

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110316\
 Data File : BG024674.D
 Acq On : 4 Nov 2016 9:31
 Operator : UM/SJ
 Sample : H5509-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-90-8.15-18.0

Quant Time: Nov 04 11:35:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

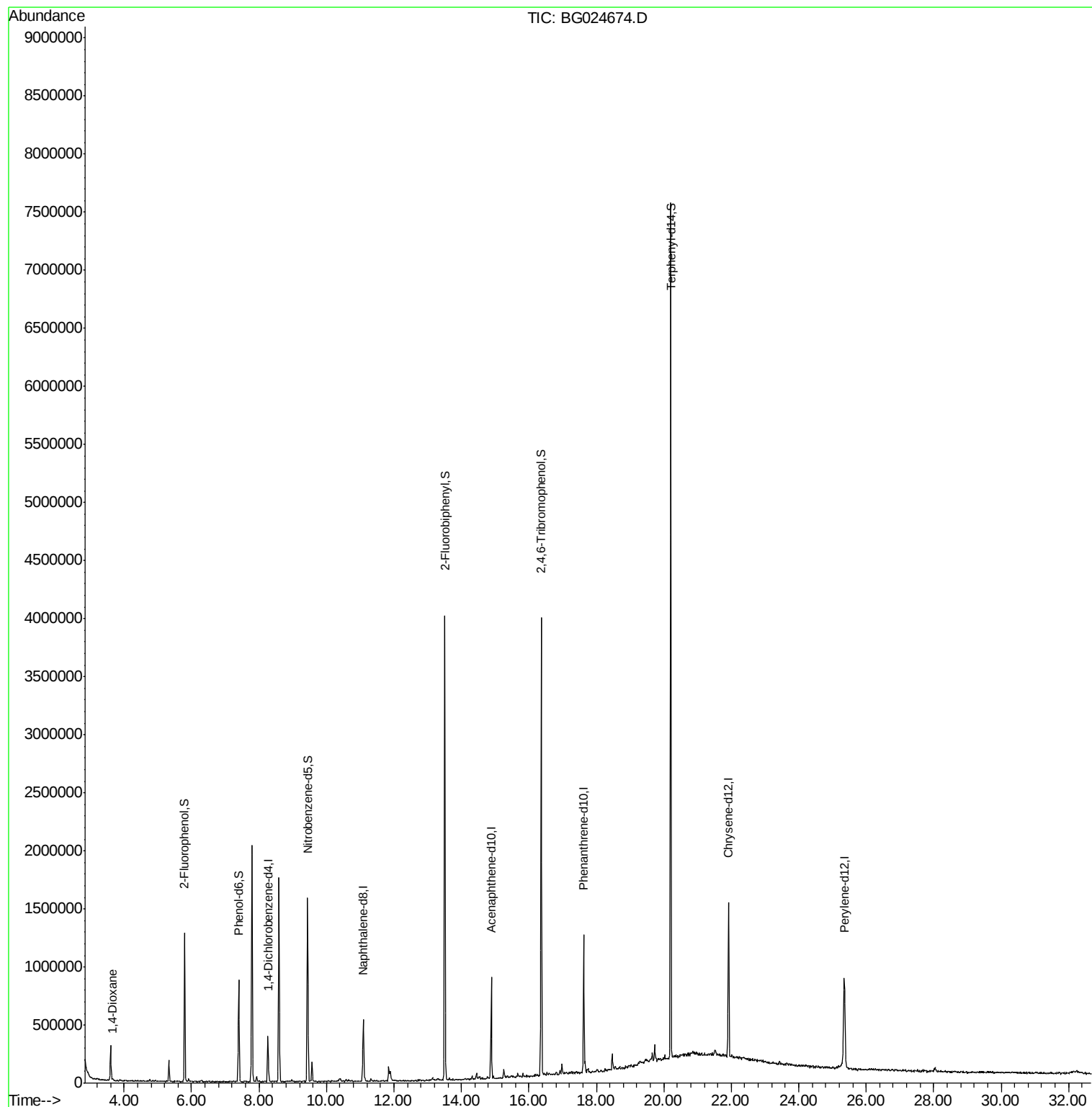
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	105699	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	440644	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	337171	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	740850	20.00	ng	0.00
75) Chrysene-d12	21.92	240	944945	20.00	ng	-0.01
86) Perylene-d12	25.35	264	976576	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	489353	75.88	ng	0.00
7) Phenol-d6	7.40	99	468247	52.93	ng	0.00
23) Nitrobenzene-d5	9.44	82	1021996	105.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	785587	155.96	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2046848	100.90	ng	0.00
78) Terphenyl-d14	20.21	244	2972270	93.99	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.66	88	9217	3.50	ng	Qvalue 84

