

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024693.D
 Acq On : 5 Nov 2016 2:26
 Operator : UM/SJ
 Sample : H5531-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0011

Quant Time: Nov 05 03:42:32 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

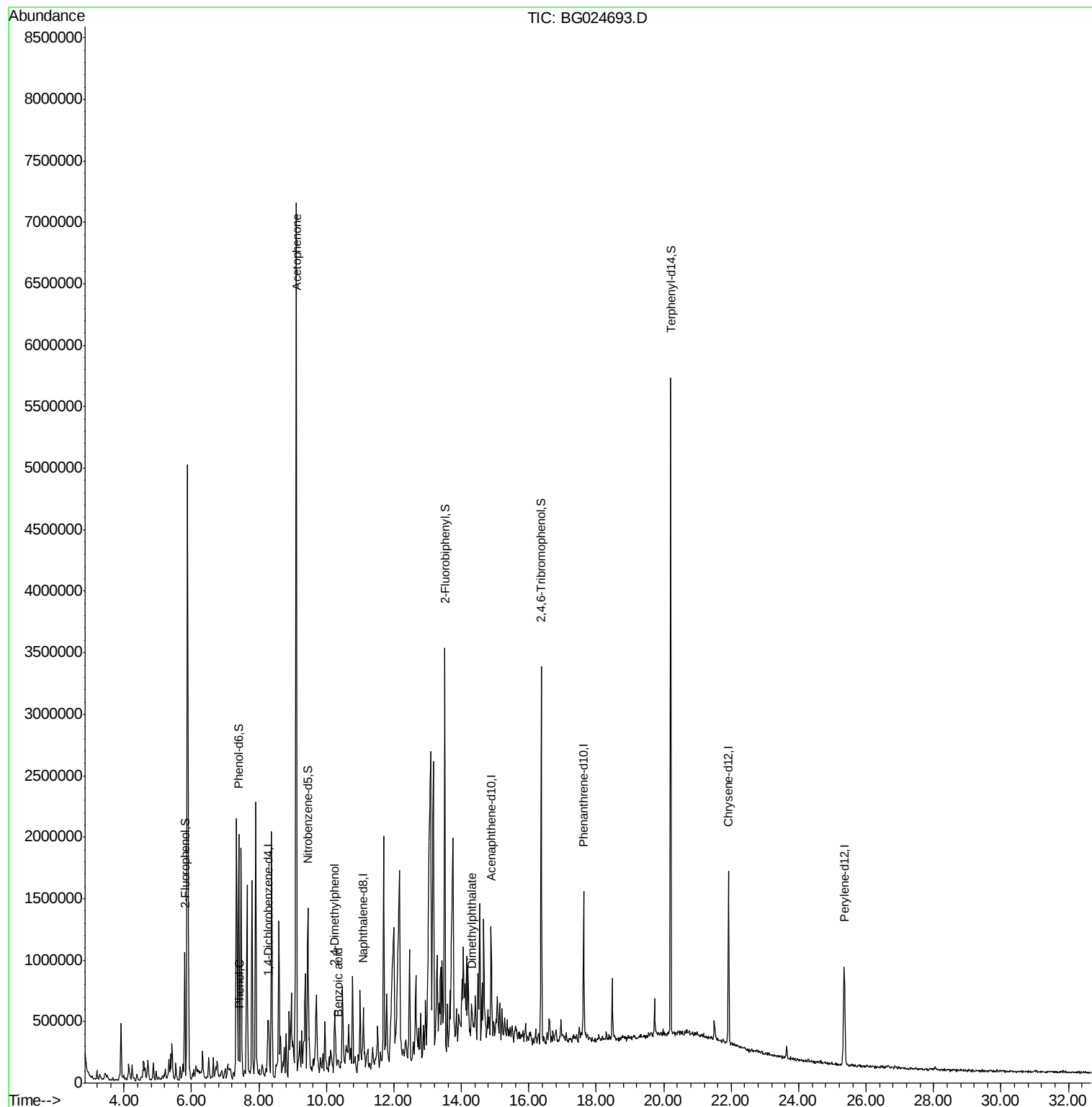
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	91517	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	383854	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	316907	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	708076	20.00	ng	0.00
75) Chrysene-d12	21.92	240	971582	20.00	ng	0.00
86) Perylene-d12	25.35	264	1001864	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	412449	73.87	ng	0.00
7) Phenol-d6	7.40	99	386892	50.51	ng	0.00
23) Nitrobenzene-d5	9.45	82	688385	81.65	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	636725	134.49	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1446763	75.88	ng	0.00
78) Terphenyl-d14	20.21	244	2258669	69.47	ng	0.00
Target Compounds						
10) Phenol	7.43	94	22085	2.80	ng	88
22) Acetophenone	9.11	105	3818397	387.26	ng	# 95
27) 2,4-Dimethylphenol	10.24	122	155859	25.57	ng	99
32) Benzoic acid	10.36	122	12642	2.49	ng	# 70
49) Dimethylphthalate	14.32	163	106871	4.75	ng	# 88

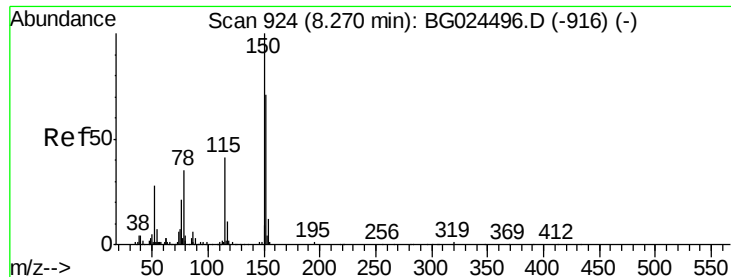
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024693.D

Acq: 5 Nov 2016 2:26

Instrument :

BNA_G

ClientSampleId :

