

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024698.D
 Acq On : 5 Nov 2016 5:39
 Operator : UM/SJ
 Sample : H5531-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0016

Quant Time: Nov 05 05:36:07 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

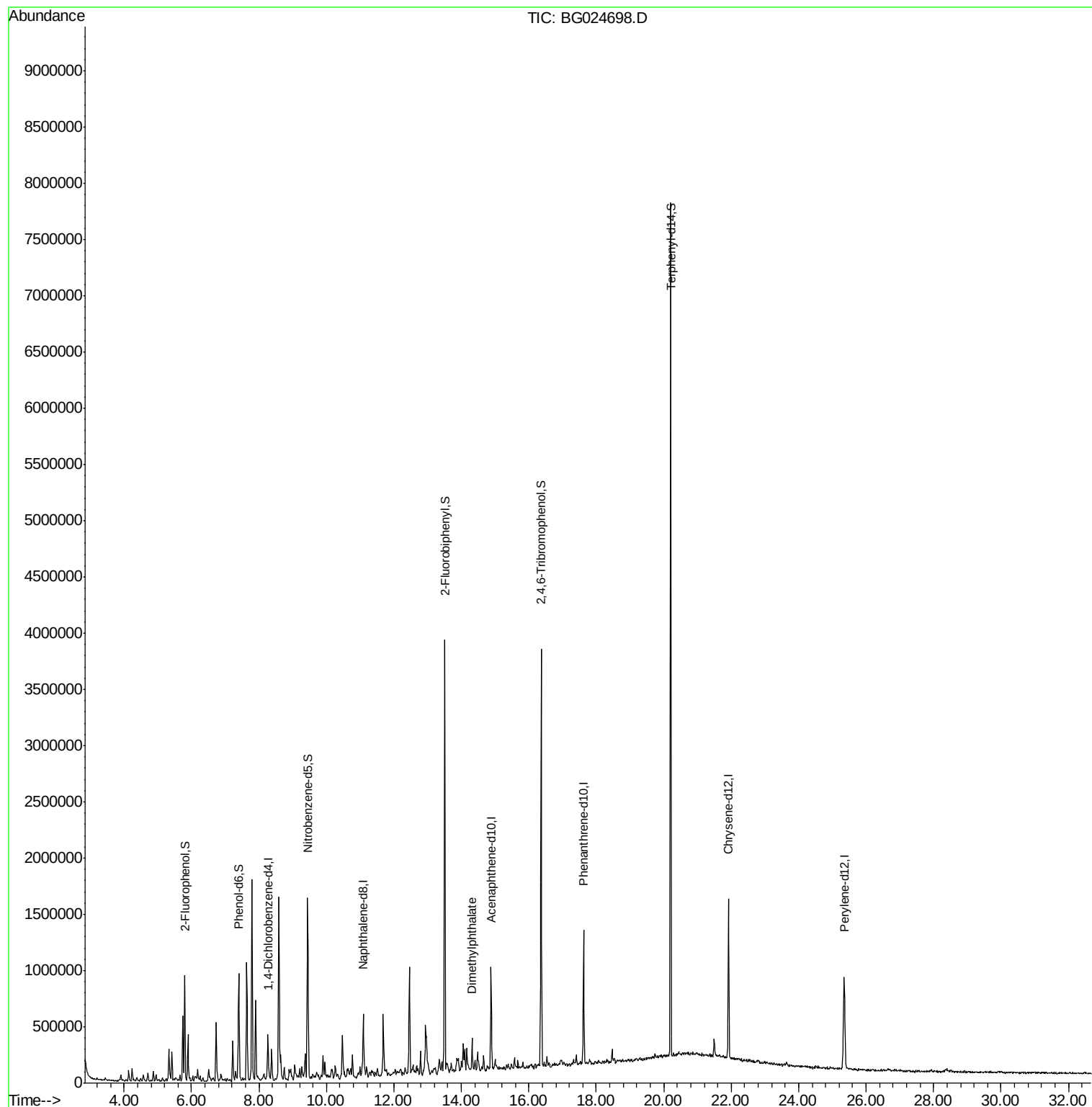
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	103442	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	439805	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	350118	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	758134	20.00	ng	0.00
75) Chrysene-d12	21.92	240	978984	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1020893	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	388395	61.54	ng	0.00
7) Phenol-d6	7.40	99	339439	39.21	ng	0.00
23) Nitrobenzene-d5	9.44	82	927323	96.00	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	774861	148.14	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1892828	89.86	ng	0.00
78) Terphenyl-d14	20.21	244	3090593	94.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	178105	7.17	ng	Qvalue 97

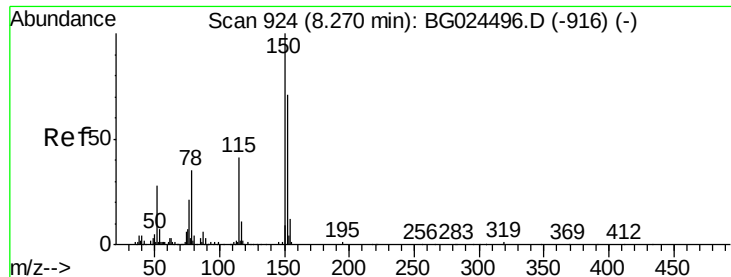
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024698.D

