

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019156.D
 Acq On : 12 Oct 2015 11:08
 Operator : UM/NP
 Sample : G3978-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW16

Quant Time: Oct 13 01:03:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

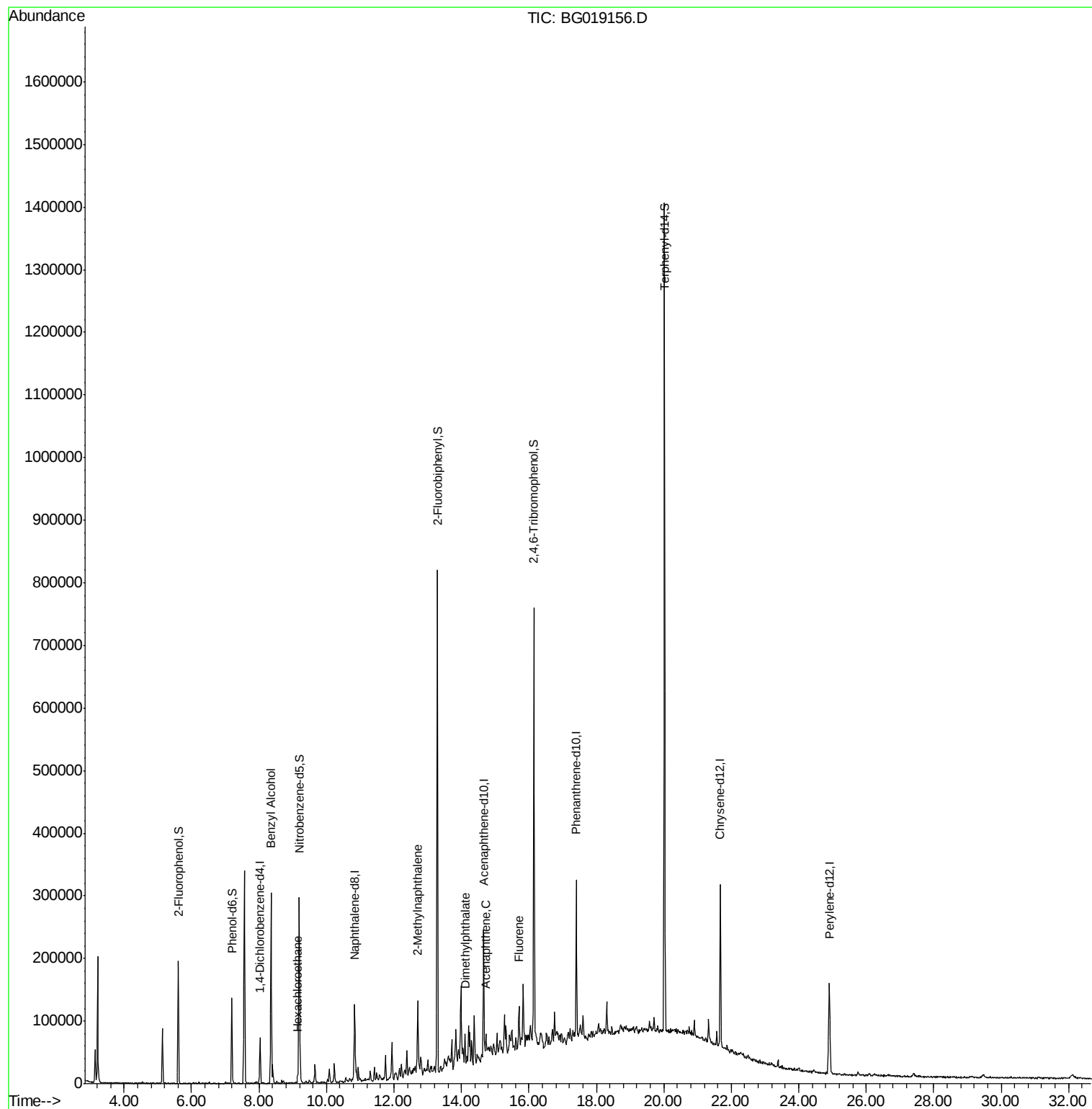
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19061	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	86807	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	61052	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	137950	20.00	ng	0.00
75) Chrysene-d12	21.68	240	160340	20.00	ng	-0.01
86) Perylene-d12	24.91	264	157510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	70667	75.49	ng	0.00
7) Phenol-d6	7.19	99	71398	49.65	ng	0.00
23) Nitrobenzene-d5	9.19	82	168890	107.50	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	125041	150.30	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	399264	100.56	ng	0.00
78) Terphenyl-d14	20.02	244	549191	90.48	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.36	79	2577	2.01	ng	# 51
18) Hexachloroethane	9.14	117	4297	8.59	ng	# 16
37) 2-Methylnaphthalene	12.71	142	49273	15.18	ng	98
49) Dimethylphthalate	14.11	163	26129	5.42	ng	99
51) Acenaphthene	14.72	154	14535	4.02	ng	93
57) Fluorene	15.71	166	21338	4.60	ng	95

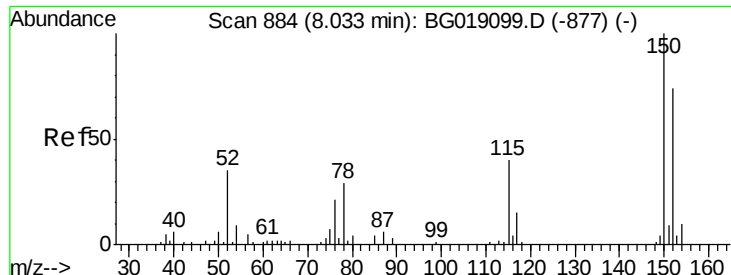
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Instrument :

BNA_G

ClientSampleId :

