

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019158.D
 Acq On : 12 Oct 2015 12:24
 Operator : UM/NP
 Sample : G3989-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C2-GW

Quant Time: Oct 13 01:22:36 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

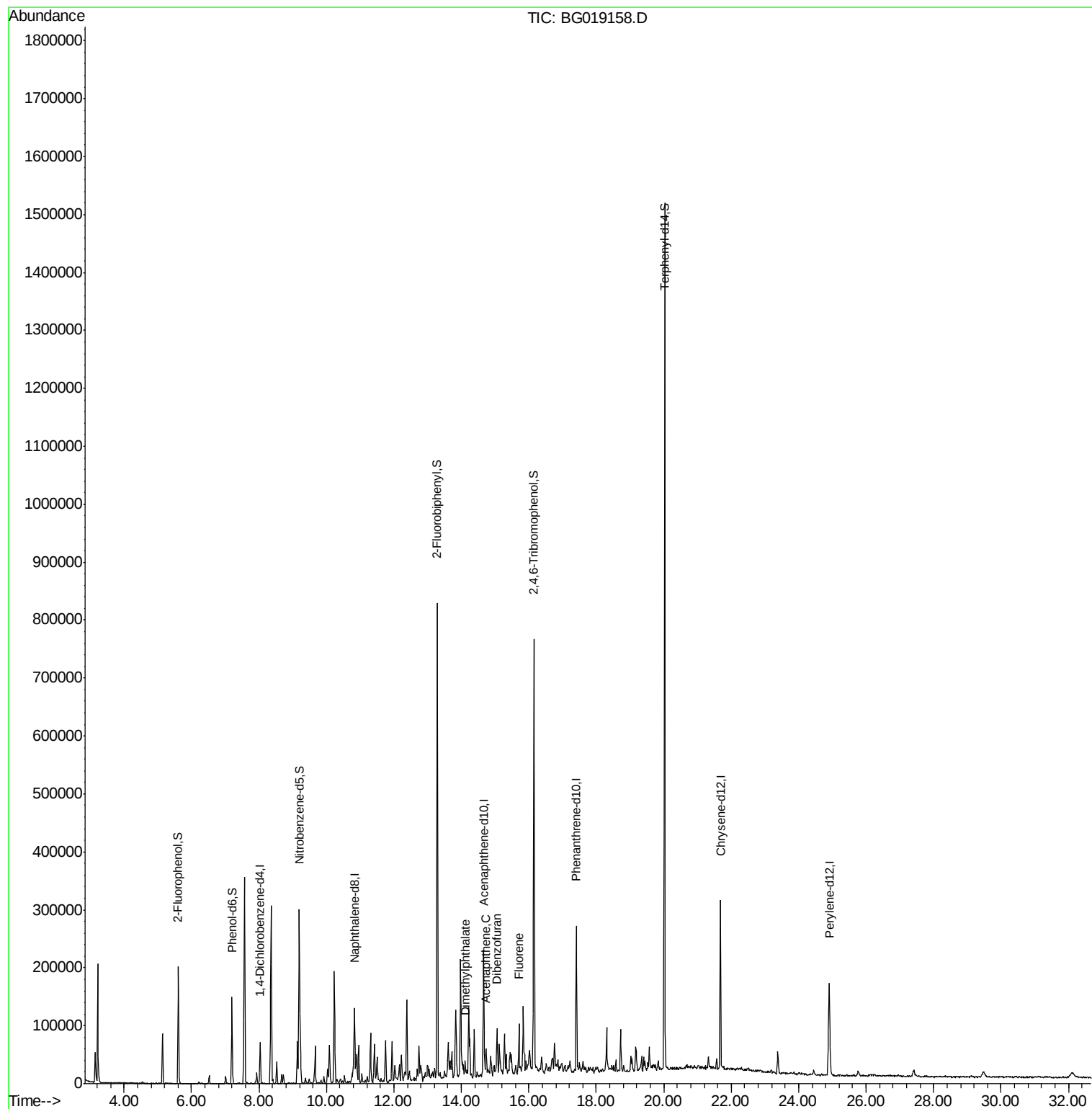
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19206	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	86800	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	66981	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	147926	20.00	ng	0.00
75) Chrysene-d12	21.68	240	173160	20.00	ng	0.00
86) Perylene-d12	24.91	264	171128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	73839	78.28	ng	0.00
7) Phenol-d6	7.20	99	75693	52.23	ng	0.00
23) Nitrobenzene-d5	9.20	82	169260	107.74	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	136492	149.54	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	407277	93.50	ng	0.00
78) Terphenyl-d14	20.02	244	635994	97.02	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.11	163	16606	3.14	ng	99
51) Acenaphthene	14.72	154	14571	3.67	ng	97
54) Dibenzofuran	15.05	168	18423	3.14	ng	# 88
57) Fluorene	15.71	166	31938	6.28	ng	# 94

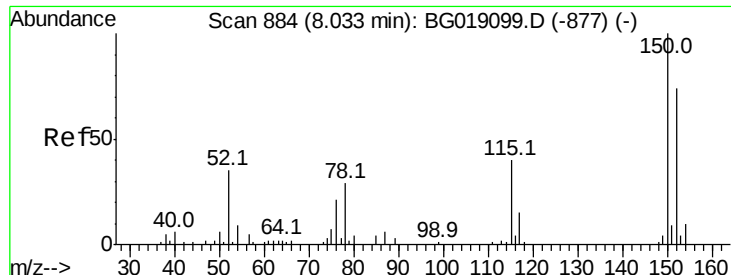
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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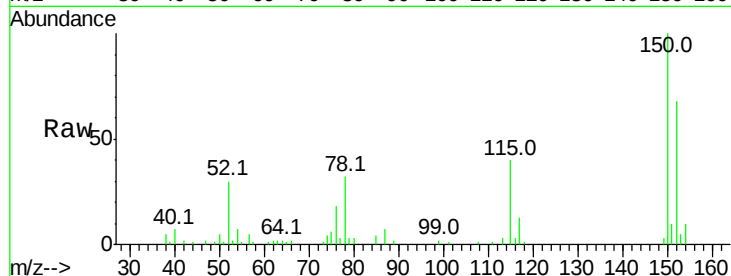


