

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045832.D
 Acq On : 23 Jun 2020 9:27
 Operator : CG/JU
 Sample : PB129662BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BL

Quant Time: Jun 23 10:49:46 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

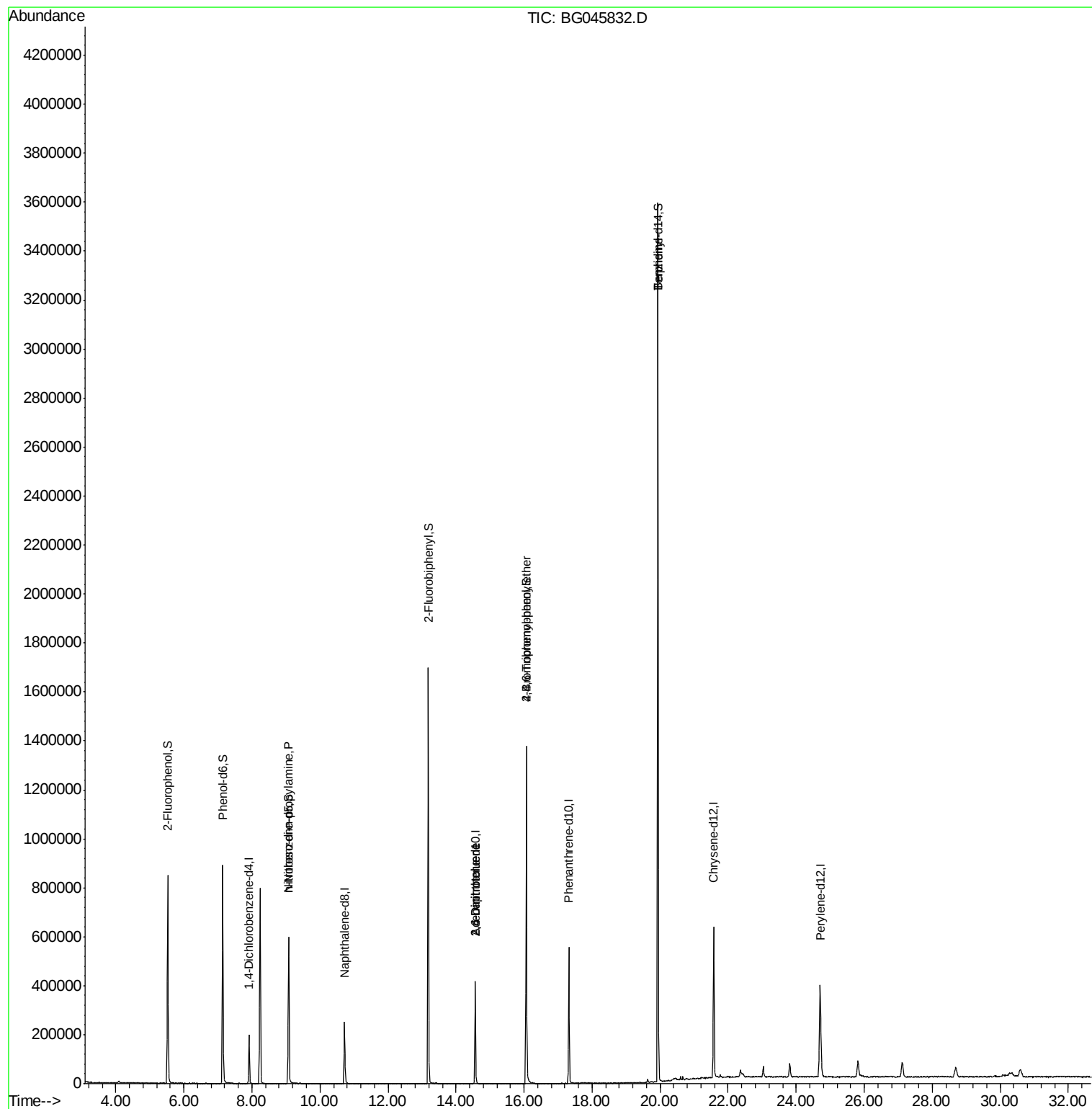
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	58902	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	231268	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	163790	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	383119	20.00	ng	0.00
76) Chrysene-d12	21.58	240	405864	20.00	ng	0.00
86) Perylene-d12	24.70	264	414412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	416885	119.56	ng	-0.02
7) Phenol-d6	7.14	99	579145	109.19	ng	-0.02
23) Nitrobenzene-d5	9.08	82	413761	81.73	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	292448	118.27	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	941933	84.51	ng	0.00
79) Terphenyl-d14	19.94	244	1722967	86.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	57310	16.435	ng	# 80
51) 2,6-Dinitrotoluene	14.56	165	20906	7.254	ng	# 24
57) 2,4-Dinitrotoluene	14.56	165	20906	5.063	ng	# 23
67) 4-Bromophenyl-phenylether	16.07	248	19926	4.003	ng	# 1
77) Benzidine	19.94	184	31696	3.004	ng	# 87

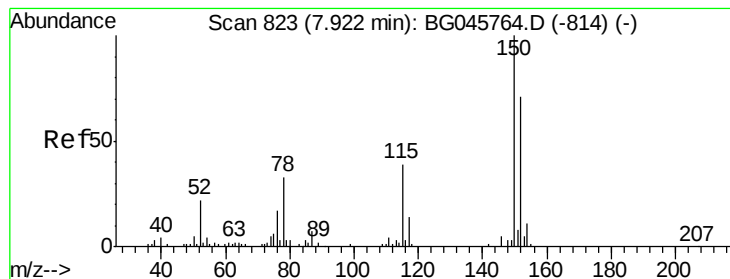
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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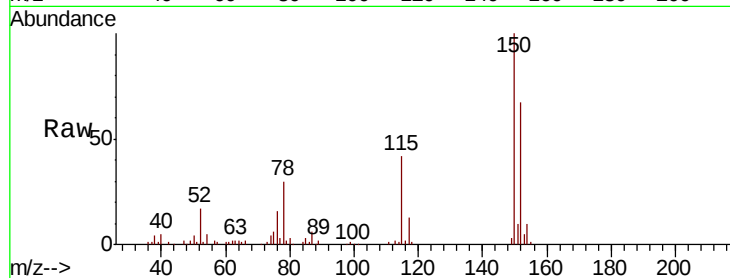


