

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022361.D
 Acq On : 15 Jun 2016 9:23
 Operator : UM/SJ
 Sample : H3574-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Jun 15 14:24:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

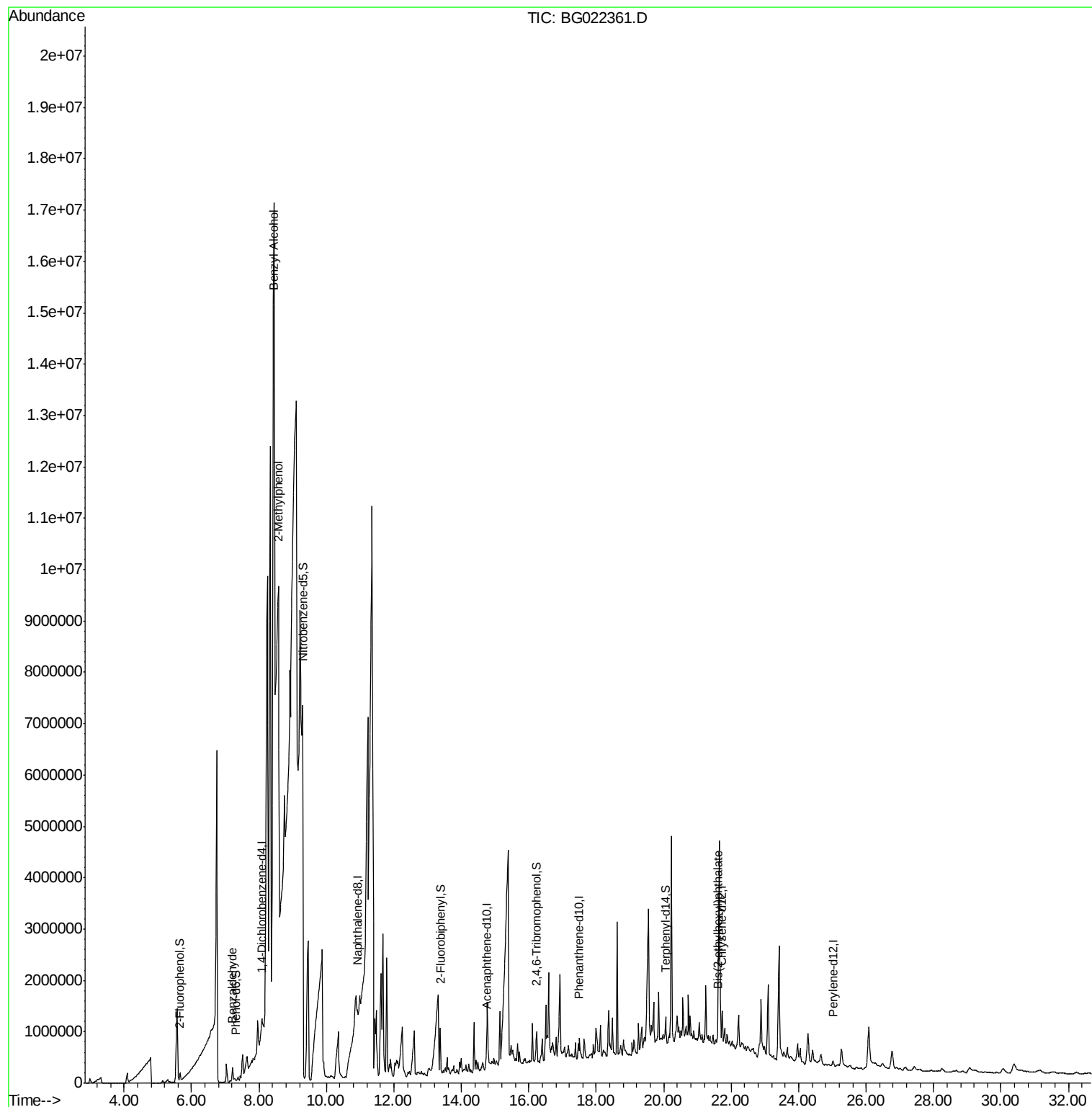
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37988	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	222120	20.00	ng	0.01
38) Acenaphthene-d10	14.74	164	92425	20.00	ng	0.01
63) Phenanthrene-d10	17.47	188	177035	20.00	ng	0.00
75) Chrysene-d12	21.73	240	154910	20.00	ng	0.00
86) Perylene-d12	25.02	264	142873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	113436	57.74	ng	0.02
7) Phenol-d6	7.33	99	109112	35.32	ng	0.08
23) Nitrobenzene-d5	9.29	82	184438	57.89	ng	0.03
41) 2,4,6-Tribromophenol	16.22	330	98677	94.49	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	286683	47.27	ng	0.03
78) Terphenyl-d14	20.06	244	188169	28.84	ng	0.00
Target Compounds						
9) Benzaldehyde	7.21	77	98036	57.66	ng	Qvalue # 77
15) Benzyl Alcohol	8.44	79	5042264m	2526.34	ng	
17) 2-Methylphenol	8.58	107	5201457m	2188.53	ng	
83) Bis(2-ethylhexyl)phthalate	21.59	149	58118	8.85	ng	99

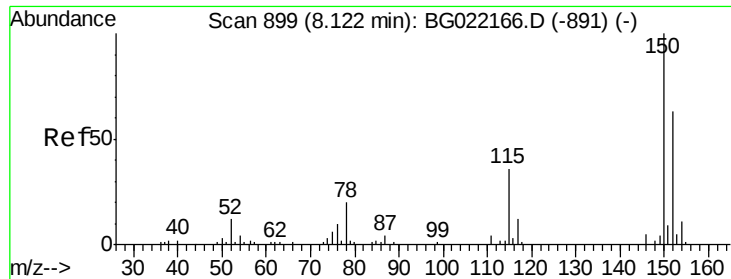
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

Instrument :

BNA_G

ClientSampleId :

