

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045922.D
 Acq On : 2 Jul 2020 20:04
 Operator : CG/JU
 Sample : L3197-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMP

Quant Time: Jul 03 00:38:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

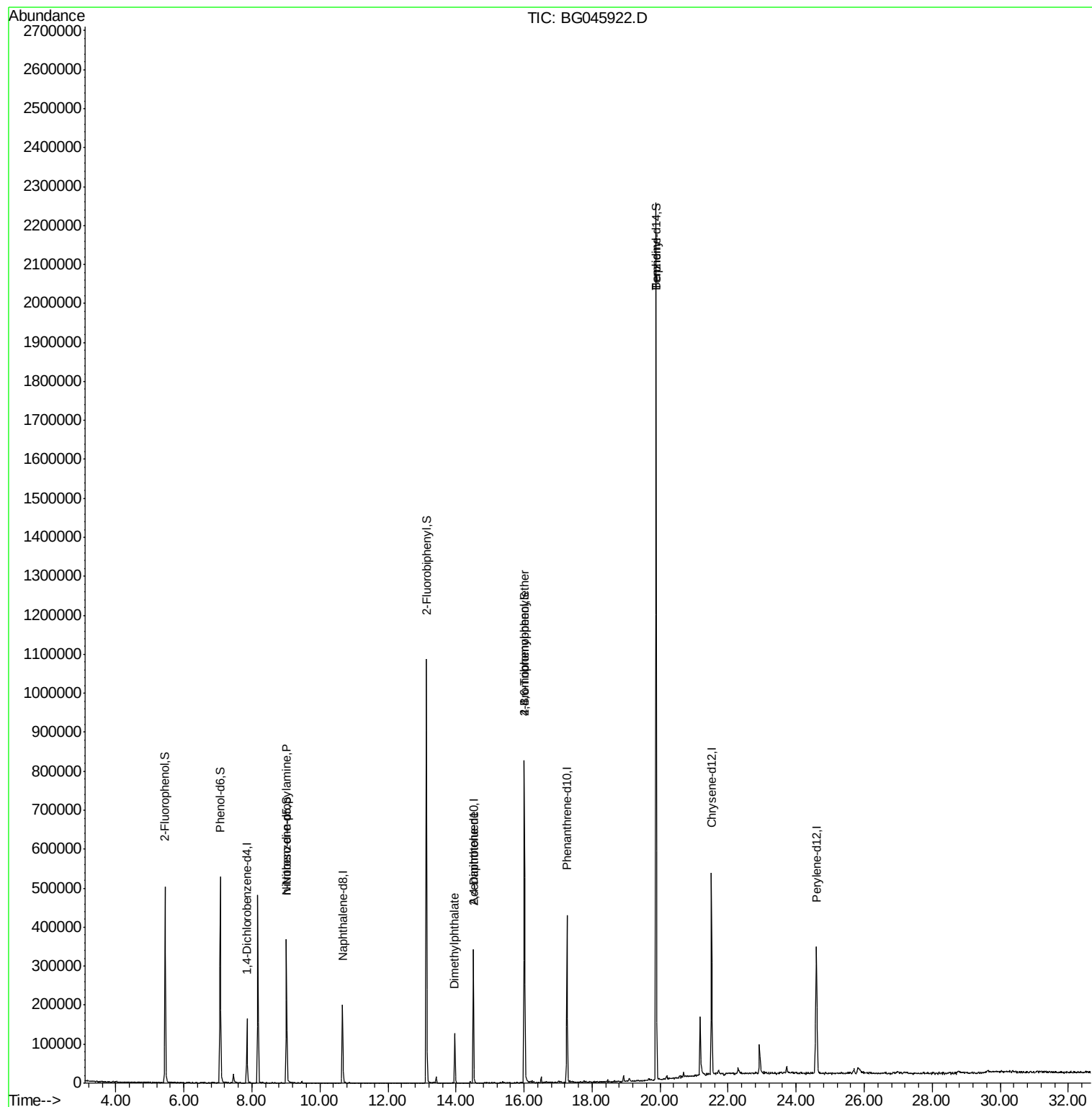
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	46857	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	175926	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	124482	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	288027	20.00	ng	0.00
76) Chrysene-d12	21.51	240	325544	20.00	ng	0.00
86) Perylene-d12	24.60	264	340757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	240443	86.68	ng	0.00
7) Phenol-d6	7.07	99	342937	81.28	ng	0.00
23) Nitrobenzene-d5	9.02	82	249949	64.91	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	172362	91.71	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	567319	66.97	ng	0.00
79) Terphenyl-d14	19.88	244	1080068	67.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	32957	11.881	ng	Qvalue 87
50) Dimethylphthalate	13.96	163	86913	8.912	ng	99
57) 2,4-Dinitrotoluene	14.51	165	16290	5.191	ng	# 24
67) 4-Bromophenyl-phenylether	16.01	248	11058	2.955	ng	# 1
77) Benzidine	19.88	184	18616	2.200	ng	# 90

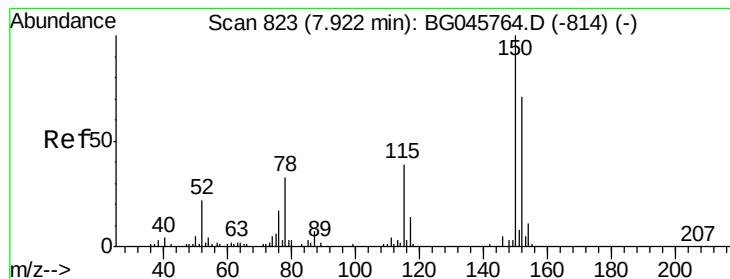
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



