

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024614.D
 Acq On : 2 Nov 2016 5:43
 Operator : UM/SJ
 Sample : H5489-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-72-9.5-10.0

Quant Time: Nov 02 07:50:57 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

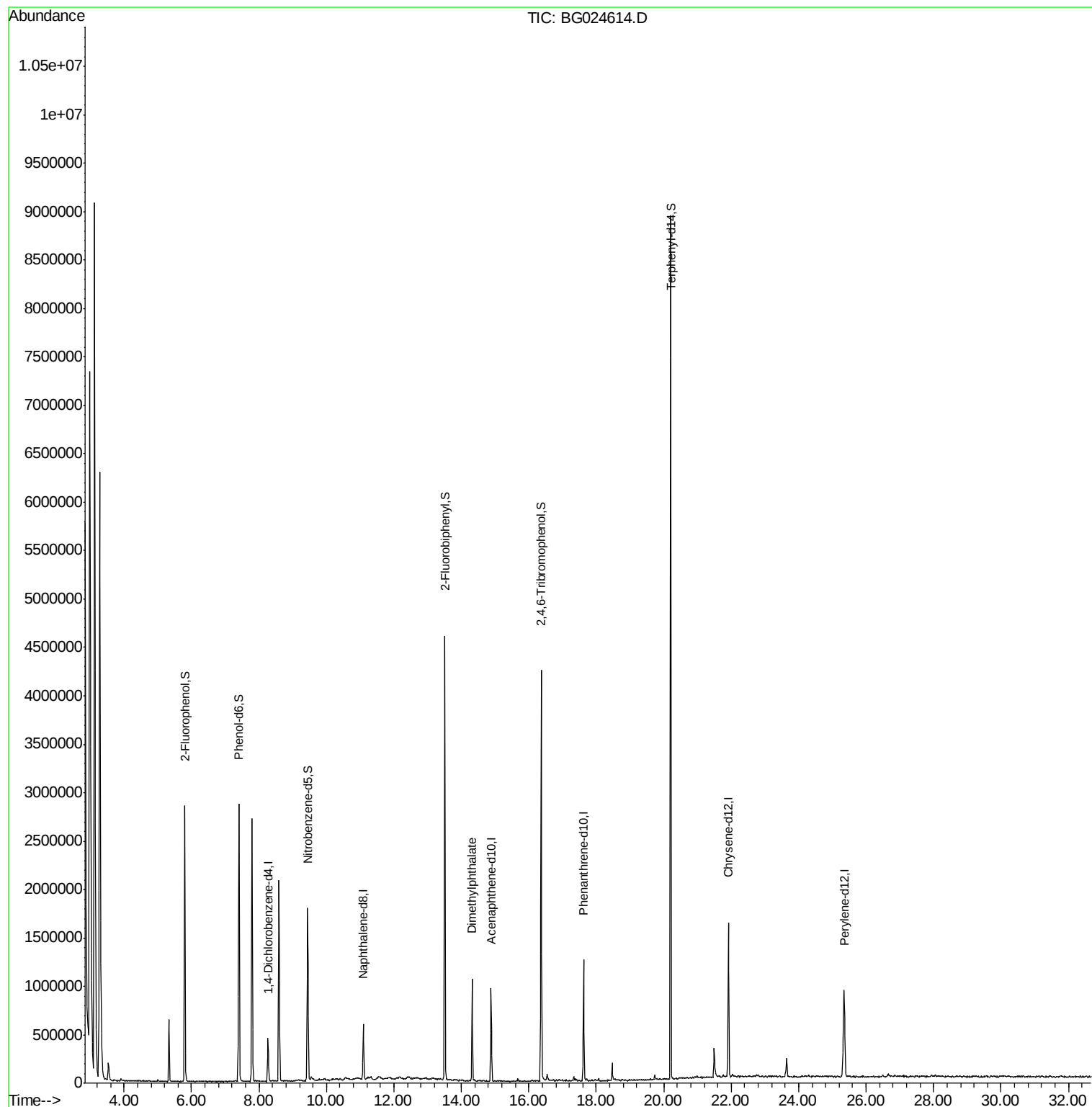
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	117817	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	472016	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	359162	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	785185	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1097283	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1124908	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1122918	156.21	ng	0.00
7) Phenol-d6	7.40	99	1593240	161.58	ng	0.00
23) Nitrobenzene-d5	9.44	82	1096810	105.80	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	871247	162.37	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2256967	104.45	ng	0.00
78) Terphenyl-d14	20.21	244	3524438	95.98	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	636306	24.96	ng	97

