

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023026.D
 Acq On : 12 Jul 2016 7:57
 Operator : UM/SJ
 Sample : H3936-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 15:42:44 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

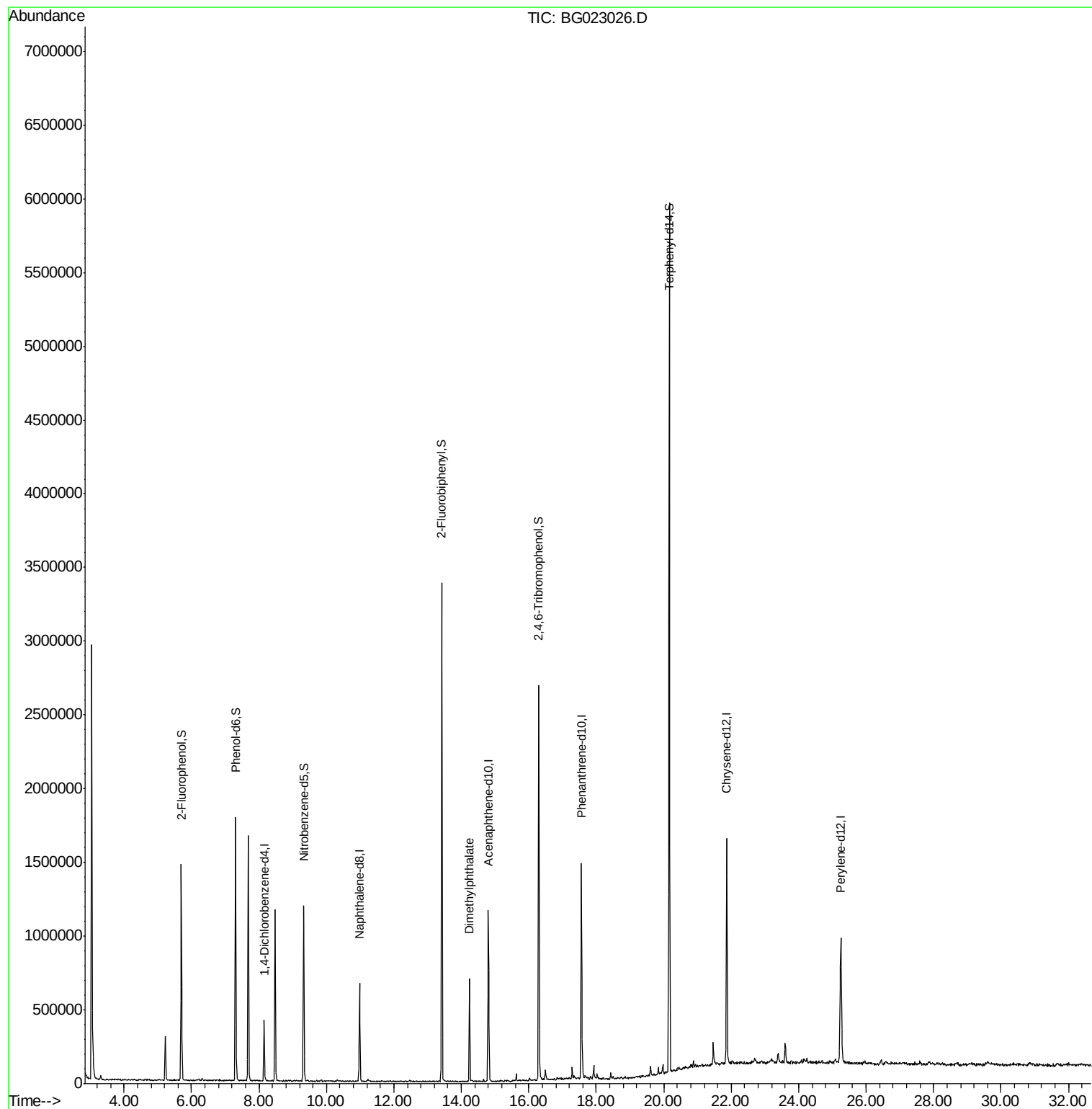
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	102672	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	507189	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	391616	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	895385	20.00	ng	0.00
75) Chrysene-d12	21.87	240	969384	20.00	ng	0.02
86) Perylene-d12	25.25	264	978378	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	608460	96.92	ng	0.00
7) Phenol-d6	7.31	99	1014731	103.20	ng	0.00
23) Nitrobenzene-d5	9.32	82	753243	63.59	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	494579	70.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1625041	65.36	ng	0.00
78) Terphenyl-d14	20.16	244	2247049	68.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	437023	13.66	ng	Qvalue 99

