

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045917.D
 Acq On : 2 Jul 2020 16:43
 Operator : CG/JU
 Sample : L3197-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-2-COMP

Quant Time: Jul 03 00:36:20 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

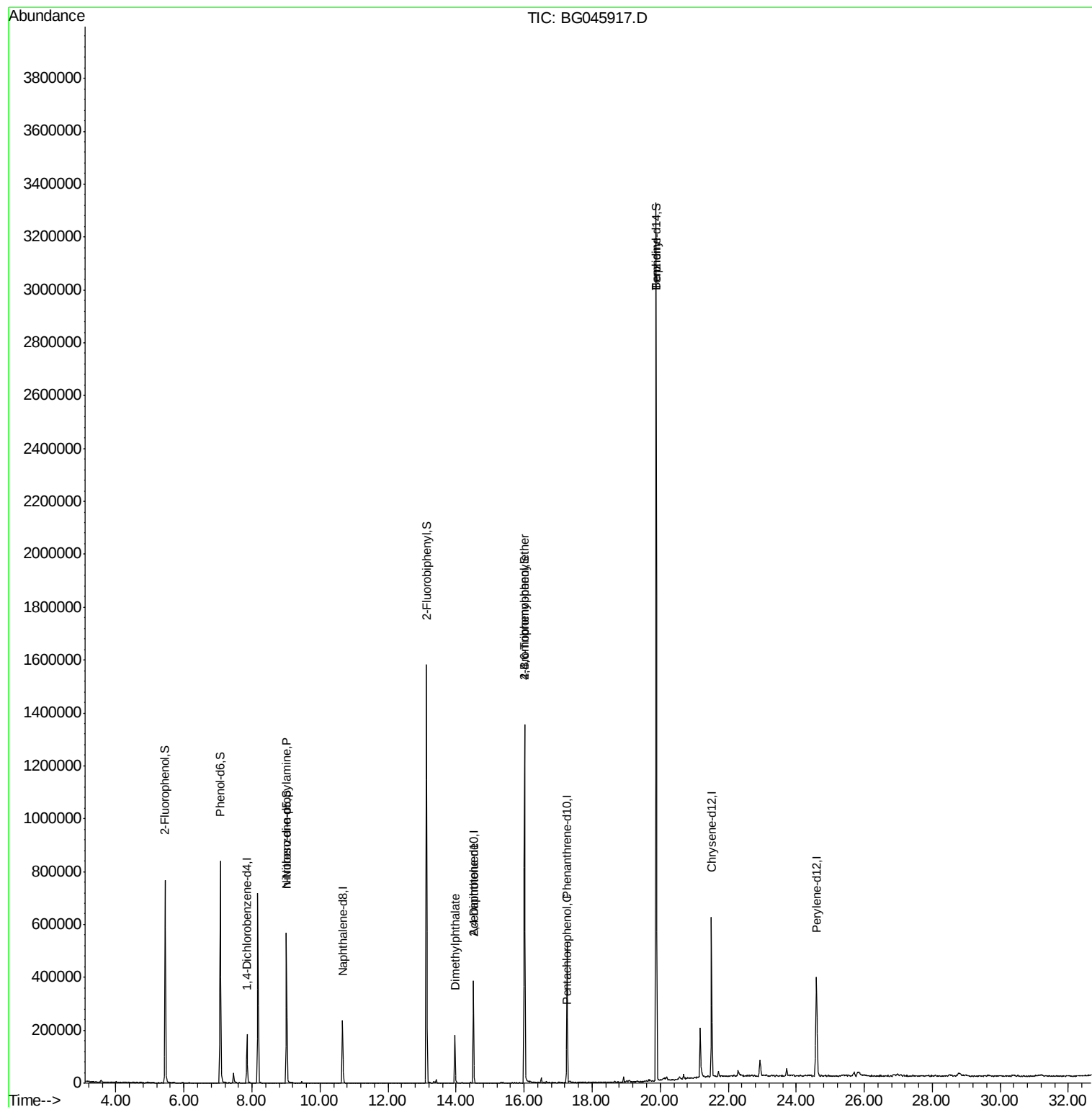
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	52046	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	205261	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	144465	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	340454	20.00	ng	0.00
76) Chrysene-d12	21.51	240	377233	20.00	ng	-0.01
86) Perylene-d12	24.59	264	389695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	376375	122.16	ng	0.00
7) Phenol-d6	7.07	99	539668	115.15	ng	0.00
23) Nitrobenzene-d5	9.02	82	386720	86.07	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	278799	127.83	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	870635	88.56	ng	0.00
79) Terphenyl-d14	19.88	244	1629721	87.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	53174	17.258	ng	Qvalue # 83
50) Dimethylphthalate	13.97	163	126907	11.214	ng	# 96
57) 2,4-Dinitrotoluene	14.51	165	19298	5.299	ng	# 23
67) 4-Bromophenyl-phenylether	16.01	248	18596	4.204	ng	# 1
70) Pentachlorophenol	17.24	266	60	7.656	ng	# 20
77) Benzidine	19.88	184	30690	3.129	ng	# 88

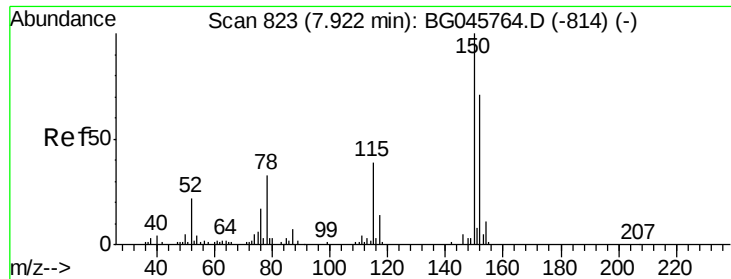
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045917.D
Acq On : 2 Jul 2020 16:43
Operator : CG/JU
Sample : L3197-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-2-COMP

Quant Time: Jul 03 00:36:20 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



