

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022907.D
 Acq On : 7 Jul 2016 22:42
 Operator : UM/SJ
 Sample : H3834-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Jul 08 04:30:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

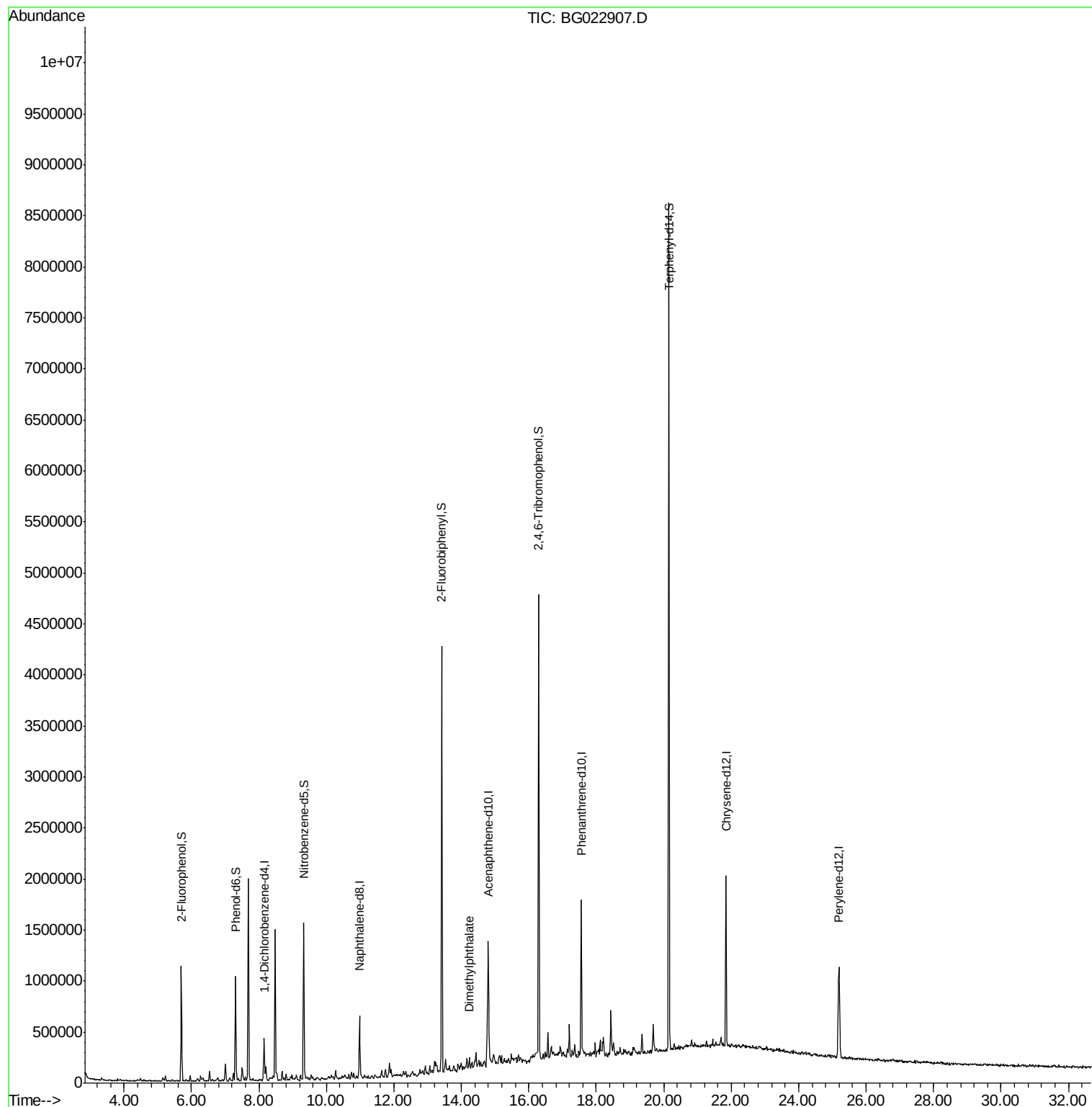
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	106122	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	483998	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	376899	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	931536	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1053526	20.00	ng	0.00
86) Perylene-d12	25.19	264	1082995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	473182	72.92	ng	0.00
7) Phenol-d6	7.31	99	576442	56.72	ng	0.00
23) Nitrobenzene-d5	9.32	82	1007830	89.16	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	845465	124.81	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2010954	84.04	ng	0.00
78) Terphenyl-d14	20.15	244	2963722	92.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	76755	2.49	ng	Qvalue # 91

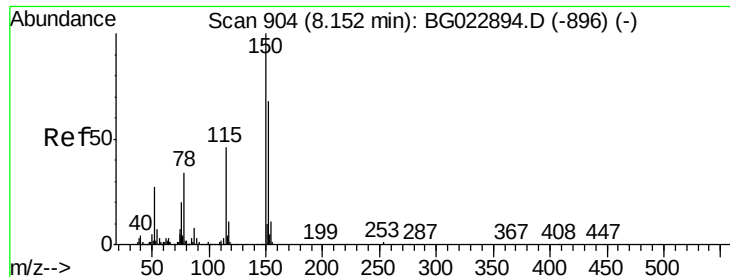
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022907.D