S22-0011

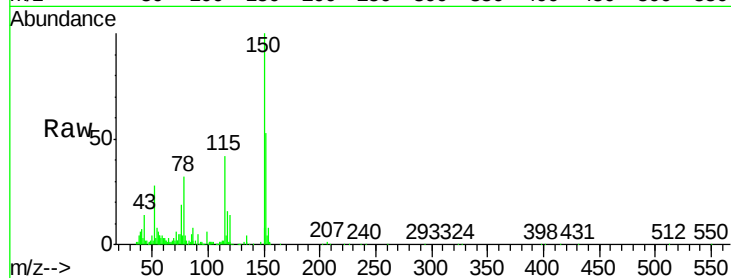
Tot Ion:152 Resp: 91517

Ion Ratio Lower Upper

152 100

150 188.1 114.0 171.0#

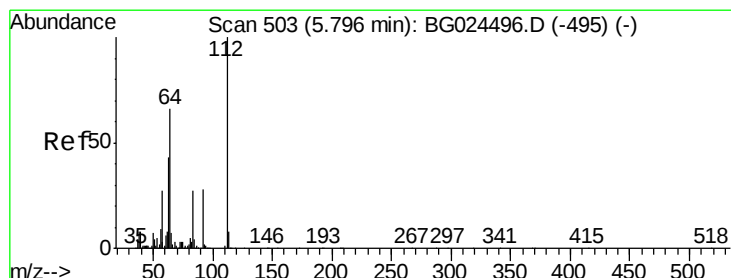
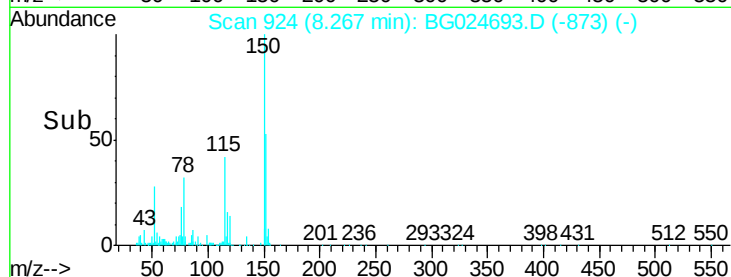
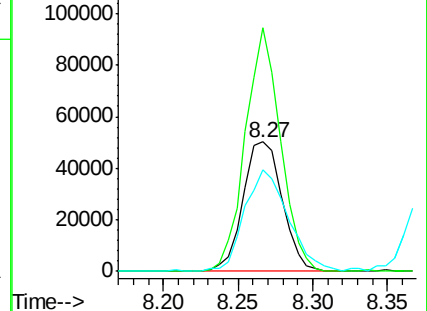
115 78.4 48.1 72.1#



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: 73.87 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024693.D

Acq: 5 Nov 2016 2:26

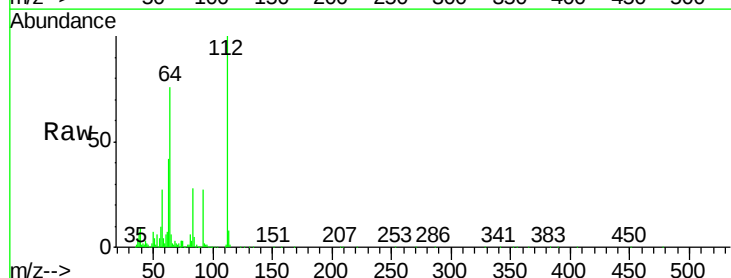
Tgt Ion:112 Resp: 412449

Ion Ratio Lower Upper

112 100

64 75.7 61.8 92.6

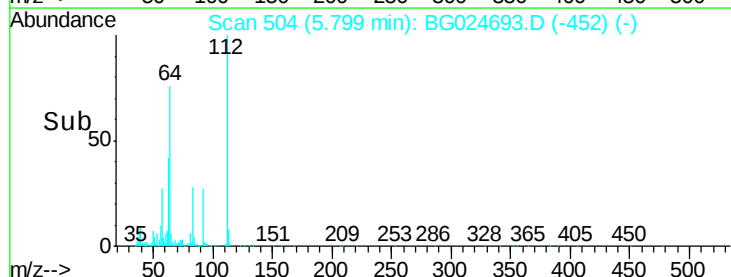
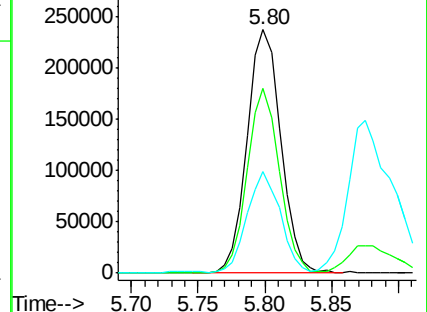
63 41.7 37.2 55.8

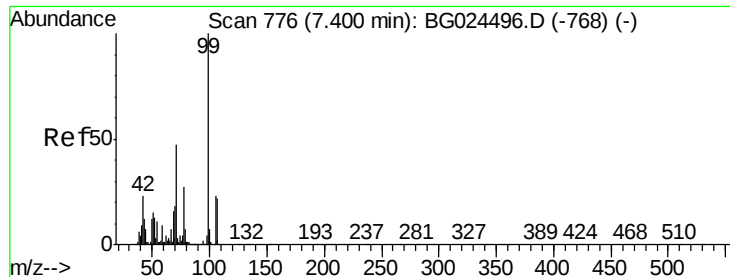


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.51 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024693.D

Acq: 5 Nov 2016 2:26

Instrument :

BNA_G

ClientSampleId :

