

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
 Data File : BG023097.D
 Acq On : 14 Jul 2016 12:10
 Operator : UM/SJ
 Sample : H3996-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)C

Quant Time: Jul 14 18:18:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

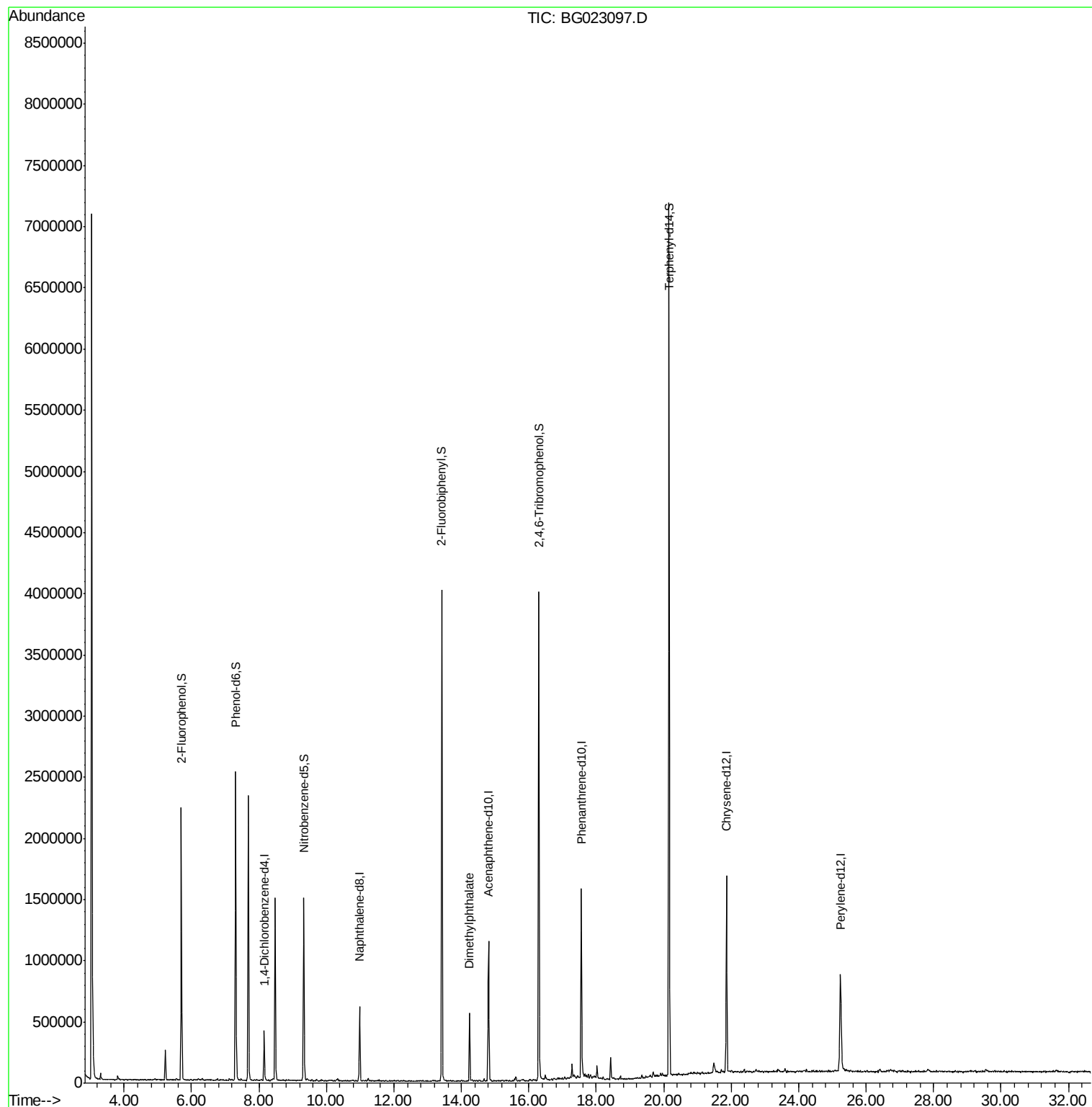
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	104942	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	486997	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	393333	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	927079	20.00	ng	0.00
75) Chrysene-d12	21.86	240	994423	20.00	ng	0.01
86) Perylene-d12	25.24	264	1001965	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	877170	136.71	ng	0.00
7) Phenol-d6	7.31	99	1390127	138.32	ng	0.00
23) Nitrobenzene-d5	9.33	82	993387	87.34	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	741615	104.91	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1976907	79.17	ng	0.00
78) Terphenyl-d14	20.16	244	2724163	88.10	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	359412	11.19	ng	98