Acq: 7 Jul 2016 22:42

Instrument :

BNA_G

ClientSampleId :

MW-1

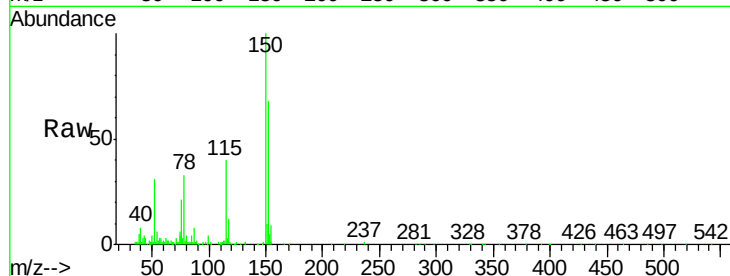
Tot Ion:152 Resp: 106122

Ion Ratio Lower Upper

152 100

150 147.1 144.7 217.1

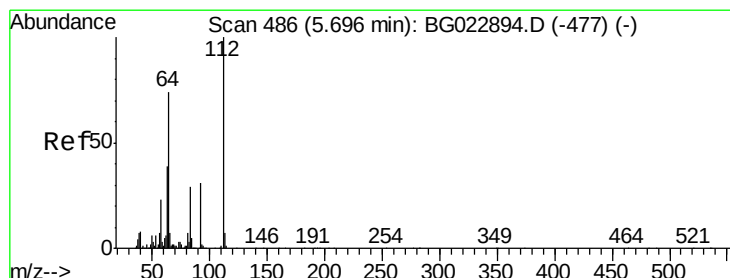
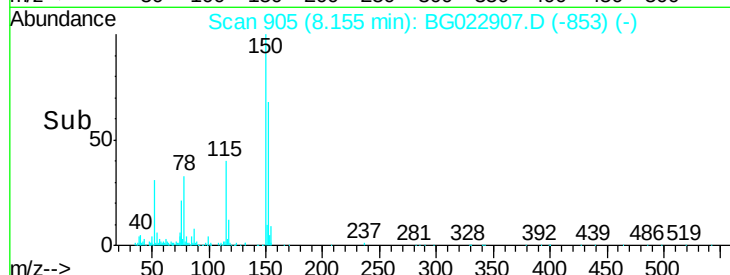
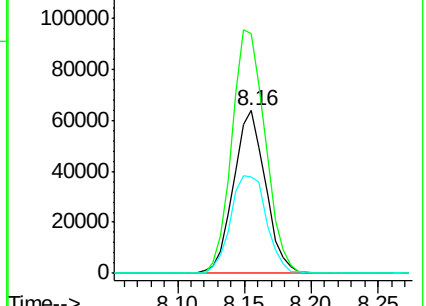
115 59.1 64.0 96.0#



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: 72.92 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022907.D

Acq: 7 Jul 2016 22:42

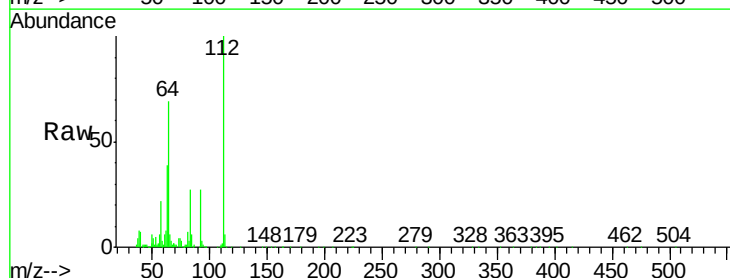
Tgt Ion:112 Resp: 473182

Ion Ratio Lower Upper

112 100

64 69.0 59.0 88.4

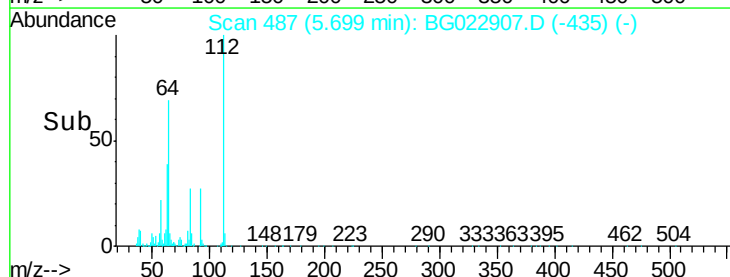
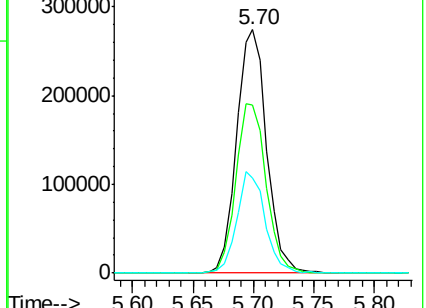
63 39.2 37.8 56.8

