

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045842.D
 Acq On : 24 Jun 2020 11:23
 Operator : CG/JU
 Sample : PB129710BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129710BL

Quant Time: Jun 24 12:49:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

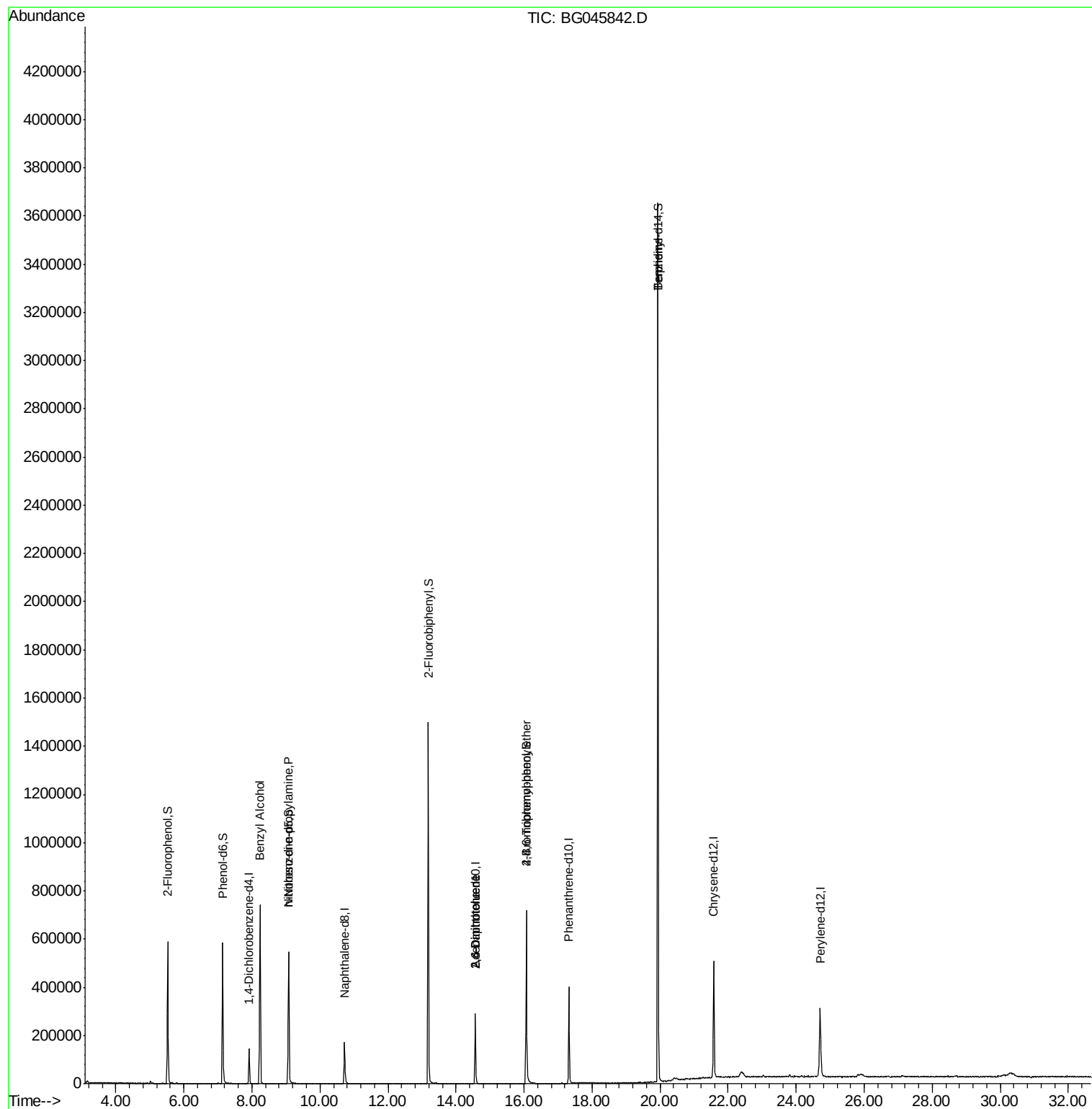
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	45927	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	159928	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	115435	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	273869	20.00	ng	0.00
76) Chrysene-d12	21.58	240	328332	20.00	ng	0.00
86) Perylene-d12	24.70	264	340217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	277461	102.05	ng	-0.02
7) Phenol-d6	7.14	99	381155	92.17	ng	-0.02
23) Nitrobenzene-d5	9.08	82	384000	109.69	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	171296	98.29	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	858234	109.26	ng	0.00
79) Terphenyl-d14	19.94	244	1651959	101.97	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	7161	2.238	ng	# 57
19) n-Nitroso-di-n-propylamine	9.08	70	53232	19.579	ng	# 79
51) 2,6-Dinitrotoluene	14.57	165	14231	7.006	ng	# 24
57) 2,4-Dinitrotoluene	14.57	165	14231	4.890	ng	# 23
67) 4-Bromophenyl-phenylether	16.07	248	11450	3.218	ng	# 1
77) Benzidine	19.94	184	30039	3.519	ng	# 90

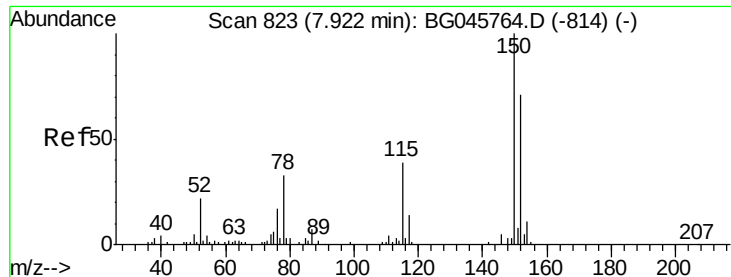
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampleId :
PB129710BL

Quant Time: Jun 24 12:49:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration



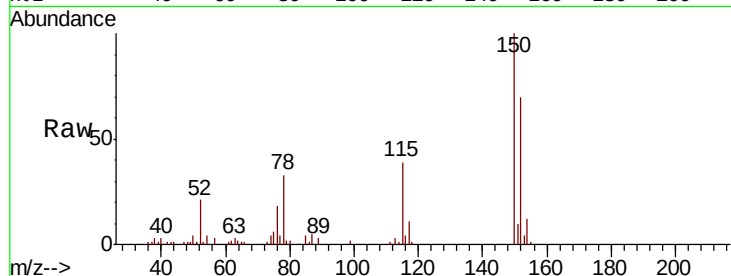


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045842.D
Acq: 24 Jun 2020 11:23

Instrument :
BNA_G
ClientSampleId :
PB129710BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.4	113.1	169.7
115	56.1	43.8	65.6