MW16

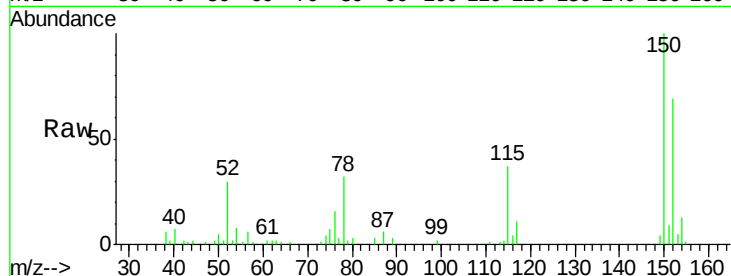
Tot Ion:152 Resp: 19061

Ion Ratio Lower Upper

152 100

150 145.7 108.2 162.2

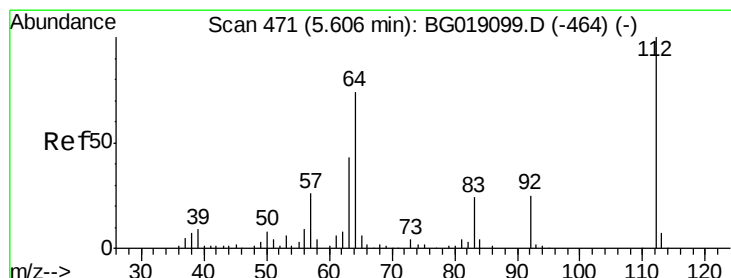
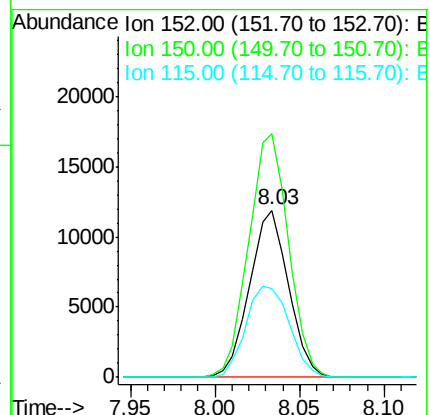
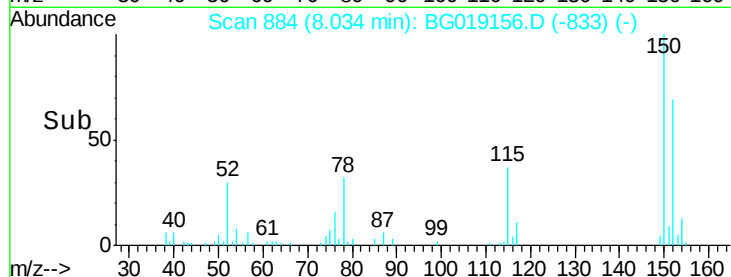
115 53.2 43.2 64.8



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: 75.49 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

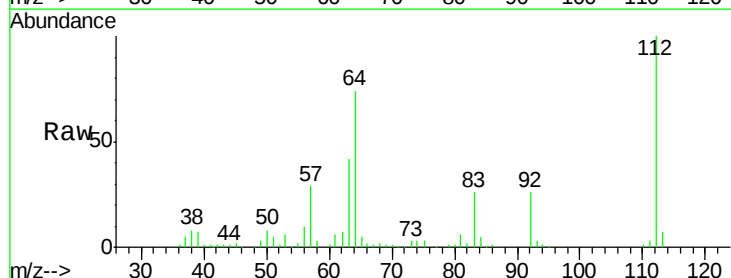
Tgt Ion:112 Resp: 70667

Ion Ratio Lower Upper

112 100

64 74.2 59.0 88.4

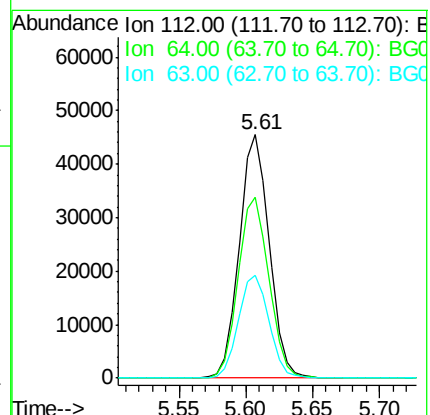
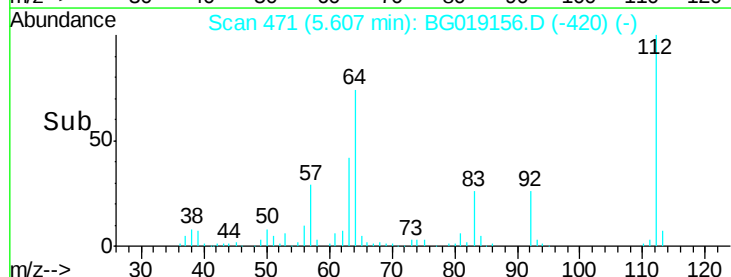
63 42.4 34.7 52.1



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: 49.65 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Instrument :

BNA_G

ClientSampled :

MW16

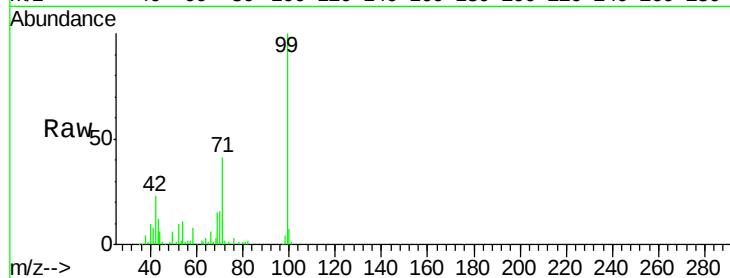
Tot Ion: 99 Resp: 71398

Ion Ratio Lower Upper

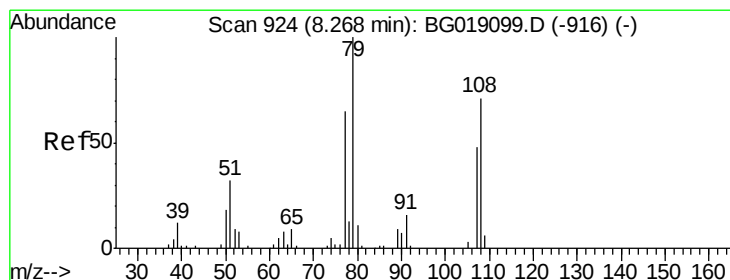
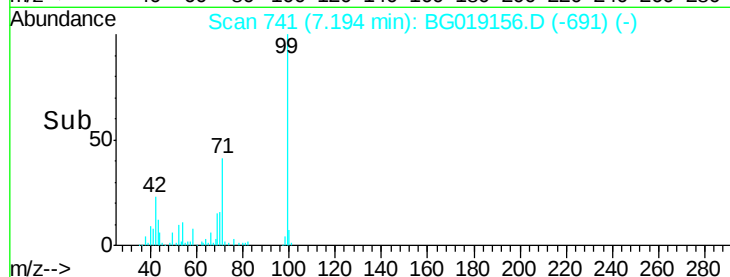
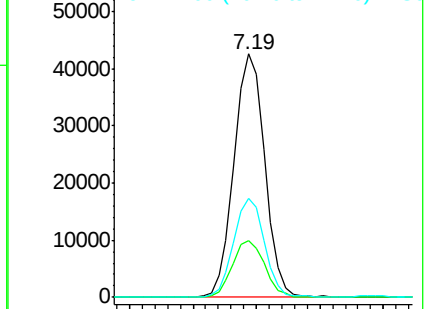
99 100

