

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102616\
 Data File : BG024518.D
 Acq On : 26 Oct 2016 18:51
 Operator : UM/SJ
 Sample : H5409-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 26 19:26:56 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

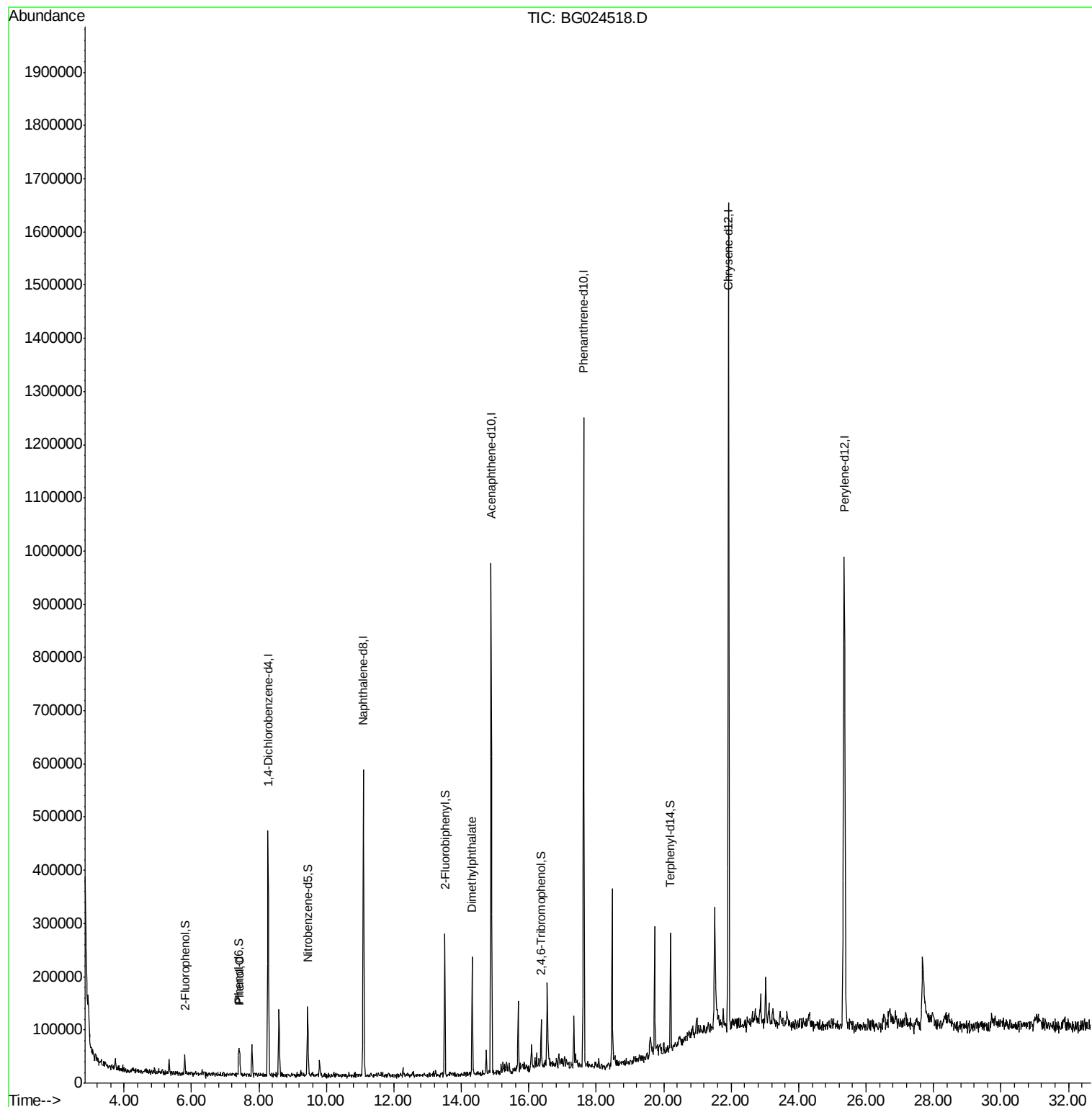
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	116497	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	450941	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	349406	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	739456	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1049485	20.00	ng	0.00
86) Perylene-d12	25.35	264	1122099	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	14912	2.10	ng	0.00
7) Phenol-d6	7.39	99	25672	2.63	ng	0.00
23) Nitrobenzene-d5	9.44	82	74303	7.50	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	13599	2.61	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	130448	6.21	ng	0.00
78) Terphenyl-d14	20.21	244	102742	2.93	ng	0.00
Target Compounds						
10) Phenol	7.42	94	22446	2.23	ng	Qvalue 89
49) Dimethylphthalate	14.32	163	128866	5.20	ng	# 97

