

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037102.D
 Acq On : 2 Oct 2018 12:49
 Operator : JU/SJ
 Sample : J5191-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 155-CLAY

Quant Time: Oct 02 14:21:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

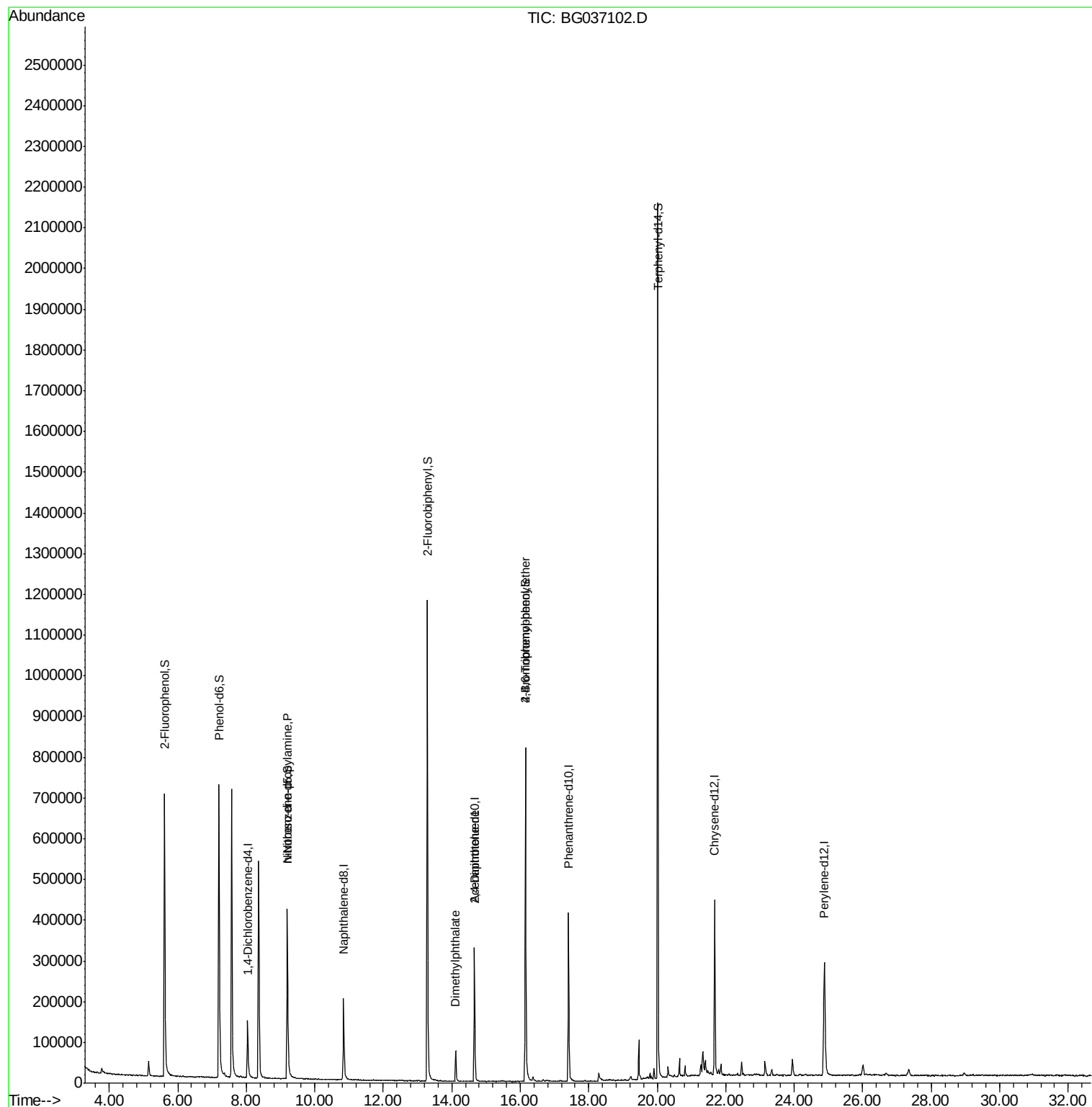
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49744	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	206358	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	126698	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	307371	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	302523	20.00	ng	-0.01
86) Perylene-d12	24.88	264	303947	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	348880	134.50	ng	0.00
7) Phenol-d6	7.20	99	477215	118.91	ng	-0.01
23) Nitrobenzene-d5	9.20	82	319943	83.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	170976	112.79	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	701868	82.51	ng	-0.01
78) Terphenyl-d14	20.01	244	1070729	93.07	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	41545	12.444	ng	# 72
49) Dimethylphthalate	14.12	163	64097	6.285	ng	# 99
56) 2,4-Dinitrotoluene	14.66	165	16241	5.231	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	12581	3.599	ng	# 1

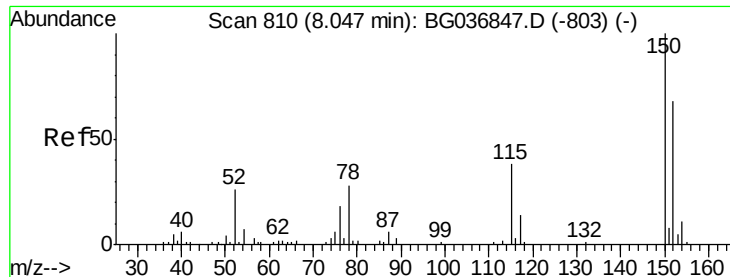
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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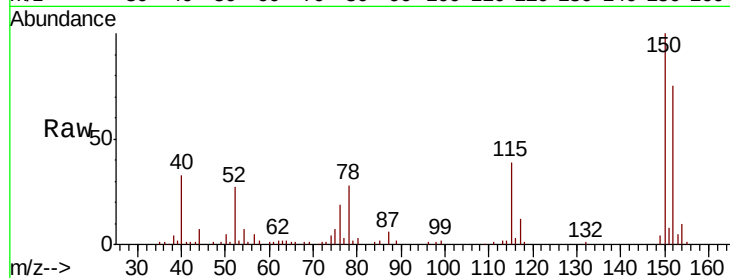


