

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024679.D
 Acq On : 4 Nov 2016 12:44
 Operator : UM/SJ
 Sample : H5502-22
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-89-17.5-18.0

Quant Time: Nov 04 14:25:48 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

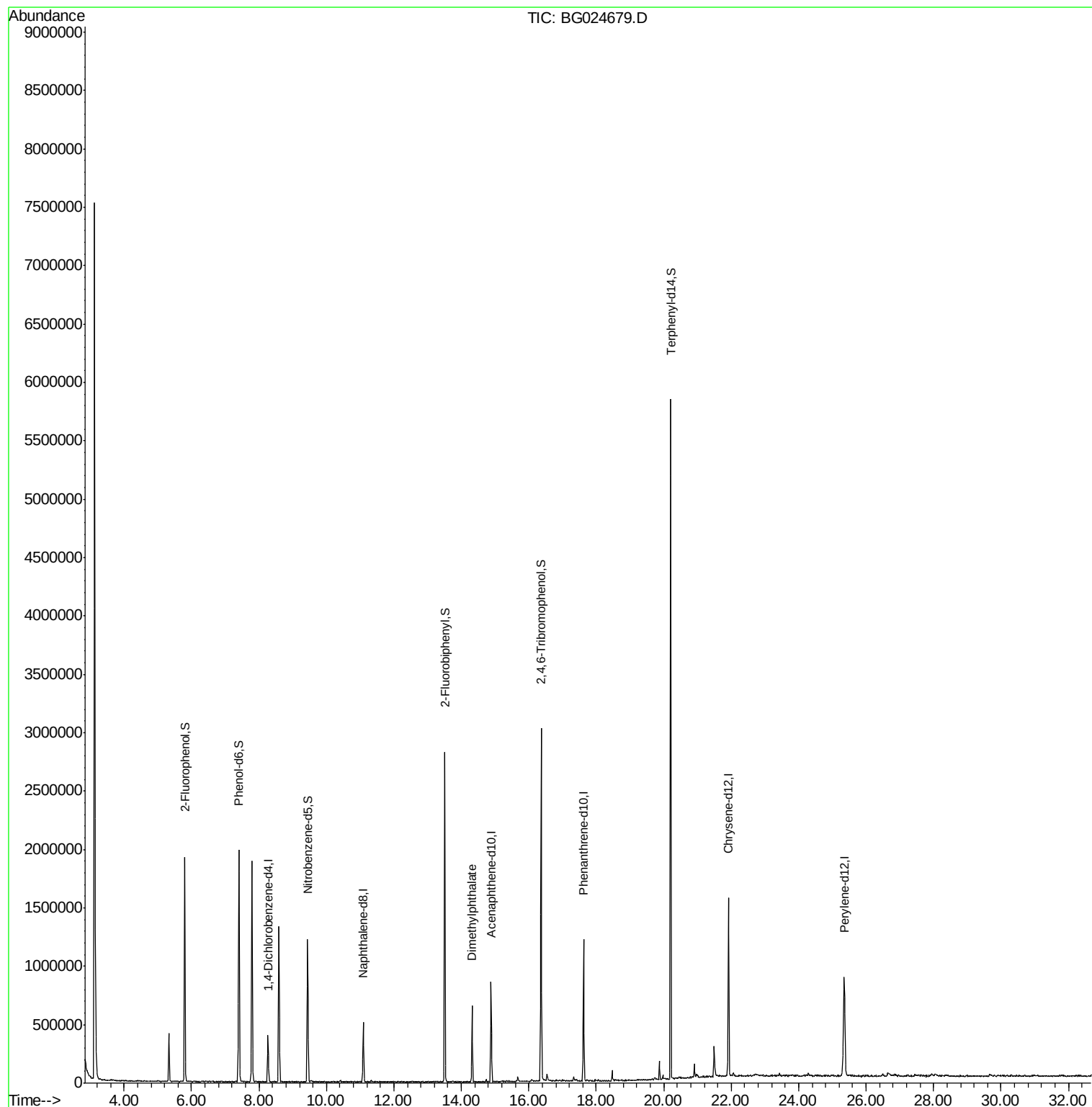
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	101732	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	402020	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	306237	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	756743	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1035261	20.00	ng	0.00
86) Perylene-d12	25.35	264	1056071	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	759517	122.36	ng	0.00
7) Phenol-d6	7.40	99	1070286	125.70	ng	0.00
23) Nitrobenzene-d5	9.44	82	758263	85.87	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	603110	131.83	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1410998	76.58	ng	0.00
78) Terphenyl-d14	20.21	244	2465049	71.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	411141	18.91	ng	Qvalue 98