#1

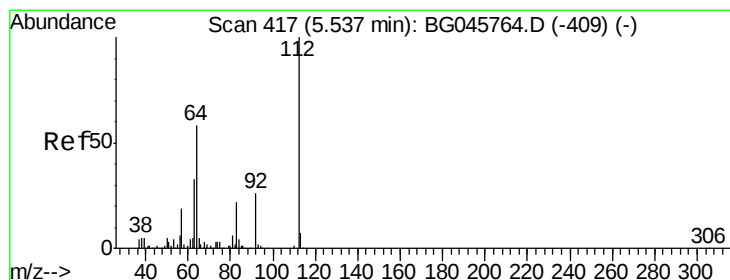
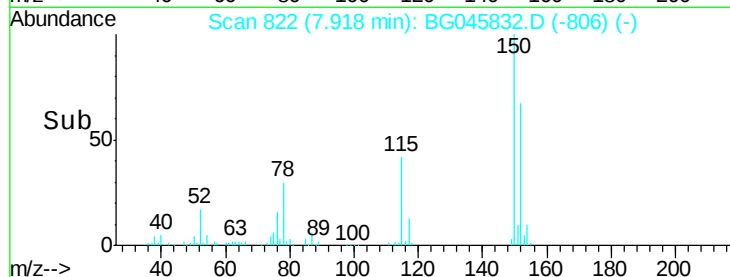
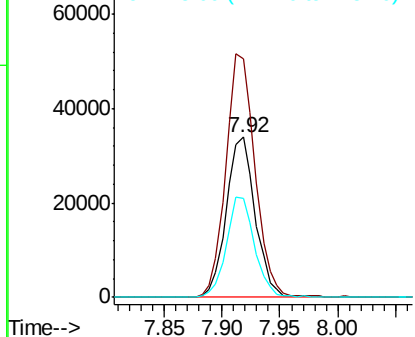
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045832.D
Acq: 23 Jun 2020 9:27

Instrument :
BNA_G
ClientSampleId :
PB129662BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	113.1	169.7
115	62.2	43.8	65.6



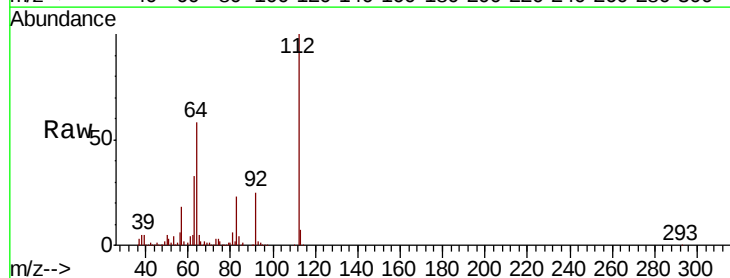
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



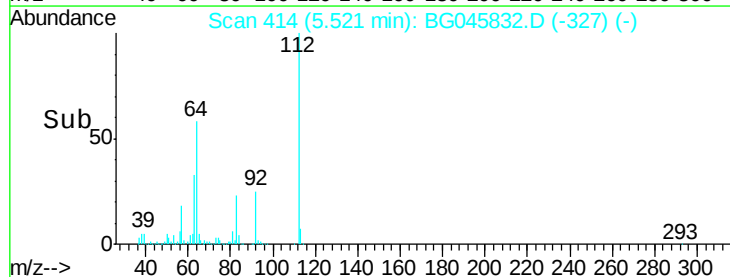
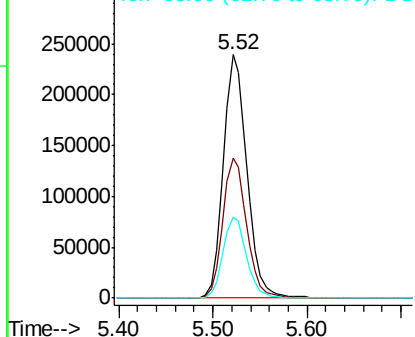
#5

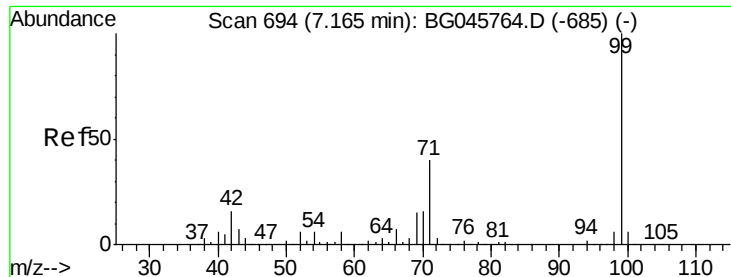
2-Fluorophenol
Concen: 119.557 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG045832.D
Acq: 23 Jun 2020 9:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	69.8
63	33.4	26.3	39.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.193 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045832.D

Acq: 23 Jun 2020 9:27

Instrument :

BNA_G

ClientSampleId :

