

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 01:35:08 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

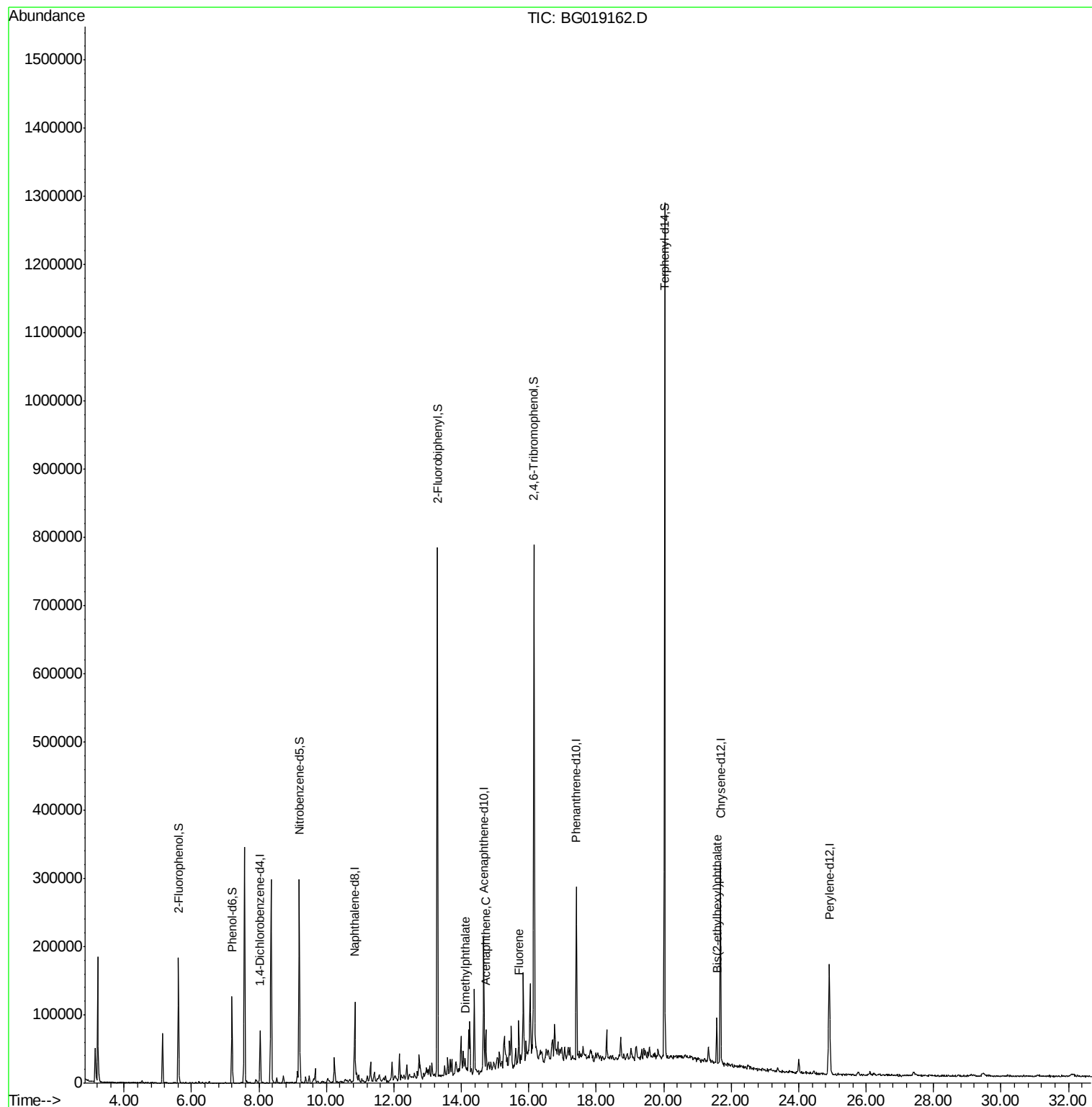
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20942	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	90519	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	61598	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	144655	20.00	ng	0.00
75) Chrysene-d12	21.68	240	168018	20.00	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						Qvalue
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

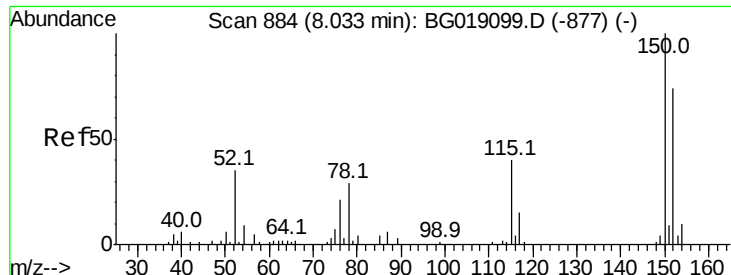
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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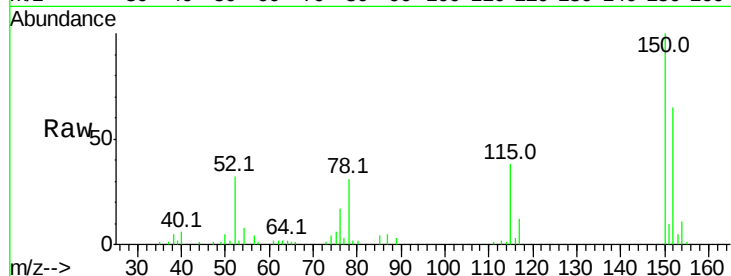