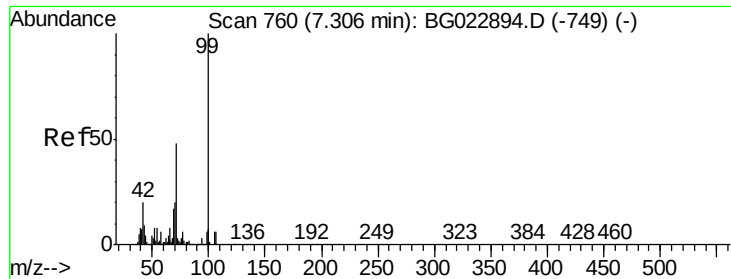


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 56.72 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022907.D

Acq: 7 Jul 2016 22:42

Instrument :

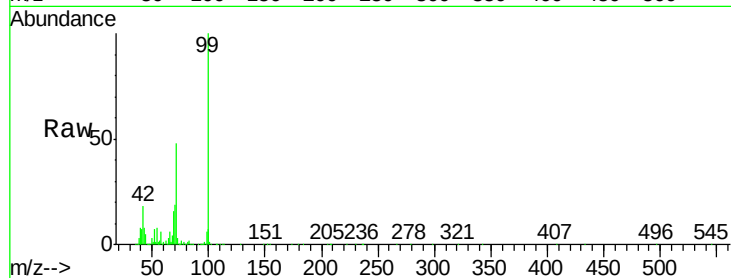
BNA_G

ClientSampleId :

MW-1

Tot Ion: 99 Resp: 576442

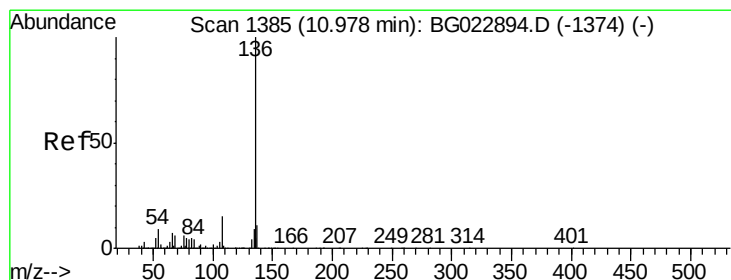
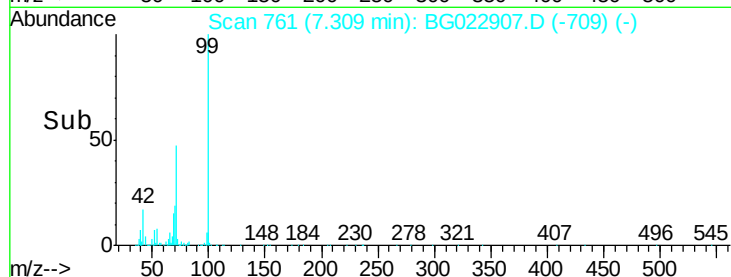
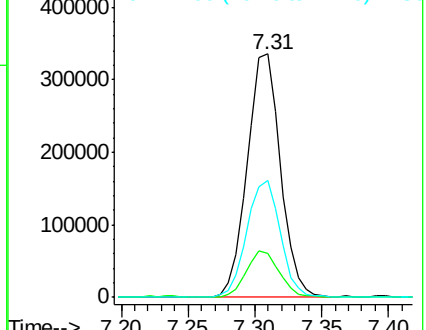
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.8	26.6
71	47.8	41.5	62.3



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: 10.98 min Scan# 1386

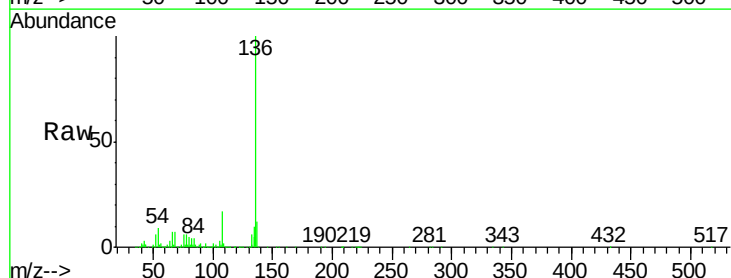
Delta R.T. 0.00 min

Lab File: BG022907.D

Acq: 7 Jul 2016 22:42

Tgt Ion: 136 Resp: 483998

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	9.4	7.3	10.9
68	6.7	5.3	7.9