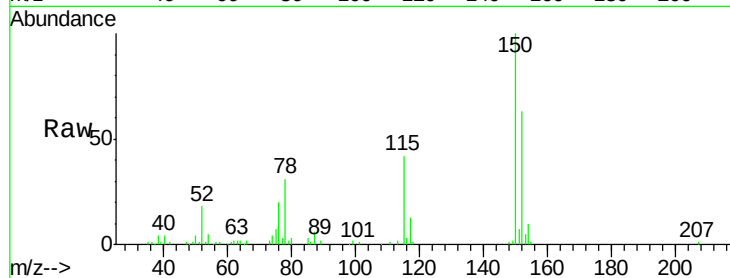


#1

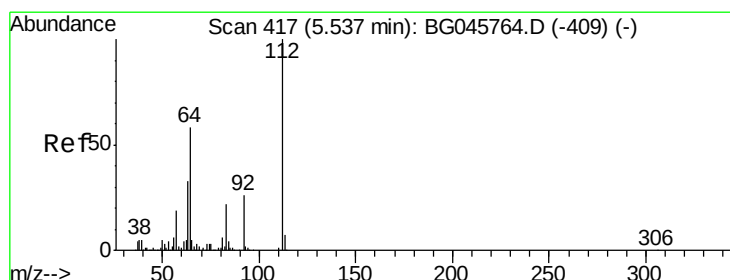
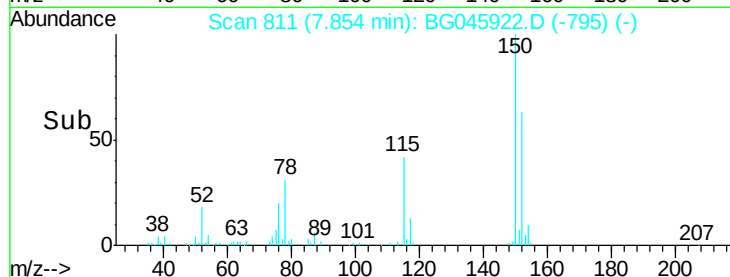
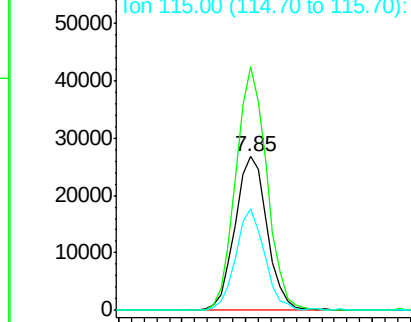
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Instrument :
BNA_G
ClientSampled :
MH-1-COMP

Tot Ion	152	Resp	46857
Ion Ratio	Lower	Upper	
152	100		
150	158.3	124.5	186.7
115	65.8	45.8	68.8



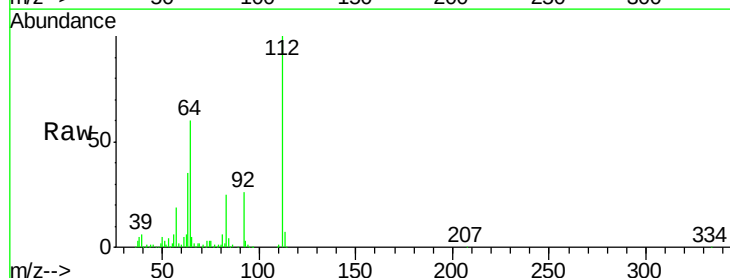
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



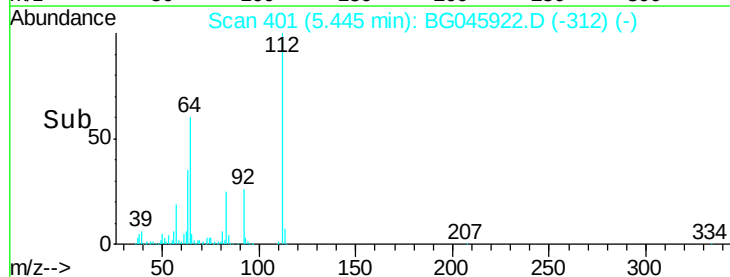
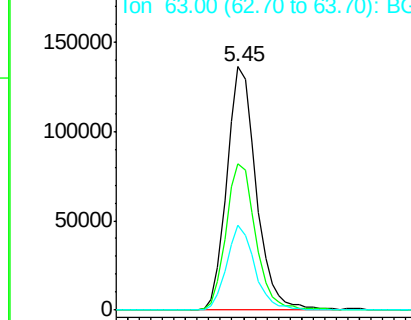
#5

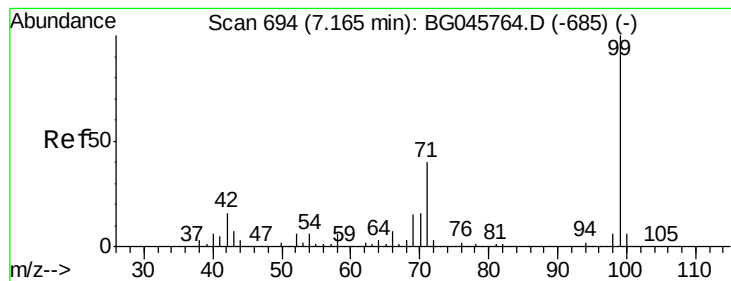
2-Fluorophenol
Concen: 86.682 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Tgt Ion	112	Resp	240443
Ion Ratio	Lower	Upper	
112	100		
64	60.2	44.9	67.3
63	34.9	26.9	40.3



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: 81.279 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP

