

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
 Data File : BG024062.D
 Acq On : 21 Sep 2016 19:37
 Operator : UM/SJ
 Sample : H4821-13 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB1-4

Quant Time: Sep 22 07:36:34 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	89137	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	376792	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	268064	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	488782	20.00	ng	0.00
75) Chrysene-d12	21.80	240	525941	20.00	ng	0.00
86) Perylene-d12	25.16	264	532316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	43353	8.54	ng	0.00
7) Phenol-d6	7.23	99	79144	10.13	ng	0.01
23) Nitrobenzene-d5	9.24	82	70122	8.31	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	8497	1.76	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	130926	7.00	ng	0.00
78) Terphenyl-d14	20.10	244	171422	7.42	ng	0.00

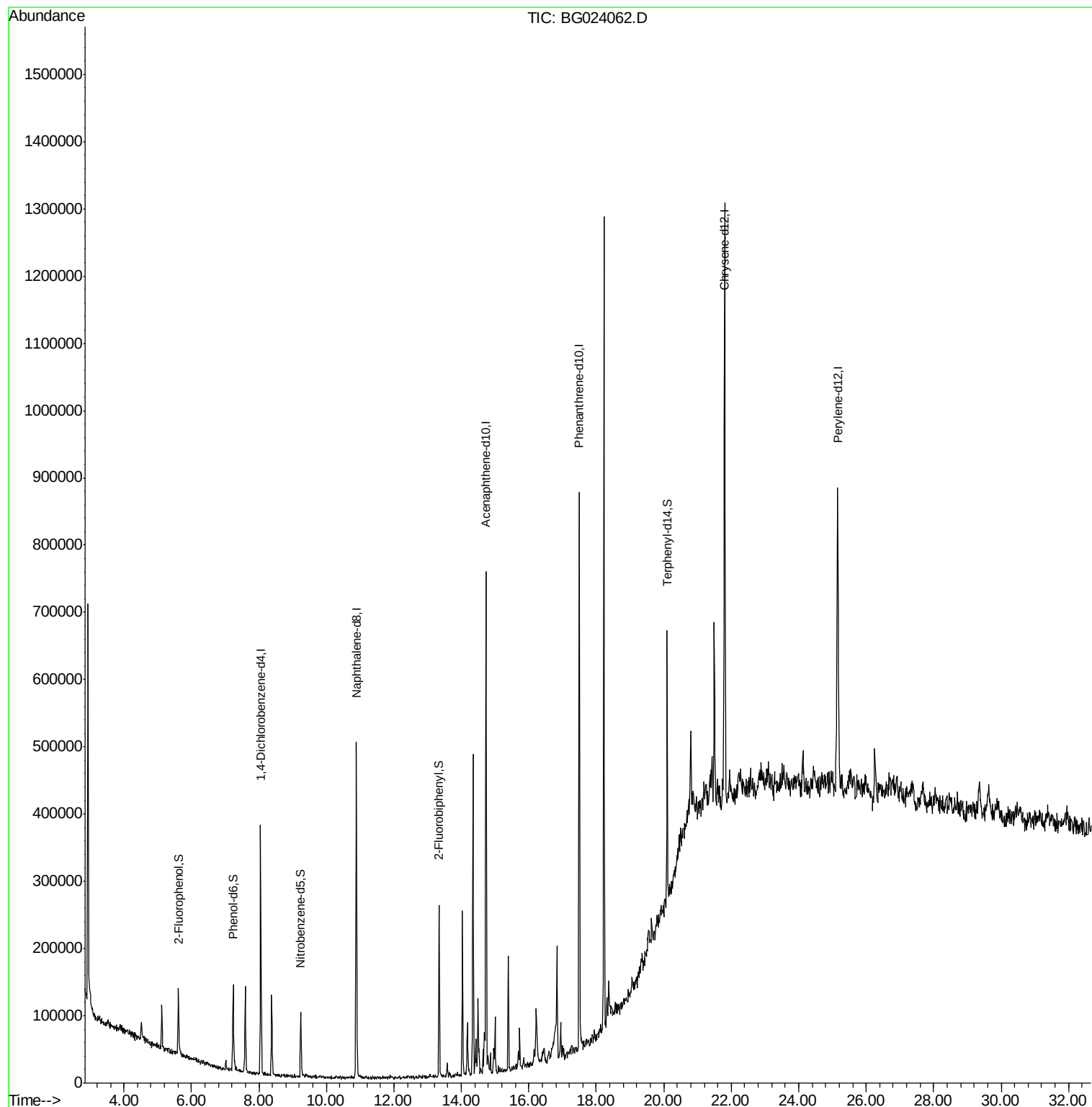
Target Compounds Qvalue

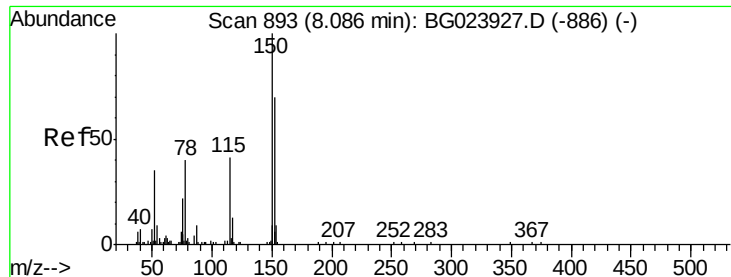
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024062.D

Acq: 21 Sep 2016 19:37

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

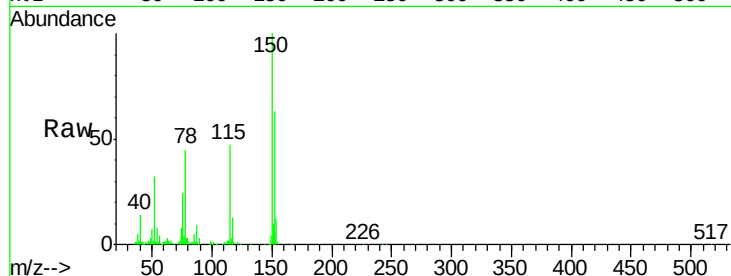
Tot Ion:152 Resp: 89137

Ion Ratio Lower Upper

152 100

150 159.6 144.7 217.1

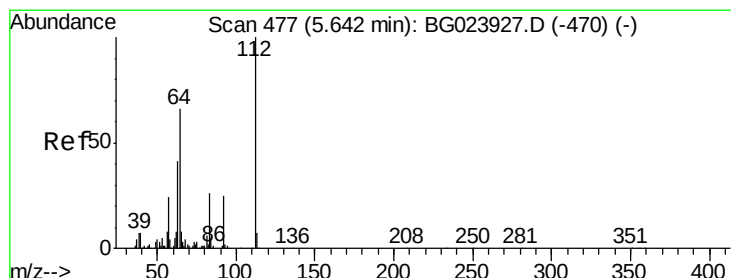
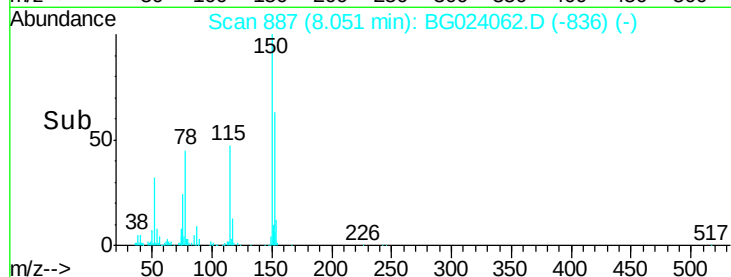
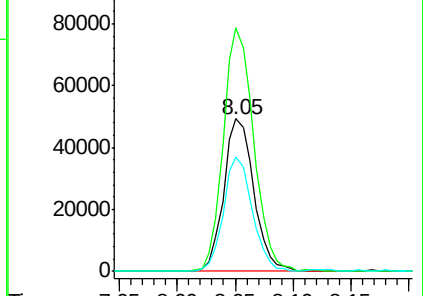
115 74.7 64.0 96.0



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: 8.54 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

