

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022987.D
 Acq On : 10 Jul 2016 6:09
 Operator : UM/SJ
 Sample : H3915-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P7-B4-6-12-C

Quant Time: Jul 11 02:34:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

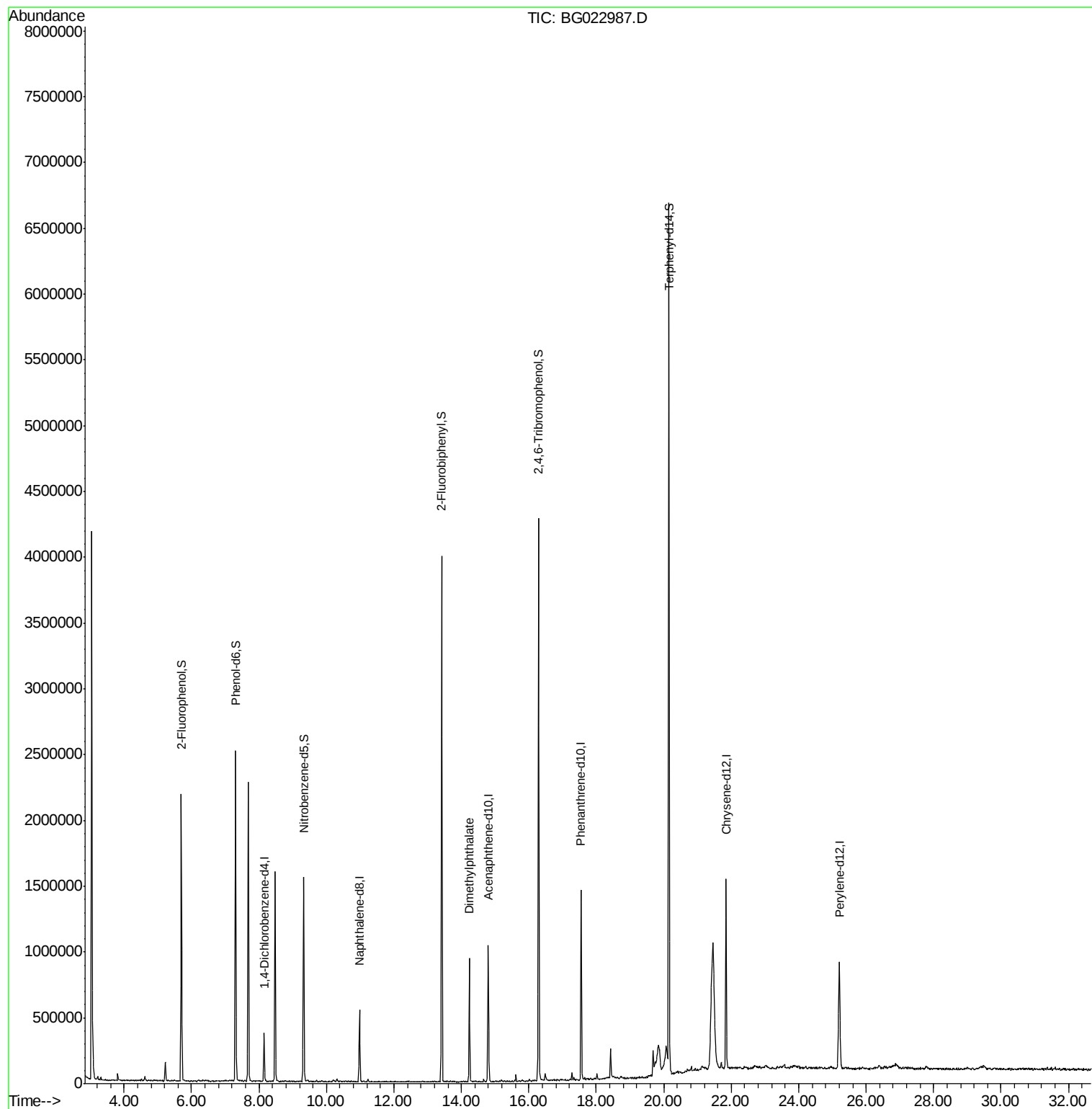
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	92885	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	446043	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	357371	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	865180	20.00	ng	0.00
75) Chrysene-d12	21.84	240	913781	20.00	ng	0.00
86) Perylene-d12	25.21	264	921926	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	886965	156.18	ng	0.00
7) Phenol-d6	7.31	99	1399829	157.37	ng	0.00
23) Nitrobenzene-d5	9.32	82	995341	95.55	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	789953	122.99	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1969260	86.80	ng	0.00
78) Terphenyl-d14	20.15	244	2514259	88.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	563412	19.30	ng	Qvalue 99

