

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045954.D
 Acq On : 7 Jul 2020 9:44
 Operator : CG/JU
 Sample : PB129891BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

Quant Time: Jul 07 11:13:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	201937	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	815696	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	504302	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1033161	20.00	ng	0.00
76) Chrysene-d12	21.63	240	997788	20.00	ng	0.00
86) Perylene-d12	24.79	264	1042461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1412630	113.44	ng	0.00
7) Phenol-d6	7.17	99	1942160	108.33	ng	0.00
23) Nitrobenzene-d5	9.16	82	1262793	89.11	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	578469	123.59	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2410455	74.56	ng	0.00
79) Terphenyl-d14	19.99	244	3219329	71.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	495	0.086	ng	# 1
3) Pyridine	3.89	79	389	0.022	ng	# 1
4) n-Nitrosodimethylamine	3.80	42	985	0.168	ng	# 1
6) Aniline	7.33	93	297	0.013	ng	# 42
8) 2-Chlorophenol	7.61	128	55	0.004	ng	# 33
9) Benzaldehyde	7.12	77	383	0.034	ng	# 39
10) Phenol	7.21	94	65	0.004	ng	# 1
11) bis(2-Chloroethyl)ether	7.42	93	342	0.023	ng	# 16
12) 1,3-Dichlorobenzene	8.00	146	63	0.004	ng	# 1
13) 1,4-Dichlorobenzene	8.04	146	137	0.009	ng	# 1
14) 1,2-Dichlorobenzene	8.38	146	159	0.011	ng	# 1
15) Benzyl Alcohol	8.20	79	760	0.054	ng	# 14
16) 2,2'-oxybis(1-Chloropropan	8.10	45	58	0.003	ng	# 63
17) 2-Methylphenol	8.44	107	61	0.005	ng	# 1
18) Hexachloroethane	9.09	117	126	0.022	ng	# 1
19) n-Nitroso-di-n-propylamine	9.16	70	176510	14.015	ng	# 80
20) 3+4-Methylphenols	8.76	107	206	0.011	ng	# 27
22) Acetophenone	8.82	105	75	0.003	ng	# 1
24) Nitrobenzene	9.16	77	5592	0.358	ng	# 40
25) Isophorone	9.75	82	465	0.013	ng	# 31
26) 2-Nitrophenol	9.68	139	62	0.012	ng	# 1
27) 2,4-Dimethylphenol	10.00	122	73	0.006	ng	# 2
28) bis(2-Chloroethoxy)methane	10.22	93	260	0.013	ng	# 1
29) 2,4-Dichlorophenol	10.30	162	81	0.006	ng	# 1
30) 1,2,4-Trichlorobenzene	10.59	180	62	0.004	ng	# 12
31) Naphthalene	10.84	128	130	0.003	ng	# 67
32) Benzoic acid	10.06	122	81	6.516	ng	# 60
33) 4-Chloroaniline	10.96	127	67	0.003	ng	# 9
34) Hexachlorobutadiene	11.24	225	65	0.008	ng	# 18
35) Caprolactam	12.02	113	188	0.039	ng	# 94
36) 4-Chloro-3-methylphenol	12.07	107	57	0.004	ng	# 1
37) 2-Methylnaphthalene	12.45	142	150	0.005	ng	# 14
38) 1-Methylnaphthalene	12.45	142	150	0.005	ng	# 6
43) 2,4,6-Trichlorophenol	13.03	196	54	0.006	ng	# 12

