

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019162.D
 Acq On : 12 Oct 2015 14:56
 Operator : UM/NP
 Sample : G3989-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C7-GW

Quant Time: Oct 13 01:06:09 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

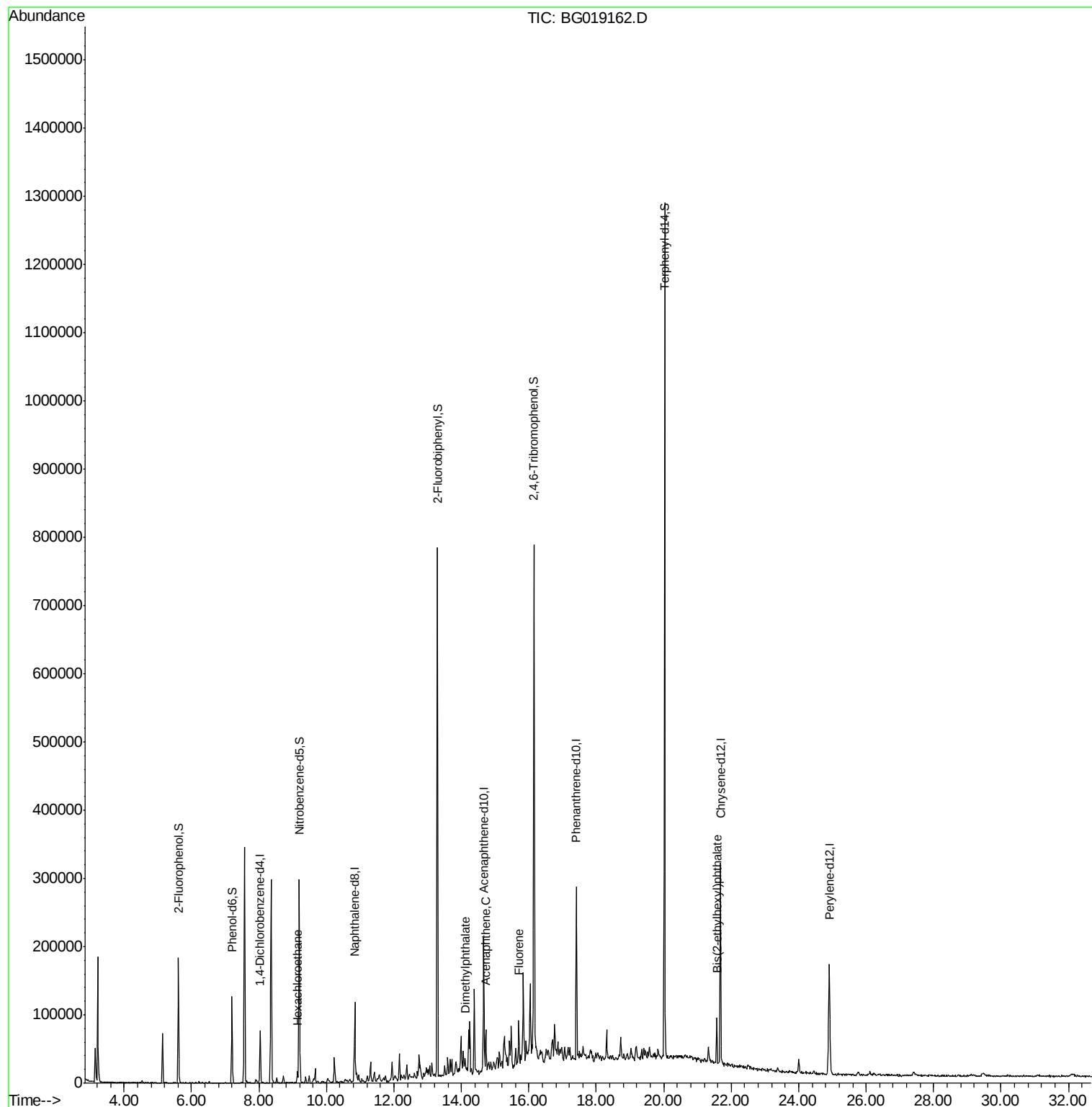
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20942	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	90519	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	61598	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	144655	20.00	ng	0.00
75) Chrysene-d12	21.68	240	168018	20.00	ng	0.00
86) Perylene-d12	24.91	264	168399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	66468	64.62	ng	0.00
7) Phenol-d6	7.20	99	65959	41.74	ng	0.00
23) Nitrobenzene-d5	9.19	82	167773	102.41	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	127536	151.94	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	401679	100.27	ng	0.00
78) Terphenyl-d14	20.02	244	516433	81.19	ng	0.00
Target Compounds						
18) Hexachloroethane	9.14	117	2588	4.71	ng	Qvalue # 1
49) Dimethylphthalate	14.11	163	10411	2.14	ng	99
51) Acenaphthene	14.72	154	16741	4.59	ng	96
57) Fluorene	15.70	166	17031	3.64	ng	# 96
83) Bis(2-ethylhexyl)phthalate	21.57	149	23154	4.35	ng	95

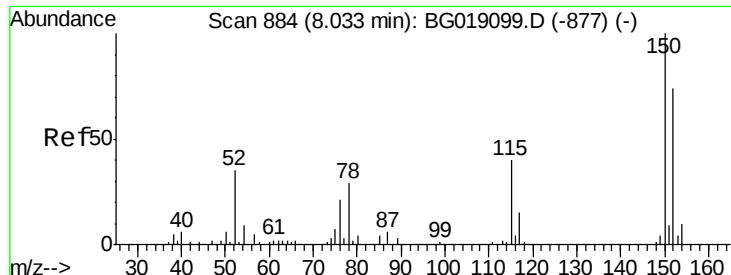
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

Instrument :

BNA_G

ClientSampleId :