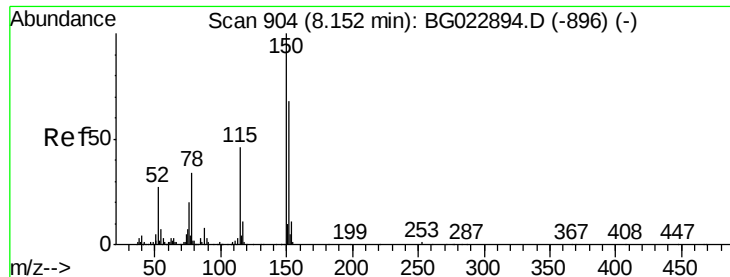
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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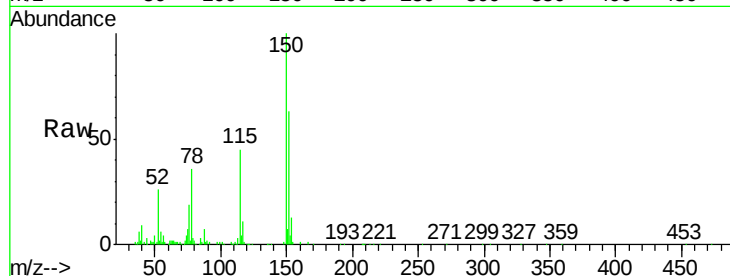


#1

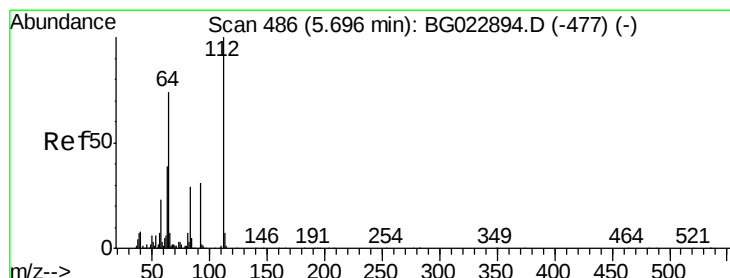
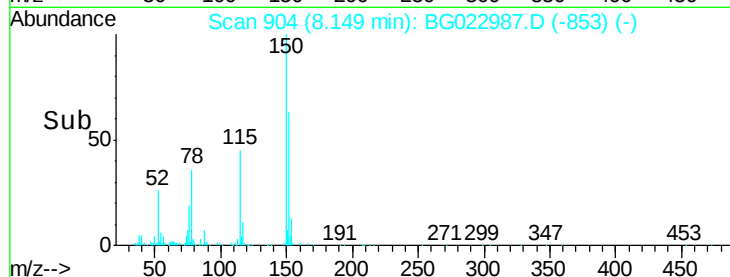
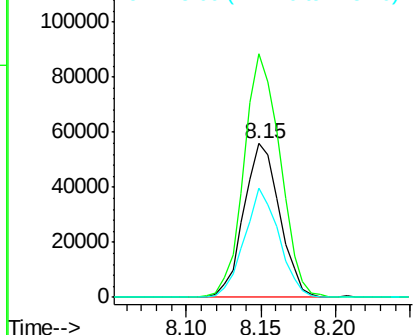
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022987.D
Acq: 10 Jul 2016 6:09

Instrument :
BNA_G
ClientSampleId :
P7-B4-6-12-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	144.7	217.1
115	70.8	64.0	96.0



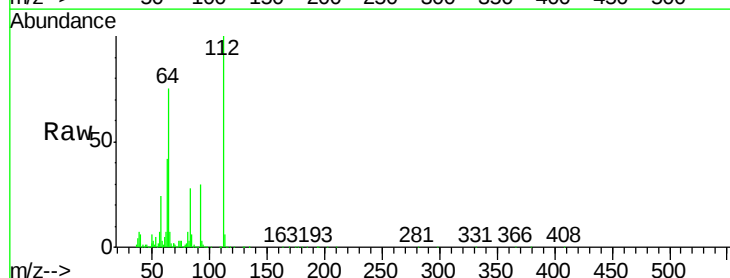
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



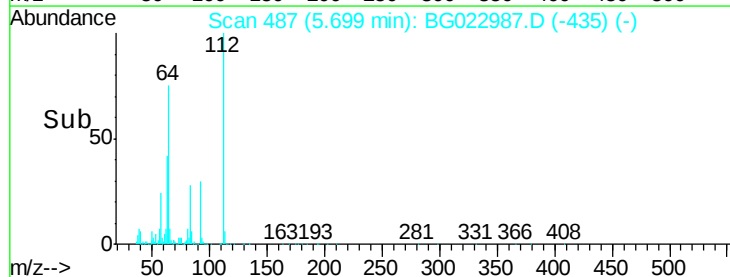
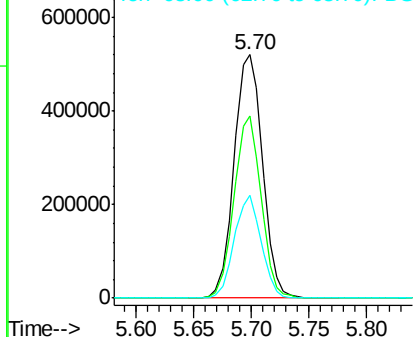
#5

