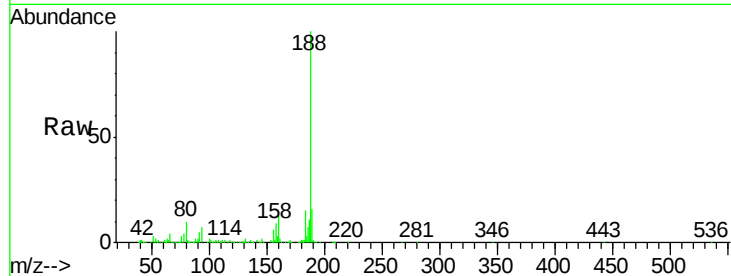
Tgt Ion:188 Resp: 354914

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

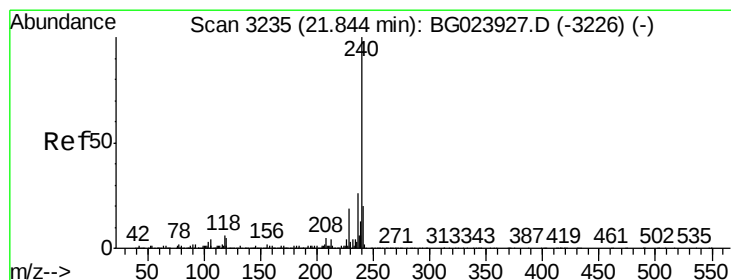
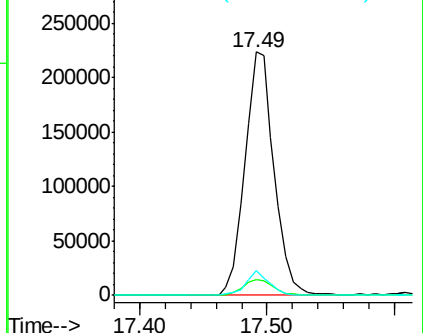
80 10.3 7.2 10.8



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# 3227

Delta R.T. -0.01 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

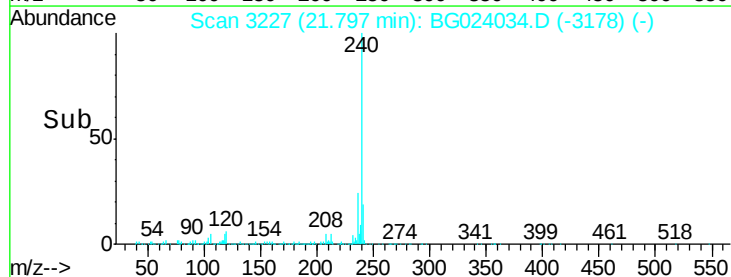
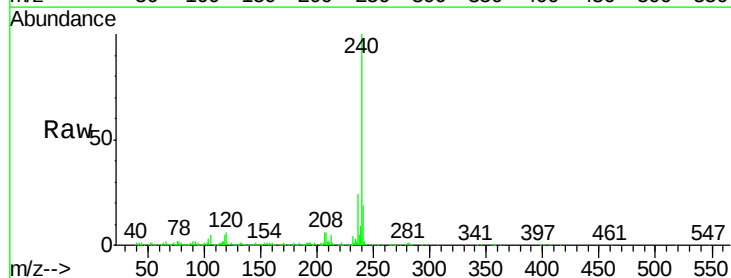
Tgt Ion:240 Resp: 429685

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

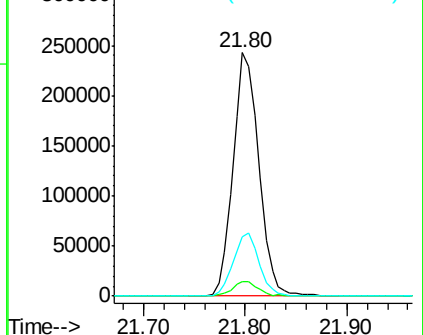
236 24.5 21.1 31.7

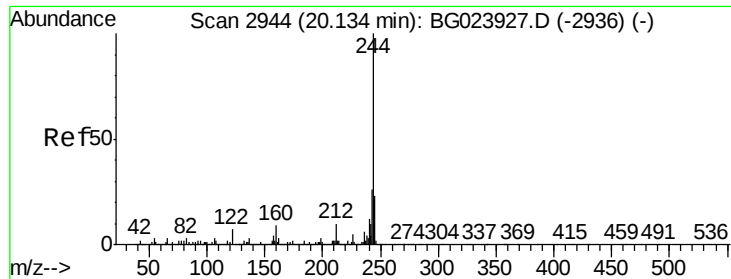


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.74 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.00 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