PB129662BL

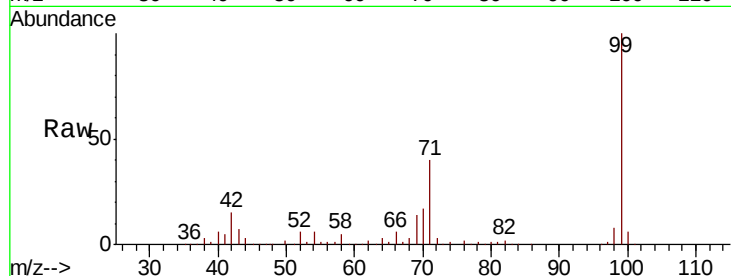
Tot Ion: 99 Resp: 579145

Ion Ratio Lower Upper

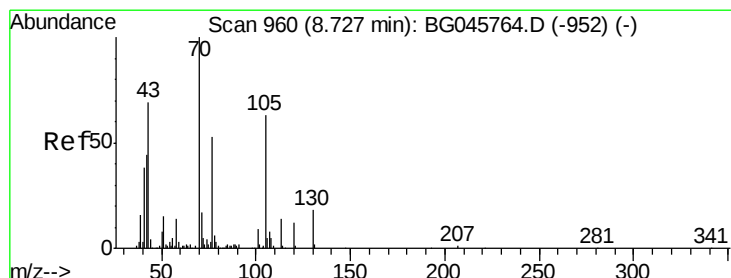
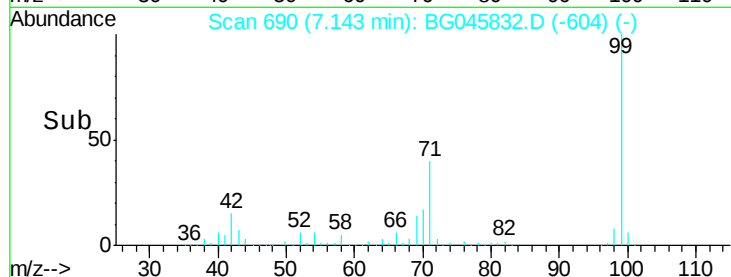
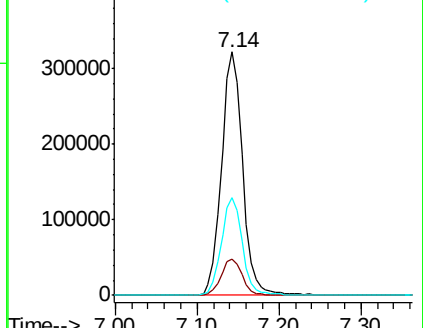
99 100

42 15.0 12.4 18.6

71 40.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.435 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG045832.D

Acq: 23 Jun 2020 9:27

Tgt Ion: 70 Resp: 57310

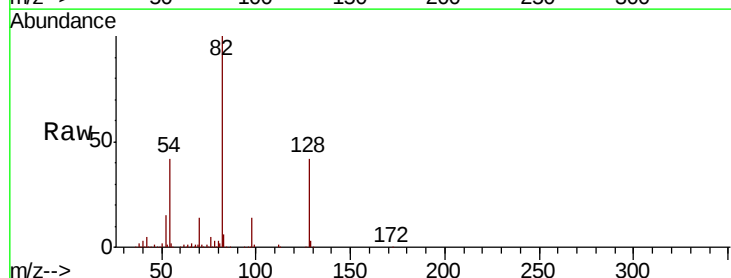
Ion Ratio Lower Upper

70 100

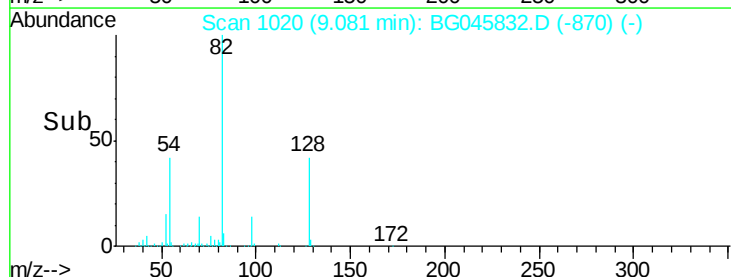
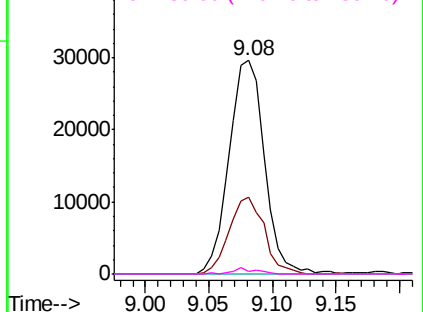
42 36.0 35.1 52.7

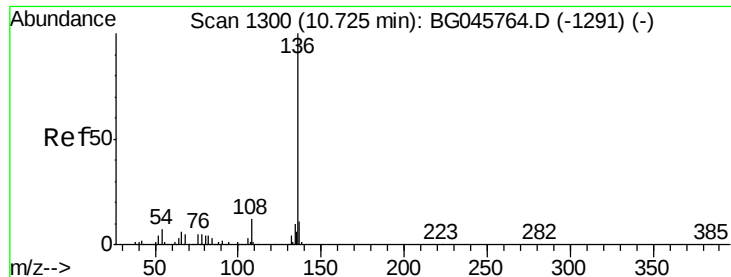
101 0.0 7.4 11.0#

130 1.5 14.6 21.8#



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

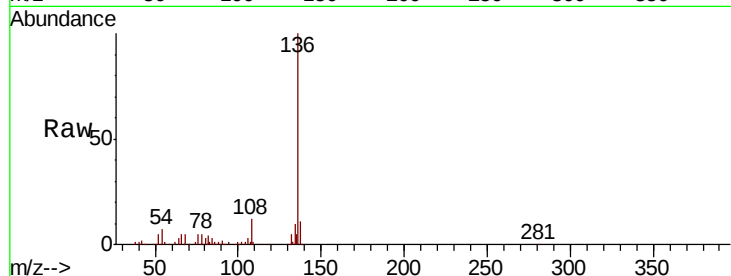




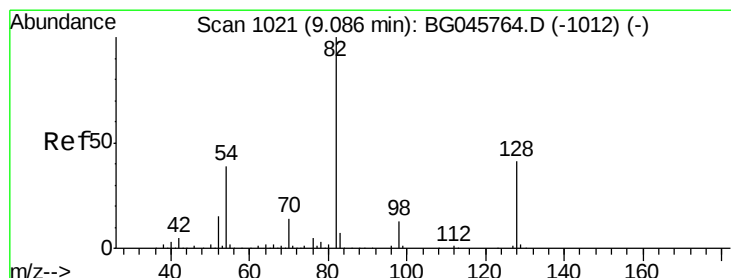
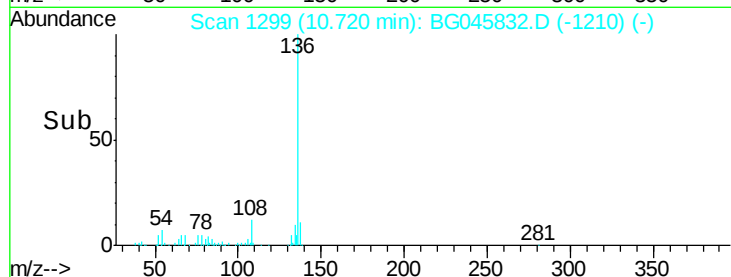
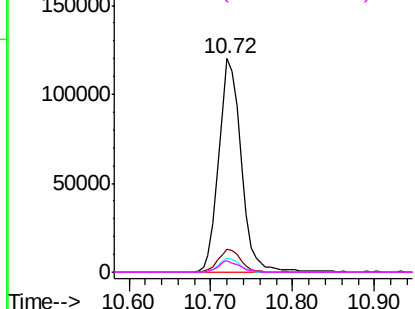
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045832.D
Acq: 23 Jun 2020 9:27