#1

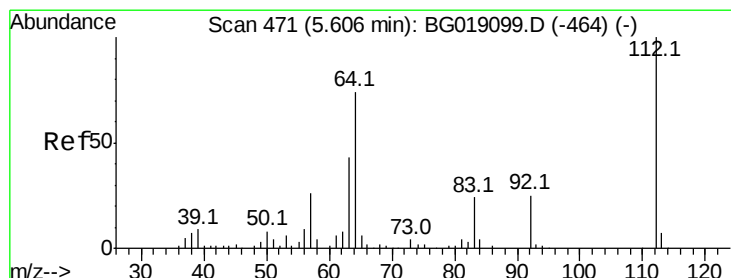
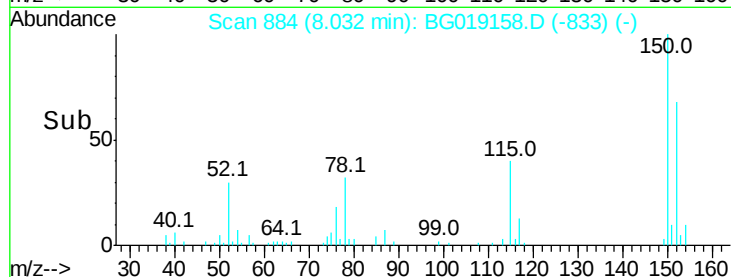
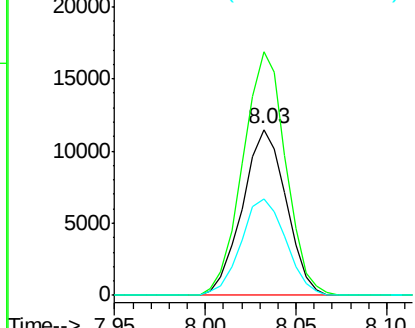
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG019158.D
 Acq: 12 Oct 2015 12:24

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C2-GW

Tot Ion:152 Resp: 19206
 Ion Ratio Lower Upper
 152 100
 150 146.6 108.2 162.2
 115 58.3 43.2 64.8



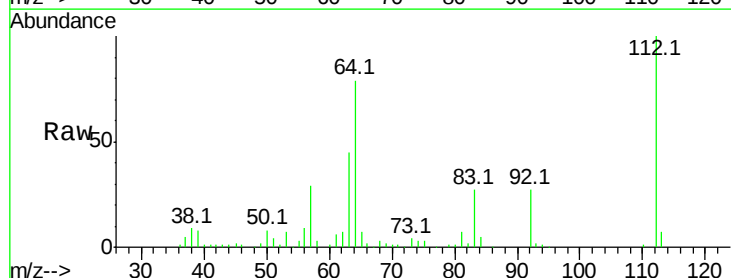
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



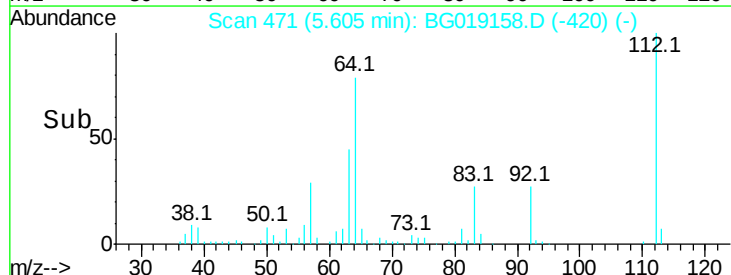
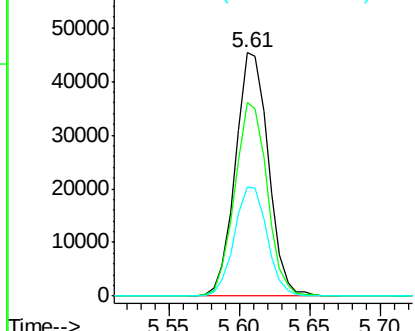
#5

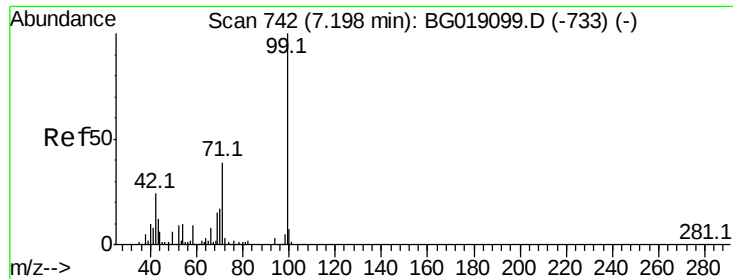
2-Fluorophenol
 Concen: 78.28 ng
 RT: 5.61 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BG019158.D
 Acq: 12 Oct 2015 12:24

Tgt Ion:112 Resp: 73839
 Ion Ratio Lower Upper
 112 100
 64 79.5 59.0 88.4
 63 44.9 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 52.23 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019158.D

Acq: 12 Oct 2015 12:24

Instrument :

BNA_G

ClientSampleId :

