

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016717.D
 Acq On : 25 Apr 2015 14:47
 Operator : TP/IZ
 Sample : G1988-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-20

Quant Time: Apr 27 01:18:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 00:50:46 2015
 Response via : Initial Calibration

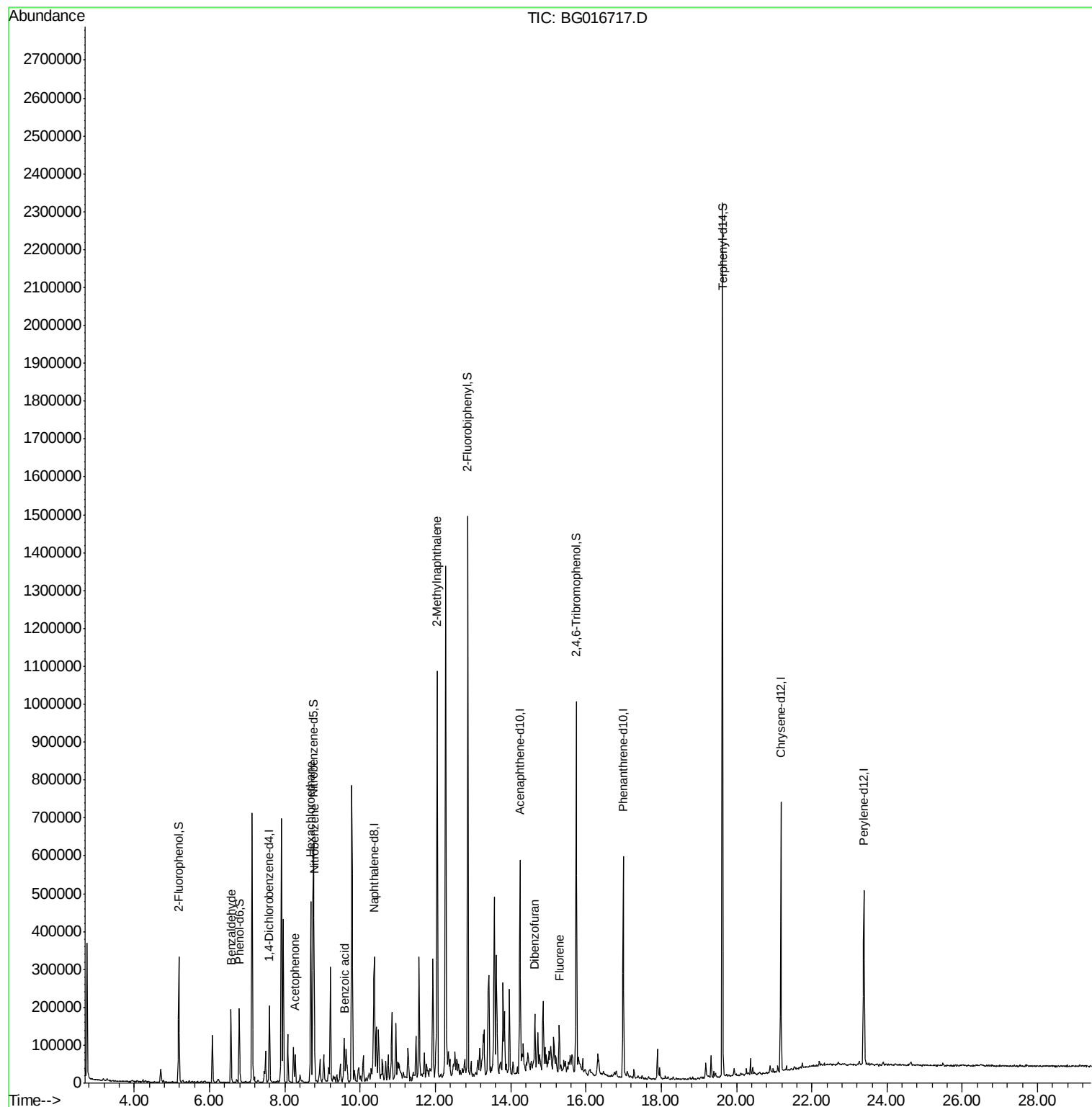
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	56192	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	240374	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	164521	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	305633	20.00	ng	0.00
75) Chrysene-d12	21.18	240	290992	20.00	ng	0.00
86) Perylene-d12	23.38	264	272498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	162991	47.07	ng	0.00
7) Phenol-d6	6.79	99	132720	27.32	ng	0.00
23) Nitrobenzene-d5	8.75	82	303236	79.71	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	134909	110.54	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	728592	71.15	ng	0.00
78) Terphenyl-d14	19.63	244	880090	69.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	4761	2.40	ng	# 52
18) Hexachloroethane	8.69	117	80755	50.62	ng	# 1
22) Acetophenone	8.28	105	23460	4.45	ng	# 65
24) Nitrobenzene	8.78	77	13200	3.30	ng	# 3
32) Benzoic acid	9.60	122	260	8.96	ng	# 1
37) 2-Methylnaphthalene	12.05	142	543042	59.32	ng	99
54) Dibenzofuran	14.65	168	59603	4.05	ng	# 97
57) Fluorene	15.29	166	42553	3.31	ng	96

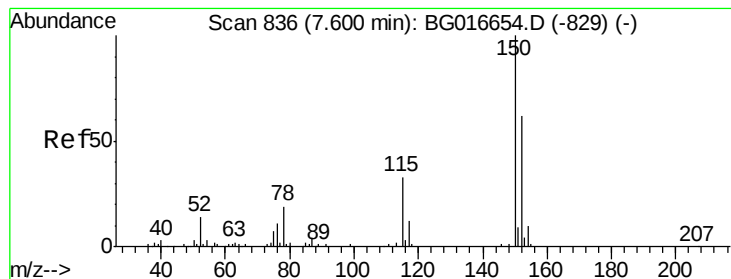
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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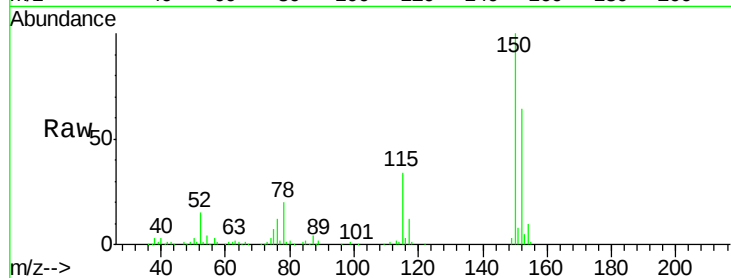


