

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024695.D
 Acq On : 5 Nov 2016 3:43
 Operator : UM/SJ
 Sample : H5531-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0015

Quant Time: Nov 05 03:47:44 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

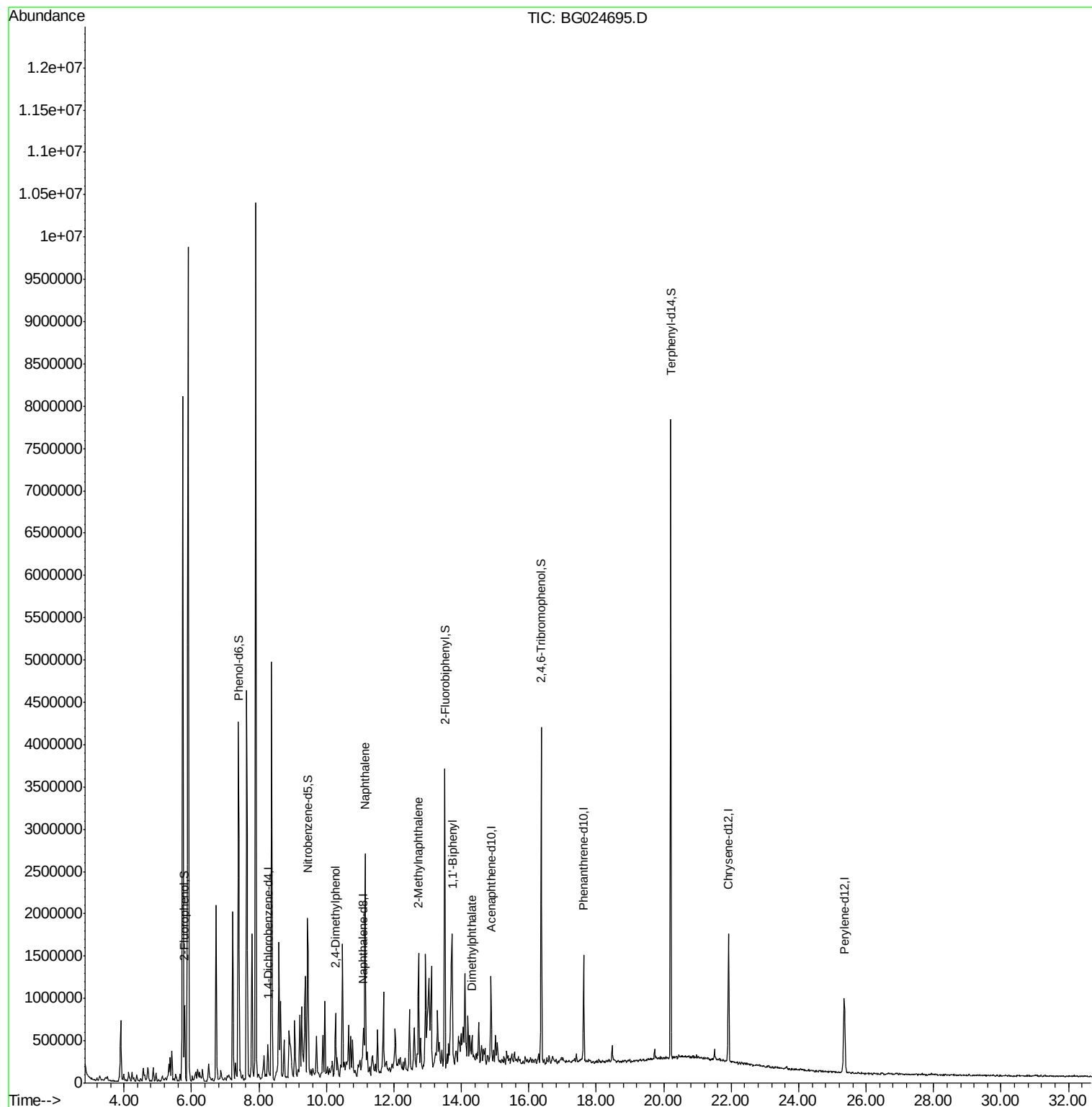
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	106209	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	420669	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	356334	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	758643	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1024548	20.00	ng	-0.01
86) Perylene-d12	25.36	264	1102629	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	356928	55.08	ng	0.00
7) Phenol-d6	7.41	99	313870	35.31	ng	0.00
23) Nitrobenzene-d5	9.45	82	890431	96.37	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	771485	144.92	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1799003	83.91	ng	0.00
78) Terphenyl-d14	20.20	244	3022489	88.15	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.27	122	182621	27.34	ng	95
31) Naphthalene	11.15	128	1968804	93.83	ng	98
37) 2-Methylnaphthalene	12.73	142	600004	39.19	ng	96
45) 1,1'-Biphenyl	13.72	154	69249	2.80	ng	89
49) Dimethylphthalate	14.32	163	106048	4.19	ng	# 60

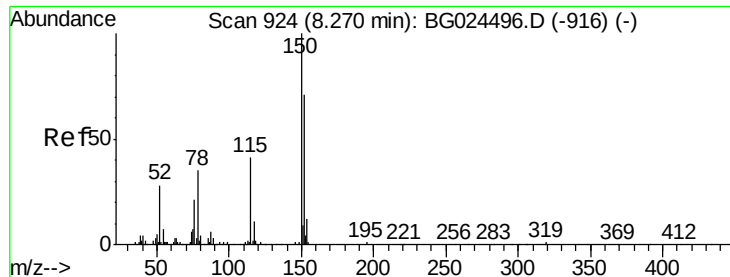
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024695.D

Acq: 5 Nov 2016 3:43

Instrument :

BNA_G

ClientSampleId :

