

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024603.D
 Acq On : 1 Nov 2016 21:44
 Operator : UM/SJ
 Sample : H5489-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-0.5-1.0

Quant Time: Nov 02 03:20:44 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

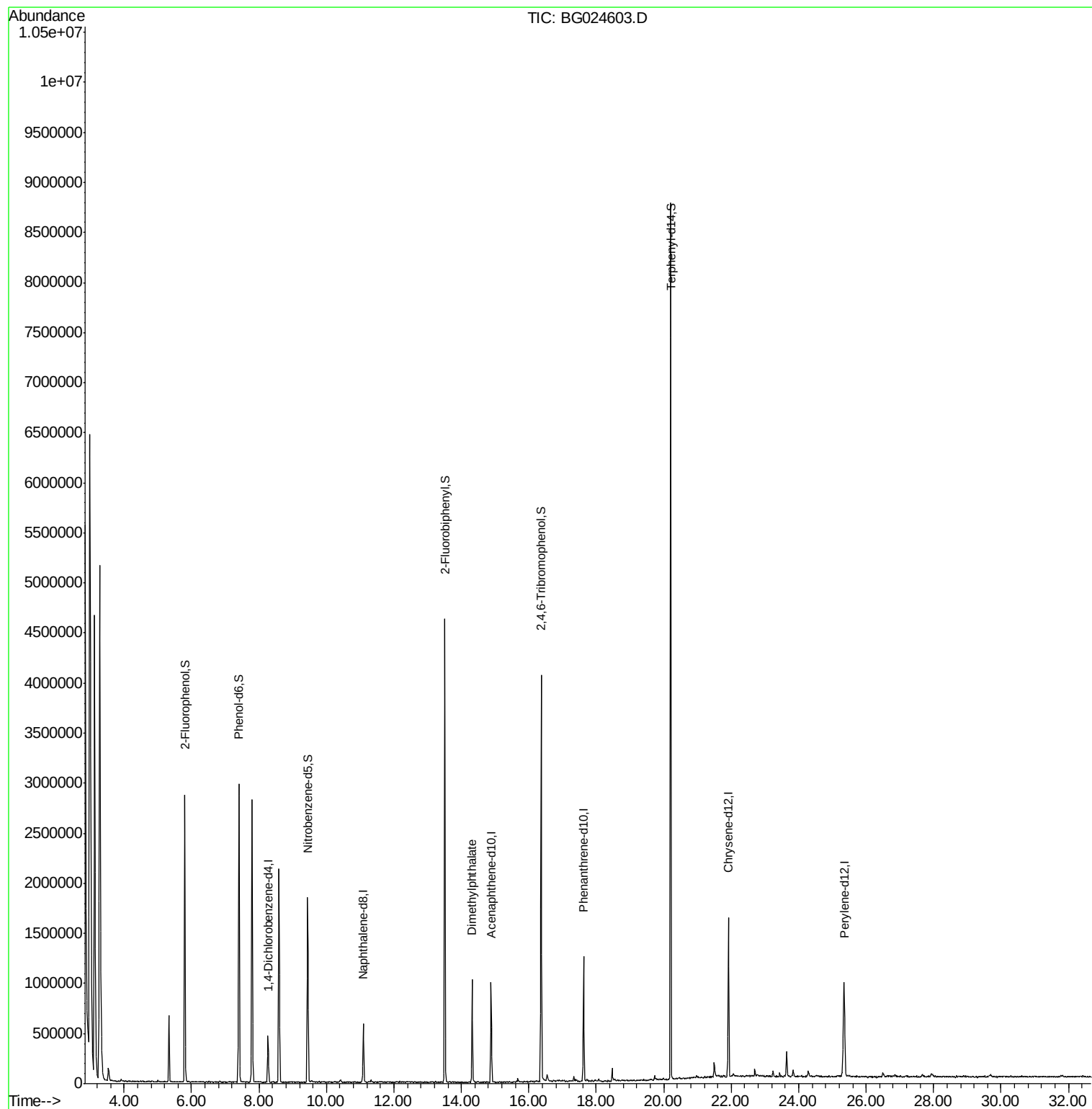
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	121171	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	469746	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	355815	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	782301	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1080542	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1137268	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1149932	155.54	ng	0.00
7) Phenol-d6	7.40	99	1648589	162.56	ng	0.00
23) Nitrobenzene-d5	9.44	82	1165134	112.93	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	848640	159.65	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2310683	107.94	ng	0.00
78) Terphenyl-d14	20.21	244	3477083	96.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	628254	24.87	ng	Qvalue 97