OW1-C7-GW

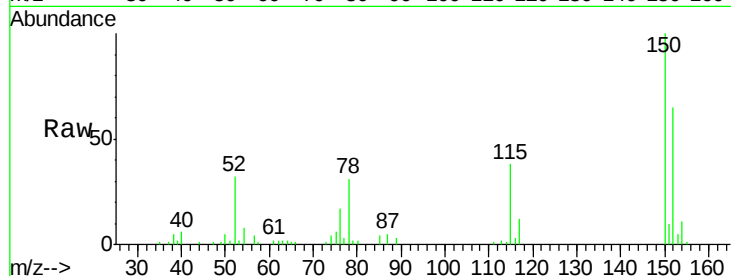
Tot Ion:152 Resp: 20942

Ion Ratio Lower Upper

152 100

150 154.7 108.2 162.2

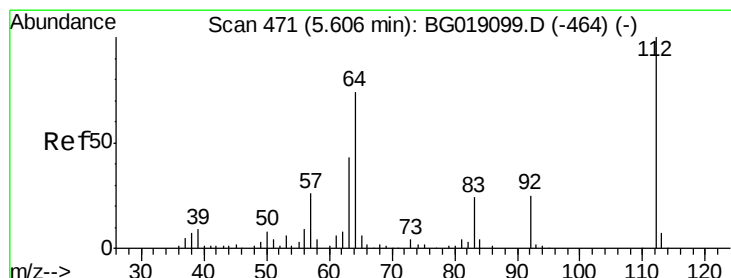
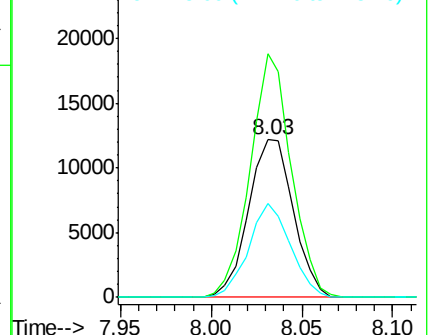
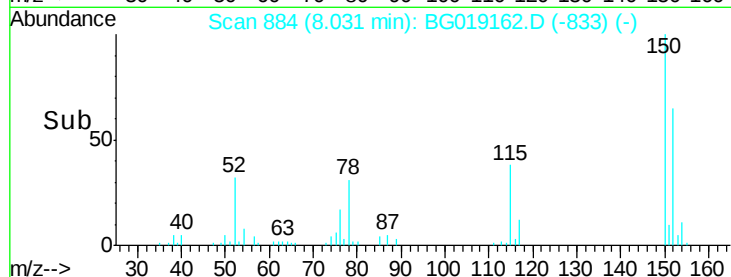
115 59.2 43.2 64.8



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: 64.62 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

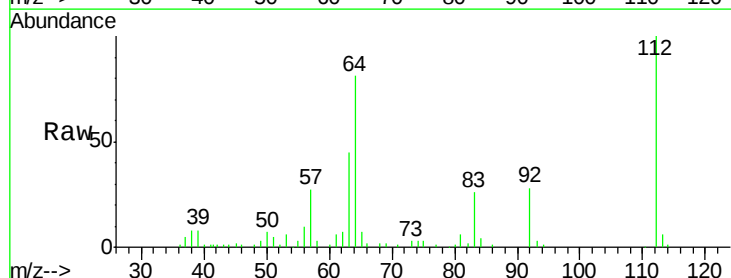
Tgt Ion:112 Resp: 66468

Ion Ratio Lower Upper

112 100

64 80.7 59.0 88.4

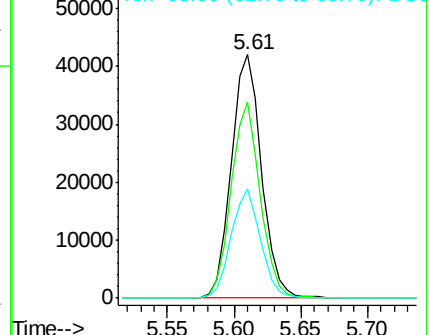
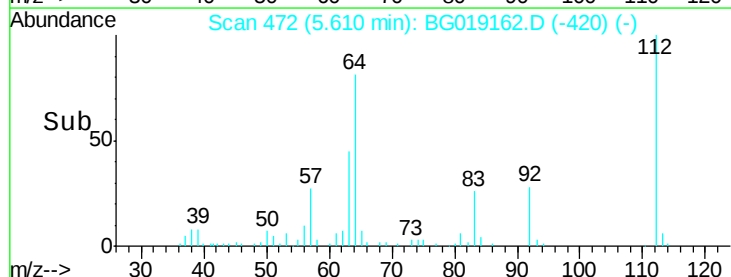
63 44.9 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.74 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

Instrument :

BNA_G

ClientSampleId :

OW1-C7-GW

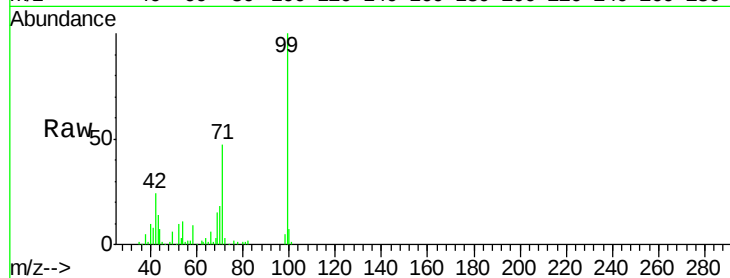
Tot Ion: 99 Resp: 65959

Ion Ratio Lower Upper

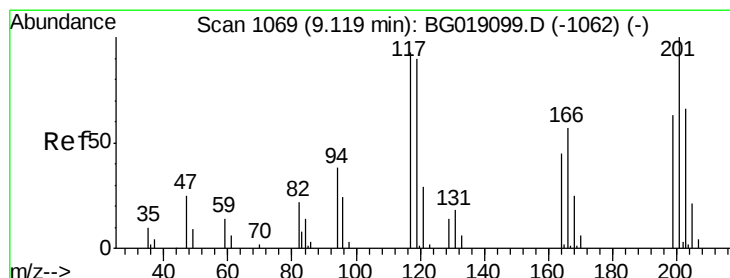
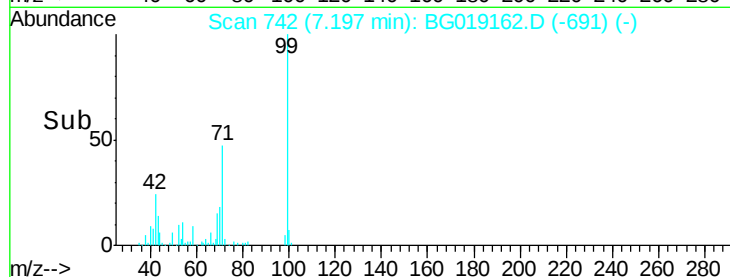
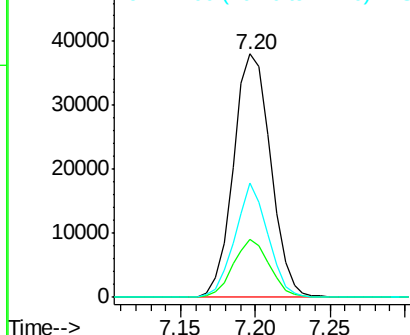
99 100