S22-0015

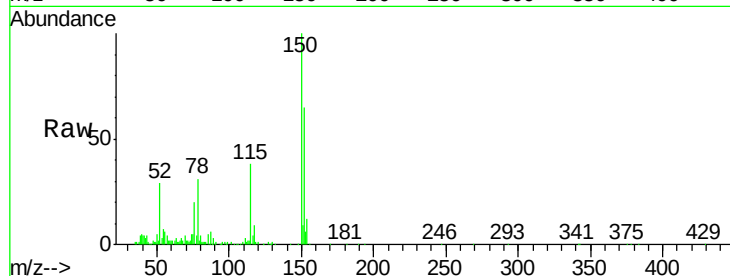
Tot Ion:152 Resp: 106209

Ion Ratio Lower Upper

152 100

150 153.7 114.0 171.0

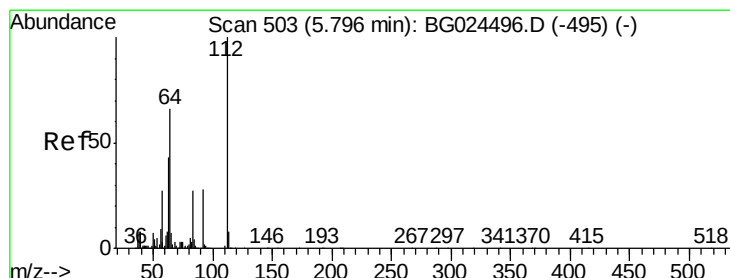
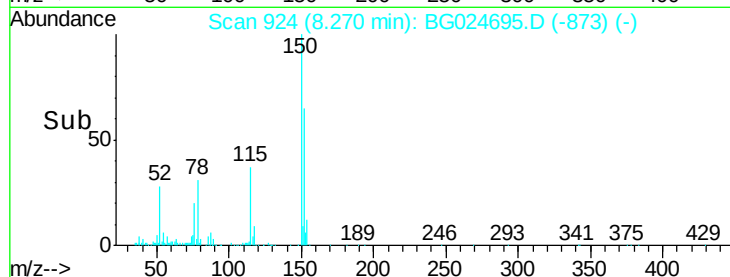
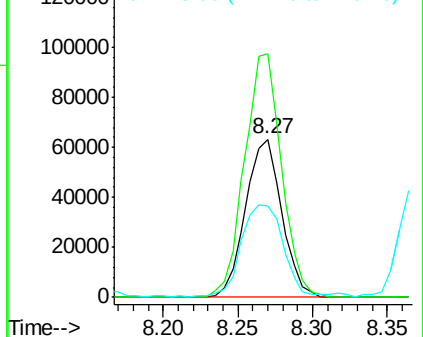
115 57.9 48.1 72.1



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: 55.08 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

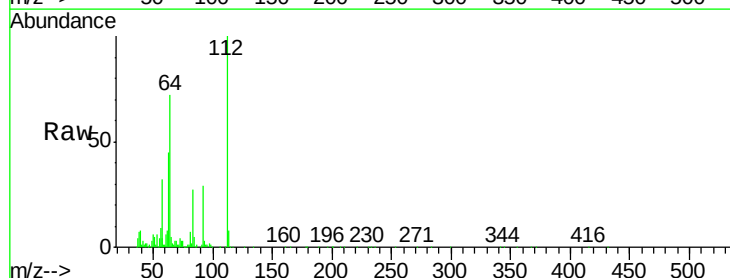
Tgt Ion:112 Resp: 356928

Ion Ratio Lower Upper

112 100

64 71.7 61.8 92.6

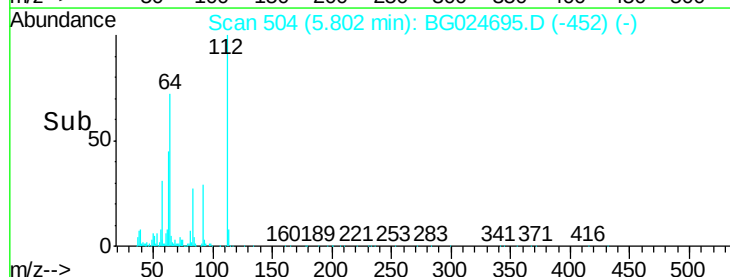
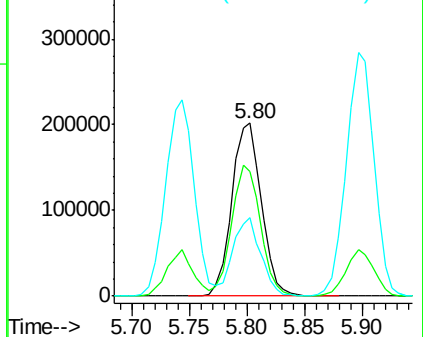
63 45.3 37.2 55.8

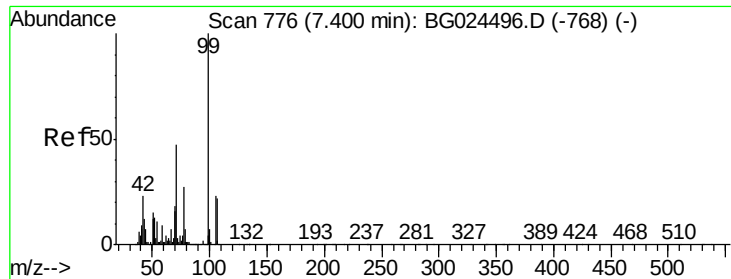


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 35.31 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

Instrument :

BNA_G

ClientSampleId :