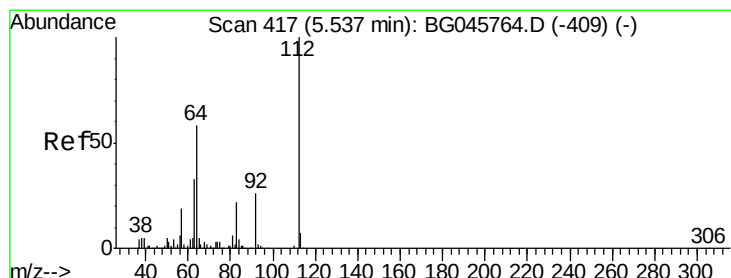
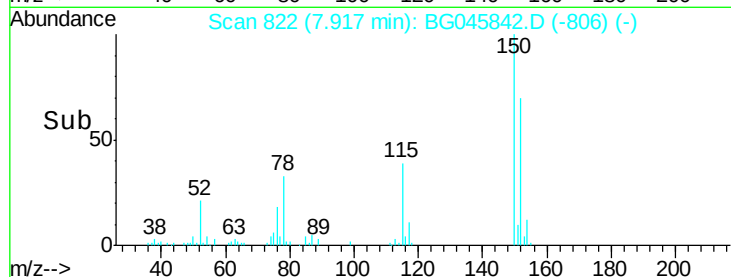
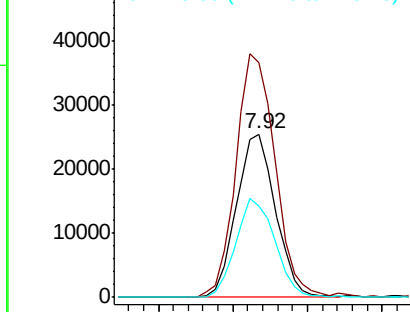


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

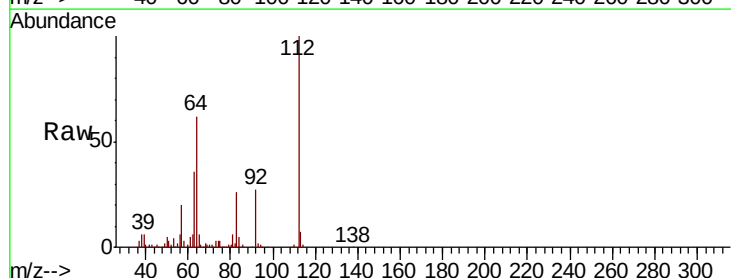
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.053 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG045842.D
Acq: 24 Jun 2020 11:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	46.6	69.8
63	35.8	26.3	39.5

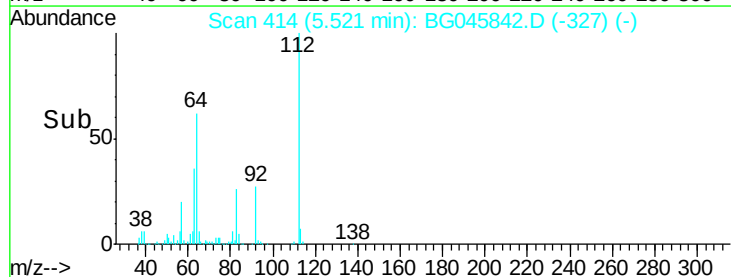
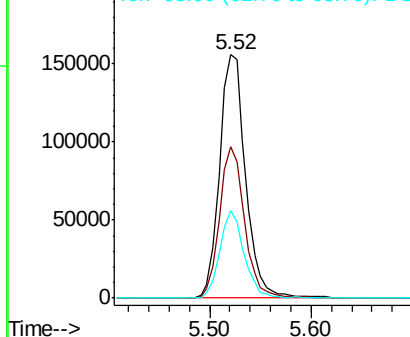


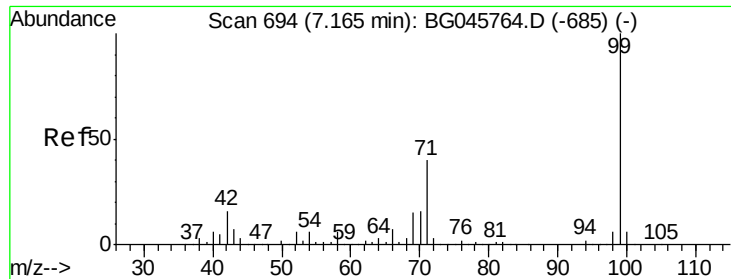
Abundance

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: 92.166 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045842.D

Acq: 24 Jun 2020 11:23

Instrument :

BNA_G

ClientSampled :

PB129710BL

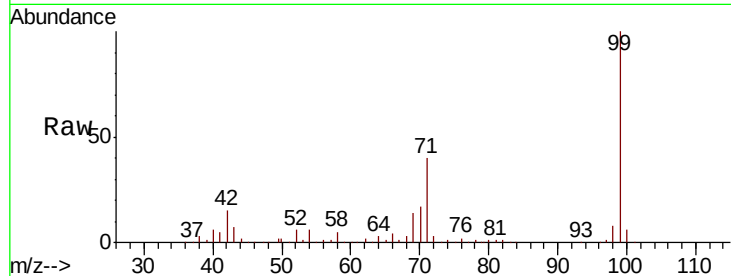
Tot Ion: 99 Resp: 381155

Ion Ratio Lower Upper

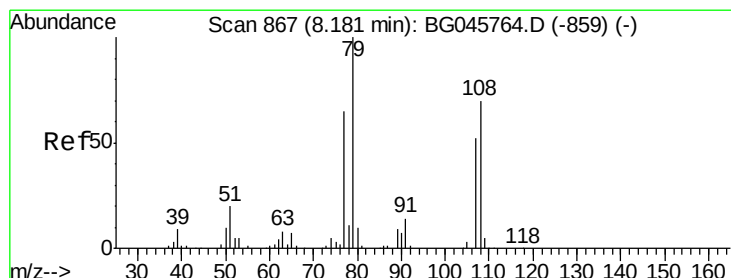
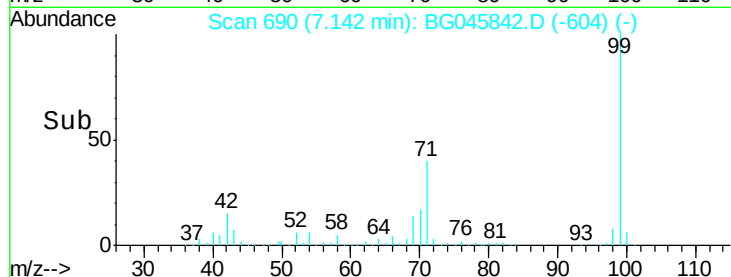
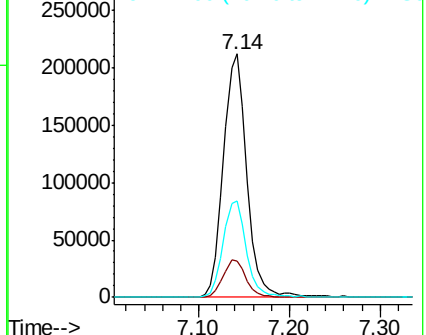
99 100