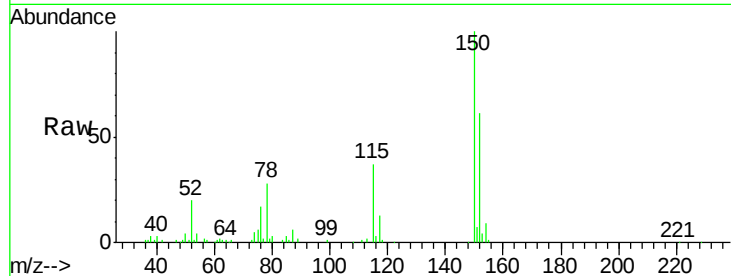


#1

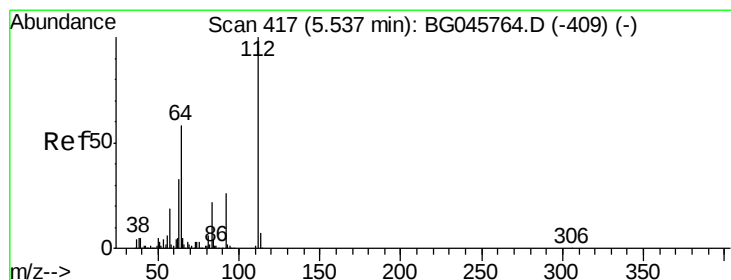
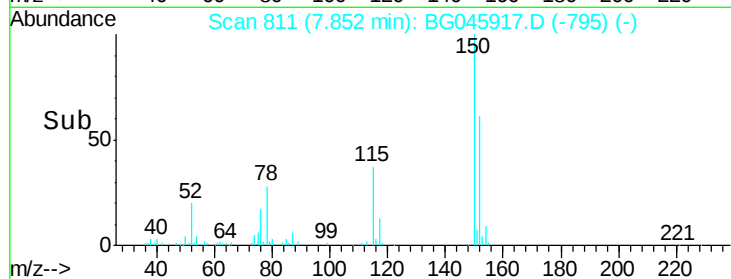
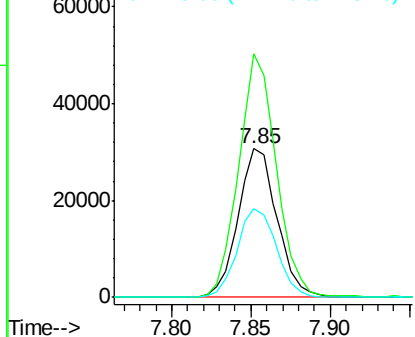
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MH-2-COMP

Tot Ion:152 Resp: 52046
Ion Ratio Lower Upper
152 100
150 163.7 124.5 186.7
115 59.8 45.8 68.8



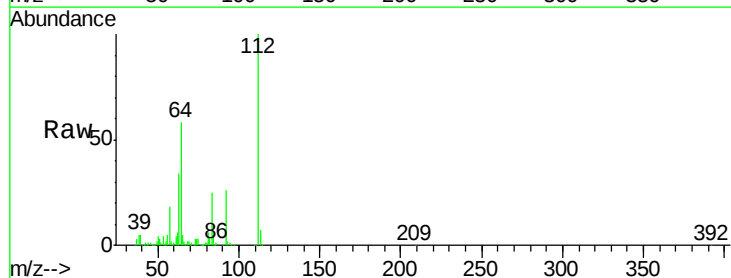
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



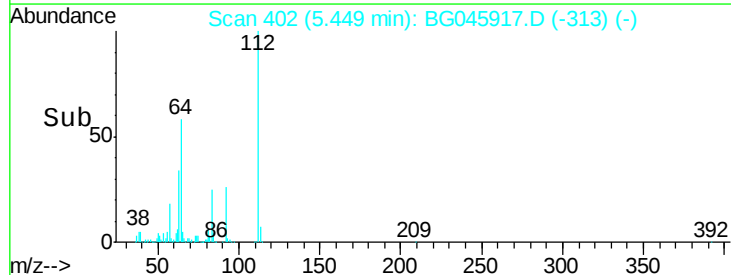
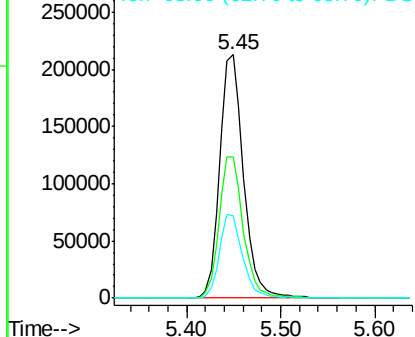
#5

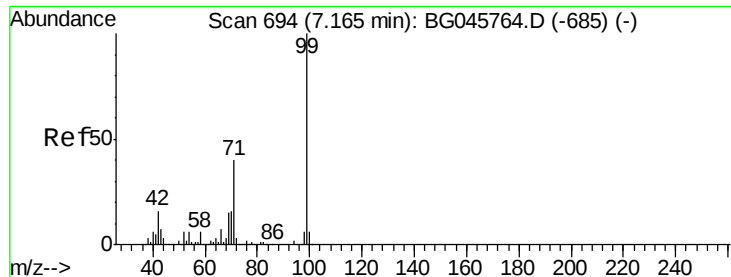
2-Fluorophenol
Concen: 122.158 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.01 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

Tgt Ion:112 Resp: 376375
Ion Ratio Lower Upper
112 100
64 57.9 44.9 67.3
63 33.8 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: 115.153 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG045917.D

Acq: 2 Jul 2020 16:43

Instrument :

BNA_G

ClientSampleId :

MH-2-COMP

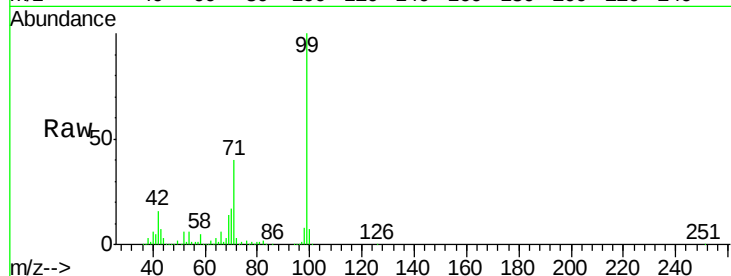
Tot Ion: 99 Resp: 539668

Ion Ratio Lower Upper

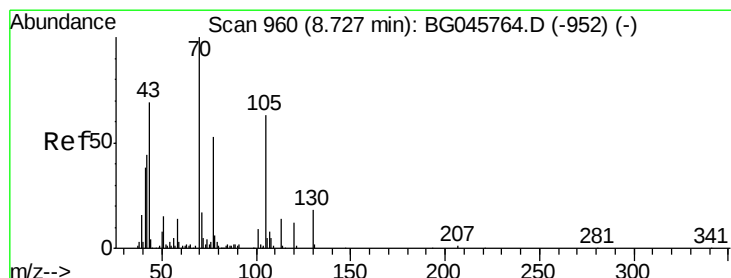
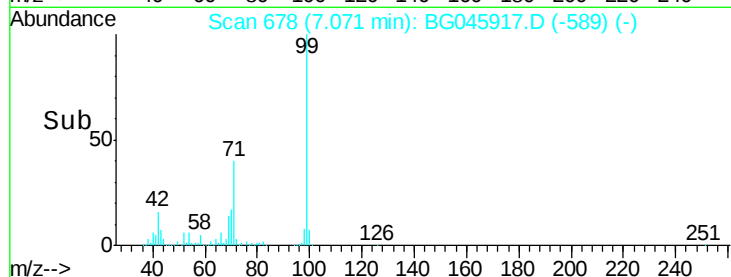
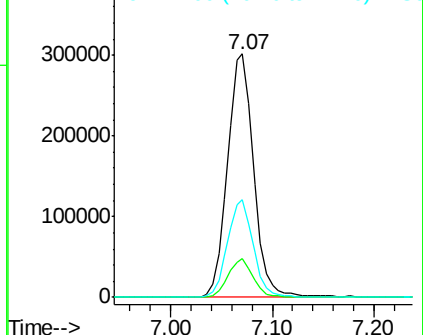
99 100

