

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019160.D
 Acq On : 12 Oct 2015 13:40
 Operator : UM/NP
 Sample : G3989-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C5-GW

Quant Time: Oct 13 01:29:54 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

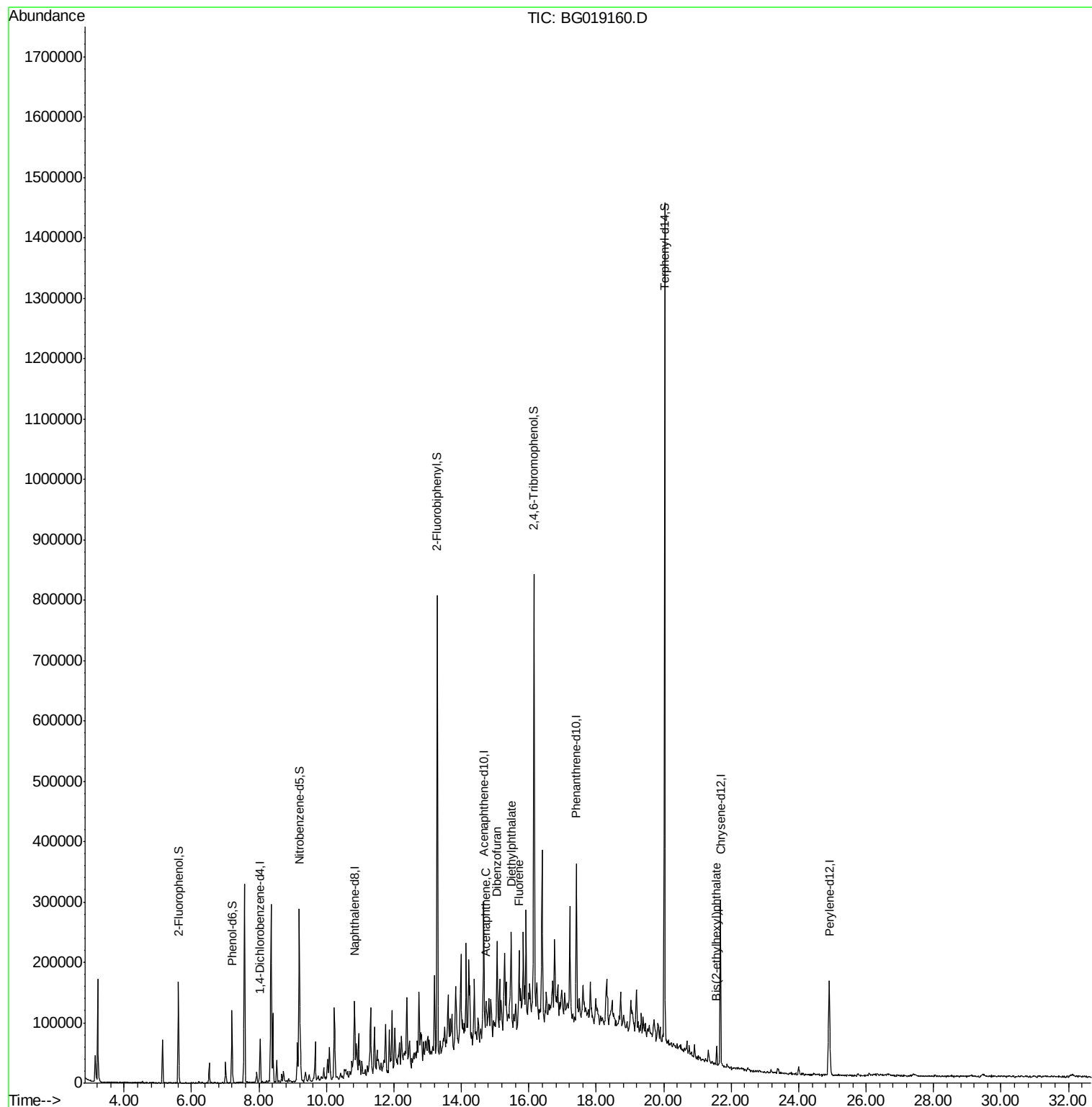
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19000	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	85758	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	62577	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	139184	20.00	ng	0.00
75) Chrysene-d12	21.68	240	166994	20.00	ng	0.00
86) Perylene-d12	24.91	264	170187	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	62197	66.65	ng	0.00
7) Phenol-d6	7.20	99	60405	42.14	ng	0.00
23) Nitrobenzene-d5	9.19	82	160756	103.57	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	126515	148.36	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	389213	95.64	ng	0.00
78) Terphenyl-d14	20.02	244	600055	94.92	ng	0.00
Target Compounds						Qvalue
51) Acenaphthene	14.72	154	16176	4.36	ng	98
54) Dibenzofuran	15.06	168	20247	3.70	ng	# 70
57) Fluorene	15.71	166	42714	8.99	ng	99
59) Diethylphthalate	15.48	149	39060	7.61	ng	95
83) Bis(2-ethylhexyl)phthalate	21.57	149	12456	2.35	ng	91

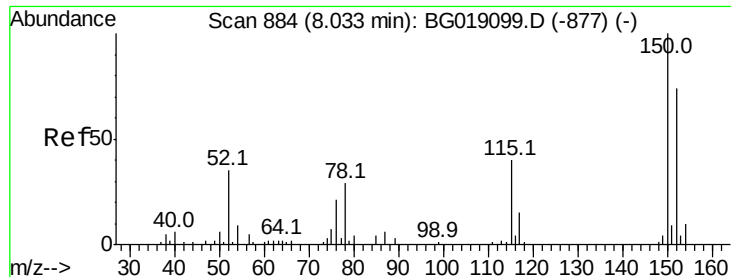
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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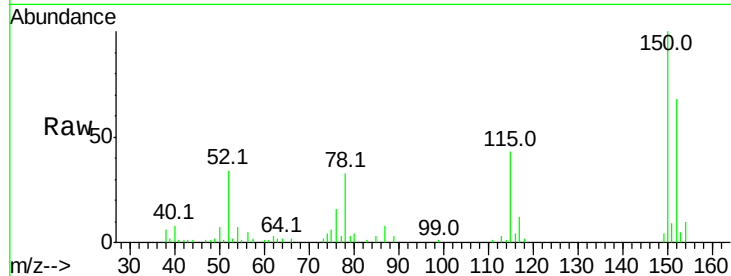


