

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023114.D
 Acq On : 15 Jul 2016 15:26
 Operator : UM/SJ
 Sample : H4015-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.2-2

Quant Time: Jul 15 23:07:59 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

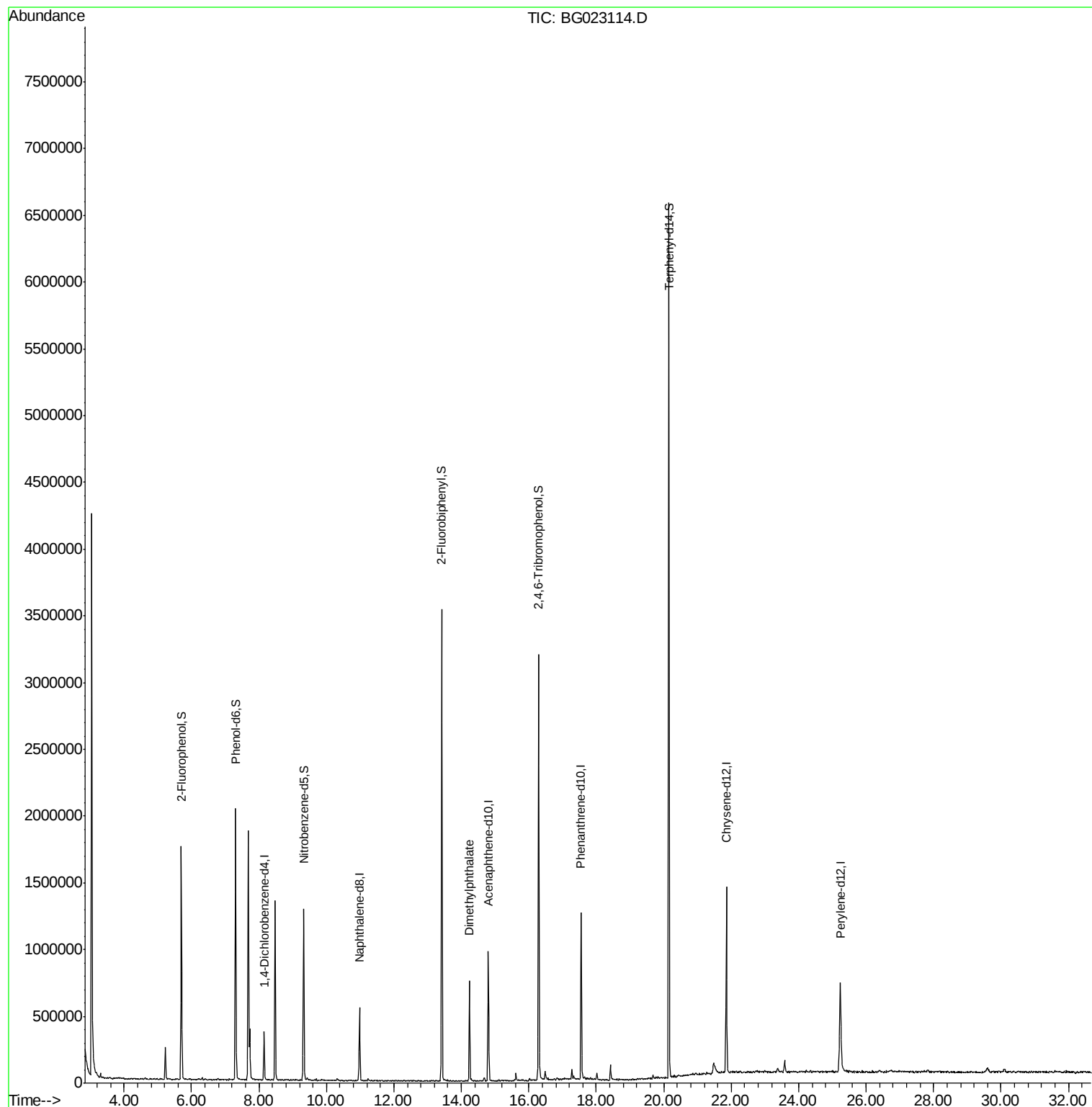
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	89916	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	427255	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	324499	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	795384	20.00	ng	0.00
75) Chrysene-d12	21.86	240	881700	20.00	ng	0.00
86) Perylene-d12	25.24	264	851116	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	707110	128.62	ng	0.00
7) Phenol-d6	7.31	99	1116207	129.63	ng	0.00
23) Nitrobenzene-d5	9.33	82	826979	82.88	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	572558	98.17	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1710419	83.02	ng	0.00
78) Terphenyl-d14	20.15	244	2488794	92.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	490302	18.50	ng	Qvalue 98