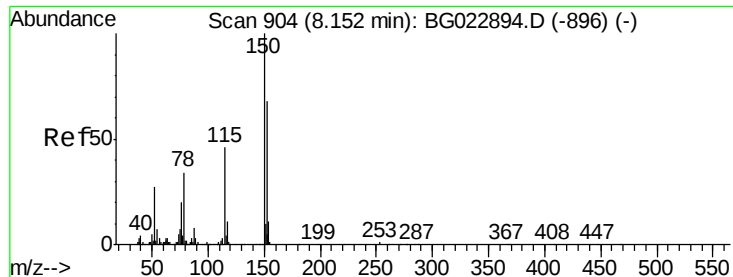
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)C

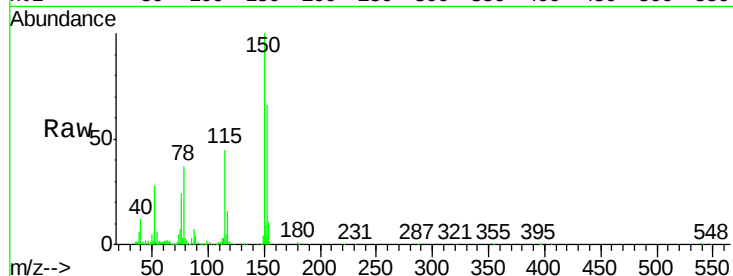
Tot Ion:152 Resp: 104942

Ion Ratio Lower Upper

152 100

150 152.3 144.7 217.1

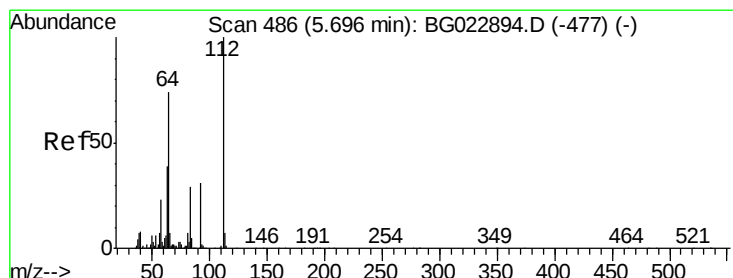
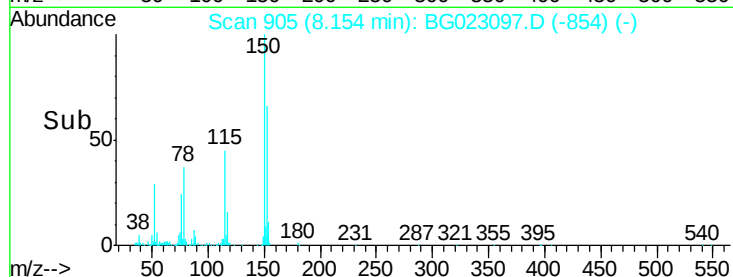
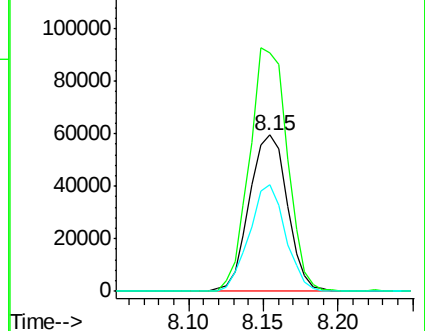
115 68.6 64.0 96.0



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: 136.71 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

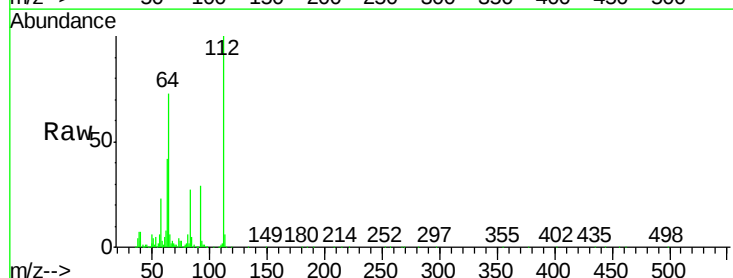
Tgt Ion:112 Resp: 877170

Ion Ratio Lower Upper

112 100

64 73.1 59.0 88.4

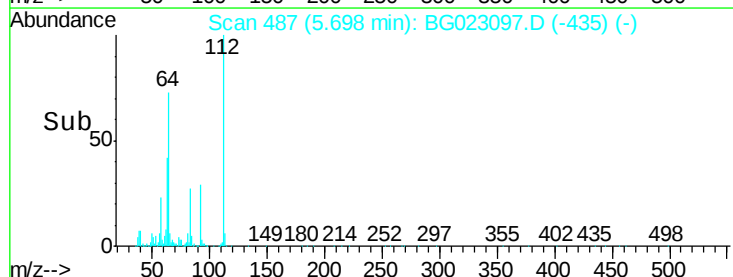
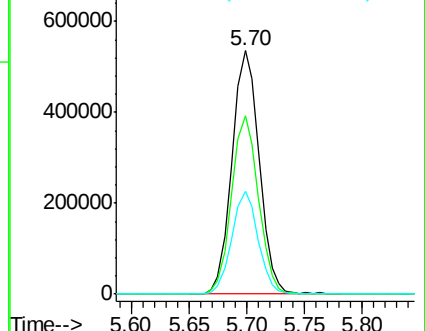
63 42.0 37.8 56.8