S22-0011

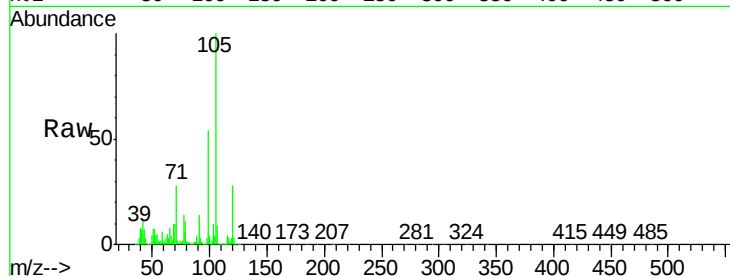
Tot Ion: 99 Resp: 386892

Ion Ratio Lower Upper

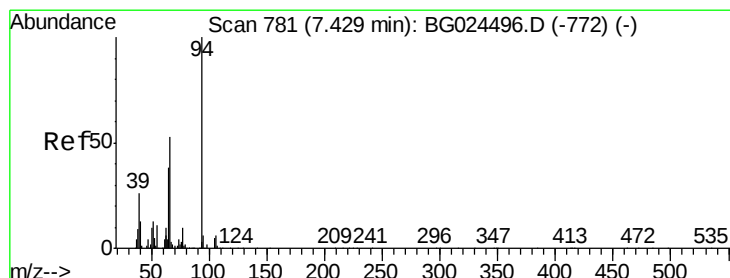
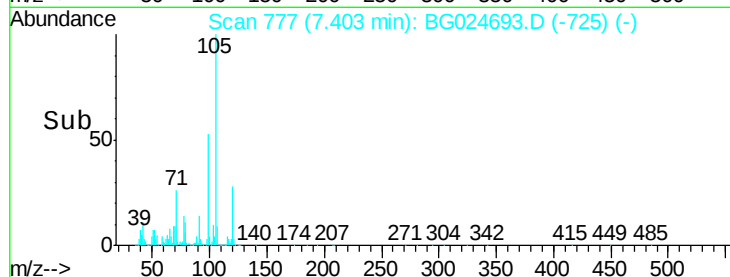
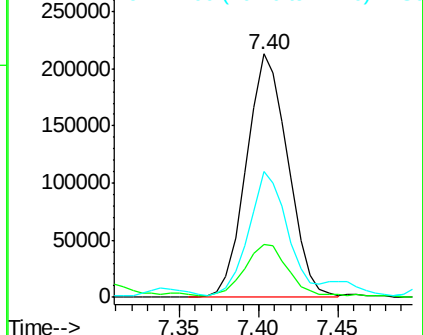
99 100

42 21.6 20.5 30.7

71 51.9 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



#10

Phenol

Concen: 2.80 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024693.D

Acq: 5 Nov 2016 2:26

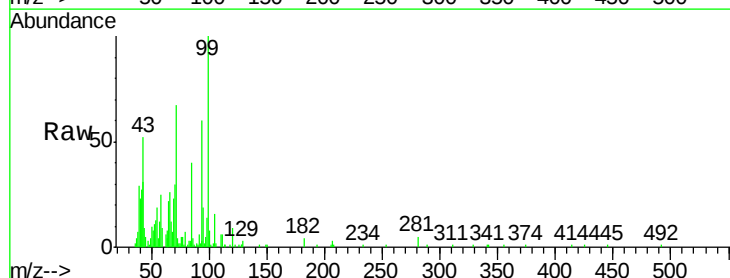
Tgt Ion: 94 Resp: 22085

Ion Ratio Lower Upper

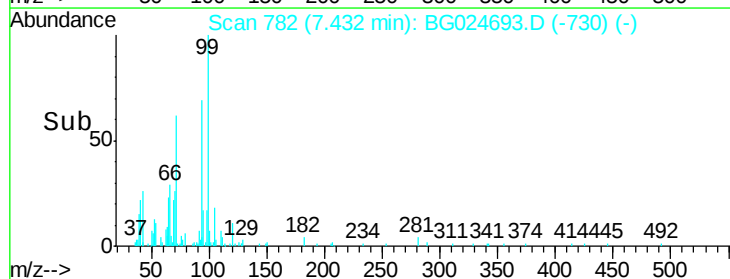
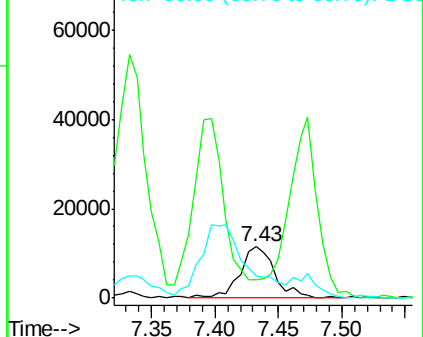
94 100

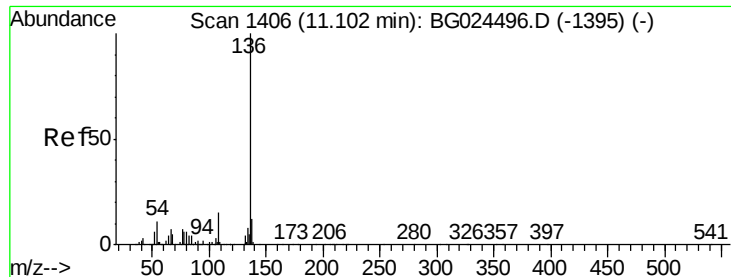
65 36.8 20.6 60.6

66 44.2 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024693.D

Acq: 5 Nov 2016 2:26

Instrument :

BNA_G

ClientSampleId :

S22-0011

Tot Ion:136 Resp: 383854

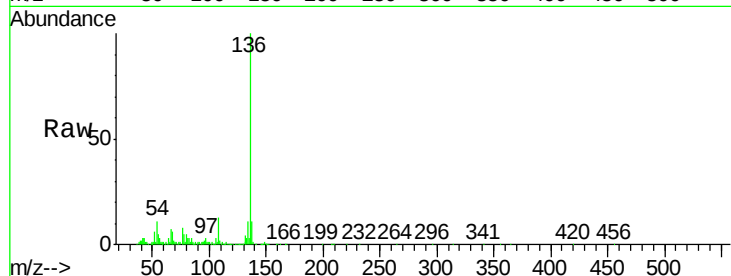
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.8 9.3 13.9

68 6.3 5.1 7.7

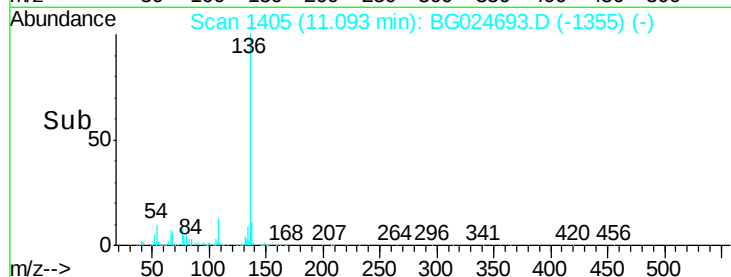


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

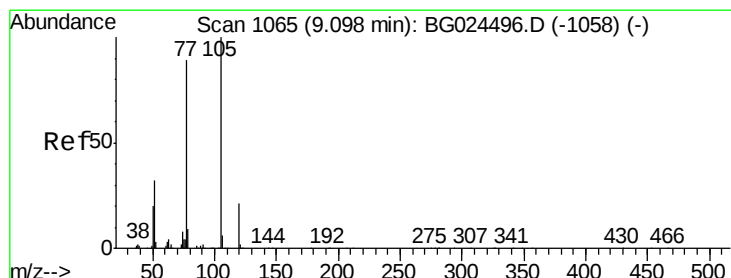
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

