

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024663.D
 Acq On : 4 Nov 2016 1:36
 Operator : UM/SJ
 Sample : H5500-05RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

Quant Time: Nov 04 02:16:35 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

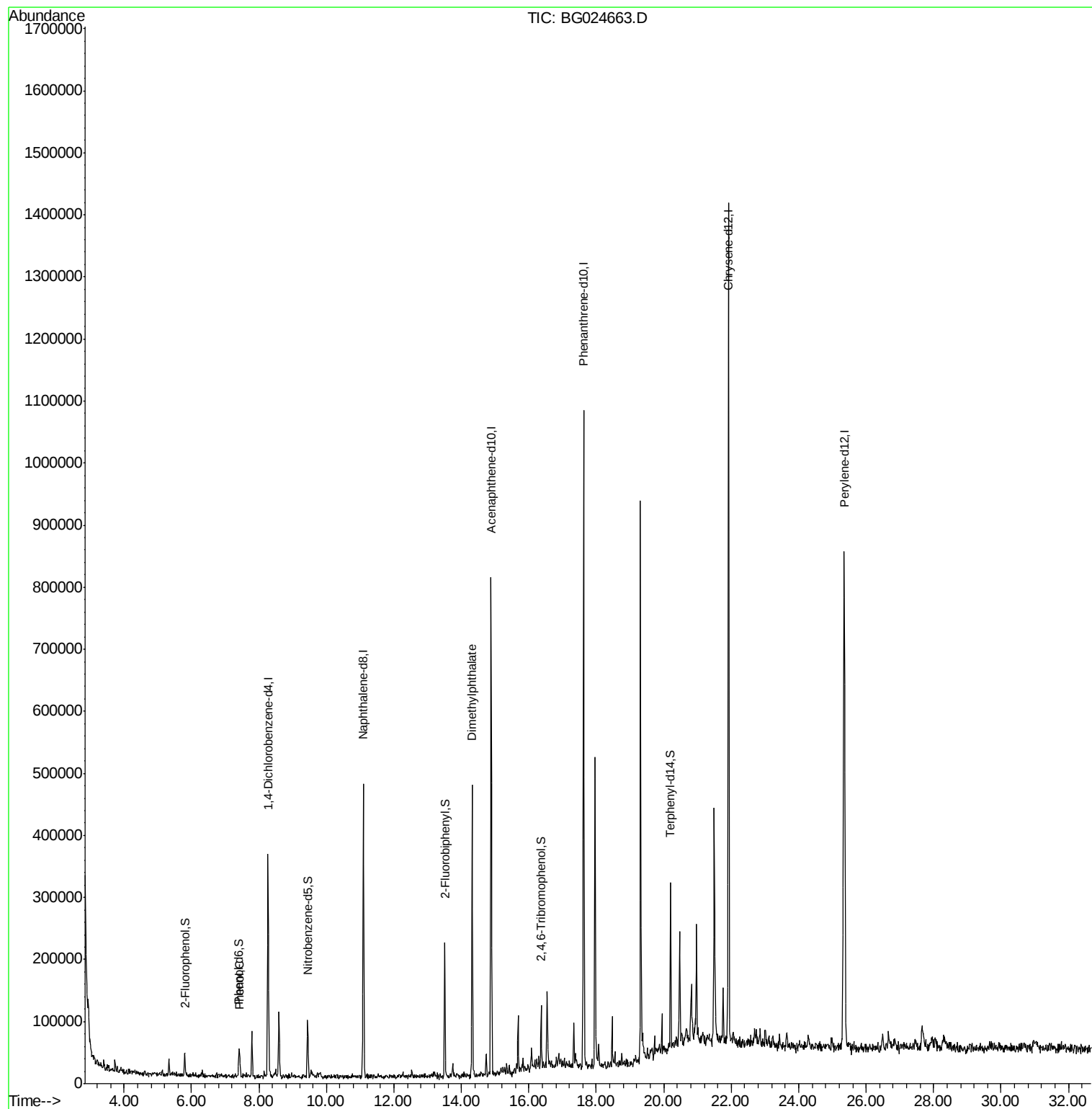
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	93697	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	373127	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	295472	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	688147	20.00	ng	0.00
75) Chrysene-d12	21.92	240	945735	20.00	ng	0.00
86) Perylene-d12	25.35	264	984739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	13557	2.37	ng	0.00
7) Phenol-d6	7.40	99	22165	2.83	ng	0.00
23) Nitrobenzene-d5	9.45	82	61832	7.54	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	20215	4.58	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	108936	6.13	ng	0.00
78) Terphenyl-d14	20.20	244	120531	3.81	ng	-0.02
Target Compounds						
10) Phenol	7.42	94	16809	2.08	ng	Qvalue 85
49) Dimethylphthalate	14.32	163	290907	13.87	ng	# 95

