

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024605.D
 Acq On : 1 Nov 2016 23:01
 Operator : UM/SJ
 Sample : H5489-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-13.5-14

Quant Time: Nov 02 02:22:09 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

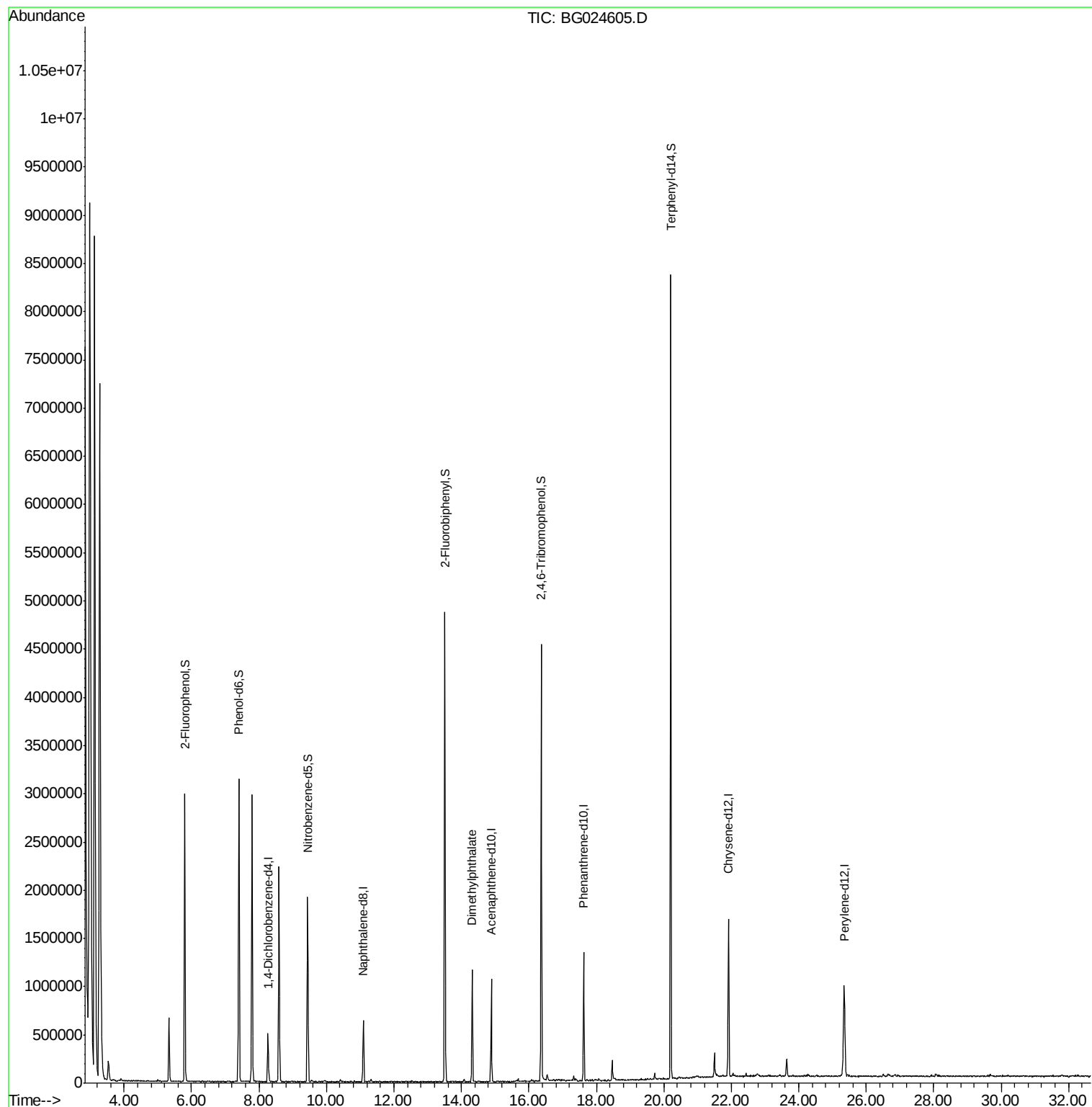
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	130187	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	521688	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	387175	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	846441	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1083916	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1126438	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1189833	149.79	ng	0.00
7) Phenol-d6	7.41	99	1719827	157.84	ng	0.00
23) Nitrobenzene-d5	9.44	82	1196453	104.42	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	902141	155.97	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2441388	104.81	ng	0.00
78) Terphenyl-d14	20.21	244	3349796	92.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	733298	26.68	ng	Qvalue 98

