

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
 Data File : BG024641.D
 Acq On : 3 Nov 2016 1:08
 Operator : UM/SJ
 Sample : H5491-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-DUP-102816

Quant Time: Nov 03 01:36:02 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	127748	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	499868	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	378266	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	801262	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1174843	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1183612	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	493675	63.34	ng	0.00
7) Phenol-d6	7.40	99	485926	45.45	ng	0.00
23) Nitrobenzene-d5	9.44	82	783762	71.39	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	576626	102.04	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1623260	71.33	ng	0.00
78) Terphenyl-d14	20.21	244	2733538	69.53	ng	0.00

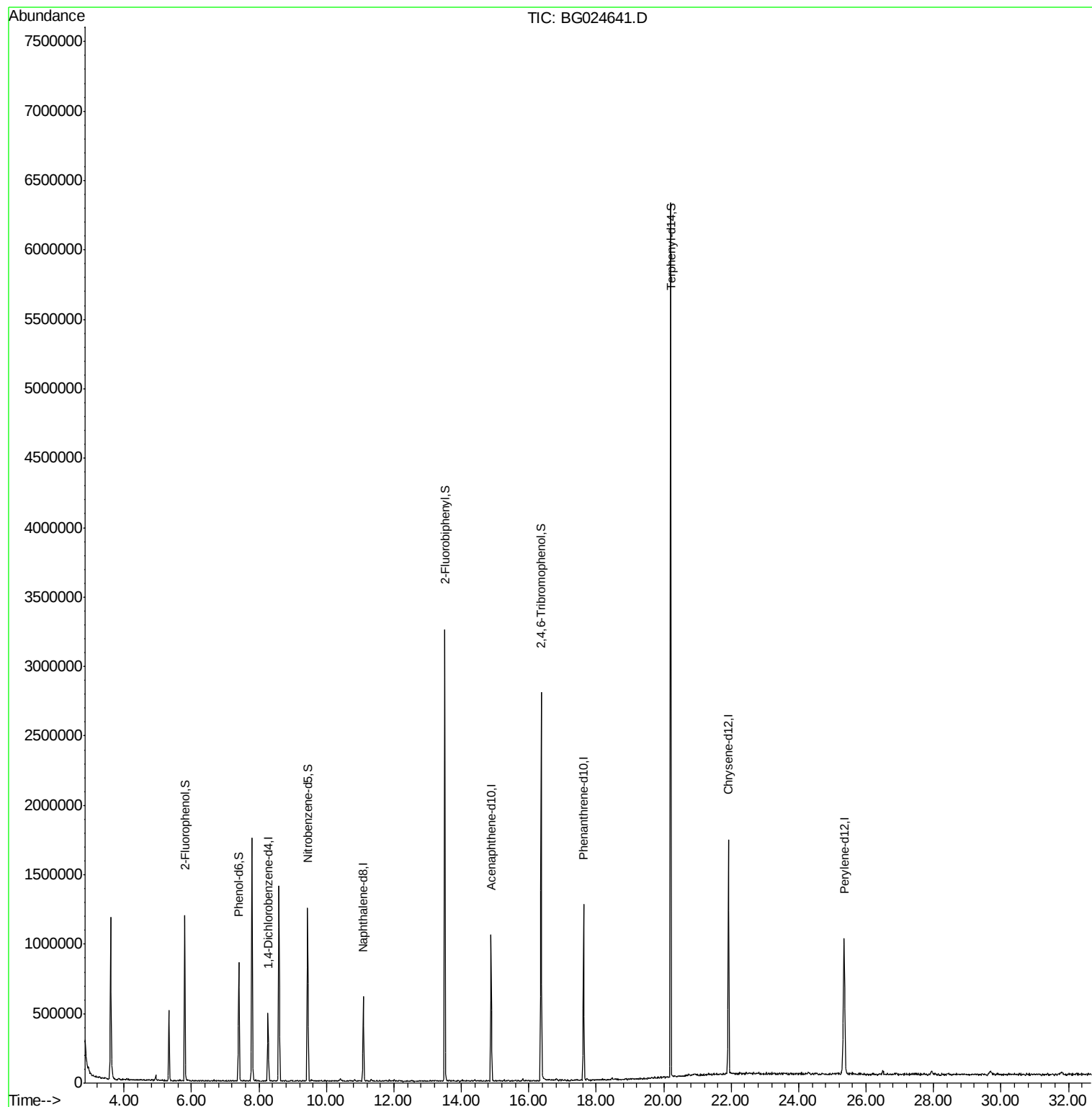
Target Compounds	Qvalue
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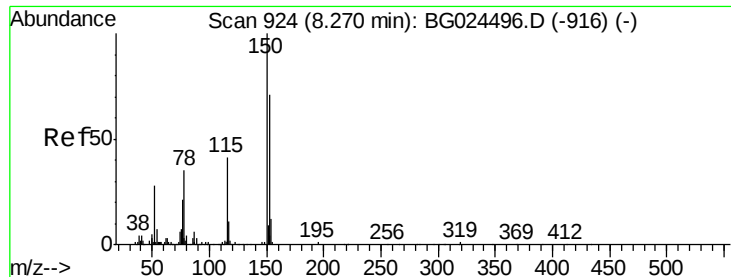
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024641.D