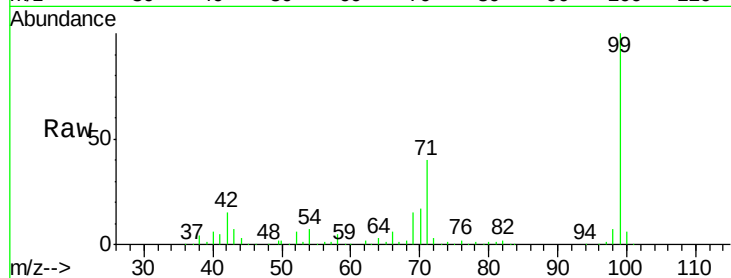
Tot Ion: 99 Resp: 342937

Ion Ratio Lower Upper

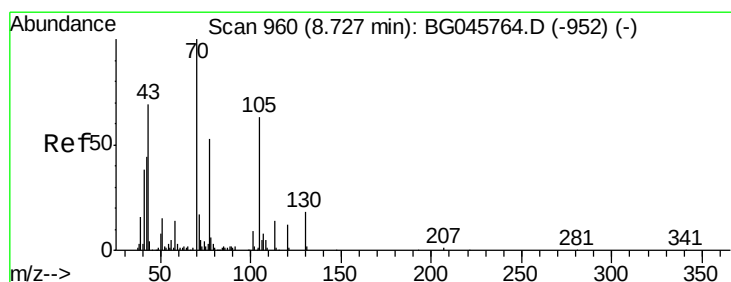
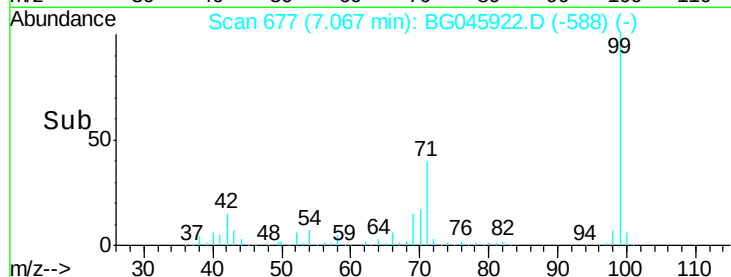
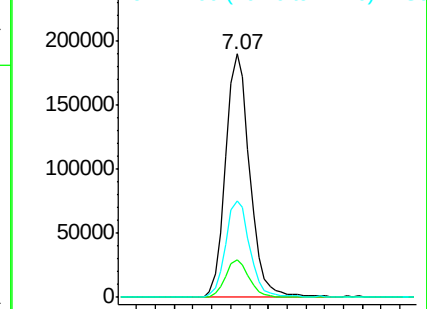
99 100

42 15.4 11.8 17.8

71 39.6 31.0 46.6



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: 11.881 ng

RT: 9.02 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

Tgt Ion: 70 Resp: 32957

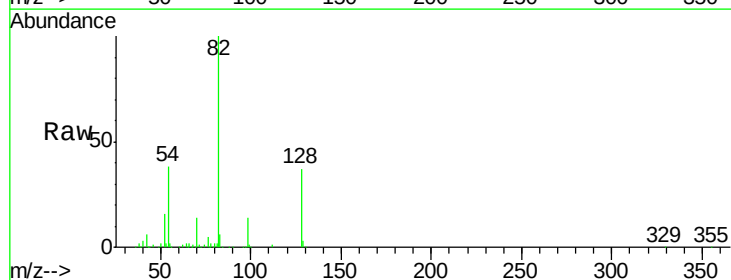
Ion Ratio Lower Upper

70 100

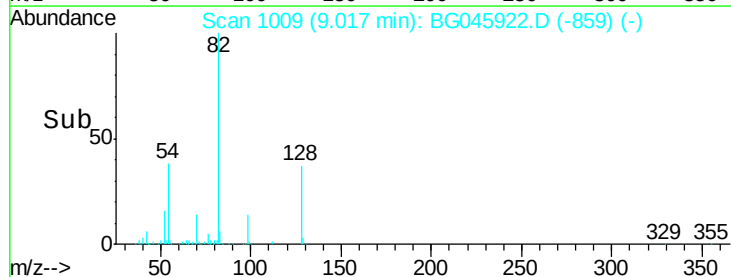
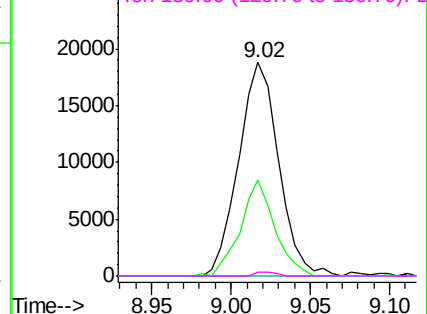
42 45.1 35.6 53.4

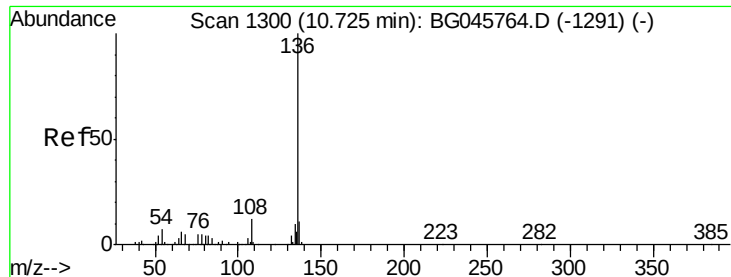
101 0.0 6.6 10.0#

130 1.7 14.8 22.2#



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

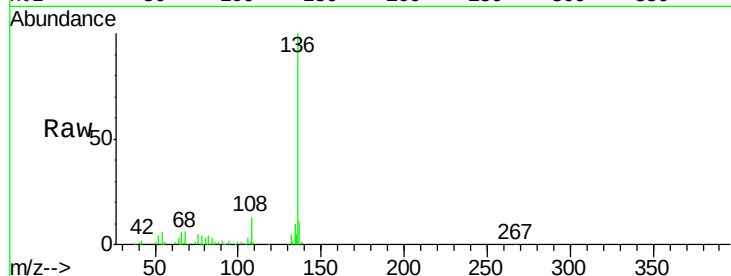




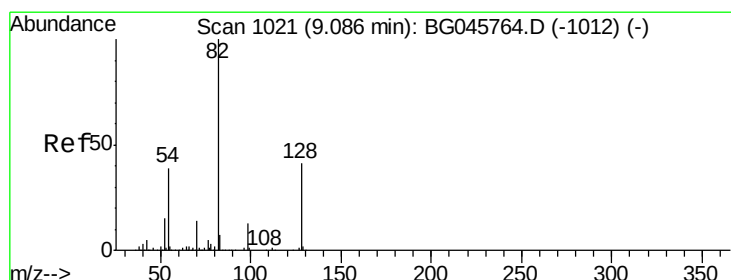
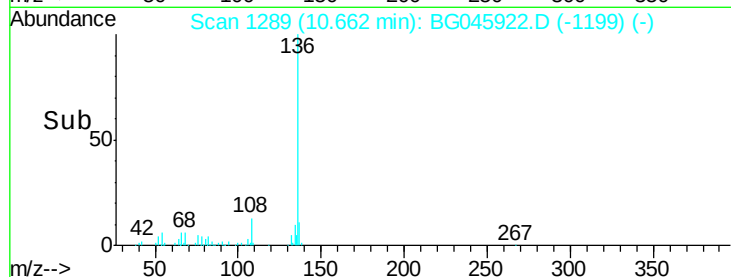
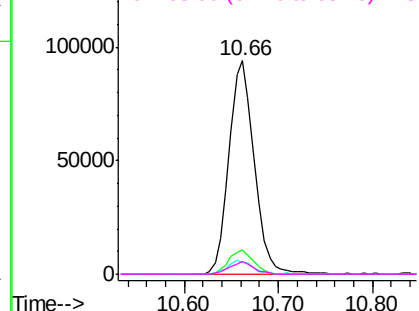
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP

