

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
 Data File : BG023160.D
 Acq On : 18 Jul 2016 14:36
 Operator : UM/SJ
 Sample : H4044-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9-B2(6-12)C

Quant Time: Jul 19 01:23:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 01:16:03 2016
 Response via : Initial Calibration

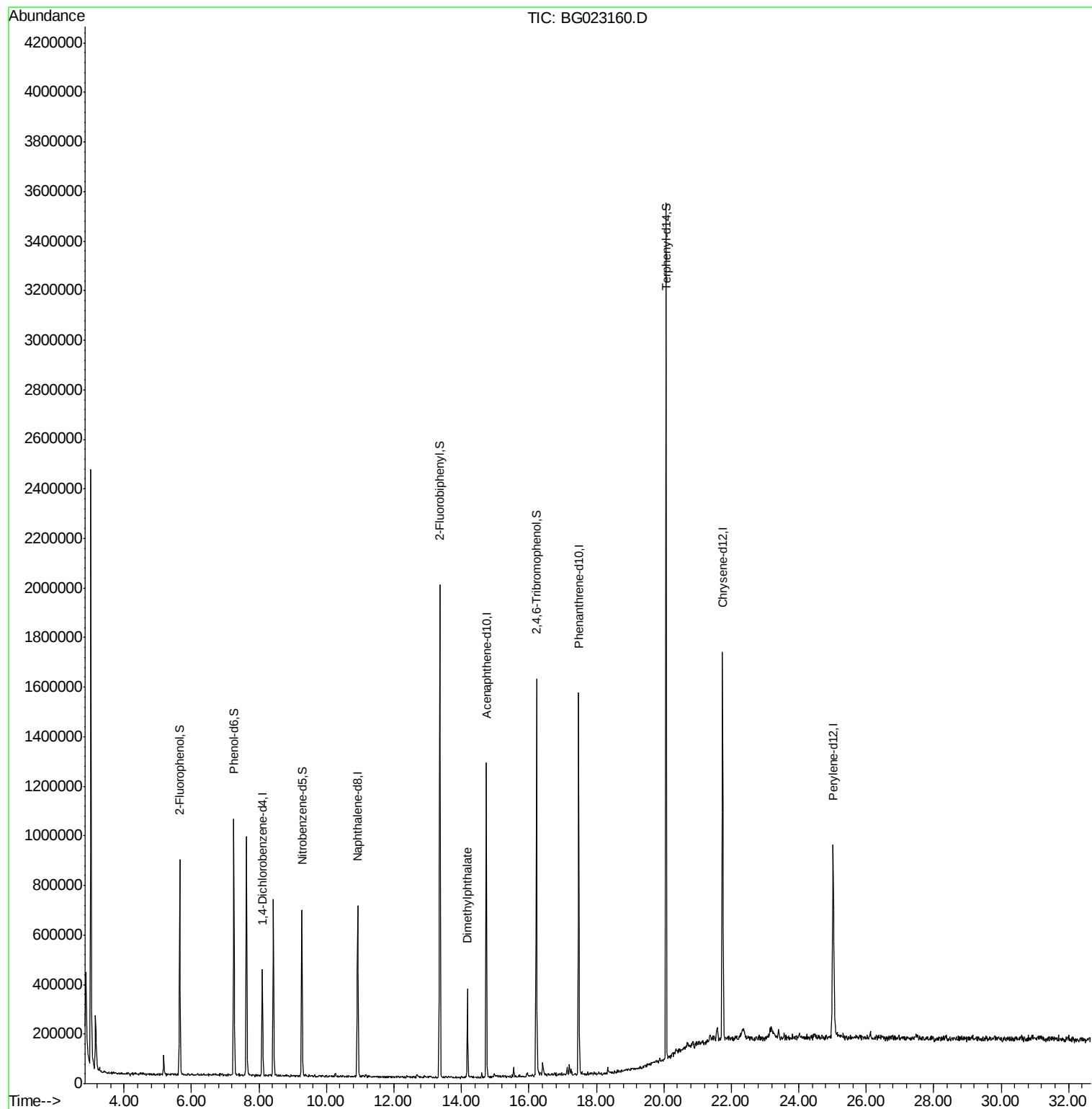
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	109820	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	548554	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	412546	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	939310	20.00	ng	0.00
75) Chrysene-d12	21.74	240	966370	20.00	ng	0.00
86) Perylene-d12	25.02	264	951953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	352190	52.45	ng	-0.03
7) Phenol-d6	7.25	99	592666	56.35	ng	-0.03
23) Nitrobenzene-d5	9.27	82	447089	34.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	304765	41.10	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	998517	38.12	ng	-0.01
78) Terphenyl-d14	20.07	244	1384164	35.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	216190	6.42	ng	Qvalue 99