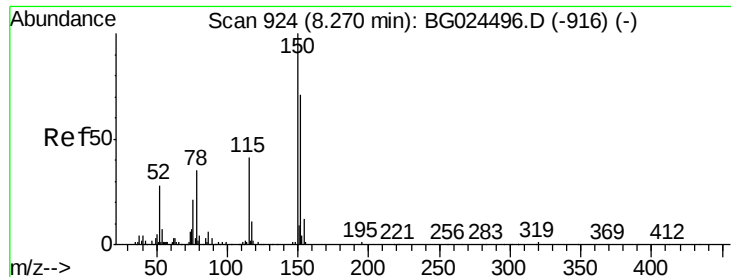
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024518.D

Acq: 26 Oct 2016 18:51

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

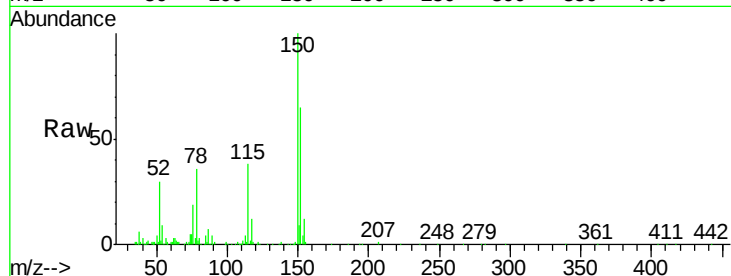
Tgt Ion:152 Resp: 116497

Ion Ratio Lower Upper

152 100

150 153.8 114.0 171.0

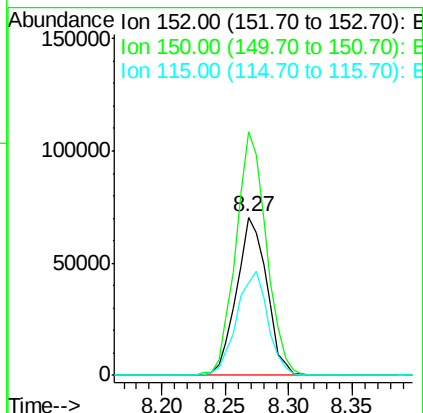
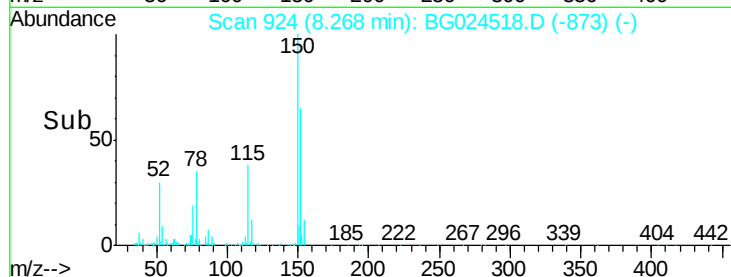
115 58.9 48.1 72.1



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: 2.10 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024518.D

Acq: 26 Oct 2016 18:51

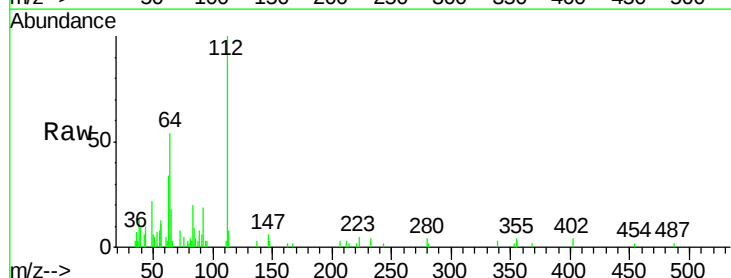
Tgt Ion:112 Resp: 14912

Ion Ratio Lower Upper

112 100

64 53.6 61.8 92.6#

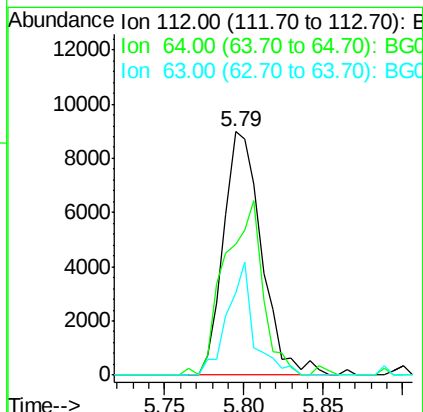
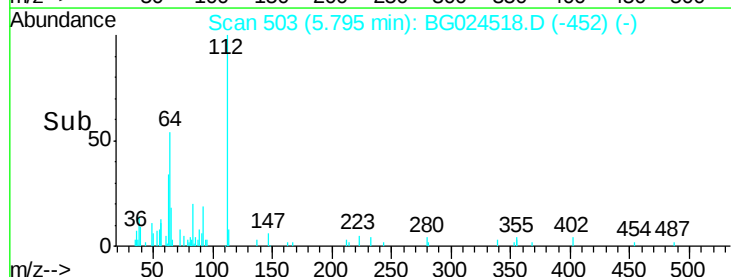
63 33.9 37.2 55.8#