#1

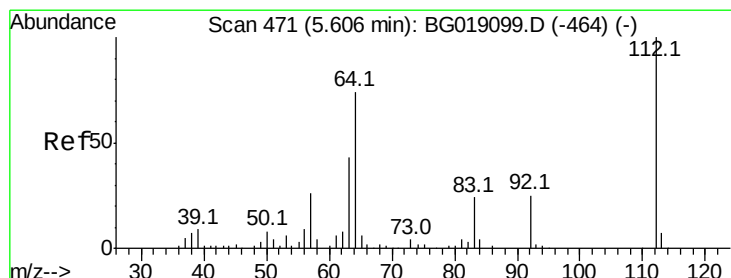
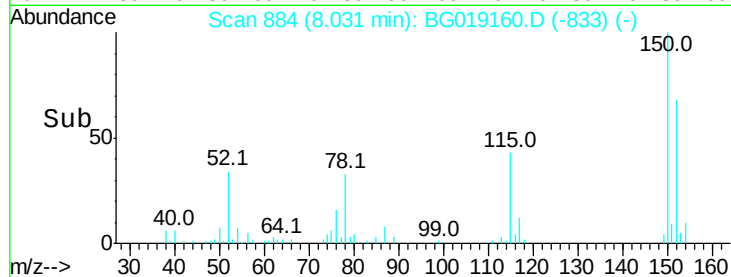
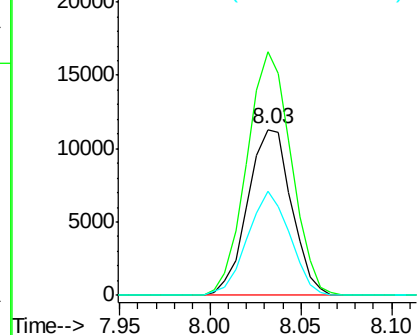
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019160.D
Acq: 12 Oct 2015 13:40

Instrument :
BNA_G
ClientSampleId :
OW1-C5-GW

Tot Ion:152 Resp: 19000
Ion Ratio Lower Upper
152 100
150 146.9 108.2 162.2
115 62.5 43.2 64.8



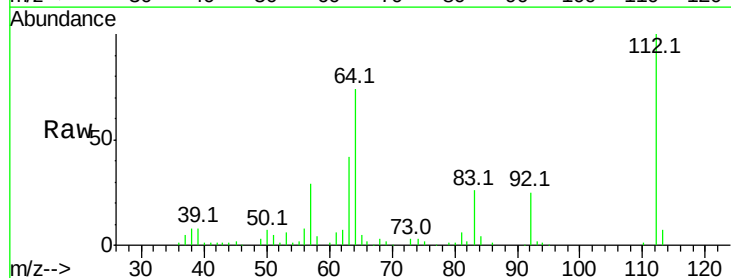
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



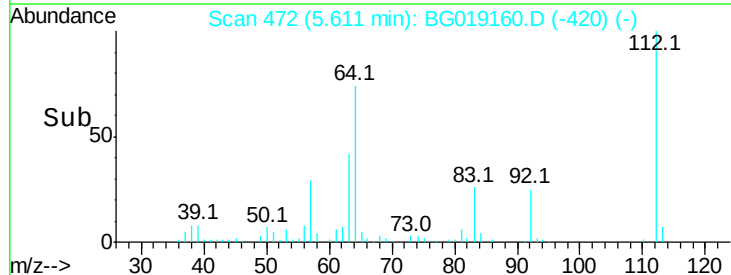
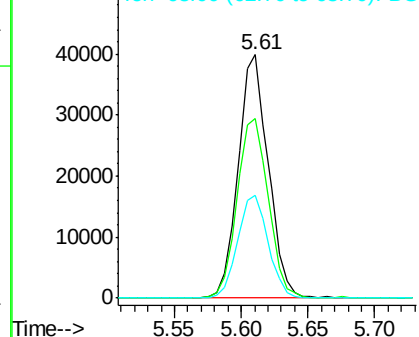
#5

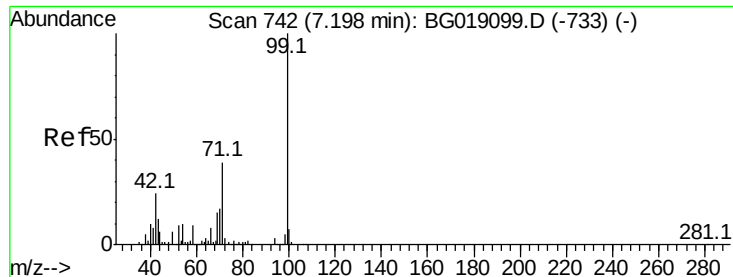
2-Fluorophenol
Concen: 66.65 ng
RT: 5.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: BG019160.D
Acq: 12 Oct 2015 13:40

Tgt Ion:112 Resp: 62197
Ion Ratio Lower Upper
112 100
64 73.6 59.0 88.4
63 42.2 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: 42.14 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019160.D

Acq: 12 Oct 2015 13:40

Instrument :

BNA_G

ClientSampleId :