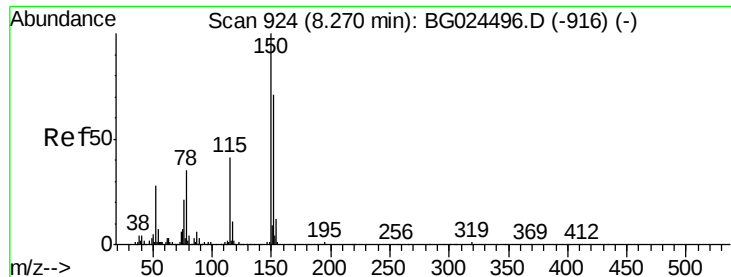
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024674.D

Acq: 4 Nov 2016 9:31

Instrument :

BNA_G

ClientSampleId :

GW-90-8.15-18.0

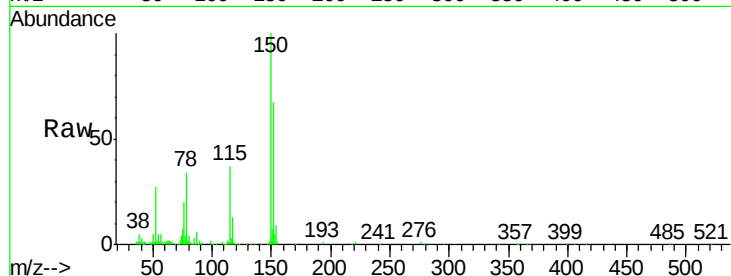
Tgt Ion:152 Resp: 105699

Ion Ratio Lower Upper

152 100

150 150.2 114.0 171.0

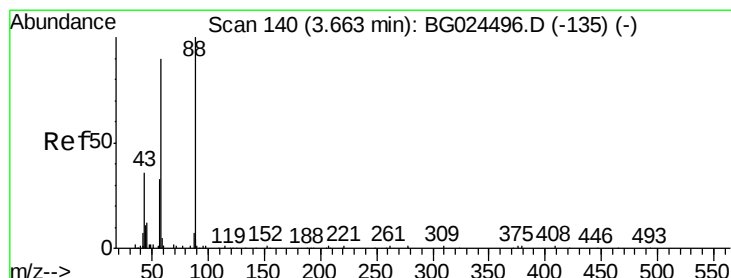
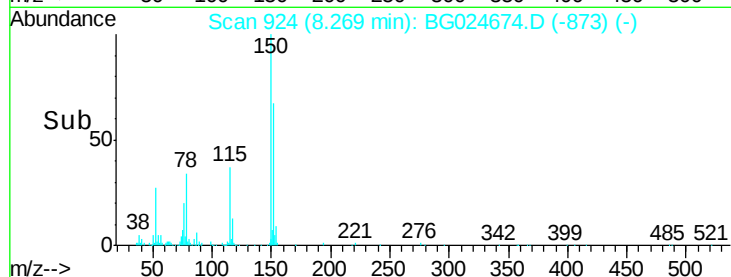
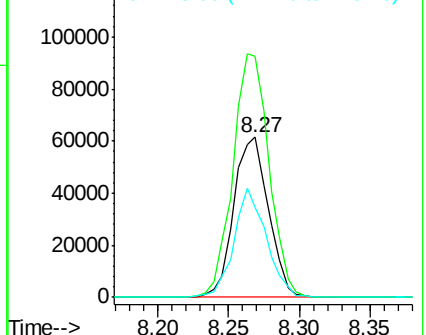
115 56.3 48.1 72.1



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



#2

1,4-Dioxane

Concen: 3.50 ng

RT: 3.66 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG024674.D

Acq: 4 Nov 2016 9:31

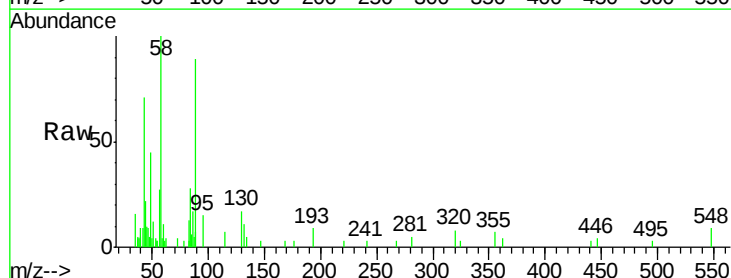
Tgt Ion: 88 Resp: 9217

Ion Ratio Lower Upper

88 100

58 117.1 79.4 119.2

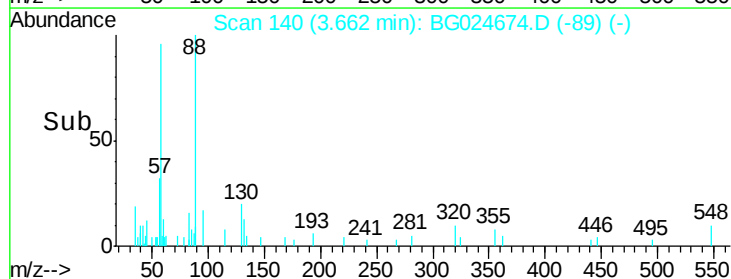
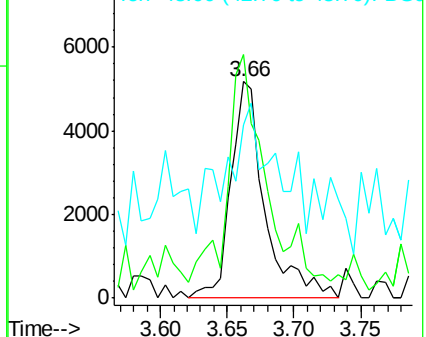
43 35.2 33.8 50.6