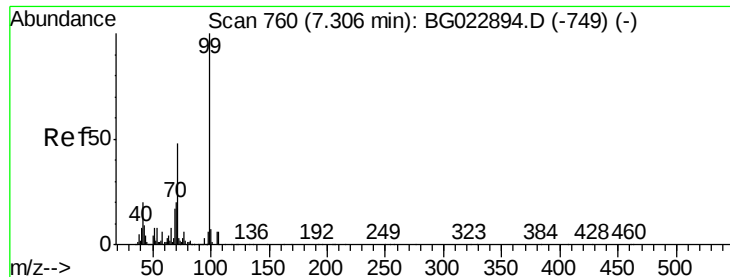


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.32 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

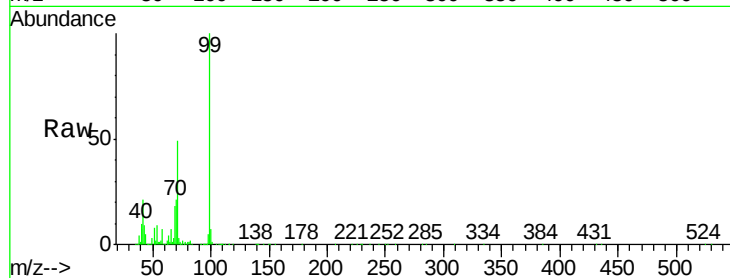
BNA_G

ClientSampleId :

B7-B2(5-12)C

Tot Ion: 99 Resp: 1390127

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	49.0	41.5	62.3

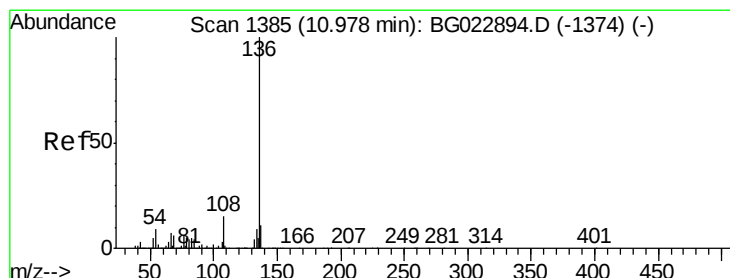
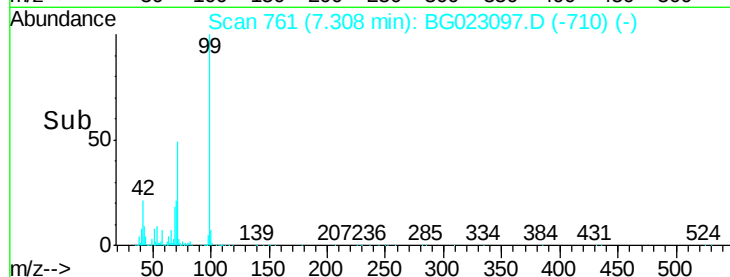
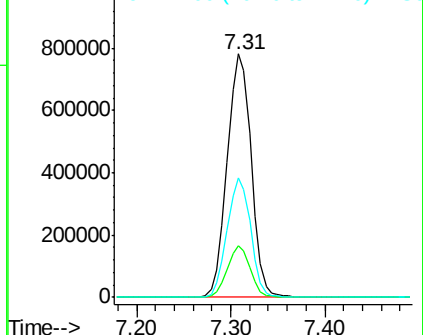


Abundance

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

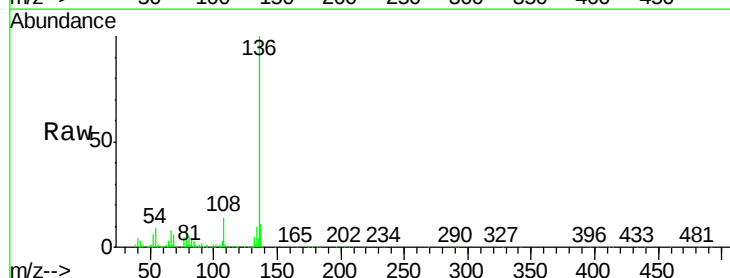
Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Tgt Ion: 136 Resp: 486997

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	8.7	7.3	10.9
68	6.2	5.3	7.9



