

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024606.D
 Acq On : 1 Nov 2016 23:39
 Operator : UM/SJ
 Sample : H5489-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-68-0.5-1.0

Quant Time: Nov 02 03:22:22 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

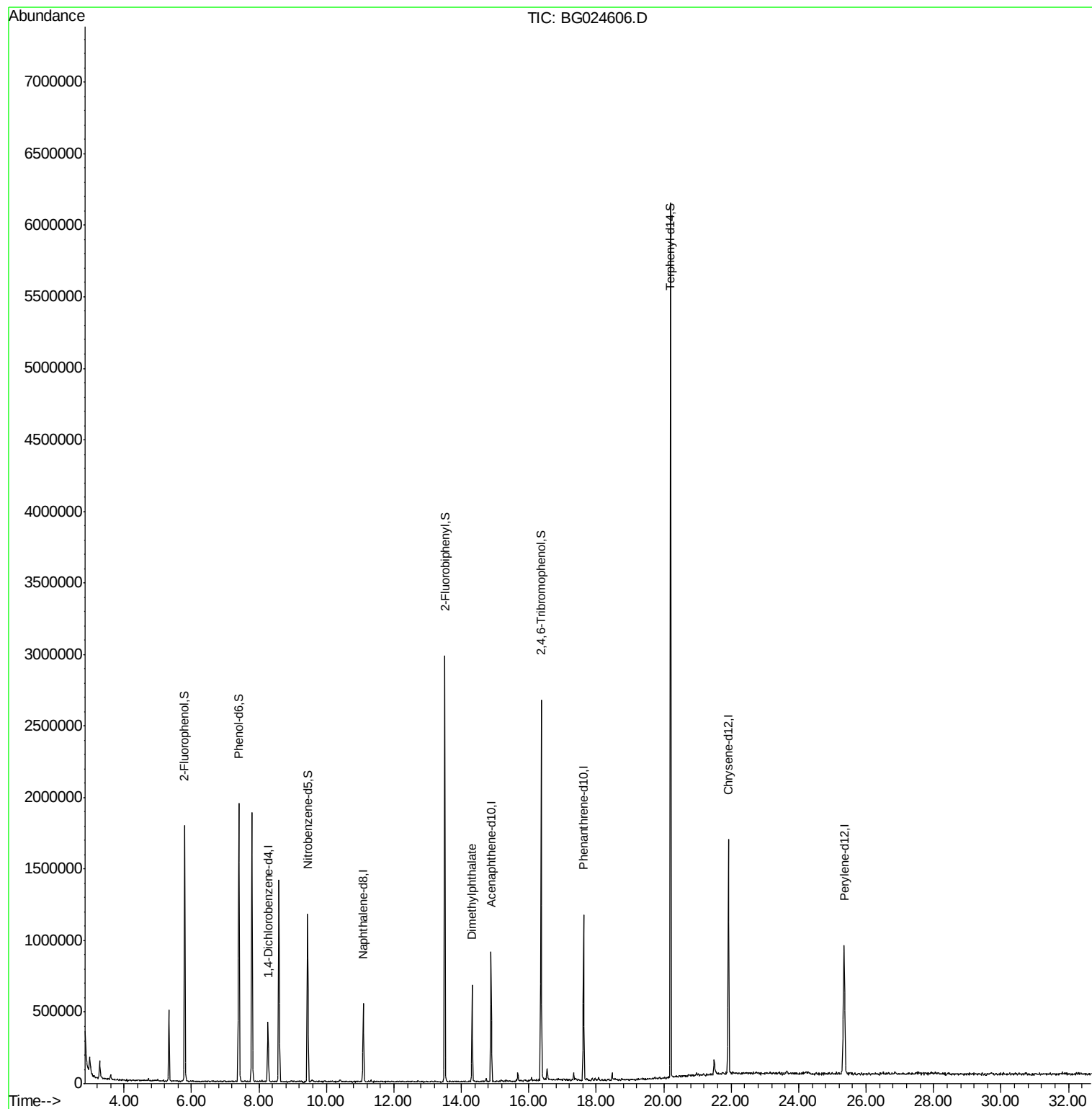
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	114617	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	448350	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	336653	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	756300	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1089808	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1131563	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	754856	107.94	ng	0.00
7) Phenol-d6	7.40	99	1078009	112.38	ng	0.00
23) Nitrobenzene-d5	9.44	82	749015	76.06	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	533212	106.02	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1490047	73.57	ng	0.00
78) Terphenyl-d14	20.20	244	2637108	72.31	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	415448	17.38	ng	# 96