S22-0015

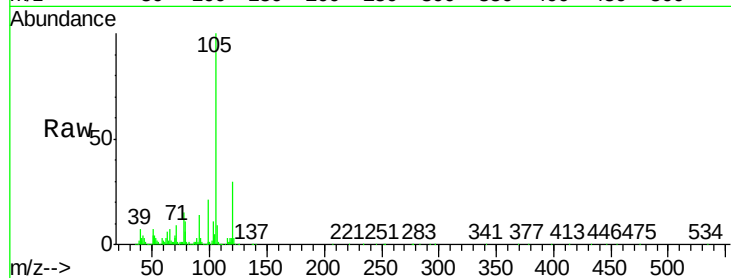
Tot Ion: 99 Resp: 313870

Ion Ratio Lower Upper

99 100

42 20.4 20.5 30.7#

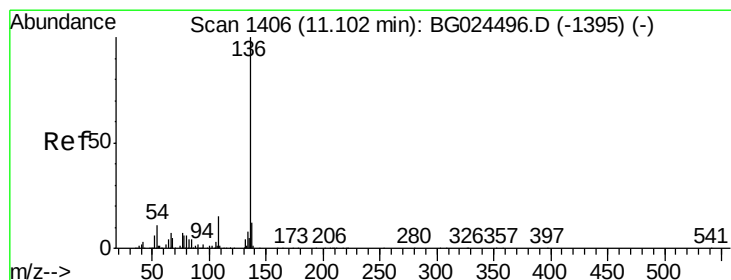
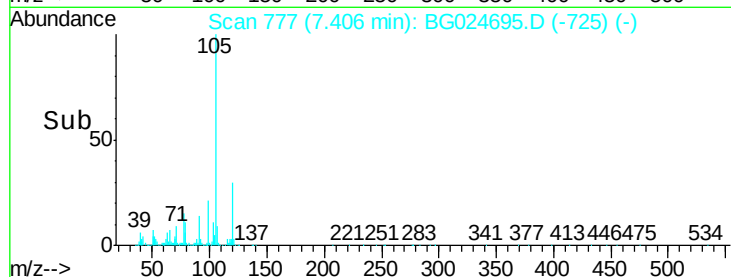
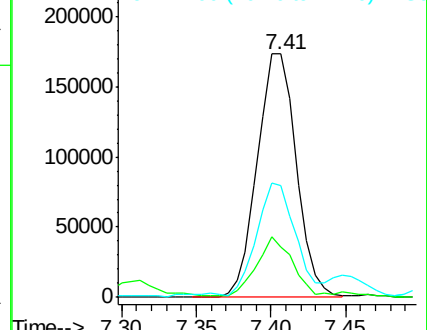
71 45.8 37.6 56.4



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: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

Tgt Ion: 136 Resp: 420669

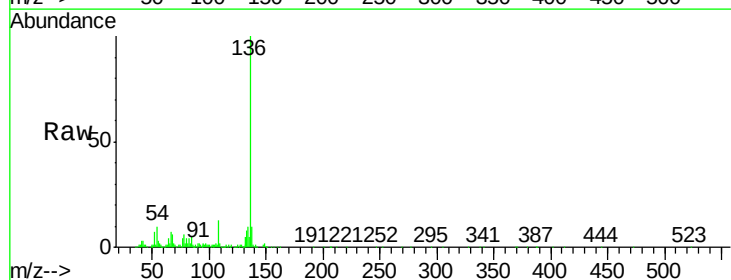
Ion Ratio Lower Upper

136 100

137 9.7 8.9 13.3

54 10.1 9.3 13.9

68 5.7 5.1 7.7

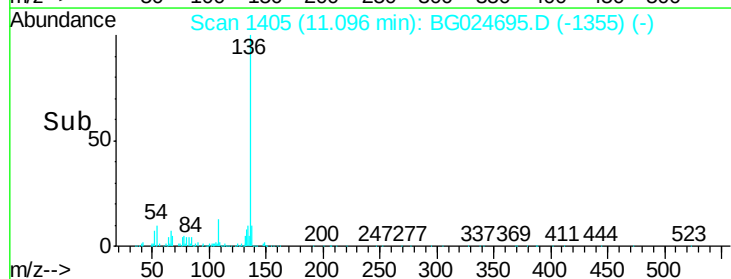
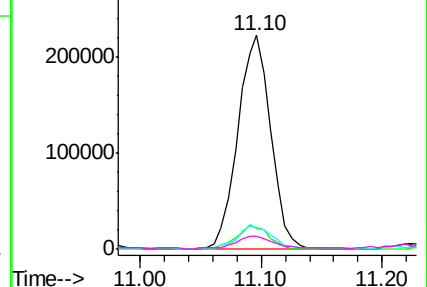


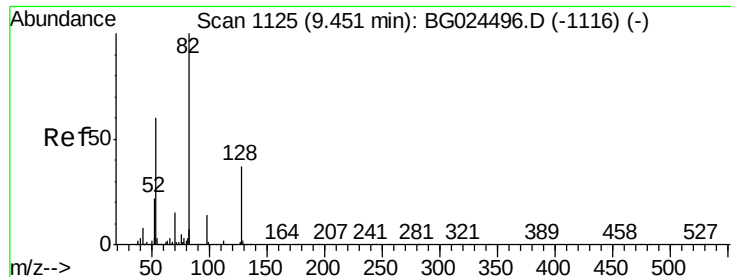
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

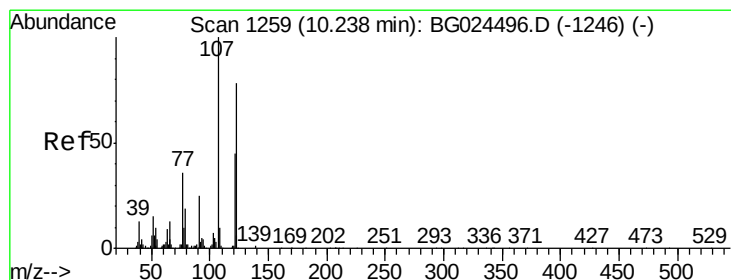
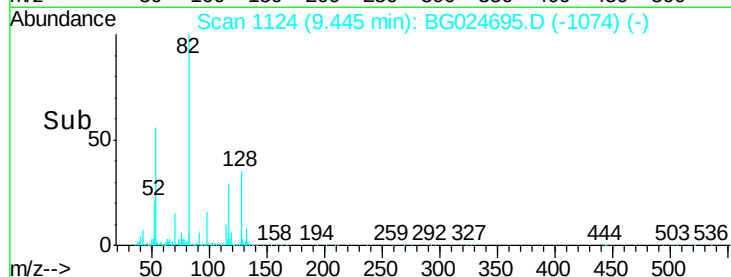
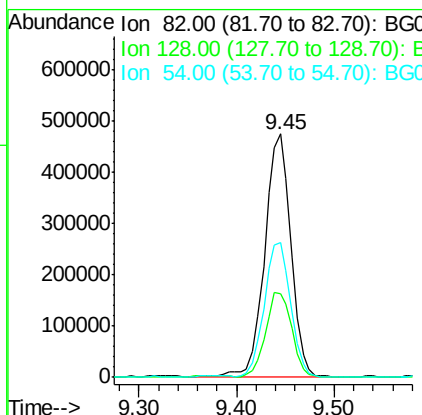
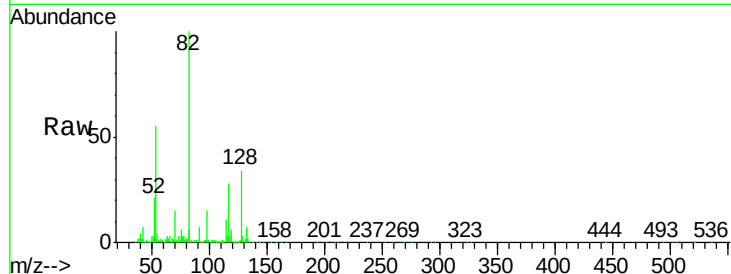