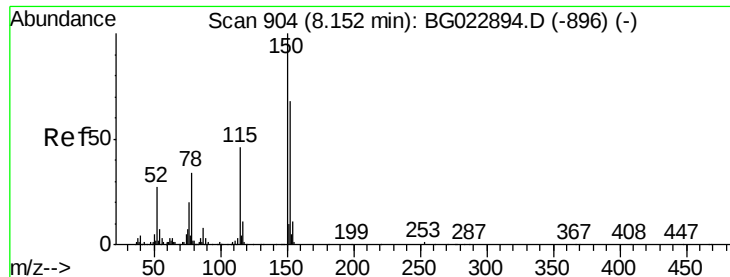
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG023160.D

Acq: 18 Jul 2016 14:36

Instrument :

BNA_G

ClientSampleId :

G9-B2(6-12)C

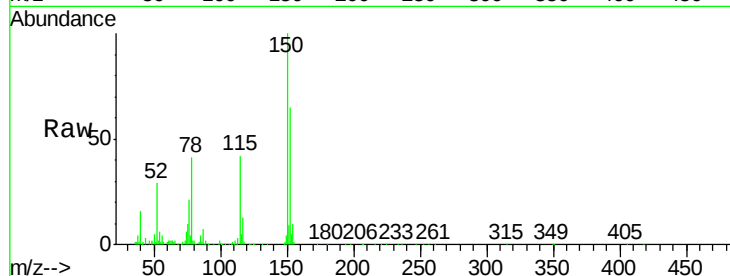
Tgt Ion:152 Resp: 109820

Ion Ratio Lower Upper

152 100

150 154.7 144.7 217.1

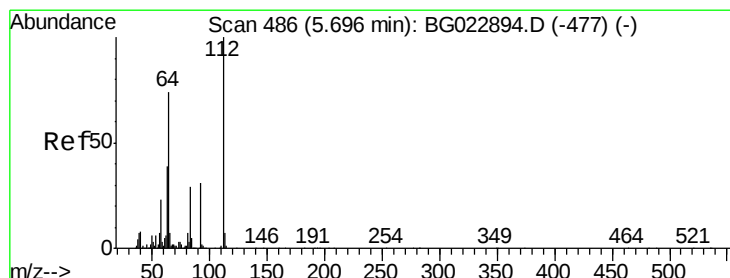
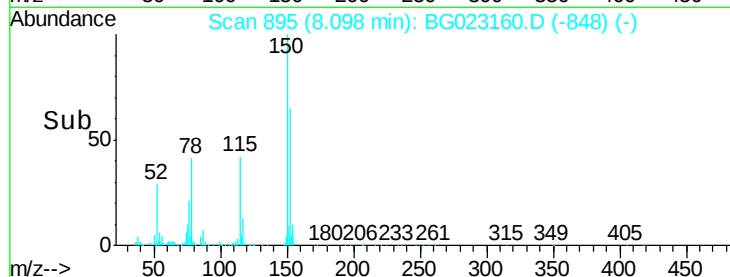
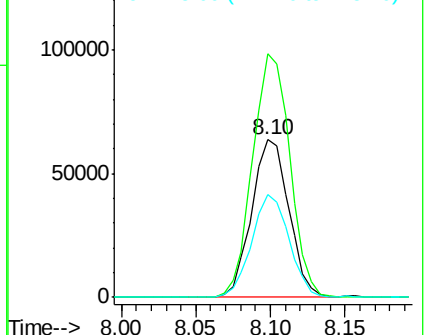
115 65.0 64.0 96.0



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: 52.45 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.03 min

Lab File: BG023160.D

Acq: 18 Jul 2016 14:36

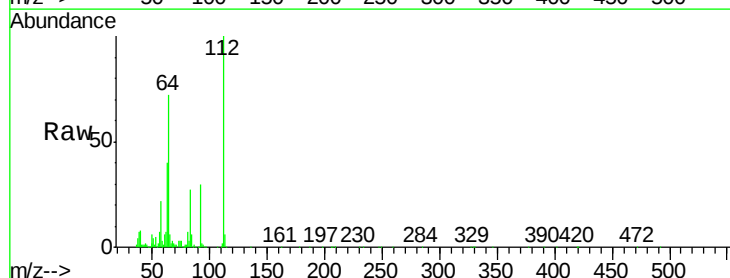
Tgt Ion:112 Resp: 352190

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

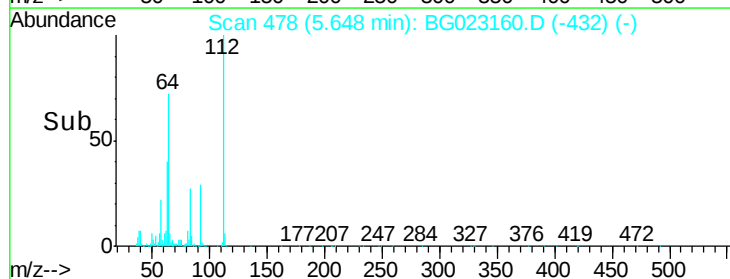
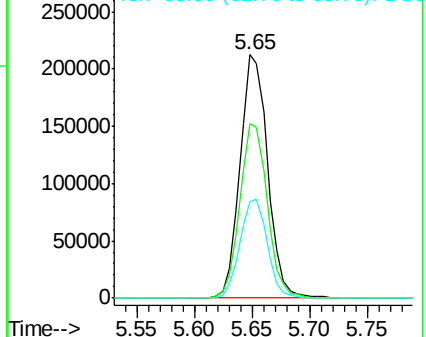
63 39.8 37.8 56.8