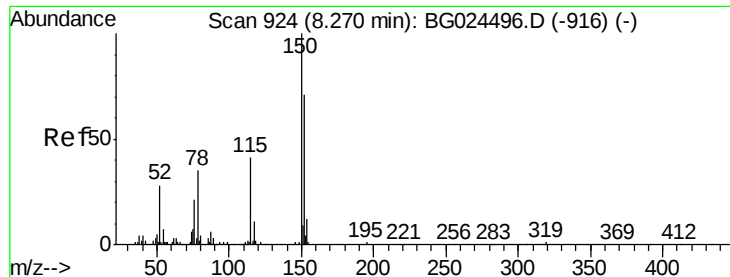
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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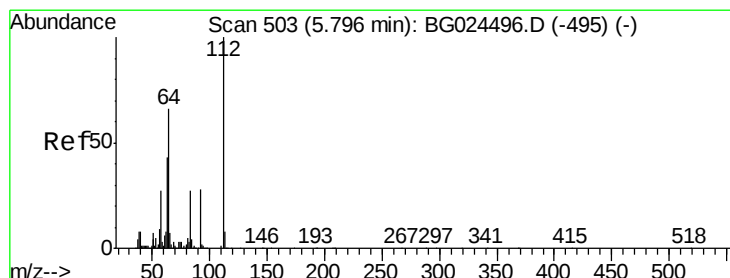
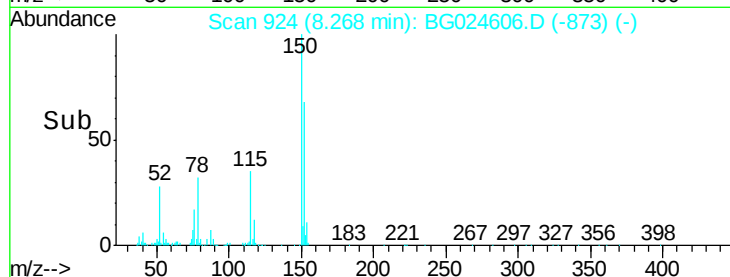
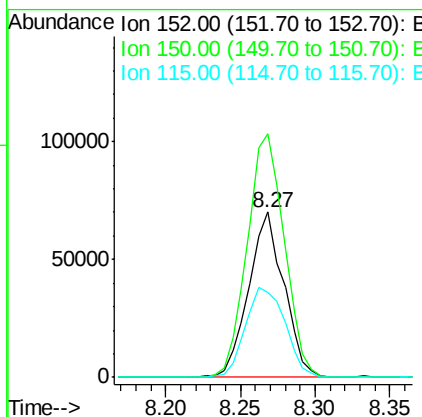
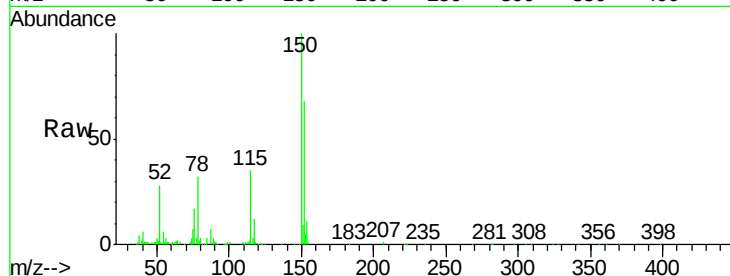


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG024606.D
 Acq: 1 Nov 2016 23:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-68-0.5-1.0

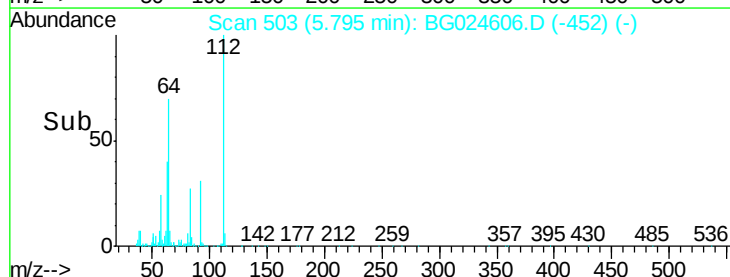
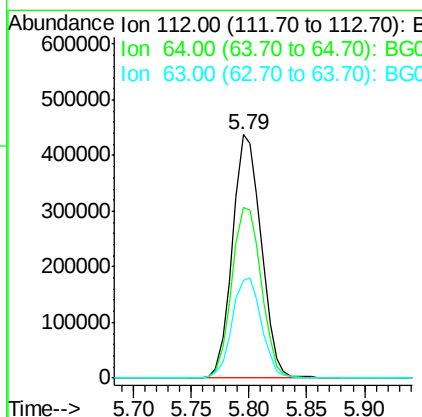
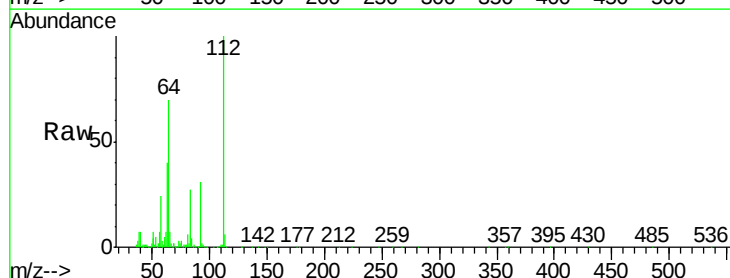
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	114.0	171.0
115	51.8	48.1	72.1