#23
Nitrobenzene-d5
Concen: 96.37 ng
RT: 9.45 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

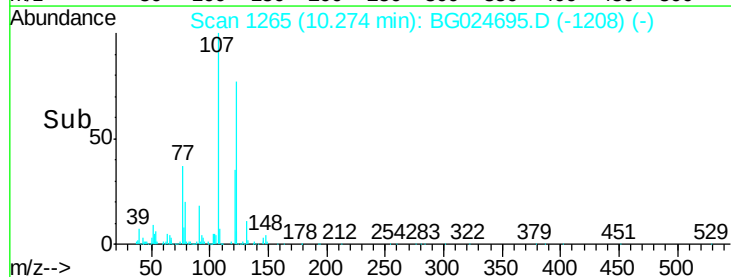
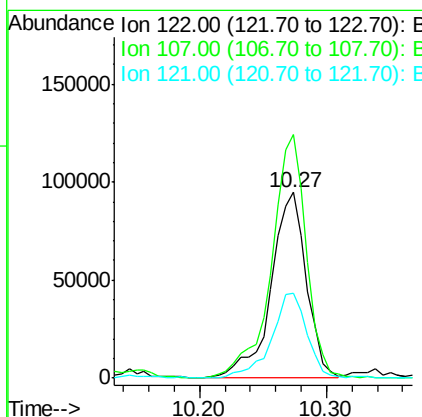
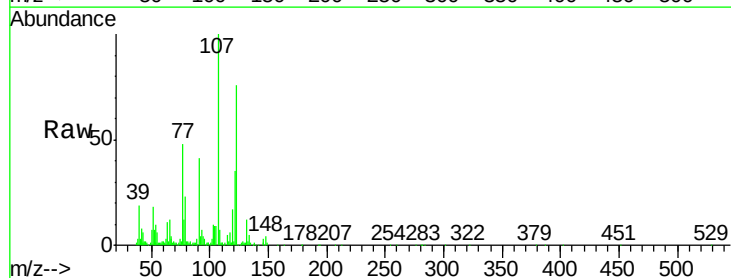
Instrument :
BNA_G
ClientSampleId :
S22-0015

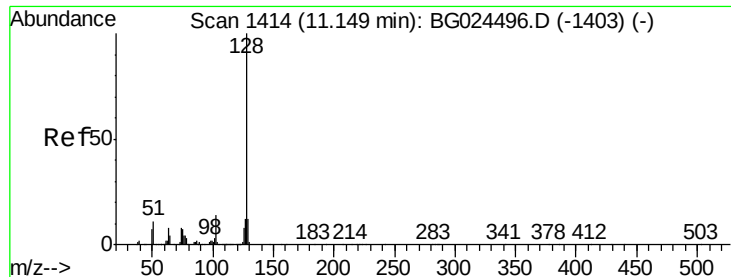
Tot Ion	82	Resp	890431
Ion Ratio	Lower	Upper	
82	100		
128	34.2	26.4	39.6
54	55.2	49.4	74.2



#27
2,4-Dimethylphenol
Concen: 27.34 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.04 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

Tgt Ion	122	Resp	182621
Ion Ratio	Lower	Upper	
122	100		
107	131.3	104.2	156.4
121	46.1	46.0	69.0





#31

Naphthalene

Concen: 93.83 ng

RT: 11.15 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

Instrument :

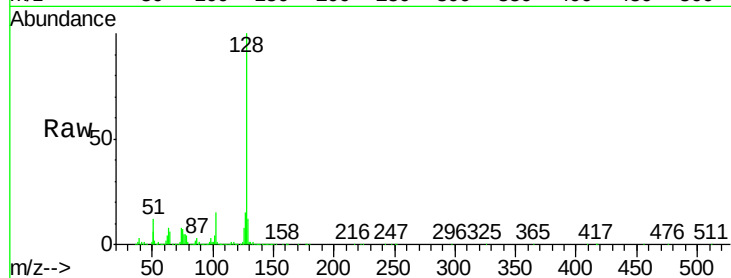
BNA_G

ClientSampled :

S22-0015

Tot Ion:128 Resp: 1968804

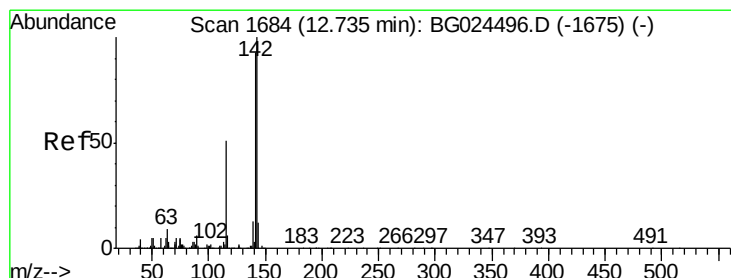
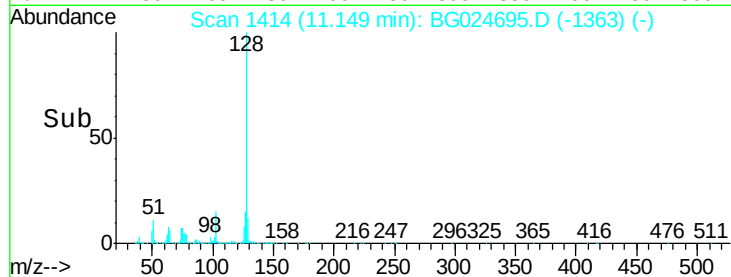
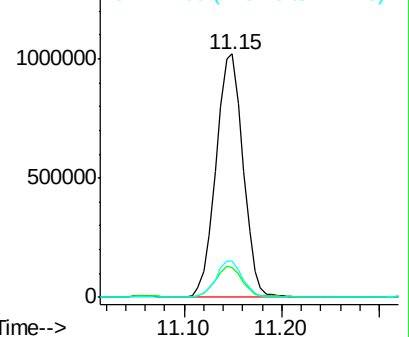
Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.3	13.9
127	14.9	11.4	17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 39.19 ng