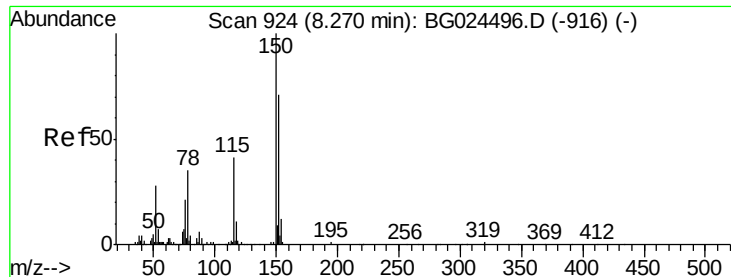
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024679.D

Acq: 4 Nov 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-89-17.5-18.0

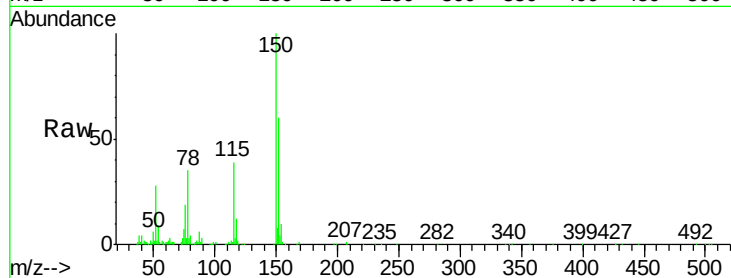
Tgt Ion:152 Resp: 101732

Ion Ratio Lower Upper

152 100

150 166.5 114.0 171.0

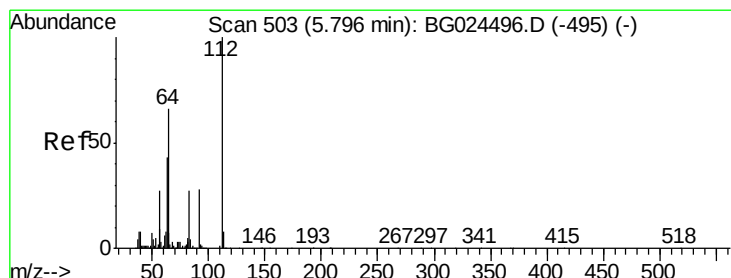
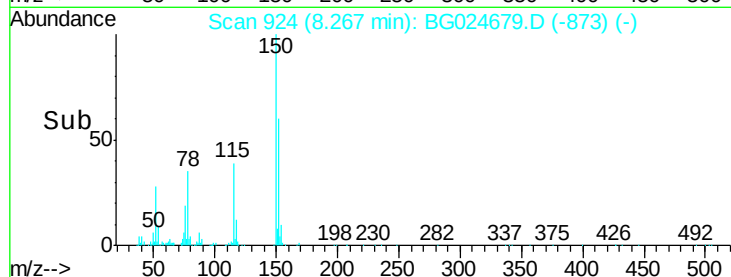
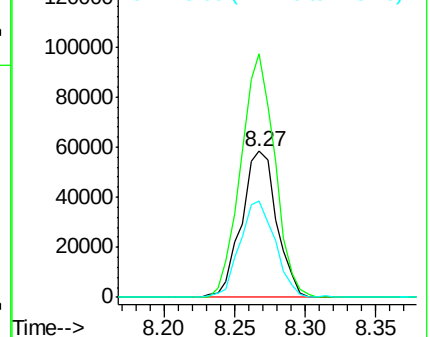
115 65.6 48.1 72.1



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: 122.36 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024679.D

Acq: 4 Nov 2016 12:44

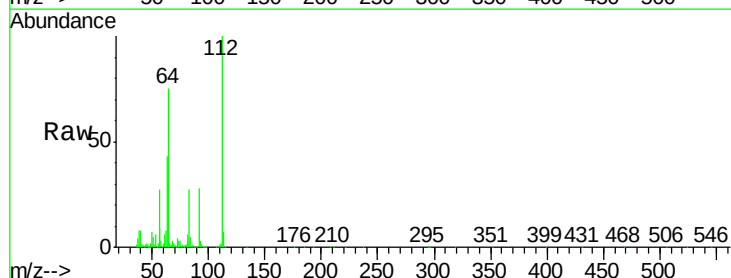
Tgt Ion:112 Resp: 759517

Ion Ratio Lower Upper

112 100

64 75.0 61.8 92.6

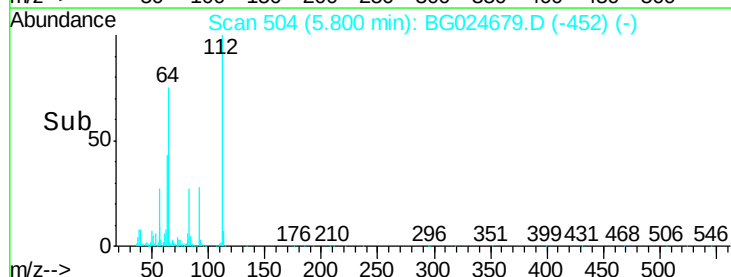
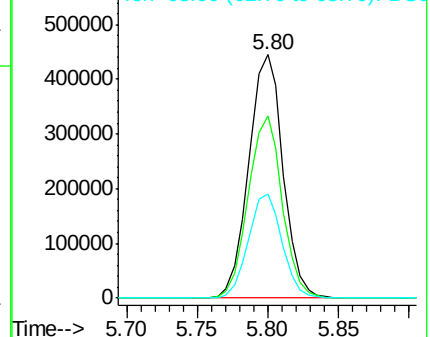
63 42.9 37.2 55.8