#1

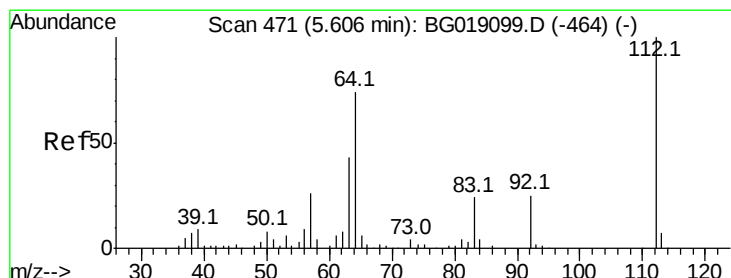
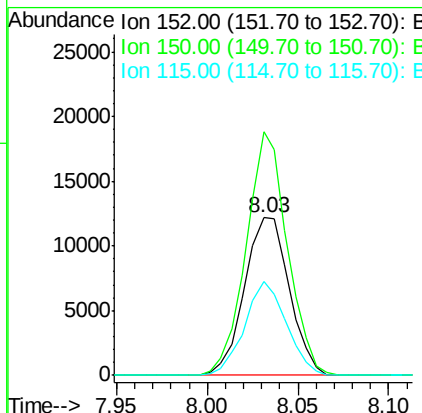
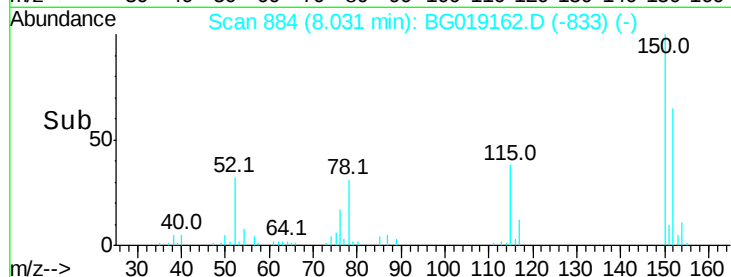
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019162.D
Acq: 12 Oct 2015 14:56

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



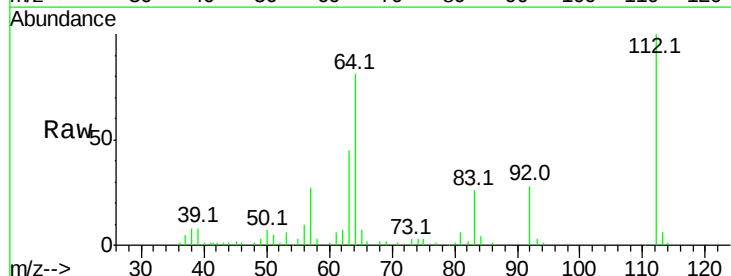
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



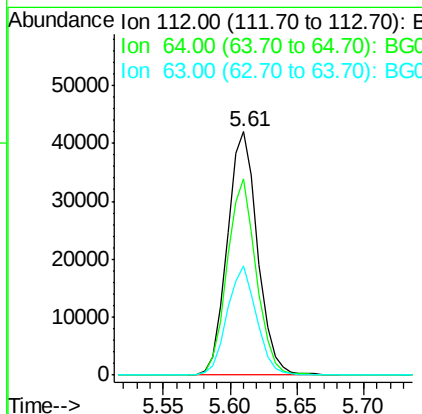
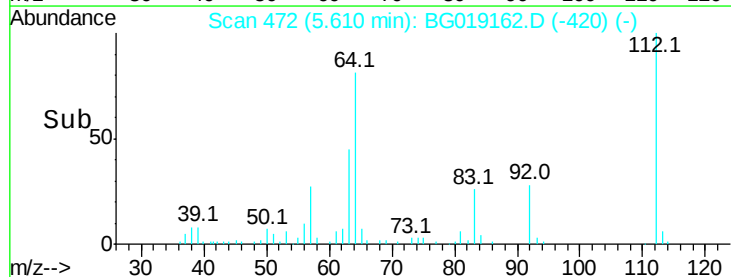
#5

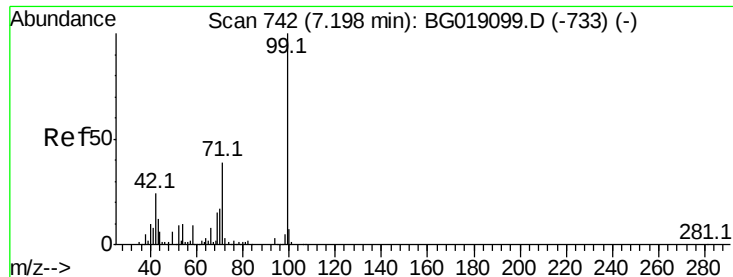
2-Fluorophenol
Concen: 64.62 ng
RT: 5.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: BG019162.D
Acq: 12 Oct 2015 14:56