RT: 12.73 min Scan# 1683

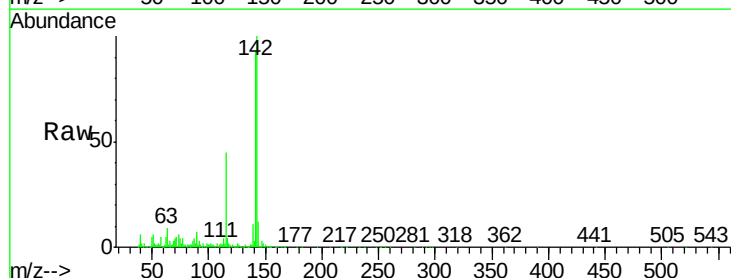
Delta R.T. -0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

Tgt Ion:142 Resp: 600004

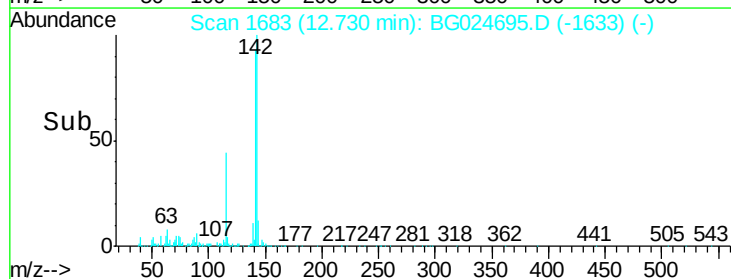
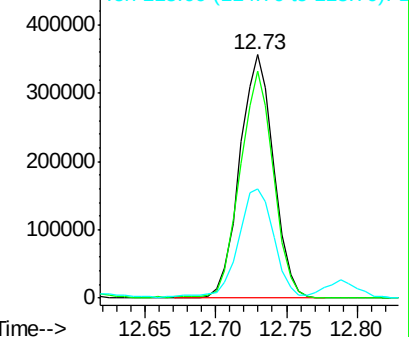
Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.4	105.6
115	44.6	35.5	53.3

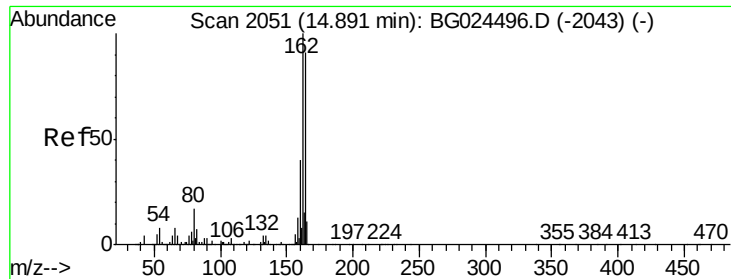


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

Instrument :

BNA_G

ClientSampleId :

S22-0015

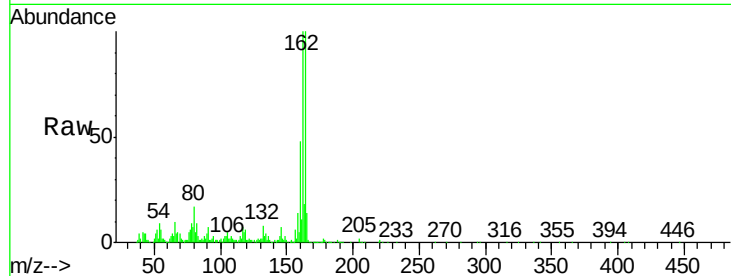
Tot Ion:164 Resp: 356334

Ion Ratio Lower Upper

164 100

162 99.7 85.1 127.7

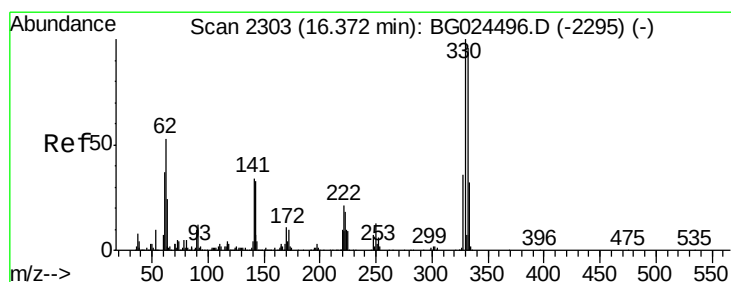
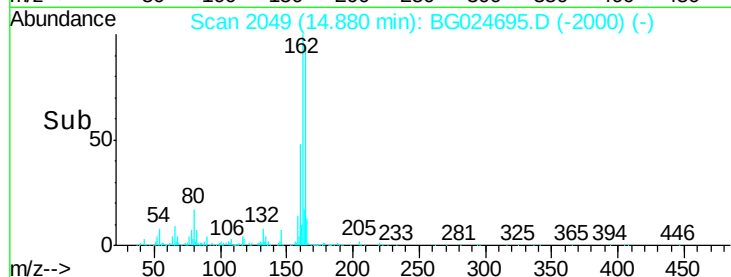
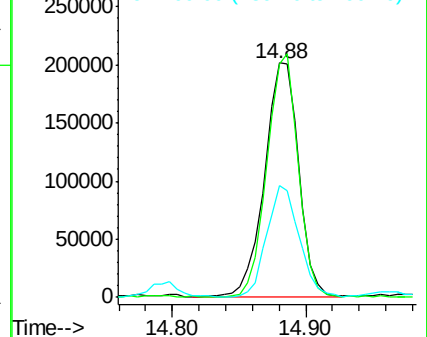
160 47.5 34.7 52.1



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: 144.92 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