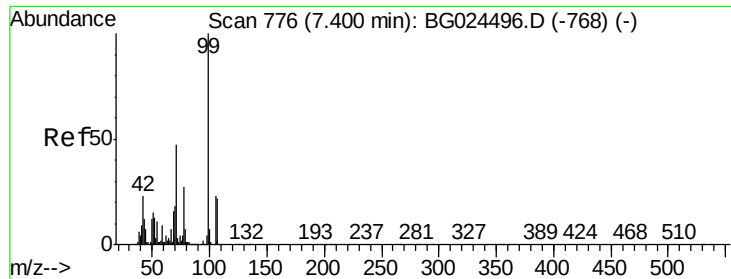


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.70 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024679.D

Acq: 4 Nov 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-89-17.5-18.0

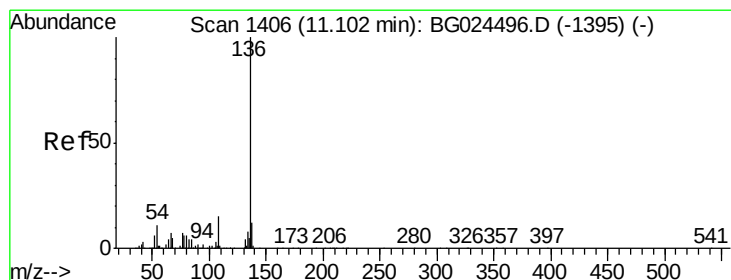
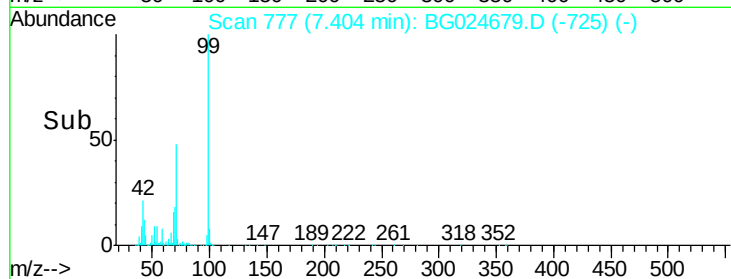
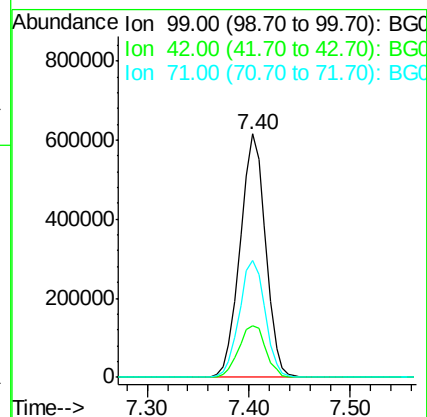
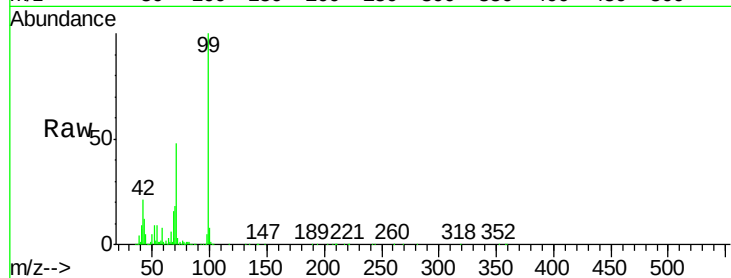
Tgt Ion: 99 Resp: 1070286

