

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
 Data File : BG023722.D
 Acq On : 15 Aug 2016 15:20
 Operator : UM/SJ
 Sample : H4452-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-3

Quant Time: Aug 15 17:48:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

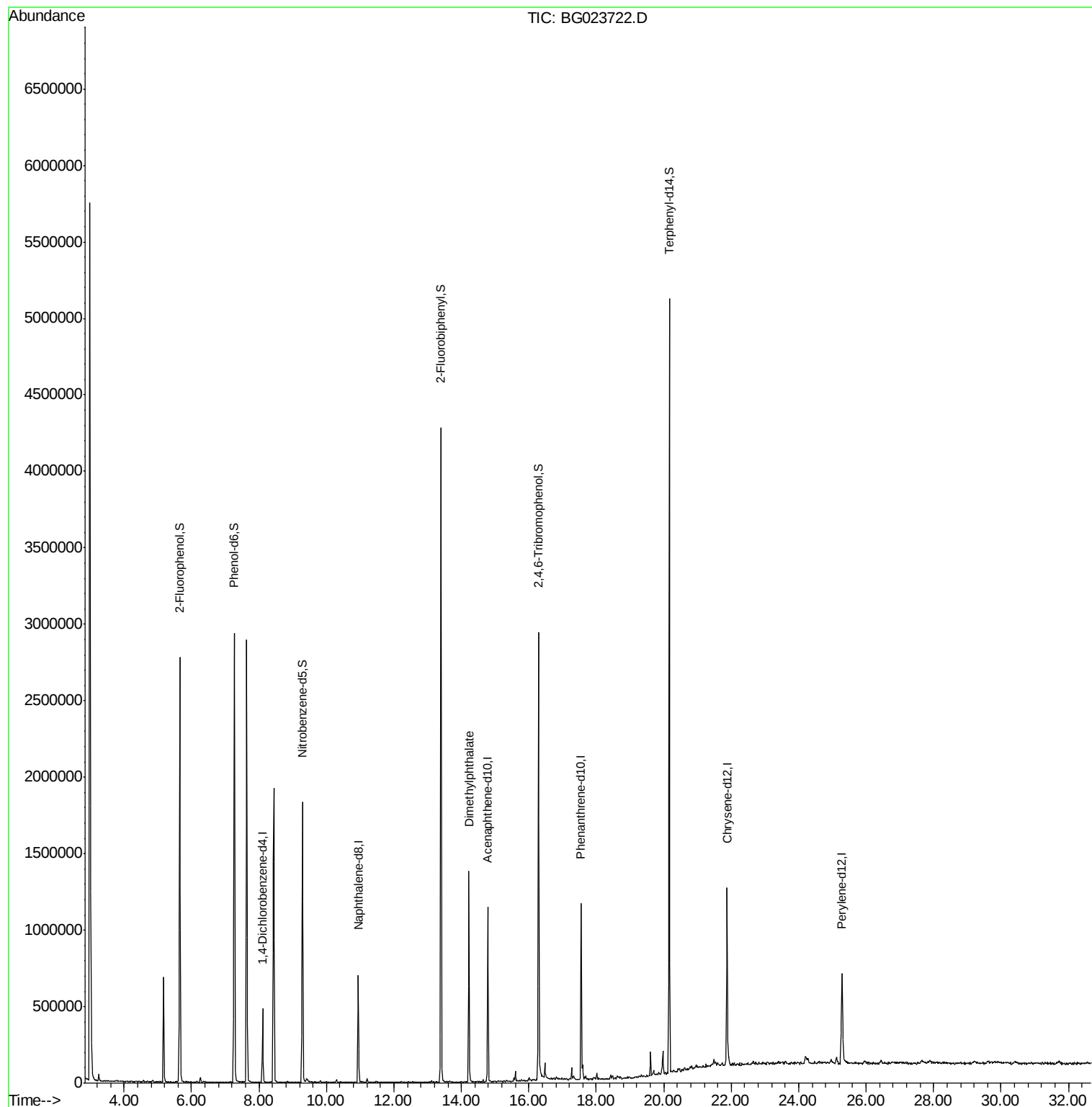
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	124273	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	581548	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	371672	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	714911	20.00	ng	0.00
75) Chrysene-d12	21.88	240	690819	20.00	ng	0.01
86) Perylene-d12	25.28	264	693427	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1175834	159.27	ng	0.00
7) Phenol-d6	7.27	99	1724813	149.99	ng	0.00
23) Nitrobenzene-d5	9.29	82	1205382	103.05	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	593133	109.10	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	2040525	92.60	ng	0.00
78) Terphenyl-d14	20.16	244	2034435	94.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	853114	29.92	ng	Qvalue 98

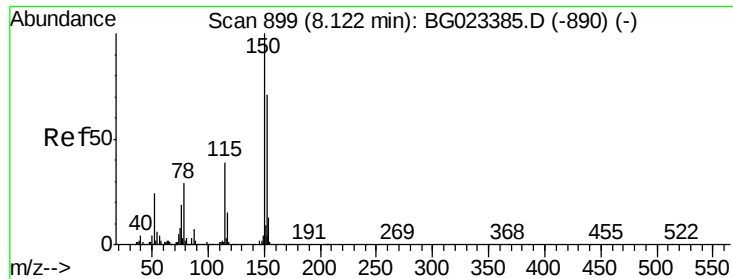
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.02 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

