

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024613.D
 Acq On : 2 Nov 2016 5:05
 Operator : UM/SJ
 Sample : H5489-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-77-0.5-1.0

Quant Time: Nov 02 06:20:02 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

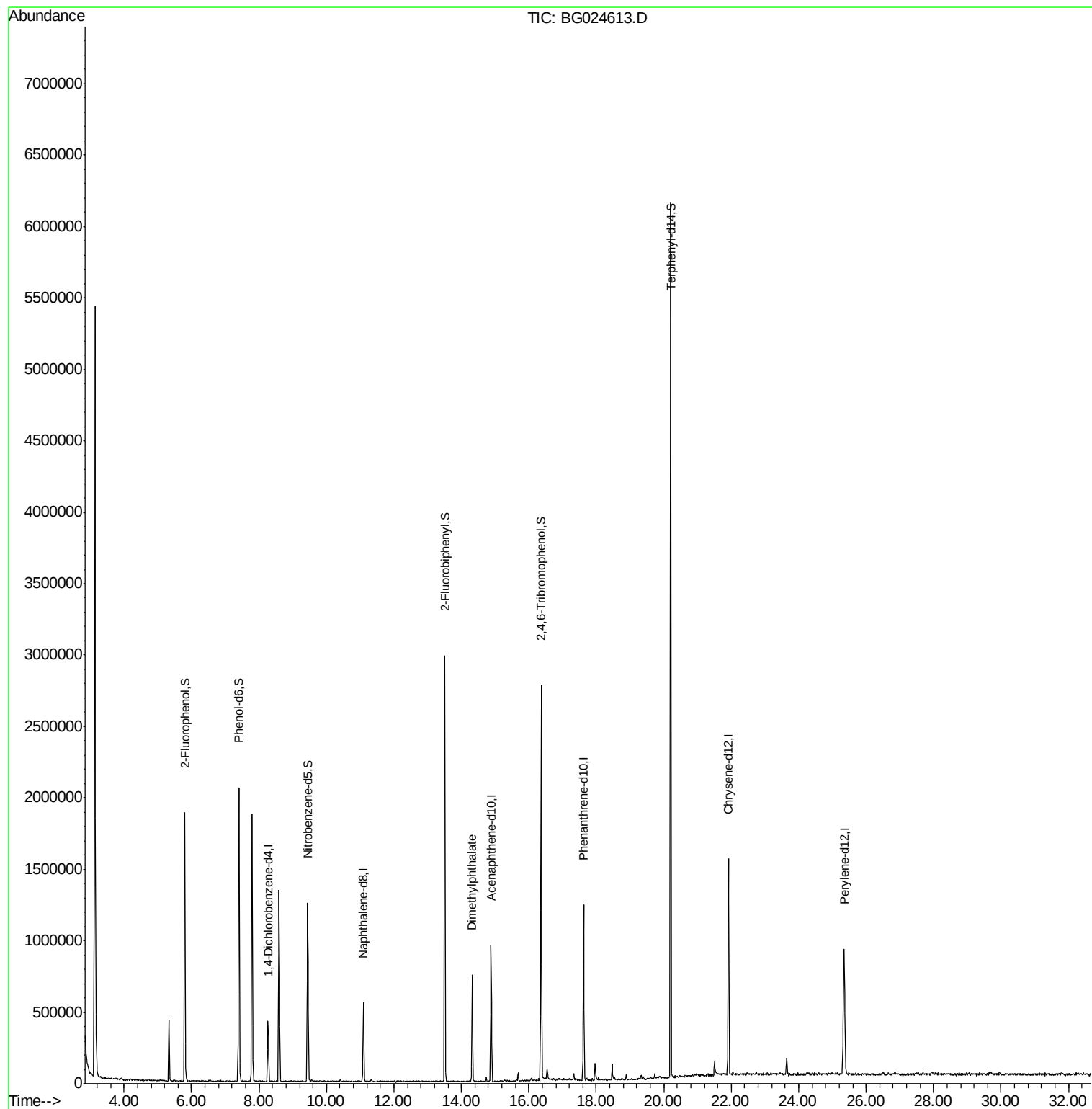
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	118930	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	444403	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	346943	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	758551	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1074337	20.00	ng	-0.02
86) Perylene-d12	25.35	264	1072927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	764792	105.40	ng	0.00
7) Phenol-d6	7.40	99	1116489	112.17	ng	0.00
23) Nitrobenzene-d5	9.44	82	772973	79.19	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	564168	108.85	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1528756	73.24	ng	0.00
78) Terphenyl-d14	20.21	244	2730096	75.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	474716	19.27	ng	Qvalue 97