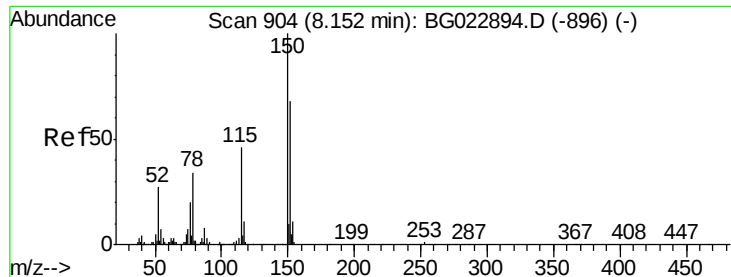
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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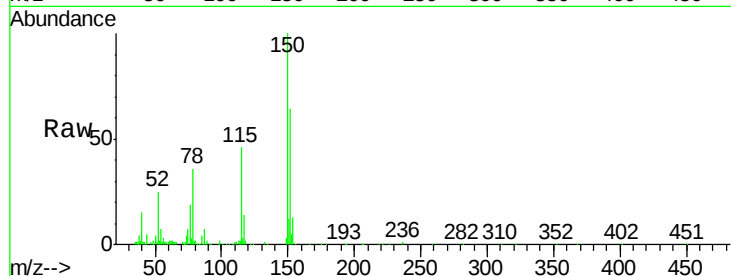


#1

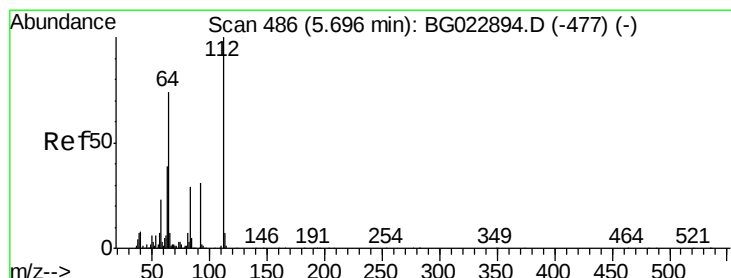
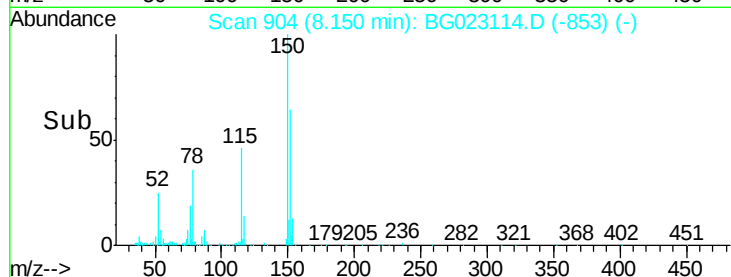
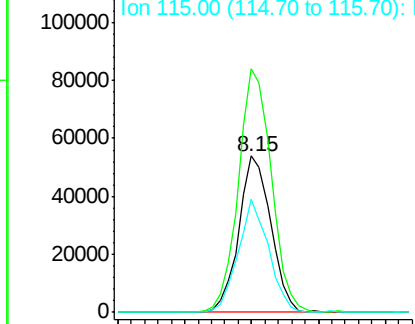
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023114.D
Acq: 15 Jul 2016 15:26

Instrument :
BNA_G
ClientSampleId :
C4.2-2

Tgt Ion:152 Resp: 89916
Ion Ratio Lower Upper
152 100
150 155.6 144.7 217.1
115 72.2 64.0 96.0



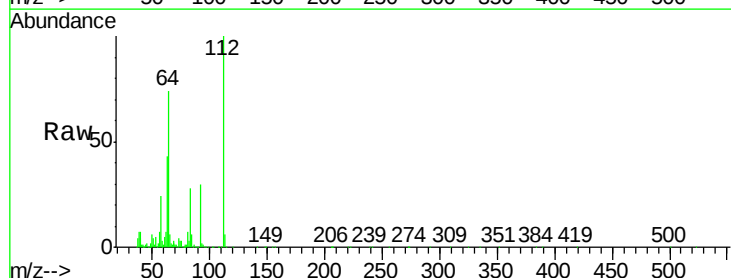
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



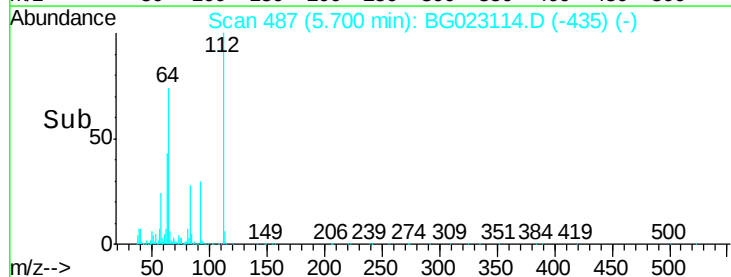
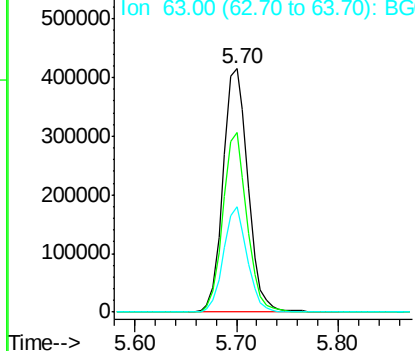
#5