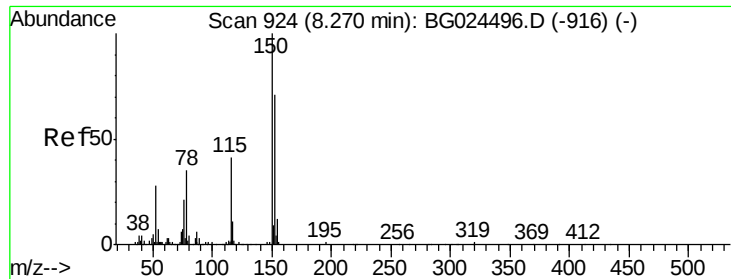
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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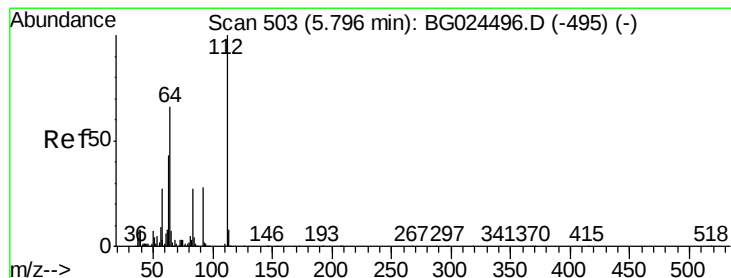
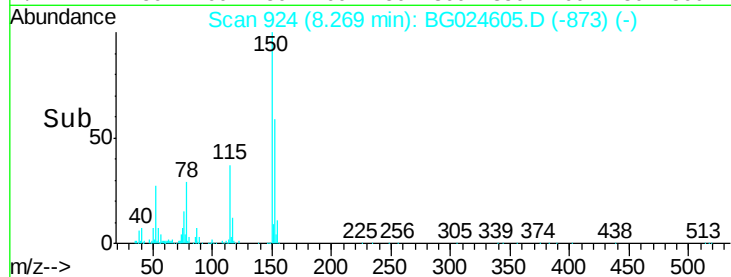
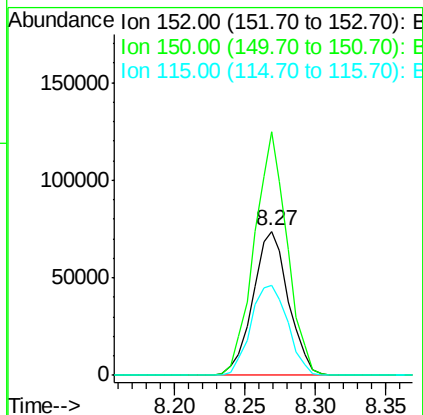
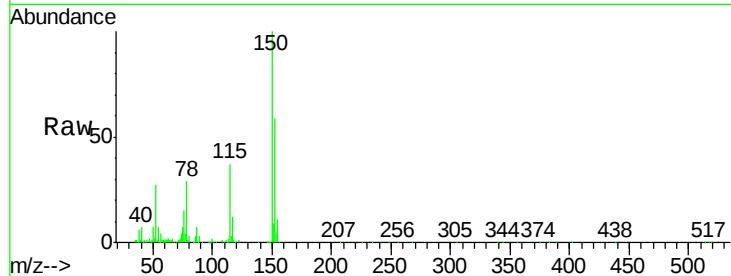


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG024605.D
 Acq: 1 Nov 2016 23:01

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-13.5-14

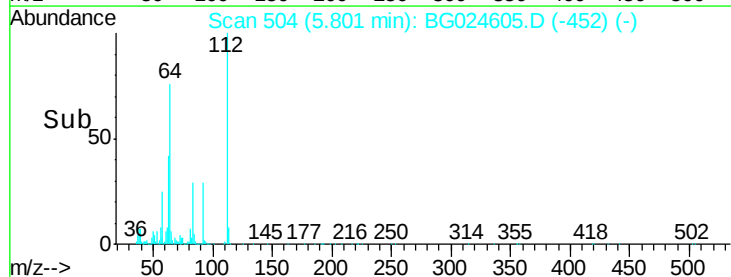
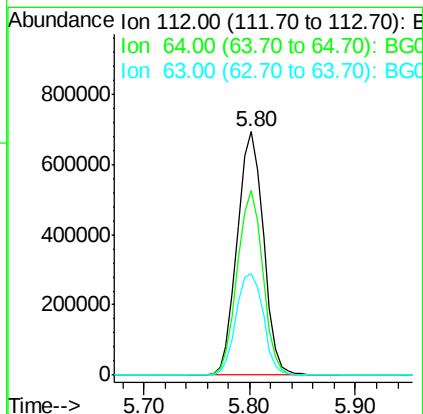
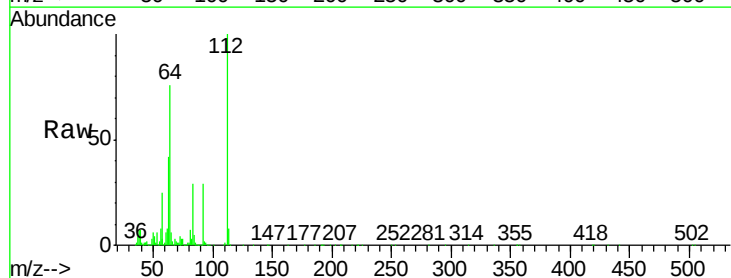
Tgt Ion	Ratio	Lower	Upper
152	100		
150	169.3	114.0	171.0
115	63.0	48.1	72.1