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

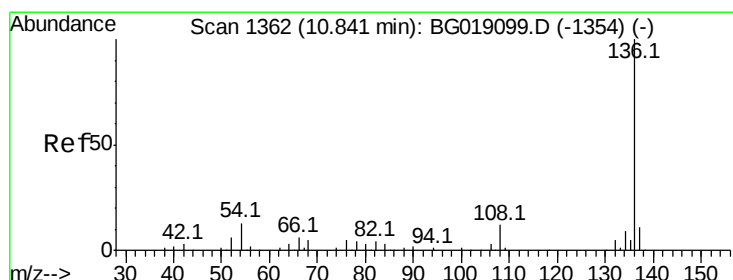
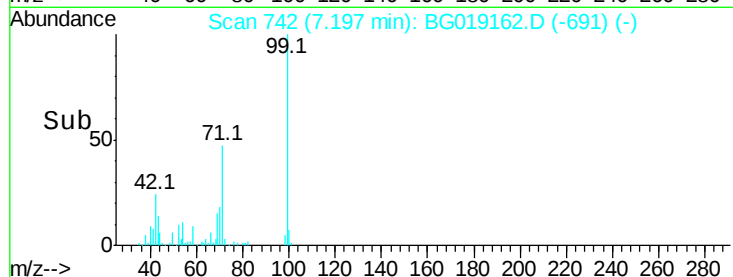
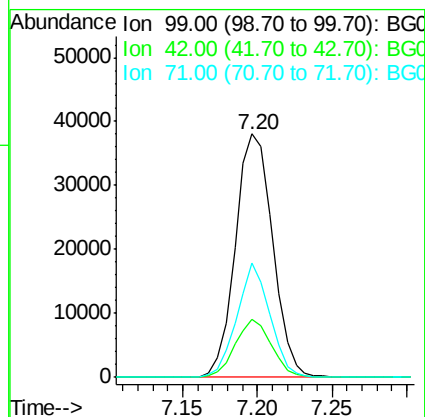
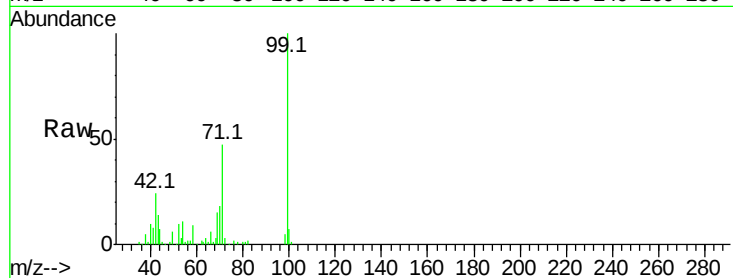
Tot Ion: 99 Resp: 65959

Ion Ratio Lower Upper

99 100

42 24.1 19.5 29.3

71 47.0 31.4 47.0



#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

Tgt Ion: 136 Resp: 90519

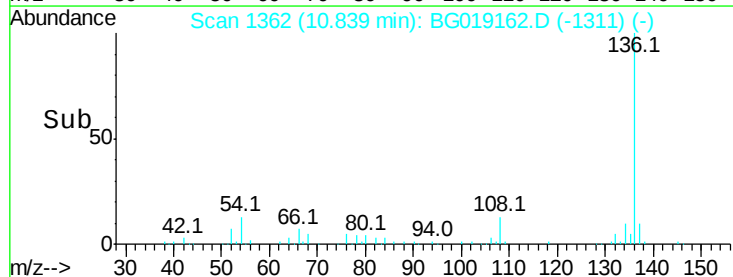
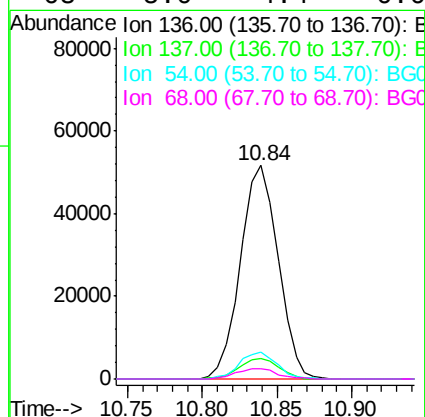
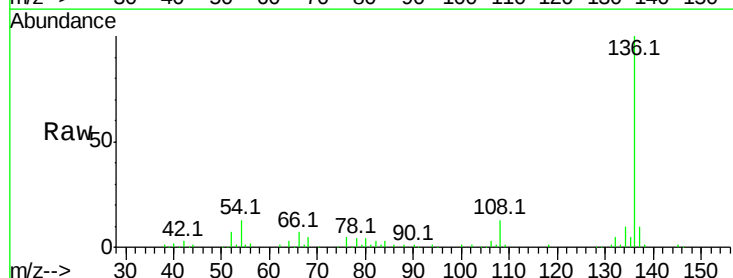
Ion Ratio Lower Upper