Ion Ratio Lower Upper

99 100

42 21.1 20.5 30.7

71 47.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024679.D

Acq: 4 Nov 2016 12:44

Tgt Ion: 136 Resp: 402020

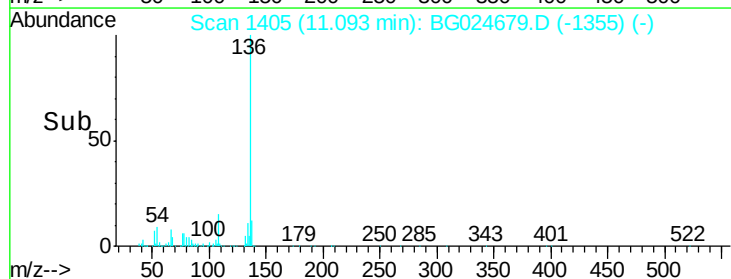
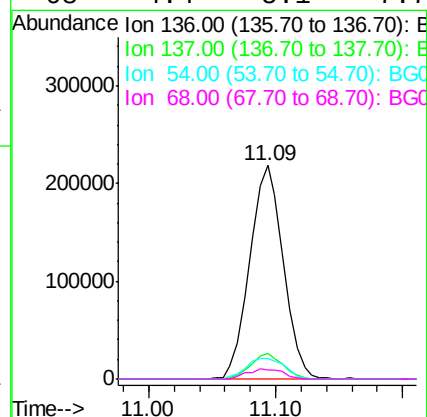
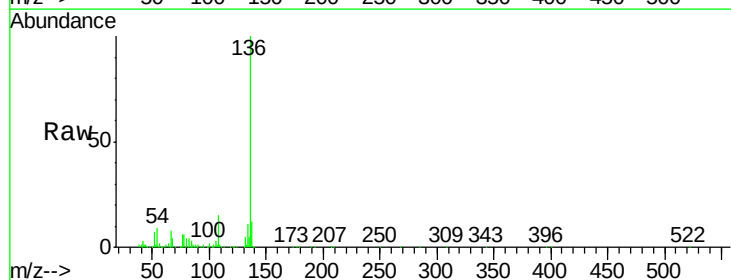
Ion Ratio Lower Upper

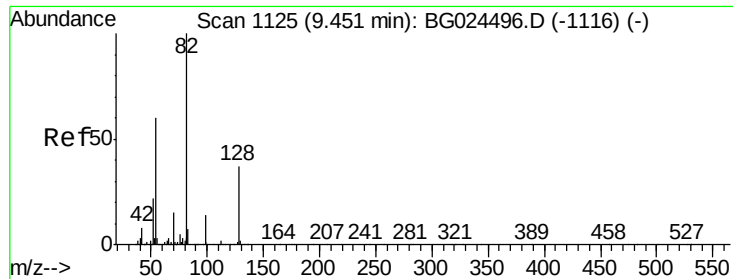
136 100

137 11.9 8.9 13.3

54 9.4 9.3 13.9

68 4.4 5.1 7.7#

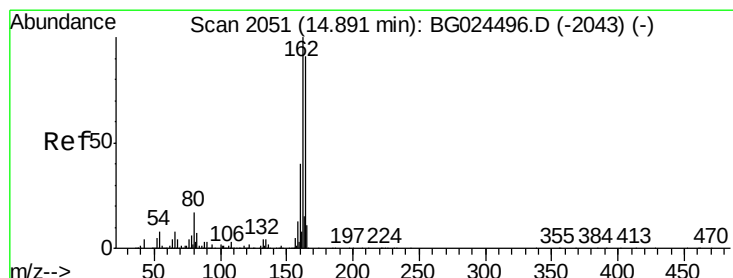
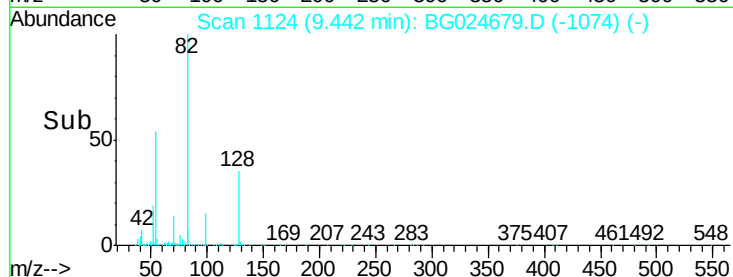
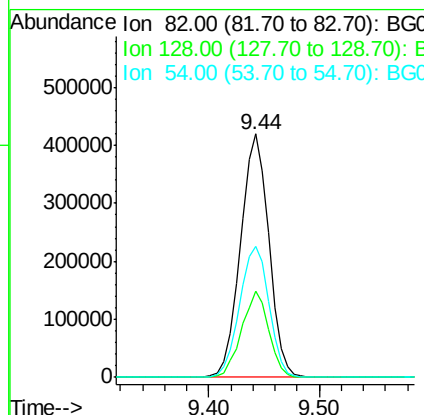
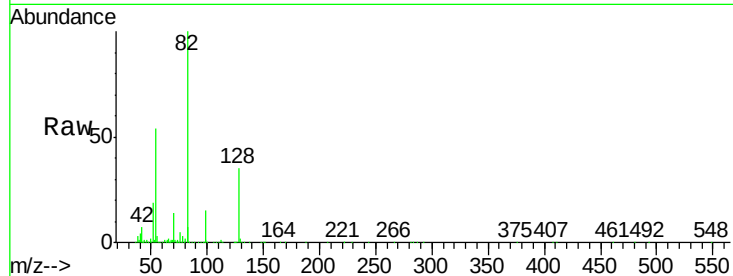




#23
 Nitrobenzene-d5
 Concen: 85.87 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024679.D
 Acq: 4 Nov 2016 12:44