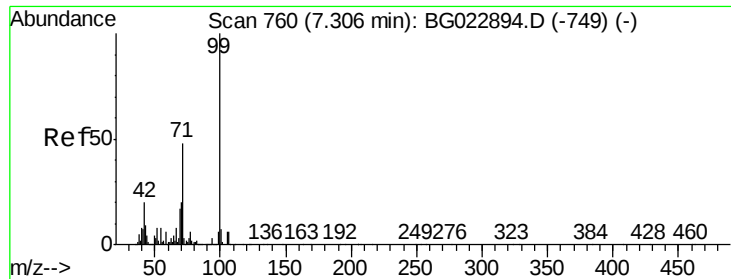
2-Fluorophenol
Concen: 156.18 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022987.D
Acq: 10 Jul 2016 6:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	59.0	88.4
63	42.1	37.8	56.8



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: 157.37 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022987.D

Acq: 10 Jul 2016 6:09

Instrument :

BNA_G

ClientSampleId :

P7-B4-6-12-C

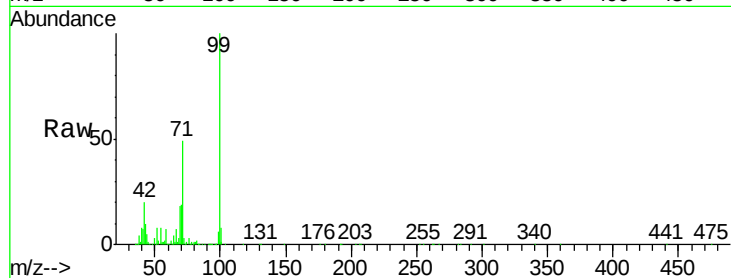
Tgt Ion: 99 Resp: 1399829

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

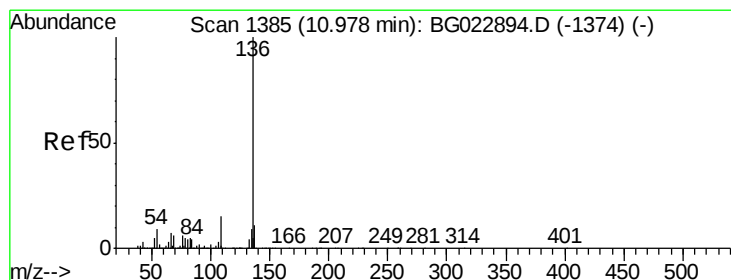
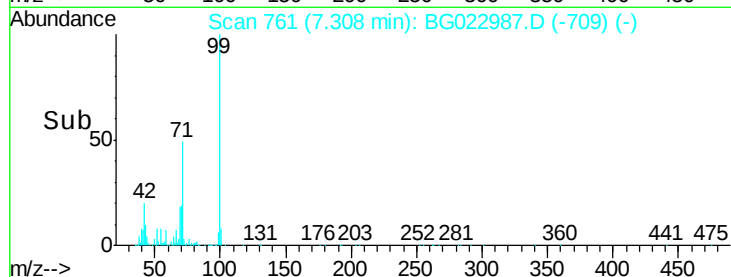
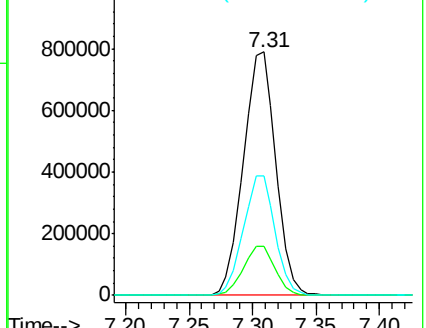
71 49.1 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022987.D