#1

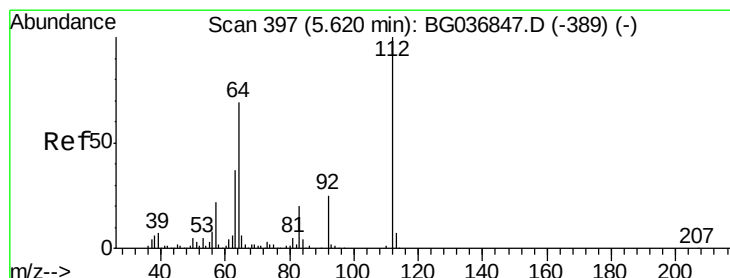
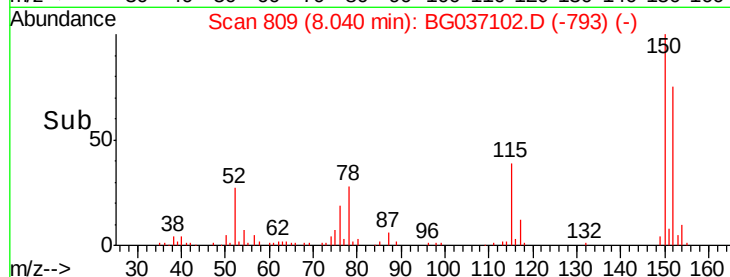
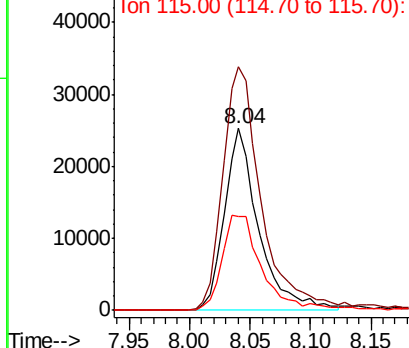
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Instrument :
BNA_G
ClientSampleId :
155-CLAY

Tot Ion:152 Resp: 49744
Ion Ratio Lower Upper
152 100
150 133.8 119.5 179.3
115 51.8 44.5 66.7



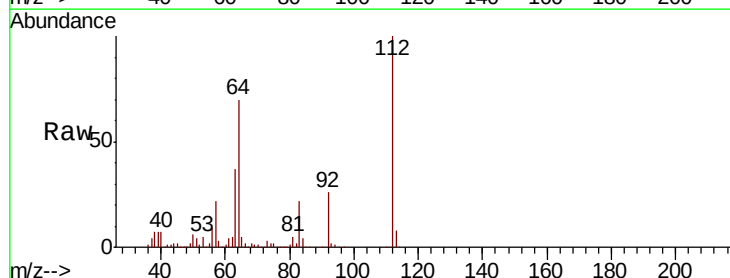
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



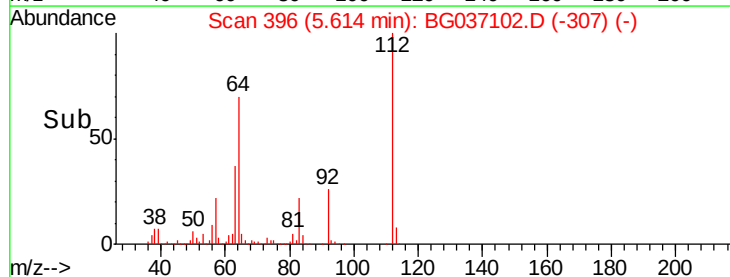
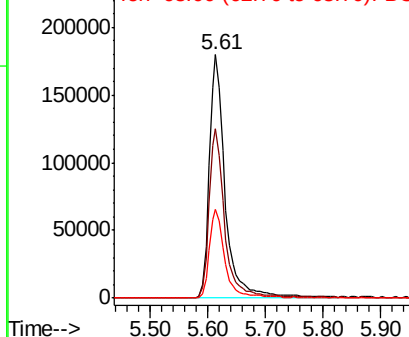
#5

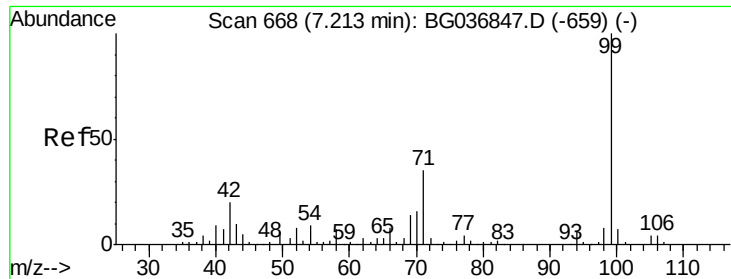
2-Fluorophenol
Concen: 134.504 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Tgt Ion:112 Resp: 348880
Ion Ratio Lower Upper
112 100
64 69.6 57.2 85.8
63 36.7 30.8 46.2



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: 118.914 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

Instrument :

BNA_G

ClientSampleId :