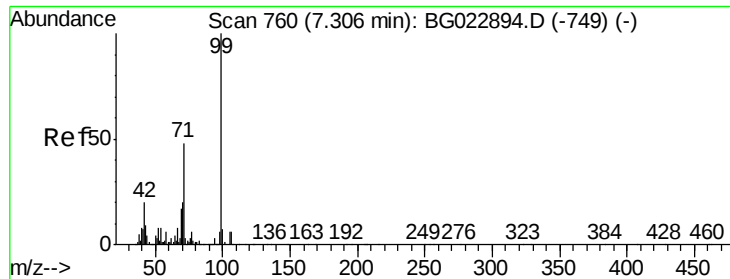


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 56.35 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023160.D

Acq: 18 Jul 2016 14:36

Instrument :

BNA_G

ClientSampleId :

G9-B2(6-12)C

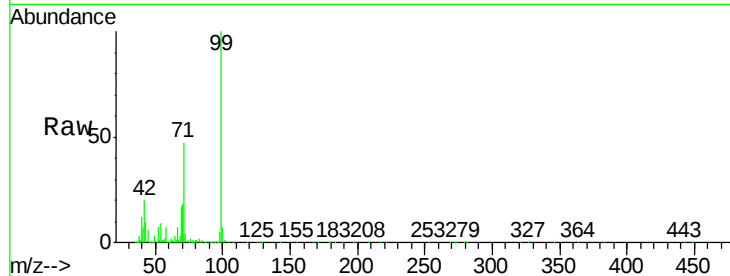
Tgt Ion: 99 Resp: 592666

Ion Ratio Lower Upper

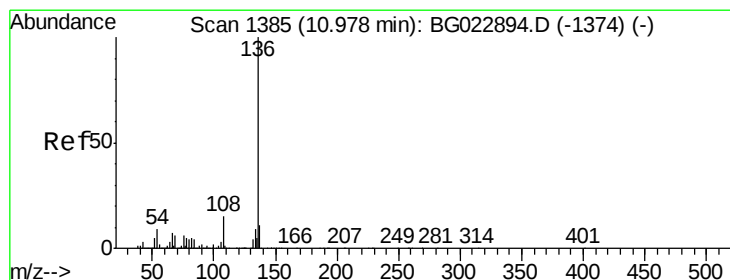
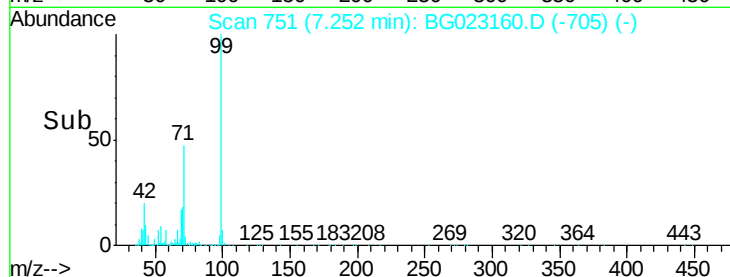
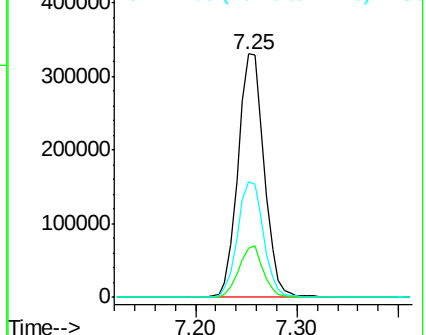
99 100

42 20.1 17.8 26.6

71 47.4 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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023160.D