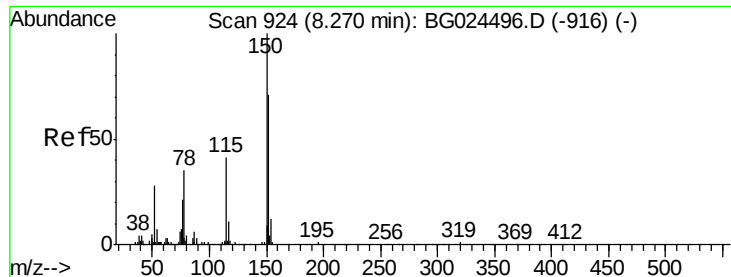
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024613.D

Acq: 2 Nov 2016 5:05

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

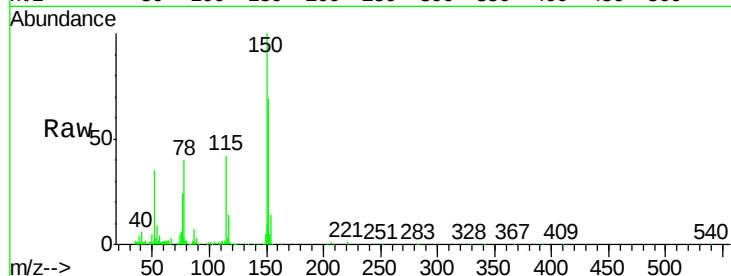
Tgt Ion:152 Resp: 118930

Ion Ratio Lower Upper

152 100

150 144.1 114.0 171.0

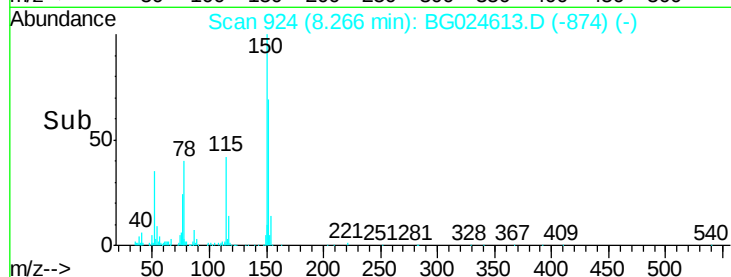
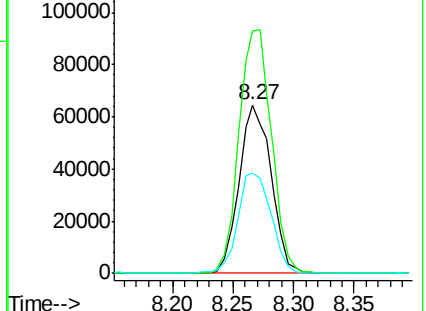
115 59.8 48.1 72.1



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: 105.40 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024613.D

Acq: 2 Nov 2016 5:05

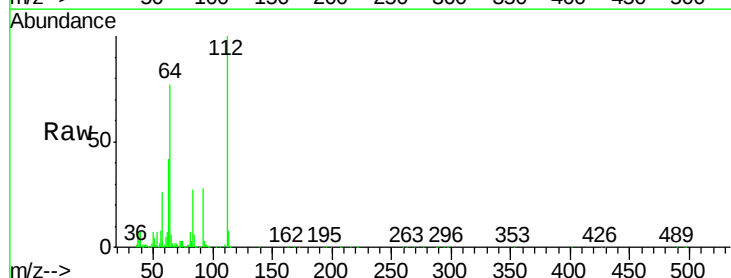
Tgt Ion:112 Resp: 764792

Ion Ratio Lower Upper

112 100

64 77.1 61.8 92.6

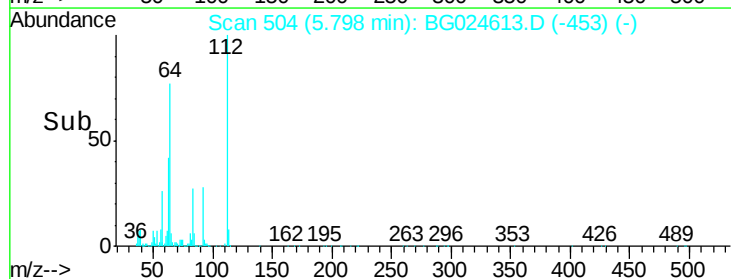
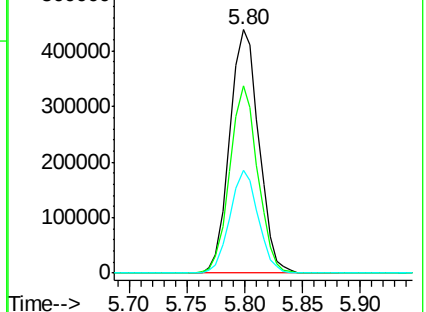
63 42.2 37.2 55.8

