

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 03:11:48 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

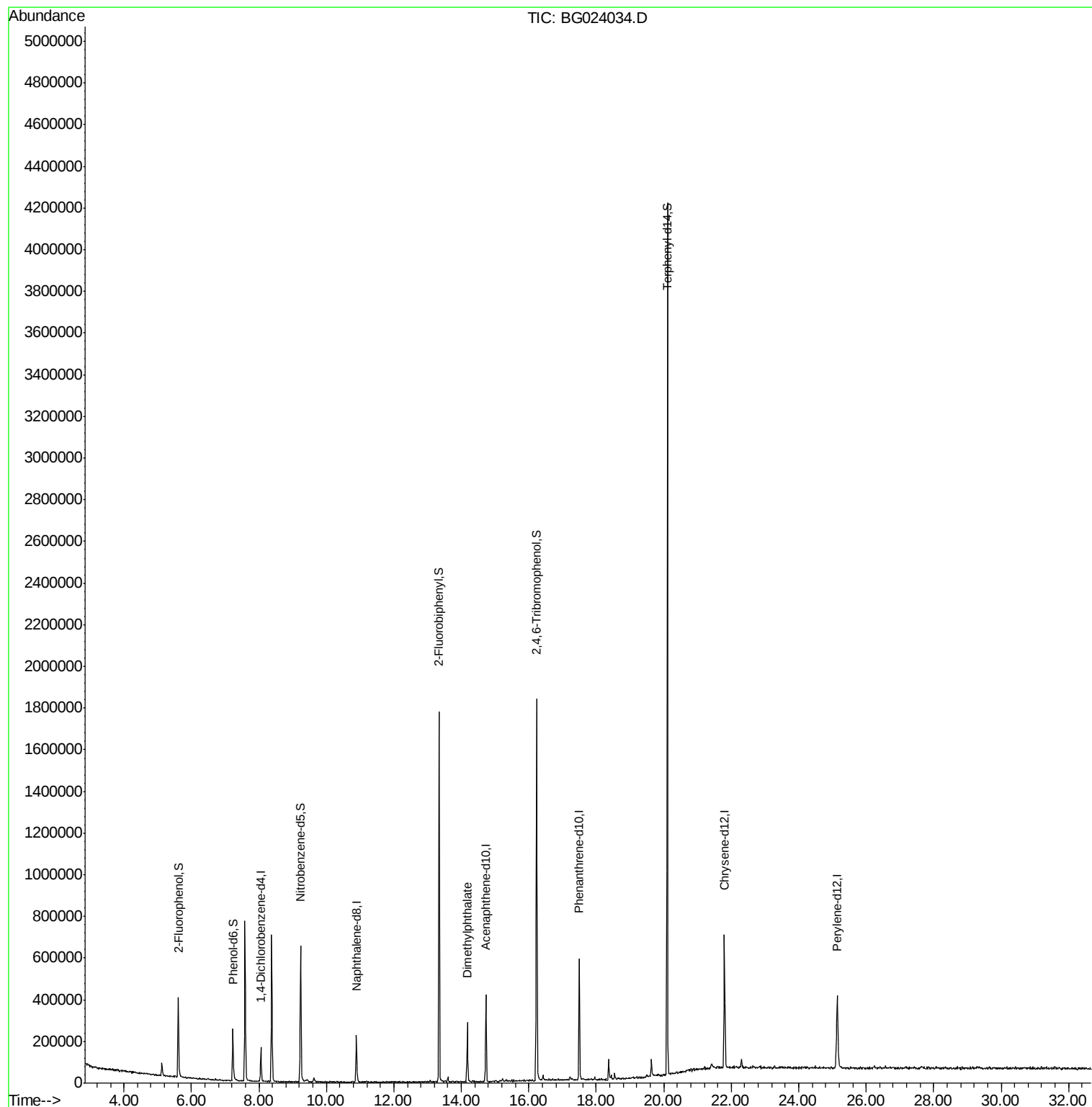
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41766	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	179449	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	148742	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	354914	20.00	ng	0.00
75) Chrysene-d12	21.80	240	429685	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						Qvalue
49) Dimethylphthalate	14.18	163	179437	14.07	ng	98

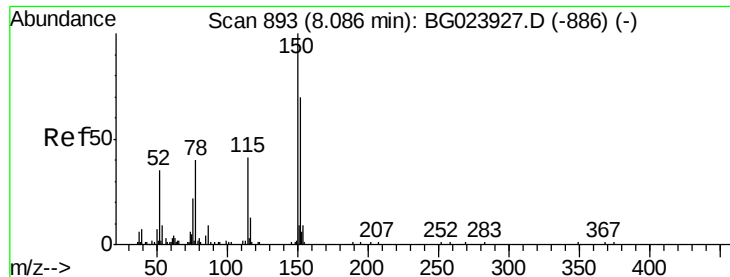
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