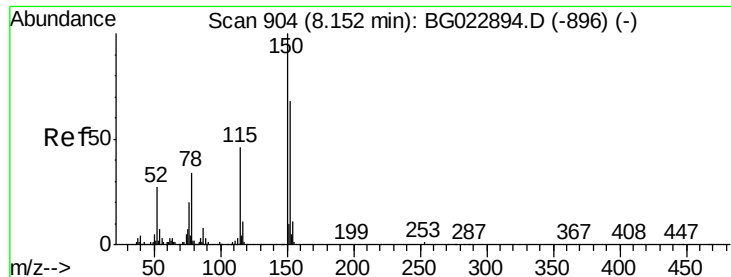
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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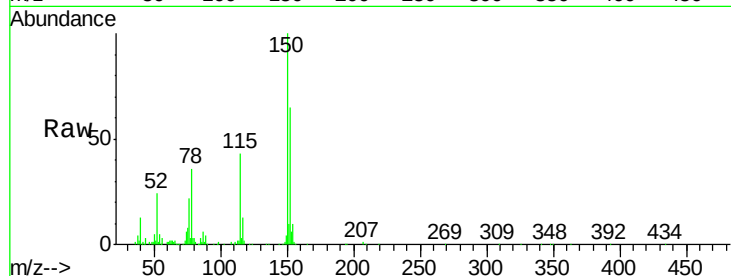


#1

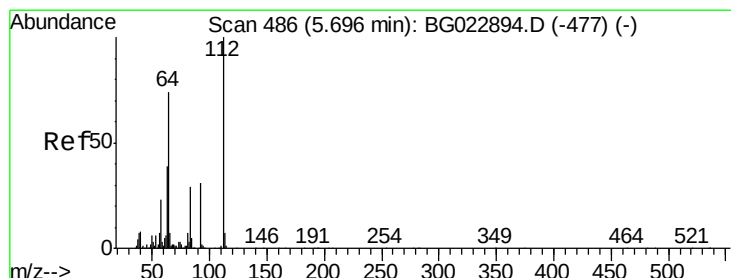
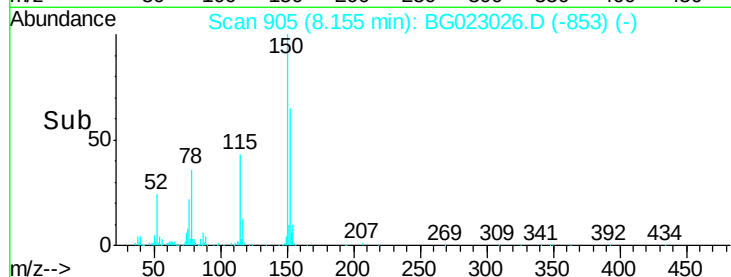
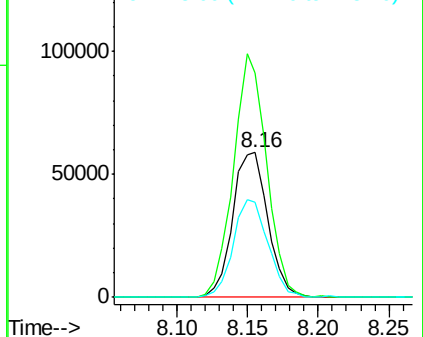
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023026.D
Acq: 12 Jul 2016 7:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 102672
Ion Ratio Lower Upper
152 100
150 155.0 144.7 217.1
115 66.0 64.0 96.0



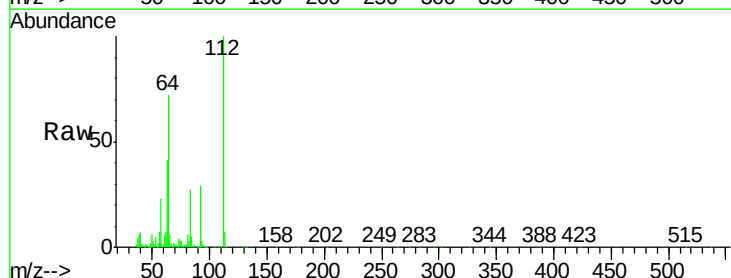
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



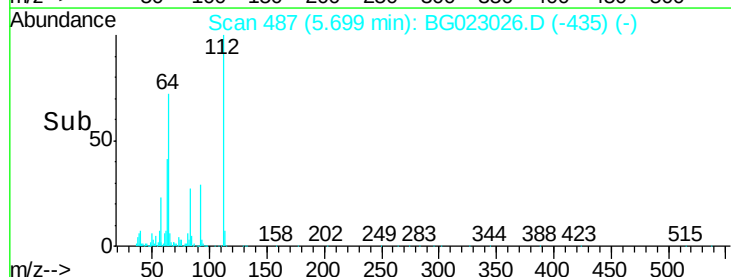
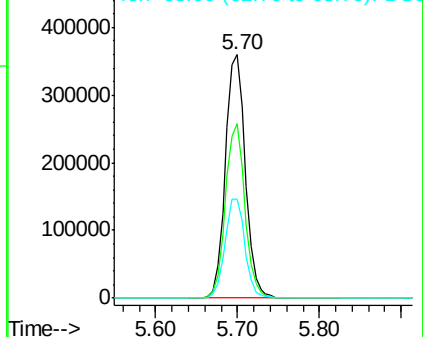
#5