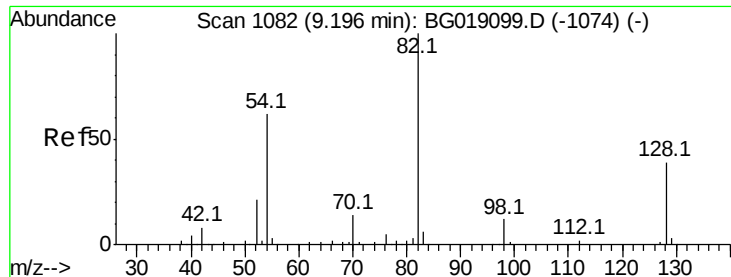
136 100

137 9.7 9.0 13.4

54 12.6 10.1 15.1

68 5.0 4.4 6.6

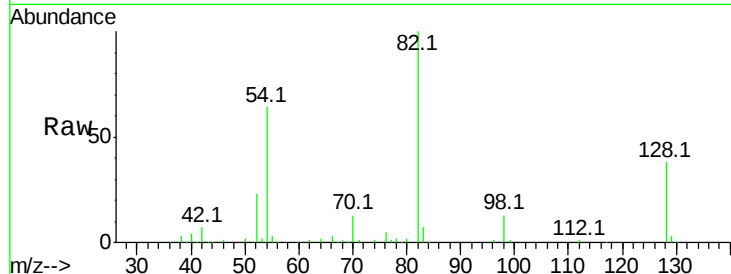




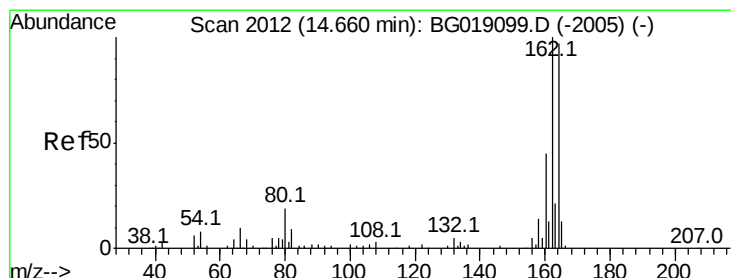
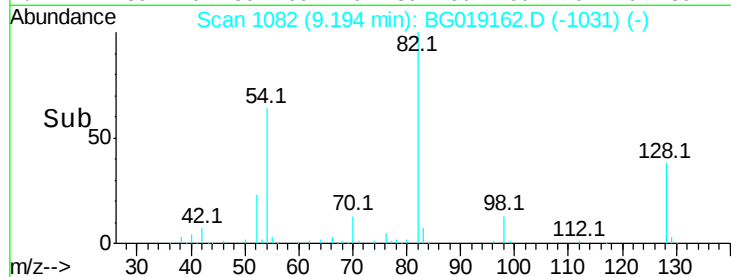
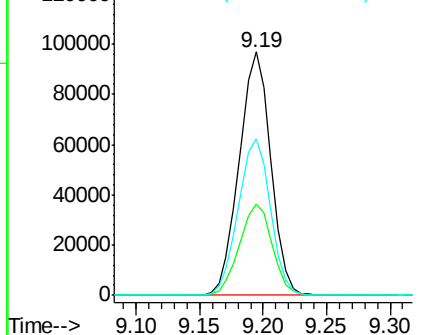
#23
Nitrobenzene-d5
Concen: 102.41 ng
RT: 9.19 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019162.D
Acq: 12 Oct 2015 14:56

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

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

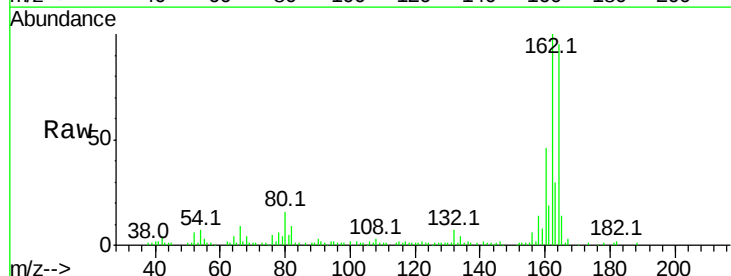


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

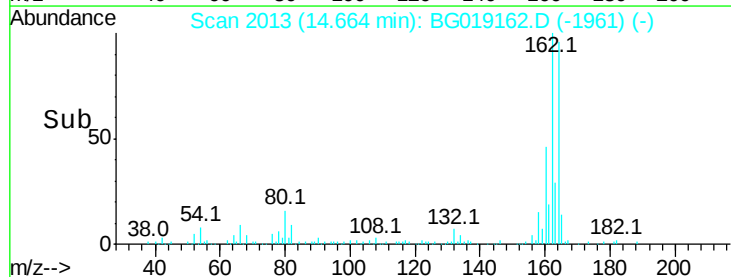
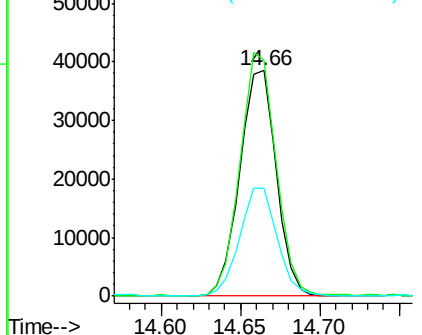


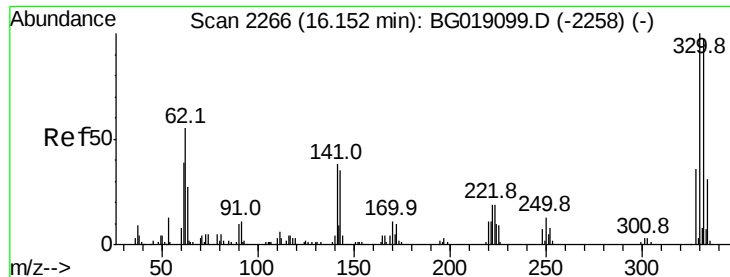
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG019162.D
Acq: 12 Oct 2015 14:56

Tgt 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): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

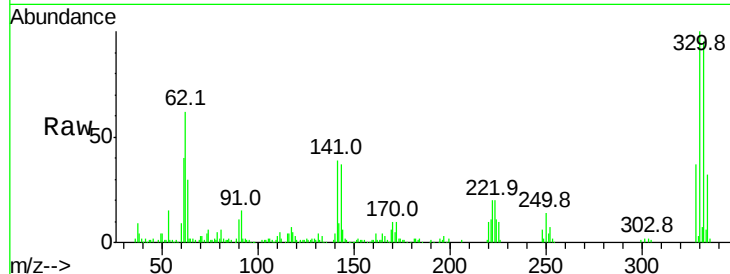




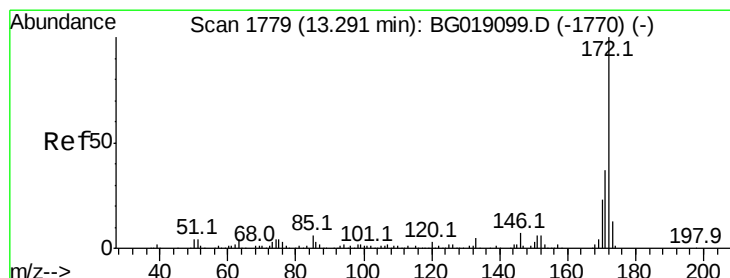
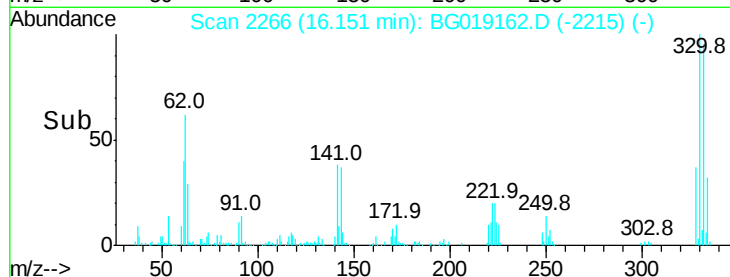
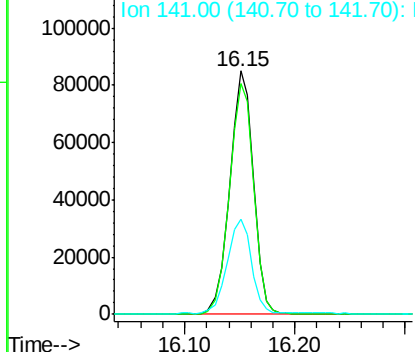
#41
 2,4,6-Tribromophenol
 Concen: 151.94 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019162.D
 Acq: 12 Oct 2015 14:56