Acq: 3 Nov 2016 1:08

Instrument :

BNA_G

ClientSampleId :

GW-DUP-102816

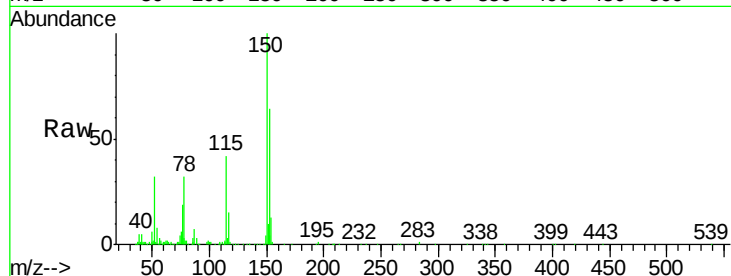
Tgt Ion:152 Resp: 127748

Ion Ratio Lower Upper

152 100

150 155.8 114.0 171.0

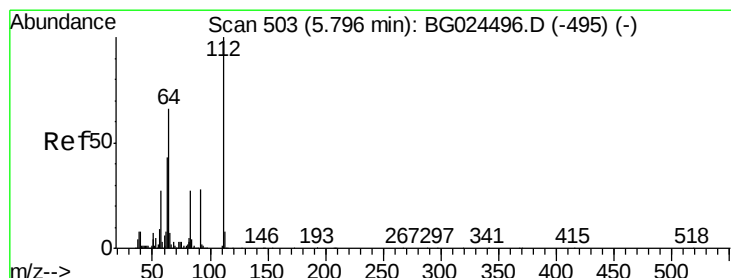
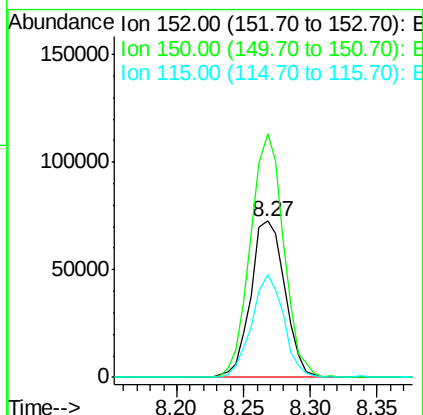
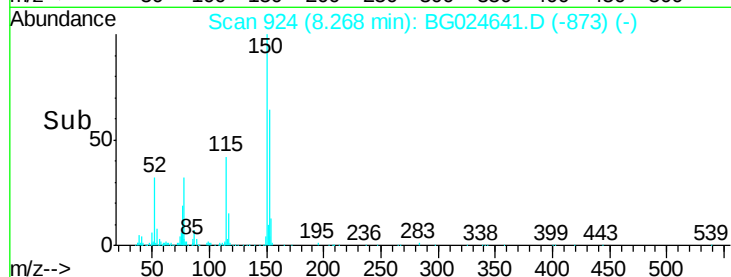
115 65.6 48.1 72.1



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: 63.34 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024641.D