Instrument :

BNA_G

ClientSampleId :

S-3

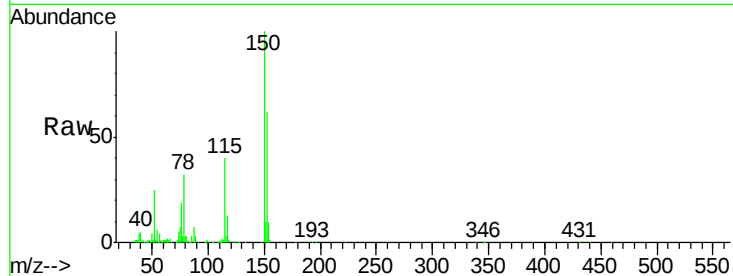
Tgt Ion:152 Resp: 124273

Ion Ratio Lower Upper

152 100

150 160.5 144.7 217.1

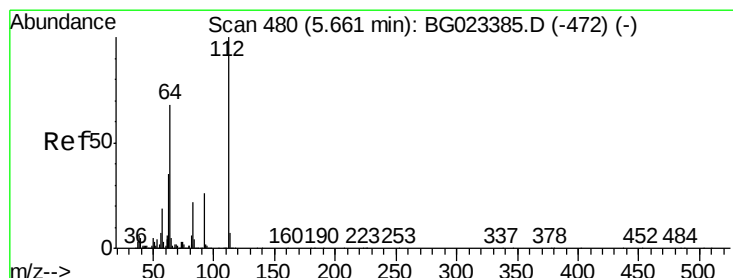
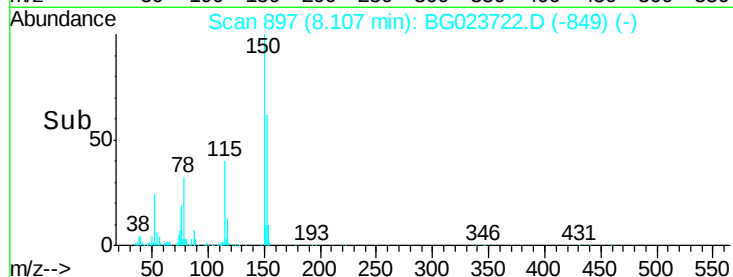
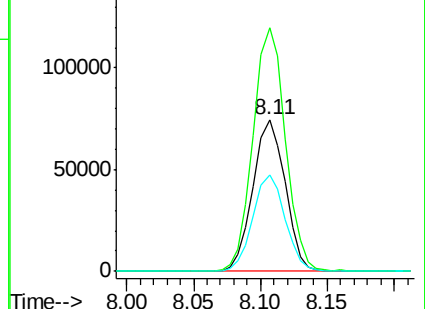
115 63.5 64.0 96.0#



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: 159.27 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

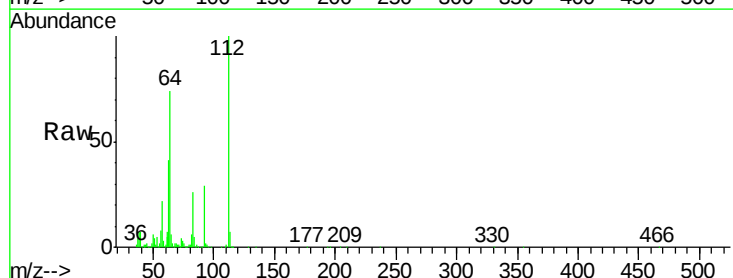
Tgt Ion:112 Resp: 1175834

Ion Ratio Lower Upper

112 100

64 74.2 59.0 88.4

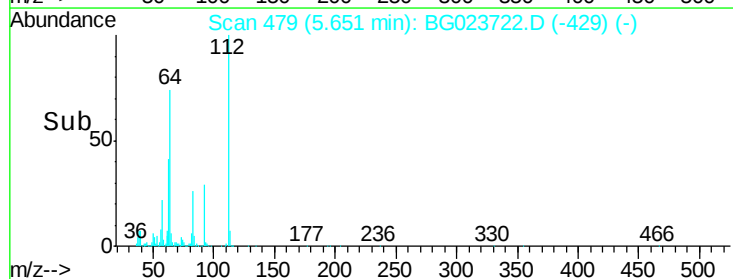
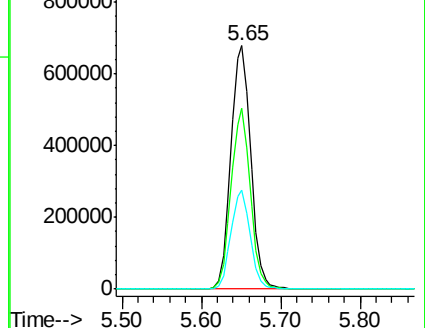
63 40.8 37.8 56.8