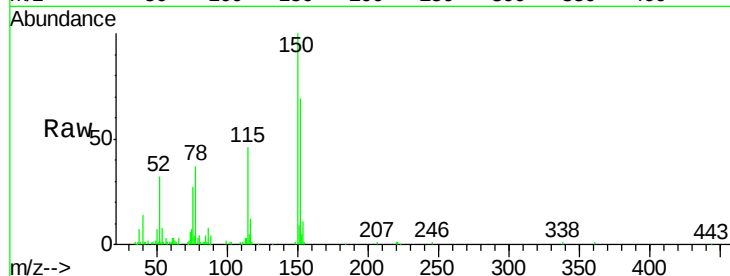
Tot Ion:152 Resp: 41766

Ion Ratio Lower Upper

152 100

150 145.9 144.7 217.1

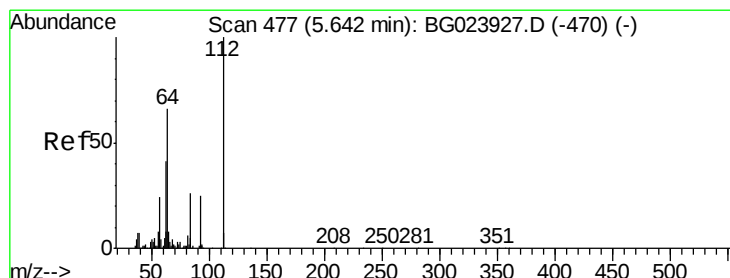
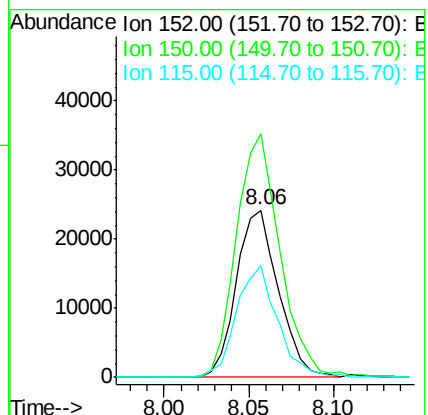
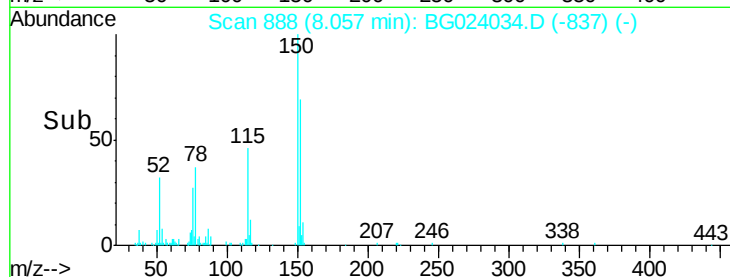
115 66.8 64.0 96.0



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

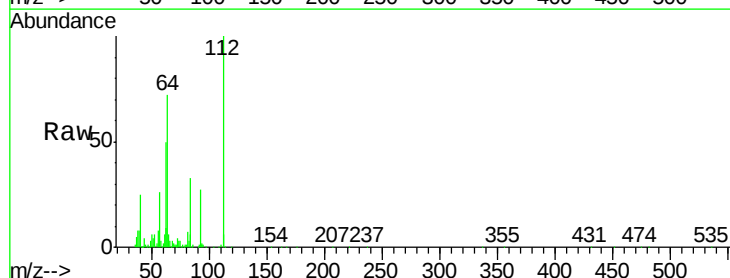
Tgt Ion:112 Resp: 159332

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

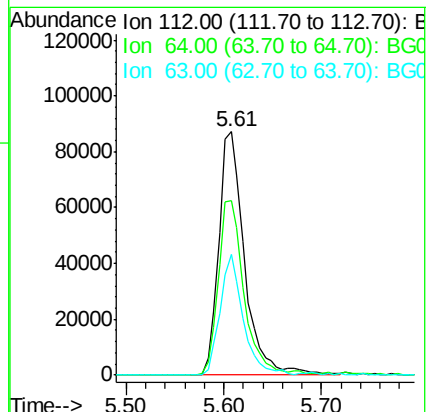
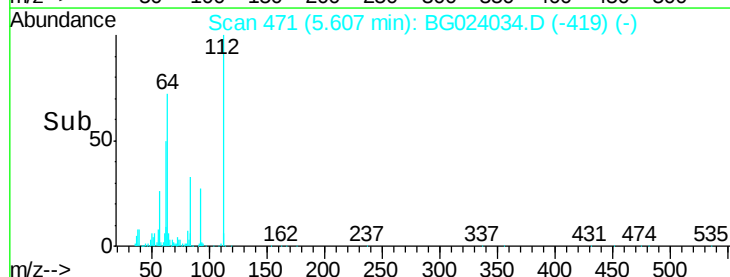
63 49.8 37.8 56.8