Instrument :

BNA_G

ClientSampleId :

YORK-SW1-4

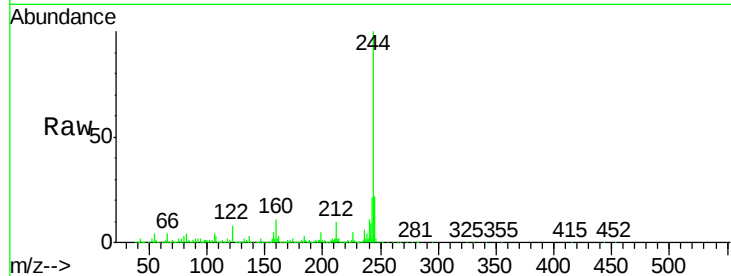
Tgt Ion:244 Resp: 1655356

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

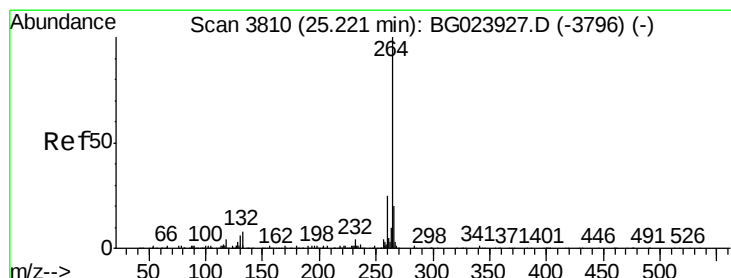
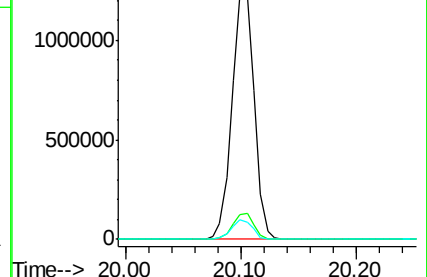
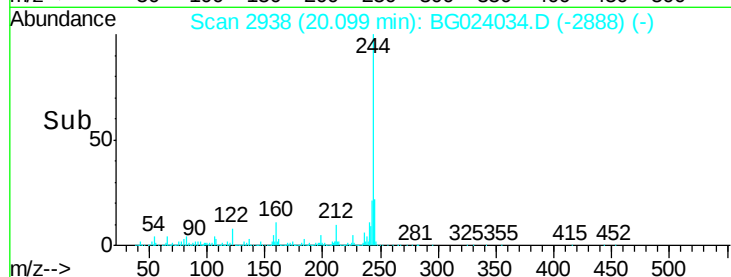
122 8.1 8.0 12.0



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# 3797

Delta R.T. -0.00 min

Lab File: BG024034.D

Acq: 20 Sep 2016 1:17

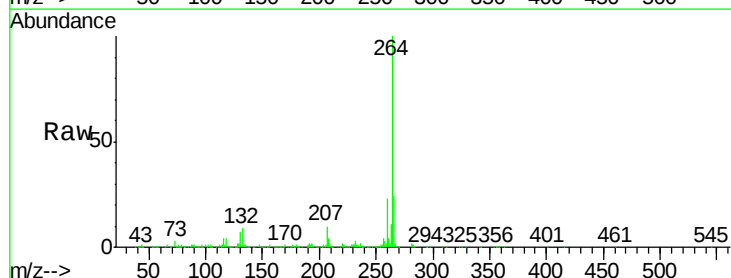
Tgt Ion:264 Resp: 421363

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 24.5 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