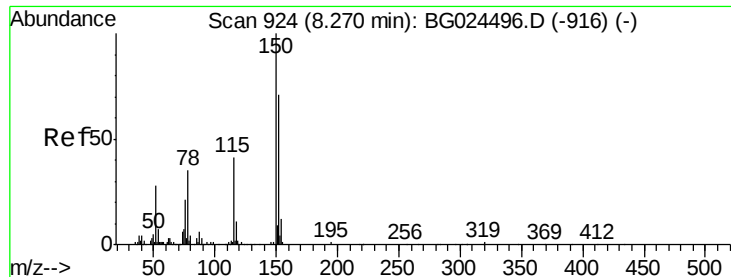
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

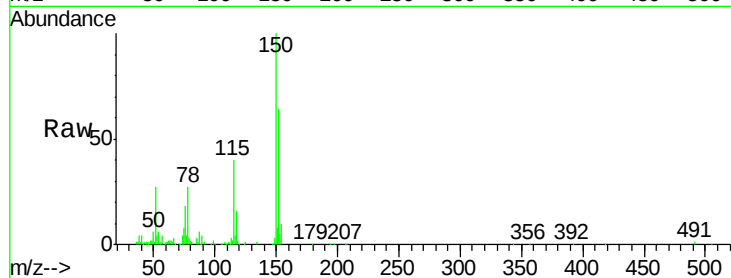
Tgt Ion:152 Resp: 93697

Ion Ratio Lower Upper

152 100

150 156.5 114.0 171.0

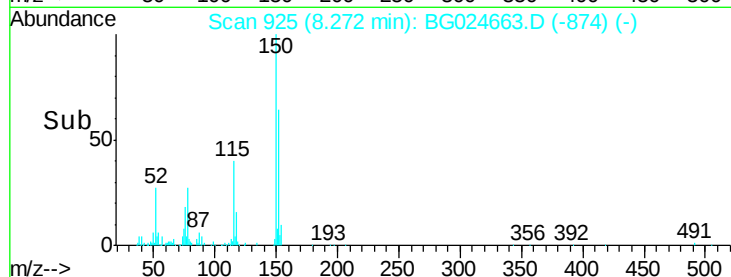
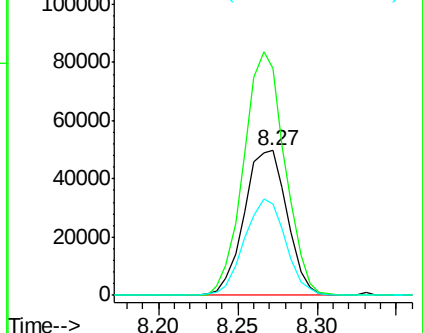
115 62.8 48.1 72.1



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: 2.37 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

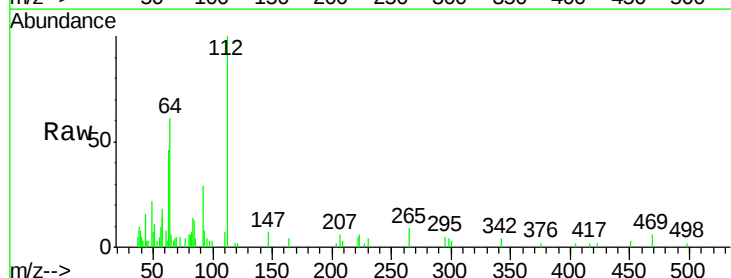
Tgt Ion:112 Resp: 13557

Ion Ratio Lower Upper

112 100

64 61.4 61.8 92.6#

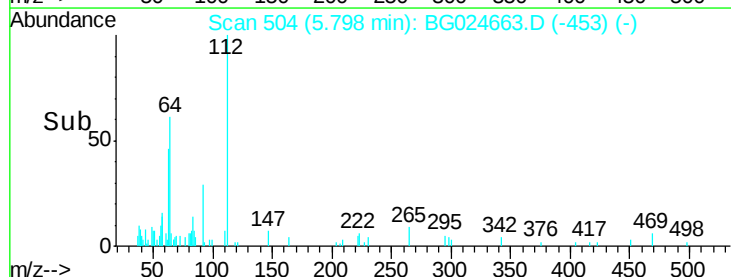
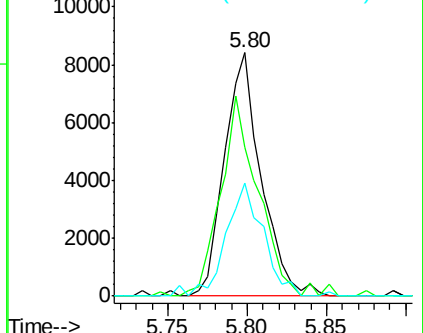
63 46.4 37.2 55.8

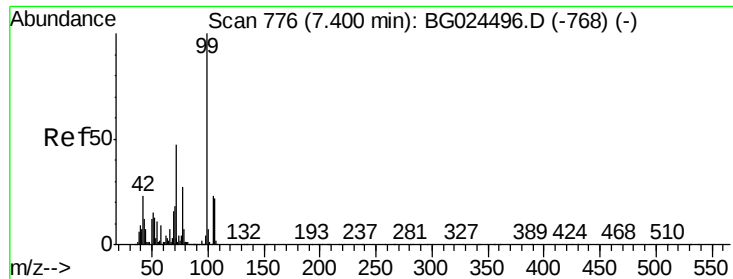


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 2.83 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