42 14.6 12.4 18.6

71 39.7 32.1 48.1



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



#15

Benzyl Alcohol

Concen: 2.238 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG045842.D

Acq: 24 Jun 2020 11:23

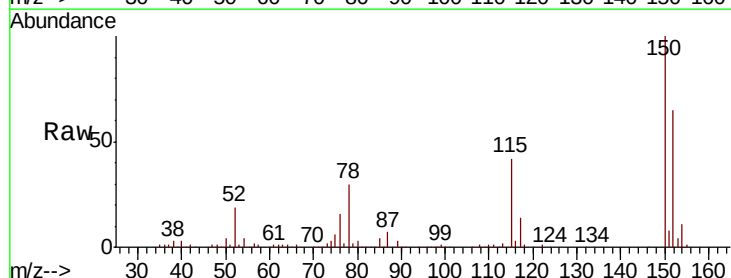
Tgt Ion: 79 Resp: 7161

Ion Ratio Lower Upper

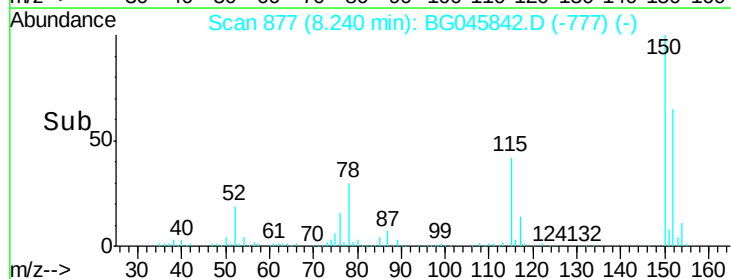
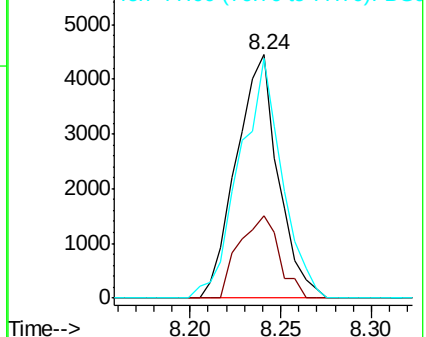
79 100

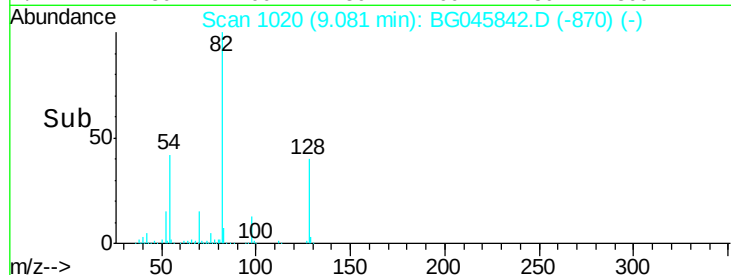
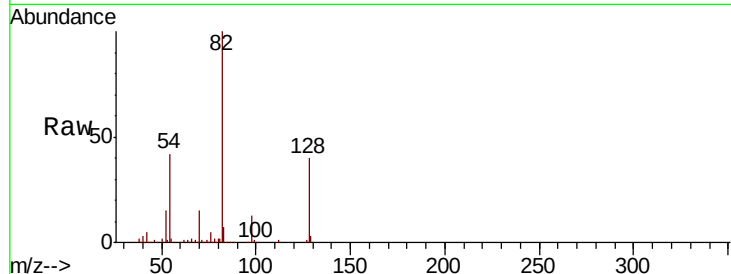
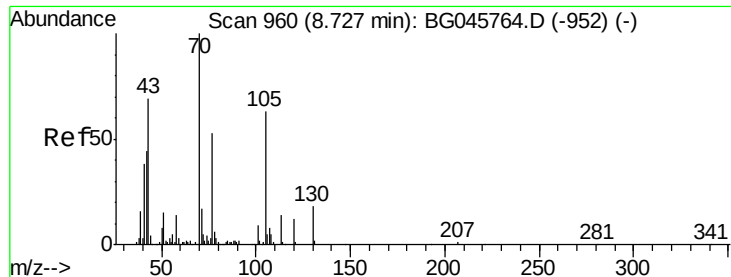
108 33.9 56.2 84.4#

77 98.7 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

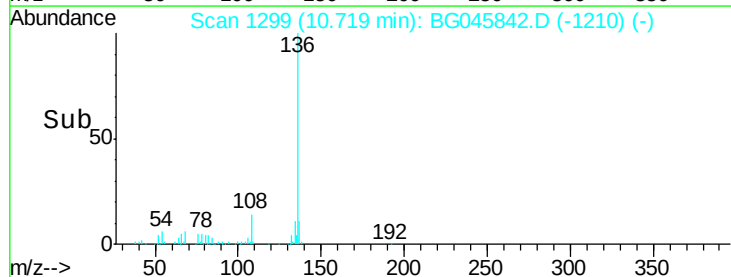
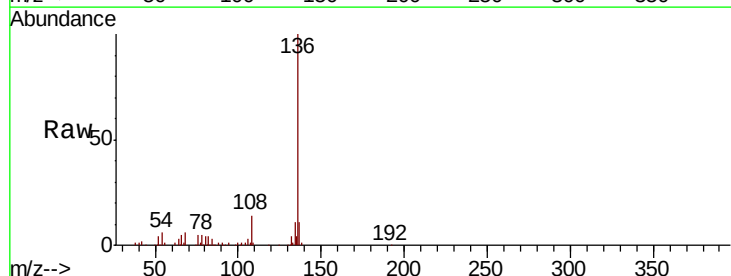
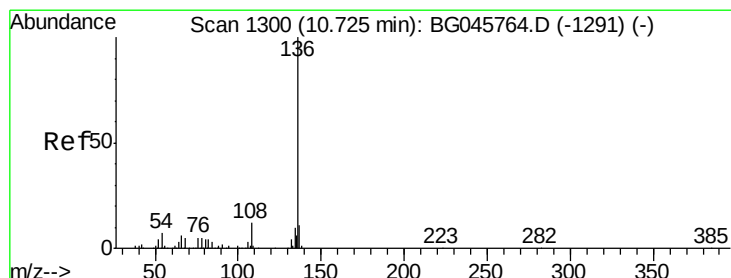
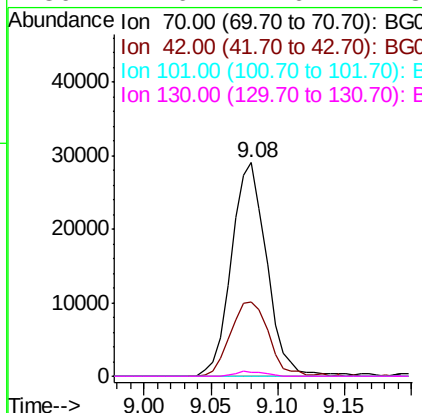