#5

2-Fluorophenol
 Concen: 107.94 ng
 RT: 5.79 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BG024606.D
 Acq: 1 Nov 2016 23:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	61.8	92.6
63	40.0	37.2	55.8





#7

Phenol-d6

Concen: 112.38 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024606.D

Acq: 1 Nov 2016 23:39

Instrument :

BNA_G

ClientSampleId :

SB-68-0.5-1.0

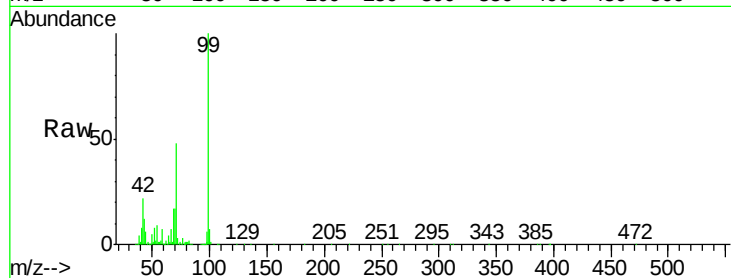
Tot Ion: 99 Resp: 1078009

Ion Ratio Lower Upper

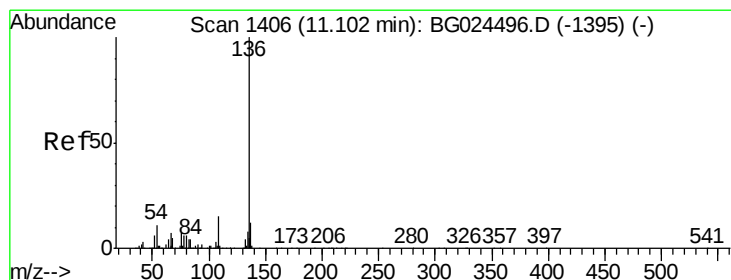
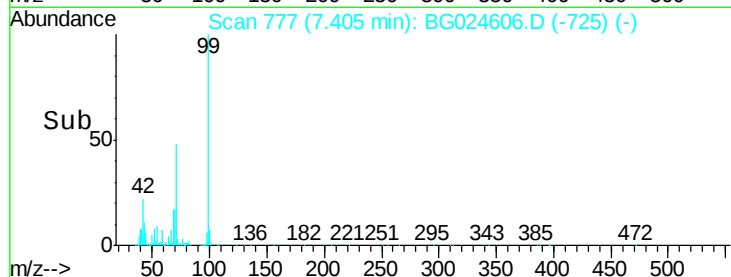
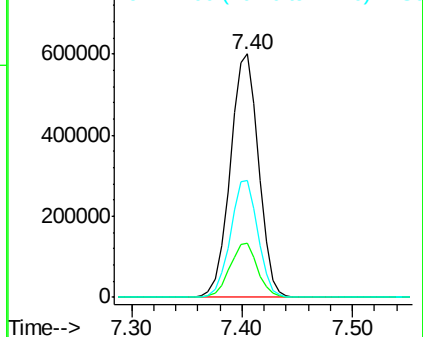
99 100