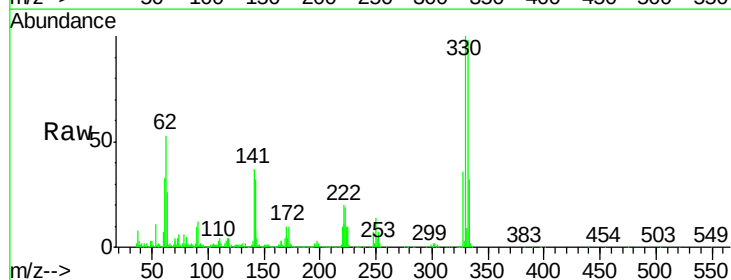
Tgt Ion:330 Resp: 771485

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

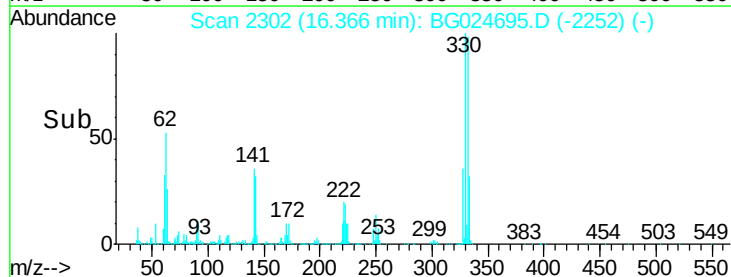
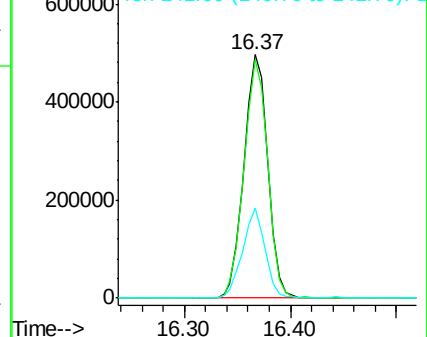
141 34.0 32.1 48.1

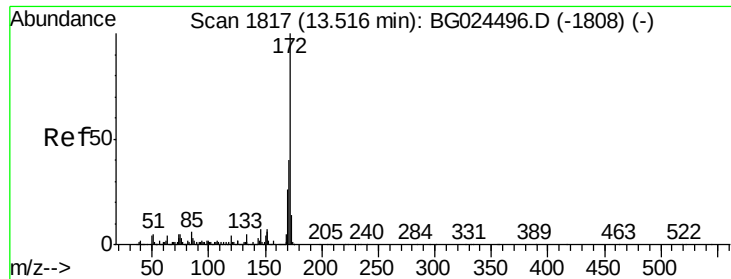


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

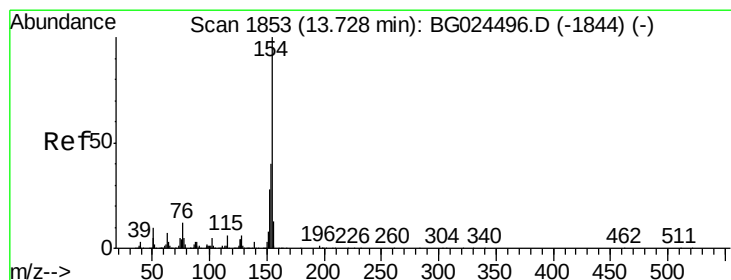
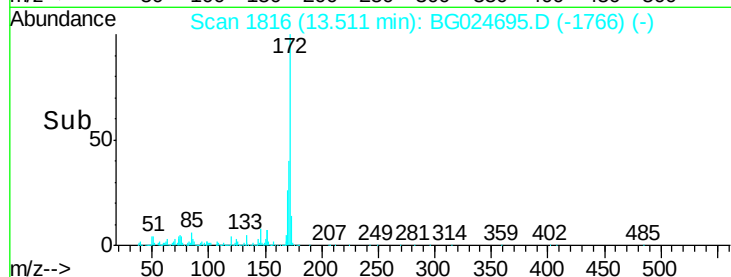
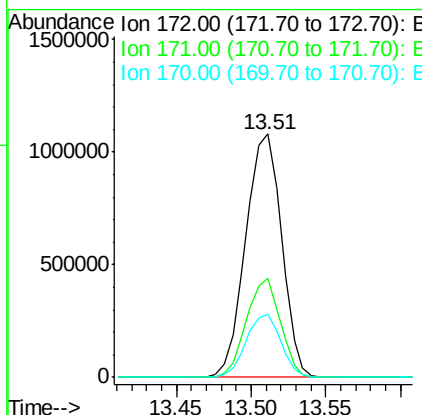
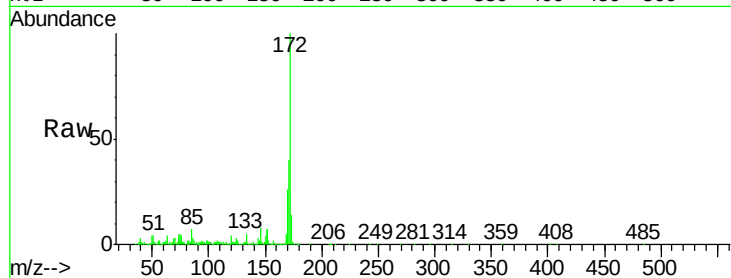




#44
2-Fluorobiphenyl
Concen: 83.91 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

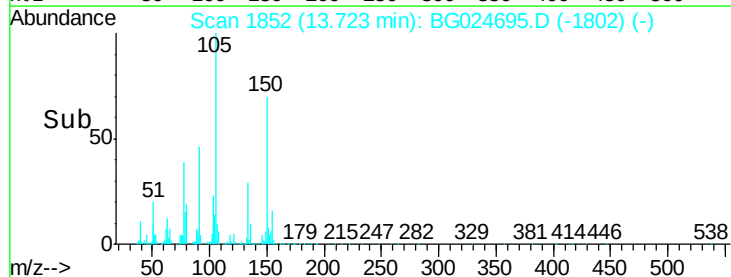
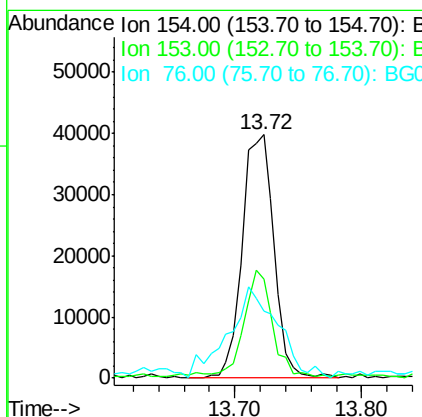
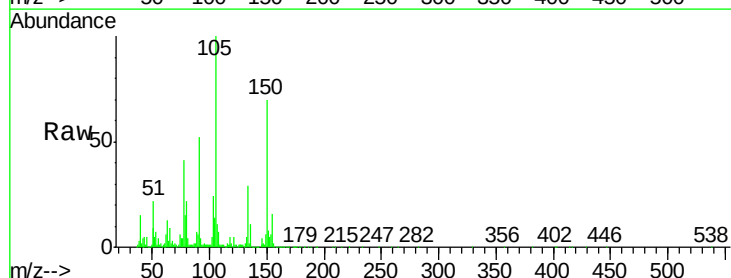
Instrument :
BNA_G
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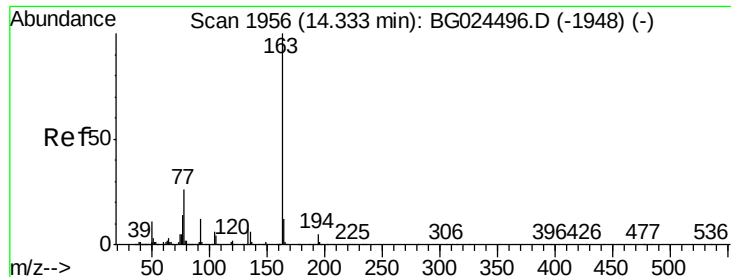
Tot Ion:172 Resp: 1799003
Ion Ratio Lower Upper
172 100
171 40.5 32.2 48.2
170 26.1 21.8 32.6