OW1-C2-GW

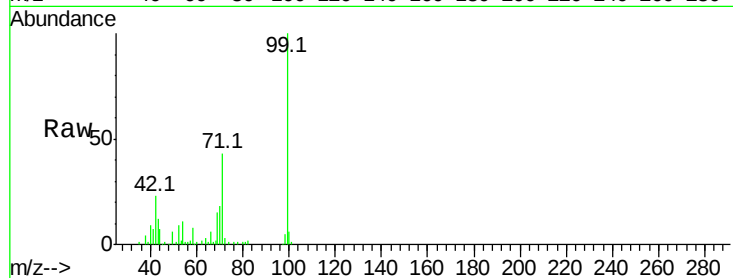
Tot Ion: 99 Resp: 75693

Ion Ratio Lower Upper

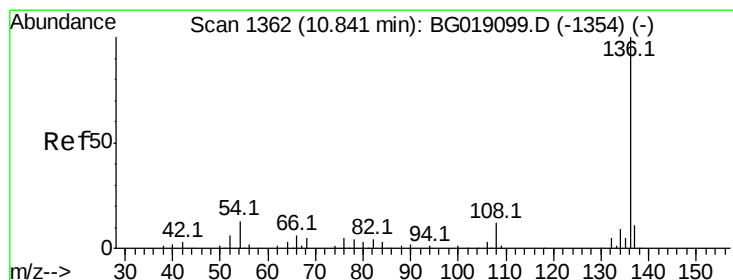
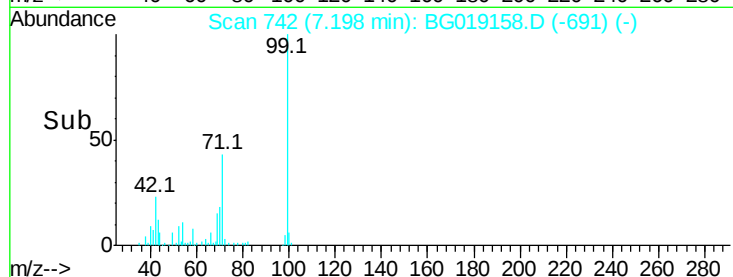
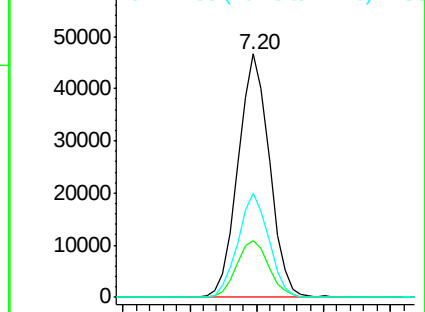
99 100

42 23.1 19.5 29.3

71 42.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019158.D

Acq: 12 Oct 2015 12:24

Tgt Ion: 136 Resp: 86800

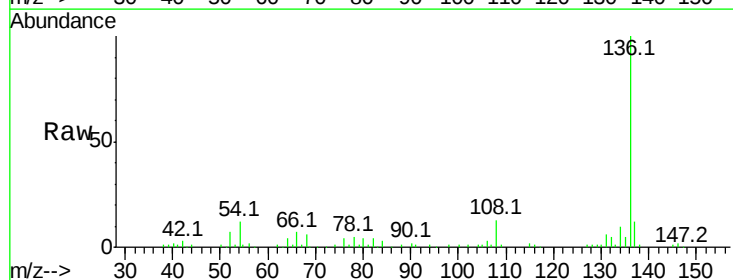
Ion Ratio Lower Upper

136 100

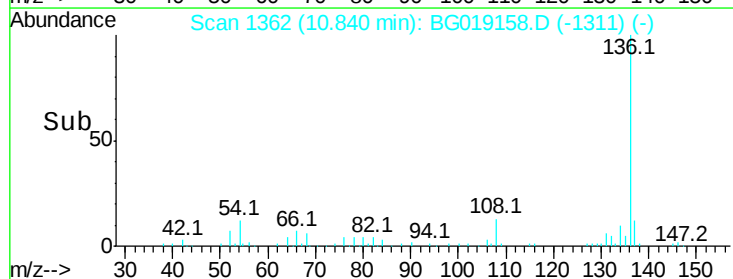
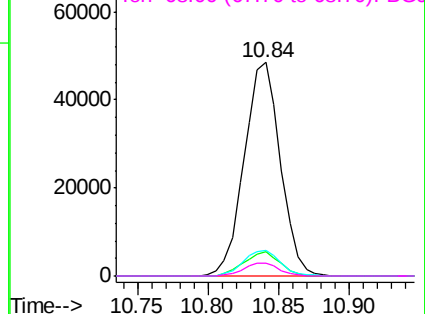
137 11.6 9.0 13.4

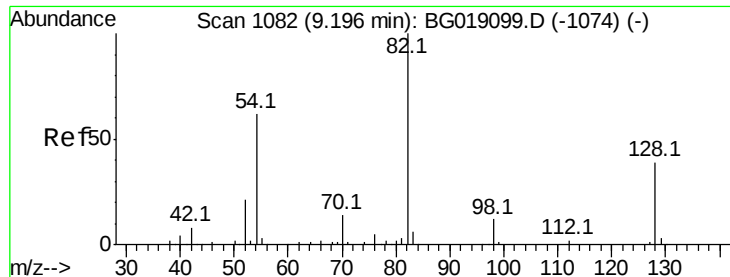
54 12.0 10.1 15.1

68 5.9 4.4 6.6



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

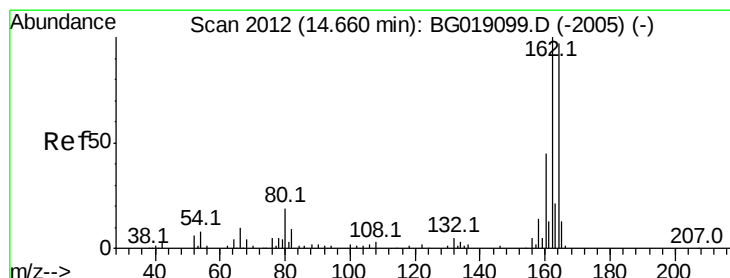
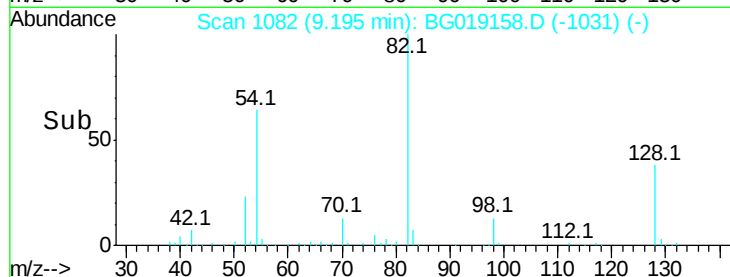
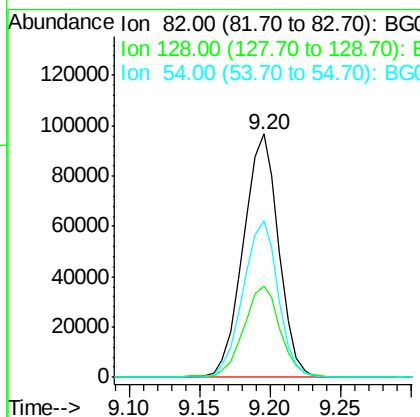
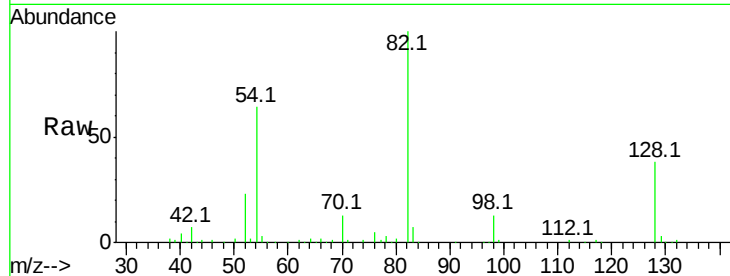