Acq: 5 Nov 2016 5:39

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S22-0016

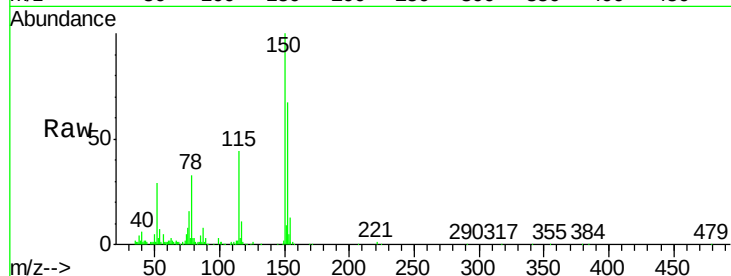
Tot Ion:152 Resp: 103442

Ion Ratio Lower Upper

152 100

150 149.5 114.0 171.0

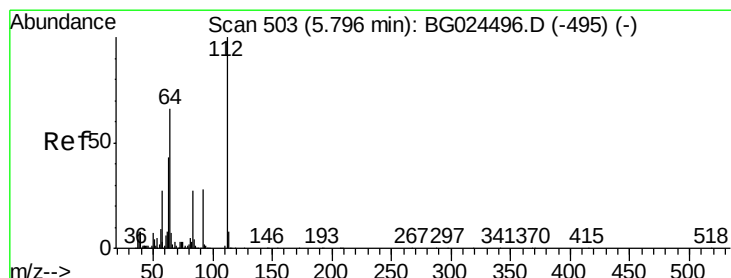
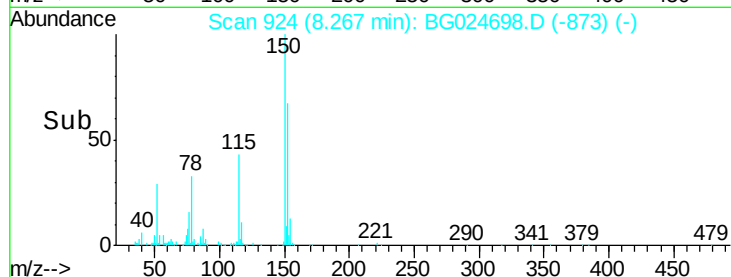
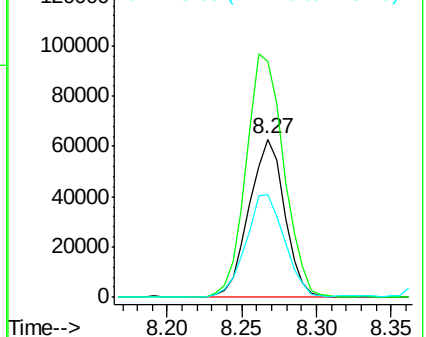
115 65.3 48.1 72.1



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: 61.54 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024698.D

Acq: 5 Nov 2016 5:39

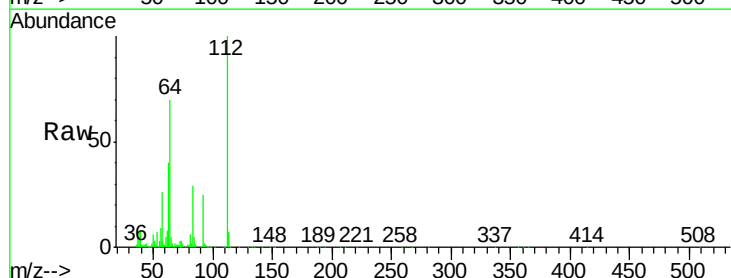
Tgt Ion:112 Resp: 388395

Ion Ratio Lower Upper

112 100

64 69.9 61.8 92.6

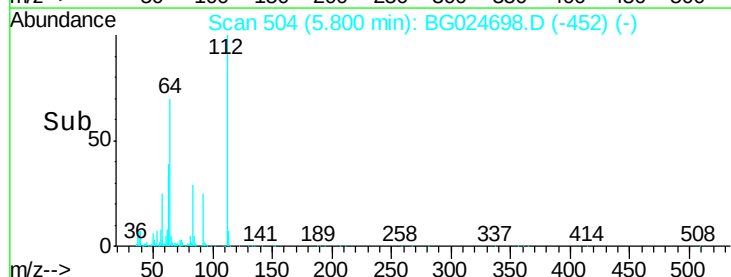
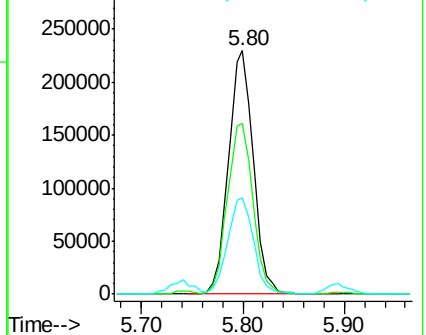
63 39.5 37.2 55.8