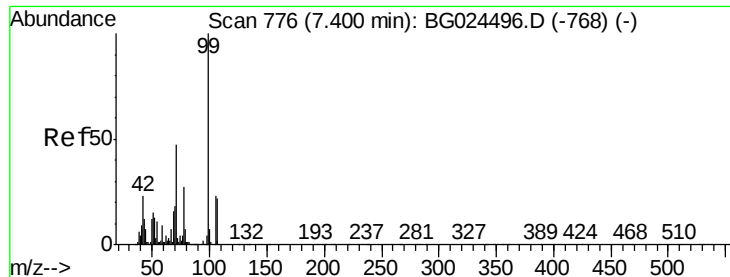


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.63 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG024518.D

Acq: 26 Oct 2016 18:51

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

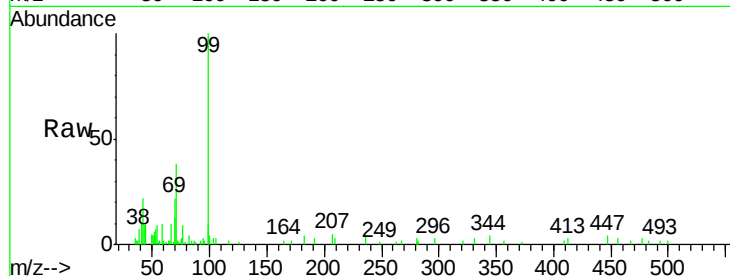
Tgt Ion: 99 Resp: 25672

Ion Ratio Lower Upper

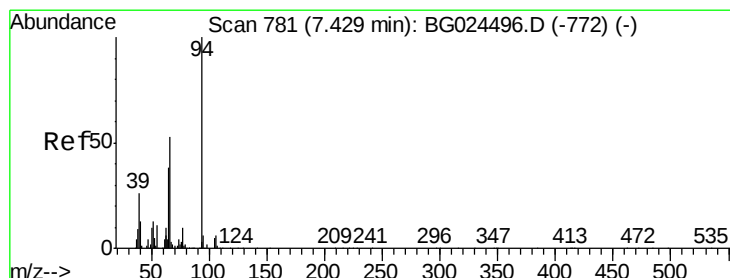
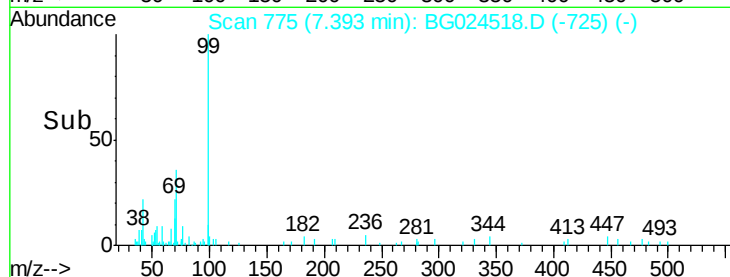
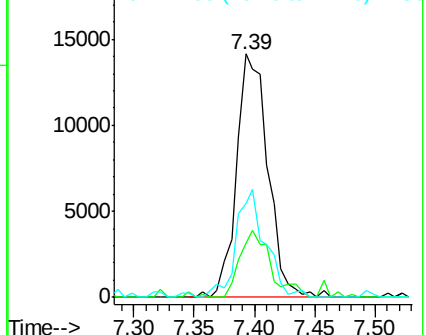
99 100

42 22.0 20.5 30.7

71 38.5 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: 2.23 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG024518.D

Acq: 26 Oct 2016 18:51

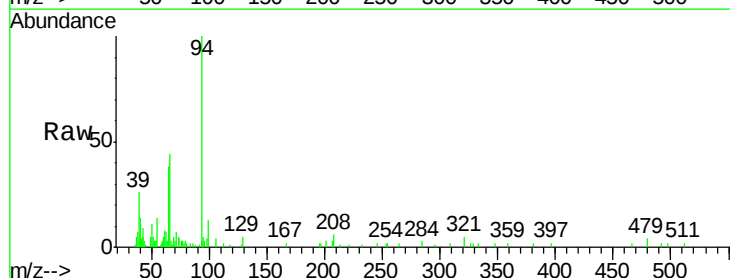
Tgt Ion: 94 Resp: 22446

Ion Ratio Lower Upper

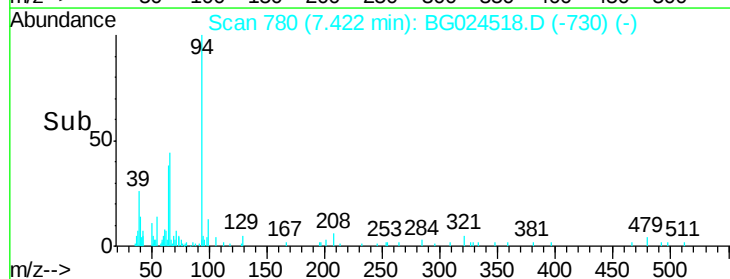
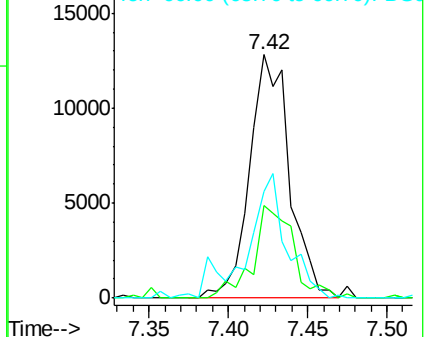
94 100

