

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG016992.D
 Acq On : 9 May 2015 16:54
 Operator : TP/IZ
 Sample : G2180-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-CW-02

Quant Time: May 19 07:27:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

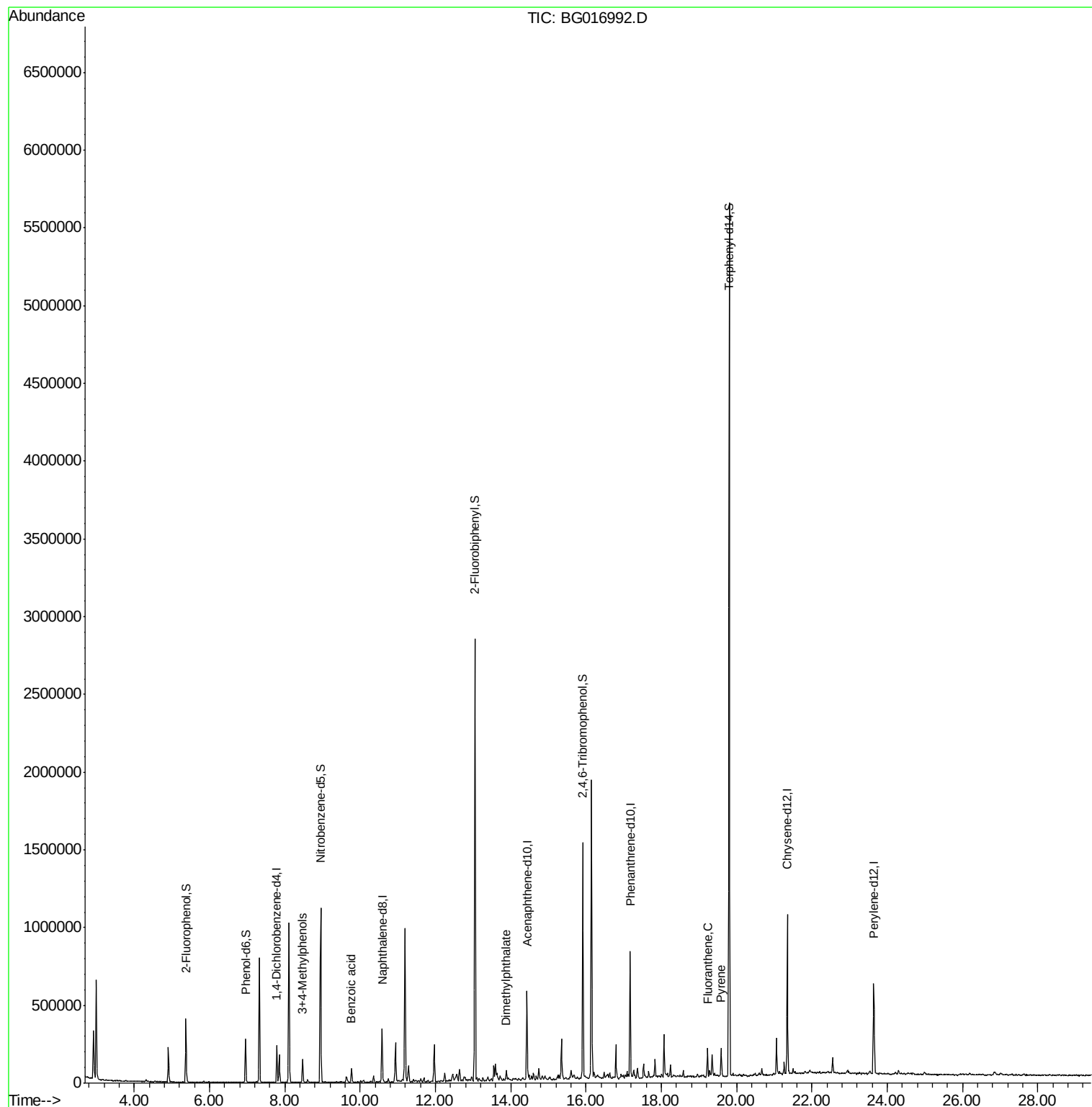
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	53901	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	247451	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	173436	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	402443	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	402732	20.00	ng	-0.02
86) Perylene-d12	23.65	264	404501	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	141188	45.61	ng	-0.01
7) Phenol-d6	6.96	99	132099	29.87	ng	0.00
23) Nitrobenzene-d5	8.95	82	600770	118.61	ng	-0.01
41) 2,4,6-Tribromophenol	15.92	330	218334	125.40	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1225247	106.61	ng	-0.02
78) Terphenyl-d14	19.80	244	2108766	122.75	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	8.47	107	38423	8.35	ng	# 1
32) Benzoic acid	9.77	122	5761	3.43	ng	# 46
49) Dimethylphthalate	13.88	163	27454	2.12	ng	99
74) Fluoranthene	19.23	202	92022	3.83	ng	97
77) Pyrene	19.59	202	99099	4.17	ng	95

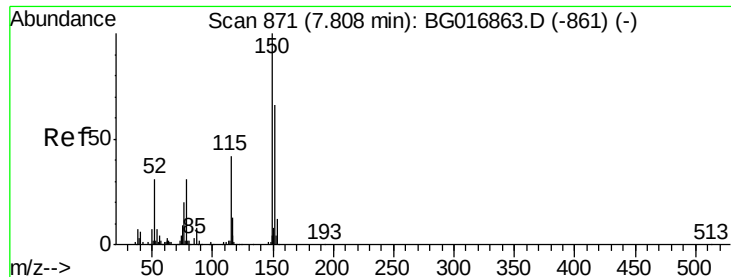
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

Instrument :

BNA_G

ClientSampleId :

