

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024664.D
 Acq On : 4 Nov 2016 2:15
 Operator : UM/SJ
 Sample : H5480-05RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

Quant Time: Nov 04 03:16:49 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

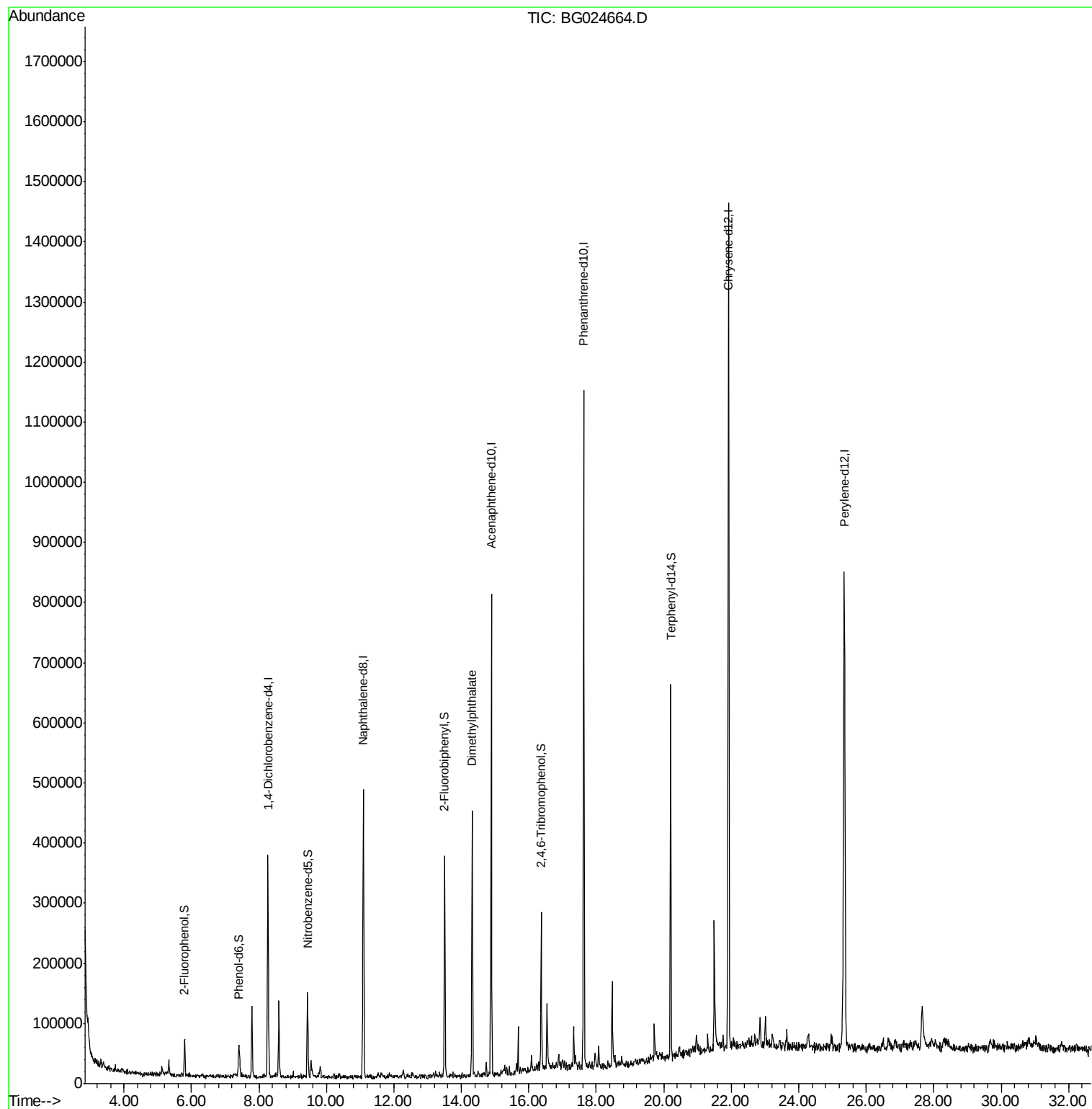
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	96503	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	393686	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	306309	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	697991	20.00	ng	0.00
75) Chrysene-d12	21.92	240	944204	20.00	ng	-0.01
86) Perylene-d12	25.35	264	974911	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	24878	4.23	ng	0.00
7) Phenol-d6	7.40	99	28748	3.56	ng	0.00
23) Nitrobenzene-d5	9.44	82	88642	10.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	52784	11.53	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	183051	9.93	ng	-0.01
78) Terphenyl-d14	20.20	244	279454	8.84	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.32	163	282772	13.00	ng	Qvalue # 91