#1

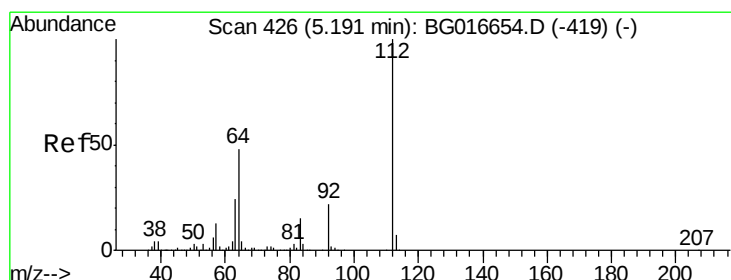
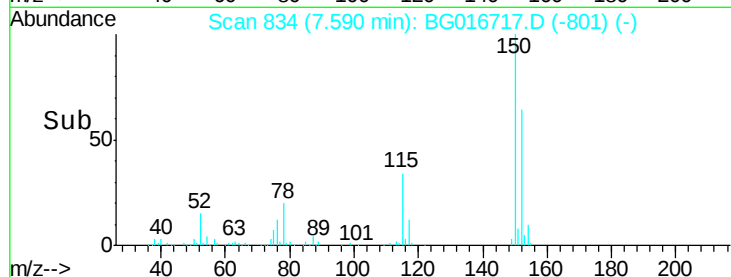
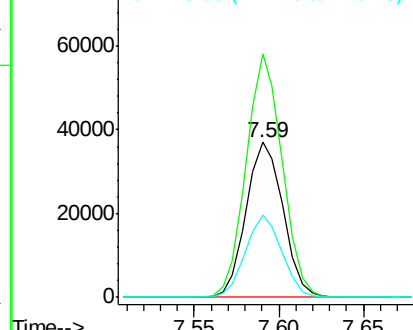
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.6	194.4
115	53.3	43.0	64.6



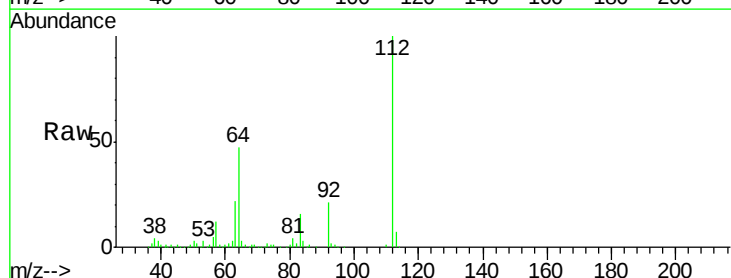
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



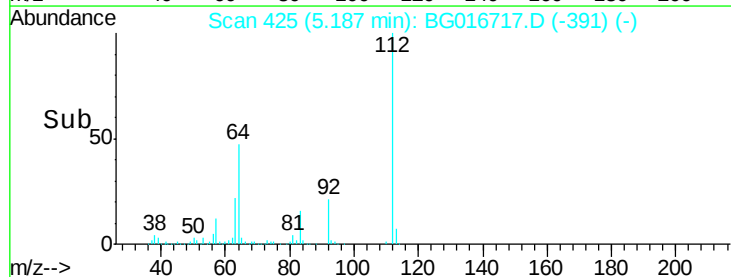
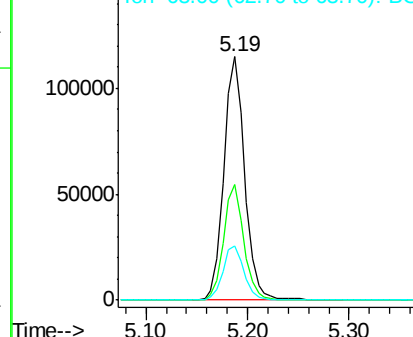
#5

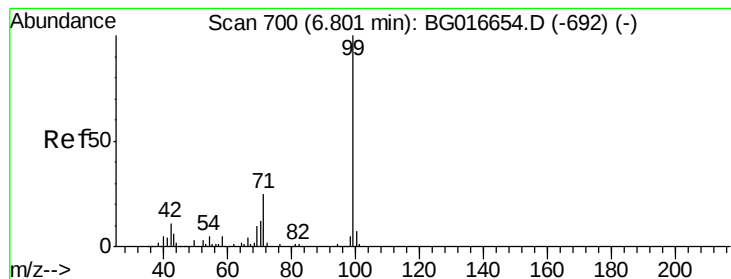
2-Fluorophenol
Concen: 47.07 ng
RT: 5.19 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	38.3	57.5
63	22.3	18.9	28.3



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: 27.32 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

Instrument :

BNA_G

ClientSampleId :

MW-20

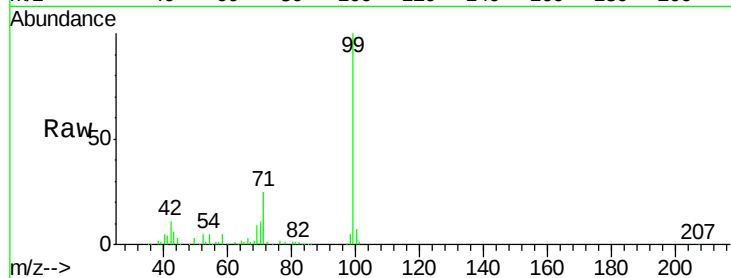
Tgt Ion: 99 Resp: 132720

Ion Ratio Lower Upper

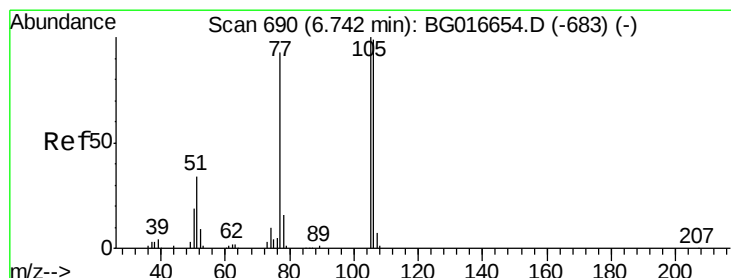
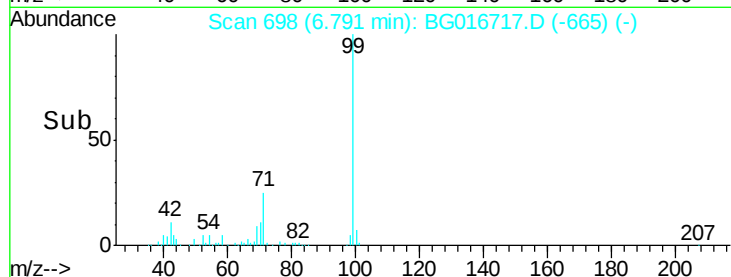
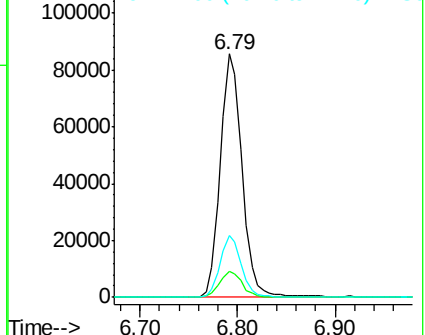
99 100