OW1-C5-GW

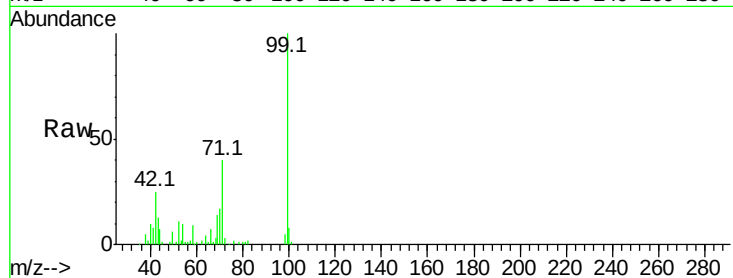
Tot Ion: 99 Resp: 60405

Ion Ratio Lower Upper

99 100

42 24.7 19.5 29.3

71 40.3 31.4 47.0

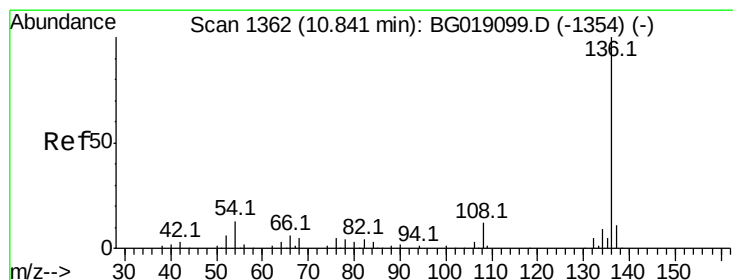
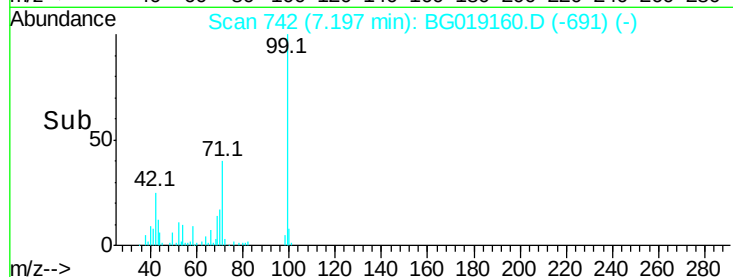
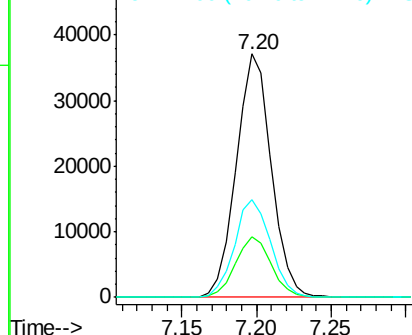


Abundance

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: BG019160.D

Acq: 12 Oct 2015 13:40

Tgt Ion: 136 Resp: 85758

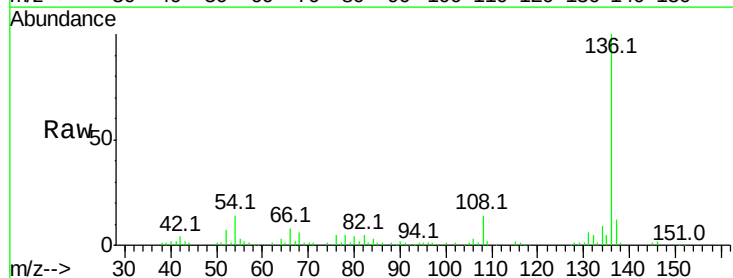
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 13.9 10.1 15.1

68 5.7 4.4 6.6



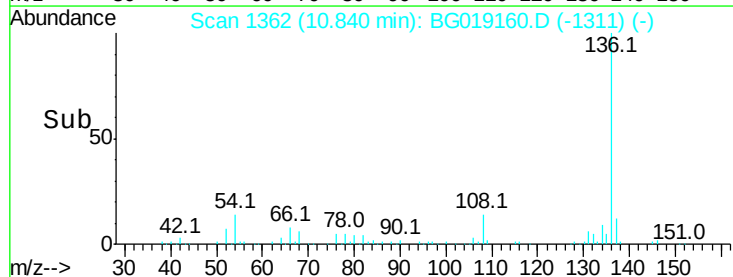
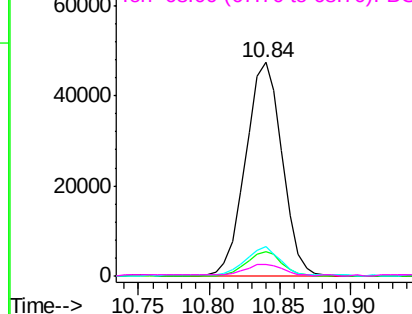
Abundance

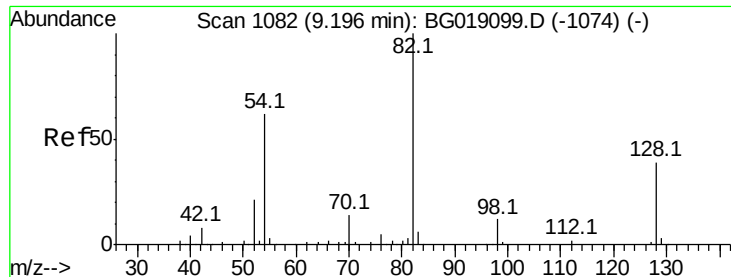
Ion 136.00 (135.70 to 136.70): BGC

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

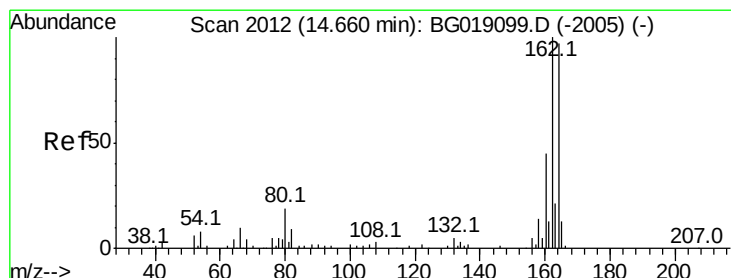
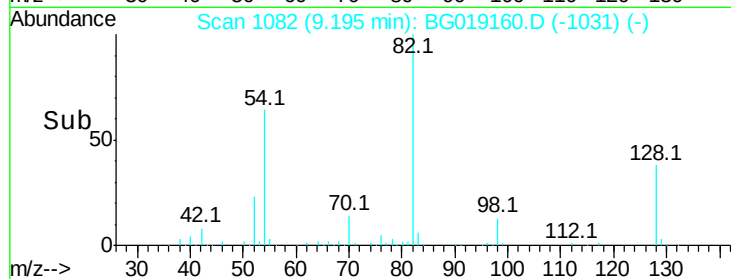
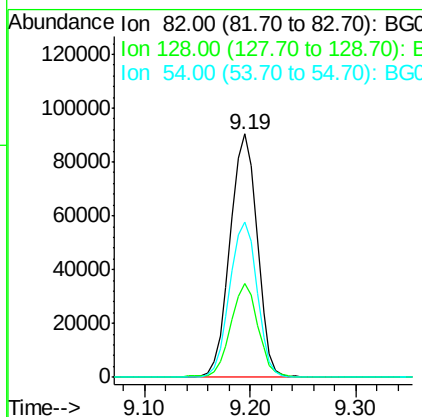
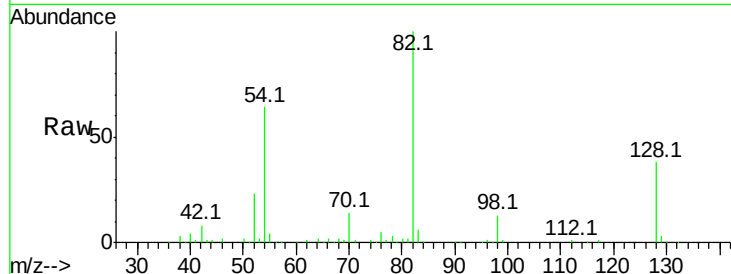




