

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024565.D
 Acq On : 31 Oct 2016 20:44
 Operator : UM/SJ
 Sample : H5477-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Quant Time: Nov 01 11:57:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

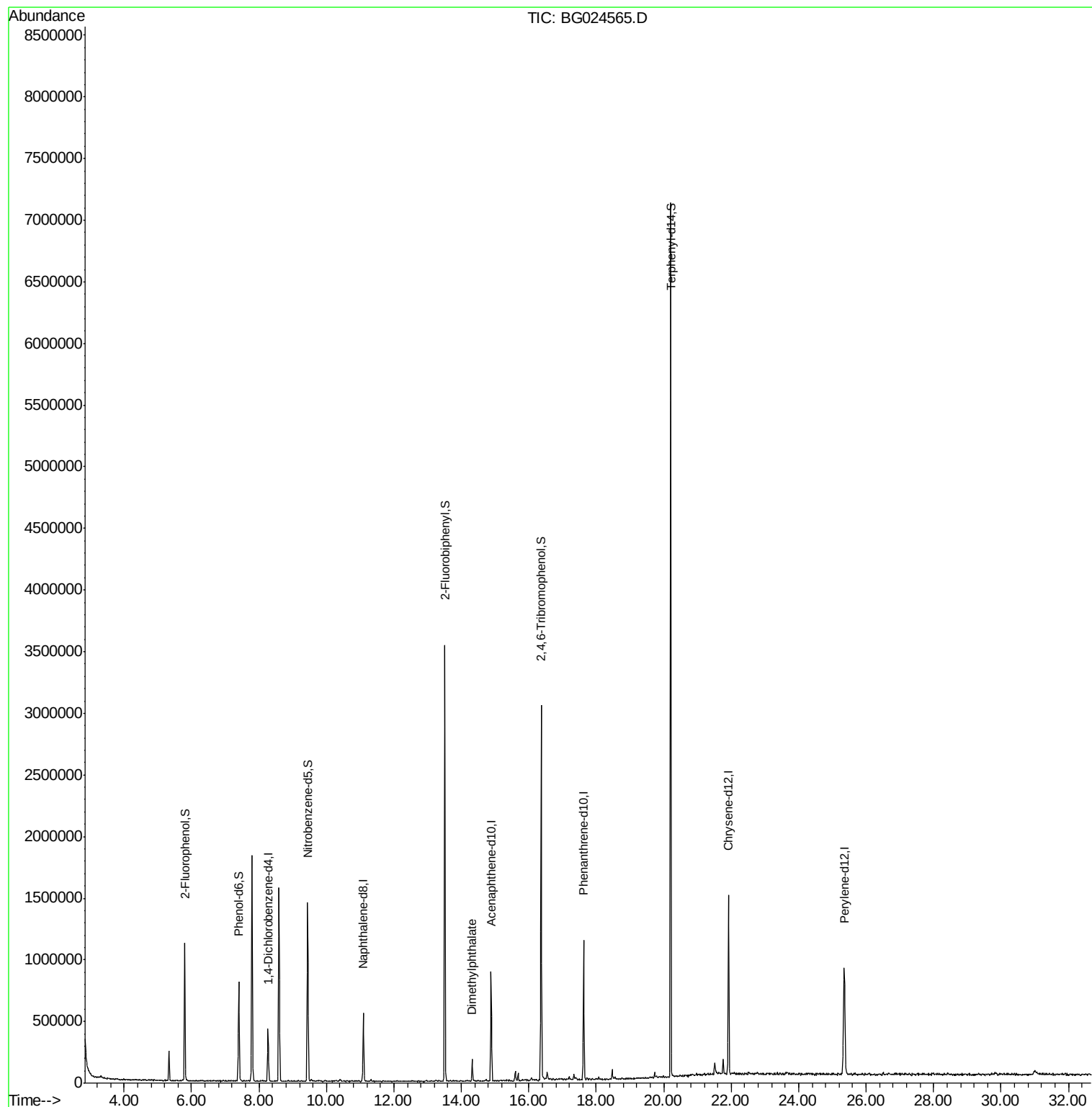
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	107512	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	434140	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	324756	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	703724	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1006040	20.00	ng	0.00
86) Perylene-d12	25.35	264	1093719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	461406	70.34	ng	0.00
7) Phenol-d6	7.40	99	447263	49.71	ng	0.00
23) Nitrobenzene-d5	9.44	82	912989	95.75	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	606665	125.04	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1792451	91.74	ng	0.00
78) Terphenyl-d14	20.21	244	2888966	85.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	112726	4.89	ng	Qvalue # 98

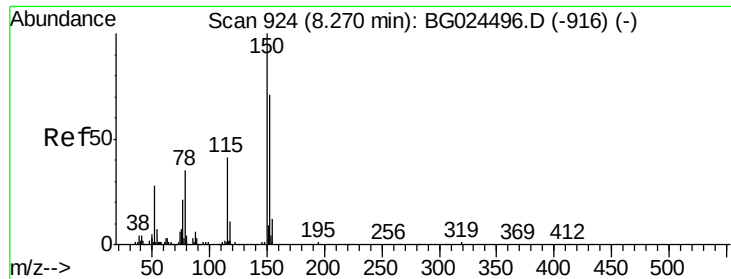
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG024565.D

