

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024677.D
 Acq On : 4 Nov 2016 11:27
 Operator : UM/SJ
 Sample : H5509-14
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-97-9.5-10.0

Quant Time: Nov 04 12:51:43 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

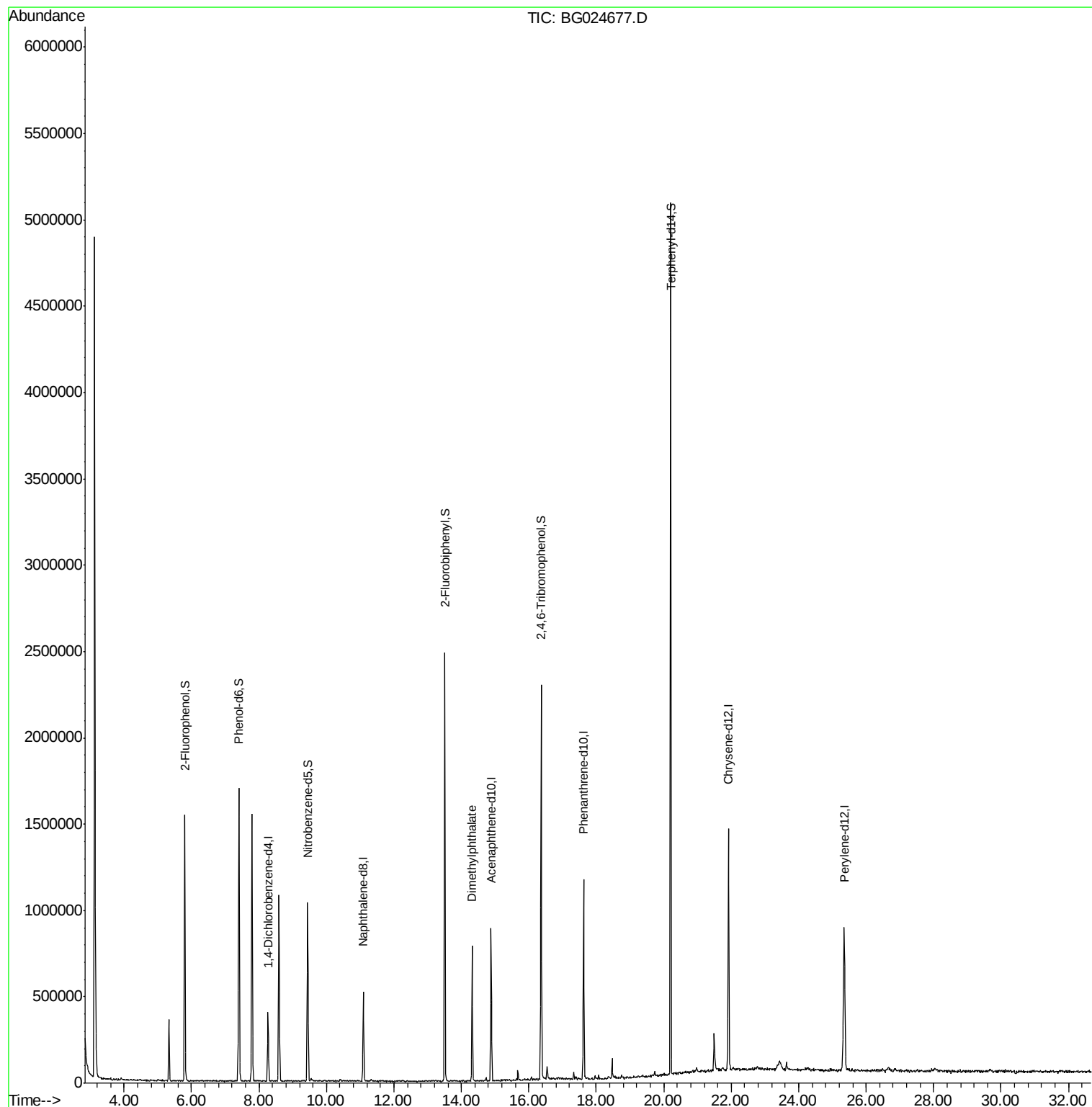
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	106008	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	413330	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	320675	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	742858	20.00	ng	0.00
75) Chrysene-d12	21.92	240	961835	20.00	ng	0.00
86) Perylene-d12	25.35	264	1021989	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	612062	94.63	ng	0.00
7) Phenol-d6	7.40	99	916559	103.31	ng	0.00
23) Nitrobenzene-d5	9.44	82	614960	67.74	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	461758	96.39	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1267243	65.68	ng	0.00
78) Terphenyl-d14	20.20	244	2145737	66.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	483580	21.24	ng	Qvalue 99