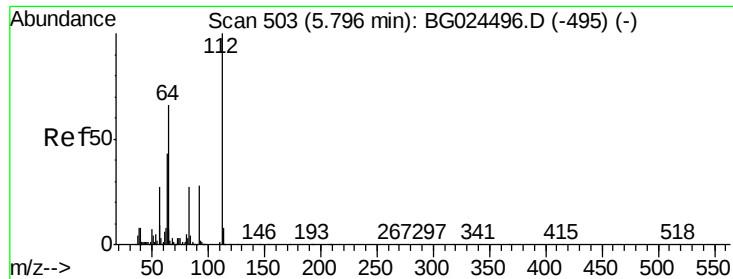


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 75.88 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024674.D

Acq: 4 Nov 2016 9:31

Instrument :

BNA_G

ClientSampleId :

GW-90-8.15-18.0

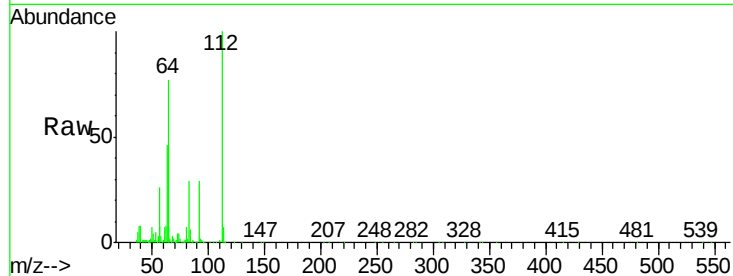
Tgt Ion: 112 Resp: 489353

Ion Ratio Lower Upper

112 100

64 76.9 61.8 92.6

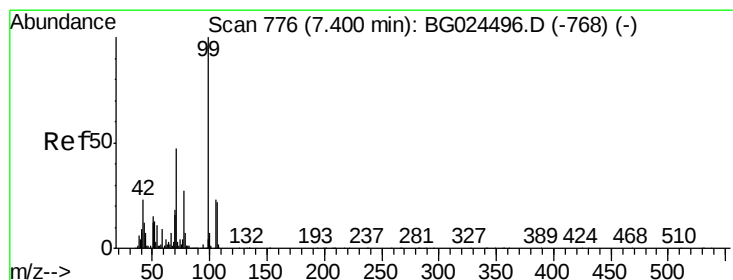
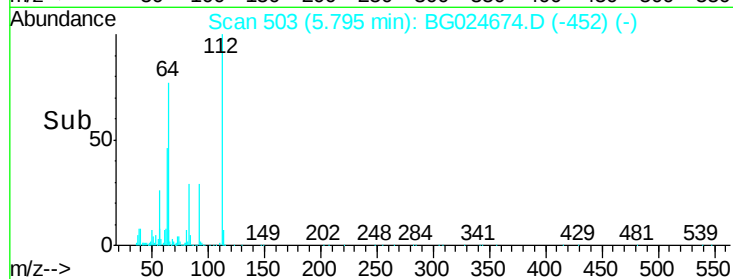
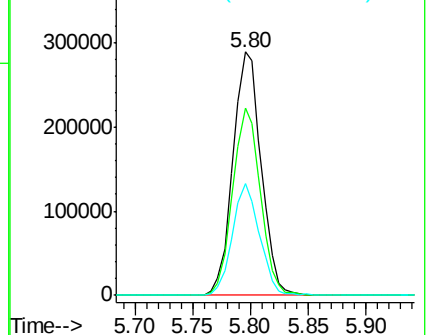
63 46.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 52.93 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024674.D