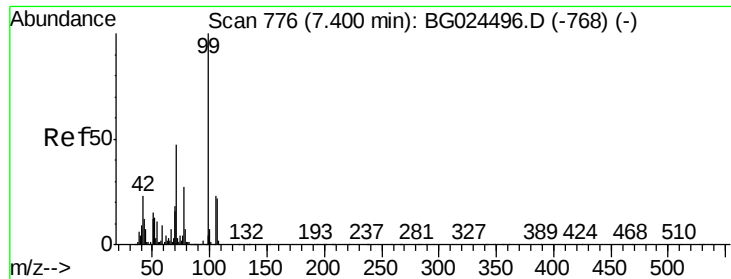


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.17 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024613.D

Acq: 2 Nov 2016 5:05

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

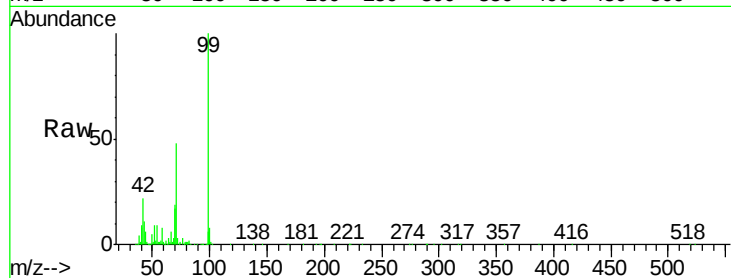
Tgt Ion: 99 Resp: 1116489

Ion Ratio Lower Upper

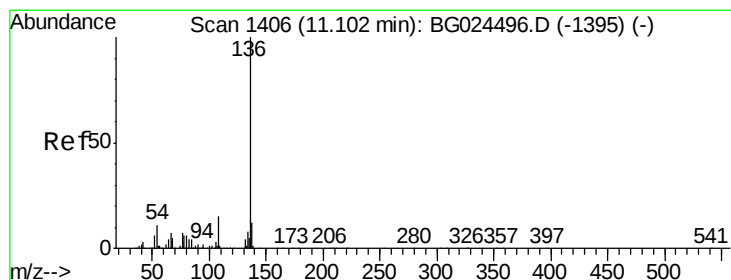
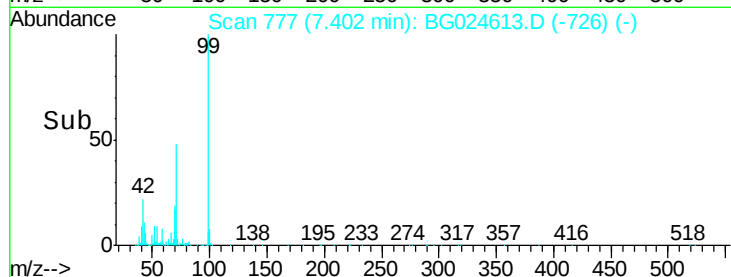
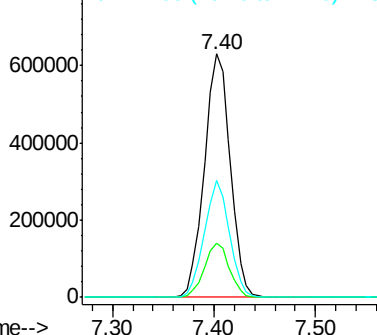
99 100