65 38.0 20.6 60.6

66 43.6 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

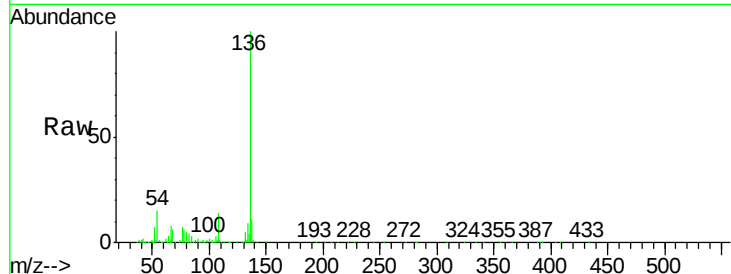




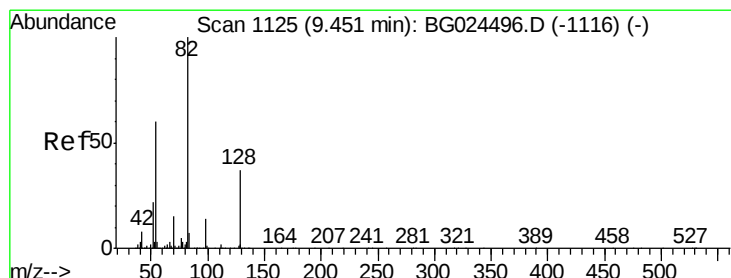
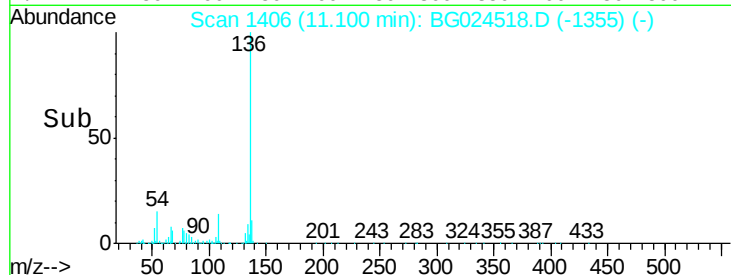
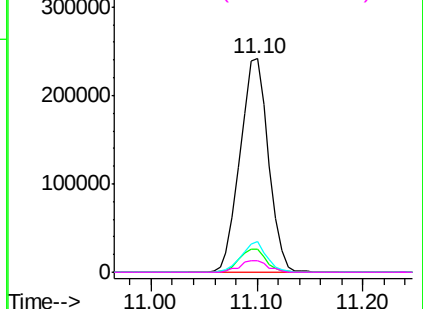
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024518.D
Acq: 26 Oct 2016 18:51

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

Tgt Ion:	136	Resp:	450941
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	14.5	9.3	13.9#
68	5.6	5.1	7.7

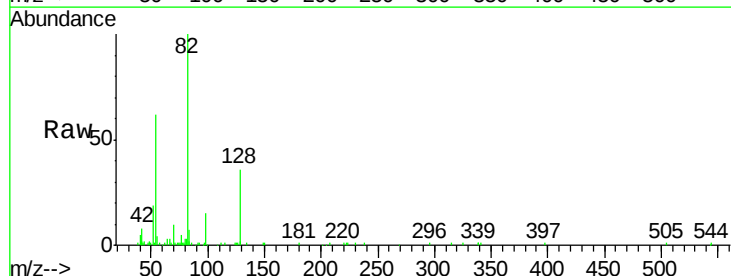


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

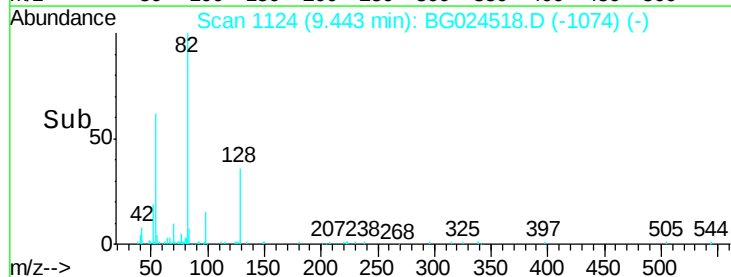
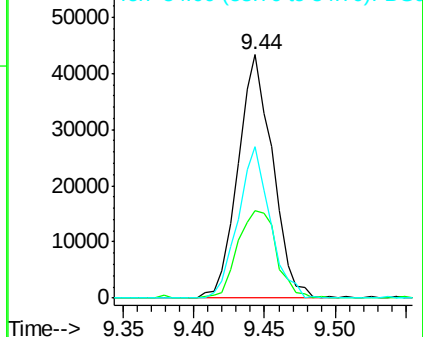