Instrument :
BNA_G
ClientSampleId :
PB129662BL

Tot Ion:136	Resp:	231268
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	6.6	5.8 8.6
68	5.3	4.0 6.0

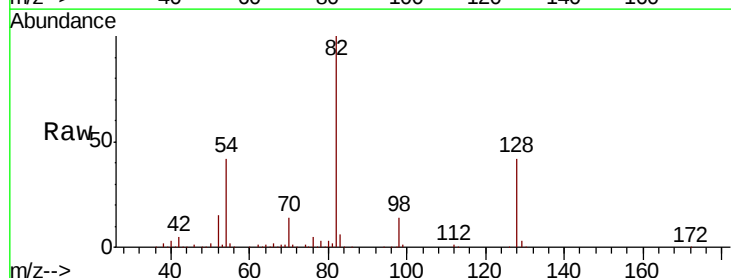


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

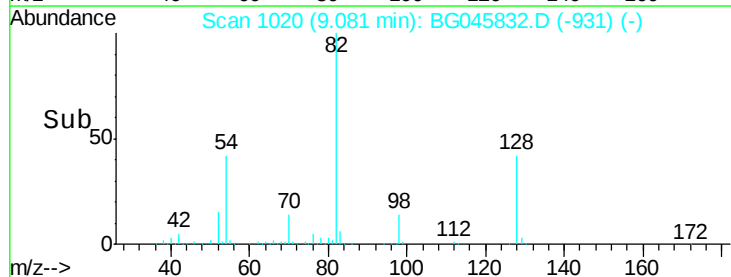
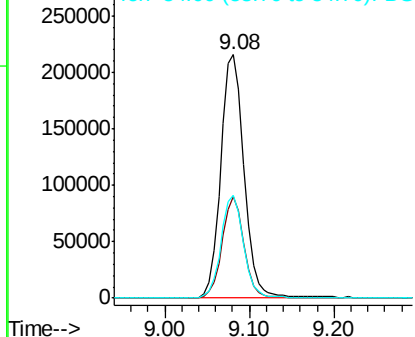


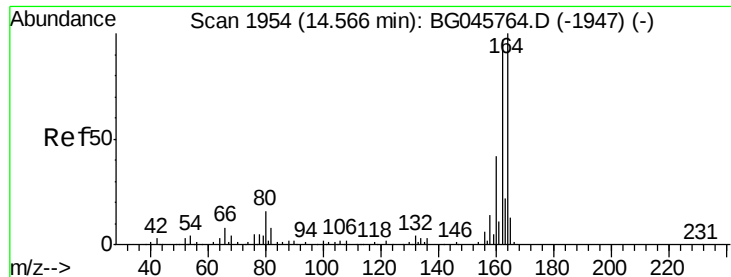
#23
Nitrobenzene-d5
Concen: 81.732 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045832.D
Acq: 23 Jun 2020 9:27

Tgt Ion: 82	Resp:	413761
Ion Ratio	Lower	Upper
82	100	
128	41.5	32.5 48.7
54	42.0	31.2 46.8



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: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045832.D

Acq: 23 Jun 2020 9:27

Instrument :

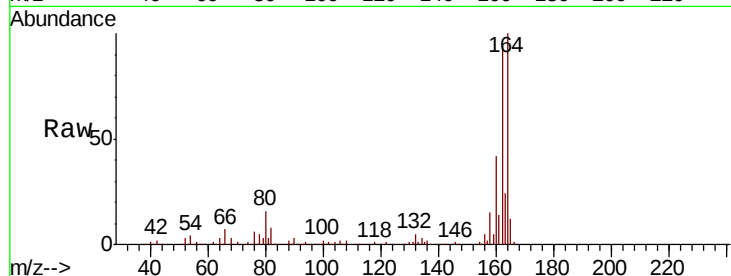
BNA_G

ClientSampleId :

PB129662BL

Tot Ion:164 Resp: 163790

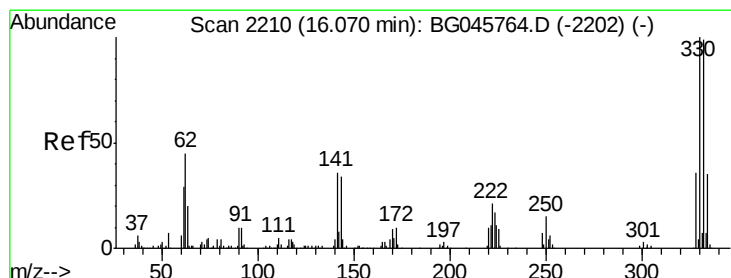
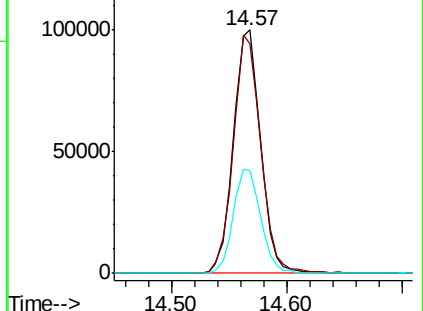
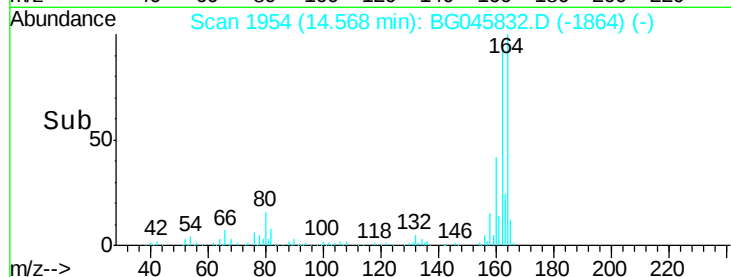
Ion	Ratio	Lower	Upper
164	100		
162	94.4	77.4	116.0
160	42.2	33.3	49.9