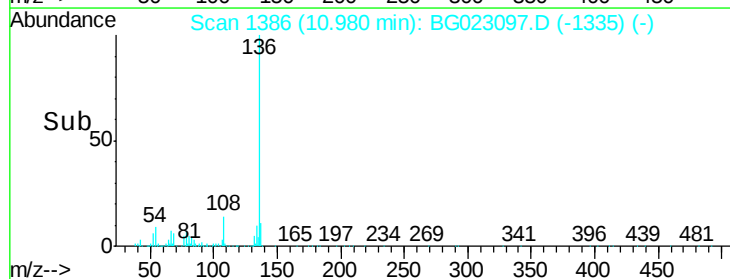
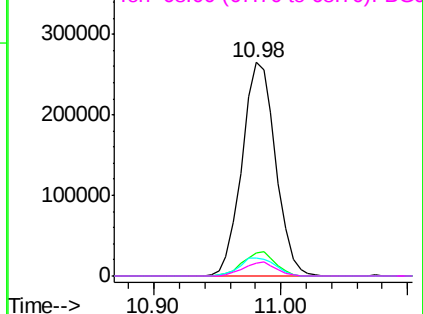
Abundance

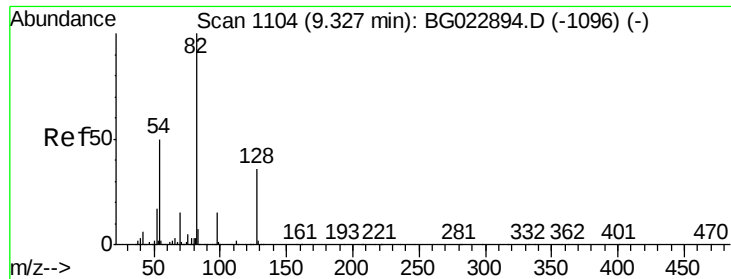
Ion 136.00 (135.70 to 136.70): BGC

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

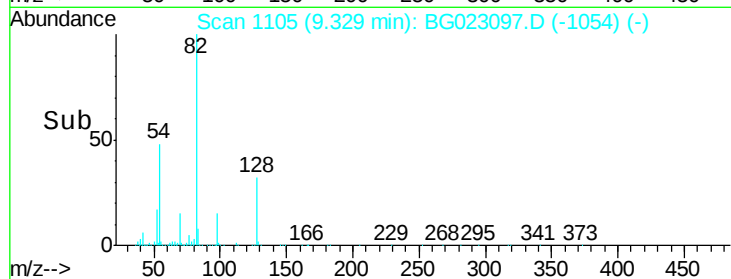
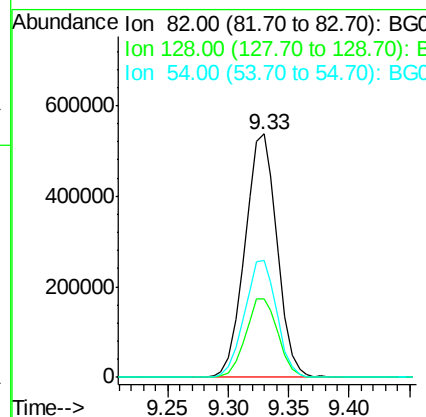
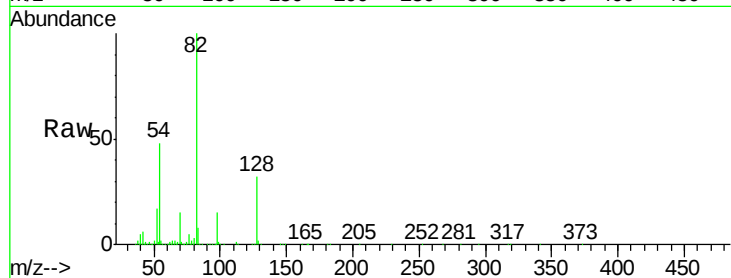




#23
 Nitrobenzene-d5
 Concen: 87.34 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023097.D
 Acq: 14 Jul 2016 12:10