Acq: 3 Nov 2016 1:08

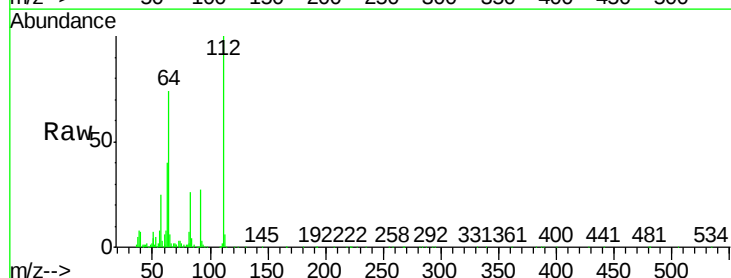
Tgt Ion:112 Resp: 493675

Ion Ratio Lower Upper

112 100

64 73.8 61.8 92.6

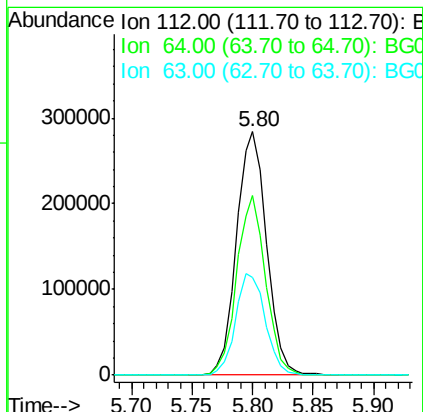
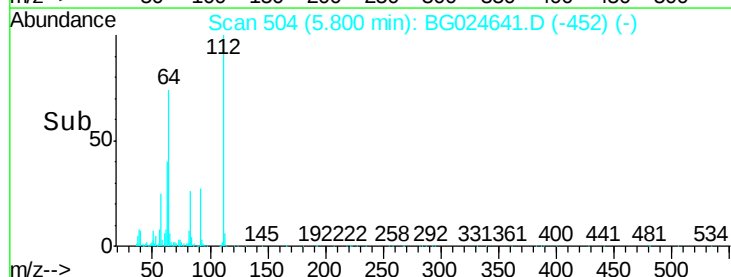
63 40.4 37.2 55.8



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: 45.45 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024641.D

Acq: 3 Nov 2016 1:08

Instrument :

BNA_G

ClientSampleId :

GW-DUP-102816

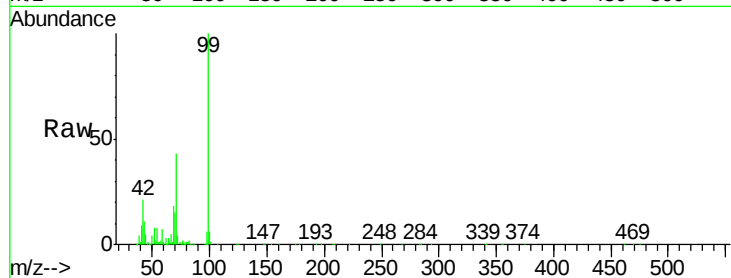
Tgt Ion: 99 Resp: 485926

Ion Ratio Lower Upper

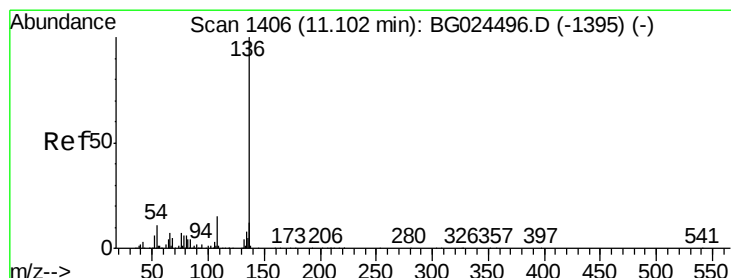
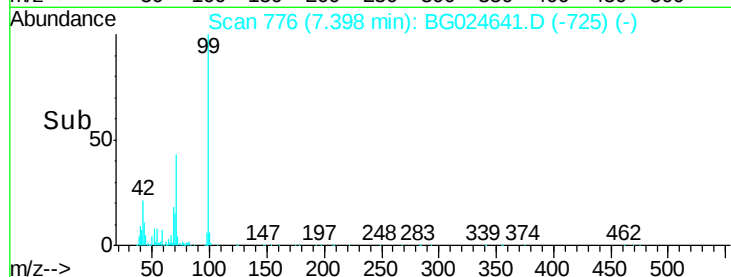
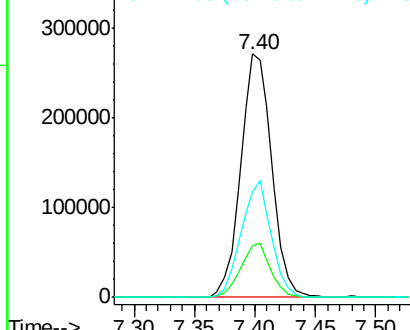
99 100

42 21.2 20.5 30.7

71 43.3 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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024641.D