#19
n-Nitroso-di-n-propylamine
Concen: 19.579 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG045842.D
Acq: 24 Jun 2020 11:23

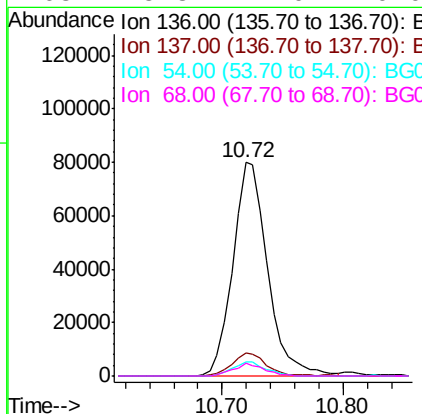
Instrument :
BNA_G
ClientSampleId :
PB129710BL

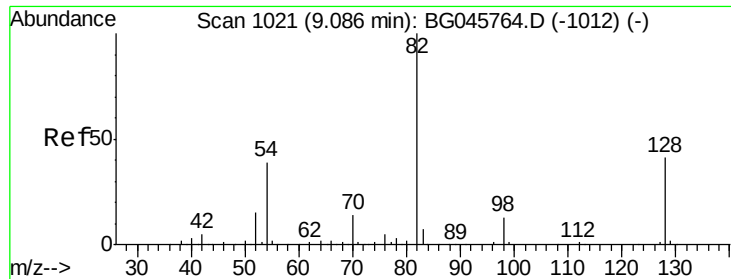
Tot Ion: 70 Resp: 53232
Ion Ratio Lower Upper
70 100
42 35.0 35.1 52.7#
101 0.0 7.4 11.0#
130 1.6 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG045842.D
Acq: 24 Jun 2020 11:23

Tgt Ion: 136 Resp: 159928
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.4 5.8 8.6
68 5.8 4.0 6.0

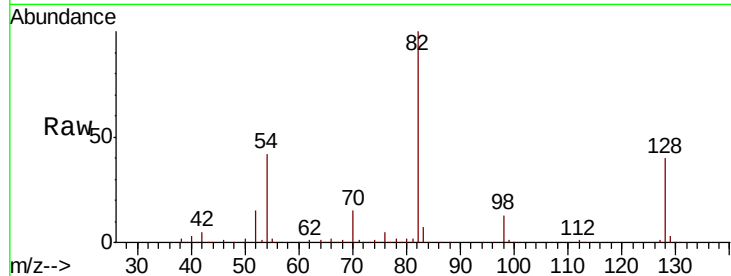




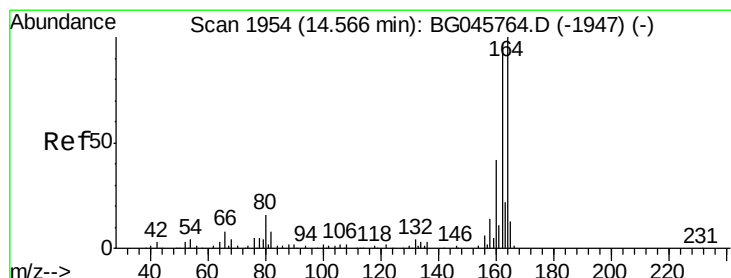
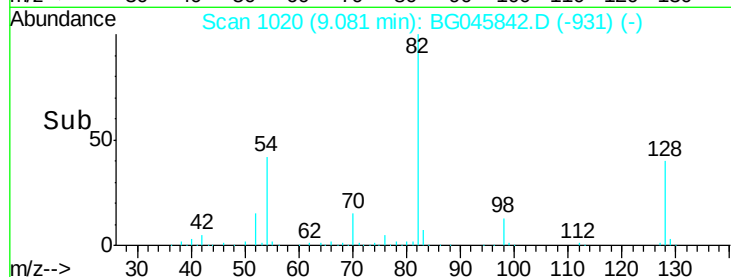
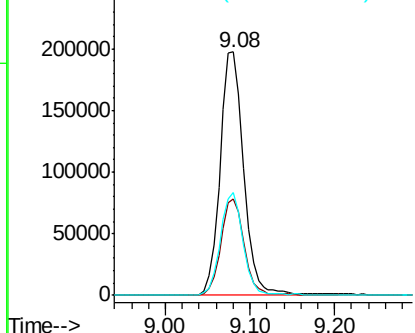
#23
 Nitrobenzene-d5
 Concen: 109.690 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045842.D
 Acq: 24 Jun 2020 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PB129710BL

Tot Ion	82	Resp	384000
Ion Ratio	Lower	Upper	
82	100		
128	39.8	32.5	48.7
54	42.4	31.2	46.8

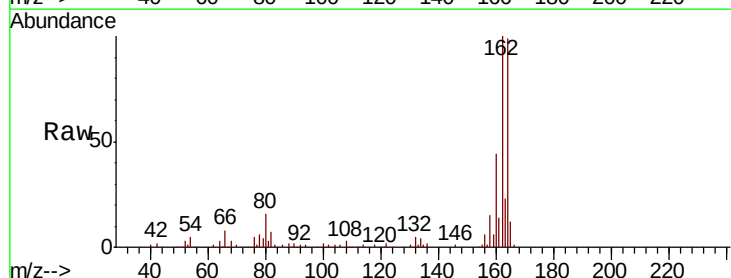


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

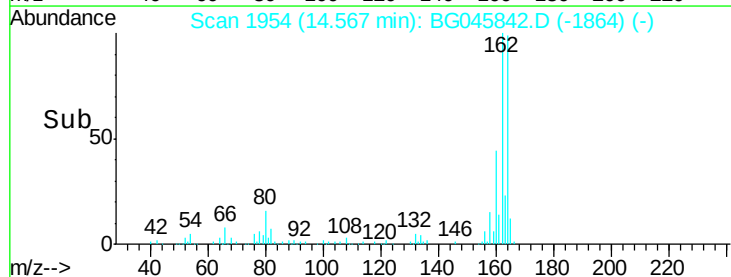
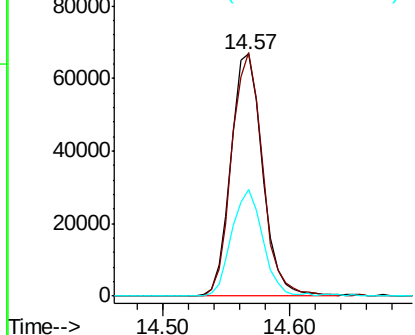