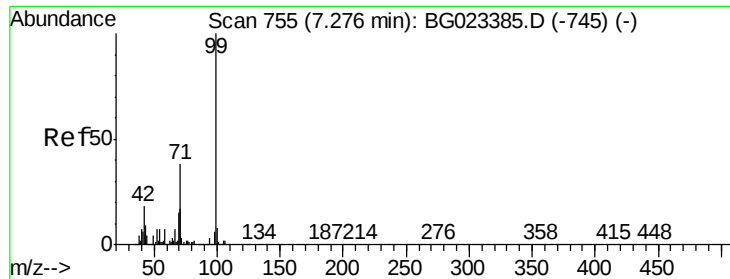


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 149.99 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

Instrument :

BNA_G

ClientSampleId :

S-3

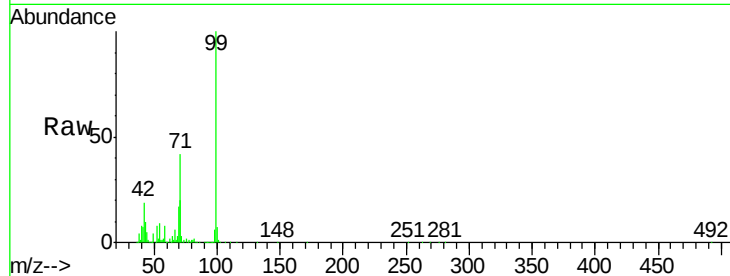
Tgt Ion: 99 Resp: 1724813

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.8	26.6
71	42.4	41.5	62.3

99 100

42 19.3 17.8 26.6

71 42.4 41.5 62.3

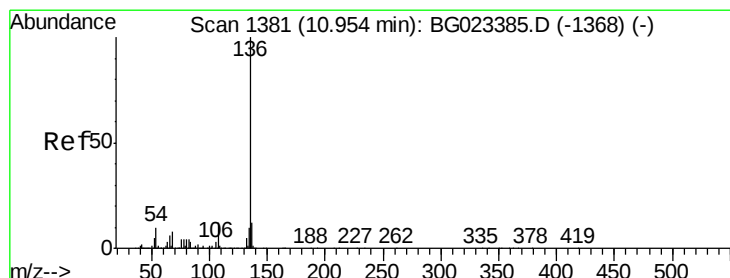
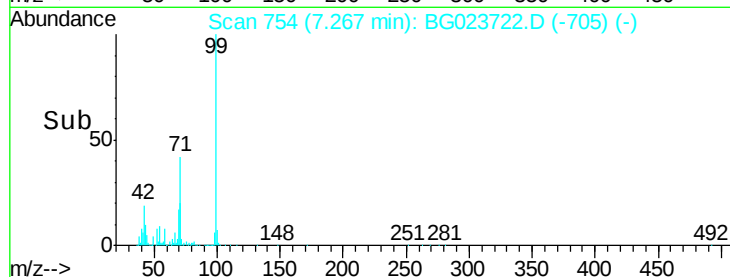
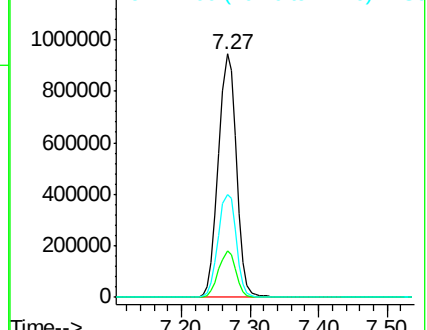


Abundance

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: 10.94 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

Tgt Ion: 136 Resp: 581548

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.6	14.4
54	9.1	7.3	10.9
68	8.1	5.3	7.9#

136 100

137 12.8 9.6 14.4

54 9.1 7.3 10.9

68 8.1 5.3 7.9#

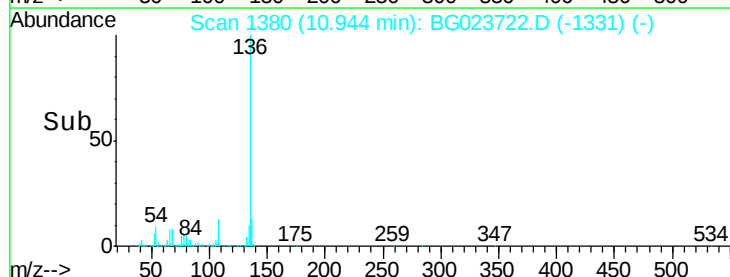
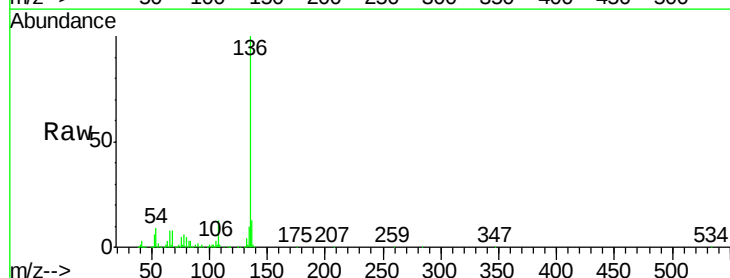
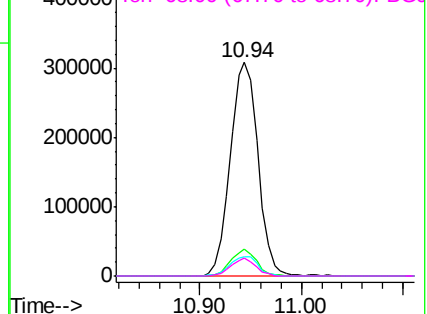
Abundance

