

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024648.D
 Acq On : 3 Nov 2016 11:55
 Operator : UM/SJ
 Sample : H5502-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-79-7.3-10.0

Quant Time: Nov 03 14:22:07 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	123698	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	482585	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	356081	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	809845	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1081420	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1108852	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	196513	26.04	ng	0.00
7) Phenol-d6	7.40	99	172748	16.69	ng	0.00
23) Nitrobenzene-d5	9.44	82	438472	41.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	323568	60.82	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	920141	42.95	ng	-0.01
78) Terphenyl-d14	20.20	244	1542046	42.61	ng	-0.01

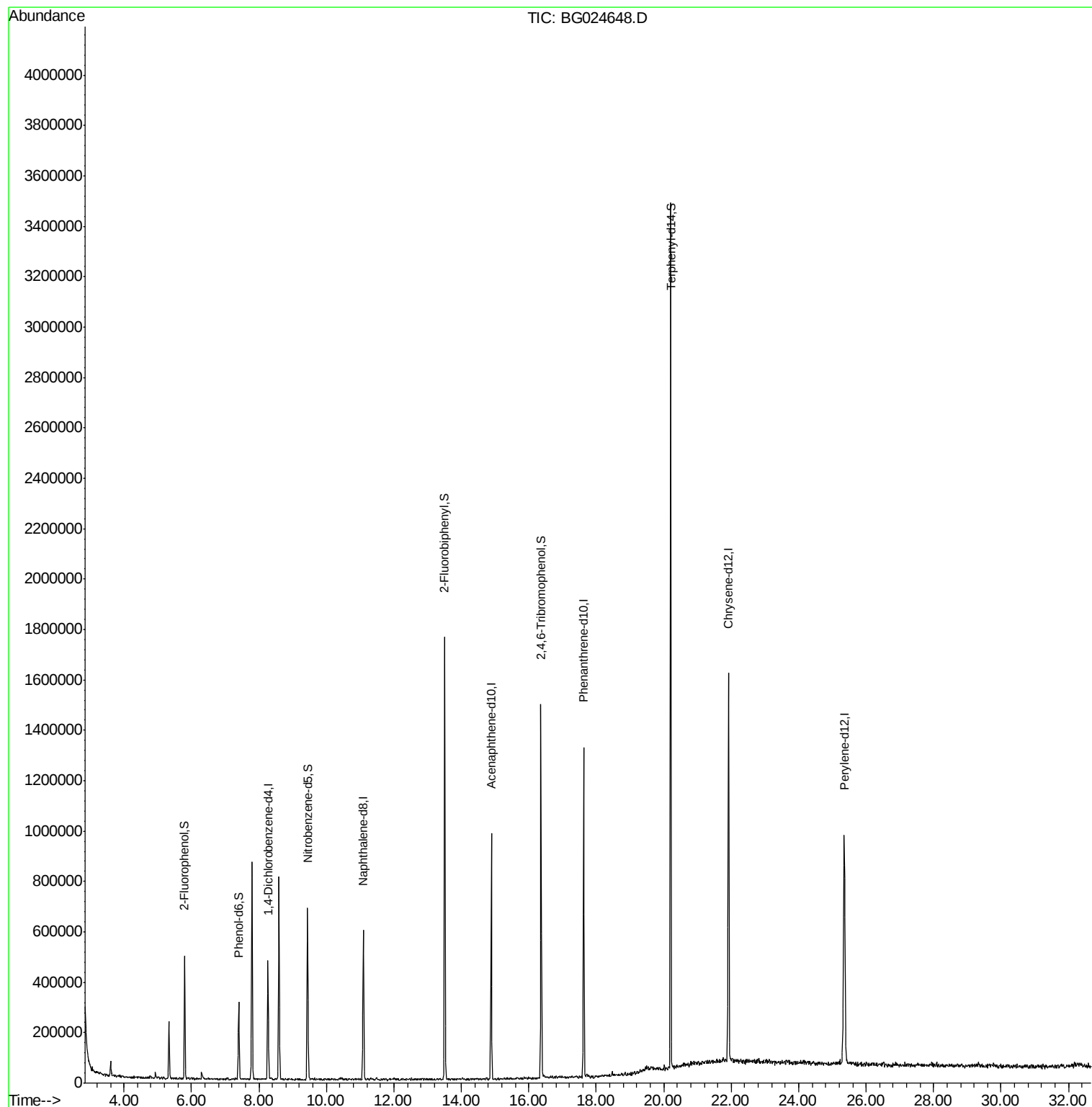
Target Compounds	Qvalue
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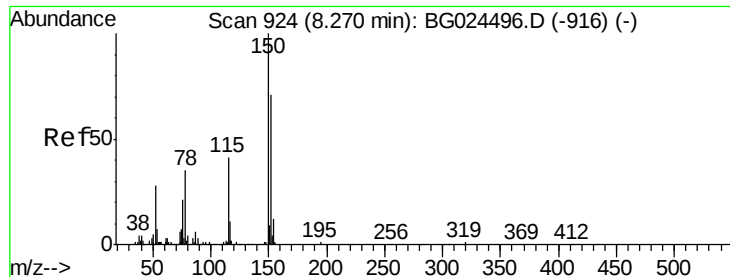
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG024648.D