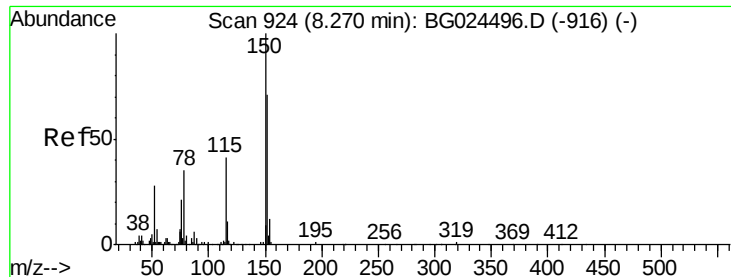
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024664.D

Acq: 4 Nov 2016 2:15

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

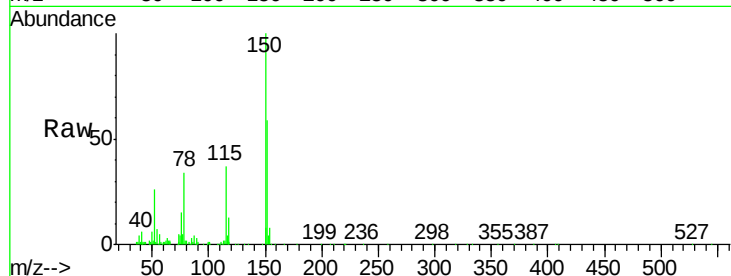
Tgt Ion:152 Resp: 96503

Ion Ratio Lower Upper

152 100

150 169.6 114.0 171.0

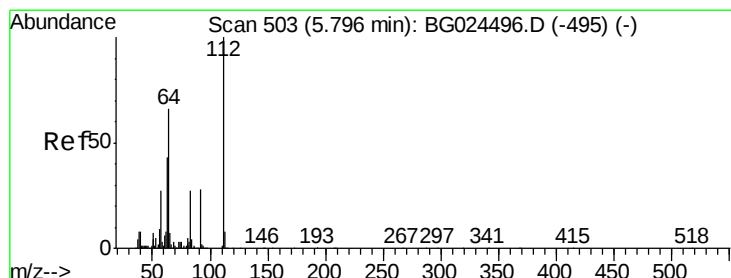
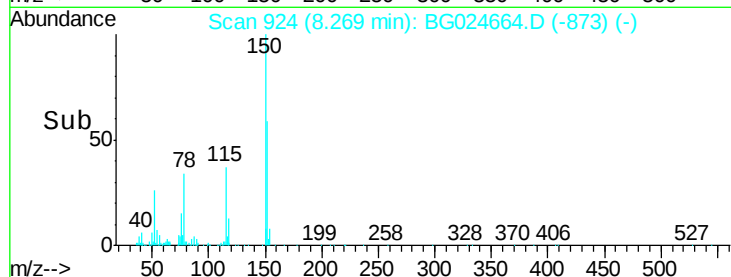
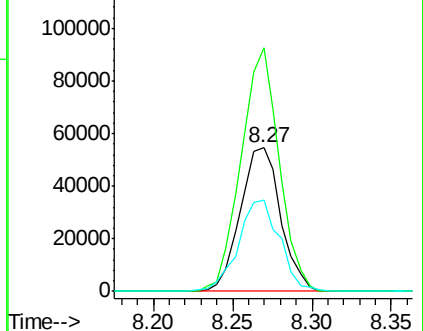
115 63.4 48.1 72.1



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: 4.23 ng

RT: 5.79 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG024664.D

Acq: 4 Nov 2016 2:15

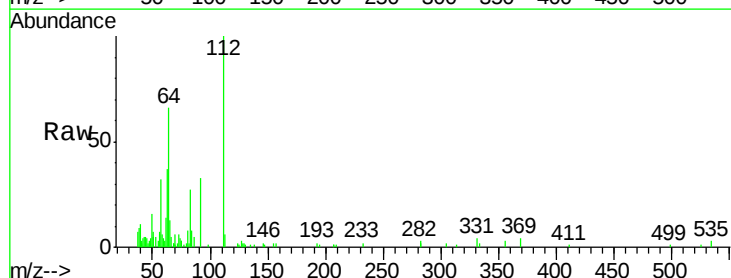
Tgt Ion:112 Resp: 24878

Ion Ratio Lower Upper

112 100

64 65.9 61.8 92.6

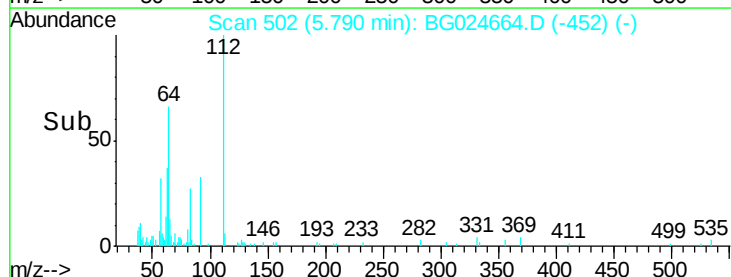
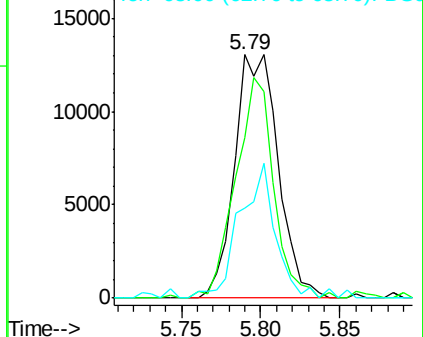
63 36.9 37.2 55.8#