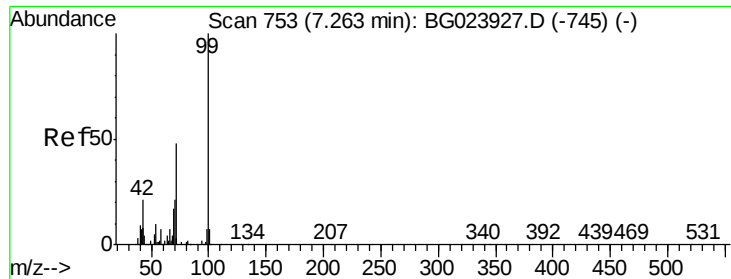


Abundance Ion 112.00 (111.70 to 112.70): E

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

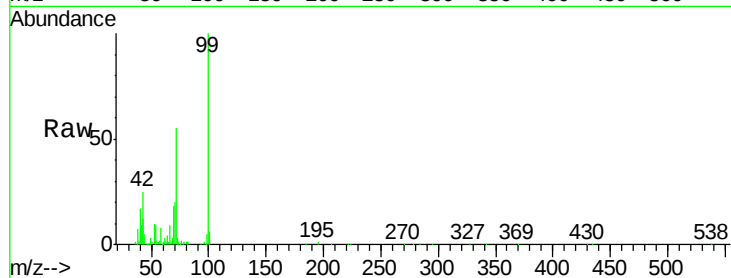
Tot Ion: 99 Resp: 148149

Ion Ratio Lower Upper

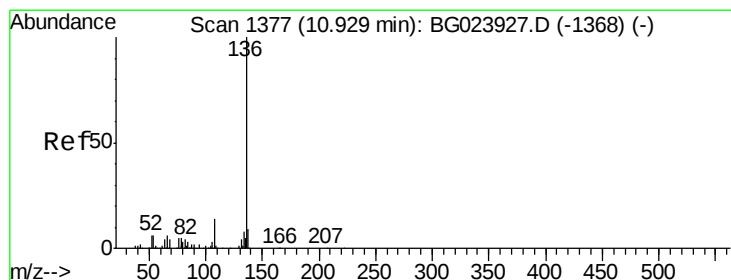
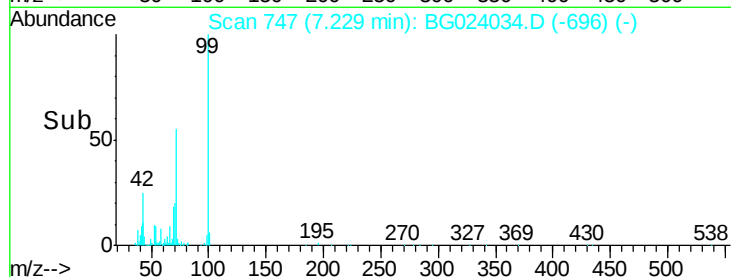
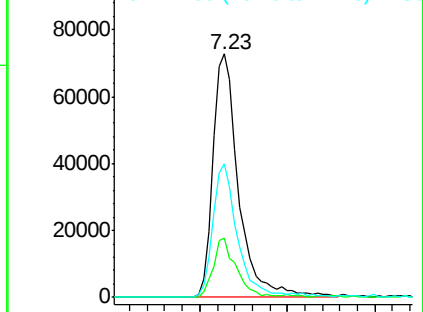
99 100