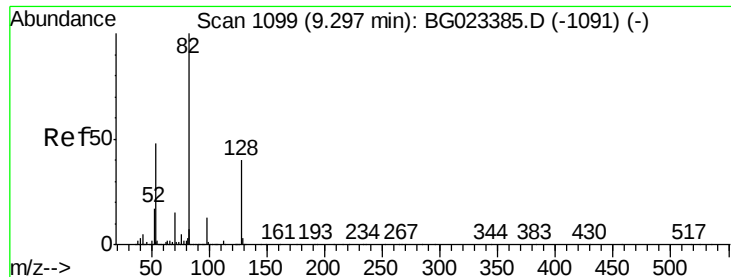
Ion 136.00 (135.70 to 136.70): BGC

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

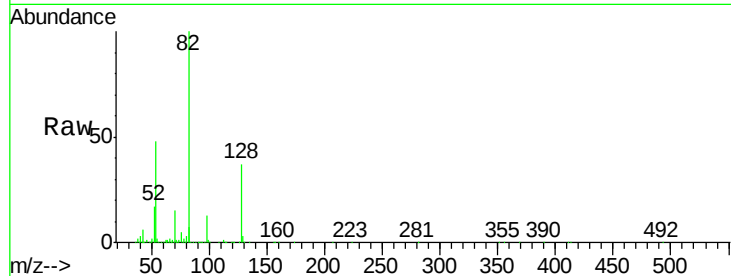




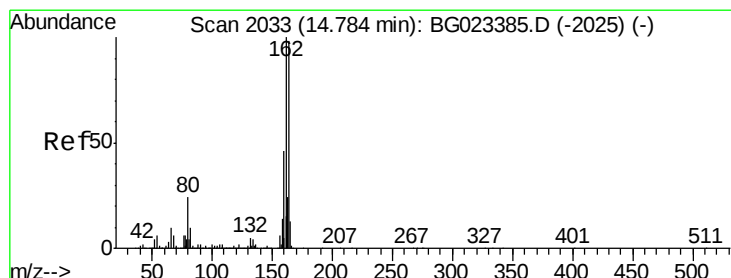
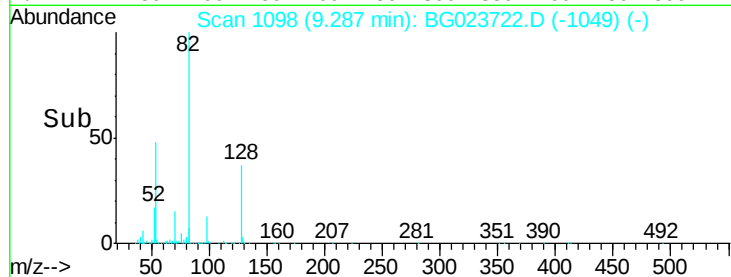
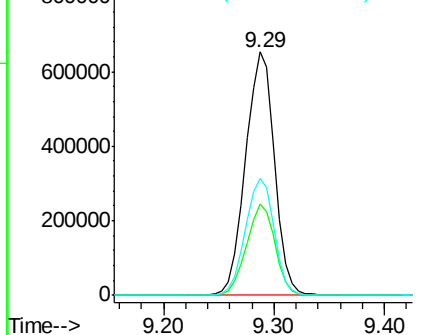
#23
 Nitrobenzene-d5
 Concen: 103.05 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG023722.D
 Acq: 15 Aug 2016 15:20

Instrument :
 BNA_G
 ClientSampleId :
 S-3

Tgt Ion: 82 Resp: 1205382
 Ion Ratio Lower Upper
 82 100
 128 37.3 24.4 36.6#
 54 48.1 41.4 62.0