Acq: 3 Nov 2016 1:08

Tgt Ion: 136 Resp: 499868

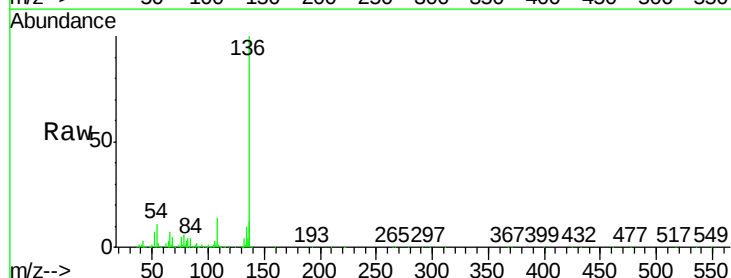
Ion Ratio Lower Upper

136 100

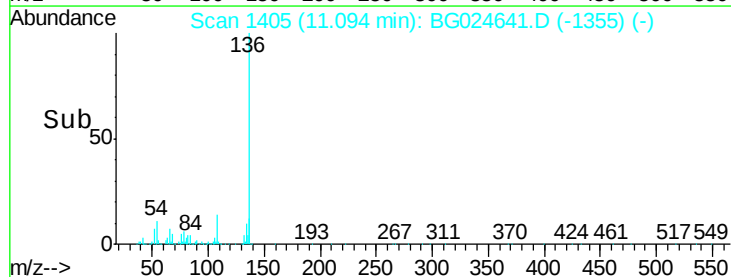
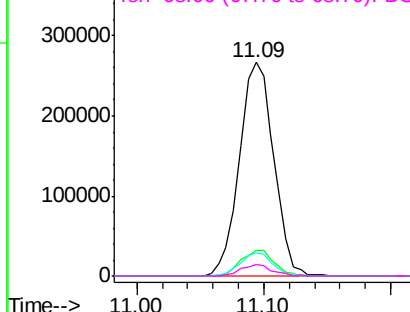
137 11.8 8.9 13.3

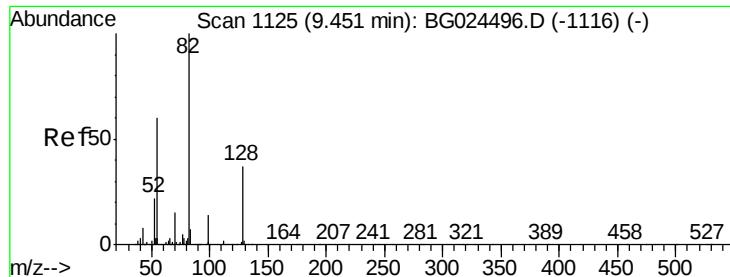
54 10.9 9.3 13.9

68 5.5 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

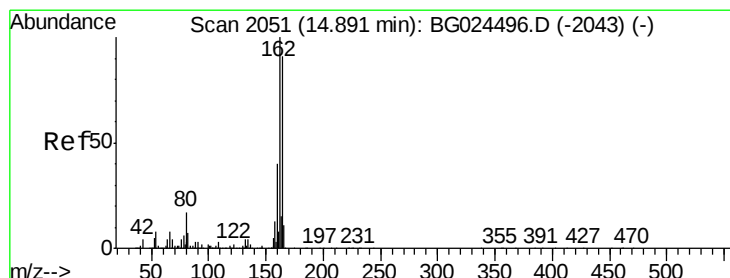
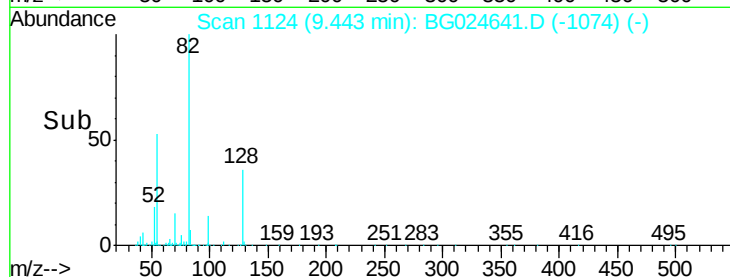
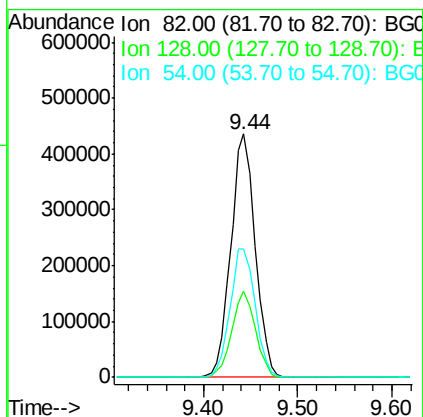
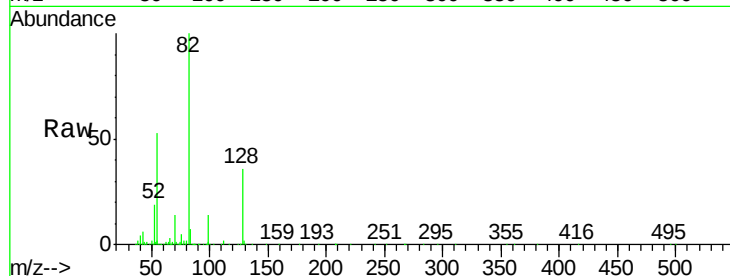