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: 3.56 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024664.D

Acq: 4 Nov 2016 2:15

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

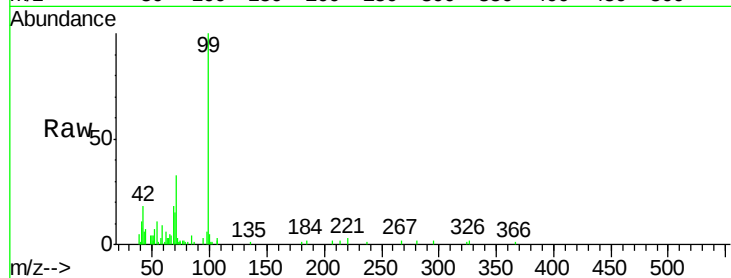
Tgt Ion: 99 Resp: 28748

Ion Ratio Lower Upper

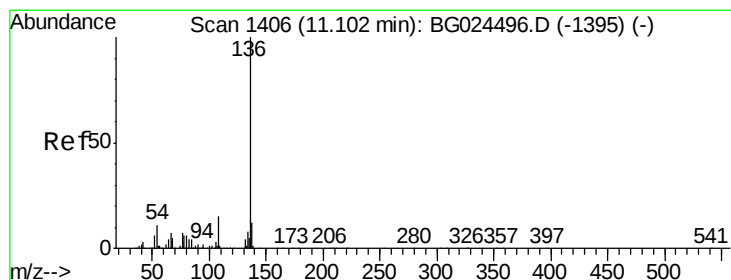
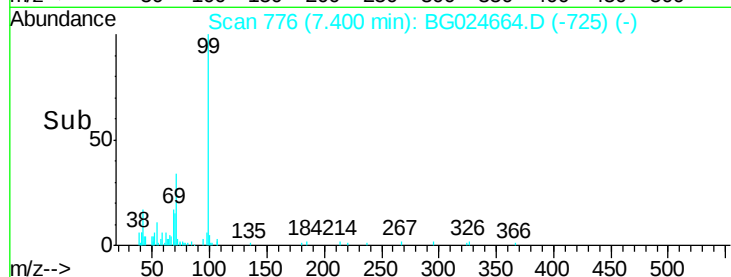
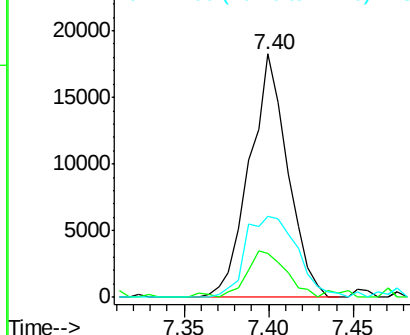
99 100

42 17.8 20.5 30.7#

71 33.4 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: BG024664.D

Acq: 4 Nov 2016 2:15

Tgt Ion: 136 Resp: 393686

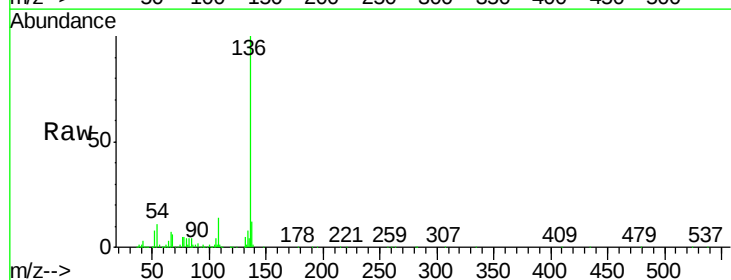
Ion Ratio Lower Upper

136 100

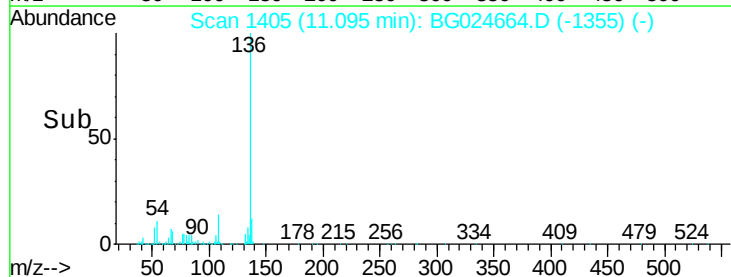
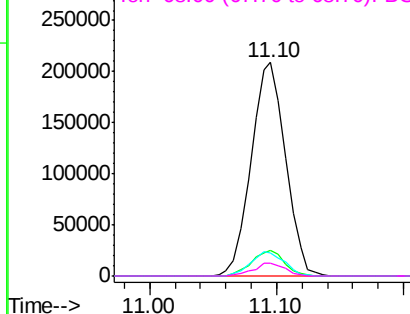
137 11.8 8.9 13.3