Acq: 10 Jul 2016 6:09

Tgt Ion: 136 Resp: 446043

Ion Ratio Lower Upper

136 100

137 10.6 9.6 14.4

54 8.5 7.3 10.9

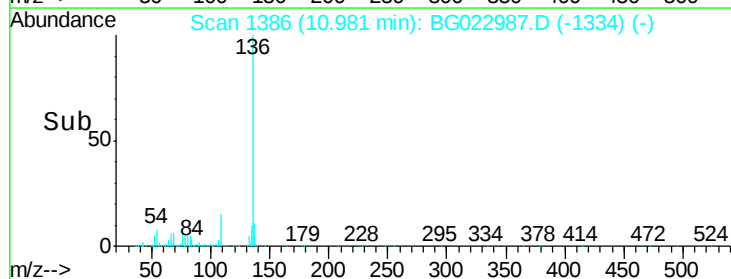
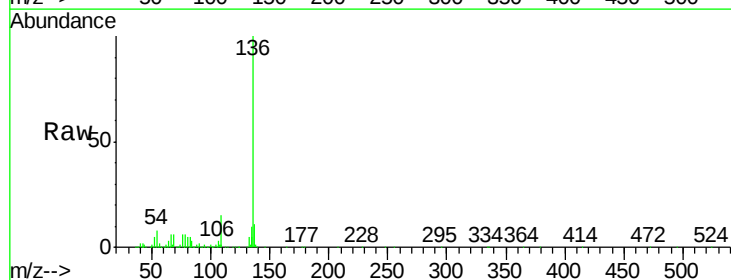
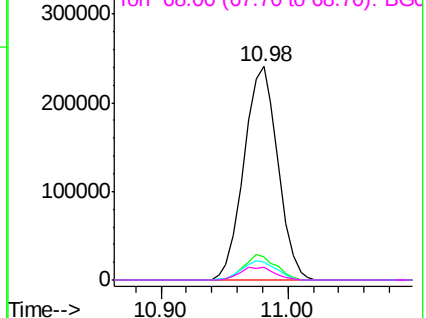
68 6.2 5.3 7.9

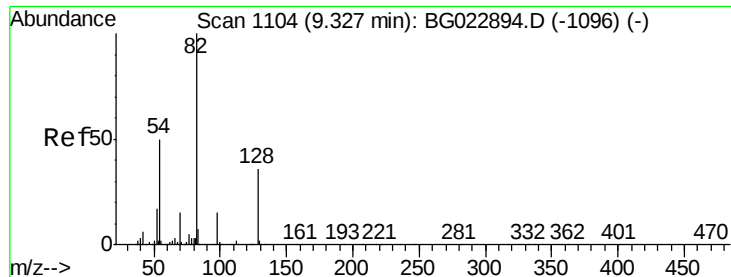
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 95.55 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022987.D

Acq: 10 Jul 2016 6:09

Instrument :

BNA_G

ClientSampleId :

P7-B4-6-12-C

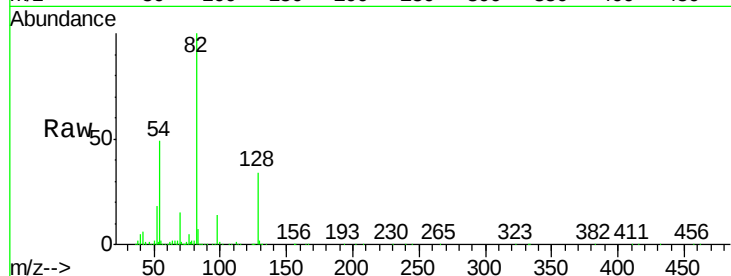
Tgt Ion: 82 Resp: 995341

Ion Ratio Lower Upper

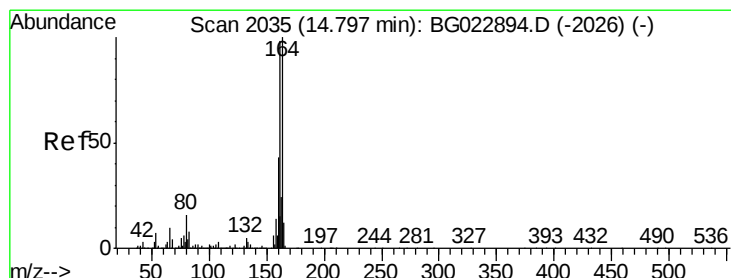
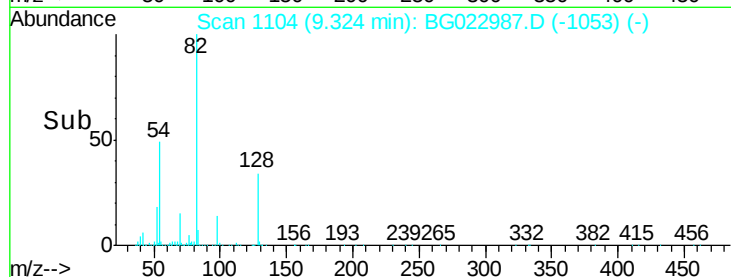
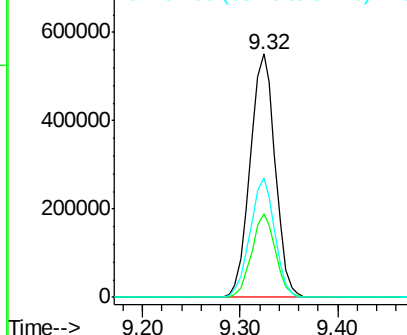
82 100