42 10.9 8.8 13.2

71 25.2 19.9 29.9



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



#9

Benzaldehyde

Concen: 2.40 ng

RT: 6.57 min Scan# 660

Delta R.T. -0.17 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

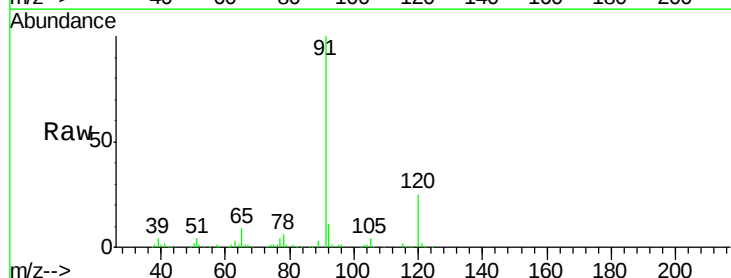
Tgt Ion: 77 Resp: 4761

Ion Ratio Lower Upper

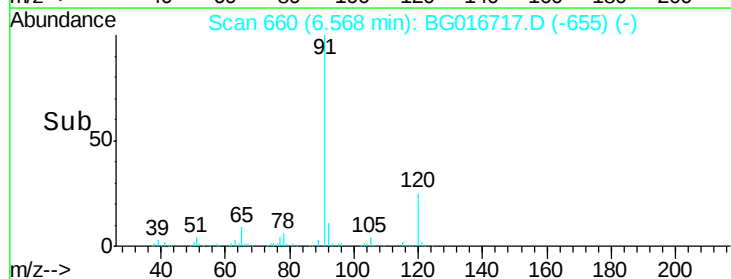
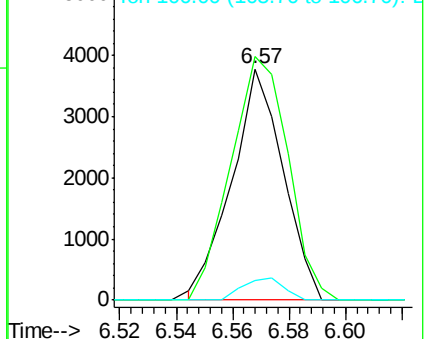
77 100

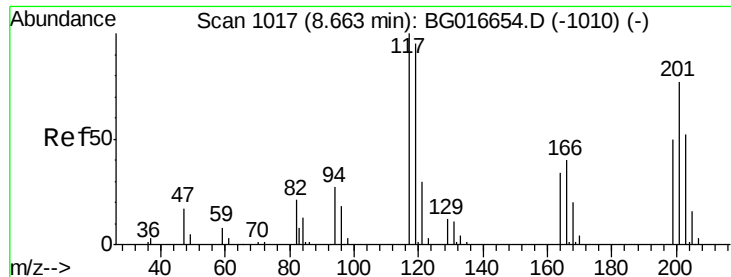
105 105.5 88.0 128.0

106 8.2 86.6 126.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

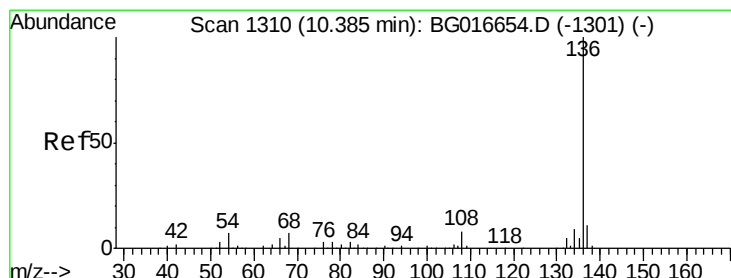
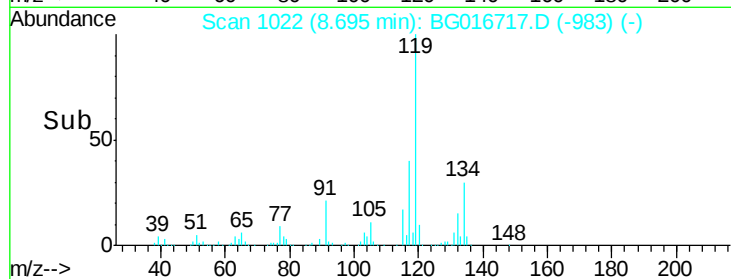
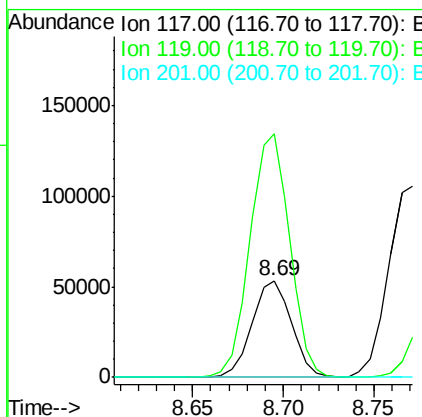
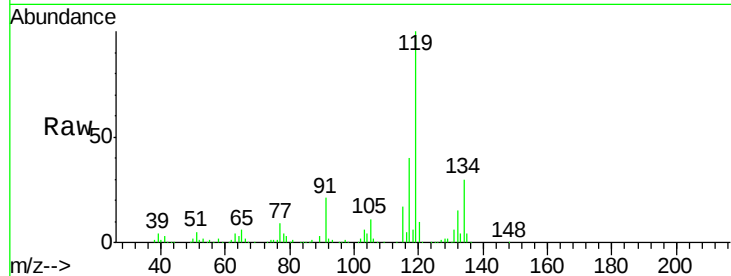




#18
 Hexachloroethane
 Concen: 50.62 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.03 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

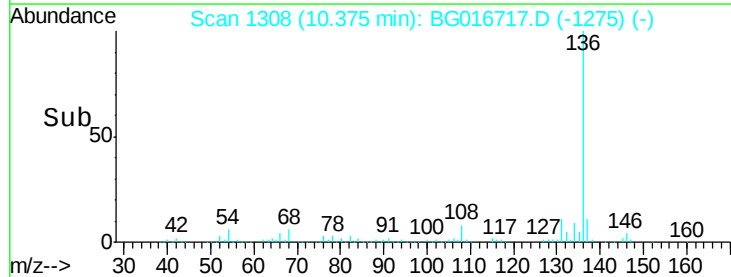
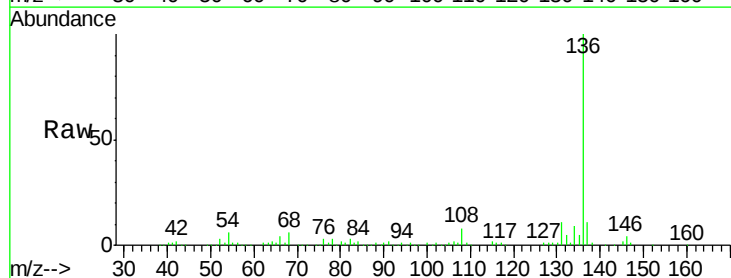
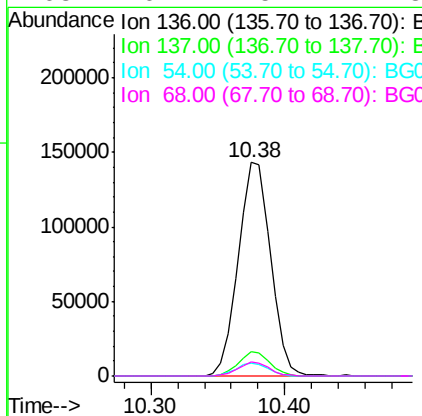
Instrument :
 BNA_G
 ClientSampled :
 MW-20

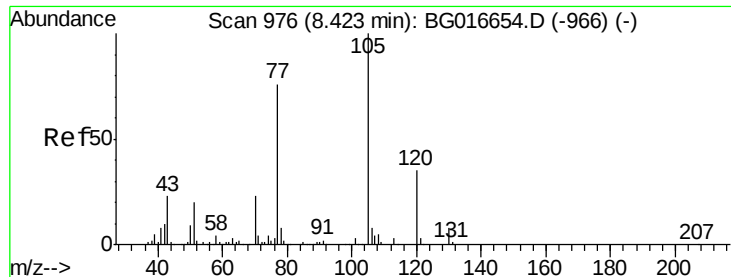
Tgt Ion:117 Resp: 80755
 Ion Ratio Lower Upper
 117 100
 119 251.5 76.3 114.5#
 201 0.0 61.5 92.3#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.38 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