Acq: 4 Nov 2016 9:31

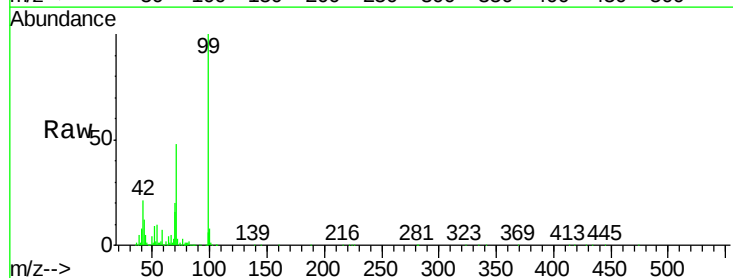
Tgt Ion: 99 Resp: 468247

Ion Ratio Lower Upper

99 100

42 21.5 20.5 30.7

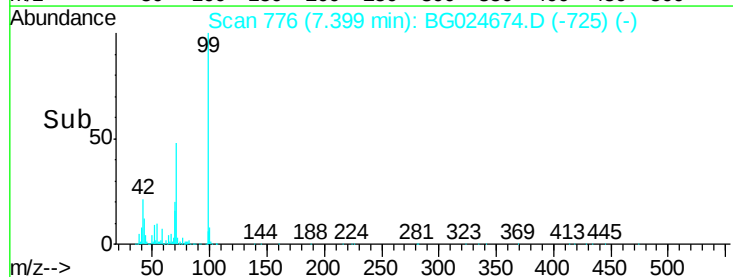
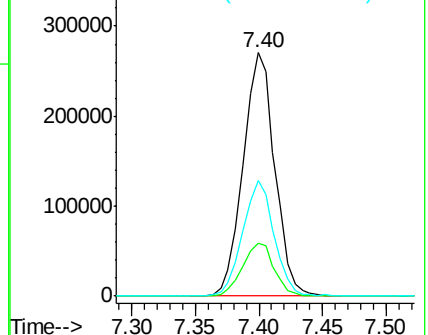
71 47.5 37.6 56.4



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

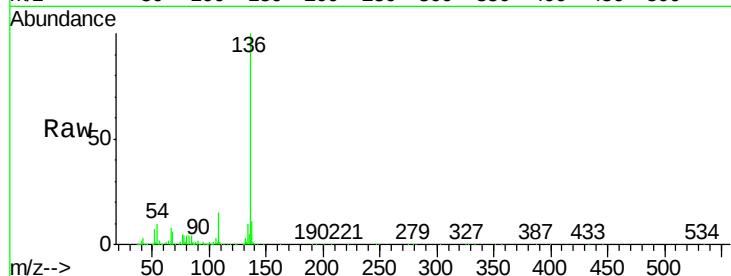




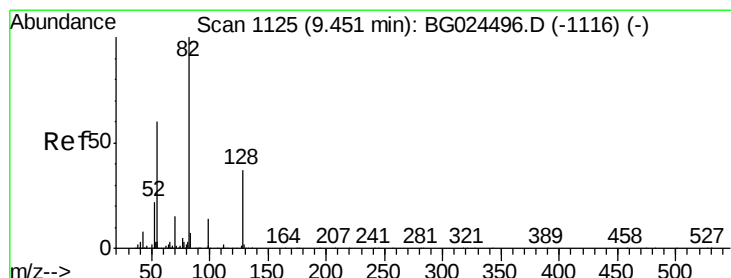
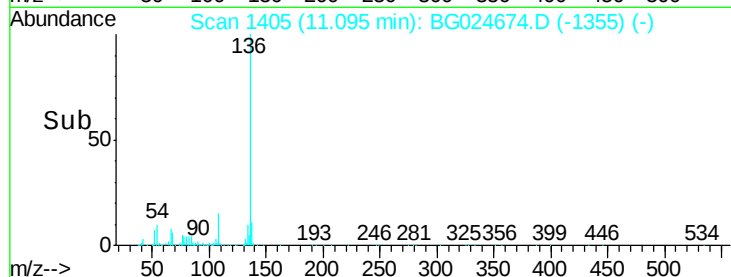
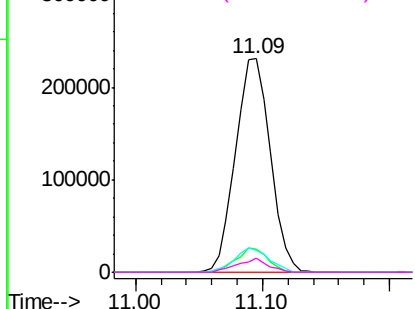
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024674.D
Acq: 4 Nov 2016 9:31

Instrument :
BNA_G
ClientSampleId :
GW-90-8.15-18.0

Tgt Ion:	136	Resp:	440644
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.0	9.3	13.9
68	6.4	5.1	7.7