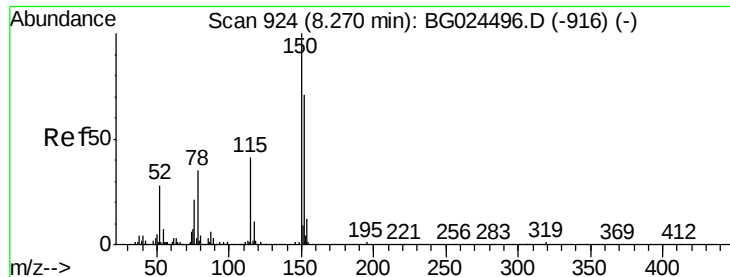
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024677.D

Acq: 4 Nov 2016 11:27

Instrument :

BNA_G

ClientSampleId :

SB-97-9.5-10.0

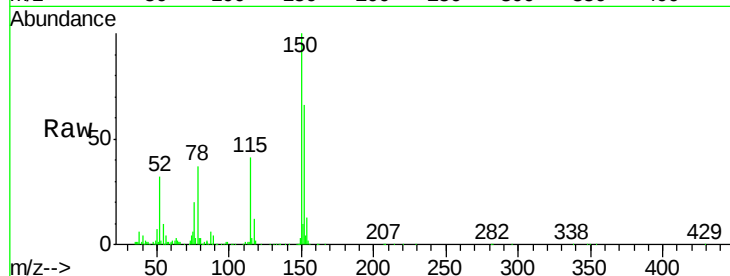
Tgt Ion:152 Resp: 106008

Ion Ratio Lower Upper

152 100

150 150.4 114.0 171.0

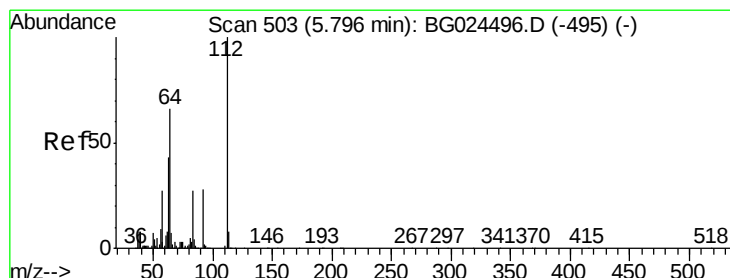
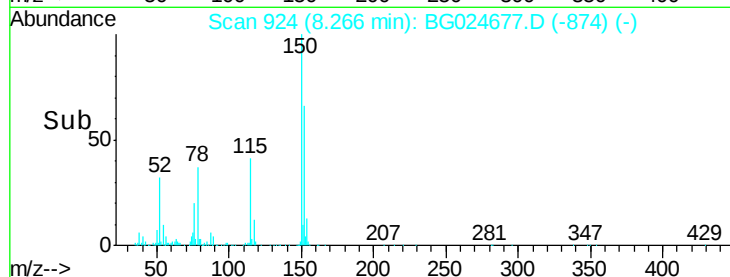
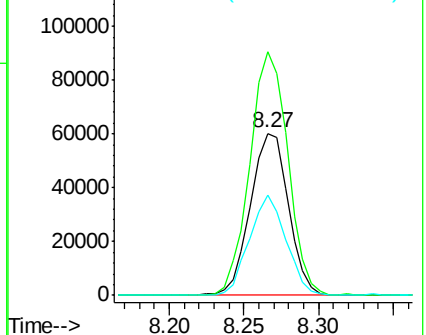
115 62.1 48.1 72.1



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: 94.63 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024677.D

Acq: 4 Nov 2016 11:27

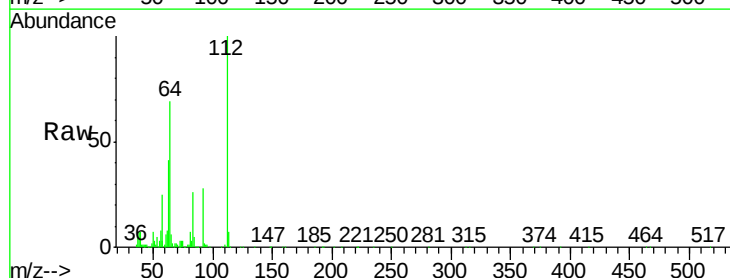
Tgt Ion:112 Resp: 612062

Ion Ratio Lower Upper

112 100

64 69.4 61.8 92.6

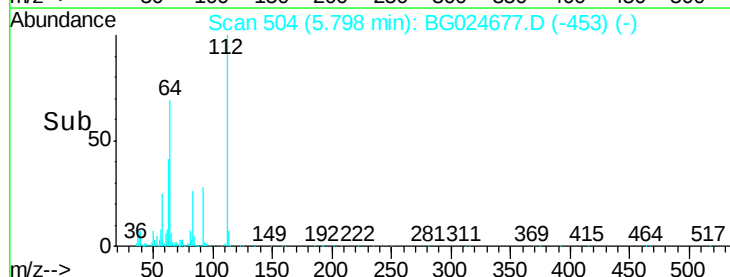
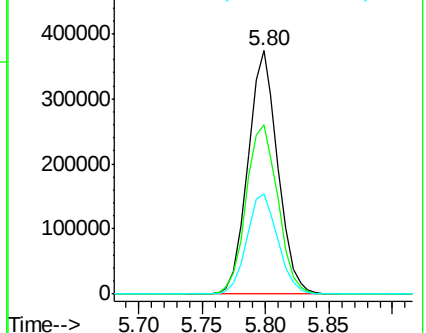
63 41.1 37.2 55.8