#45
1,1'-Biphenyl
Concen: 2.80 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

Tgt Ion:154 Resp: 69249
Ion Ratio Lower Upper
154 100
153 40.4 23.0 63.0
76 27.4 0.0 33.5





#49

Dimethylphthalate

Concen: 4.19 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

Instrument :

BNA_G

ClientSampleId :

S22-0015

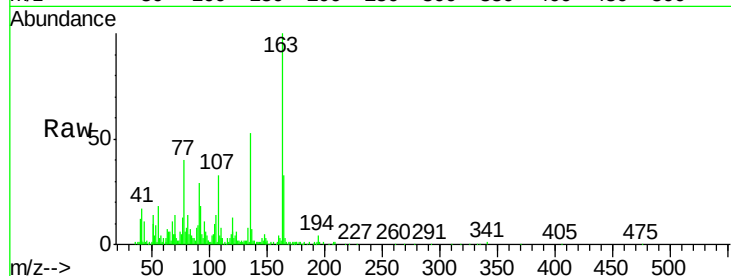
Tot Ion:163 Resp: 106048

Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.6

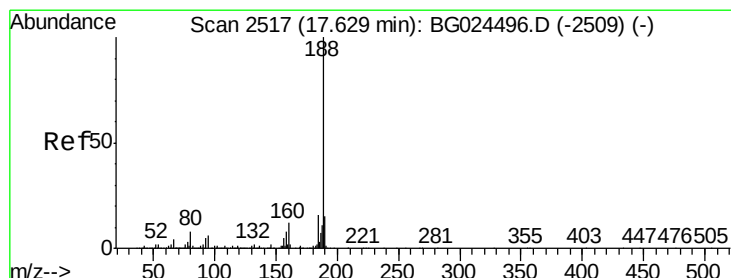
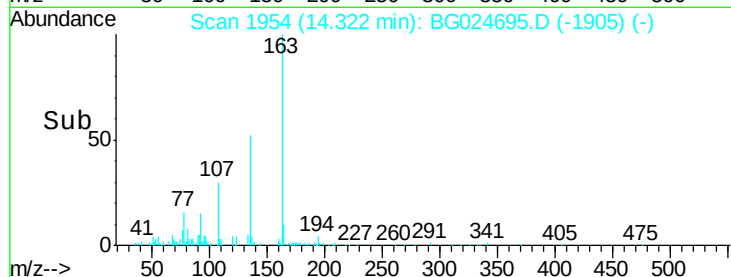
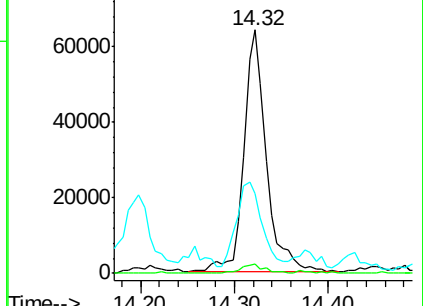
164 32.9 9.3 13.9#



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: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

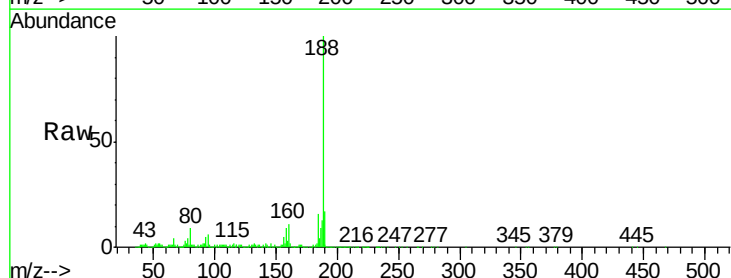
Tgt Ion:188 Resp: 758643

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

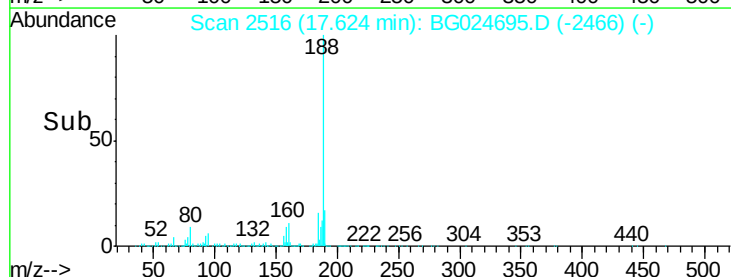
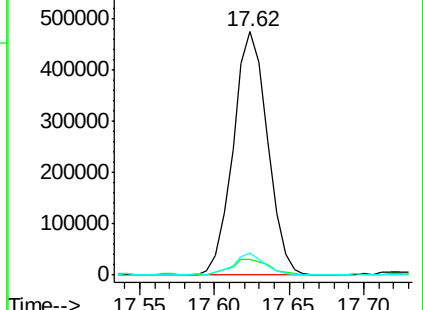
80 9.4 7.5 11.3

