

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023117.D
 Acq On : 15 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H4017-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-9

Quant Time: Jul 15 23:08:34 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

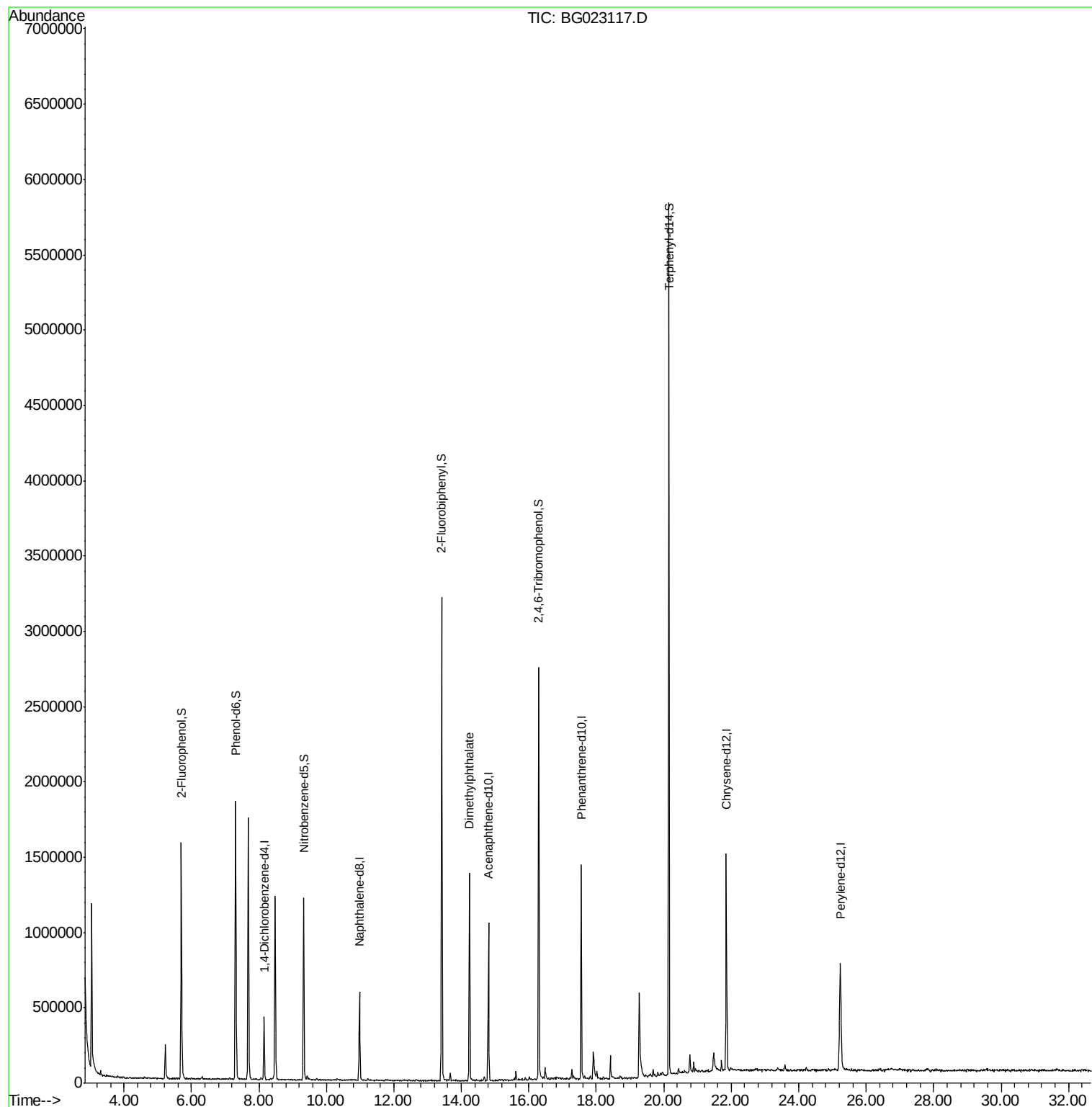
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	103821	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	481496	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	348546	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	824054	20.00	ng	0.00
75) Chrysene-d12	21.85	240	908514	20.00	ng	0.00
86) Perylene-d12	25.24	264	909033	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	662428	104.35	ng	0.00
7) Phenol-d6	7.31	99	1062068	106.82	ng	0.00
23) Nitrobenzene-d5	9.33	82	781927	69.54	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	512716	81.85	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1565427	70.74	ng	0.00
78) Terphenyl-d14	20.15	244	2254786	75.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	819073	28.77	ng	Qvalue 99

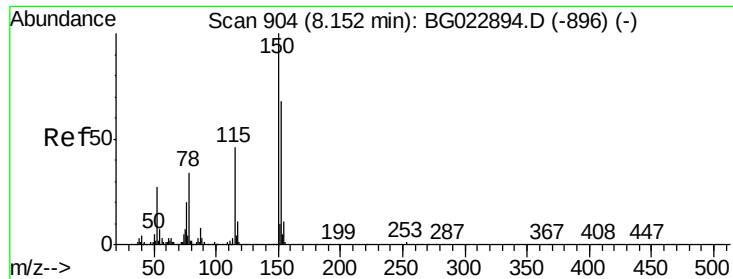
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG023117.D