Acq: 3 Nov 2016 11:55

Instrument :

BNA_G

ClientSampleId :

GW-79-7.3-10.0

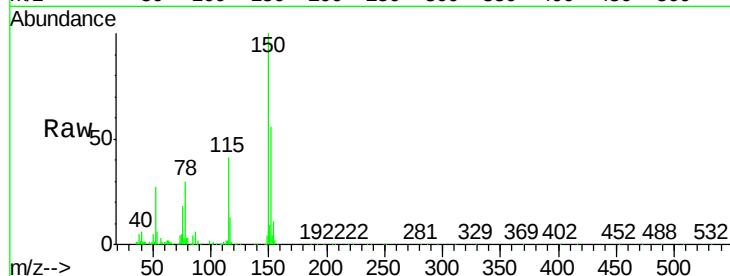
Tgt Ion:152 Resp: 123698

Ion Ratio Lower Upper

152 100

150 177.7 114.0 171.0#

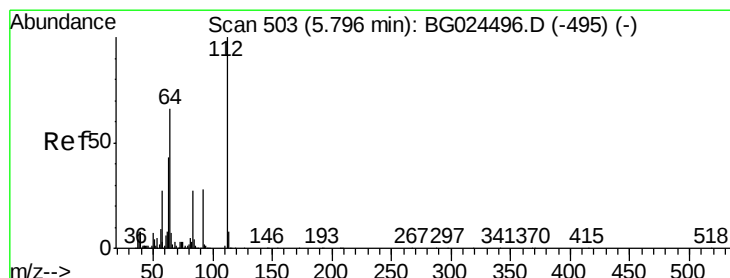
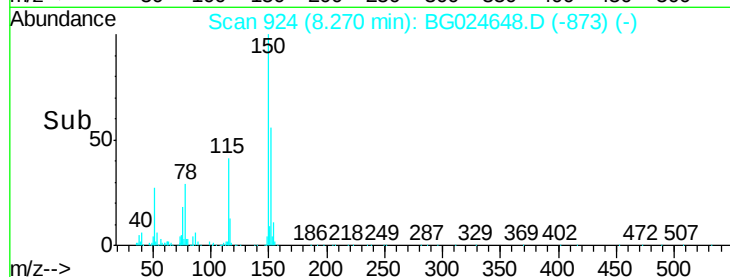
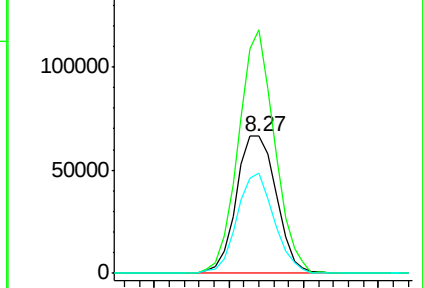
115 73.5 48.1 72.1#