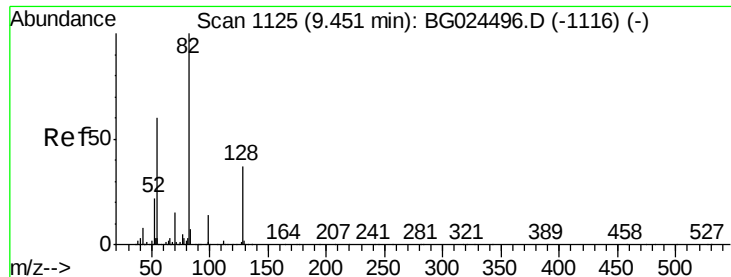
54 10.7 9.3 13.9

68 5.7 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

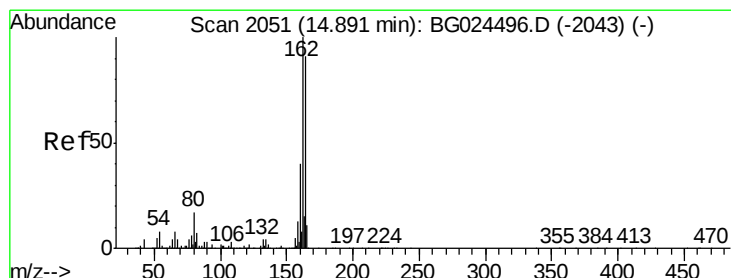
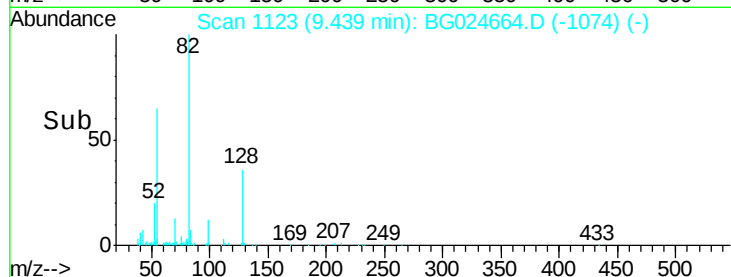
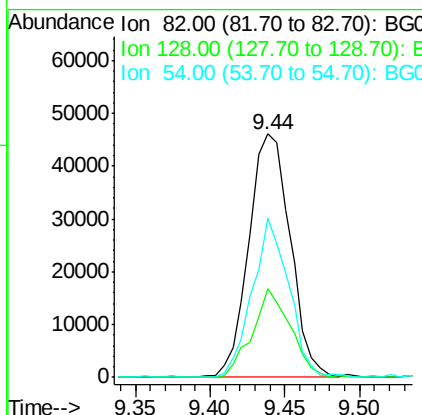
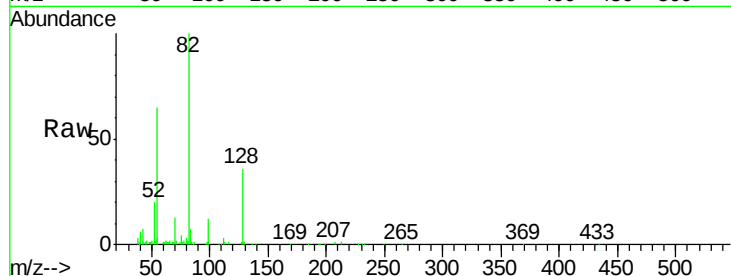




#23
 Nitrobenzene-d5
 Concen: 10.25 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG024664.D
 Acq: 4 Nov 2016 2:15