Acq: 31 Oct 2016 20:44

Instrument :

BNA_G

ClientSampleId :

DUP

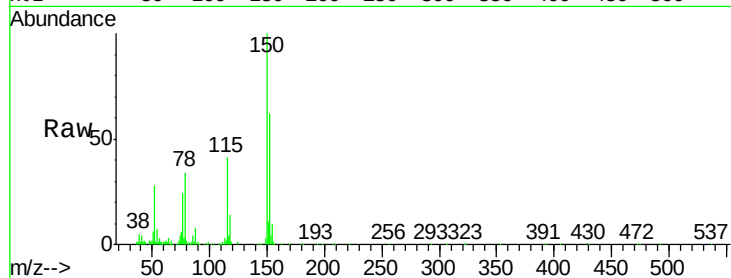
Tgt Ion:152 Resp: 107512

Ion Ratio Lower Upper

152 100

150 161.6 114.0 171.0

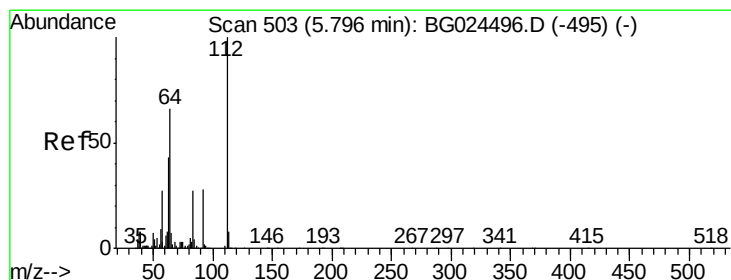
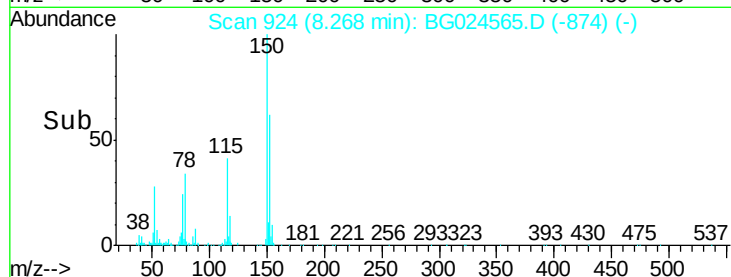
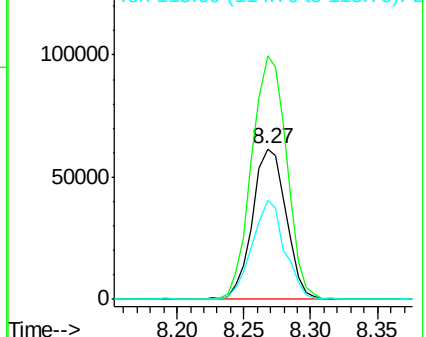
115 65.7 48.1 72.1



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: 70.34 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG024565.D

Acq: 31 Oct 2016 20:44

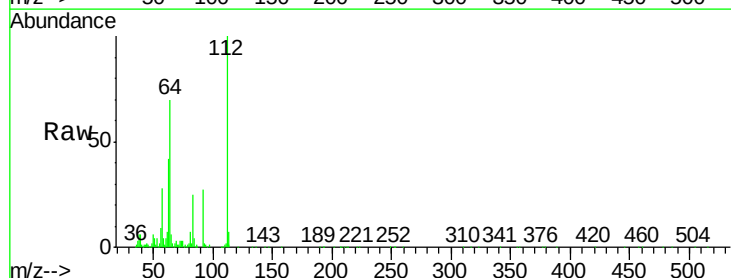
Tgt Ion:112 Resp: 461406

Ion Ratio Lower Upper

112 100

64 69.7 61.8 92.6

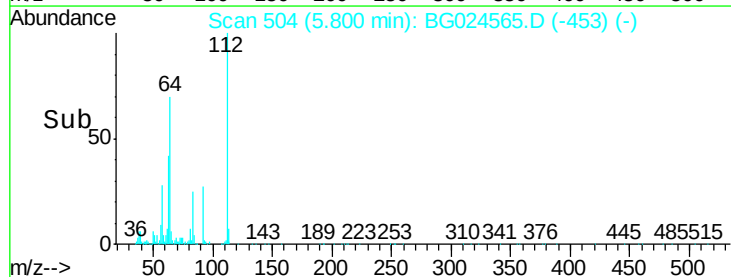
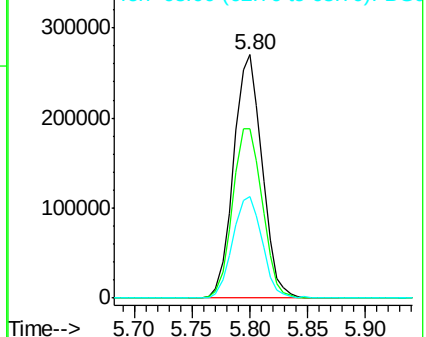
63 41.9 37.2 55.8