42 23.1 19.5 29.3

71 40.9 31.4 47.0



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



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.36 min Scan# 939

Delta R.T. 0.09 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

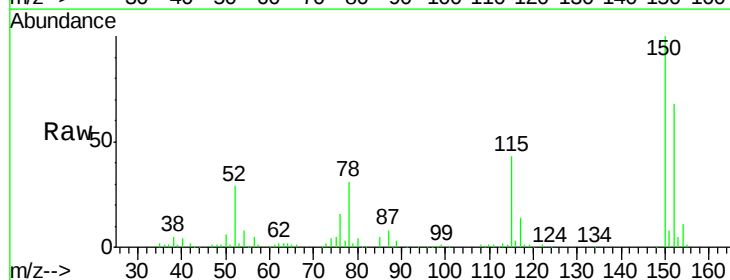
Tgt Ion: 79 Resp: 2577

Ion Ratio Lower Upper

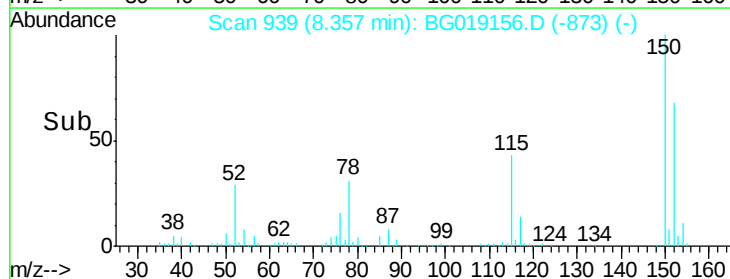
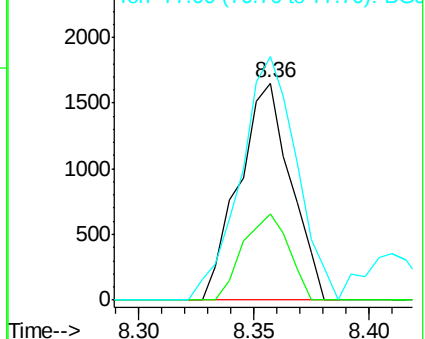
79 100

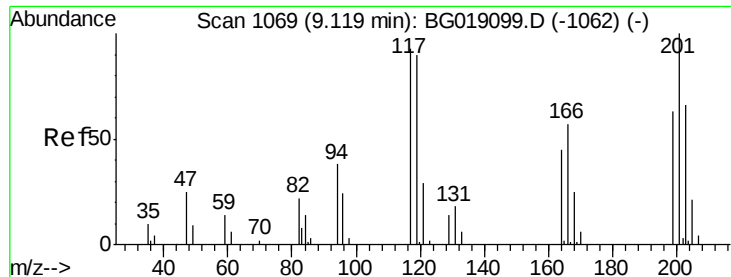
108 39.7 56.6 84.8#

77 112.2 51.6 77.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

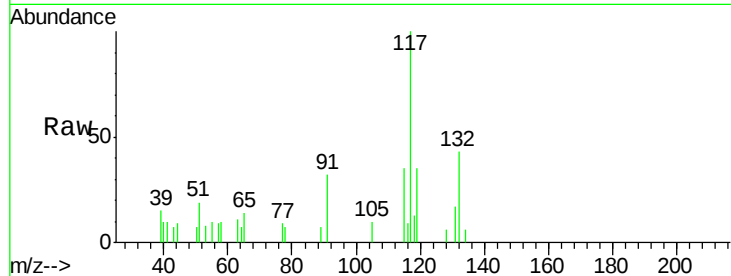




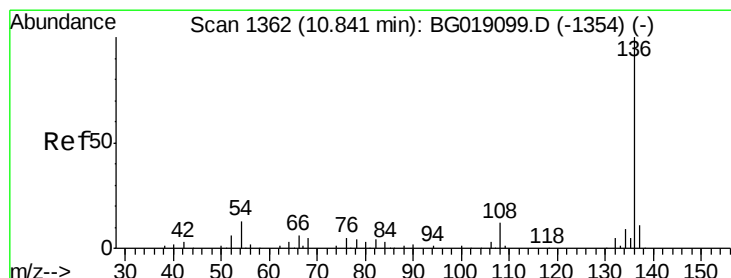
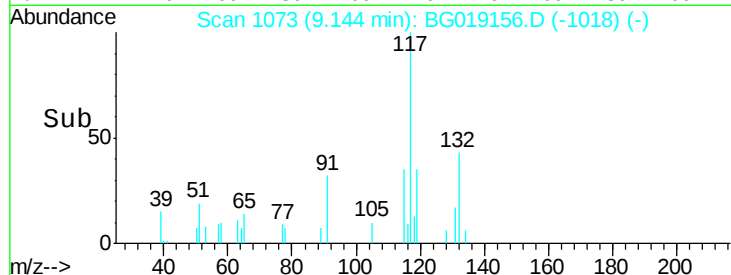
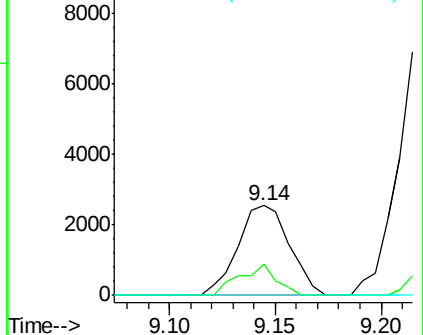
#18
Hexachloroethane
Concen: 8.59 ng
RT: 9.14 min Scan# 1073
Delta R.T. 0.02 min
Lab File: BG019156.D
Acq: 12 Oct 2015 11:08

Instrument :
BNA_G
ClientSampleId :
MW16

Tot Ion:117 Resp: 4297
Ion Ratio Lower Upper
117 100
119 34.9 77.0 115.4#
201 0.0 85.6 128.4#