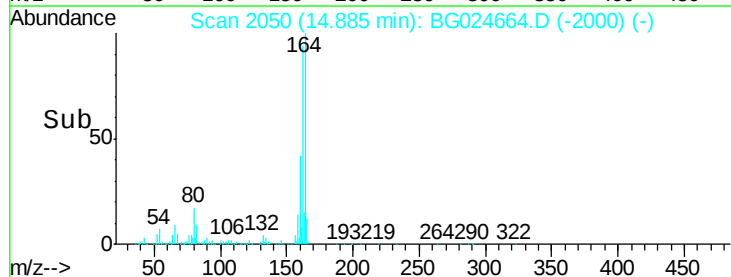
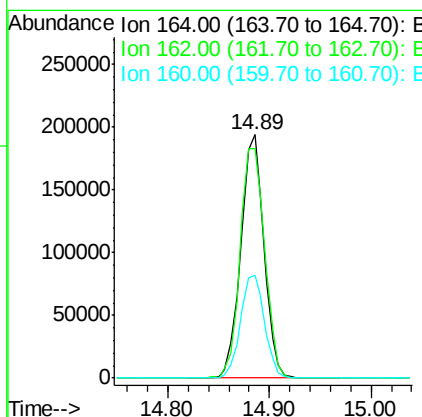
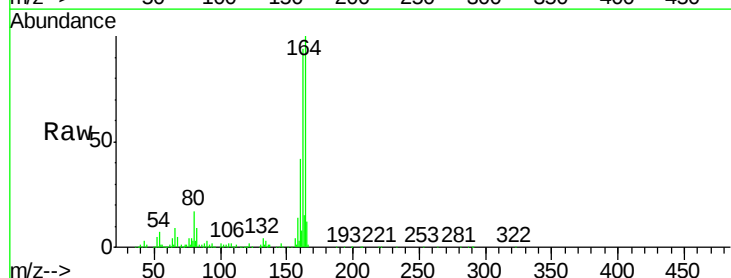
Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

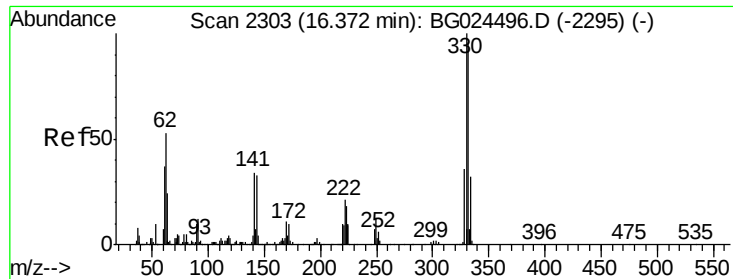
Tgt Ion: 82 Resp: 88642
 Ion Ratio Lower Upper
 82 100
 128 36.5 26.4 39.6
 54 65.1 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024664.D
 Acq: 4 Nov 2016 2:15

Tgt Ion: 164 Resp: 306309
 Ion Ratio Lower Upper
 164 100
 162 94.1 85.1 127.7
 160 42.5 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 11.53 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024664.D

Acq: 4 Nov 2016 2:15

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

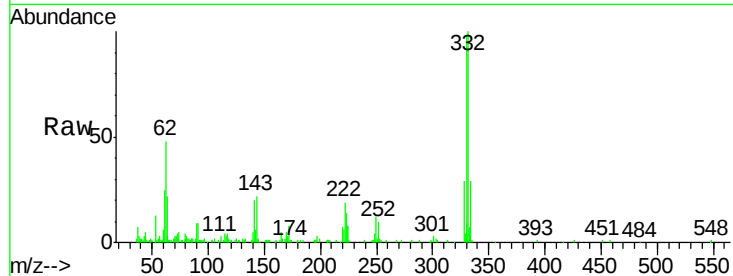
Tgt Ion:330 Resp: 52784

Ion Ratio Lower Upper

330 100

332 102.2 77.3 115.9

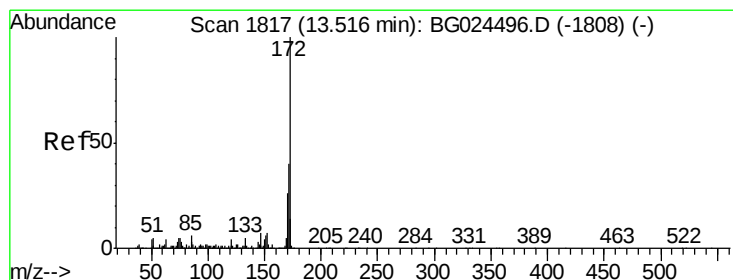
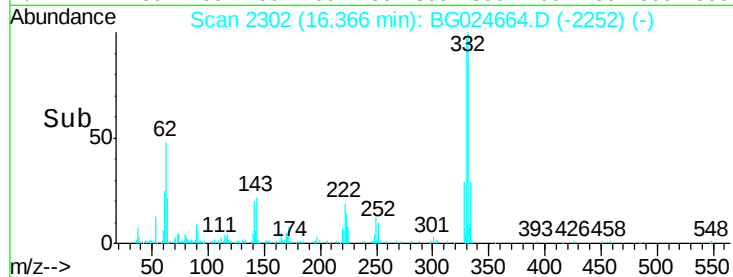
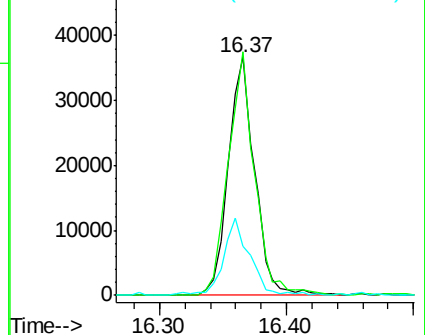
141 31.8 32.1 48.1#