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: 118.266 ng

RT: 16.07 min Scan# 2209

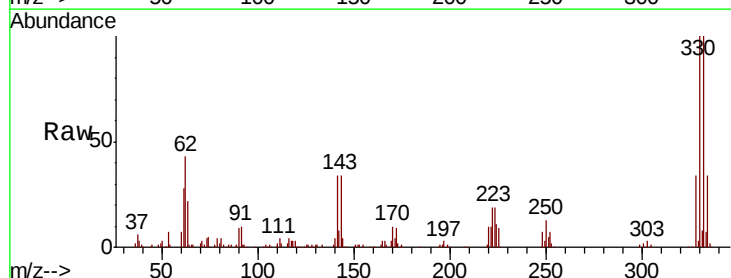
Delta R.T. -0.00 min

Lab File: BG045832.D

Acq: 23 Jun 2020 9:27

Tgt Ion:330 Resp: 292448

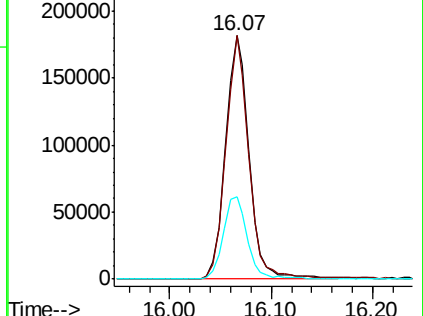
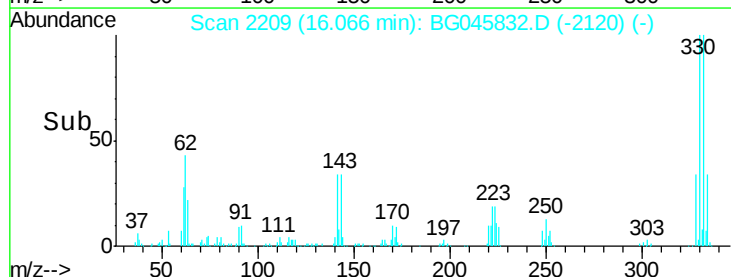
Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.6	117.8
141	35.1	28.2	42.4

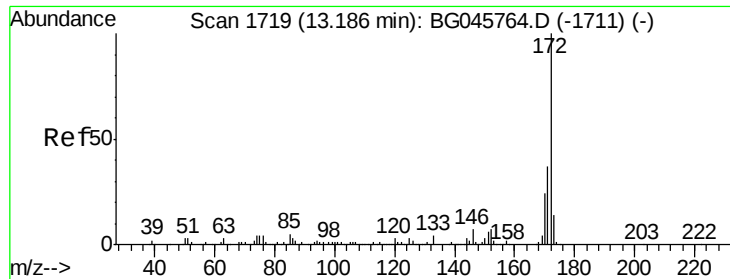


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

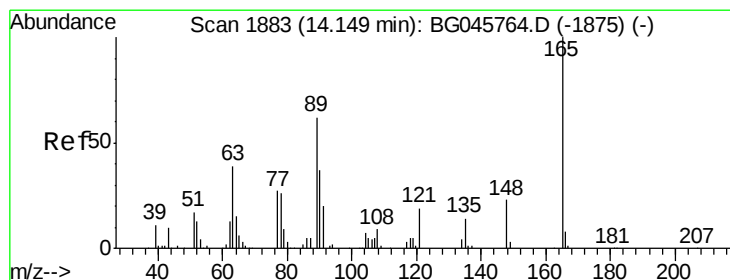
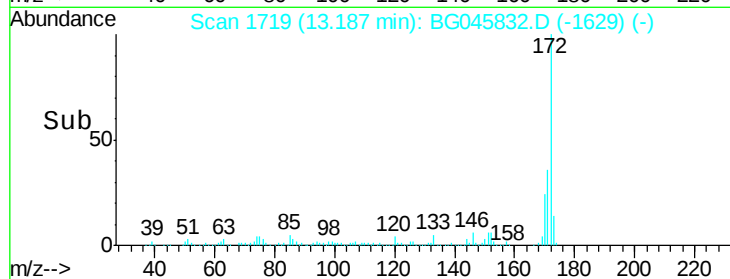
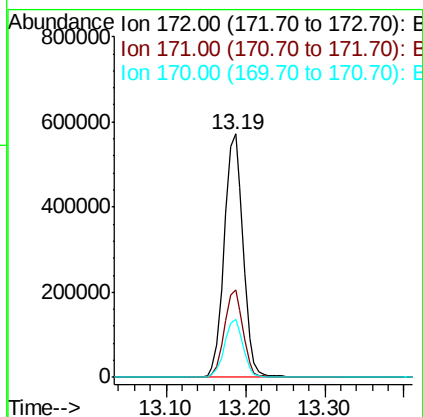
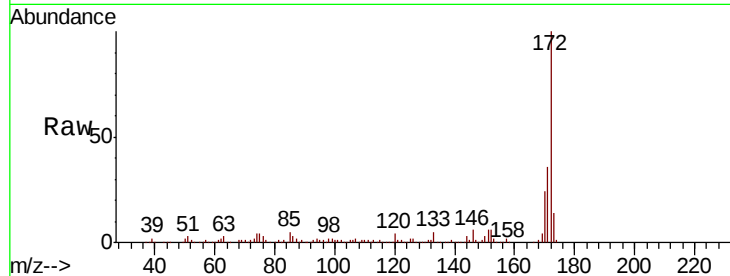




#45
 2-Fluorobiphenyl
 Concen: 84.512 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045832.D
 Acq: 23 Jun 2020 9:27

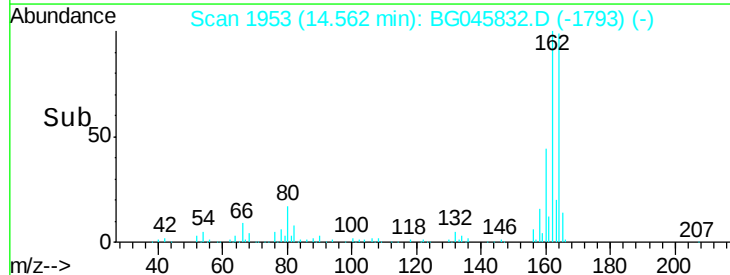
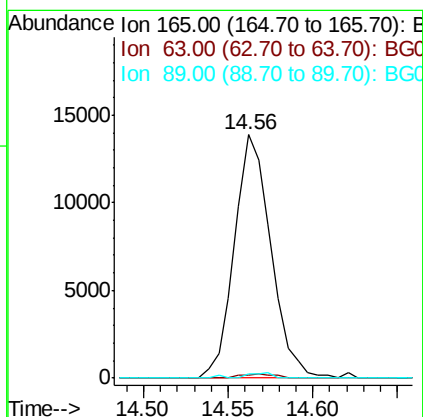
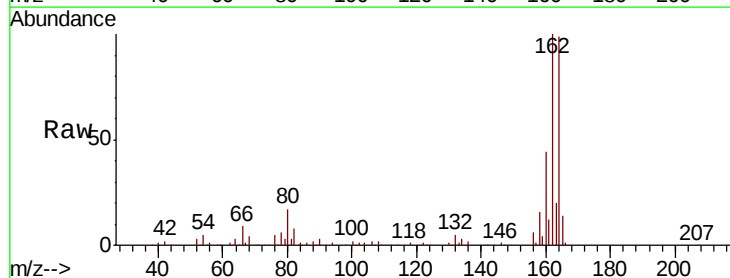
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BL