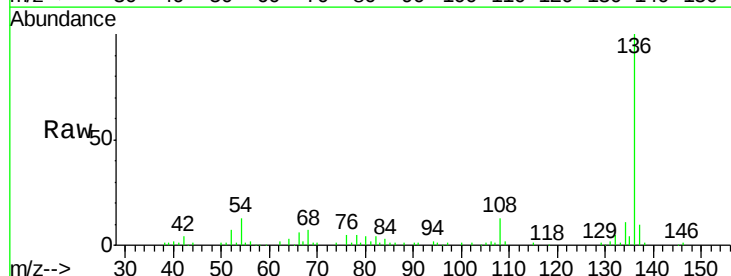


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

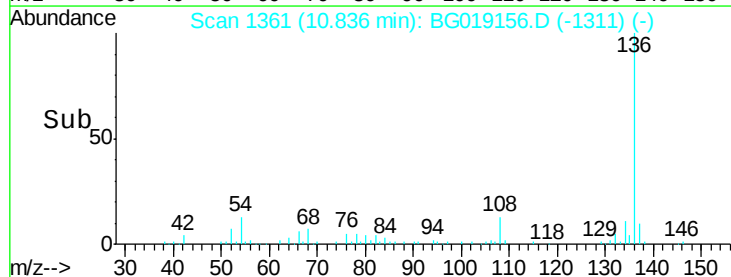
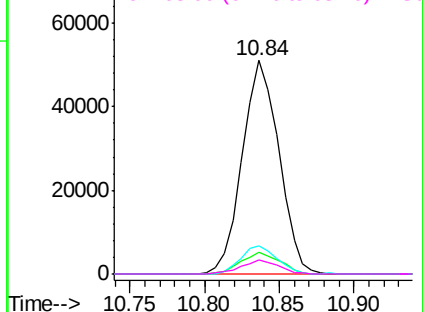


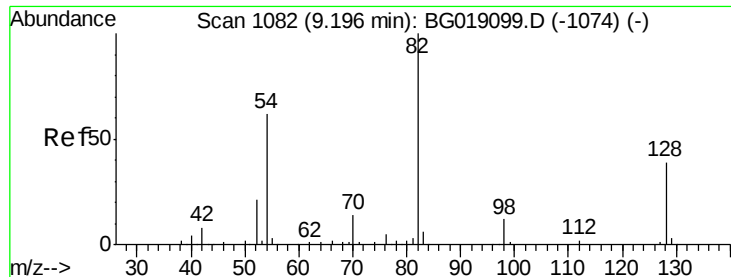
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG019156.D
Acq: 12 Oct 2015 11:08

Tgt Ion:136 Resp: 86807
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.4
54 13.3 10.1 15.1
68 6.5 4.4 6.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

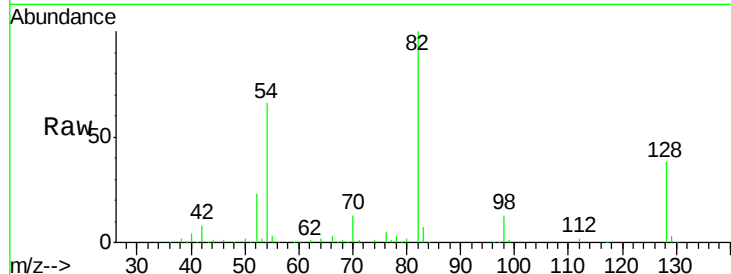




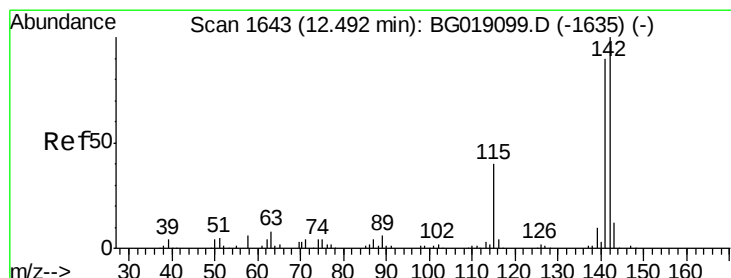
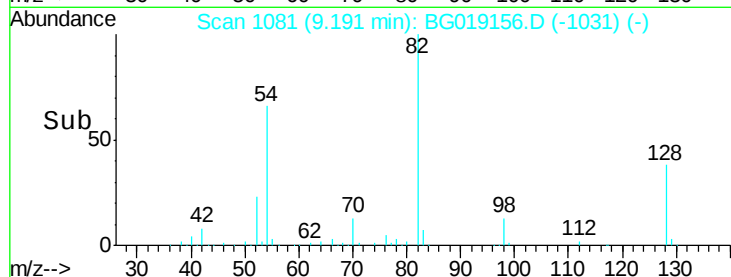
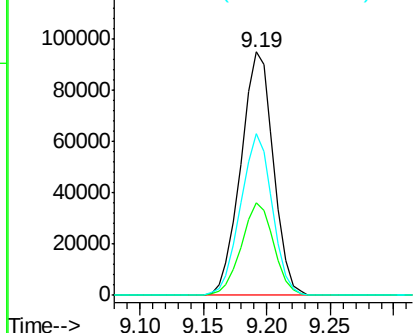
#23
Nitrobenzene-d5
Concen: 107.50 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019156.D
Acq: 12 Oct 2015 11:08

Instrument :
BNA_G
ClientSampleId :
MW16

Tot Ion	82	Resp	168890
Ion Ratio	100	Lower	Upper
128	38.3	31.4	47.2
54	66.3	50.0	75.0

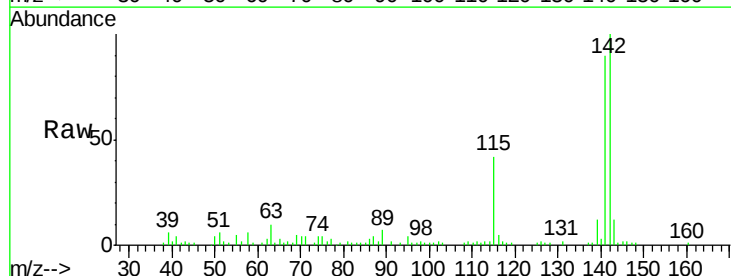


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

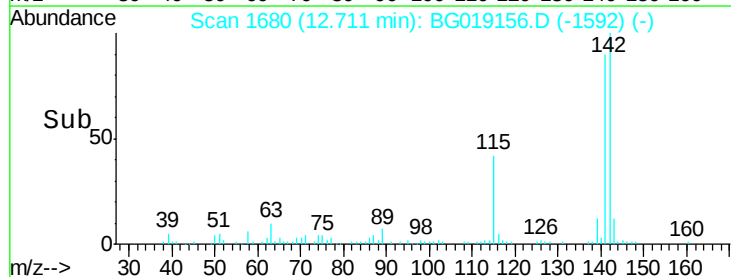
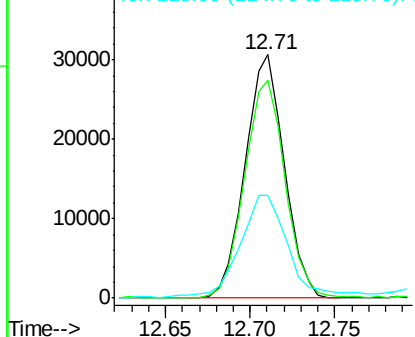