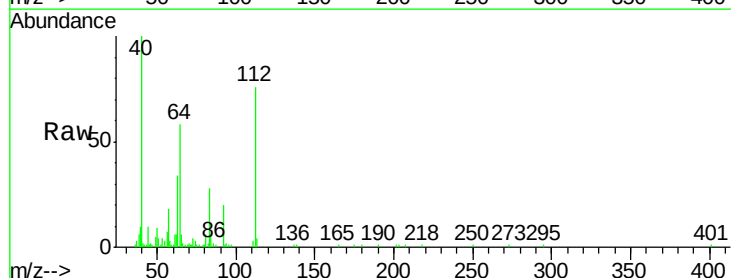
Tgt Ion:112 Resp: 43353

Ion Ratio Lower Upper

112 100

64 76.8 59.0 88.4

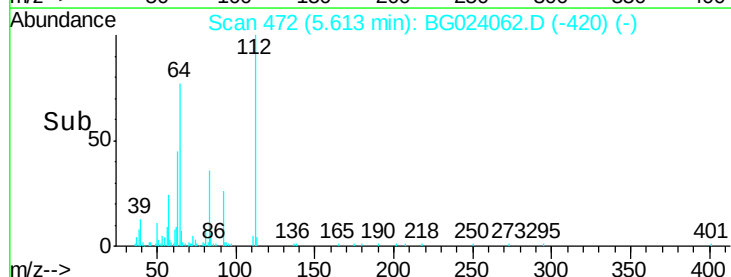
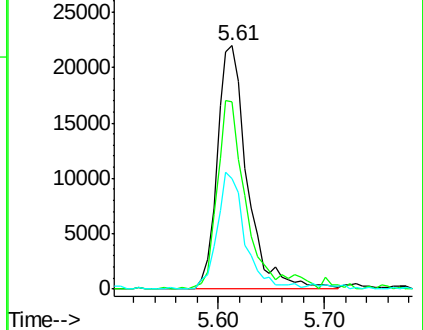
63 45.4 37.8 56.8

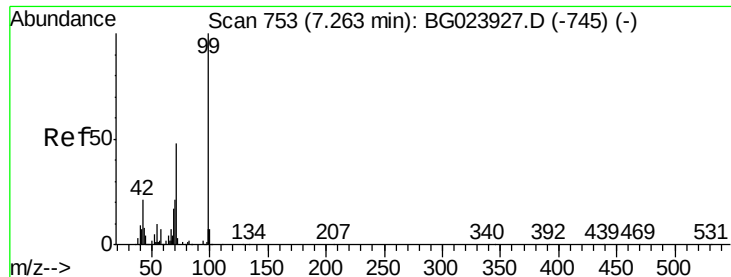


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 10.13 ng

RT: 7.23 min Scan# 748

Delta R.T. 0.01 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

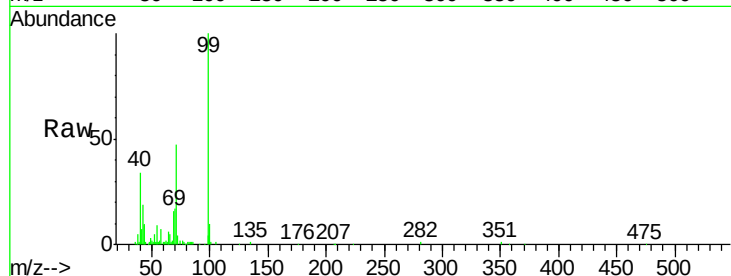
Tot Ion: 99 Resp: 79144

Ion Ratio Lower Upper

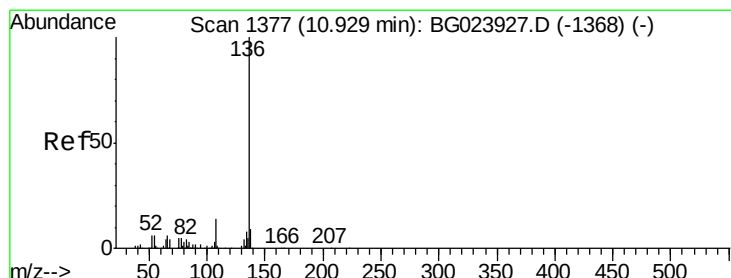
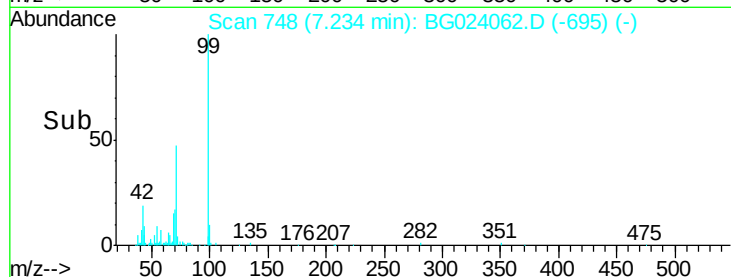
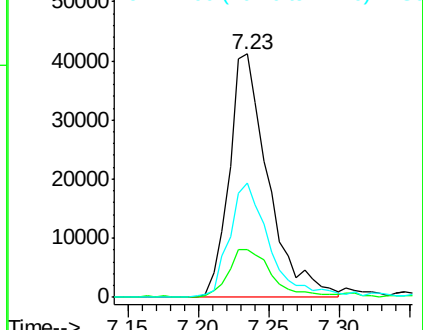
99 100