42 24.1 19.5 29.3

71 47.0 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



#18

Hexachloroethane

Concen: 4.71 ng

RT: 9.14 min Scan# 1073

Delta R.T. 0.02 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

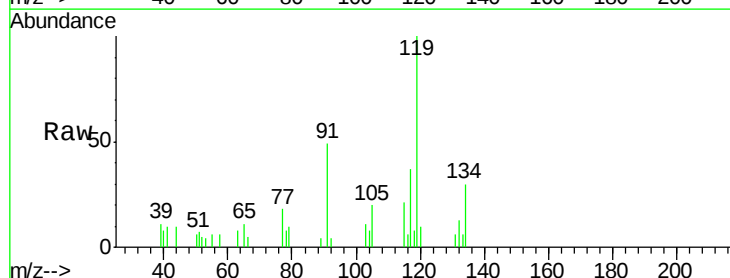
Tgt Ion: 117 Resp: 2588

Ion Ratio Lower Upper

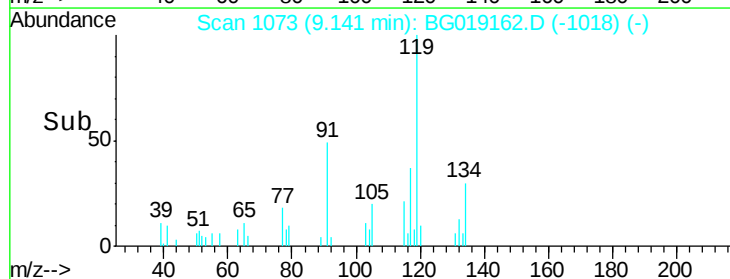
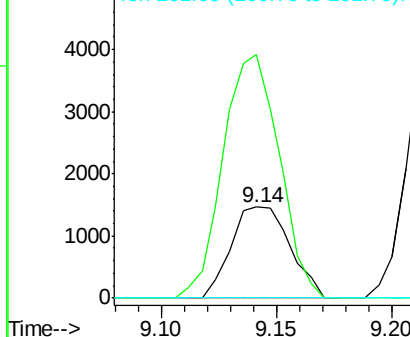
117 100

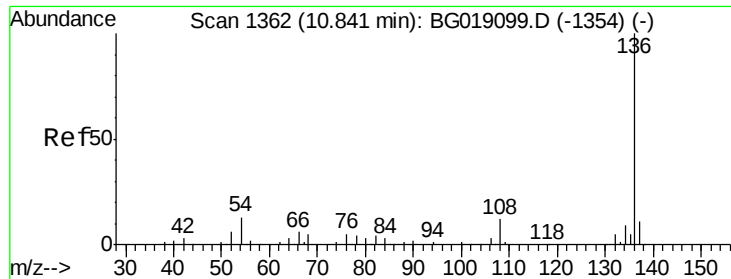
119 267.1 77.0 115.4#

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# 1362

Delta R.T. -0.00 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

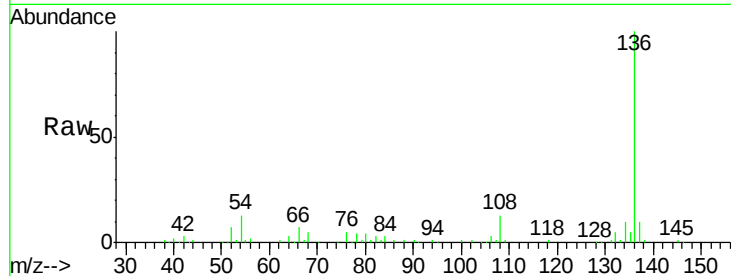
Instrument :

BNA_G

ClientSampleId :

OW1-C7-GW

Tot Ion:136	Resp:	90519
Ion	Ratio	Lower Upper
136	100	
137	9.7	9.0 13.4
54	12.6	10.1 15.1
68	5.0	4.4 6.6

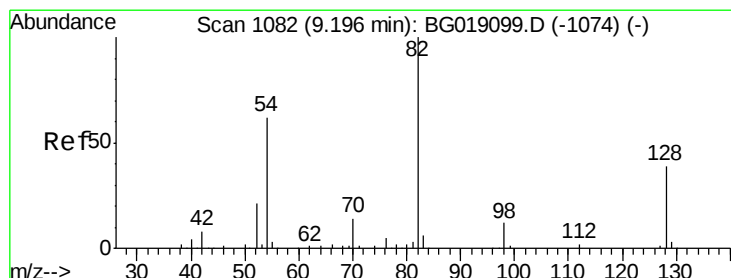
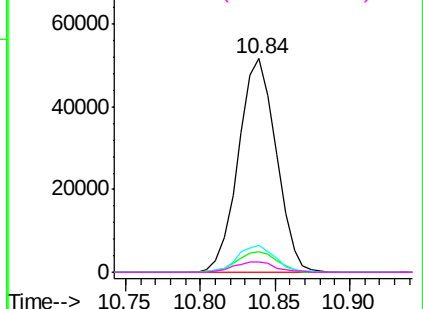
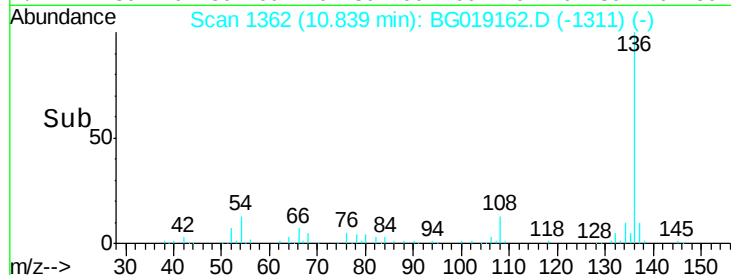