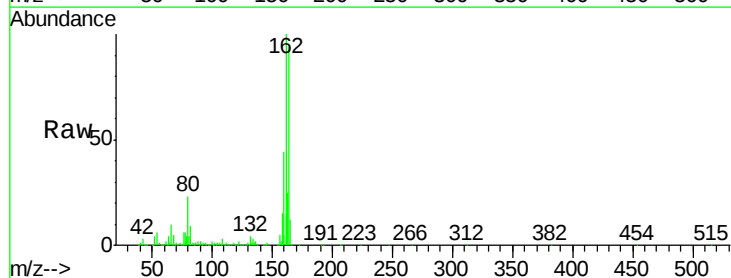


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

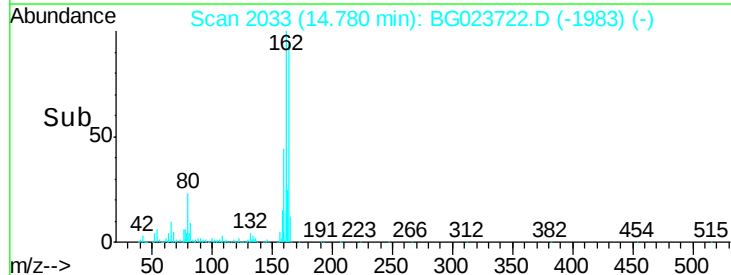
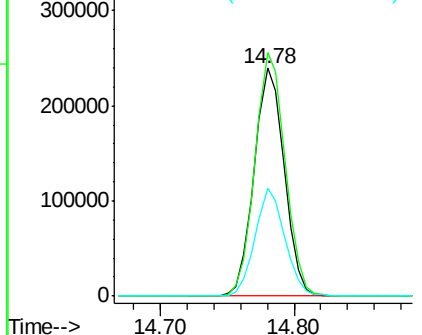


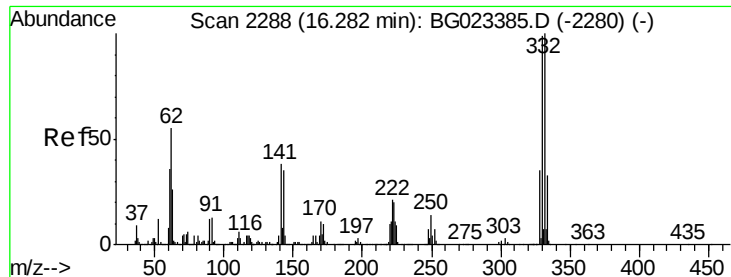
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023722.D
 Acq: 15 Aug 2016 15:20

Tgt Ion: 164 Resp: 371672
 Ion Ratio Lower Upper
 164 100
 162 106.9 87.7 131.5
 160 47.4 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

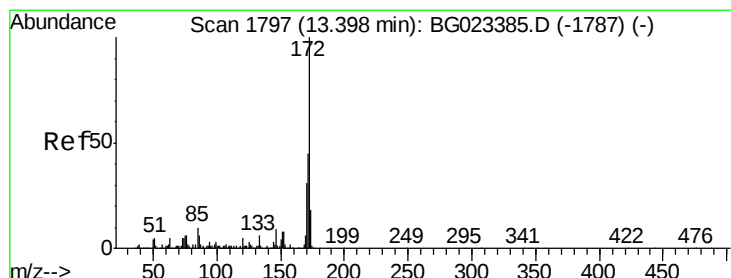
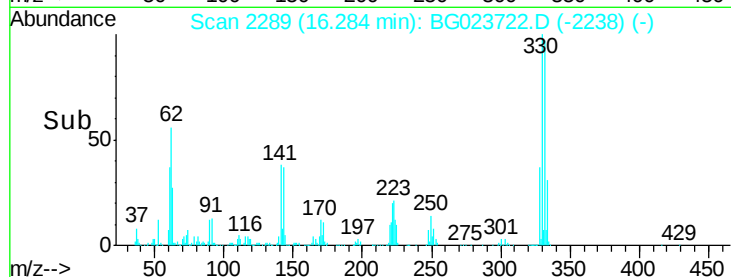
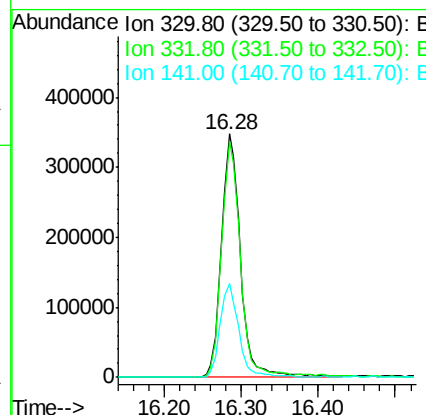
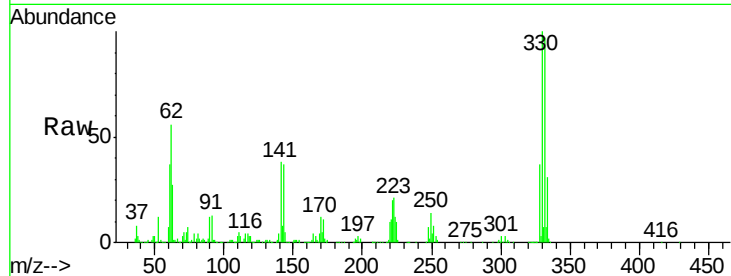




#41
 2,4,6-Tribromophenol
 Concen: 109.10 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023722.D
 Acq: 15 Aug 2016 15:20