#23
Nitrobenzene-d5
Concen: 107.74 ng
RT: 9.20 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

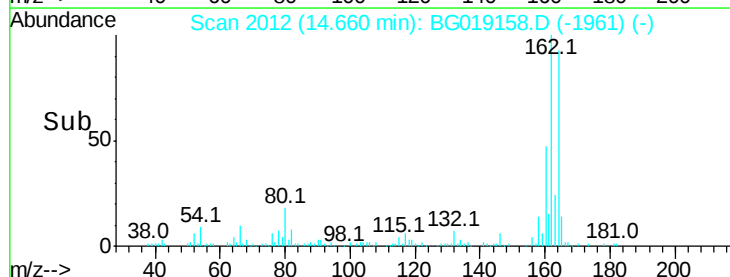
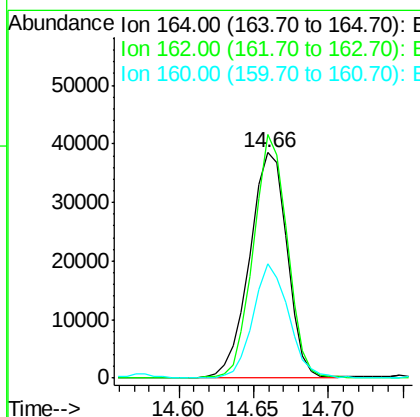
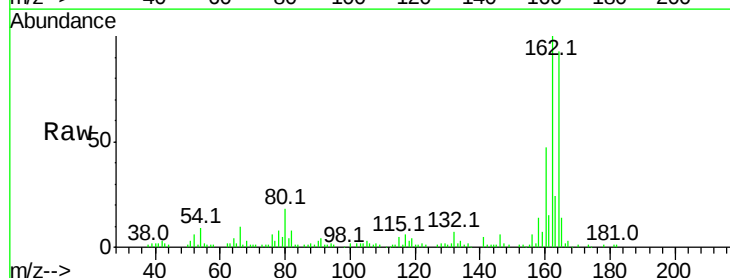
Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

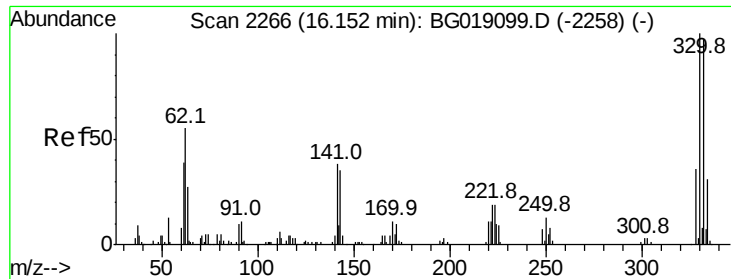
Tot Ion: 82 Resp: 169260
Ion Ratio Lower Upper
82 100
128 37.7 31.4 47.2
54 64.3 50.0 75.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:164 Resp: 66981
Ion Ratio Lower Upper
164 100
162 108.1 82.6 124.0
160 50.7 36.9 55.3

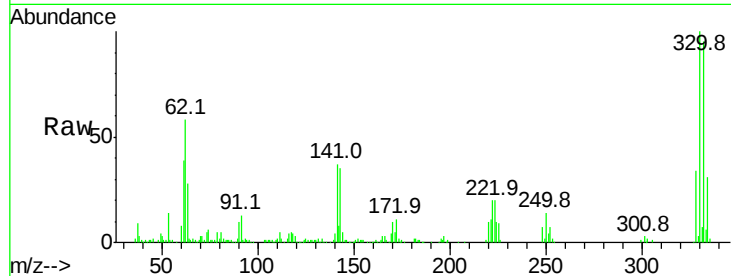




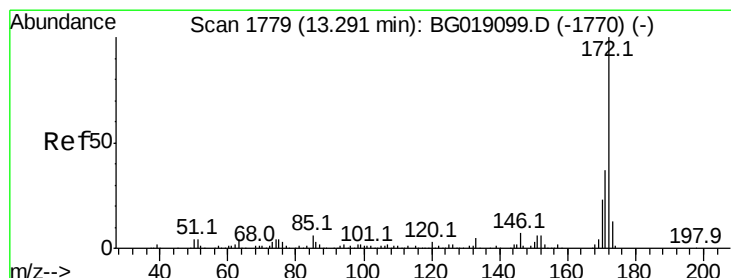
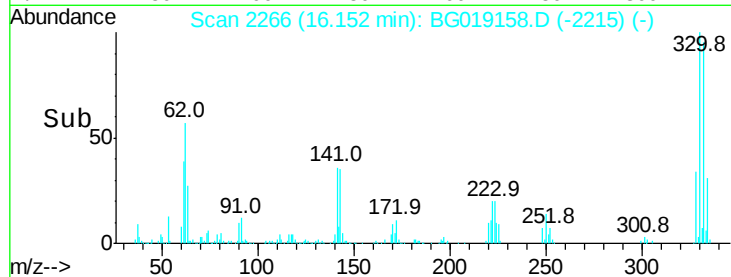
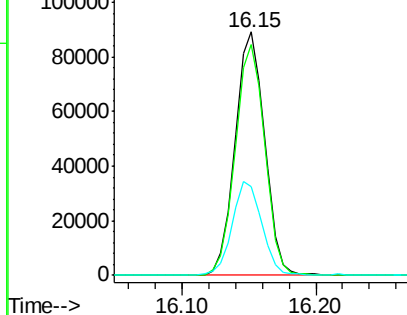
#41
 2,4,6-Tribromophenol
 Concen: 149.54 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019158.D
 Acq: 12 Oct 2015 12:24