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: 9.93 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG024664.D

Acq: 4 Nov 2016 2:15

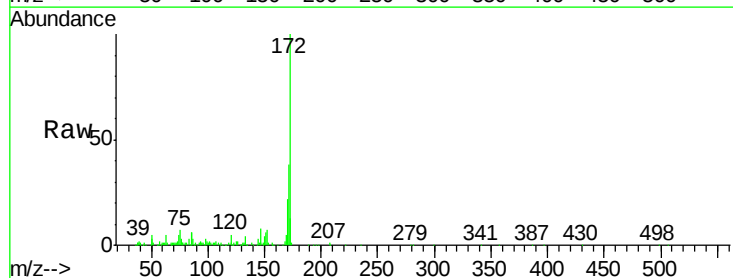
Tgt Ion:172 Resp: 183051

Ion Ratio Lower Upper

172 100

171 38.2 32.2 48.2

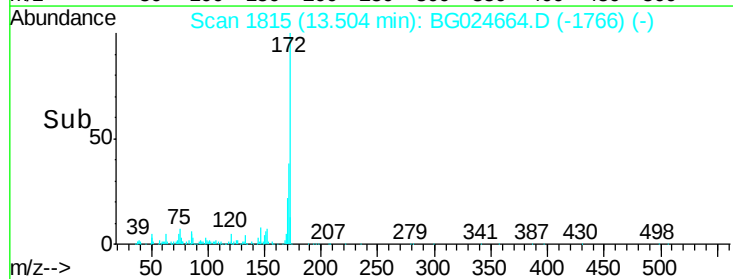
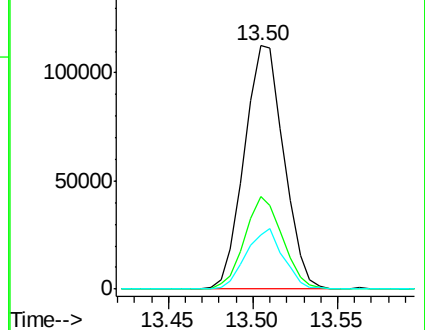
170 22.4 21.8 32.6

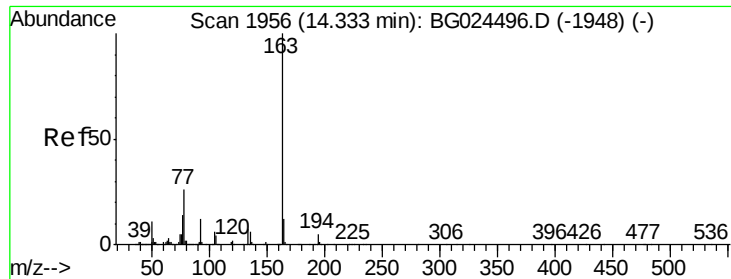


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.00 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024664.D