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



#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

Tgt Ion: 136 Resp: 179449

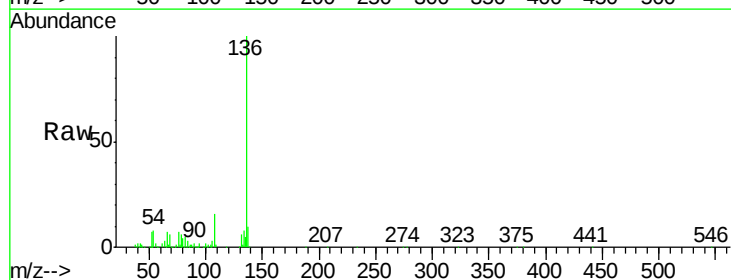
Ion Ratio Lower Upper

136 100

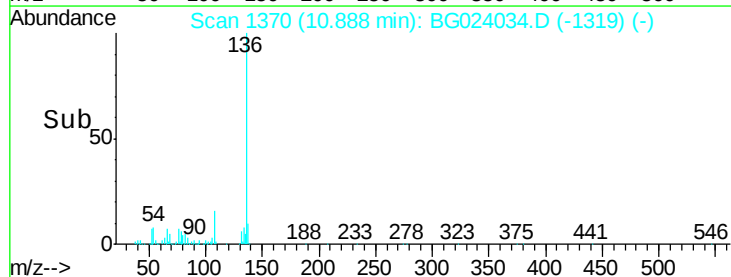
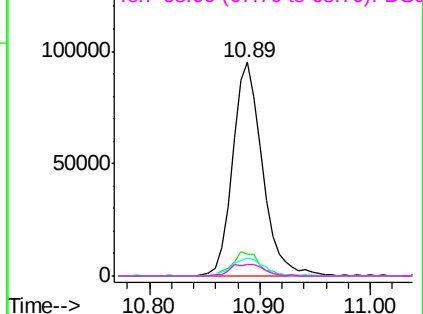
137 10.2 9.6 14.4

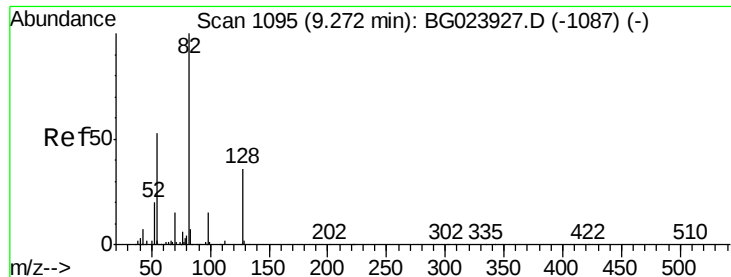
54 8.4 7.3 10.9

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

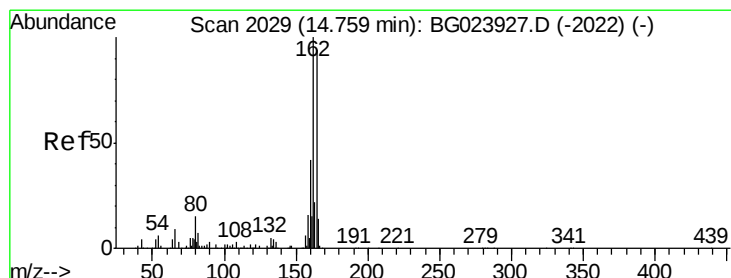
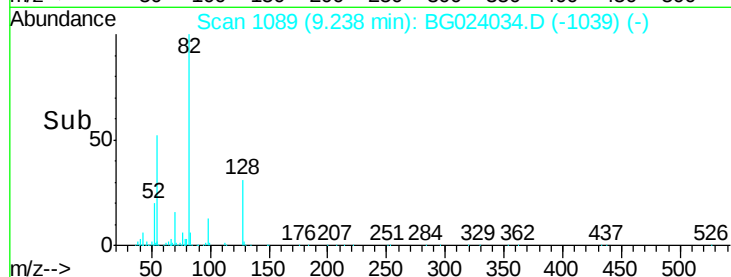
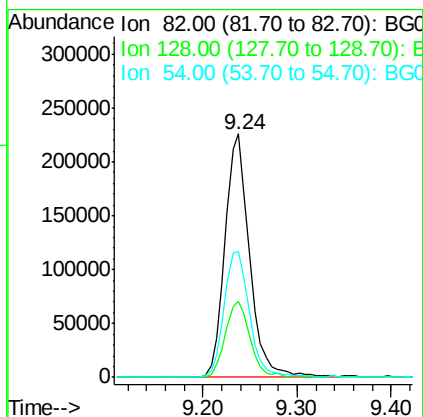




#23
 Nitrobenzene-d5
 Concen: 102.50 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BG024034.D
 Acq: 20 Sep 2016 1:17