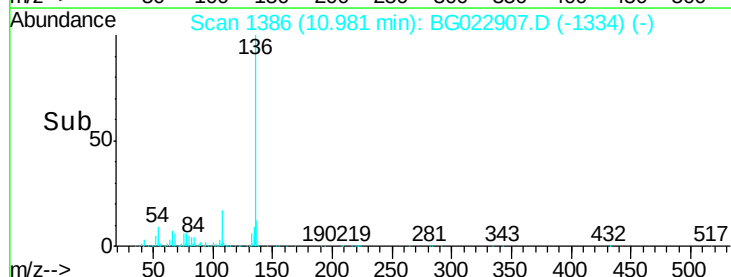
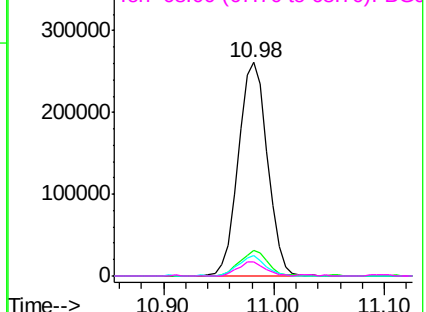


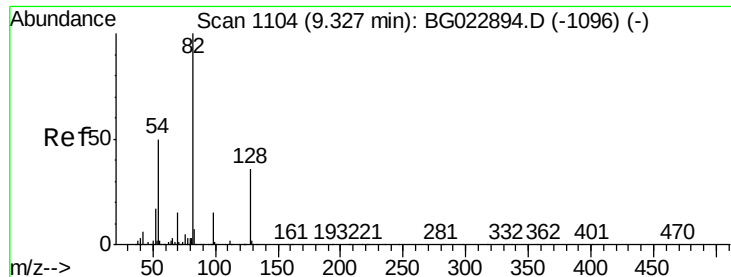
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

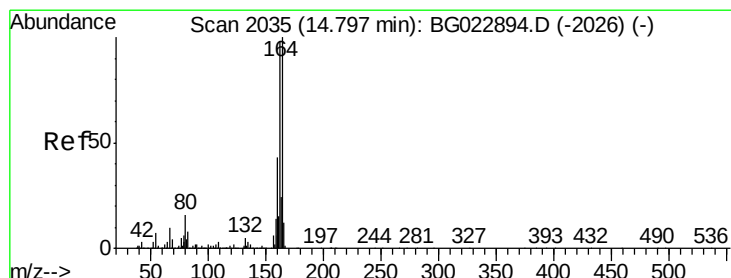
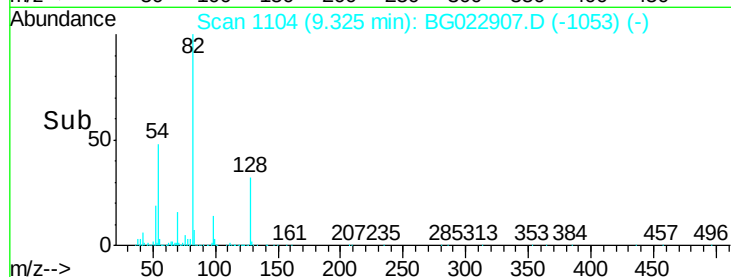
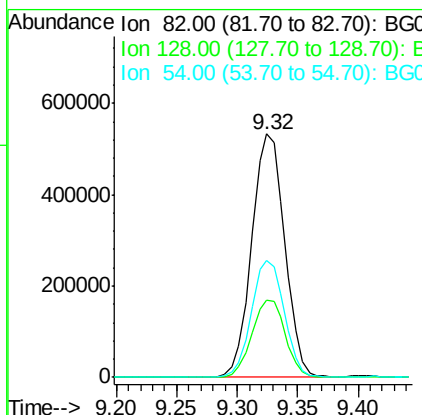
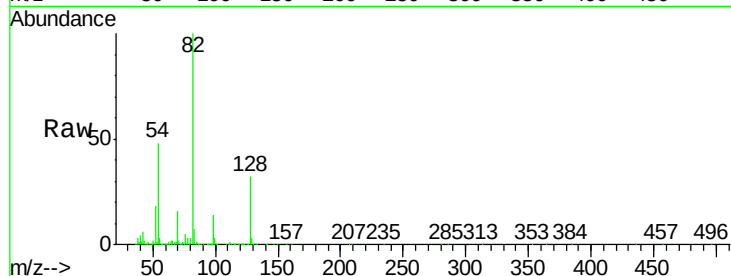




#23
Nitrobenzene-d5
Concen: 89.16 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022907.D
Acq: 7 Jul 2016 22:42