42 19.5 17.8 26.6

71 46.9 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: BG024062.D

Acq: 21 Sep 2016 19:37

Tgt Ion: 136 Resp: 376792

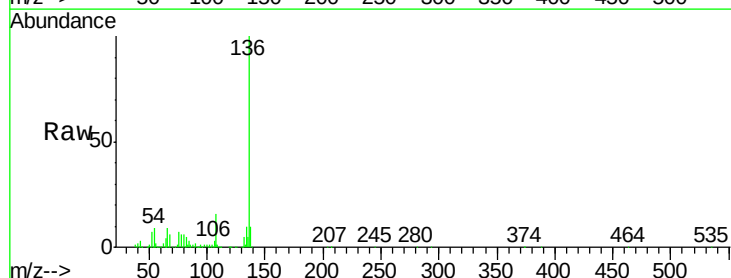
Ion Ratio Lower Upper

136 100

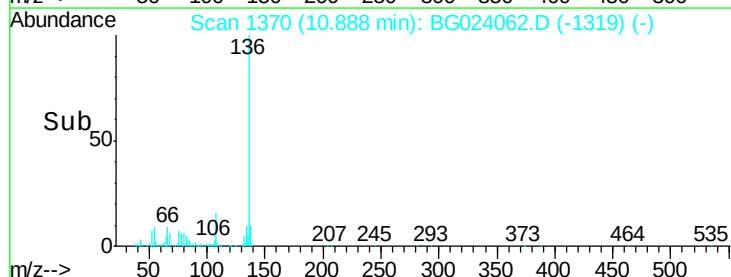
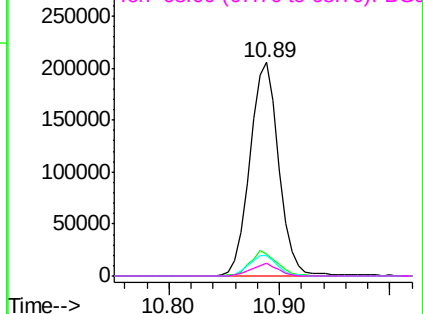
137 10.4 9.6 14.4

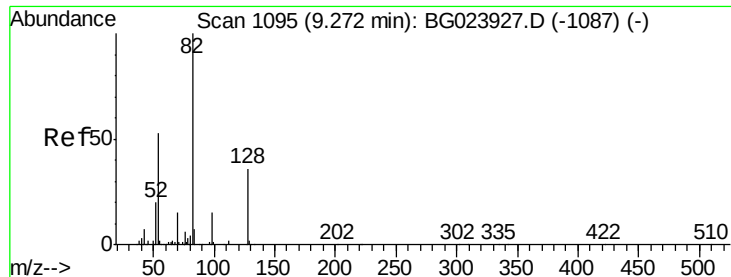
54 9.4 7.3 10.9

68 6.0 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

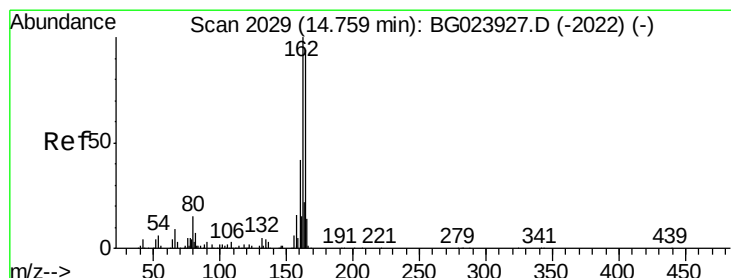
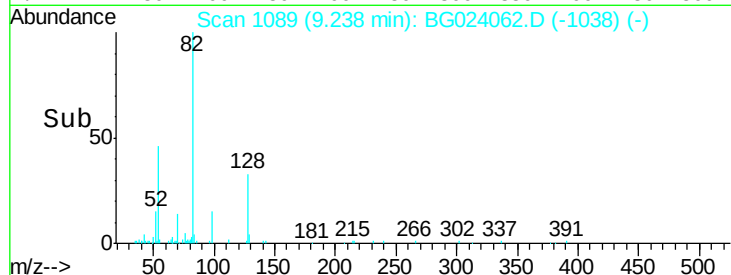
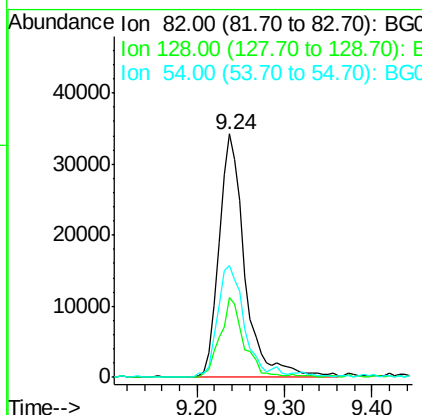
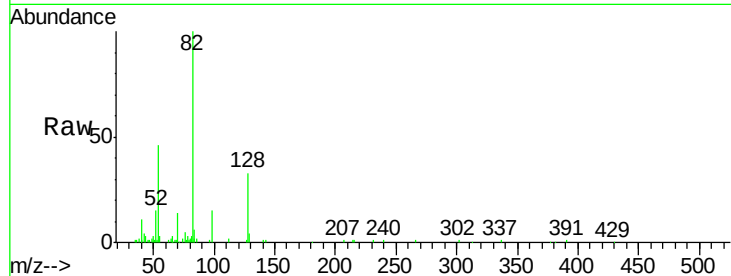