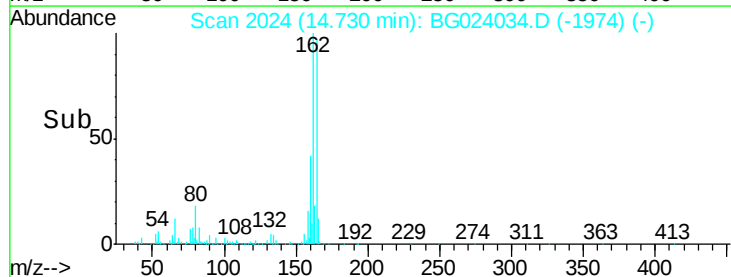
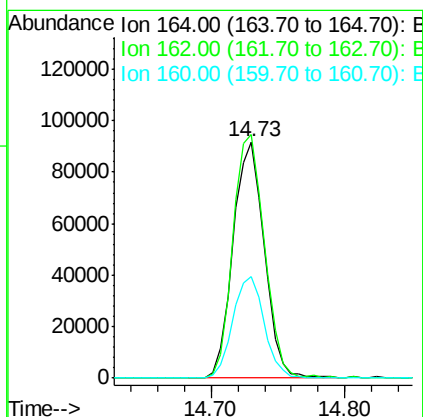
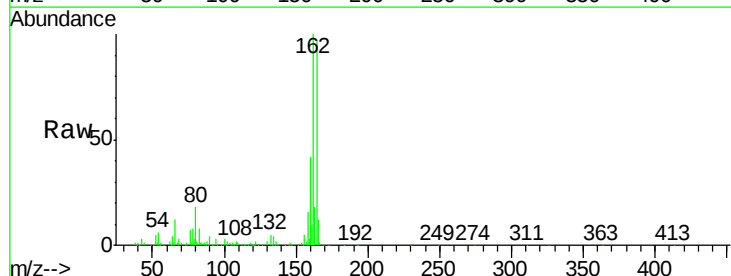
Instrument :
 BNA_G
 ClientSampleId :
 YORK-SW1-4

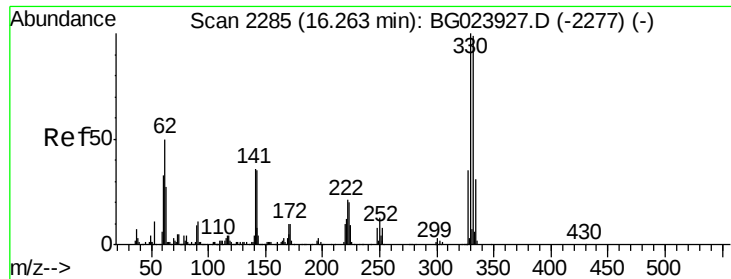
Tot Ion	82	Resp	412008
Ion Ratio	Lower	Upper	
82	100		
128	31.2	24.4	36.6
54	51.6	41.4	62.0



#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

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

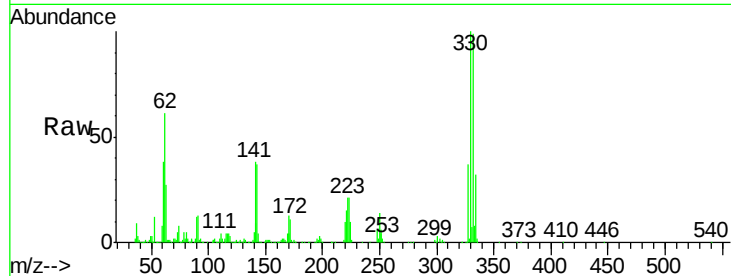




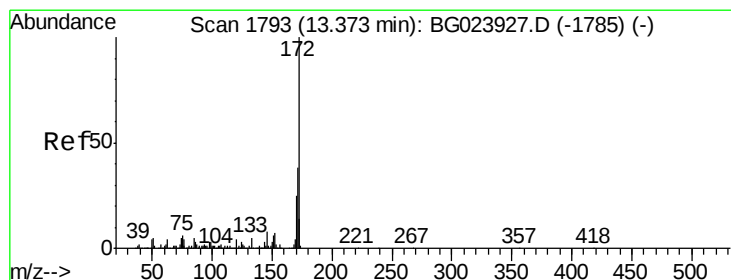
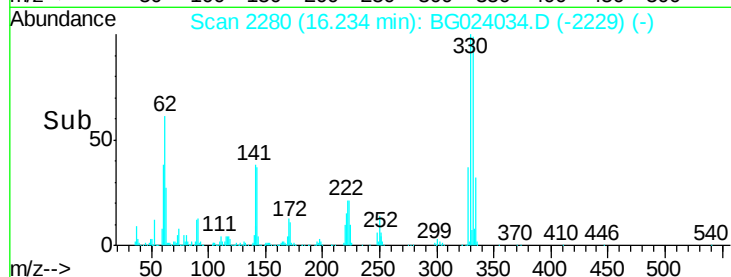
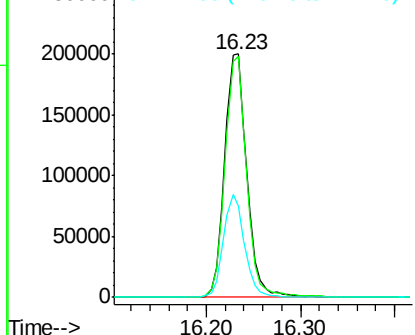
#41
2,4,6-Tribromophenol
Concen: 122.61 ng
RT: 16.23 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG024034.D
Acq: 20 Sep 2016 1:17