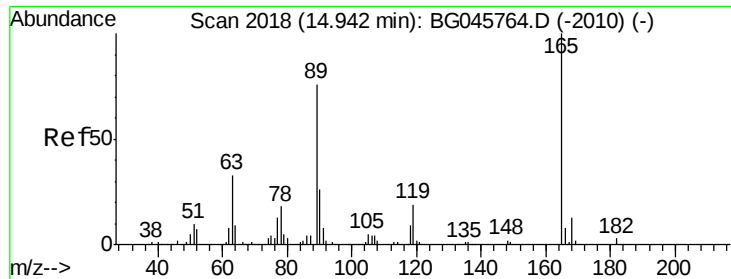
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	23.8	19.3	28.9



#51
 2,6-Dinitrotoluene
 Concen: 7.254 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. 0.41 min
 Lab File: BG045832.D
 Acq: 23 Jun 2020 9:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.2	61.8#
89	1.7	49.7	74.5#

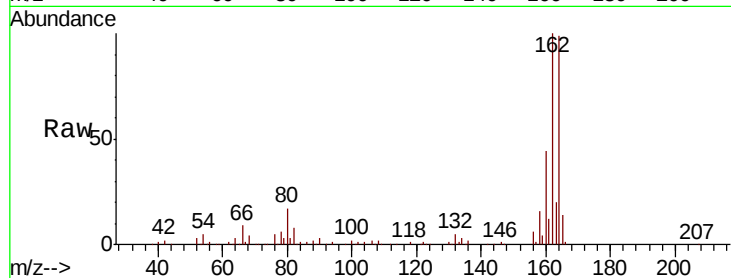




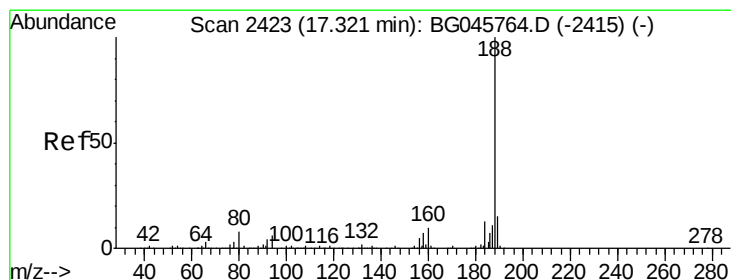
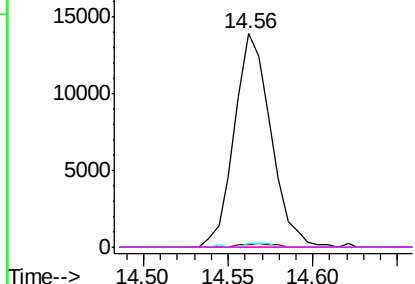
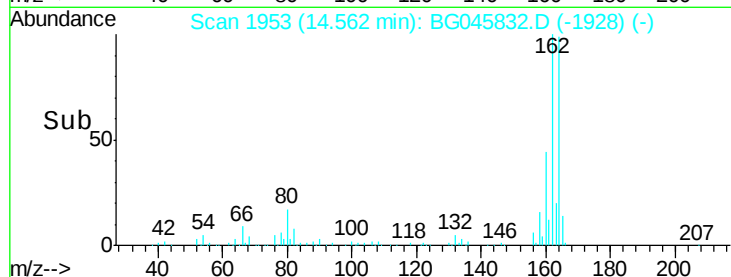
#57
 2,4-Dinitrotoluene
 Concen: 5.063 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.38 min
 Lab File: BG045832.D
 Acq: 23 Jun 2020 9:27

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BL

Tot Ion:	165	Resp:	20906
Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	1.7	60.4	90.6#
182	0.0	2.6	3.8#

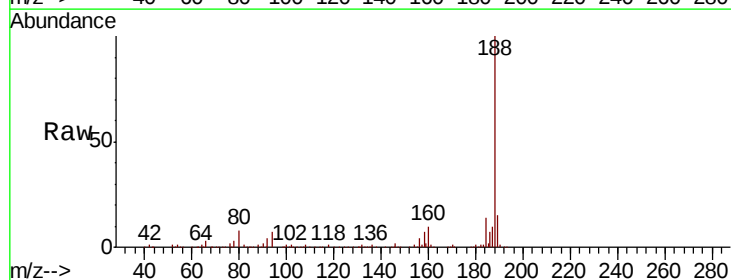


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

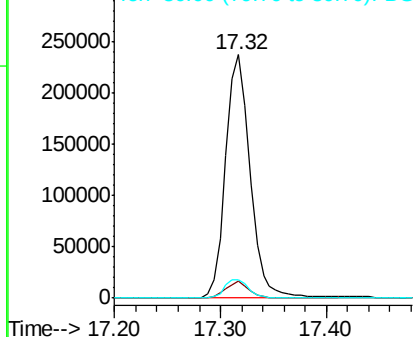
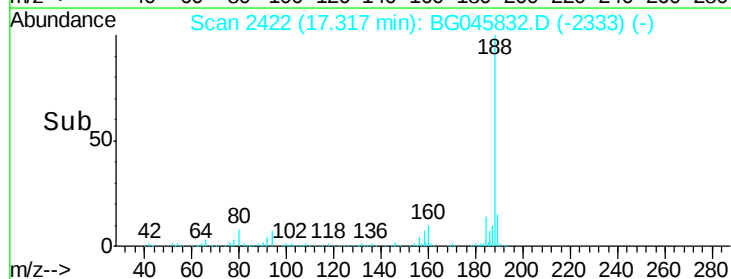