#23
Nitrobenzene-d5
Concen: 8.31 ng
RT: 9.24 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG024062.D
Acq: 21 Sep 2016 19:37

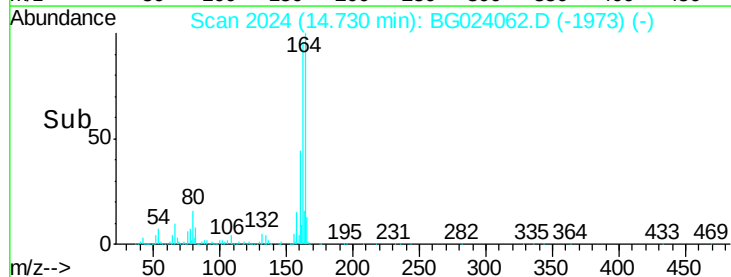
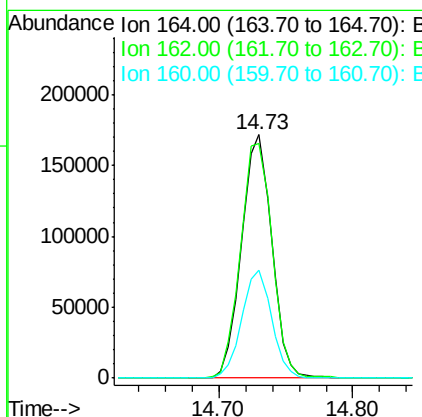
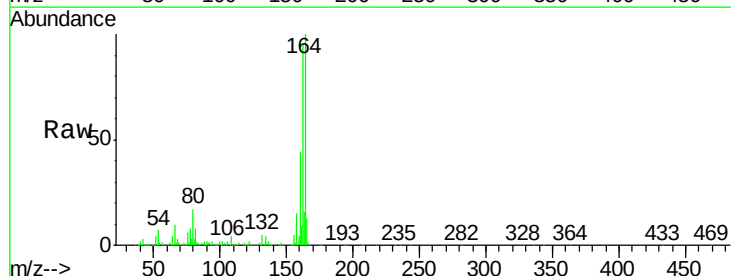
Instrument :
BNA_G
ClientSampleId :
YORK-SB1-4

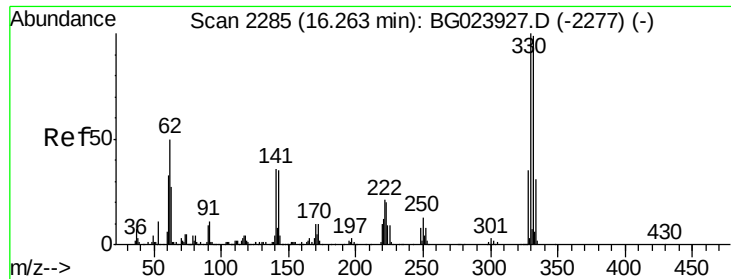
Tot Ion	82	Resp	70122
Ion Ratio	Lower	Upper	
82	100		
128	32.6	24.4	36.6
54	46.1	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG024062.D
Acq: 21 Sep 2016 19:37

Tgt Ion	164	Resp	268064
Ion Ratio	Lower	Upper	
164	100		
162	96.4	87.7	131.5
160	44.3	37.2	55.8