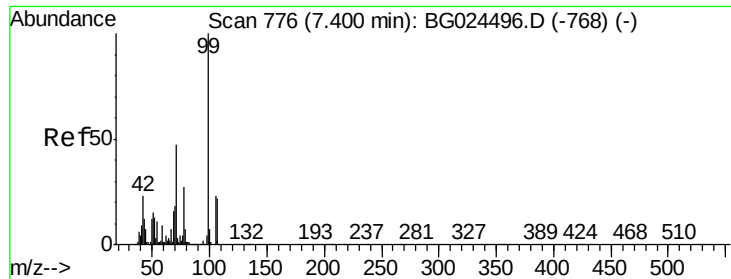


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.71 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024565.D

Acq: 31 Oct 2016 20:44

Instrument :

BNA_G

ClientSampleId :

DUP

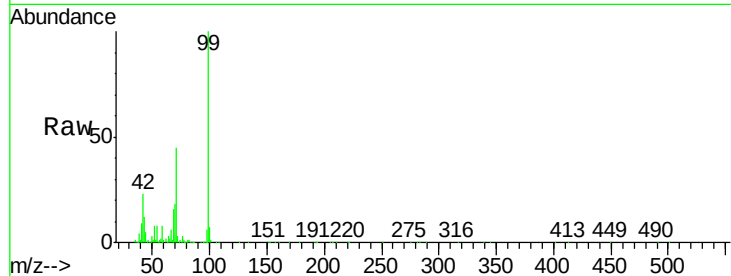
Tgt Ion: 99 Resp: 447263

Ion Ratio Lower Upper

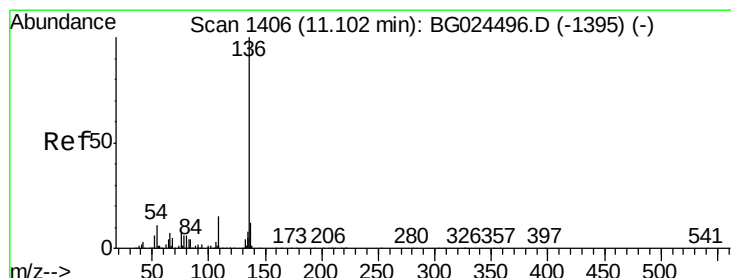
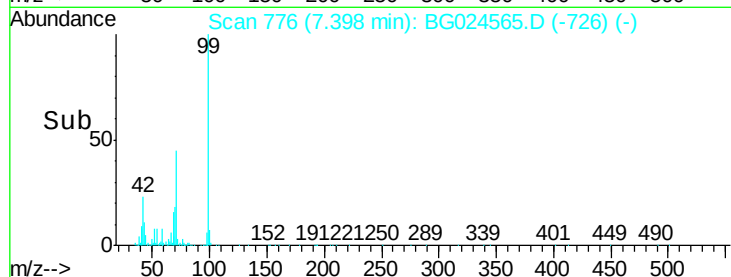
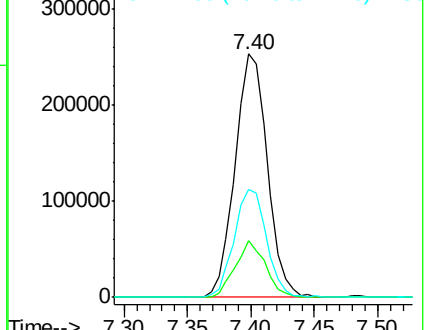
99 100