MW-24

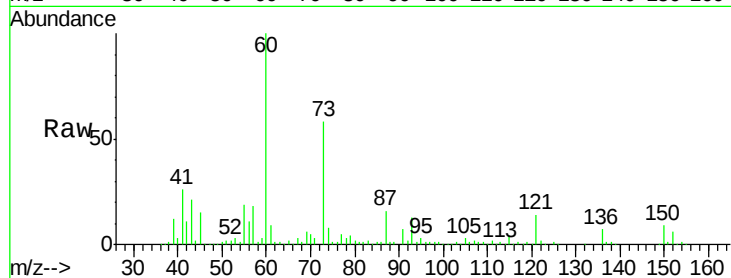
Tot Ion:152 Resp: 37988

Ion Ratio Lower Upper

152 100

150 145.8 130.1 195.1

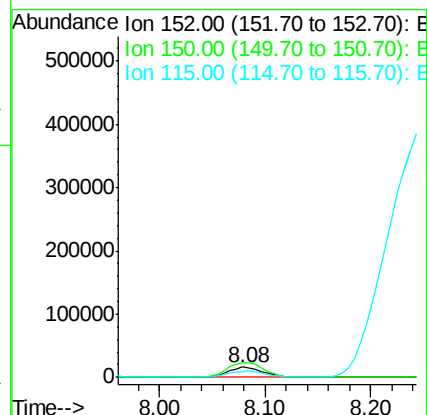
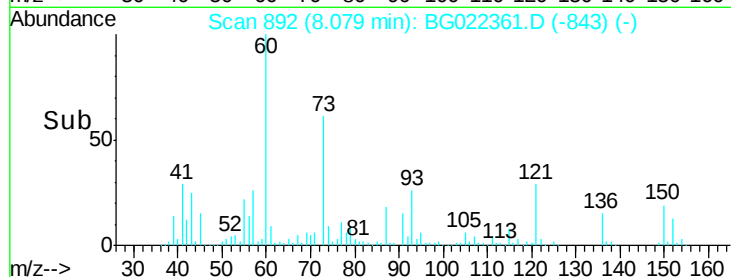
115 58.5 62.2 93.2#



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: 57.74 ng

RT: 5.66 min Scan# 480

Delta R.T. 0.02 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

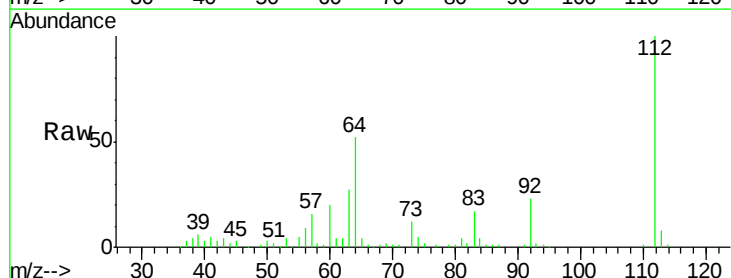
Tgt Ion:112 Resp: 113436

Ion Ratio Lower Upper

112 100

64 52.4 51.1 76.7

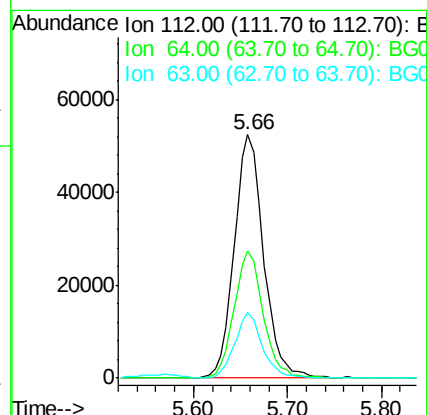
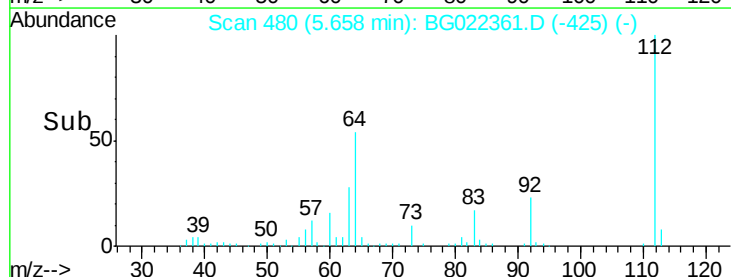
63 27.1 24.6 37.0

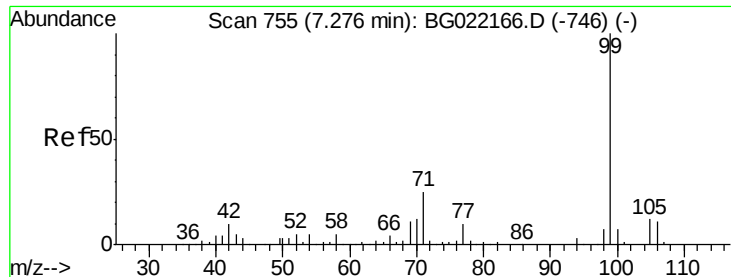


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.32 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.08 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

Instrument :

BNA_G

ClientSampled :