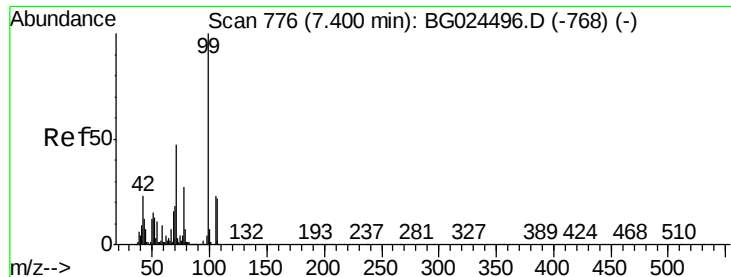


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.31 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024677.D

Acq: 4 Nov 2016 11:27

Instrument :

BNA_G

ClientSampleId :

SB-97-9.5-10.0

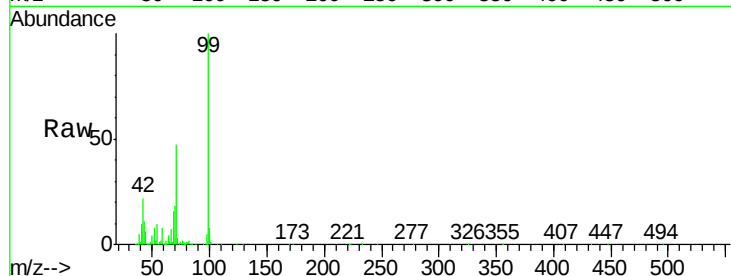
Tgt Ion: 99 Resp: 916559

Ion Ratio Lower Upper

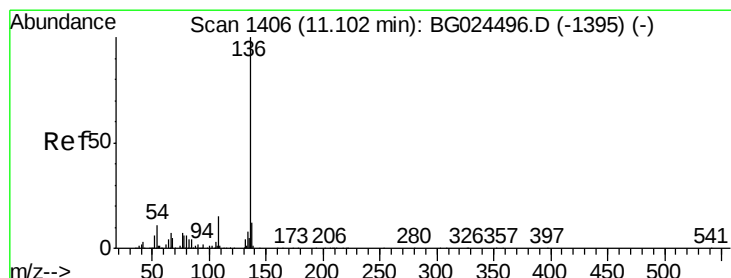
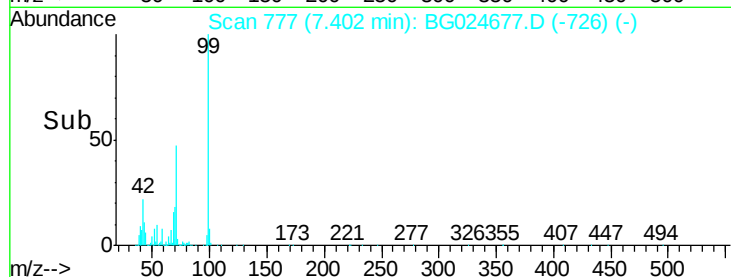
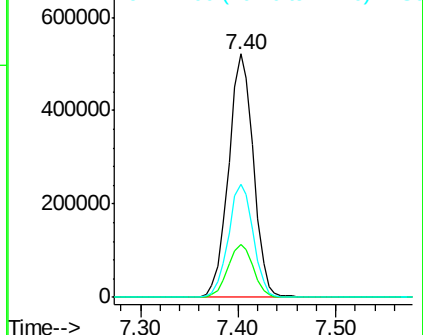
99 100

