

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 05:34:21 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

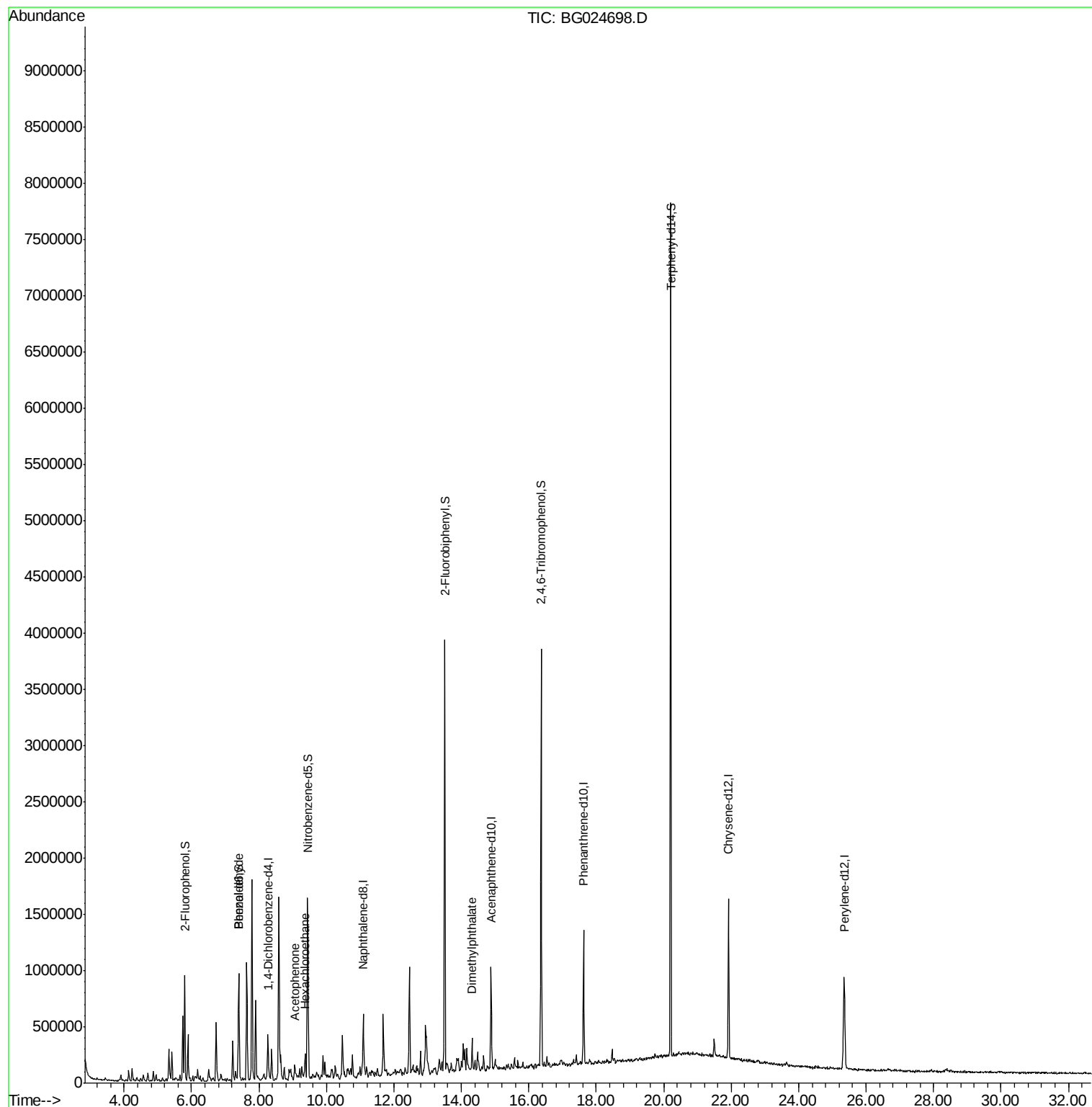
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	103442	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	439805	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	350118	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	758134	20.00	ng	0.00
75) Chrysene-d12	21.92	240	978984	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						
9) Benzaldehyde	7.39	77	33237	6.21	ng	# 1
18) Hexachloroethane	9.37	117	46882	15.54	ng	# 23
22) Acetophenone	9.06	105	103848	9.19	ng	# 48
49) Dimethylphthalate	14.32	163	178105	7.17	ng	97

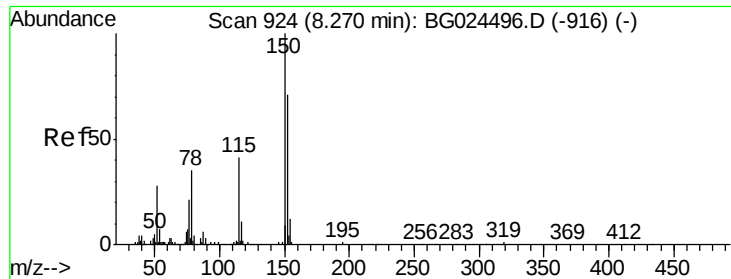
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 05:34:21 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





#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

Instrument :

BNA_G

ClientSampleId :