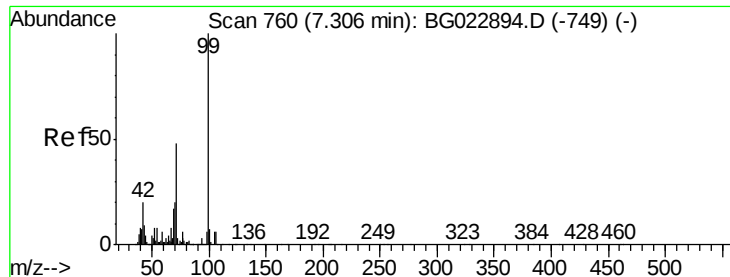
2-Fluorophenol
Concen: 128.62 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023114.D
Acq: 15 Jul 2016 15:26

Tgt Ion:112 Resp: 707110
Ion Ratio Lower Upper
112 100
64 73.8 59.0 88.4
63 43.4 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: 129.63 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023114.D

Acq: 15 Jul 2016 15:26

Instrument :

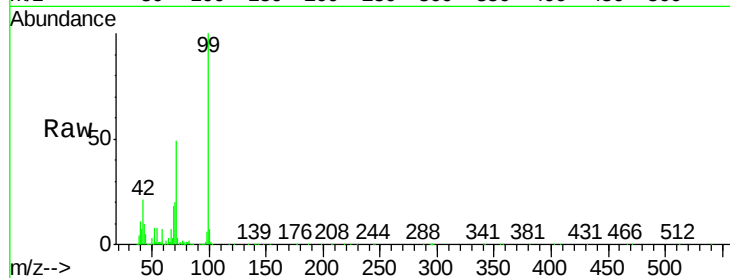
BNA_G

ClientSampleId :

C4.2-2

Tgt Ion: 99 Resp: 1116207

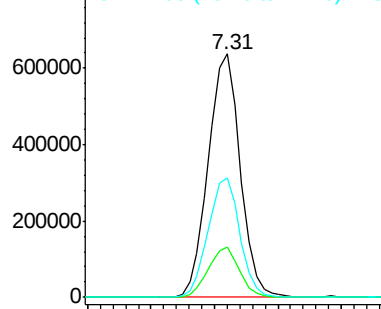
Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.8	26.6
71	49.2	41.5	62.3



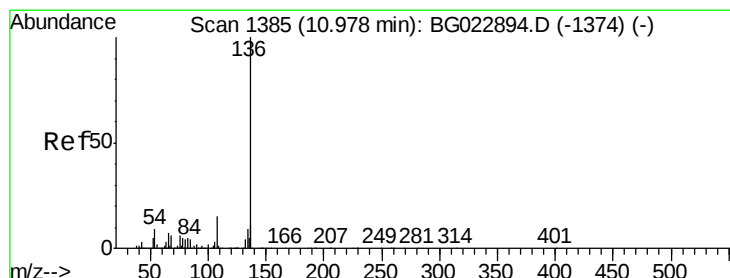
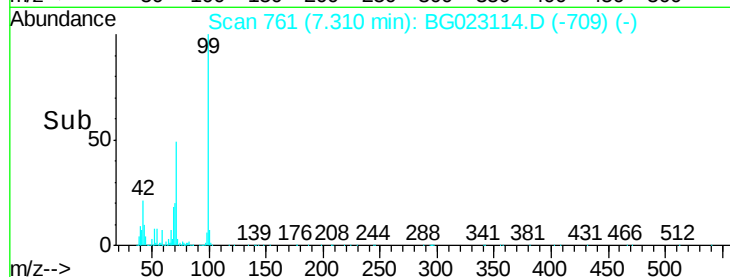
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.20 7.25 7.30 7.35 7.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

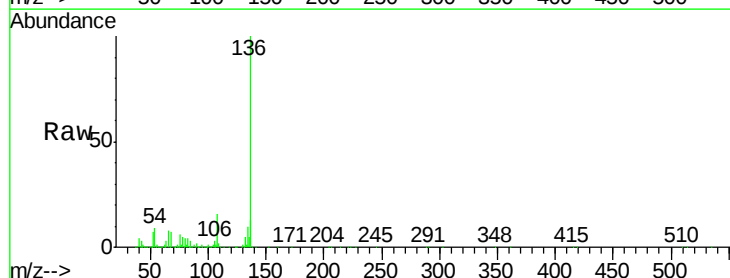
Delta R.T. 0.00 min

Lab File: BG023114.D

Acq: 15 Jul 2016 15:26

Tgt Ion: 136 Resp: 427255

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	9.3	7.3	10.9
68	6.7	5.3	7.9