#23
Nitrobenzene-d5
Concen: 103.57 ng
RT: 9.19 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019160.D
Acq: 12 Oct 2015 13:40

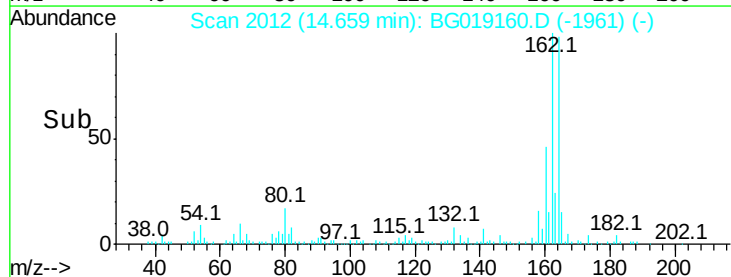
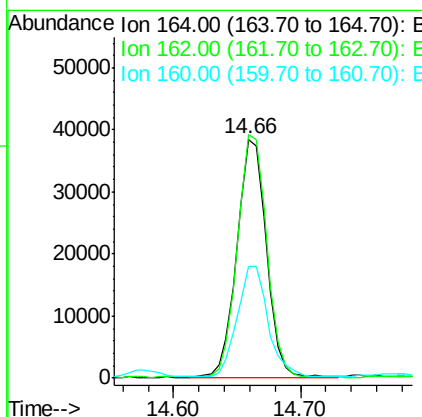
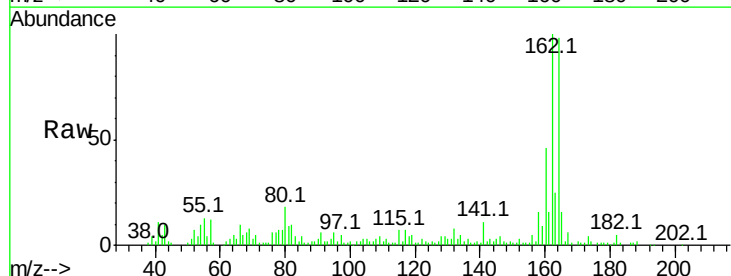
Instrument :
BNA_G
ClientSampleId :
OW1-C5-GW

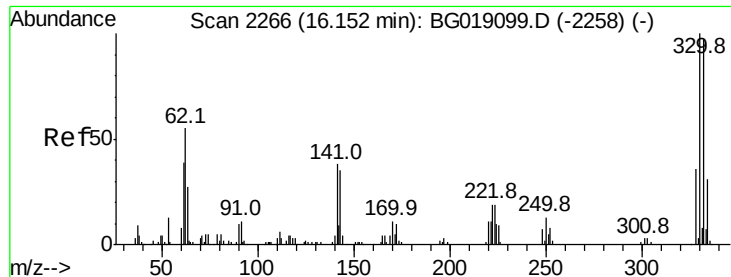
Tot Ion	82	Resp	160756
Ion Ratio	100	Lower	Upper
128	38.5	31.4	47.2
54	63.9	50.0	75.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019160.D
Acq: 12 Oct 2015 13:40

Tgt Ion	164	Resp	62577
Ion Ratio	100	Lower	Upper
162	102.0	82.6	124.0
160	47.0	36.9	55.3

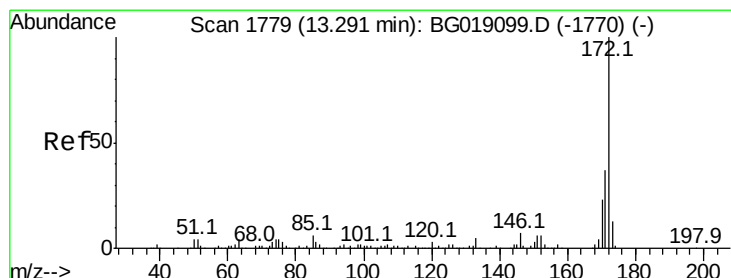
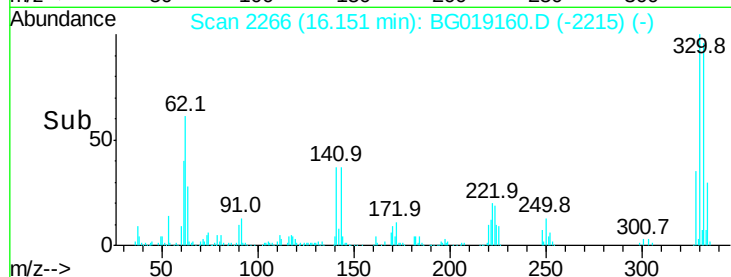
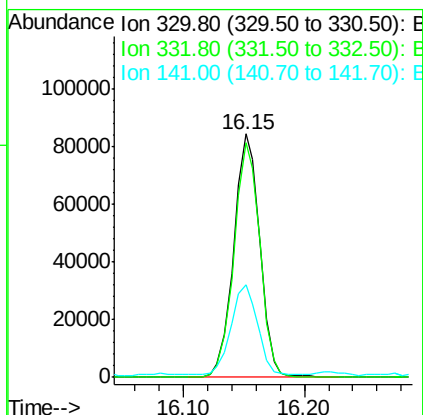
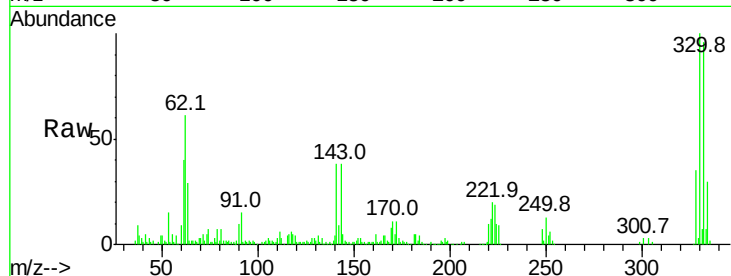




#41
 2,4,6-Tribromophenol
 Concen: 148.36 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019160.D
 Acq: 12 Oct 2015 13:40