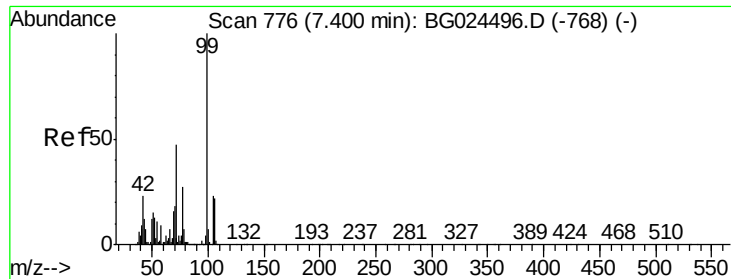


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.21 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024698.D

Acq: 5 Nov 2016 5:39

Instrument :

BNA_G

ClientSampleId :

S22-0016

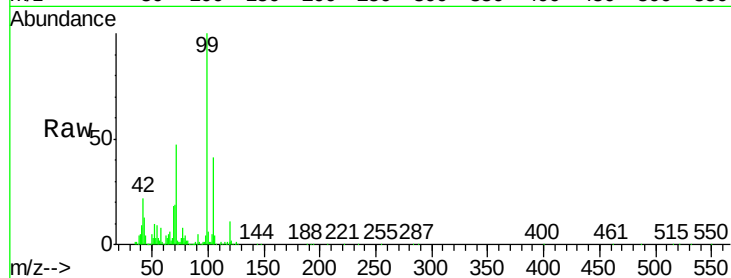
Tot Ion: 99 Resp: 339439

Ion Ratio Lower Upper

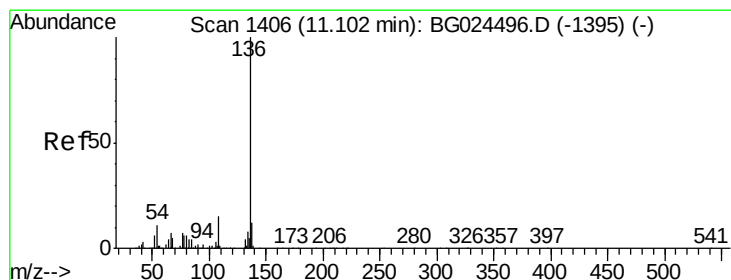
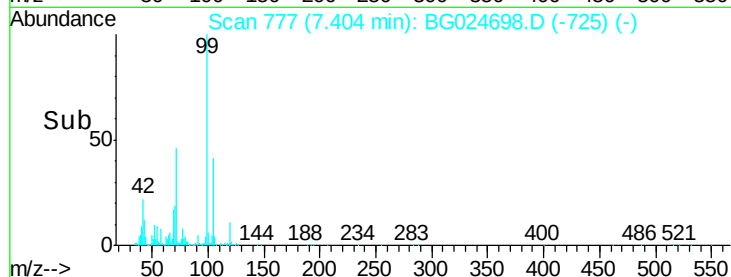
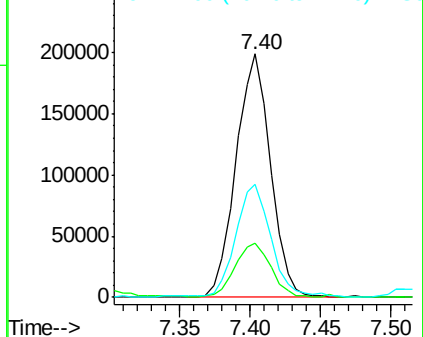
99 100