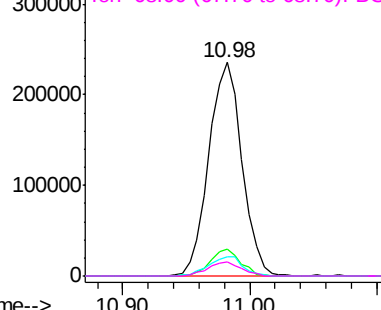


Abundance Ion 136.00 (135.70 to 136.70): BGC

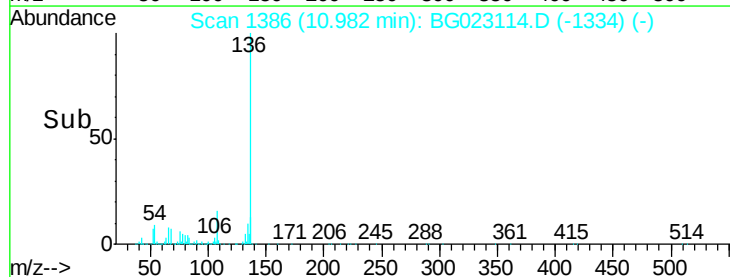
Ion 137.00 (136.70 to 137.70): BGC

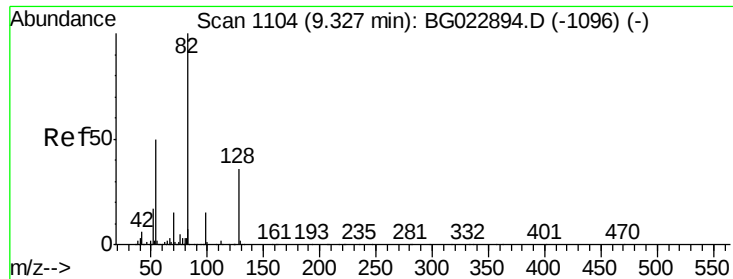
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.90 11.00

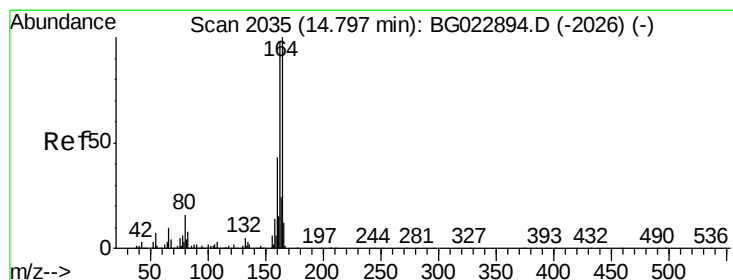
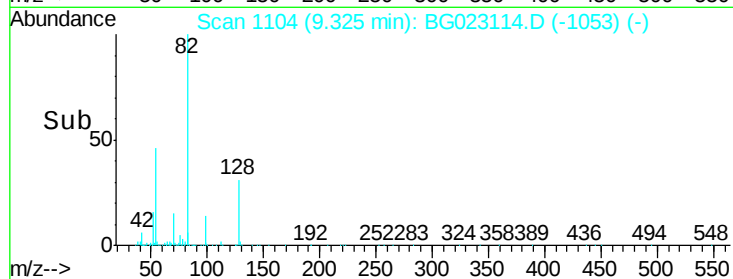
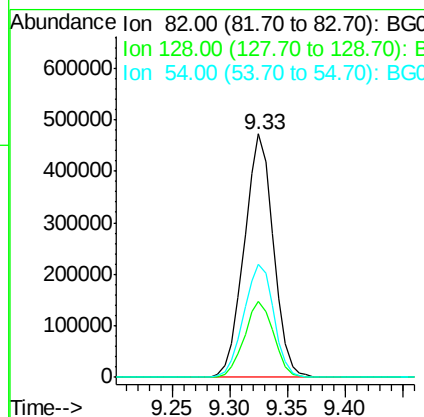
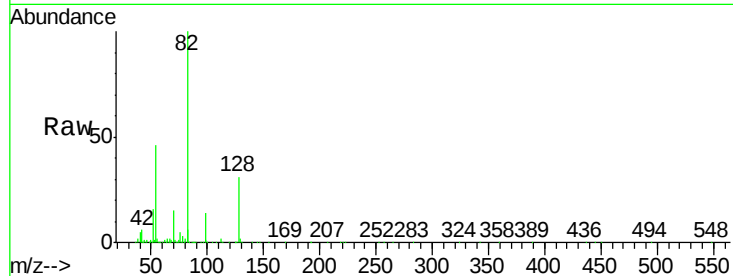




#23
 Nitrobenzene-d5
 Concen: 82.88 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023114.D
 Acq: 15 Jul 2016 15:26