Acq: 15 Jul 2016 17:28

Instrument :

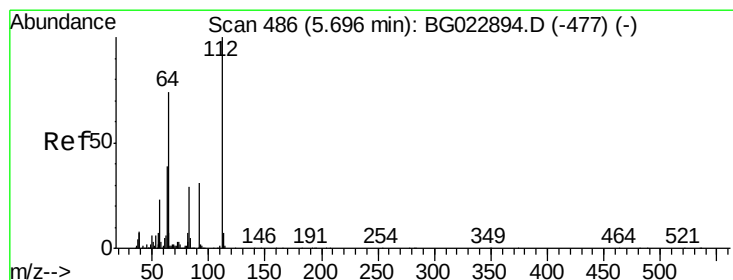
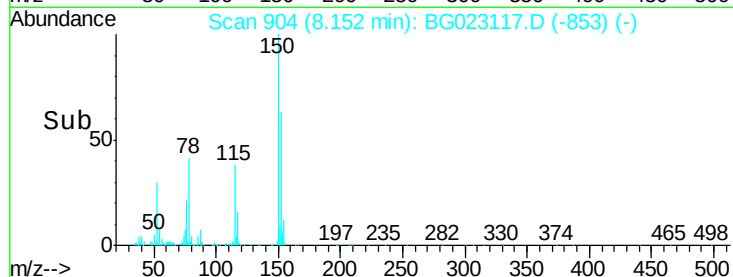
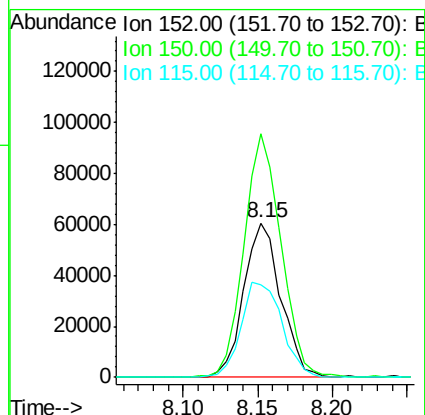
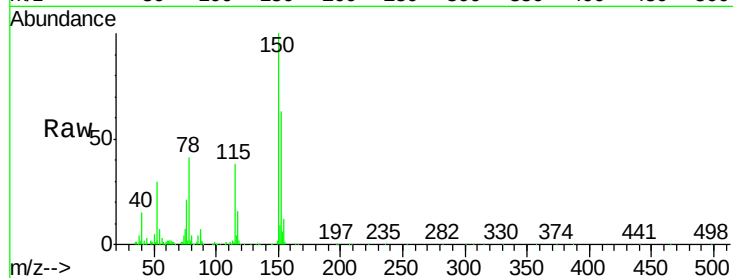
BNA_G

ClientSampleId :

C5-9

Tgt Ion:152 Resp: 103821

Ion	Ratio	Lower	Upper
152	100		
150	157.7	144.7	217.1
115	60.0	64.0	96.0



#5

2-Fluorophenol

Concen: 104.35 ng

RT: 5.70 min Scan# 486

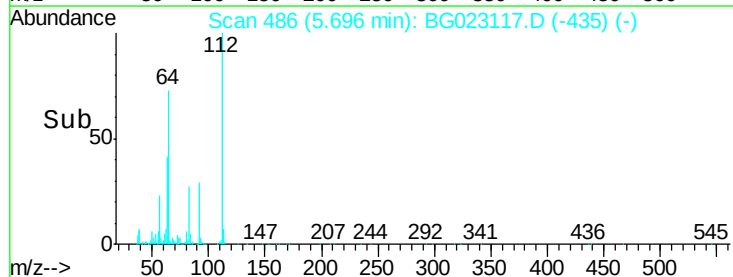
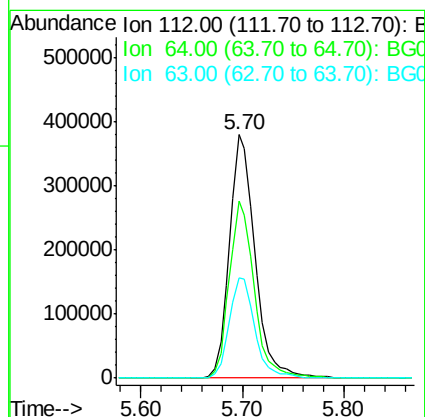
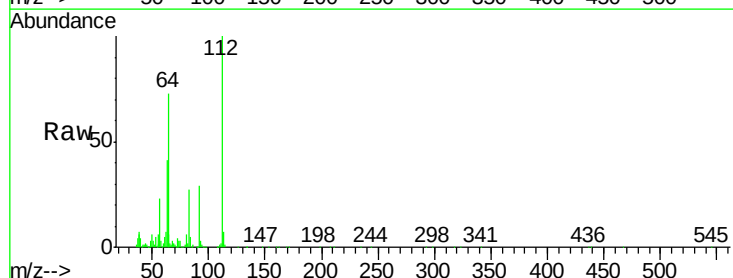
Delta R.T. 0.00 min