42 23.4 20.5 30.7

71 44.5 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: BG024565.D

Acq: 31 Oct 2016 20:44

Tgt Ion: 136 Resp: 434140

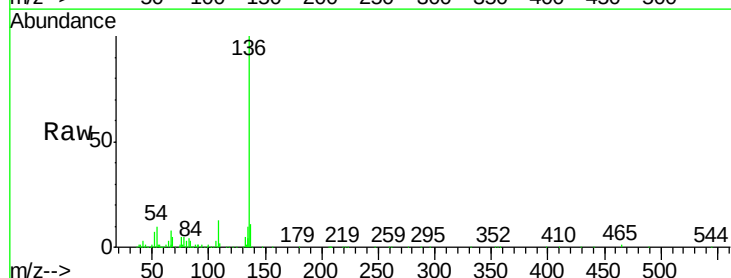
Ion Ratio Lower Upper

136 100

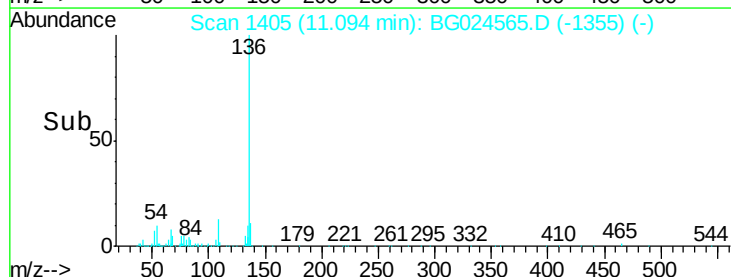
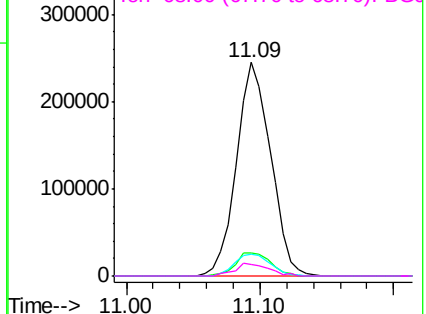
137 10.8 8.9 13.3

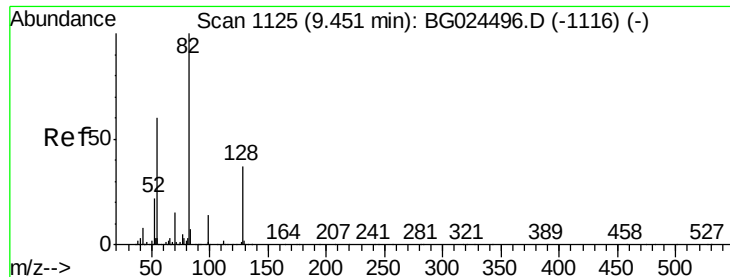
54 10.0 9.3 13.9

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

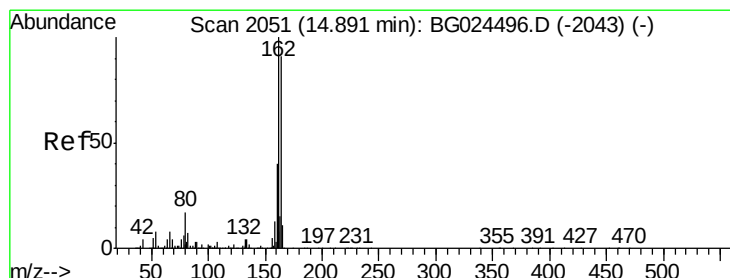
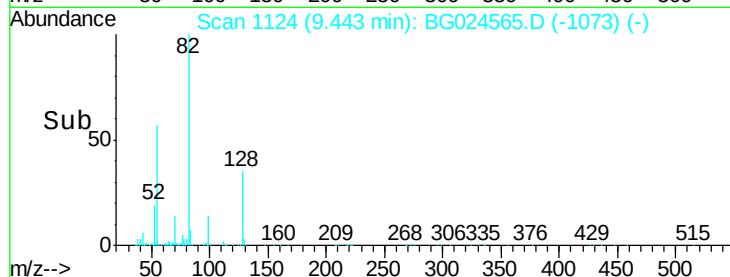
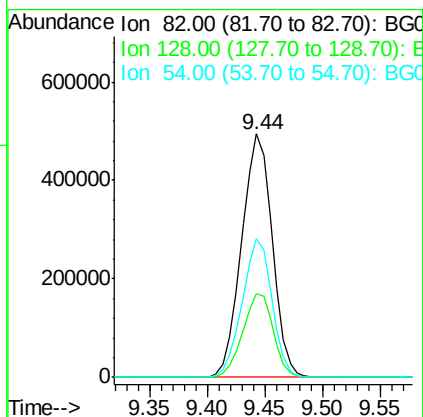
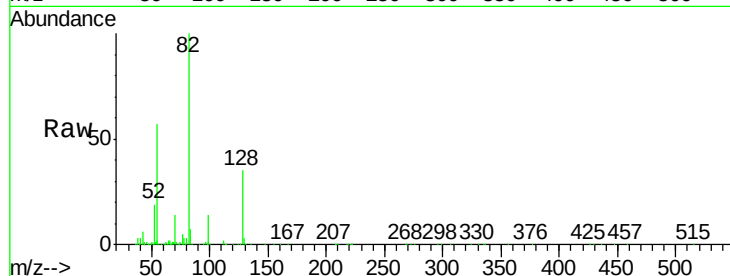




#23
Nitrobenzene-d5
Concen: 95.75 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG024565.D
Acq: 31 Oct 2016 20:44