Acq: 18 Jul 2016 14:36

Tgt Ion: 136 Resp: 548554

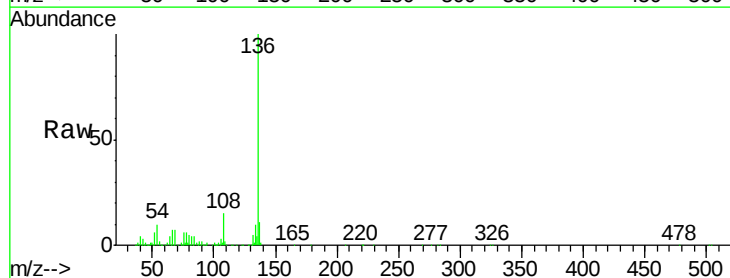
Ion Ratio Lower Upper

136 100

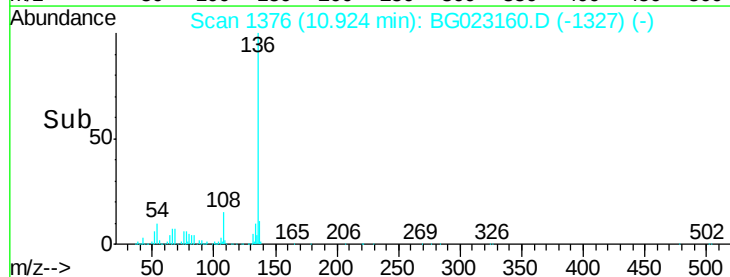
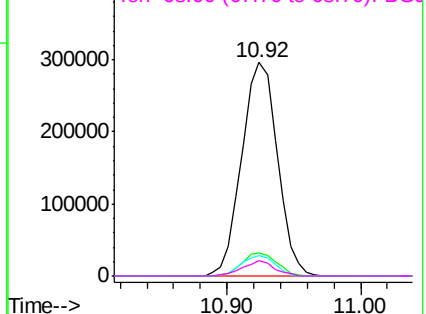
137 10.5 9.6 14.4

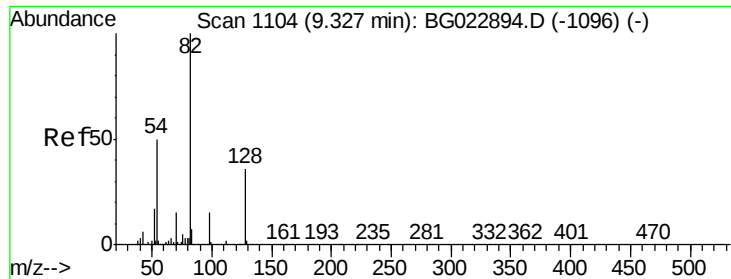
54 9.8 7.3 10.9

68 7.1 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

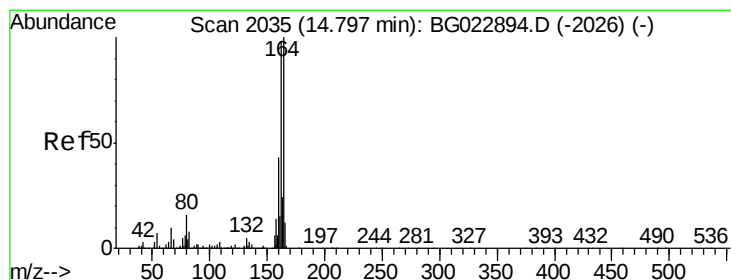
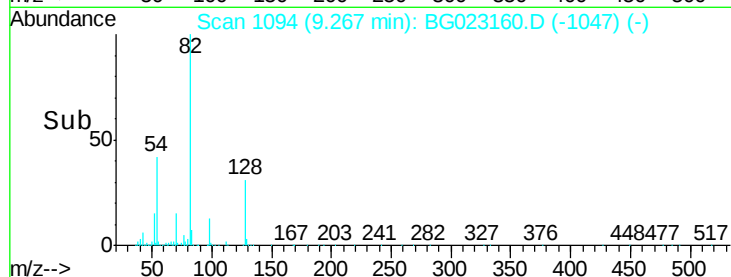
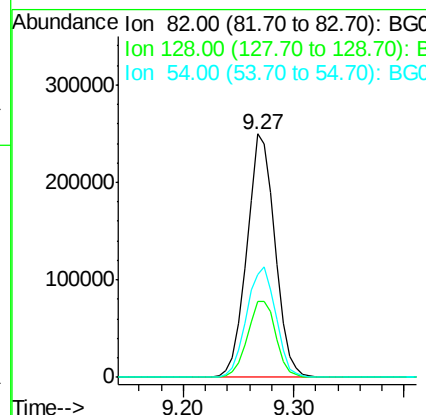
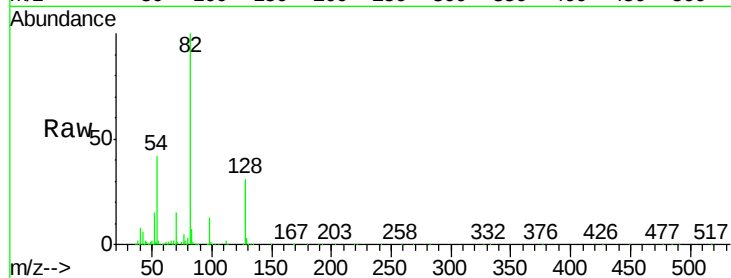




#23
 Nitrobenzene-d5
 Concen: 34.90 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.02 min
 Lab File: BG023160.D
 Acq: 18 Jul 2016 14:36