11.09



#22

Acetophenone

Concen: 387.26 ng

RT: 9.11 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BG024693.D

Acq: 5 Nov 2016 2:26

Tgt Ion:105 Resp: 3818397

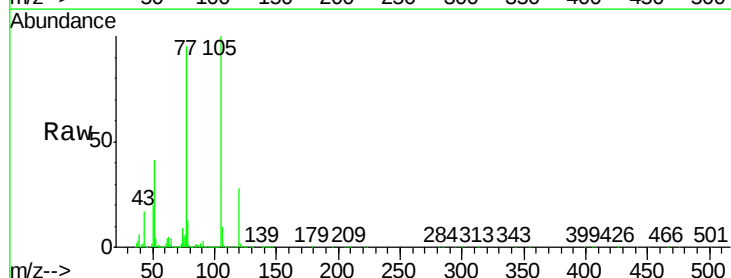
Ion Ratio Lower Upper

105 100

71 0.0 0.9 1.3#

51 41.4 34.0 51.0

120 27.7 17.3 25.9#

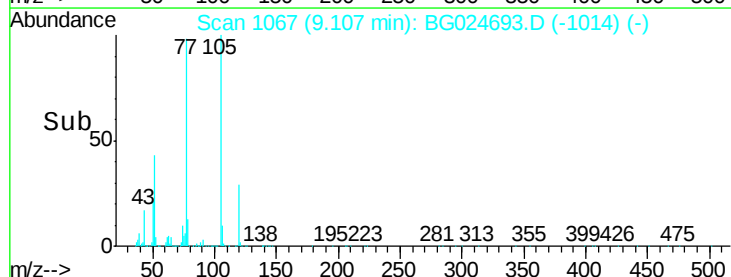


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

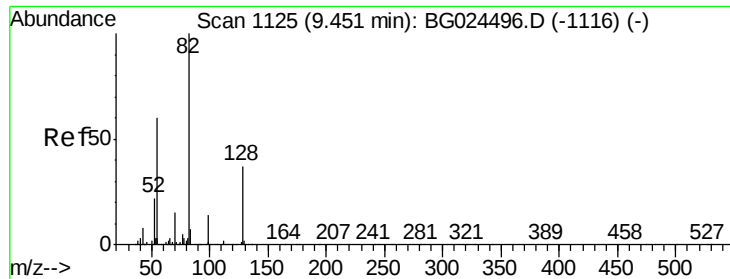
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

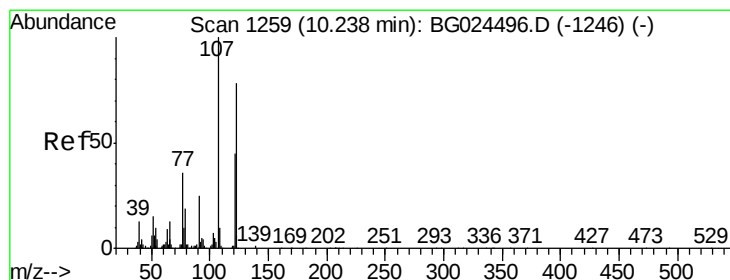
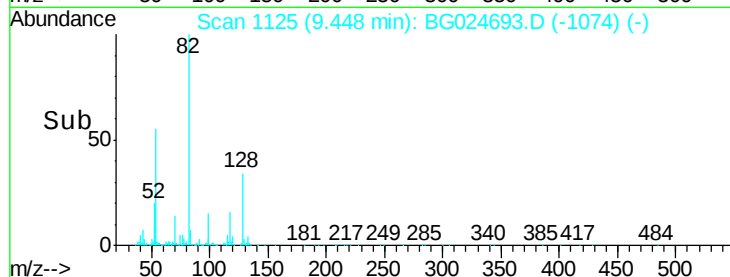
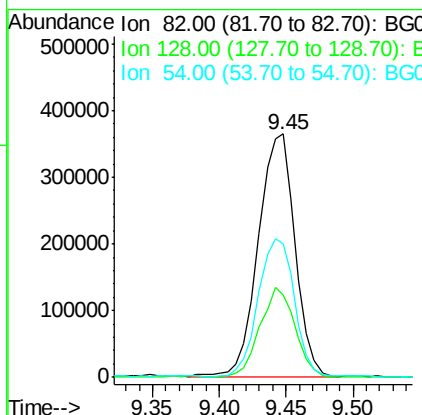
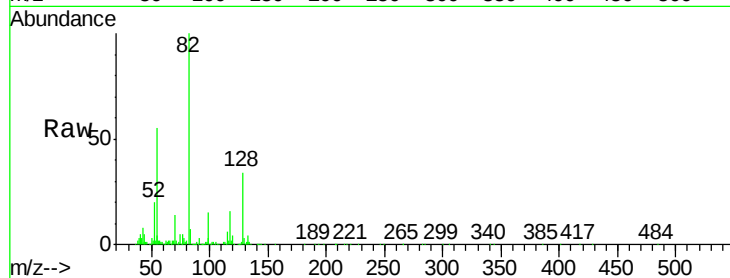
9.11



#23
 Nitrobenzene-d5
 Concen: 81.65 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024693.D
 Acq: 5 Nov 2016 2:26