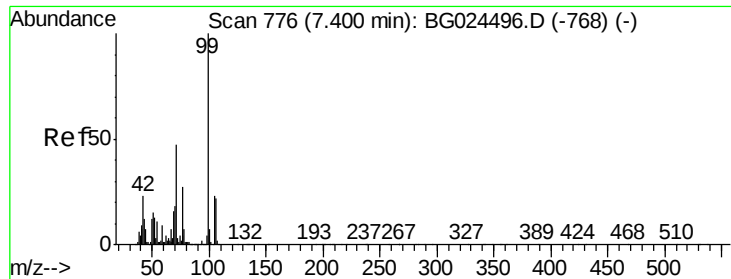


#5

2-Fluorophenol
 Concen: 149.79 ng
 RT: 5.80 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: BG024605.D
 Acq: 1 Nov 2016 23:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	61.8	92.6
63	41.8	37.2	55.8





#7

Phenol-d6

Concen: 157.84 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024605.D

Acq: 1 Nov 2016 23:01

Instrument :

BNA_G

ClientSampleId :

SB-71-13.5-14

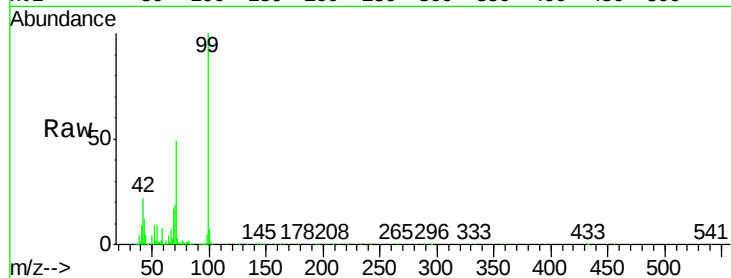
Tgt Ion: 99 Resp: 1719827

Ion Ratio Lower Upper

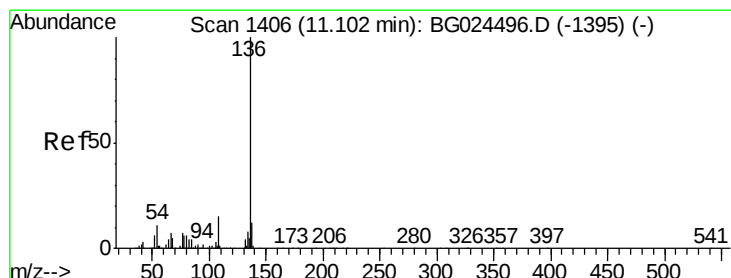
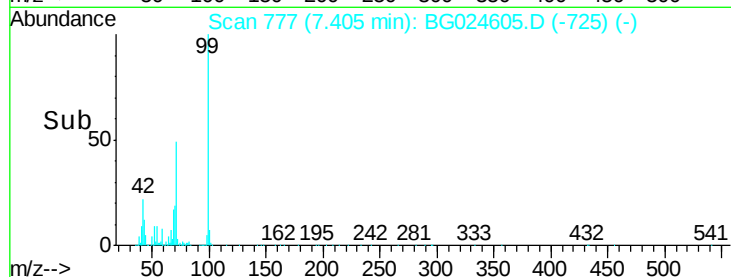
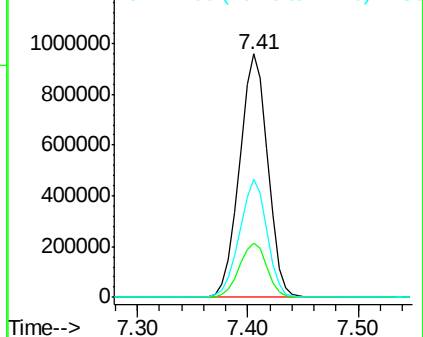
99 100