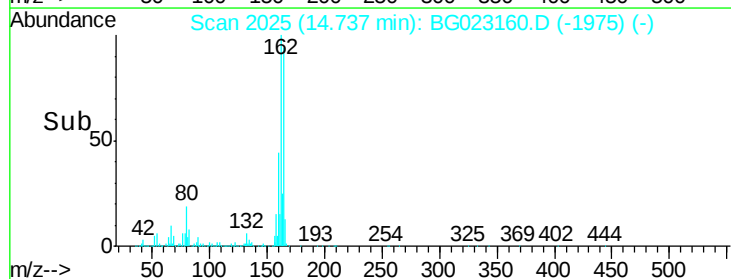
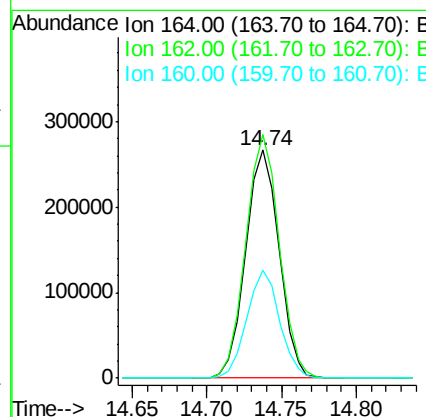
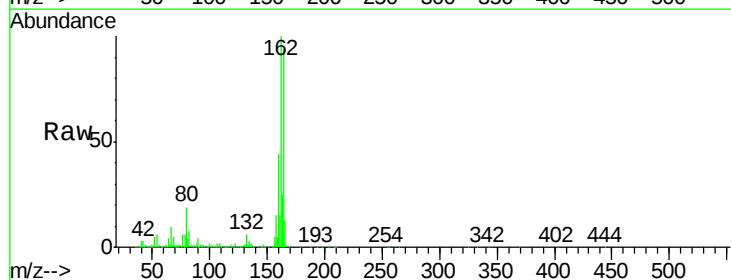
Instrument :
 BNA_G
 ClientSampleId :
 G9-B2(6-12)C

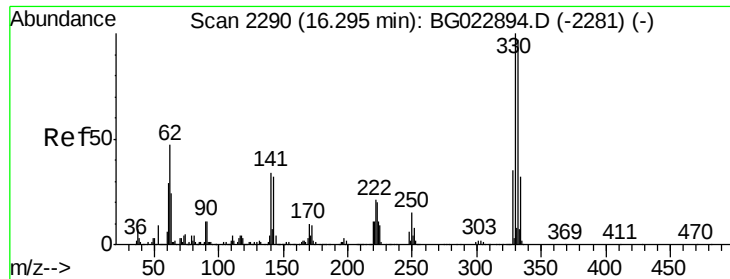
Tgt Ion: 82 Resp: 447089
 Ion Ratio Lower Upper
 82 100
 128 31.1 24.4 36.6
 54 42.4 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG023160.D
 Acq: 18 Jul 2016 14:36

Tgt Ion: 164 Resp: 412546
 Ion Ratio Lower Upper
 164 100
 162 106.8 87.7 131.5
 160 47.3 37.2 55.8

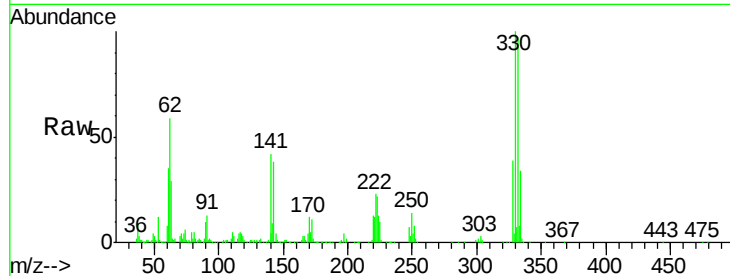




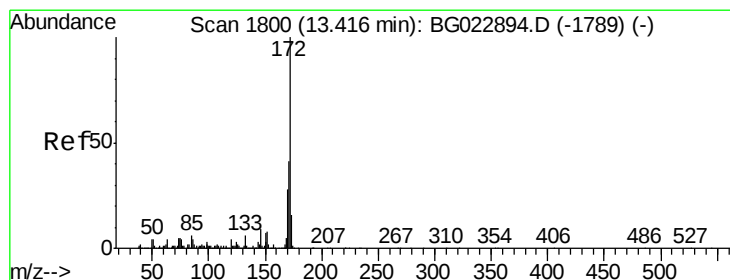
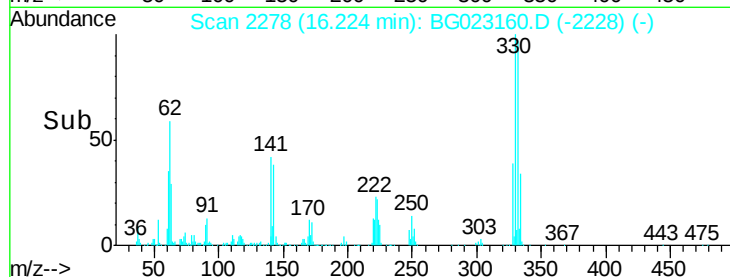
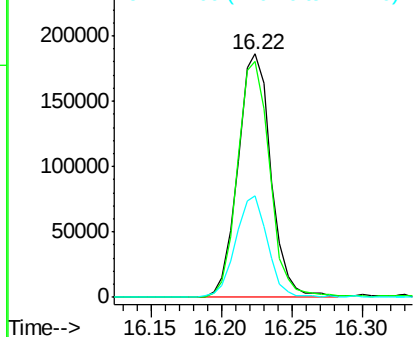
#41
 2,4,6-Tribromophenol
 Concen: 41.10 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG023160.D
 Acq: 18 Jul 2016 14:36