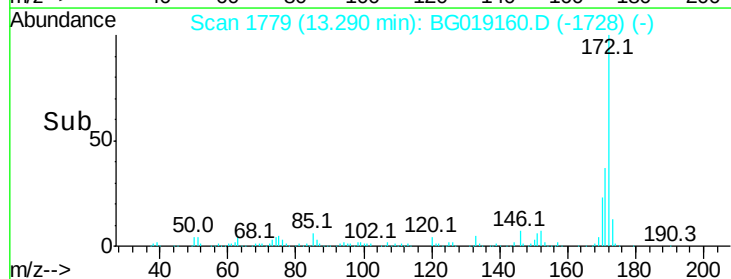
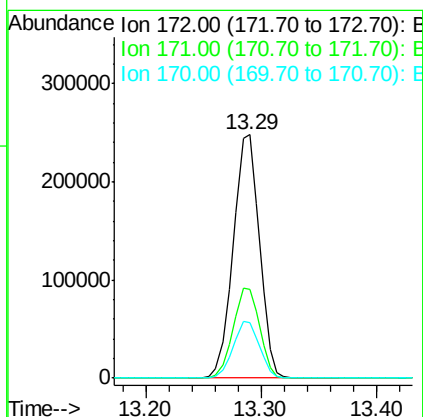
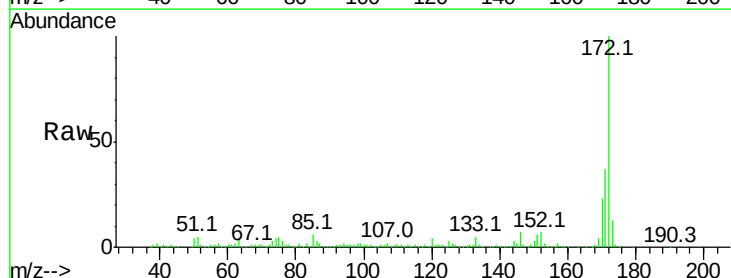
Instrument :
 BNA_G
 ClientSampled :
 OW1-C5-GW

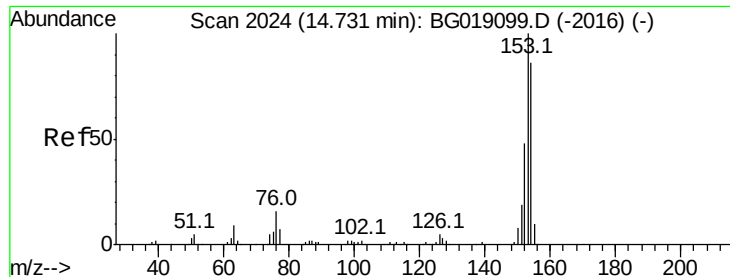
Tot Ion:330 Resp: 126515
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 37.5 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 95.64 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG019160.D
 Acq: 12 Oct 2015 13:40

Tgt Ion:172 Resp: 389213
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.9 44.9
 170 23.0 18.6 27.8





#51

Acenaphthene

Concen: 4.36 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019160.D

Acq: 12 Oct 2015 13:40

Instrument :

BNA_G

ClientSampleId :

OW1-C5-GW

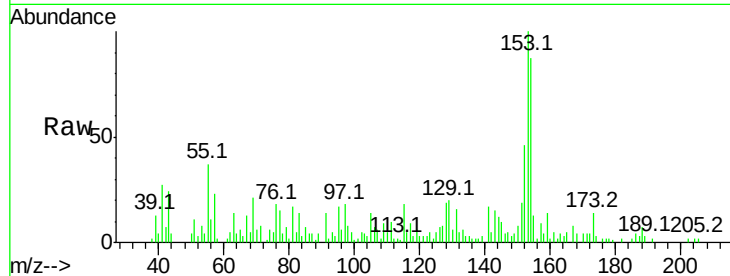
Tot Ion:154 Resp: 16176

Ion Ratio Lower Upper

154 100

153 115.5 93.4 140.2

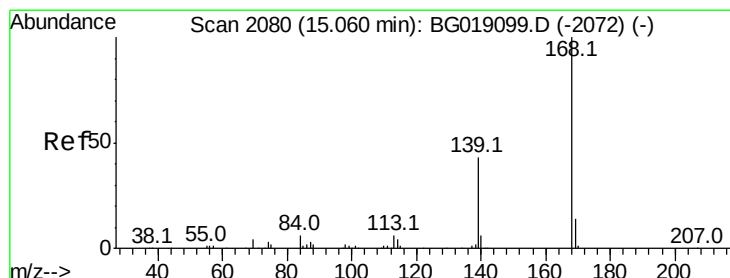
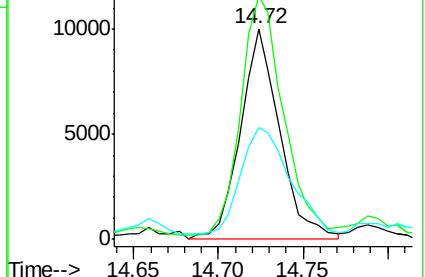
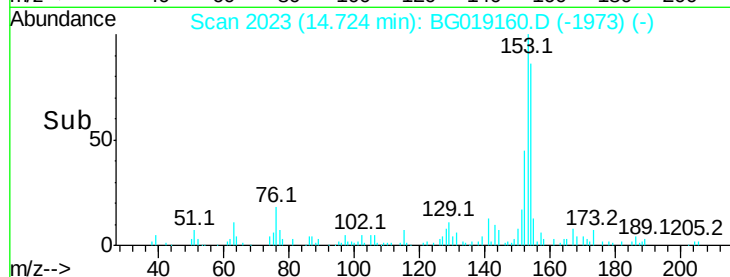
152 52.8 44.9 67.3