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



#5

2-Fluorophenol

Concen: 26.04 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024648.D

Acq: 3 Nov 2016 11:55

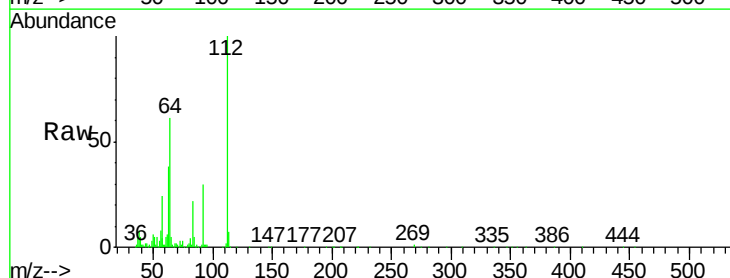
Tgt Ion:112 Resp: 196513

Ion Ratio Lower Upper

112 100

64 61.1 61.8 92.6#

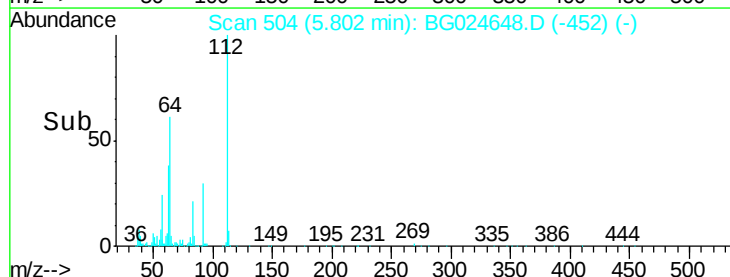
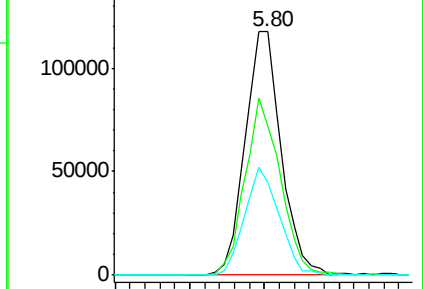
63 37.9 37.2 55.8

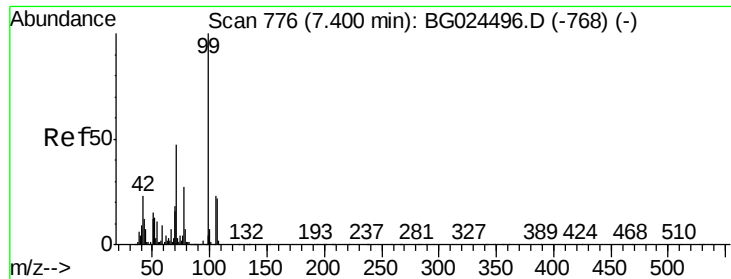


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 16.69 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG024648.D

Acq: 3 Nov 2016 11:55

Instrument :

BNA_G

ClientSampleId :

GW-79-7.3-10.0

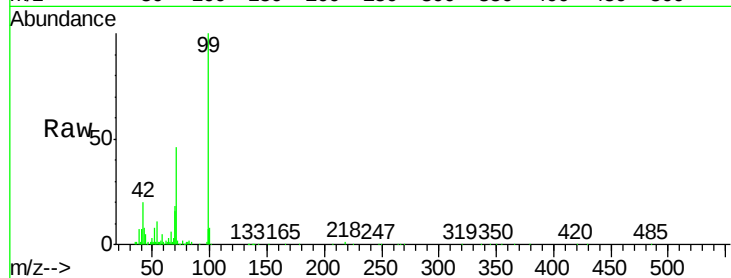
Tgt Ion: 99 Resp: 172748

Ion Ratio Lower Upper

99 100

42 20.5 20.5 30.7#

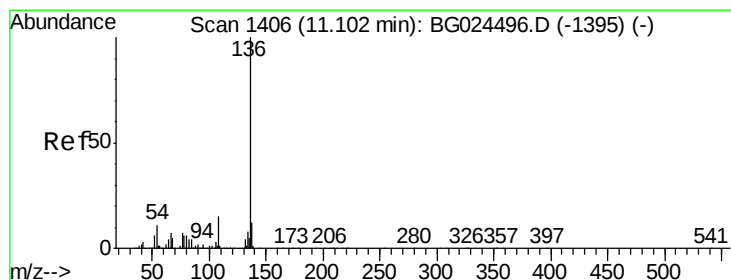
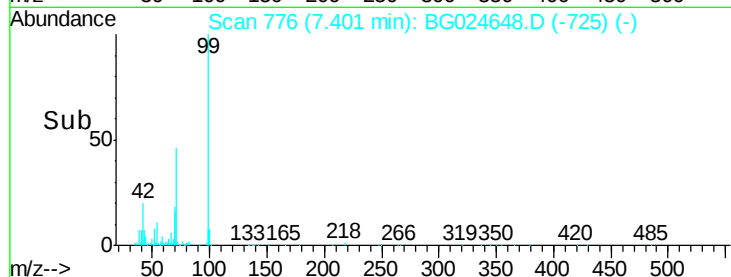
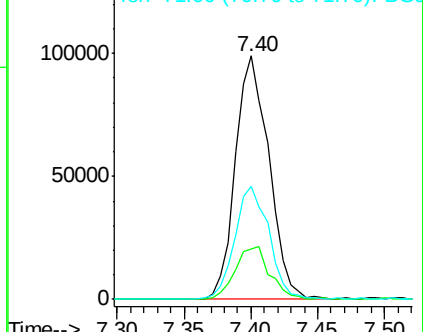
71 46.3 37.6 56.4



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: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024648.D