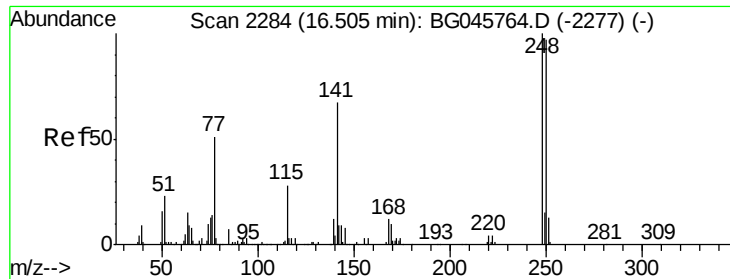
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BG045832.D
 Acq: 23 Jun 2020 9:27

Tgt Ion:	188	Resp:	383119
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.1	7.7
80	7.7	6.2	9.4



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

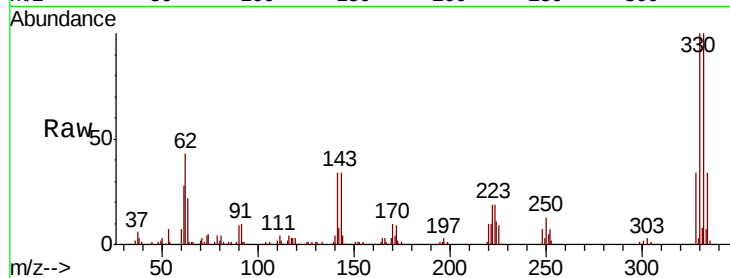




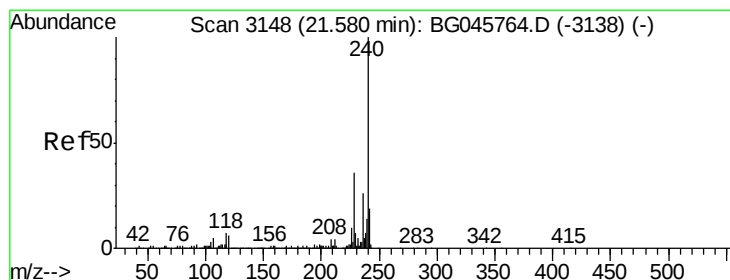
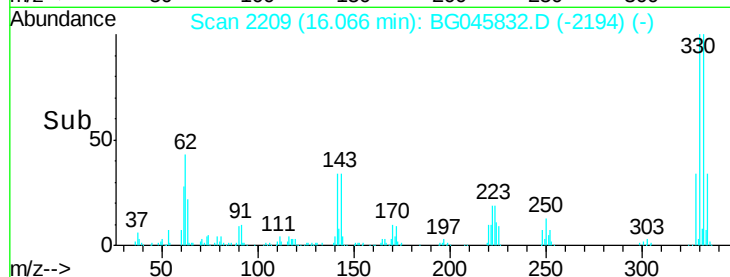
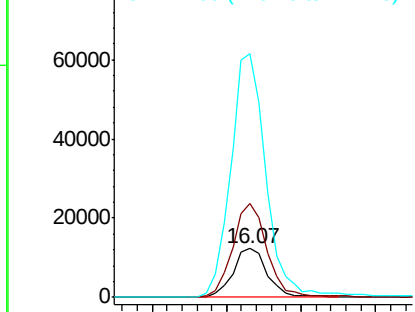
#67
4-Bromophenyl-phenylether
Concen: 4.003 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.44 min
Lab File: BG045832.D
Acq: 23 Jun 2020 9:27

Instrument :
BNA_G
ClientSampleId :
PB129662BL

Tot Ion:248 Resp: 19926
Ion Ratio Lower Upper
248 100
250 192.4 78.0 117.0#
141 496.9 53.9 80.9#

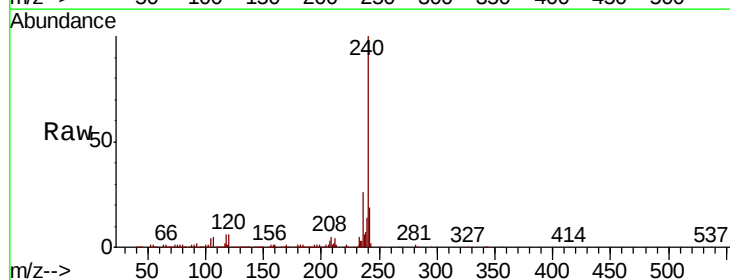


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

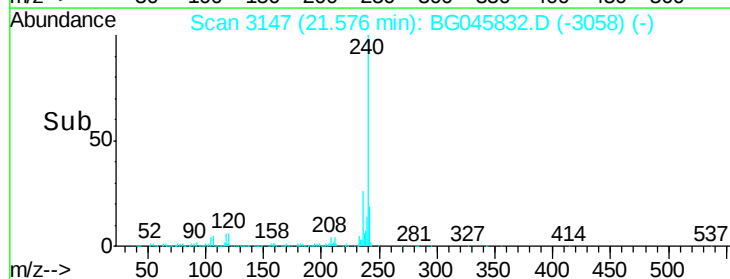
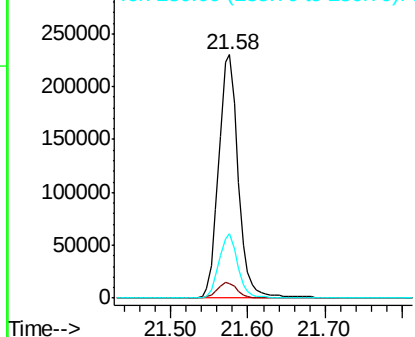


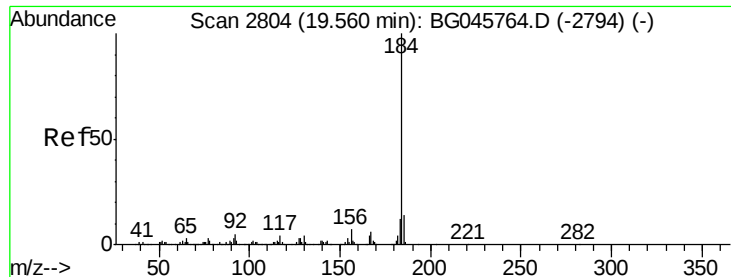
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG045832.D
Acq: 23 Jun 2020 9:27

Tgt Ion:240 Resp: 405864
Ion Ratio Lower Upper
240 100
120 6.0 5.0 7.4
236 26.3 20.6 30.8



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





#77

Benzidine

Concen: 3.004 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG045832.D

Acq: 23 Jun 2020 9:27

Instrument :