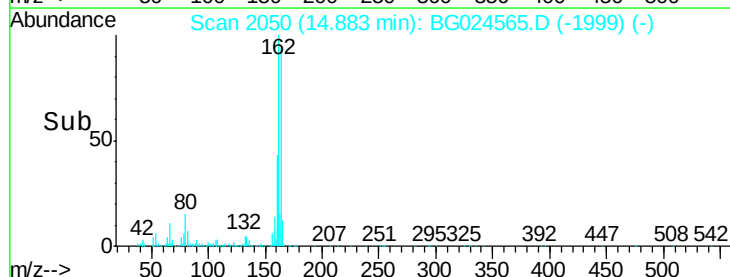
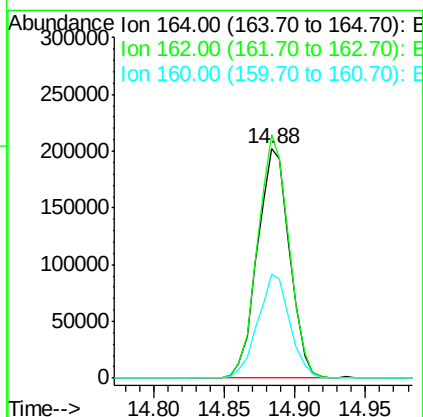
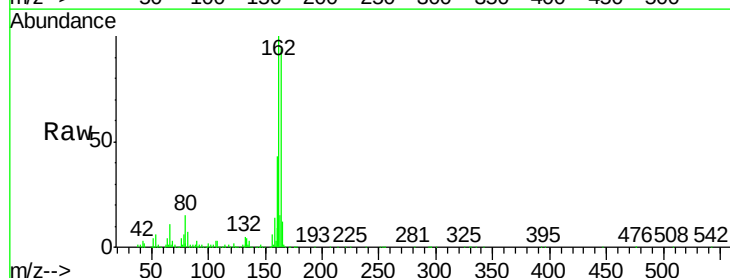
Instrument :
BNA_G
ClientSampleId :
DUP

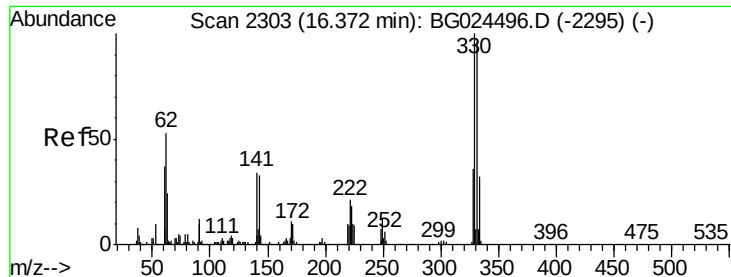
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	26.4	39.6
54	56.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG024565.D
Acq: 31 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.1	127.7
160	45.2	34.7	52.1

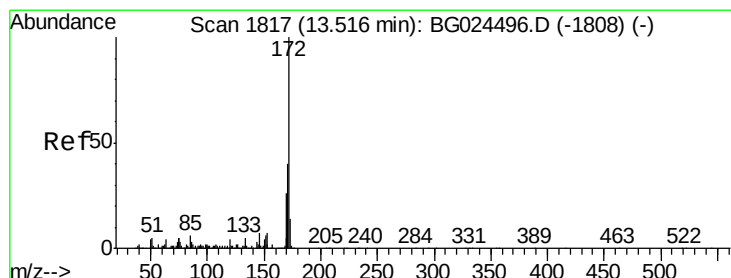
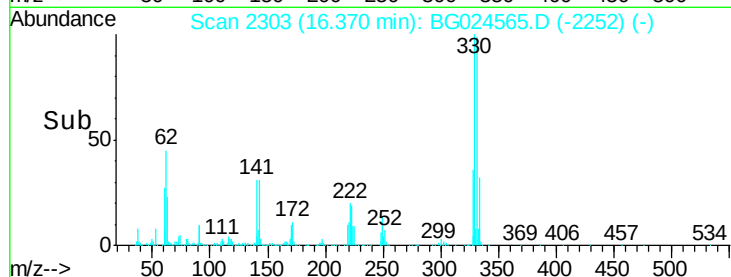
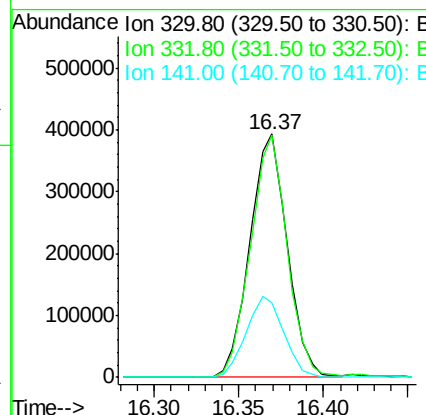
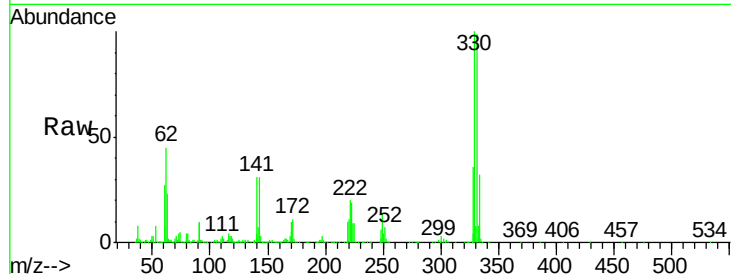