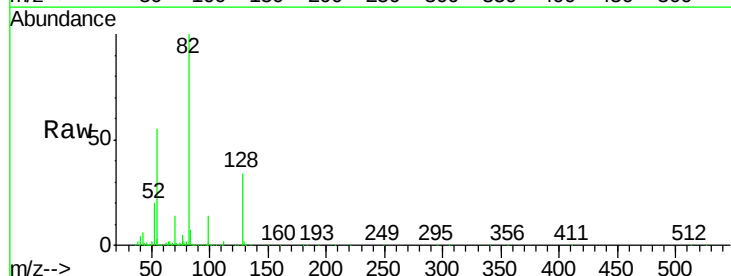


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

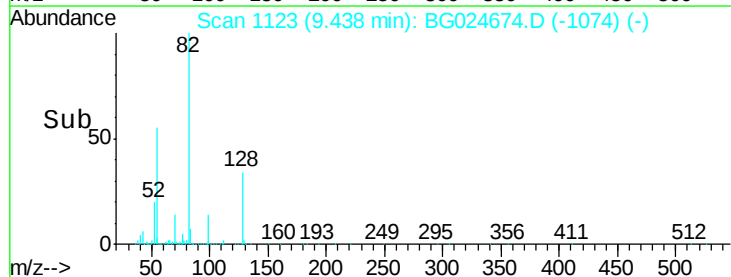
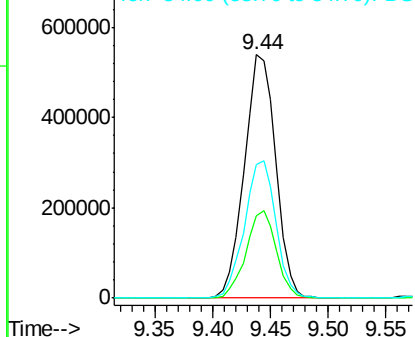


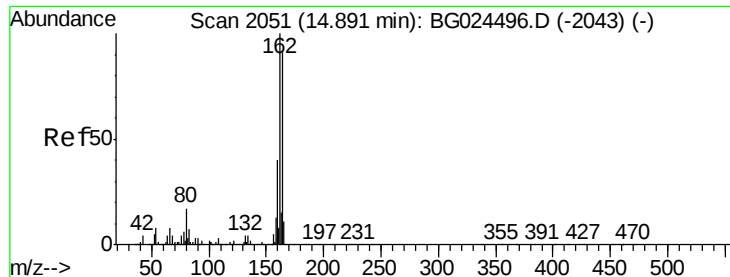
#23
Nitrobenzene-d5
Concen: 105.60 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024674.D
Acq: 4 Nov 2016 9:31

Tgt Ion:	82	Resp:	1021996
Ion	Ratio	Lower	Upper
82	100		
128	34.0	26.4	39.6
54	54.9	49.4	74.2



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: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024674.D

Acq: 4 Nov 2016 9:31

Instrument :

BNA_G

ClientSampleId :

GW-90-8.15-18.0

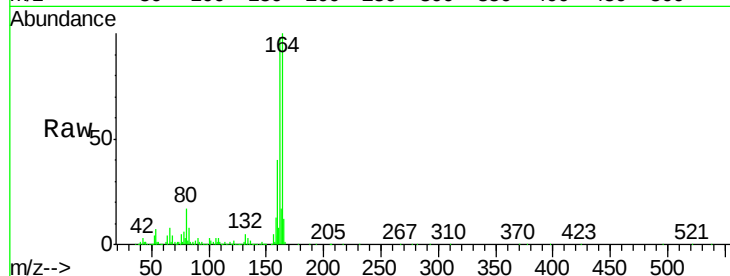
Tgt Ion:164 Resp: 337171

Ion Ratio Lower Upper

164 100

162 97.8 85.1 127.7

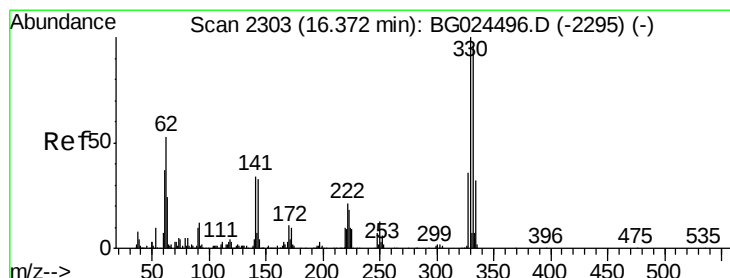
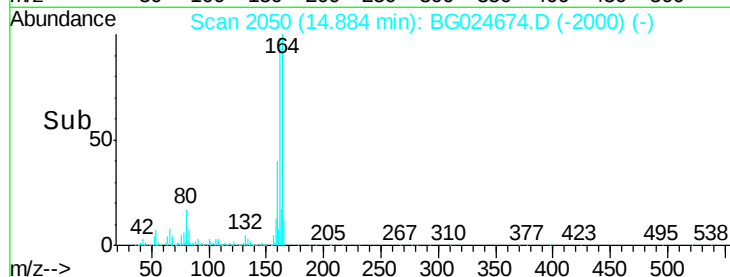
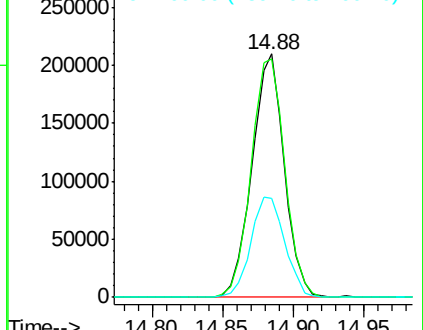
160 40.5 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 155.96 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024674.D