155-CLAY

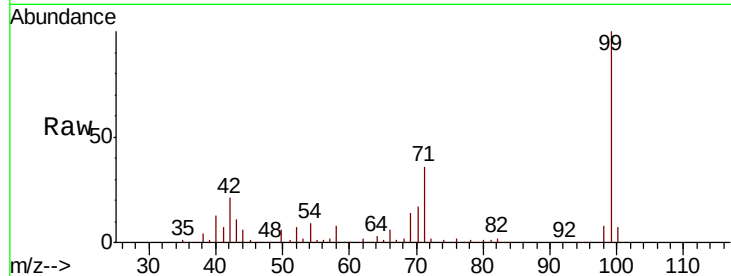
Tot Ion: 99 Resp: 477215

Ion Ratio Lower Upper

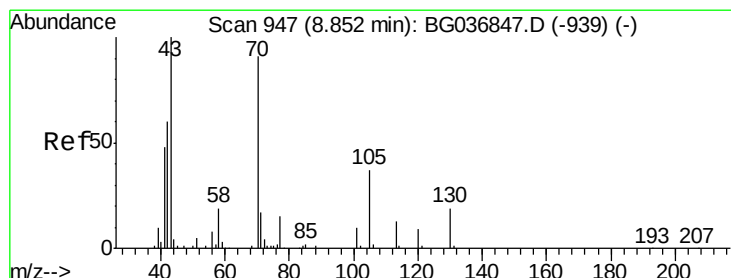
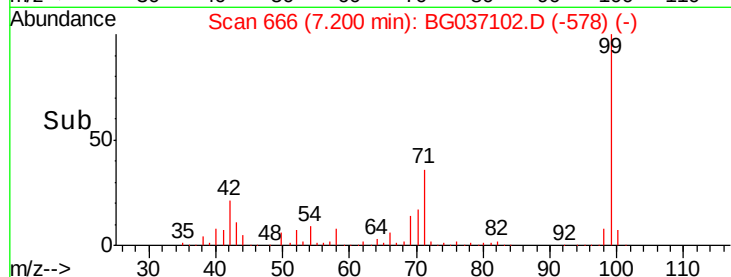
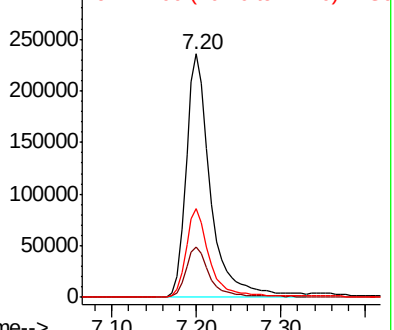
99 100

42 20.6 16.5 24.7

71 36.4 29.4 44.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.444 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

Tgt Ion: 70 Resp: 41545

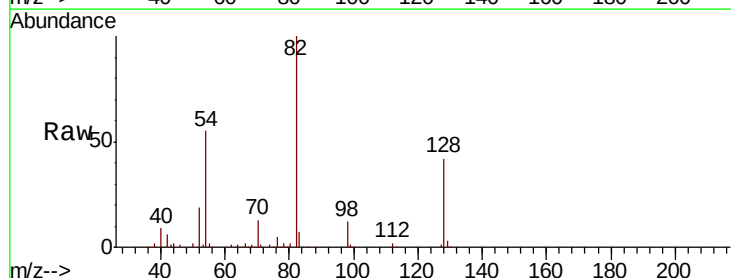
Ion Ratio Lower Upper

70 100

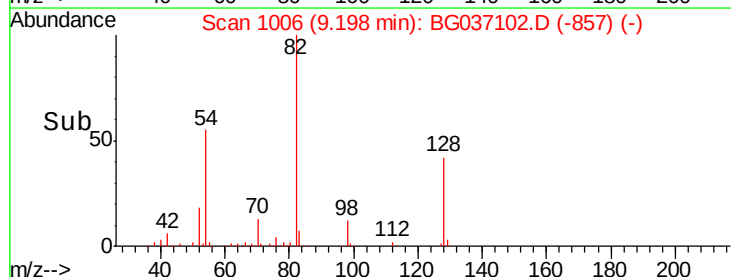
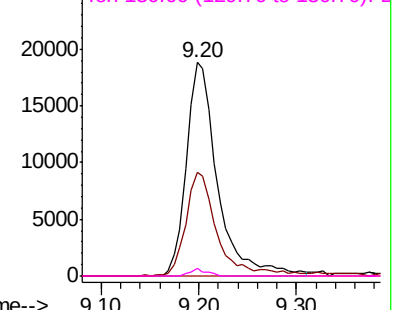
42 48.6 56.2 84.4#