Tgt Ion:136 Resp: 240374
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.5 12.7
 54 6.3 5.4 8.2
 68 6.4 5.2 7.8

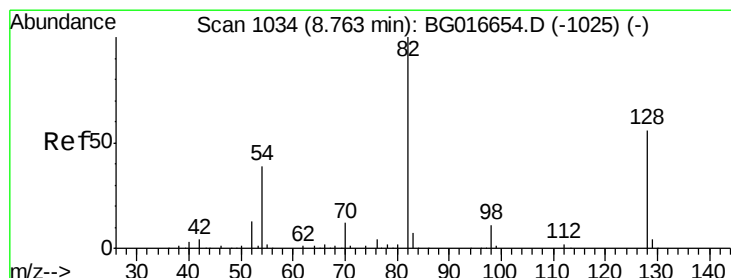
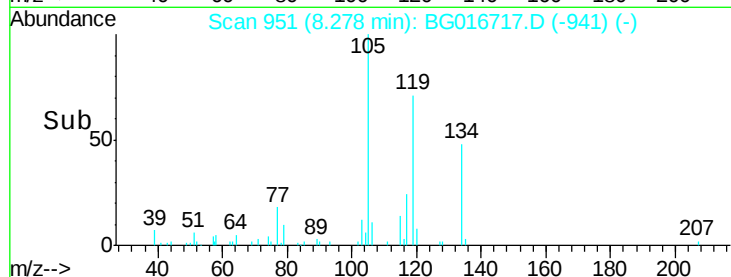
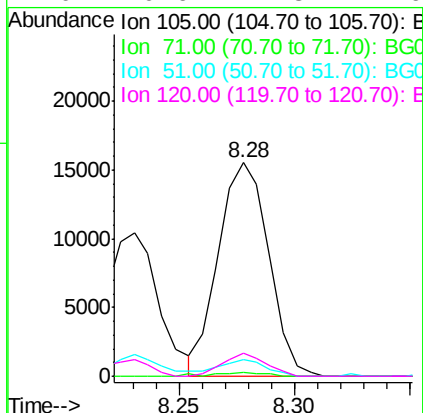
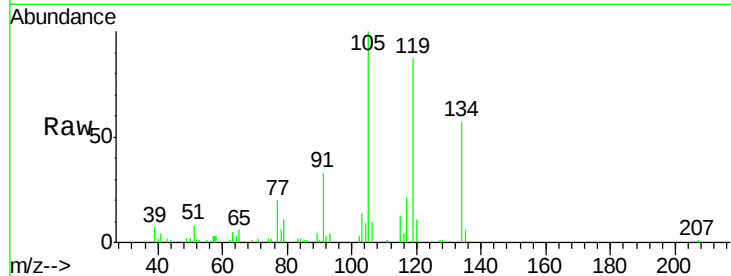




#22
Acetophenone
Concen: 4.45 ng
RT: 8.28 min Scan# 951
Delta R.T. -0.14 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

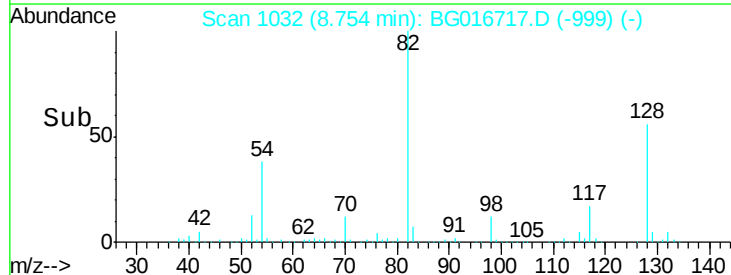
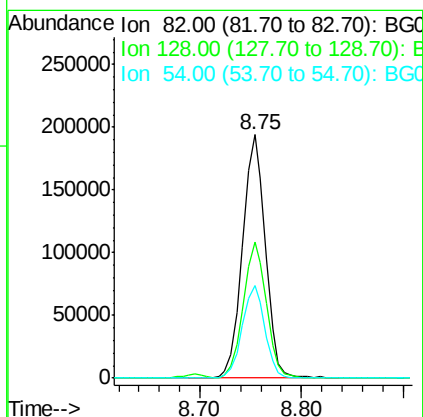
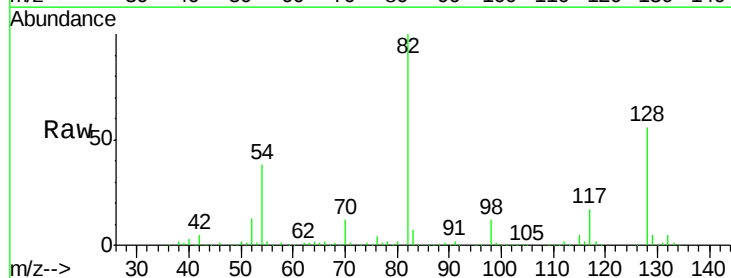
Instrument :
BNA_G
ClientSampled :
MW-20

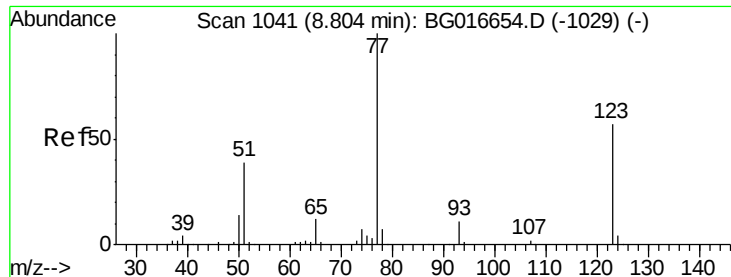
Tgt Ion: 105 Resp: 23460
Ion Ratio Lower Upper
105 100
71 1.6 3.0 4.4#
51 7.6 16.5 24.7#
120 10.6 27.8 41.6#



#23
Nitrobenzene-d5
Concen: 79.71 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion: 82 Resp: 303236
Ion Ratio Lower Upper
82 100
128 56.2 44.7 67.1
54 38.2 30.9 46.3

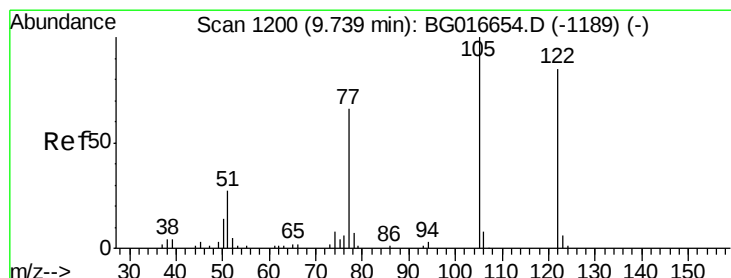
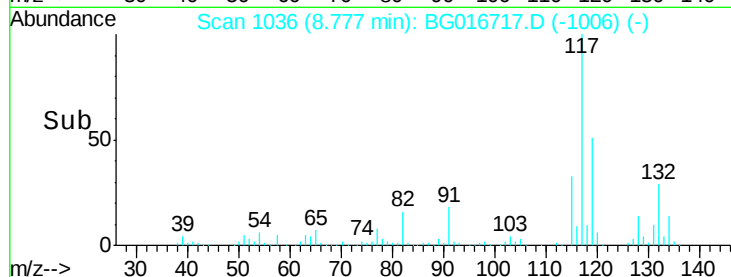
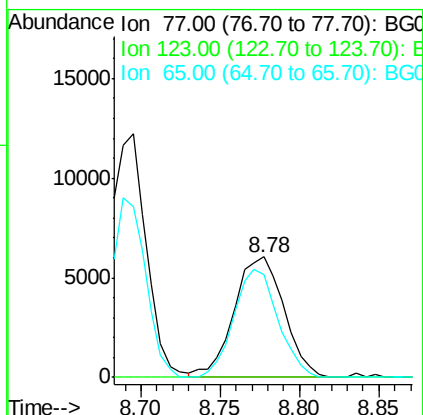
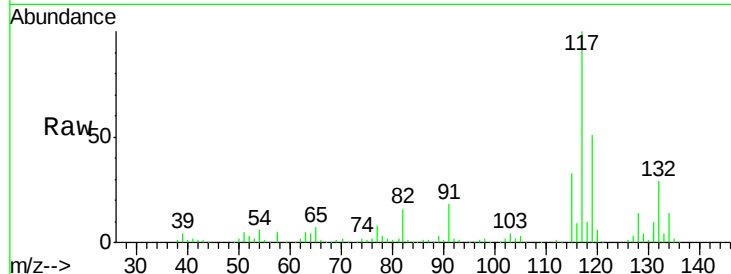