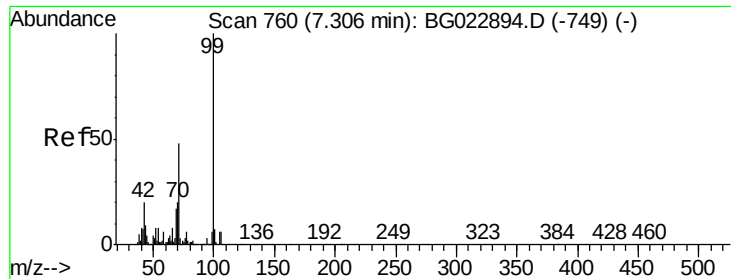
2-Fluorophenol
Concen: 96.92 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023026.D
Acq: 12 Jul 2016 7:57

Tgt Ion:112 Resp: 608460
Ion Ratio Lower Upper
112 100
64 71.6 59.0 88.4
63 40.7 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: 103.20 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

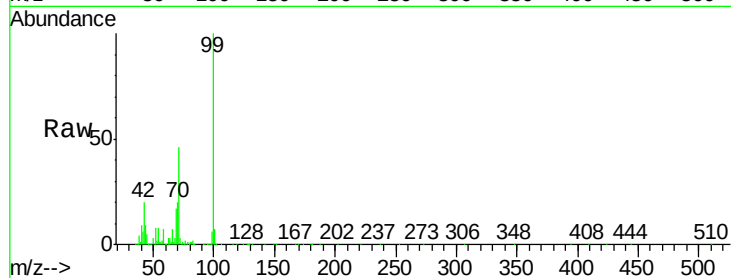
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1014731

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	46.3	41.5	62.3

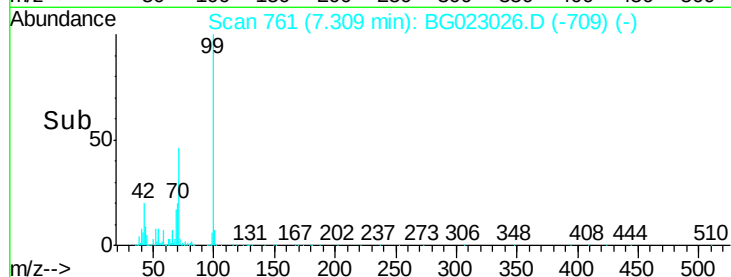


Abundance

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

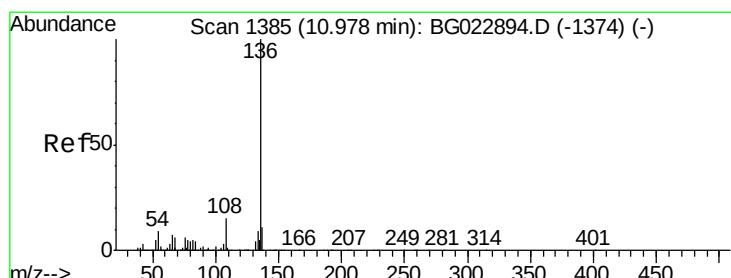


Abundance

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

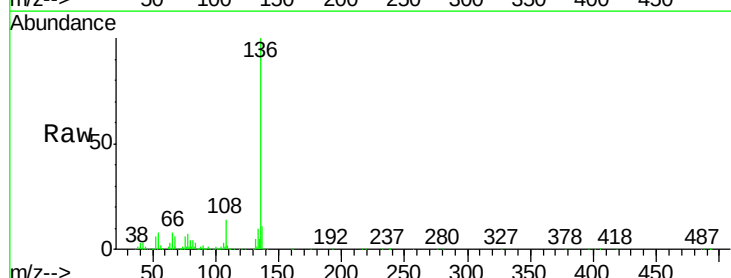
Delta R.T. 0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

Tgt Ion: 136 Resp: 507189

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	7.6	7.3	10.9
68	6.5	5.3	7.9