Instrument :
 BNA_G
 ClientSampleId :
 G9-B2(6-12)C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	40.2	31.7	47.5

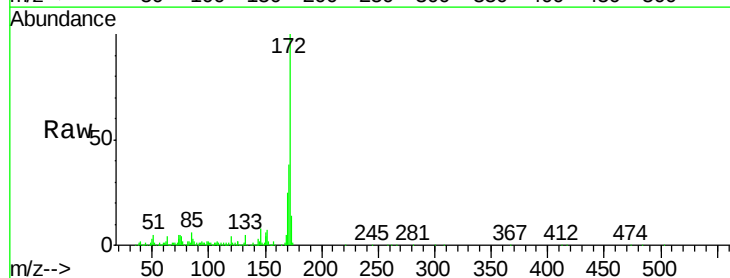


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

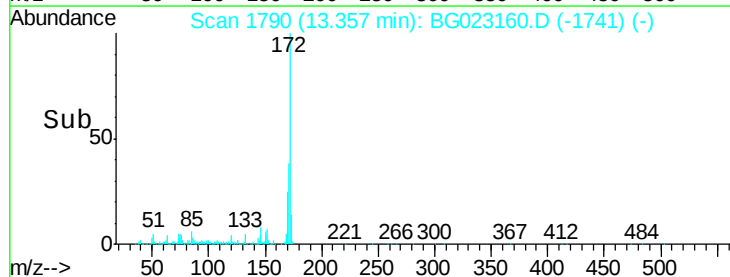
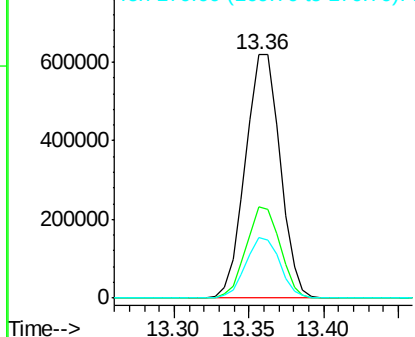


#44
 2-Fluorobiphenyl
 Concen: 38.12 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG023160.D
 Acq: 18 Jul 2016 14:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.6	47.4
170	25.1	21.3	31.9



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: 6.42 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG023160.D

Acq: 18 Jul 2016 14:36

Instrument :

BNA_G

ClientSampleId :

G9-B2(6-12)C

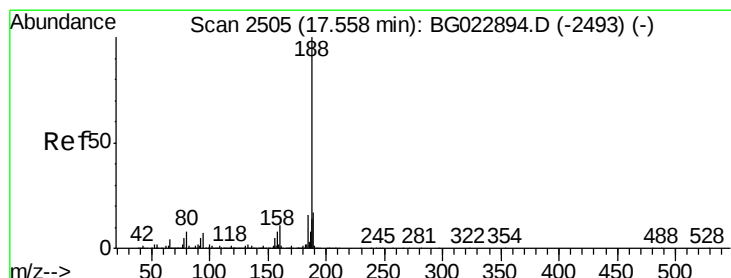
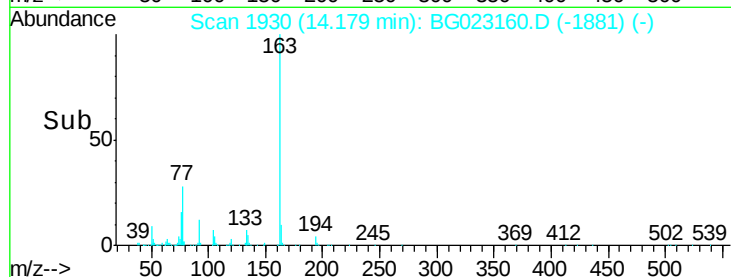
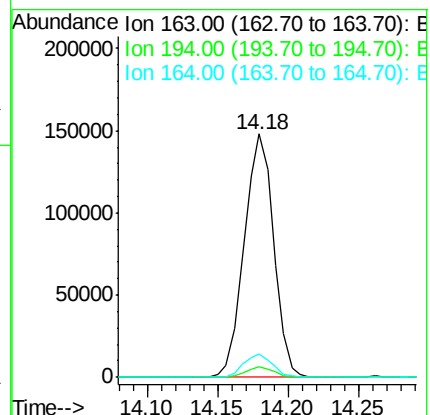
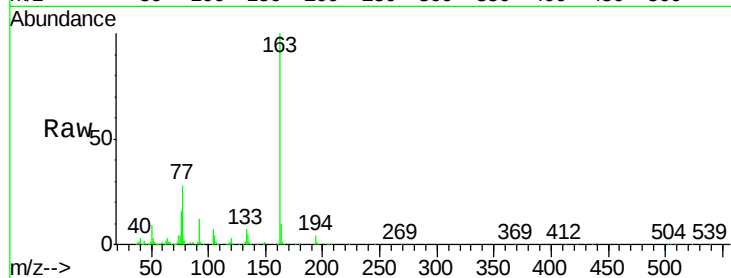
Tgt Ion:163 Resp: 216190