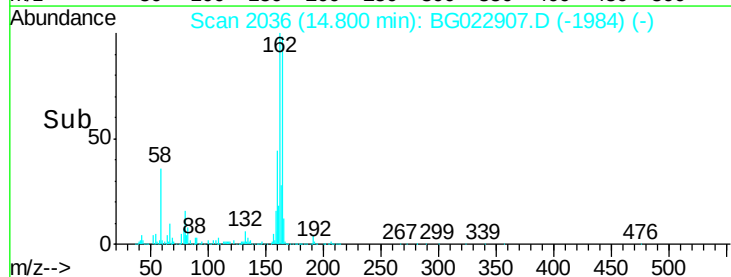
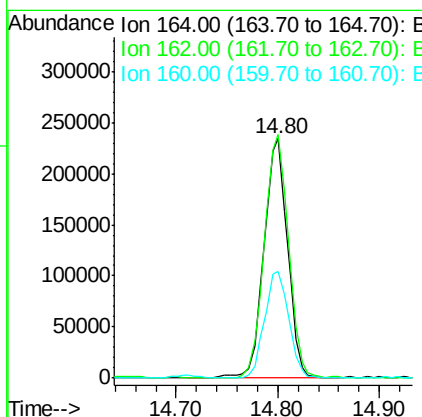
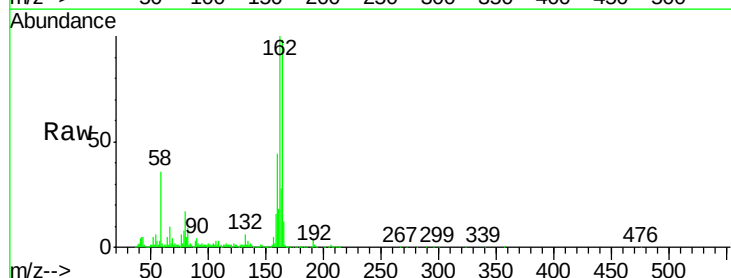
Instrument :
BNA_G
ClientSampleId :
MW-1

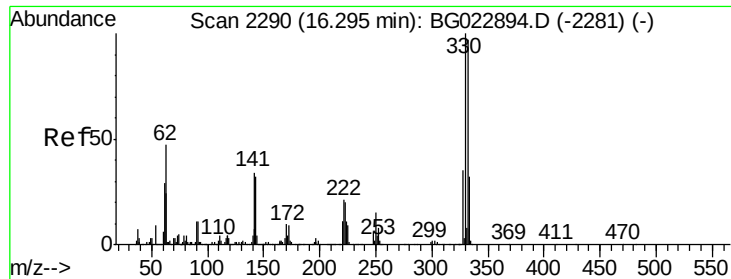
Tot Ion: 82 Resp: 1007830
Ion Ratio Lower Upper
82 100
128 31.6 24.4 36.6
54 48.2 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022907.D
Acq: 7 Jul 2016 22:42

Tgt Ion:164 Resp: 376899
Ion Ratio Lower Upper
164 100
162 101.7 87.7 131.5
160 44.5 37.2 55.8

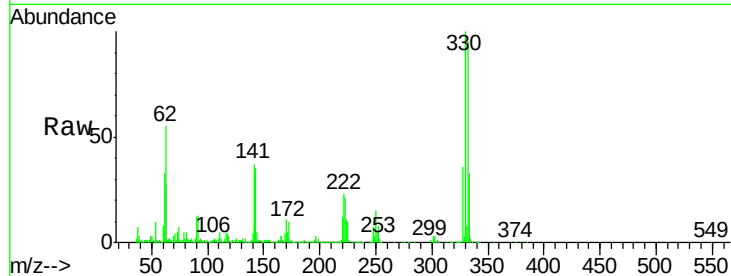




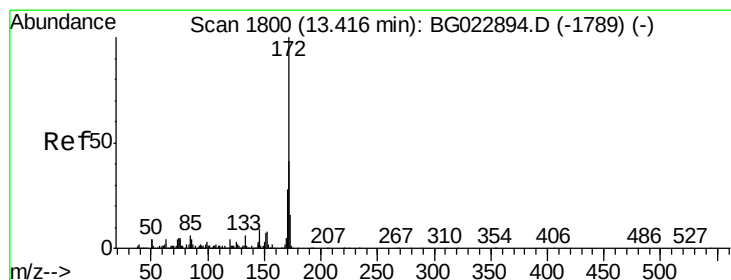
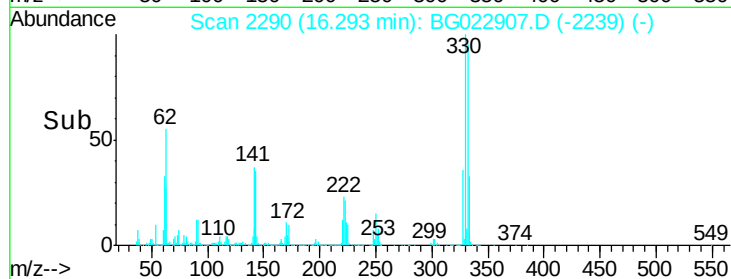
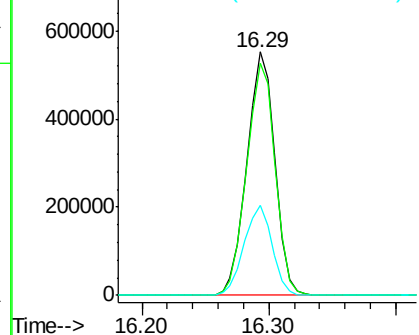
#41
2,4,6-Tribromophenol
Concen: 124.81 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG022907.D
Acq: 7 Jul 2016 22:42