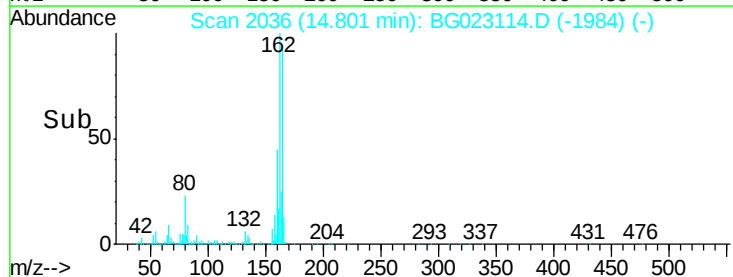
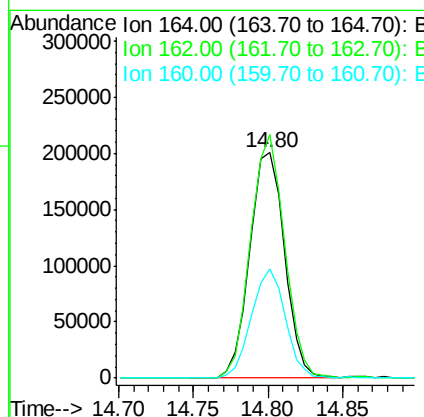
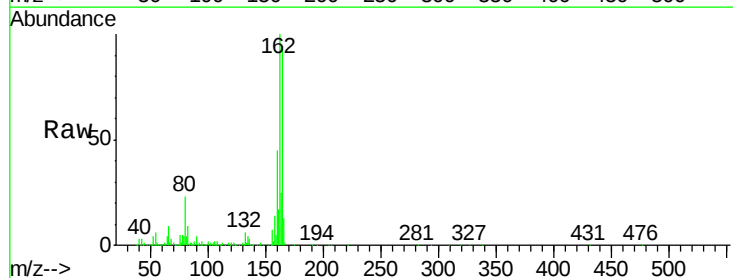
Instrument :
 BNA_G
 ClientSampleId :
 C4.2-2

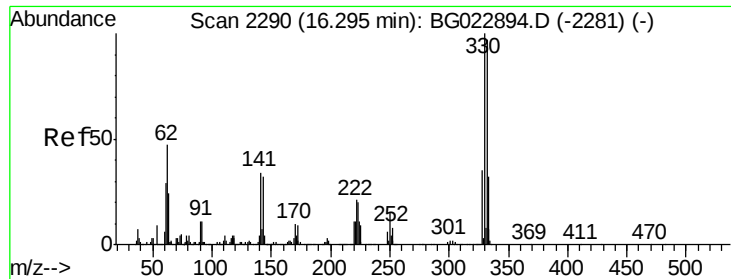
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.1	24.4	36.6
54	46.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023114.D
 Acq: 15 Jul 2016 15:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	87.7	131.5
160	48.5	37.2	55.8

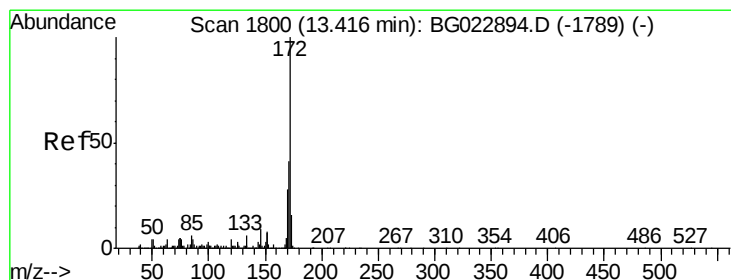
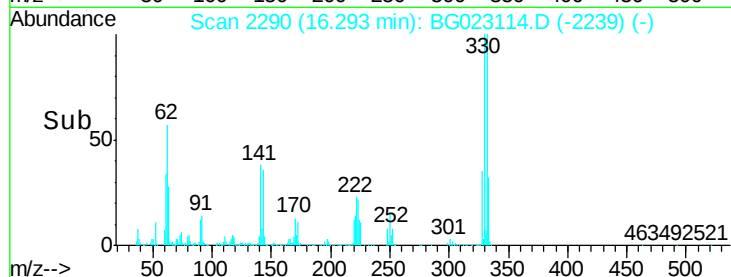
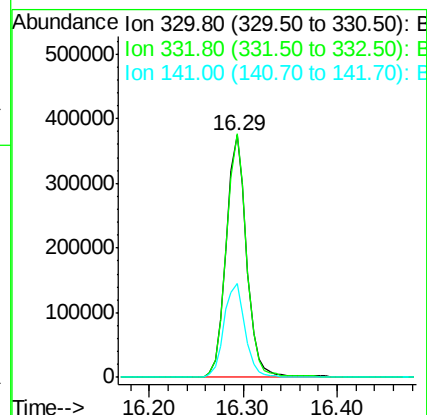
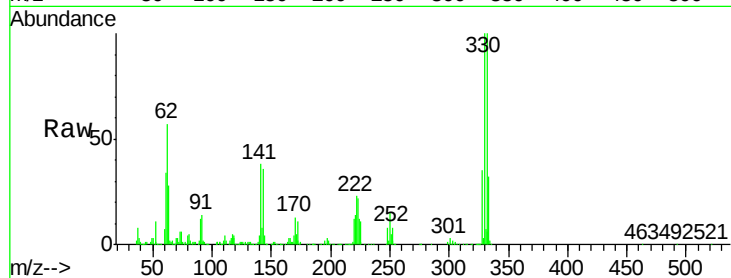