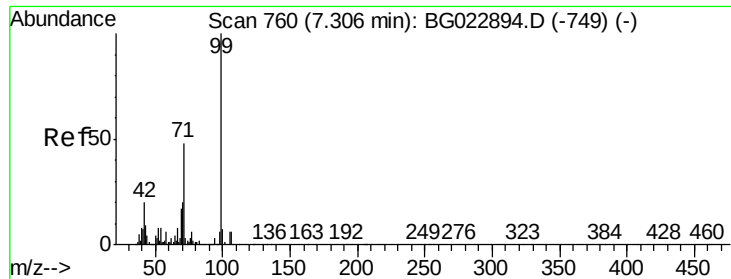
Lab File: BG023117.D

Acq: 15 Jul 2016 17:28

Tgt Ion:112 Resp: 662428

Ion	Ratio	Lower	Upper
112	100		
64	72.7	59.0	88.4
63	41.2	37.8	56.8





#7

Phenol-d6

Concen: 106.82 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023117.D

Acq: 15 Jul 2016 17:28

Instrument :

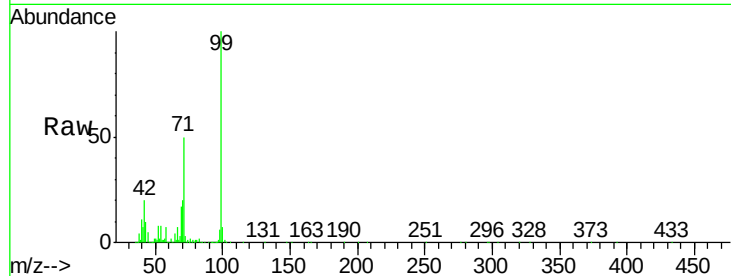
BNA_G

ClientSampleId :

C5-9

Tgt Ion: 99 Resp: 1062068

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.8	26.6
71	49.8	41.5	62.3

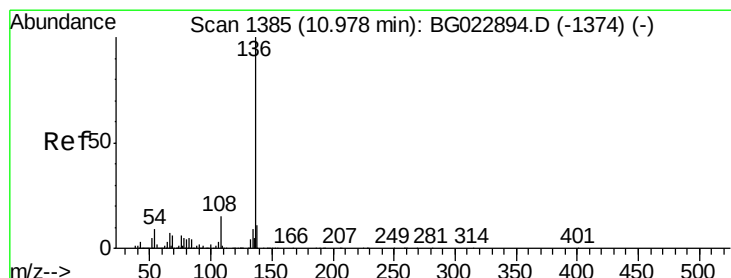
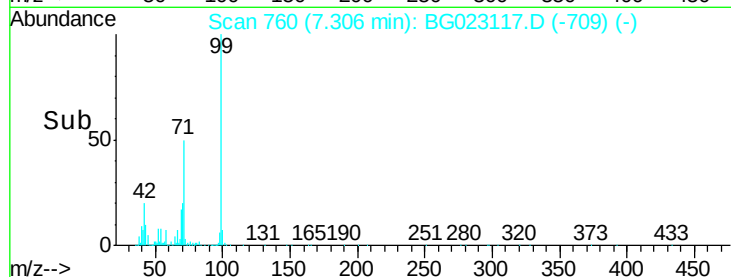
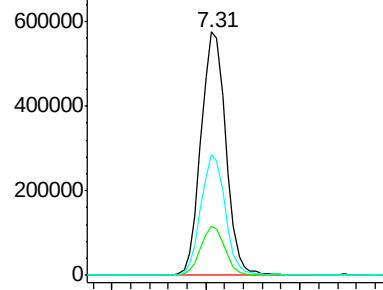


Abundance

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# 1385

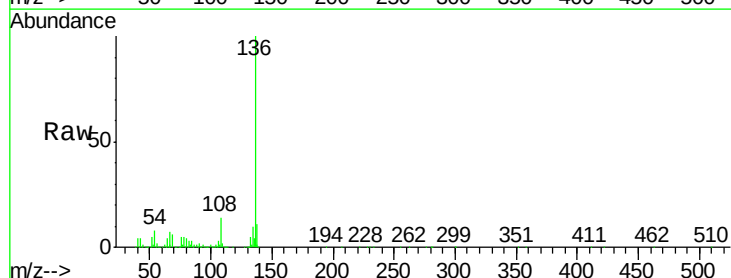
Delta R.T. 0.00 min

Lab File: BG023117.D

Acq: 15 Jul 2016 17:28

Tgt Ion: 136 Resp: 481496

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	8.0	7.3	10.9
68	6.5	5.3	7.9