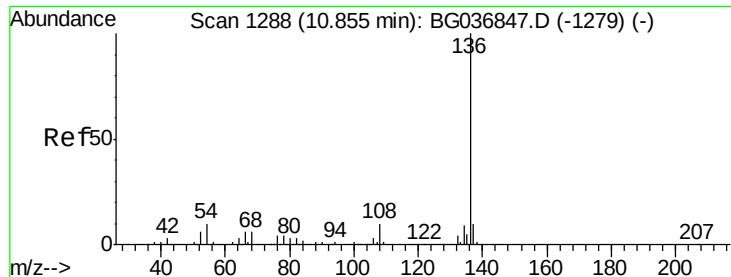
101 0.0 7.8 11.6#

130 3.6 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

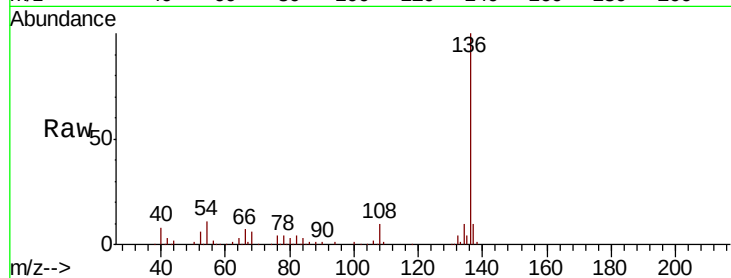




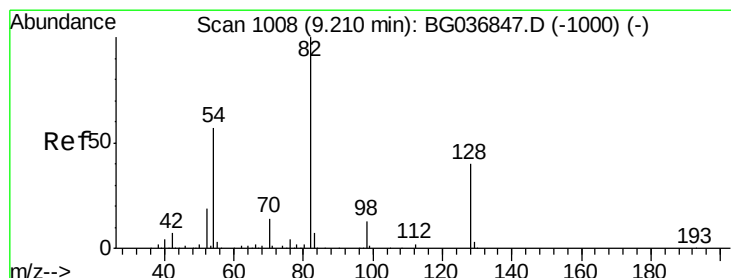
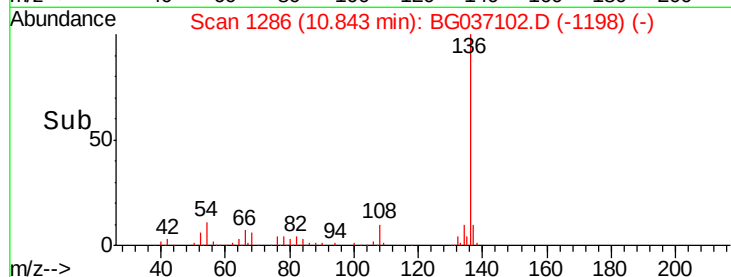
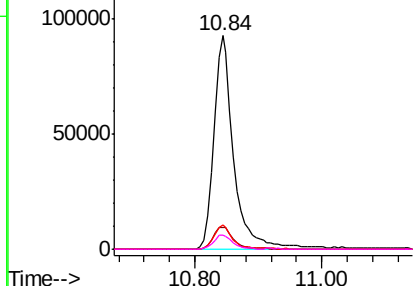
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Instrument :
BNA_G
ClientSampleId :
155-CLAY

Tot Ion:136	Resp:	206358
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.8 13.2
54	11.2	9.2 13.8
68	6.4	5.8 8.6

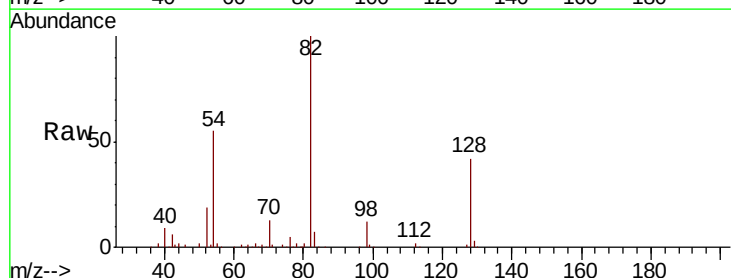


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

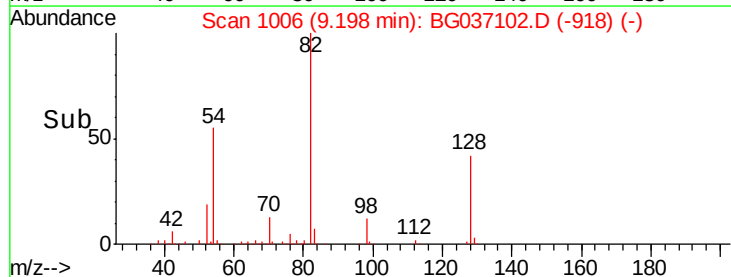
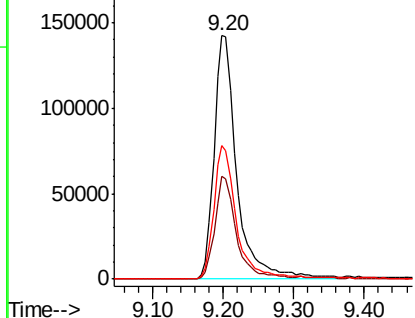


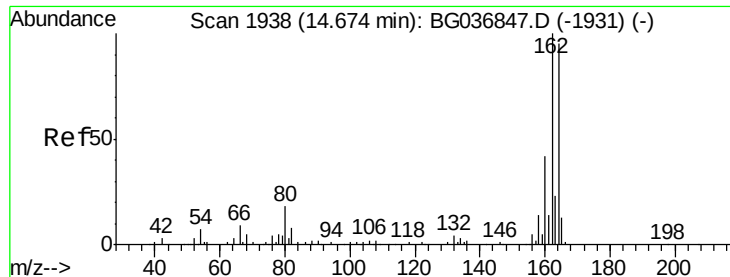
#23
Nitrobenzene-d5
Concen: 83.027 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Tgt Ion: 82	Resp:	319943
Ion	Ratio	Lower Upper
82	100	
128	42.4	33.3 49.9
54	54.8	45.1 67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

Instrument :

BNA_G

ClientSampleId :

155-CLAY

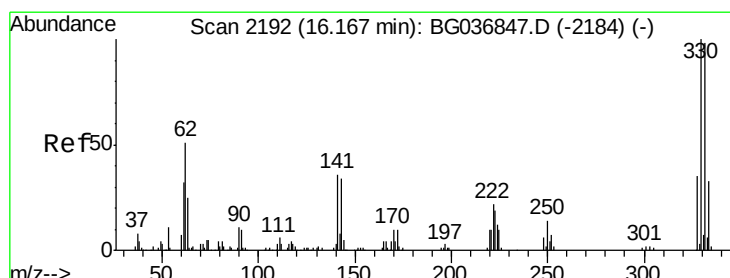
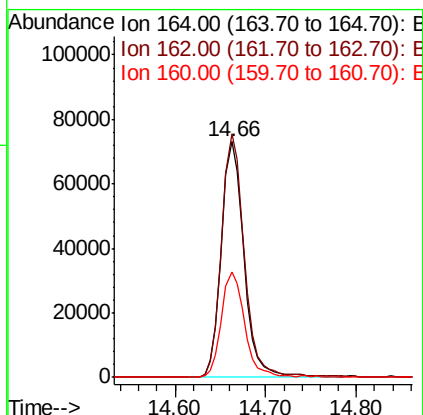
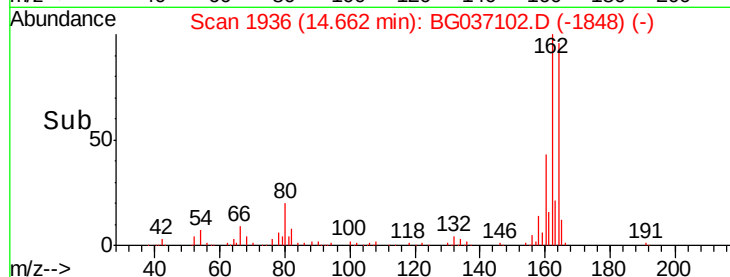
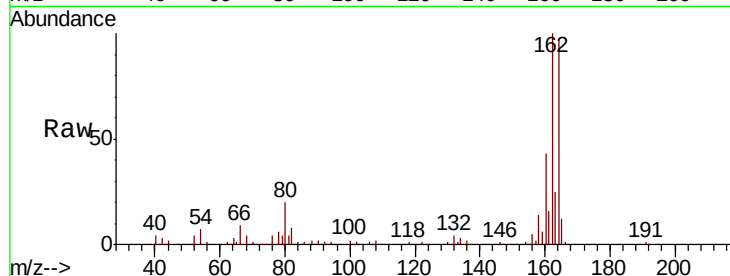
Tot Ion:164 Resp: 126698