42 21.8 20.5 30.7

71 46.7 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: BG024677.D

Acq: 4 Nov 2016 11:27

Tgt Ion: 136 Resp: 413330

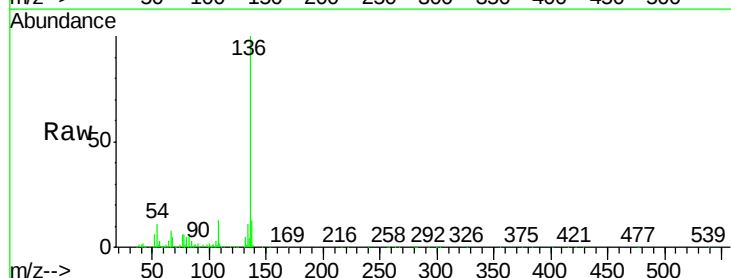
Ion Ratio Lower Upper

136 100

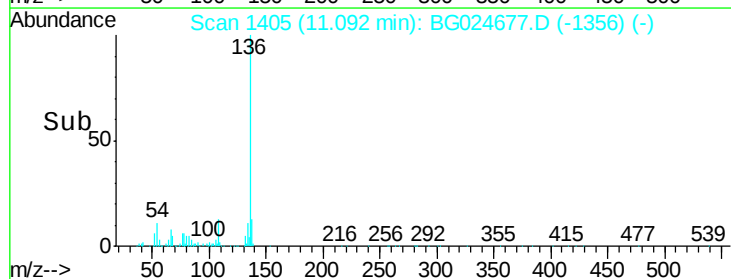
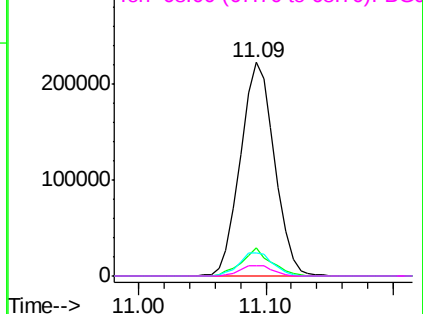
137 12.9 8.9 13.3

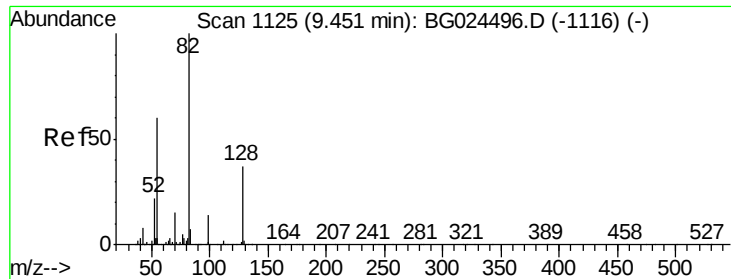
54 10.6 9.3 13.9

68 4.8 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

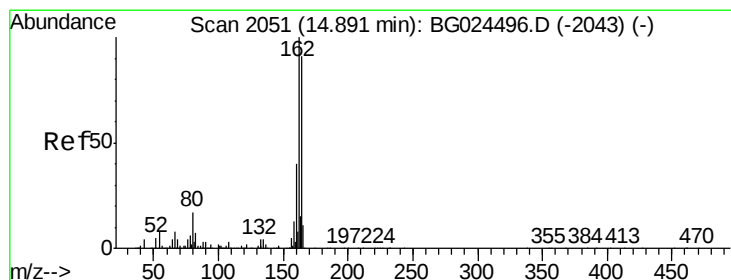
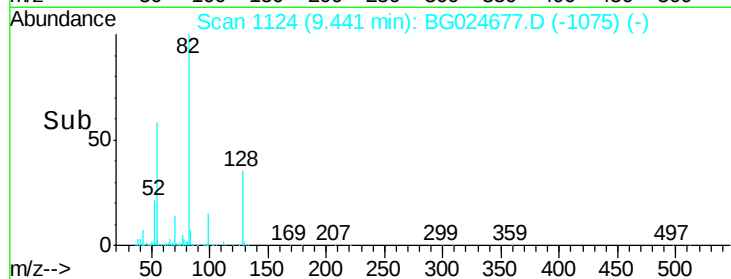
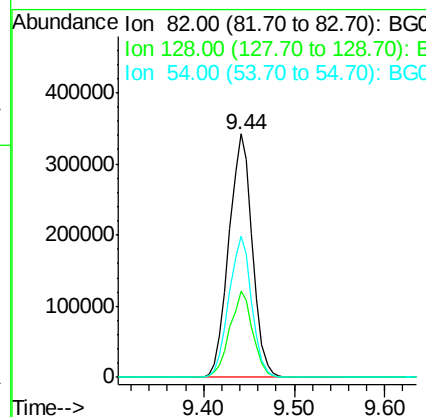
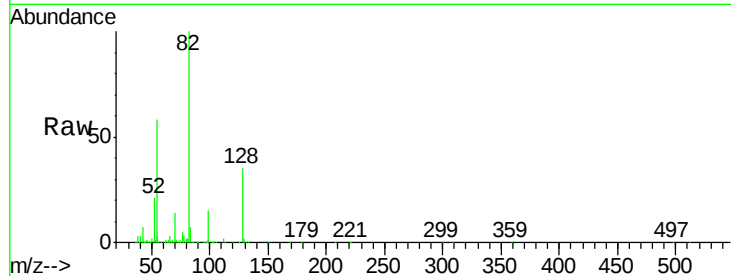




#23
 Nitrobenzene-d5
 Concen: 67.74 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024677.D
 Acq: 4 Nov 2016 11:27