Tot Ion:136	Resp:	175926
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.2	12.4
54 5.6	4.6	7.0
68 6.2	5.0	7.4

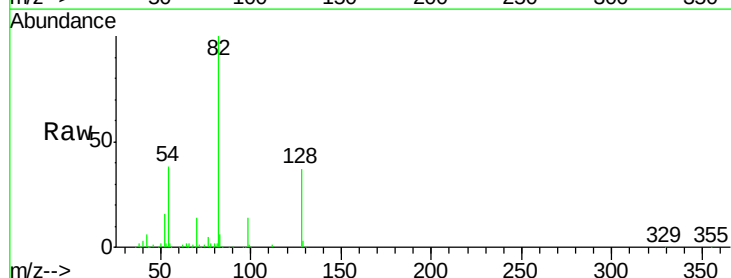


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

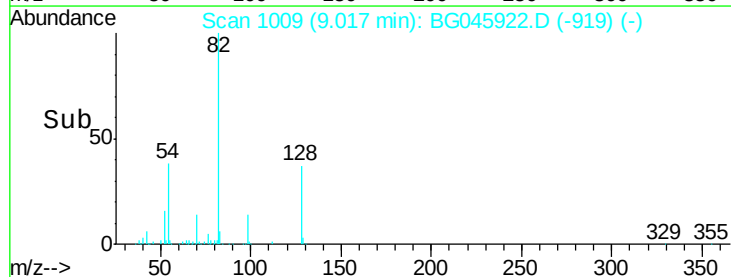
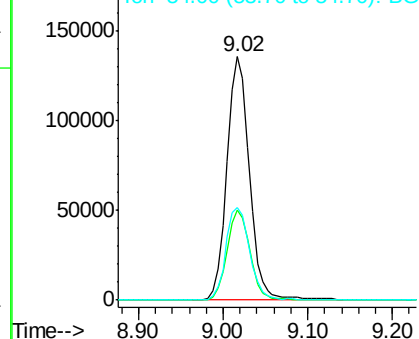


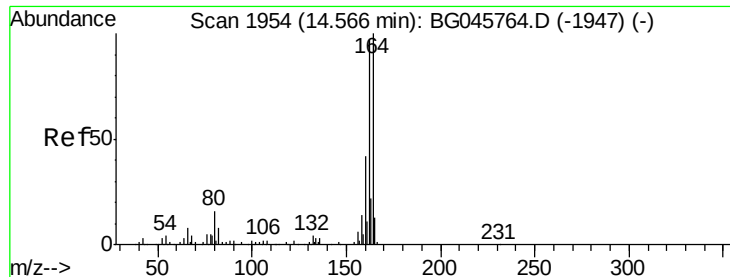
#23
Nitrobenzene-d5
Concen: 64.905 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Tgt	Ion: 82	Resp:	249949
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.9	44.9
54	38.2	33.3	49.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP

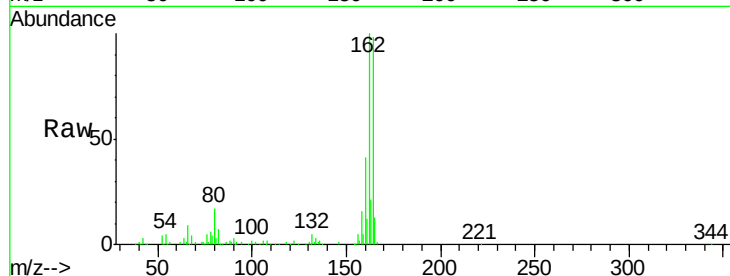
Tot Ion:164 Resp: 124482

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

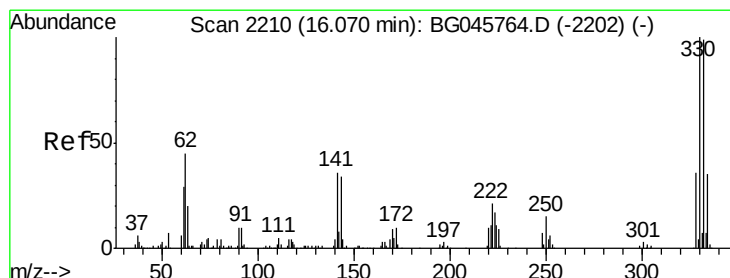
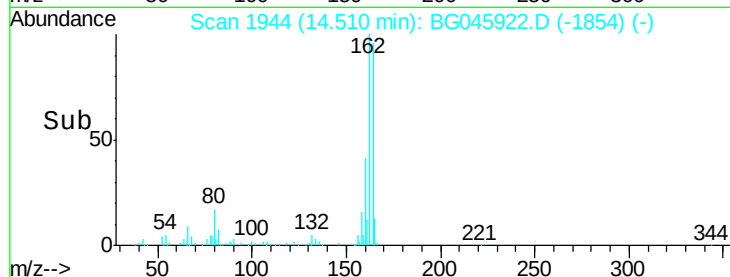
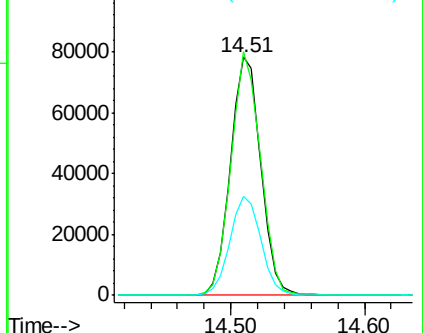
160 41.7 33.8 50.6