42 22.1 20.5 30.7

71 48.0 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: BG024613.D

Acq: 2 Nov 2016 5:05

Tgt Ion: 136 Resp: 444403

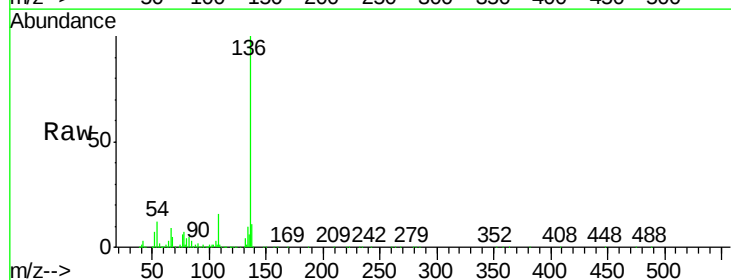
Ion Ratio Lower Upper

136 100

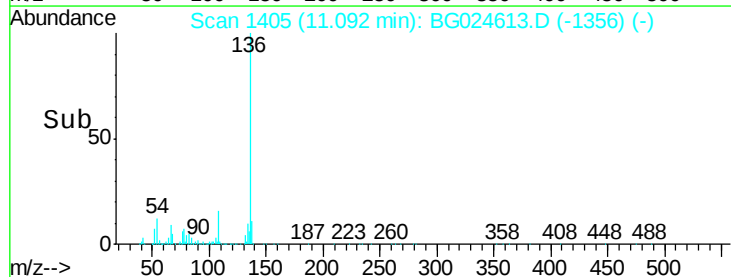
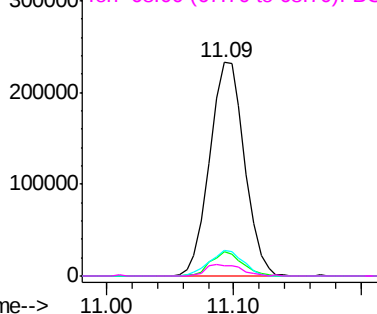
137 11.1 8.9 13.3

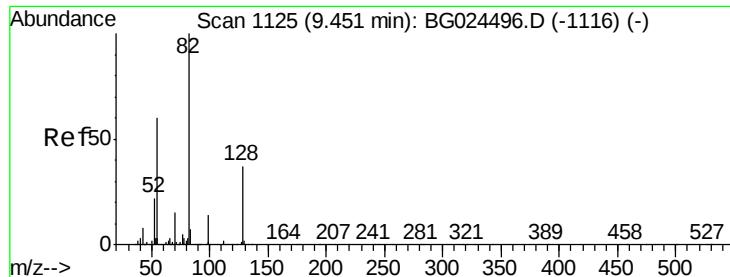
54 12.1 9.3 13.9

68 4.9 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

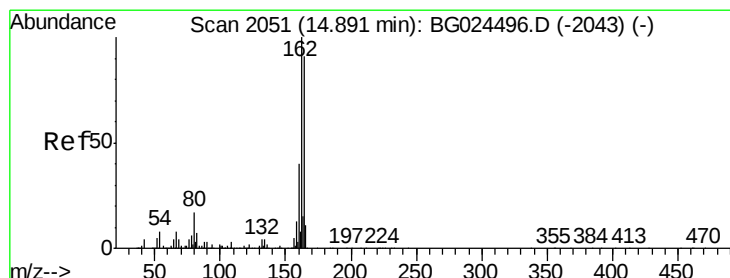
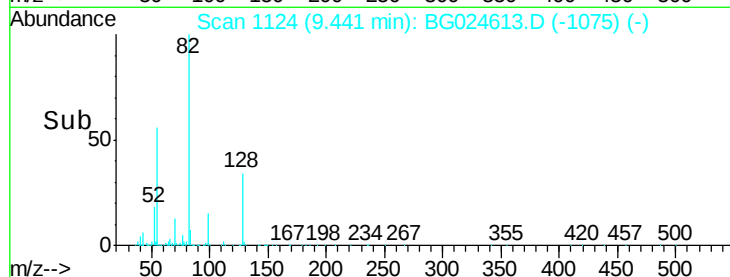
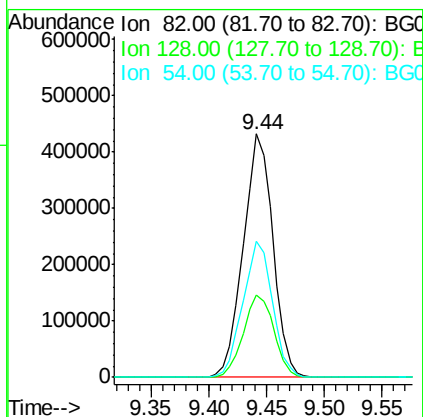
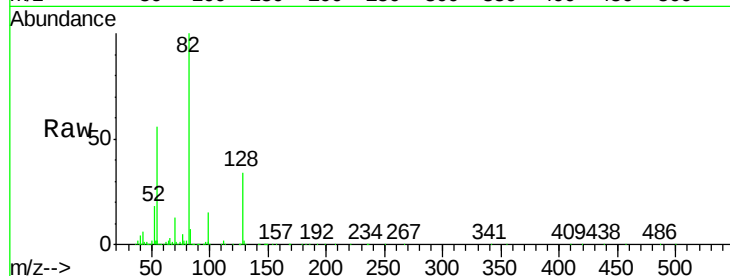




#23
 Nitrobenzene-d5
 Concen: 79.19 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024613.D
 Acq: 2 Nov 2016 5:05