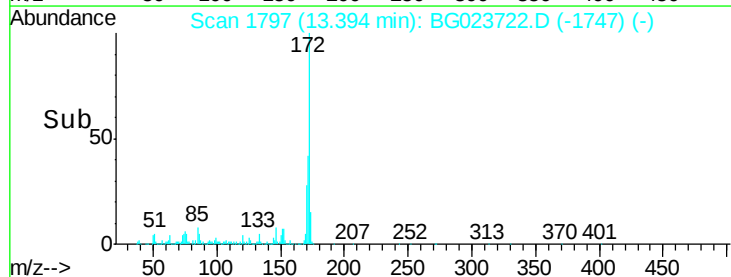
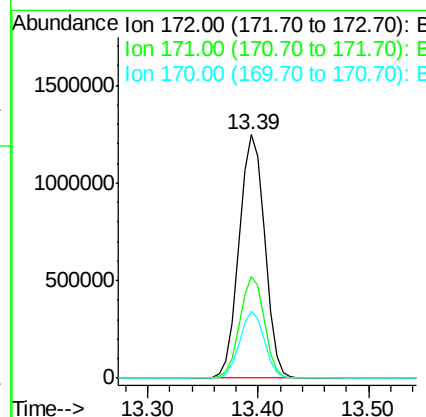
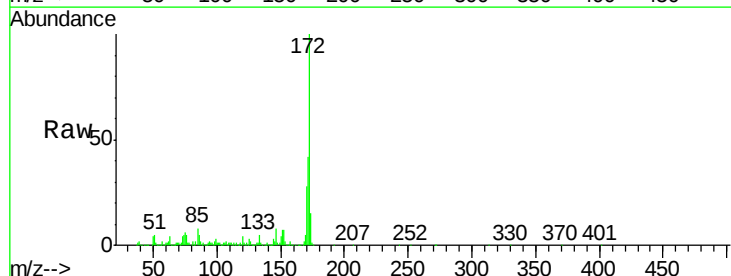
Instrument :
 BNA_G
 ClientSampleId :
 S-3

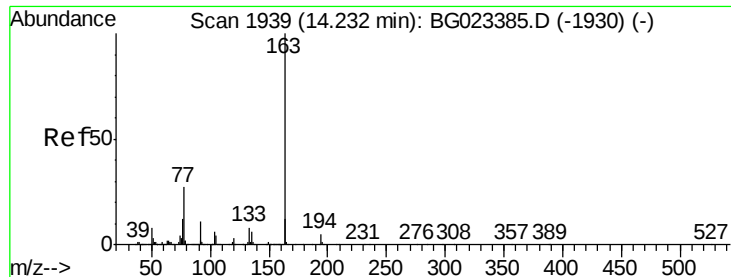
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	37.8	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 92.60 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023722.D
 Acq: 15 Aug 2016 15:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.8	31.6	47.4
170	27.7	21.3	31.9





#49

Dimethylphthalate

Concen: 29.92 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

Instrument :

BNA_G

ClientSampleId :

S-3

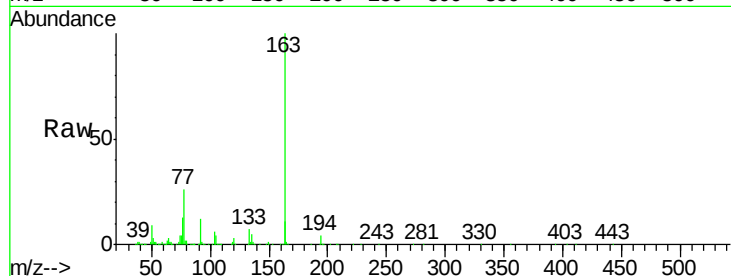
Tgt Ion:163 Resp: 853114

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

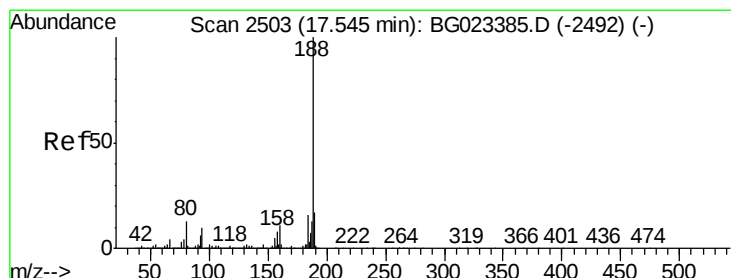
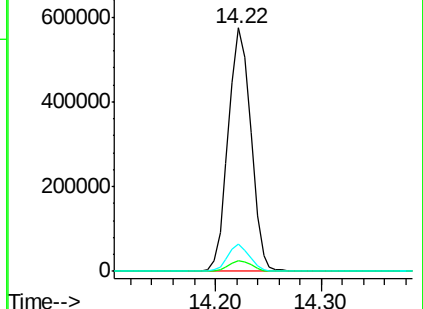
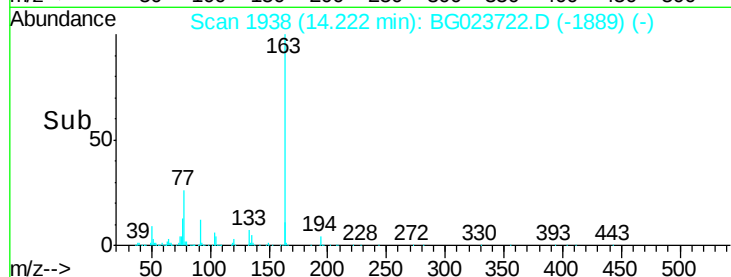
164 11.3 8.1 12.1