42 22.5 20.5 30.7

71 48.6 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: BG024605.D

Acq: 1 Nov 2016 23:01

Tgt Ion: 136 Resp: 521688

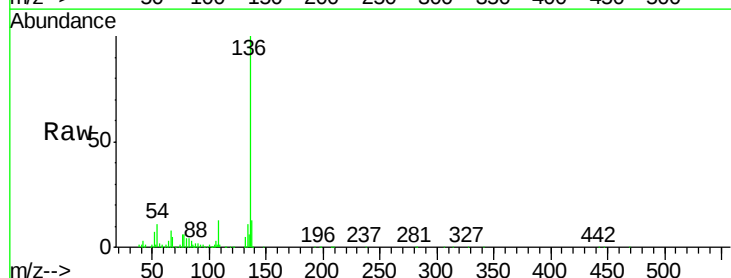
Ion Ratio Lower Upper

136 100

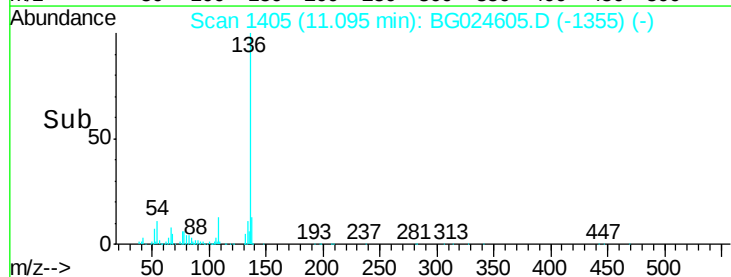
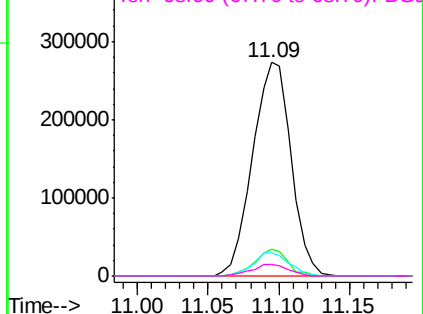
137 12.6 8.9 13.3

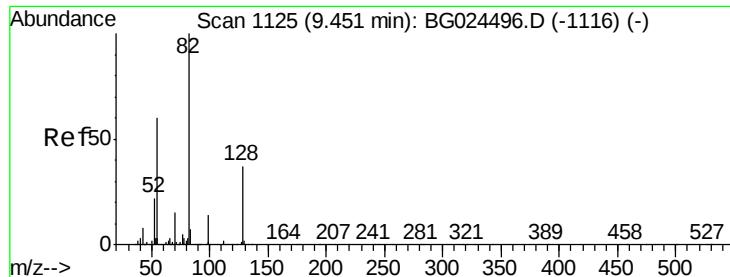
54 11.0 9.3 13.9

68 5.4 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: 104.42 ng

RT: 9.44 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG024605.D

Acq: 1 Nov 2016 23:01

Instrument :

BNA_G

ClientSampleId :

SB-71-13.5-14

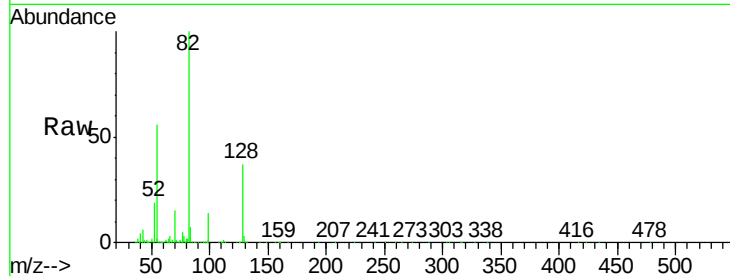
Tgt Ion: 82 Resp: 1196453

Ion Ratio Lower Upper

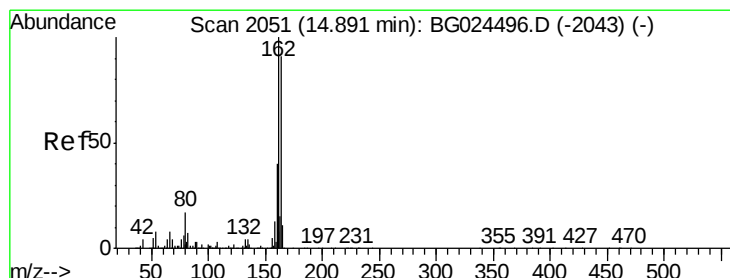
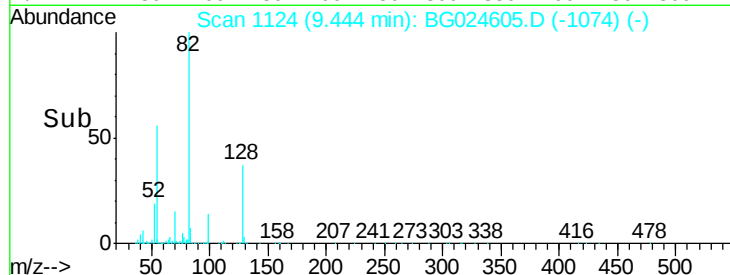
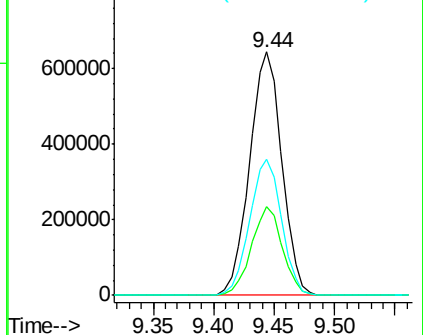
82 100