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 102.41 ng

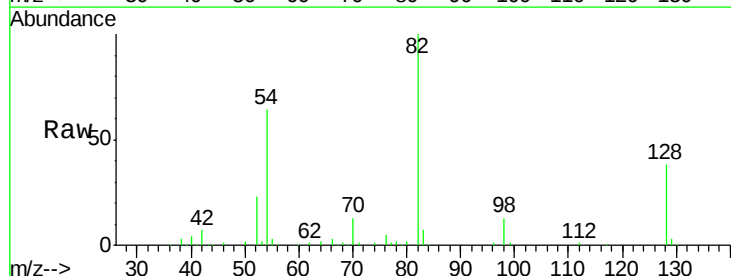
RT: 9.19 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

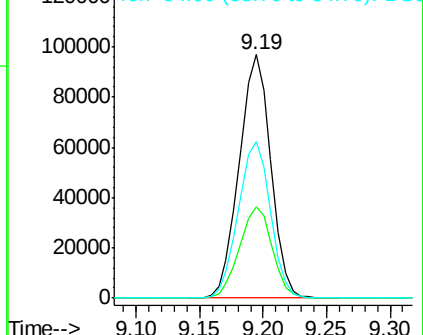
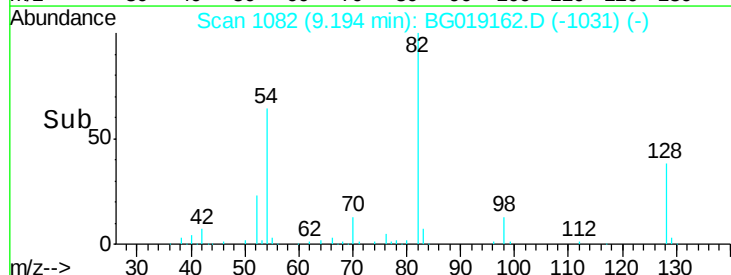
Tgt Ion: 82	Resp:	167773
Ion	Ratio	Lower Upper
82	100	
128	37.7	31.4 47.2
54	64.5	50.0 75.0

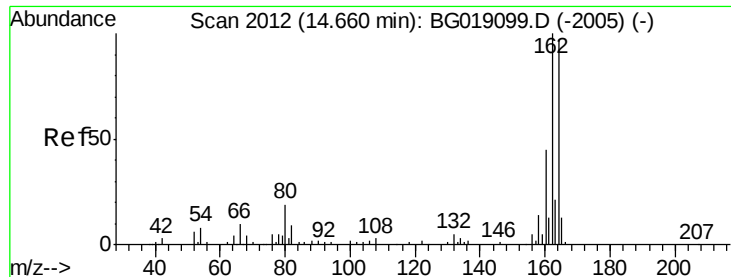


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

Instrument :

BNA_G

ClientSampleId :

OW1-C7-GW

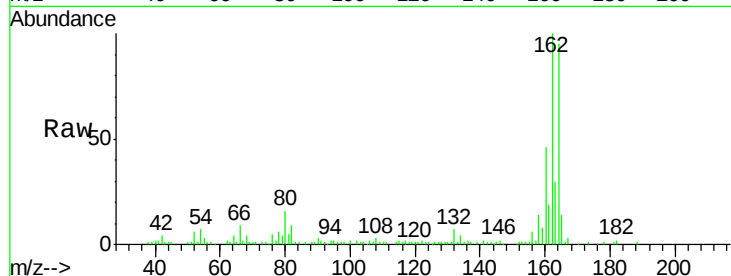
Tot Ion:164 Resp: 61598

Ion Ratio Lower Upper

164 100

162 104.9 82.6 124.0

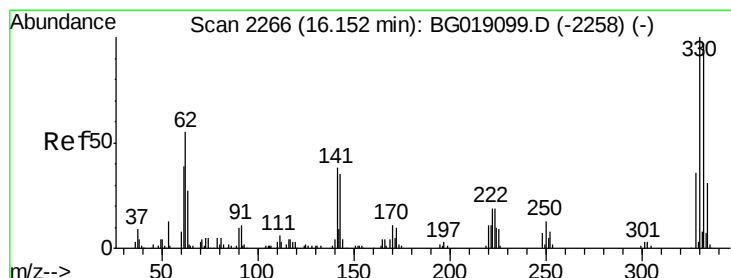
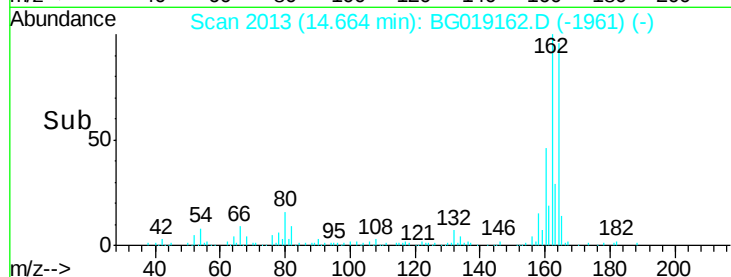
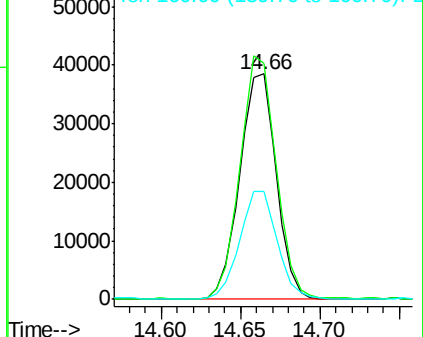
160 48.1 36.9 55.3



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: 151.94 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

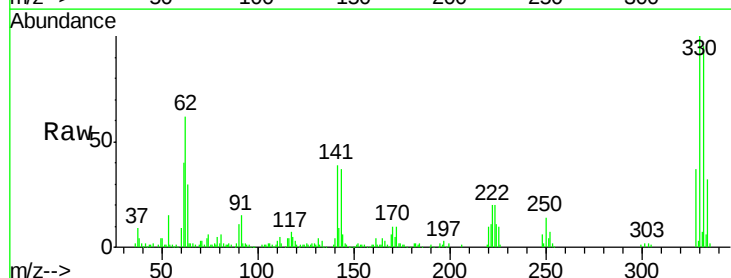
Tgt Ion:330 Resp: 127536

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

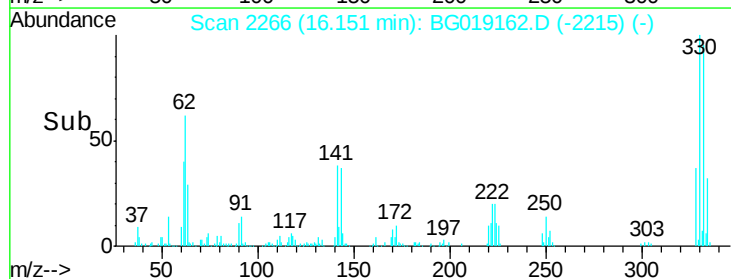
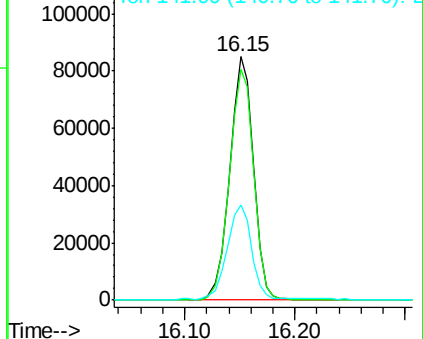
141 41.6 30.7 46.1