Acq: 3 Nov 2016 11:55

Tgt Ion: 136 Resp: 482585

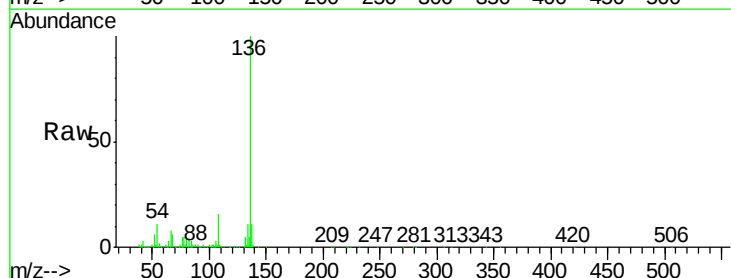
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.6 9.3 13.9

68 5.9 5.1 7.7

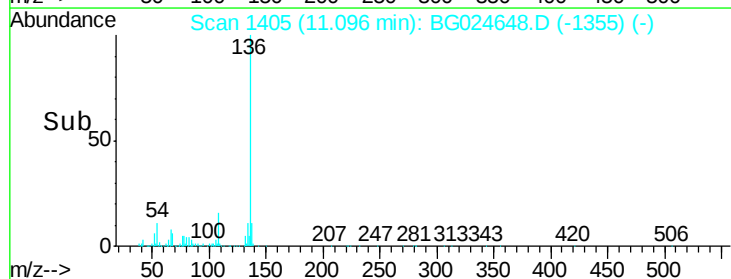
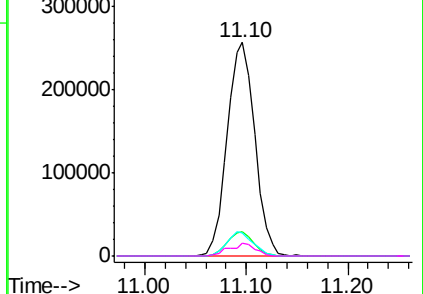


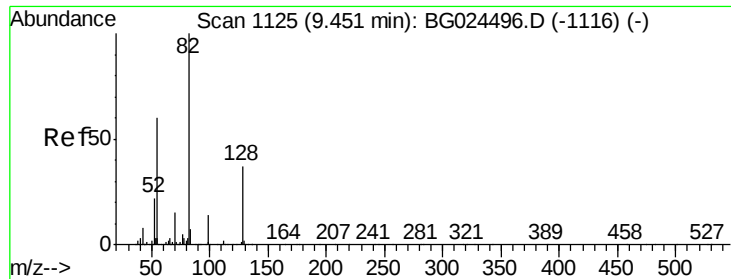
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

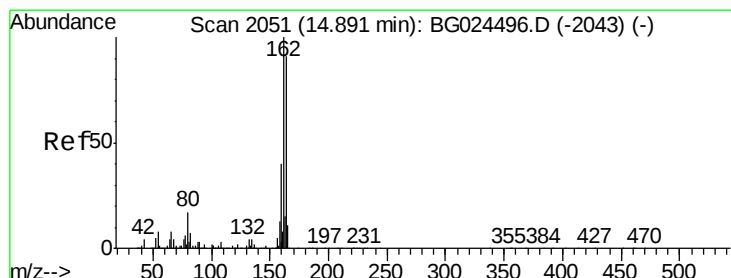
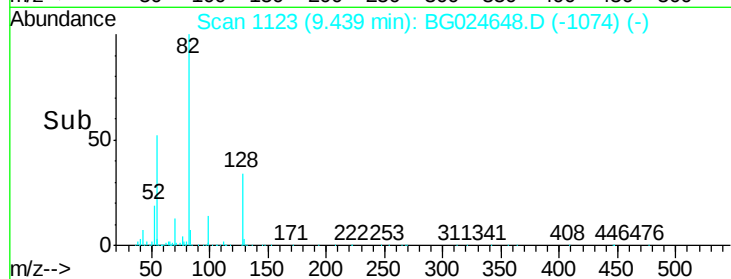
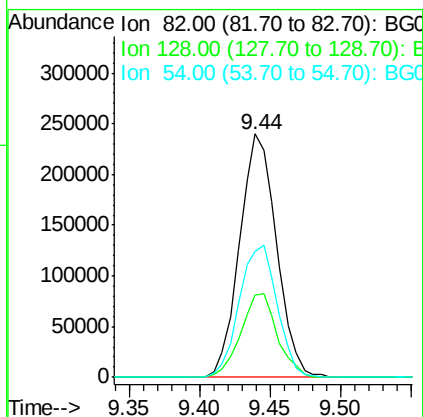
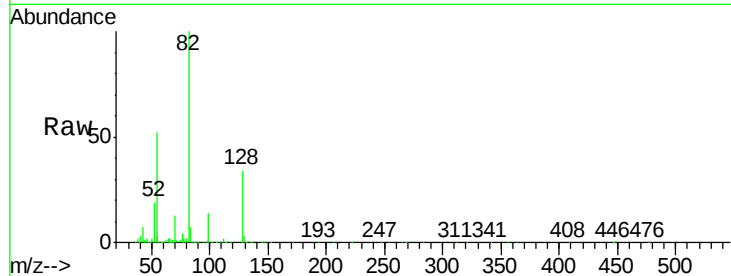