S22-0016

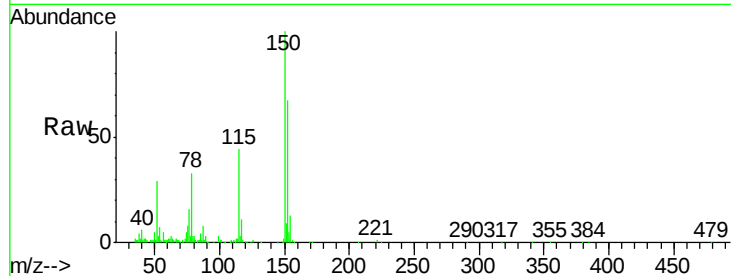
Tgt Ion:152 Resp: 103442

Ion Ratio Lower Upper

152 100

150 149.5 114.0 171.0

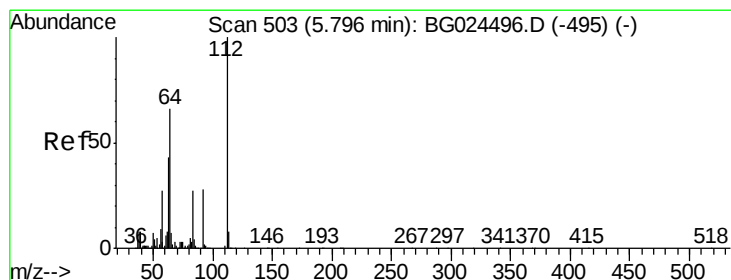
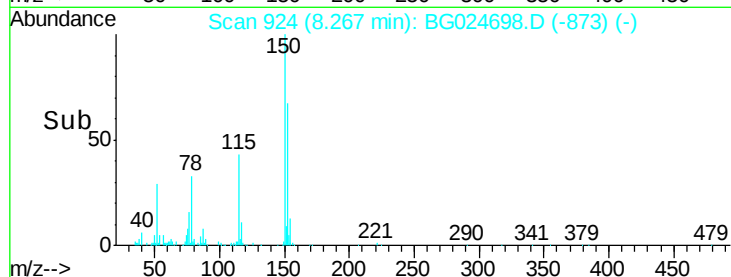
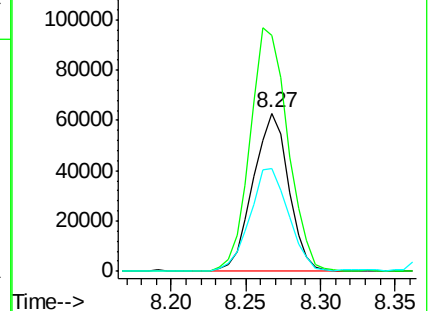
115 65.3 48.1 72.1



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

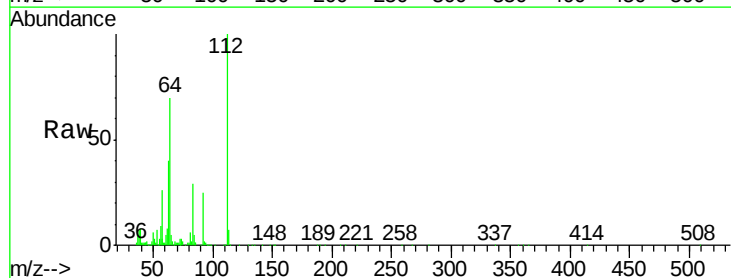
Tgt Ion:112 Resp: 388395

Ion Ratio Lower Upper

112 100

64 69.9 61.8 92.6

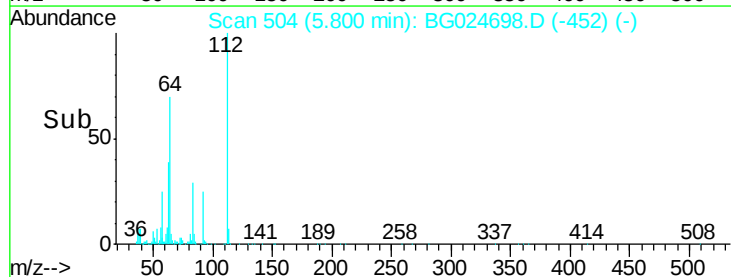
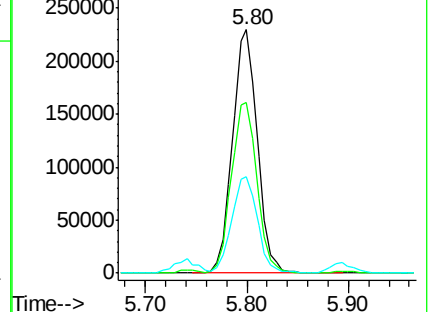
63 39.5 37.2 55.8

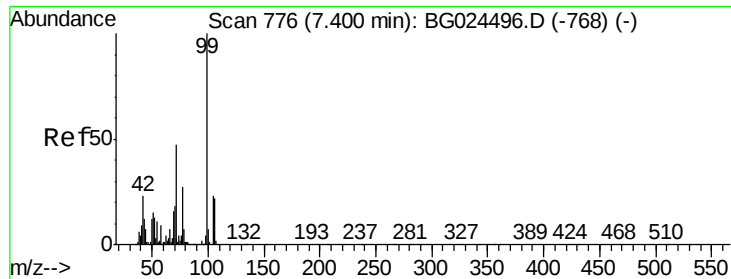


Abundance Ion 112.00 (111.70 to 112.70): E

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

ClientSampled :