#23
Nitrobenzene-d5
Concen: 71.39 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024641.D
Acq: 3 Nov 2016 1:08

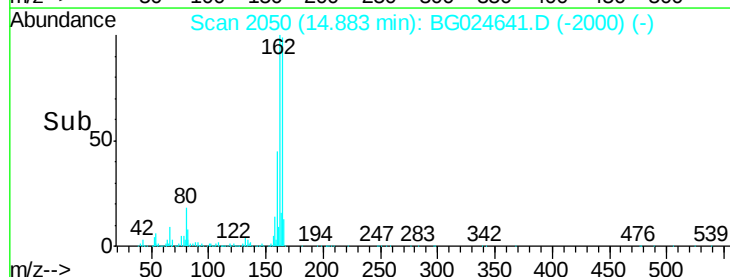
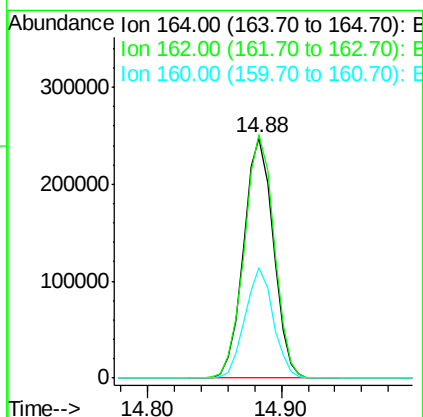
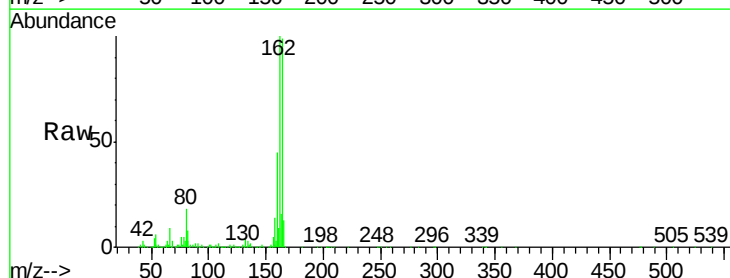
Instrument :
BNA_G
ClientSampleId :
GW-DUP-102816

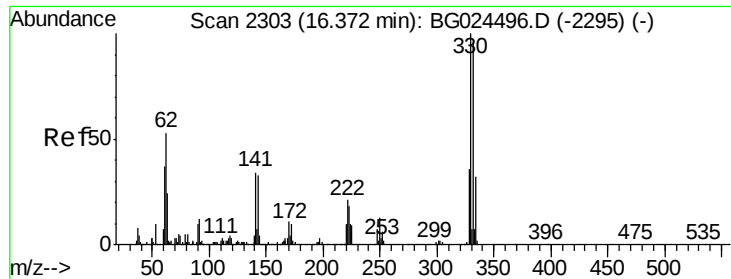
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.4	39.6
54	52.7	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024641.D
Acq: 3 Nov 2016 1:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	85.1	127.7
160	45.9	34.7	52.1