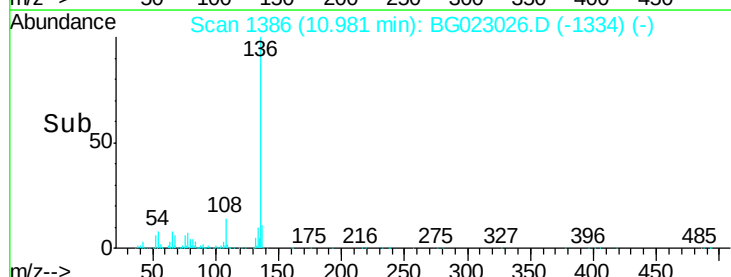
Abundance

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



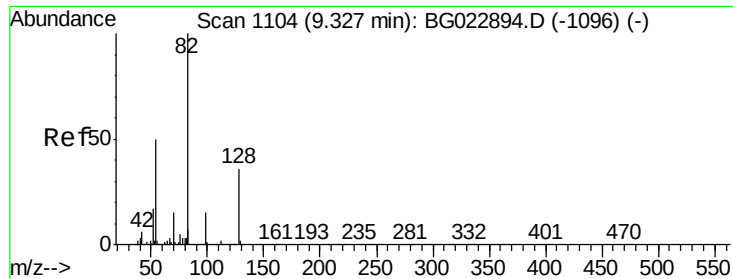
Abundance

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

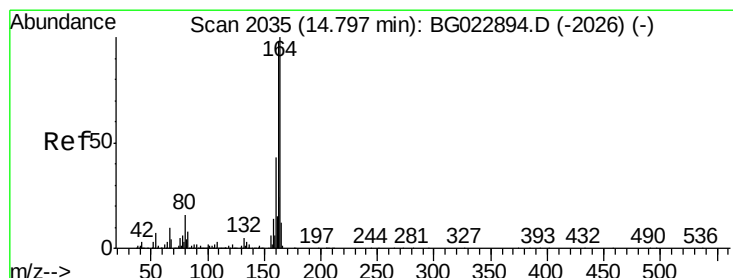
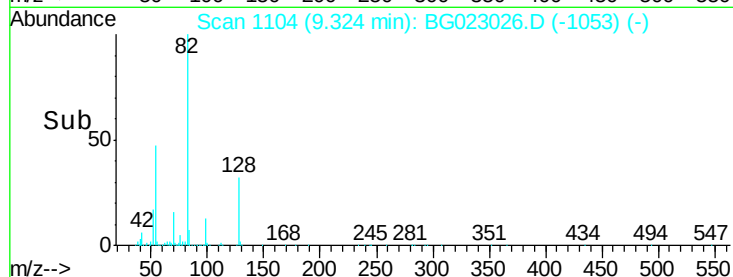
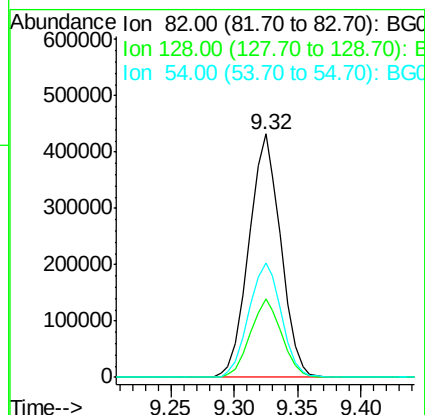
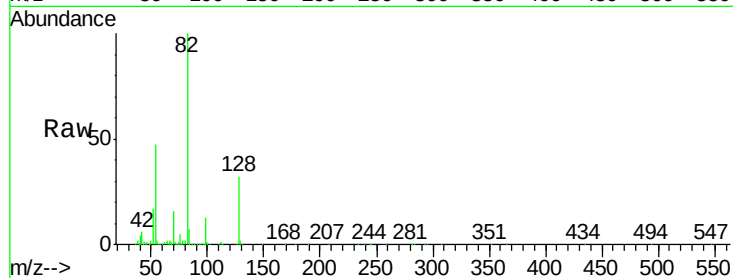
Ion 68.00 (67.70 to 68.70): BGC



#23
 Nitrobenzene-d5
 Concen: 63.59 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023026.D
 Acq: 12 Jul 2016 7:57