42 15.9 11.8 17.8

71 40.3 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: 17.258 ng

RT: 9.02 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG045917.D

Acq: 2 Jul 2020 16:43

Tgt Ion: 70 Resp: 53174

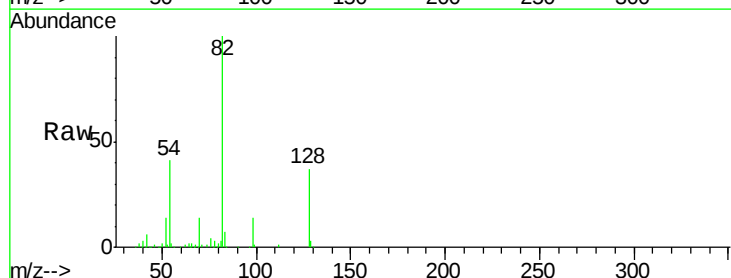
Ion Ratio Lower Upper

70 100

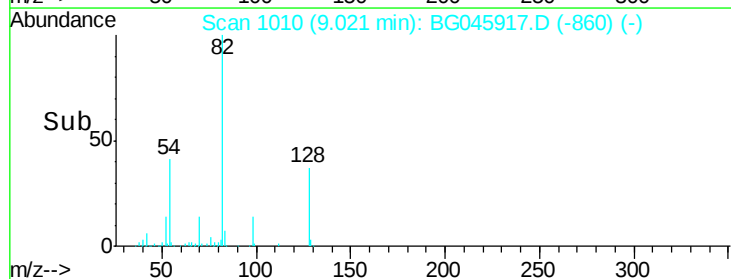
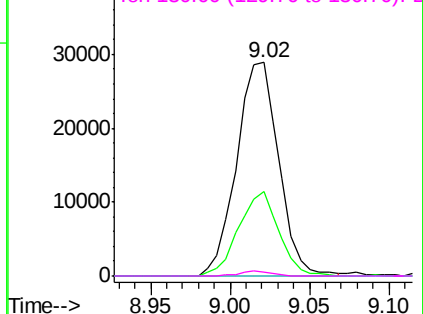
42 39.6 35.6 53.4

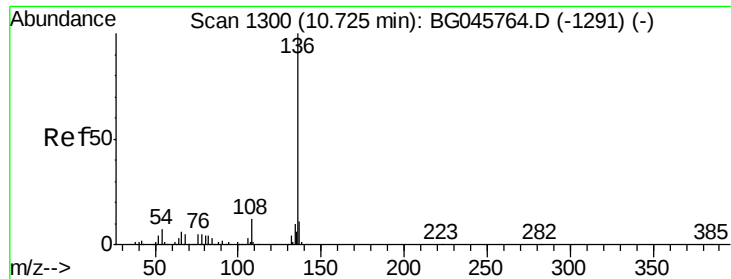
101 0.0 6.6 10.0#

130 1.8 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

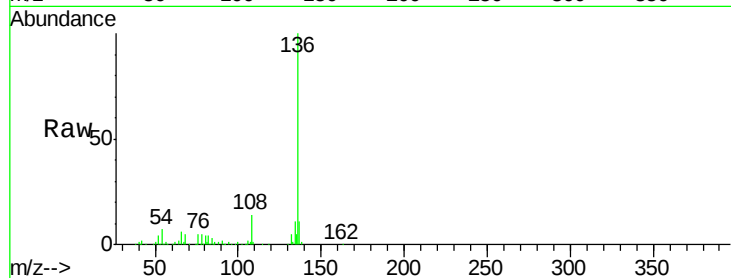




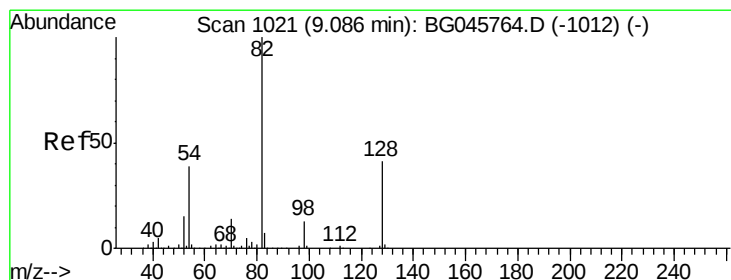
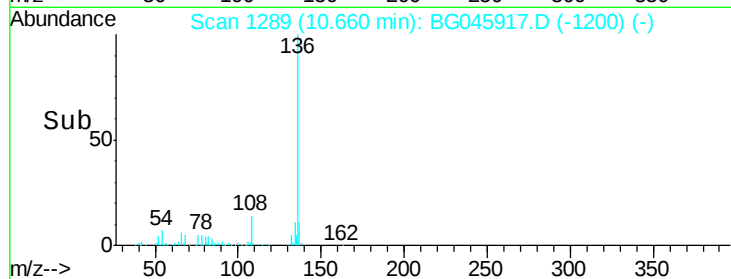
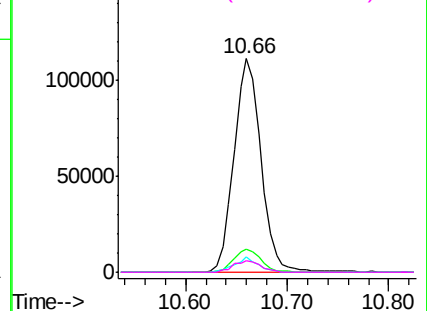
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MH-2-COMP

Tot Ion:136	Resp: 205261
Ion Ratio	Lower Upper
136 100	
137 10.7	8.2 12.4
54 7.2	4.6 7.0#
68 5.3	5.0 7.4