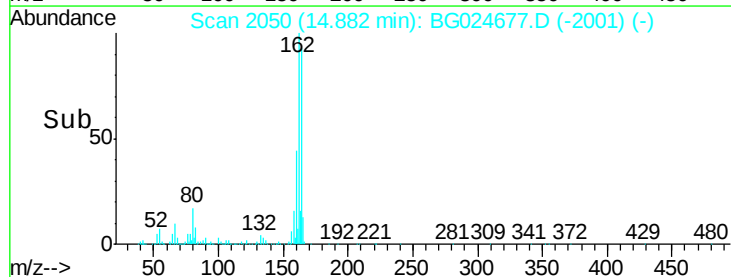
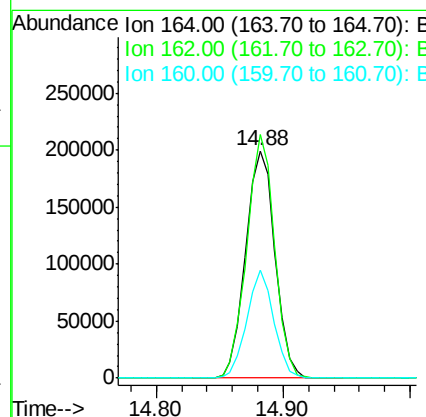
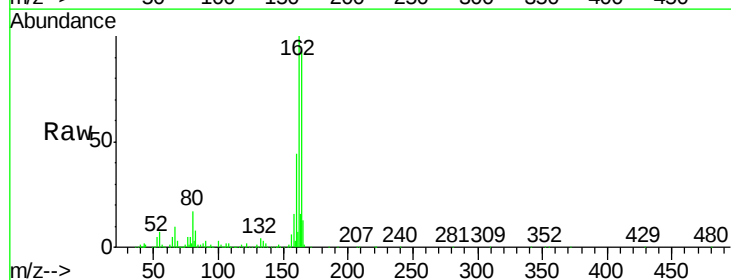
Instrument :
 BNA_G
 ClientSampleId :
 SB-97-9.5-10.0

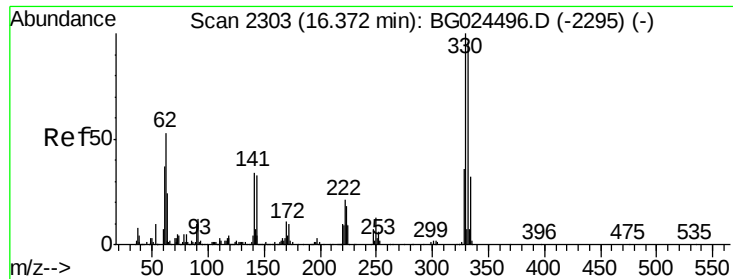
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.4	39.6
54	58.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024677.D
 Acq: 4 Nov 2016 11:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.1	127.7
160	47.6	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 96.39 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024677.D

Acq: 4 Nov 2016 11:27

Instrument :

BNA_G

ClientSampleId :

SB-97-9.5-10.0

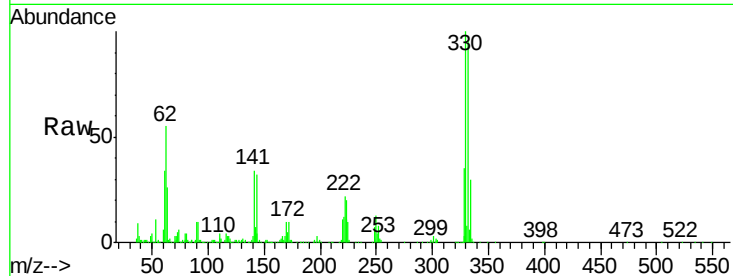
Tgt Ion:330 Resp: 461758

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

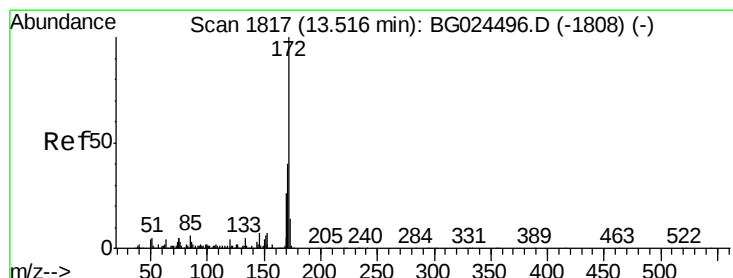
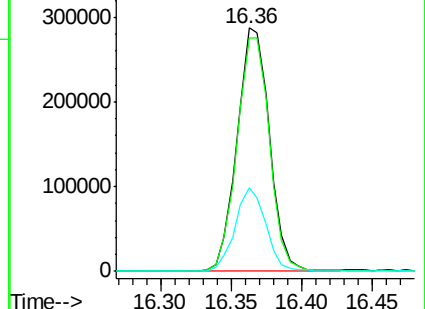
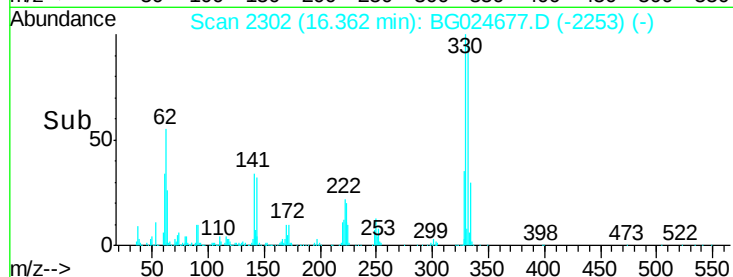
141 32.7 32.1 48.1