Ion Ratio Lower Upper

164 100

162 103.5 80.7 121.1

160 44.6 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 112.791 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

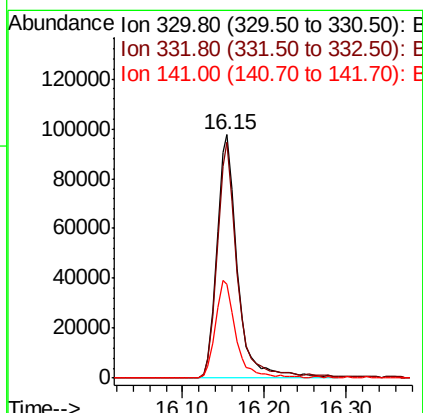
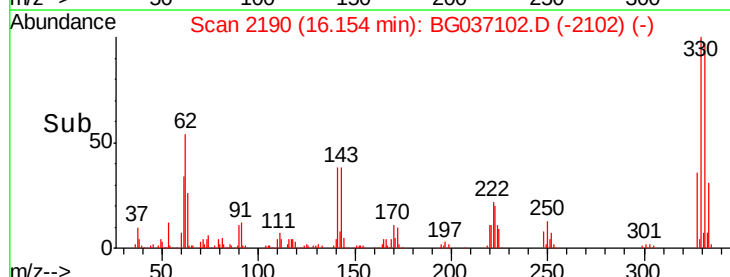
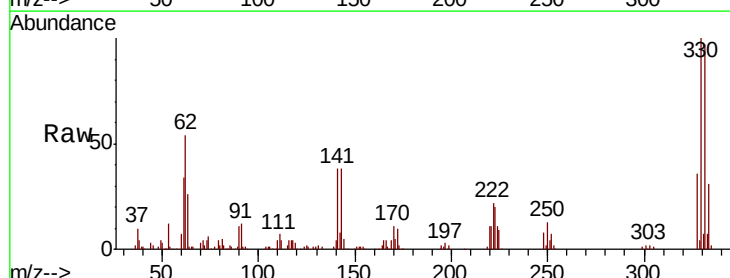
Tgt Ion:330 Resp: 170976

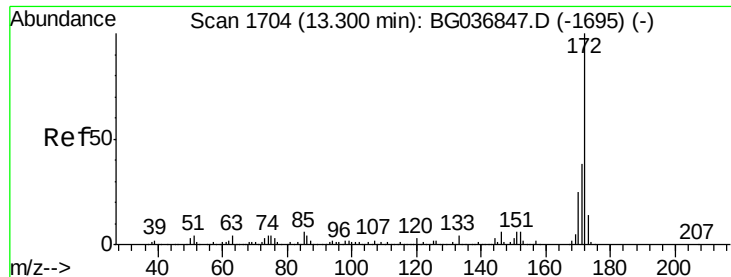
Ion Ratio Lower Upper

330 100

332 95.8 75.4 113.2

141 40.0 30.7 46.1

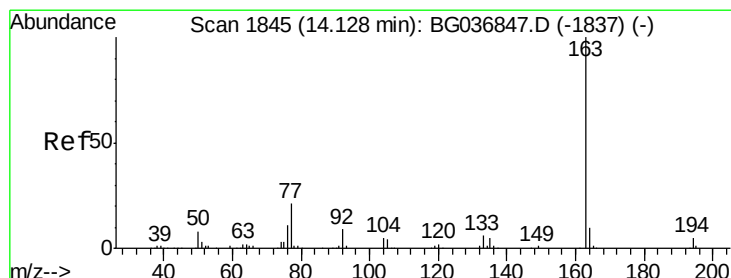
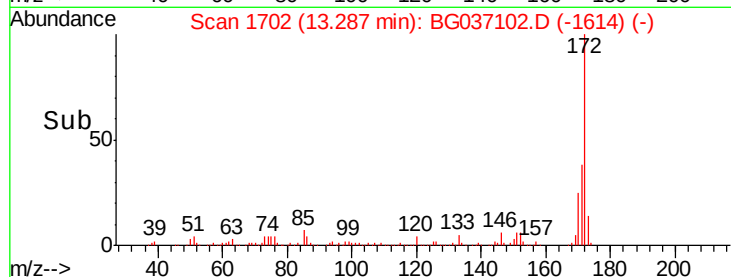
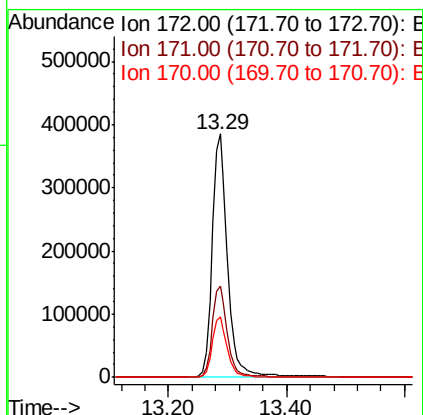
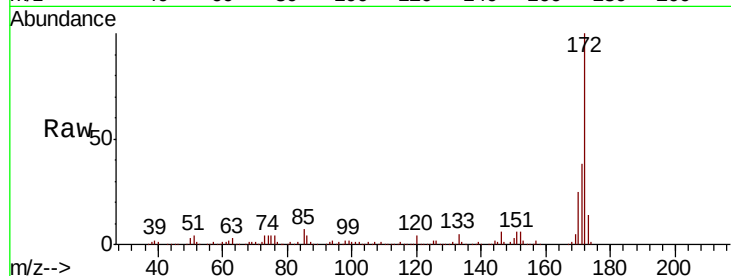