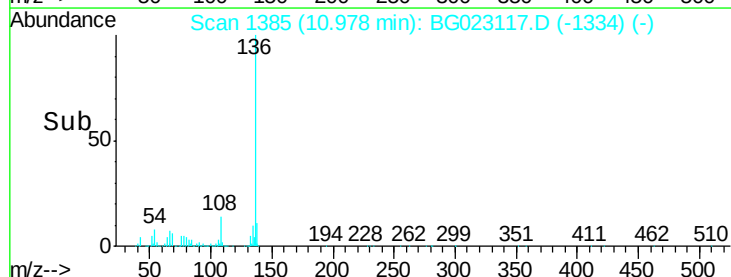
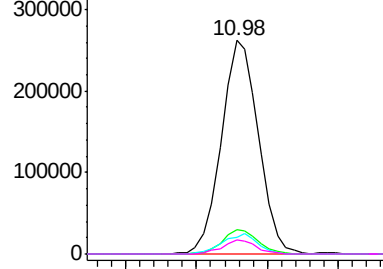
Abundance

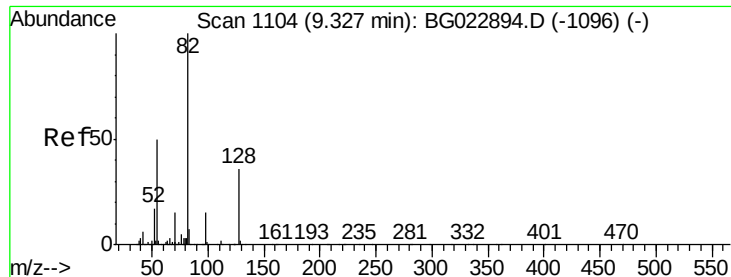
Ion 136.00 (135.70 to 136.70): BGC

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





#23

Nitrobenzene-d5

Concen: 69.54 ng

RT: 9.33 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG023117.D

Acq: 15 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

C5-9

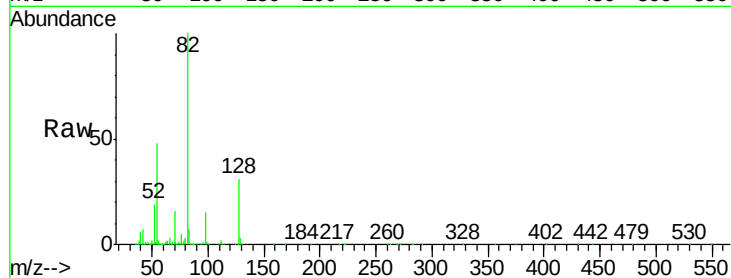
Tgt Ion: 82 Resp: 781927

Ion Ratio Lower Upper

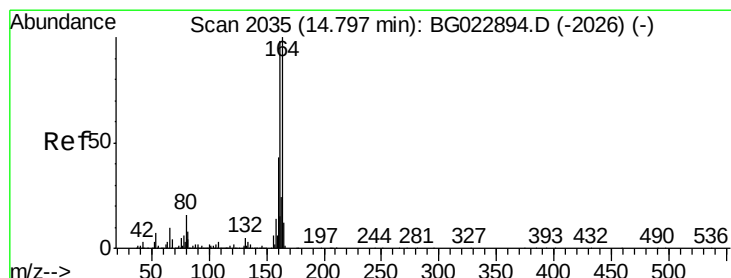
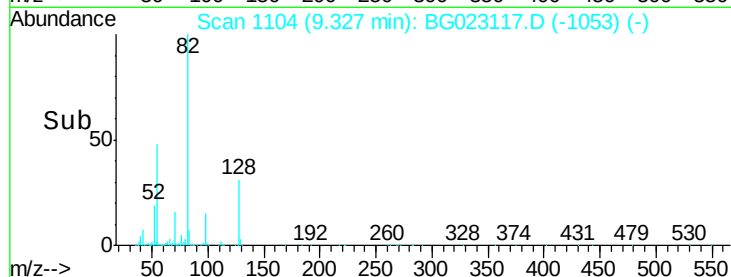
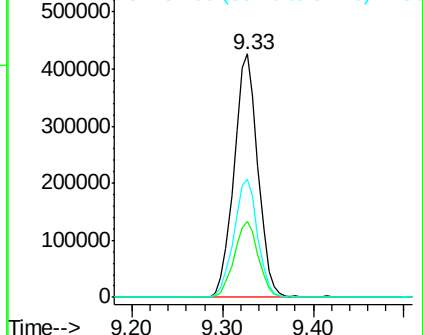
82 100

128 31.1 24.4 36.6

54 48.3 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: 14.80 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG023117.D