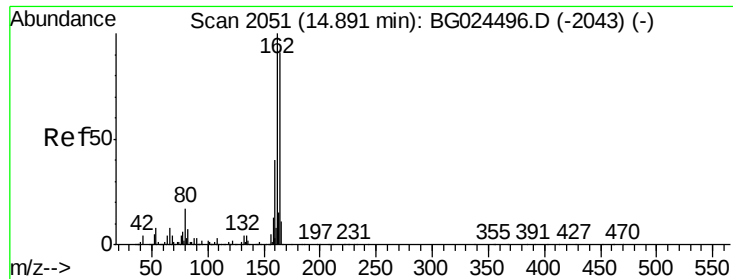
#23
Nitrobenzene-d5
Concen: 7.50 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024518.D
Acq: 26 Oct 2016 18:51

Tgt Ion:	82	Resp:	74303
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.4	39.6
54	62.3	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: BG024518.D

Acq: 26 Oct 2016 18:51

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

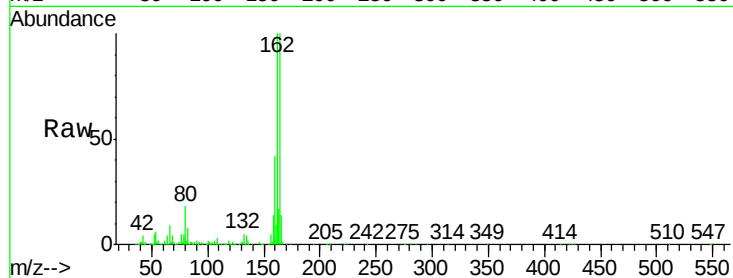
Tgt Ion:164 Resp: 349406

Ion Ratio Lower Upper

164 100

162 99.9 85.1 127.7

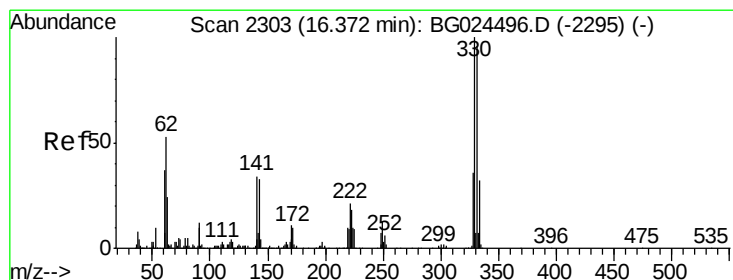
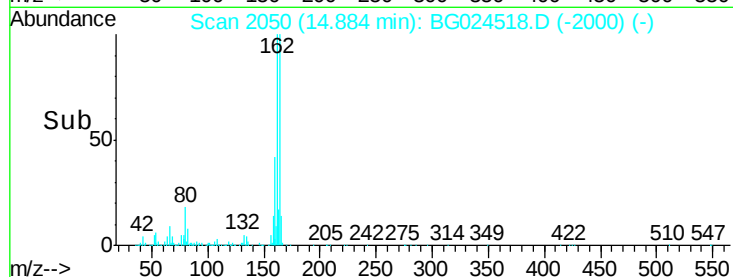
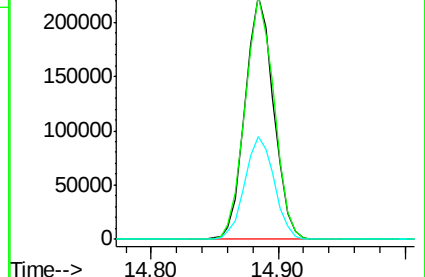
160 42.4 34.7 52.1



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: 2.61 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024518.D

Acq: 26 Oct 2016 18:51

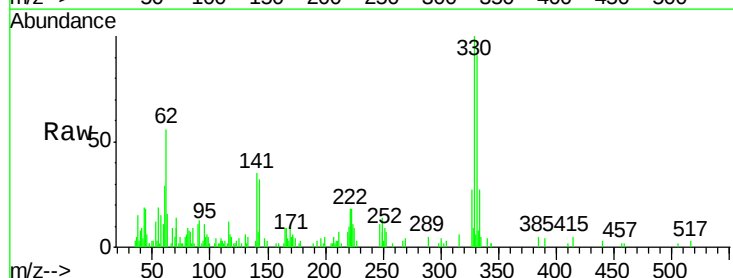
Tgt Ion:330 Resp: 13599

Ion Ratio Lower Upper

330 100

332 104.1 77.3 115.9

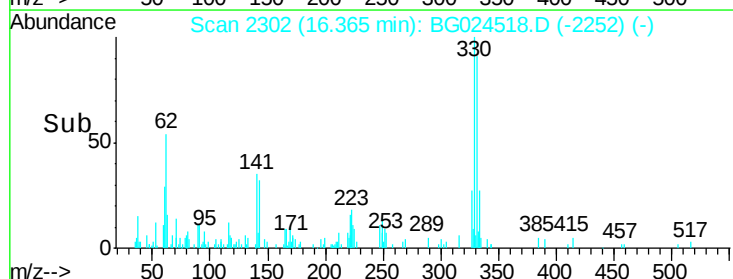
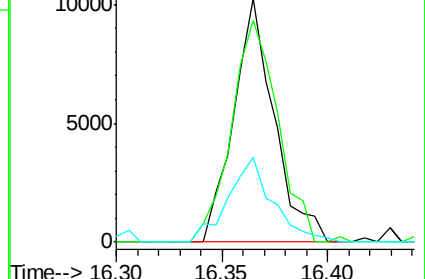
141 38.1 32.1 48.1