42 22.0 20.5 30.7

71 46.6 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: BG024698.D

Acq: 5 Nov 2016 5:39

Tgt Ion: 136 Resp: 439805

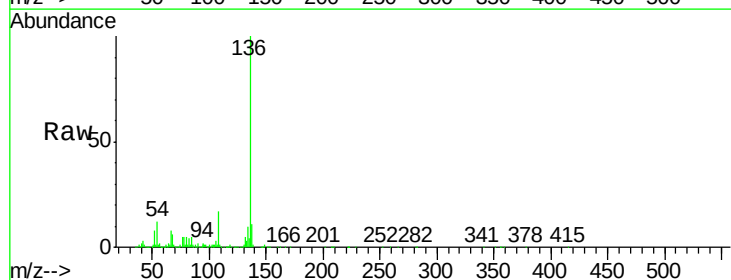
Ion Ratio Lower Upper

136 100

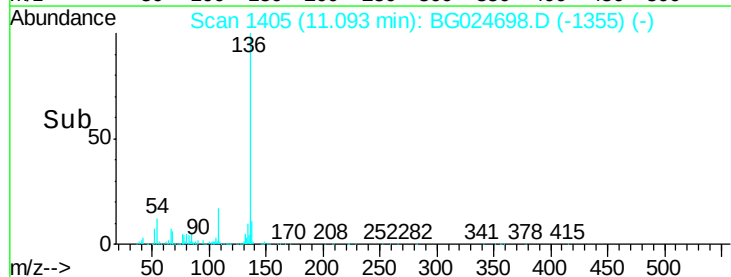
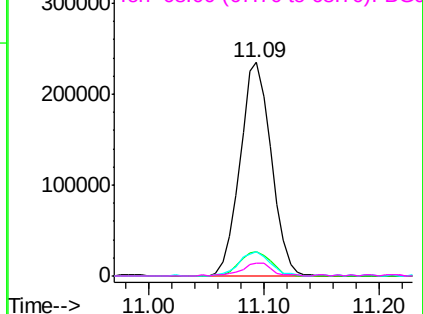
137 11.2 8.9 13.3

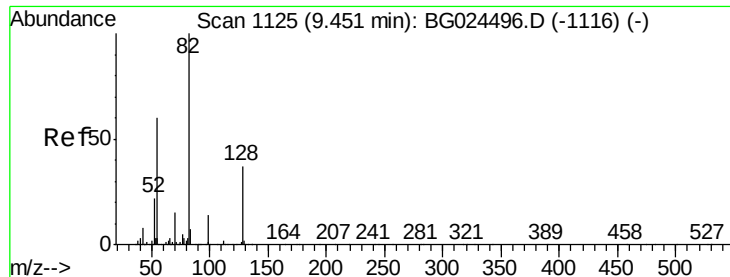
54 11.6 9.3 13.9

68 6.0 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

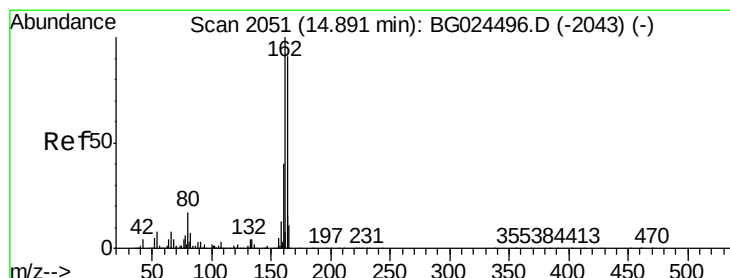
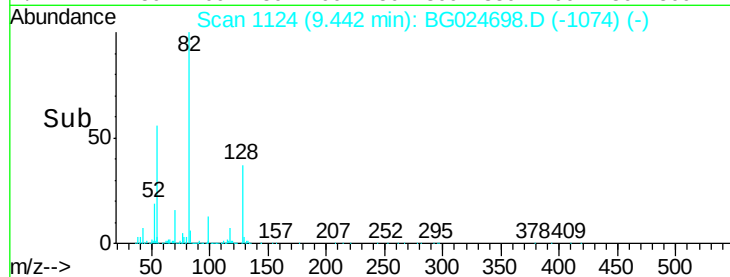
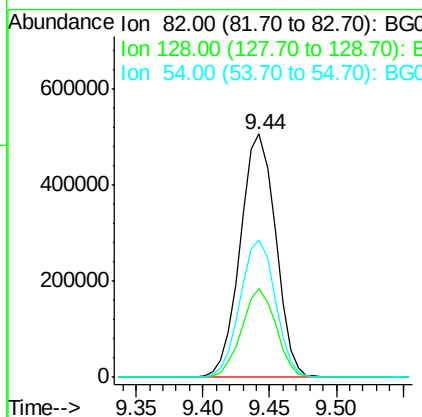
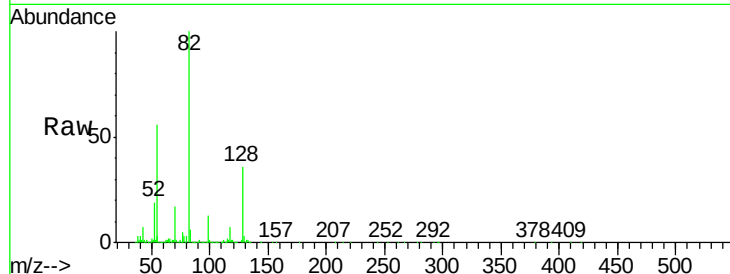




#23
Nitrobenzene-d5
Concen: 96.00 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024698.D
Acq: 5 Nov 2016 5:39