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



#42

2,4,6-Tribromophenol

Concen: 91.713 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

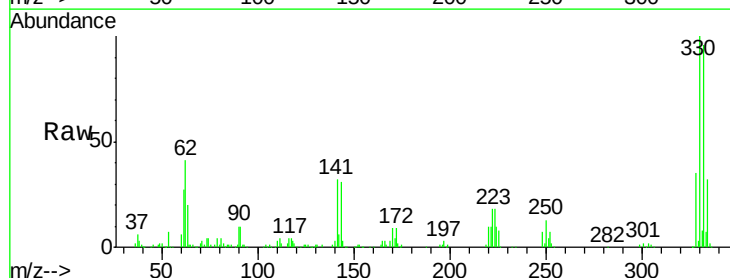
Tgt Ion:330 Resp: 172362

Ion Ratio Lower Upper

330 100

332 95.6 79.4 119.0

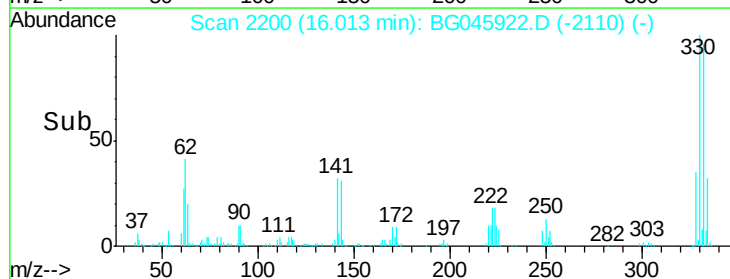
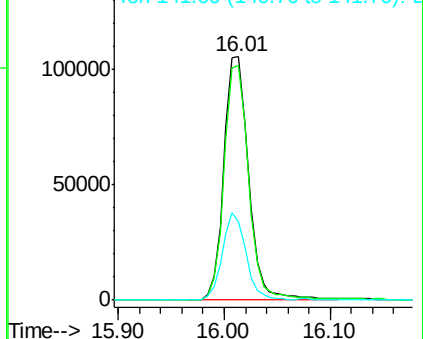
141 34.0 28.2 42.2

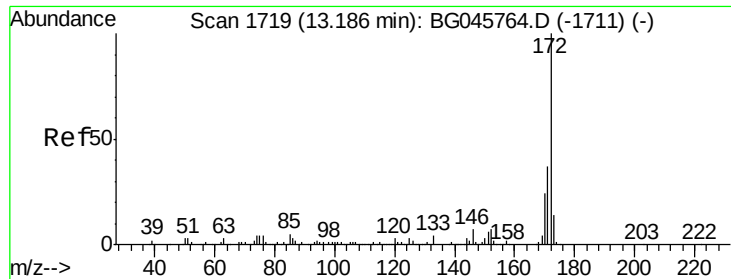


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

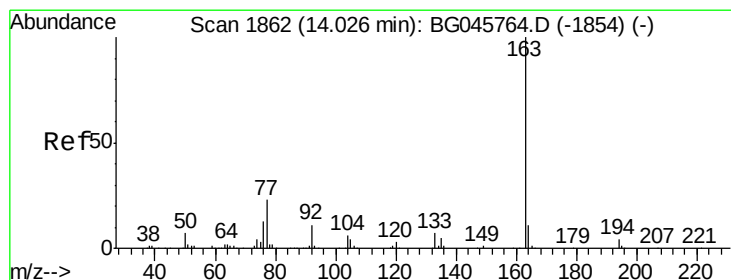
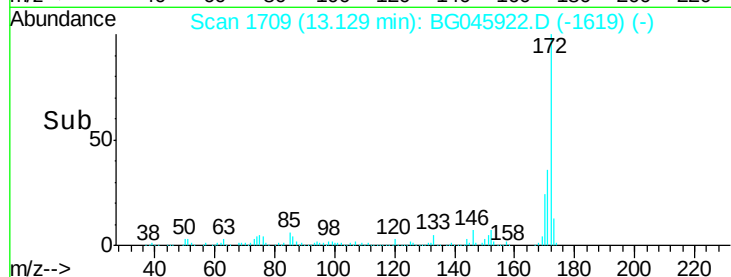
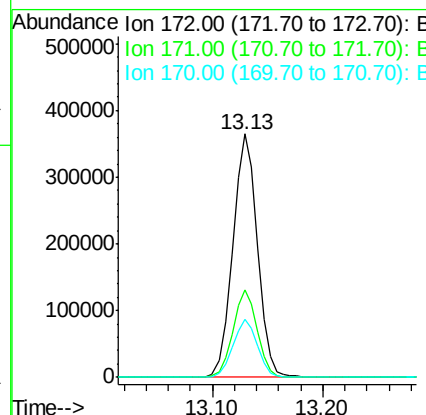
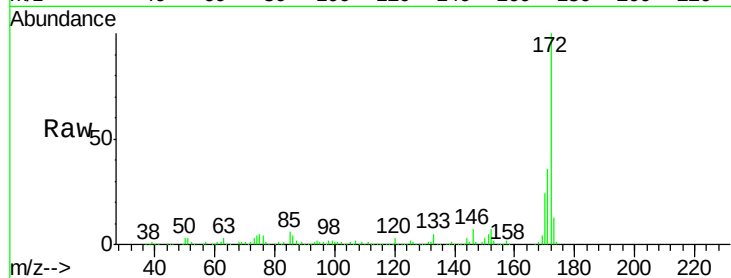




#45
2-Fluorobiphenyl
Concen: 66.974 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