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C7-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	41.6	30.7	46.1

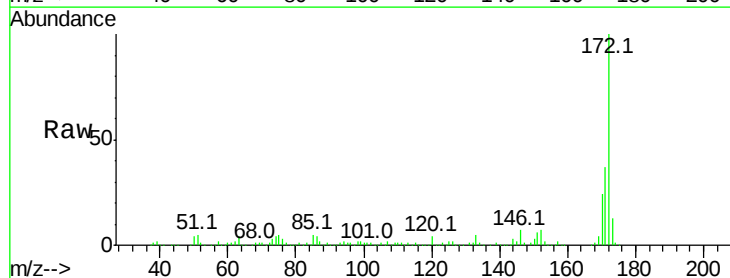


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

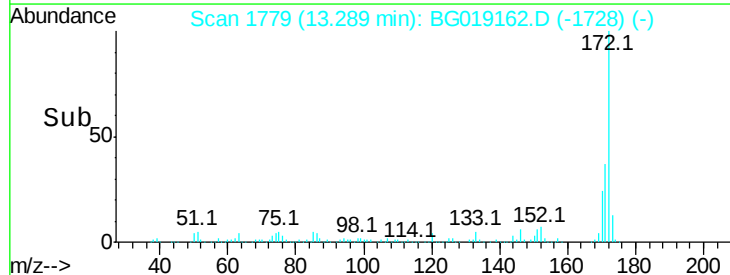
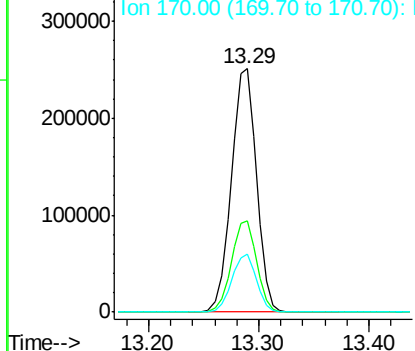


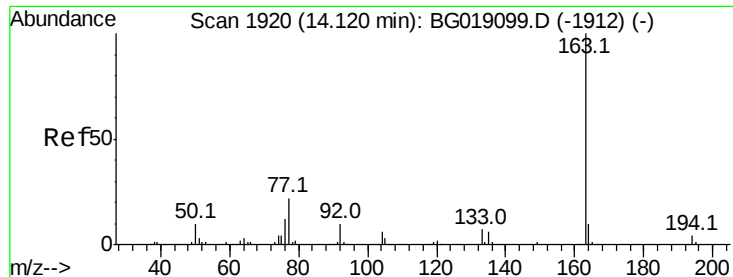
#44
 2-Fluorobiphenyl
 Concen: 100.27 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG019162.D
 Acq: 12 Oct 2015 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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: 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

Instrument :

BNA_G

ClientSampleId :

OW1-C7-GW

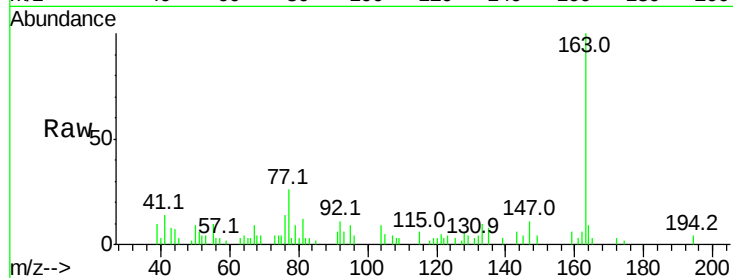
Tot Ion:163 Resp: 10411

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

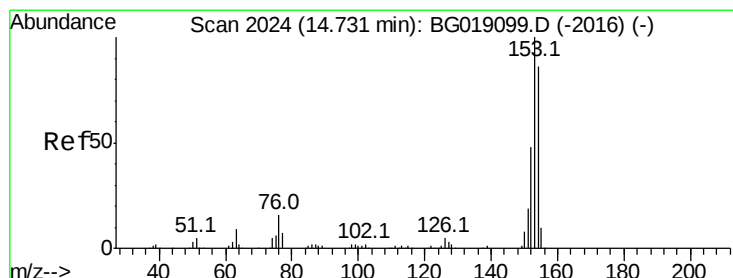
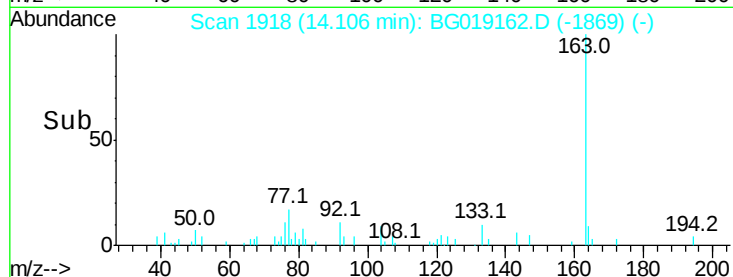
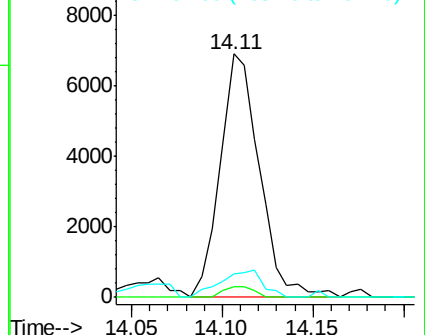
164 9.4 8.1 12.1