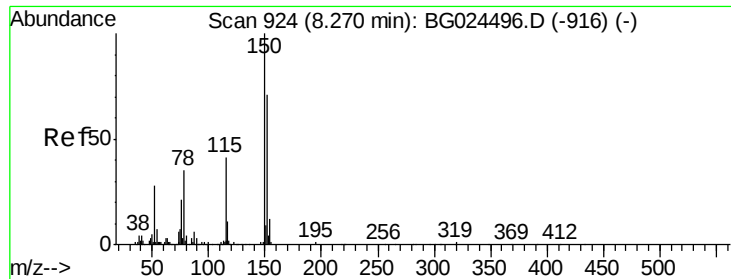
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024614.D

Acq: 2 Nov 2016 5:43

Instrument :

BNA_G

ClientSampleId :

SB-72-9.5-10.0

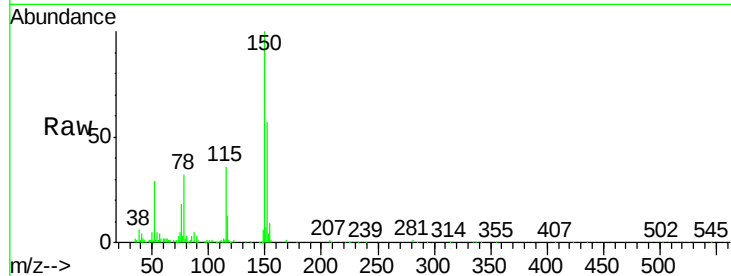
Tot Ion:152 Resp: 117817

Ion Ratio Lower Upper

152 100

150 175.1 114.0 171.0#

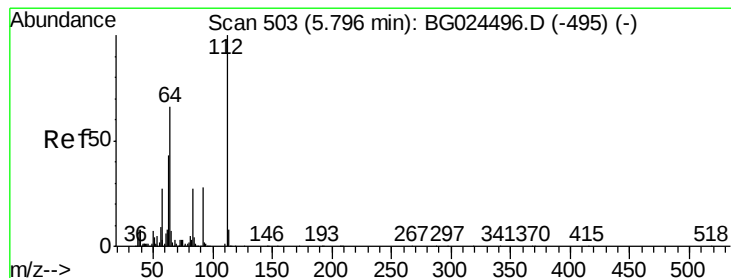
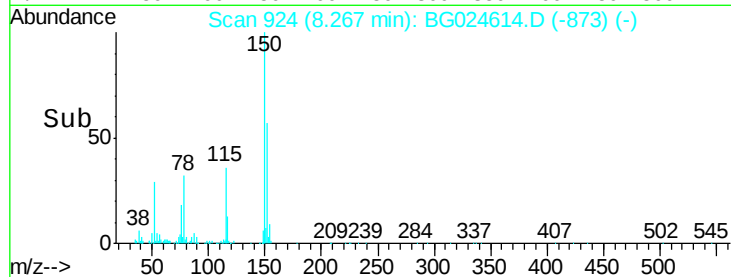
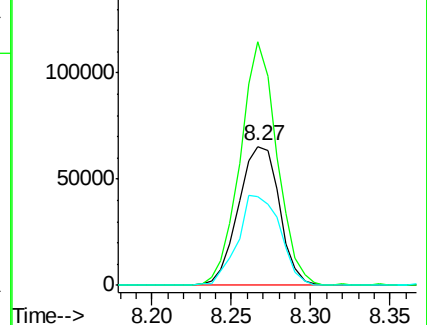
115 63.5 48.1 72.1



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: 156.21 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

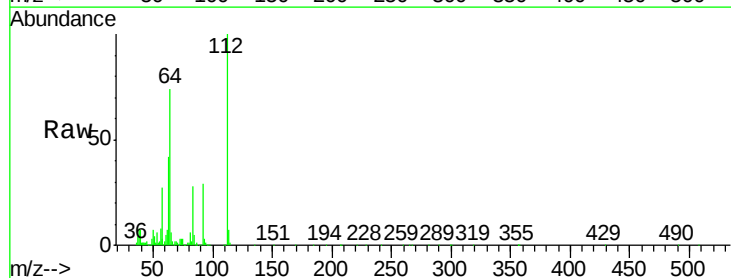
Tgt Ion:112 Resp: 1122918

Ion Ratio Lower Upper

112 100

64 74.1 61.8 92.6

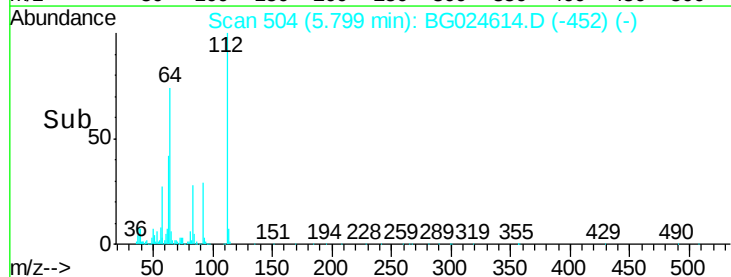
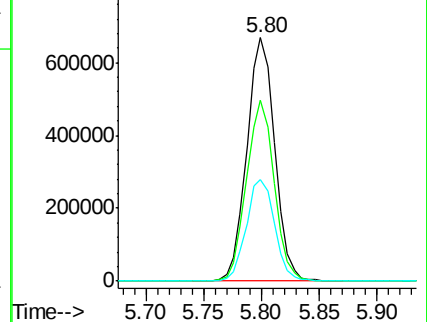
63 41.8 37.2 55.8