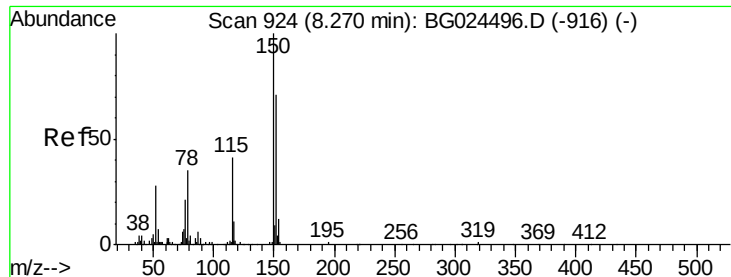
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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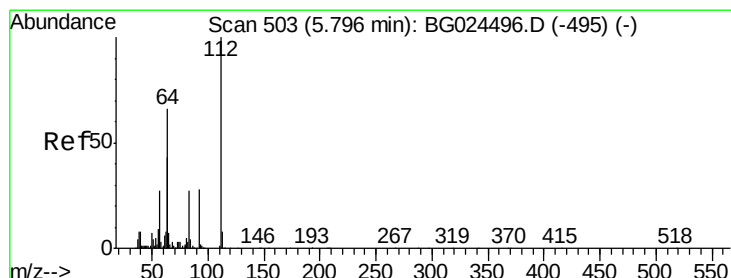
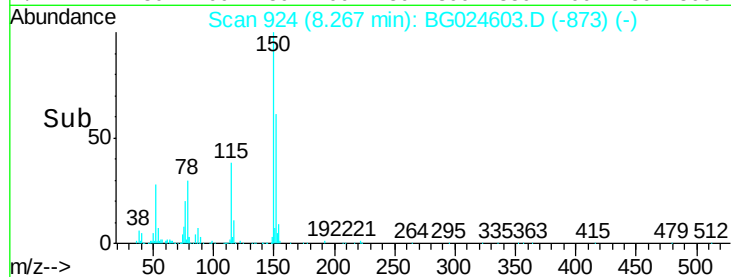
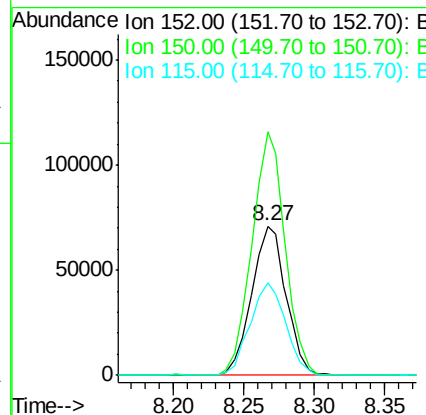
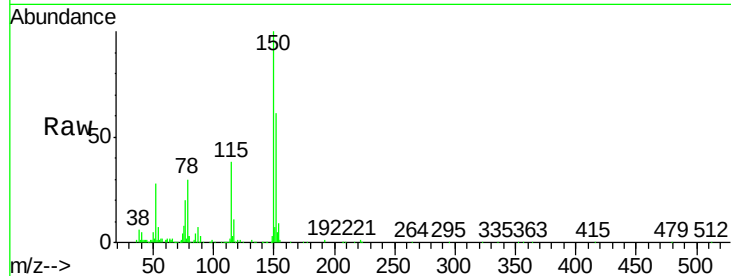


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024603.D
Acq: 1 Nov 2016 21:44

Instrument :
BNA_G
ClientSampleId :
SB-71-0.5-1.0

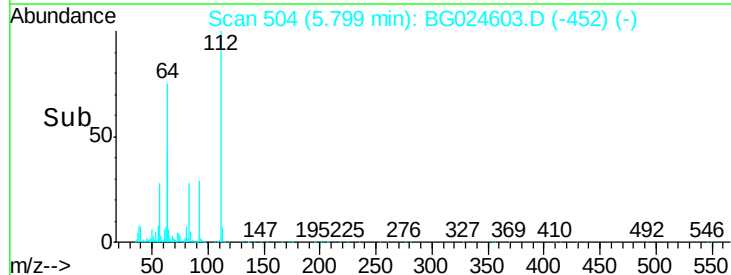
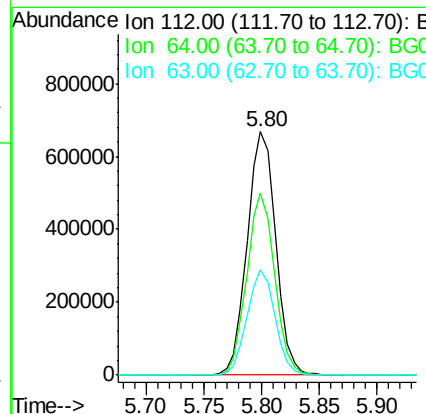
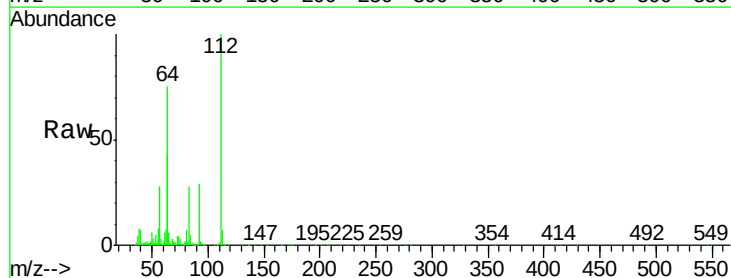
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	114.0	171.0
115	61.7	48.1	72.1