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

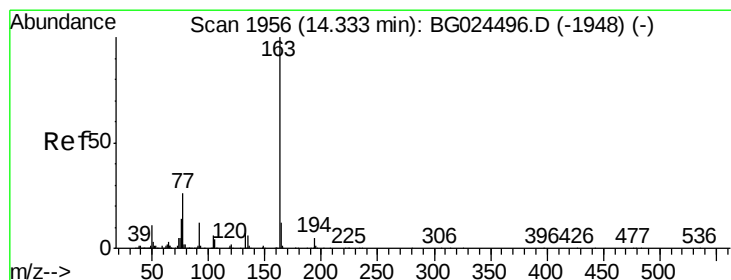
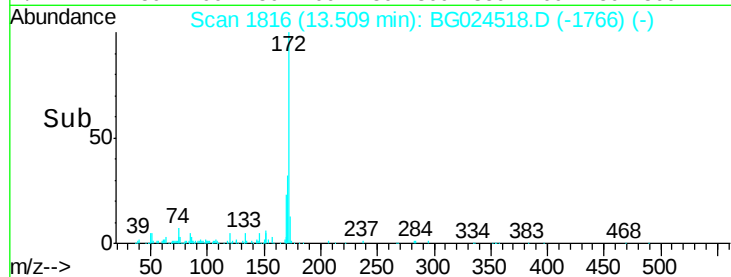
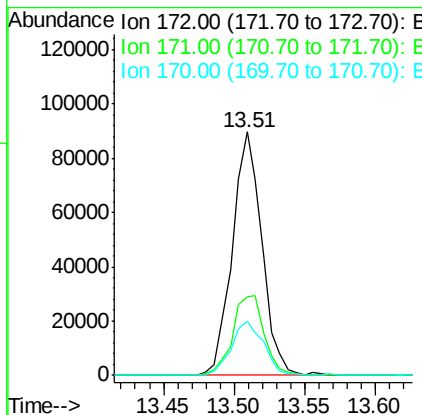
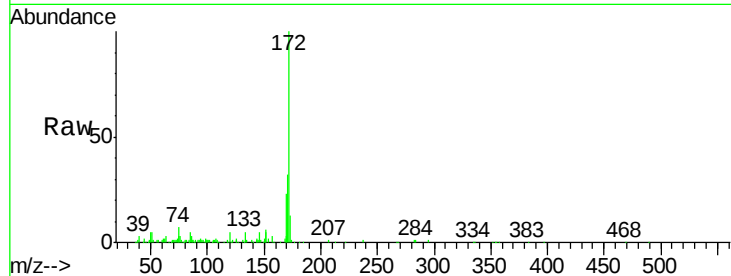




#44
2-Fluorobiphenyl
Concen: 6.21 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024518.D
Acq: 26 Oct 2016 18:51

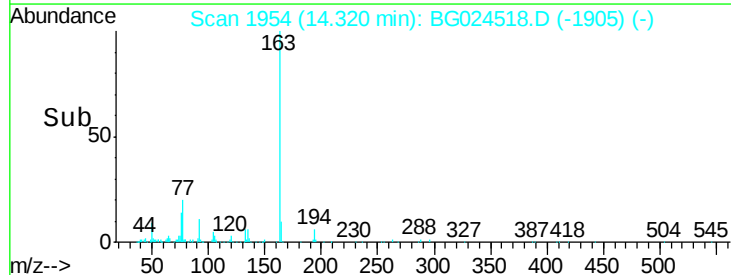
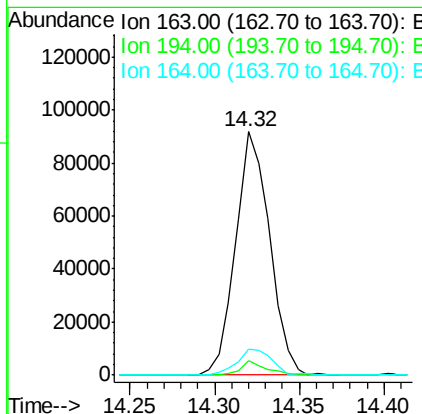
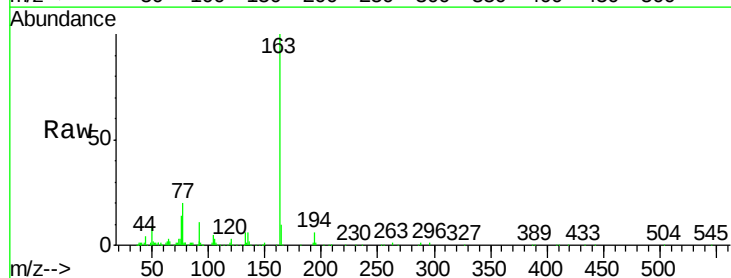
Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