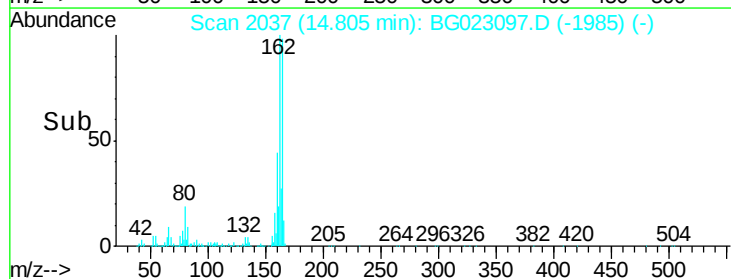
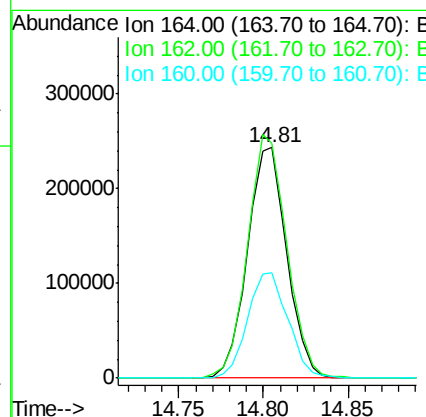
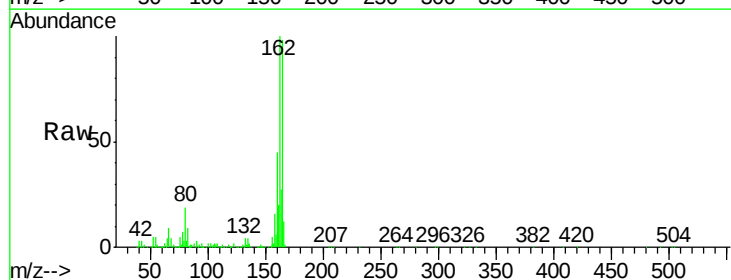
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)C

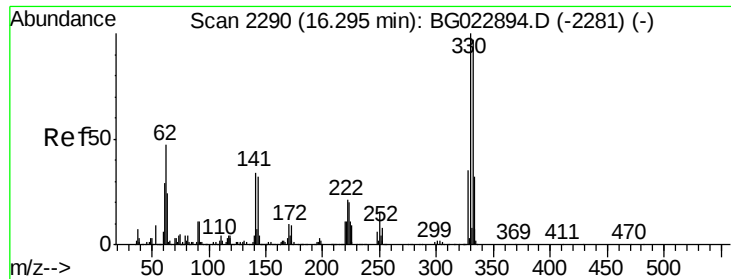
Tot Ion	82	Resp	993387
Ion Ratio	Lower	Upper	
82	100		
128	32.4	24.4	36.6
54	47.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BG023097.D
 Acq: 14 Jul 2016 12:10

Tgt Ion	164	Resp	393333
Ion Ratio	Lower	Upper	
164	100		
162	102.2	87.7	131.5
160	45.7	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 104.91 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)C

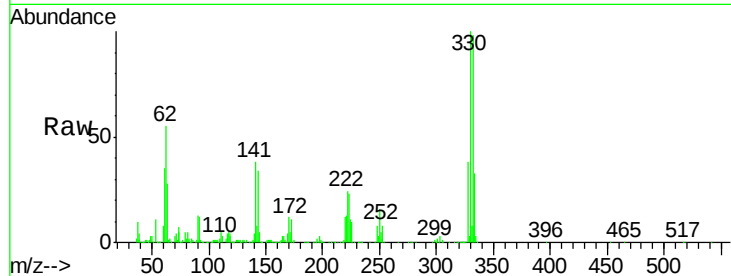
Tot Ion:330 Resp: 741615

Ion Ratio Lower Upper

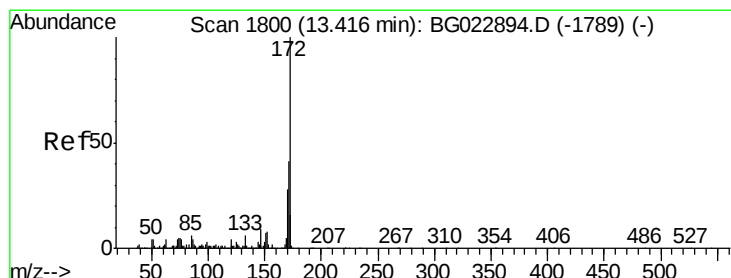
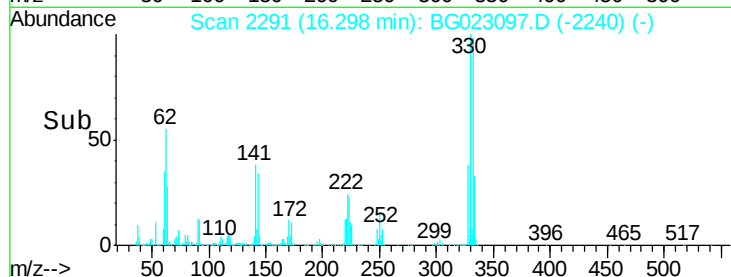
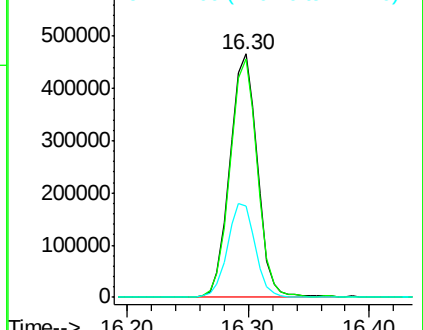
330 100