Instrument :
BNA_G
ClientSampleId :
MW-1

Tot Ion:330 Resp: 845465
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 37.4 31.7 47.5

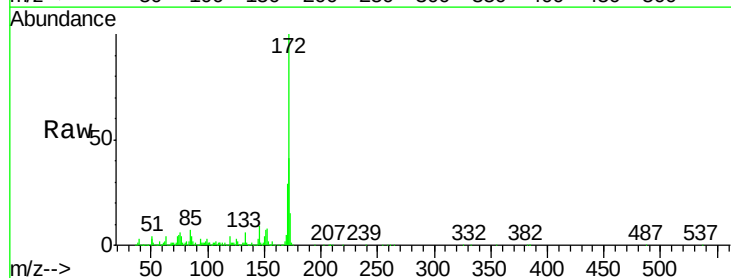


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

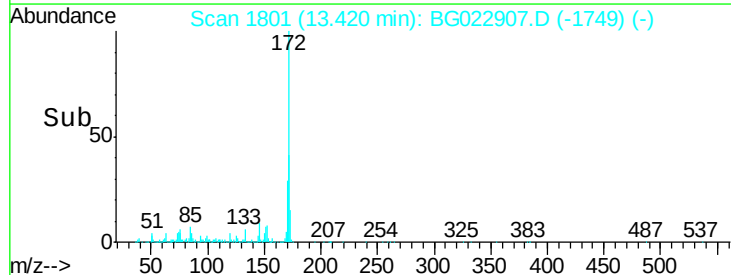
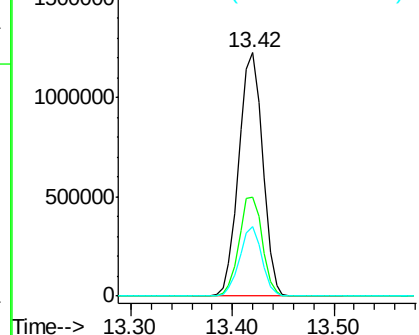


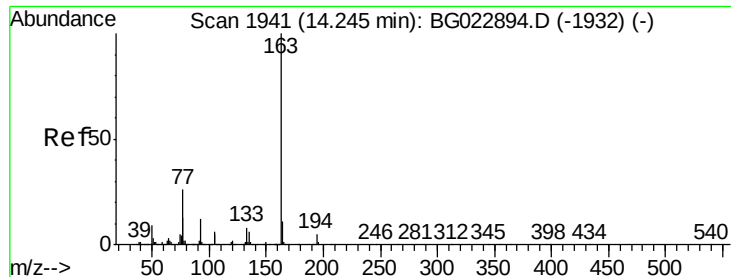
#44
2-Fluorobiphenyl
Concen: 84.04 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG022907.D
Acq: 7 Jul 2016 22:42

Tgt Ion:172 Resp: 2010954
Ion Ratio Lower Upper
172 100
171 40.8 31.6 47.4
170 28.5 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: 2.49 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022907.D

Acq: 7 Jul 2016 22:42

Instrument :

BNA_G

ClientSampleId :