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: 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

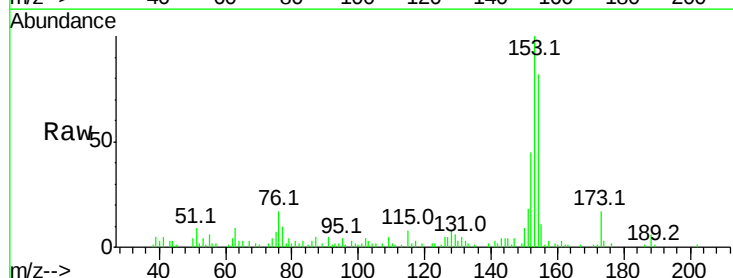
Tgt Ion:154 Resp: 16741

Ion Ratio Lower Upper

154 100

153 121.3 93.4 140.2

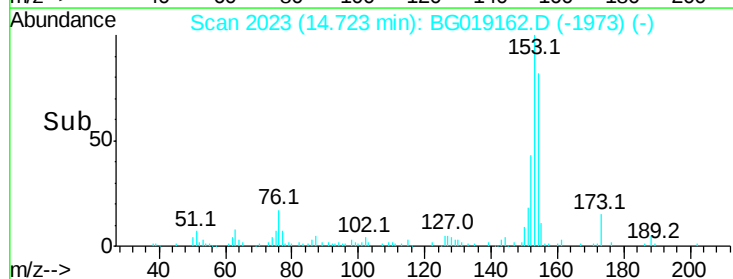
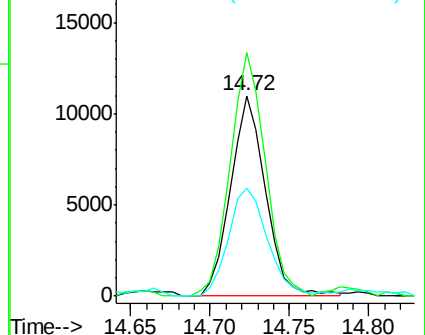
152 54.0 44.9 67.3

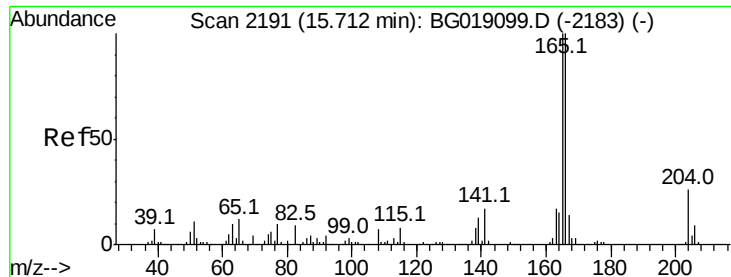


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

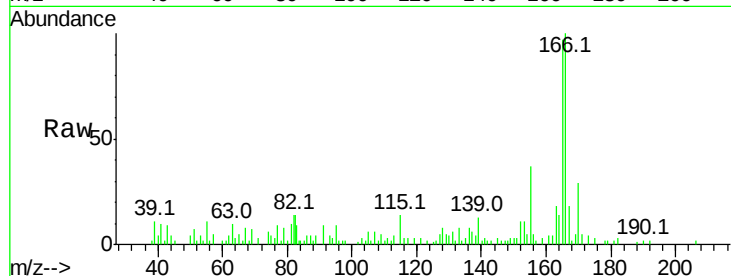




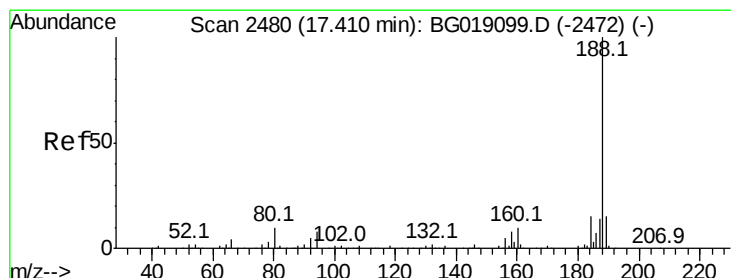
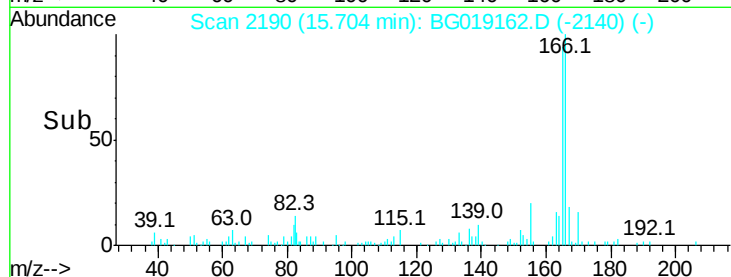
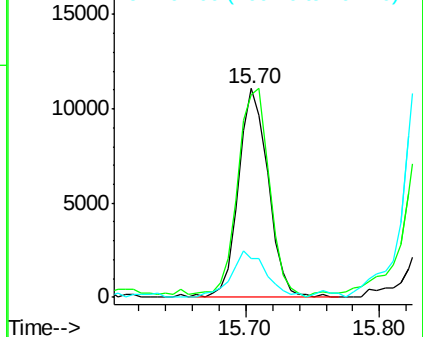
#57
Fluorene
 Concen: 3.64 ng
 RT: 15.70 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019162.D
 Acq: 12 Oct 2015 14:56

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C7-GW

Tot Ion:166 Resp: 17031
 Ion Ratio Lower Upper
 166 100
 165 97.0 80.2 120.2
 167 18.4 11.4 17.0#