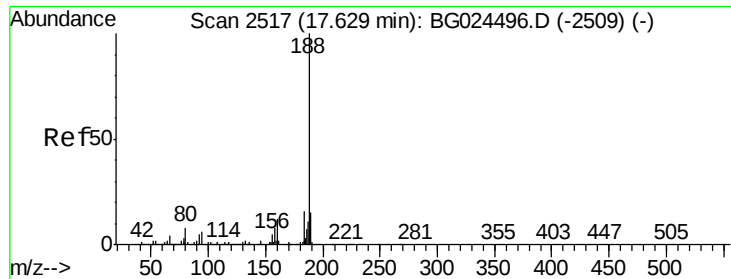
Tgt Ion:172 Resp: 130448
Ion Ratio Lower Upper
172 100
171 32.4 32.2 48.2
170 22.5 21.8 32.6



#49
Dimethylphthalate
Concen: 5.20 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024518.D
Acq: 26 Oct 2016 18:51

Tgt Ion:163 Resp: 128866
Ion Ratio Lower Upper
163 100
194 5.7 3.8 5.6#
164 10.4 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: BG024518.D

Acq: 26 Oct 2016 18:51

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

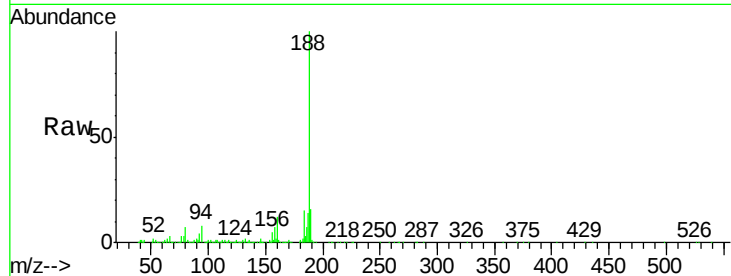
Tgt Ion:188 Resp: 739456

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.8

80 7.3 7.5 11.3#

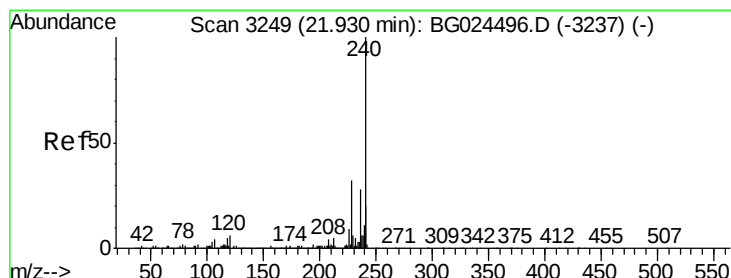
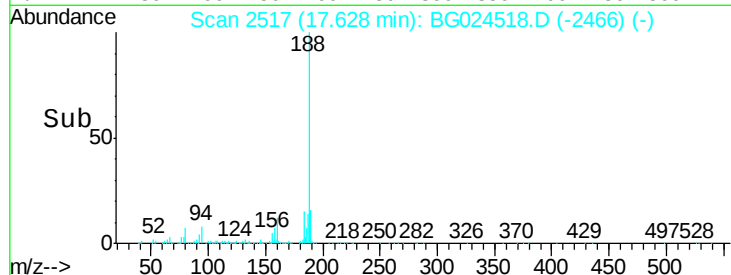
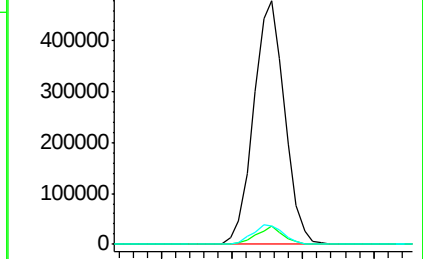


