

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
 Data File : BG024075.D
 Acq On : 22 Sep 2016 19:05
 Operator : UM/SJ
 Sample : H4821-13 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB1-4

Quant Time: Sep 23 02:19:46 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	68449	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	293461	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	183385	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	370875	20.00	ng	0.00
75) Chrysene-d12	21.80	240	373005	20.00	ng	0.00
86) Perylene-d12	25.15	264	341340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	47044	12.07	ng	0.00
7) Phenol-d6	7.23	99	87759	14.62	ng	0.00
23) Nitrobenzene-d5	9.24	82	70351	10.70	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	14212	4.30	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	134686	10.53	ng	0.00
78) Terphenyl-d14	20.10	244	170874	10.43	ng	0.00

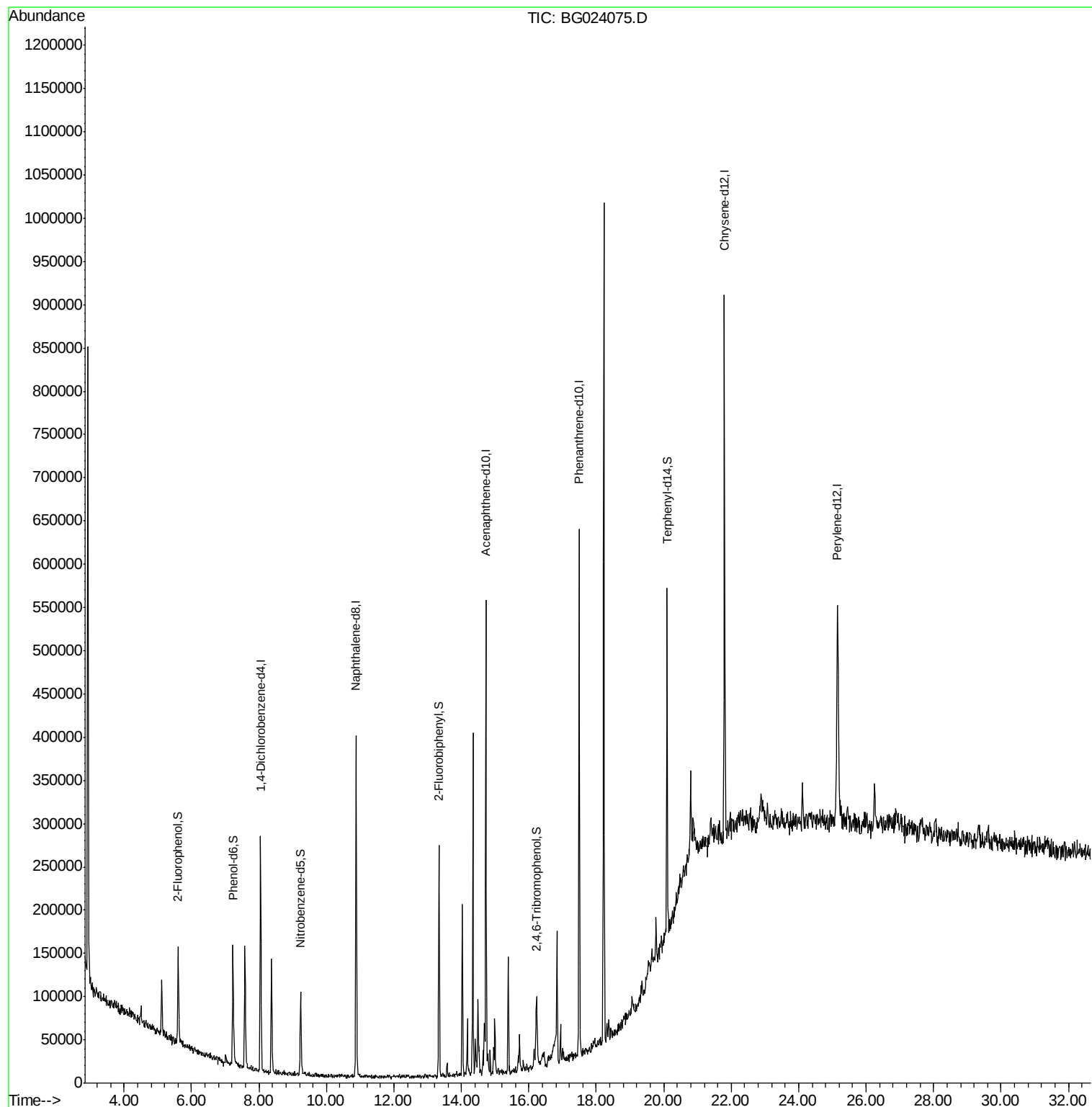
Target Compounds	Qvalue
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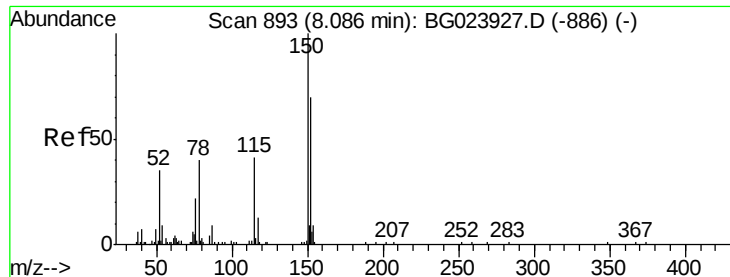
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024075.D