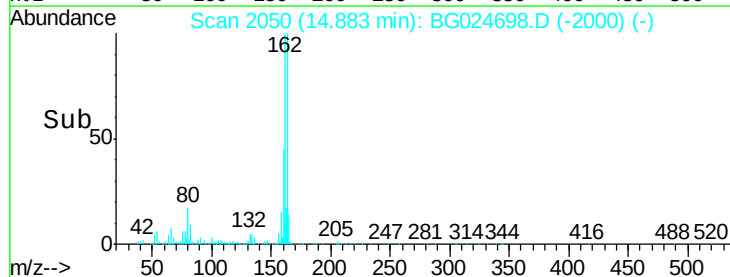
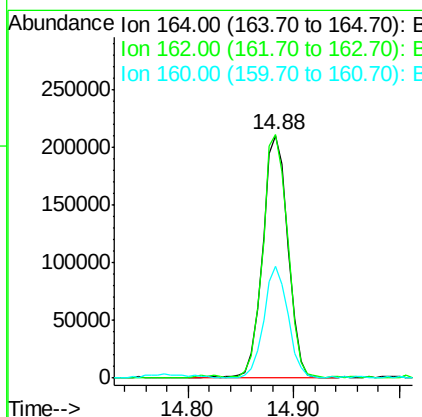
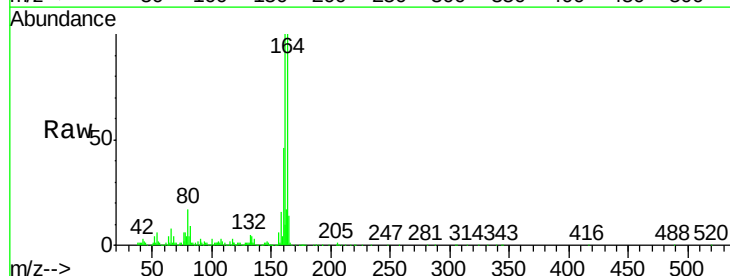
Instrument :
BNA_G
ClientSampleId :
S22-0016

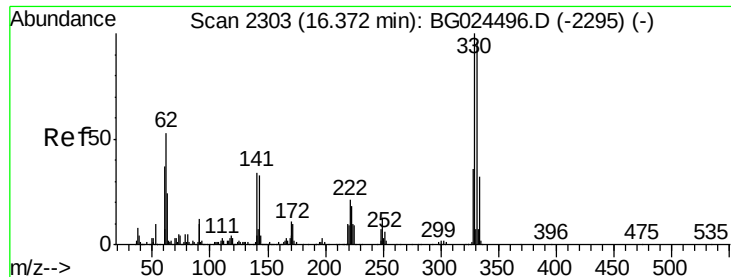
Tot Ion	82	Resp	927323
Ion Ratio	Lower	Upper	
82	100		
128	36.4	26.4	39.6
54	56.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024698.D
Acq: 5 Nov 2016 5:39

Tgt Ion	164	Resp	350118
Ion Ratio	Lower	Upper	
164	100		
162	100.3	85.1	127.7
160	45.8	34.7	52.1

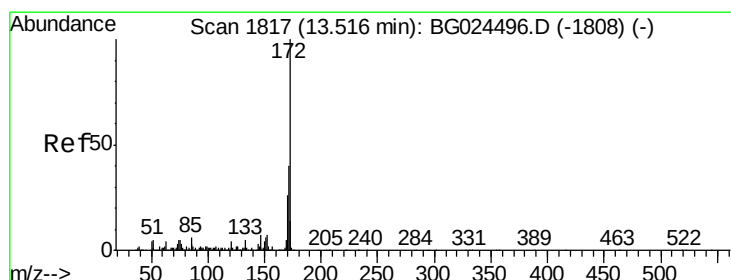
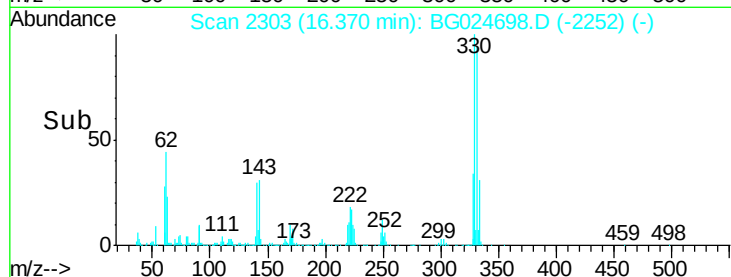
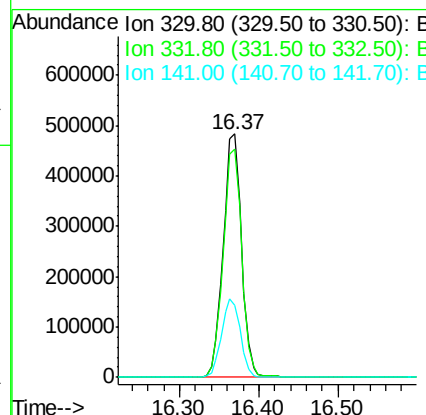
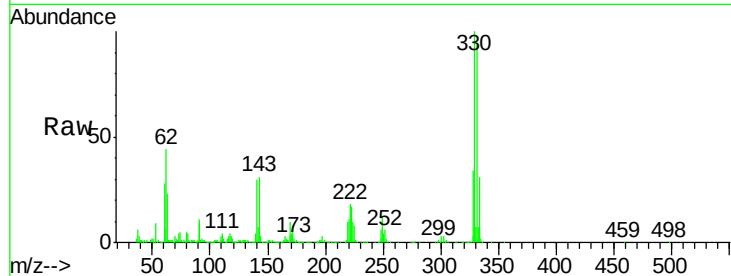