Acq: 15 Jul 2016 17:28

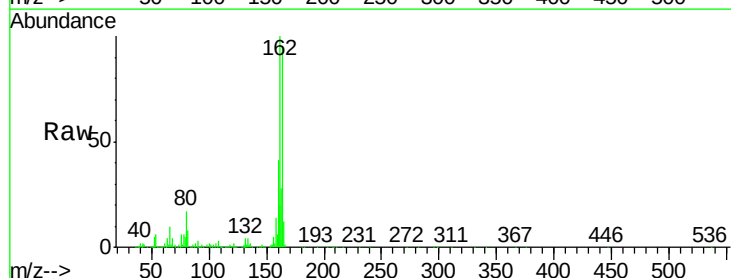
Tgt Ion: 164 Resp: 348546

Ion Ratio Lower Upper

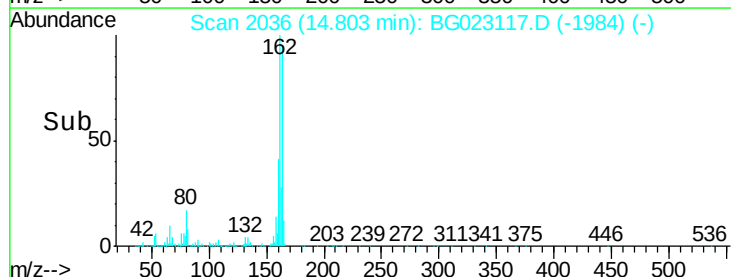
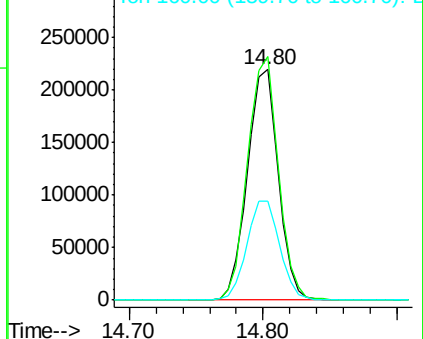
164 100

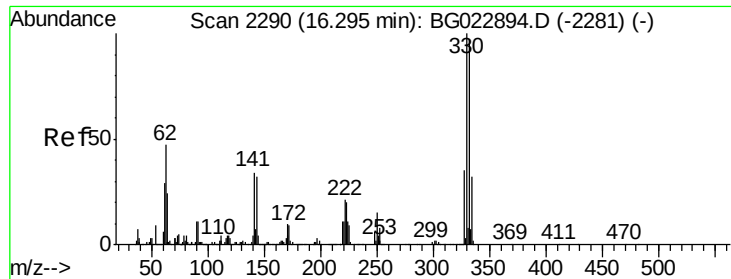
162 105.6 87.7 131.5

160 42.8 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

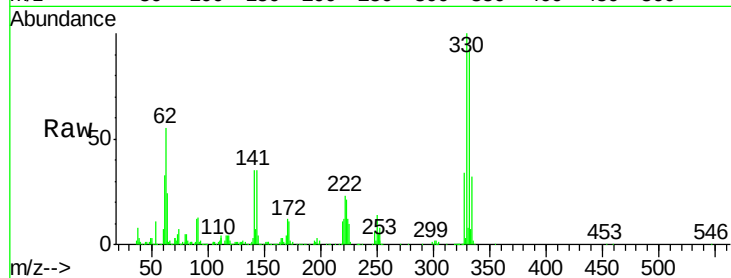




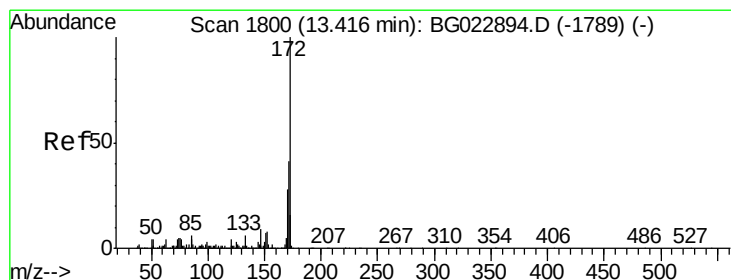
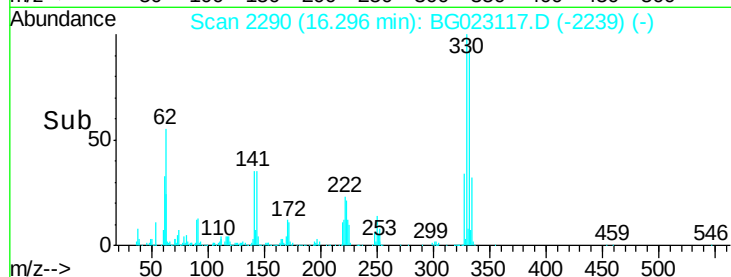
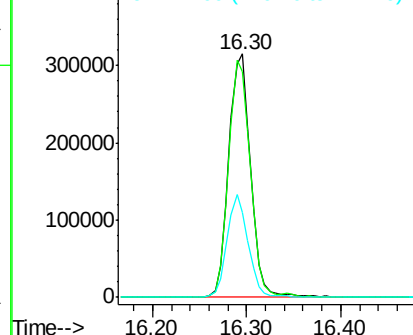
#41
 2,4,6-Tribromophenol
 Concen: 81.85 ng
 RT: 16.30 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG023117.D
 Acq: 15 Jul 2016 17:28