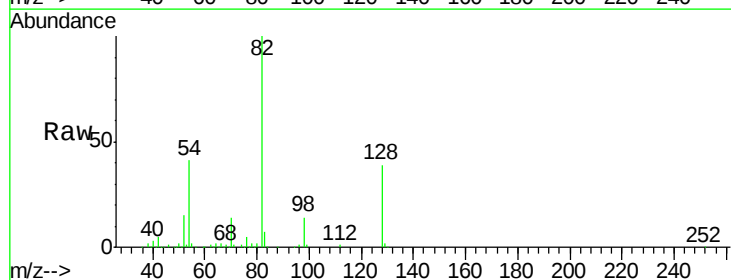


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

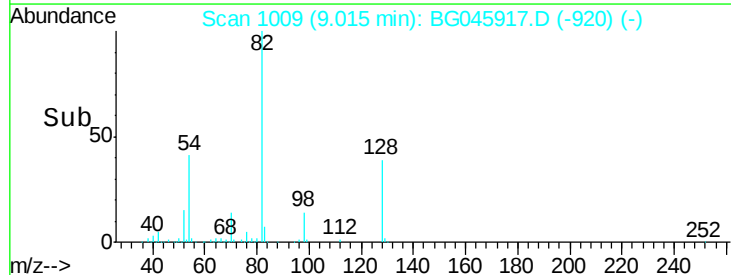
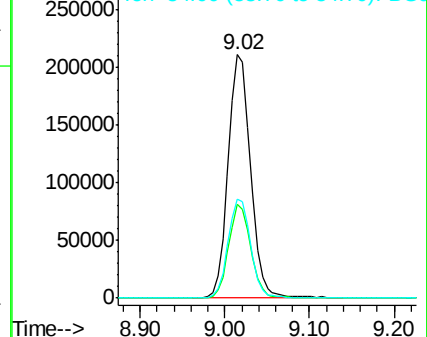


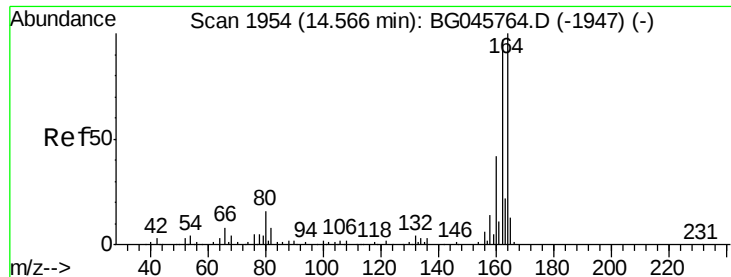
#23
Nitrobenzene-d5
Concen: 86.069 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

Tgt Ion: 82	Resp: 386720
Ion Ratio	Lower Upper
82 100	
128 38.6	29.9 44.9
54 40.8	33.3 49.9



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

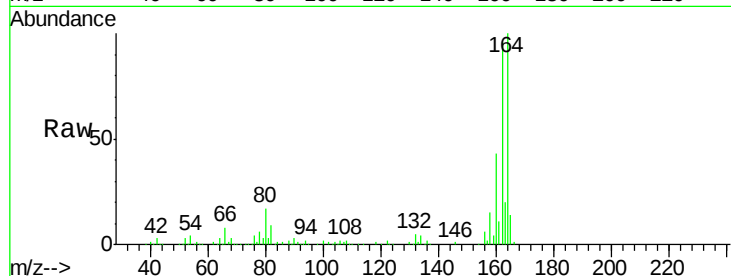




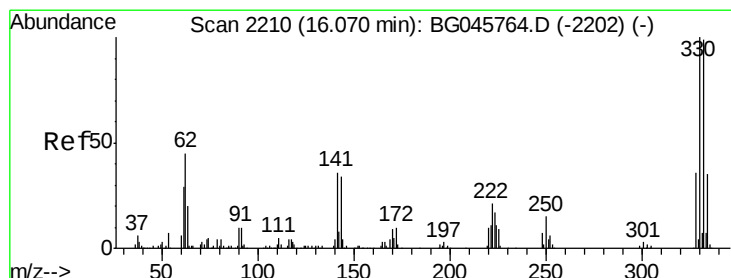
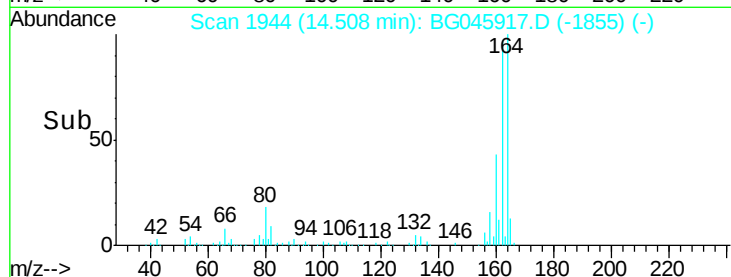
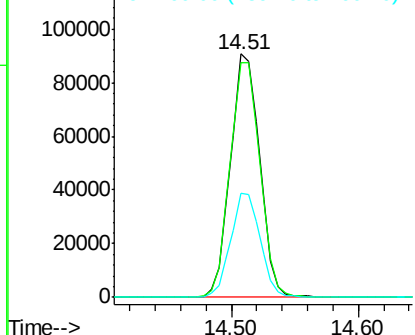
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MH-2-COMP

Tot Ion:164 Resp: 144465
Ion Ratio Lower Upper
164 100
162 96.3 78.8 118.2
160 42.6 33.8 50.6

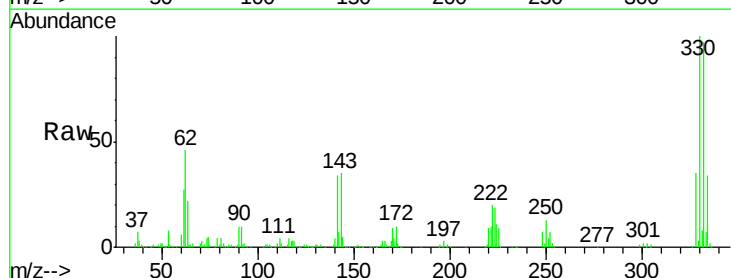


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

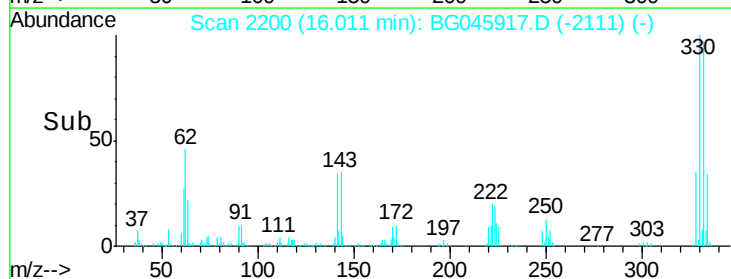
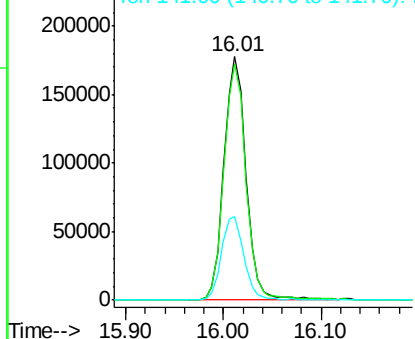