332 96.9 77.4 116.2

141 38.7 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: 79.17 ng

RT: 13.42 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

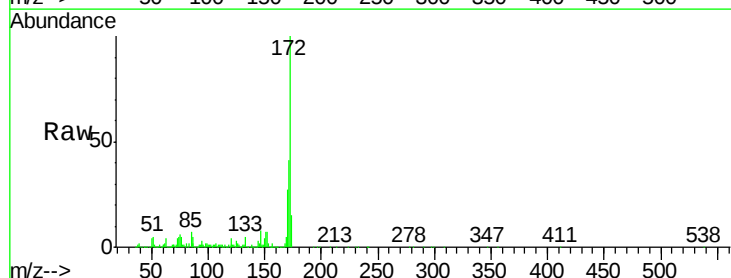
Tgt Ion:172 Resp: 1976907

Ion Ratio Lower Upper

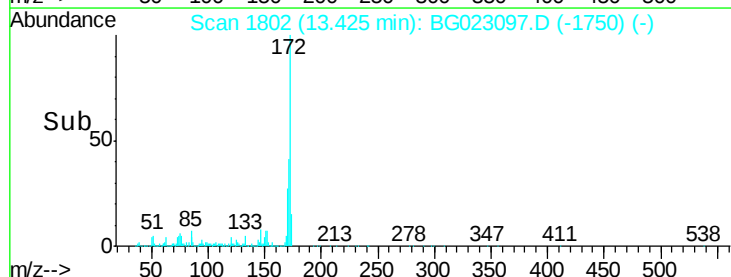
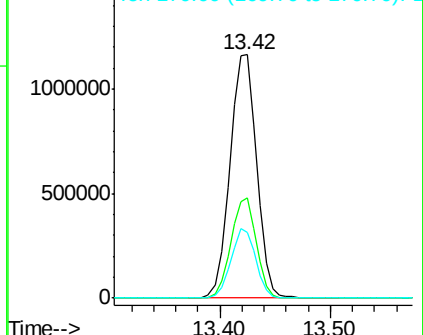
172 100

171 41.0 31.6 47.4

170 26.8 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: 11.19 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)C

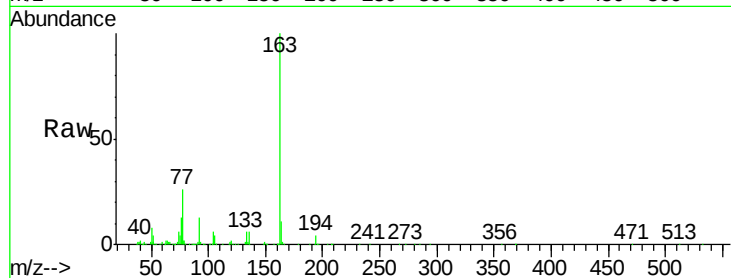
Tot Ion:163 Resp: 359412

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

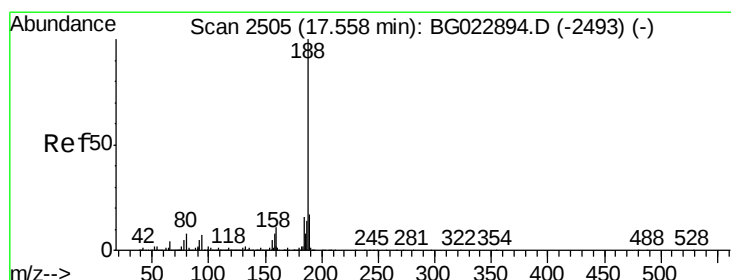
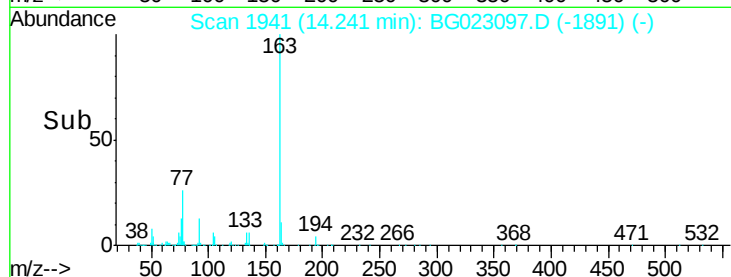
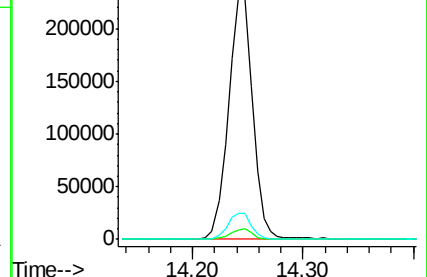
164 10.6 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