Acq: 22 Sep 2016 19:05

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

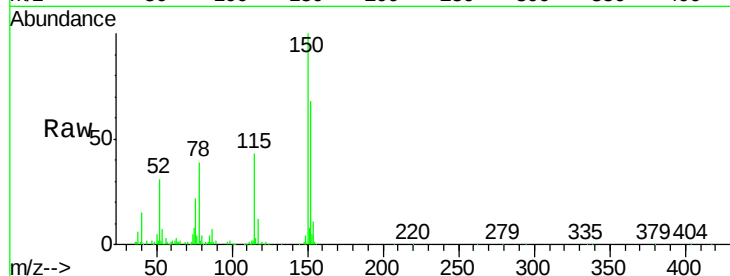
Tgt Ion:152 Resp: 68449

Ion Ratio Lower Upper

152 100

150 146.8 144.7 217.1

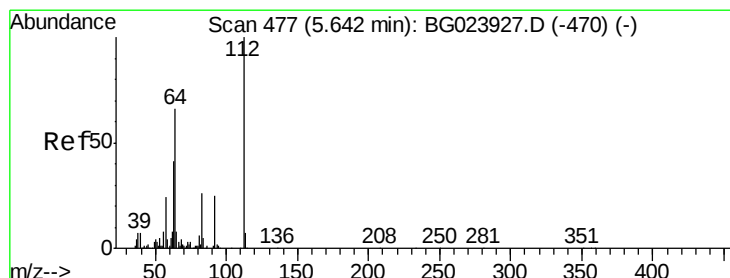
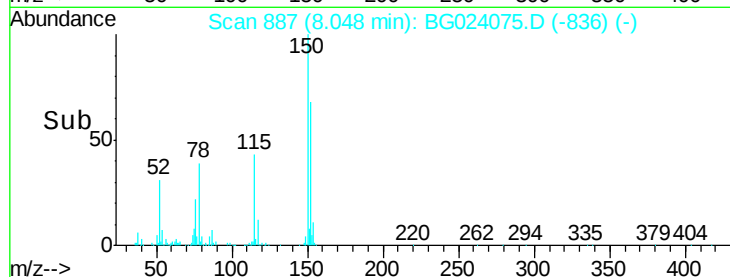
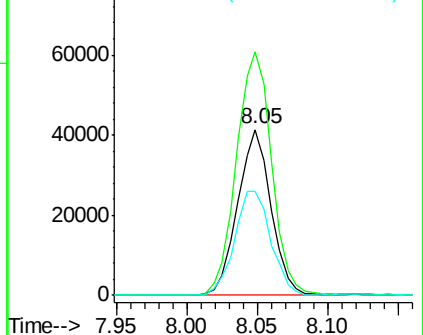
115 62.4 64.0 96.0#



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: 12.07 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.00 min