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-4

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

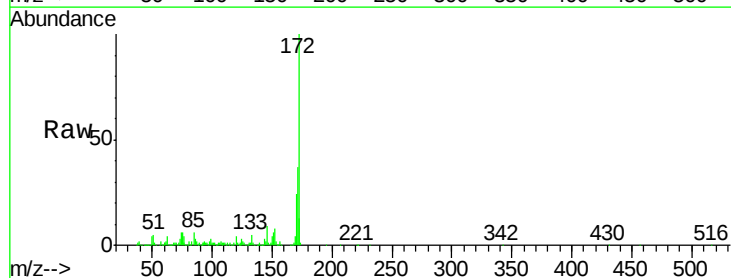


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

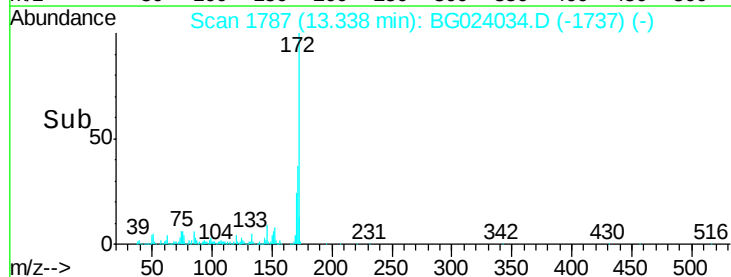
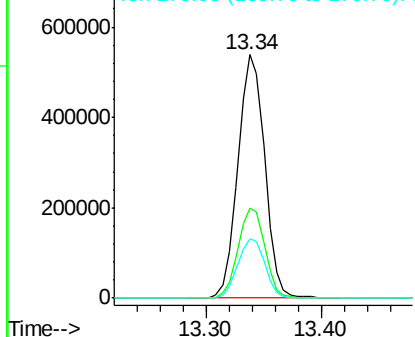


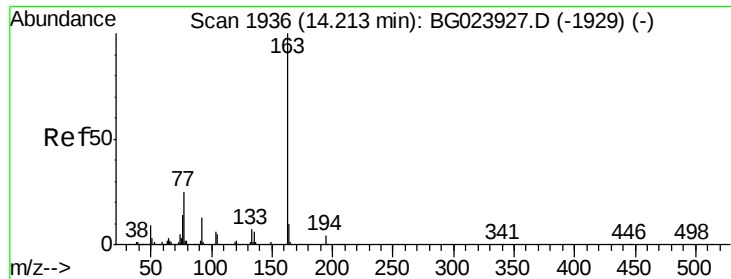
#44
2-Fluorobiphenyl
Concen: 83.31 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG024034.D
Acq: 20 Sep 2016 1:17