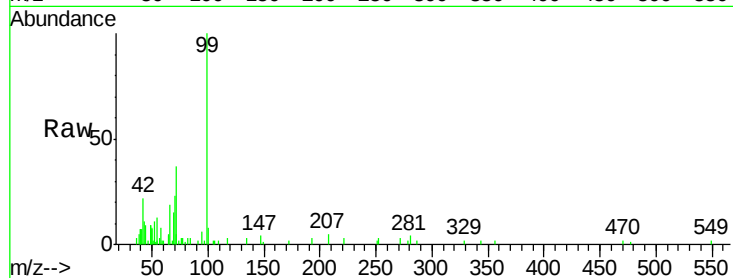
Tgt Ion: 99 Resp: 22165

Ion Ratio Lower Upper

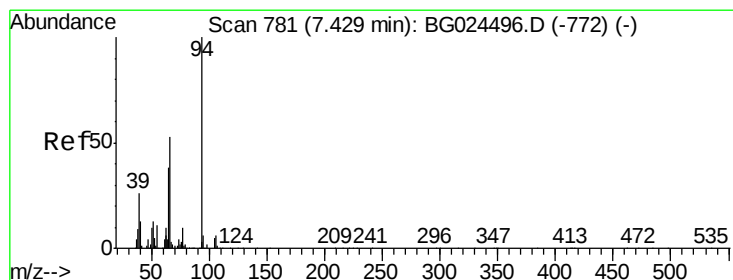
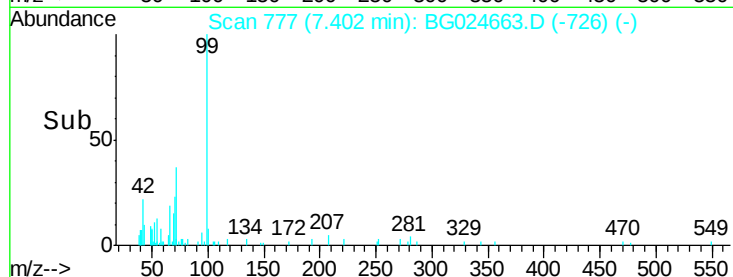
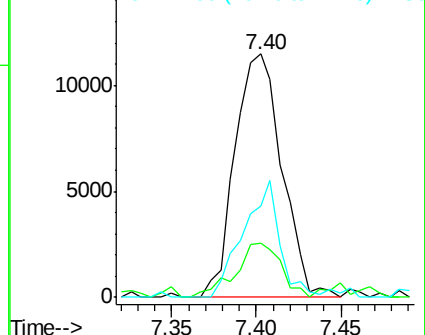
99 100

42 22.2 20.5 30.7

71 37.4 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: 2.08 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

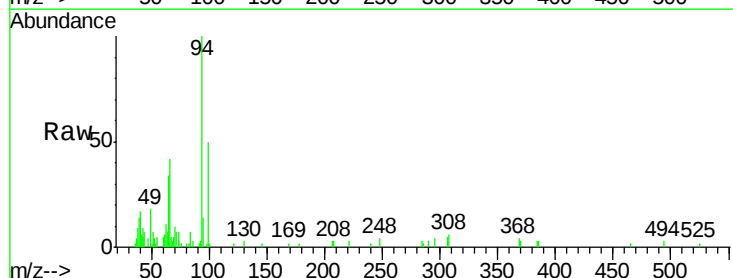
Tgt Ion: 94 Resp: 16809

Ion Ratio Lower Upper

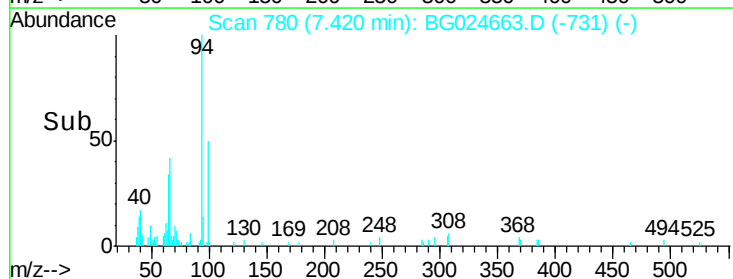
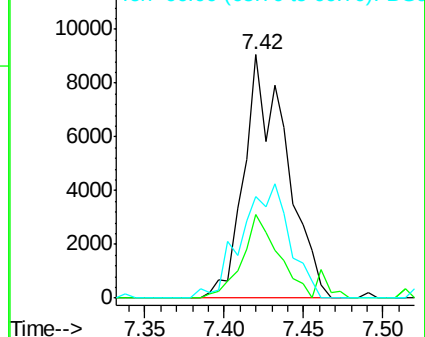
94 100