128 36.5 26.4 39.6

54 56.1 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: BG024605.D

Acq: 1 Nov 2016 23:01

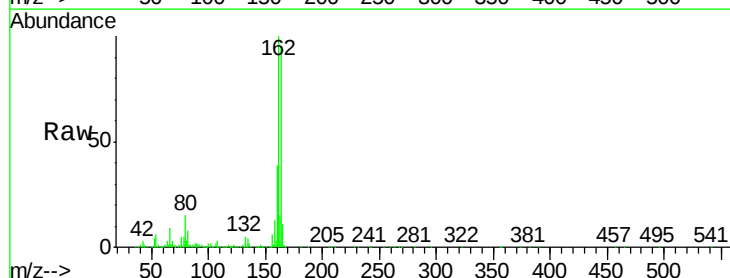
Tgt Ion: 164 Resp: 387175

Ion Ratio Lower Upper

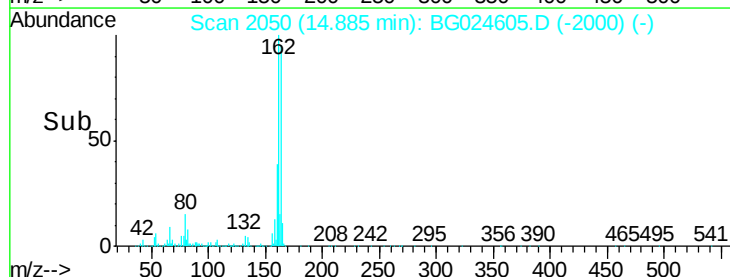
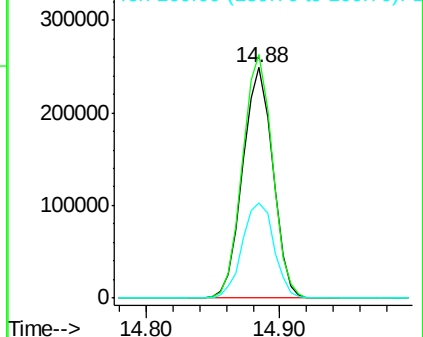
164 100

162 105.6 85.1 127.7

160 41.2 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

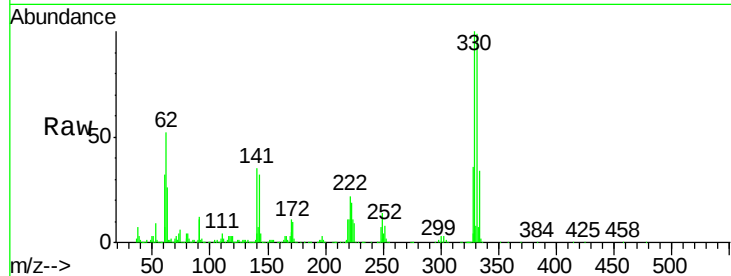




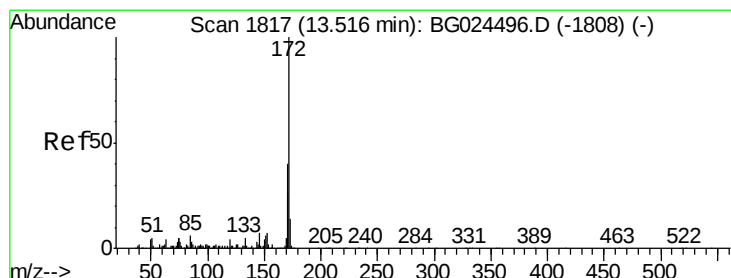
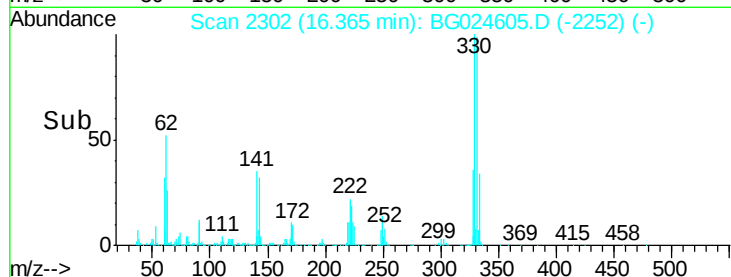
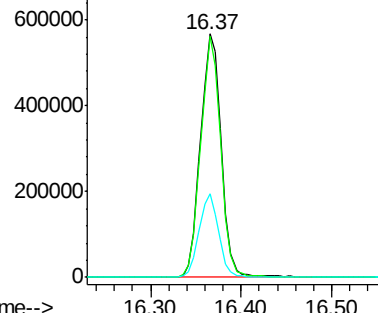
#41
2,4,6-Tribromophenol
Concen: 155.97 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024605.D
Acq: 1 Nov 2016 23:01