Acq: 4 Nov 2016 9:31

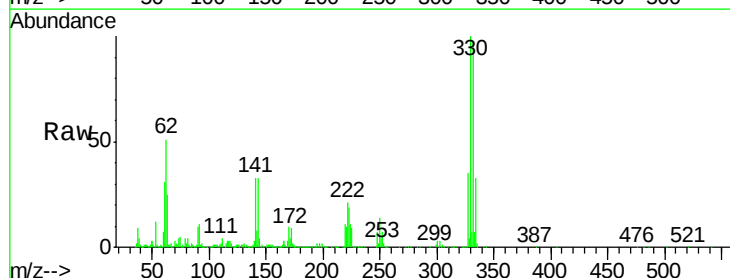
Tgt Ion:330 Resp: 785587

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

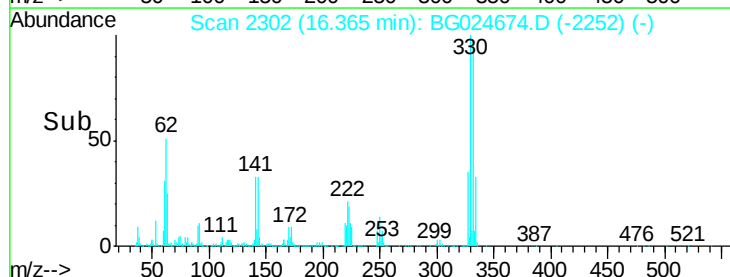
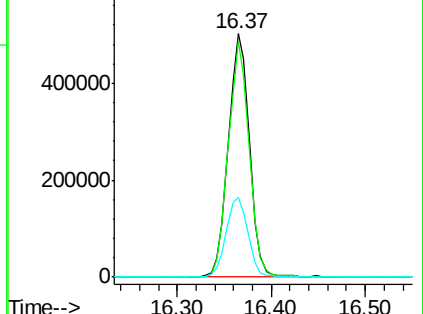
141 33.8 32.1 48.1

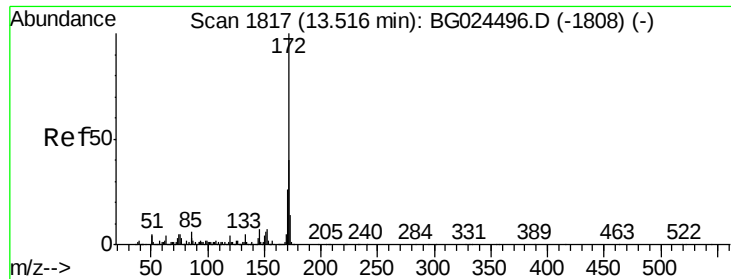


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

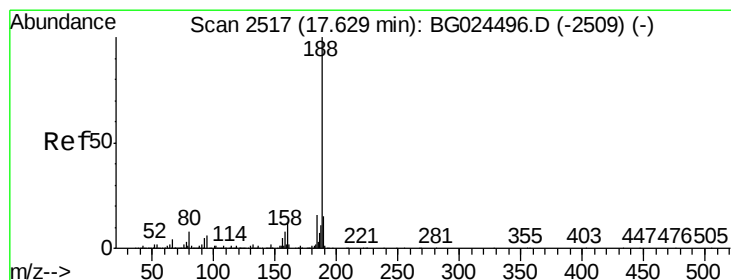
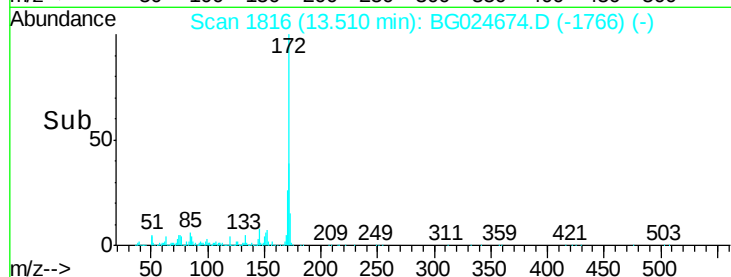
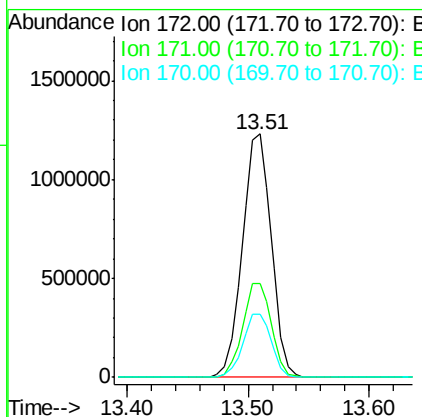
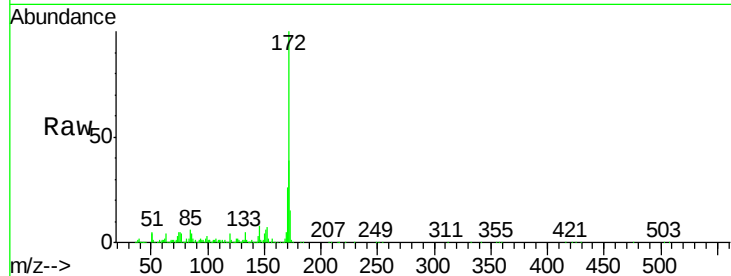