Instrument :
 BNA_G
 ClientSampleId :
 C5-9

Tgt Ion:330 Resp: 512716
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 40.5 31.7 47.5

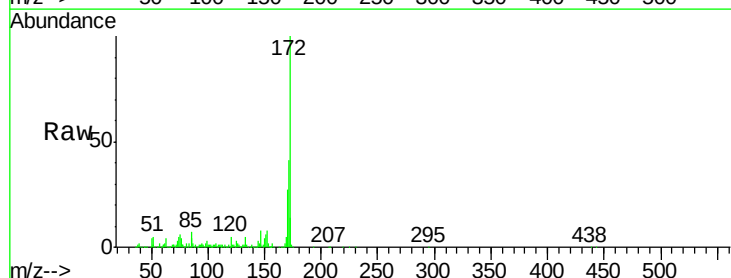


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

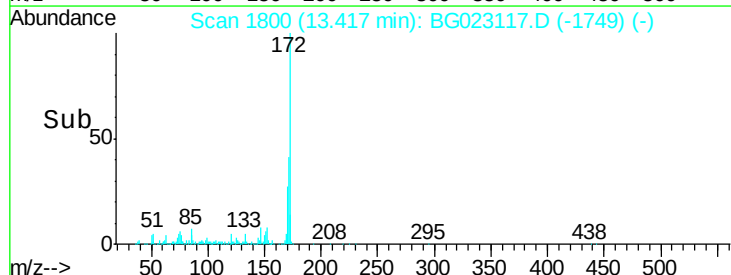
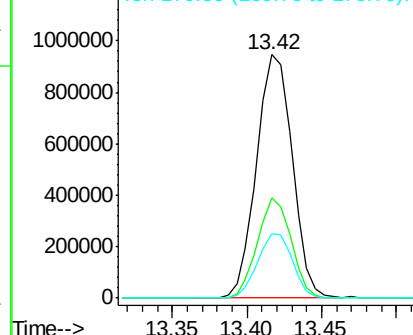


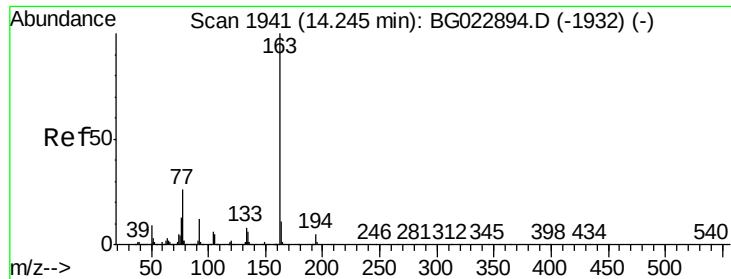
#44
 2-Fluorobiphenyl
 Concen: 70.74 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023117.D
 Acq: 15 Jul 2016 17:28

Tgt Ion:172 Resp: 1565427
 Ion Ratio Lower Upper
 172 100
 171 41.1 31.6 47.4
 170 26.6 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: 28.77 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023117.D

Acq: 15 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

C5-9

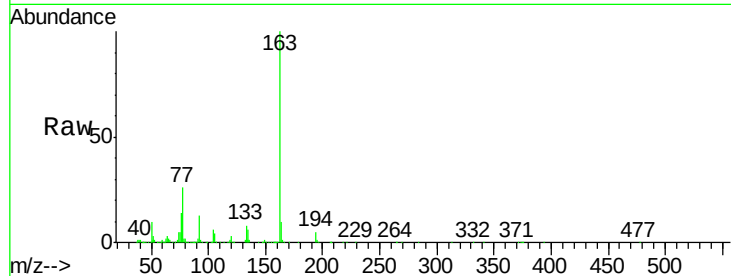
Tgt Ion:163 Resp: 819073

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

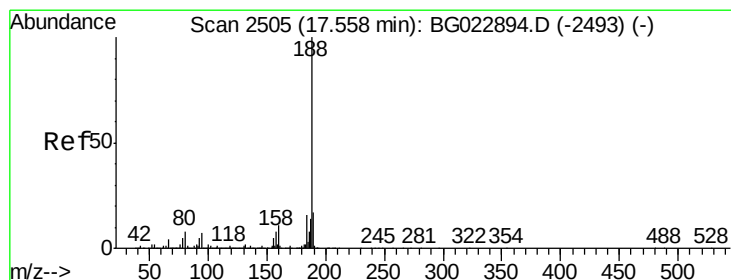
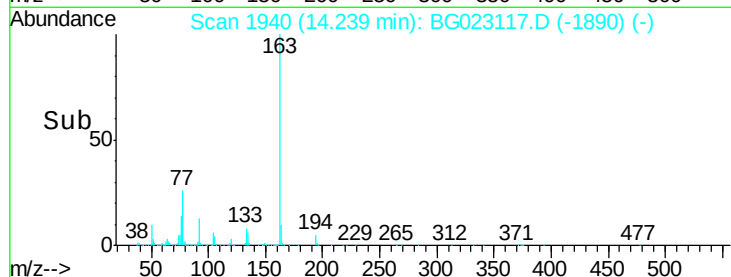
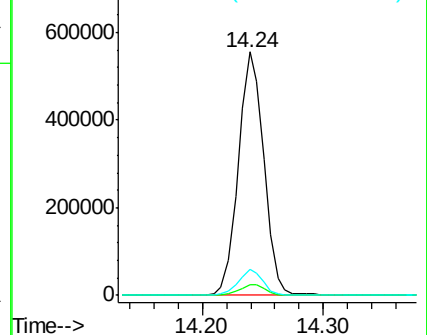
164 10.5 8.1 12.1