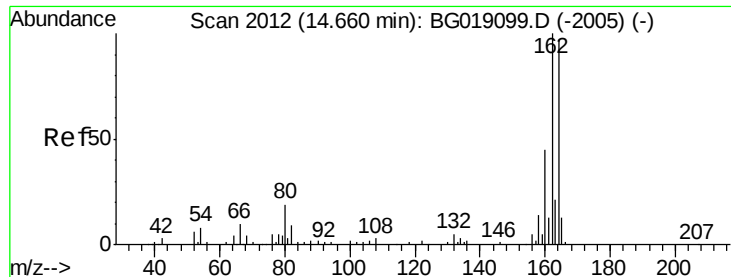
#37
2-Methylnaphthalene
Concen: 15.18 ng
RT: 12.71 min Scan# 1680
Delta R.T. 0.22 min
Lab File: BG019156.D
Acq: 12 Oct 2015 11:08

Tgt Ion	142	Resp	49273
Ion Ratio	100	Lower	Upper
141	89.5	72.1	108.1
115	42.5	31.8	47.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Instrument :

BNA_G

ClientSampleId :

MW16

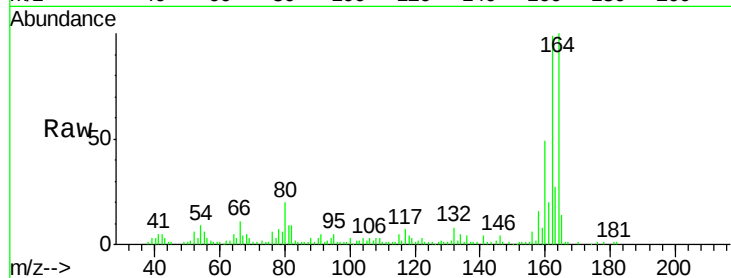
Tot Ion:164 Resp: 61052

Ion Ratio Lower Upper

164 100

162 99.5 82.6 124.0

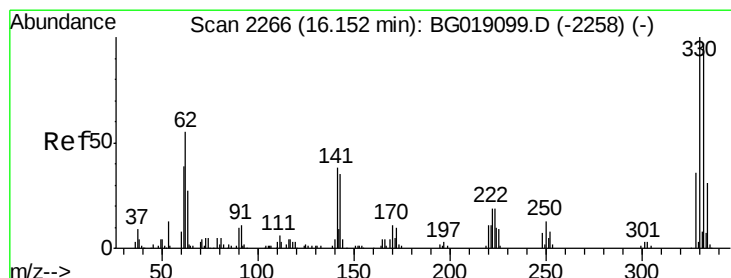
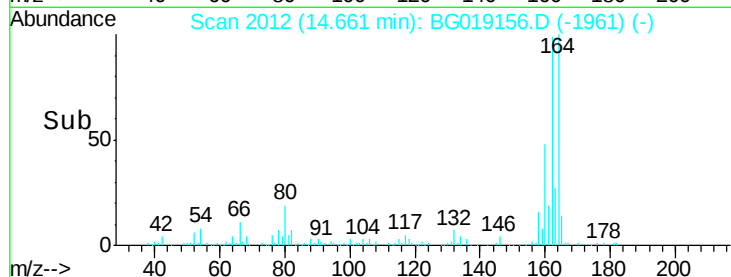
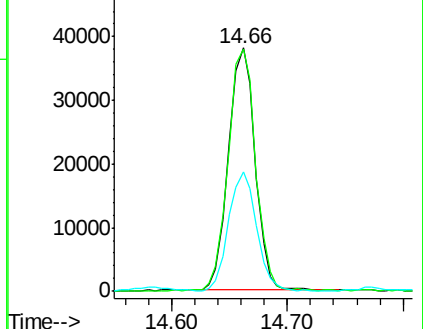
160 49.2 36.9 55.3



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: 150.30 ng

RT: 16.15 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

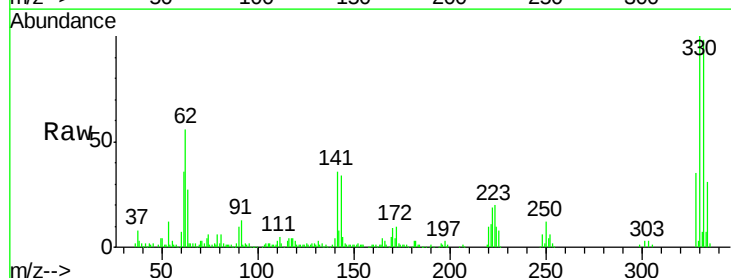
Tgt Ion:330 Resp: 125041

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

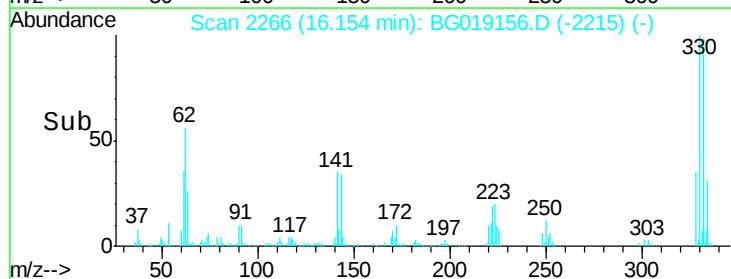
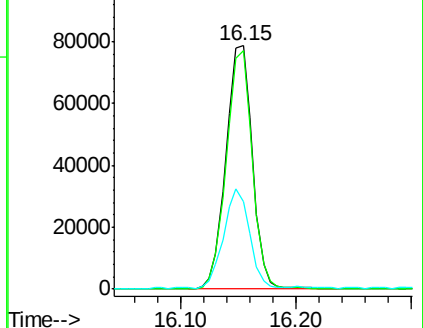
141 39.4 30.7 46.1