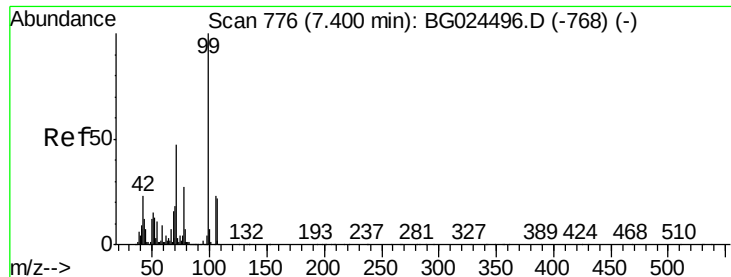


#5

2-Fluorophenol
Concen: 155.54 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024603.D
Acq: 1 Nov 2016 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	61.8	92.6
63	43.5	37.2	55.8





#7

Phenol-d6

Concen: 162.56 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024603.D

Acq: 1 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-71-0.5-1.0

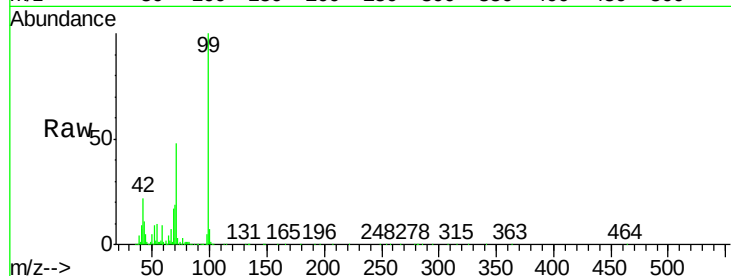
Tot Ion: 99 Resp: 1648589

Ion Ratio Lower Upper

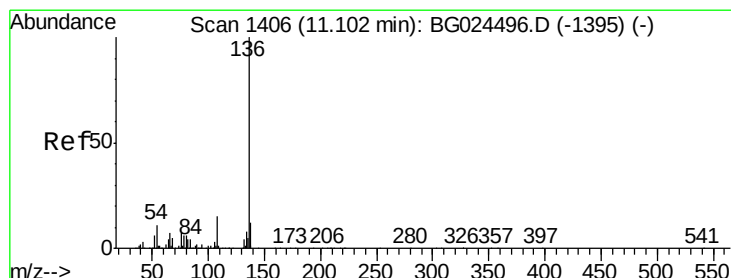
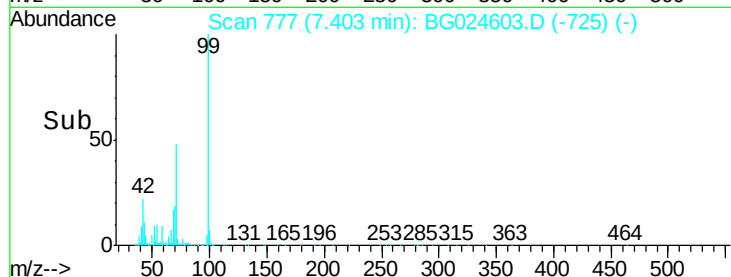
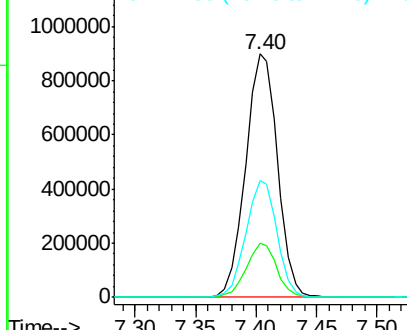
99 100