MW-1

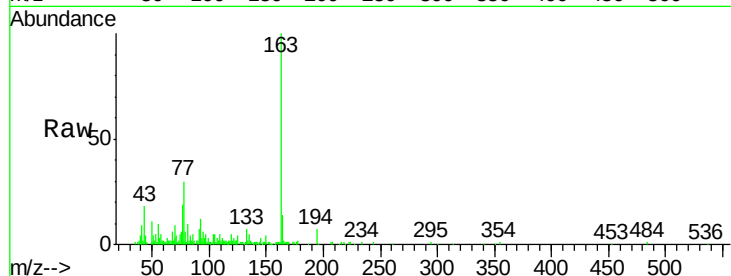
Tot Ion:163 Resp: 76755

Ion Ratio Lower Upper

163 100

194 6.9 3.6 5.4#

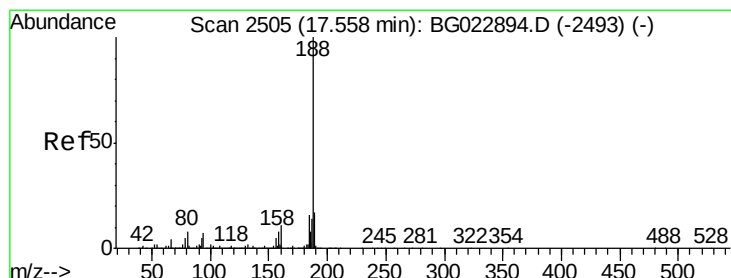
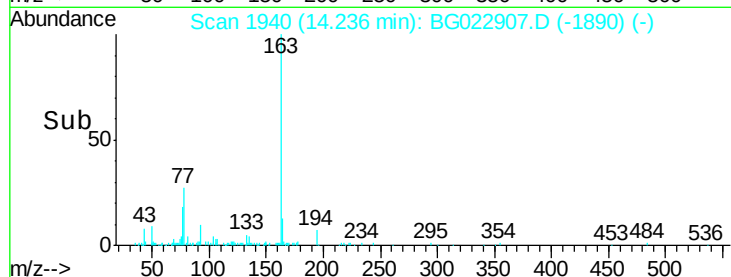
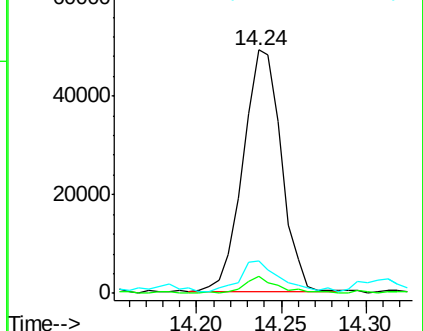
164 13.5 8.1 12.1#



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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022907.D

Acq: 7 Jul 2016 22:42

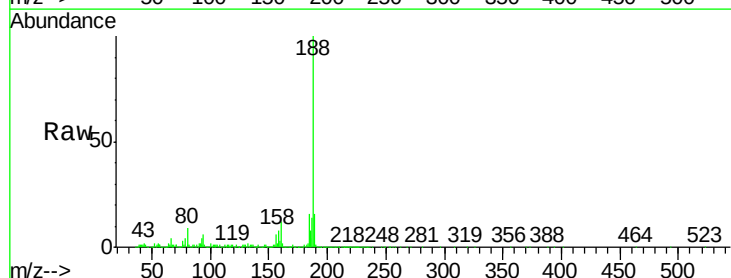
Tgt Ion:188 Resp: 931536

Ion Ratio Lower Upper

188 100

94 5.9 5.2 7.8

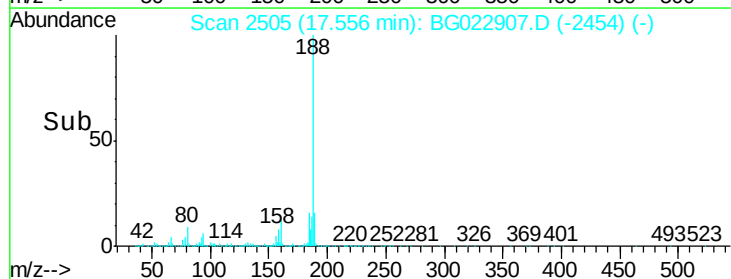
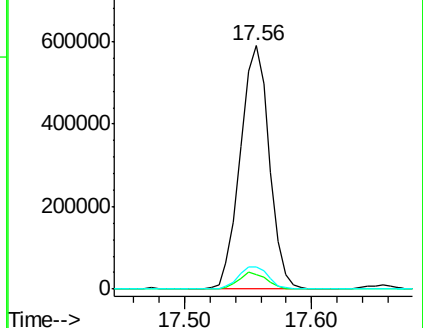
80 9.3 7.2 10.8