#44
2-Fluorobiphenyl
Concen: 82.508 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

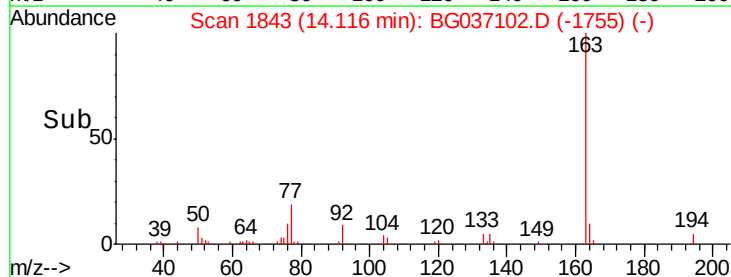
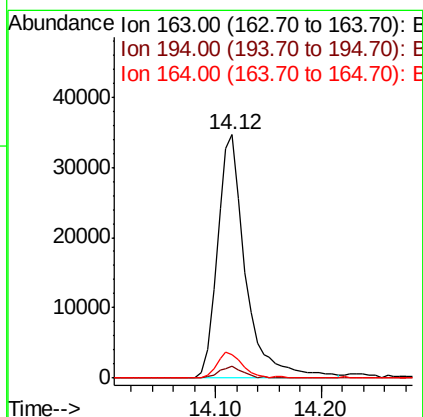
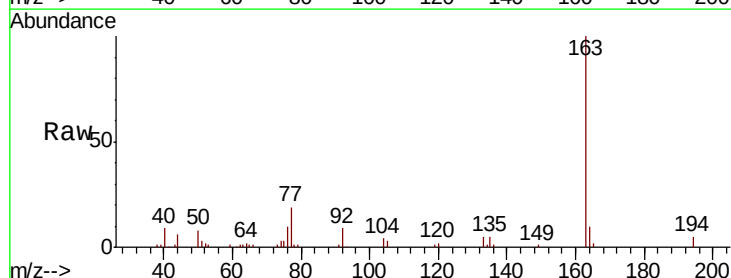
Instrument :
BNA_G
ClientSampleId :
155-CLAY

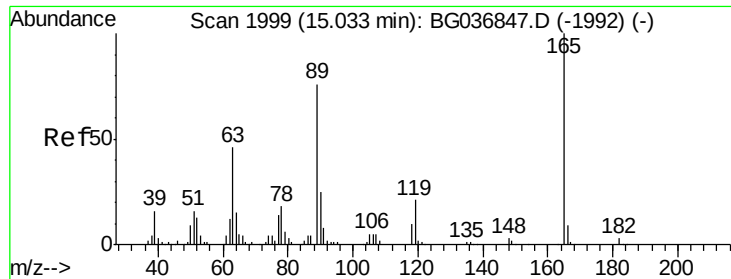
Tot Ion:172 Resp: 701868
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 25.0 21.0 31.6



#49
Dimethylphthalate
Concen: 6.285 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Tgt Ion:163 Resp: 64097
Ion Ratio Lower Upper
163 100
194 5.0 4.0 6.0
164 9.7 8.1 12.1

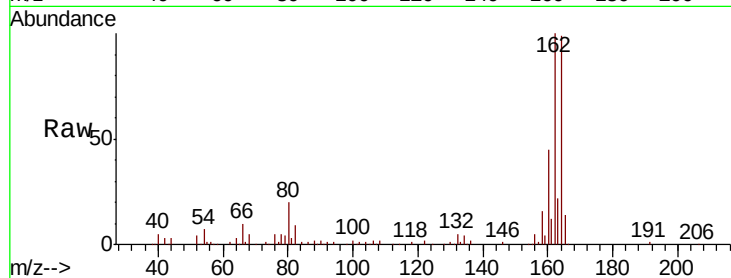




#56
 2,4-Dinitrotoluene
 Concen: 5.231 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.38 min
 Lab File: BG037102.D
 Acq: 2 Oct 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :
 155-CLAY

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#

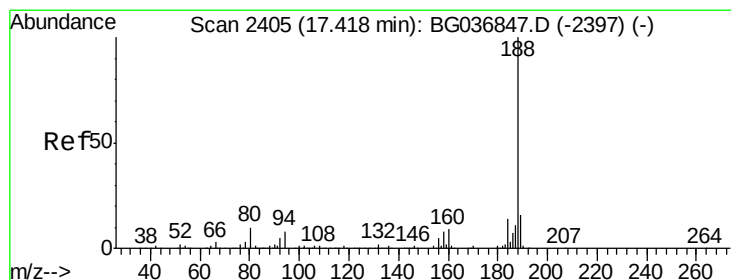
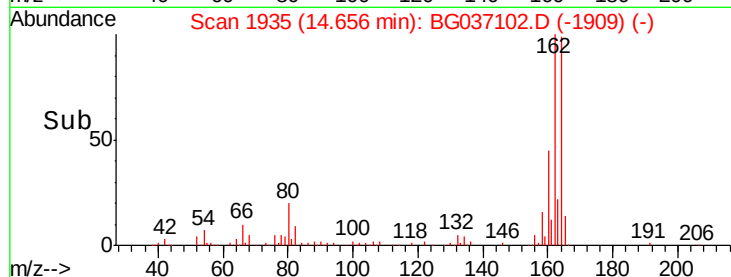
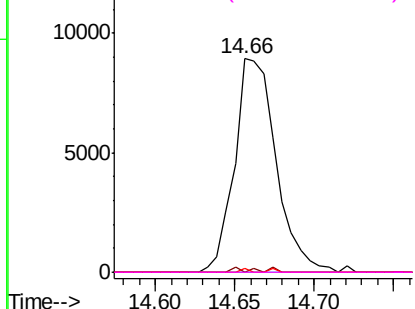