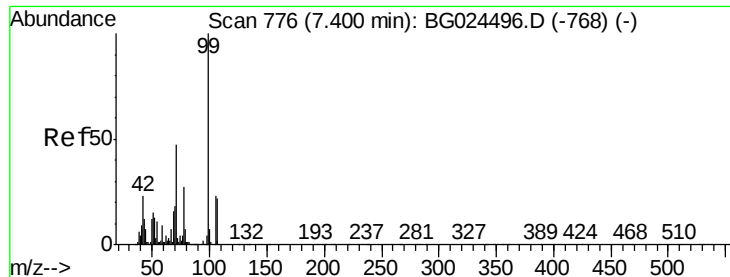


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 161.58 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

Instrument :

BNA_G

ClientSampleId :

SB-72-9.5-10.0

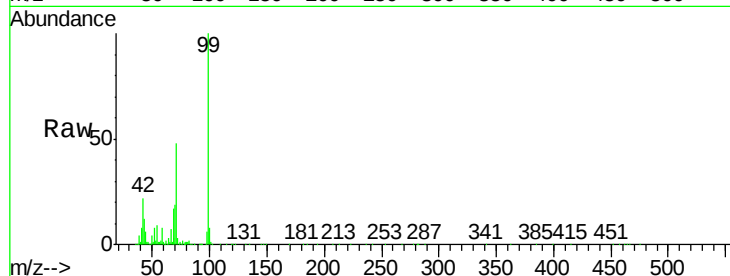
Tot Ion: 99 Resp: 1593240

Ion Ratio Lower Upper

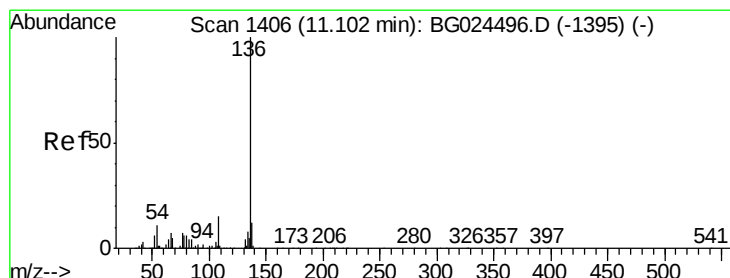
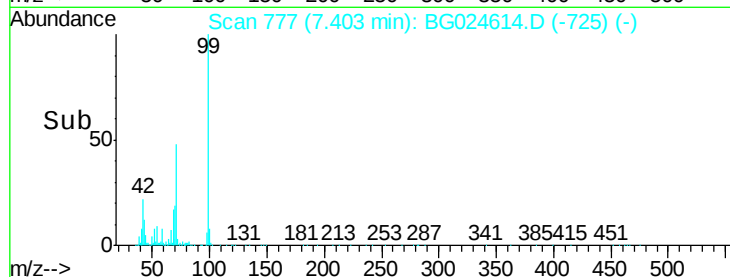
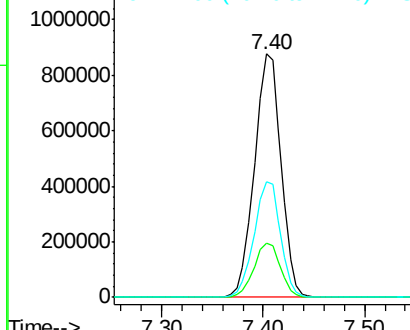
99 100