65 34.2 20.6 60.6

66 41.6 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

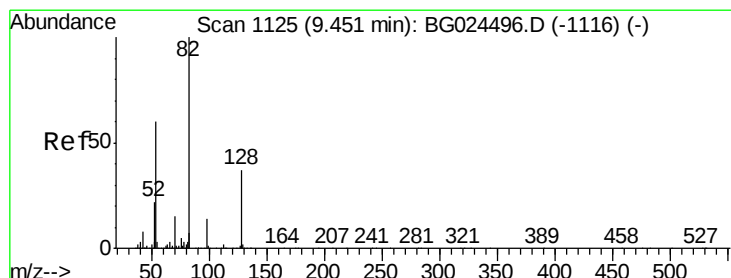
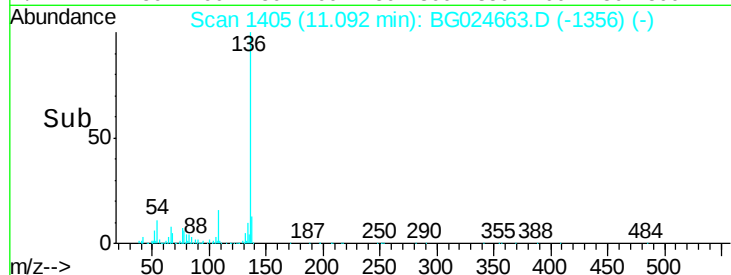
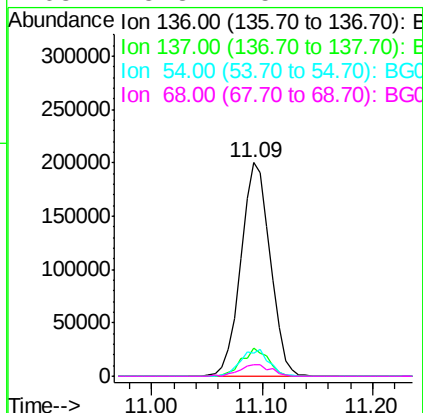
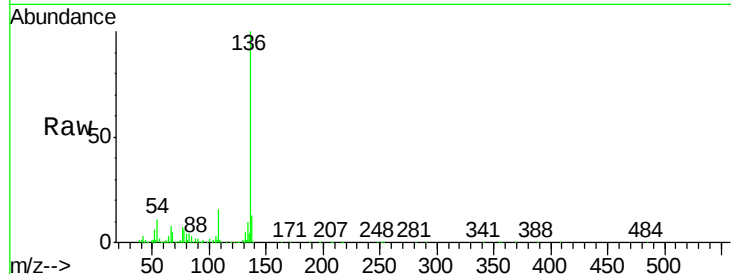




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024663.D
Acq: 4 Nov 2016 1:36

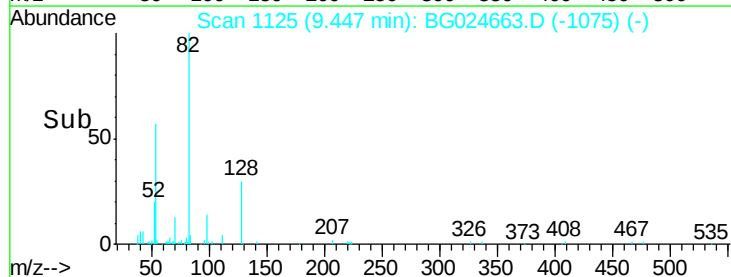
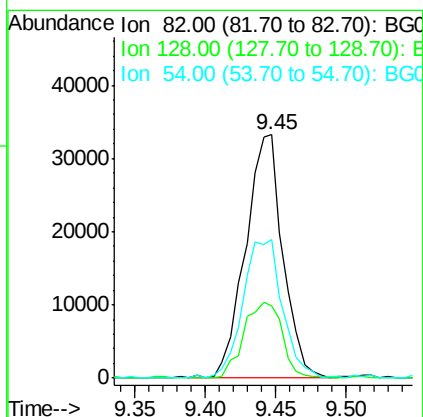
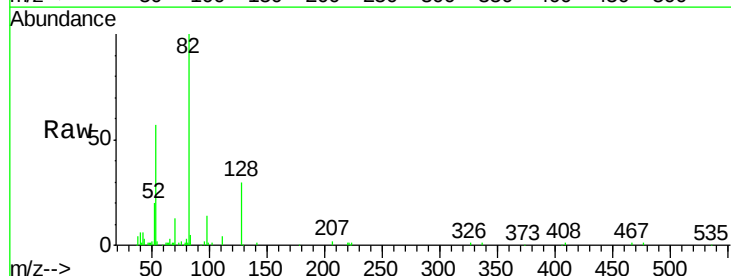
Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