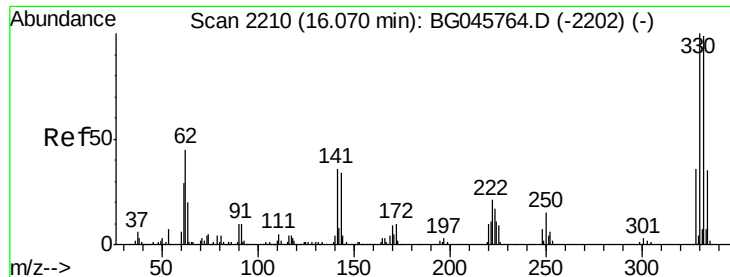
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG045842.D
 Acq: 24 Jun 2020 11:23

Tgt Ion	164	Resp	115435
Ion Ratio	Lower	Upper	
164	100		
162	100.6	77.4	116.0
160	44.0	33.3	49.9



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

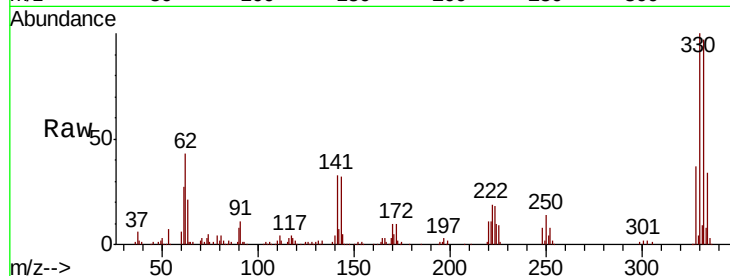




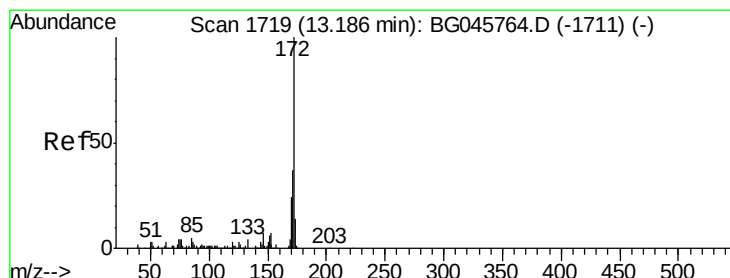
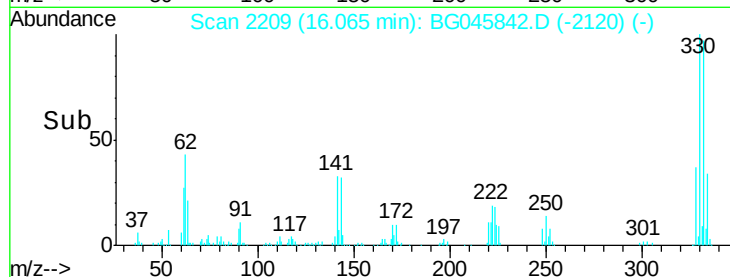
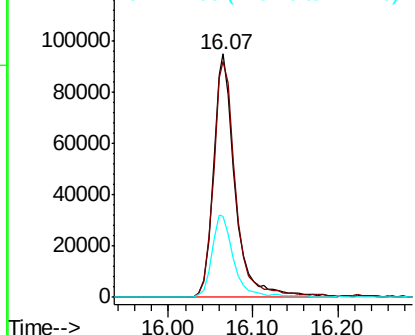
#42
 2,4,6-Tribromophenol
 Concen: 98.290 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG045842.D
 Acq: 24 Jun 2020 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PB129710BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.6	117.8
141	33.2	28.2	42.4

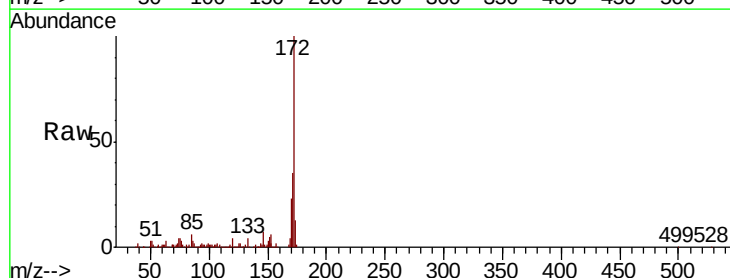


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

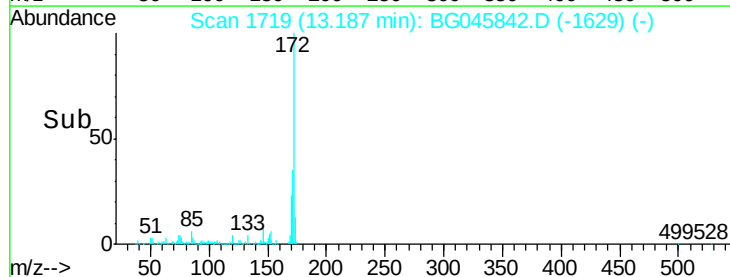
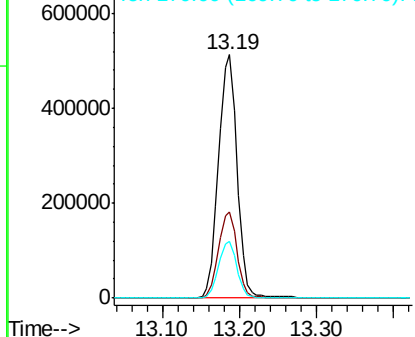


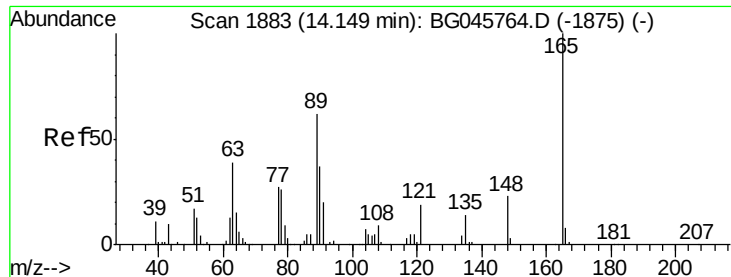
#45
 2-Fluorobiphenyl
 Concen: 109.258 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045842.D
 Acq: 24 Jun 2020 11:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	23.5	19.3	28.9