42 22.3 20.5 30.7

71 47.6 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# 1406

Delta R.T. -0.00 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

Tgt Ion: 136 Resp: 472016

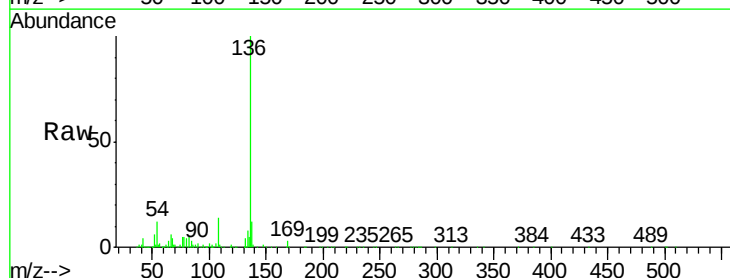
Ion Ratio Lower Upper

136 100

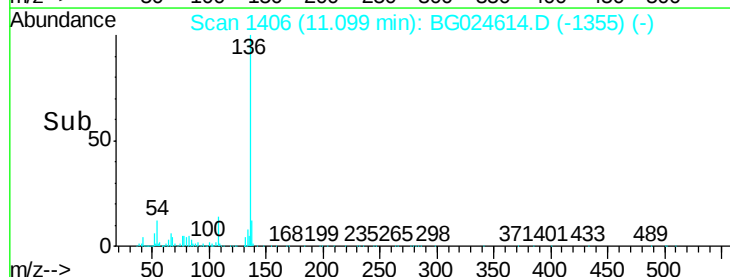
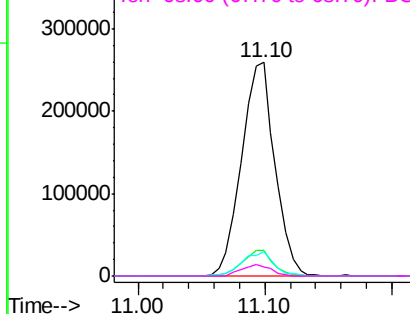
137 12.2 8.9 13.3

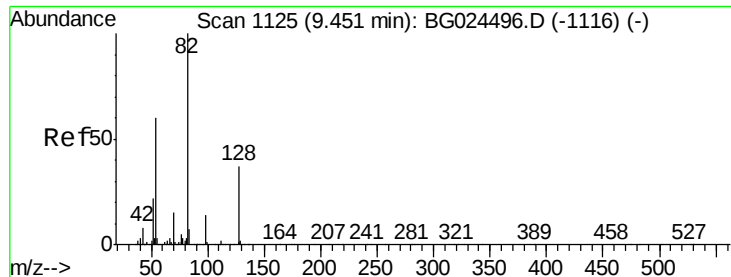
54 11.6 9.3 13.9

68 4.3 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



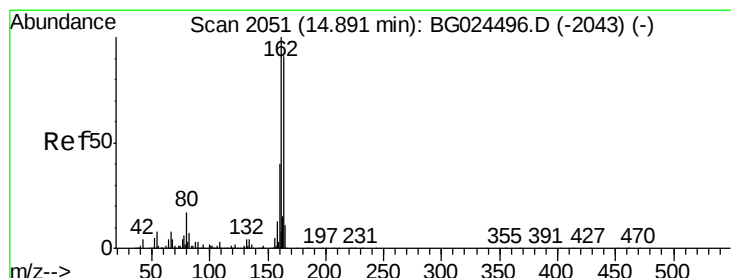
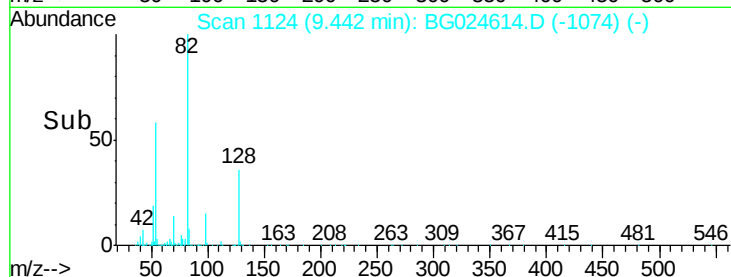
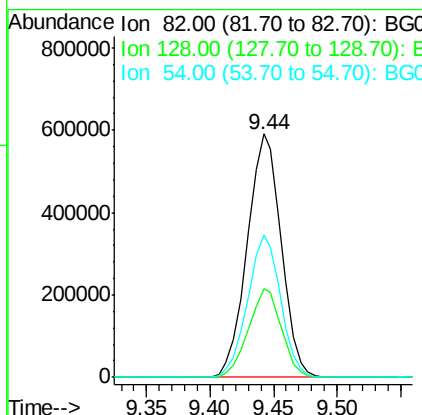
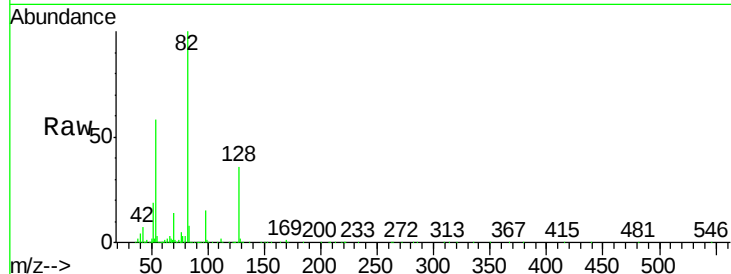


#23
 Nitrobenzene-d5
 Concen: 105.80 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024614.D
 Acq: 2 Nov 2016 5:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-72-9.5-10.0