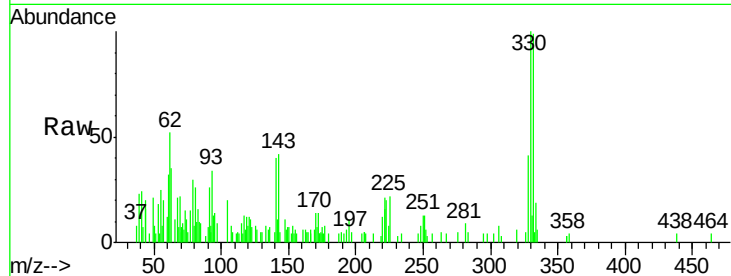




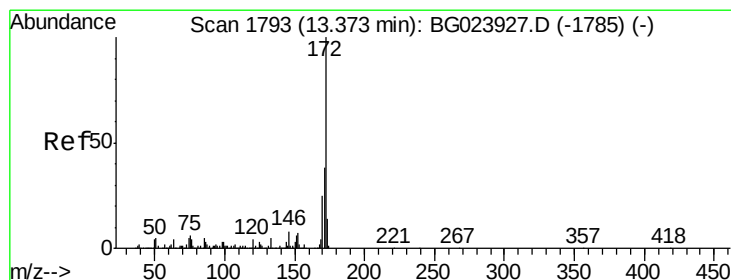
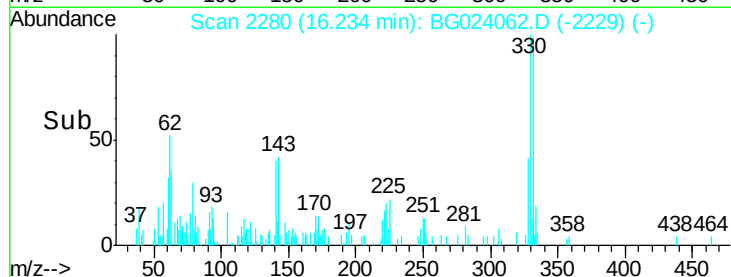
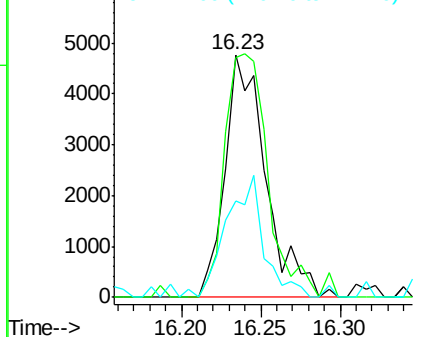
#41
 2,4,6-Tribromophenol
 Concen: 1.76 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG024062.D
 Acq: 21 Sep 2016 19:37

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB1-4

Tot Ion:330 Resp: 8497
 Ion Ratio Lower Upper
 330 100
 332 105.5 77.4 116.2
 141 46.1 31.7 47.5

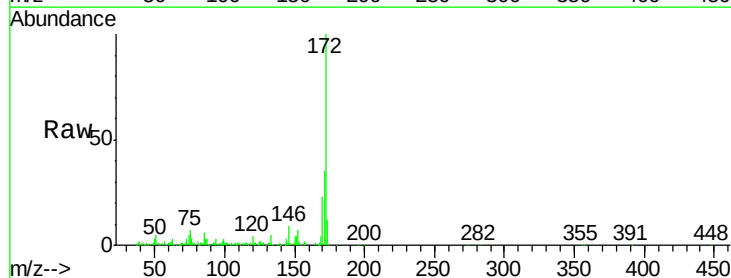


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

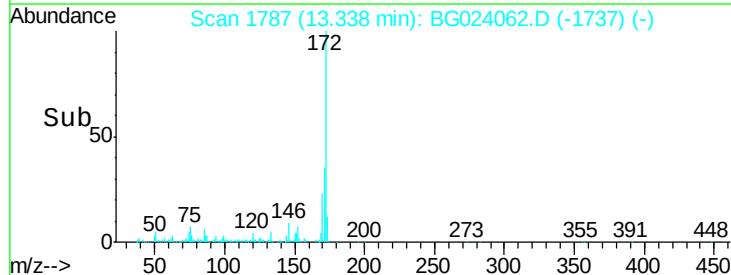
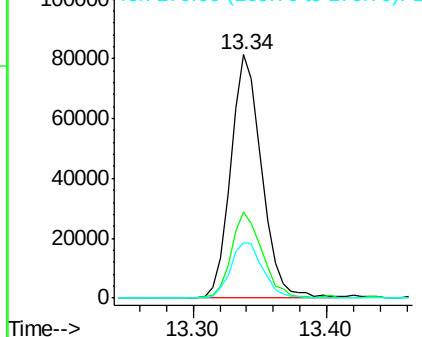


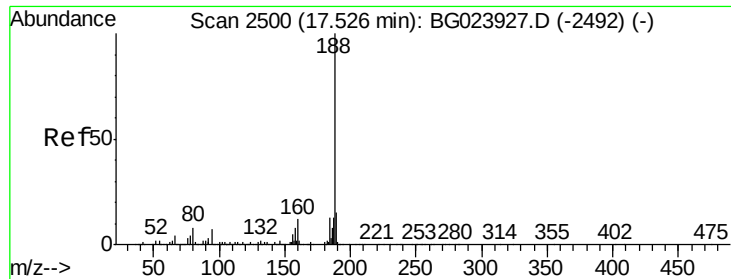
#44
 2-Fluorobiphenyl
 Concen: 7.00 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG024062.D
 Acq: 21 Sep 2016 19:37

Tgt Ion:172 Resp: 130926
 Ion Ratio Lower Upper
 172 100
 171 35.4 31.6 47.4
 170 22.9 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