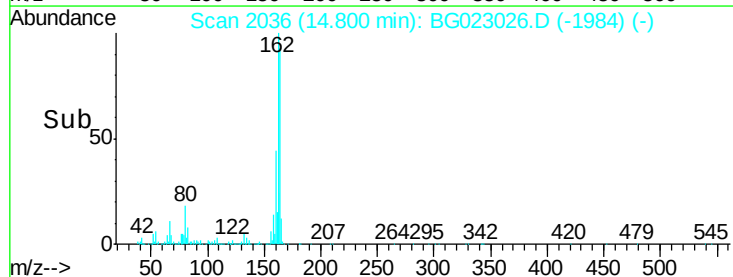
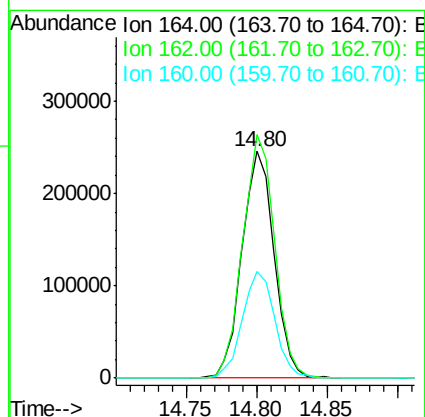
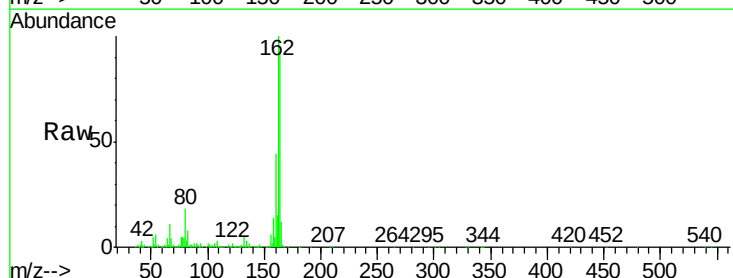
Instrument :
 BNA_G
 ClientSampleId :

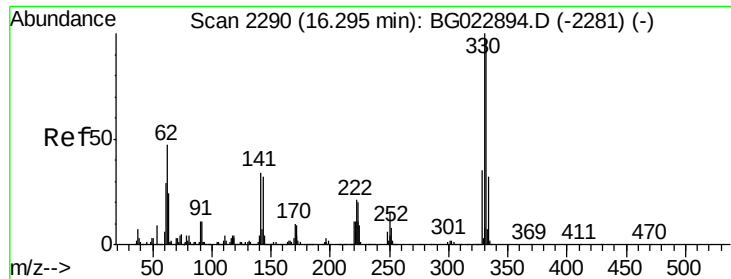
Tot Ion	82	Resp	753243
Ion Ratio	Lower	Upper	
82	100		
128	32.3	24.4	36.6
54	47.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023026.D
 Acq: 12 Jul 2016 7:57

Tgt Ion	164	Resp	391616
Ion Ratio	Lower	Upper	
164	100		
162	107.3	87.7	131.5
160	47.2	37.2	55.8

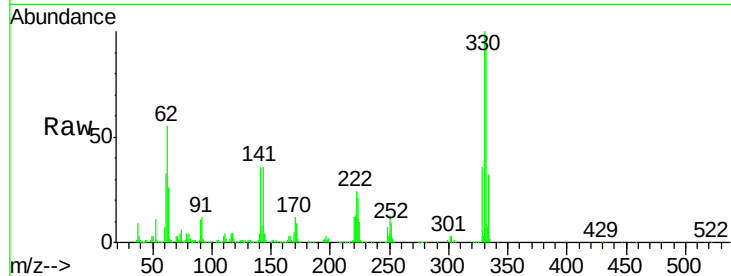




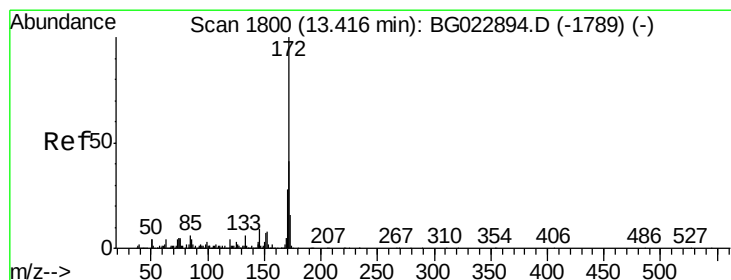
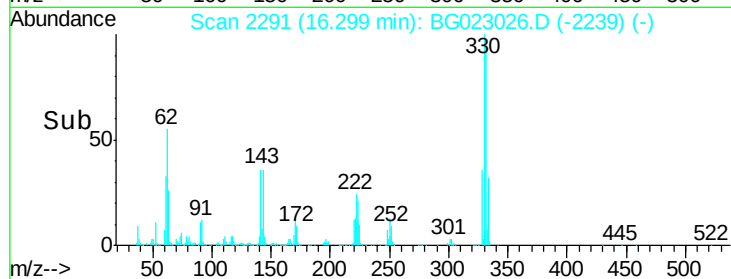
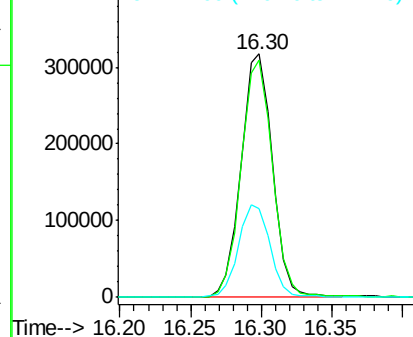
#41
 2,4,6-Tribromophenol
 Concen: 70.27 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023026.D
 Acq: 12 Jul 2016 7:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 494579
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 38.6 31.7 47.5