WC-CW-02

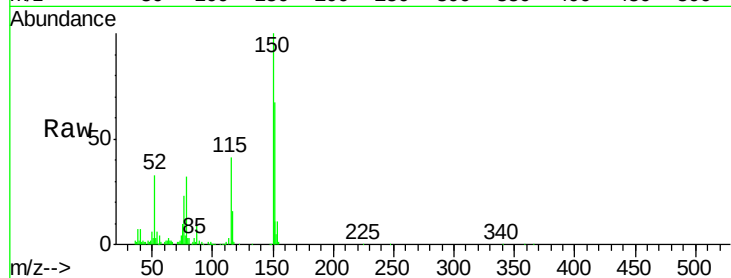
Tgt Ion:152 Resp: 53901

Ion Ratio Lower Upper

152 100

150 150.3 121.0 181.4

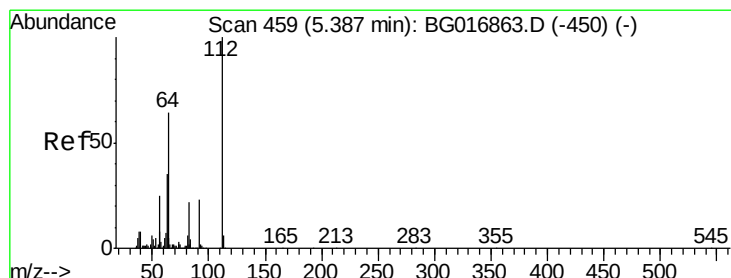
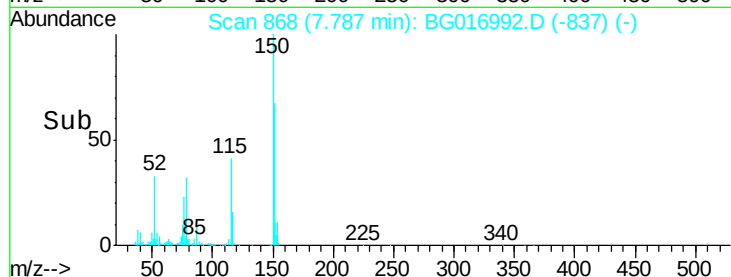
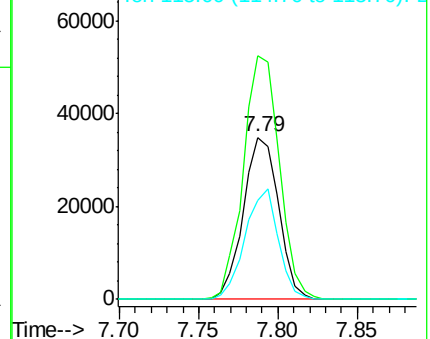
115 61.4 50.5 75.7



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: 45.61 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

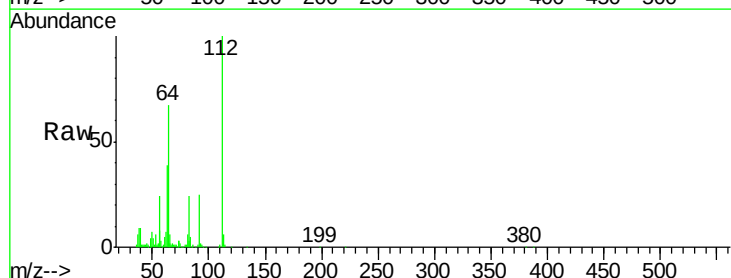
Tgt Ion:112 Resp: 141188

Ion Ratio Lower Upper

112 100

64 67.3 51.4 77.2

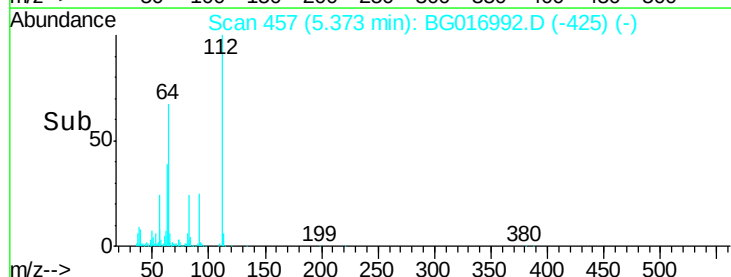
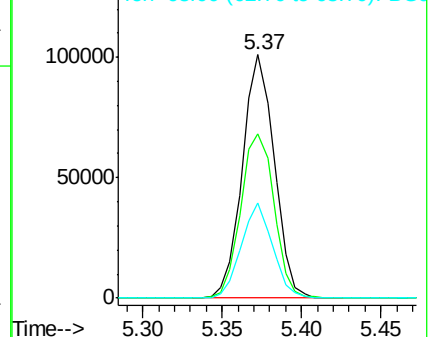
63 39.0 28.1 42.1

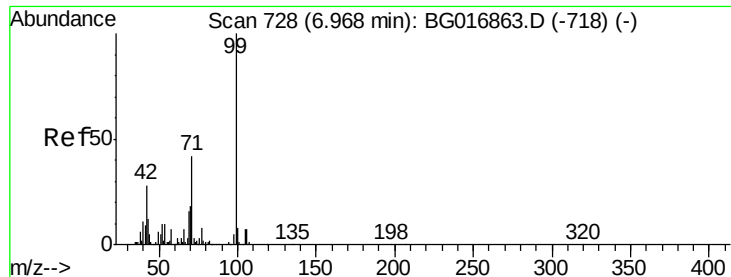


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.87 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

Instrument :

BNA_G

ClientSampleId :