Acq: 4 Nov 2016 2:15

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

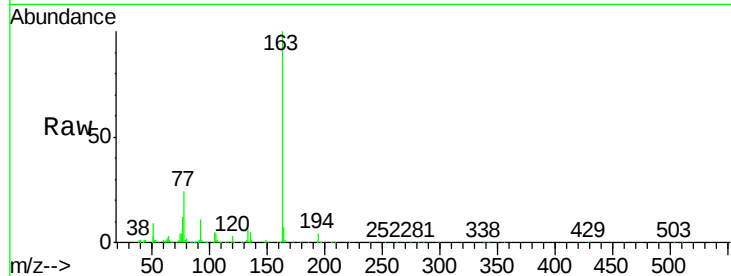
Tgt Ion:163 Resp: 282772

Ion Ratio Lower Upper

163 100

194 3.7 3.8 5.6#

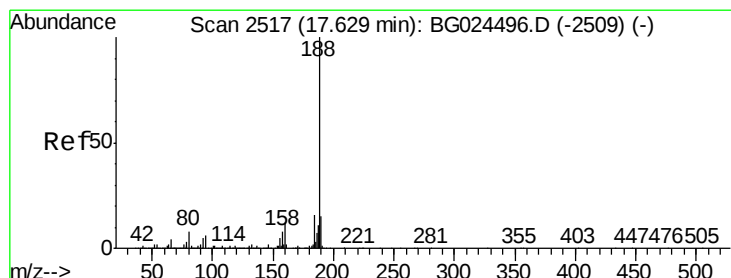
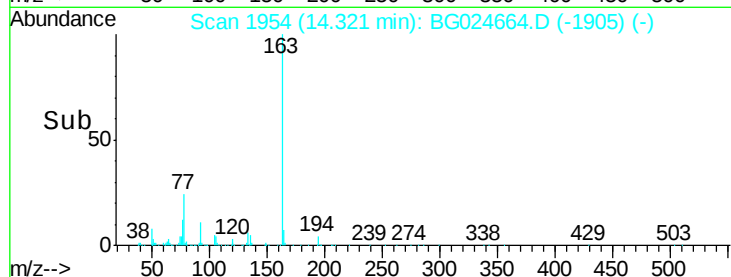
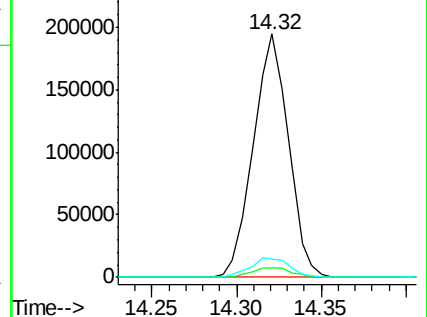
164 7.4 9.3 13.9#



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: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024664.D

Acq: 4 Nov 2016 2:15

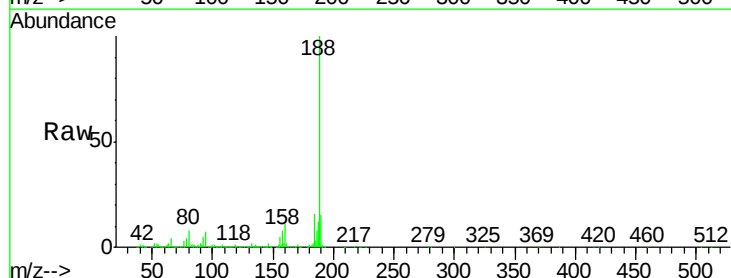
Tgt Ion:188 Resp: 697991

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

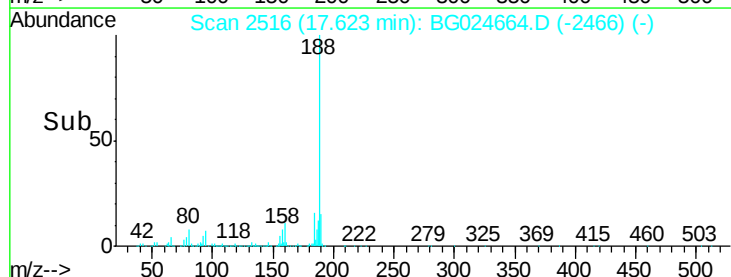
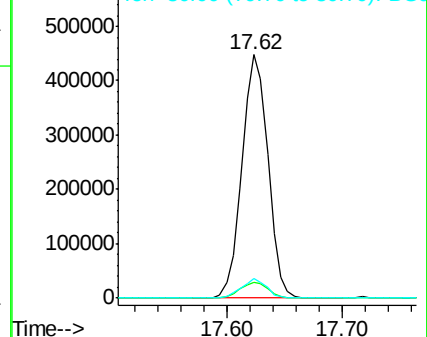
80 8.3 7.5 11.3