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.63



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024518.D

Acq: 26 Oct 2016 18:51

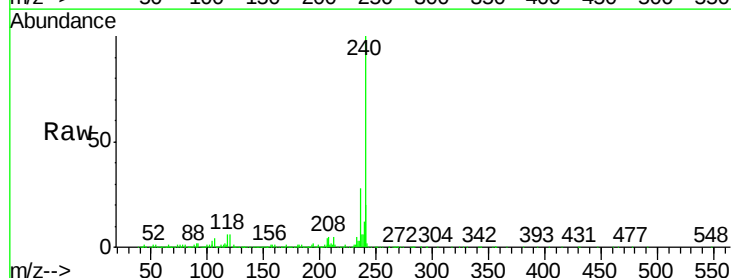
Tgt Ion:240 Resp: 1049485

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

236 27.6 22.2 33.4

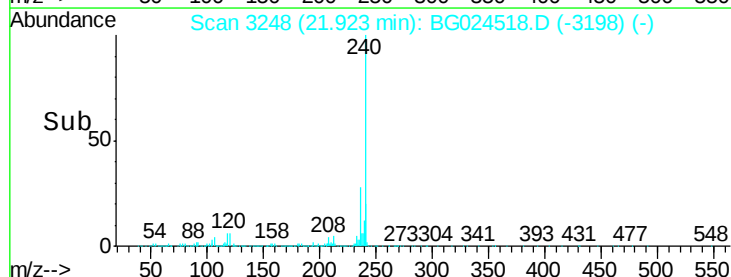
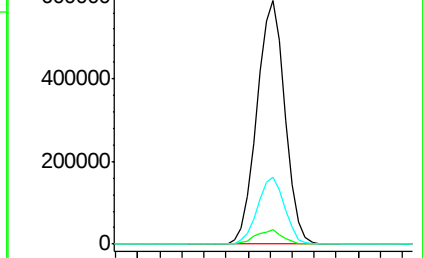


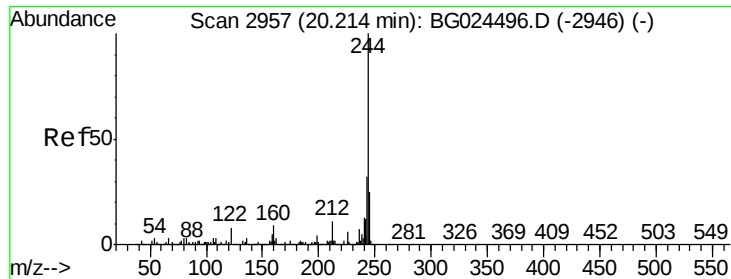
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.92





#78

Terphenyl-d14

Concen: 2.93 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024518.D

Acq: 26 Oct 2016 18:51

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

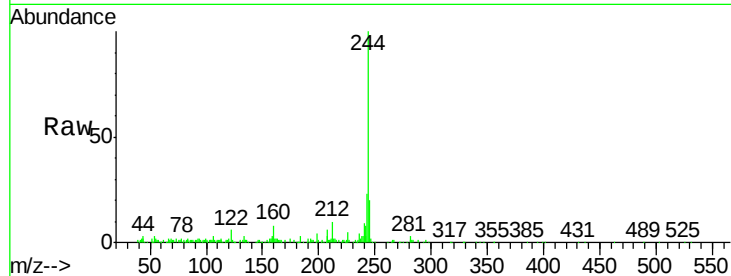
Tgt Ion:244 Resp: 102742

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

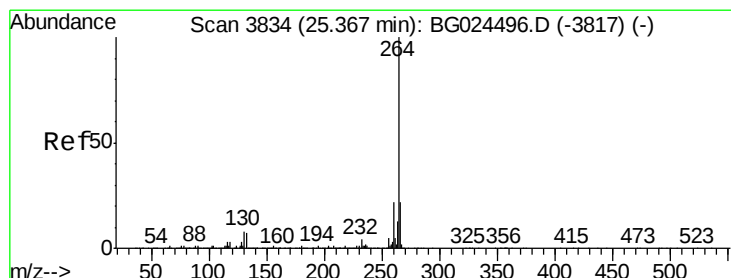
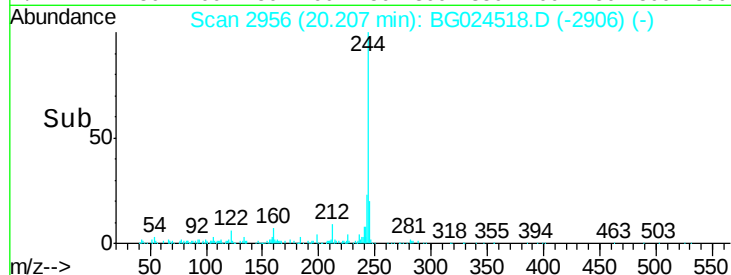
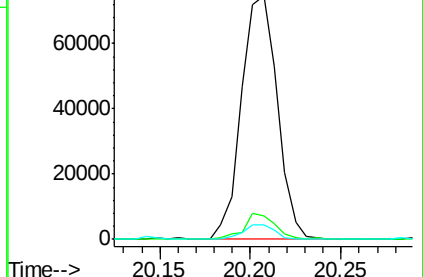
122 6.1 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024518.D

Acq: 26 Oct 2016 18:51

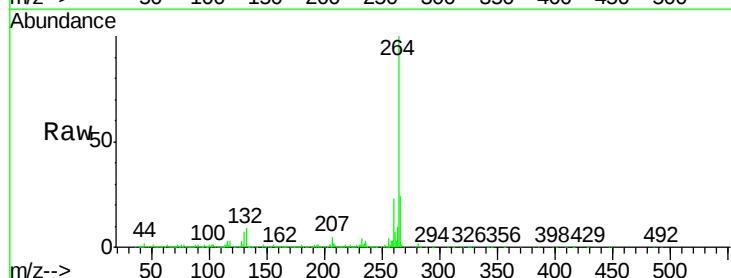
Tgt Ion:264 Resp: 1122099

Ion Ratio Lower Upper

264 100

260 23.0 21.8 32.8

265 23.8 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