WC-CW-02

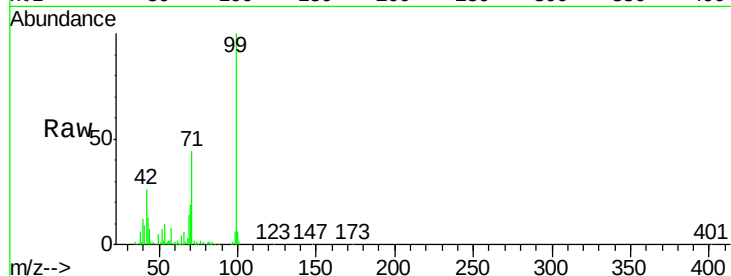
Tgt Ion: 99 Resp: 132099

Ion Ratio Lower Upper

99 100

42 25.7 22.1 33.1

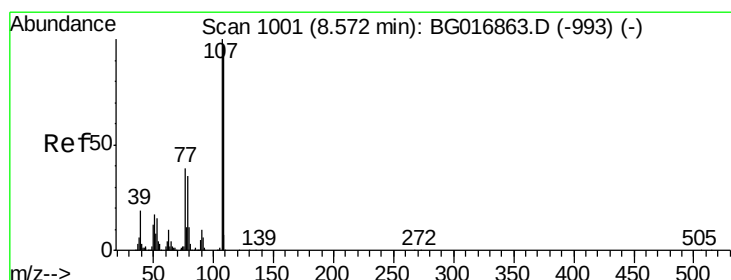
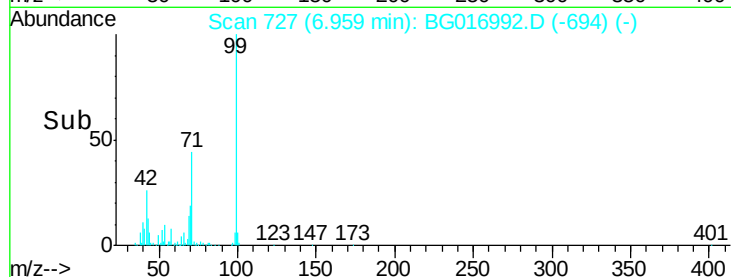
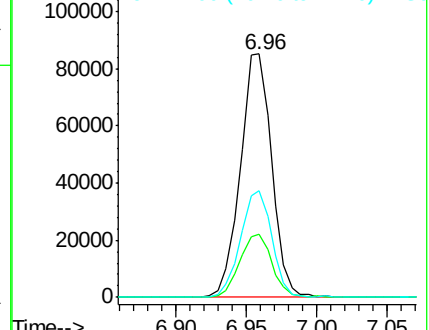
71 44.0 33.4 50.0



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



#20

3+4-Methylphenols

Concen: 8.35 ng

RT: 8.47 min Scan# 984

Delta R.T. -0.10 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

Tgt Ion: 107 Resp: 38423

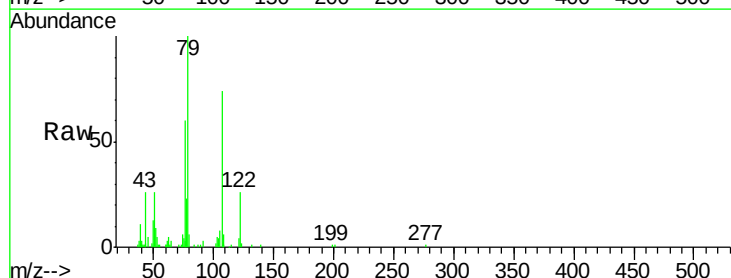
Ion Ratio Lower Upper

107 100

108 8.3 76.6 116.6#

77 80.5 19.0 59.0#

79 134.8 15.0 55.0#

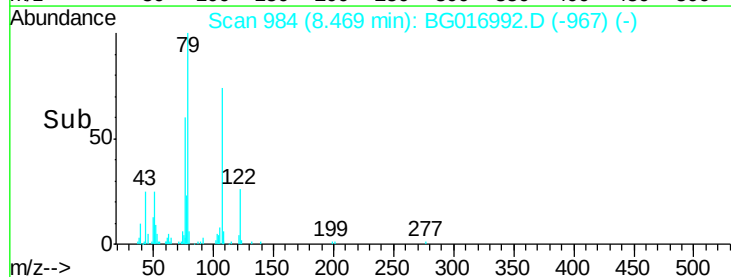
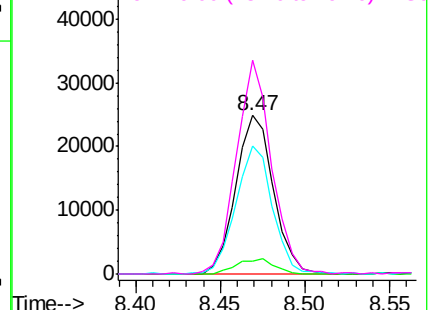


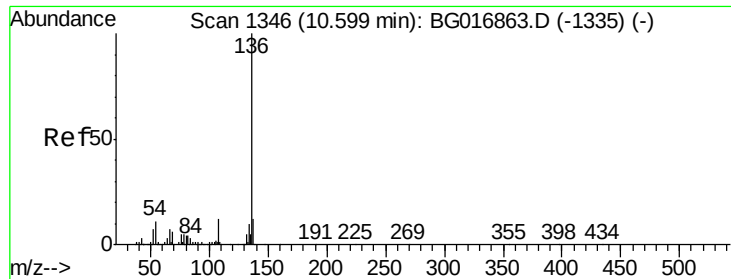
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

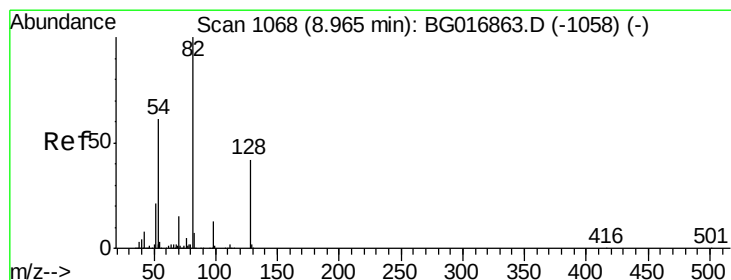
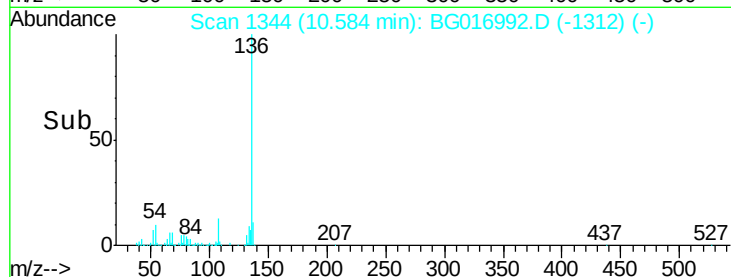
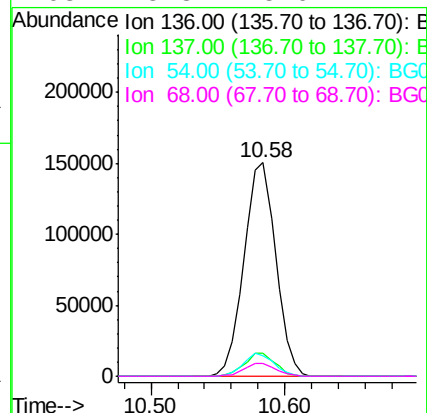
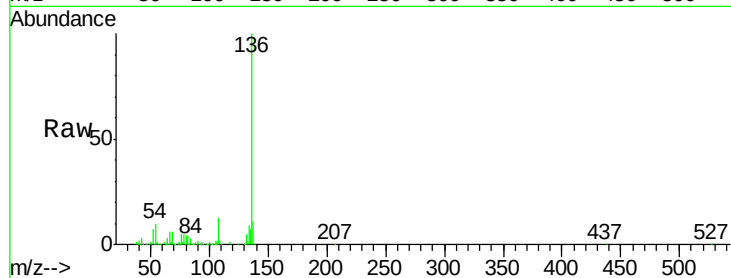