#23
Nitrobenzene-d5
Concen: 41.37 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024648.D
Acq: 3 Nov 2016 11:55

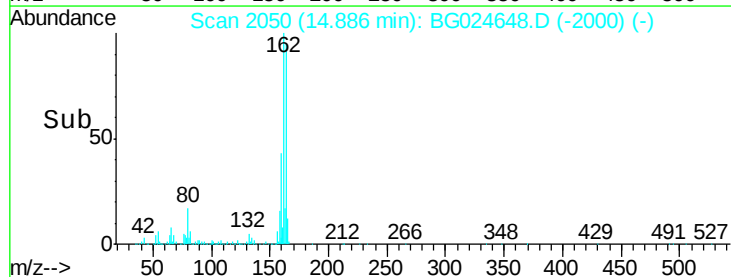
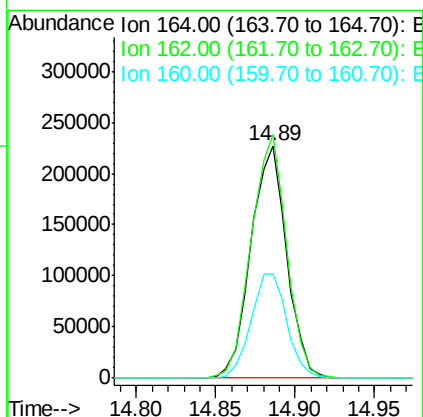
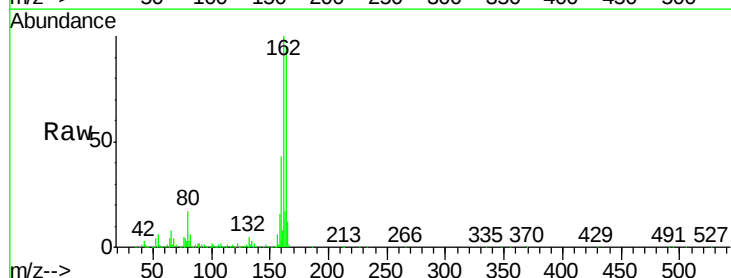
Instrument :
BNA_G
ClientSampleId :
GW-79-7.3-10.0

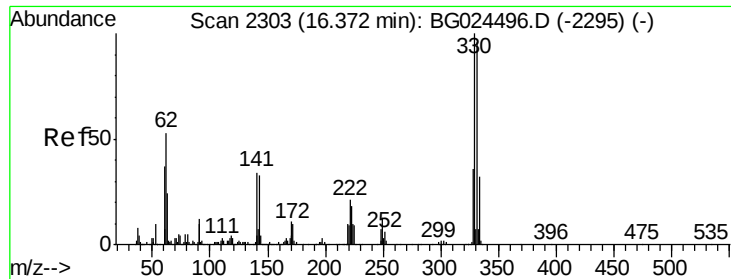
Tgt Ion: 82 Resp: 438472
Ion Ratio Lower Upper
82 100
128 33.7 26.4 39.6
54 52.0 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024648.D
Acq: 3 Nov 2016 11:55

Tgt Ion: 164 Resp: 356081
Ion Ratio Lower Upper
164 100
162 104.9 85.1 127.7
160 44.9 34.7 52.1