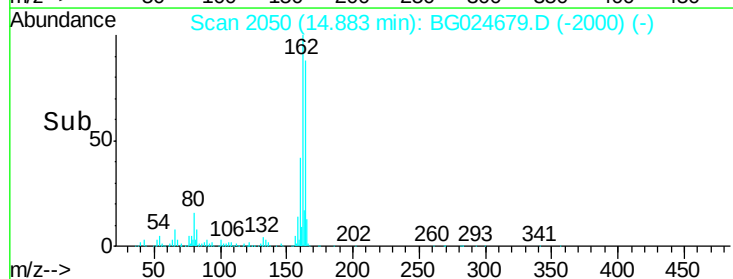
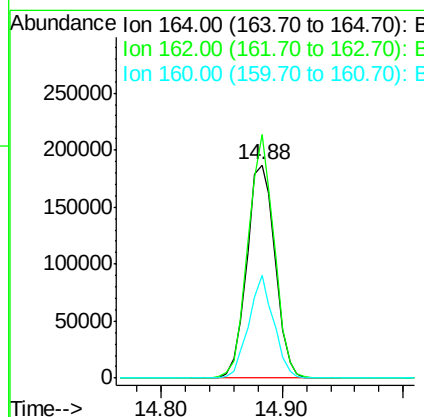
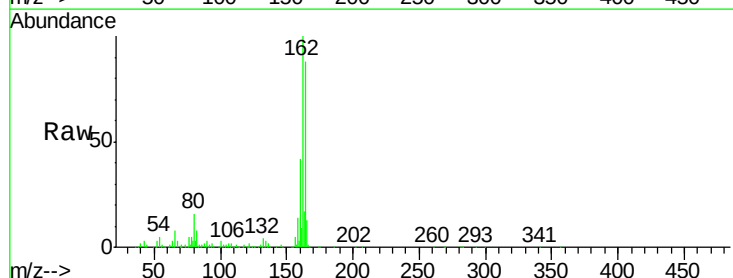
Instrument :
 BNA_G
 ClientSampleId :
 SB-89-17.5-18.0

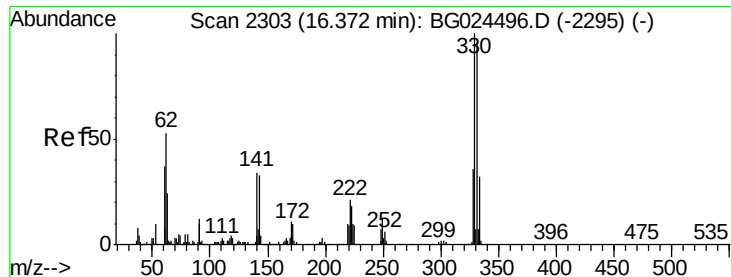
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.4	39.6
54	53.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024679.D
 Acq: 4 Nov 2016 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	114.1	85.1	127.7
160	48.3	34.7	52.1

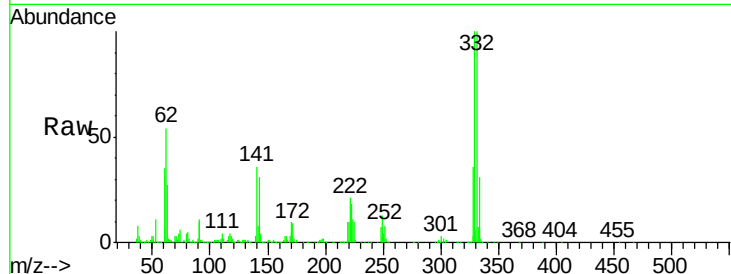




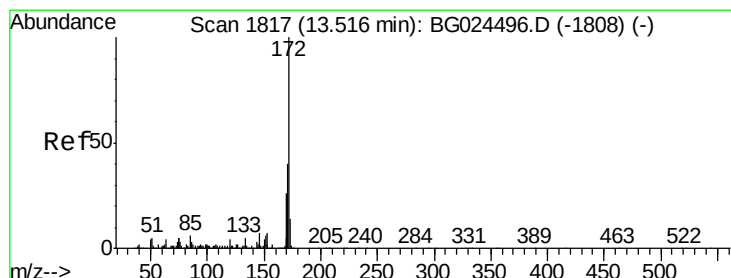
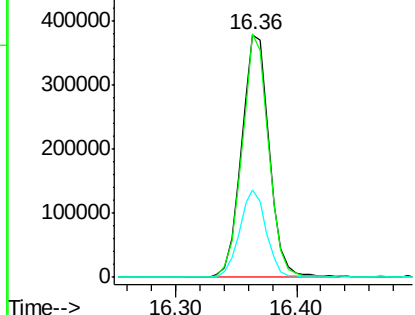
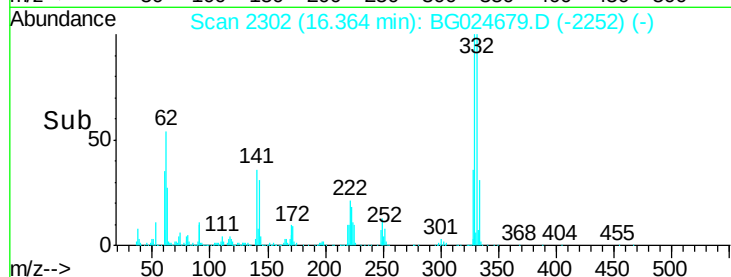
#41
 2,4,6-Tribromophenol
 Concen: 131.83 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024679.D
 Acq: 4 Nov 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-89-17.5-18.0