MW-24

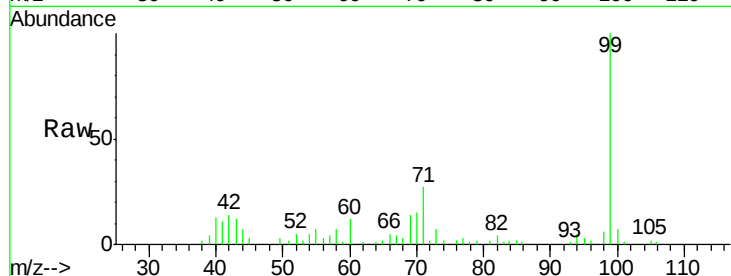
Tot Ion: 99 Resp: 109112

Ion Ratio Lower Upper

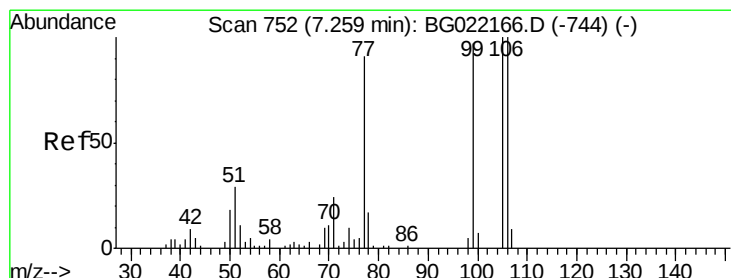
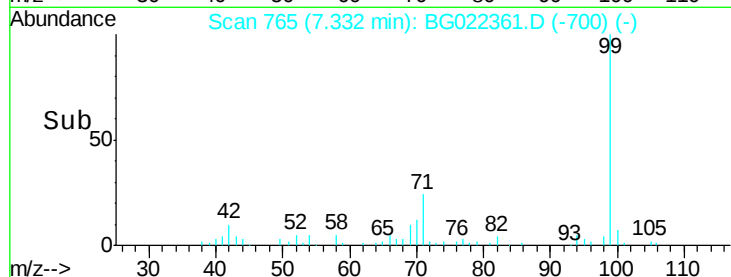
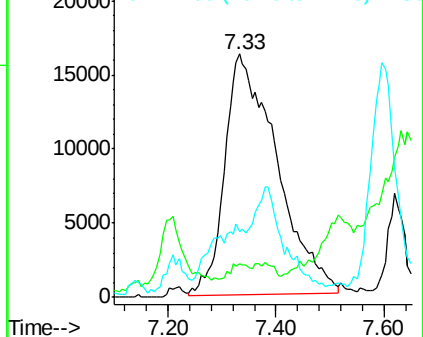
99 100

42 13.8 16.4 24.6#

71 26.8 25.0 37.4



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



#9

Benzaldehyde

Concen: 57.66 ng

RT: 7.21 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

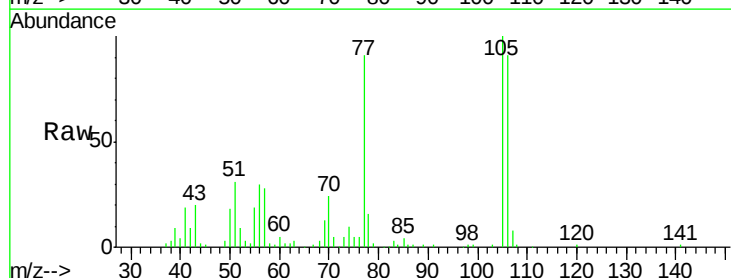
Tgt Ion: 77 Resp: 98036

Ion Ratio Lower Upper

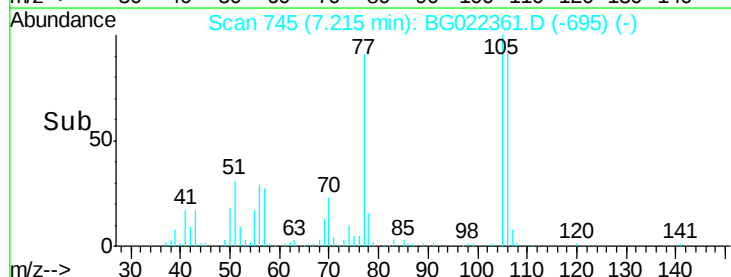
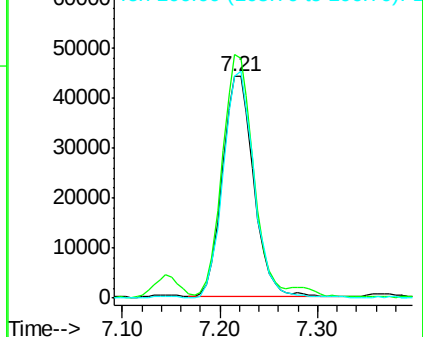
77 100

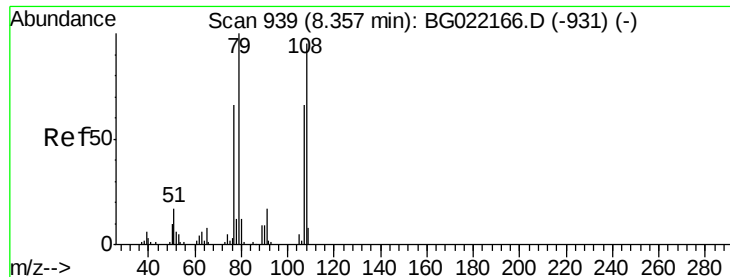
105 109.8 62.1 102.1#

106 100.1 65.6 105.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 2526.34 ng/mL

RT: 8.44 min Scan# 954

Delta R.T. 0.11 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

Instrument :

BNA_G

ClientSampleID :

MW-24

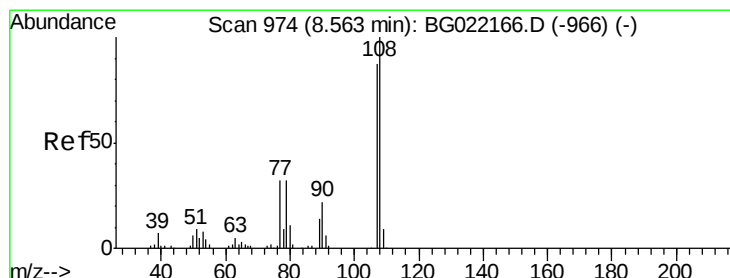
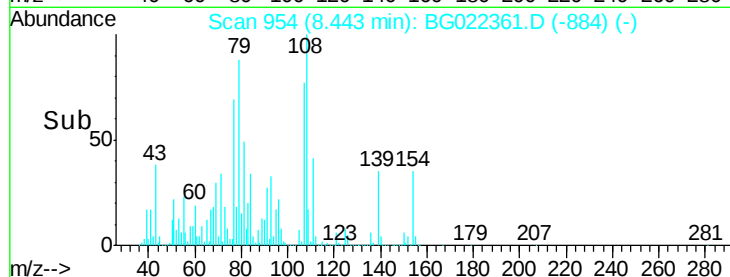
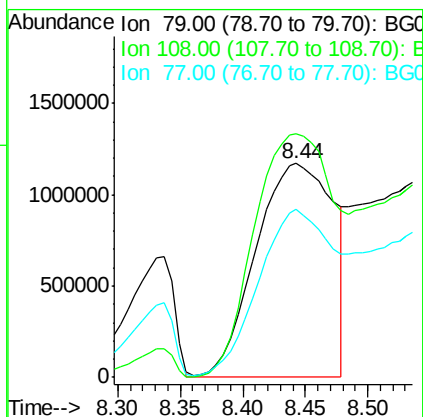
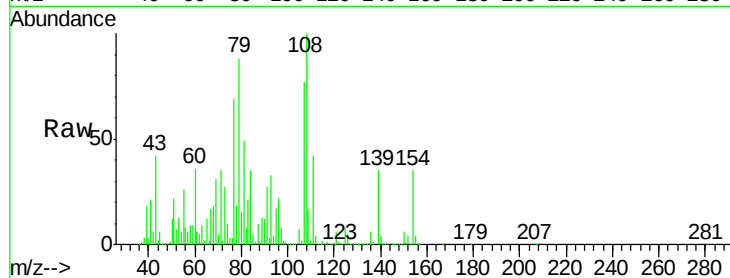
Tot Ion: 79 Resp: 5042264