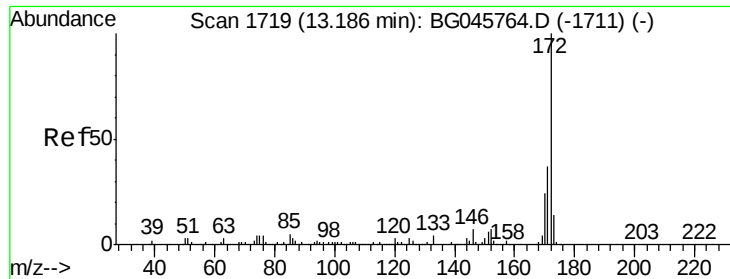
#42
2,4,6-Tribromophenol
Concen: 127.828 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

Tgt Ion:330 Resp: 278799
Ion Ratio Lower Upper
330 100
332 97.0 79.4 119.0
141 34.8 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

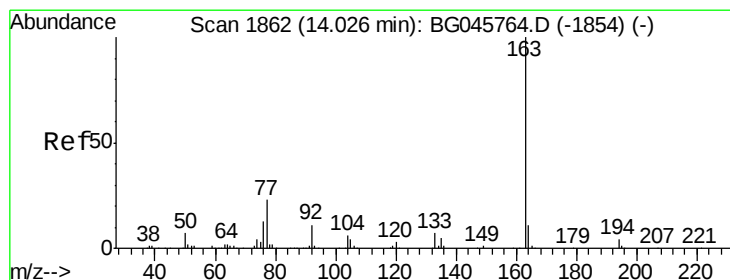
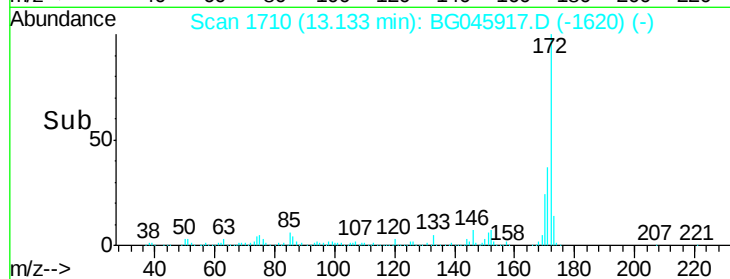
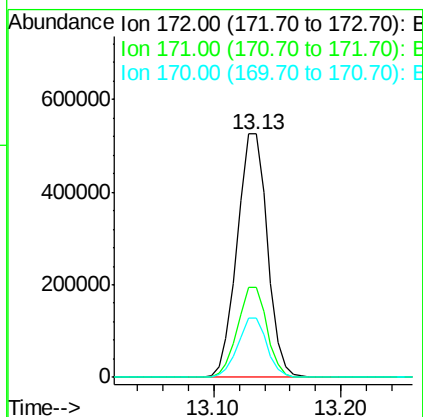
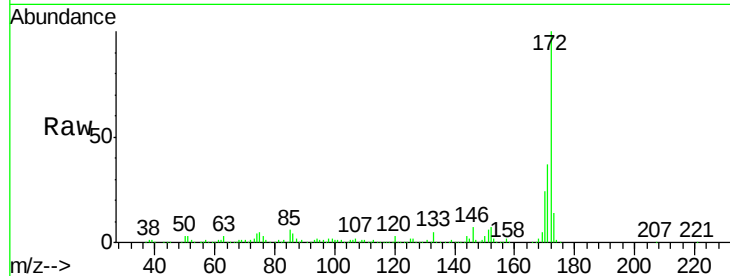




#45
2-Fluorobiphenyl
Concen: 88.565 ng
RT: 13.13 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

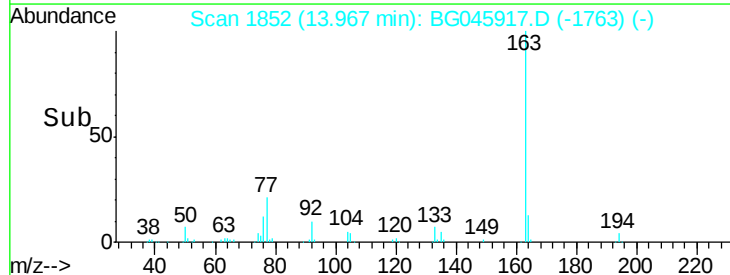
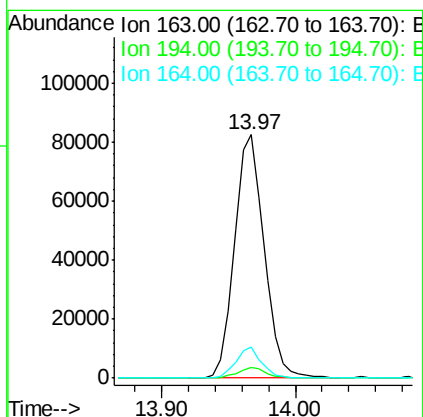
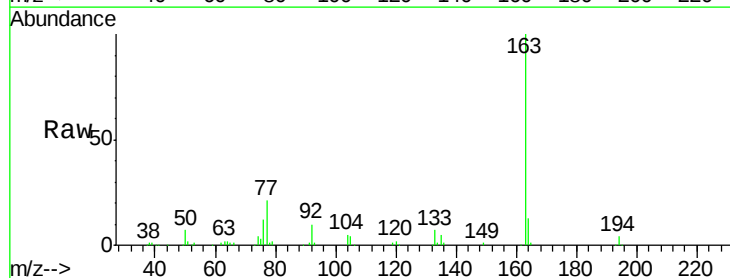
Instrument :
BNA_G
ClientSampleId :
MH-2-COMP

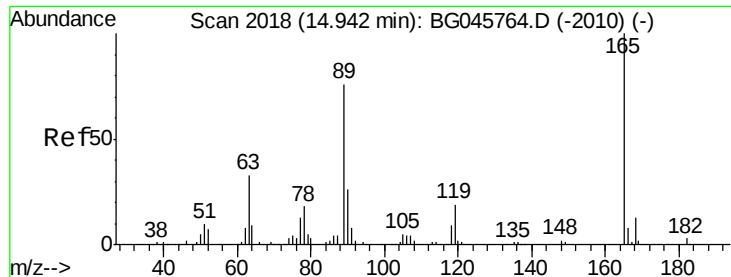
Tot Ion:172 Resp: 870635
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.3 18.9 28.3



#50
Dimethylphthalate
Concen: 11.214 ng
RT: 13.97 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

Tgt Ion:163 Resp: 126907
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 12.9 8.7 13.1