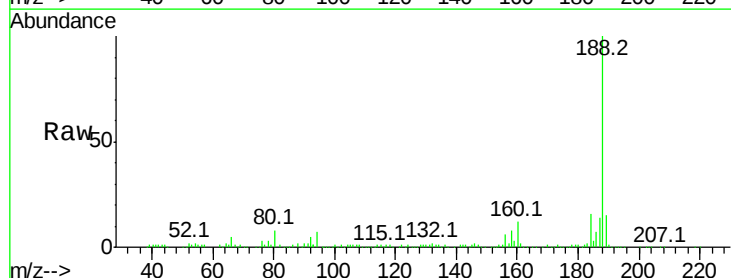


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

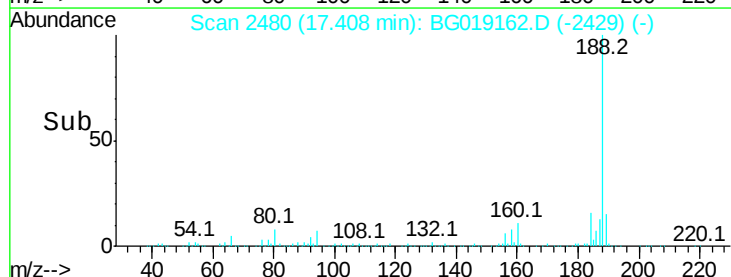
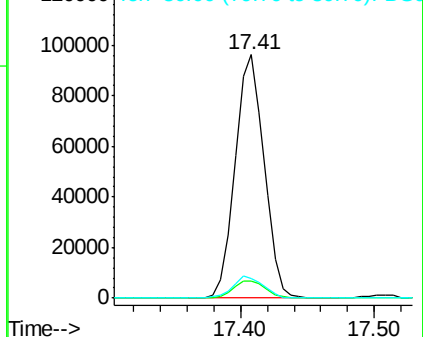


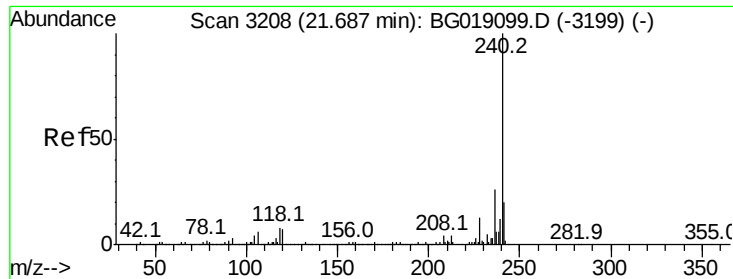
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.41 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG019162.D
 Acq: 12 Oct 2015 14:56

Tgt 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): BG0
 Ion 80.00 (79.70 to 80.70): BG0





#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

Instrument :

BNA_G

ClientSampleId :

OW1-C7-GW

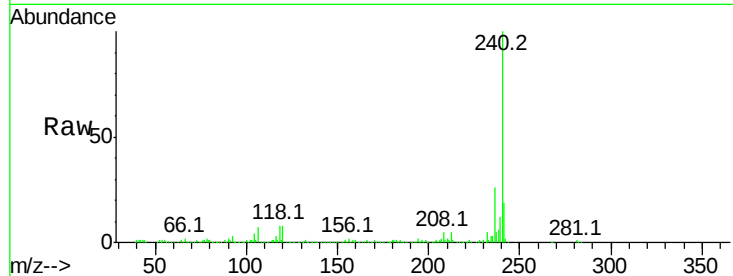
Tot Ion:240 Resp: 168018

Ion Ratio Lower Upper

240 100

120 7.9 5.8 8.6

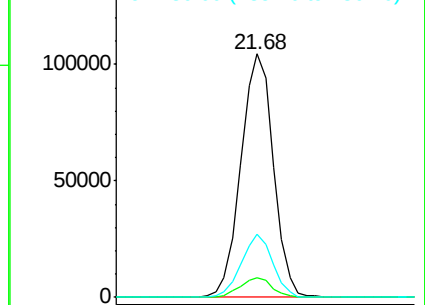
236 25.8 21.2 31.8



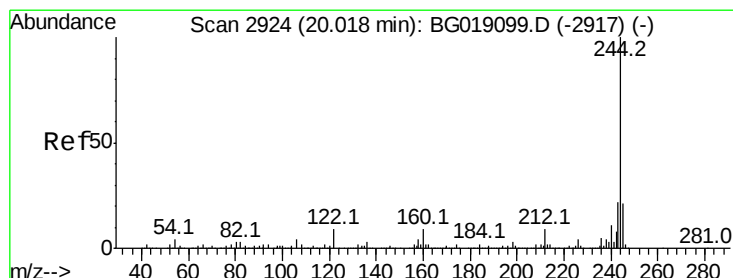
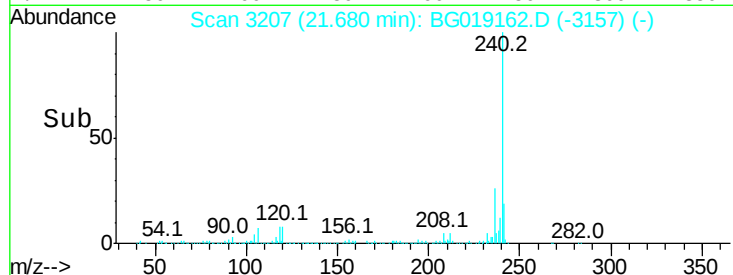
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#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