#41
 2,4,6-Tribromophenol
 Concen: 125.04 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024565.D
 Acq: 31 Oct 2016 20:44

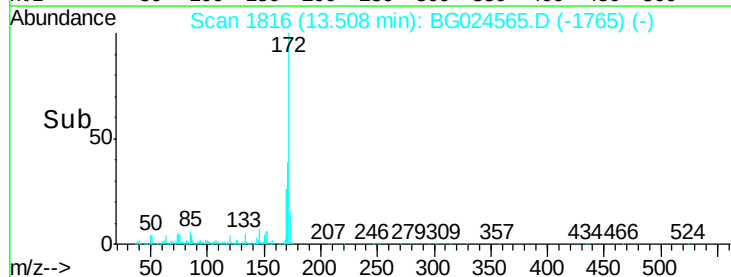
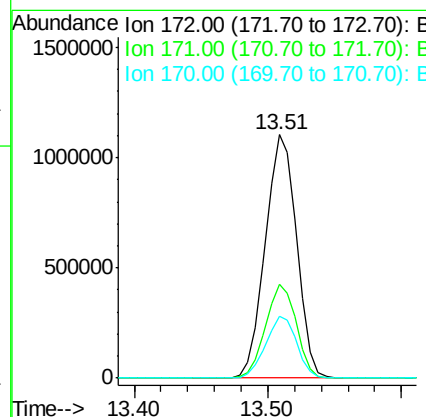
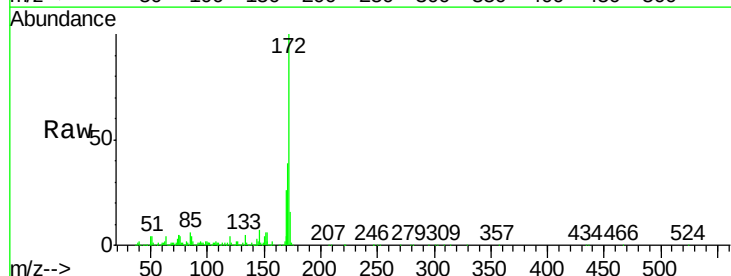
Instrument :
 BNA_G
 ClientSampled :
 DUP

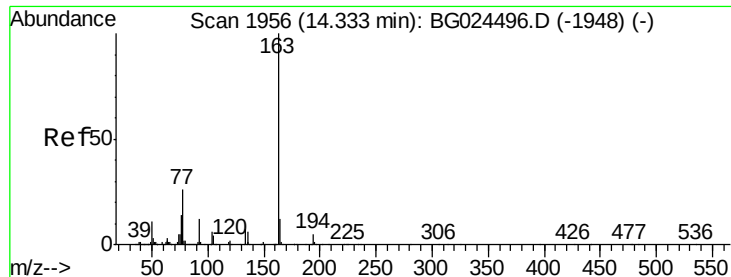
Tgt Ion:330 Resp: 606665
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 33.4 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 91.74 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG024565.D
 Acq: 31 Oct 2016 20:44

Tgt Ion:172 Resp: 1792451
 Ion Ratio Lower Upper
 172 100
 171 38.8 32.2 48.2
 170 25.5 21.8 32.6





#49

Dimethylphthalate

Concen: 4.89 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024565.D

Acq: 31 Oct 2016 20:44

Instrument :

BNA_G

ClientSampleId :