Tgt Ion:330 Resp: 603110
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 35.0 32.1 48.1

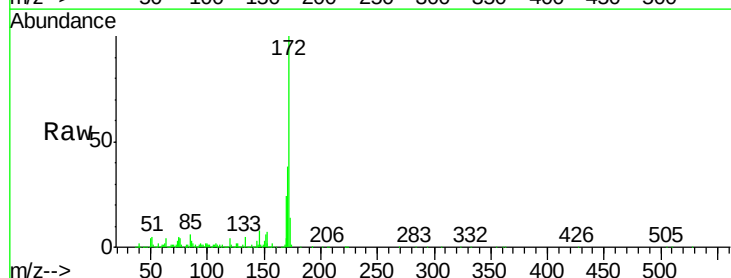


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

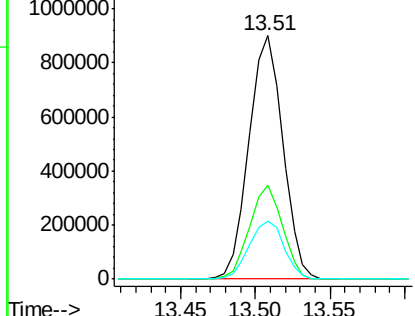
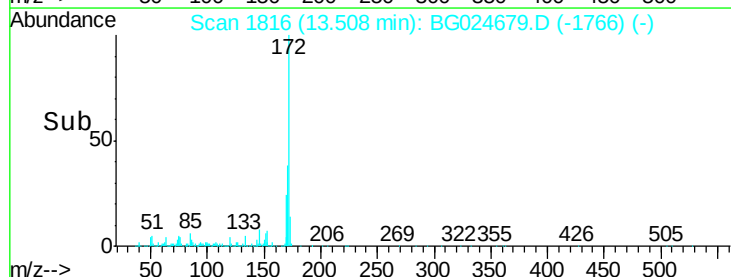


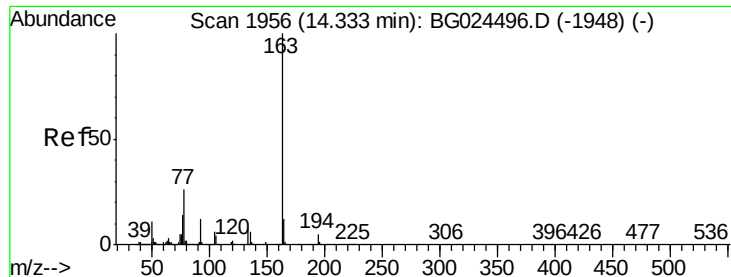
#44
 2-Fluorobiphenyl
 Concen: 76.58 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024679.D
 Acq: 4 Nov 2016 12:44

Tgt Ion:172 Resp: 1410998
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 23.8 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: 18.91 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024679.D