Lab File: BG024075.D

Acq: 22 Sep 2016 19:05

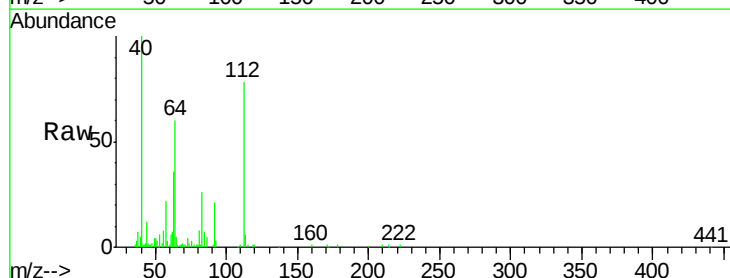
Tgt Ion:112 Resp: 47044

Ion Ratio Lower Upper

112 100

64 77.4 59.0 88.4

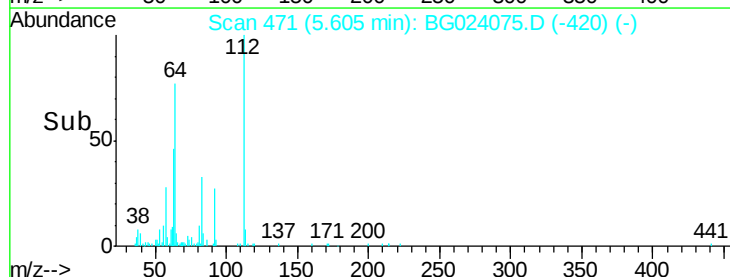
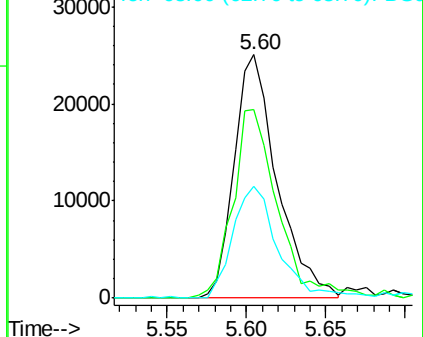
63 46.0 37.8 56.8

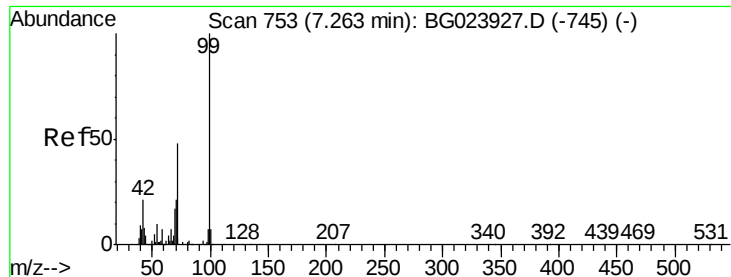


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 14.62 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG024075.D

Acq: 22 Sep 2016 19:05

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

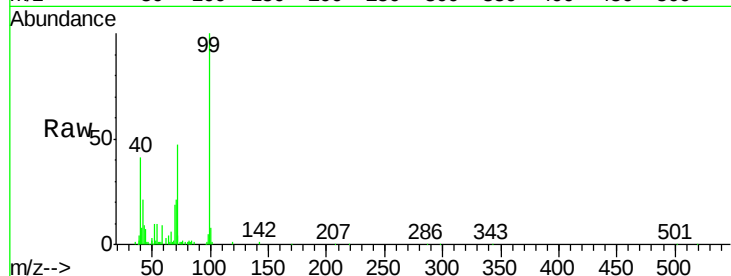
Tgt Ion: 99 Resp: 87759

Ion Ratio Lower Upper

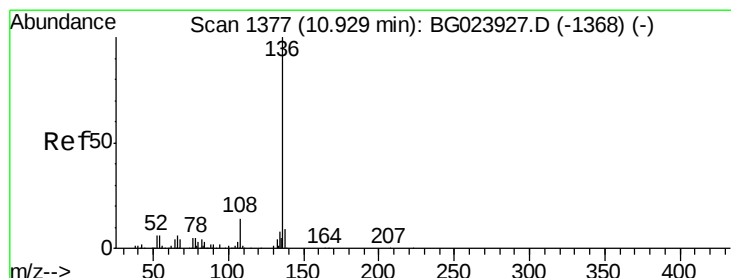
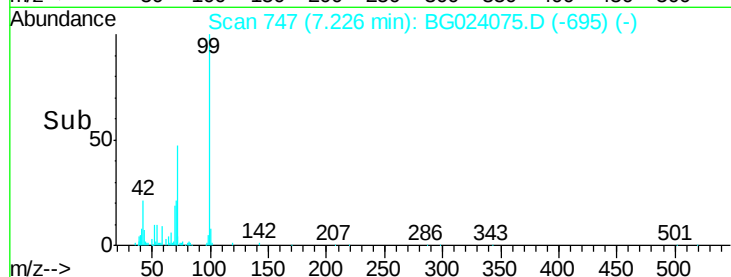
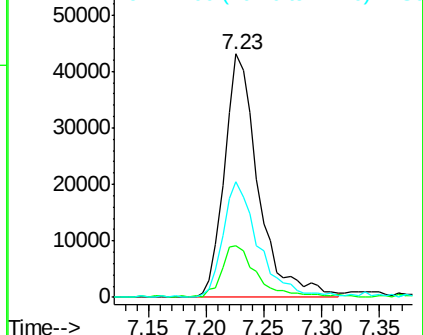
99 100