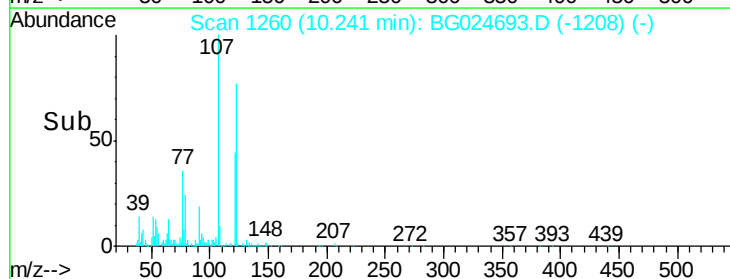
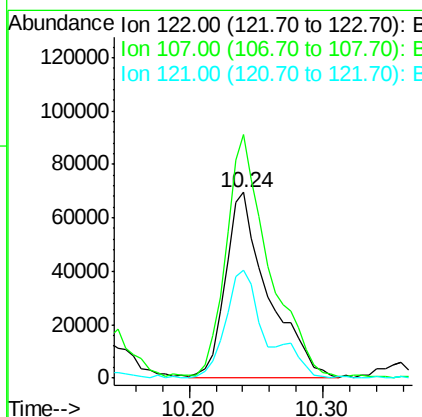
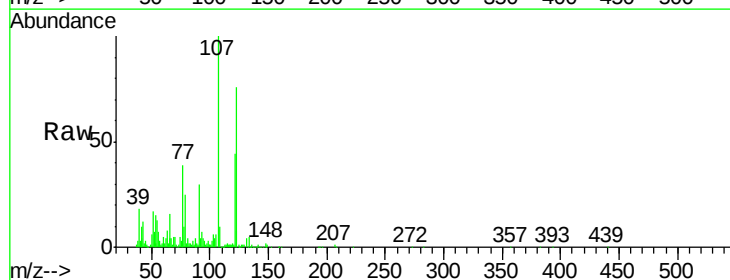
Instrument :
 BNA_G
 ClientSampleId :
 S22-0011

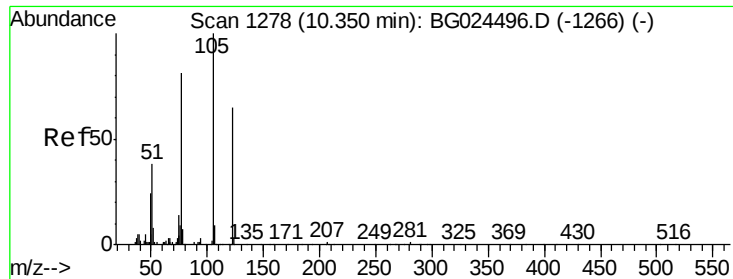
Tot Ion	82	Resp	688385
Ion Ratio	Lower	Upper	
82	100		
128	34.1	26.4	39.6
54	54.9	49.4	74.2



#27
 2,4-Dimethylphenol
 Concen: 25.57 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG024693.D
 Acq: 5 Nov 2016 2:26

Tgt Ion	122	Resp	155859
Ion Ratio	Lower	Upper	
122	100		
107	131.1	104.2	156.4
121	57.8	46.0	69.0

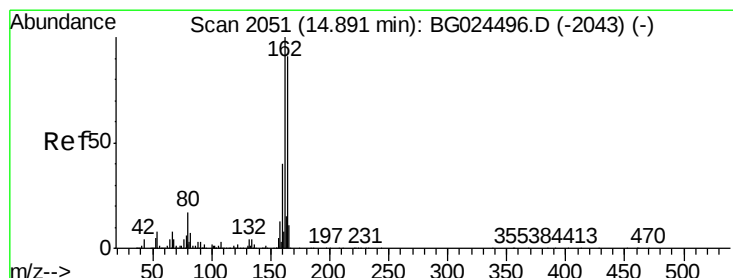
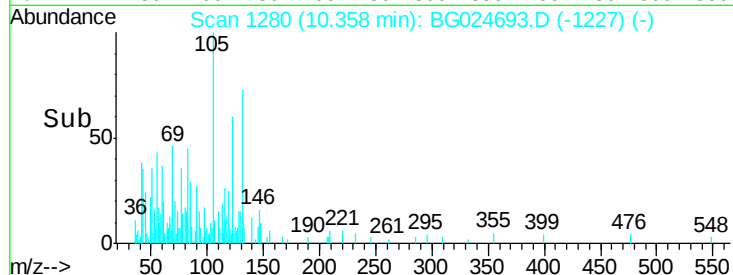
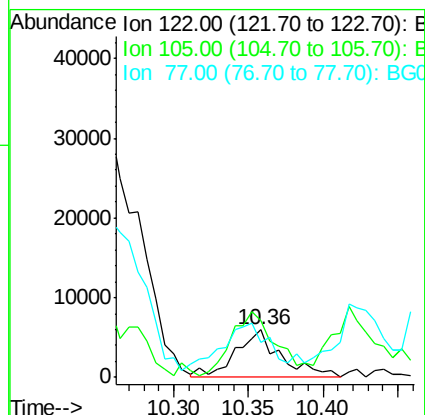
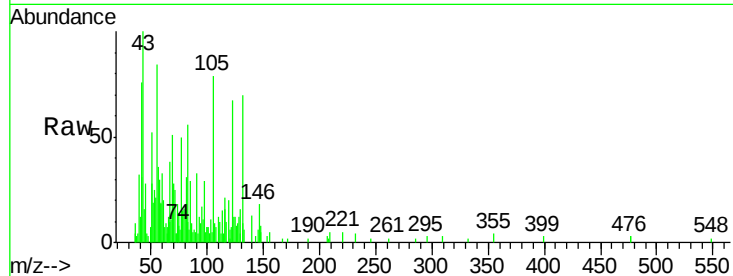




#32
Benzoic acid
Concen: 2.49 ng
RT: 10.36 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BG024693.D
Acq: 5 Nov 2016 2:26

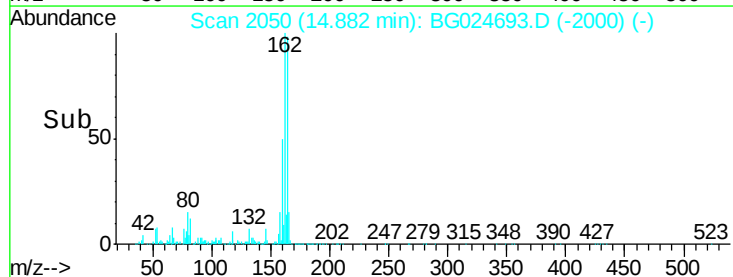
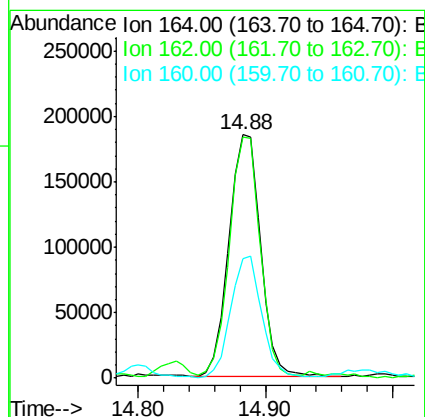
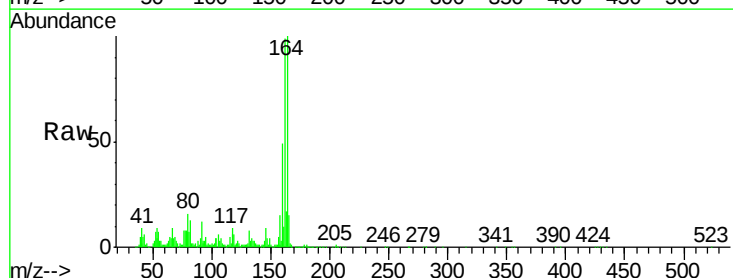
Instrument :
BNA_G
ClientSampleId :
S22-0011