42 22.3 20.5 30.7

71 47.8 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: BG024603.D

Acq: 1 Nov 2016 21:44

Tgt Ion: 136 Resp: 469746

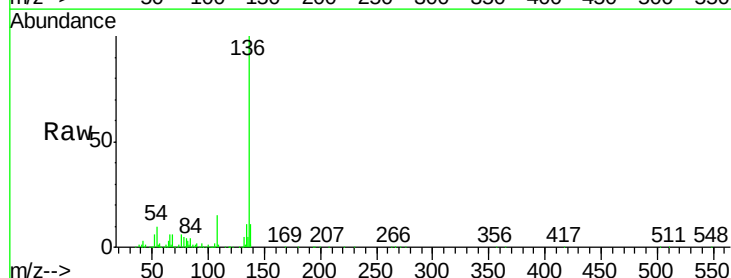
Ion Ratio Lower Upper

136 100

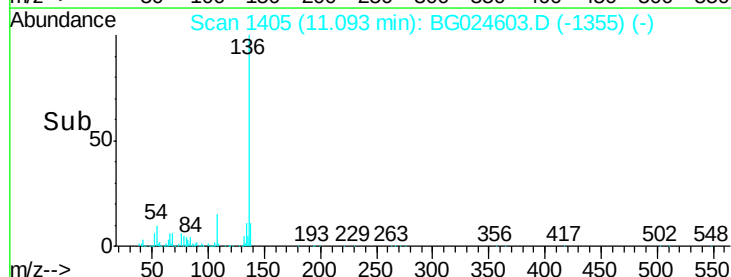
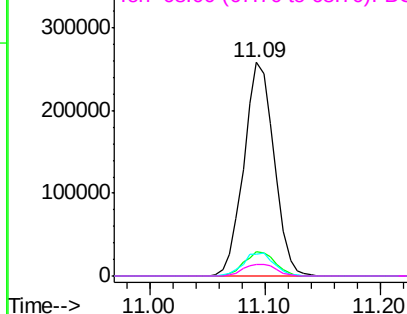
137 11.2 8.9 13.3

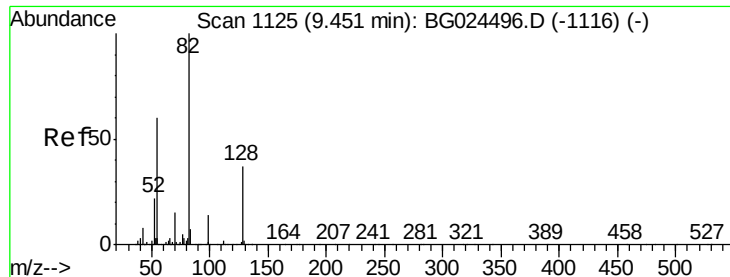
54 10.0 9.3 13.9

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



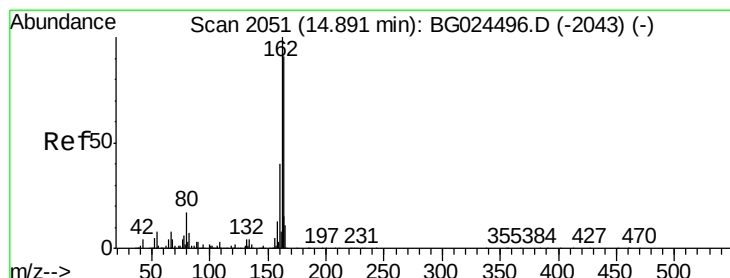
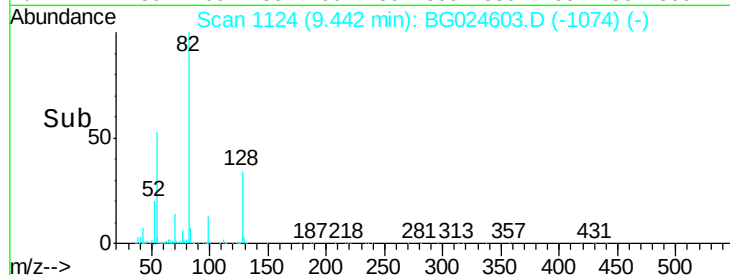
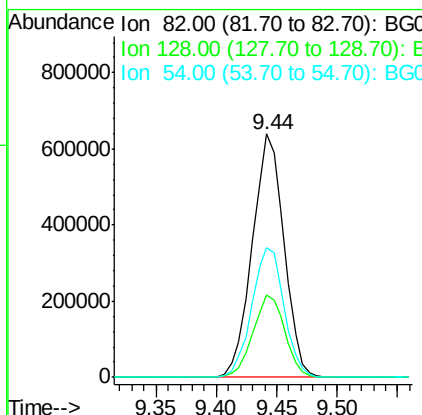
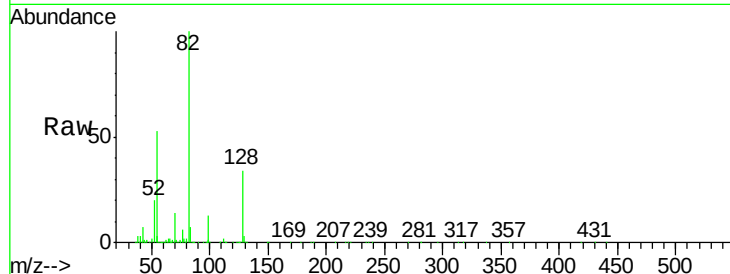


#23
 Nitrobenzene-d5
 Concen: 112.93 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024603.D
 Acq: 1 Nov 2016 21:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-0.5-1.0