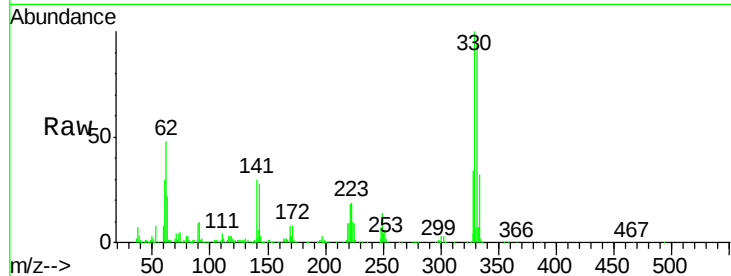




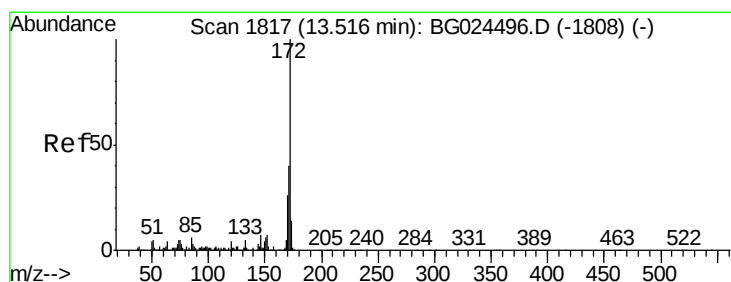
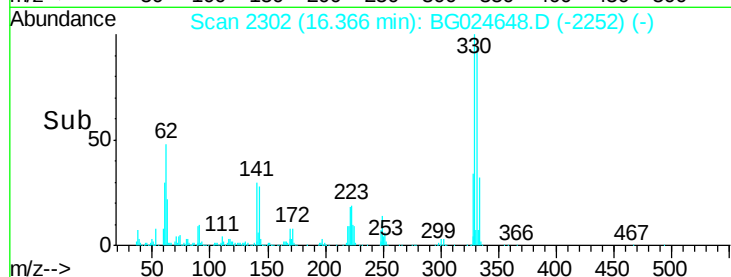
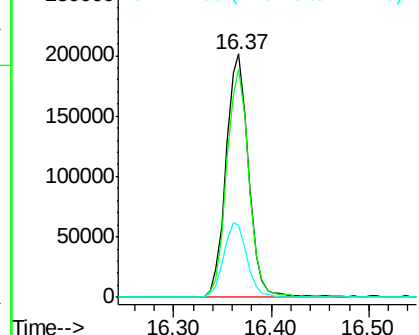
#41
 2,4,6-Tribromophenol
 Concen: 60.82 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024648.D
 Acq: 3 Nov 2016 11:55

Instrument :
 BNA_G
 ClientSampleId :
 GW-79-7.3-10.0

Tgt Ion:330 Resp: 323568
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.3 115.9
 141 31.3 32.1 48.1#

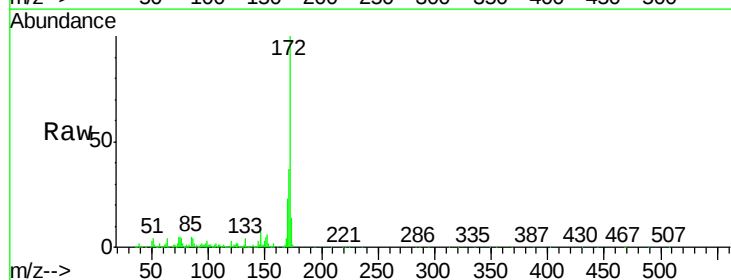


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

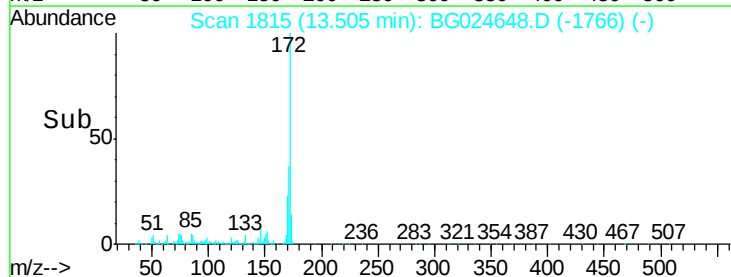
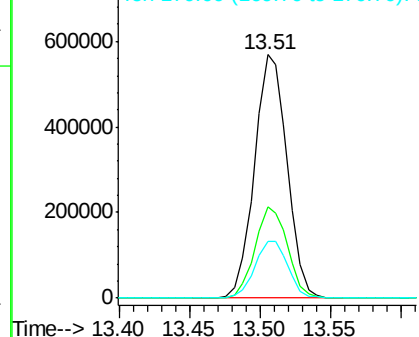


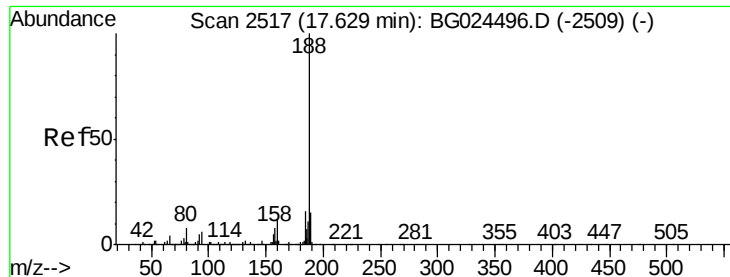
#44
 2-Fluorobiphenyl
 Concen: 42.95 ng
 RT: 13.51 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024648.D
 Acq: 3 Nov 2016 11:55

Tgt Ion:172 Resp: 920141
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 23.3 21.8 32.6