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

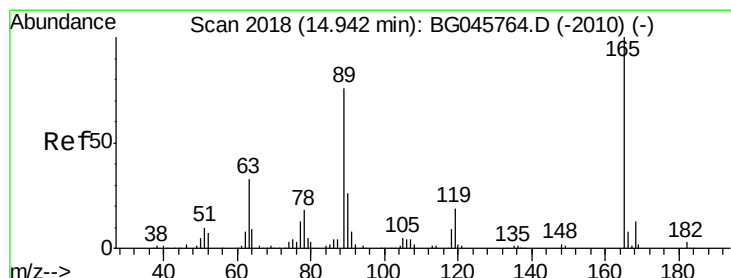
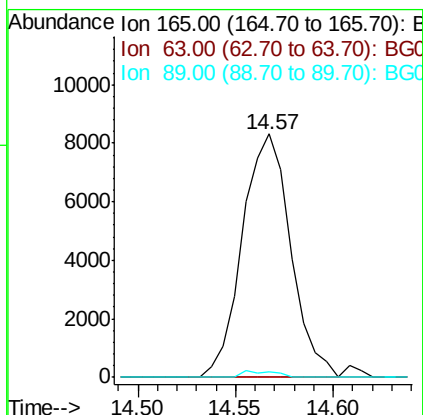
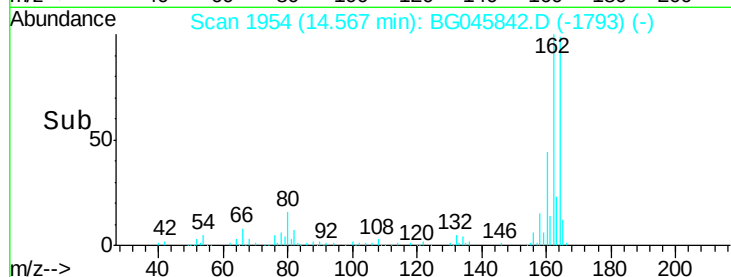
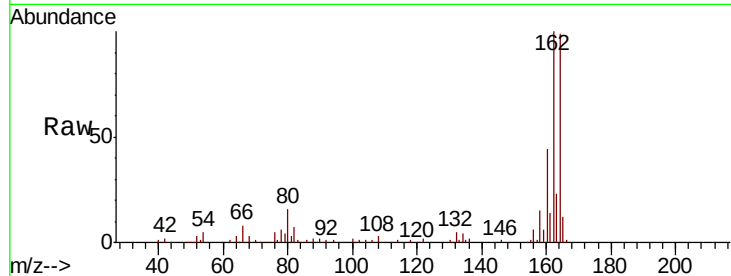




#51
 2,6-Dinitrotoluene
 Concen: 7.006 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.42 min
 Lab File: BG045842.D
 Acq: 24 Jun 2020 11:23

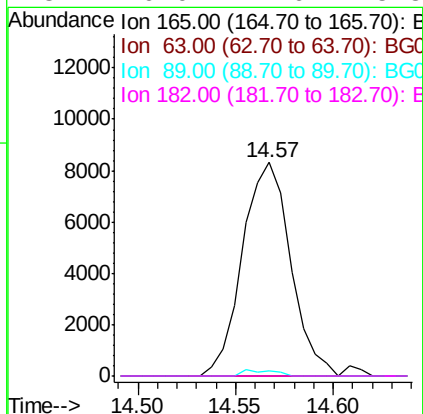
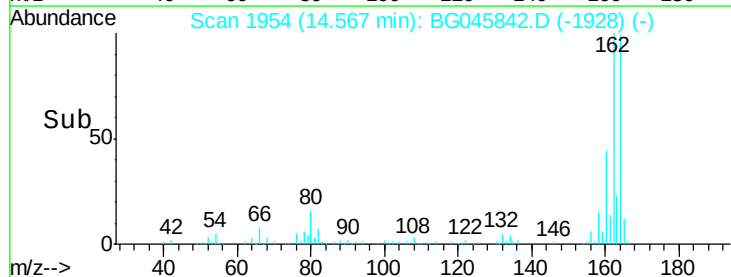
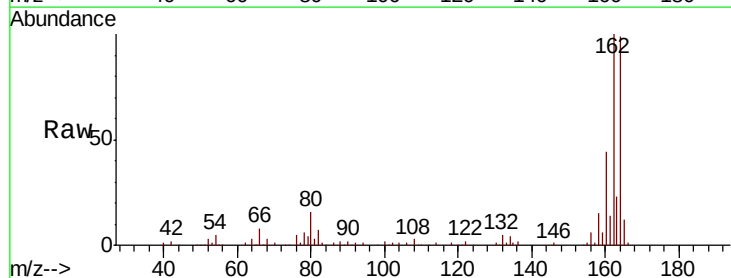
Instrument :
 BNA_G
 ClientSampleId :
 PB129710BL

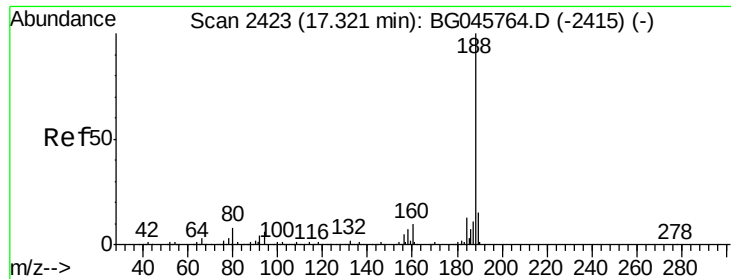
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.2	61.8#
89	2.3	49.7	74.5#



#57
 2,4-Dinitrotoluene
 Concen: 4.890 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BG045842.D
 Acq: 24 Jun 2020 11:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	2.3	60.4	90.6#
182	0.0	2.6	3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045842.D

Acq: 24 Jun 2020 11:23

Instrument :

BNA_G

ClientSampleId :