S22-0016

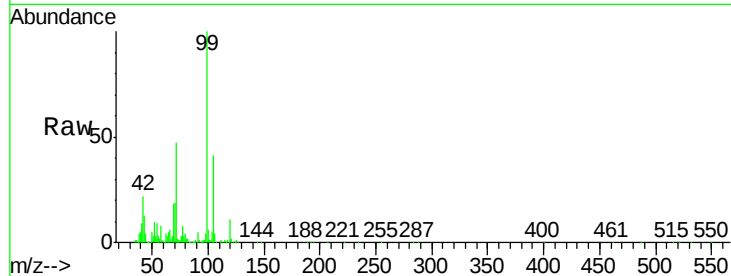
Tgt Ion: 99 Resp: 339439

Ion Ratio Lower Upper

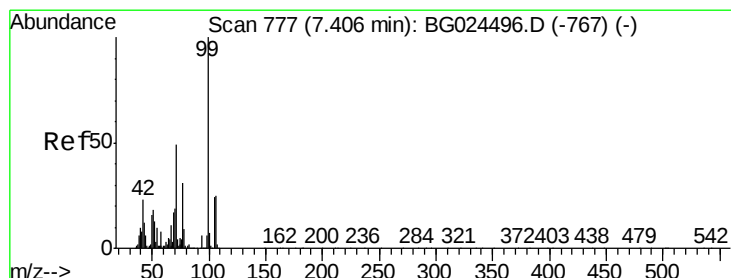
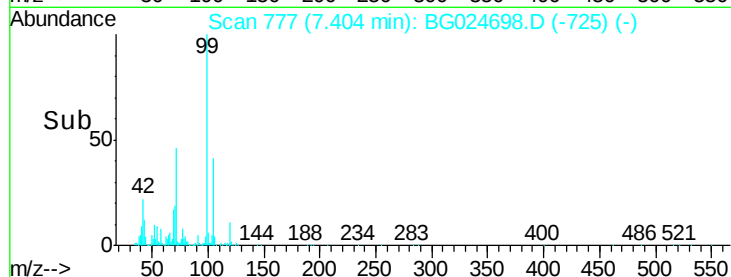
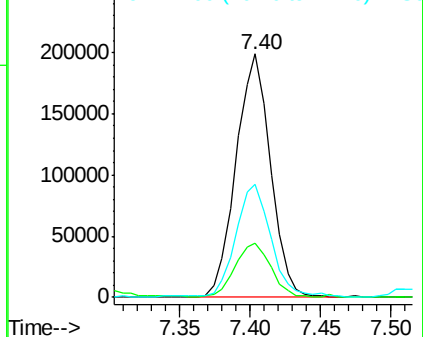
99 100

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



#9

Benzaldehyde

Concen: 6.21 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG024698.D

Acq: 5 Nov 2016 5:39

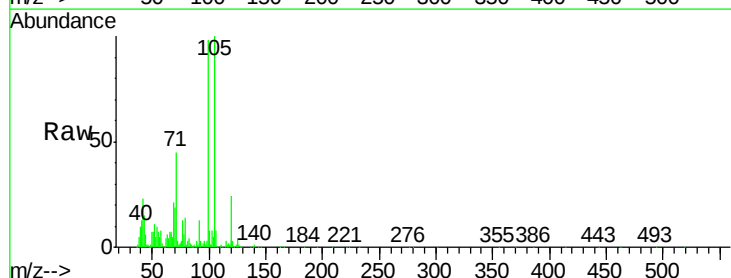
Tgt Ion: 77 Resp: 33237

Ion Ratio Lower Upper

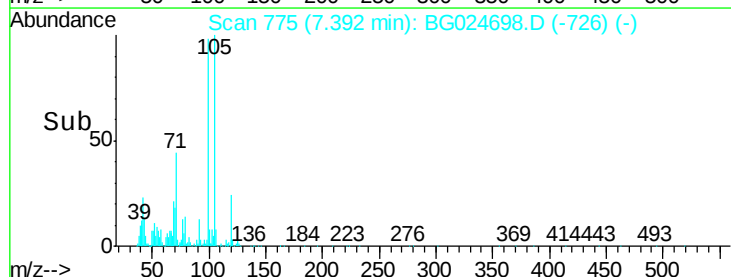
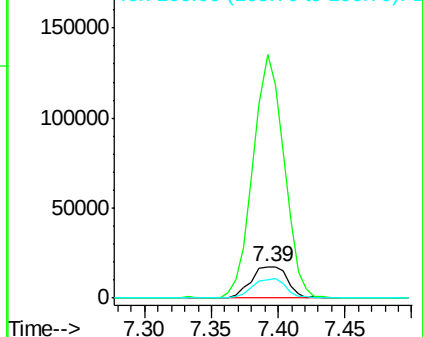
77 100

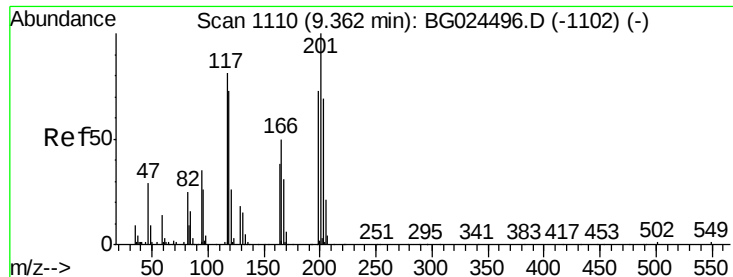
105 767.7 60.9 100.9#

106 59.8 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#18

Hexachloroethane

Concen: 15.54 ng

RT: 9.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BG024698.D

Acq: 5 Nov 2016 5:39

Instrument :

BNA_G

ClientSampleId :

S22-0016

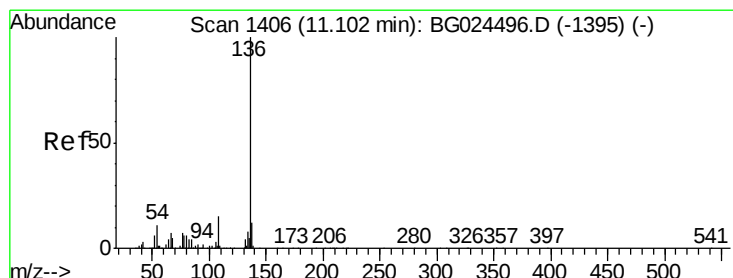
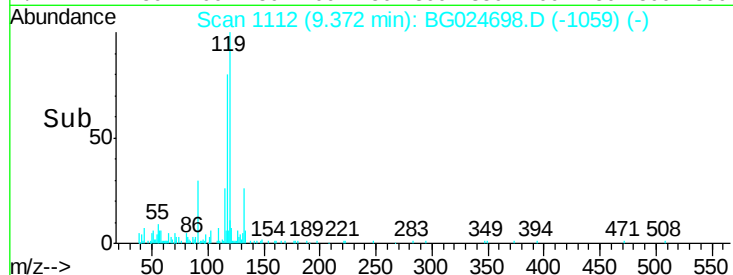
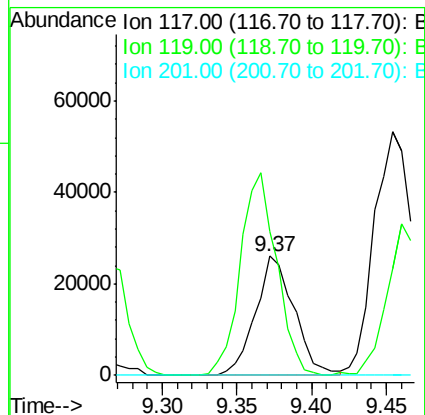
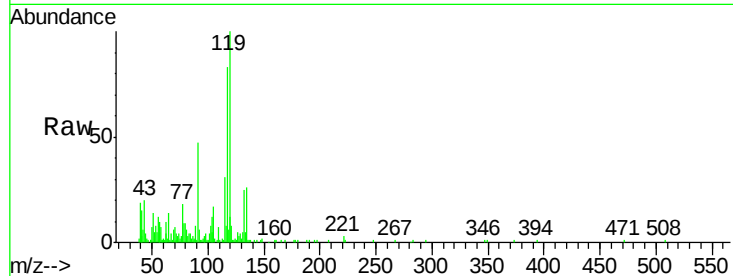
Tgt Ion:117 Resp: 46882