#24
 Nitrobenzene
 Concen: 3.30 ng
 RT: 8.78 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

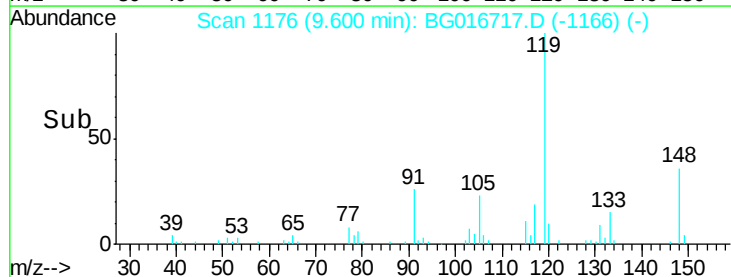
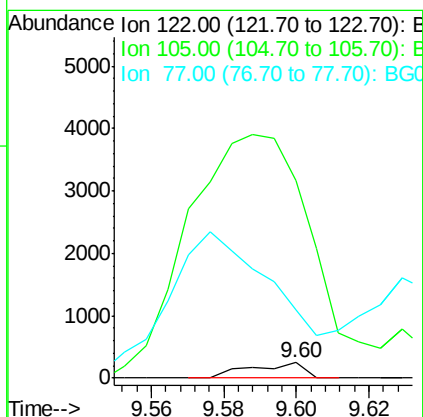
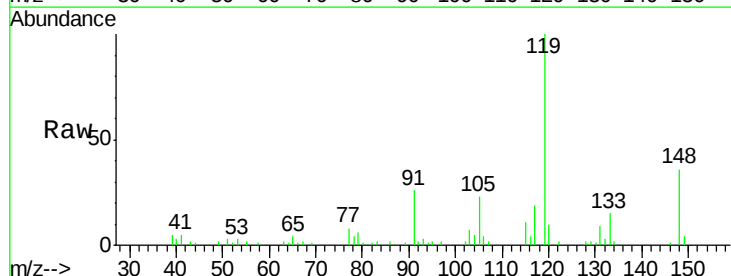
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 BNA_G
 ClientSampleID :
 MW-20

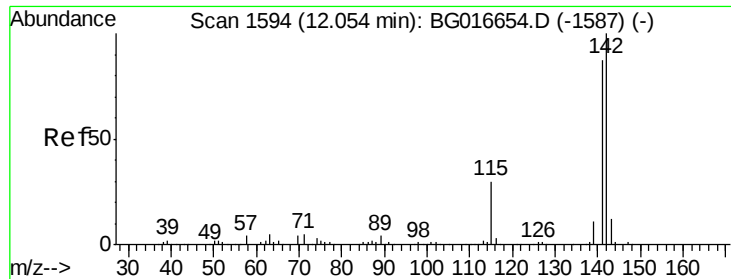
Tgt Ion: 77 Resp: 13200
 Ion Ratio Lower Upper
 77 100
 123 0.0 45.6 68.4#
 65 85.1 9.4 14.2#



#32
 Benzoic acid
 Concen: 8.96 ng
 RT: 9.60 min Scan# 1176
 Delta R.T. -0.14 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

Tgt Ion: 122 Resp: 260
 Ion Ratio Lower Upper
 122 100
 105 1295.1 97.2 137.2#
 77 449.2 58.4 98.4#

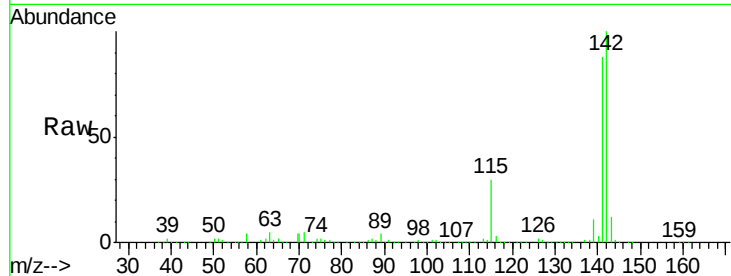




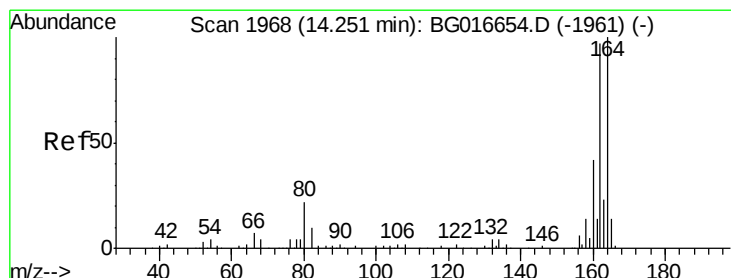
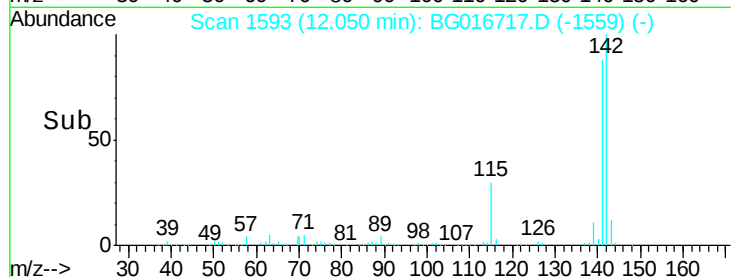
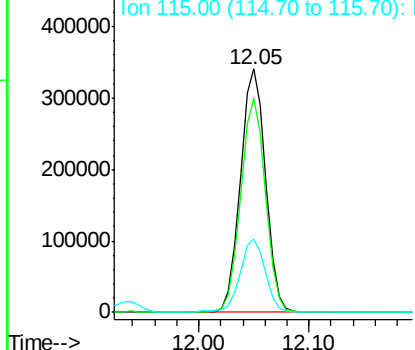
#37
2-Methylnaphthalene
Concen: 59.32 ng
RT: 12.05 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:142 Resp: 543042
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9
115 30.3 24.0 36.0