#41
 2,4,6-Tribromophenol
 Concen: 98.17 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023114.D
 Acq: 15 Jul 2016 15:26

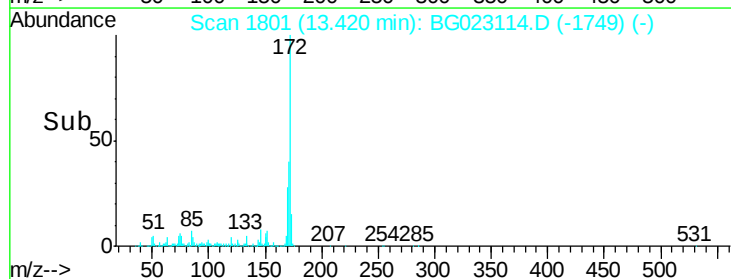
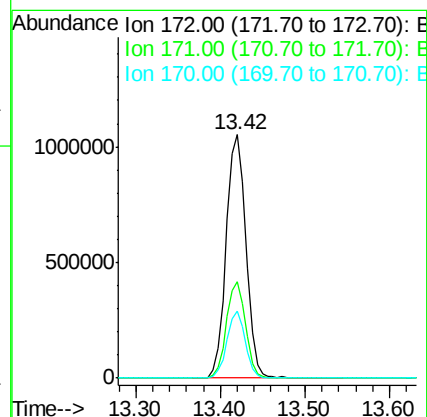
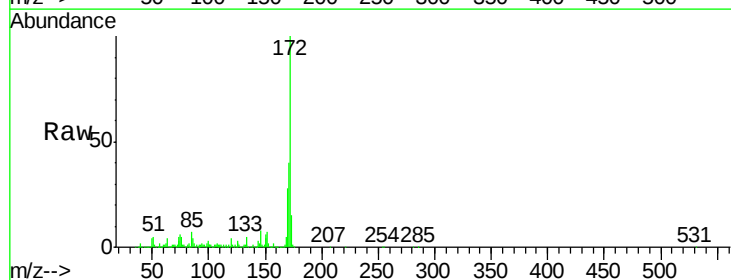
Instrument :
 BNA_G
 ClientSampleId :
 C4.2-2

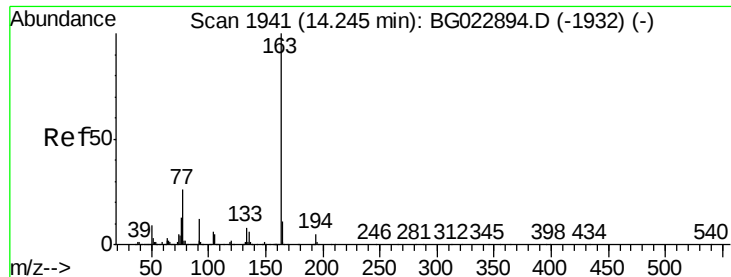
Tgt Ion:330 Resp: 572558
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 39.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 83.02 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023114.D
 Acq: 15 Jul 2016 15:26

Tgt Ion:172 Resp: 1710419
 Ion Ratio Lower Upper
 172 100
 171 39.6 31.6 47.4
 170 27.7 21.3 31.9





#49

Dimethylphthalate

Concen: 18.50 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023114.D

Acq: 15 Jul 2016 15:26

Instrument :

BNA_G

ClientSampleId :