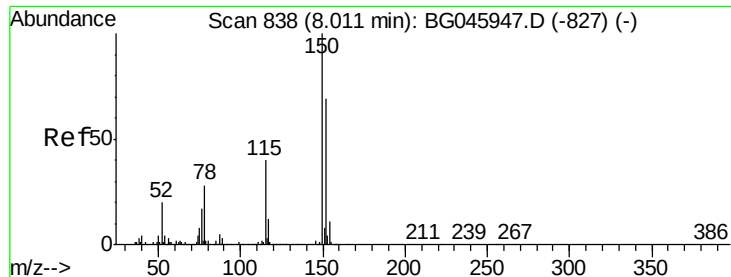
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045954.D
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 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.12	196	72	0.007	ng	# 14
46) 1,1'-Biphenyl	13.47	154	6937	0.183	ng	96
47) 2-Chloronaphthalene	13.50	162	69	0.002	ng	# 37
48) 2-Nitroaniline	13.54	65	195	3.391	ng	# 7
49) Acenaphthylene	14.35	152	184	0.004	ng	# 63
51) 2,6-Dinitrotoluene	14.63	165	67030	12.530	ng	# 19
52) Acenaphthene	14.63	154	1941	0.064	ng	# 4
53) 3-Nitroaniline	14.60	138	53	2.989	ng	# 58
54) 2,4-Dinitrophenol	14.77	184	59	6.132	ng	# 17
55) Dibenzofuran	14.85	168	73	0.002	ng	# 43
56) 4-Nitrophenol	14.81	139	54	0.009	ng	# 18
57) 2,4-Dinitrotoluene	14.63	165	67030	11.044	ng	# 20
58) Fluorene	16.11	166	30845	0.842	ng	# 90
60) Diethylphthalate	15.45	149	250	0.006	ng	# 57
61) 4-Chlorophenyl-phenylether	15.67	204	79	0.004	ng	# 27
62) 4-Nitroaniline	15.64	138	61	0.008	ng	# 64
63) Azobenzene	15.96	77	507	0.012	ng	# 45
65) 4,6-Dinitro-2-methylphenol	16.11	198	2744	7.453	ng	# 1
66) n-Nitrosodiphenylamine	16.11	169	25203	0.787	ng	# 52
67) 4-Bromophenyl-phenylether	16.11	248	42153	3.653	ng	# 1
68) Hexachlorobenzene	16.49	284	55	0.005	ng	# 38
69) Atrazine	16.88	200	63	0.007	ng	# 35
70) Pentachlorophenol	16.84	266	70	0.011	ng	# 18
71) Phenanthrene	17.42	178	256	0.005	ng	# 57
72) Anthracene	17.50	178	86	0.002	ng	# 17
73) Carbazole	17.76	167	330	0.006	ng	# 52
74) Di-n-butylphthalate	18.35	149	1151	0.017	ng	# 47
75) Fluoranthene	19.42	202	129	0.002	ng	# 60
77) Benzidine	19.99	184	76463	2.680	ng	# 92
78) Pyrene	19.99	202	16645	0.244	ng	# 68
80) Butylbenzylphthalate	20.68	149	314	0.010	ng	# 1
81) Benzo(a)anthracene	21.63	228	3848	0.059	ng	# 75
82) 3,3'-Dichlorobenzidine	21.52	252	922	0.038	ng	# 90
83) Chrysene	21.67	228	594	0.010	ng	# 74
84) Bis(2-ethylhexyl)phthalate	21.56	149	3889	0.083	ng	# 98
85) Di-n-octyl phthalate	22.76	149	4452	0.055	ng	# 75
87) Indeno(1,2,3-cd)pyrene	28.35	276	1230	0.016	ng	# 84
88) Benzo(b)fluoranthene	23.79	252	1966	0.030	ng	# 84
89) Benzo(k)fluoranthene	23.86	252	2127	0.034	ng	# 86
90) Benzo(a)pyrene	24.63	252	2359	0.038	ng	# 80
91) Dibenzo(a,h)anthracene	28.47	278	176	0.003	ng	# 54
92) Benzo(g,h,i)perylene	29.47	276	1809	0.029	ng	# 80

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

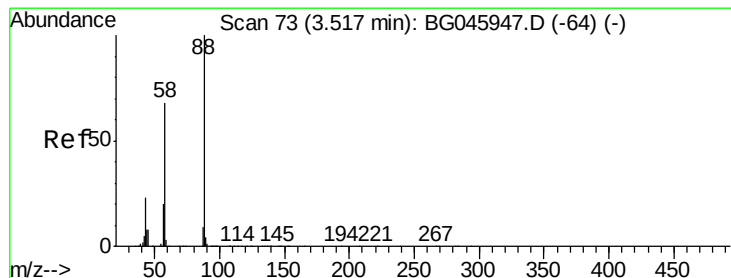
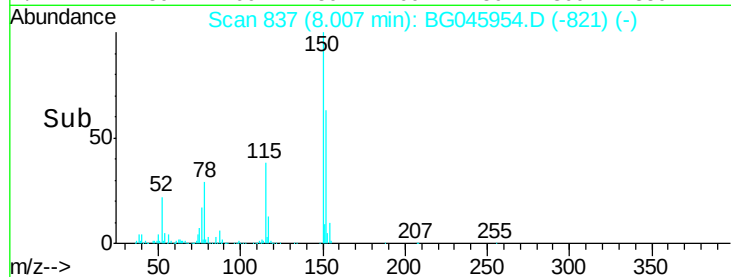
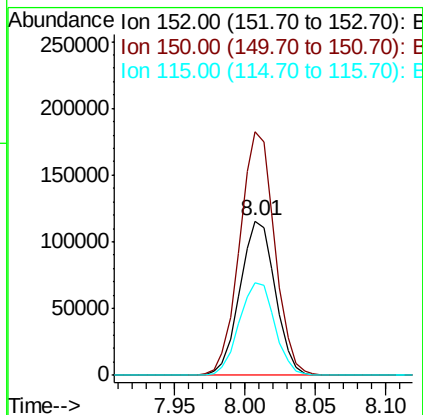
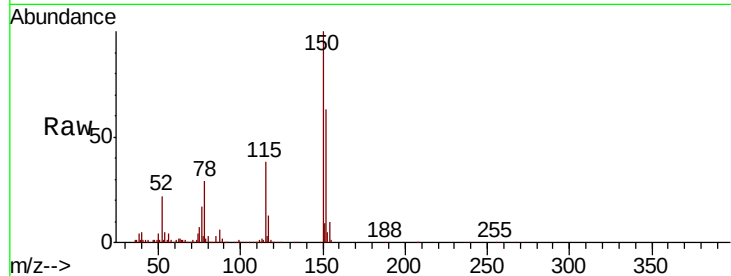