42 21.3 17.8 26.6

71 47.4 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: BG024075.D

Acq: 22 Sep 2016 19:05

Tgt Ion: 136 Resp: 293461

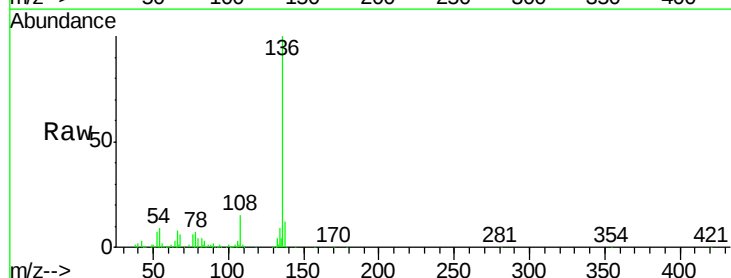
Ion Ratio Lower Upper

136 100

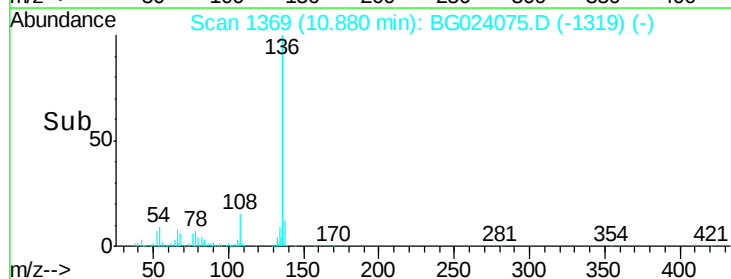
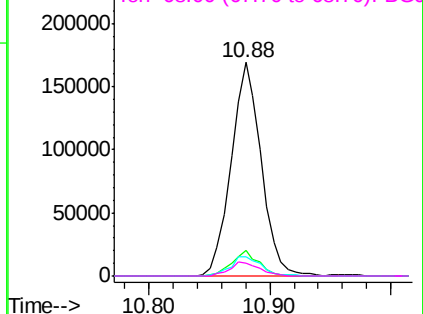
137 12.2 9.6 14.4

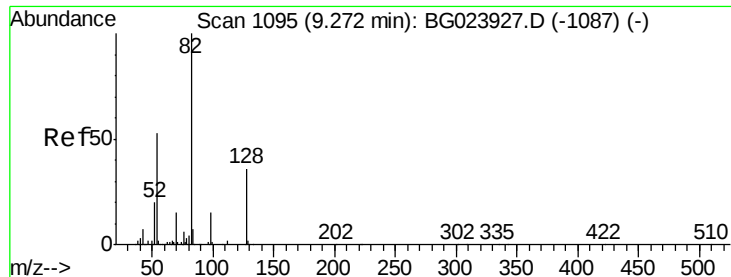
54 8.9 7.3 10.9

68 6.1 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

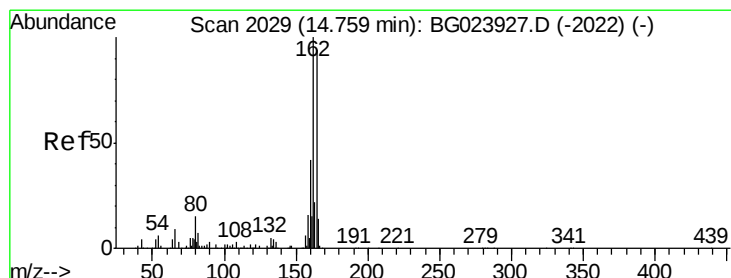
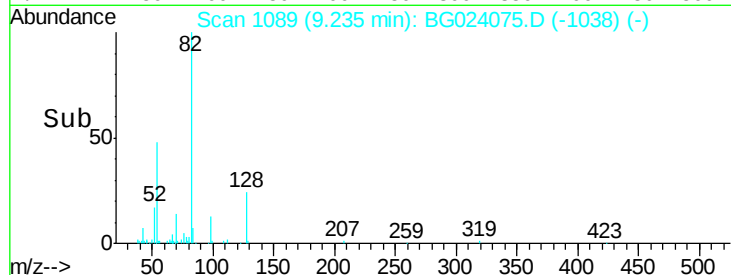
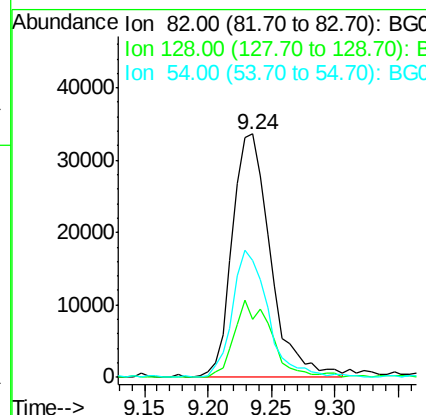
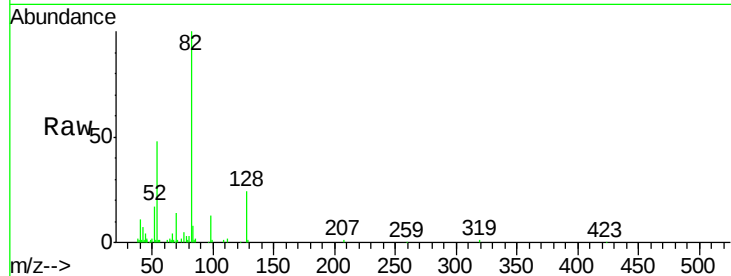