Tot Ion: 82 Resp: 1096810

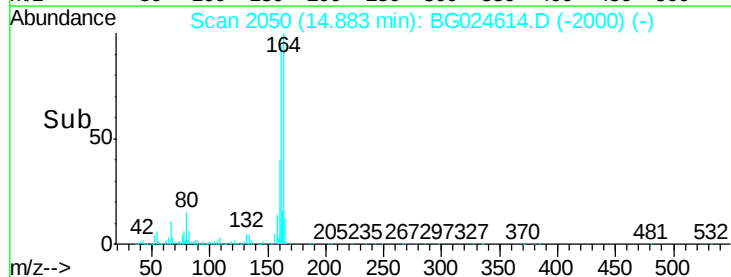
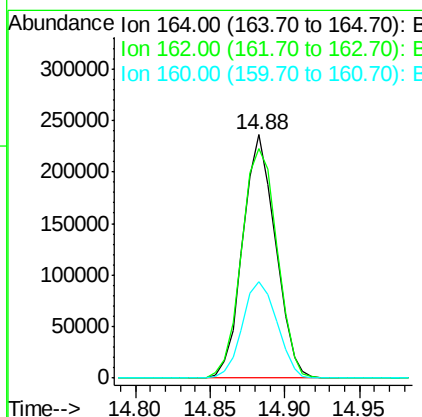
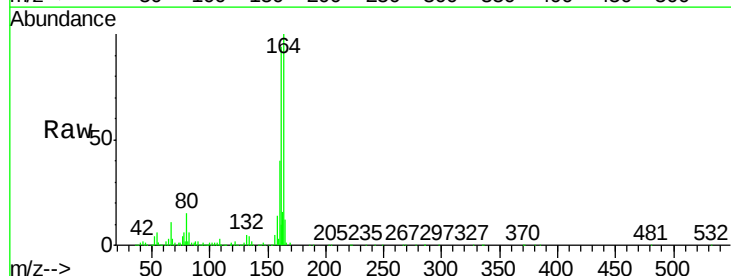
Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.4	39.6
54	58.5	49.4	74.2

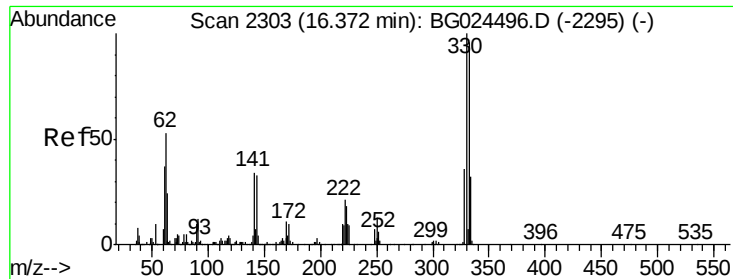


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024614.D
 Acq: 2 Nov 2016 5:43

Tgt Ion: 164 Resp: 359162

Ion	Ratio	Lower	Upper
164	100		
162	94.2	85.1	127.7
160	39.8	34.7	52.1

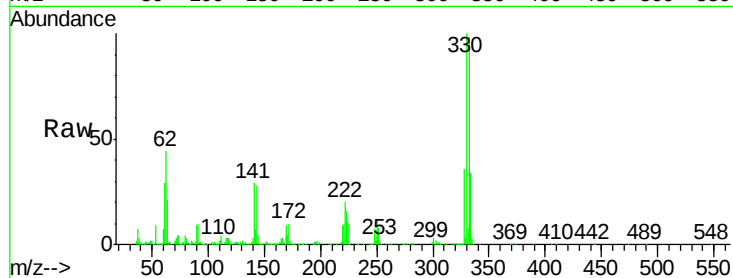




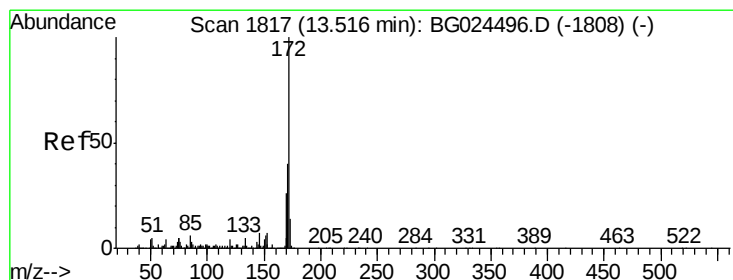
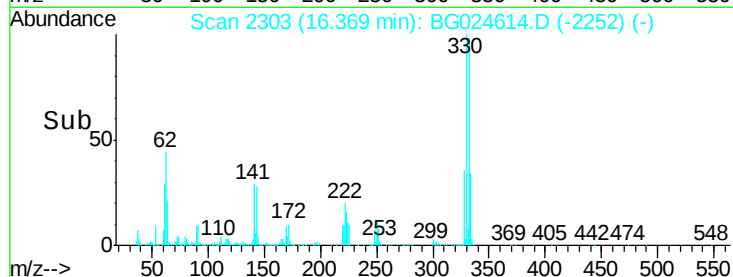
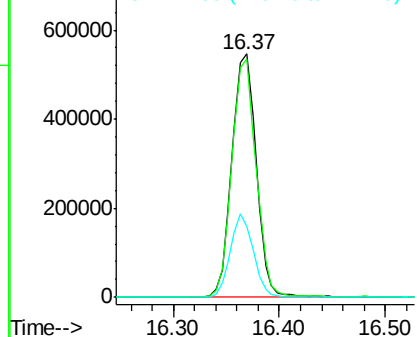
#41
 2,4,6-Tribromophenol
 Concen: 162.37 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024614.D
 Acq: 2 Nov 2016 5:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-72-9.5-10.0