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

Dibenzofuran

Concen: 3.70 ng

RT: 15.06 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG019160.D

Acq: 12 Oct 2015 13:40

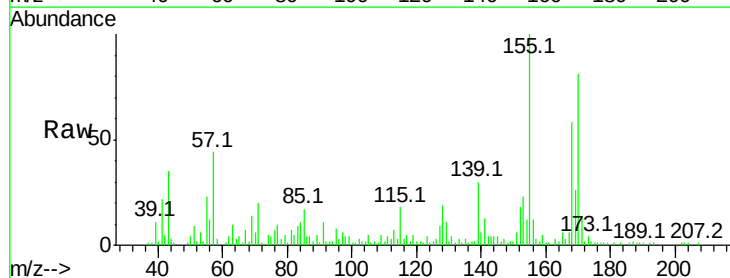
Tgt Ion:168 Resp: 20247

Ion Ratio Lower Upper

168 100

139 52.1 34.2 51.4#

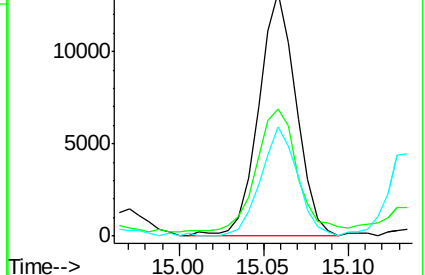
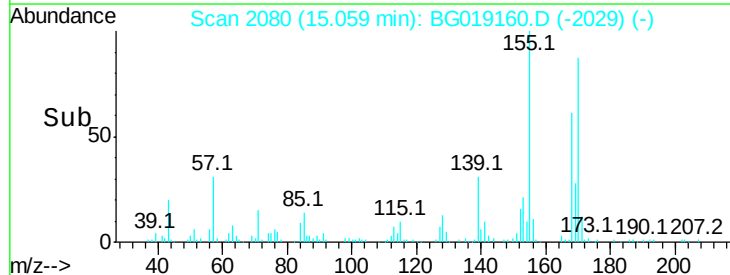
169 44.6 11.4 17.0#

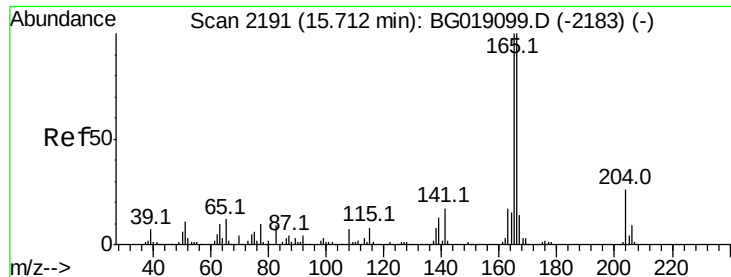


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 8.99 ng

RT: 15.71 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG019160.D

Acq: 12 Oct 2015 13:40

Instrument :

BNA_G

ClientSampleId :

OW1-C5-GW

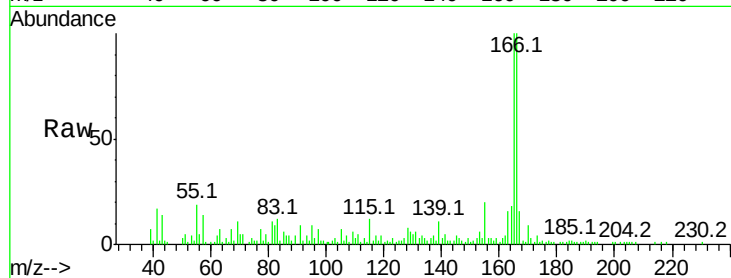
Tot Ion:166 Resp: 42714

Ion Ratio Lower Upper

166 100

165 100.0 80.2 120.2

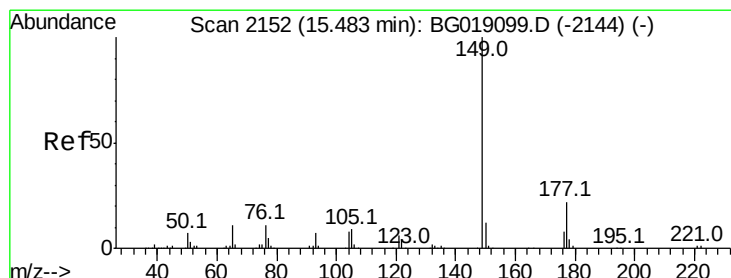
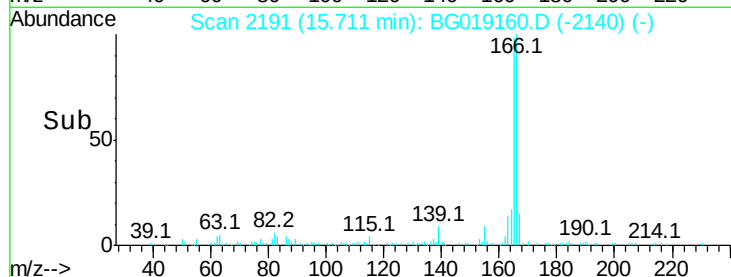
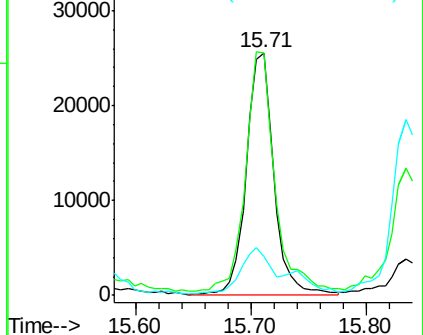
167 15.7 11.4 17.0



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



#59

Diethylphthalate

Concen: 7.61 ng

RT: 15.48 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG019160.D

Acq: 12 Oct 2015 13:40

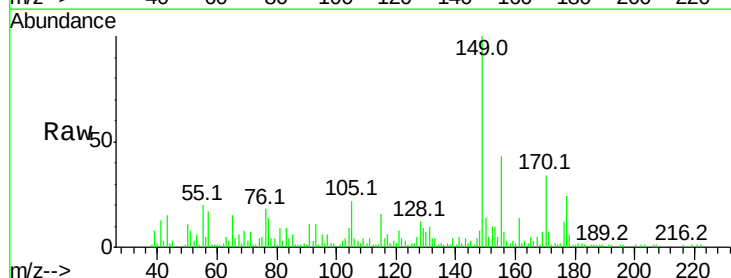
Tgt Ion:149 Resp: 39060

Ion Ratio Lower Upper

149 100

177 24.3 17.7 26.5

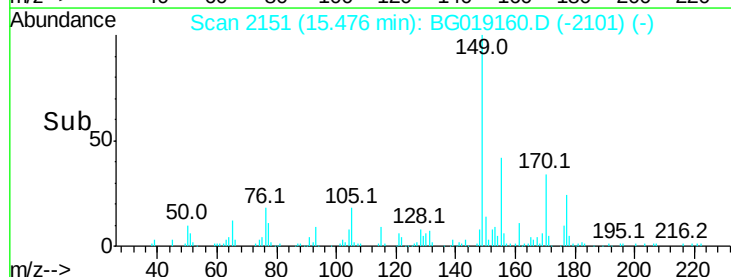
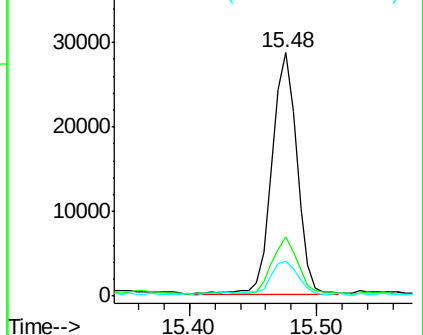
150 14.1 9.4 14.2