#23
 Nitrobenzene-d5
 Concen: 10.70 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BG024075.D
 Acq: 22 Sep 2016 19:05

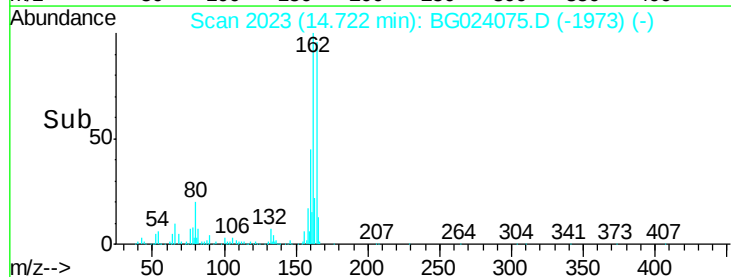
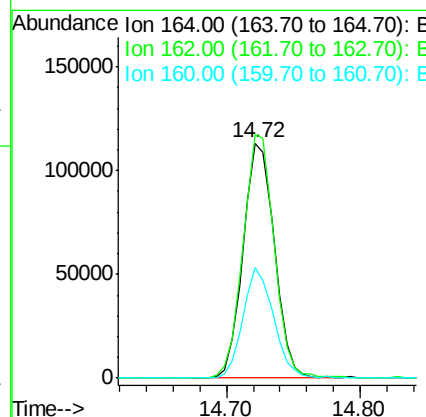
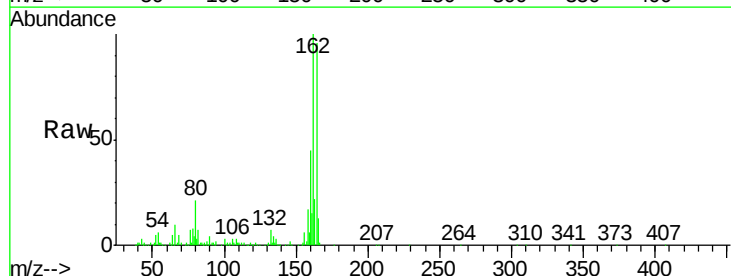
Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB1-4

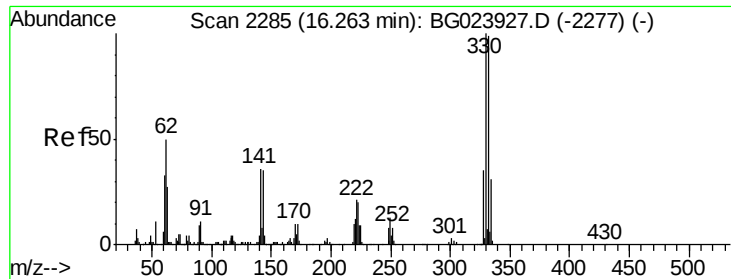
Tgt Ion	Ratio	Lower	Upper
82	100		
128	23.6	24.4	36.6#
54	48.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG024075.D
 Acq: 22 Sep 2016 19:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	87.7	131.5
160	46.9	37.2	55.8