#41
2,4,6-Tribromophenol
Concen: 148.14 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024698.D
Acq: 5 Nov 2016 5:39

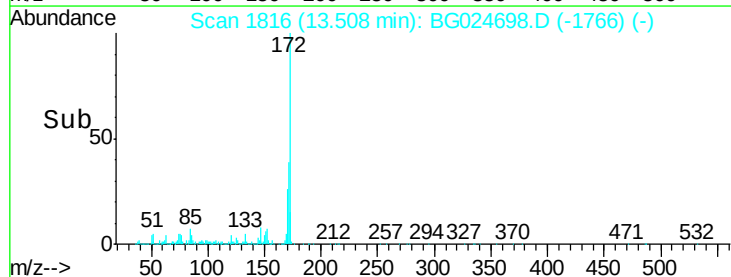
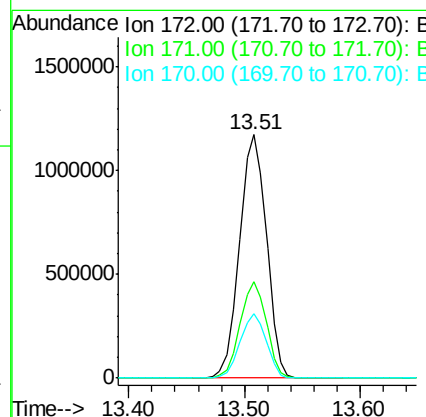
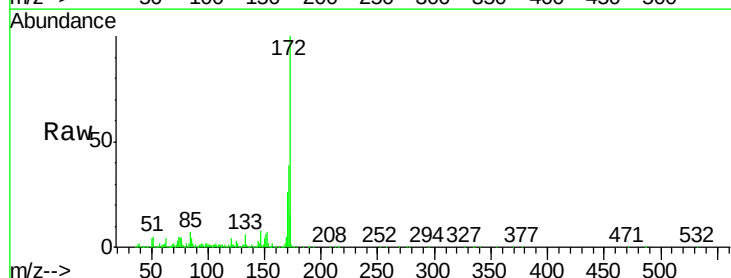
Instrument :
BNA_G
ClientSampleId :
S22-0016

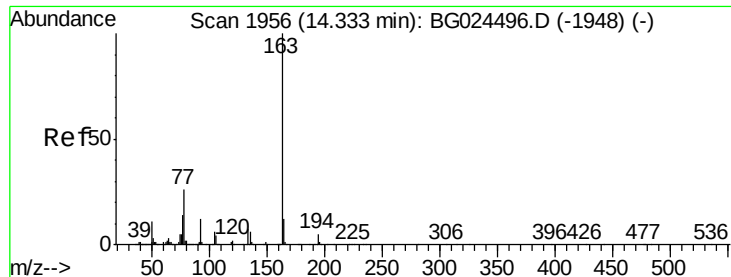
Tot Ion:330 Resp: 774861
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 33.1 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 89.86 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024698.D
Acq: 5 Nov 2016 5:39

Tgt Ion:172 Resp: 1892828
Ion Ratio Lower Upper
172 100
171 39.3 32.2 48.2
170 26.3 21.8 32.6





#49

Dimethylphthalate

Concen: 7.17 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024698.D

Acq: 5 Nov 2016 5:39

Instrument :

BNA_G

ClientSampleId :