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. 0.00 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

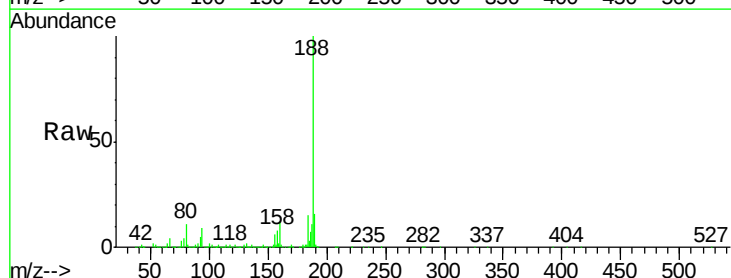
Tgt Ion:188 Resp: 714911

Ion Ratio Lower Upper

188 100

94 9.0 5.2 7.8#

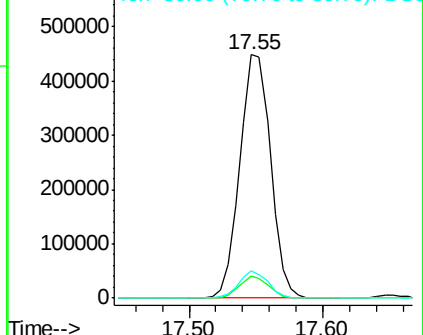
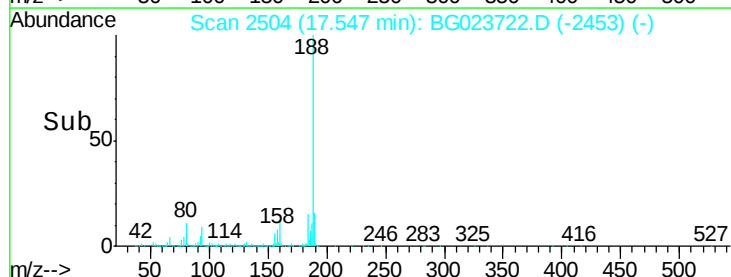
80 11.1 7.2 10.8#

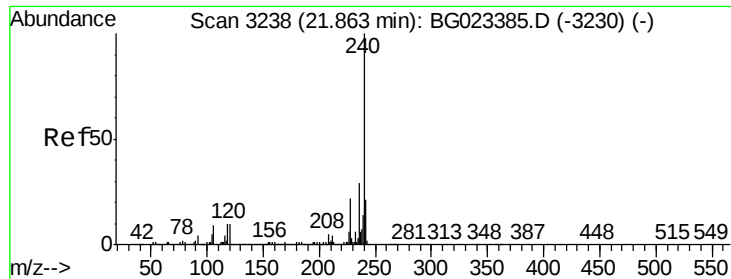


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

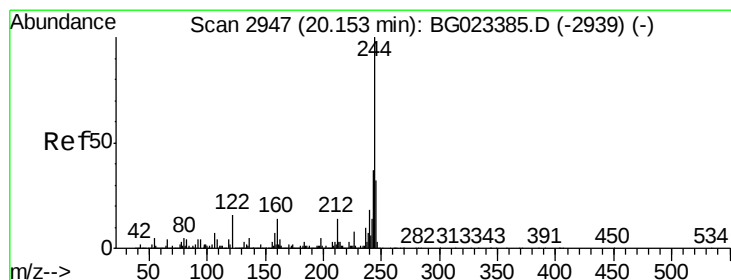
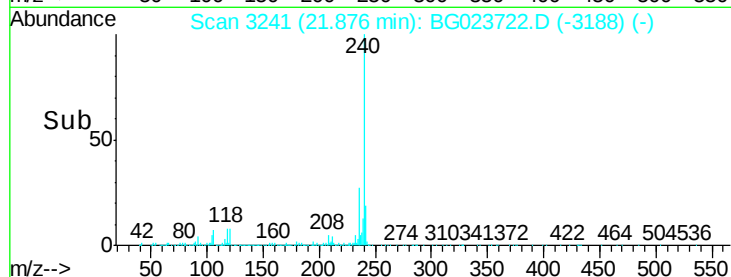
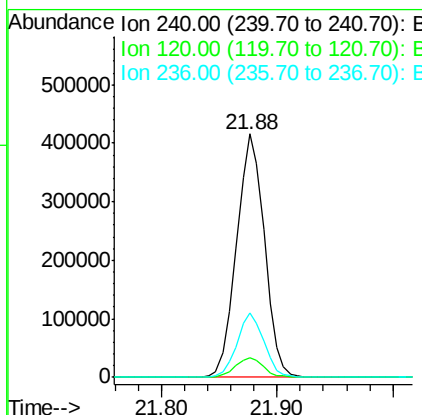
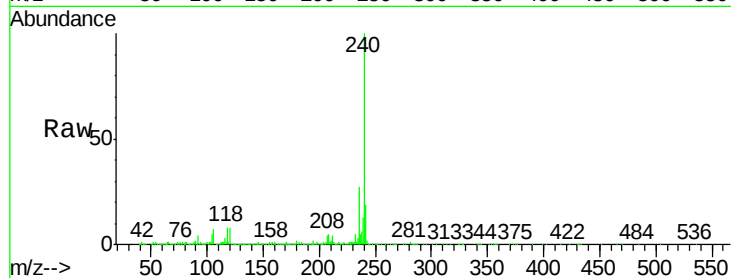