Tot Ion:330 Resp: 871247
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 32.4 32.1 48.1

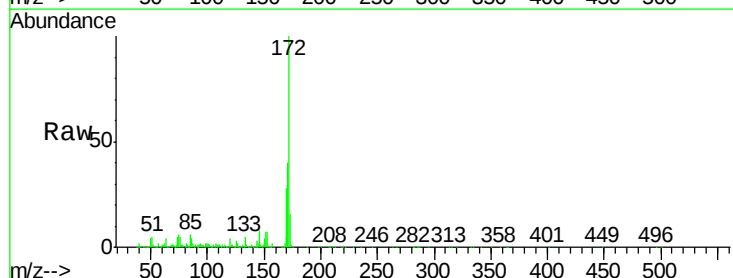


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

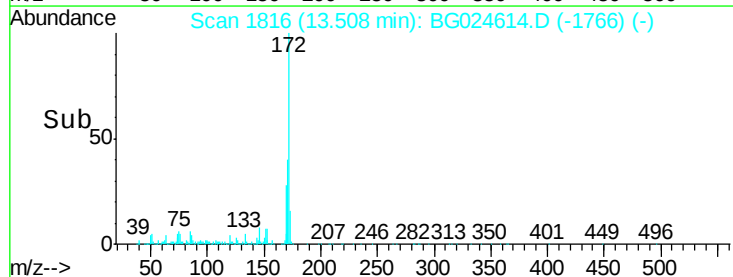
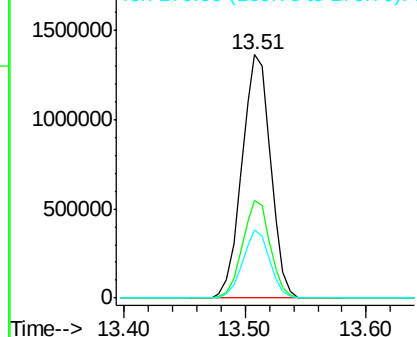


#44
 2-Fluorobiphenyl
 Concen: 104.45 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024614.D
 Acq: 2 Nov 2016 5:43

Tgt Ion:172 Resp: 2256967
 Ion Ratio Lower Upper
 172 100
 171 40.2 32.2 48.2
 170 27.9 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: 24.96 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

Instrument :

BNA_G

ClientSampleId :