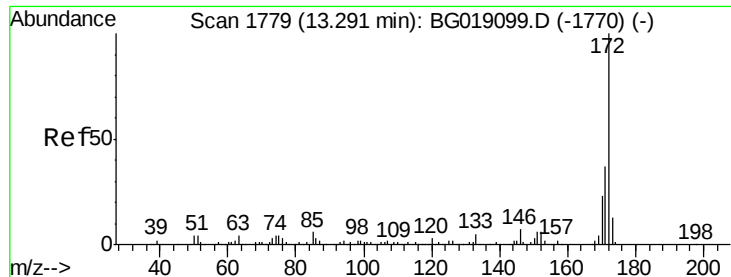


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

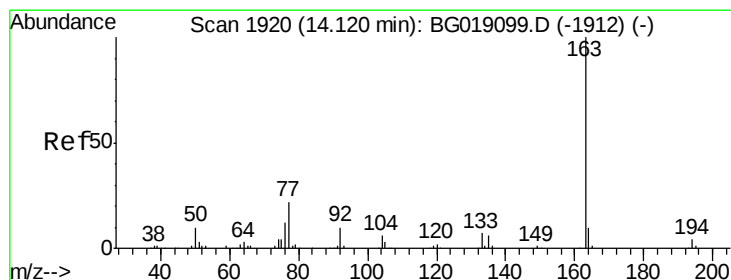
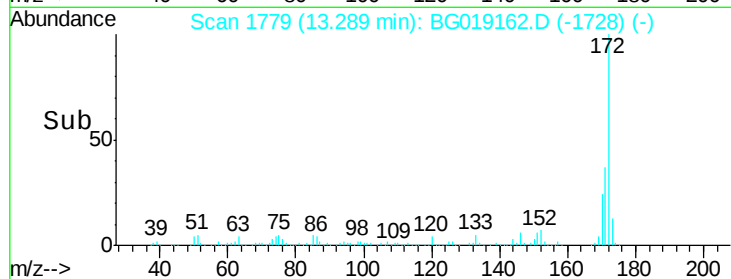
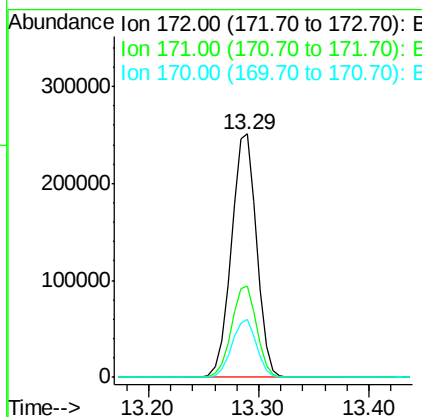
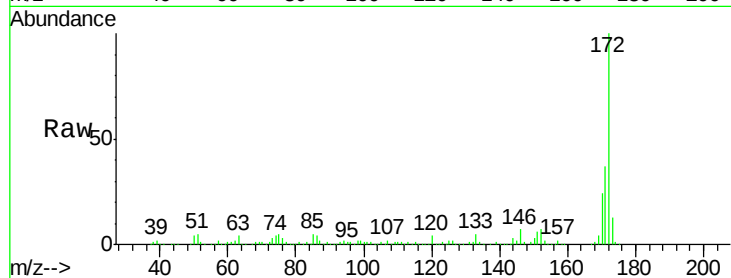




#44
2-Fluorobiphenyl
Concen: 100.27 ng
RT: 13.29 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG019162.D
Acq: 12 Oct 2015 14:56

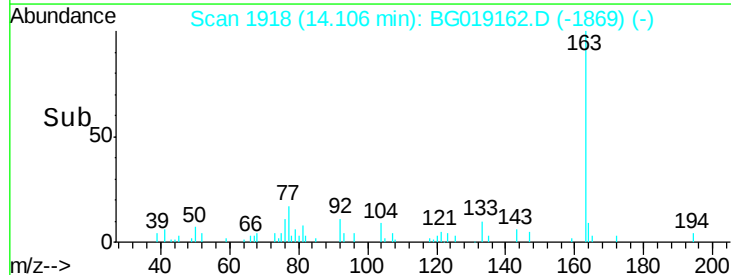
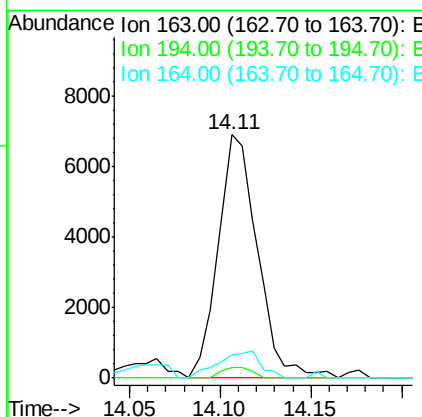
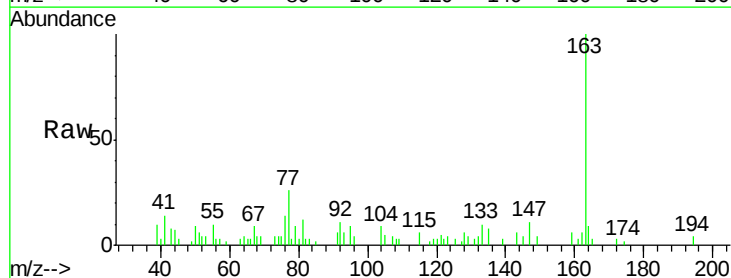
Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