128 34.4 24.4 36.6

54 49.1 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022987.D

Acq: 10 Jul 2016 6:09

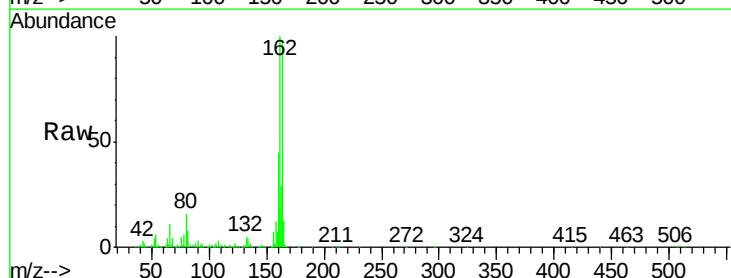
Tgt Ion: 164 Resp: 357371

Ion Ratio Lower Upper

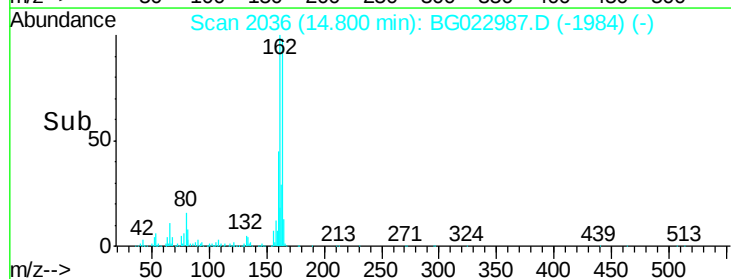
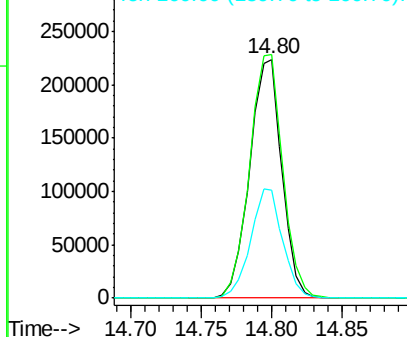
164 100

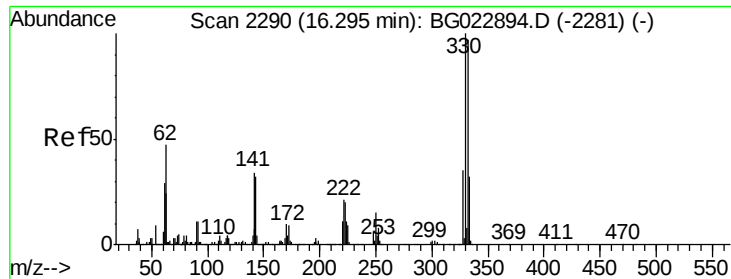
162 102.0 87.7 131.5

160 45.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

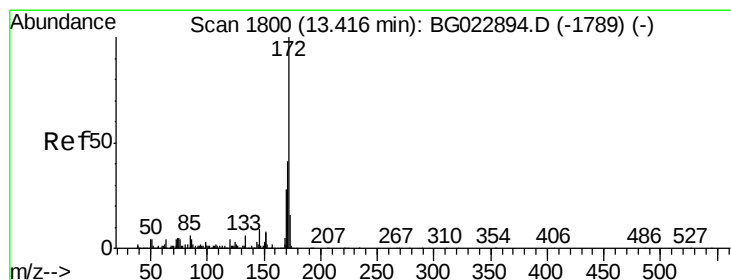
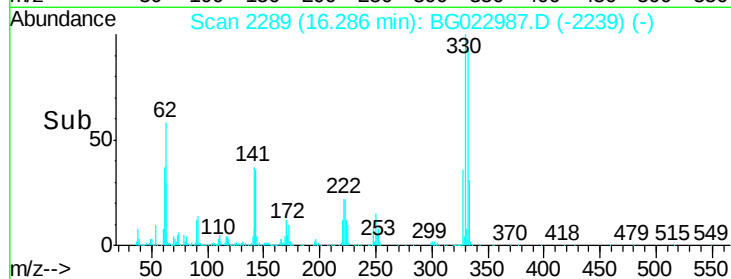
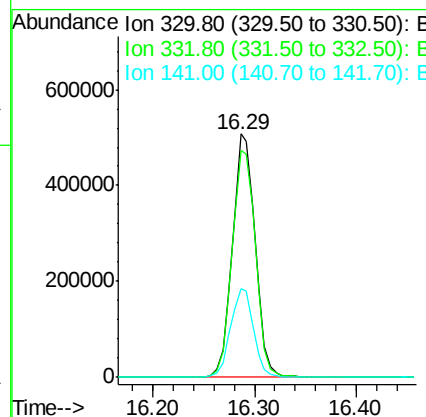
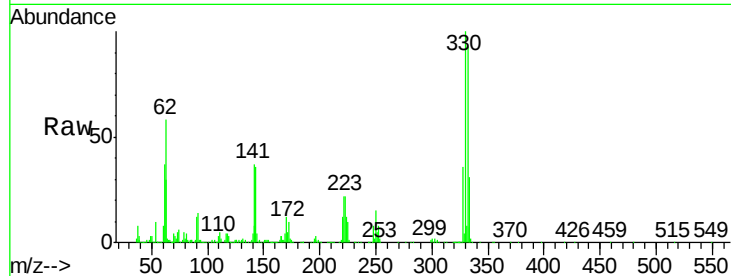