C4.2-2

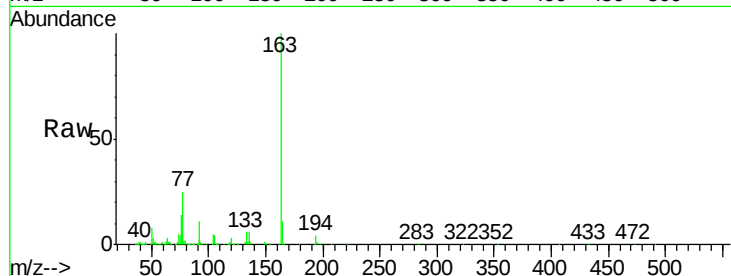
Tgt Ion:163 Resp: 490302

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

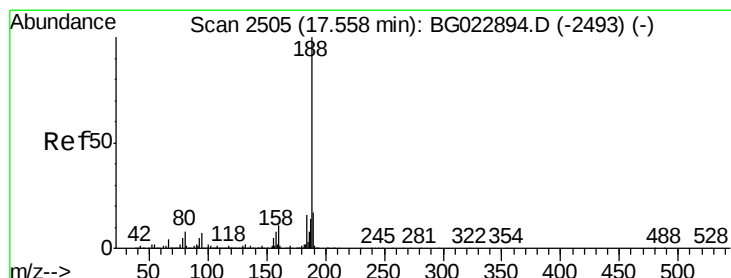
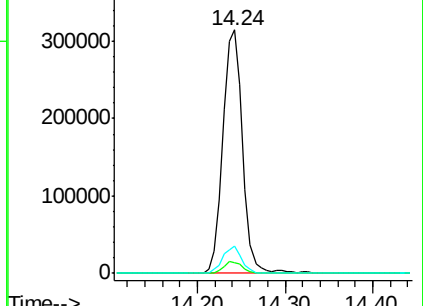
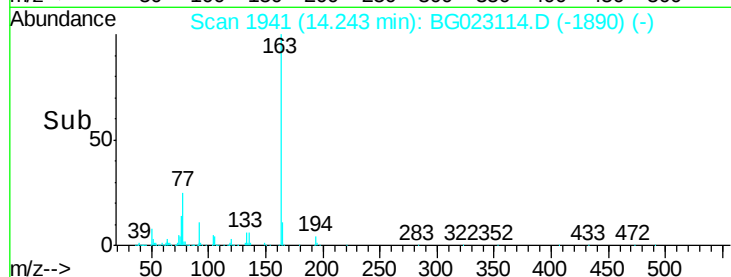
164 11.2 8.1 12.1



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: BG023114.D

Acq: 15 Jul 2016 15:26

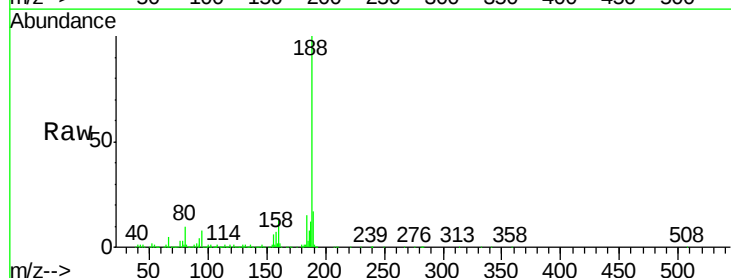
Tgt Ion:188 Resp: 795384

Ion Ratio Lower Upper

188 100

94 8.0 5.2 7.8#

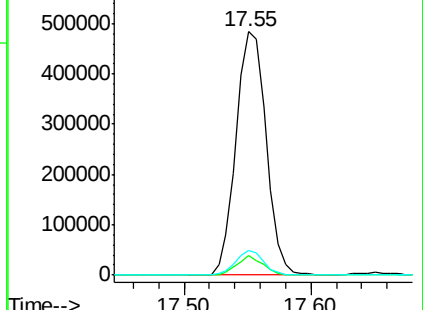
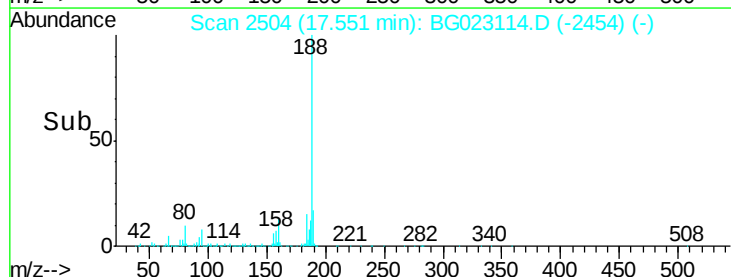
80 10.0 7.2 10.8

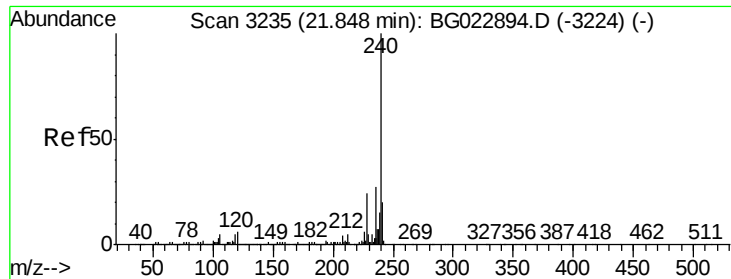


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3237

Delta R.T. 0.01 min

Lab File: BG023114.D

Acq: 15 Jul 2016 15:26

Instrument :

BNA_G

ClientSampleId :