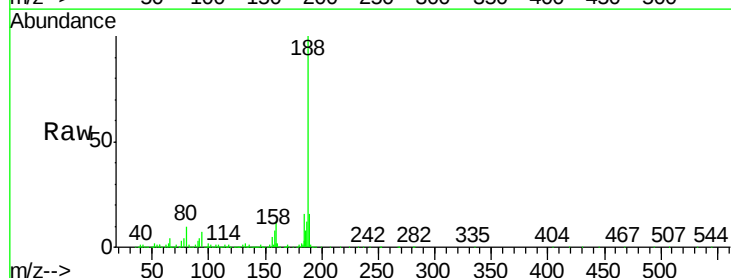
Tgt Ion:188 Resp: 927079

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

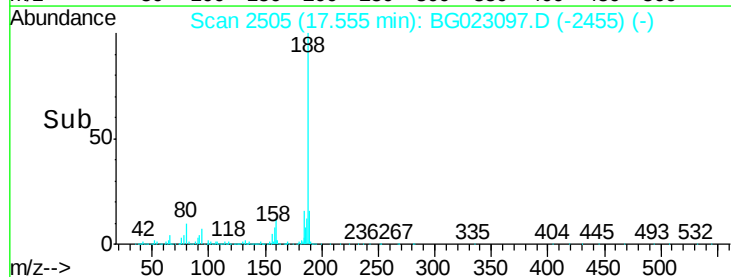
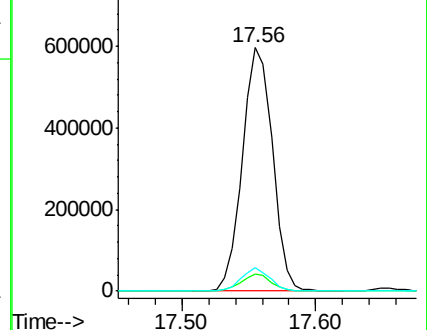
80 9.7 7.2 10.8

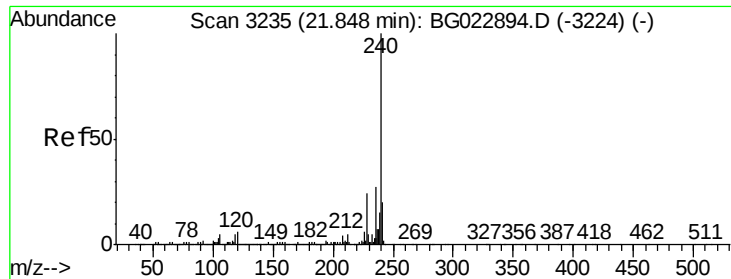


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

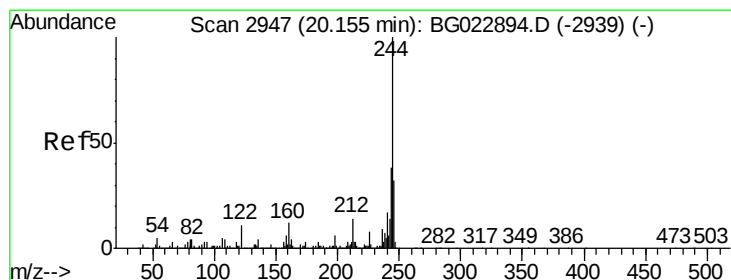
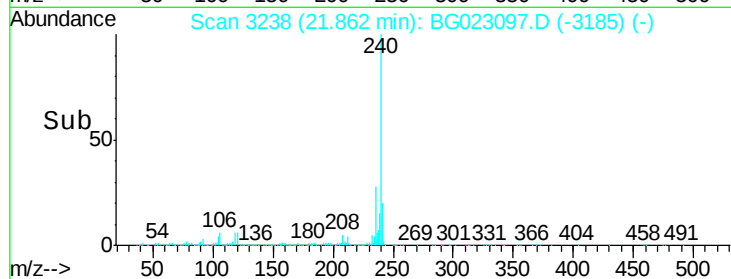
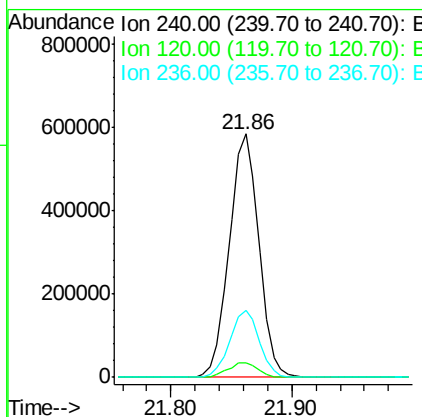
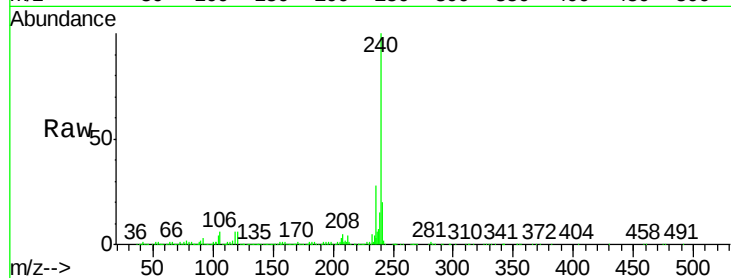