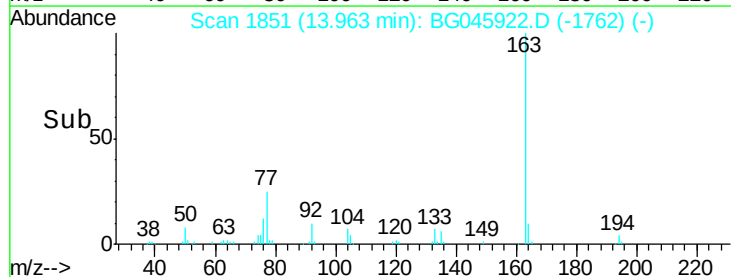
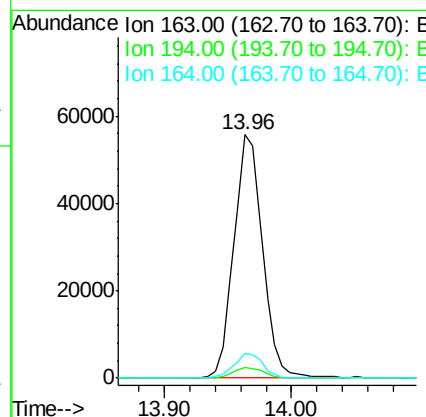
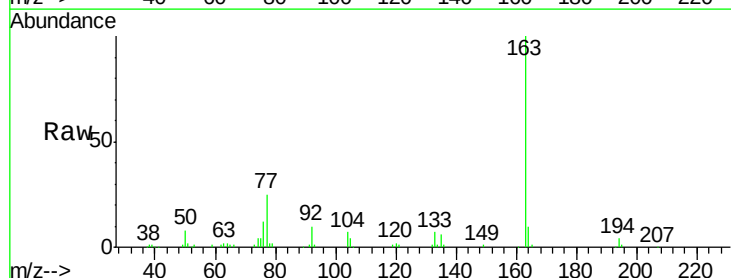
Instrument :
BNA_G
ClientSampleId :
MH-1-COMP

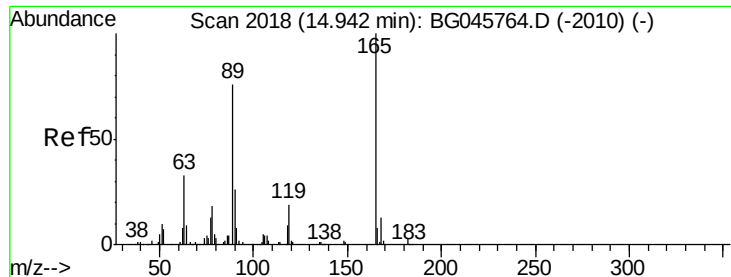
Tot Ion:172 Resp: 567319
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.0 18.9 28.3



#50
Dimethylphthalate
Concen: 8.912 ng
RT: 13.96 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Tgt Ion:163 Resp: 86913
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.3 8.7 13.1





#57

2,4-Dinitrotoluene

Concen: 5.191 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.38 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP

Tot Ion:165 Resp: 16290

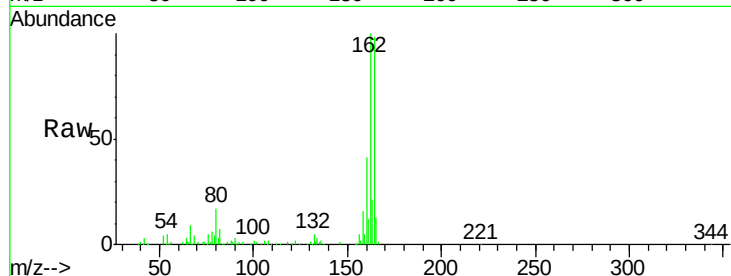
Ion Ratio Lower Upper

165 100

63 0.0 34.5 51.7#

89 4.3 60.8 91.2#

182 0.0 2.3 3.5#

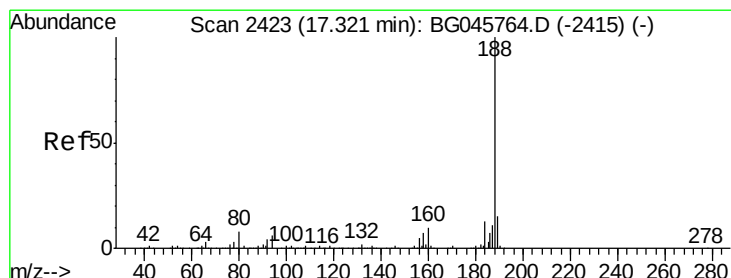
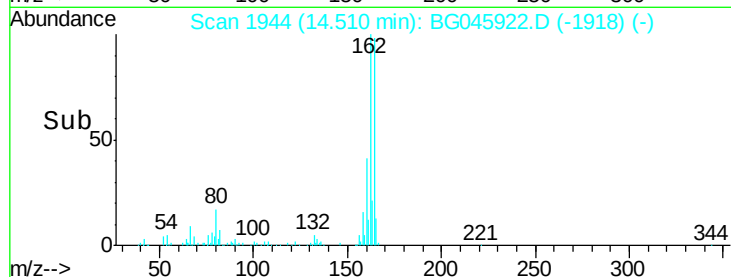
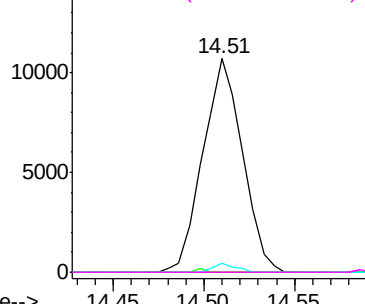


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

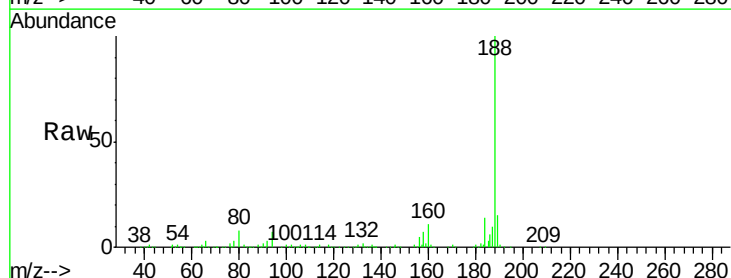
Tgt Ion:188 Resp: 288027

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

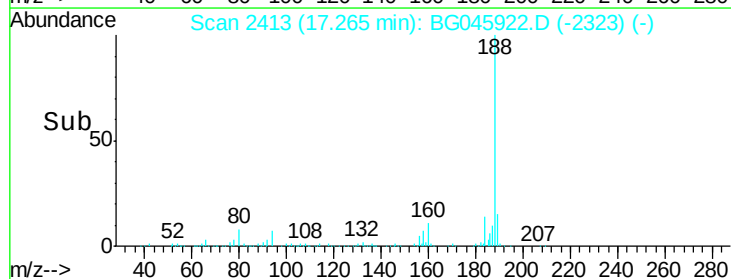
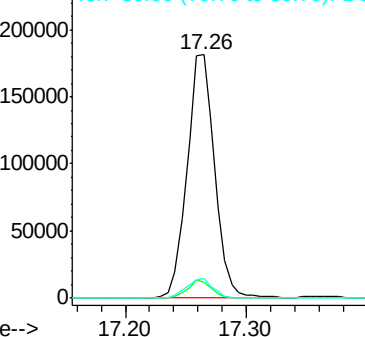
80 7.8 6.1 9.1