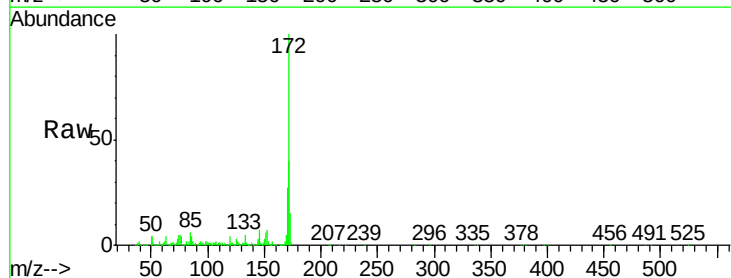


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

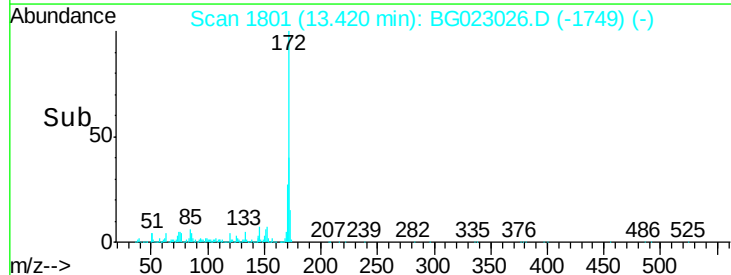
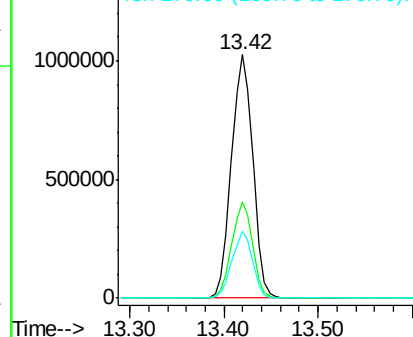


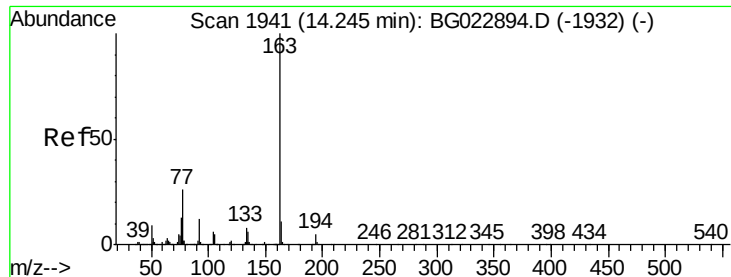
#44
 2-Fluorobiphenyl
 Concen: 65.36 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023026.D
 Acq: 12 Jul 2016 7:57

Tgt Ion:172 Resp: 1625041
 Ion Ratio Lower Upper
 172 100
 171 39.8 31.6 47.4
 170 27.4 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: 13.66 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

Instrument :

BNA_G

ClientSampleId :