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C2-GW

Tot Ion:330 Resp: 136492
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 38.4 30.7 46.1

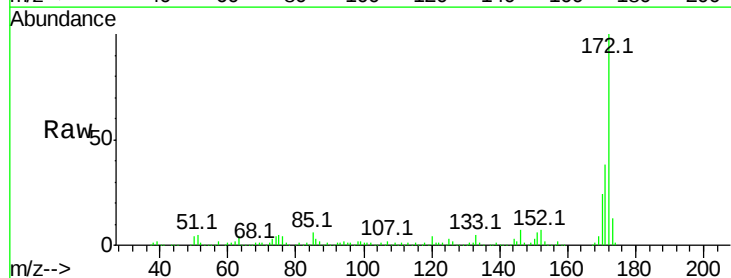


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

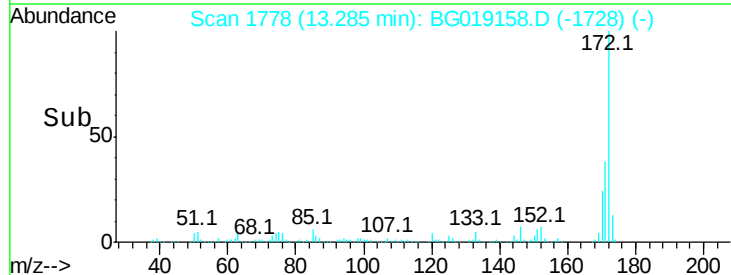
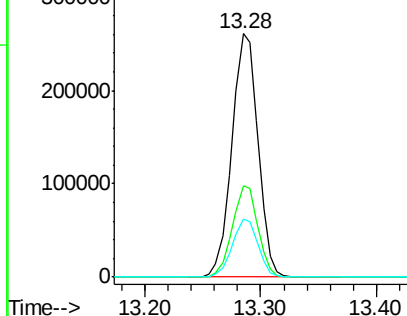


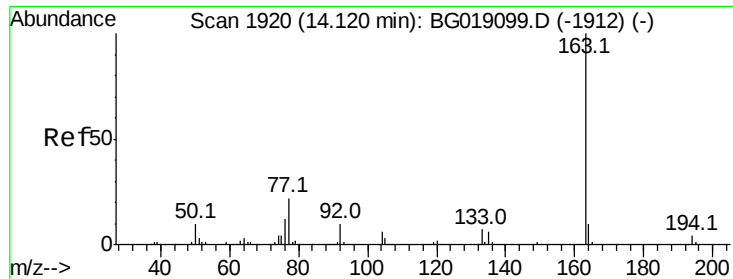
#44
 2-Fluorobiphenyl
 Concen: 93.50 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019158.D
 Acq: 12 Oct 2015 12:24

Tgt Ion:172 Resp: 407277
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.9 44.9
 170 23.7 18.6 27.8



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





#49

Dimethylphthalate

Concen: 3.14 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019158.D

Acq: 12 Oct 2015 12:24

Instrument :

BNA_G

ClientSampleId :

OW1-C2-GW

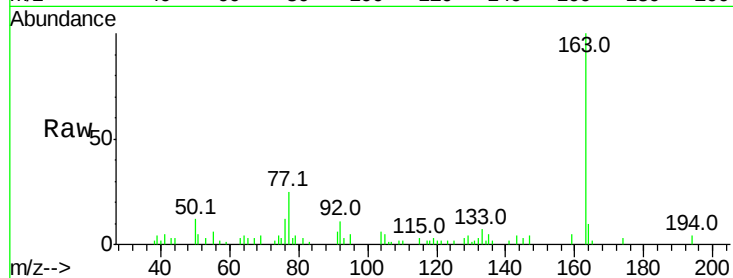
Tot Ion:163 Resp: 16606

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

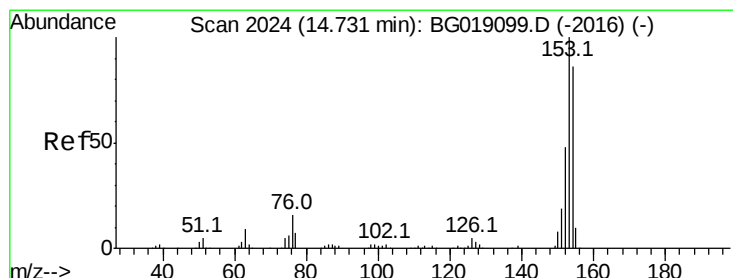
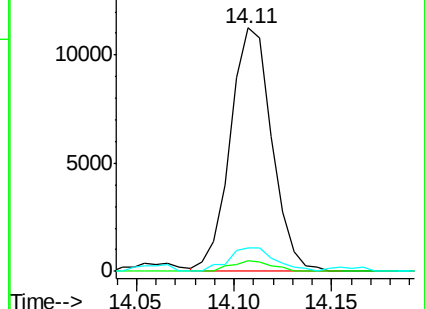
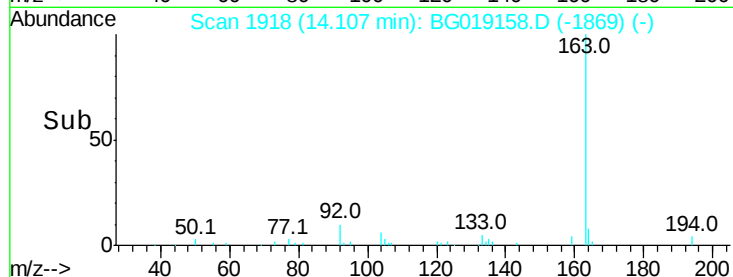
164 9.7 8.1 12.1