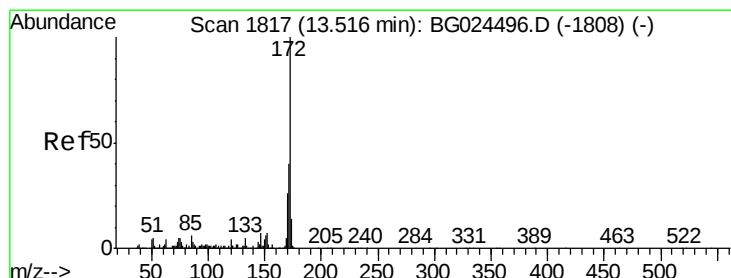
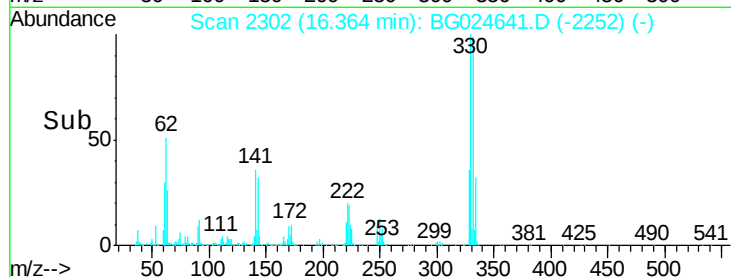
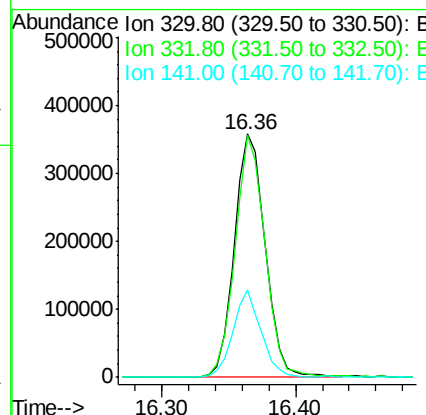
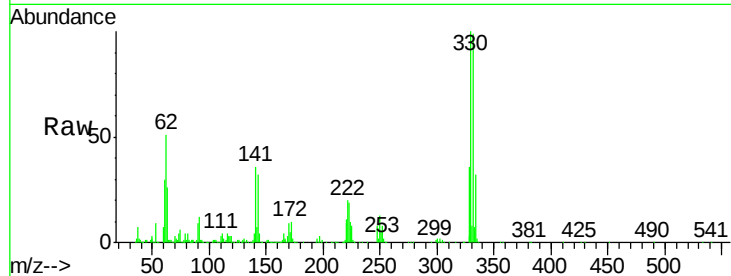




#41
 2,4,6-Tribromophenol
 Concen: 102.04 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024641.D
 Acq: 3 Nov 2016 1:08

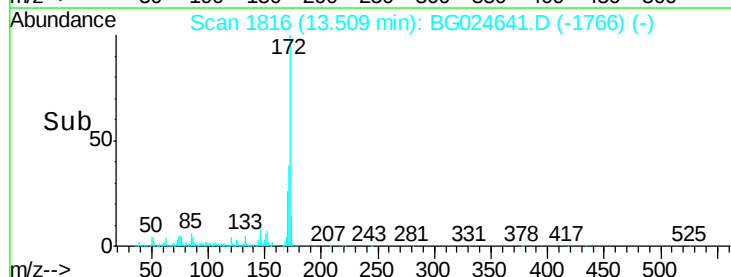
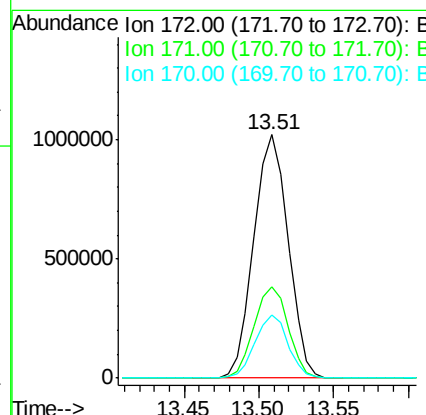
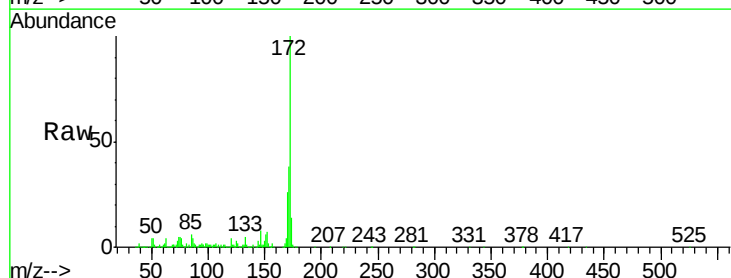
Instrument :
 BNA_G
 ClientSampleId :
 GW-DUP-102816

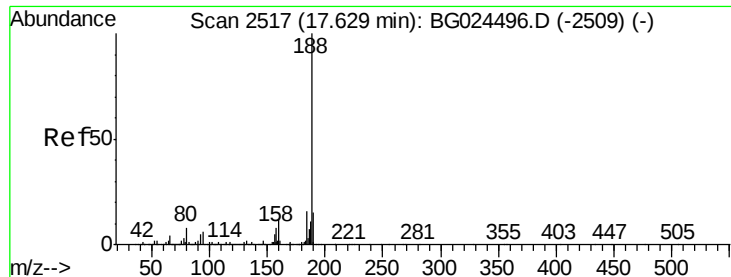
Tgt Ion:330 Resp: 576626
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 32.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 71.33 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024641.D
 Acq: 3 Nov 2016 1:08