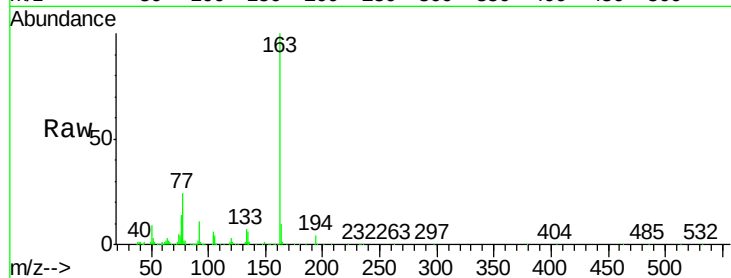
Tot Ion:163 Resp: 437023

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

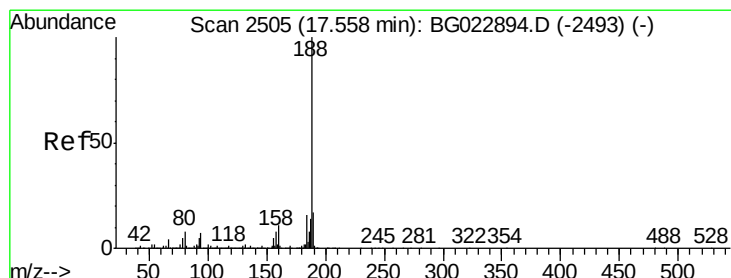
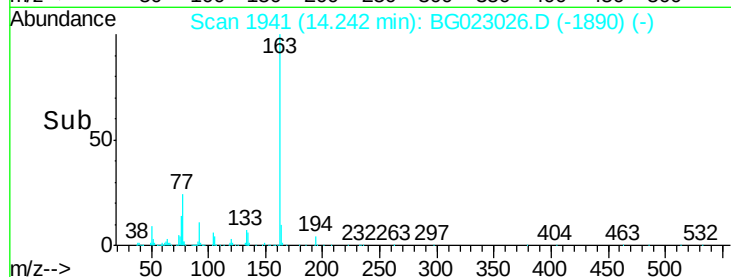
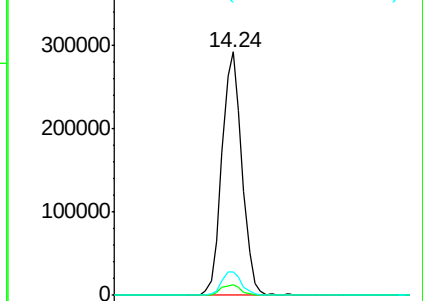
164 9.8 8.1 12.1



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# 2506

Delta R.T. 0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

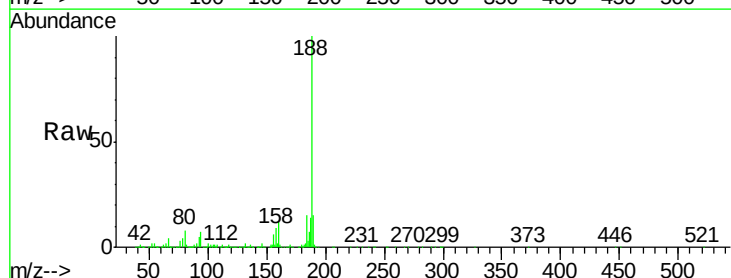
Tgt Ion:188 Resp: 895385

Ion Ratio Lower Upper

188 100

94 7.5 5.2 7.8

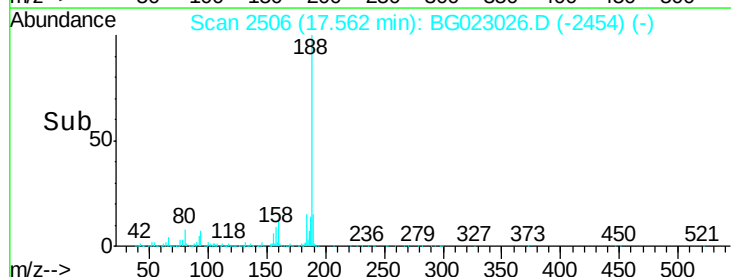
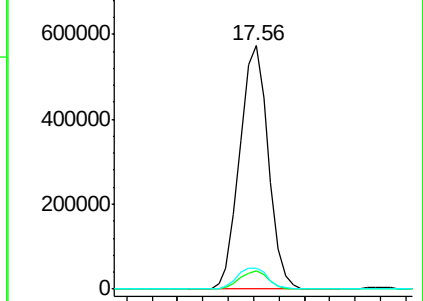
80 8.5 7.2 10.8

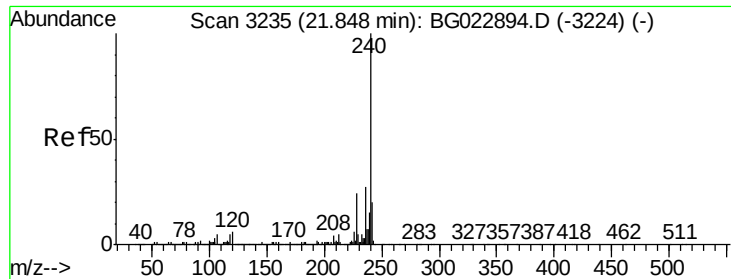


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

Instrument :

BNA_G

ClientSampleId :