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: BG023117.D

Acq: 15 Jul 2016 17:28

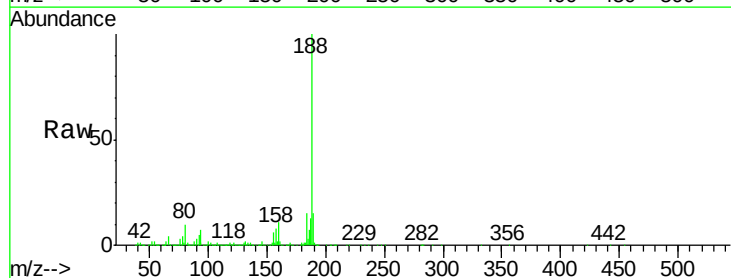
Tgt Ion:188 Resp: 824054

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

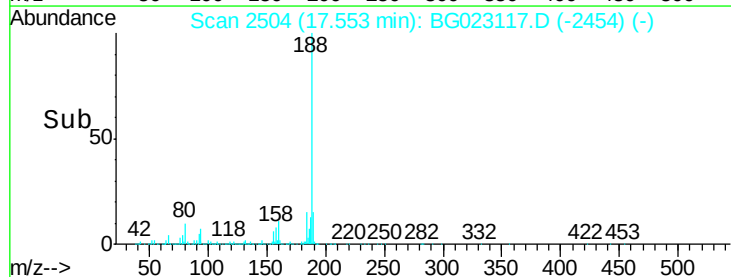
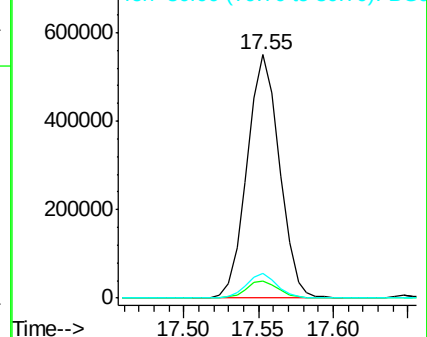
80 10.4 7.2 10.8

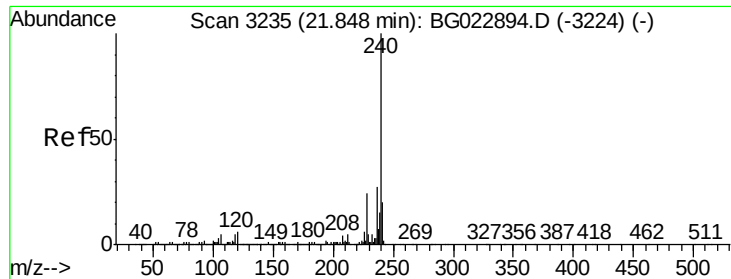


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

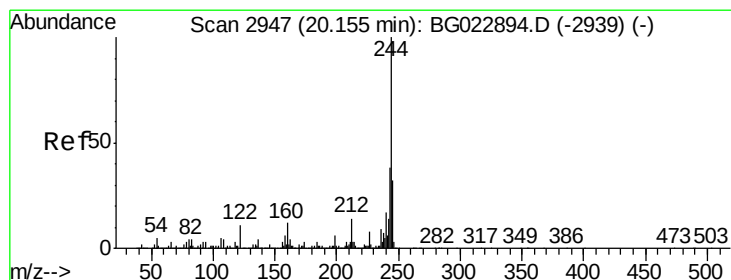
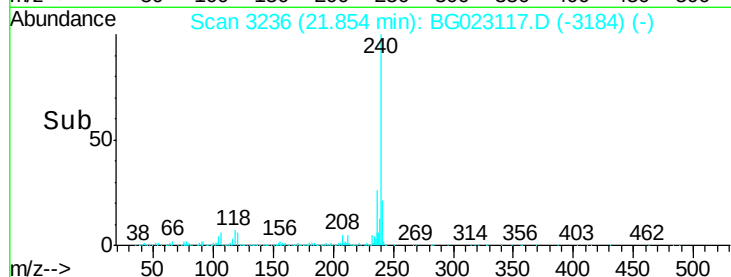
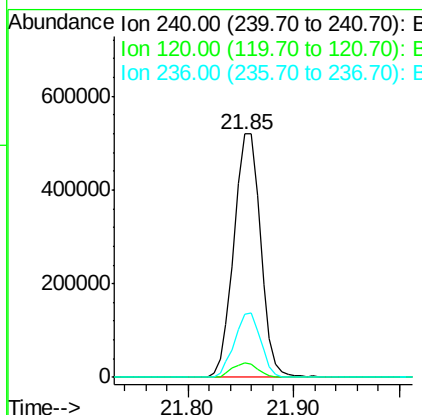
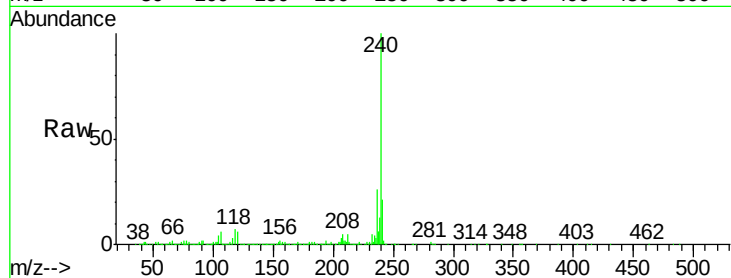