#41
 2,4,6-Tribromophenol
 Concen: 122.99 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022987.D
 Acq: 10 Jul 2016 6:09

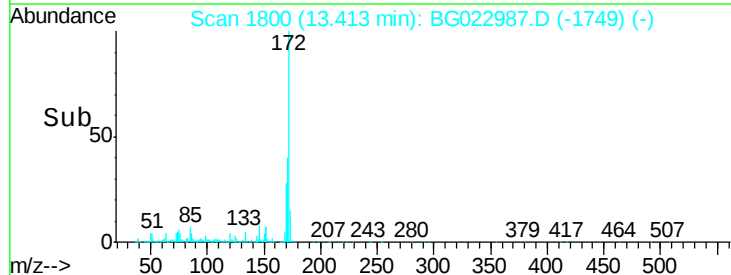
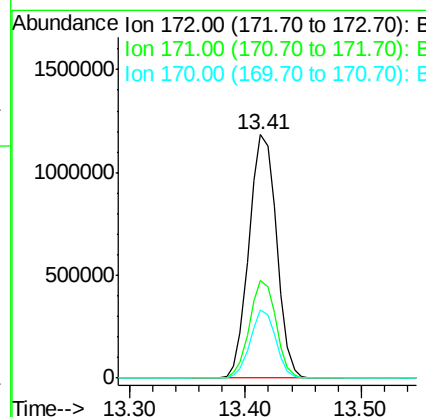
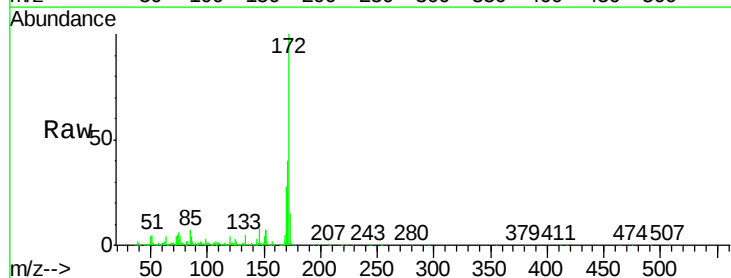
Instrument :
 BNA_G
 ClientSampleId :
 P7-B4-6-12-C

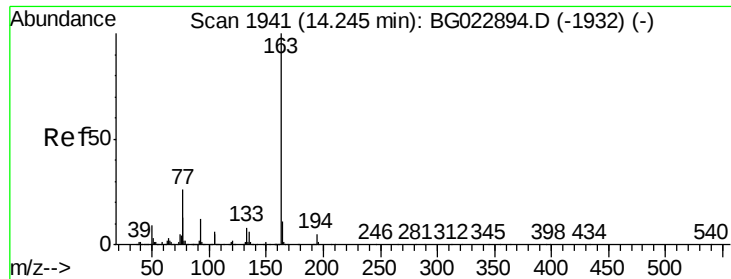
Tgt Ion:330 Resp: 789953
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 36.6 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 86.80 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022987.D
 Acq: 10 Jul 2016 6:09

Tgt Ion:172 Resp: 1969260
 Ion Ratio Lower Upper
 172 100
 171 40.1 31.6 47.4
 170 27.8 21.3 31.9





#49

Dimethylphthalate

Concen: 19.30 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022987.D

Acq: 10 Jul 2016 6:09

Instrument :

BNA_G

ClientSampleId :