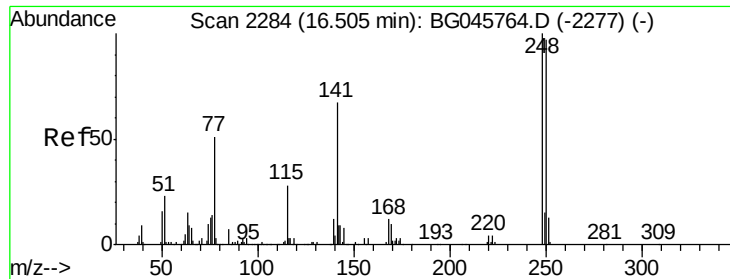


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

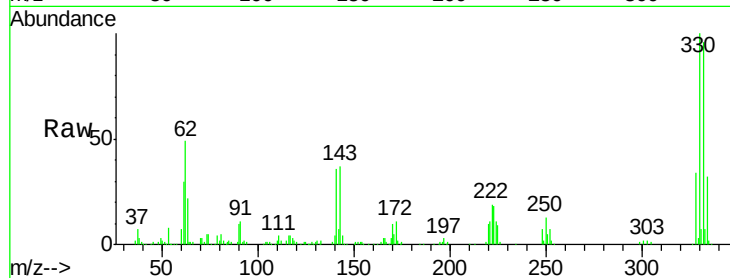




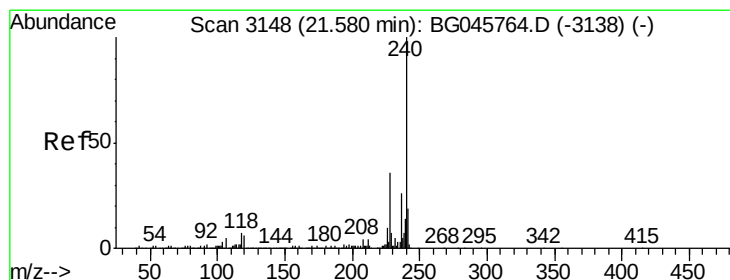
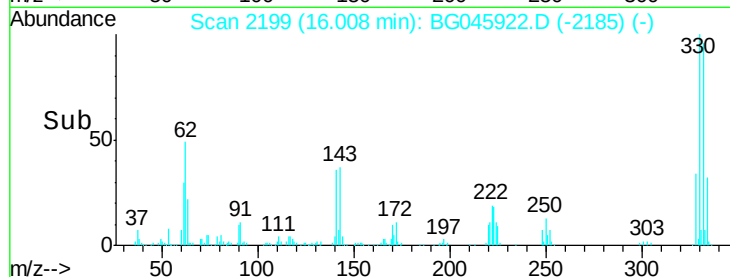
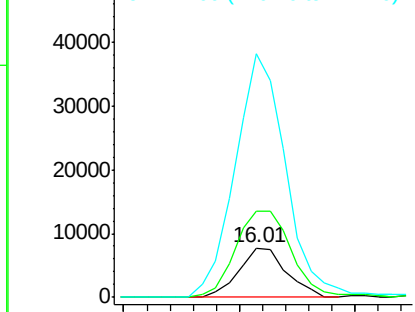
#67
4-Bromophenyl-phenylether
Concen: 2.955 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP

Tot Ion:248 Resp: 11058
Ion Ratio Lower Upper
248 100
250 174.0 77.2 115.8#
141 490.0 52.6 79.0#

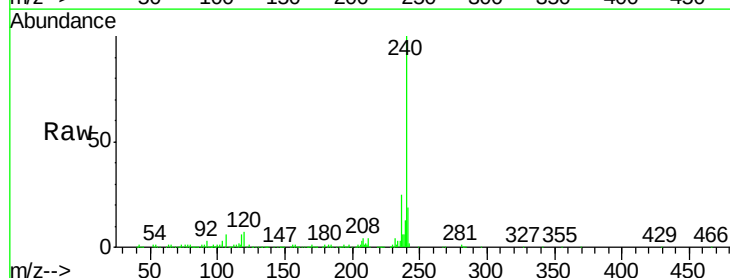


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

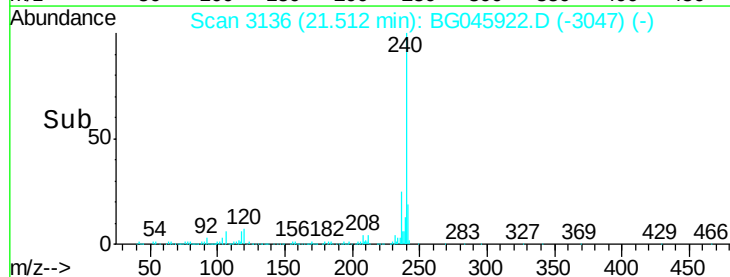
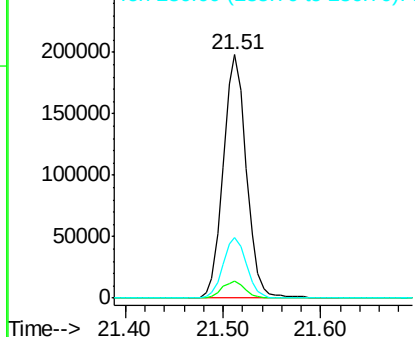