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.01 min
 Lab File: BG023117.D
 Acq: 15 Jul 2016 17:28

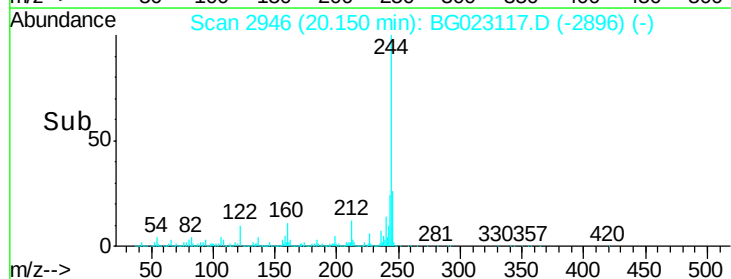
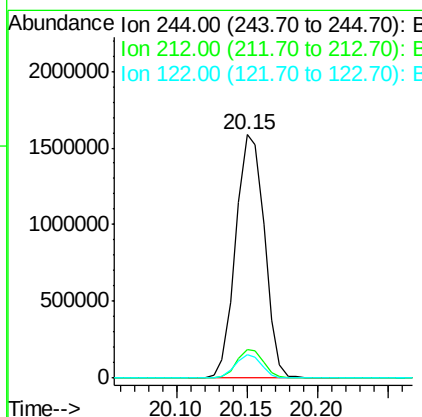
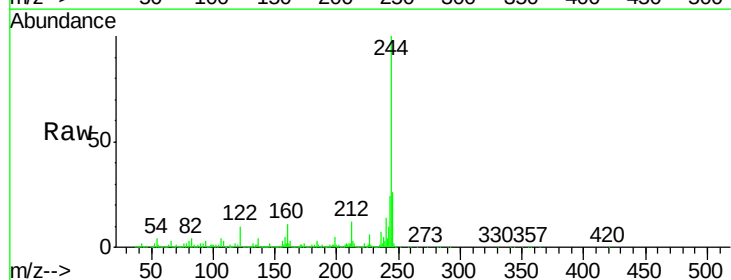
Instrument :
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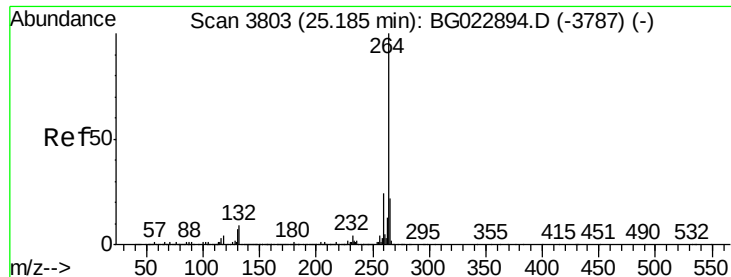
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.1	6.1
236	26.1	21.1	31.7



#78
 Terphenyl-d14
 Concen: 75.39 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BG023117.D
 Acq: 15 Jul 2016 17:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.8	10.8	16.2
122	9.8	8.0	12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3812

Delta R.T. 0.05 min

Lab File: BG023117.D

Acq: 15 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

C5-9

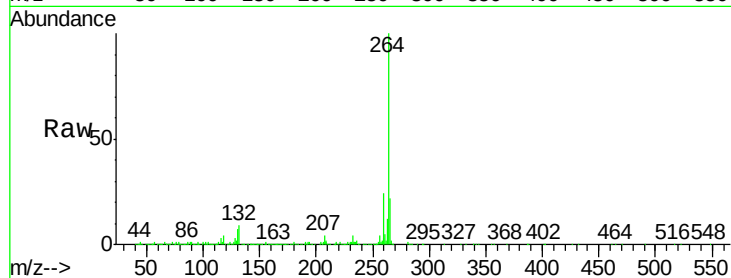
Tgt Ion: 264 Resp: 909033

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 21.8 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