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

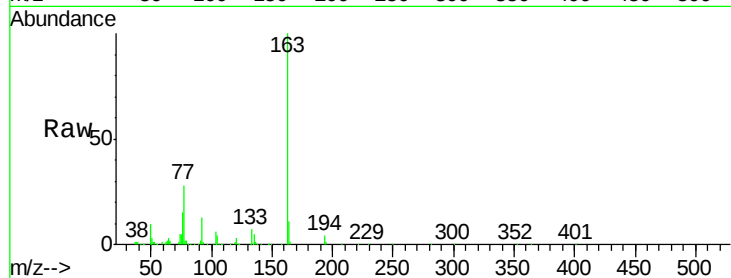
Tot Ion:163 Resp: 179437

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

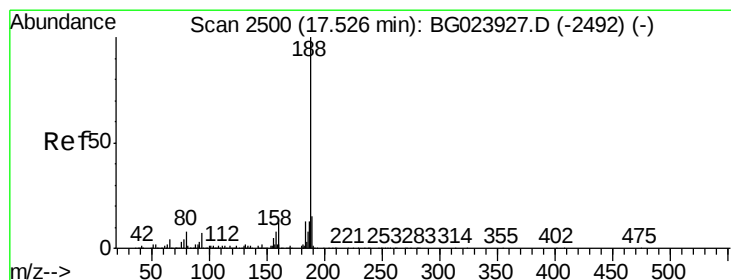
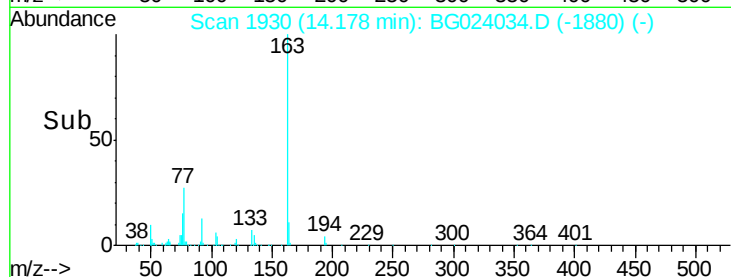
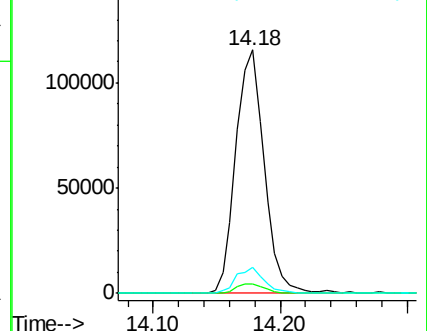
164 10.7 8.1 12.1



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



#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

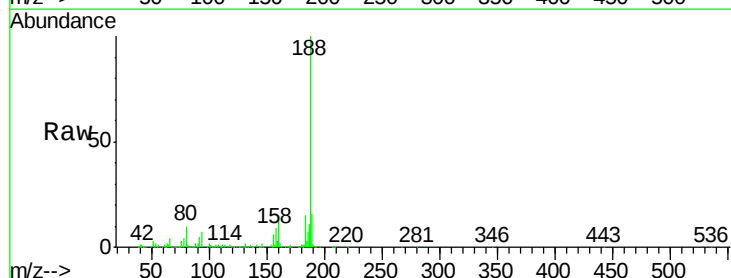
Tgt Ion:188 Resp: 354914

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

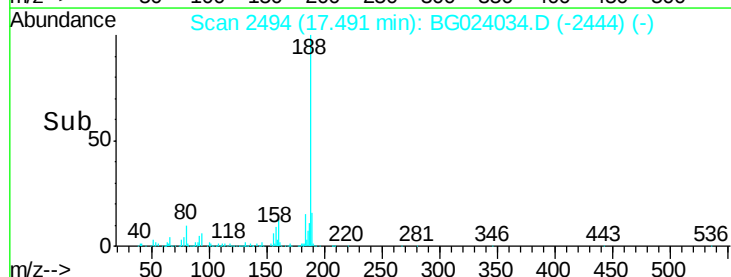
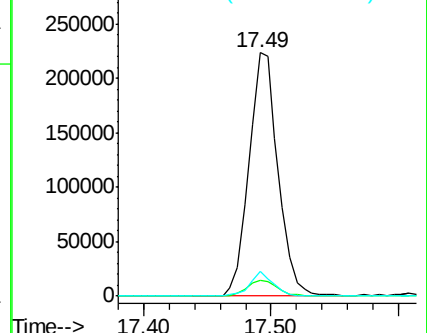
80 10.3 7.2 10.8