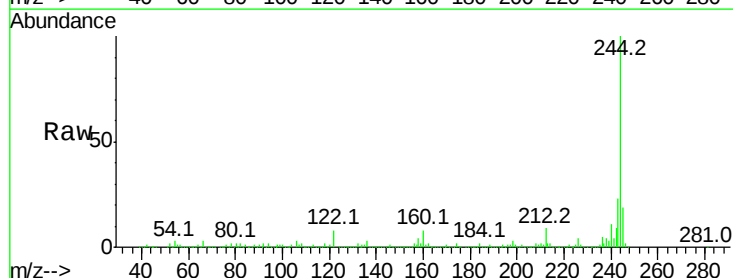
Tgt Ion:244 Resp: 516433

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

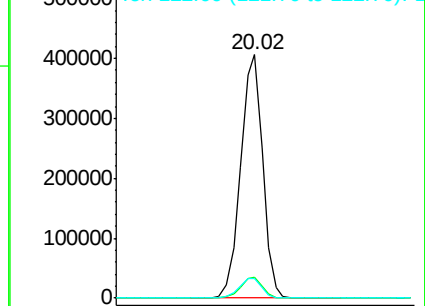
122 7.9 7.4 11.2



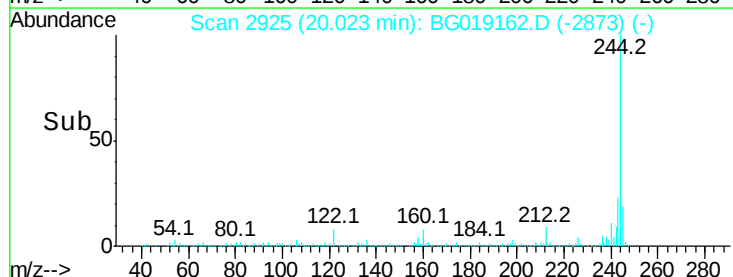
Abundance Ion 244.00 (243.70 to 244.70): E

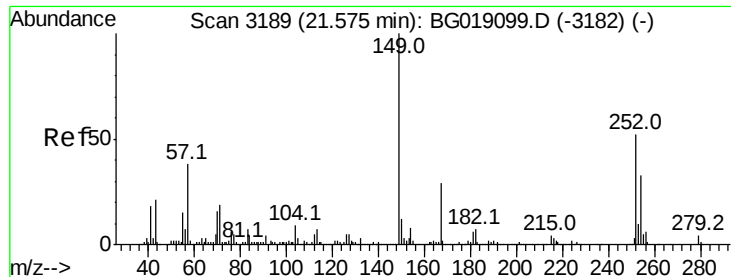
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

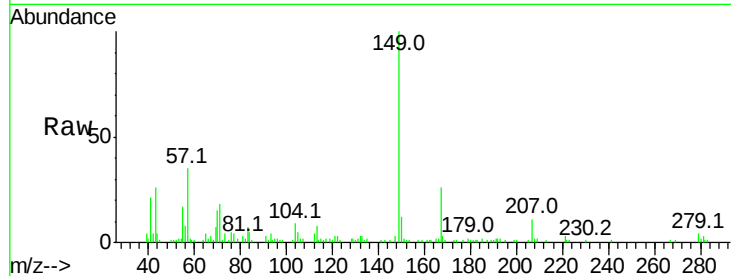




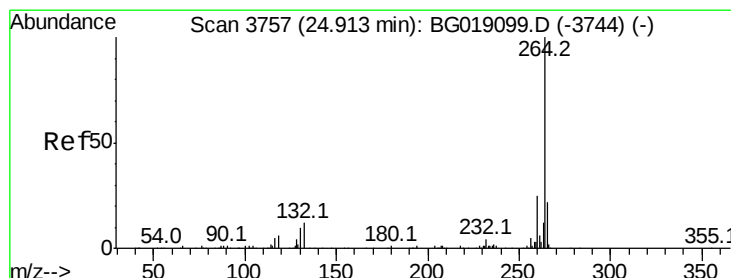
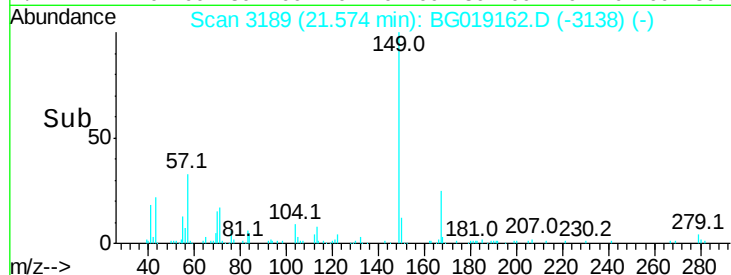
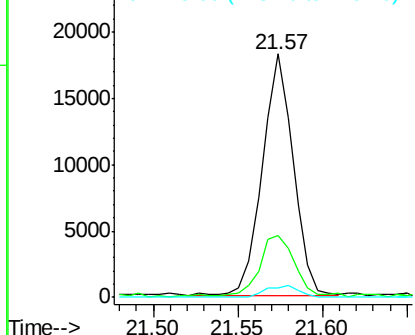
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.35 ng
RT: 21.57 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BG019162.D
Acq: 12 Oct 2015 14:56

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

Tot Ion:149 Resp: 23154
Ion Ratio Lower Upper
149 100
167 25.6 22.8 34.2
279 4.0 3.6 5.4

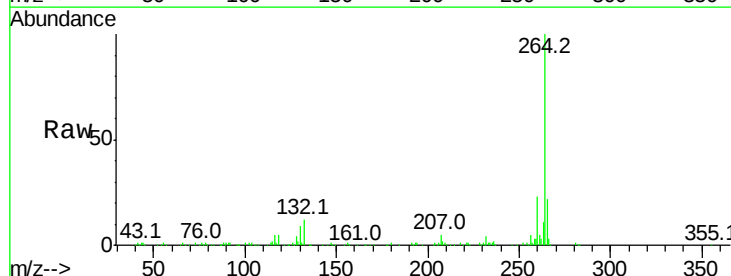


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-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

Tgt Ion:264 Resp: 168399
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 21.7 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