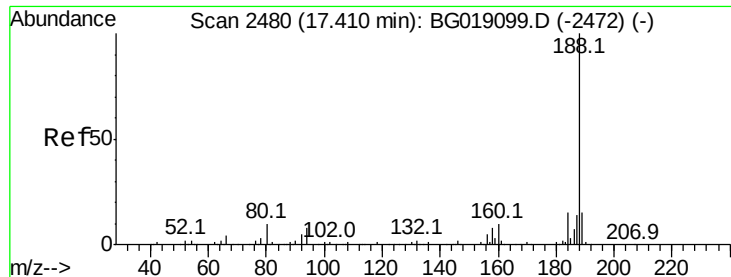


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG019160.D

Acq: 12 Oct 2015 13:40

Instrument :

BNA_G

ClientSampleId :

OW1-C5-GW

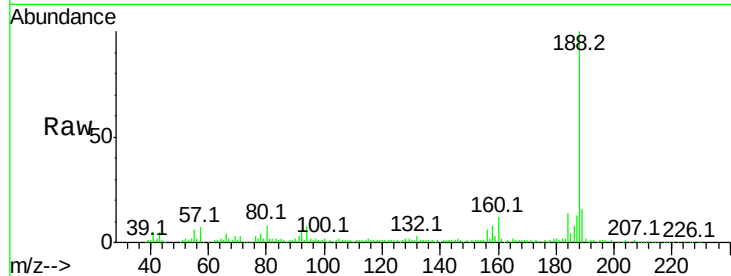
Tot Ion:188 Resp: 139184

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

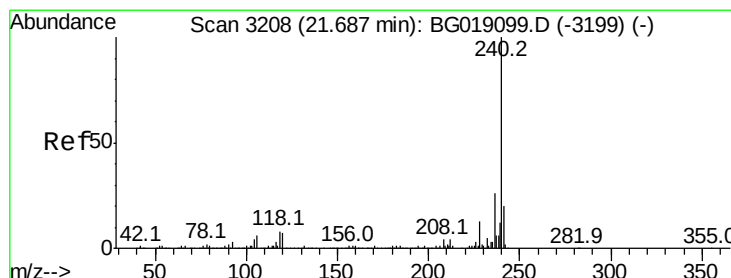
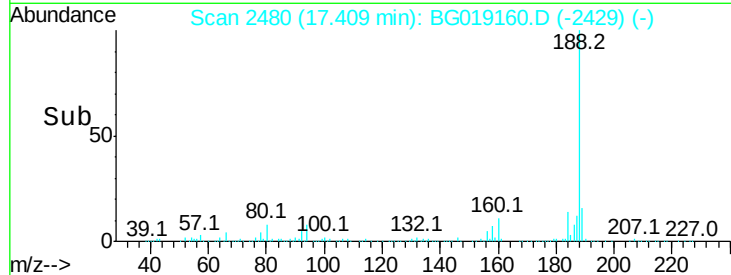
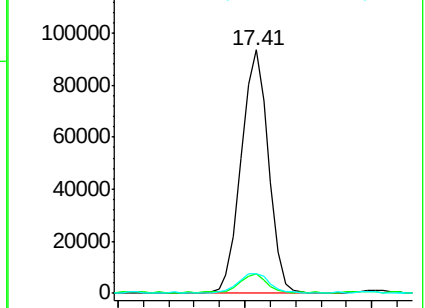
80 8.0 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019160.D

Acq: 12 Oct 2015 13:40

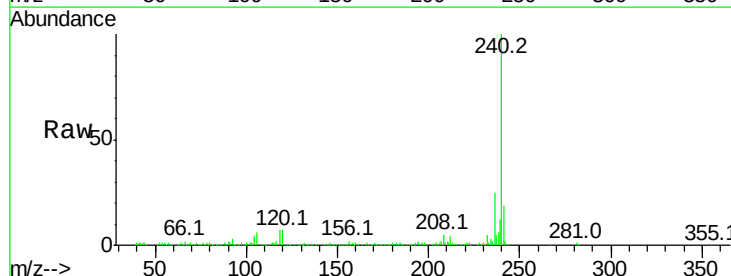
Tgt Ion:240 Resp: 166994

Ion Ratio Lower Upper

240 100

120 7.2 5.8 8.6

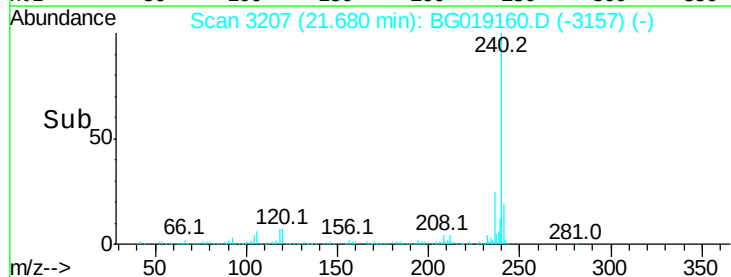
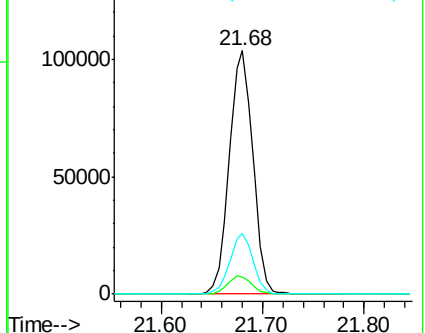
236 24.8 21.2 31.8

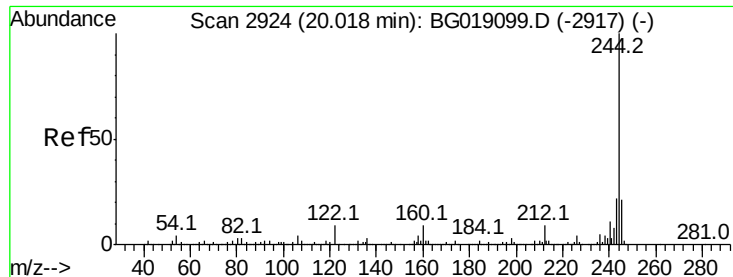


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.92 ng

RT: 20.02 min Scan# 2925

Delta R.T. 0.00 min

Lab File: BG019160.D

Acq: 12 Oct 2015 13:40

Instrument :