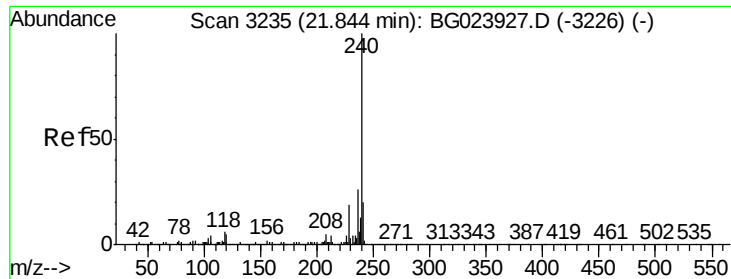


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

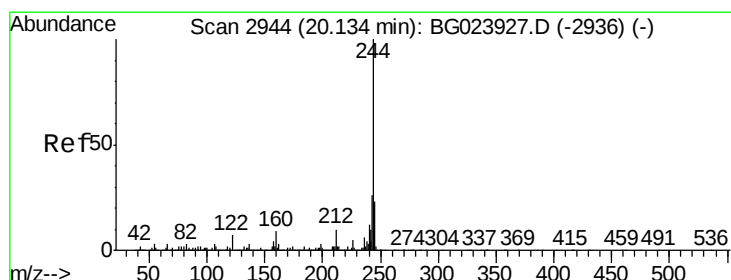
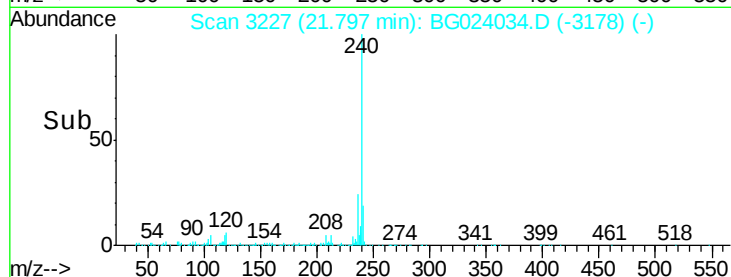
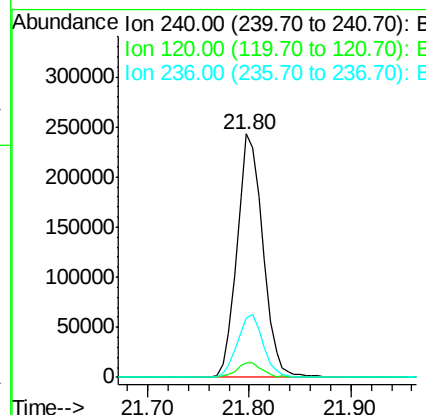
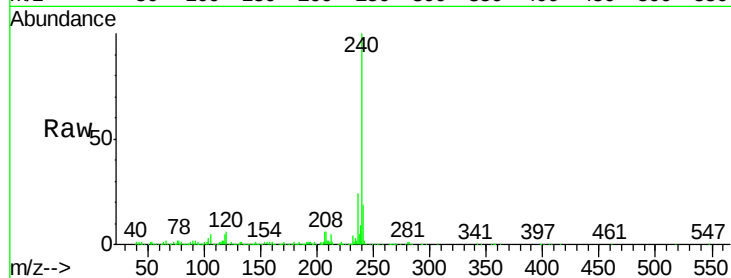




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BG024034.D
Acq: 20 Sep 2016 1:17

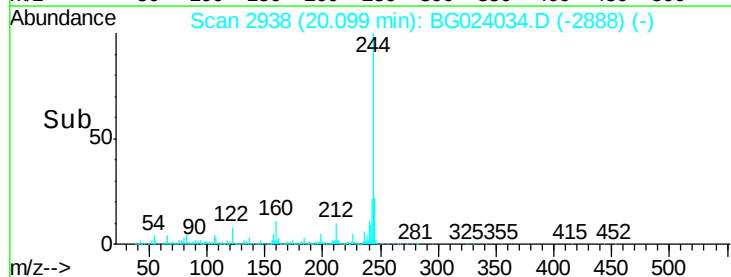
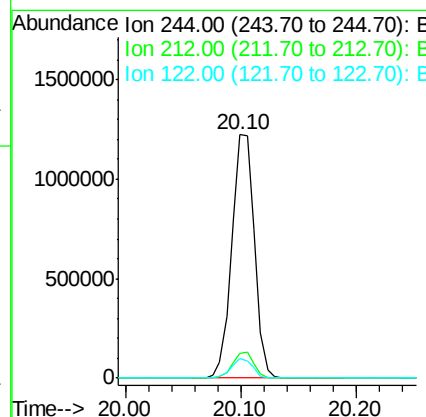
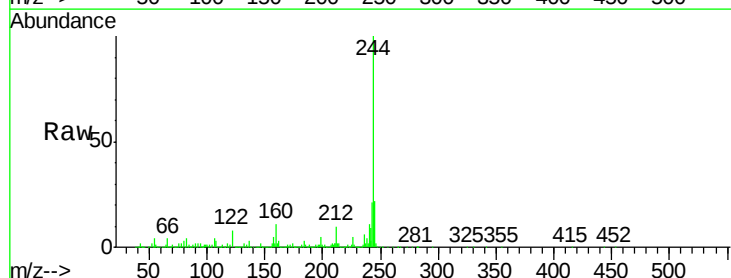
Instrument :
BNA_G
ClientSampleId :
YORK-SW1-4

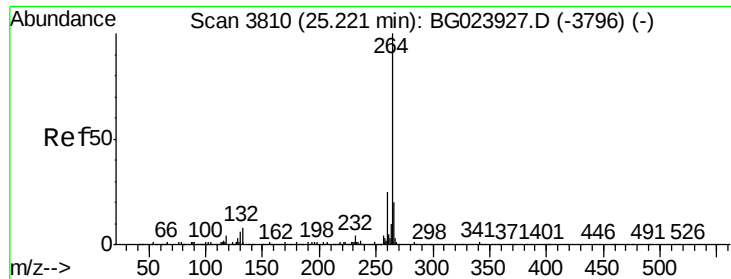
Tot Ion:240 Resp: 429685
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 24.5 21.1 31.7



#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

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





#86
 Pervlene-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

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SW1-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	24.5	18.9	28.3