Instrument :
BNA_G
ClientSampleId :
SB-71-13.5-14

Tgt Ion:330 Resp: 902141
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 32.4 32.1 48.1

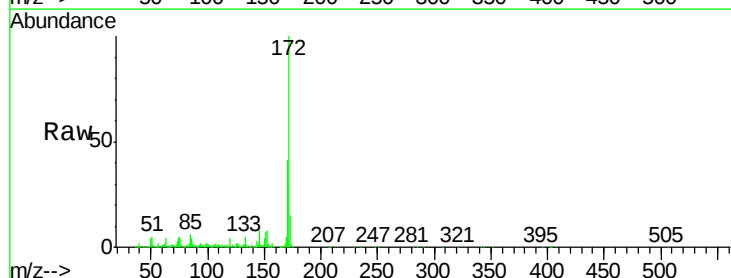


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

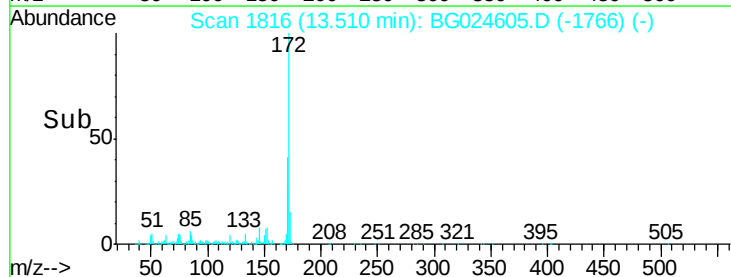
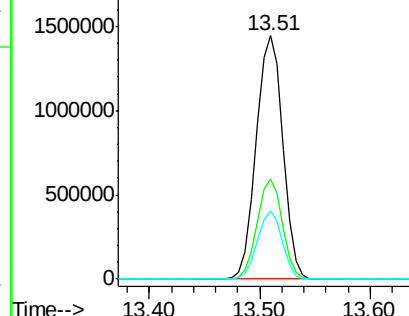


#44
2-Fluorobiphenyl
Concen: 104.81 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024605.D
Acq: 1 Nov 2016 23:01

Tgt Ion:172 Resp: 2441388
Ion Ratio Lower Upper
172 100
171 41.1 32.2 48.2
170 28.3 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: 26.68 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024605.D

Acq: 1 Nov 2016 23:01

Instrument :

BNA_G

ClientSampleId :

SB-71-13.5-14

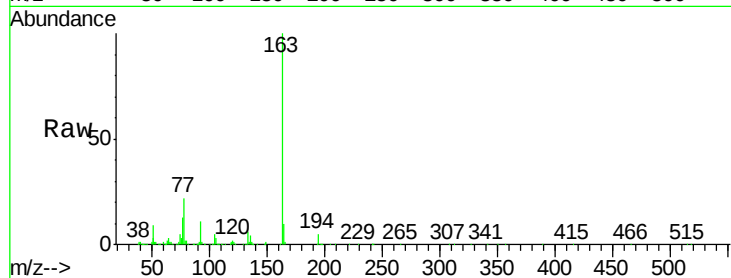
Tgt Ion:163 Resp: 733298

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

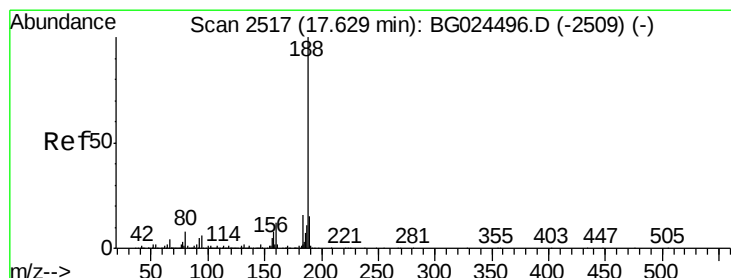
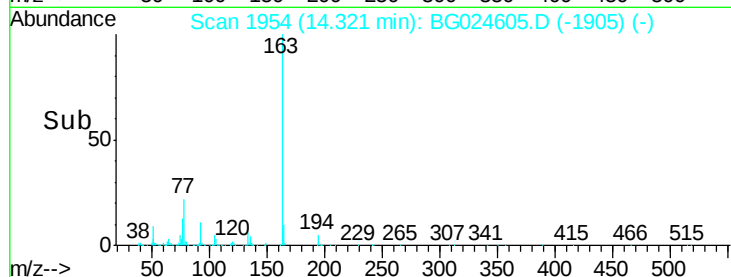
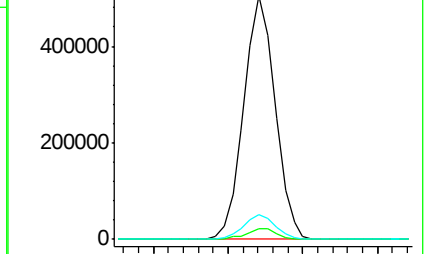
164 10.3 9.3 13.9