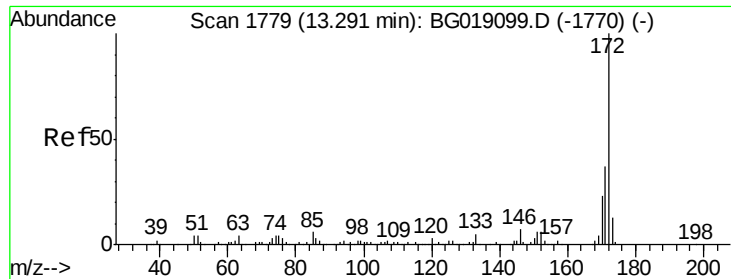


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

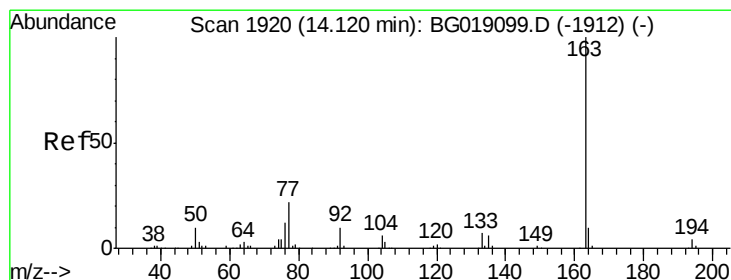
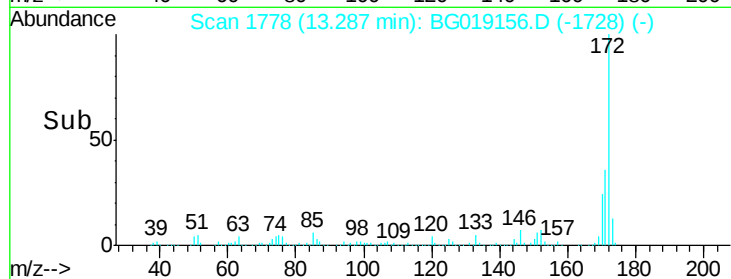
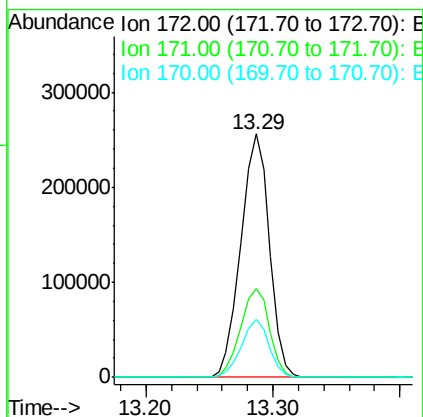
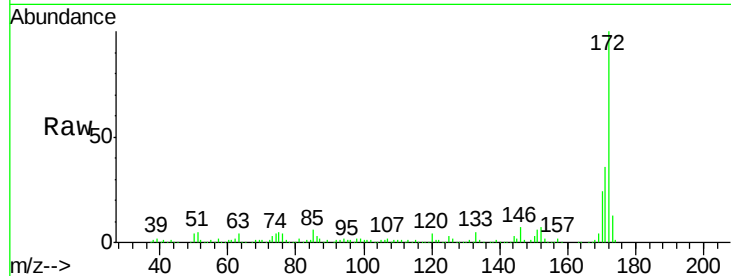




#44
2-Fluorobiphenyl
Concen: 100.56 ng
RT: 13.29 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG019156.D
Acq: 12 Oct 2015 11:08

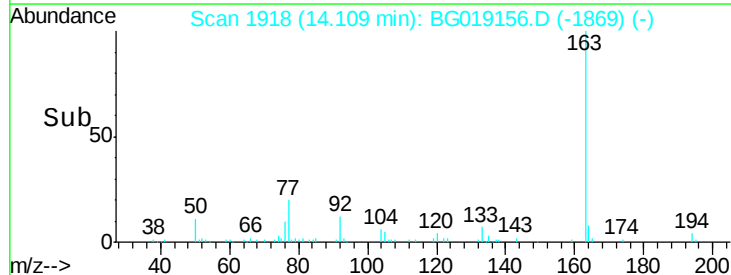
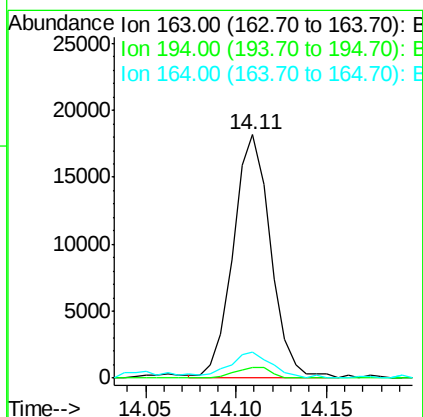
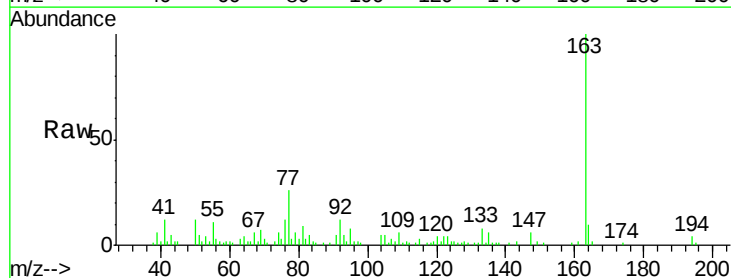
Instrument :
BNA_G
ClientSampleId :
MW16

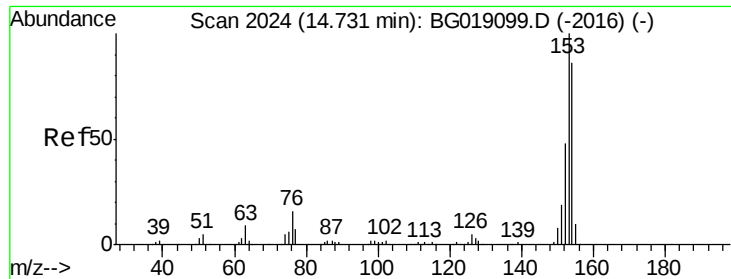
Tot Ion:172 Resp: 399264
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 23.9 18.6 27.8



#49
Dimethylphthalate
Concen: 5.42 ng
RT: 14.11 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG019156.D
Acq: 12 Oct 2015 11:08

Tgt Ion:163 Resp: 26129
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.4 8.1 12.1





#51

Acenaphthene

Concen: 4.02 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Instrument :

BNA_G

ClientSampleId :