42 22.1 20.5 30.7

71 48.1 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: BG024606.D

Acq: 1 Nov 2016 23:39

Tgt Ion:136 Resp: 448350

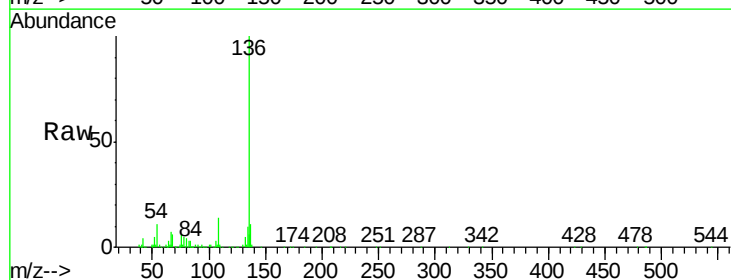
Ion Ratio Lower Upper

136 100

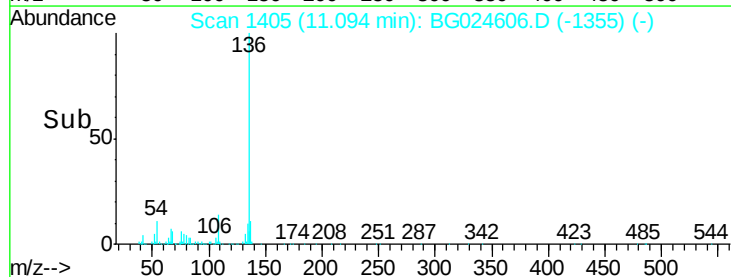
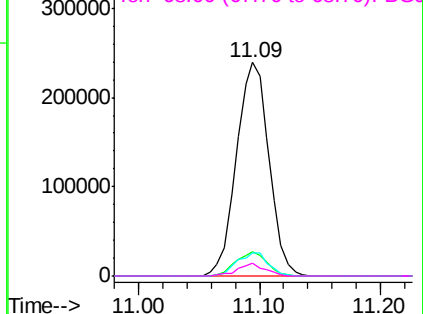
137 11.2 8.9 13.3

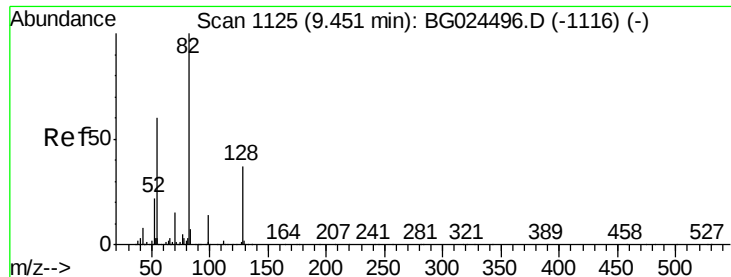
54 10.8 9.3 13.9

68 5.7 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: 76.06 ng

RT: 9.44 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG024606.D

Acq: 1 Nov 2016 23:39

Instrument :

BNA_G

ClientSampleId :

SB-68-0.5-1.0

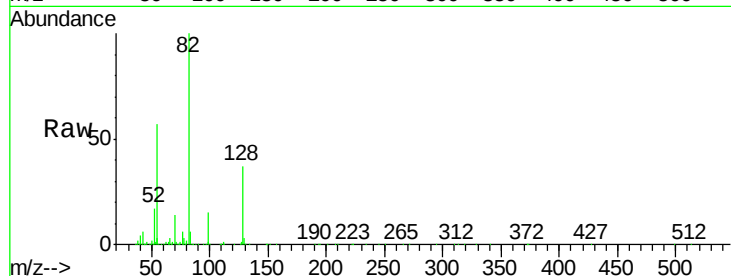
Tot Ion: 82 Resp: 749015

Ion Ratio Lower Upper

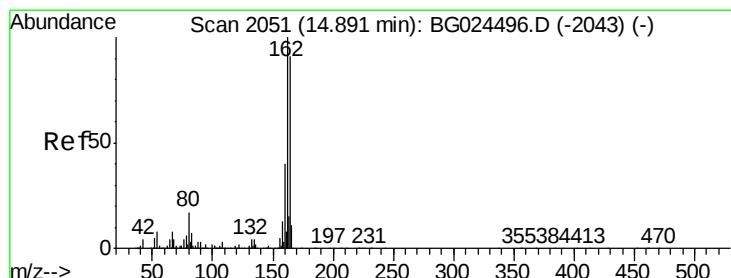
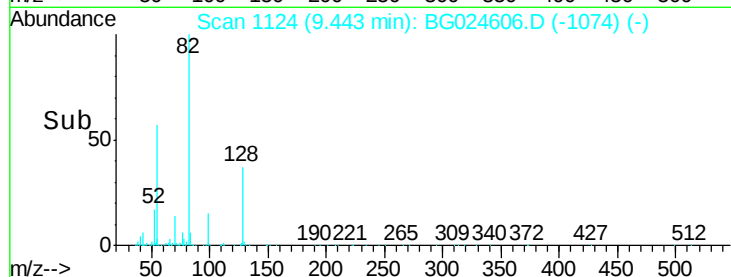
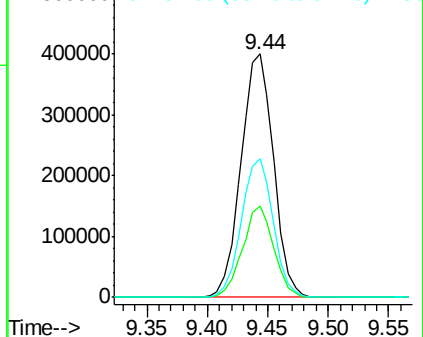
82 100