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: 65.68 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024677.D

Acq: 4 Nov 2016 11:27

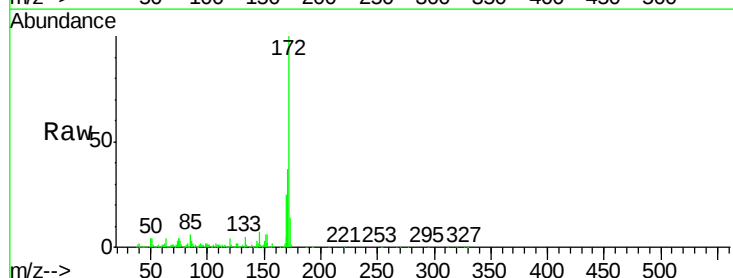
Tgt Ion:172 Resp: 1267243

Ion Ratio Lower Upper

172 100

171 37.3 32.2 48.2

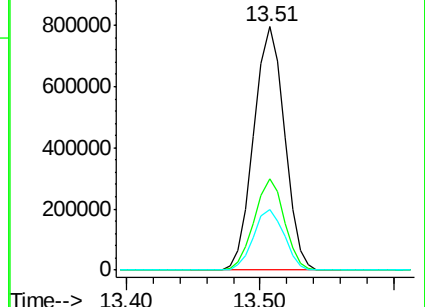
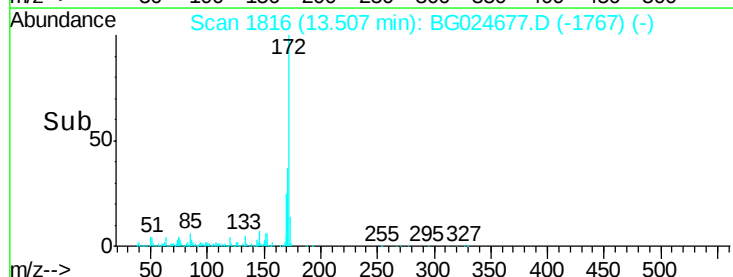
170 25.0 21.8 32.6

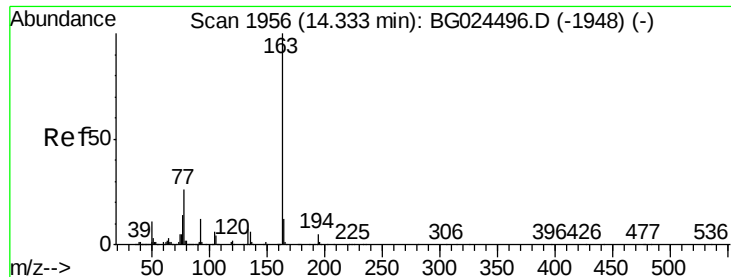


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 21.24 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024677.D

Acq: 4 Nov 2016 11:27

Instrument :

BNA_G

ClientSampleId :