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



#51

Acenaphthene

Concen: 3.67 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019158.D

Acq: 12 Oct 2015 12:24

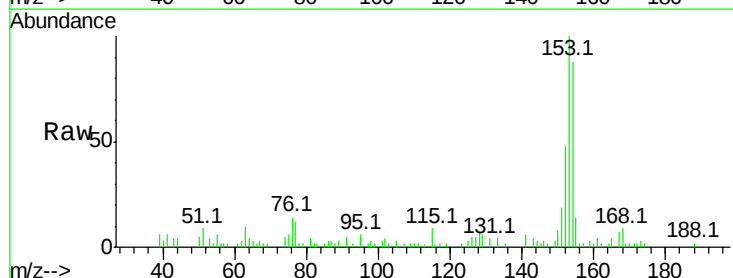
Tgt Ion:154 Resp: 14571

Ion Ratio Lower Upper

154 100

153 113.0 93.4 140.2

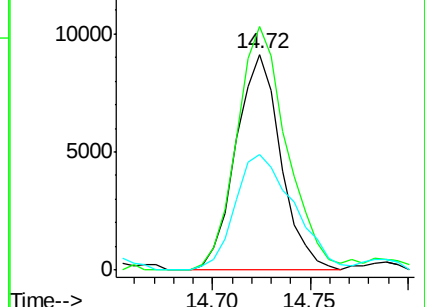
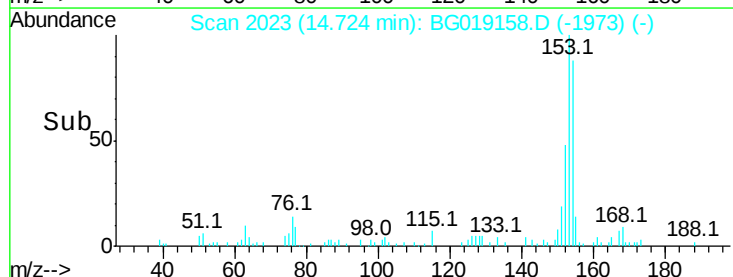
152 53.7 44.9 67.3

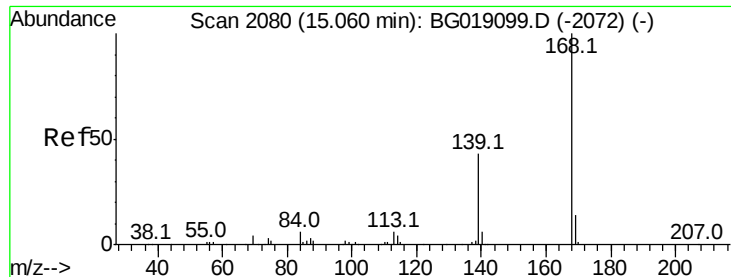


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 3.14 ng

RT: 15.05 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG019158.D

Acq: 12 Oct 2015 12:24

Instrument :

BNA_G

ClientSampleId :

OW1-C2-GW

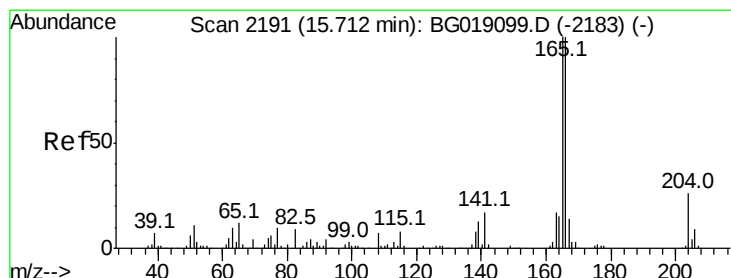
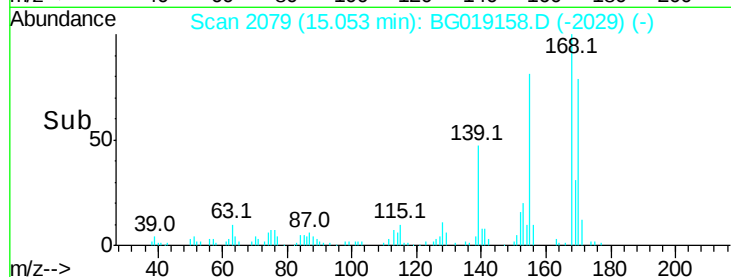
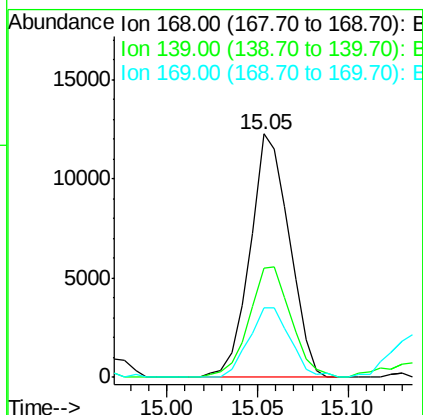
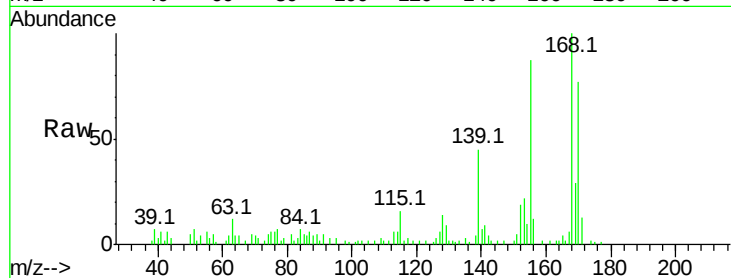
Tot Ion:168 Resp: 18423