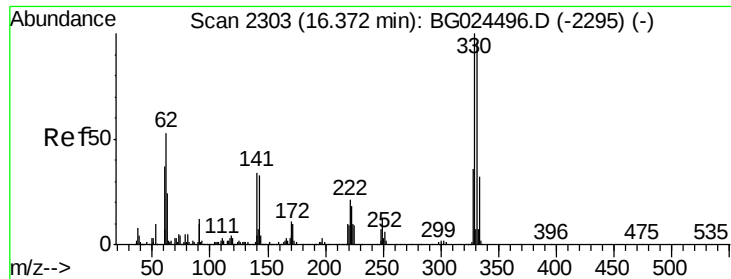
Tot Ion:122 Resp: 12642
Ion Ratio Lower Upper
122 100
105 118.3 120.1 160.1#
77 74.4 104.6 144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024693.D
Acq: 5 Nov 2016 2:26

Tgt Ion:164 Resp: 316907
Ion Ratio Lower Upper
164 100
162 98.9 85.1 127.7
160 49.2 34.7 52.1

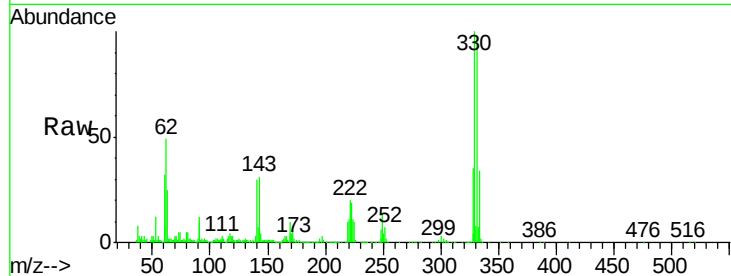




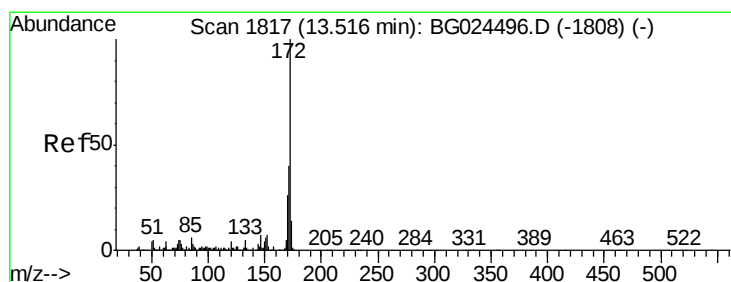
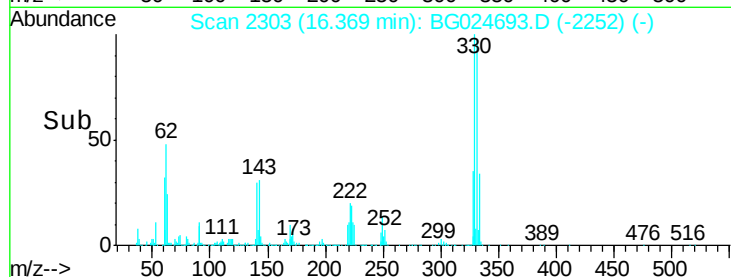
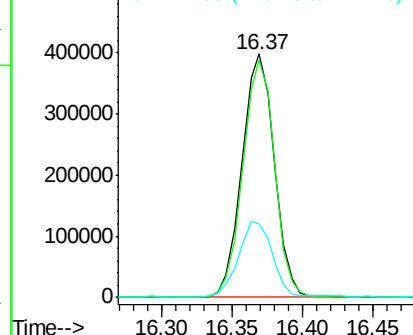
#41
2,4,6-Tribromophenol
Concen: 134.49 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024693.D
Acq: 5 Nov 2016 2:26

Instrument :
BNA_G
ClientSampled :
S22-0011

Tot Ion:330 Resp: 636725
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.3 32.1 48.1

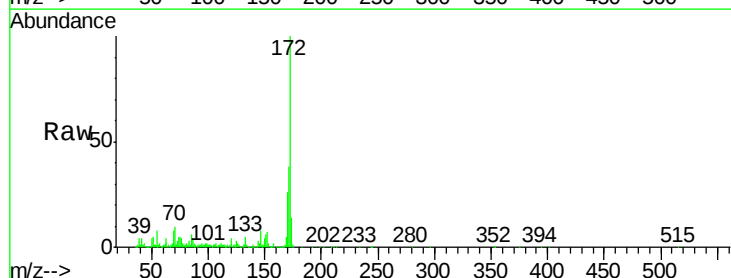


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

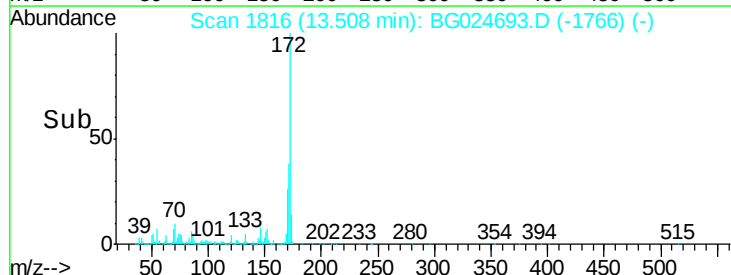
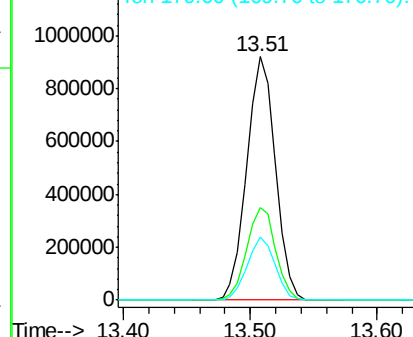