Ion Ratio Lower Upper

117 100

119 120.6 69.8 104.6#

201 0.0 95.4 143.0#



#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

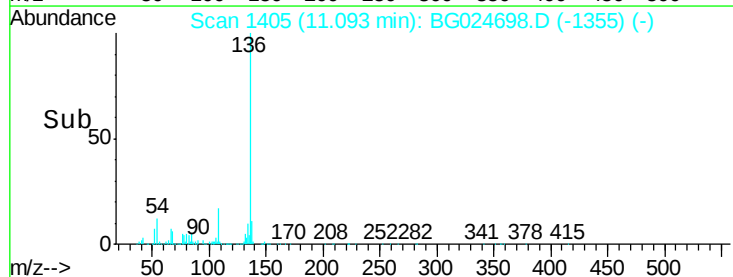
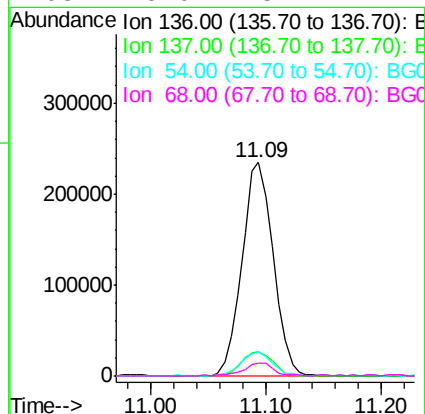
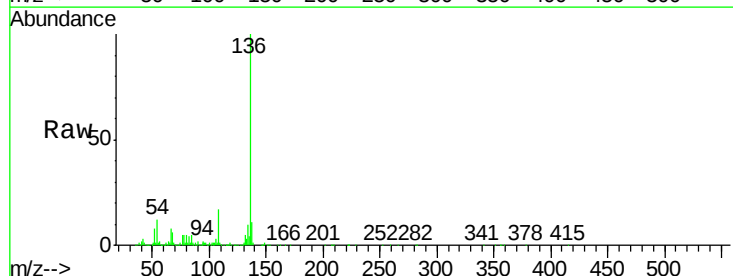
Ion Ratio Lower Upper

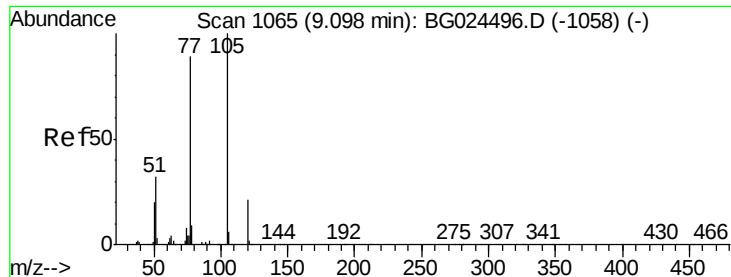
136 100

137 11.2 8.9 13.3

54 11.6 9.3 13.9

68 6.0 5.1 7.7





#22

Acetophenone

Concen: 9.19 ng

RT: 9.06 min Scan# 1059

Delta R.T. -0.04 min

Lab File: BG024698.D

Acq: 5 Nov 2016 5:39

Instrument :

BNA_G

ClientSampleId :