Ion Ratio Lower Upper

79 100

108 113.9 59.4 89.0#

77 78.4 52.2 78.2#



#17

2-Methylphenol

Concen: 2188.53 ng/mL

RT: 8.58 min Scan# 977

Delta R.T. 0.04 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

Tgt Ion: 107 Resp: 5201457

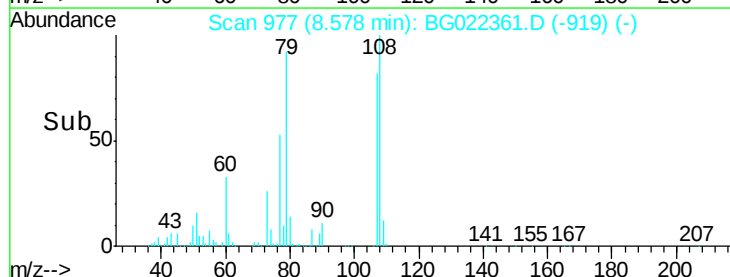
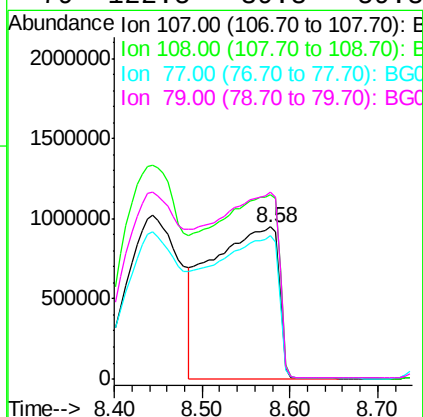
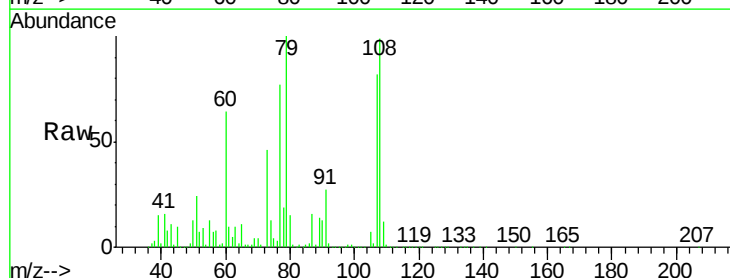
Ion Ratio Lower Upper

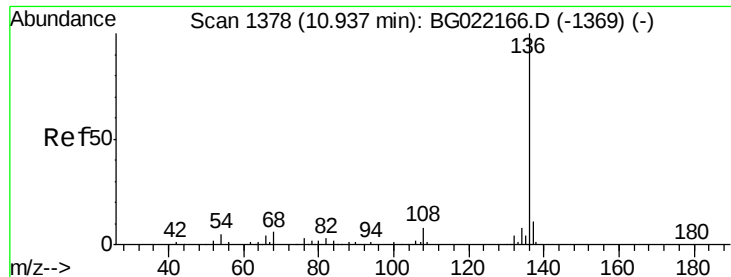
107 100

108 121.2 80.2 120.4#

77 93.9 40.7 61.1#

79 122.5 39.8 59.8#

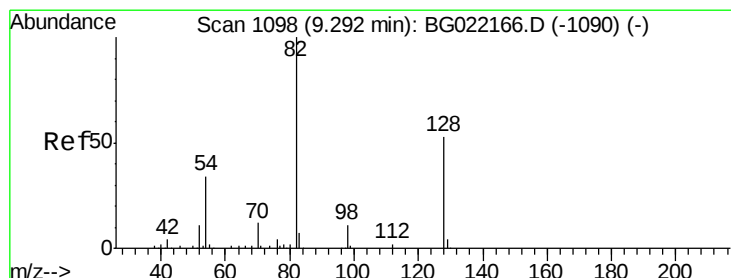
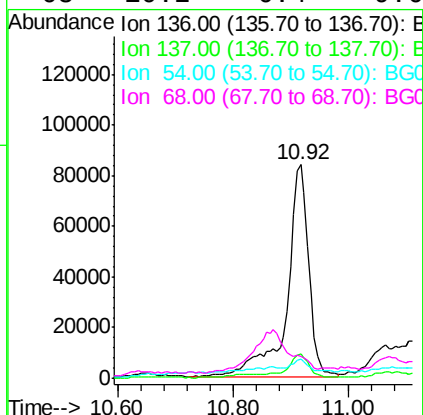
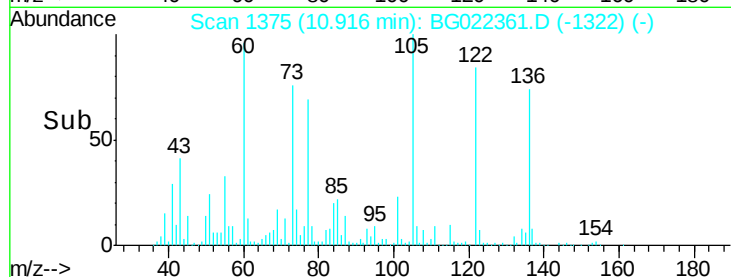
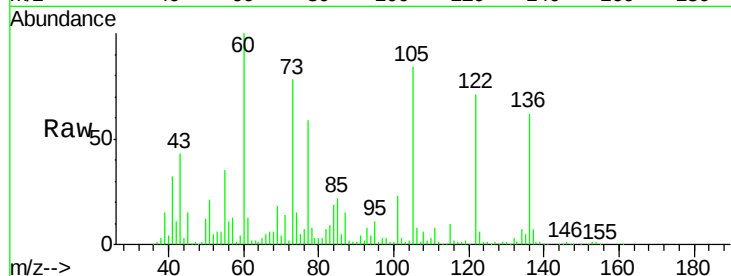