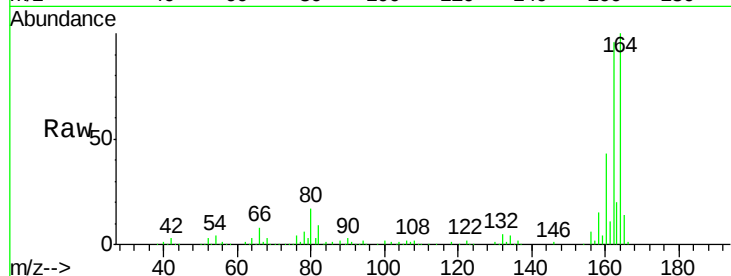




#57
 2,4-Dinitrotoluene
 Concen: 5.299 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG045917.D
 Acq: 2 Jul 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :
 MH-2-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.5	51.7#
89	1.5	60.8	91.2#
182	0.0	2.3	3.5#

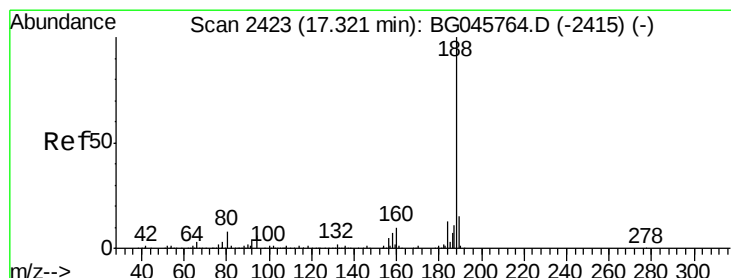
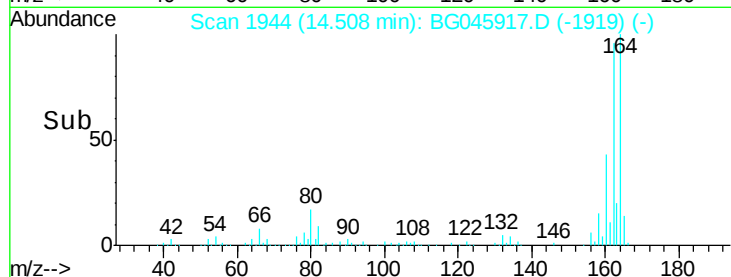
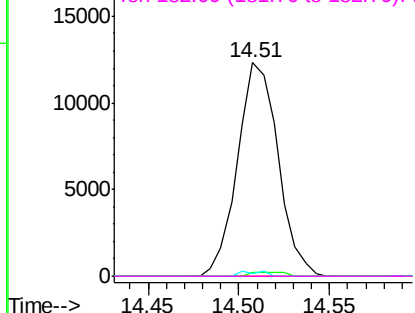


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

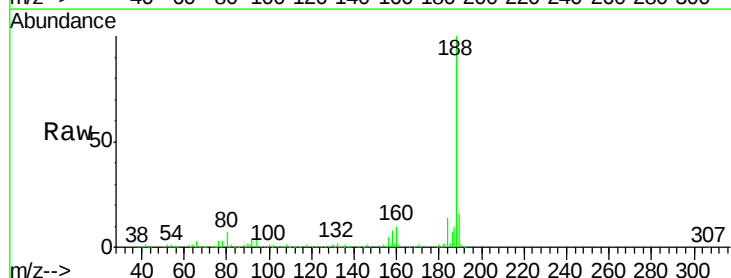
Ion 89.00 (88.70 to 89.70): BGC

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. -0.01 min
 Lab File: BG045917.D
 Acq: 2 Jul 2020 16:43

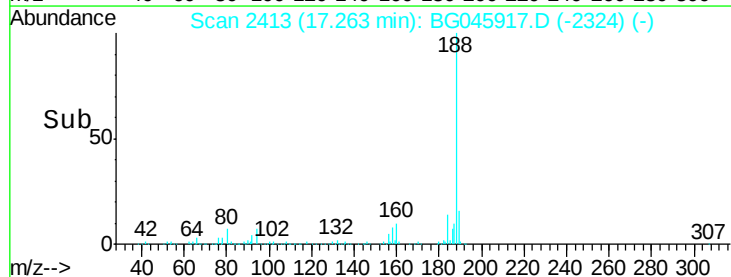
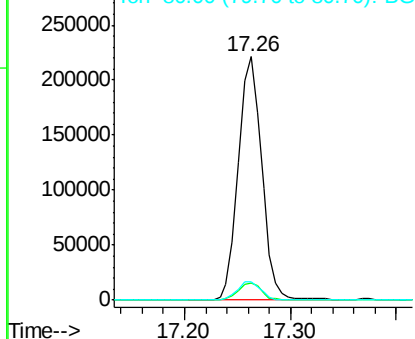
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	7.3	6.1	9.1