S22-0016

Tgt Ion: 105 Resp: 103848

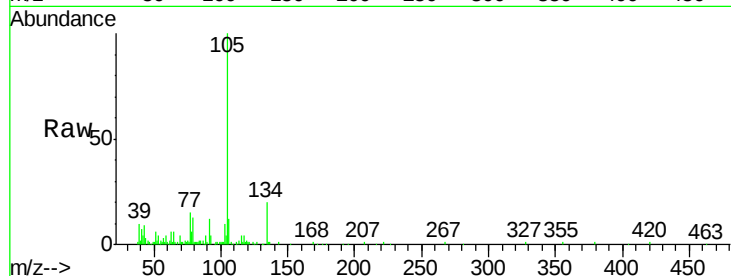
Ion Ratio Lower Upper

105 100

71 0.7 0.9 1.3#

51 5.5 34.0 51.0#

120 0.8 17.3 25.9#

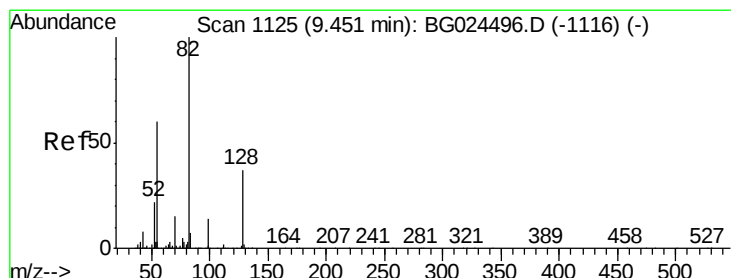
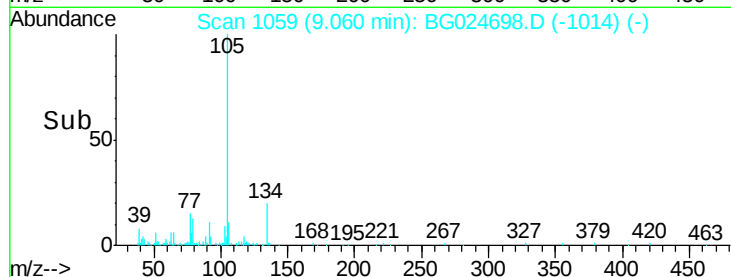
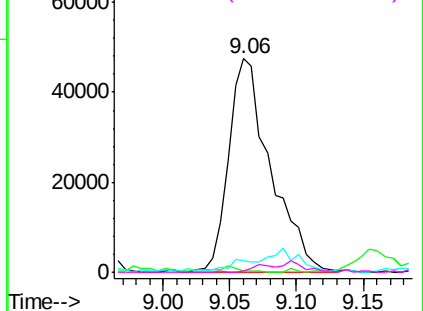


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#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

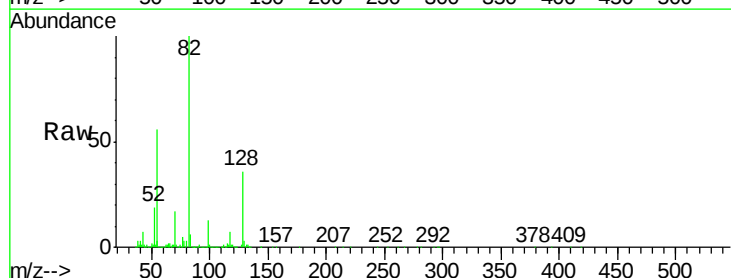
Tgt Ion: 82 Resp: 927323

Ion Ratio Lower Upper

82 100

128 36.4 26.4 39.6

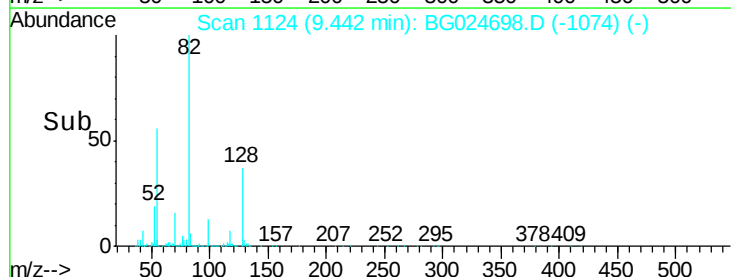
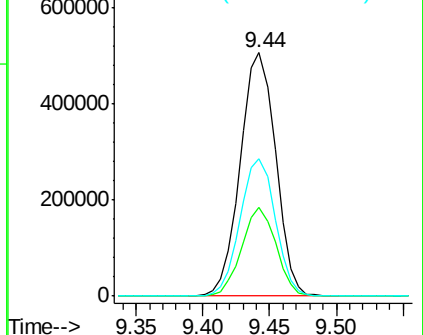
54 56.2 49.4 74.2

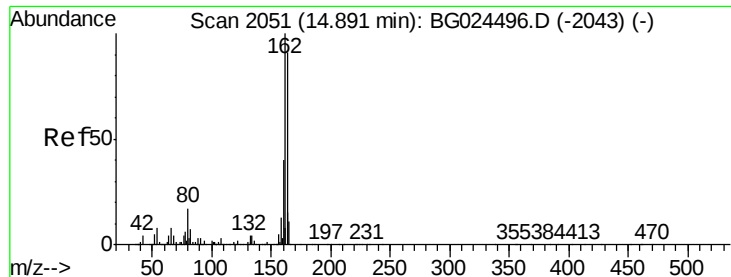


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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: BG024698.D

Acq: 5 Nov 2016 5:39

Instrument :

BNA_G

ClientSampleId :

S22-0016

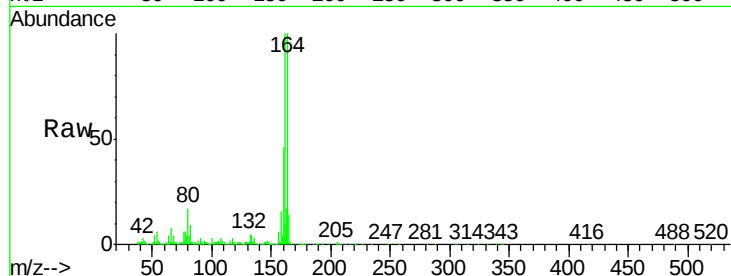
Tgt Ion:164 Resp: 350118

Ion Ratio Lower Upper

164 100

162 100.3 85.1 127.7

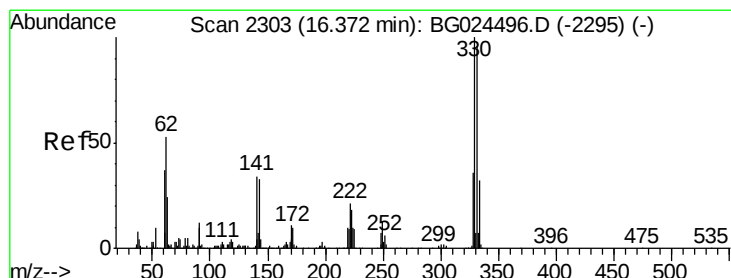
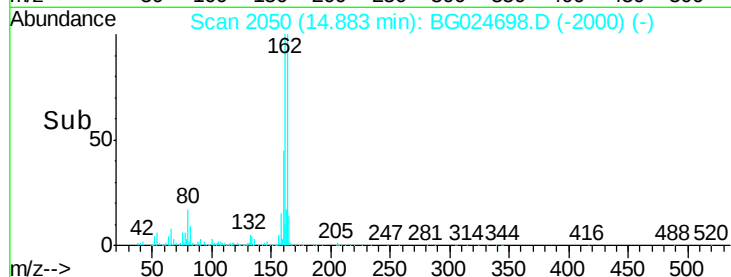
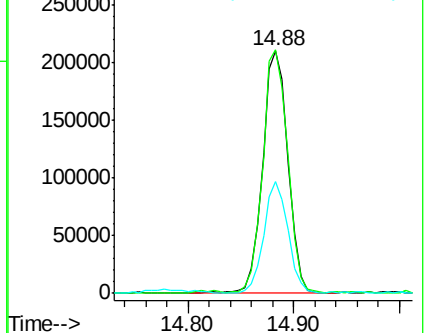
160 45.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