Tot Ion: 82 Resp: 1165134

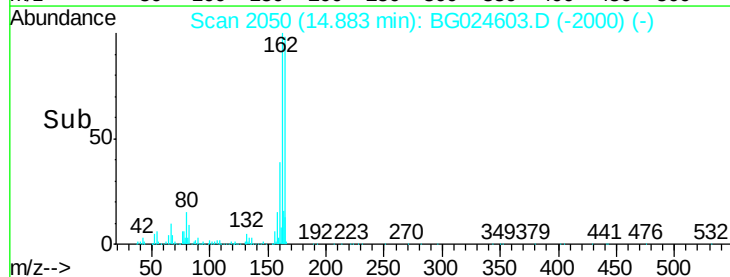
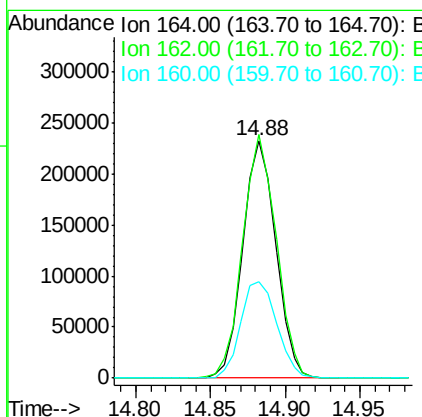
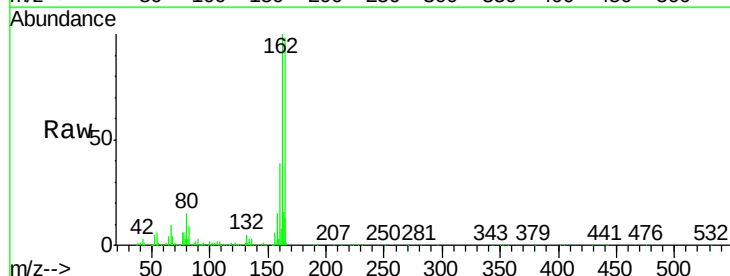
Ion	Ratio	Lower	Upper
82	100		
128	34.0	26.4	39.6
54	53.4	49.4	74.2

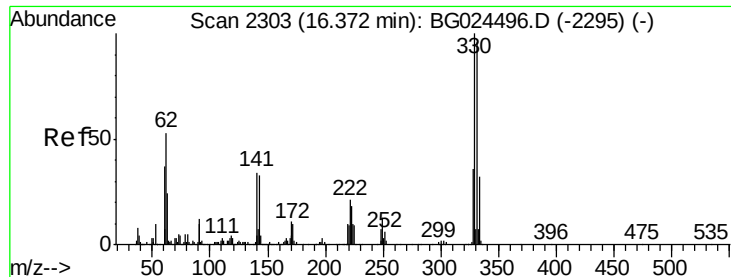


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024603.D
 Acq: 1 Nov 2016 21:44

Tgt Ion: 164 Resp: 355815

Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	40.4	34.7	52.1

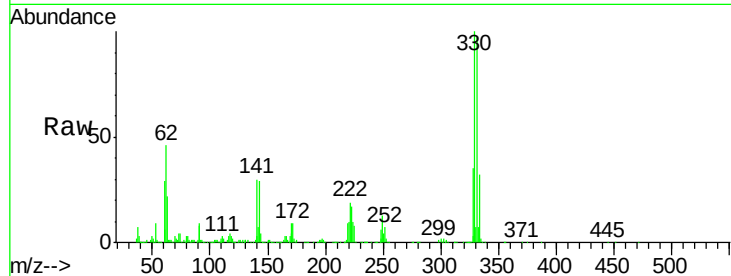




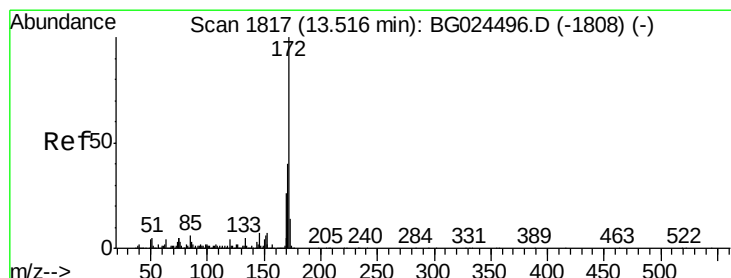
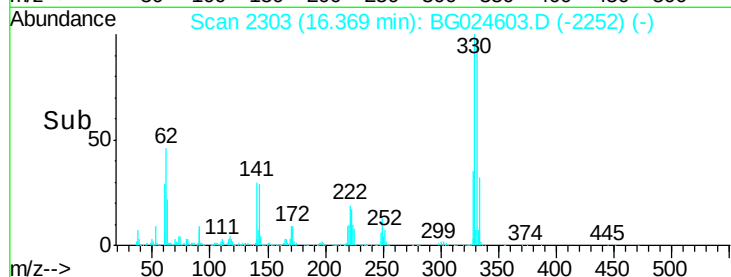
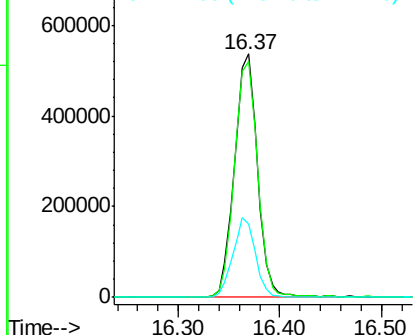
#41
2,4,6-Tribromophenol
Concen: 159.65 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024603.D
Acq: 1 Nov 2016 21:44