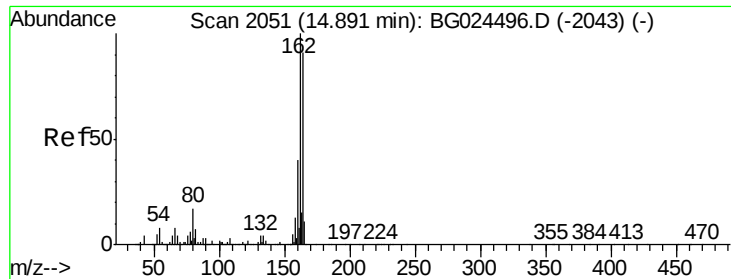
Tgt Ion:	136	Resp:	373127
Ion	Ratio	Lower	Upper
136	100		
137	13.2	8.9	13.3
54	10.8	9.3	13.9
68	5.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 7.54 ng
RT: 9.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG024663.D
Acq: 4 Nov 2016 1:36

Tgt Ion:	82	Resp:	61832
Ion	Ratio	Lower	Upper
82	100		
128	29.7	26.4	39.6
54	57.0	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: BG024663.D

Acq: 4 Nov 2016 1:36

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

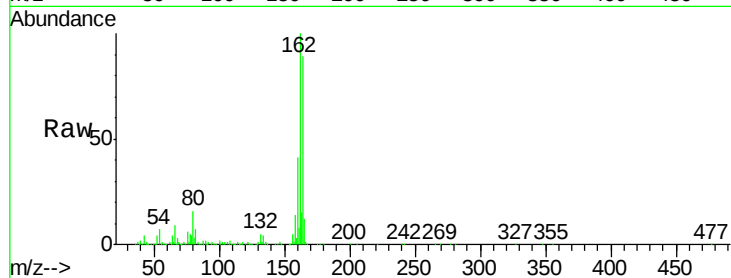
Tgt Ion:164 Resp: 295472

Ion Ratio Lower Upper

164 100

162 112.5 85.1 127.7

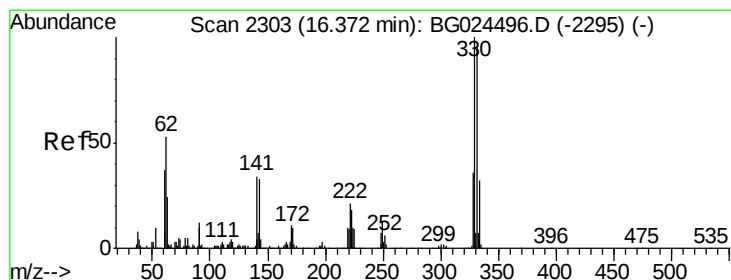
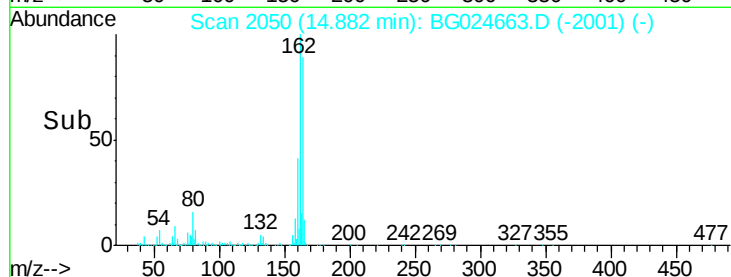
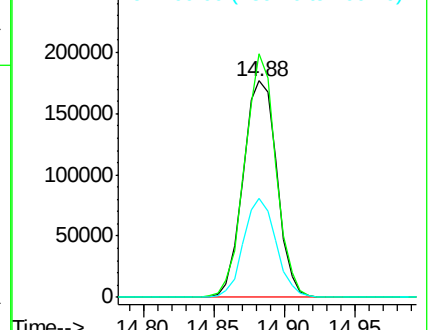
160 45.7 34.7 52.1



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: 4.58 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

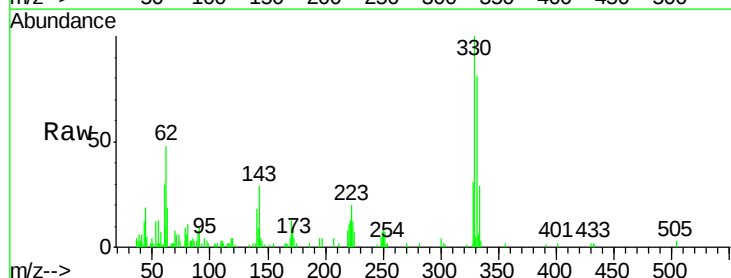
Tgt Ion:330 Resp: 20215

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

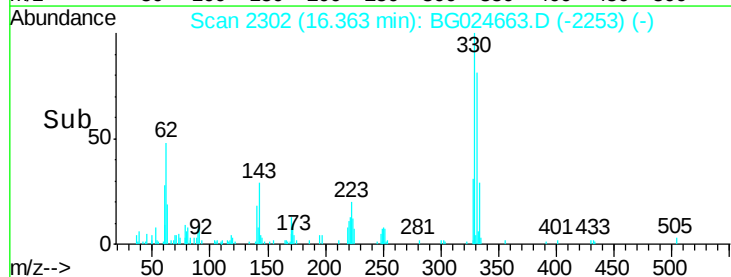
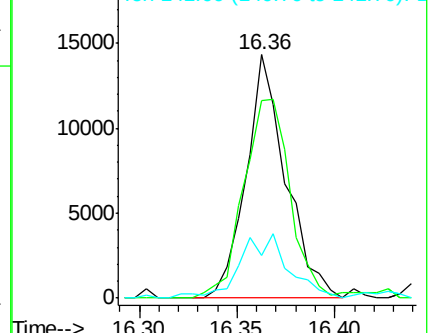
141 31.9 32.1 48.1#