P7-B4-6-12-C

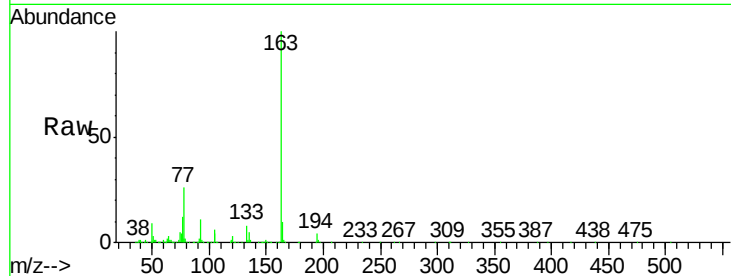
Tgt Ion:163 Resp: 563412

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

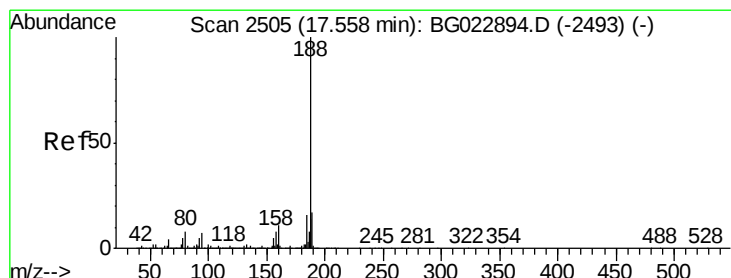
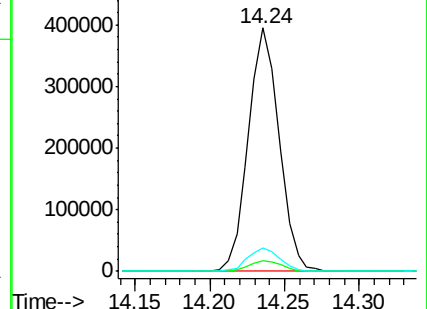
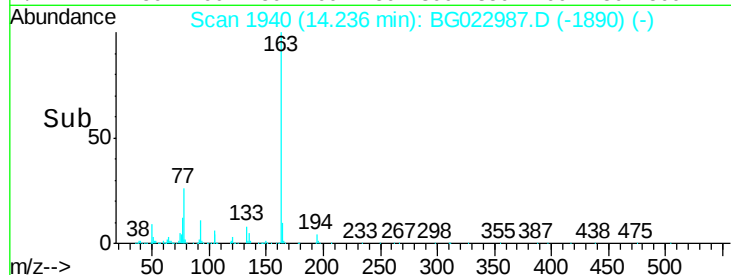
164 9.9 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022987.D

Acq: 10 Jul 2016 6:09

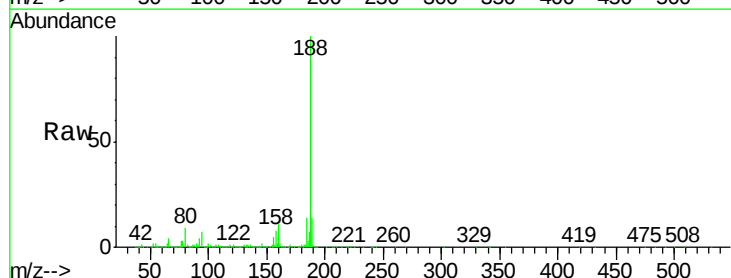
Tgt Ion:188 Resp: 865180

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

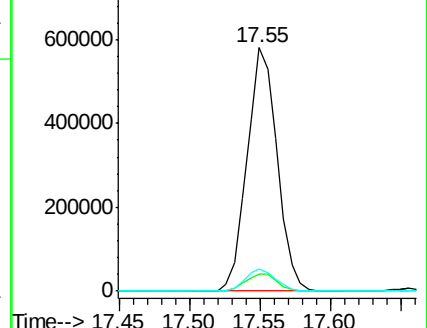
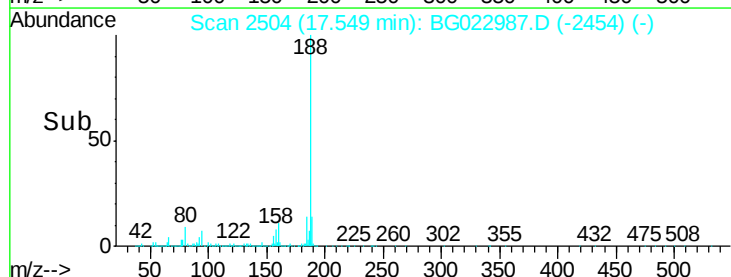
80 9.0 7.2 10.8

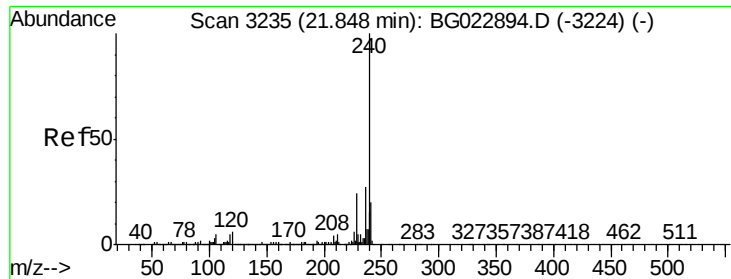


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022987.D

Acq: 10 Jul 2016 6:09

Instrument :

BNA_G

ClientSampleId :