S22-0016

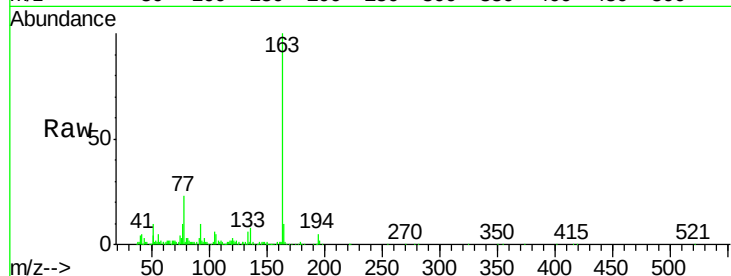
Tot Ion:163 Resp: 178105

Ion Ratio Lower Upper

163 100

194 5.5 3.8 5.6

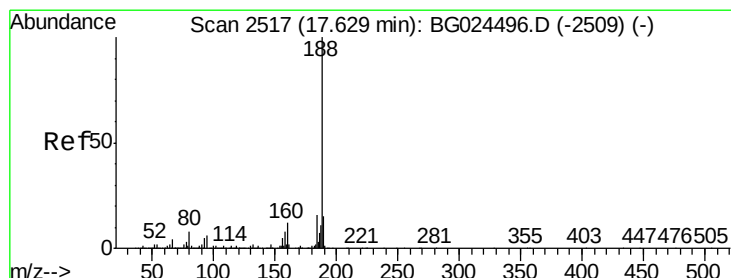
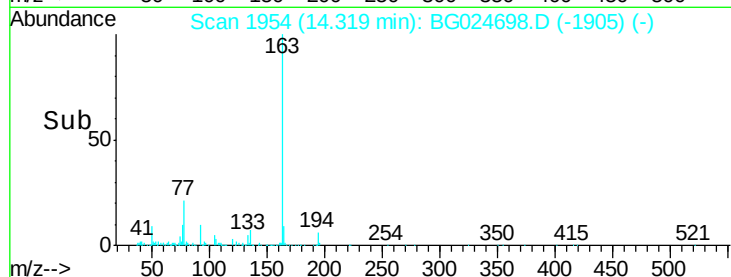
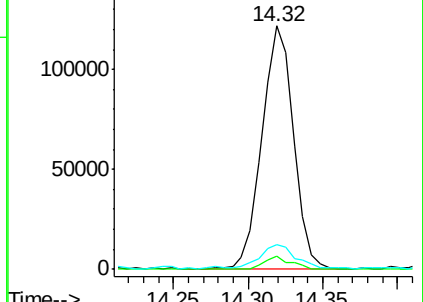
164 10.3 9.3 13.9



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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024698.D

Acq: 5 Nov 2016 5:39

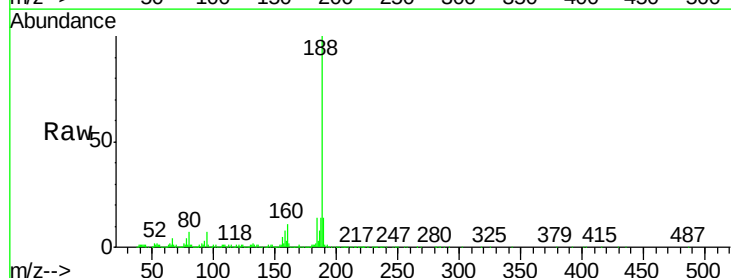
Tgt Ion:188 Resp: 758134

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

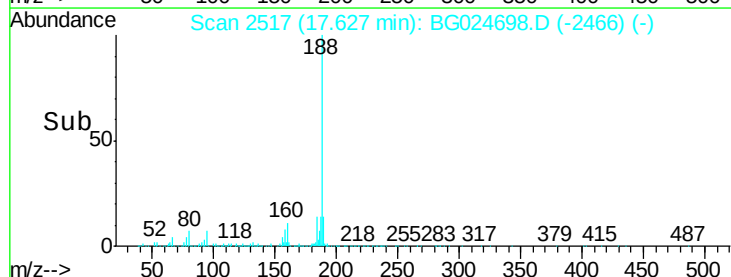
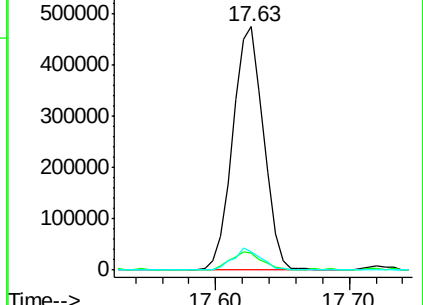
80 7.3 7.5 11.3#