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BG022361.D
Acq: 15 Jun 2016 9:23

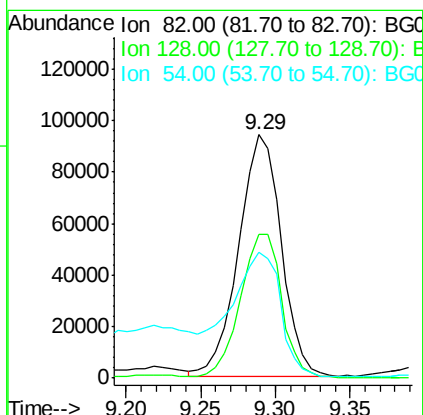
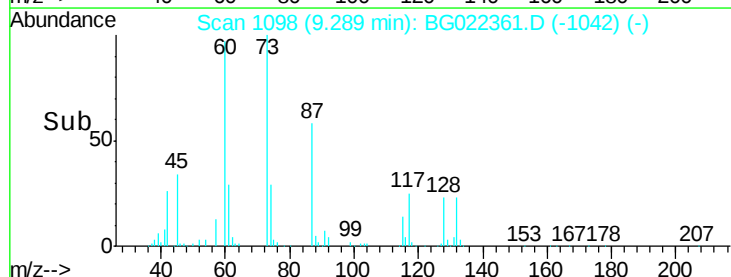
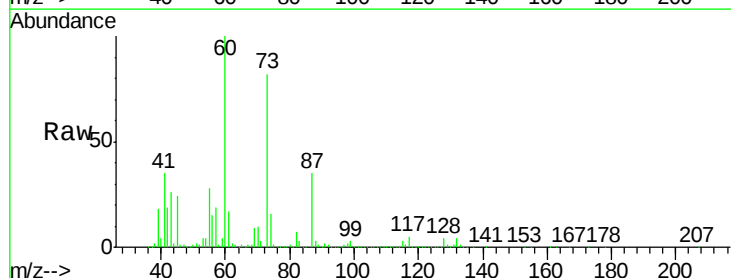
Instrument :
BNA_G
ClientSampleId :
MW-24

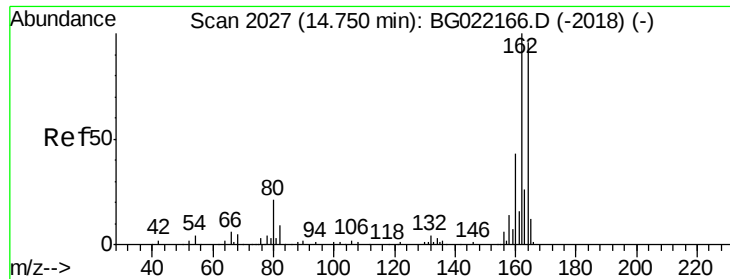
Tot Ion:136	Resp:	222120
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	8.9	9.6 14.4#
68	10.2	6.4 9.6#



#23
Nitrobenzene-d5
Concen: 57.89 ng
RT: 9.29 min Scan# 1098
Delta R.T. 0.03 min
Lab File: BG022361.D
Acq: 15 Jun 2016 9:23

Tgt Ion: 82	Resp:	184438
Ion	Ratio	Lower Upper
82	100	
128	58.9	33.4 50.0#
54	51.7	46.1 69.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

Instrument :

BNA_G

ClientSampleId :

MW-24

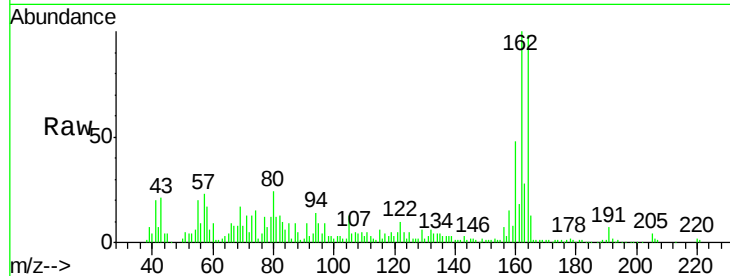
Tot Ion:164 Resp: 92425

Ion Ratio Lower Upper

164 100

162 102.4 78.0 117.0

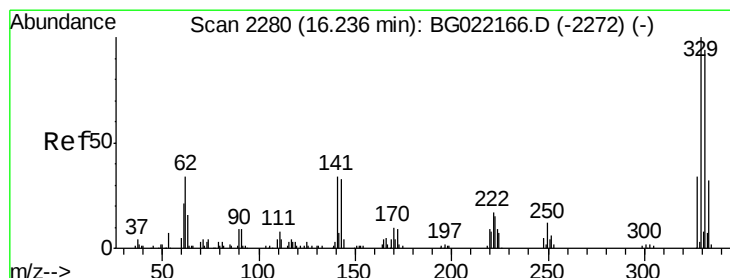
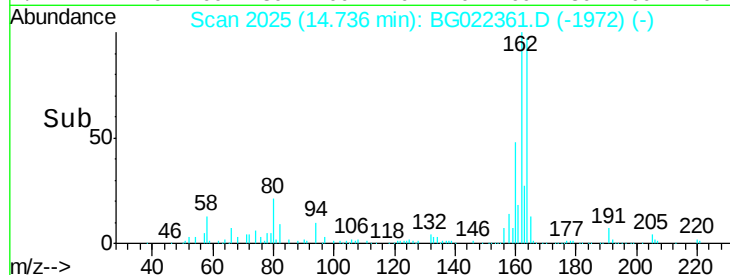
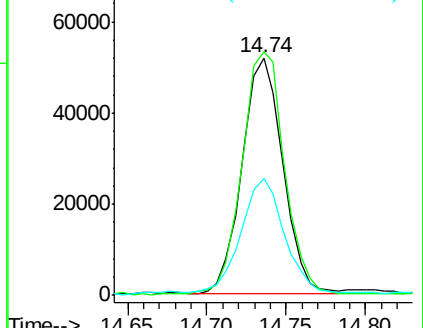
160 49.4 32.9 49.3#