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: BG024605.D

Acq: 1 Nov 2016 23:01

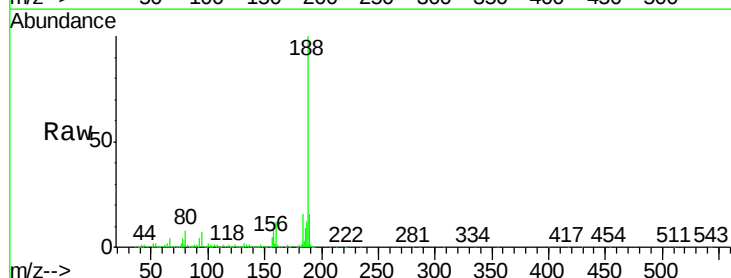
Tgt Ion:188 Resp: 846441

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

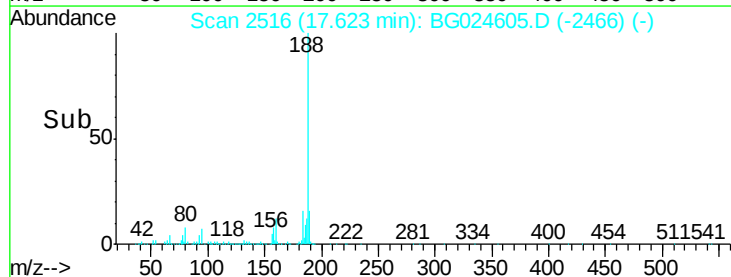
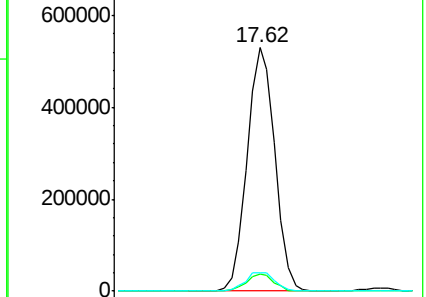
80 7.6 7.5 11.3