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. 0.01 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

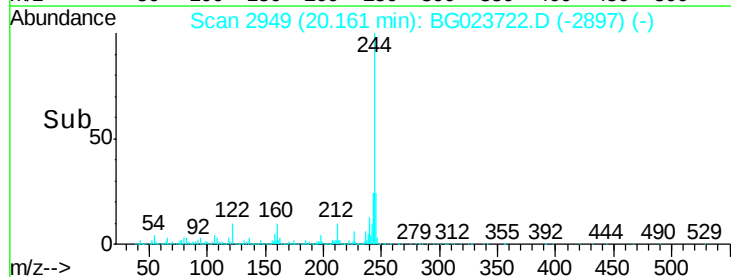
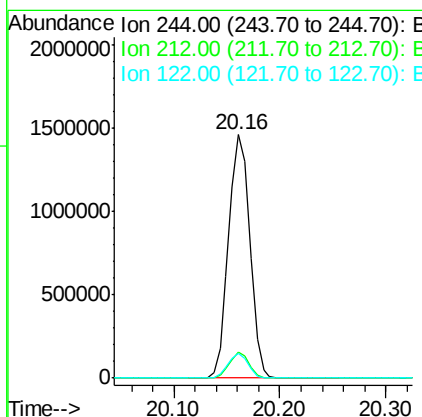
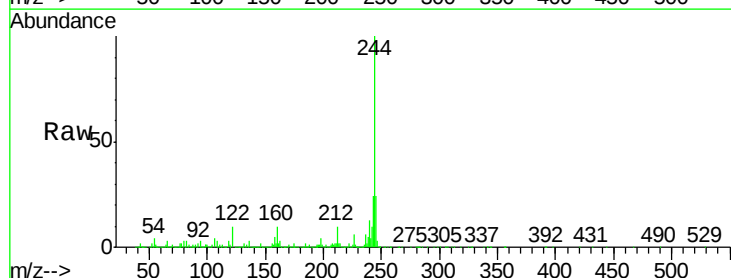
Instrument :
BNA_G
ClientSampled :
S-3

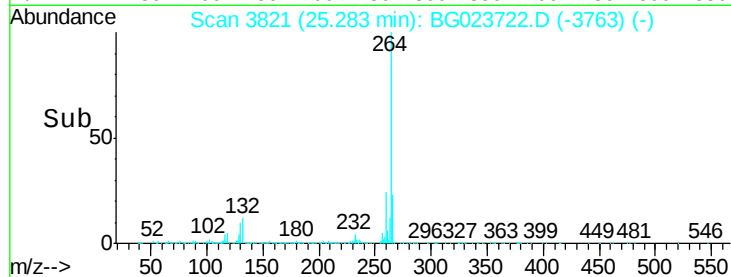
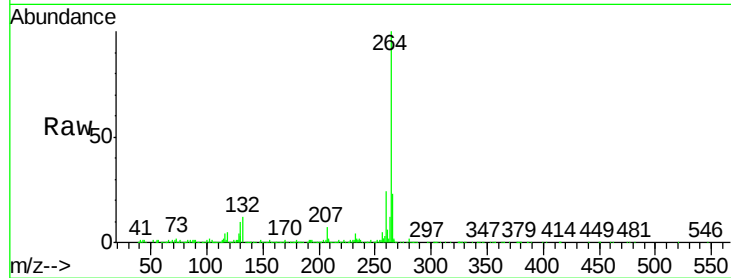
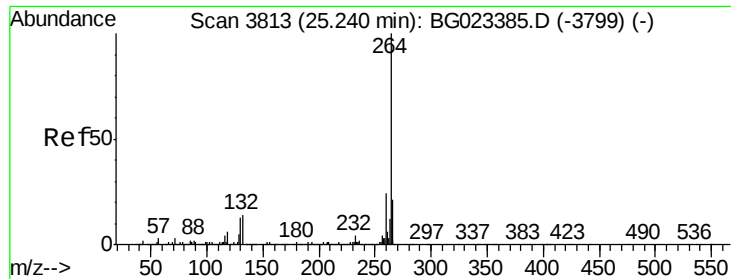
Tgt Ion:240 Resp: 690819
Ion Ratio Lower Upper
240 100
120 7.9 4.1 6.1#
236 26.7 21.1 31.7



#78
Terphenyl-d14
Concen: 94.24 ng
RT: 20.16 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BG023722.D
Acq: 15 Aug 2016 15:20

Tgt Ion:244 Resp: 2034435
Ion Ratio Lower Upper
244 100
212 10.4 10.8 16.2#
122 10.1 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3821

Delta R.T. 0.04 min

Lab File: BG023722.D

Acq: 15 Aug 2016 15:20

Instrument :

BNA_G

ClientSampleId :

S-3

Tgt Ion:264 Resp: 693427

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.6 18.9 28.3