SB-97-9.5-10.0

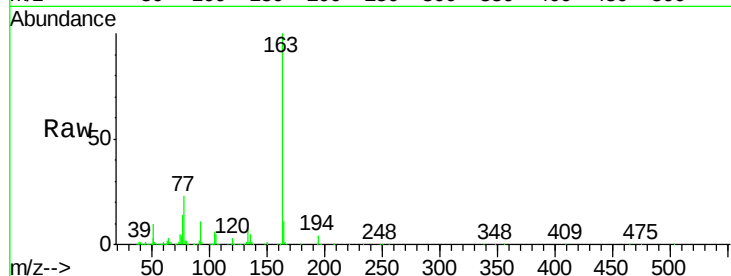
Tgt Ion:163 Resp: 483580

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

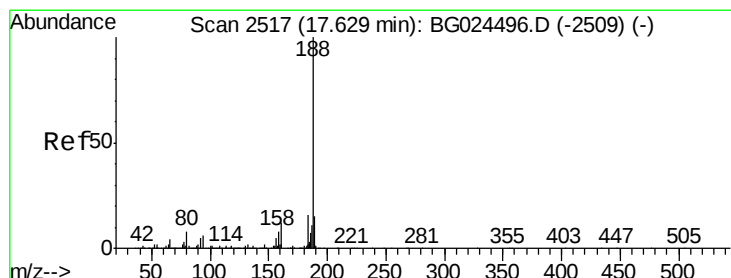
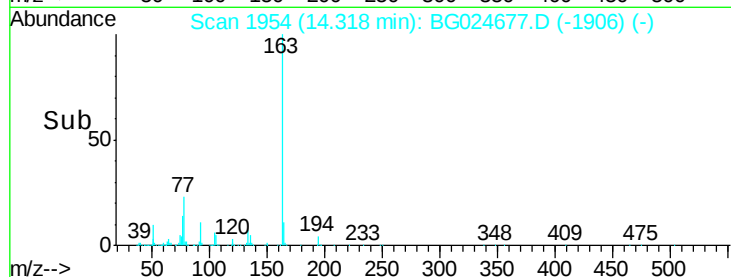
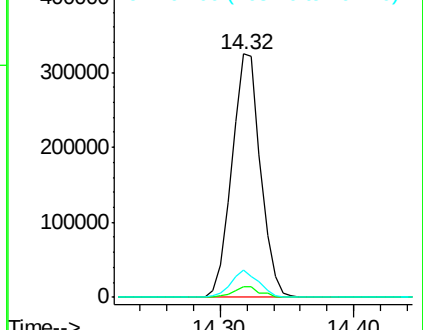
164 11.1 9.3 13.9



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: BG024677.D

Acq: 4 Nov 2016 11:27

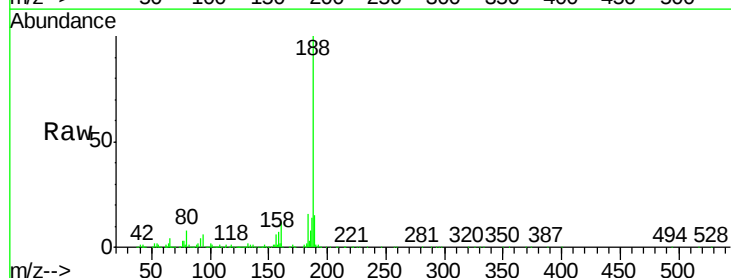
Tgt Ion:188 Resp: 742858

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

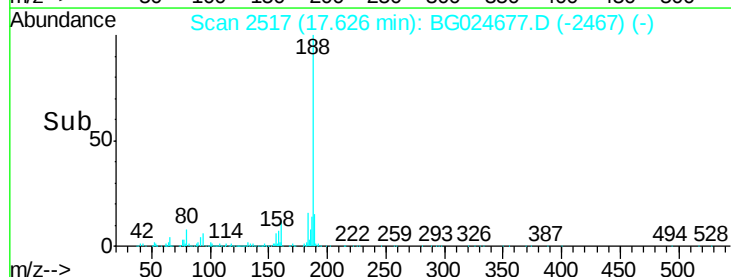
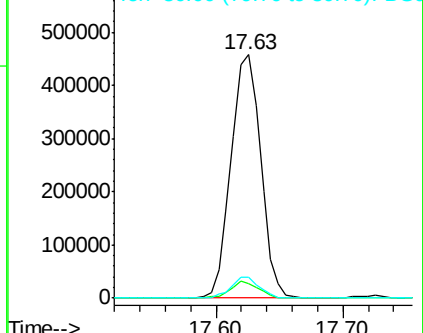
80 8.3 7.5 11.3