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

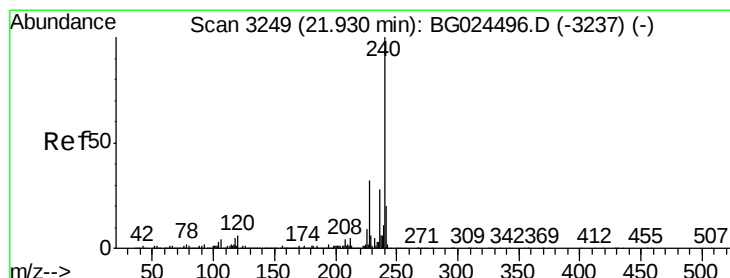
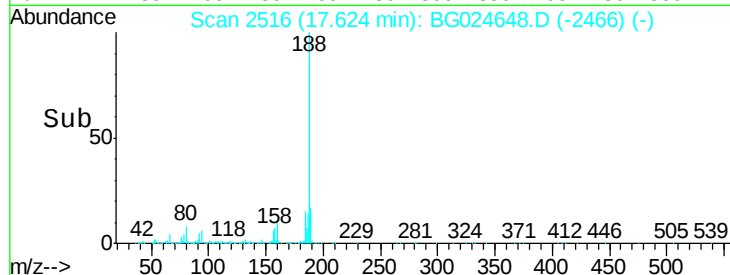
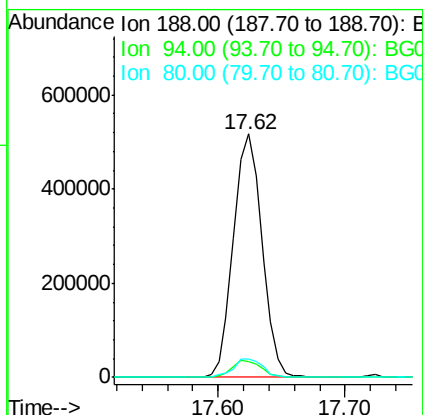
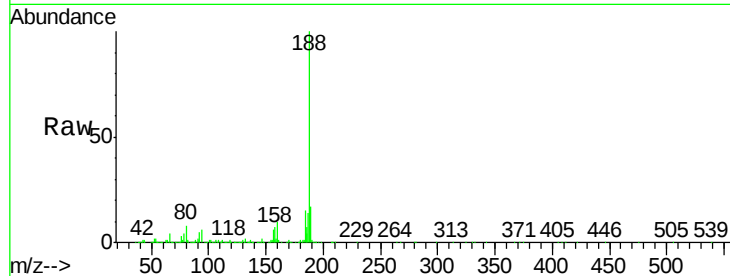




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024648.D
Acq: 3 Nov 2016 11:55

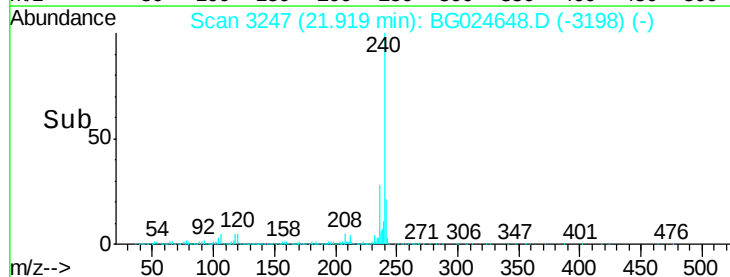
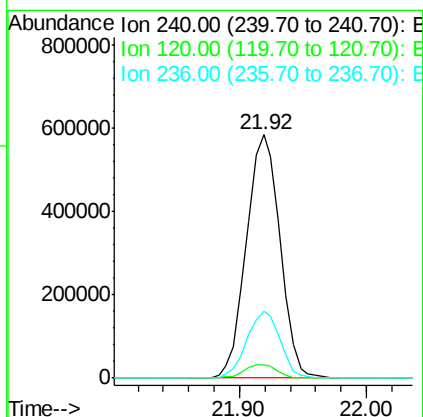
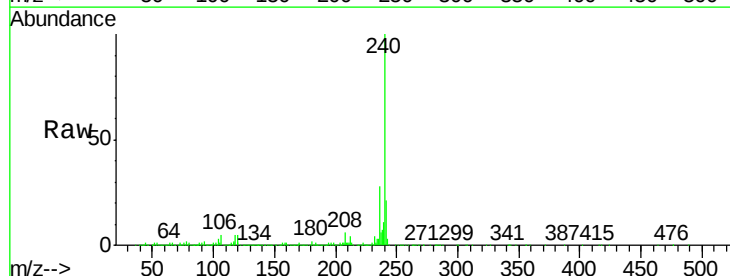
Instrument :
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GW-79-7.3-10.0