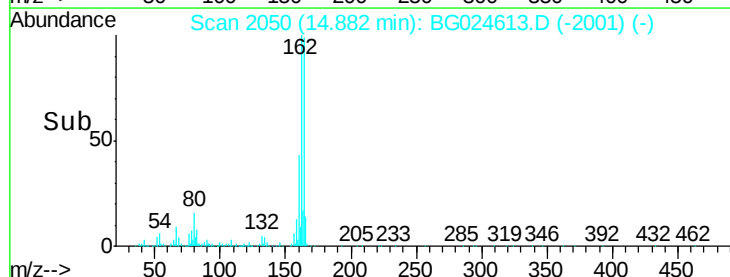
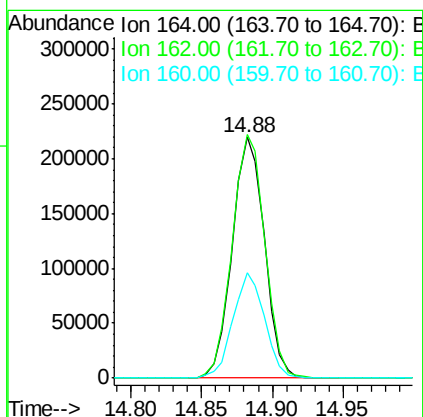
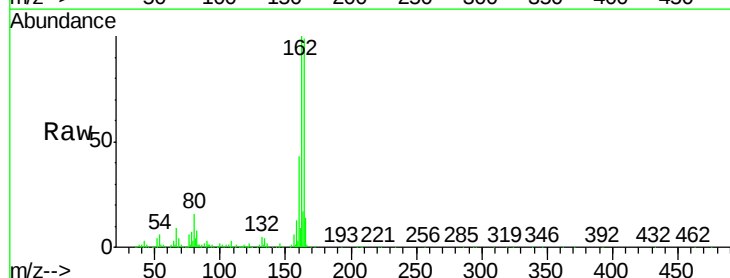
Instrument :
 BNA_G
 ClientSampleId :
 SB-77-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.0	26.4	39.6
54	55.8	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: BG024613.D
 Acq: 2 Nov 2016 5:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	85.1	127.7
160	43.7	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 108.85 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024613.D

Acq: 2 Nov 2016 5:05

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

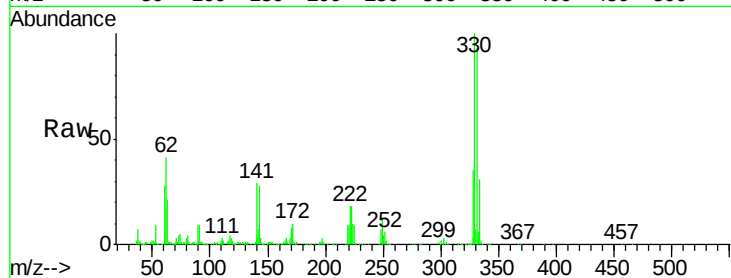
Tgt Ion:330 Resp: 564168

Ion Ratio Lower Upper

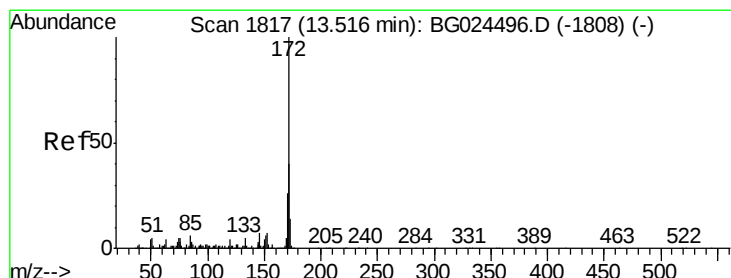
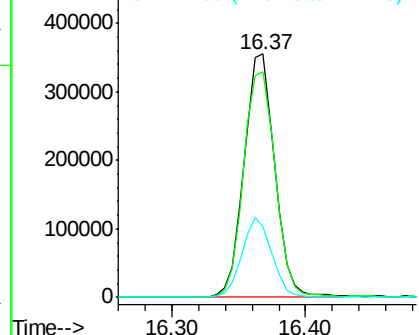
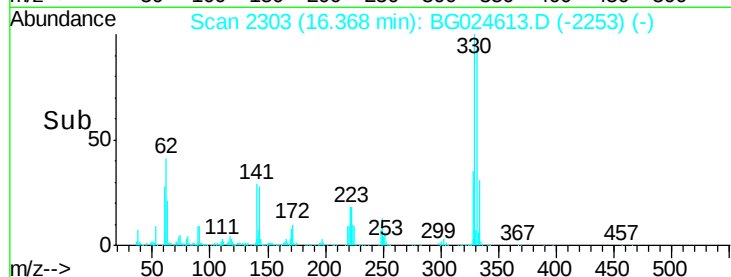
330 100