SB-72-9.5-10.0

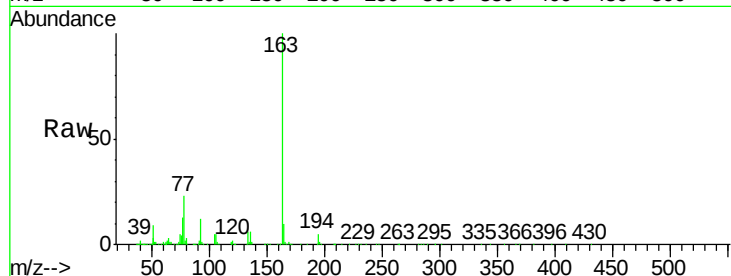
Tot Ion:163 Resp: 636306

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.6

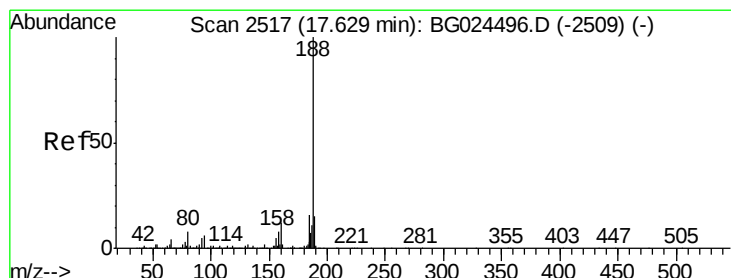
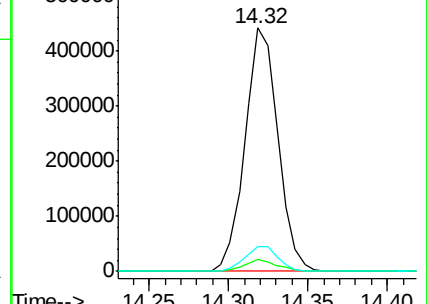
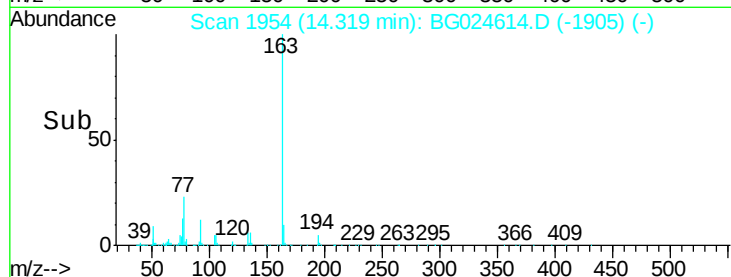
164 10.1 9.3 13.9



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: BG024614.D

Acq: 2 Nov 2016 5:43

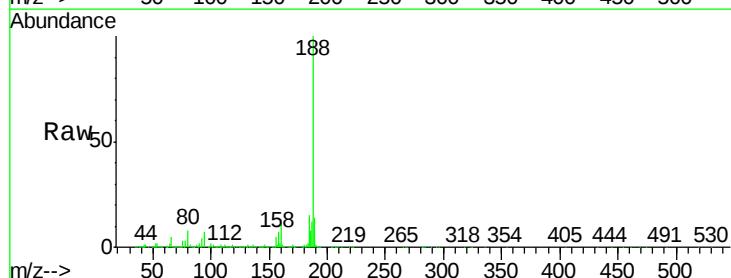
Tgt Ion:188 Resp: 785185

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

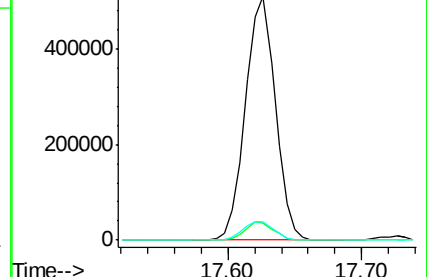
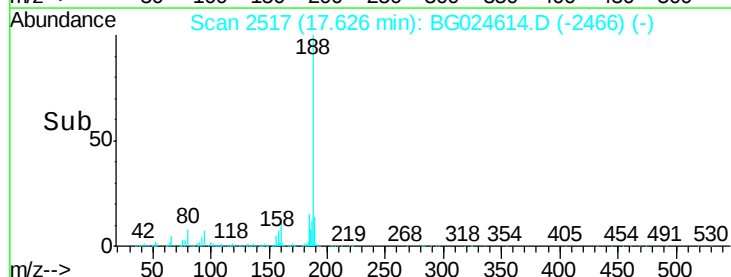
80 7.5 7.5 11.3#

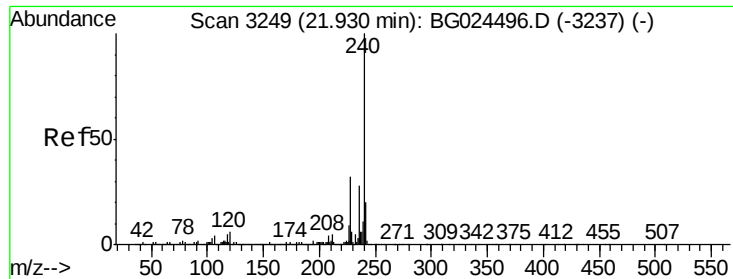


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG024614.D

Acq: 2 Nov 2016 5:43

Instrument :

BNA_G

ClientSampleId :