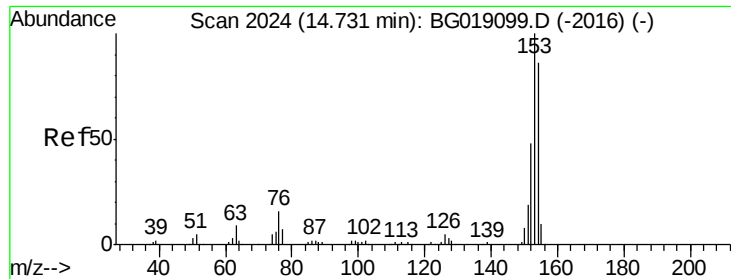
Tot Ion:172 Resp: 401679
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 23.7 18.6 27.8



#49
Dimethylphthalate
Concen: 2.14 ng
RT: 14.11 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG019162.D
Acq: 12 Oct 2015 14:56

Tgt Ion:163 Resp: 10411
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.4 8.1 12.1





#51

Acenaphthene

Concen: 4.59 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

Instrument :

BNA_G

ClientSampleId :

OW1-C7-GW

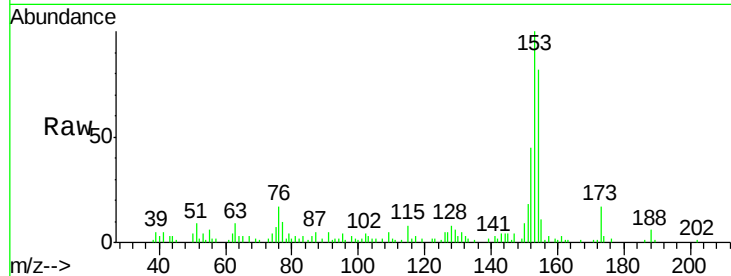
Tot Ion:154 Resp: 16741

Ion Ratio Lower Upper

154 100

153 121.3 93.4 140.2

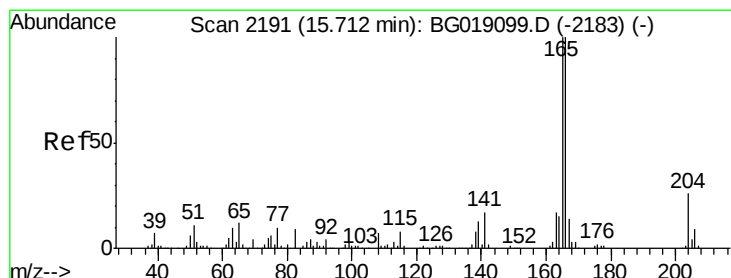
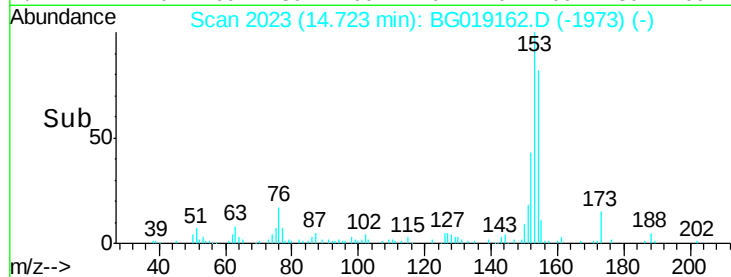
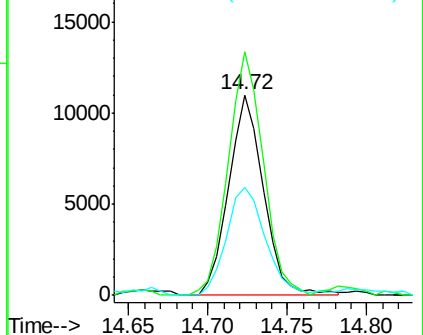
152 54.0 44.9 67.3



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: 3.64 ng

RT: 15.70 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

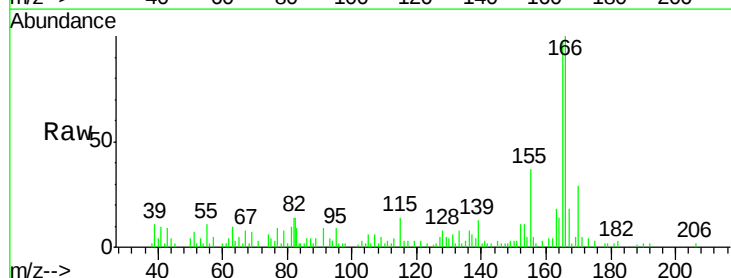
Tgt Ion:166 Resp: 17031

Ion Ratio Lower Upper

166 100

165 97.0 80.2 120.2

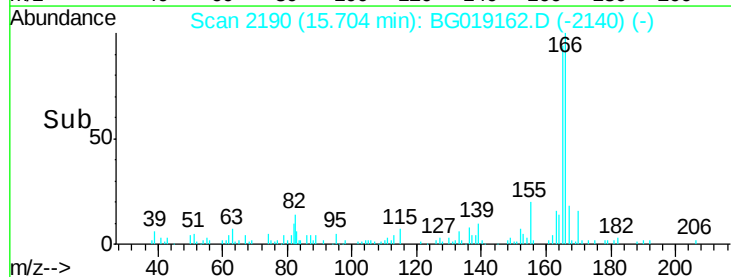
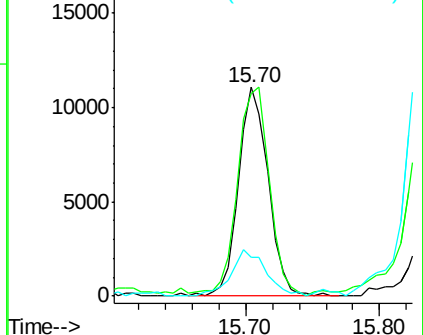
167 18.4 11.4 17.0#