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: 94.49 ng

RT: 16.22 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

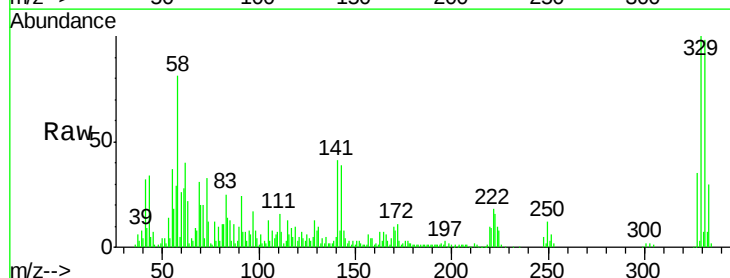
Tgt Ion:330 Resp: 98677

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

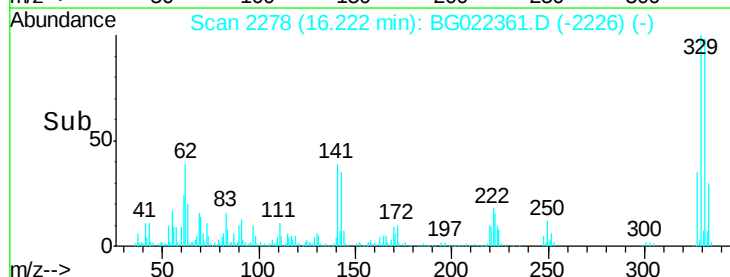
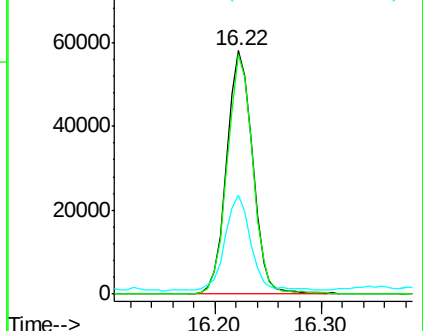
141 37.5 33.8 50.8

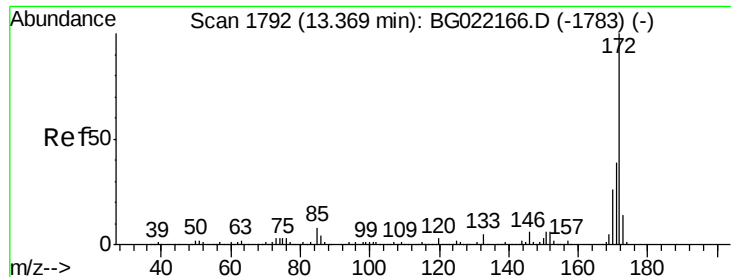


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

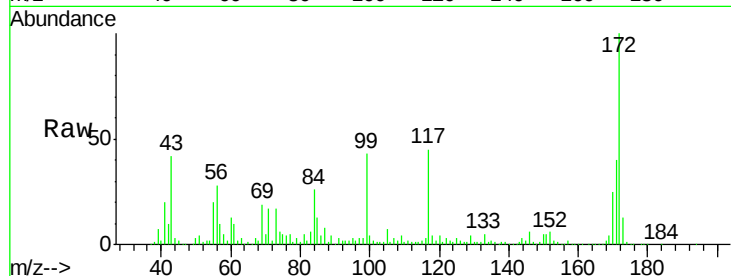




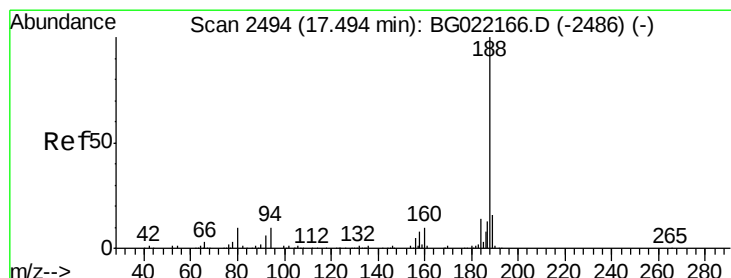
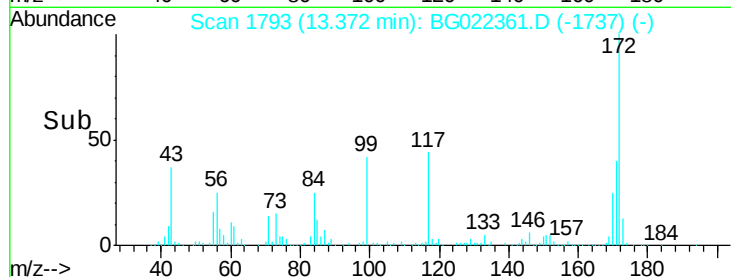
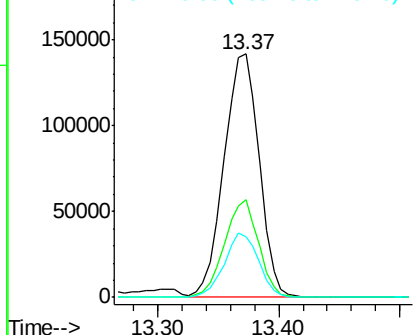
#44
2-Fluorobiphenyl
Concen: 47.27 ng
RT: 13.37 min Scan# 1793
Delta R.T. 0.03 min
Lab File: BG022361.D
Acq: 15 Jun 2016 9:23