PB129710BL

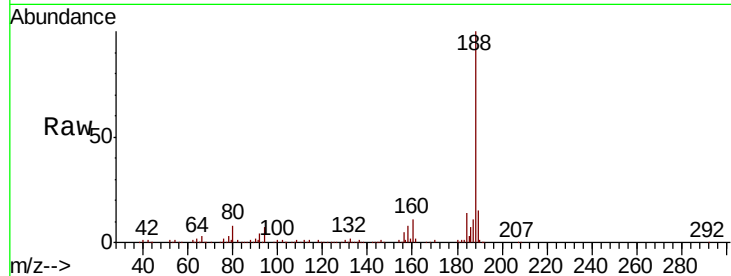
Tot Ion:188 Resp: 273869

Ion Ratio Lower Upper

188 100

94 7.0 5.1 7.7

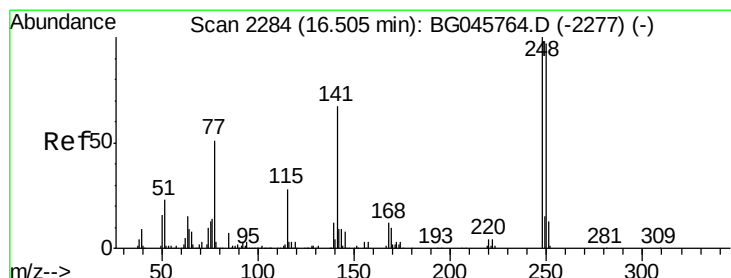
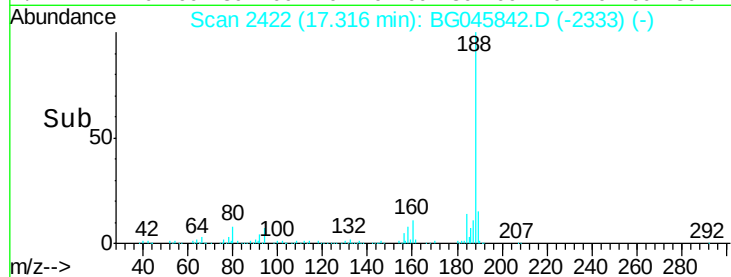
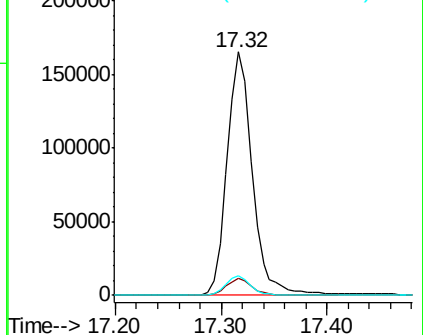
80 8.2 6.2 9.4



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



#67

4-Bromophenyl-phenylether

Concen: 3.218 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.44 min

Lab File: BG045842.D

Acq: 24 Jun 2020 11:23

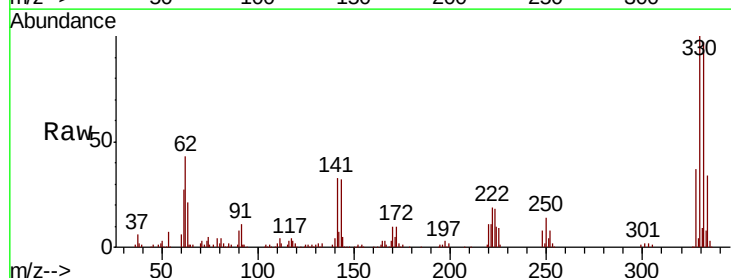
Tgt Ion:248 Resp: 11450

Ion Ratio Lower Upper

248 100

250 182.9 78.0 117.0#

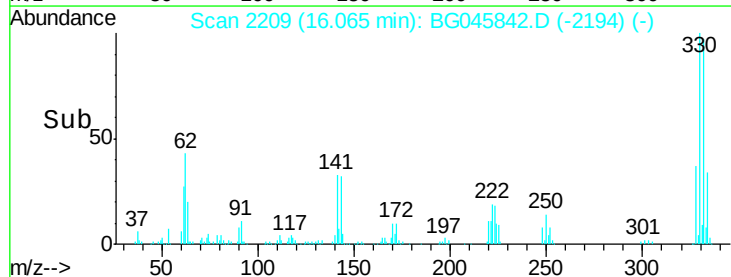
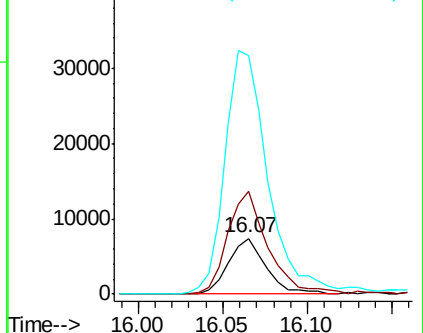
141 426.9 53.9 80.9#

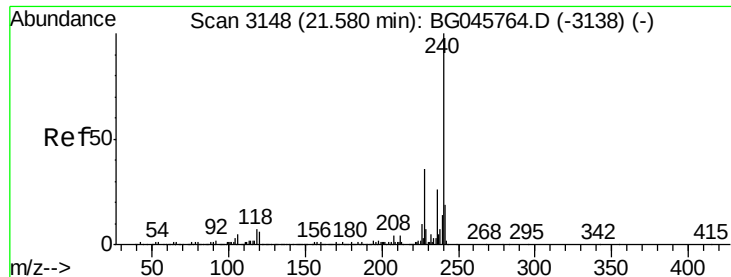


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

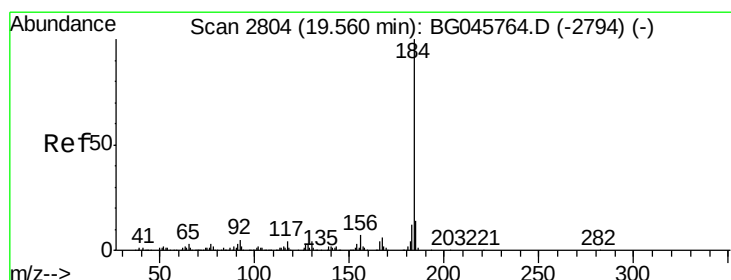
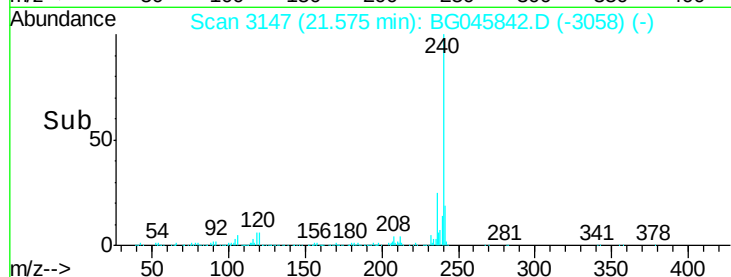
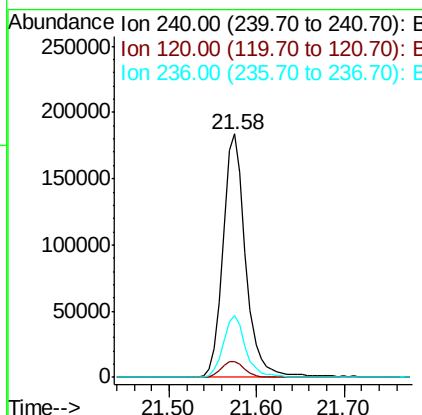
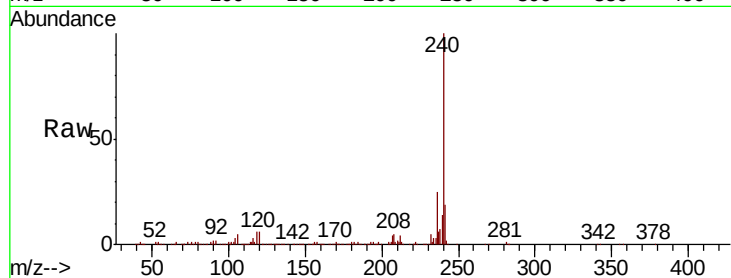