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

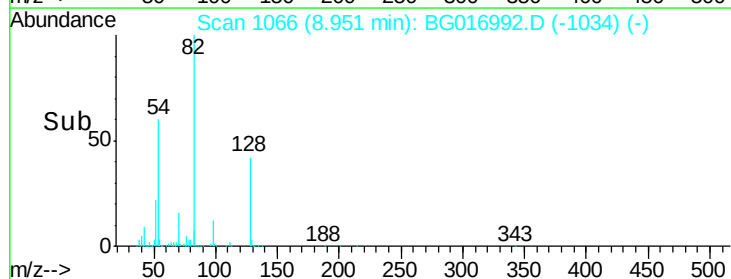
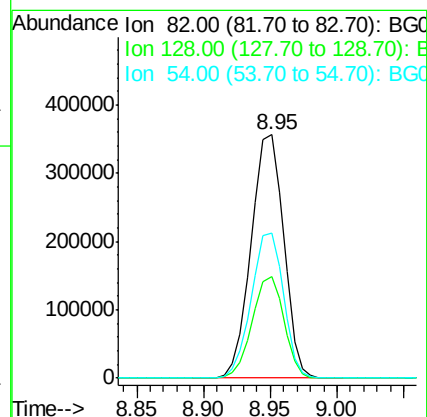
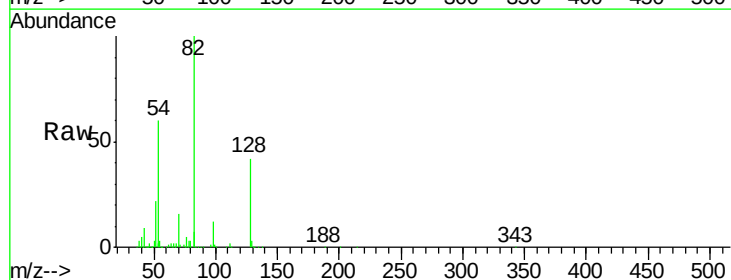
Instrument :
BNA_G
ClientSampleId :
WC-CW-02

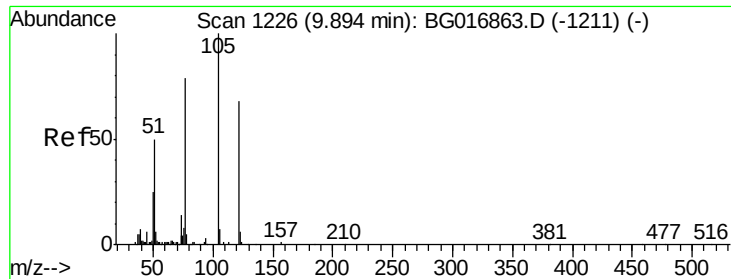
Tgt Ion:	136	Resp:	247451
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.8
54	9.7	8.7	13.1
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 118.61 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Tgt Ion:	82	Resp:	600770
Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.2	49.8
54	59.6	48.6	72.8

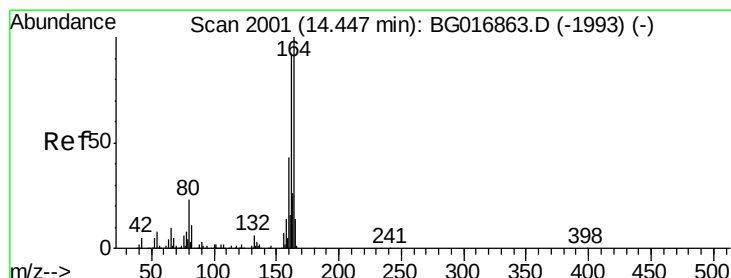
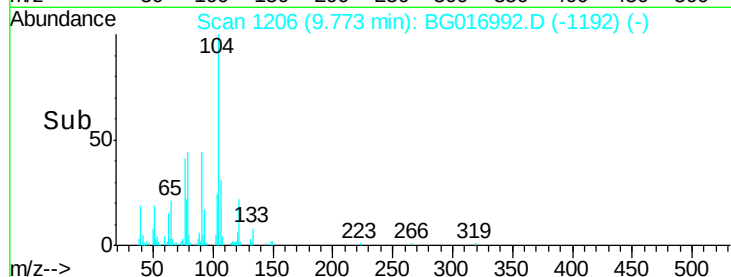
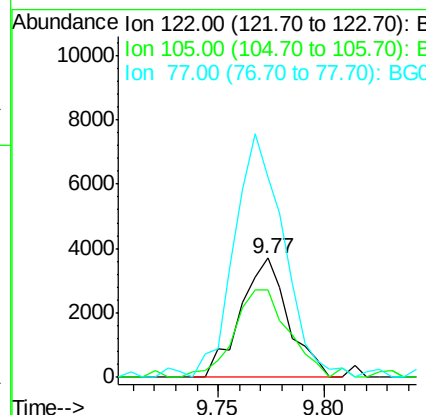
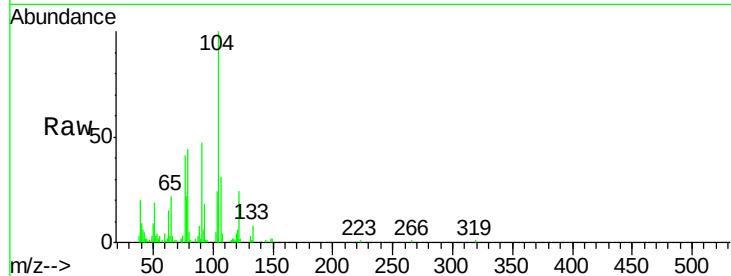




#32
Benzoic acid
Concen: 3.43 ng
RT: 9.77 min Scan# 1206
Delta R.T. -0.12 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