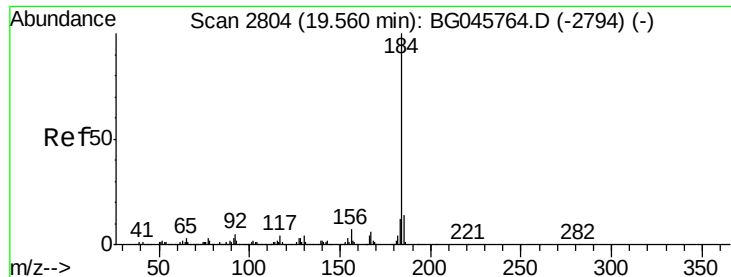
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Tgt Ion:240 Resp: 325544
Ion Ratio Lower Upper
240 100
120 6.9 5.2 7.8
236 24.9 20.8 31.2



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





#77

Benzidine

Concen: 2.200 ng

RT: 19.88 min Scan# 2859

Delta R.T. 0.38 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP

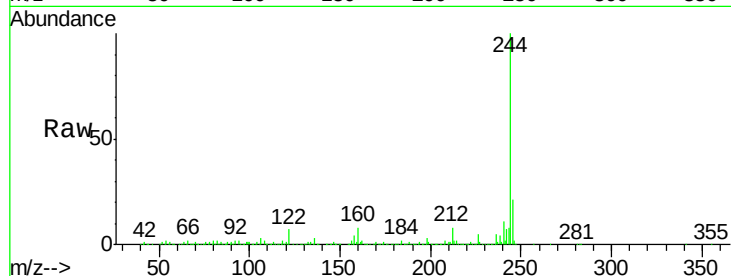
Tot Ion:184 Resp: 18616

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

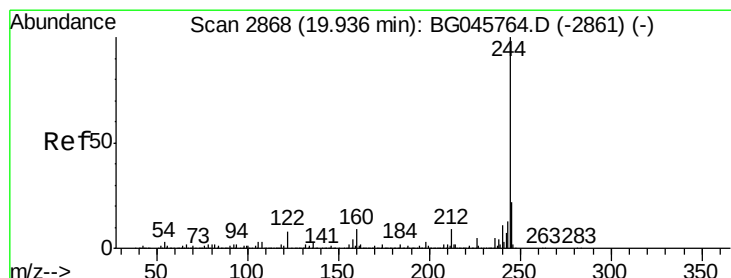
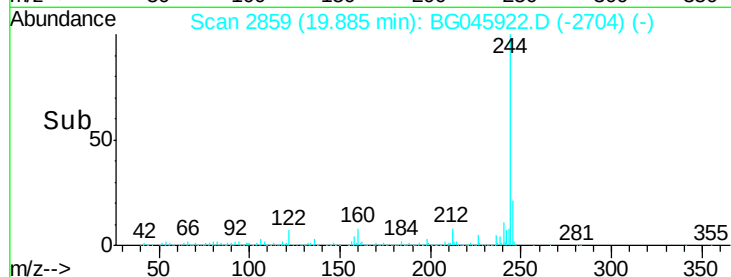
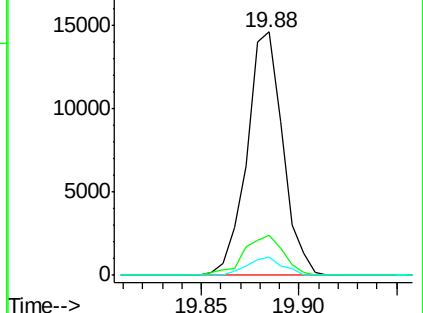
183 7.6 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 67.237 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

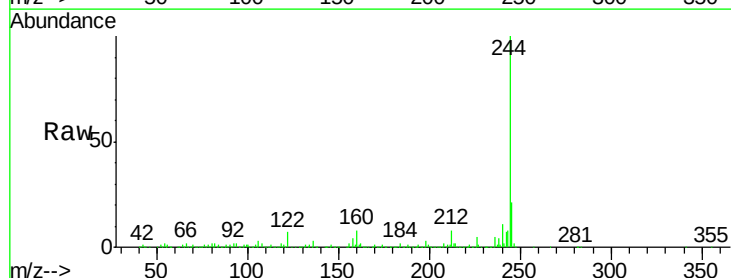
Tgt Ion:244 Resp: 1080068

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

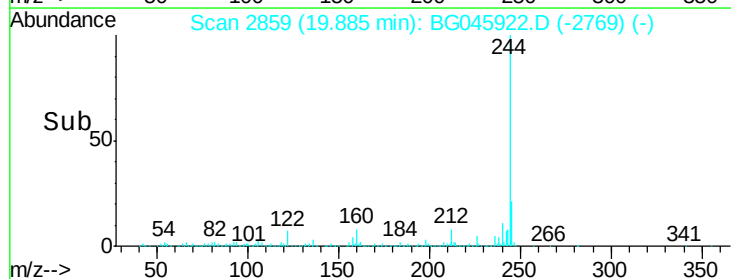
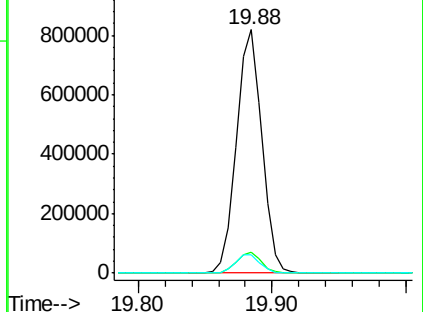
122 7.4 6.6 9.8

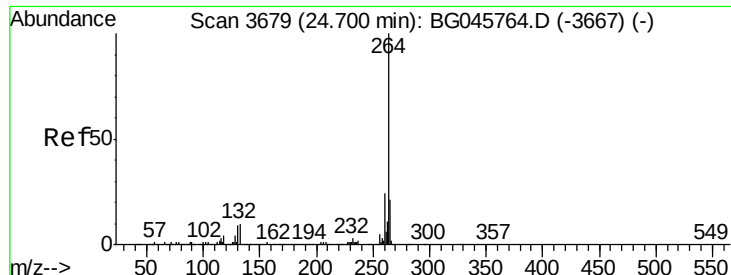


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.00 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.3	16.4	24.6