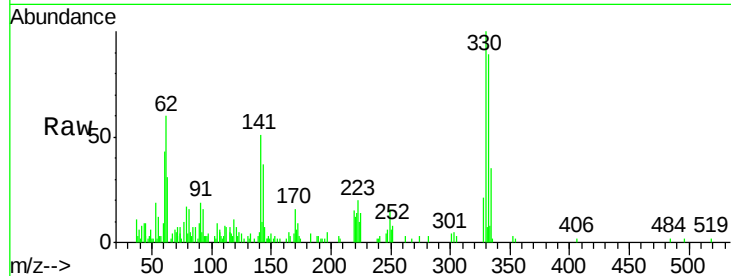




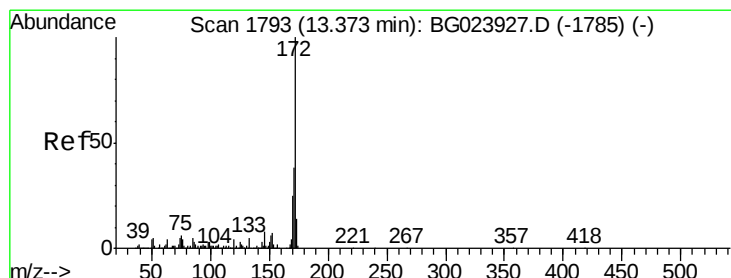
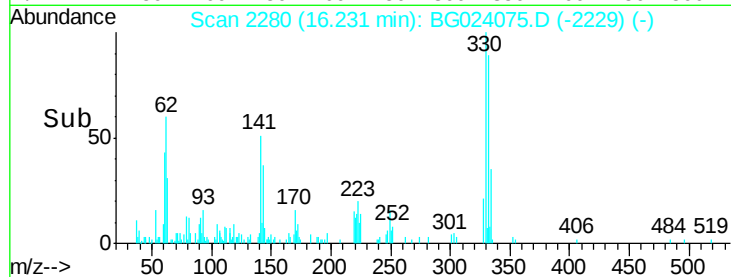
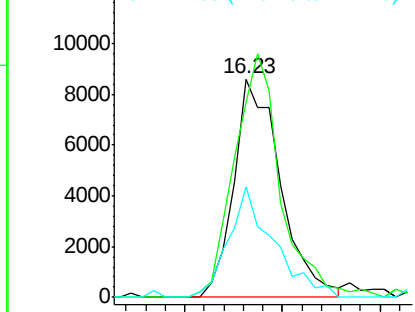
#41
 2,4,6-Tribromophenol
 Concen: 4.30 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024075.D
 Acq: 22 Sep 2016 19:05

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB1-4

Tgt Ion:330 Resp: 14212
 Ion Ratio Lower Upper
 330 100
 332 110.9 77.4 116.2
 141 48.5 31.7 47.5#

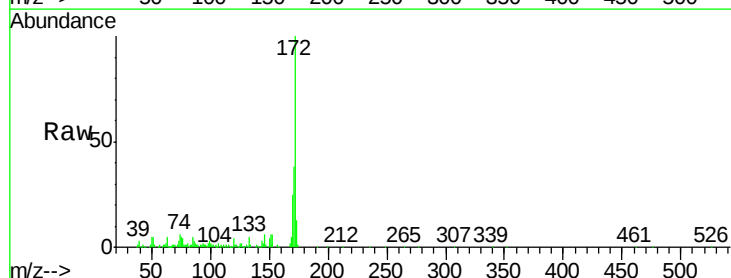


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

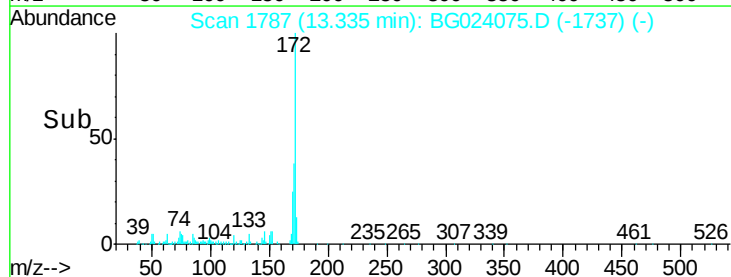
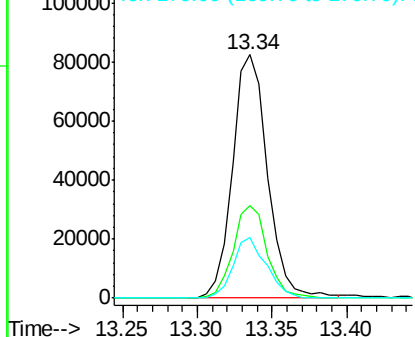


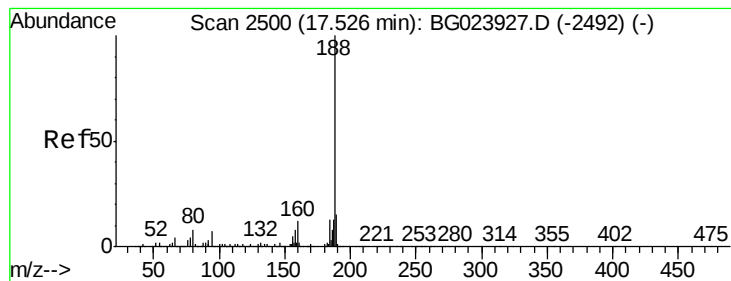
#44
 2-Fluorobiphenyl
 Concen: 10.53 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG024075.D
 Acq: 22 Sep 2016 19:05