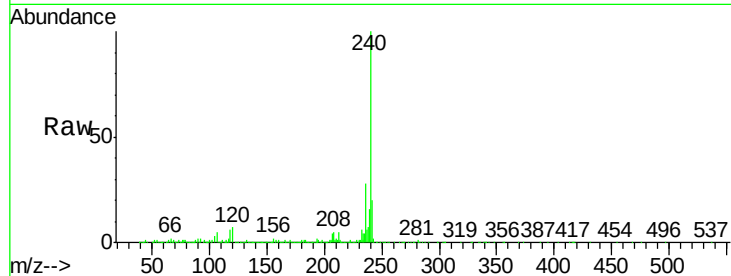
Tot Ion:240 Resp: 969384

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

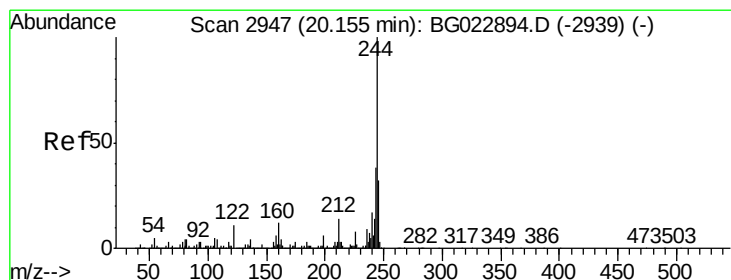
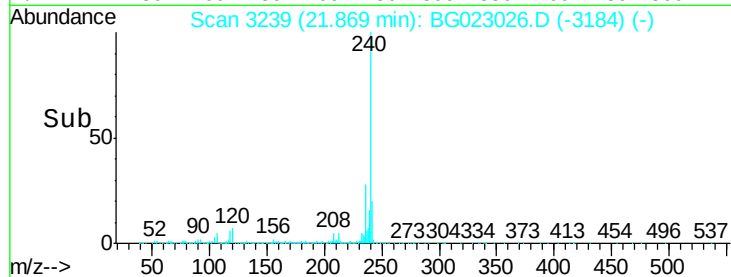
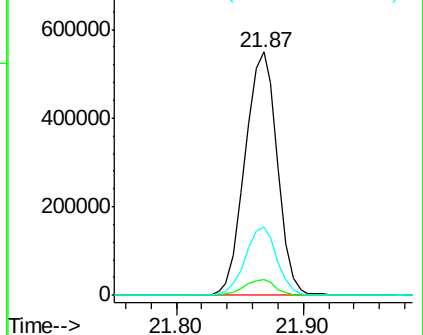
236 27.8 21.1 31.7



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: 68.11 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

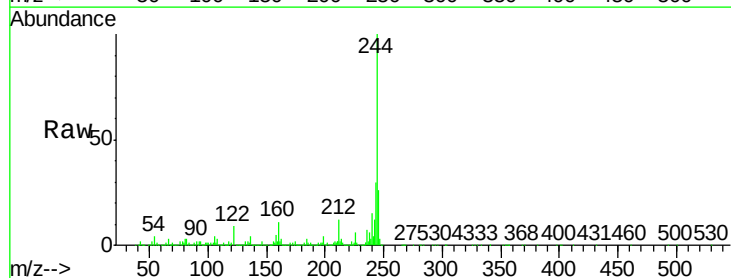
Tgt Ion:244 Resp: 2247049

Ion Ratio Lower Upper

244 100

212 11.9 10.8 16.2

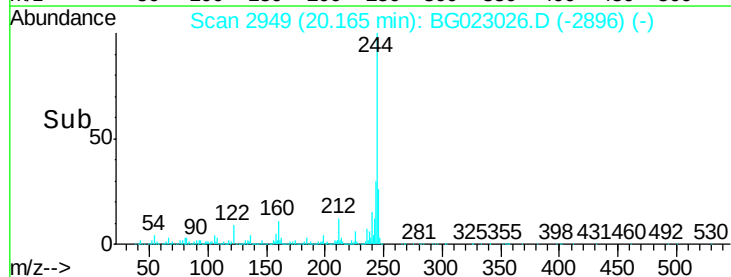
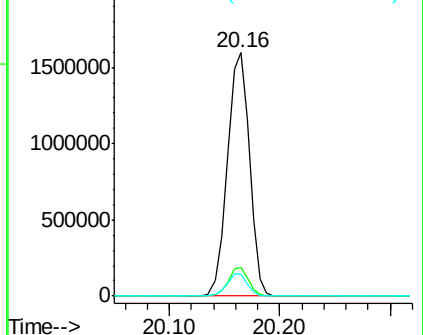
122 9.3 8.0 12.0

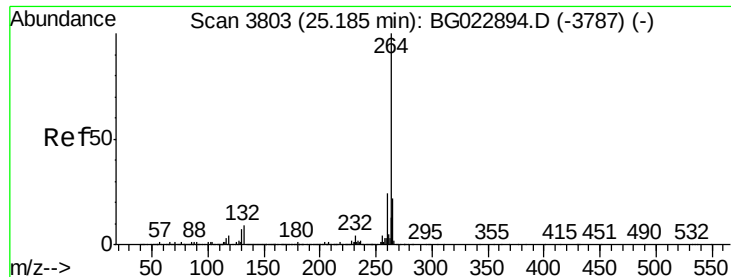


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3814
Delta R.T. 0.06 min
Lab File: BG023026.D
Acq: 12 Jul 2016 7:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	23.3	18.9	28.3