BNA_G

ClientSampleId :

PB129662BL

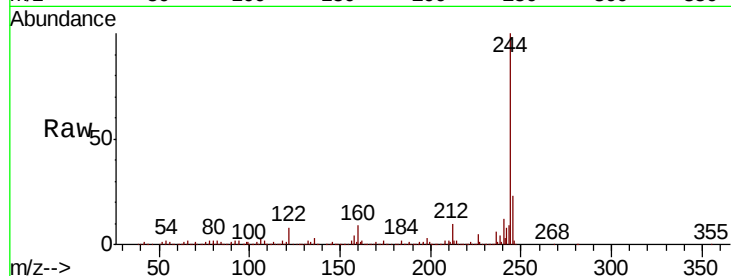
Tot Ion:184 Resp: 31696

Ion Ratio Lower Upper

184 100

185 19.1 11.1 16.7#

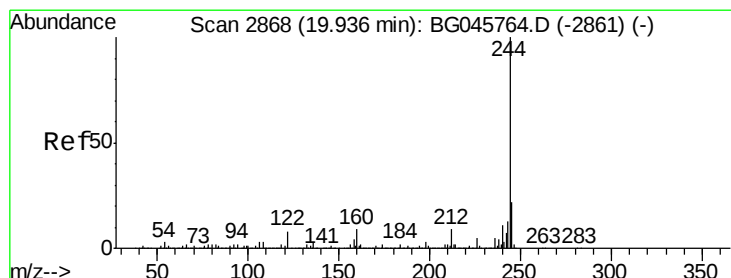
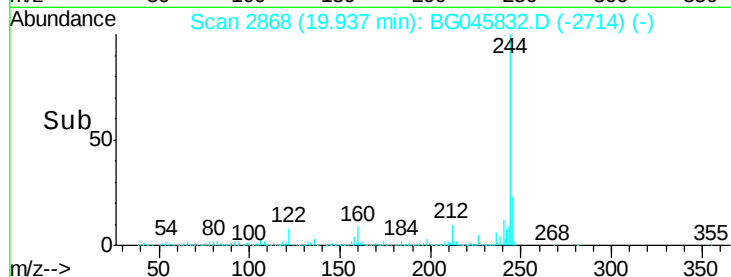
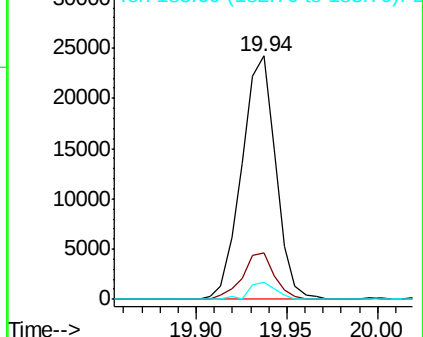
183 6.9 9.7 14.5#



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: 86.033 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045832.D

Acq: 23 Jun 2020 9:27

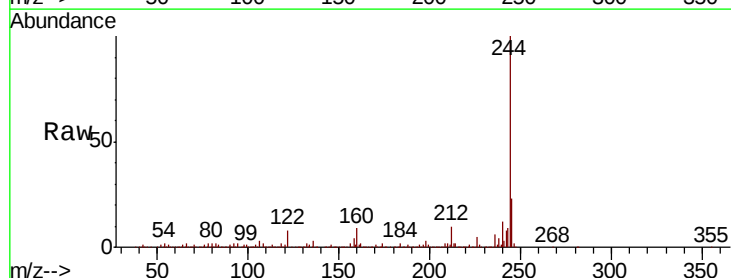
Tgt Ion:244 Resp: 1722967

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

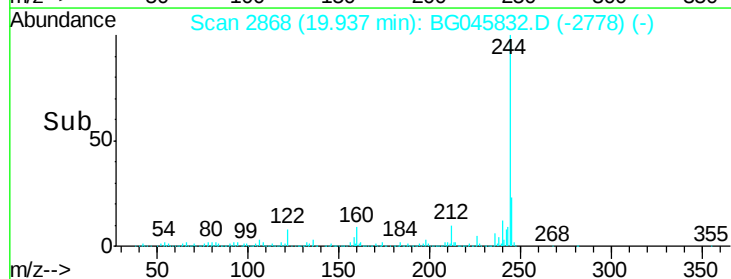
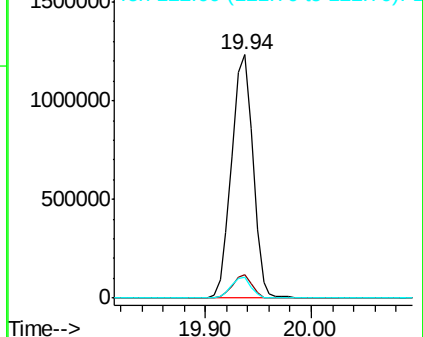
122 8.5 6.4 9.6

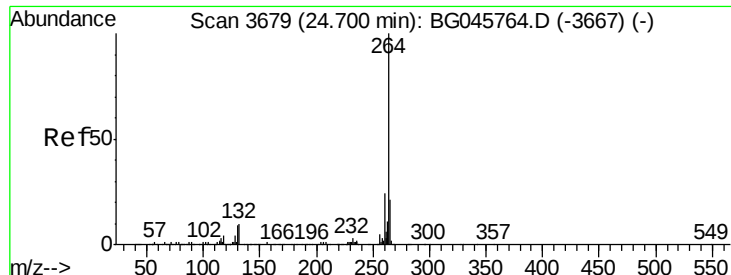


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

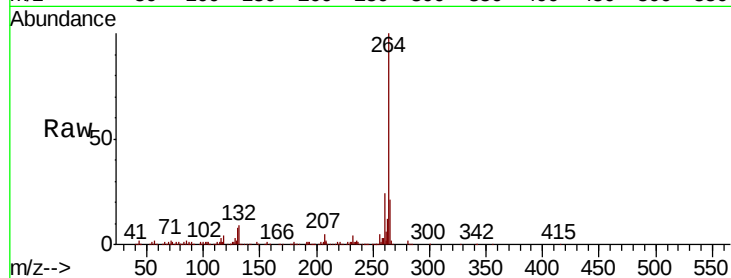




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045832.D
Acq: 23 Jun 2020 9:27

Instrument :
BNA_G
ClientSampleId :
PB129662BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.5	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