Tgt Ion:172 Resp: 134686
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.6 47.4
 170 25.1 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG024075.D

Acq: 22 Sep 2016 19:05

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

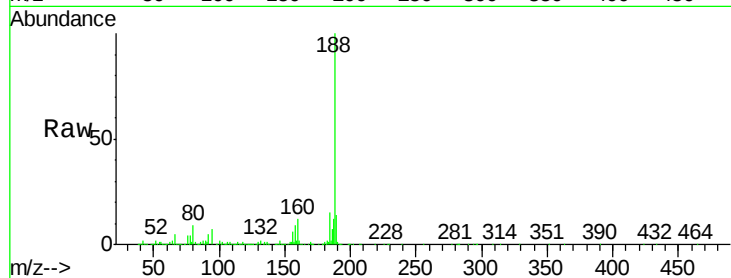
Tgt Ion:188 Resp: 370875

Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

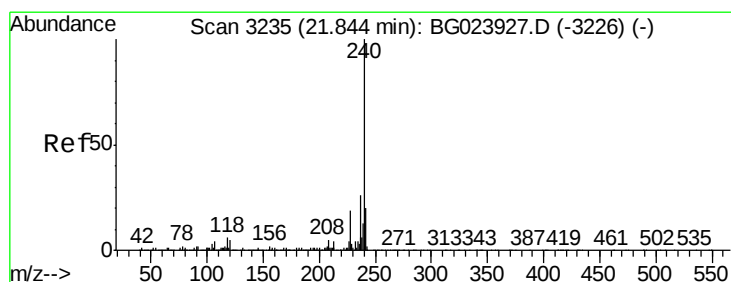
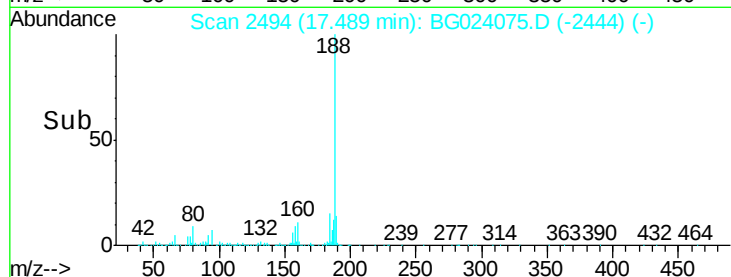
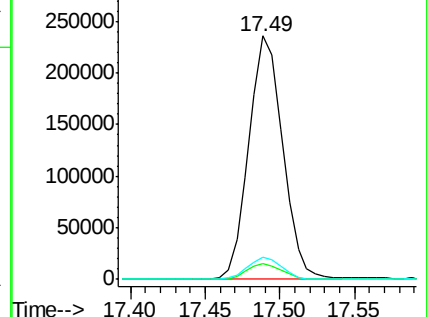
80 9.0 7.2 10.8



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. -0.01 min

Lab File: BG024075.D

Acq: 22 Sep 2016 19:05

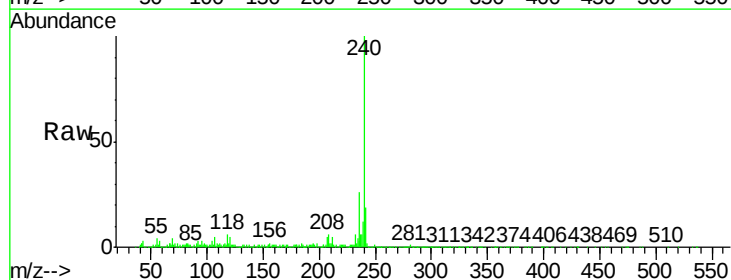
Tgt Ion:240 Resp: 373005

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

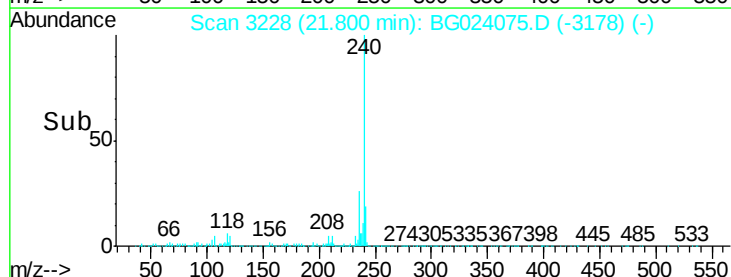
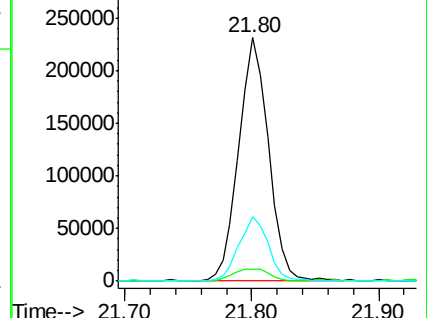
236 26.5 21.1 31.7