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

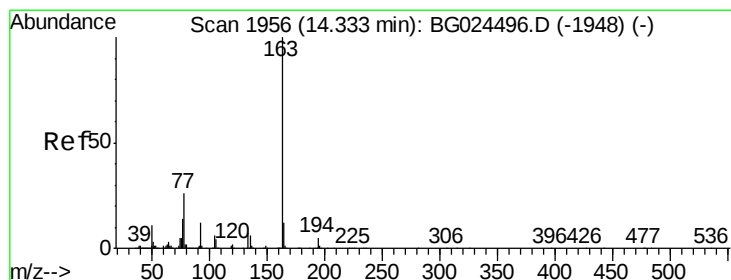
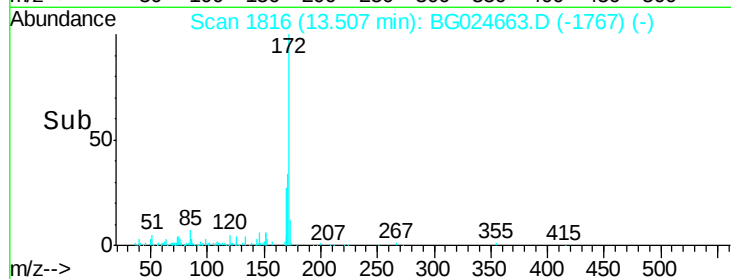
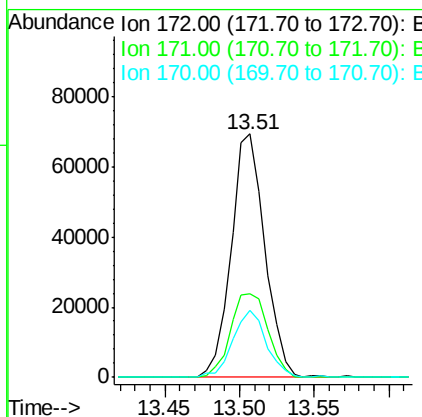
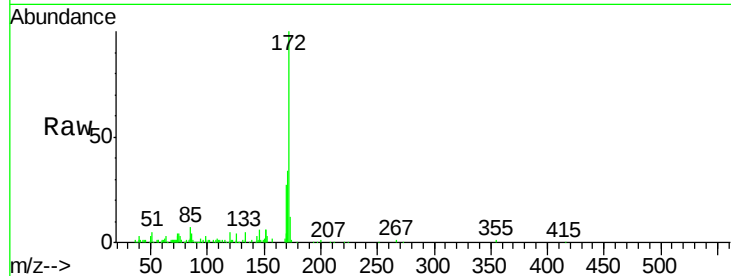




#44
2-Fluorobiphenyl
Concen: 6.13 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024663.D
Acq: 4 Nov 2016 1:36

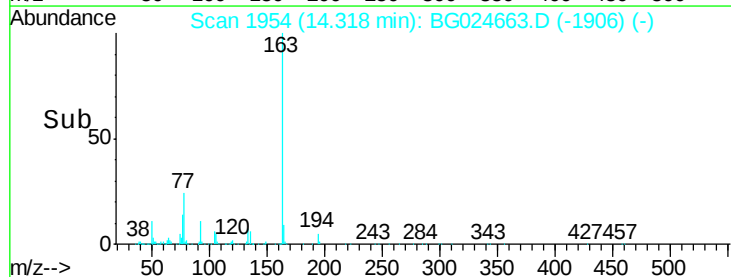
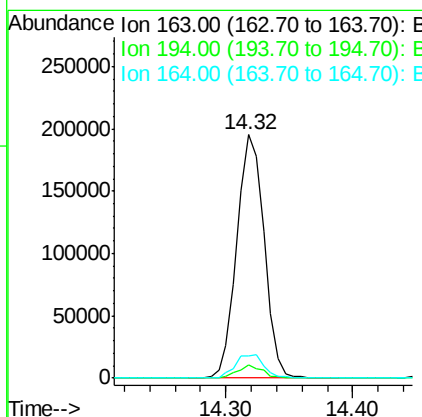
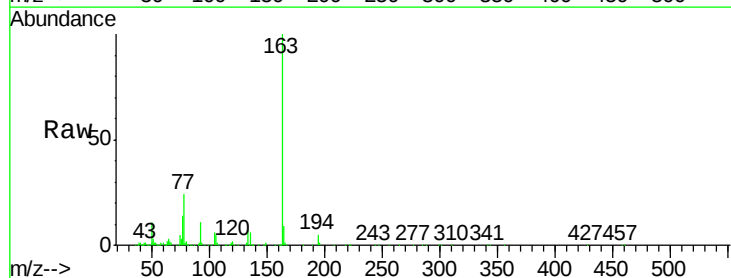
Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