128 37.5 26.4 39.6

54 56.8 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024606.D

Acq: 1 Nov 2016 23:39

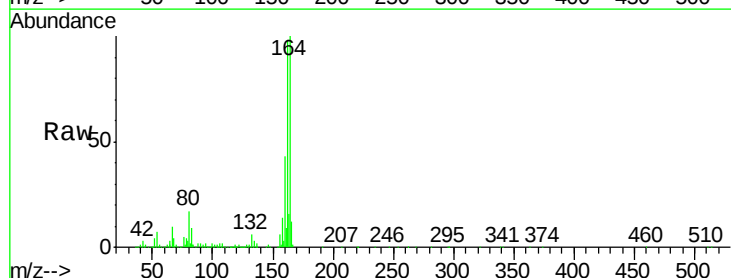
Tgt Ion: 164 Resp: 336653

Ion Ratio Lower Upper

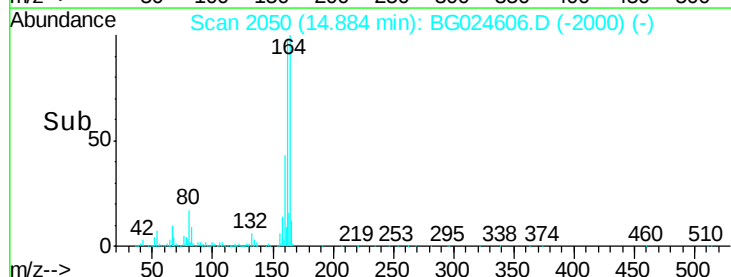
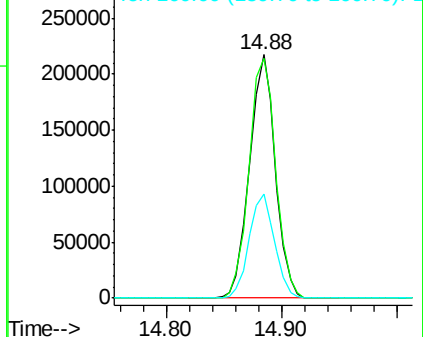
164 100

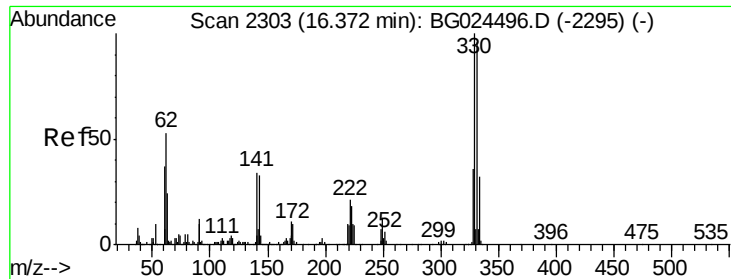
162 98.4 85.1 127.7

160 42.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

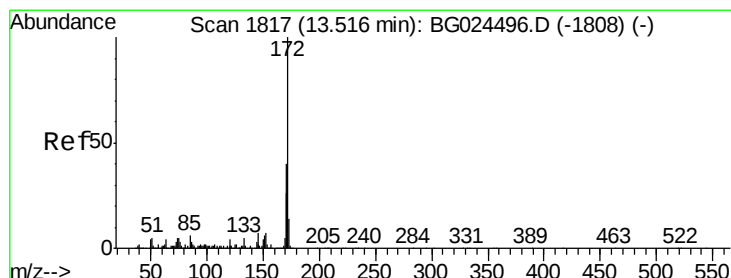
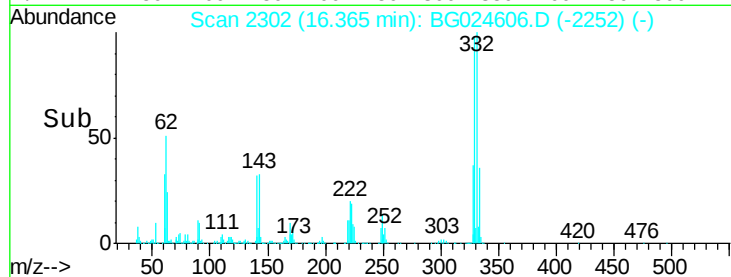
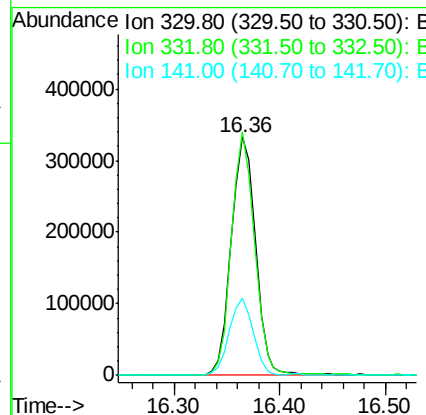
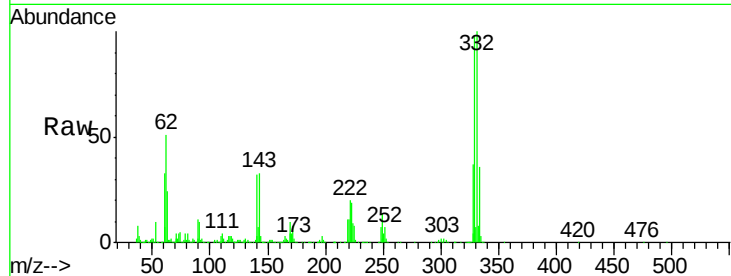