Instrument :
BNA_G
ClientSampleId :
SB-71-0.5-1.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	31.8	32.1	48.1#

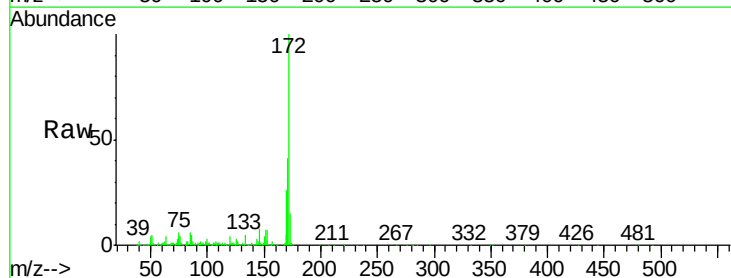


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

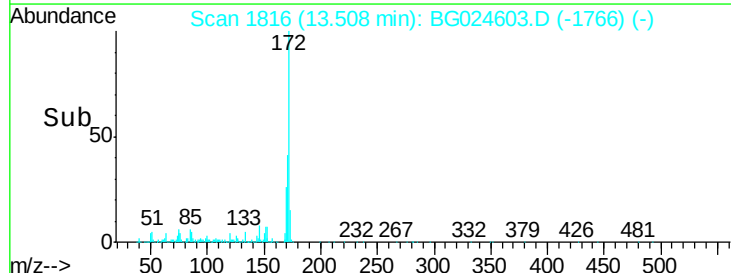
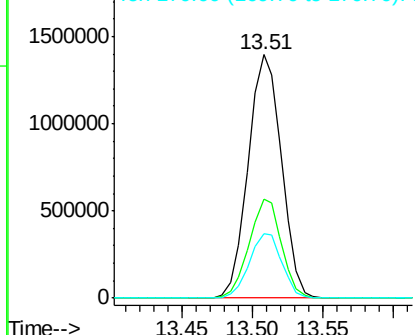


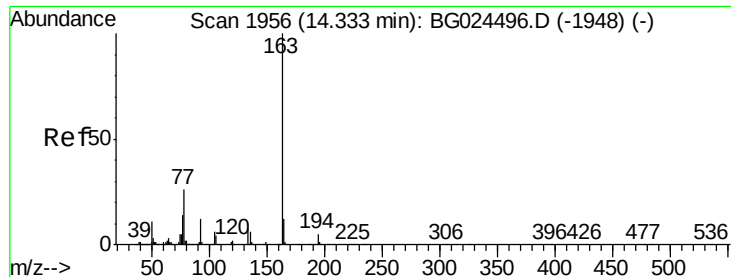
#44
2-Fluorobiphenyl
Concen: 107.94 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024603.D
Acq: 1 Nov 2016 21:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	32.2	48.2
170	26.4	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: 24.87 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024603.D

Acq: 1 Nov 2016 21:44

Instrument :

BNA_G

ClientSampleId :