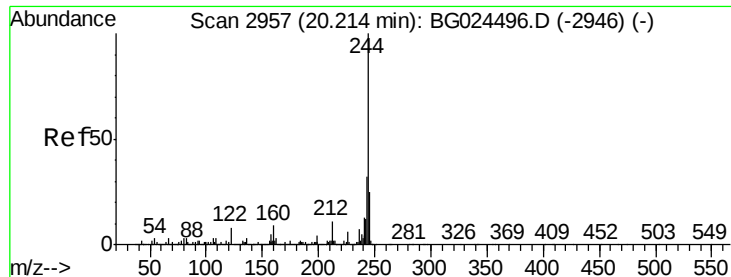
Tgt Ion:188 Resp: 809845
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024648.D
Acq: 3 Nov 2016 11:55

Tgt Ion:240 Resp: 1081420
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 27.7 22.2 33.4





#78

Terphenyl-d14

Concen: 42.61 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024648.D

Acq: 3 Nov 2016 11:55

Instrument :

BNA_G

ClientSampleId :

GW-79-7.3-10.0

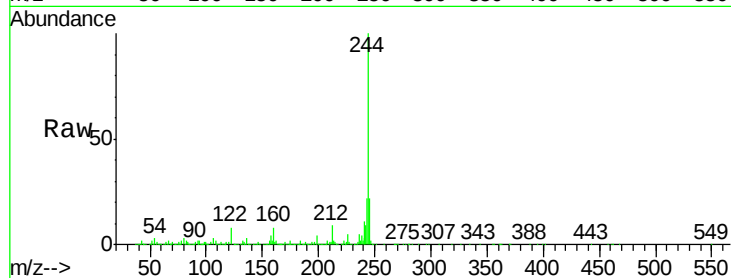
Tgt Ion:244 Resp: 1542046

Ion Ratio Lower Upper

244 100

212 8.8 10.0 15.0#

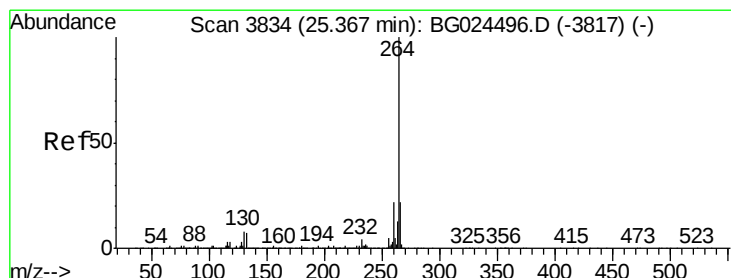
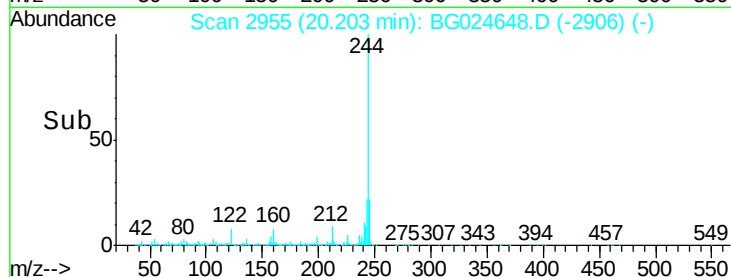
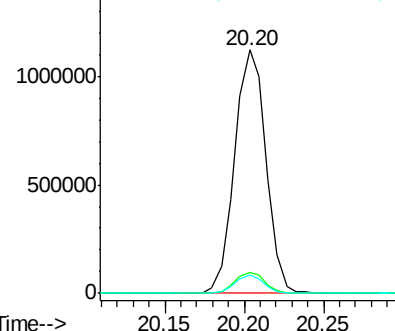
122 7.7 8.6 12.8#



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: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024648.D

Acq: 3 Nov 2016 11:55

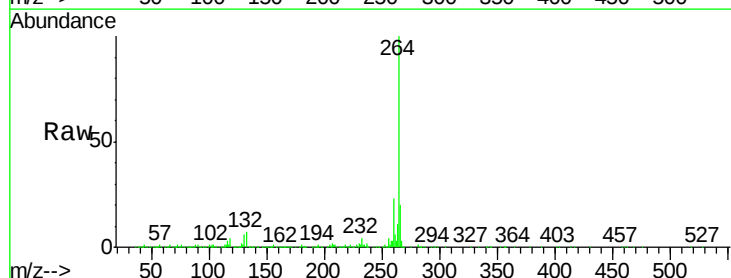
Tgt Ion:264 Resp: 1108852

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 20.3 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