#44
2-Fluorobiphenyl
Concen: 100.90 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024674.D
Acq: 4 Nov 2016 9:31

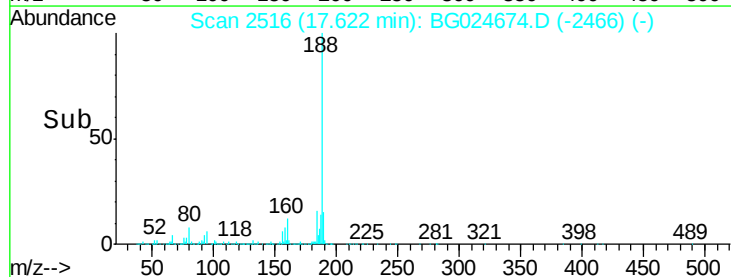
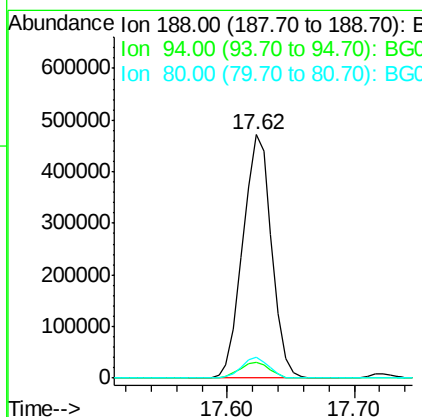
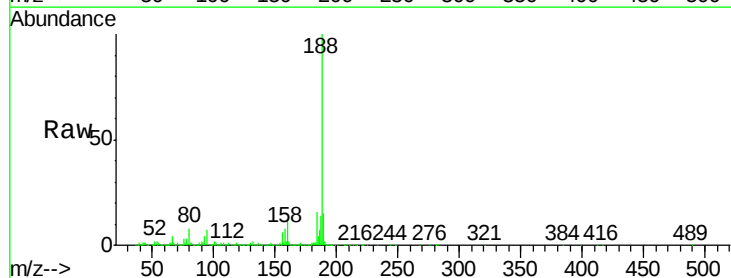
Instrument :
BNA_G
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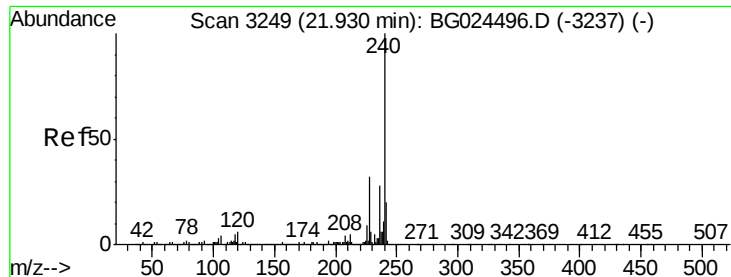
Tgt Ion:172 Resp: 2046848
Ion Ratio Lower Upper
172 100
171 38.8 32.2 48.2
170 25.9 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024674.D
Acq: 4 Nov 2016 9:31

Tgt Ion:188 Resp: 740850
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 8.5 7.5 11.3

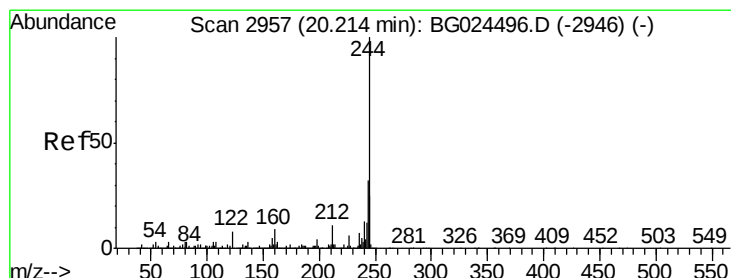
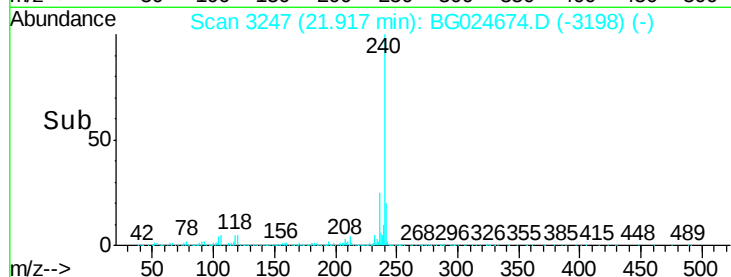
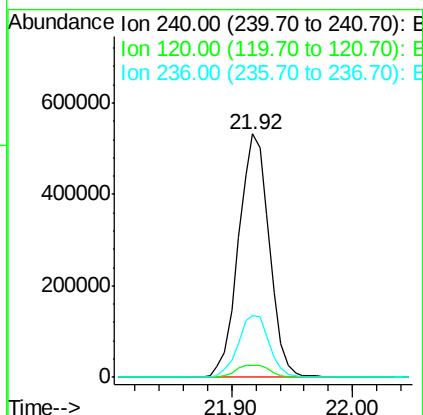
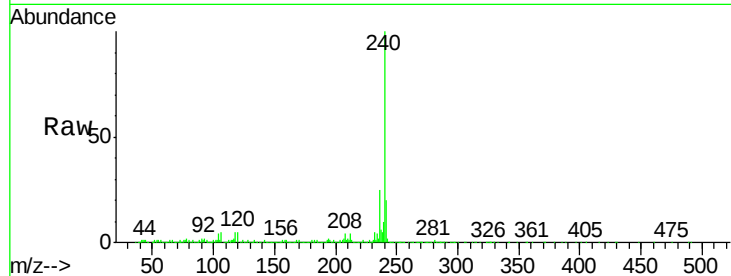