DUP

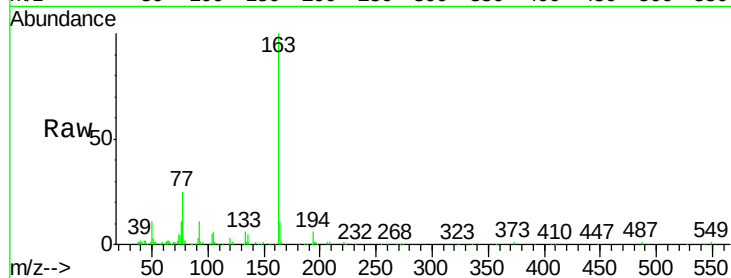
Tgt Ion:163 Resp: 112726

Ion Ratio Lower Upper

163 100

194 6.4 3.8 5.6#

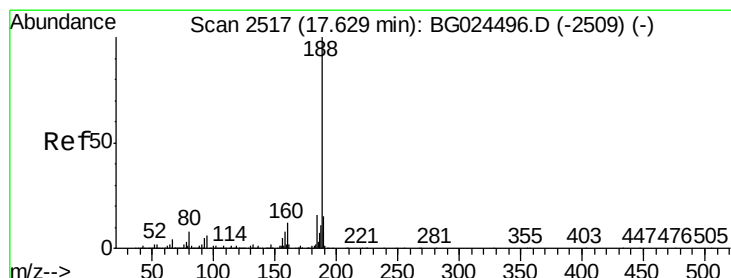
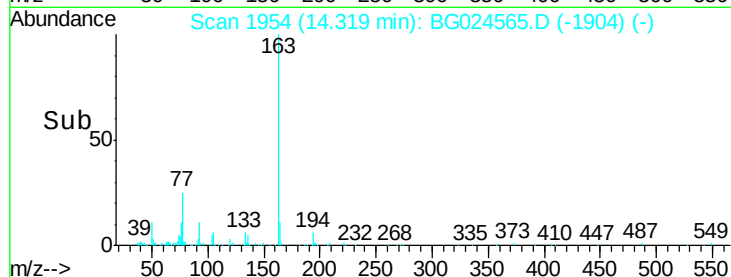
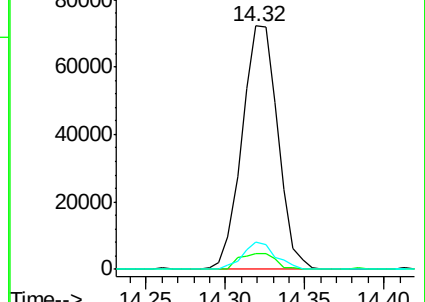
164 11.2 9.3 13.9



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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024565.D

Acq: 31 Oct 2016 20:44

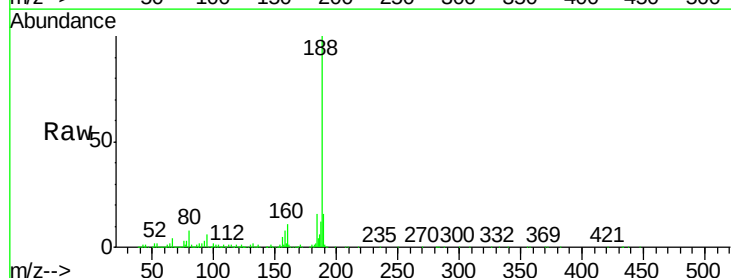
Tgt Ion:188 Resp: 703724

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

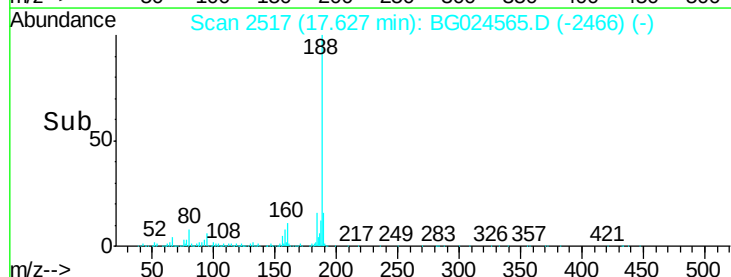
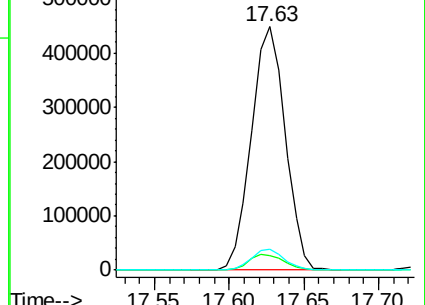
80 8.4 7.5 11.3