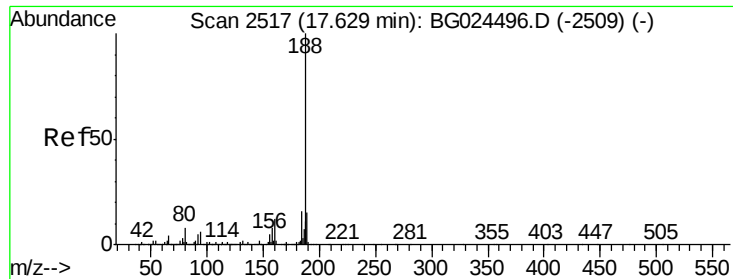
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	32.2	48.2
170	27.4	21.8	32.6



#49
Dimethylphthalate
Concen: 13.87 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG024663.D
Acq: 4 Nov 2016 1:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.8	5.6
164	9.3	9.3	13.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

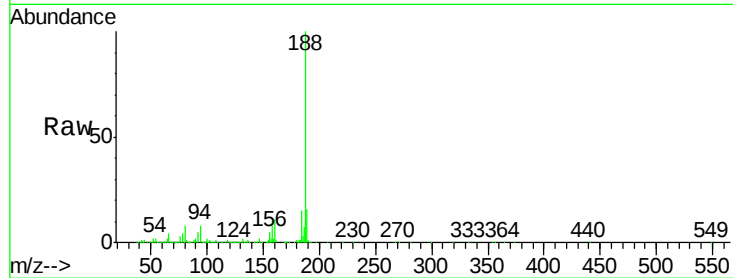
Tgt Ion:188 Resp: 688147

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.8

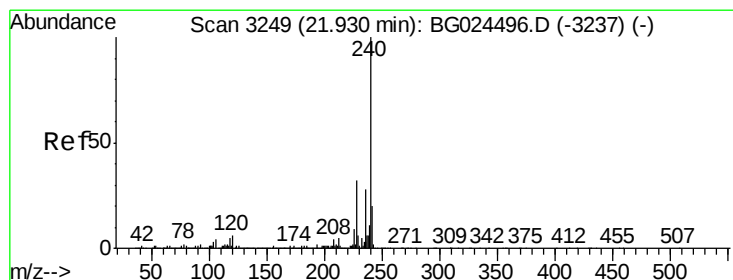
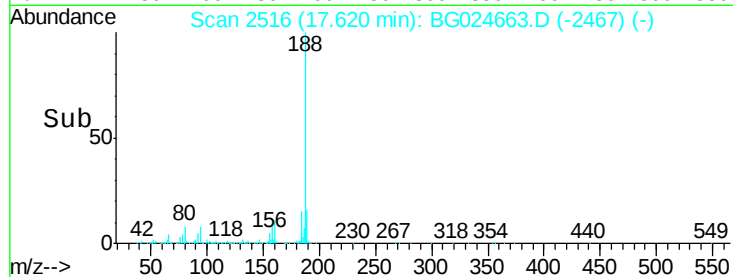
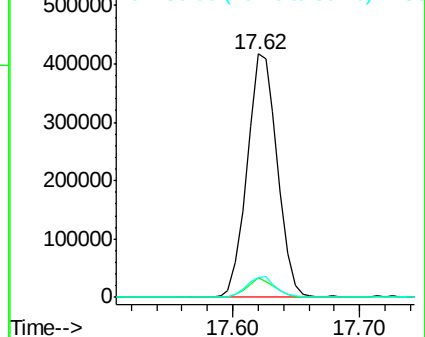
80 8.2 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