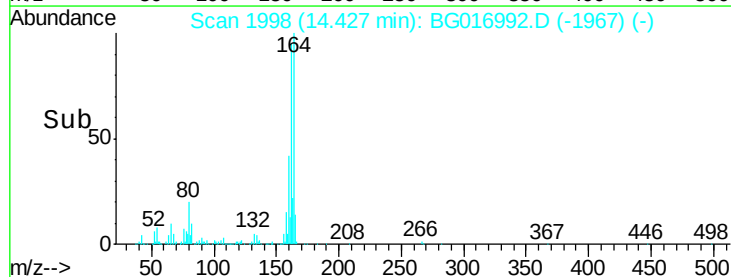
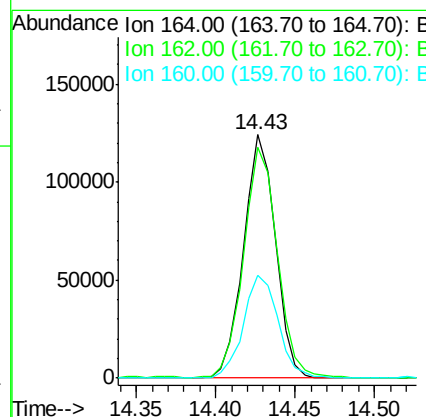
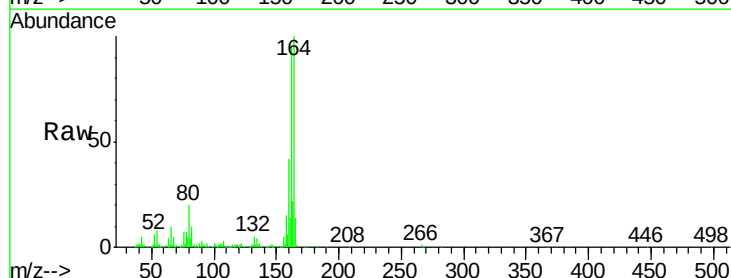
Instrument :
BNA_G
ClientSampleId :
WC-CW-02

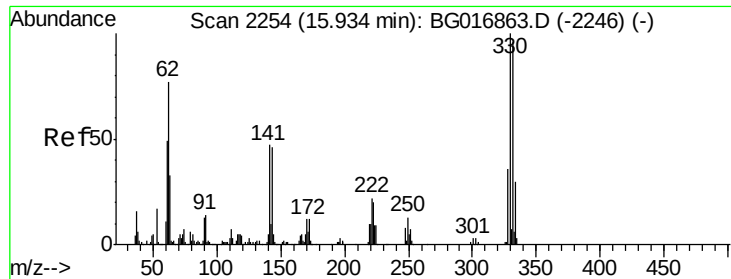
Tgt Ion:122 Resp: 5761
Ion Ratio Lower Upper
122 100
105 72.9 123.2 163.2#
77 167.1 93.0 133.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG016992.D
Acq: 9 May 2015 16:54

Tgt Ion:164 Resp: 173436
Ion Ratio Lower Upper
164 100
162 95.0 74.0 111.0
160 42.3 34.7 52.1

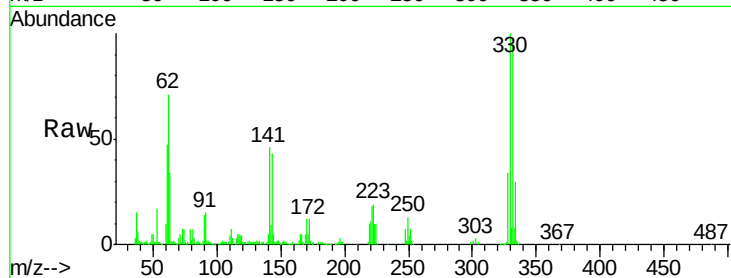




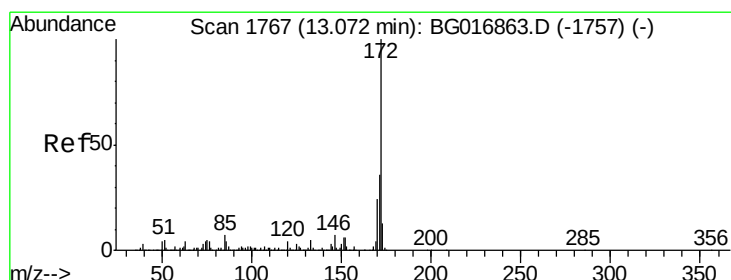
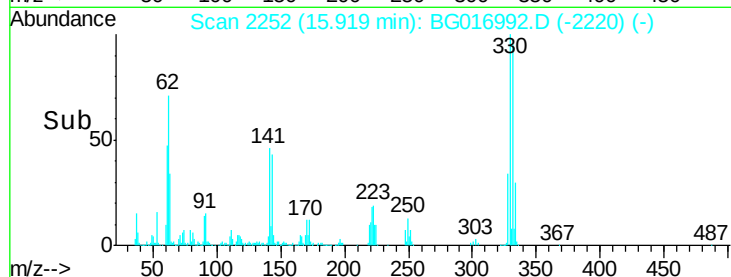
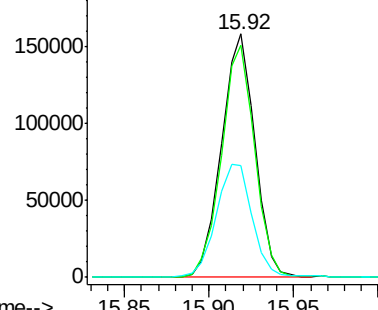
#41
 2,4,6-Tribromophenol
 Concen: 125.40 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG016992.D
 Acq: 9 May 2015 16:54

Instrument :
 BNA_G
 ClientSampleId :
 WC-CW-02

Tgt Ion:330 Resp: 218334
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 50.7 0.0 0.0#