C4.2-2

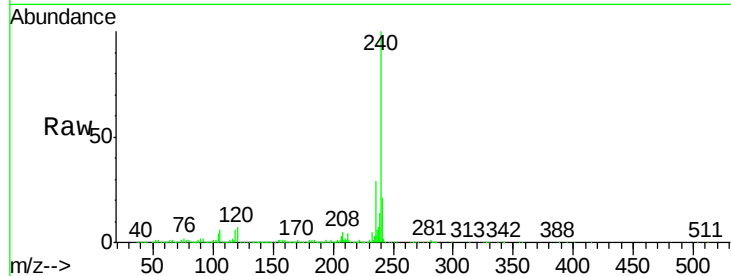
Tgt Ion:240 Resp: 881700

Ion Ratio Lower Upper

240 100

120 7.1 4.1 6.1#

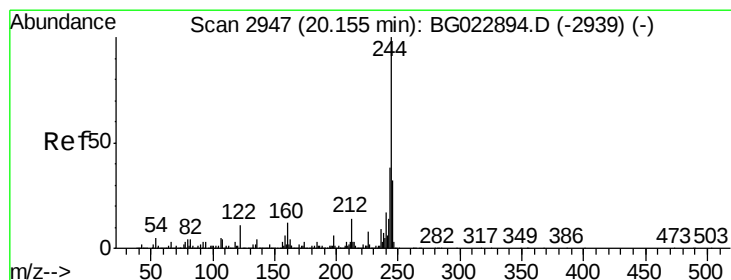
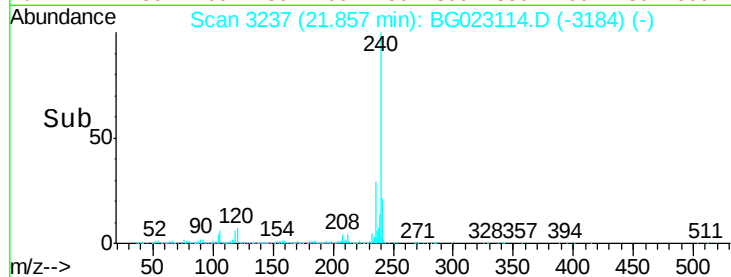
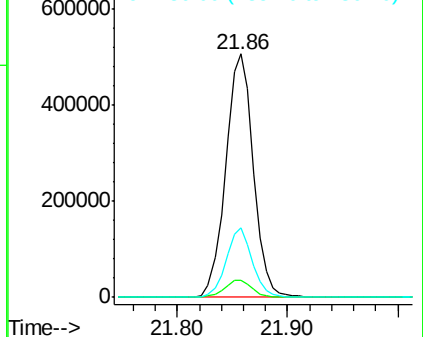
236 28.5 21.1 31.7



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: 92.63 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023114.D

Acq: 15 Jul 2016 15:26

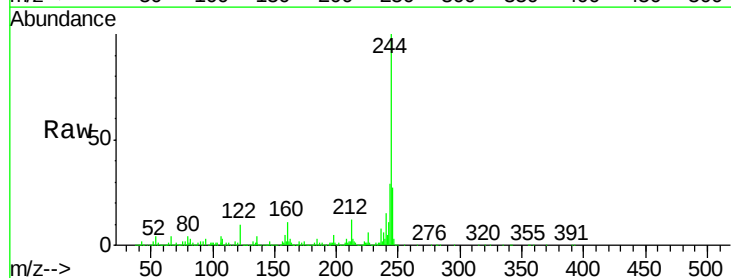
Tgt Ion:244 Resp: 2488794

Ion Ratio Lower Upper

244 100

212 12.0 10.8 16.2

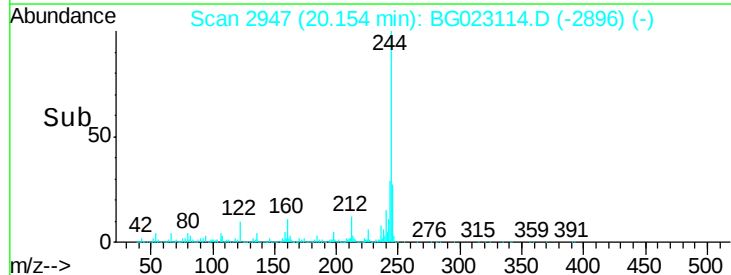
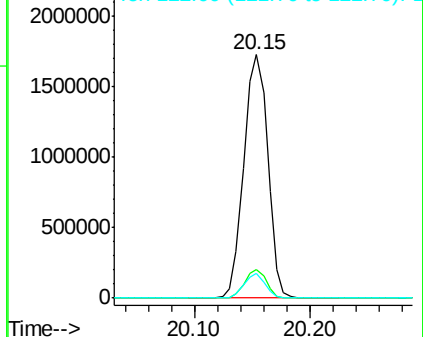
122 10.3 8.0 12.0

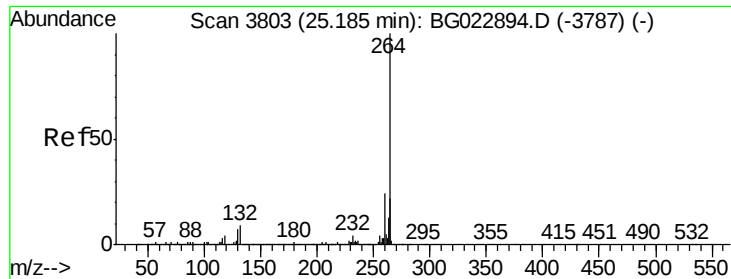


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3812
 Delta R.T. 0.05 min
 Lab File: BG023114.D
 Acq: 15 Jul 2016 15:26

Instrument :
 BNA_G
 ClientSampleId :
 C4.2-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	22.7	18.9	28.3