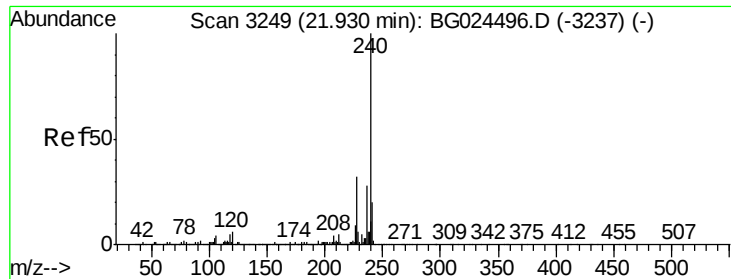


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

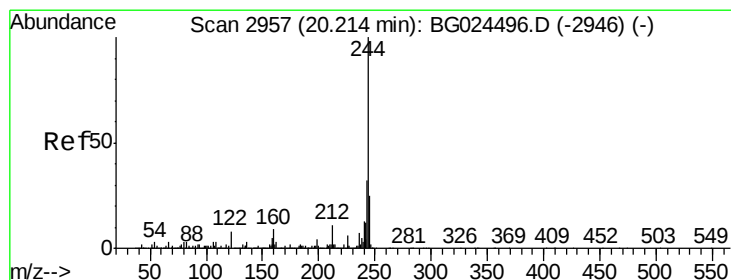
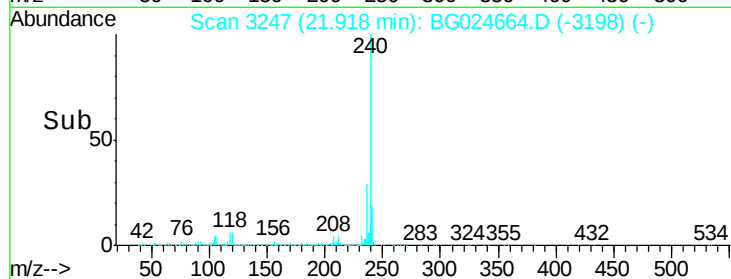
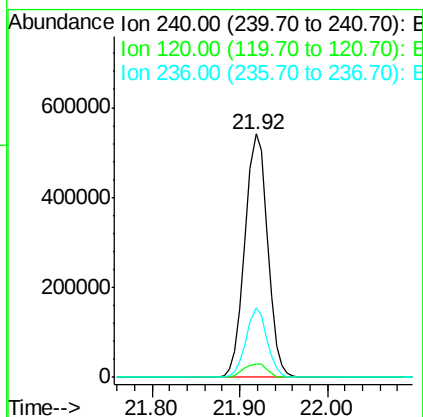
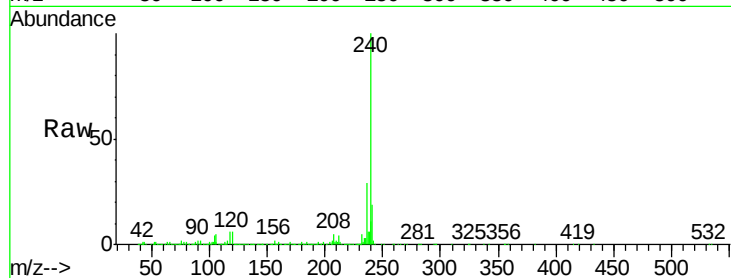




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024664.D
Acq: 4 Nov 2016 2:15

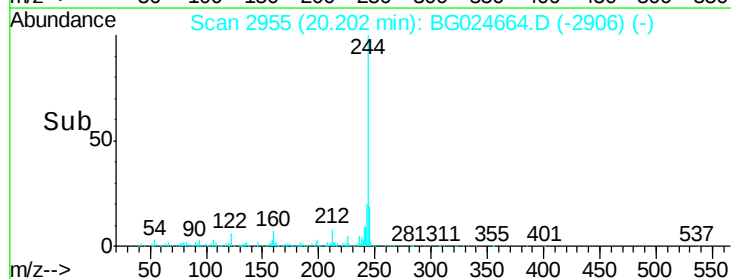
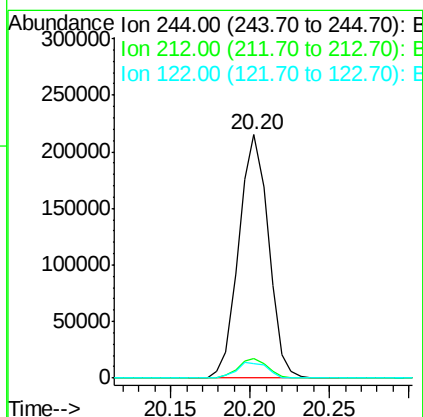
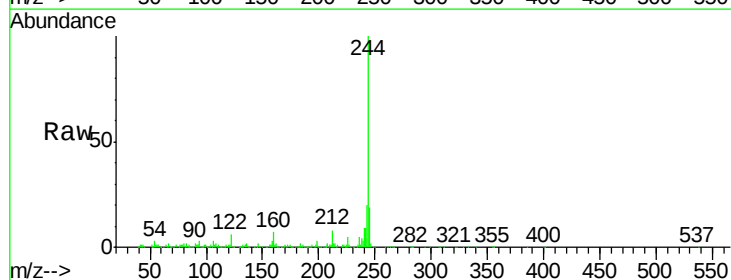
Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

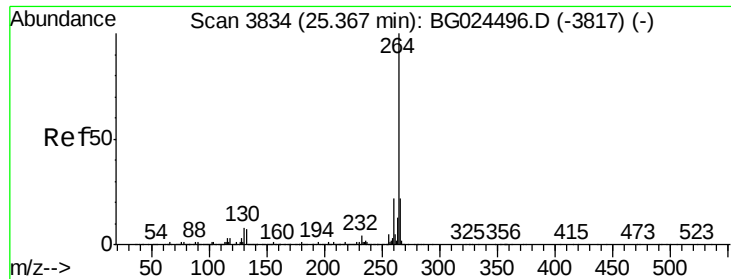
Tgt Ion:240 Resp: 944204
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 28.6 22.2 33.4



#78
Terphenyl-d14
Concen: 8.84 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024664.D
Acq: 4 Nov 2016 2:15

Tgt Ion:244 Resp: 279454
Ion Ratio Lower Upper
244 100
212 8.1 10.0 15.0#
122 5.7 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: BG024664.D
Acq: 4 Nov 2016 2:15

Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.1	18.2	27.4