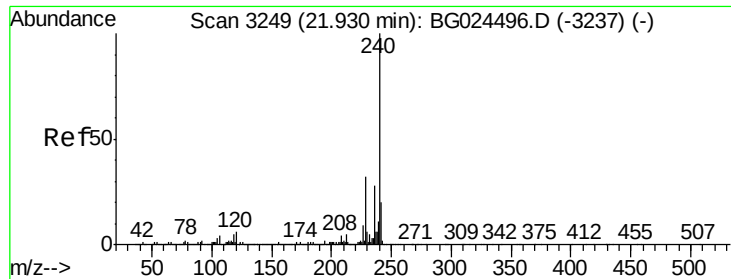


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

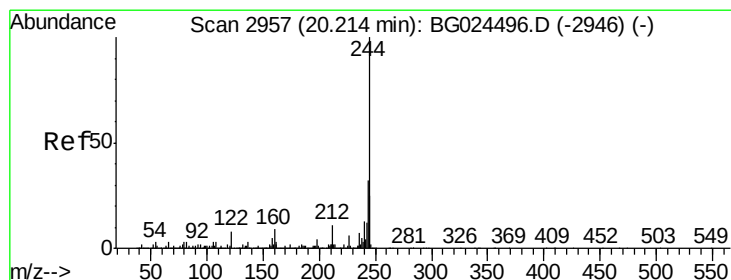
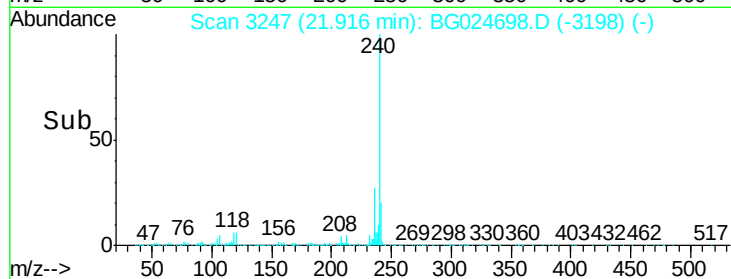
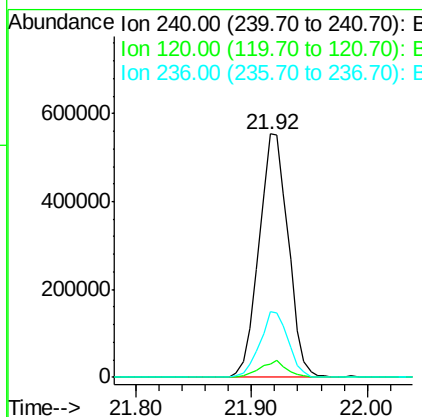
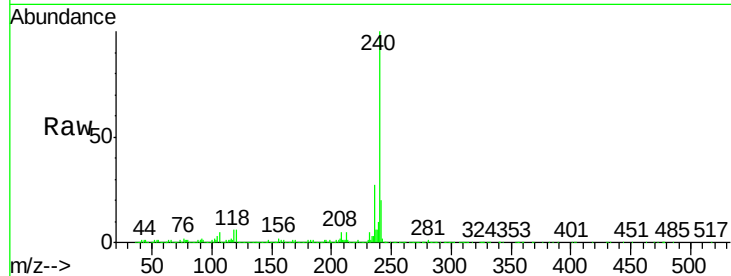




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024698.D
Acq: 5 Nov 2016 5:39

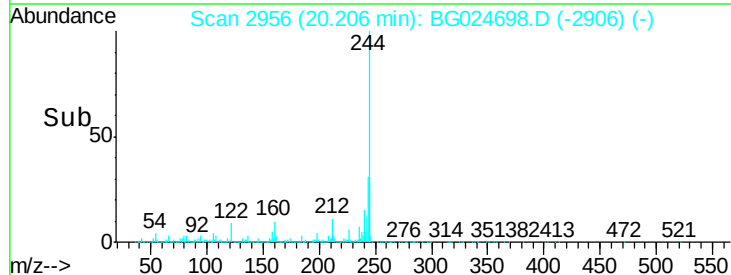
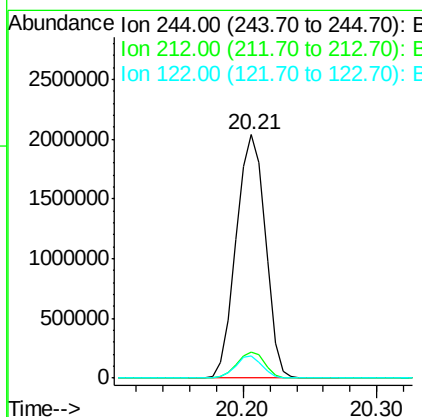
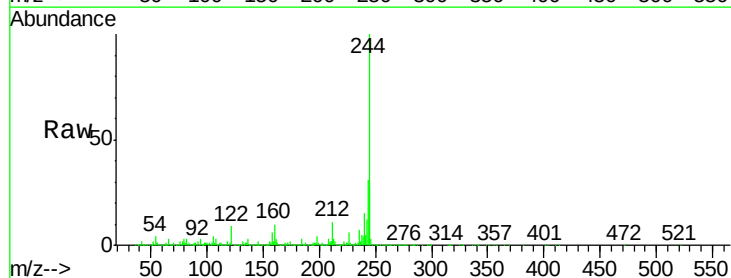
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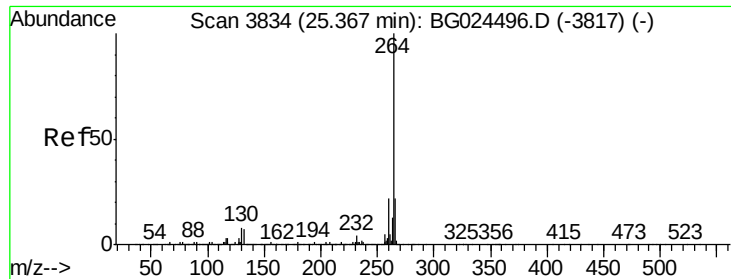
Tot Ion:240 Resp: 978984
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5#
236 27.0 22.2 33.4



#78
Terphenyl-d14
Concen: 94.33 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024698.D
Acq: 5 Nov 2016 5:39

Tgt Ion:244 Resp: 3090593
Ion Ratio Lower Upper
244 100
212 10.9 10.0 15.0
122 9.3 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: BG024698.D
 Acq: 5 Nov 2016 5:39

Instrument :
 BNA_G
 ClientSampleId :
 S22-0016

Tot Ion:264 Resp: 1020893

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	23.6	18.2	27.4