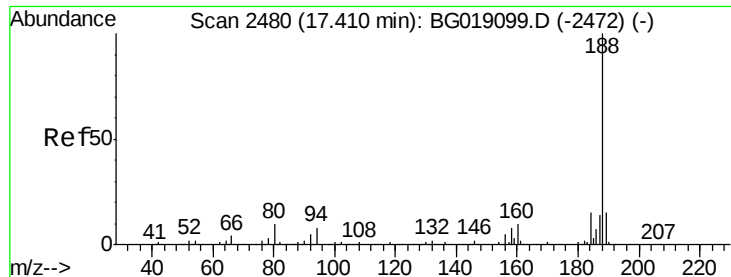


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

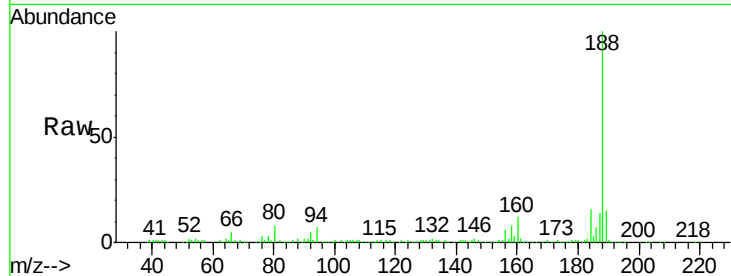




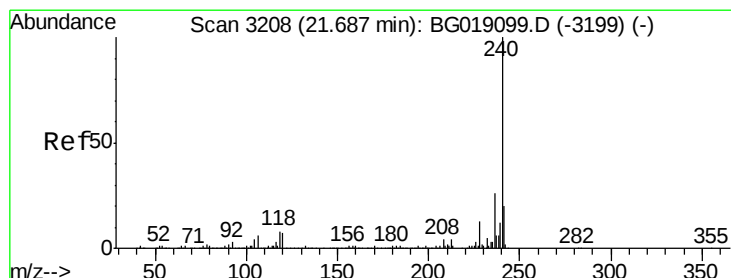
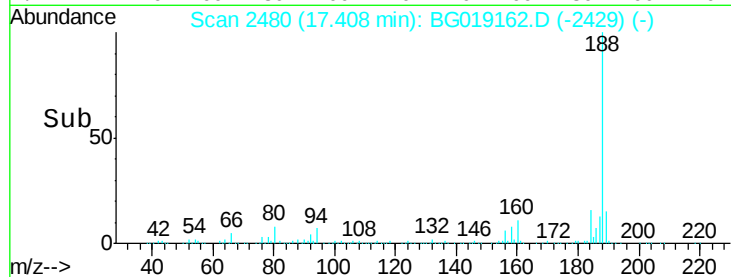
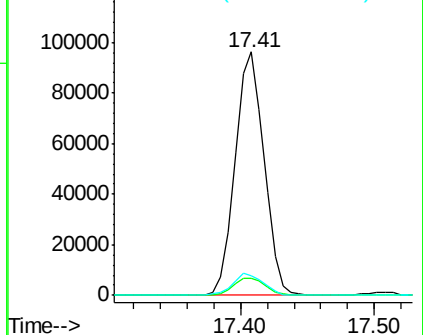
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019162.D
Acq: 12 Oct 2015 14:56

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

Tot Ion:188 Resp: 144655
Ion Ratio Lower Upper
188 100
94 7.1 6.4 9.6
80 8.1 7.6 11.4

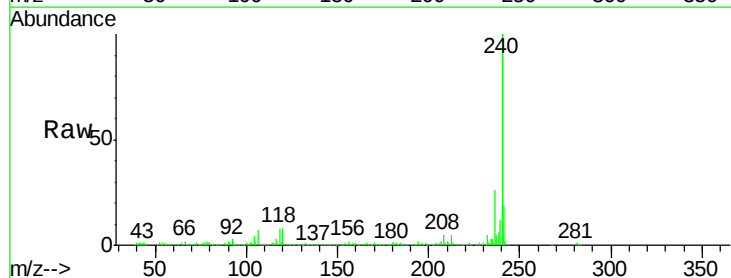


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

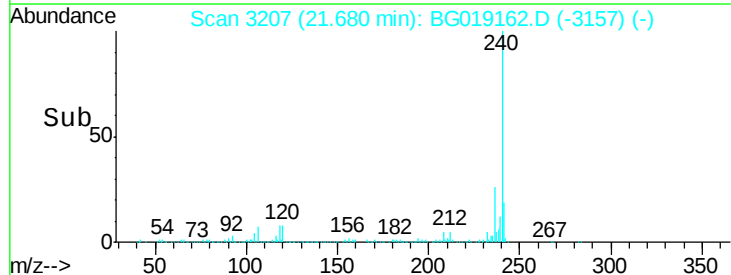
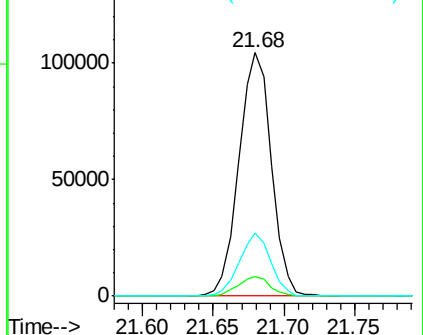


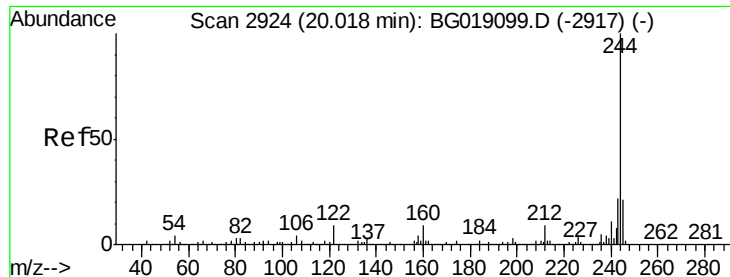
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG019162.D
Acq: 12 Oct 2015 14:56

Tgt Ion:240 Resp: 168018
Ion Ratio Lower Upper
240 100
120 7.9 5.8 8.6
236 25.8 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: 81.19 ng

RT: 20.02 min Scan# 2925

Delta R.T. 0.00 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

Instrument :

BNA_G

ClientSampleId :