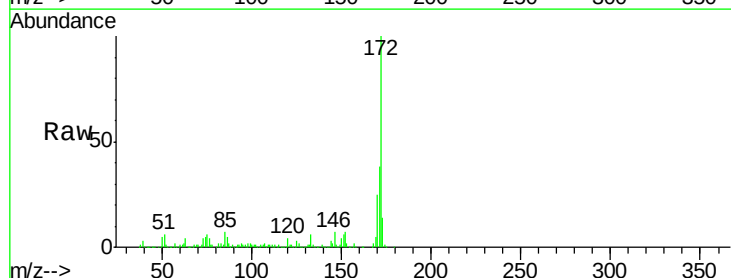


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

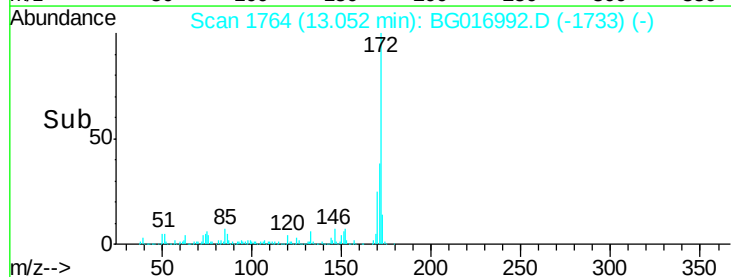
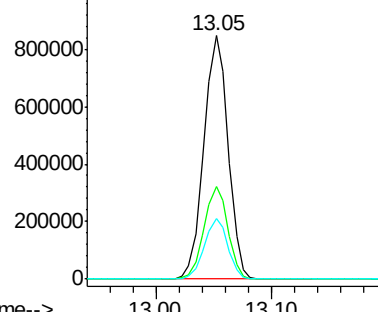


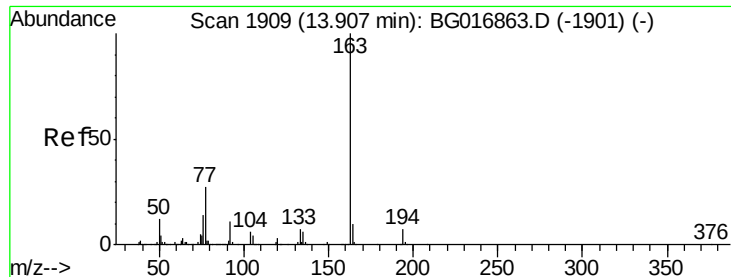
#44
 2-Fluorobiphenyl
 Concen: 106.61 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016992.D
 Acq: 9 May 2015 16:54

Tgt Ion:172 Resp: 1225247
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.0 43.4
 170 24.9 19.0 28.4



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: 2.12 ng

RT: 13.88 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

Instrument :

BNA_G

ClientSampleId :

WC-CW-02

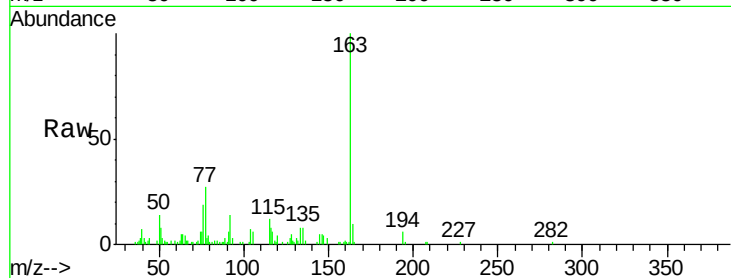
Tgt Ion:163 Resp: 27454

Ion Ratio Lower Upper

163 100

194 6.4 5.2 7.8

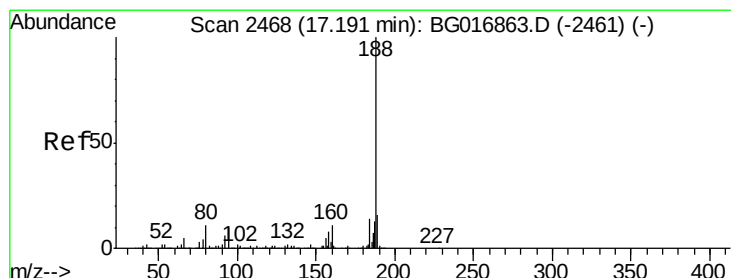
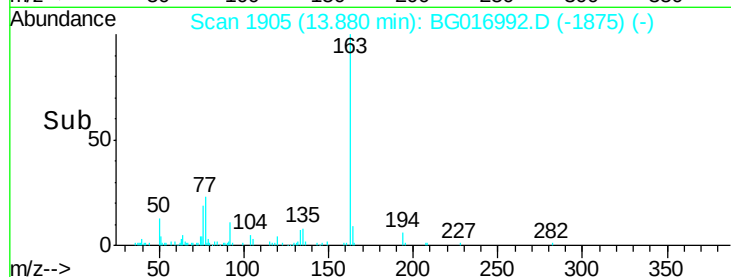
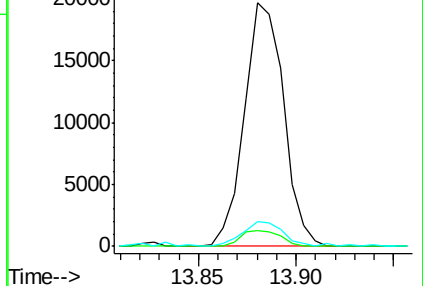
164 9.9 8.4 12.6



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: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

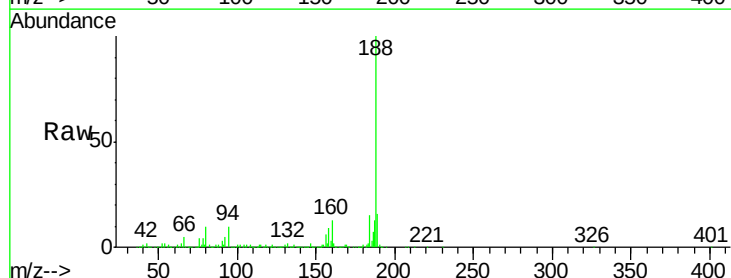
Tgt Ion:188 Resp: 402443

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

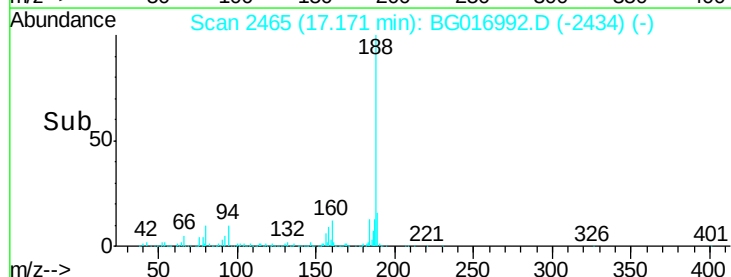
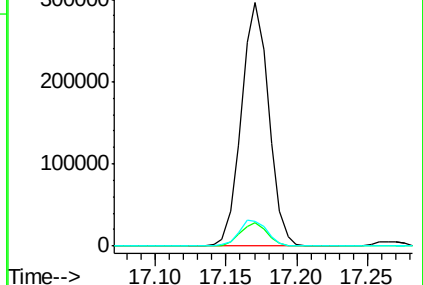
80 10.3 8.8 13.2