Ion Ratio Lower Upper

168 100

139 45.0 34.2 51.4

169 28.8 11.4 17.0#



#57

Fluorene

Concen: 6.28 ng

RT: 15.71 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG019158.D

Acq: 12 Oct 2015 12:24

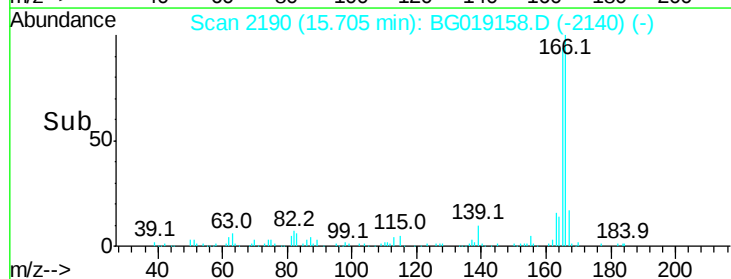
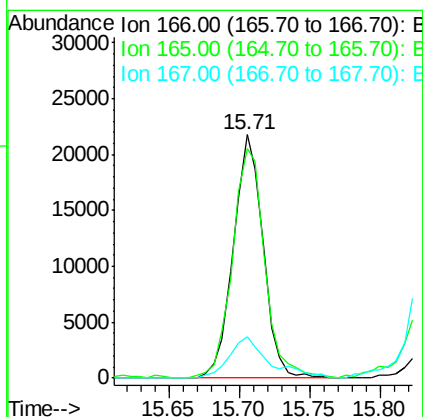
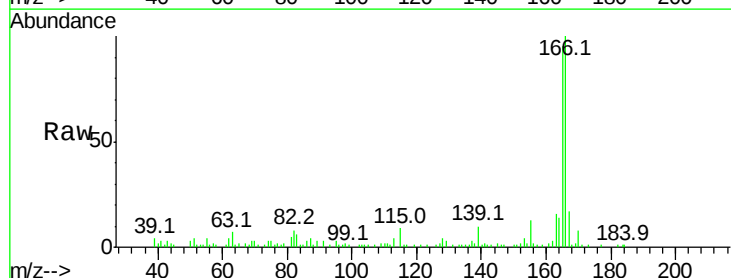
Tgt Ion:166 Resp: 31938

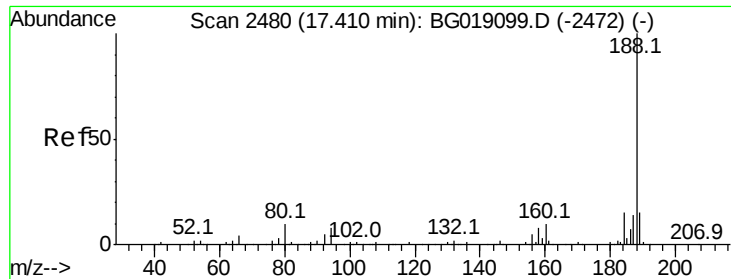
Ion Ratio Lower Upper

166 100

165 94.5 80.2 120.2

167 17.1 11.4 17.0#

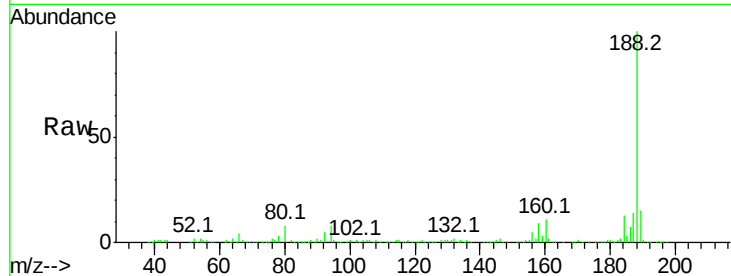




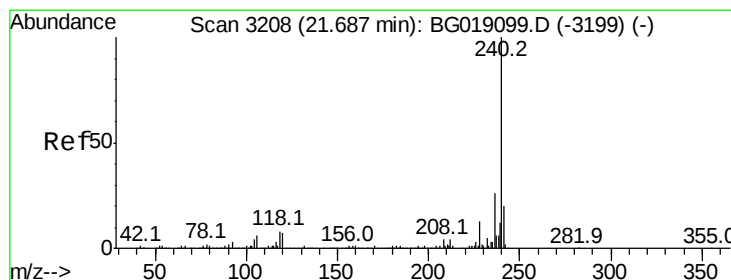
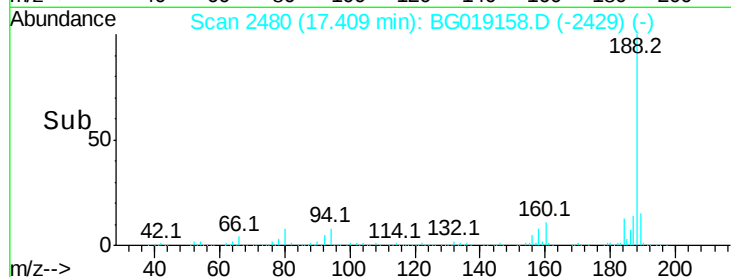
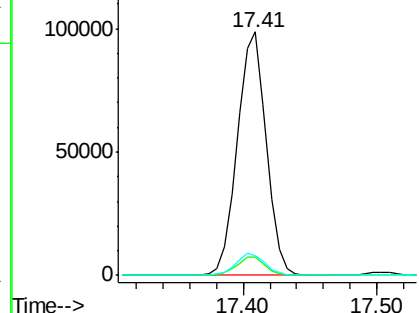
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tot Ion:188 Resp: 147926
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.0 7.6 11.4