SB-71-0.5-1.0

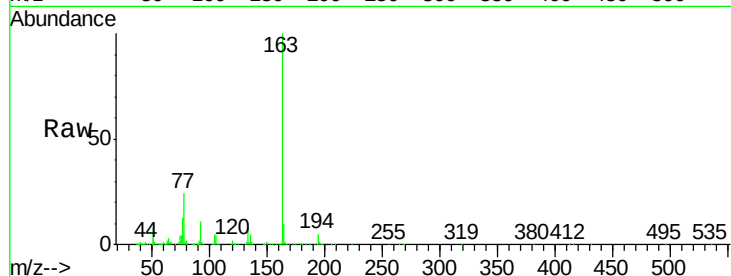
Tot Ion:163 Resp: 628254

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

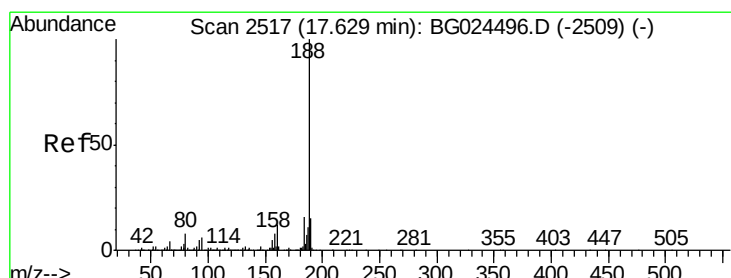
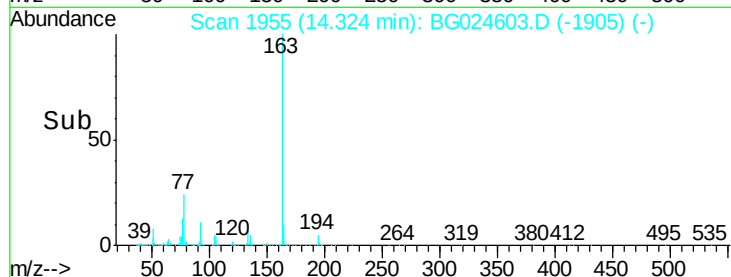
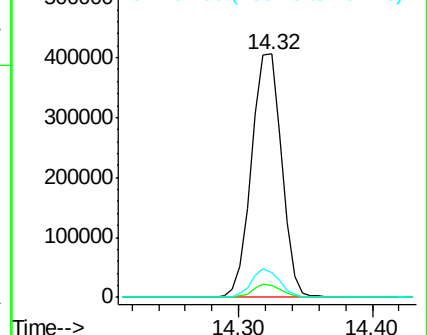
164 9.9 9.3 13.9



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: BG024603.D

Acq: 1 Nov 2016 21:44

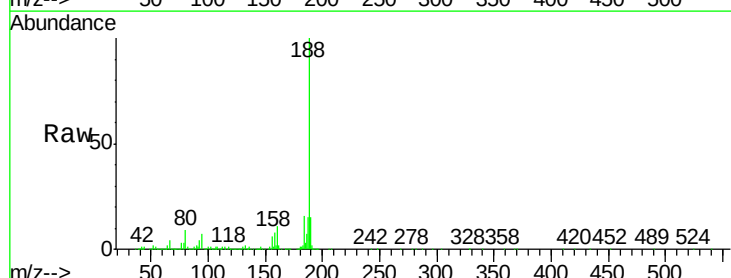
Tgt Ion:188 Resp: 782301

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.8

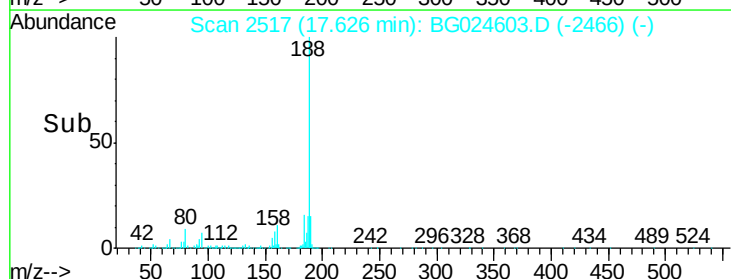
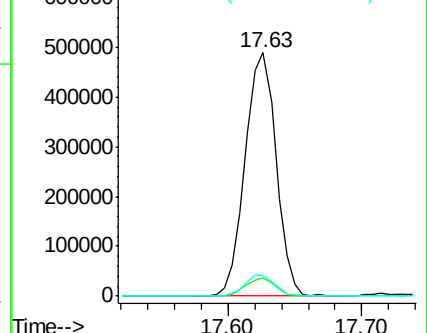
80 8.8 7.5 11.3