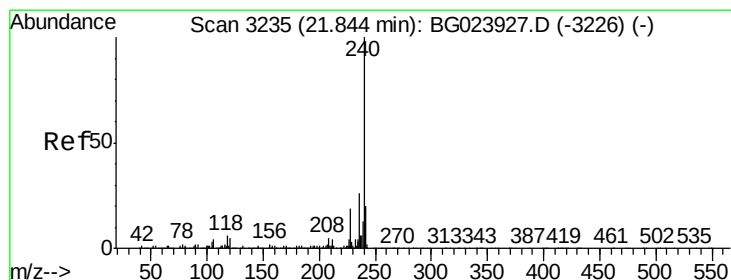
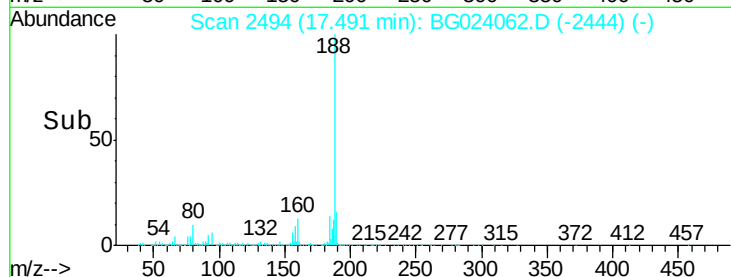
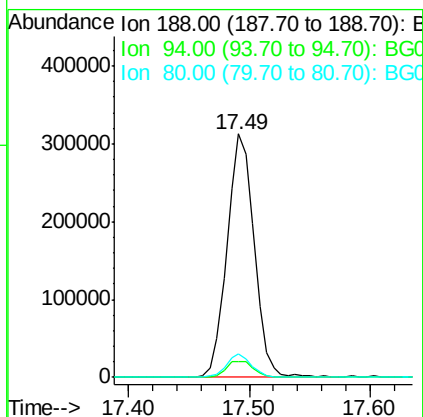
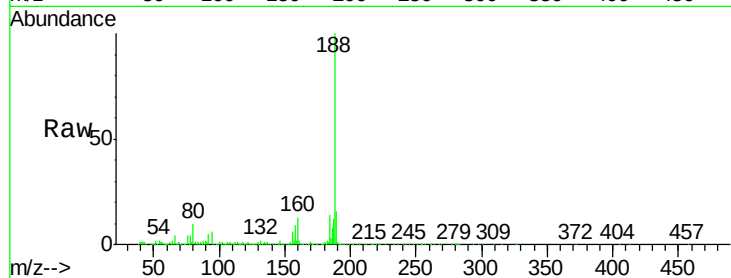




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG024062.D
Acq: 21 Sep 2016 19:37

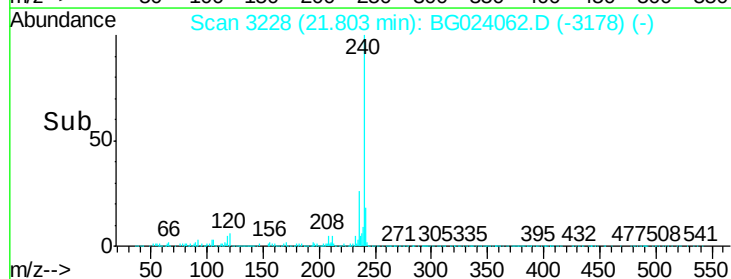
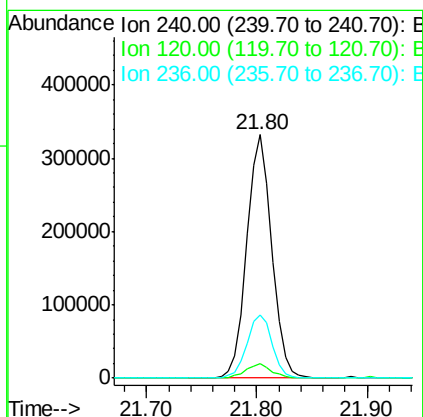
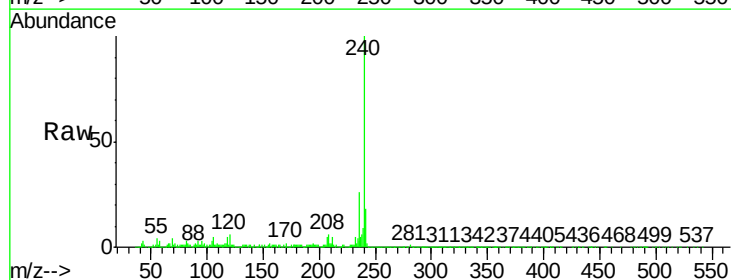
Instrument :
BNA_G
ClientSampleId :
YORK-SB1-4