MW16

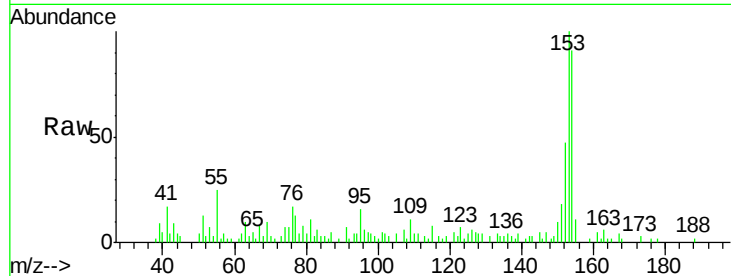
Tot Ion:154 Resp: 14535

Ion Ratio Lower Upper

154 100

153 109.3 93.4 140.2

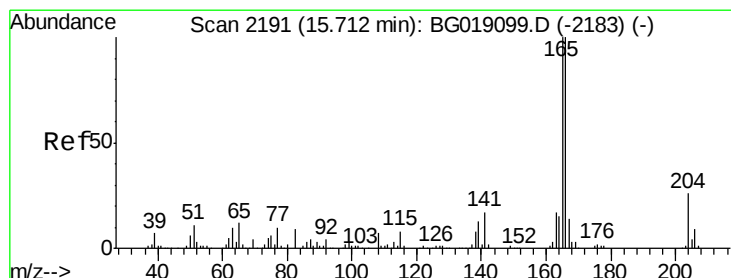
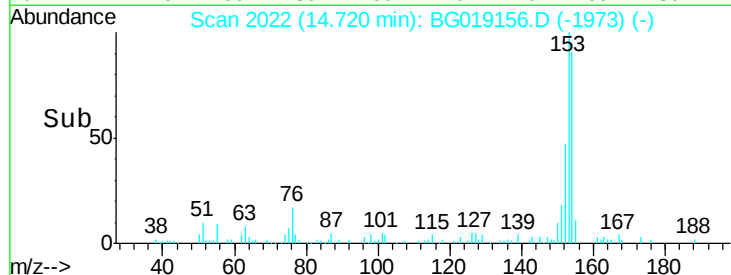
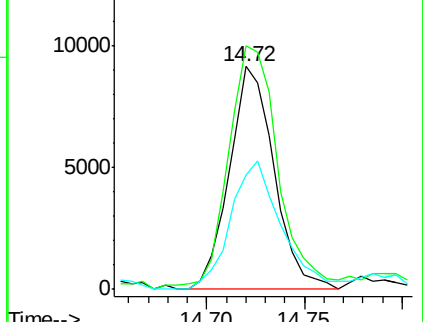
152 51.1 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 4.60 ng

RT: 15.71 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

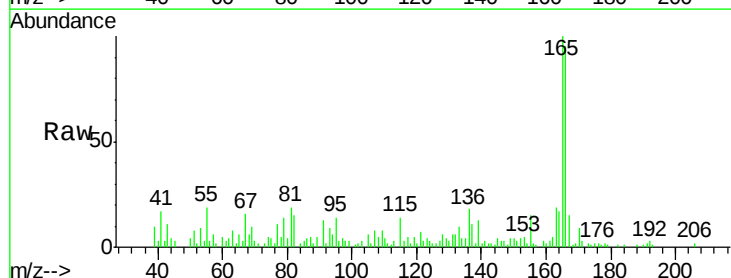
Tgt Ion:166 Resp: 21338

Ion Ratio Lower Upper

166 100

165 105.3 80.2 120.2

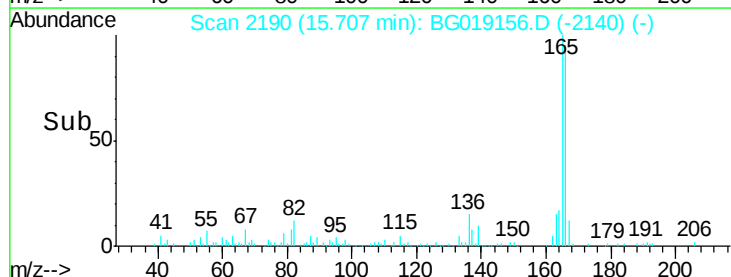
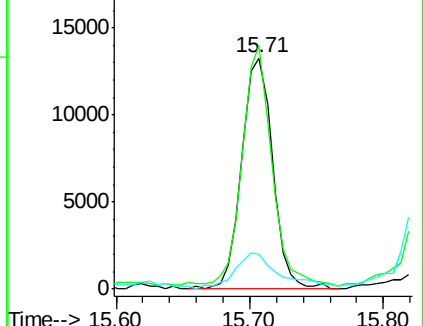
167 15.3 11.4 17.0

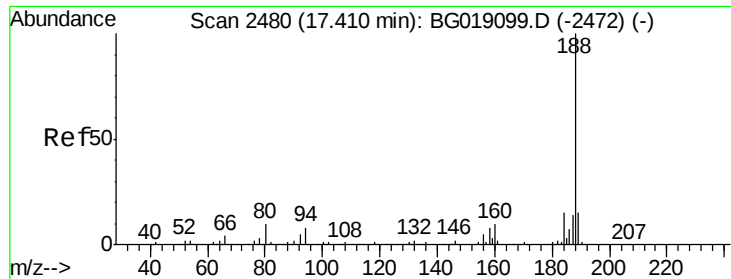


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.41 min Scan# 2479

Delta R.T. -0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Instrument :

BNA_G

ClientSampleId :

MW16

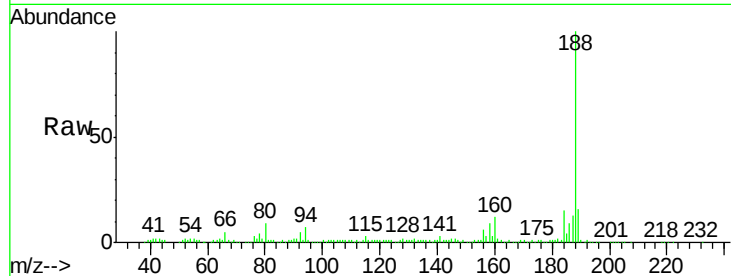
Tot Ion:188 Resp: 137950

Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

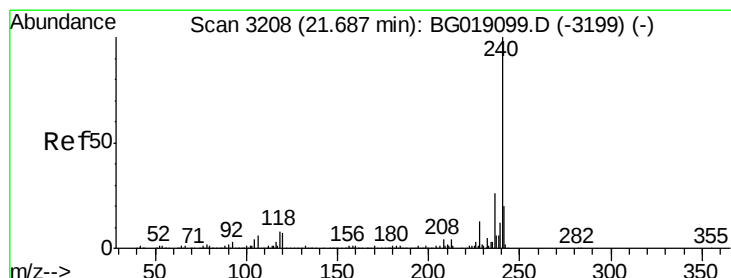
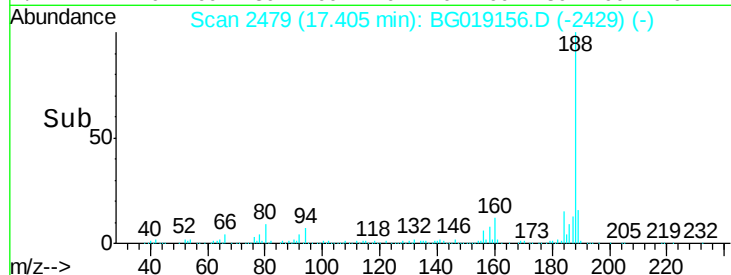
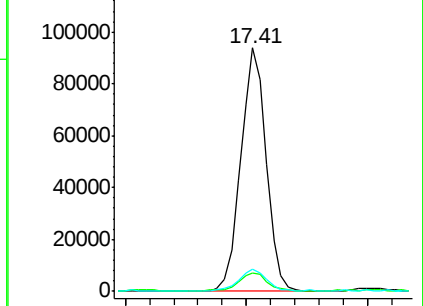
80 9.2 7.6 11.4