Acq: 4 Nov 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-89-17.5-18.0

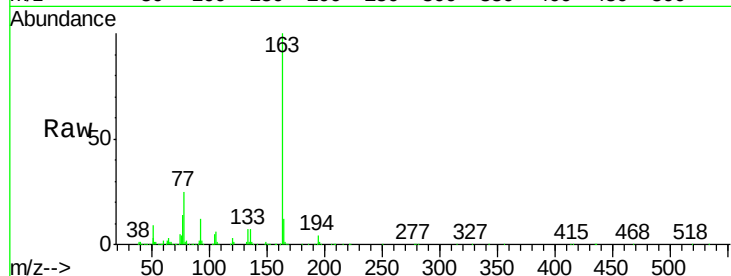
Tgt Ion:163 Resp: 411141

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

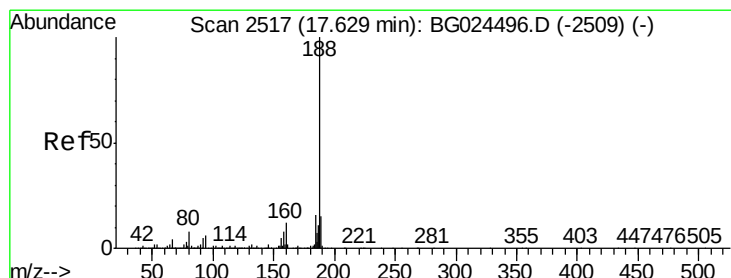
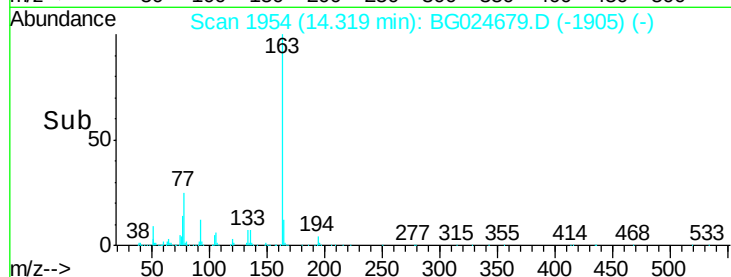
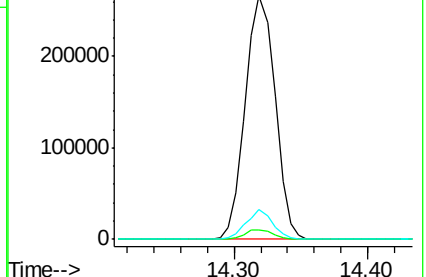
164 12.3 9.3 13.9



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: BG024679.D

Acq: 4 Nov 2016 12:44

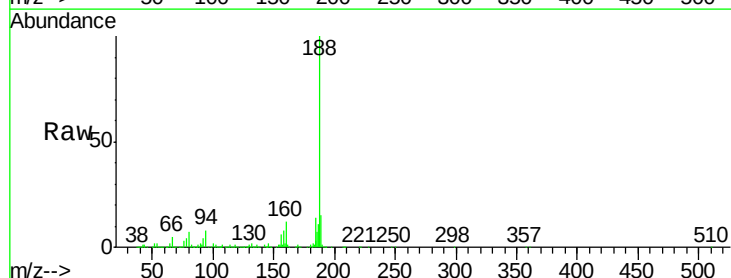
Tgt Ion:188 Resp: 756743

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.8

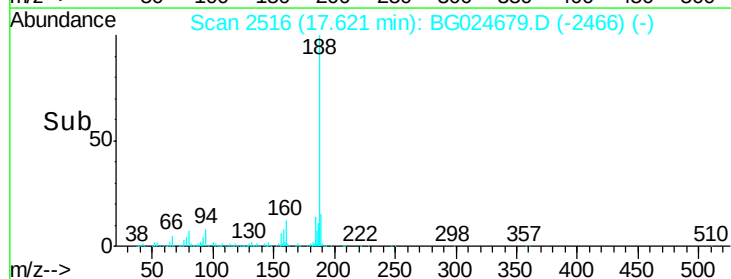
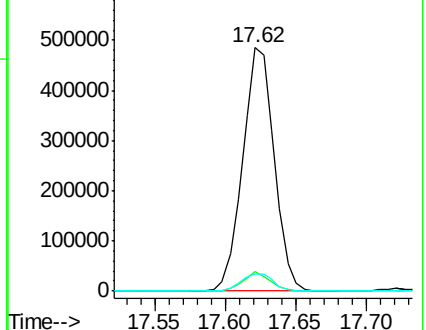
80 7.2 7.5 11.3#

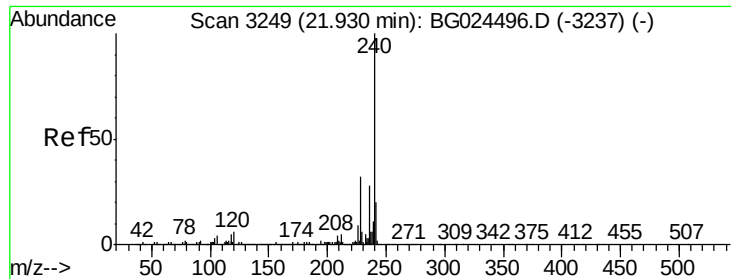


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG024679.D

Acq: 4 Nov 2016 12:44

Instrument :

BNA_G

ClientSampleId :