Instrument :
BNA_G
ClientSampleId :
MW-24

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	27.8	41.6
170	24.9	19.6	29.4

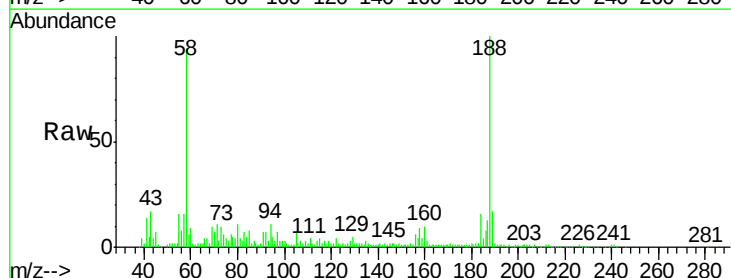


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

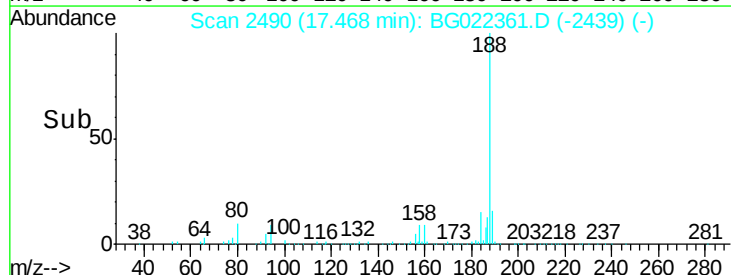
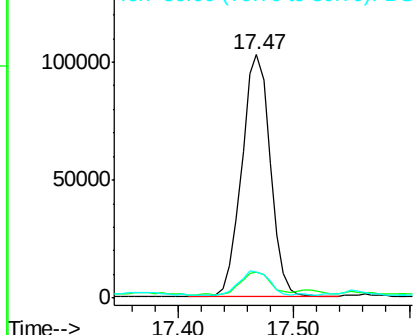


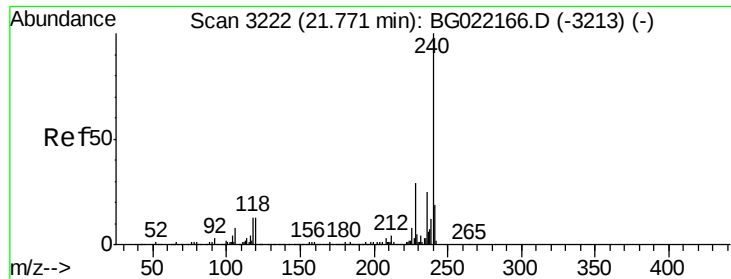
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG022361.D
Acq: 15 Jun 2016 9:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.5	11.3
80	10.9	8.6	13.0



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

Instrument :

BNA_G

ClientSampled :

MW-24

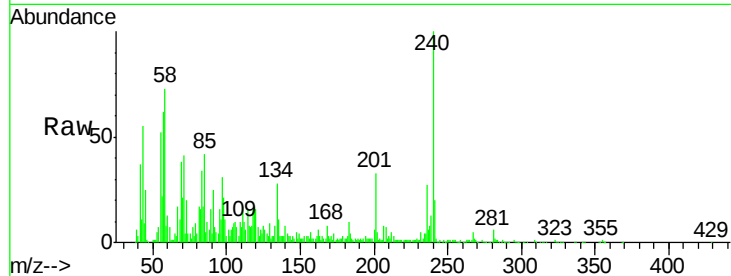
Tot Ion:240 Resp: 154910

Ion Ratio Lower Upper

240 100

120 15.9 8.4 12.6#

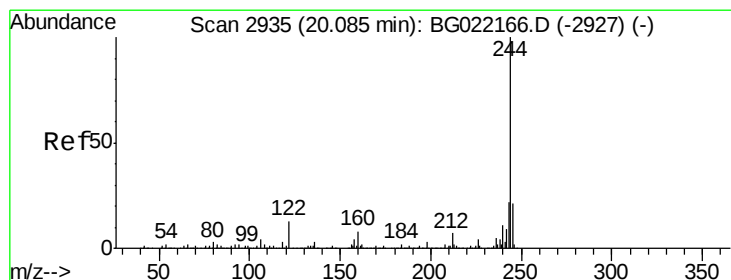
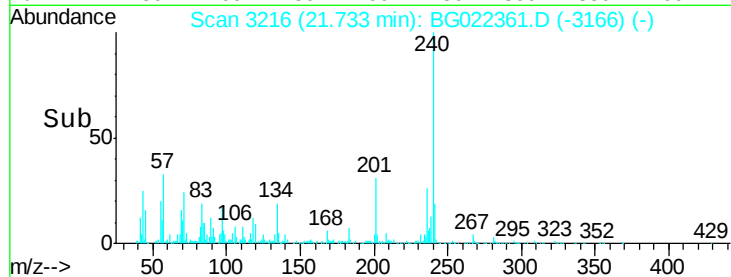
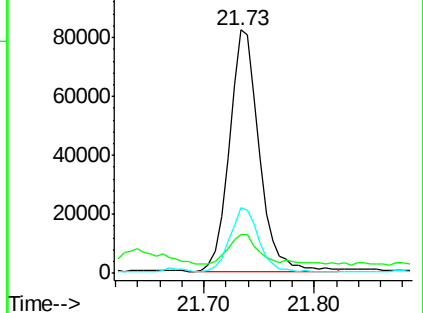
236 26.8 19.6 29.4