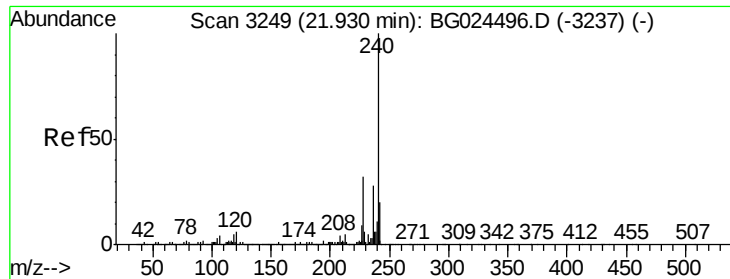


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

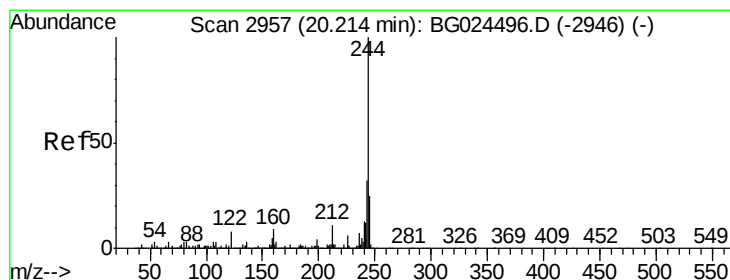
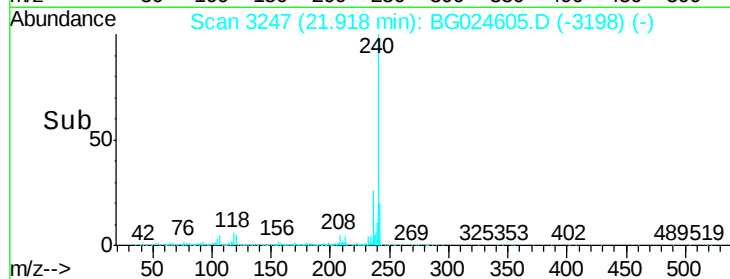
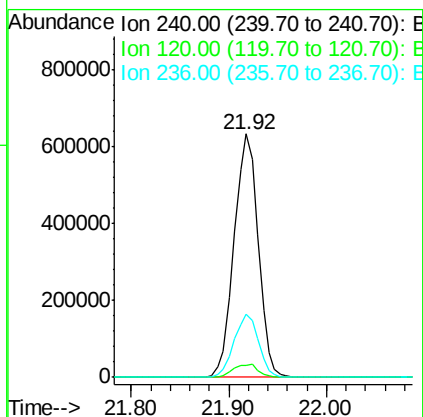
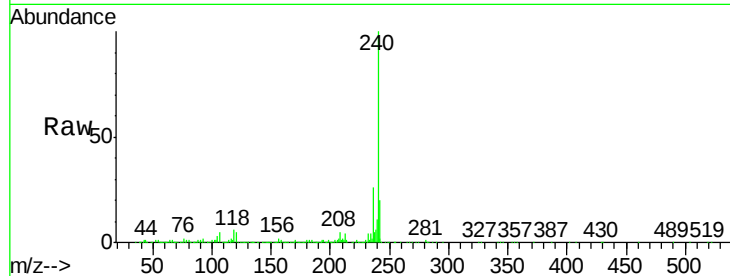




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024605.D
Acq: 1 Nov 2016 23:01

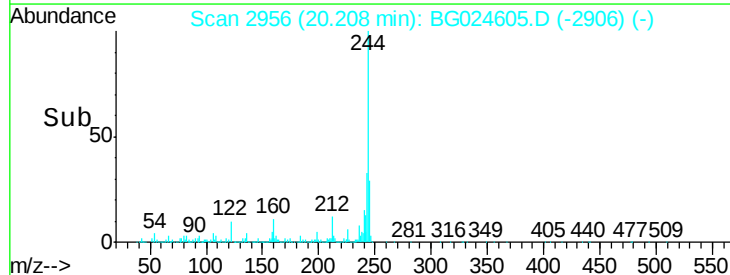
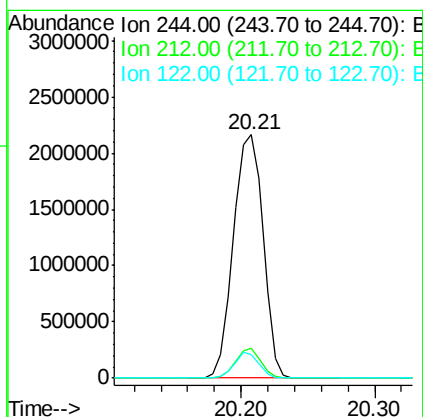
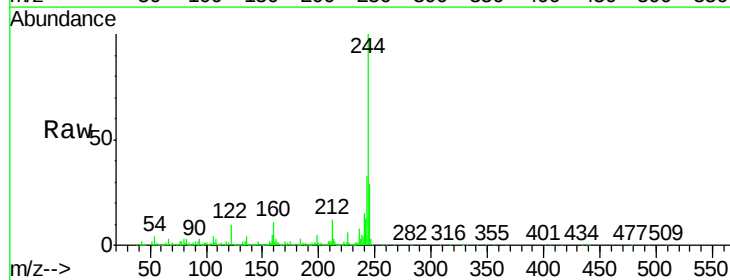
Instrument :
BNA_G
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SB-71-13.5-14

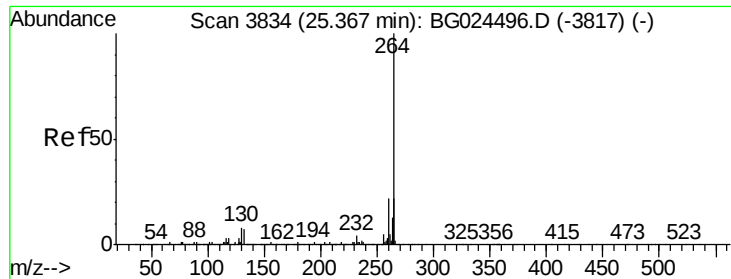
Tgt Ion:240 Resp: 1083916
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 25.9 22.2 33.4



#78
Terphenyl-d14
Concen: 92.35 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024605.D
Acq: 1 Nov 2016 23:01

Tgt Ion:244 Resp: 3349796
Ion Ratio Lower Upper
244 100
212 12.0 10.0 15.0
122 9.7 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BG024605.D
Acq: 1 Nov 2016 23:01

Instrument :
BNA_G
ClientSampleId :
SB-71-13.5-14

Tgt Ion:264 Resp: 1126438

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	21.7	18.2	27.4