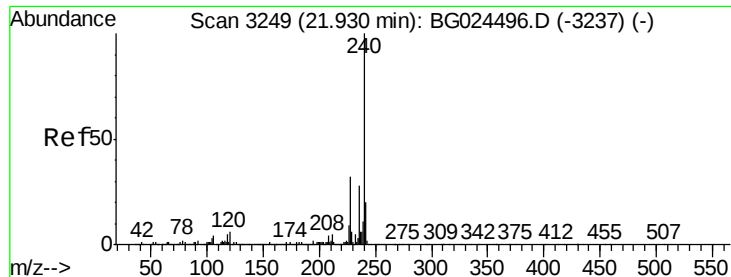


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

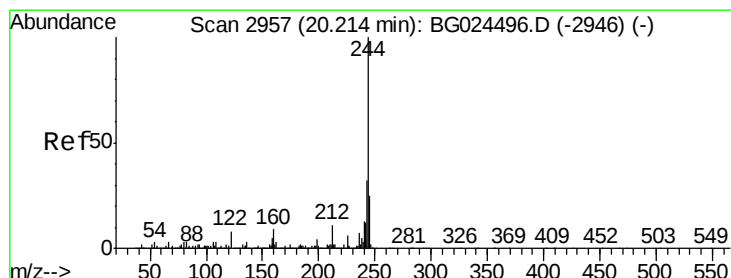
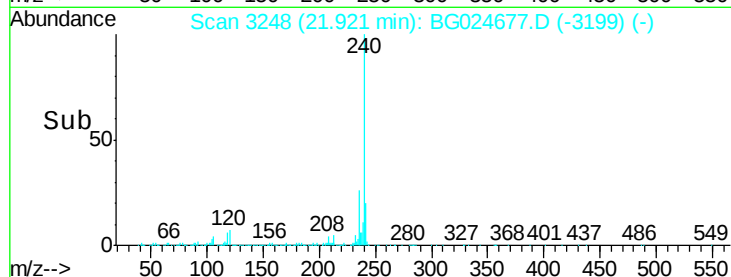
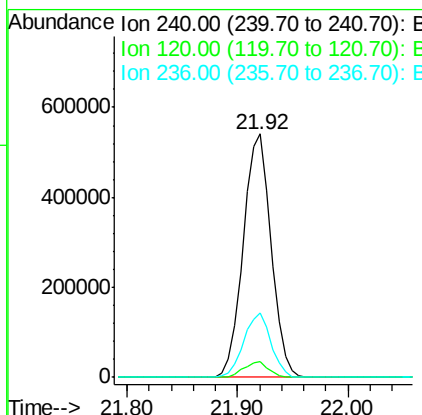
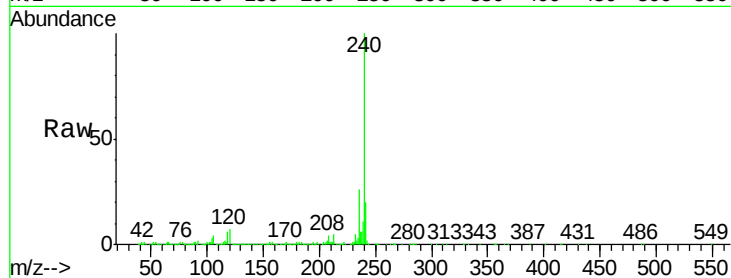




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024677.D
Acq: 4 Nov 2016 11:27

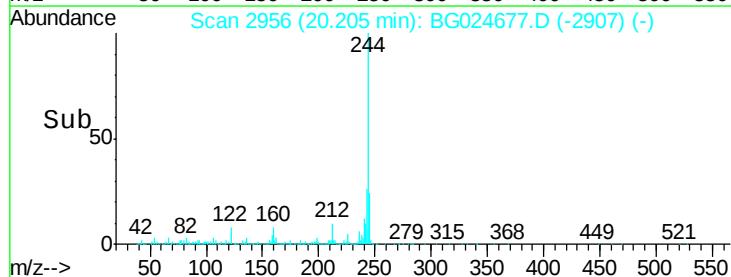
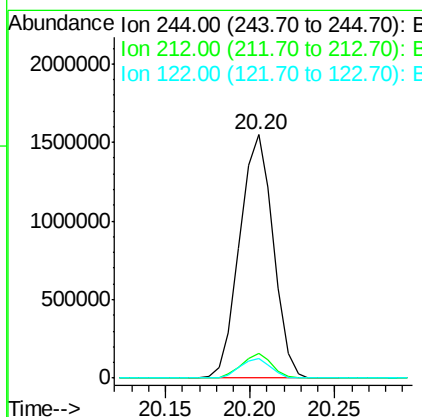
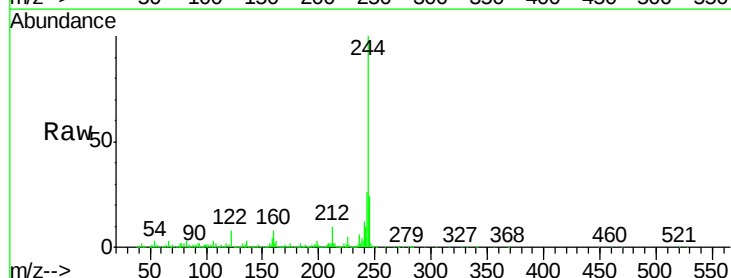
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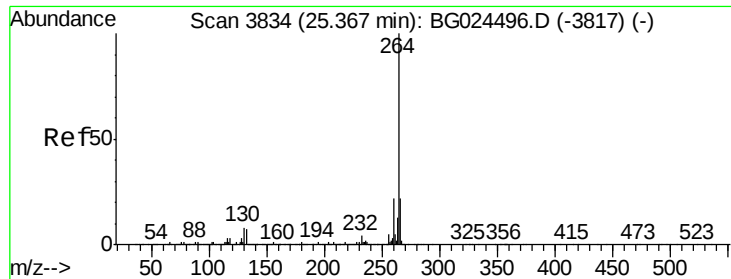
Tgt Ion:240 Resp: 961835
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 26.4 22.2 33.4



#78
Terphenyl-d14
Concen: 66.66 ng
RT: 20.20 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024677.D
Acq: 4 Nov 2016 11:27

Tgt Ion:244 Resp: 2145737
Ion Ratio Lower Upper
244 100
212 10.1 10.0 15.0
122 7.9 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: BG024677.D
Acq: 4 Nov 2016 11:27

Instrument :
BNA_G
ClientSampleId :
SB-97-9.5-10.0

Tgt Ion: 264 Resp: 1021989

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.6	18.2	27.4