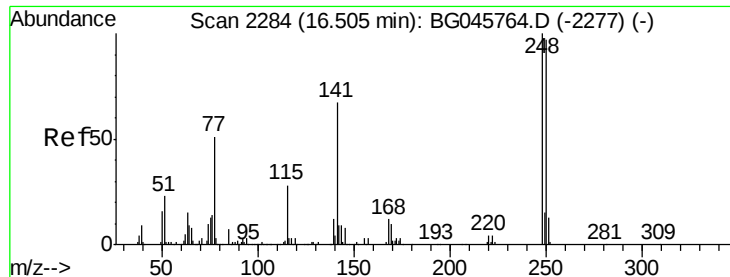


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

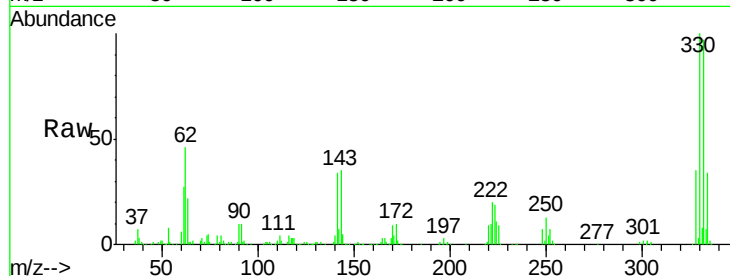




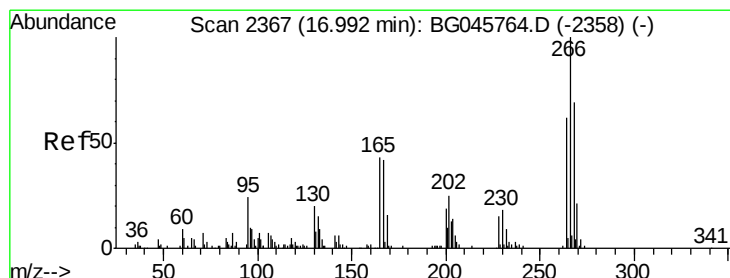
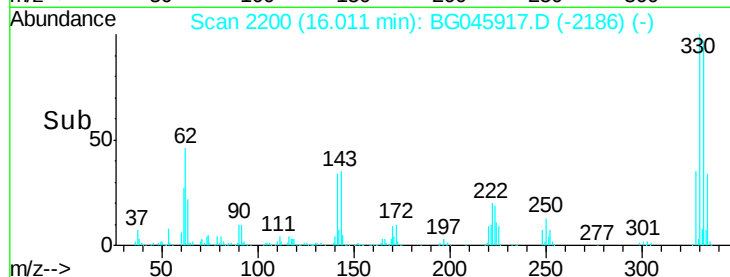
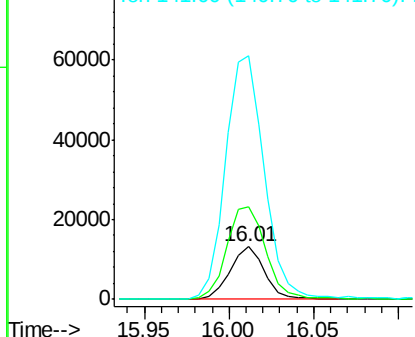
#67
4-Bromophenyl-phenylether
Concen: 4.204 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MH-2-COMP

Tot Ion:248 Resp: 18596
Ion Ratio Lower Upper
248 100
250 176.8 77.2 115.8#
141 461.8 52.6 79.0#

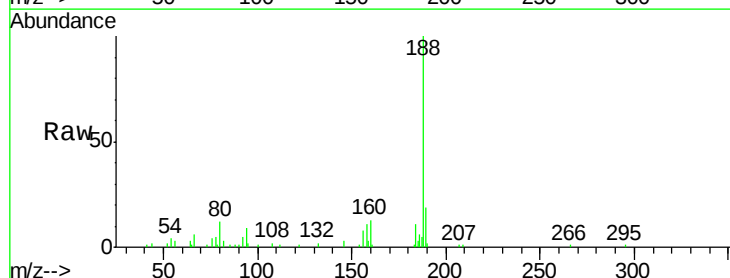


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

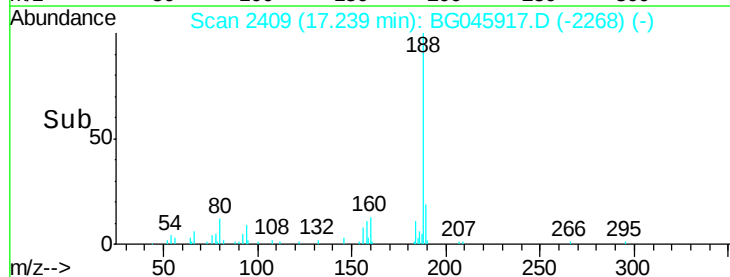
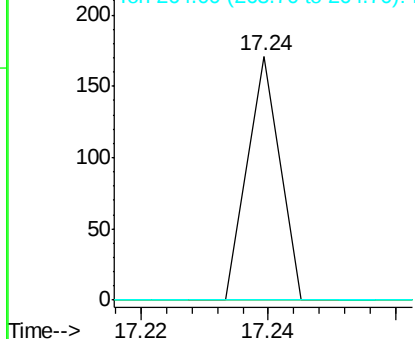


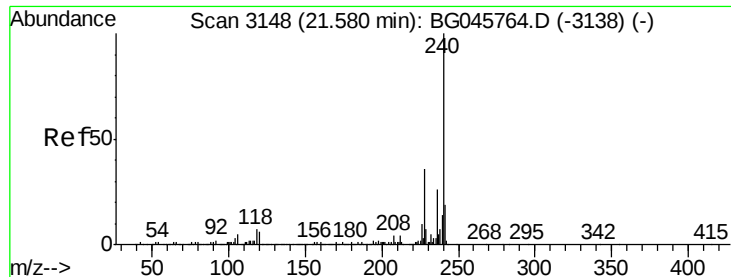
#70
Pentachlorophenol
Concen: 7.656 ng
RT: 17.24 min Scan# 2409
Delta R.T. 0.30 min
Lab File: BG045917.D
Acq: 2 Jul 2020 16:43

Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
268 0.0 50.5 75.7#
264 0.0 47.0 70.6#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

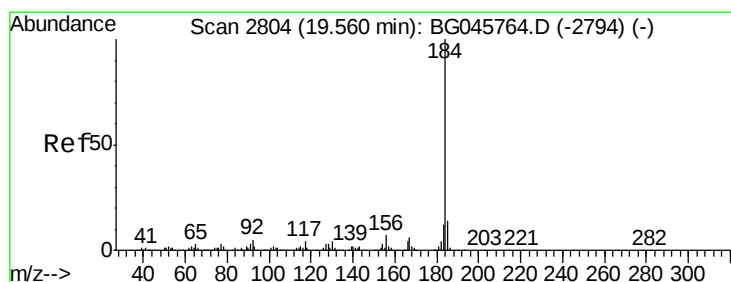
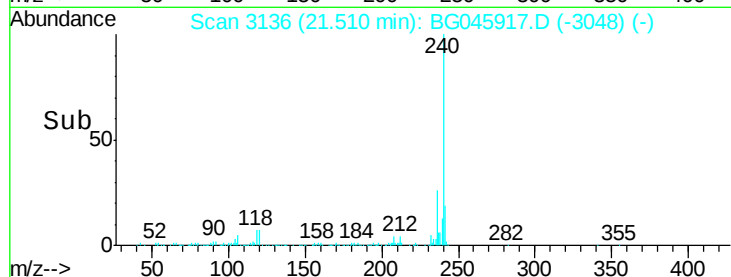
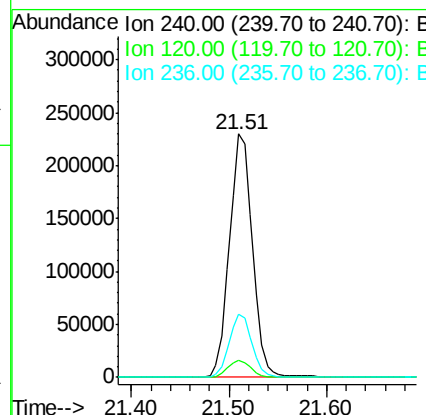
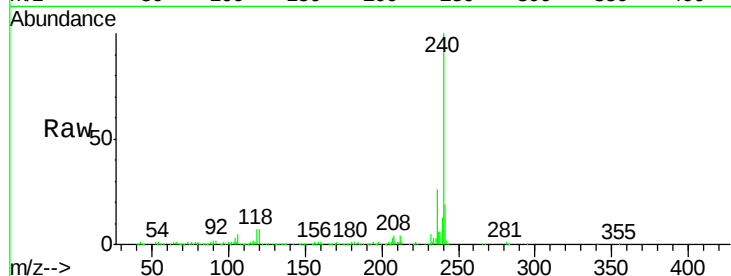




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG045917.D
 Acq: 2 Jul 2020 16:43