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045842.D
Acq: 24 Jun 2020 11:23

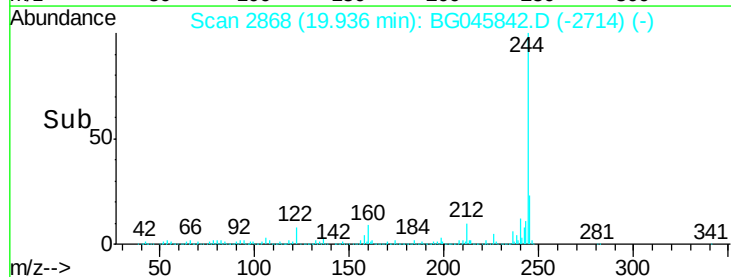
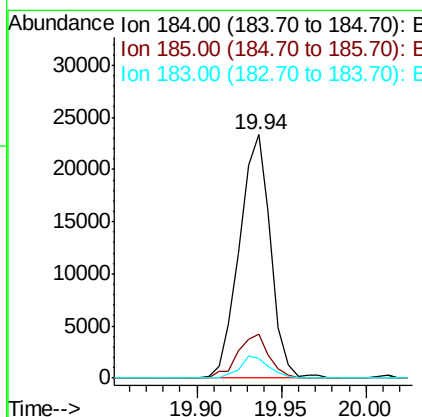
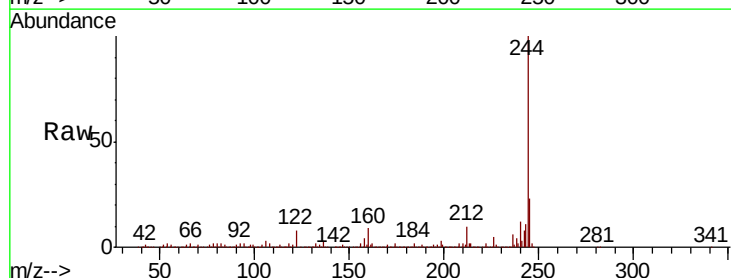
Instrument :
BNA_G
ClientSampleId :
PB129710BL

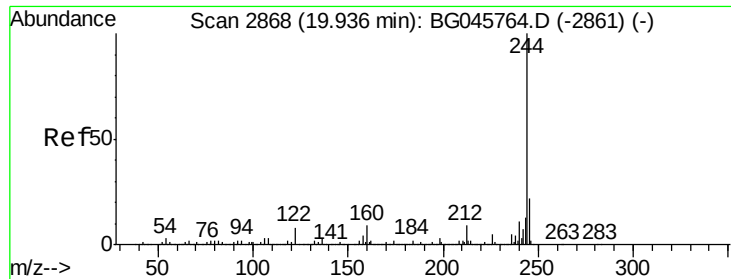
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.0	7.4
236	25.2	20.6	30.8



#77
Benzidine
Concen: 3.519 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.38 min
Lab File: BG045842.D
Acq: 24 Jun 2020 11:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.1	16.7#
183	8.1	9.7	14.5#





#79

Terphenyl-d14

Concen: 101.965 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045842.D

Acq: 24 Jun 2020 11:23

Instrument :

BNA_G

ClientSampleId :

PB129710BL

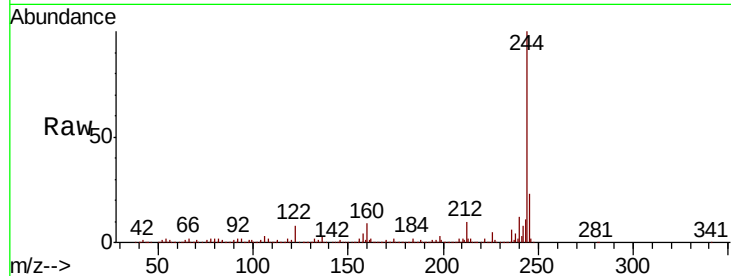
Tot Ion:244 Resp: 1651959

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

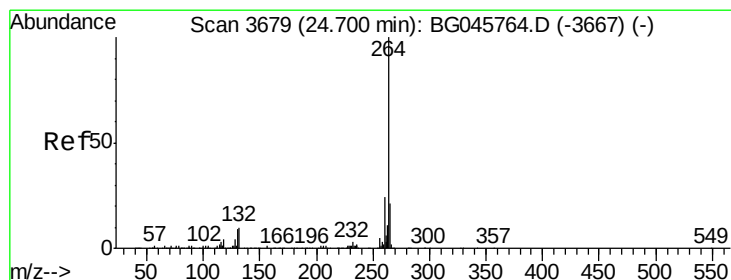
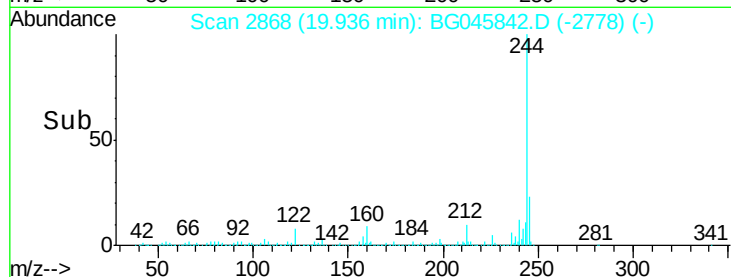
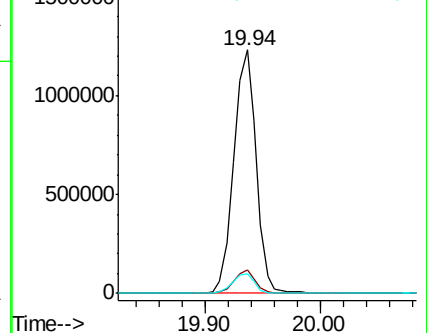
122 8.2 6.4 9.6



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: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045842.D

Acq: 24 Jun 2020 11:23

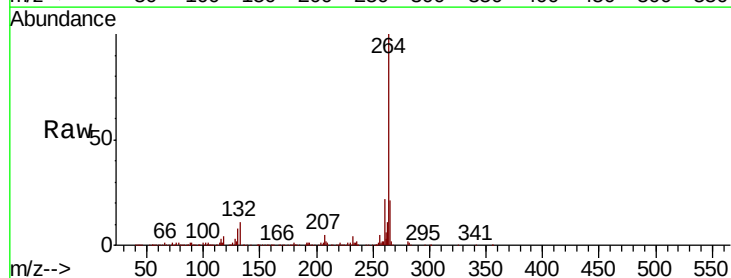
Tgt Ion:264 Resp: 340217

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 21.4 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