#41
 2,4,6-Tribromophenol
 Concen: 106.02 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024606.D
 Acq: 1 Nov 2016 23:39

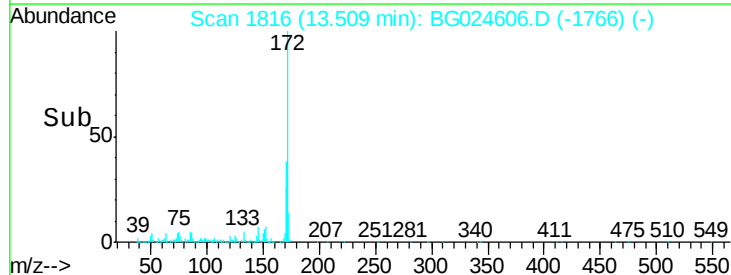
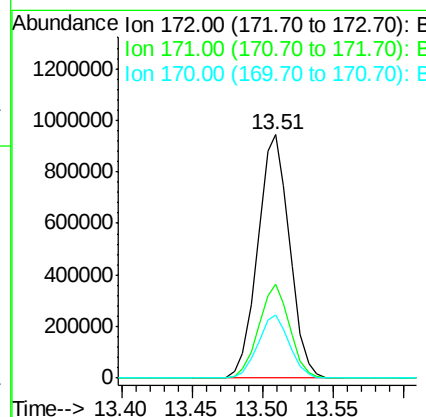
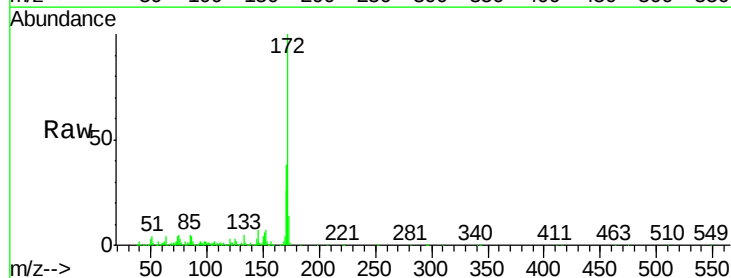
Instrument :
 BNA_G
 ClientSampleId :
 SB-68-0.5-1.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	31.9	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 73.57 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024606.D
 Acq: 1 Nov 2016 23:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	25.8	21.8	32.6





#49

Dimethylphthalate

Concen: 17.38 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024606.D

Acq: 1 Nov 2016 23:39

Instrument :

BNA_G

ClientSampleId :

SB-68-0.5-1.0

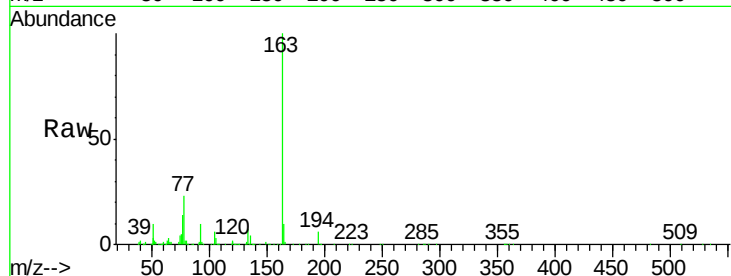
Tot Ion:163 Resp: 415448

Ion Ratio Lower Upper

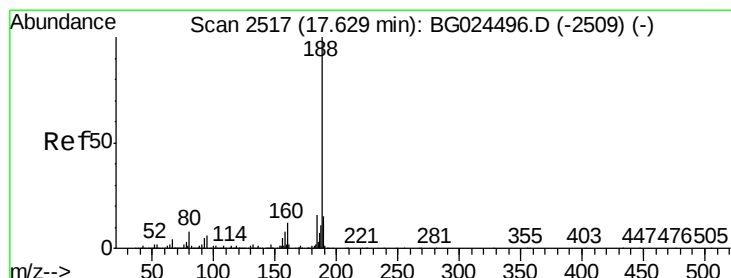
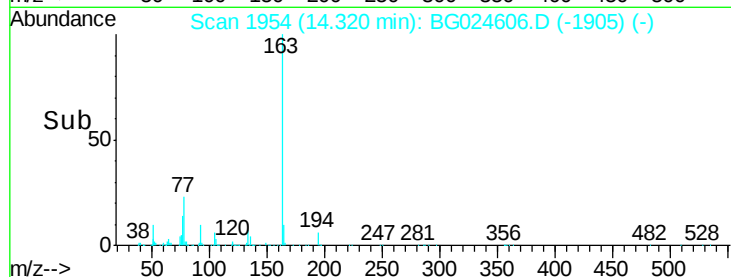
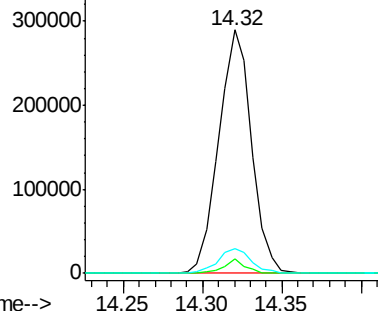
163 100