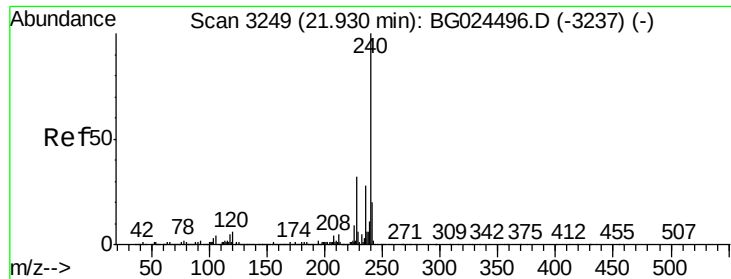


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

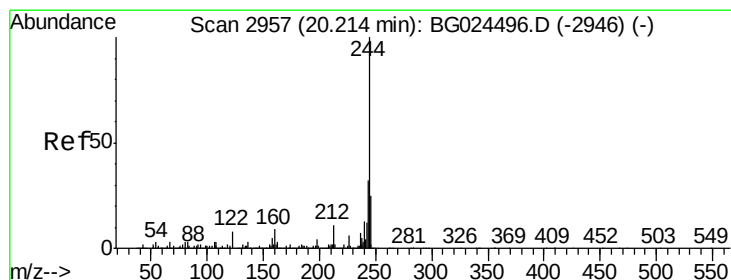
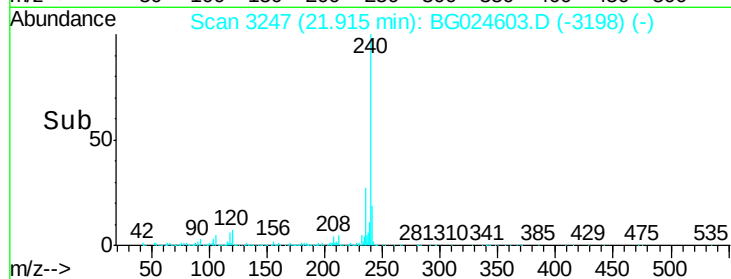
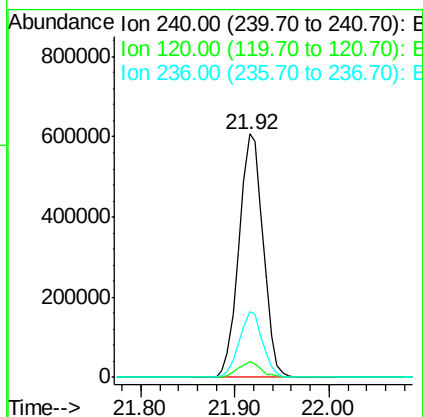
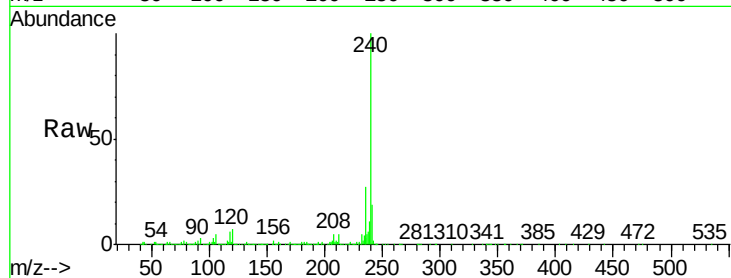




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024603.D
Acq: 1 Nov 2016 21:44

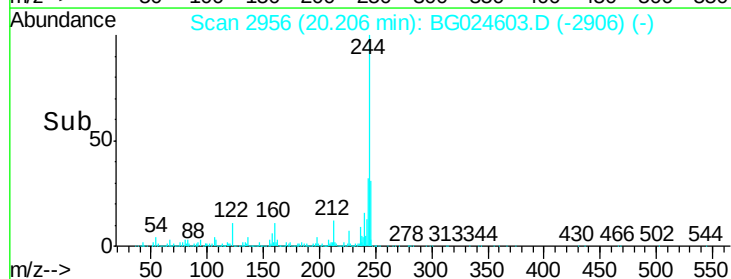
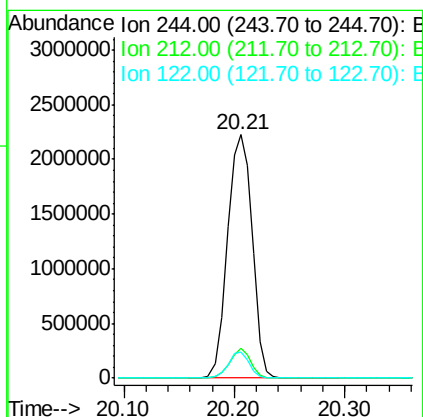
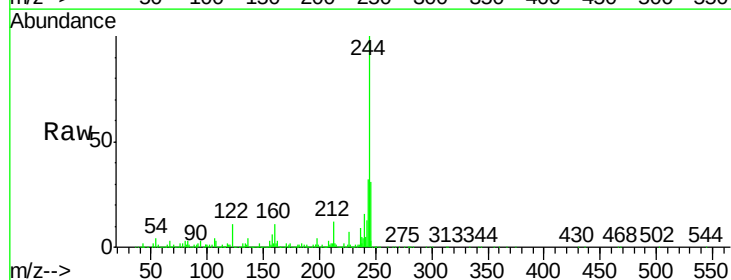
Instrument :
BNA_G
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SB-71-0.5-1.0

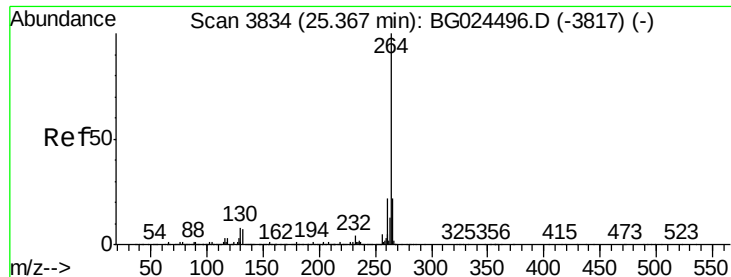
Tot Ion:240 Resp: 1080542
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 27.2 22.2 33.4



#78
Terphenyl-d14
Concen: 96.15 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024603.D
Acq: 1 Nov 2016 21:44

Tgt Ion:244 Resp: 3477083
Ion Ratio Lower Upper
244 100
212 12.3 10.0 15.0
122 10.5 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: BG024603.D
 Acq: 1 Nov 2016 21:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-0.5-1.0

Tot Ion:264 Resp: 1137268

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	20.6	18.2	27.4