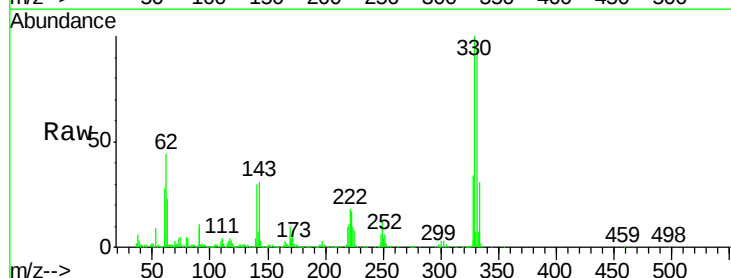
Tgt Ion:330 Resp: 774861

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

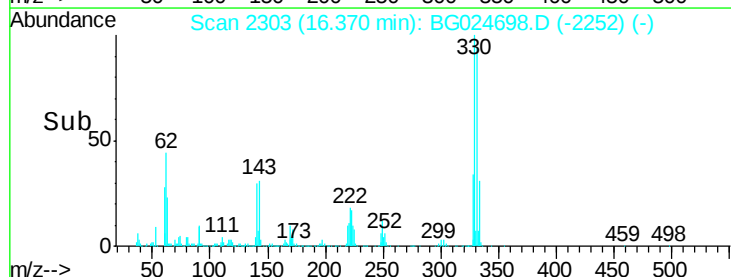
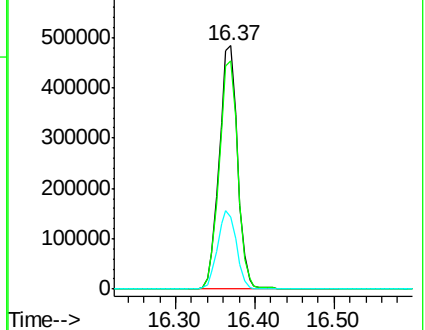
141 33.1 32.1 48.1

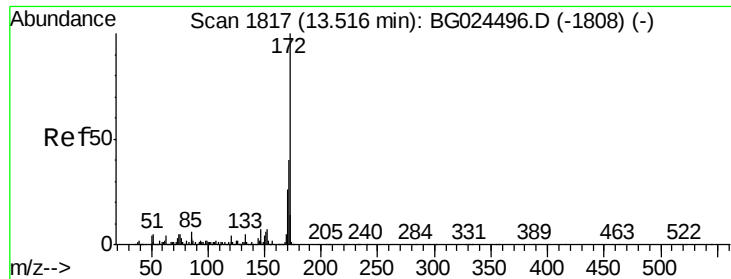


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

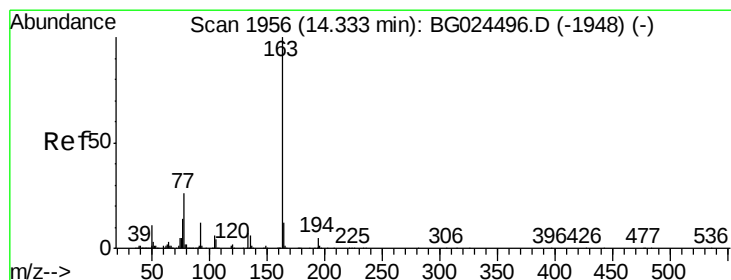
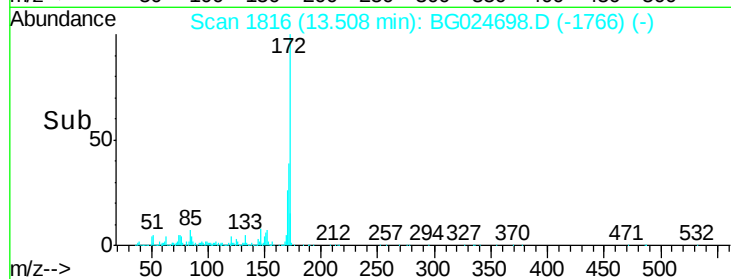
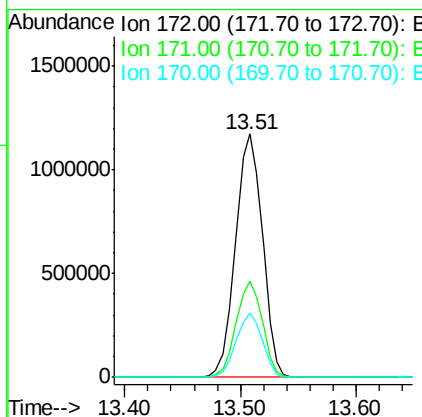
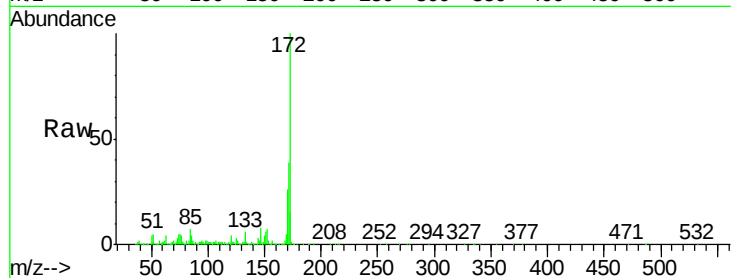




#44
2-Fluorobiphenyl
Concen: 89.86 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024698.D
Acq: 5 Nov 2016 5:39