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

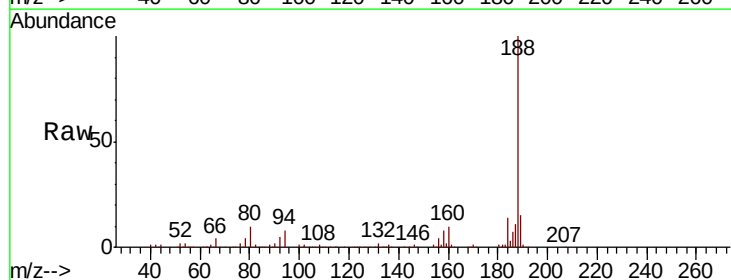
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037102.D
 Acq: 2 Oct 2018 12:49

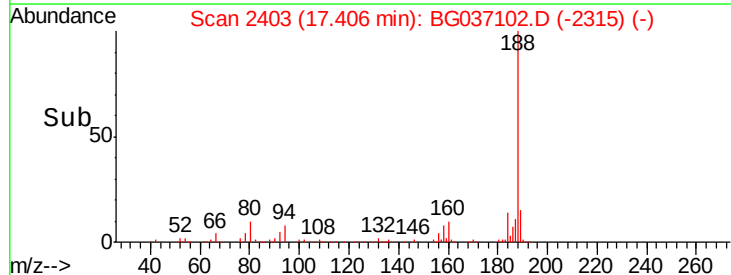
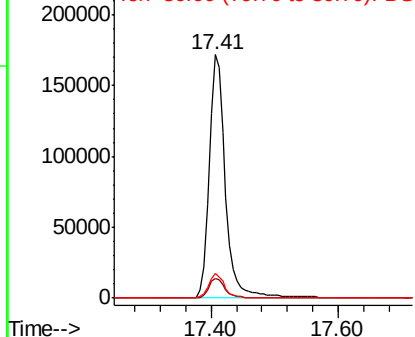
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.9	8.1	12.1

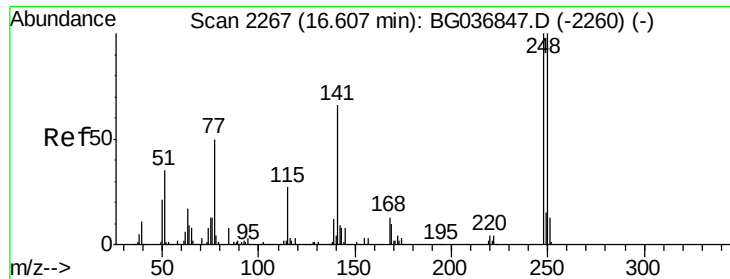


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

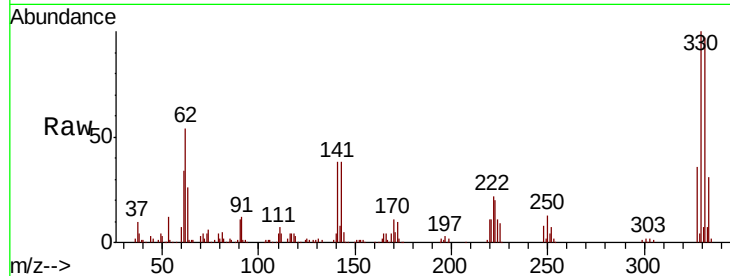




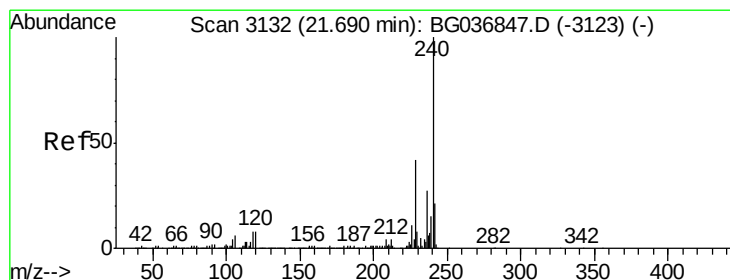
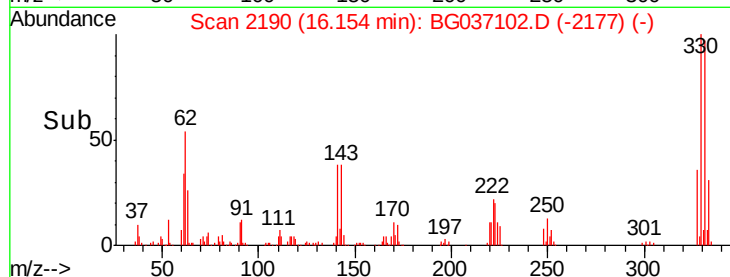
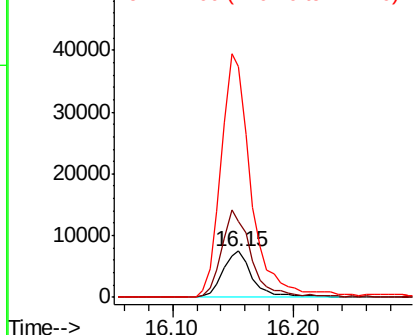
#66
4-Bromophenyl-phenylether
Concen: 3.599 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Instrument :
BNA_G
ClientSampled :
155-CLAY

Tot Ion:248 Resp: 12581
Ion Ratio Lower Upper
248 100
250 165.1 78.1 117.1#
141 500.1 53.7 80.5#