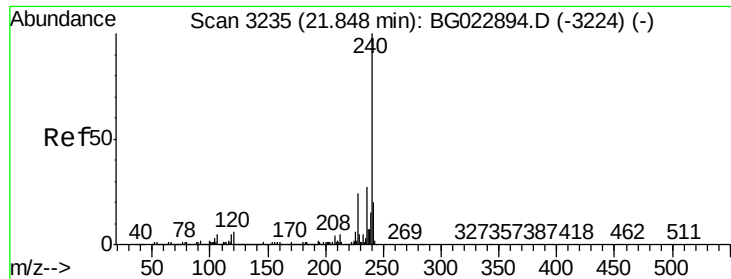


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

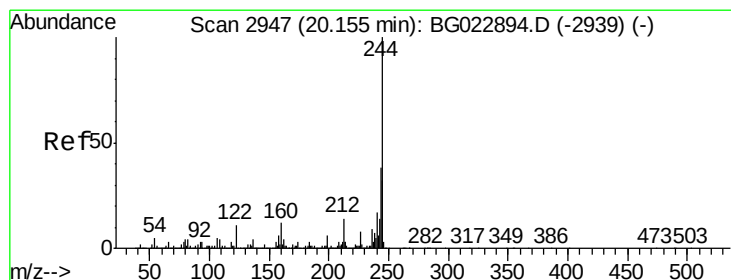
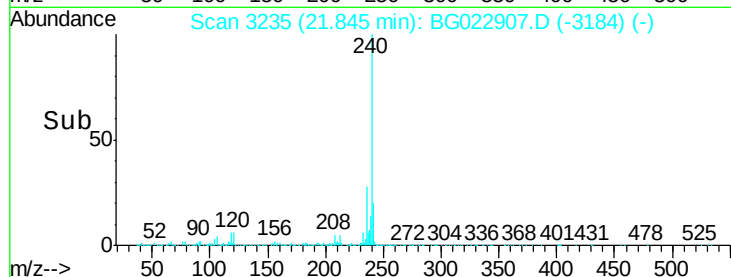
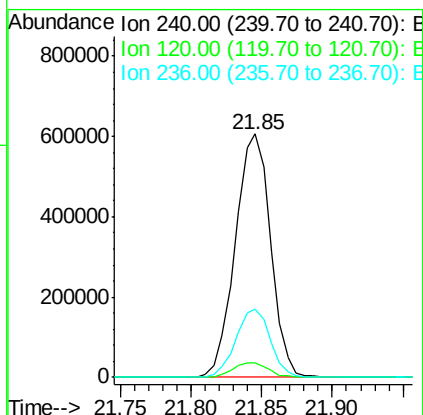
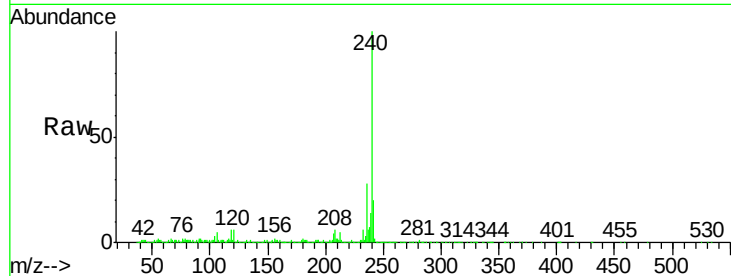




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022907.D
Acq: 7 Jul 2016 22:42

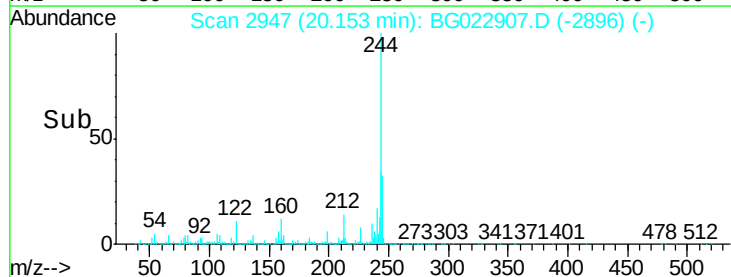
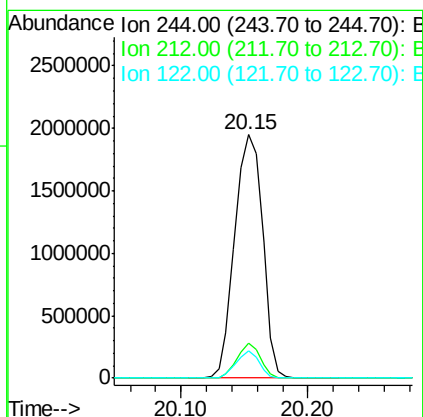
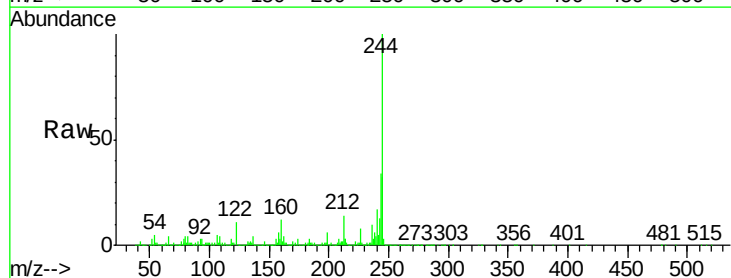
Instrument :
BNA_G
ClientSampleId :
MW-1

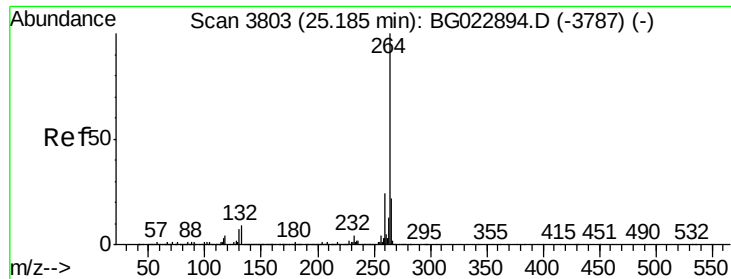
Tot Ion:240 Resp: 1053526
Ion Ratio Lower Upper
240 100
120 6.2 4.1 6.1#
236 27.8 21.1 31.7



#78
Terphenyl-d14
Concen: 92.10 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022907.D
Acq: 7 Jul 2016 22:42

Tgt Ion:244 Resp: 2963722
Ion Ratio Lower Upper
244 100
212 14.2 10.8 16.2
122 11.3 8.0 12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BG022907.D
Acq: 7 Jul 2016 22:42

Instrument :
BNA_G
ClientSampleId :
MW-1

Tot Ion:264 Resp: 1082995

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.3	18.9	28.3