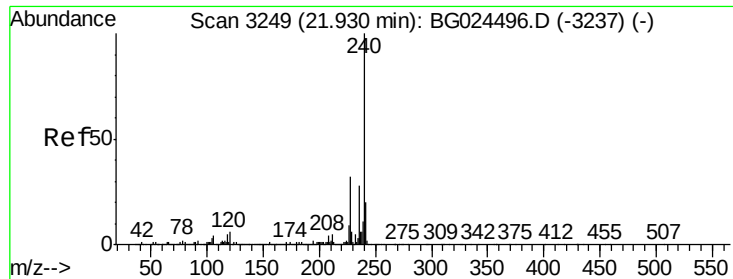


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

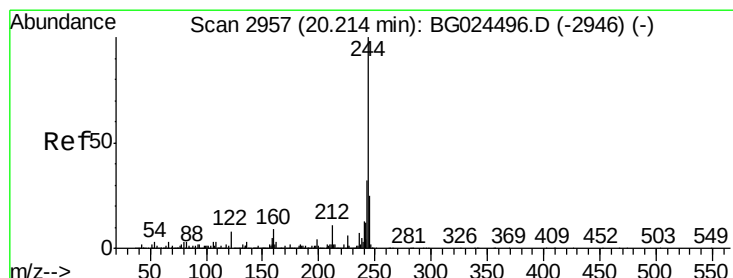
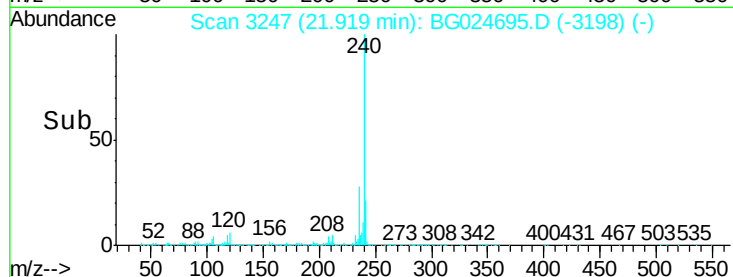
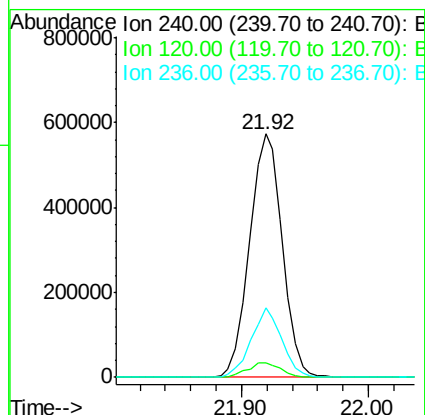
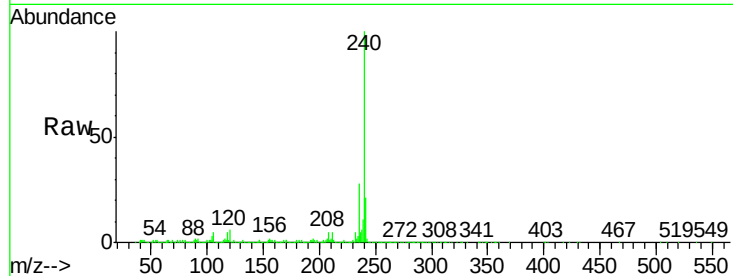




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

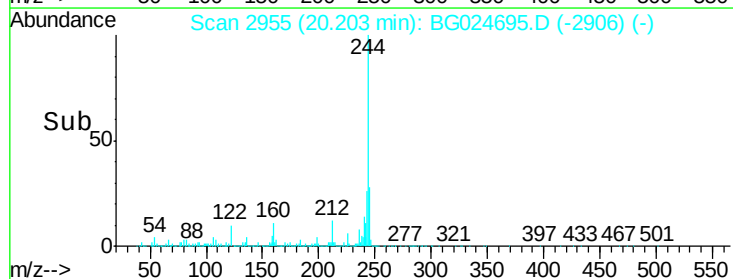
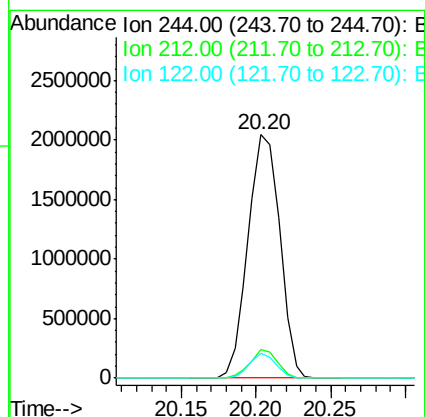
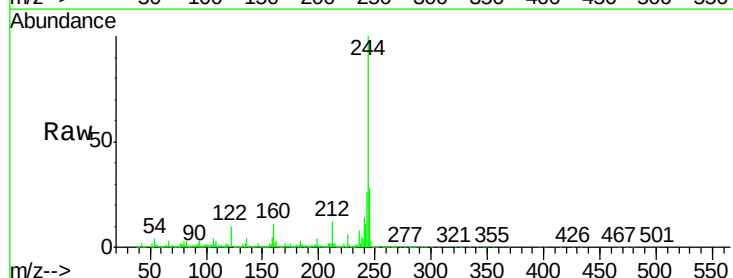
Instrument :
BNA_G
ClientSampleId :
S22-0015

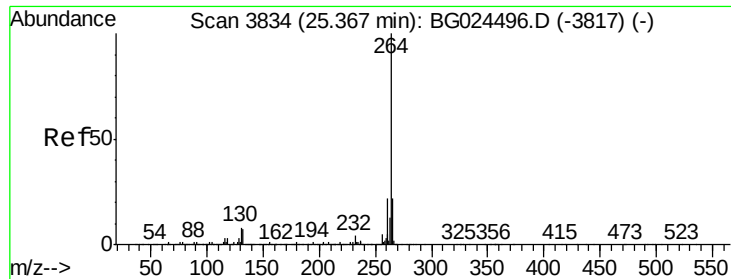
Tot Ion:240 Resp: 1024548
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 28.5 22.2 33.4



#78
Terphenyl-d14
Concen: 88.15 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

Tgt Ion:244 Resp: 3022489
Ion Ratio Lower Upper
244 100
212 11.7 10.0 15.0
122 10.3 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

Instrument :
BNA_G
ClientSampleId :
S22-0015

Tot Ion:264 Resp: 1102629

Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	19.5	18.2	27.4