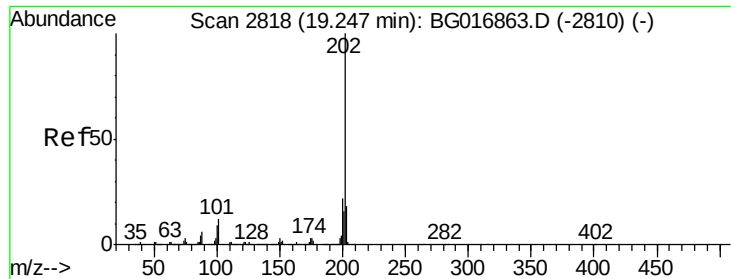


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#74

Fluoranthene

Concen: 3.83 ng

RT: 19.23 min Scan# 2815

Delta R.T. -0.02 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

Instrument :

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WC-CW-02

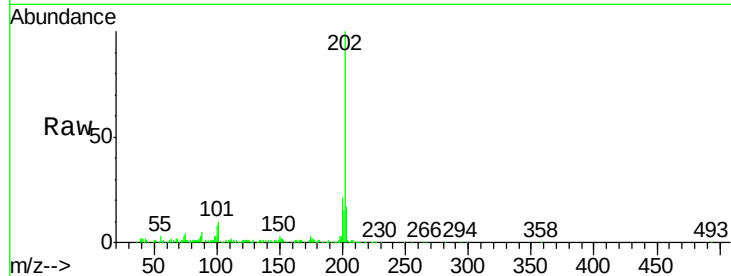
Tgt Ion:202 Resp: 92022

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.5

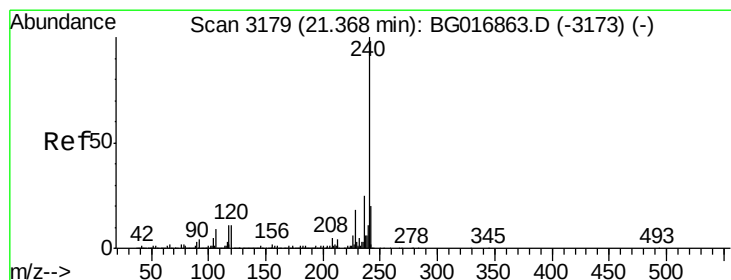
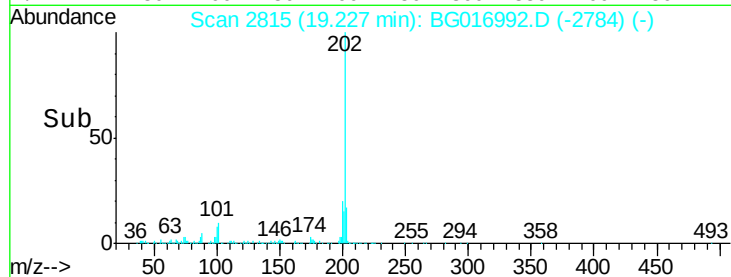
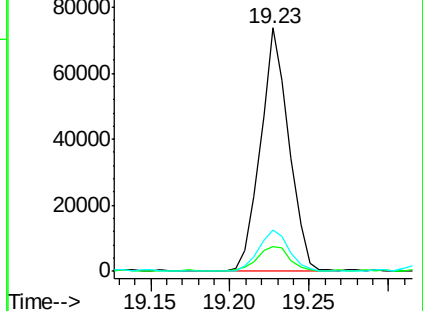
203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

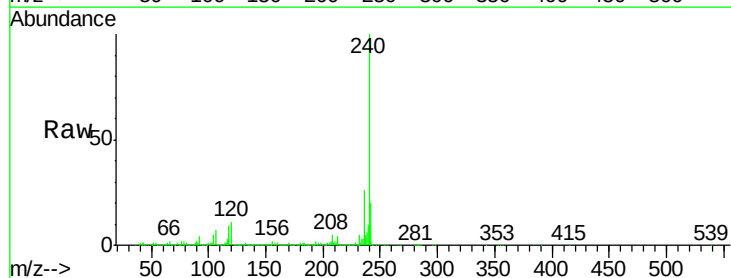
Tgt Ion:240 Resp: 402732

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

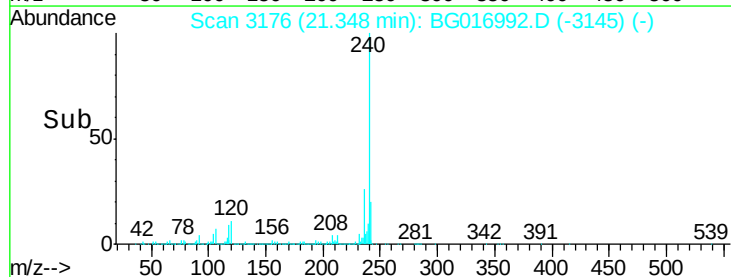
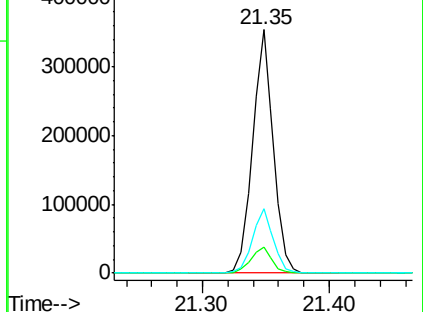
236 26.5 20.2 30.4

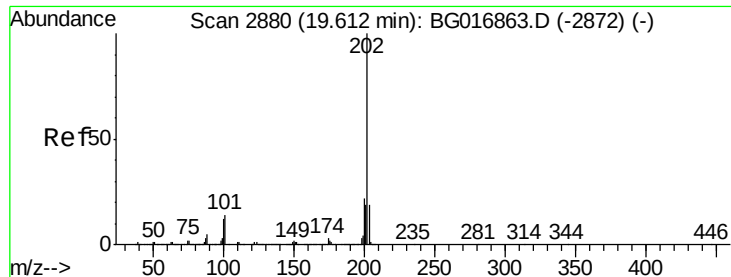


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 4.17 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.02 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

Instrument :

BNA_G

ClientSampleId :