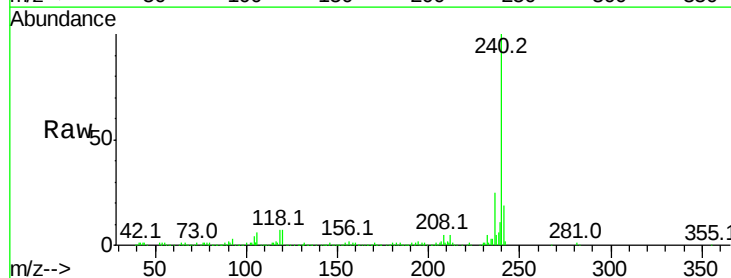


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

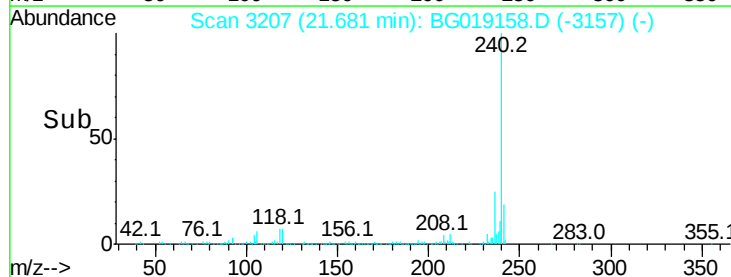
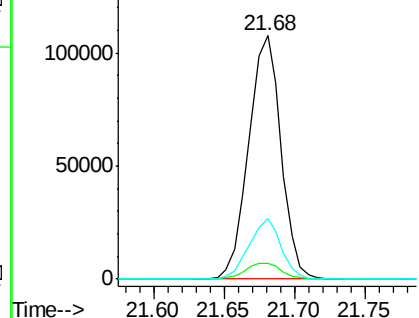


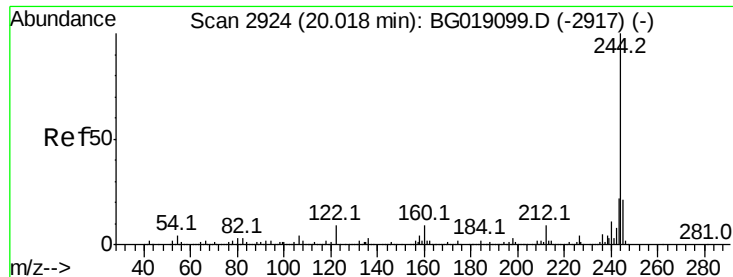
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:240 Resp: 173160
Ion Ratio Lower Upper
240 100
120 6.7 5.8 8.6
236 24.9 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: 97.02 ng

RT: 20.02 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BG019158.D

Acq: 12 Oct 2015 12:24

Instrument :

BNA_G

ClientSampleId :

OW1-C2-GW

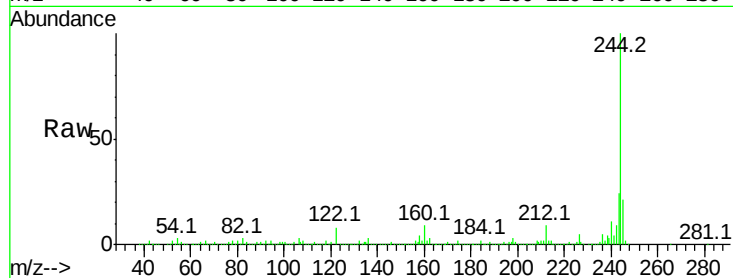
Tot Ion:244 Resp: 635994

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.8	10.2
122	7.9	7.4	11.2

244 100

212 8.8 6.8 10.2

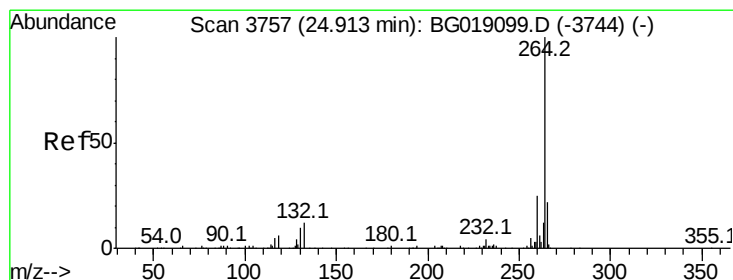
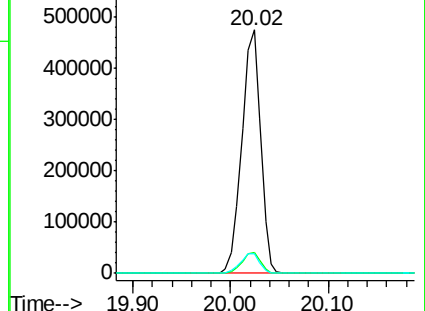
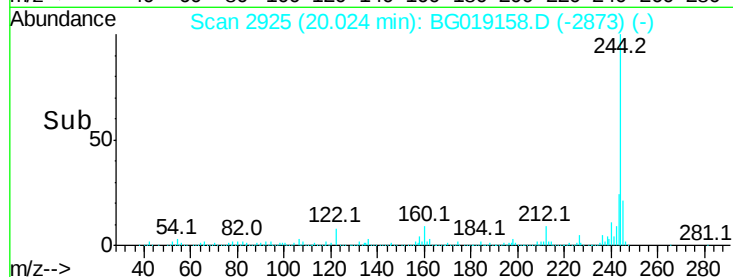
122 7.9 7.4 11.2



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. -0.01 min

Lab File: BG019158.D

Acq: 12 Oct 2015 12:24

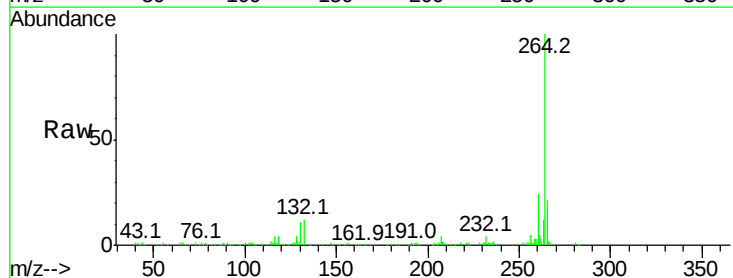
Tgt Ion:264 Resp: 171128

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.2	17.2	25.8

264 100

260 23.8 20.1 30.1

265 21.2 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