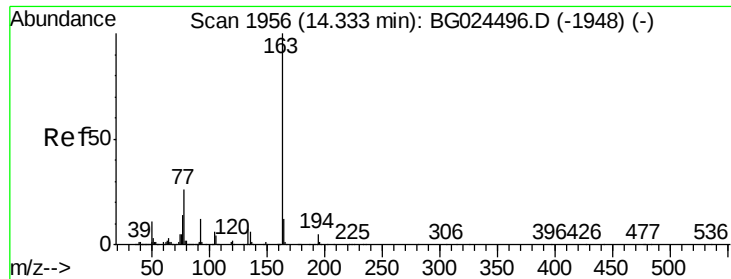
#44
2-Fluorobiphenyl
Concen: 75.88 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024693.D
Acq: 5 Nov 2016 2:26

Tgt Ion:172 Resp: 1446763
Ion Ratio Lower Upper
172 100
171 37.8 32.2 48.2
170 26.0 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: 4.75 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024693.D

Acq: 5 Nov 2016 2:26

Instrument :

BNA_G

ClientSampleId :

S22-0011

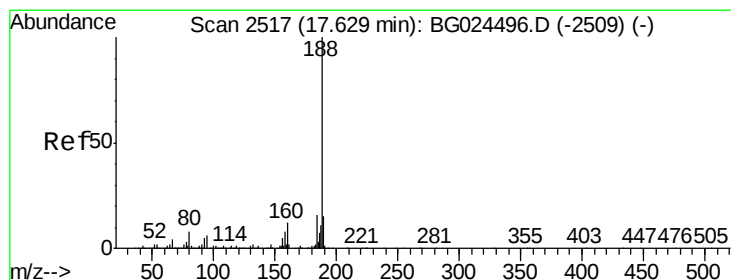
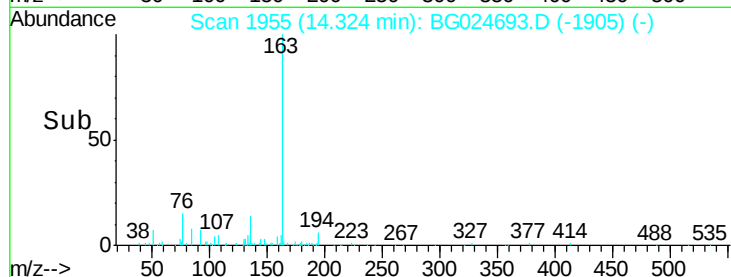
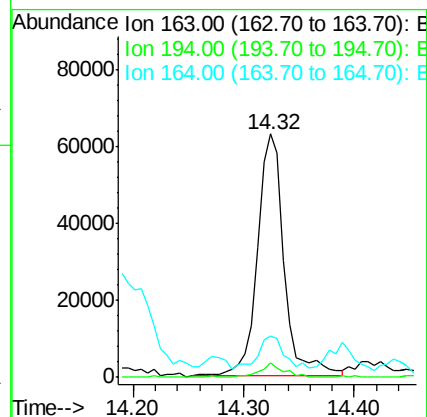
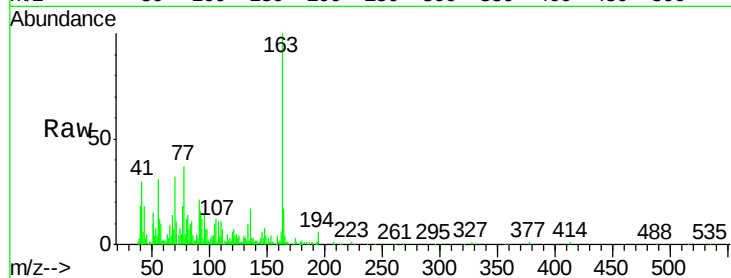
Tot Ion:163 Resp: 106871

Ion Ratio Lower Upper

163 100

194 6.1 3.8 5.6#

164 17.2 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: BG024693.D

Acq: 5 Nov 2016 2:26

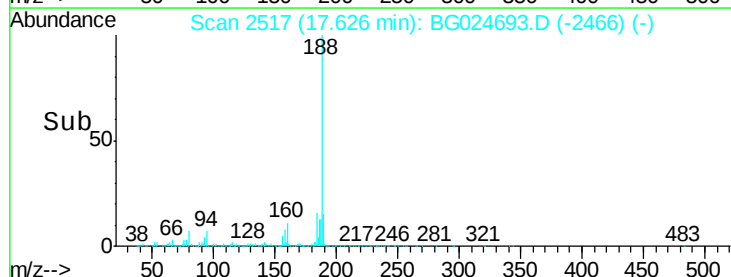
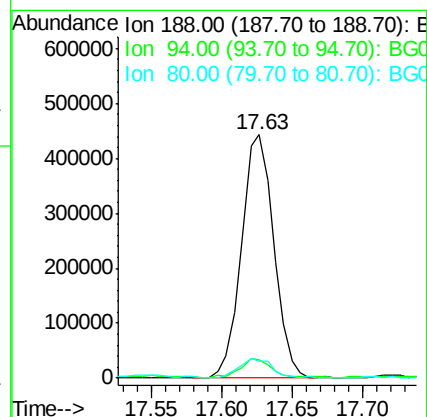
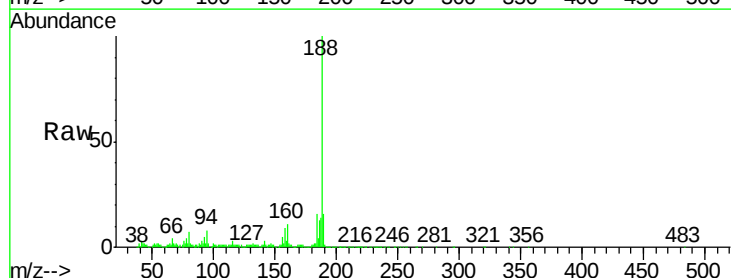
Tgt Ion:188 Resp: 708076