332 96.0 77.3 115.9

141 31.9 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: 73.24 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024613.D

Acq: 2 Nov 2016 5:05

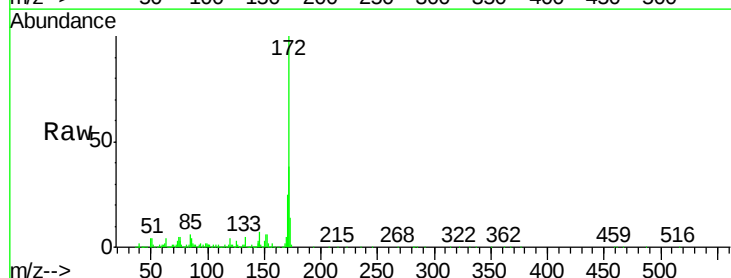
Tgt Ion:172 Resp: 1528756

Ion Ratio Lower Upper

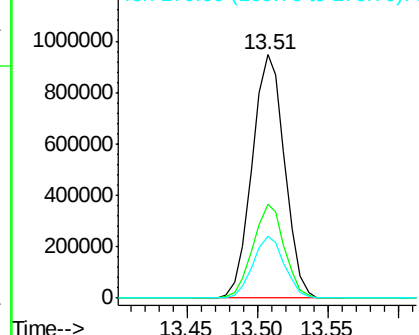
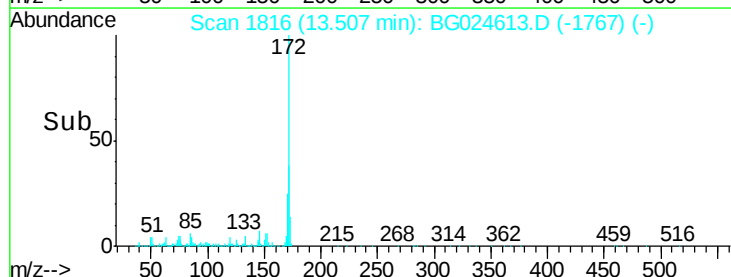
172 100

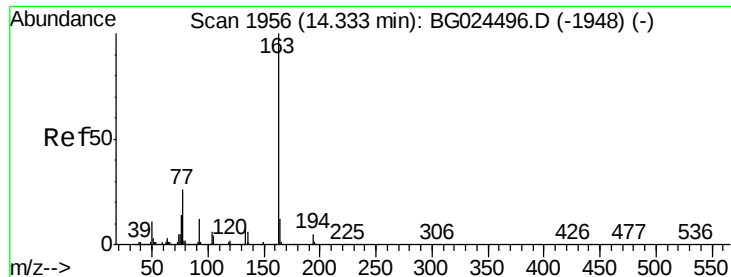
171 38.4 32.2 48.2

170 25.2 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: 19.27 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024613.D

Acq: 2 Nov 2016 5:05

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

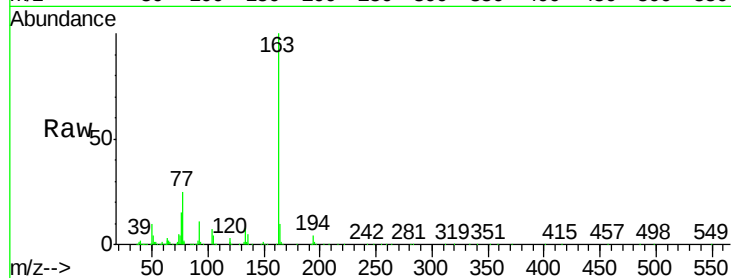
Tgt Ion:163 Resp: 474716

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

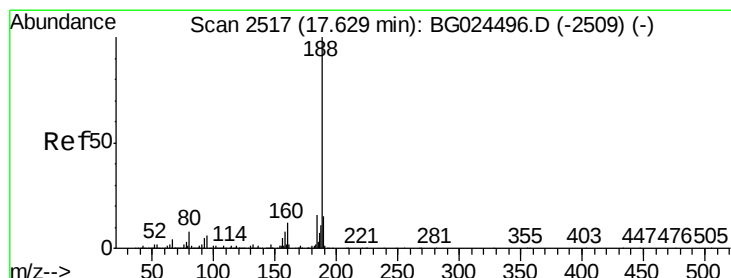
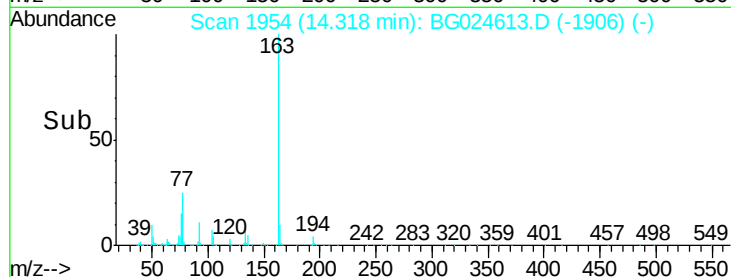
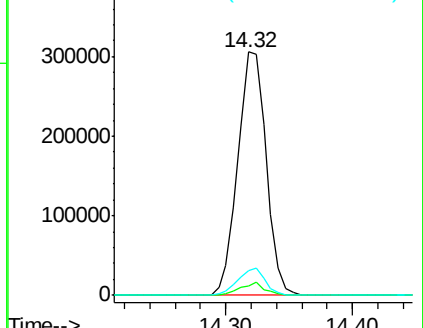
164 10.1 9.3 13.9