194 5.8 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: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024606.D

Acq: 1 Nov 2016 23:39

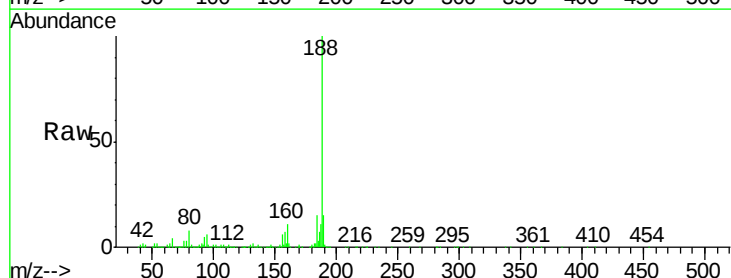
Tgt Ion:188 Resp: 756300

Ion Ratio Lower Upper

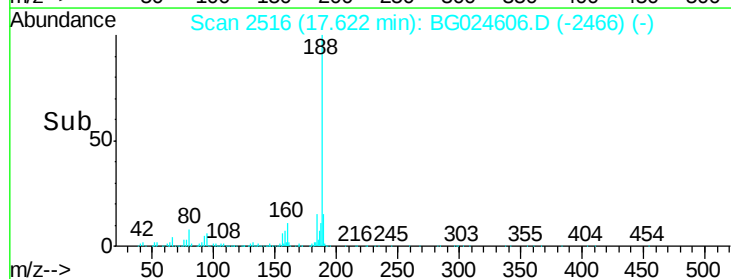
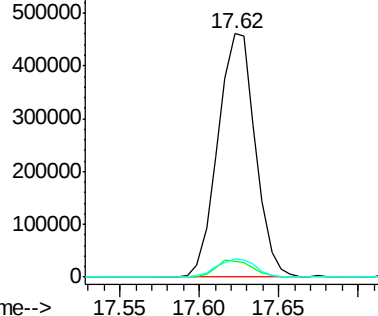
188 100

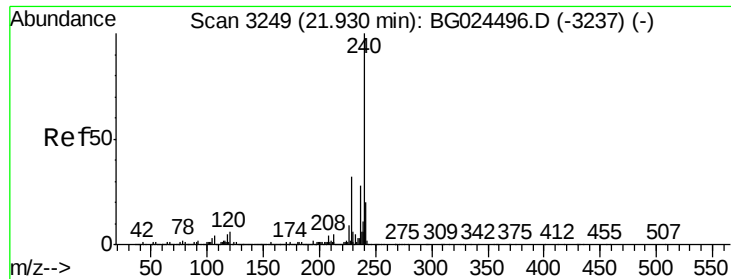
94 6.4 5.8 8.8

80 7.8 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

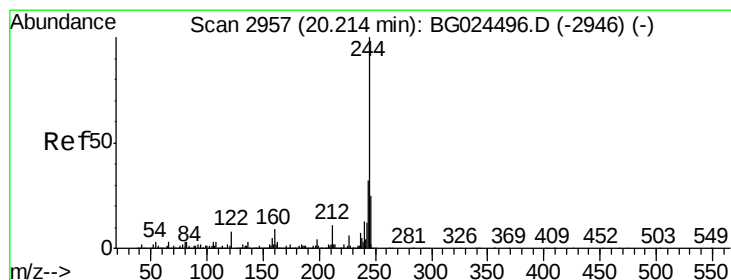
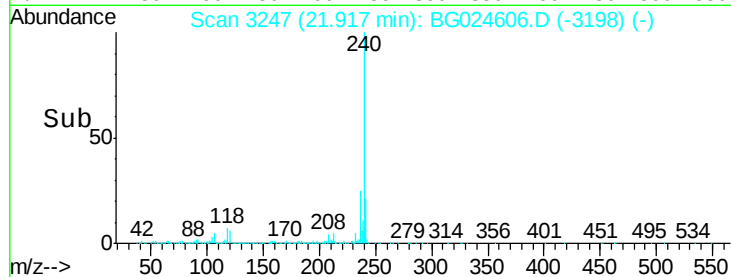
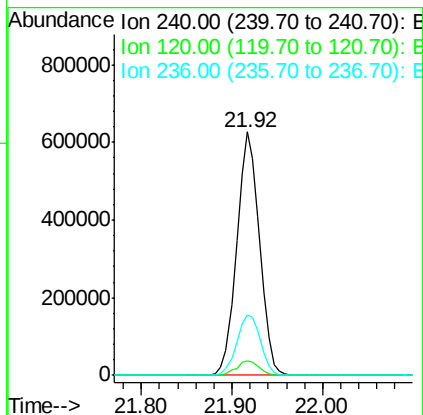
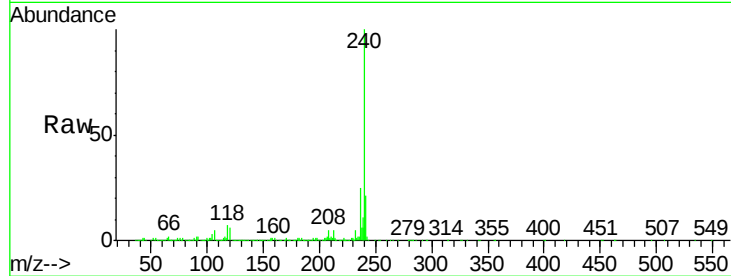