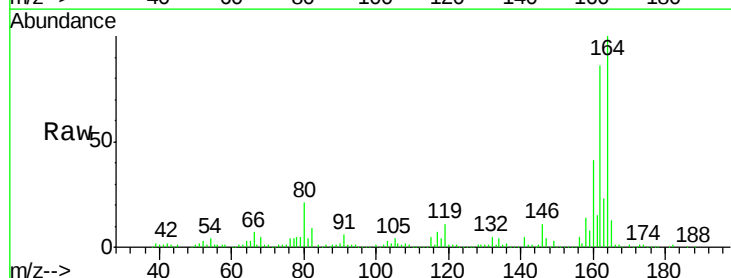


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

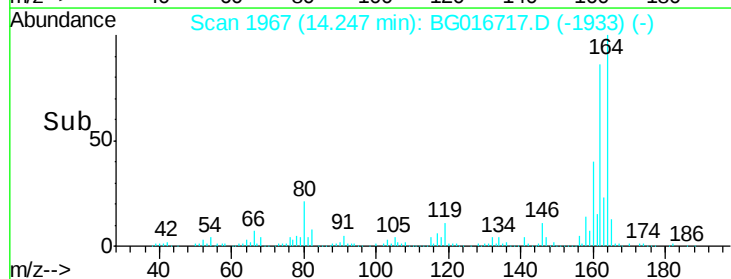
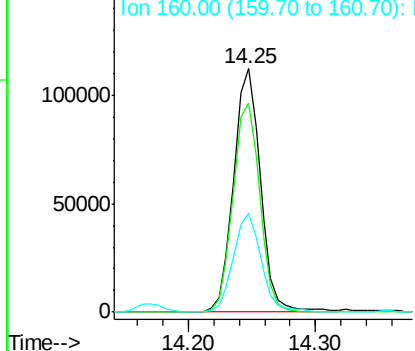


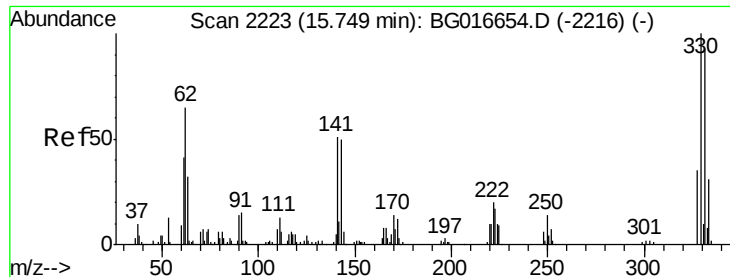
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:164 Resp: 164521
Ion Ratio Lower Upper
164 100
162 85.8 77.3 115.9
160 40.7 33.7 50.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

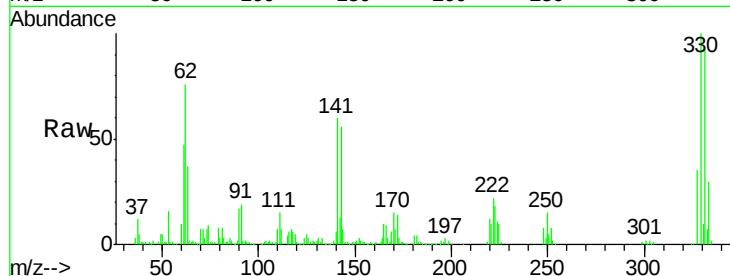




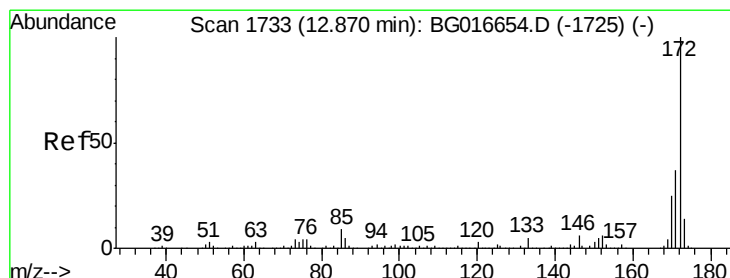
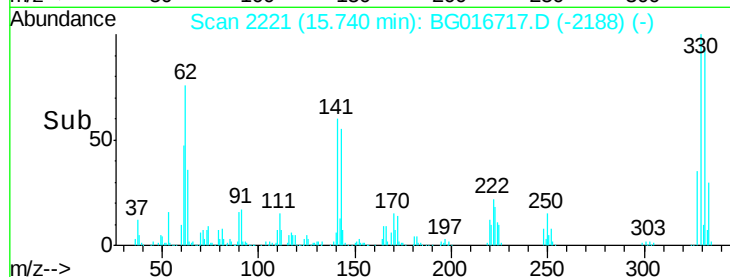
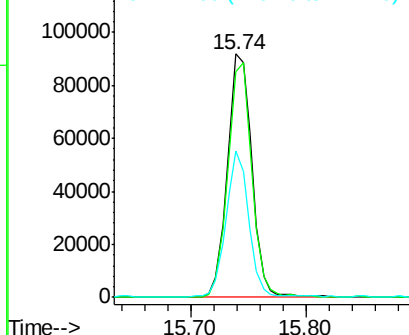
#41
 2,4,6-Tribromophenol
 Concen: 110.54 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

Instrument :
 BNA_G
 ClientSampleId :
 MW-20

Tgt Ion:330 Resp: 134909
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 57.1 43.0 64.6

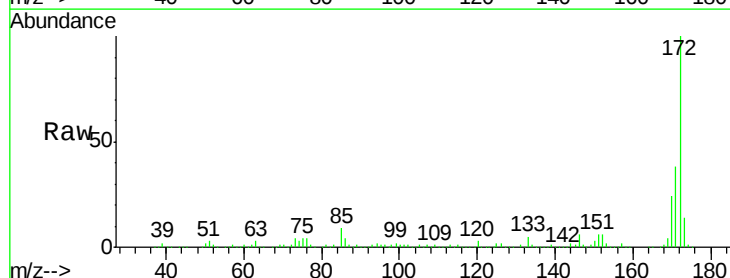


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

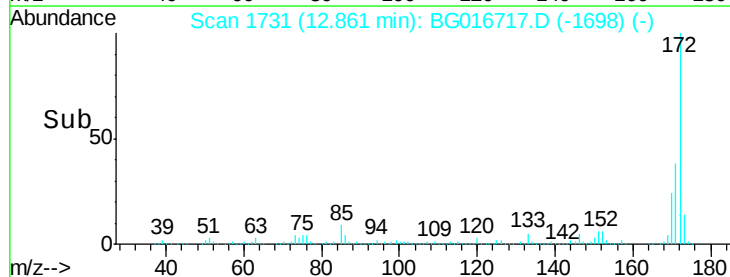
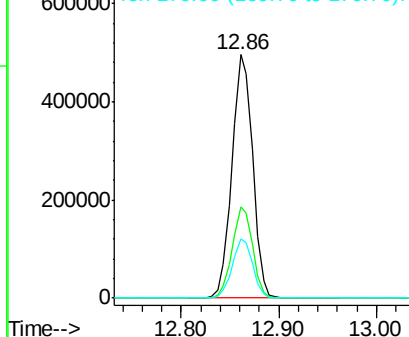