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: BG024613.D

Acq: 2 Nov 2016 5:05

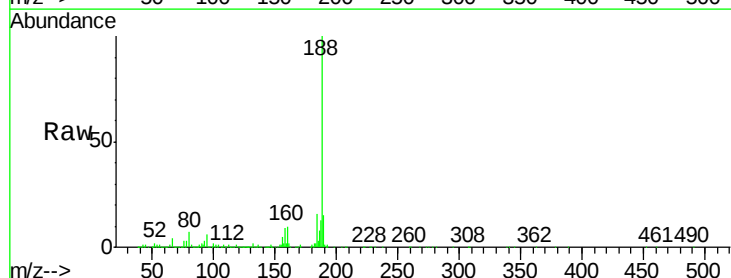
Tgt Ion:188 Resp: 758551

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

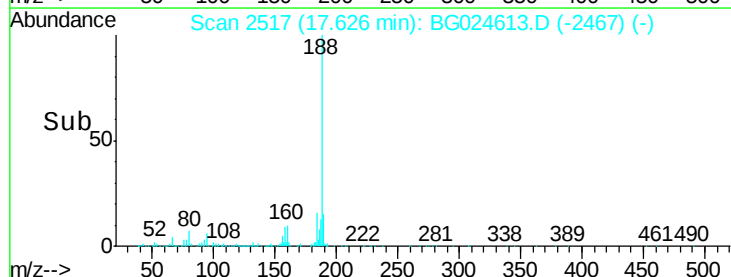
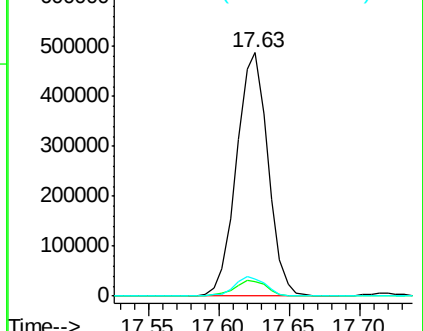
80 6.9 7.5 11.3#

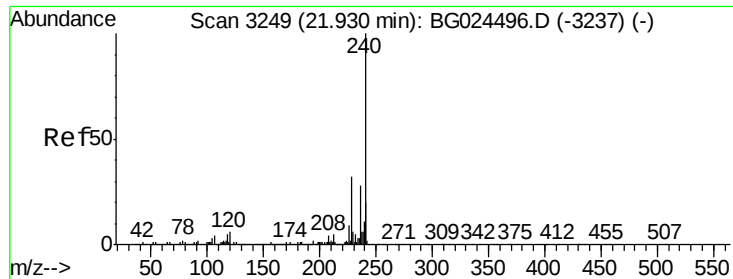


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.91 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BG024613.D