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG024606.D
 Acq: 1 Nov 2016 23:39

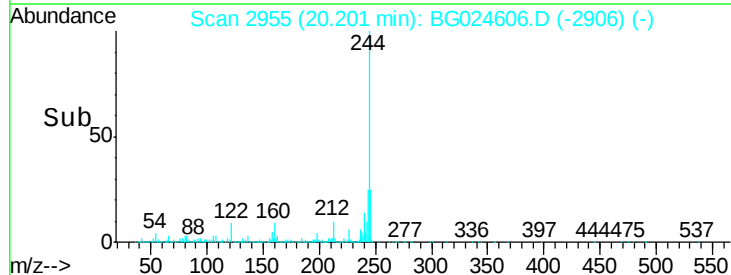
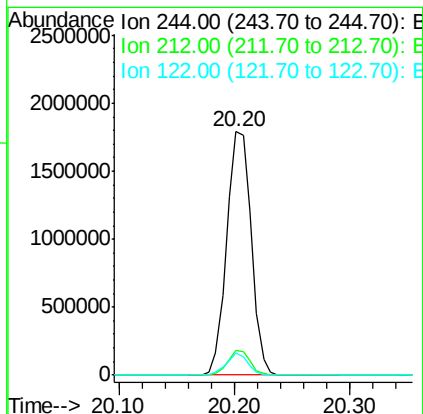
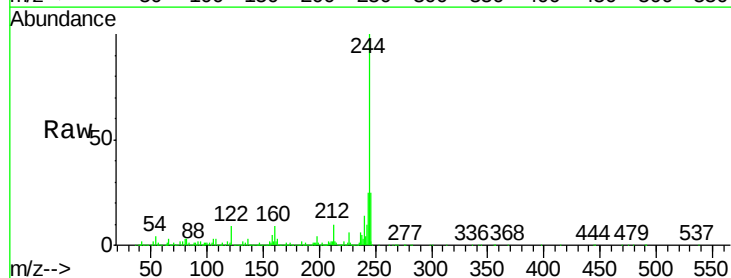
Instrument :
 BNA_G
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 SB-68-0.5-1.0

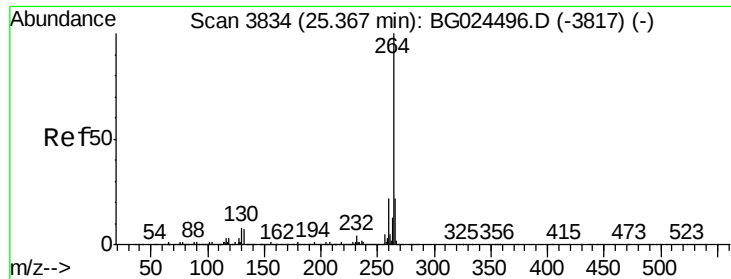
Tot Ion:240 Resp: 1089808
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.7 8.5
 236 25.1 22.2 33.4



#78
 Terphenyl-d14
 Concen: 72.31 ng
 RT: 20.20 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BG024606.D
 Acq: 1 Nov 2016 23:39

Tgt Ion:244 Resp: 2637108
 Ion Ratio Lower Upper
 244 100
 212 10.4 10.0 15.0
 122 9.1 8.6 12.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3831
 Delta R.T. -0.02 min
 Lab File: BG024606.D
 Acq: 1 Nov 2016 23:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-68-0.5-1.0

Tot Ion:264 Resp: 1131563

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	20.1	18.2	27.4