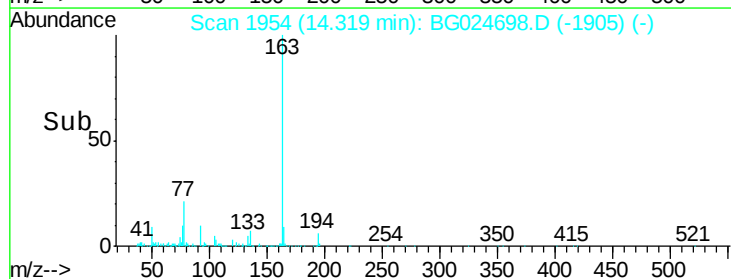
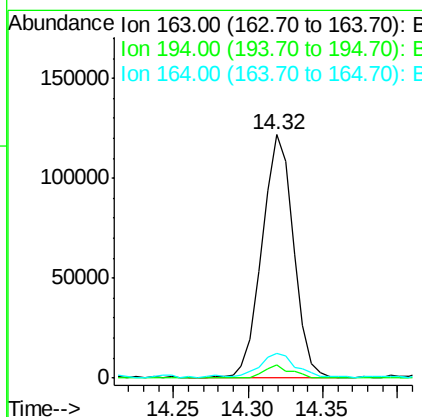
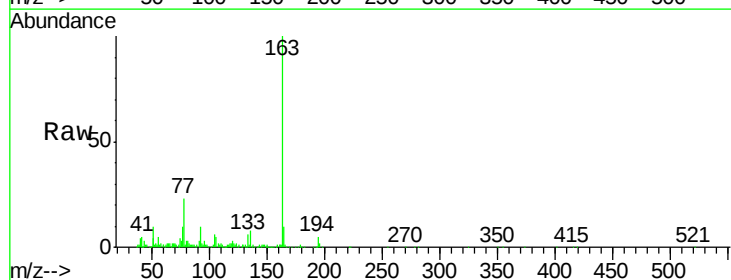
Instrument :
BNA_G
ClientSampleId :
S22-0016

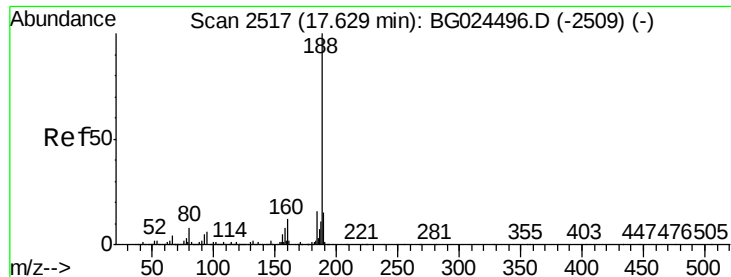
Tgt Ion:172 Resp: 1892828
Ion Ratio Lower Upper
172 100
171 39.3 32.2 48.2
170 26.3 21.8 32.6



#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

Tgt Ion:163 Resp: 178105
Ion Ratio Lower Upper
163 100
194 5.5 3.8 5.6
164 10.3 9.3 13.9

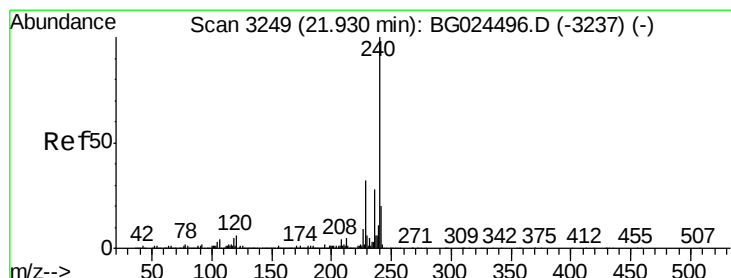
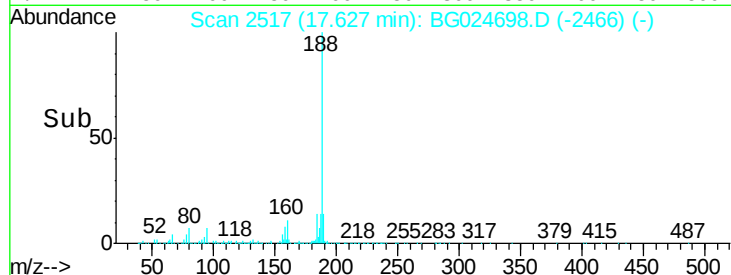
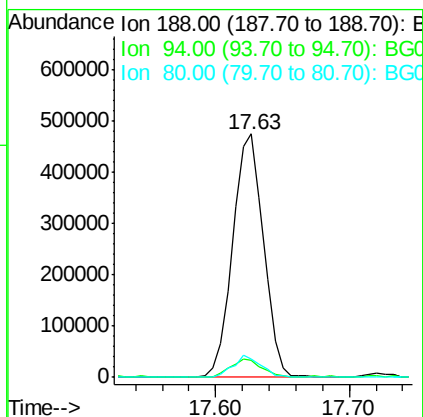
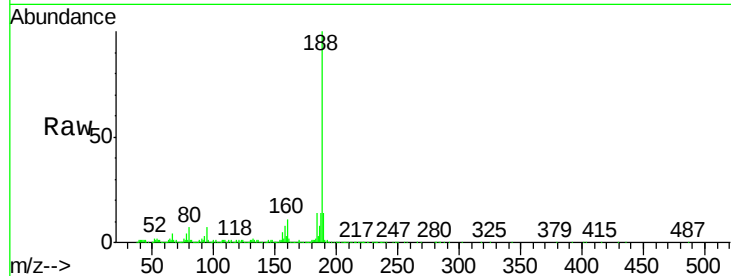




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024698.D
Acq: 5 Nov 2016 5:39