Tgt Ion:172 Resp: 1623260
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 25.8 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: BG024641.D

Acq: 3 Nov 2016 1:08

Instrument :

BNA_G

ClientSampleId :

GW-DUP-102816

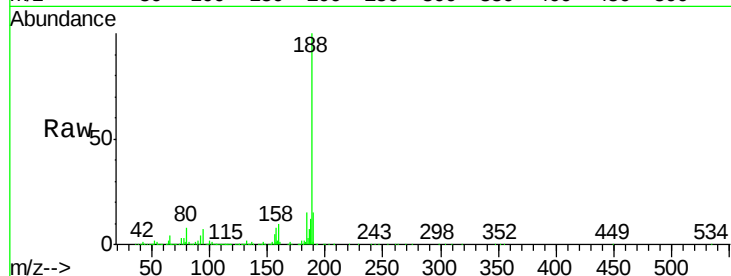
Tgt Ion:188 Resp: 801262

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

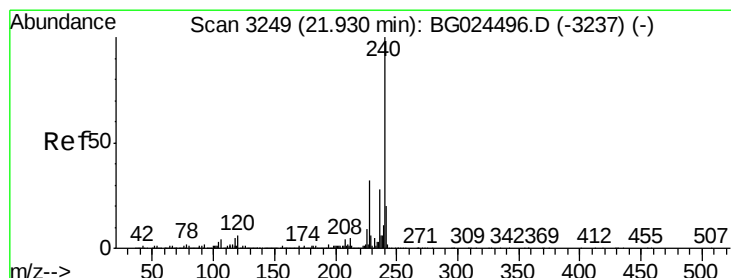
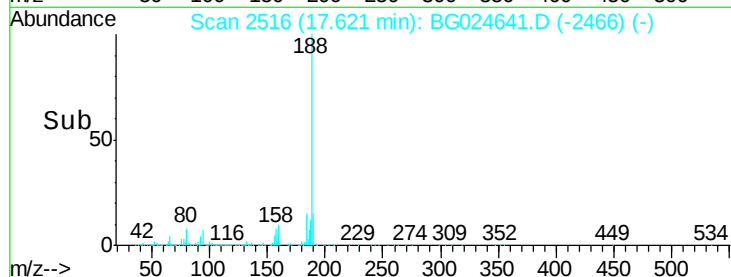
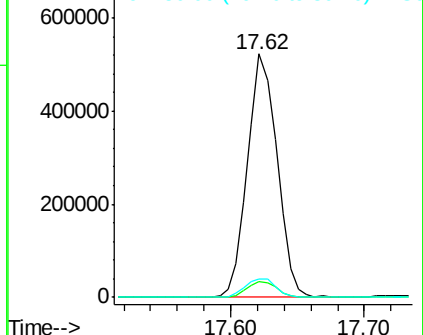
80 7.6 7.5 11.3



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: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024641.D

Acq: 3 Nov 2016 1:08

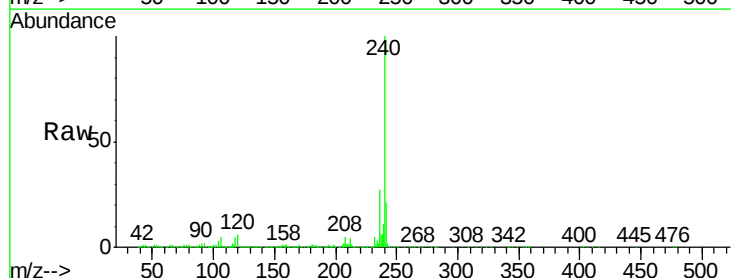
Tgt Ion:240 Resp: 1174843

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

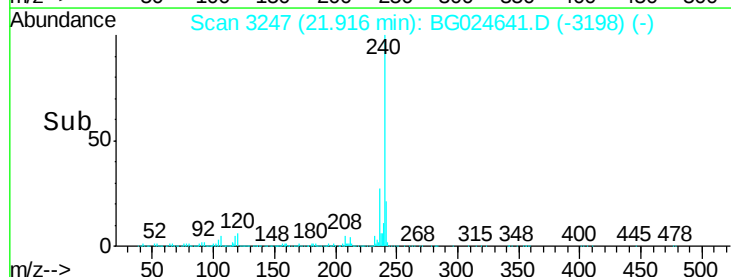
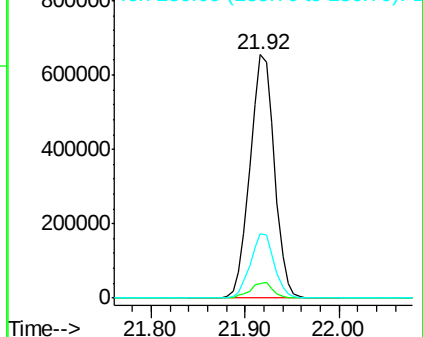
236 26.6 22.2 33.4