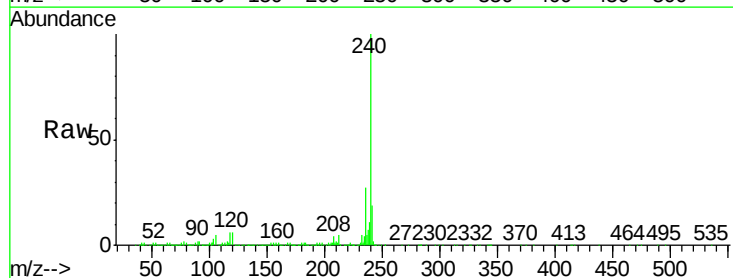
Tgt Ion:240 Resp: 945735

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

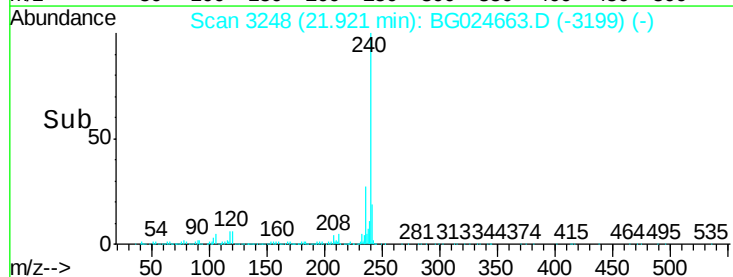
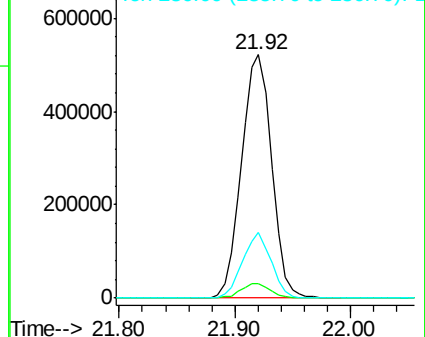
236 27.2 22.2 33.4

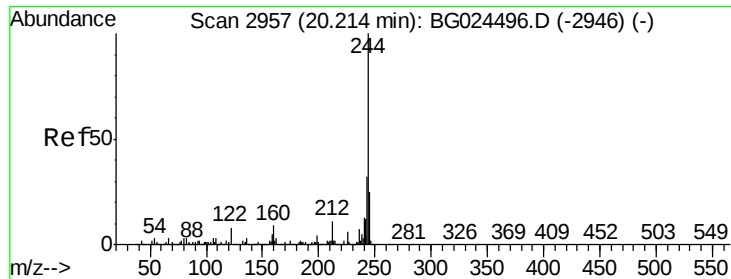


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 3.81 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

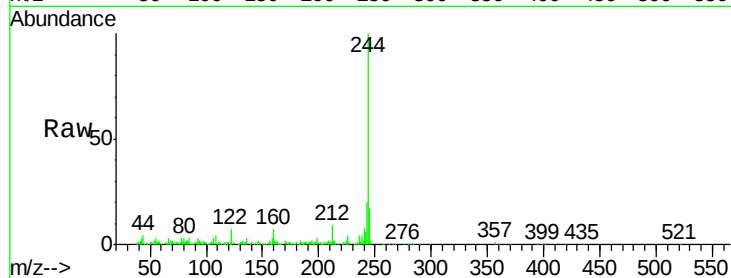
Tgt Ion:244 Resp: 120531

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

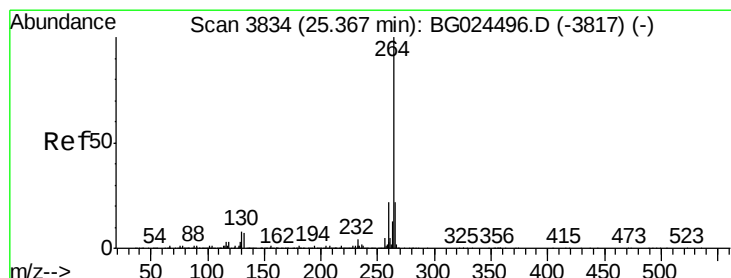
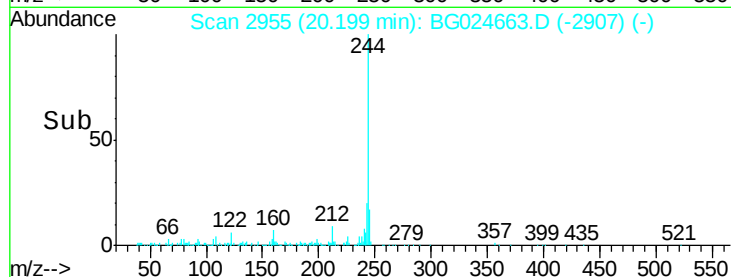
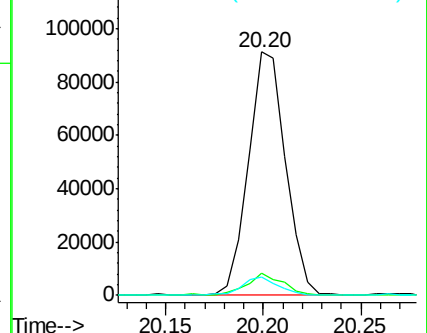
122 7.7 8.6 12.8#



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: BG024663.D

Acq: 4 Nov 2016 1:36

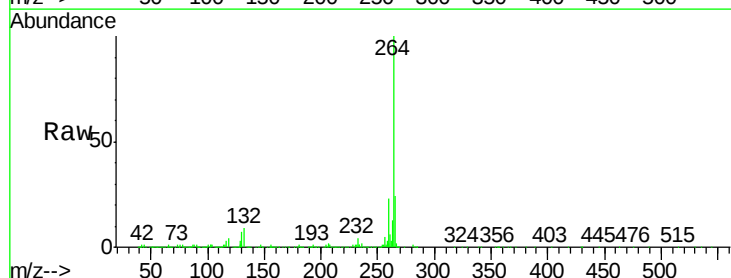
Tgt Ion:264 Resp: 984739

Ion Ratio Lower Upper

264 100

260 22.9 21.8 32.8

265 23.7 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