Acq: 2 Nov 2016 5:05

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

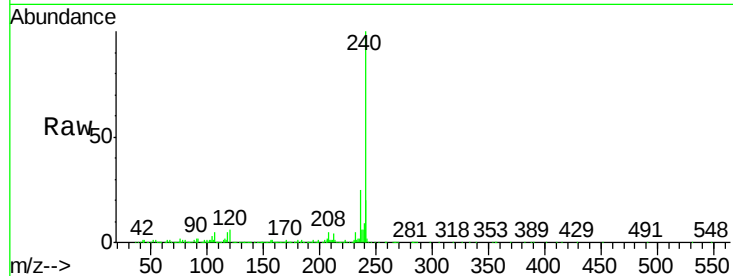
Tgt Ion:240 Resp: 1074337

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

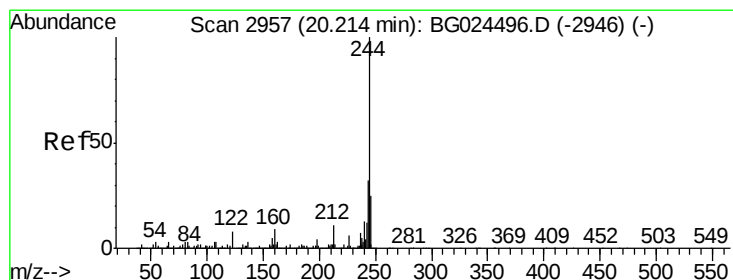
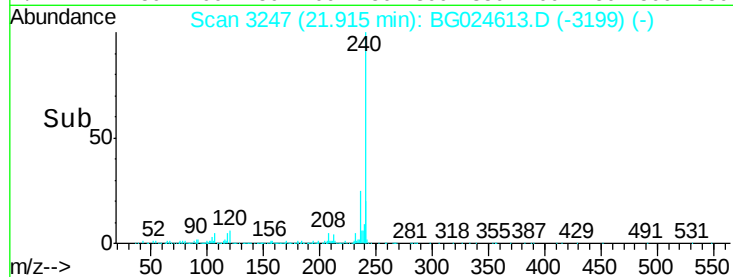
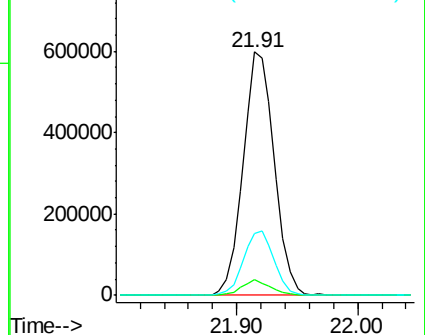
236 25.3 22.2 33.4



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: 75.93 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024613.D

Acq: 2 Nov 2016 5:05

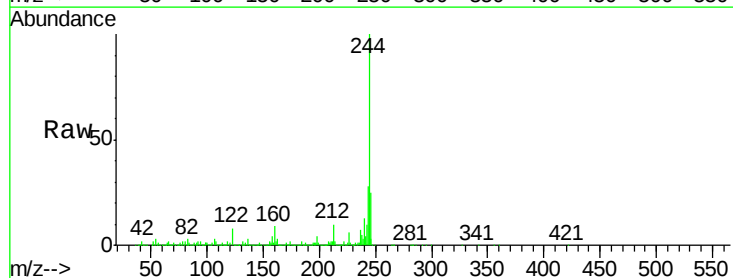
Tgt Ion:244 Resp: 2730096

Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

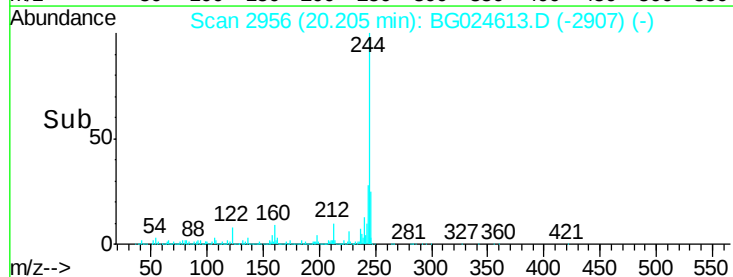
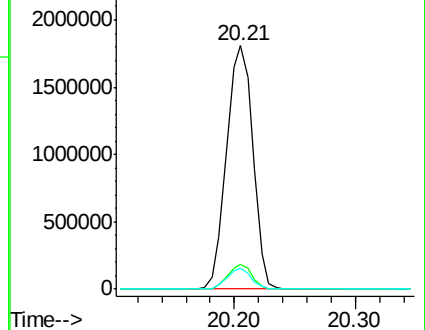
122 8.4 8.6 12.8#

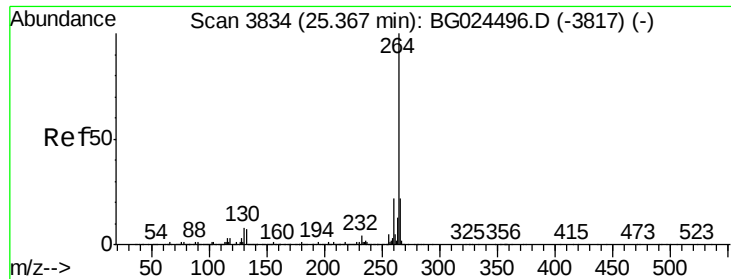


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3831
Delta R.T. -0.02 min
Lab File: BG024613.D
Acq: 2 Nov 2016 5:05

Instrument :
BNA_G
ClientSampleId :
SB-77-0.5-1.0

Tgt Ion: 264 Resp: 1072927

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.8	32.8
265	22.4	18.2	27.4