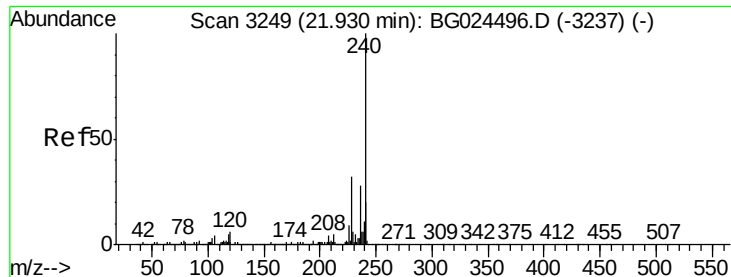


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

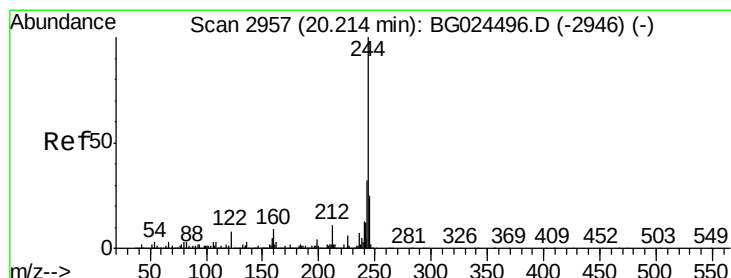
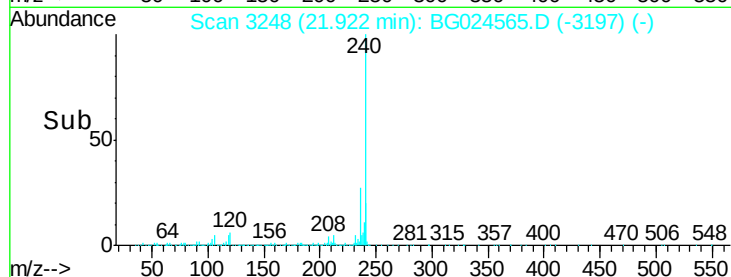
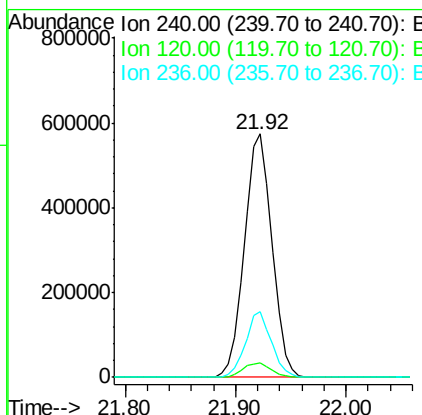
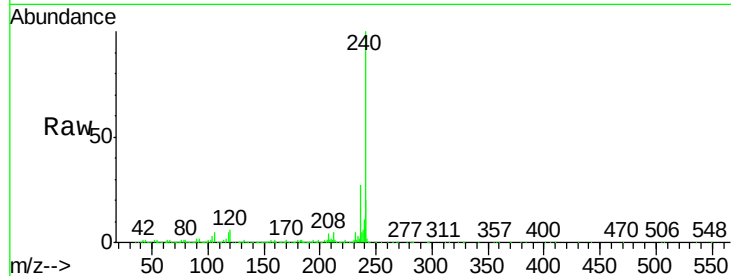




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.00 min
Lab File: BG024565.D
Acq: 31 Oct 2016 20:44

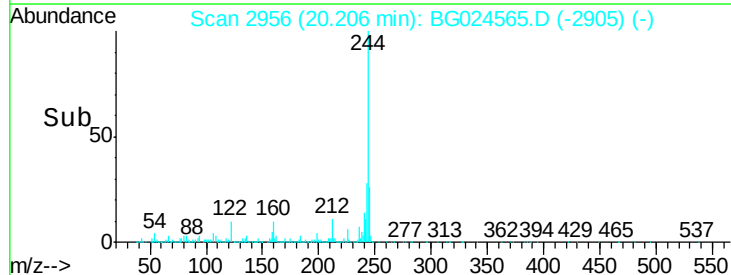
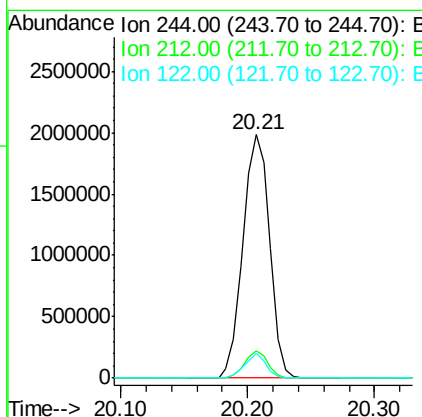
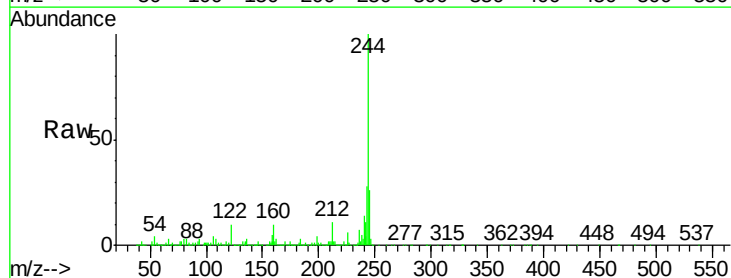
Instrument :
BNA_G
ClientSampleId :
DUP

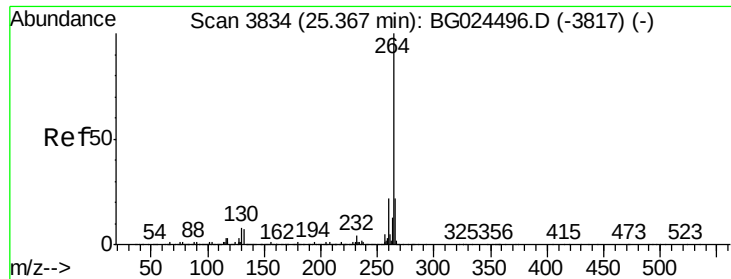
Tgt Ion:240 Resp: 1006040
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 27.0 22.2 33.4



#78
Terphenyl-d14
Concen: 85.81 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BG024565.D
Acq: 31 Oct 2016 20:44

Tgt Ion:244 Resp: 2888966
Ion Ratio Lower Upper
244 100
212 11.1 10.0 15.0
122 10.1 8.6 12.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3832
 Delta R.T. -0.01 min
 Lab File: BG024565.D
 Acq: 31 Oct 2016 20:44

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Tgt Ion: 264 Resp: 1093719
 Ion Ratio Lower Upper
 264 100
 260 23.9 21.8 32.8
 265 23.7 18.2 27.4