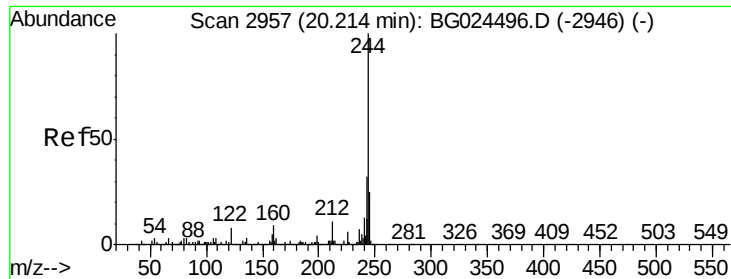


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.53 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024641.D

Acq: 3 Nov 2016 1:08

Instrument :

BNA_G

ClientSampleId :

GW-DUP-102816

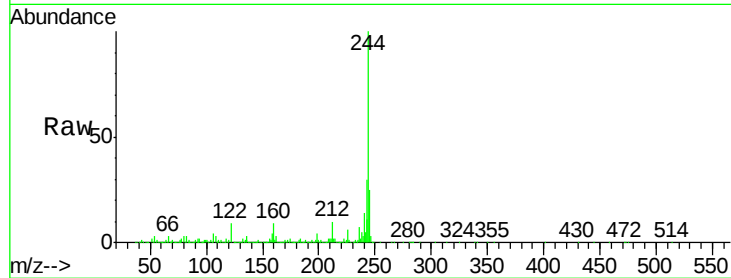
Tgt Ion:244 Resp: 2733538

Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

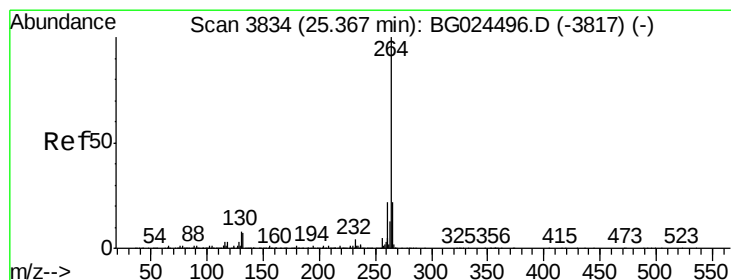
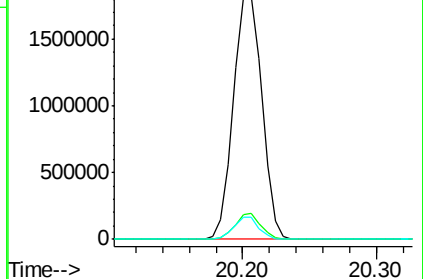
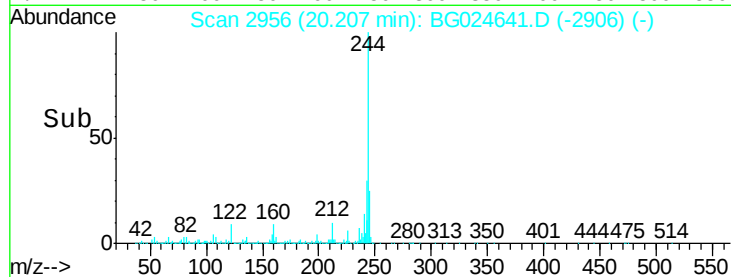
122 9.1 8.6 12.8



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: BG024641.D

Acq: 3 Nov 2016 1:08

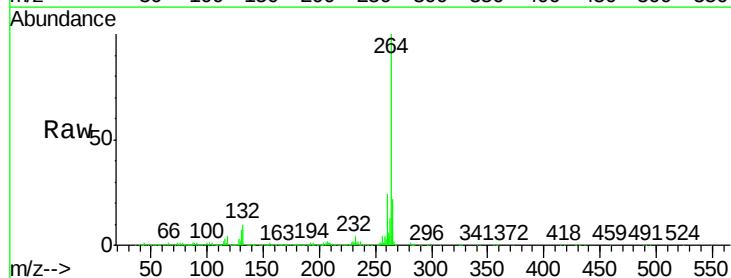
Tgt Ion:264 Resp: 1183612

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 21.7 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