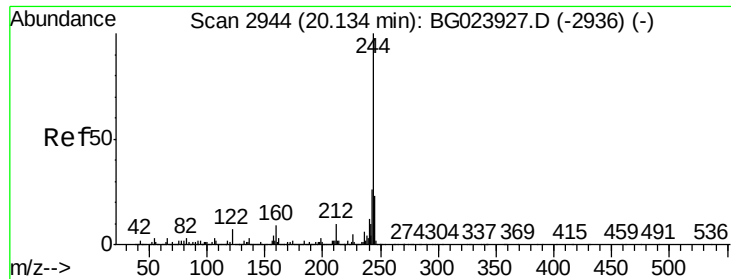
Tot Ion:188 Resp: 488782
Ion Ratio Lower Upper
188 100
94 6.3 5.2 7.8
80 9.5 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG024062.D
Acq: 21 Sep 2016 19:37

Tgt Ion:240 Resp: 525941
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 26.0 21.1 31.7





#78

Terphenyl-d14

Concen: 7.42 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.00 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

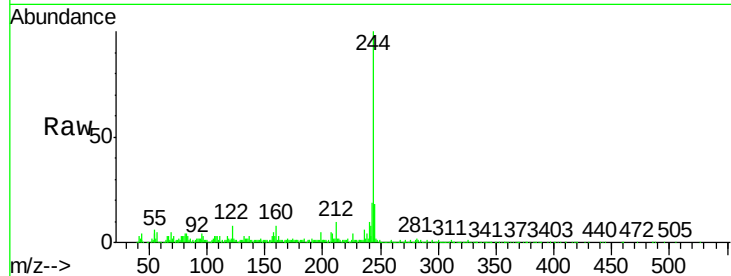
Tot Ion:244 Resp: 171422

Ion Ratio Lower Upper

244 100

212 9.5 10.8 16.2#

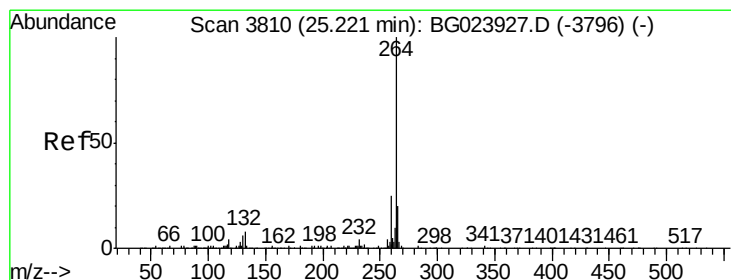
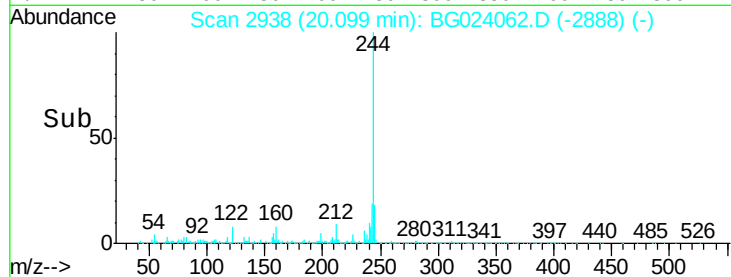
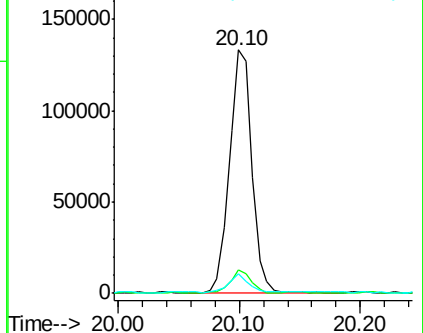
122 8.1 8.0 12.0



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: 25.16 min Scan# 3799

Delta R.T. 0.00 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

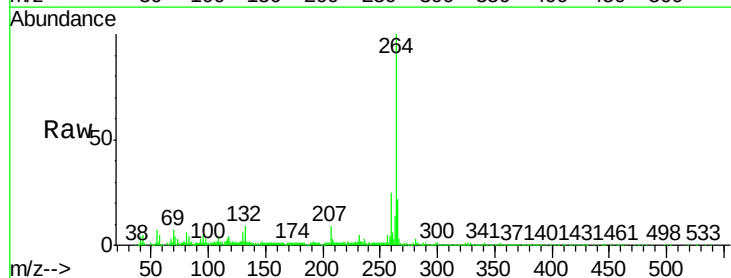
Tgt Ion:264 Resp: 532316

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 22.1 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