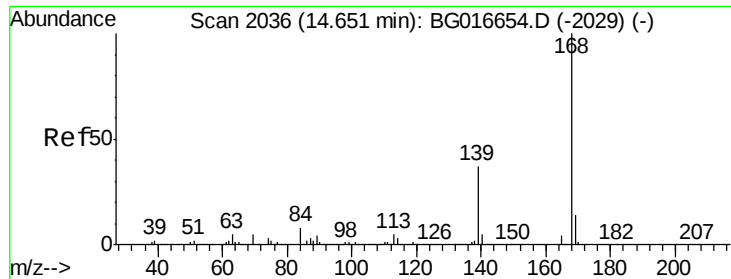
#44
 2-Fluorobiphenyl
 Concen: 71.15 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

Tgt Ion:172 Resp: 728592
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.9 44.9
 170 24.3 19.8 29.8



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





#54

Dibenzenofuran

Concen: 4.05 ng

RT: 14.65 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

Instrument :

BNA_G

ClientSampled :

MW-20

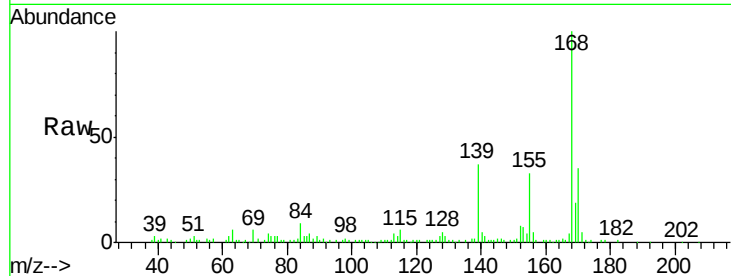
Tgt Ion:168 Resp: 59603

Ion Ratio Lower Upper

168 100

139 37.2 29.8 44.8

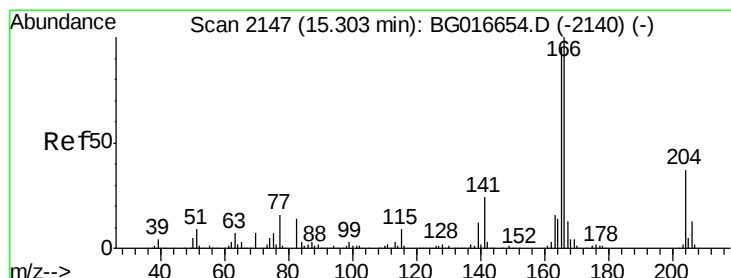
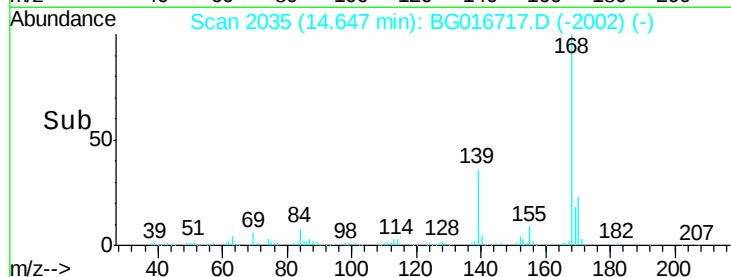
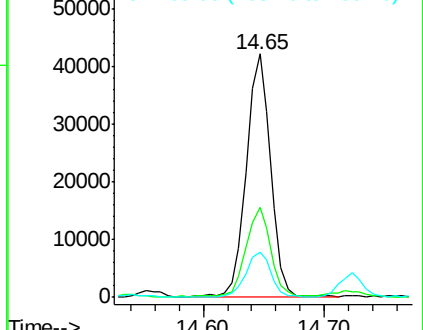
169 18.7 11.0 16.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 3.31 ng

RT: 15.29 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

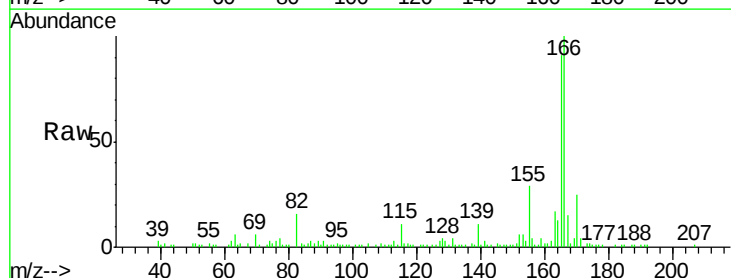
Tgt Ion:166 Resp: 42553

Ion Ratio Lower Upper

166 100

165 90.6 75.6 113.4

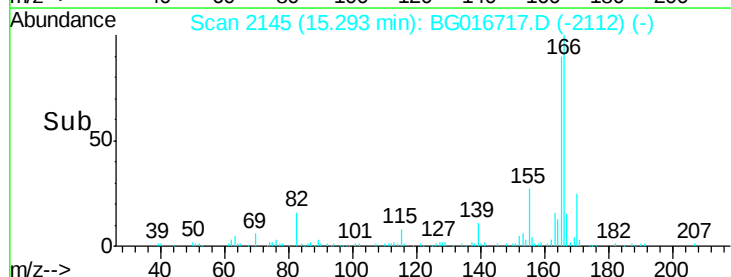
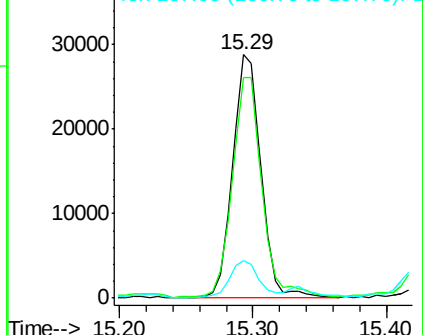
167 15.5 10.7 16.1