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: 28.84 ng

RT: 20.06 min Scan# 2931

Delta R.T. -0.00 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

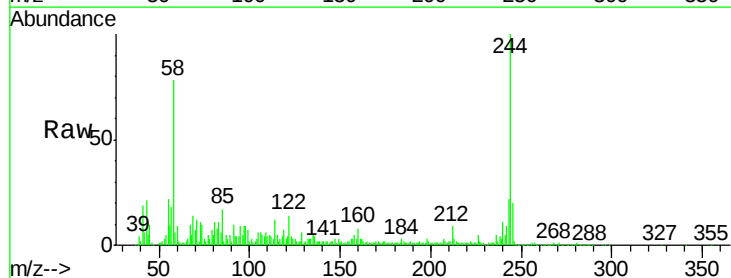
Tgt Ion:244 Resp: 188169

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

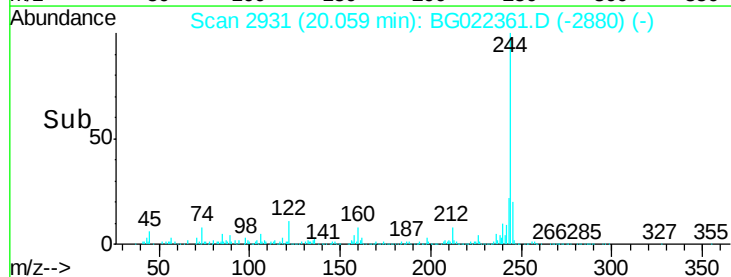
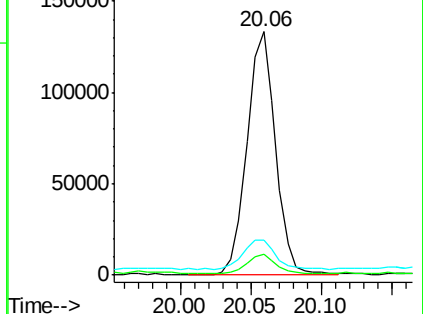
122 14.3 8.6 12.8#

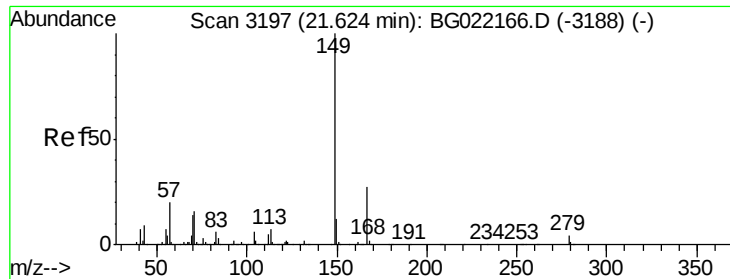


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.85 ng

RT: 21.59 min Scan# 3192

Delta R.T. -0.00 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

Instrument :

BNA_G

ClientSampleId :

MW-24

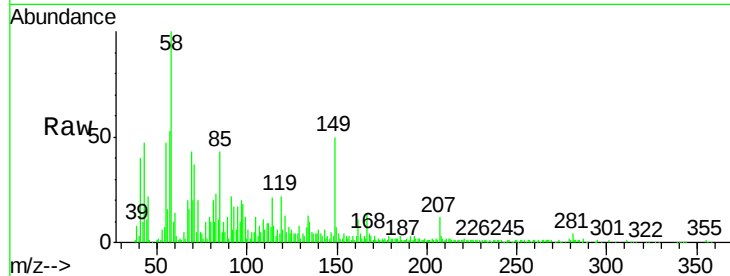
Tot Ion:149 Resp: 58118

Ion Ratio Lower Upper

149 100

167 27.3 22.4 33.6

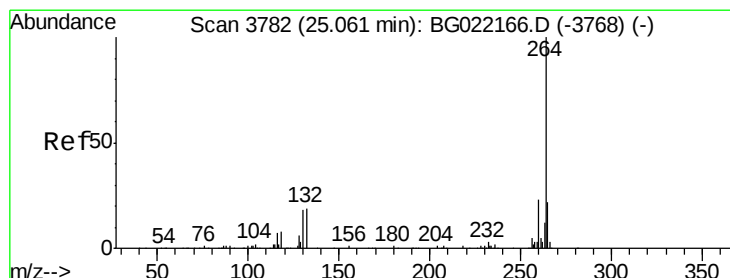
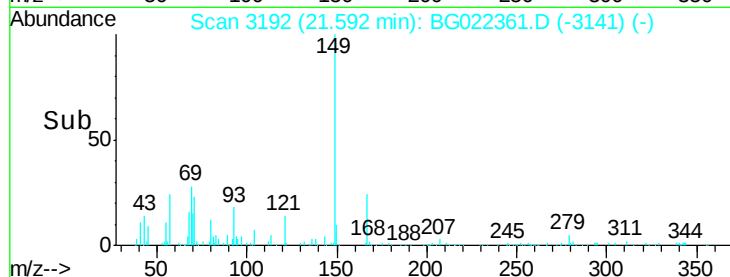
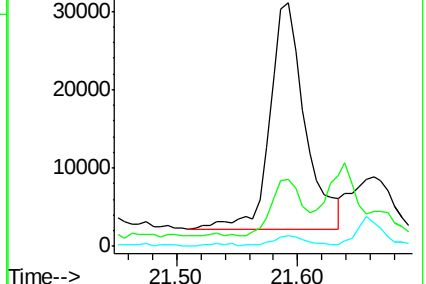
279 4.2 3.2 4.8



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: 25.02 min Scan# 3775

Delta R.T. 0.01 min

Lab File: BG022361.D

Acq: 15 Jun 2016 9:23

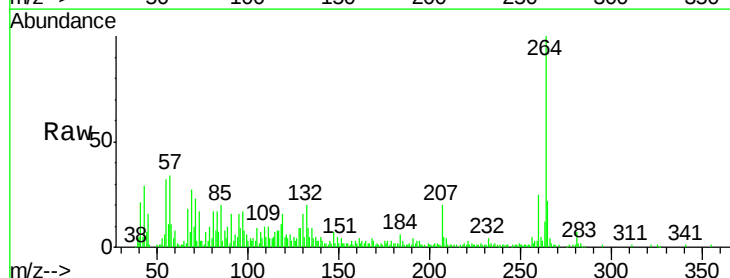
Tgt Ion:264 Resp: 142873

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.4

265 22.1 17.8 26.8



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