SB-72-9.5-10.0

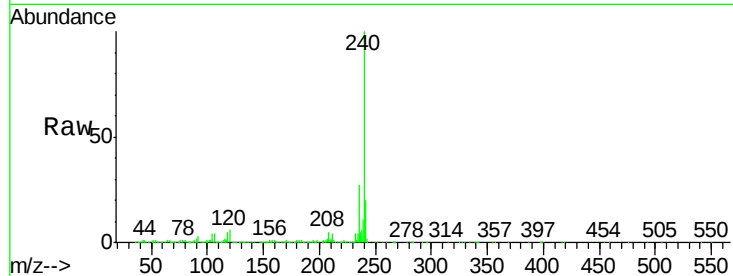
Tot Ion:240 Resp: 1097283

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

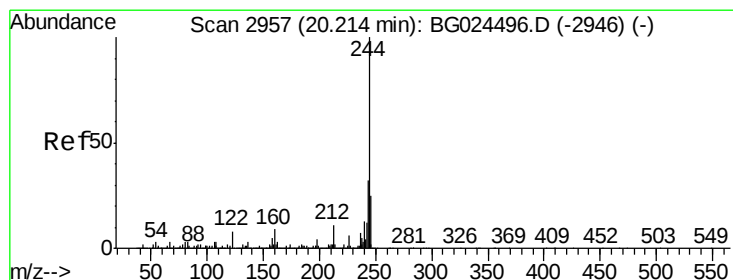
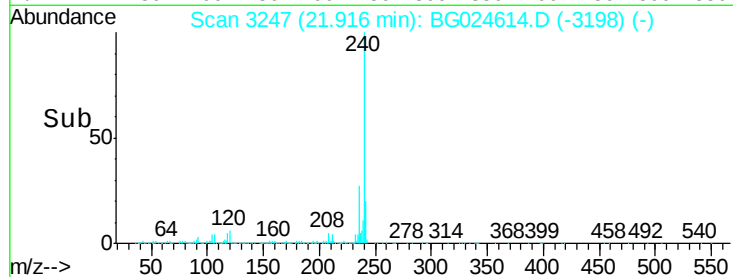
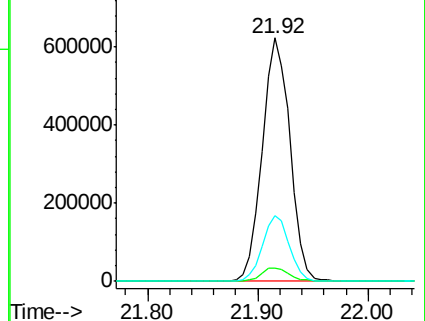
236 26.7 22.2 33.4



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: 95.98 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

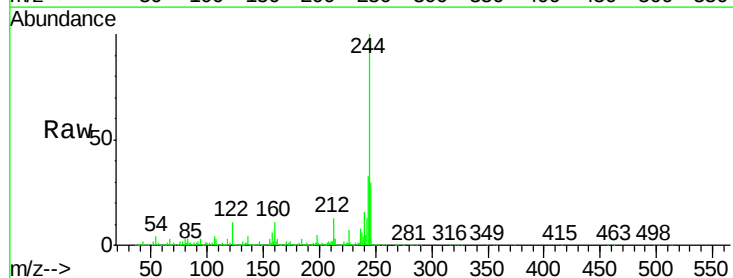
Tgt Ion:244 Resp: 3524438

Ion Ratio Lower Upper

244 100

212 12.6 10.0 15.0

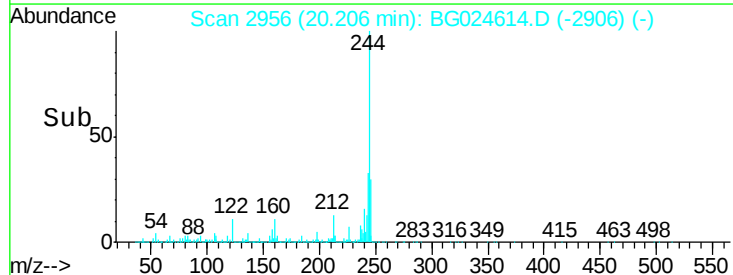
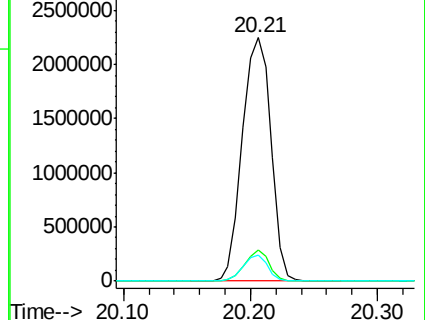
122 10.9 8.6 12.8

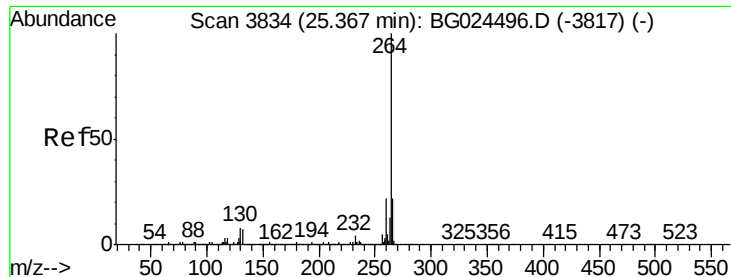


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024614.D
Acq: 2 Nov 2016 5:43

Instrument :
BNA_G
ClientSampleId :
SB-72-9.5-10.0

Tot Ion:264 Resp: 1124908

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.8	32.8
265	21.1	18.2	27.4