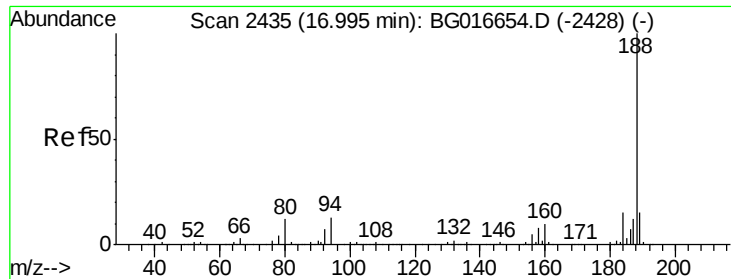


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

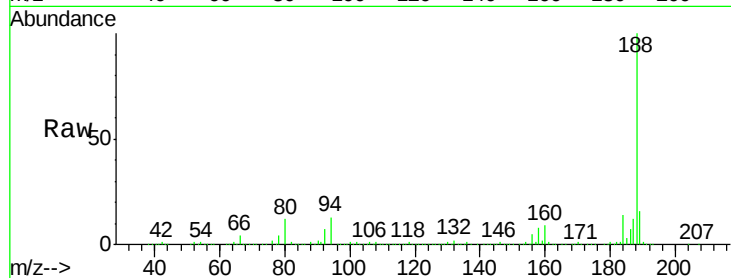




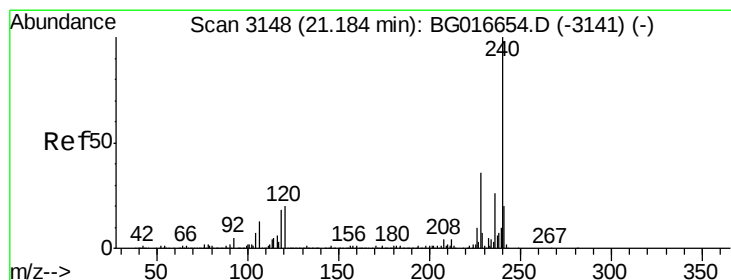
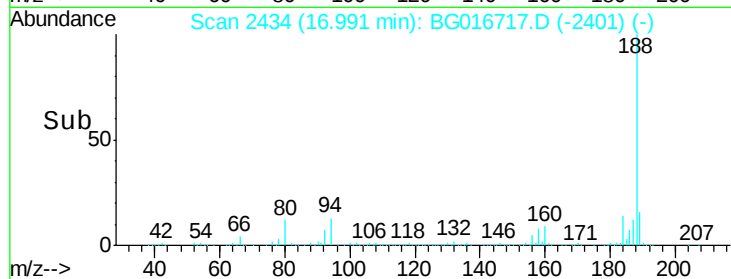
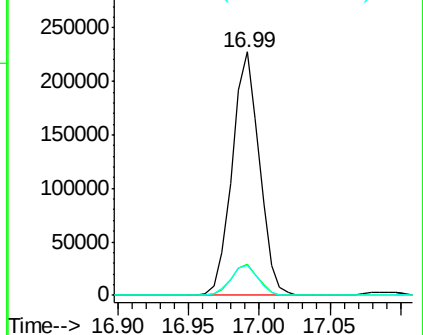
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:188 Resp: 305633
Ion Ratio Lower Upper
188 100
94 12.7 10.7 16.1
80 12.1 9.9 14.9

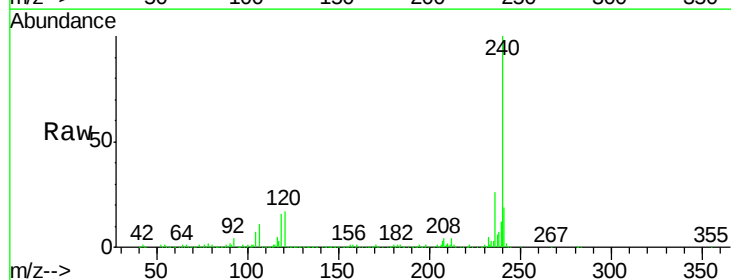


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

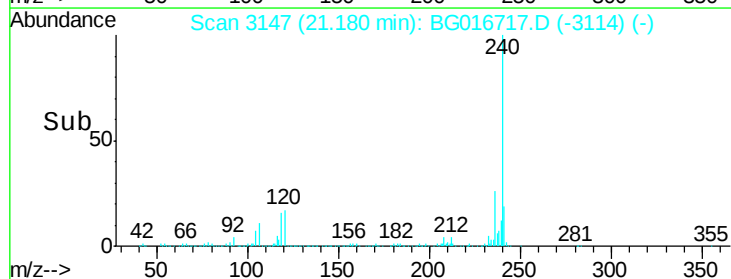
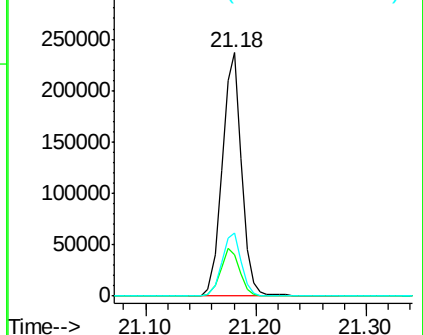


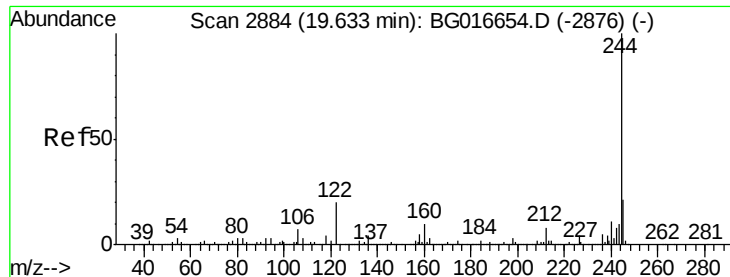
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:240 Resp: 290992
Ion Ratio Lower Upper
240 100
120 17.2 16.3 24.5
236 25.7 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: 69.67 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

Instrument :

BNA_G

ClientSampleId :

MW-20

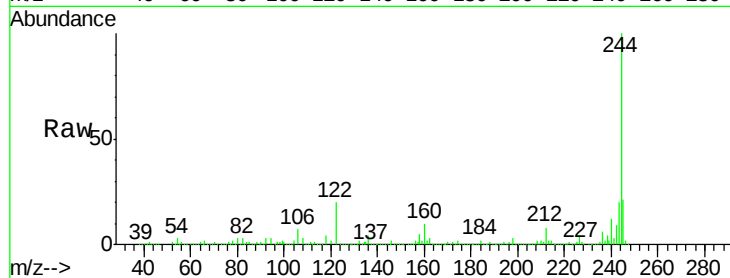
Tgt Ion:244 Resp: 880090

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

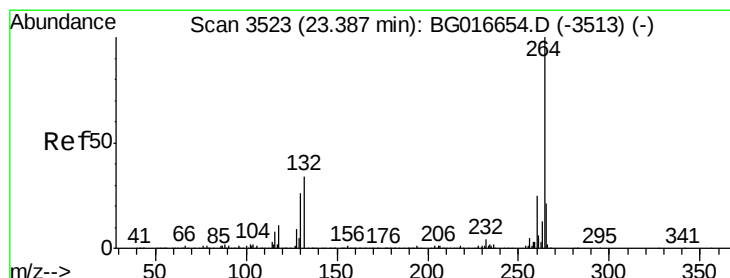
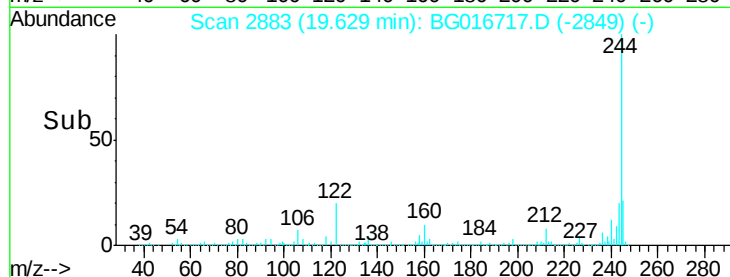
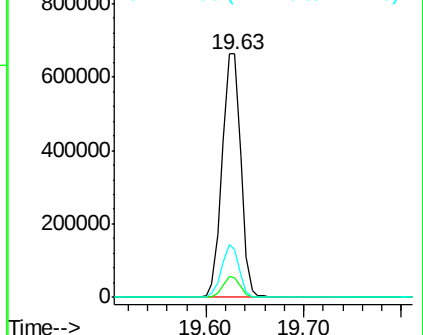
122 19.5 15.9 23.9



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: 23.38 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

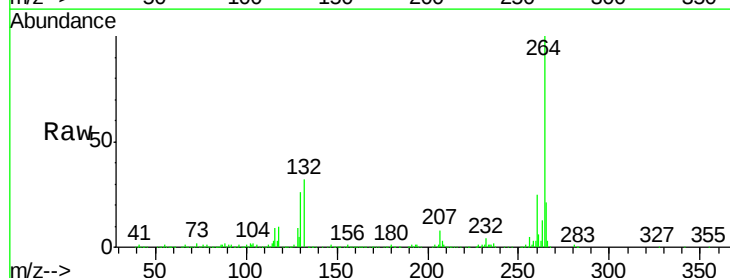
Tgt Ion:264 Resp: 272498

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.1 16.8 25.2



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