SB-89-17.5-18.0

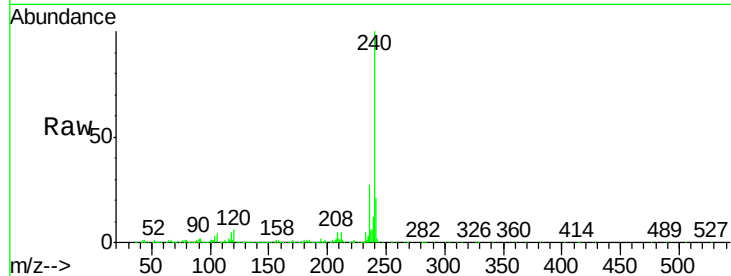
Tgt Ion:240 Resp: 1035261

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

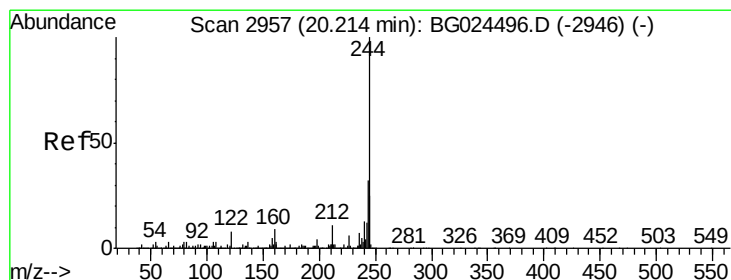
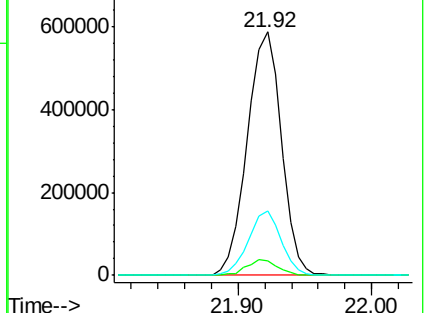
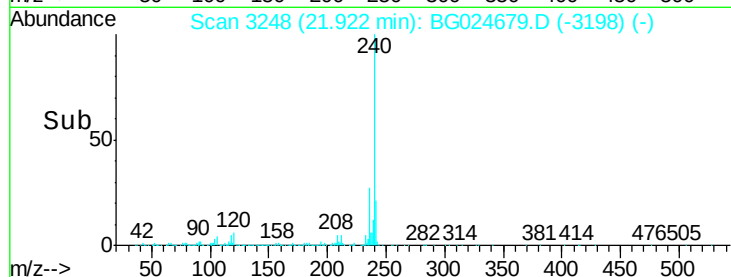
236 26.6 22.2 33.4



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: 71.15 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024679.D

Acq: 4 Nov 2016 12:44

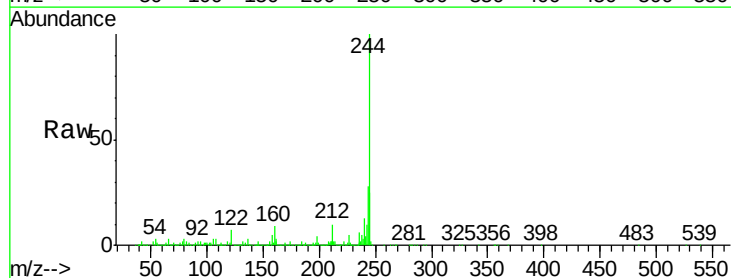
Tgt Ion:244 Resp: 2465049

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0

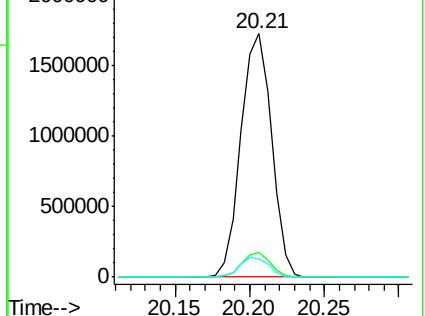
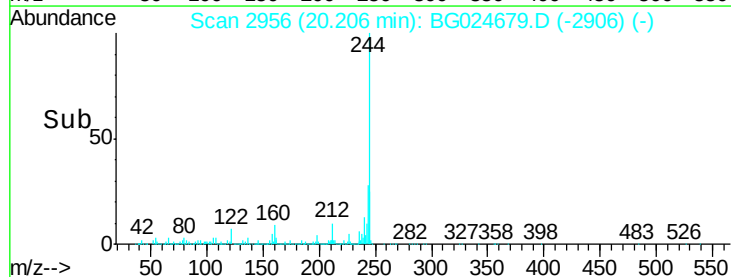
122 7.4 8.6 12.8#

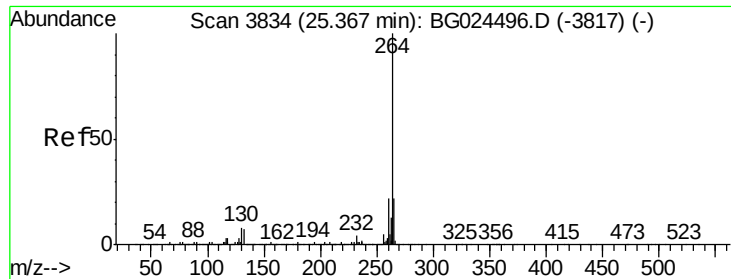


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3832
Delta R.T. -0.01 min
Lab File: BG024679.D
Acq: 4 Nov 2016 12:44

Instrument :
BNA_G
ClientSampleId :
SB-89-17.5-18.0

Tgt Ion: 264 Resp: 1056071

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	21.5	18.2	27.4