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.01 min
 Lab File: BG023097.D
 Acq: 14 Jul 2016 12:10

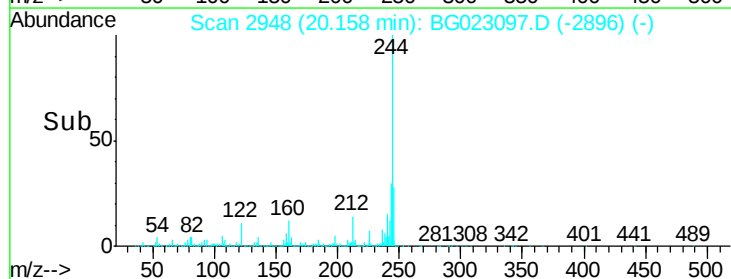
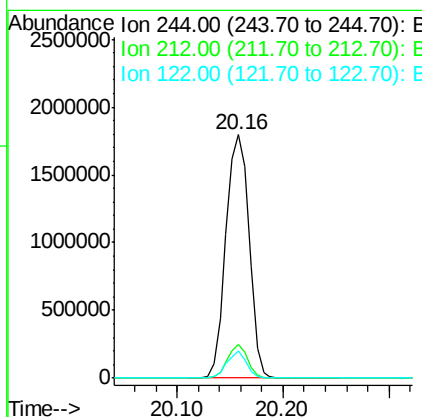
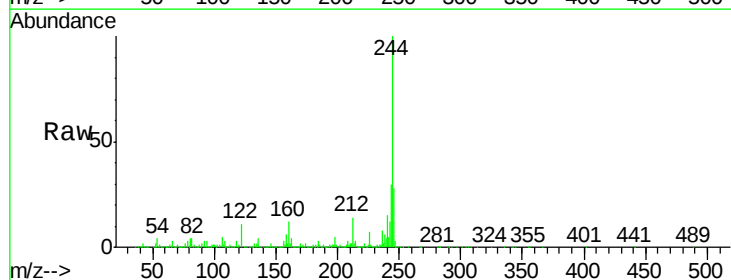
Instrument :
 BNA_G
 ClientSampleId :
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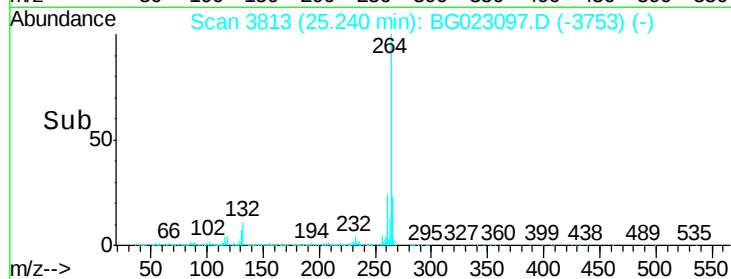
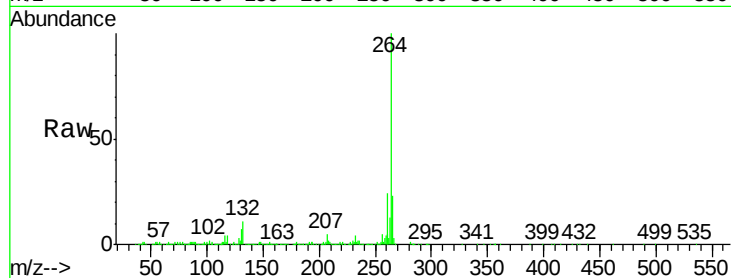
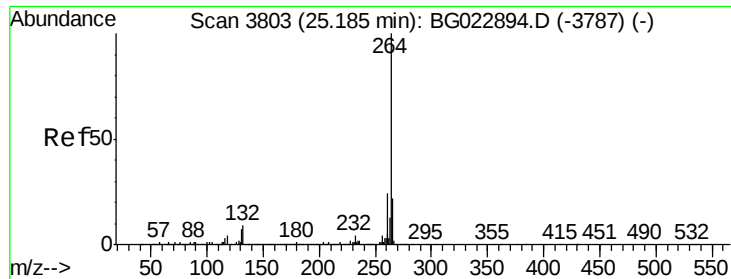
Tot Ion:240 Resp: 994423
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.1 6.1#
 236 27.7 21.1 31.7



#78
 Terphenyl-d14
 Concen: 88.10 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG023097.D
 Acq: 14 Jul 2016 12:10

Tgt Ion:244 Resp: 2724163
 Ion Ratio Lower Upper
 244 100
 212 13.6 10.8 16.2
 122 11.3 8.0 12.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)C

Tot Ion:264 Resp: 1001965

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	22.9	18.9	28.3