P7-B4-6-12-C

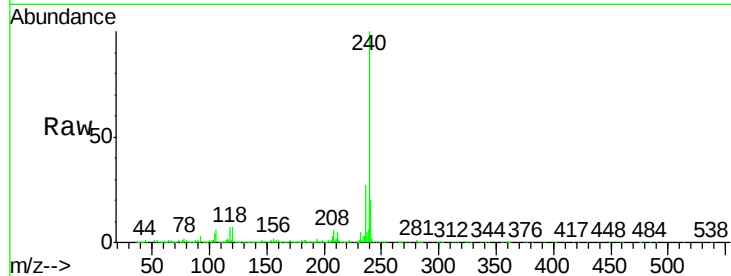
Tgt Ion:240 Resp: 913781

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

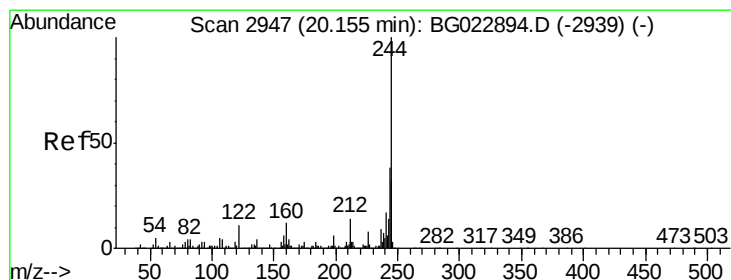
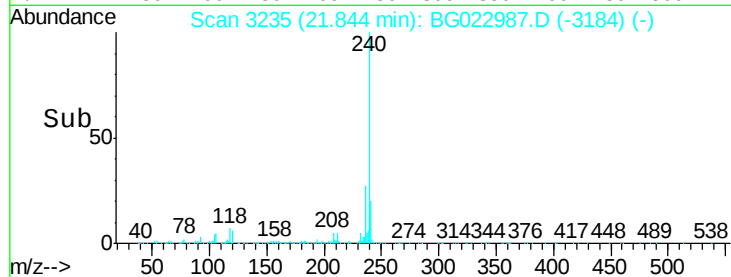
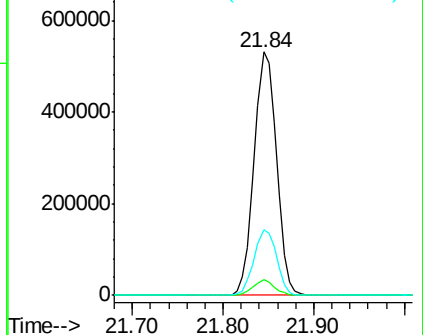
236 26.8 21.1 31.7



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: 88.74 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022987.D

Acq: 10 Jul 2016 6:09

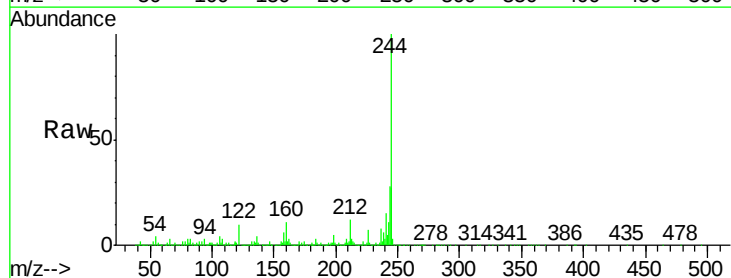
Tgt Ion:244 Resp: 2514259

Ion Ratio Lower Upper

244 100

212 12.2 10.8 16.2

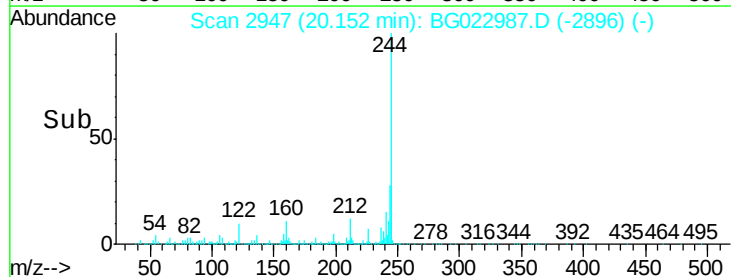
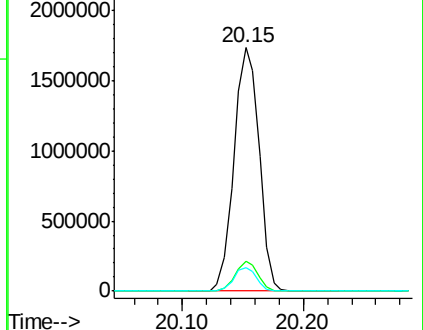
122 9.8 8.0 12.0

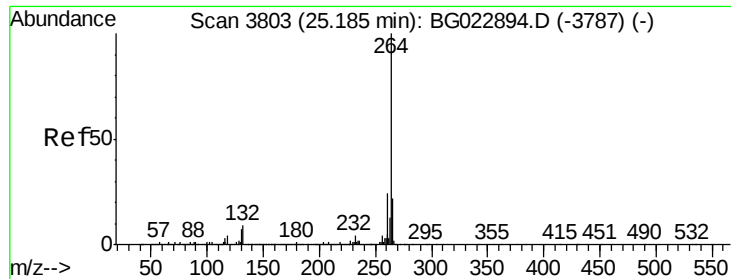


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG022987.D

Acq: 10 Jul 2016 6:09

Instrument :

BNA_G

ClientSampleId :

P7-B4-6-12-C

Tgt Ion: 264 Resp: 921926

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 23.0 18.9 28.3