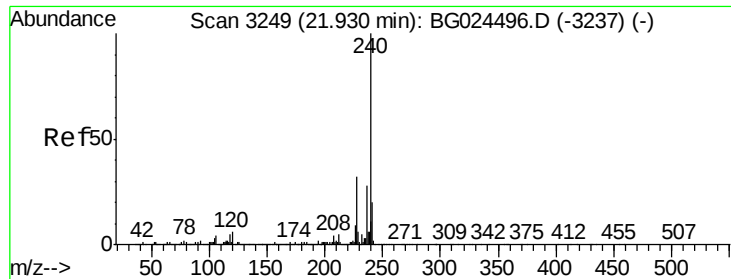
Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.8

80 7.1 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024693.D

Acq: 5 Nov 2016 2:26

Instrument :

BNA_G

ClientSampleId :

S22-0011

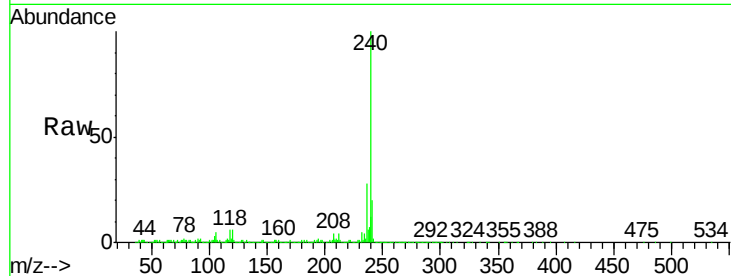
Tot Ion:240 Resp: 971582

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

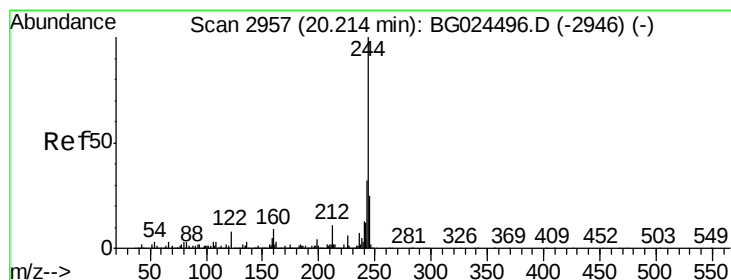
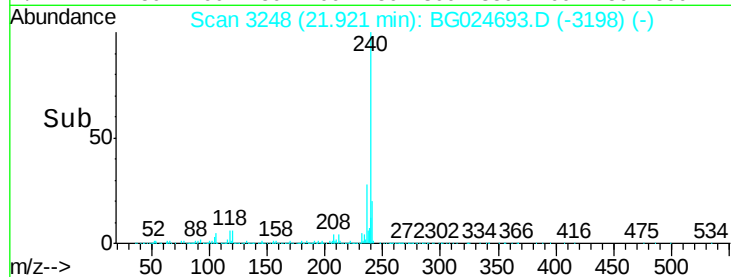
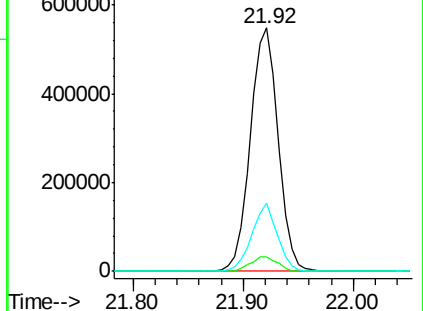
236 27.8 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 69.47 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024693.D

Acq: 5 Nov 2016 2:26

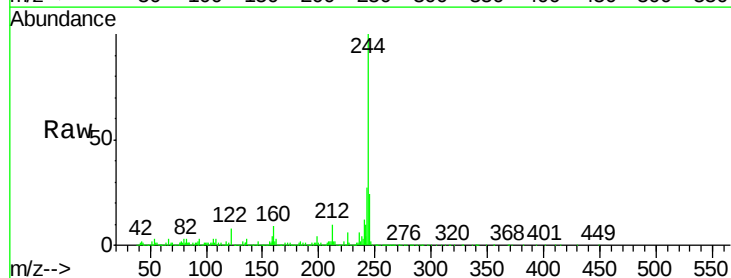
Tgt Ion:244 Resp: 2258669

Ion Ratio Lower Upper

244 100

212 10.3 10.0 15.0

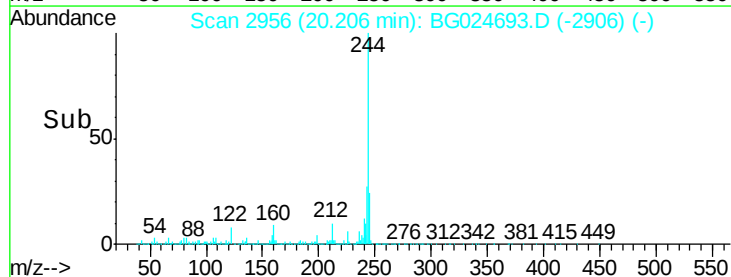
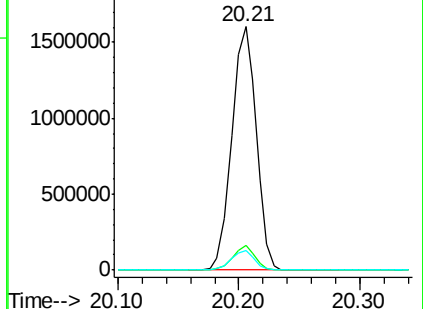
122 8.1 8.6 12.8#

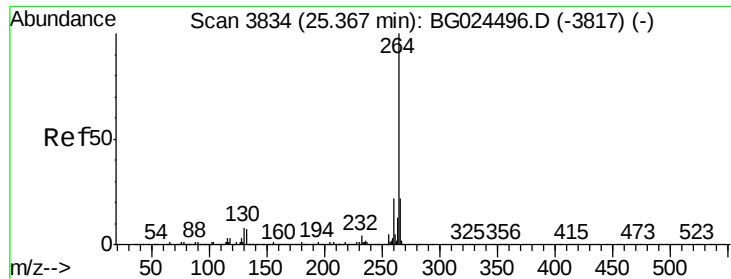


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3831
 Delta R.T. -0.02 min
 Lab File: BG024693.D
 Acq: 5 Nov 2016 2:26

Instrument :
 BNA_G
 ClientSampleId :
 S22-0011

Tot Ion:264 Resp: 1001864

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.3	18.2	27.4