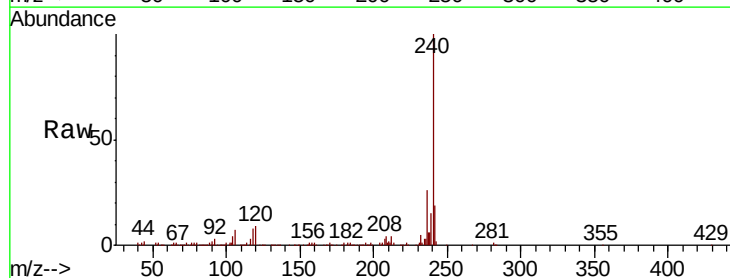


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

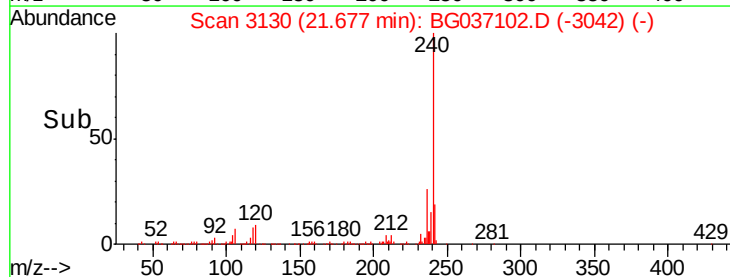
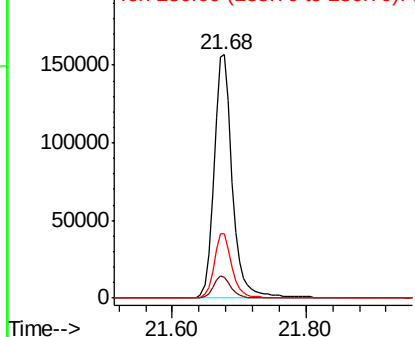


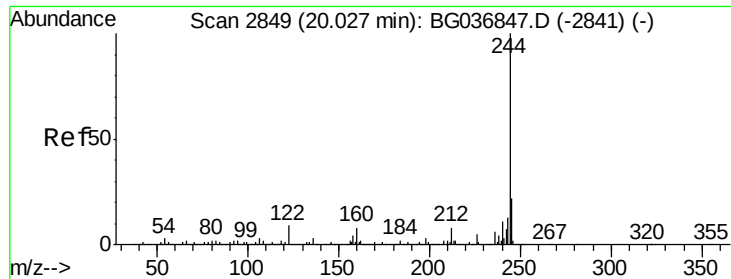
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Tgt Ion:240 Resp: 302523
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 26.2 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: 93.066 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

Instrument :

BNA_G

ClientSampleId :

155-CLAY

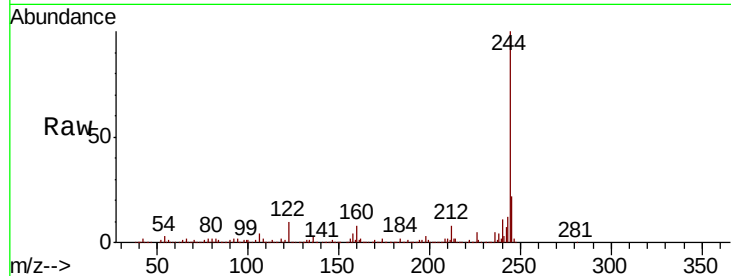
Tot Ion:244 Resp: 1070729

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.7	7.1	10.7

244 100

212 8.5 7.0 10.6

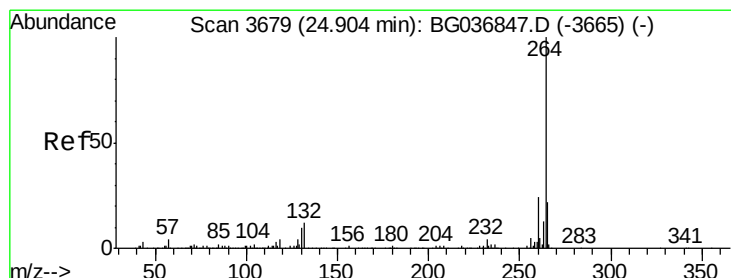
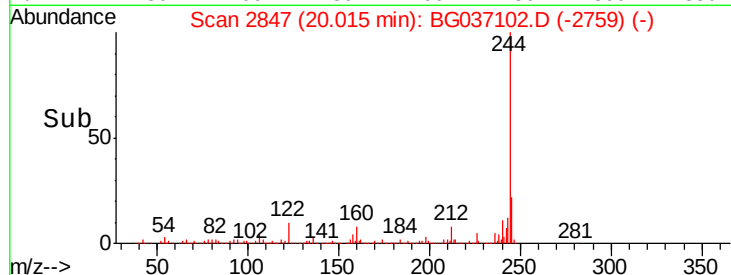
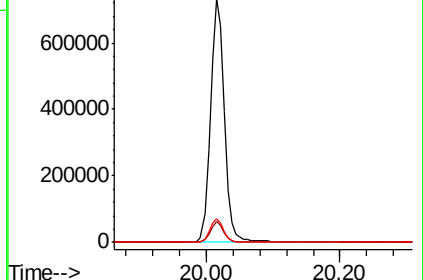
122 9.7 7.1 10.7



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: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

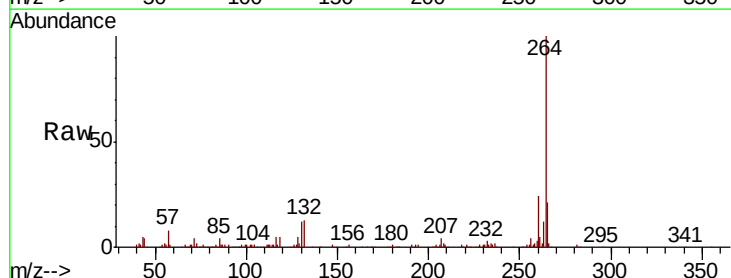
Tgt Ion:264 Resp: 303947

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.6	17.4	26.0

264 100

260 23.6 19.6 29.4

265 20.6 17.4 26.0



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