BNA_G

ClientSampleId :

OW1-C5-GW

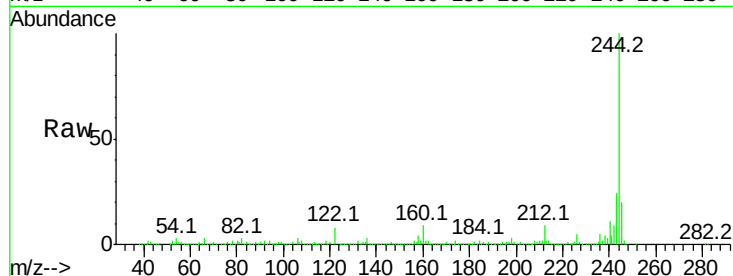
Tot Ion:244 Resp: 600055

Ion Ratio Lower Upper

244 100

212 8.8 6.8 10.2

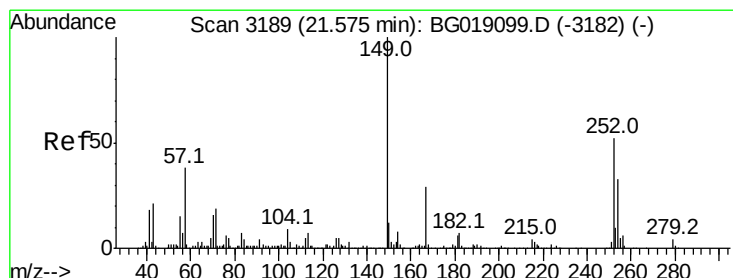
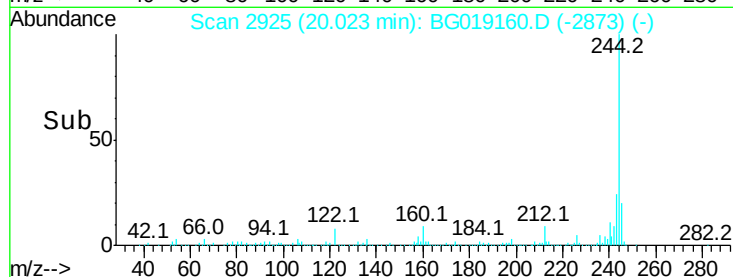
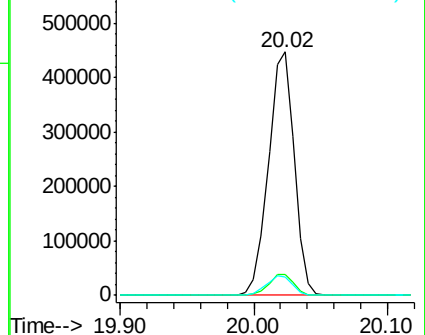
122 7.6 7.4 11.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.35 ng

RT: 21.57 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG019160.D

Acq: 12 Oct 2015 13:40

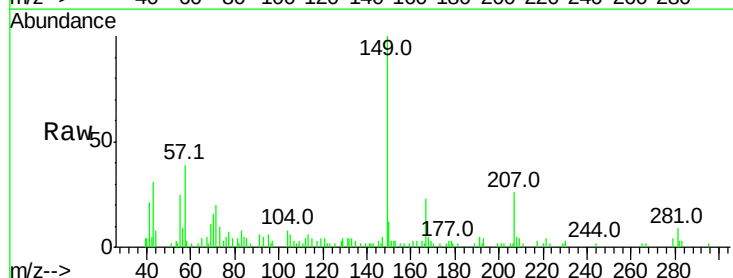
Tgt Ion:149 Resp: 12456

Ion Ratio Lower Upper

149 100

167 23.3 22.8 34.2

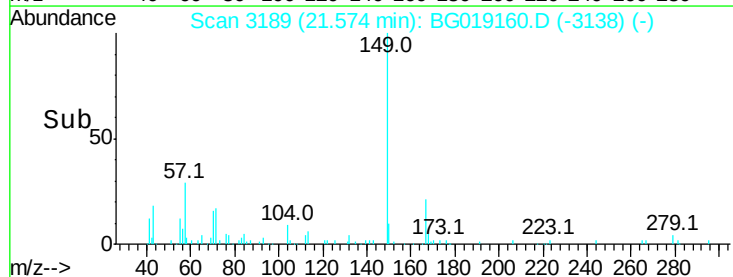
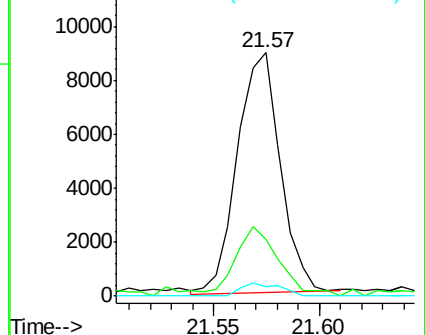
279 4.0 3.6 5.4

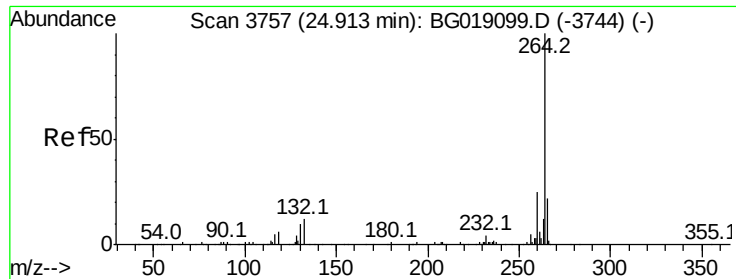


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

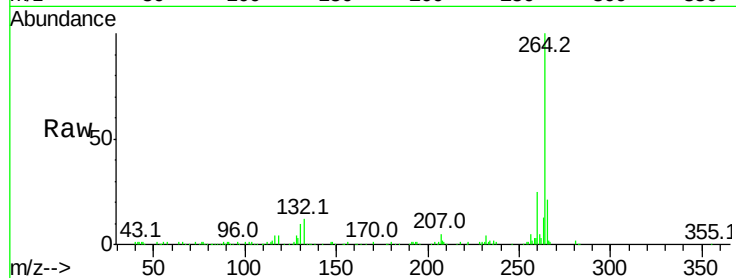




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3756
 Delta R.T. -0.01 min
 Lab File: BG019160.D
 Acq: 12 Oct 2015 13:40

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C5-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.0	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