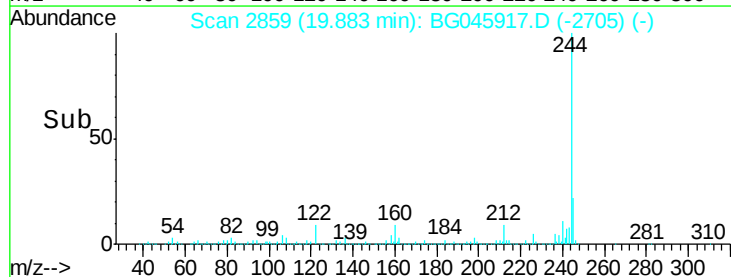
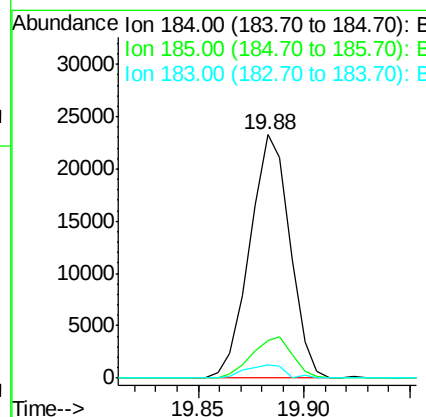
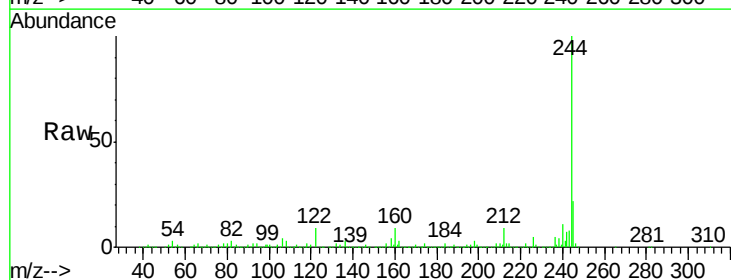
Instrument :
 BNA_G
 ClientSampleId :
 MH-2-COMP

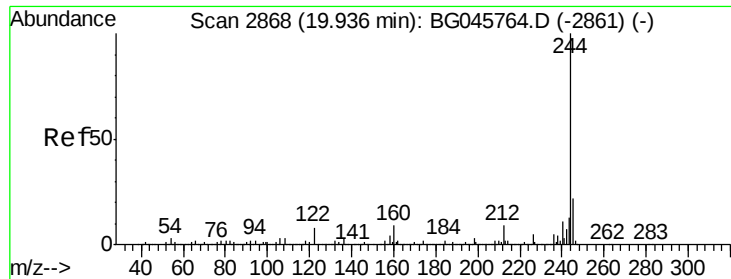
Tot Ion:240 Resp: 377233
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.2 7.8
 236 25.8 20.8 31.2



#77
 Benzidine
 Concen: 3.129 ng
 RT: 19.88 min Scan# 2859
 Delta R.T. 0.38 min
 Lab File: BG045917.D
 Acq: 2 Jul 2020 16:43

Tgt Ion:184 Resp: 30690
 Ion Ratio Lower Upper
 184 100
 185 15.6 11.1 16.7
 183 5.4 10.6 15.8#





#79

Terphenyl-d14

Concen: 87.553 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG045917.D

Acq: 2 Jul 2020 16:43

Instrument :

BNA_G

ClientSampleId :

MH-2-COMP

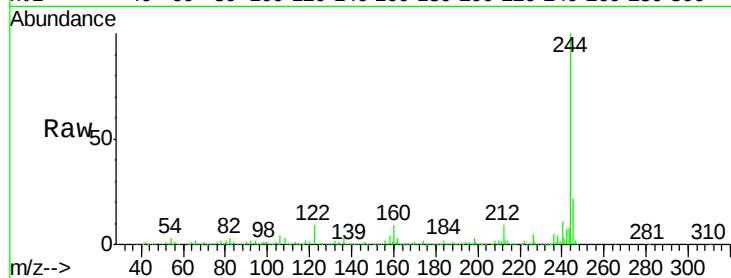
Tot Ion:244 Resp: 1629721

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

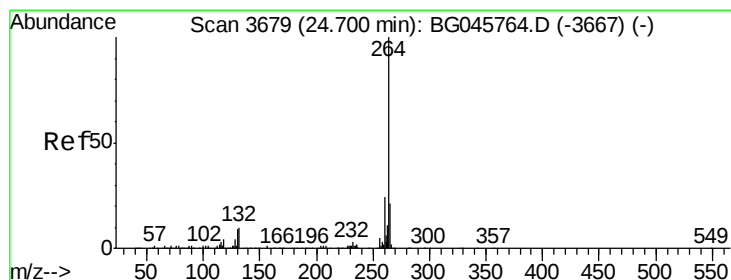
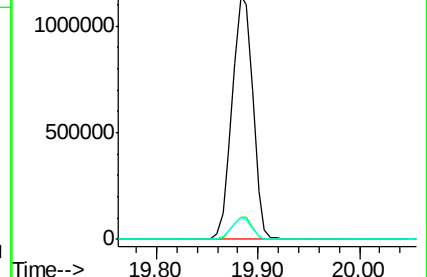
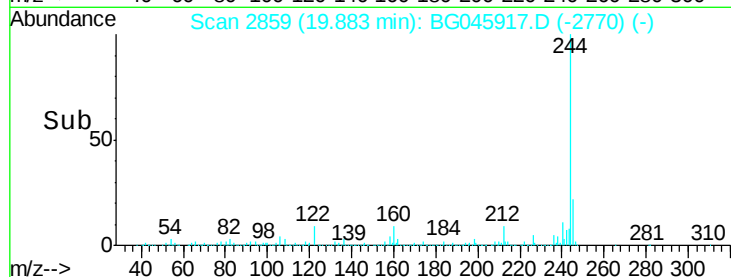
122 8.9 6.6 9.8



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

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045917.D

Acq: 2 Jul 2020 16:43

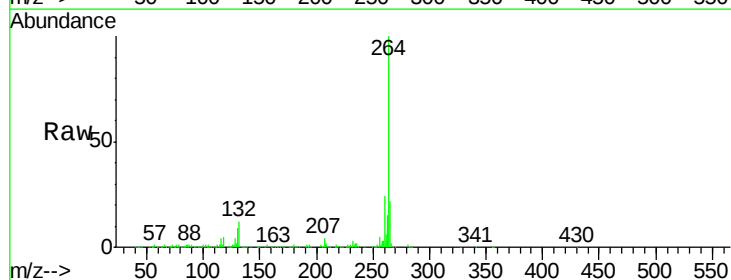
Tgt Ion:264 Resp: 389695

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.3 16.4 24.6



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