OW1-C7-GW

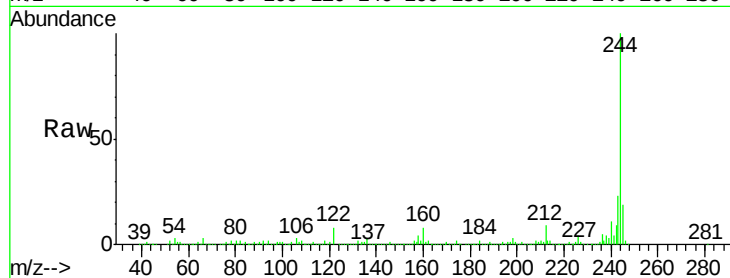
Tot Ion:244 Resp: 516433

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

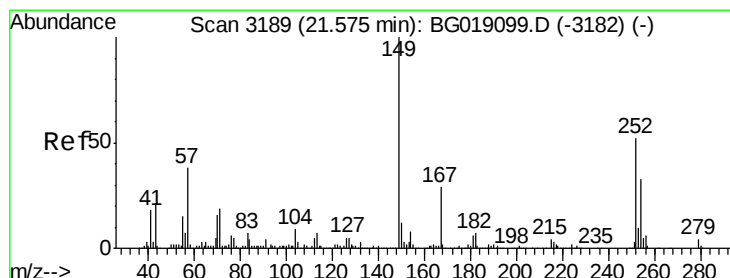
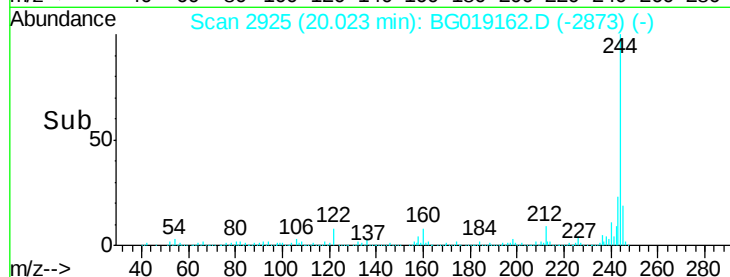
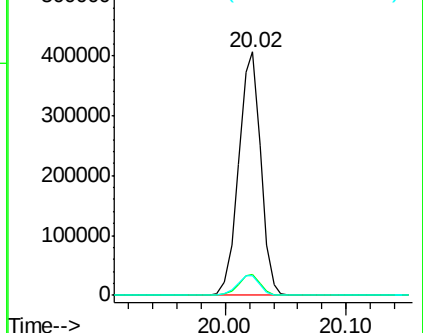
122 7.9 7.4 11.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.35 ng

RT: 21.57 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG019162.D

Acq: 12 Oct 2015 14:56

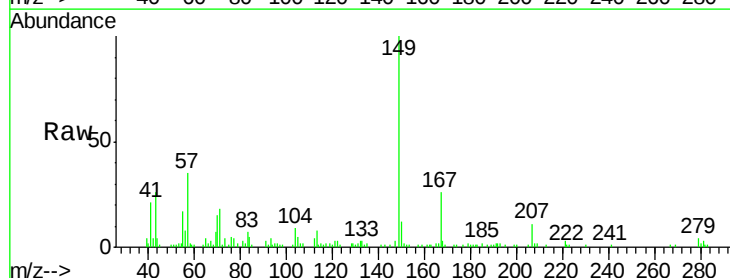
Tgt Ion:149 Resp: 23154

Ion Ratio Lower Upper

149 100

167 25.6 22.8 34.2

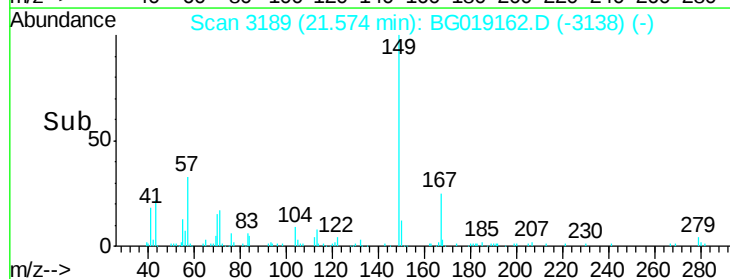
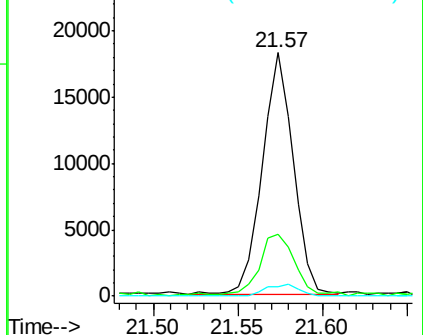
279 4.0 3.6 5.4

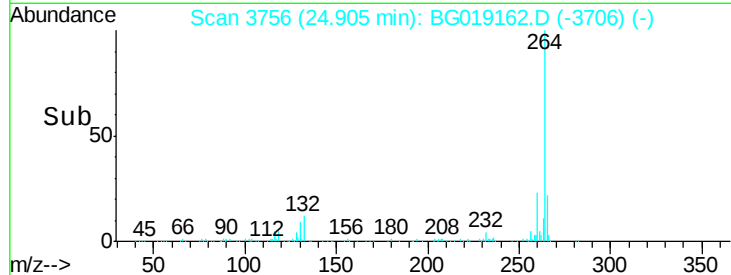
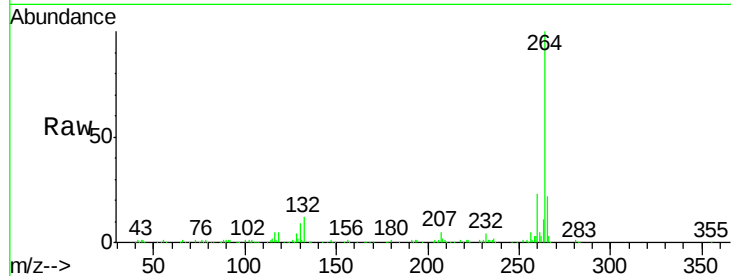
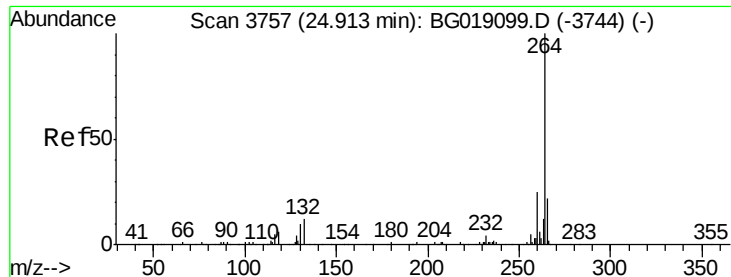


Abundance Ion 149.00 (148.70 to 149.70): E

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: BG019162.D
 Acq: 12 Oct 2015 14:56

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C7-GW

Tot Ion:	264	Resp:	168399
Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.1	30.1
265	21.7	17.2	25.8