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

164 9.6 8.1 12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2491

Delta R.T. -0.01 min

Lab File: BG023160.D

Acq: 18 Jul 2016 14:36

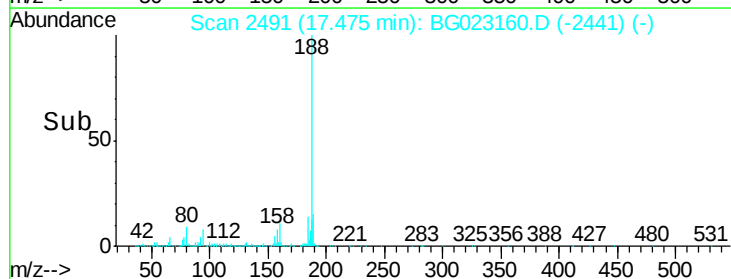
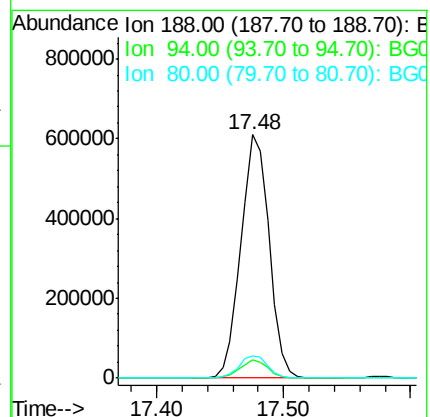
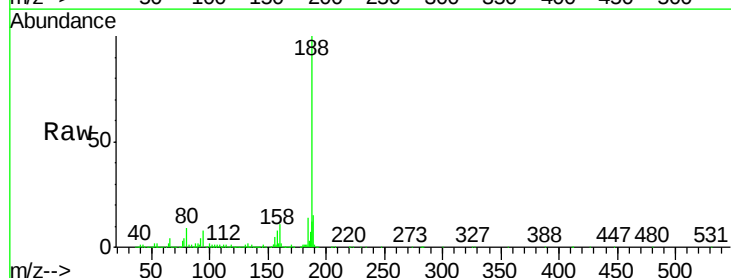
Tgt Ion:188 Resp: 939310

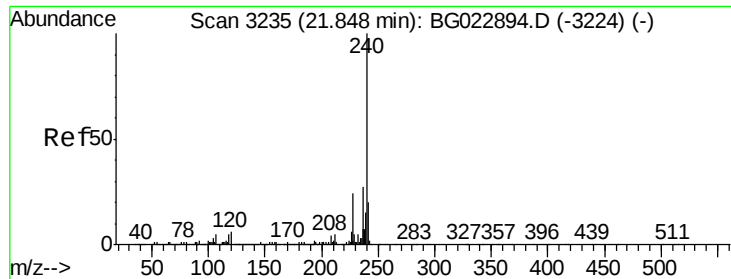
Ion Ratio Lower Upper

188 100

94 7.5 5.2 7.8

80 9.1 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.01 min

Lab File: BG023160.D

Acq: 18 Jul 2016 14:36

Instrument :

BNA_G

ClientSampleId :