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: 21.68 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

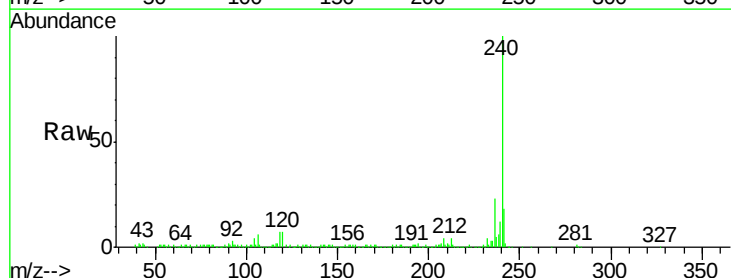
Tgt Ion:240 Resp: 160340

Ion Ratio Lower Upper

240 100

120 6.7 5.8 8.6

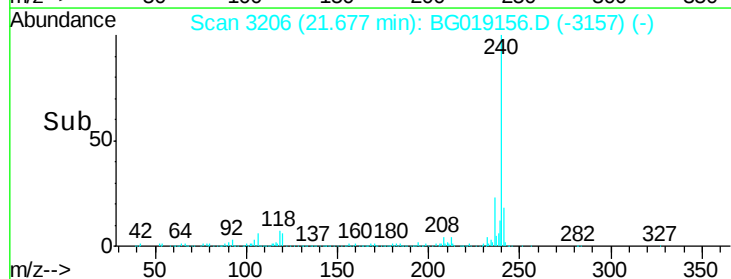
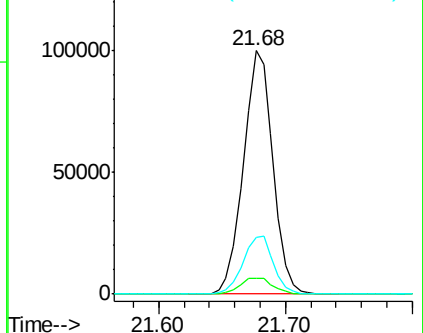
236 23.5 21.2 31.8

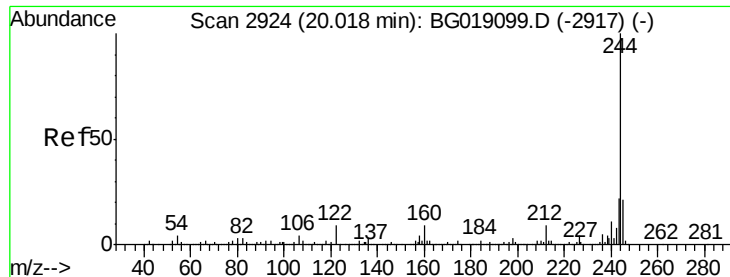


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.48 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Instrument :

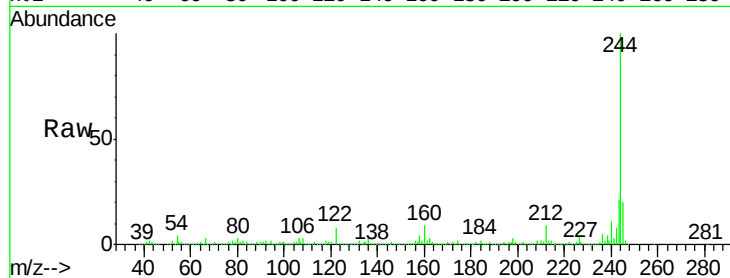
BNA_G

ClientSampled :

MW16

Tot Ion:244 Resp: 549191

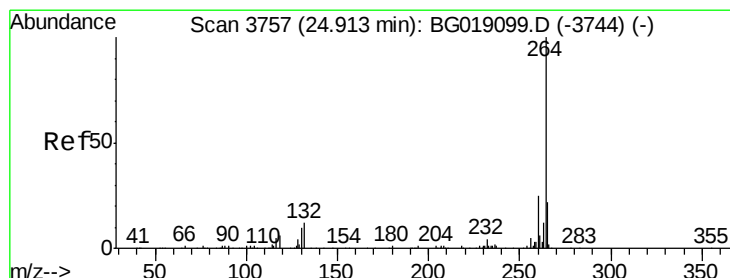
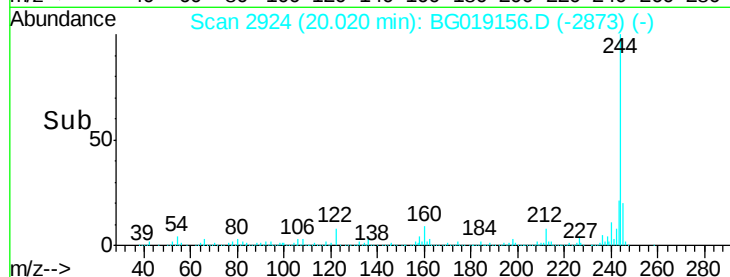
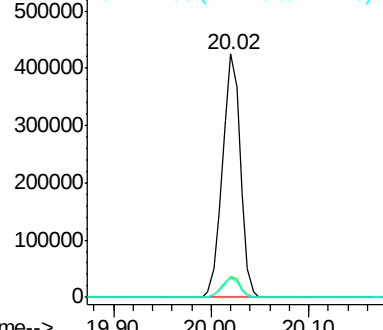
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.8	10.2
122	8.1	7.4	11.2



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: 24.91 min Scan# 3756

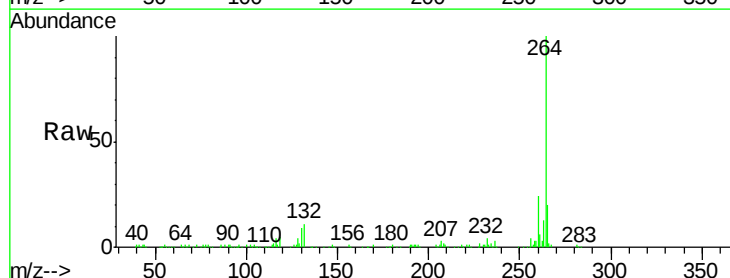
Delta R.T. -0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Tgt Ion:264 Resp: 157510

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	19.7	17.2	25.8



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