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024674.D
Acq: 4 Nov 2016 9:31

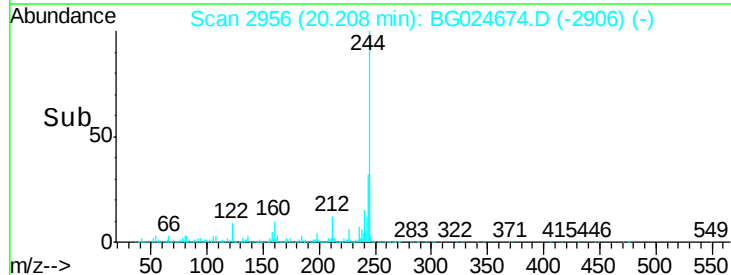
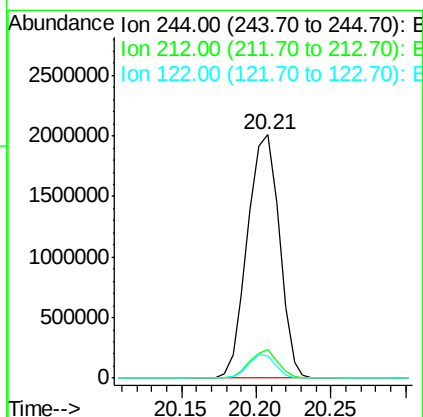
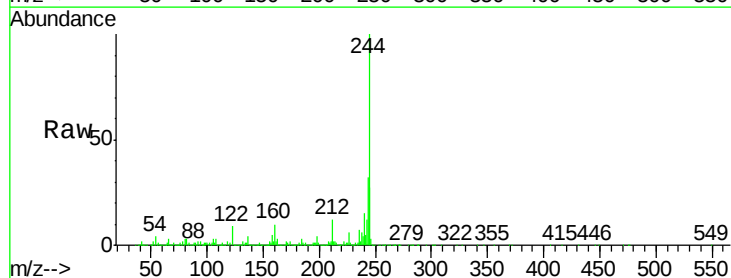
Instrument :
BNA_G
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GW-90-8.15-18.0

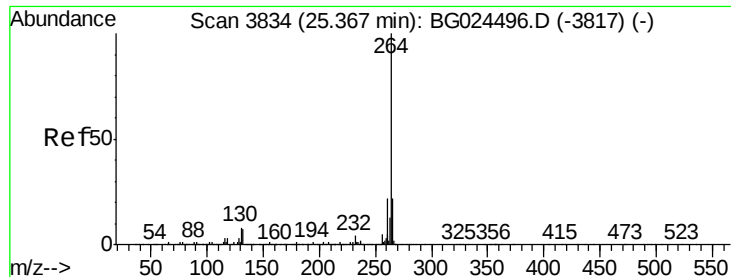
Tgt Ion:240 Resp: 944945
Ion Ratio Lower Upper
240 100
120 4.8 5.7 8.5#
236 25.3 22.2 33.4



#78
Terphenyl-d14
Concen: 93.99 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024674.D
Acq: 4 Nov 2016 9:31

Tgt Ion:244 Resp: 2972270
Ion Ratio Lower Upper
244 100
212 11.7 10.0 15.0
122 9.2 8.6 12.8

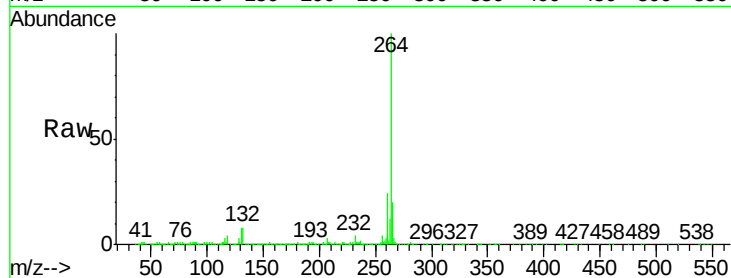




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024674.D
Acq: 4 Nov 2016 9:31

Instrument :
BNA_G
ClientSampleId :
GW-90-8.15-18.0

Tgt Ion:	264	Resp:	976576
Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	20.0	18.2	27.4



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