G9-B2(6-12)C

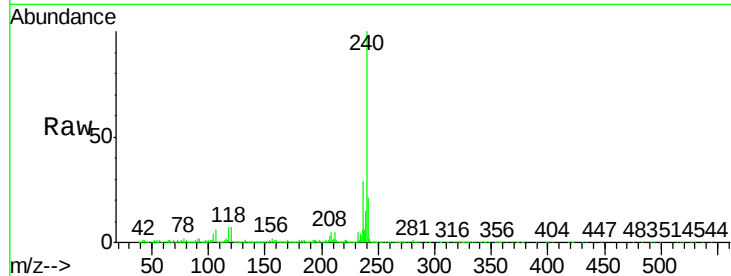
Tgt Ion:240 Resp: 966370

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

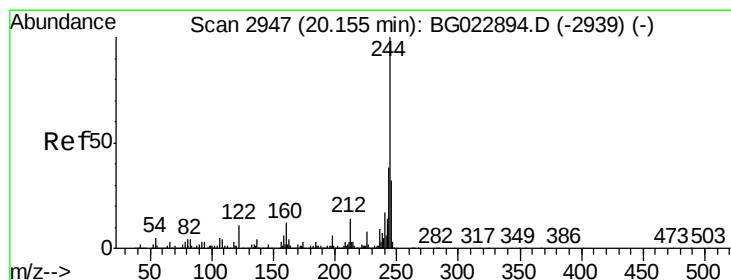
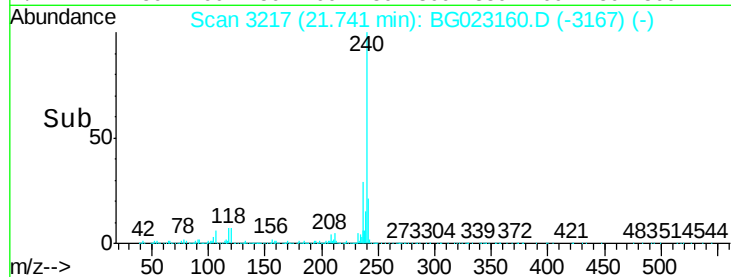
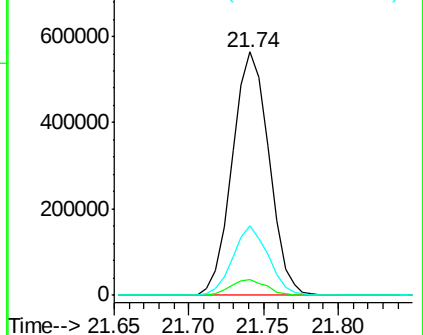
236 28.6 21.1 31.7



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: 35.24 ng

RT: 20.07 min Scan# 2932

Delta R.T. -0.01 min

Lab File: BG023160.D

Acq: 18 Jul 2016 14:36

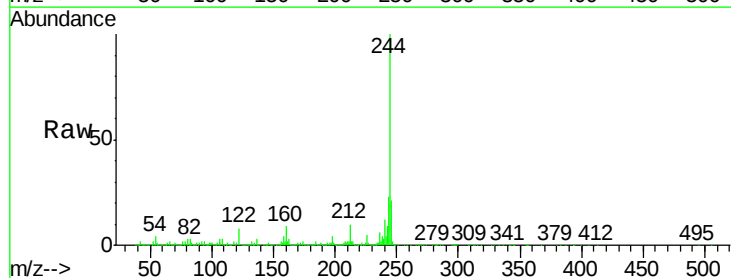
Tgt Ion:244 Resp: 1384164

Ion Ratio Lower Upper

244 100

212 9.9 10.8 16.2#

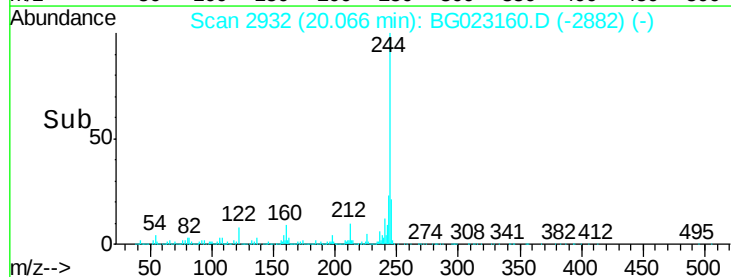
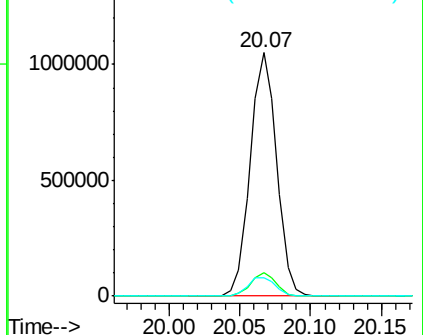
122 7.7 8.0 12.0#

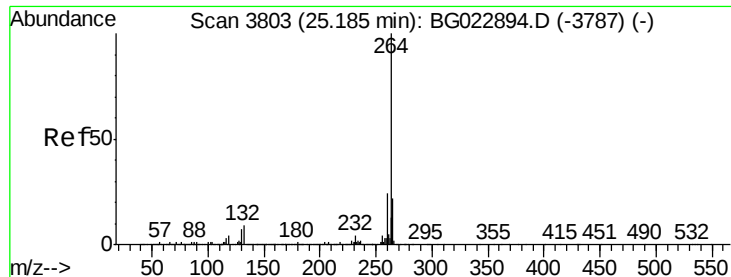


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.02 min Scan# 3775
 Delta R.T. -0.01 min
 Lab File: BG023160.D
 Acq: 18 Jul 2016 14:36

Instrument :
 BNA_G
 ClientSampleId :
 G9-B2(6-12)C

Tgt Ion:	264	Resp:	951953
Ion	Ratio	Lower	Upper
264	100		
260	26.9	18.4	27.6
265	23.2	18.9	28.3