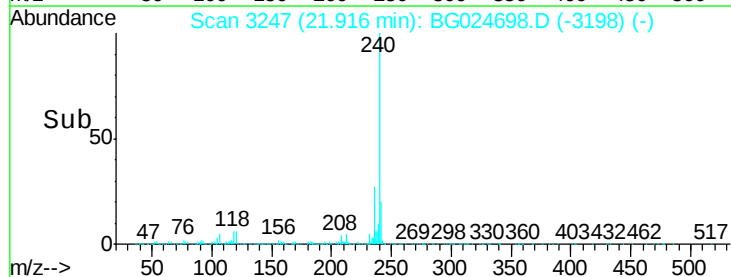
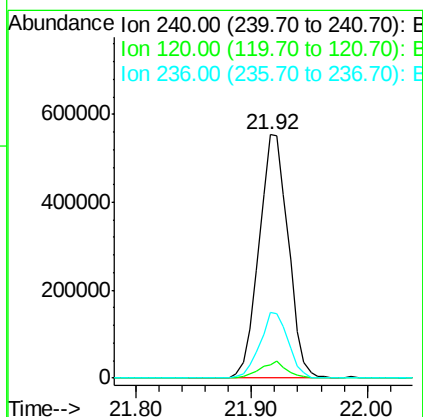
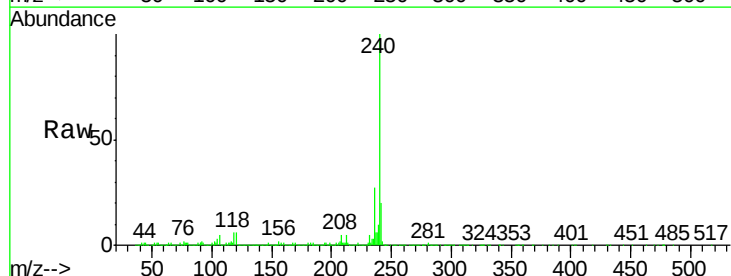
Instrument :
BNA_G
ClientSampleId :
S22-0016

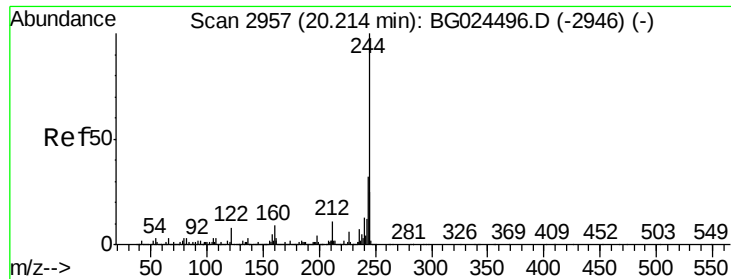
Tgt Ion:188 Resp: 758134
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 7.3 7.5 11.3#



#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

Tgt 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

Instrument :

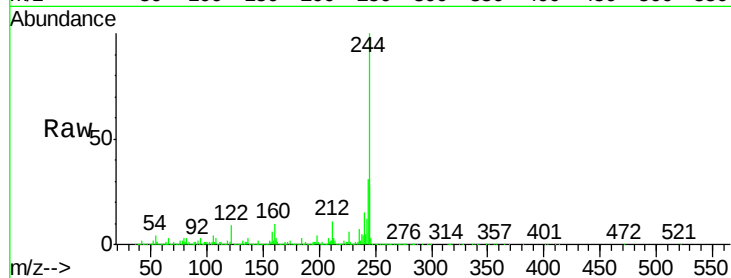
BNA_G

ClientSampleId :

S22-0016

Tgt Ion:244 Resp: 3090593

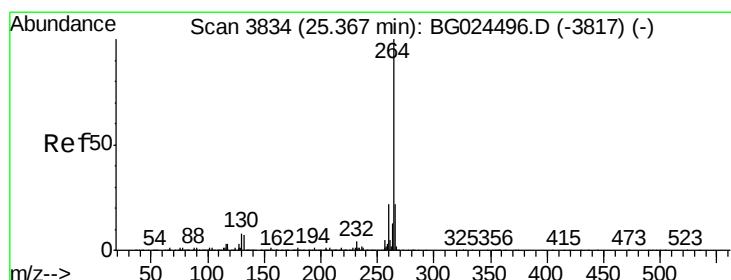
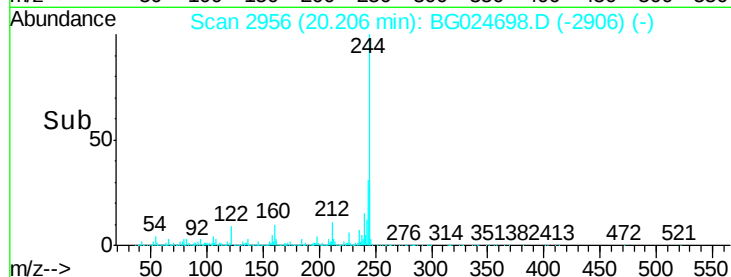
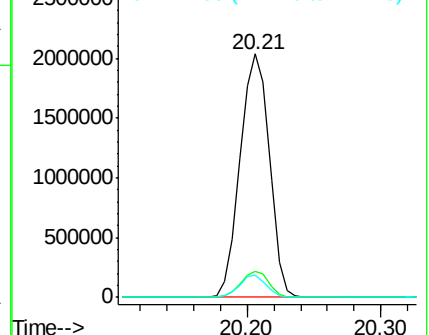
Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	9.3	8.6	12.8



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

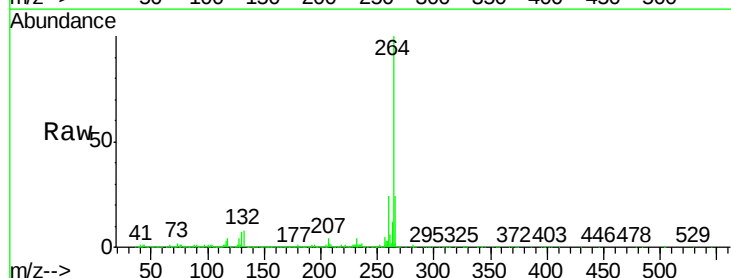
Delta R.T. -0.02 min

Lab File: BG024698.D

Acq: 5 Nov 2016 5:39

Tgt Ion:264 Resp: 1020893

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



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