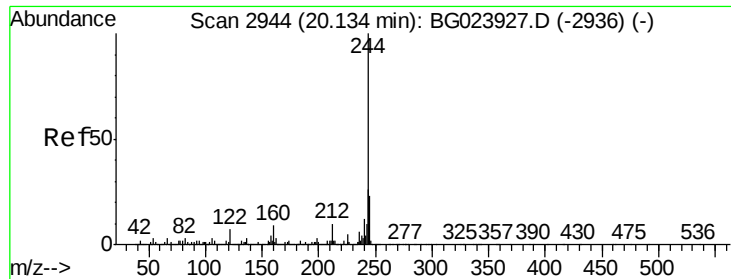


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 10.43 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG024075.D

Acq: 22 Sep 2016 19:05

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

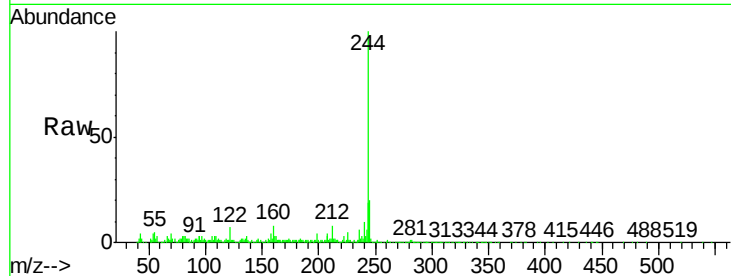
Tgt Ion:244 Resp: 170874

Ion Ratio Lower Upper

244 100

212 8.2 10.8 16.2#

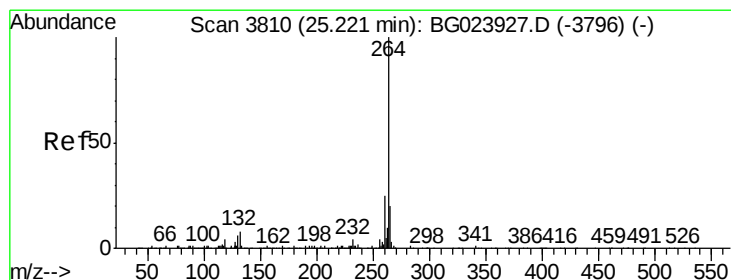
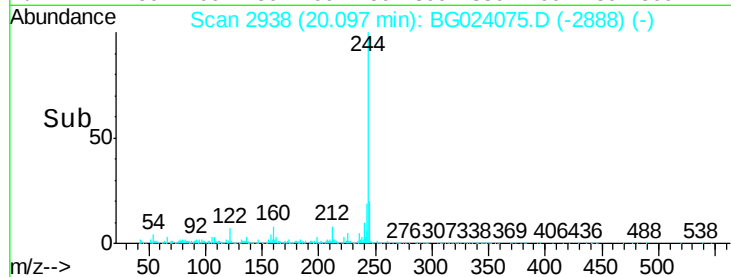
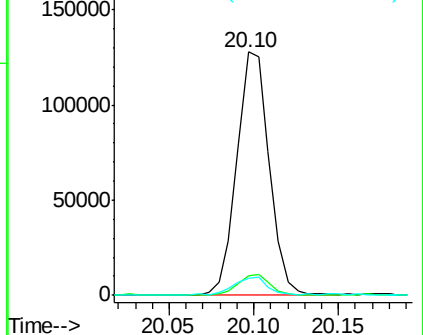
122 7.3 8.0 12.0#



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# 3799

Delta R.T. -0.00 min

Lab File: BG024075.D

Acq: 22 Sep 2016 19:05

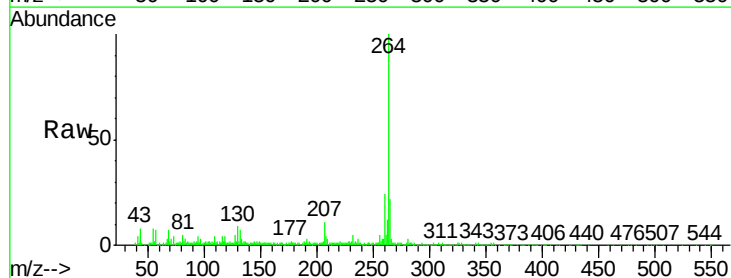
Tgt Ion:264 Resp: 341340

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.0 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