WC-CW-02

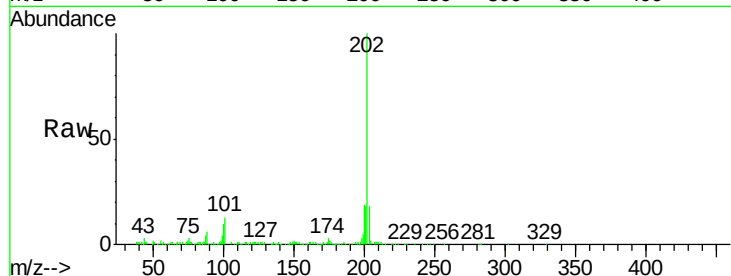
Tgt Ion:202 Resp: 99099

Ion Ratio Lower Upper

202 100

200 19.2 17.9 26.9

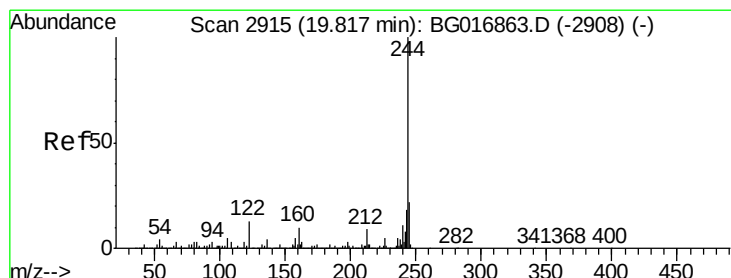
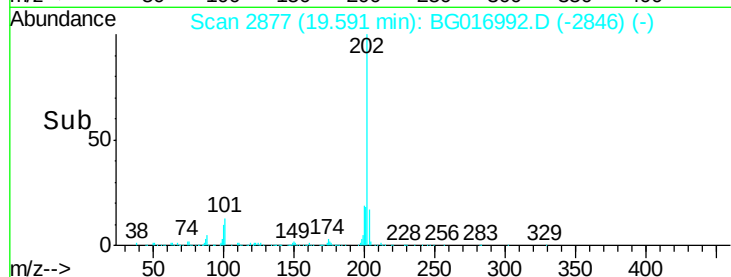
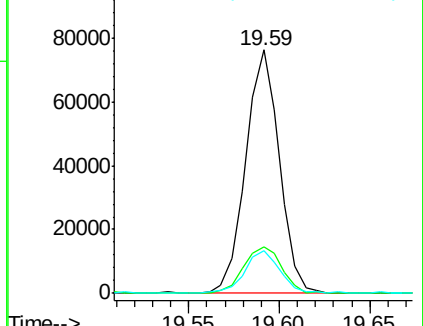
203 17.7 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 122.75 ng

RT: 19.80 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

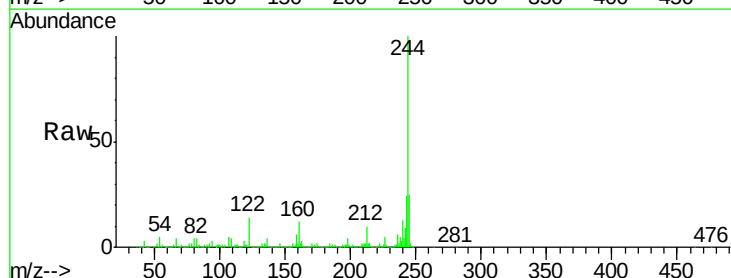
Tgt Ion:244 Resp: 2108766

Ion Ratio Lower Upper

244 100

212 10.3 7.0 10.6

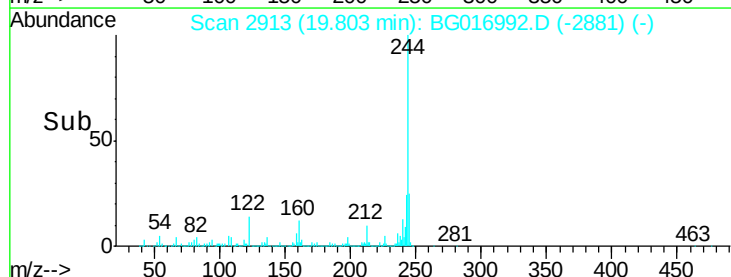
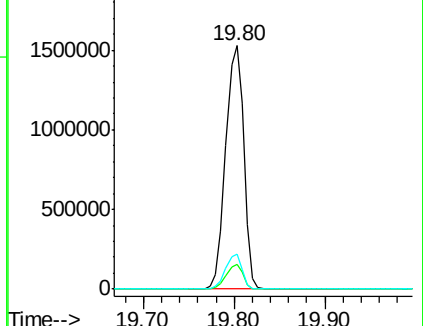
122 14.5 10.4 15.6

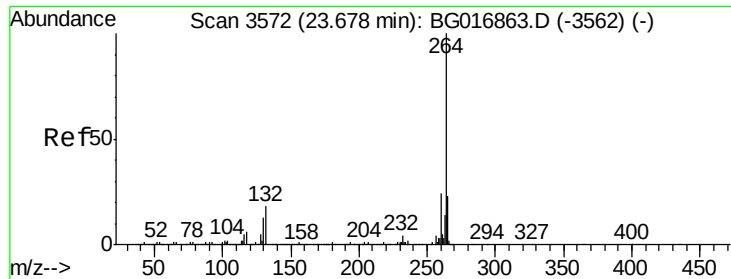


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.65 min Scan# 3567

Delta R.T. -0.03 min

Lab File: BG016992.D

Acq: 9 May 2015 16:54

Instrument :

BNA_G

ClientSampleId :

WC-CW-02

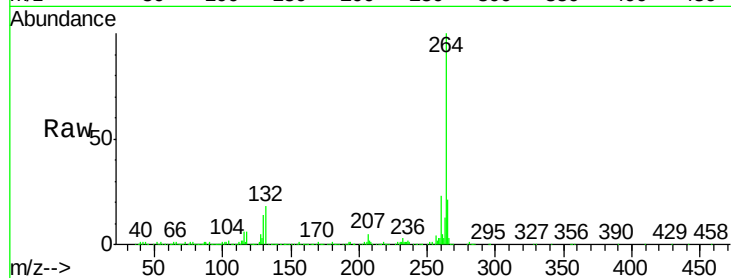
Tgt Ion:264 Resp: 404501

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.4 18.5 27.7



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