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampleId :
PB129891BL

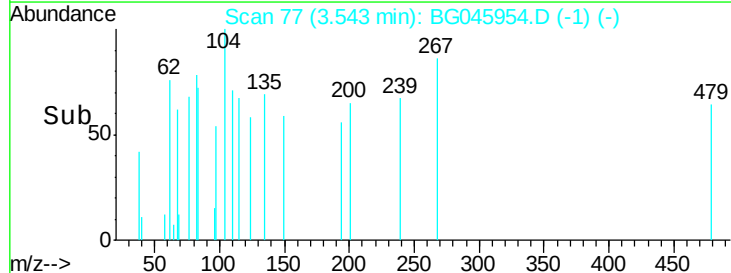
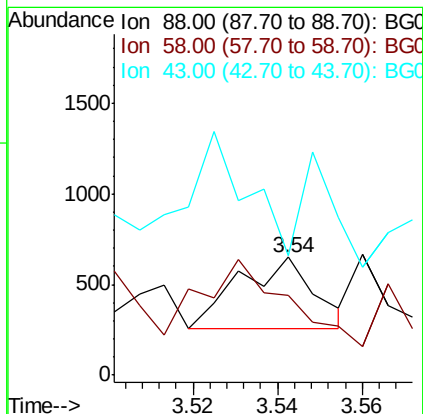
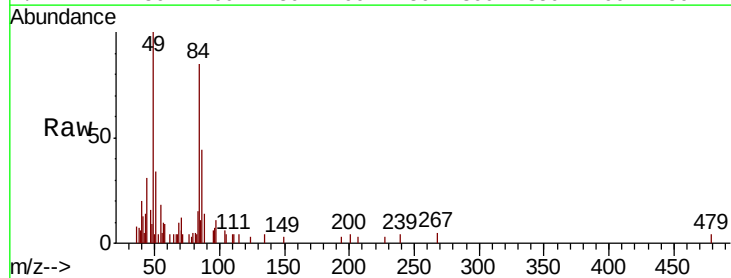
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	116.7	175.1
115	60.2	47.4	71.0

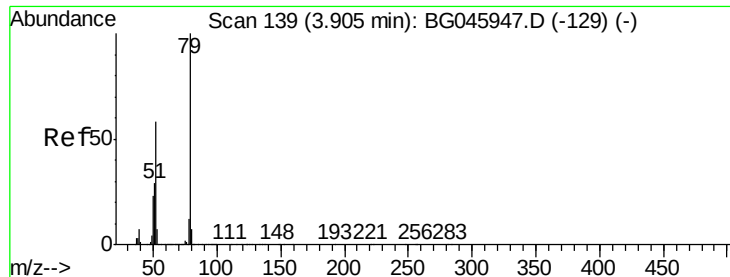


#2

1,4-Dioxane
Concen: 0.086 ng
RT: 3.54 min Scan# 77
Delta R.T. 0.03 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	135.8	55.2	82.8#
43	130.9	19.4	29.0#





#3

Pvridine

Concen: 0.022 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

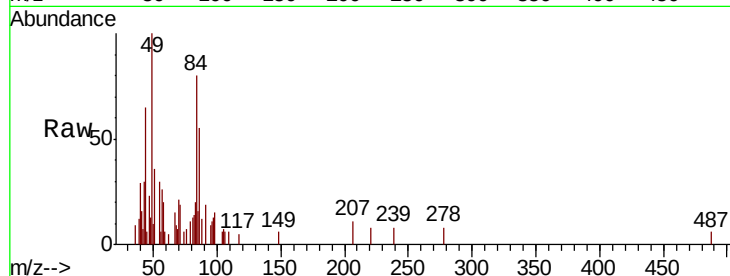
Tot Ion: 79 Resp: 389

Ion Ratio Lower Upper

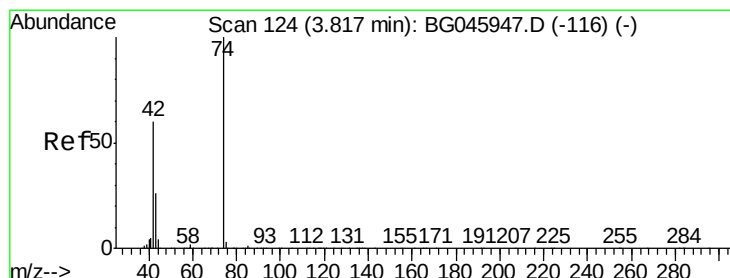
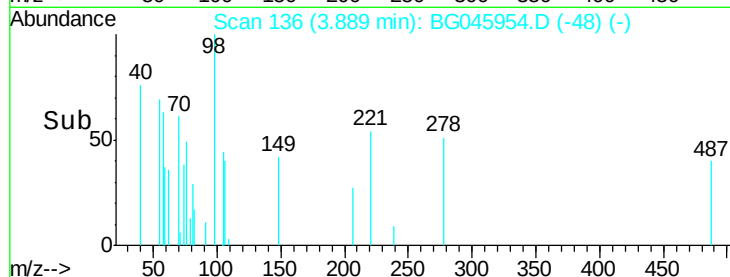
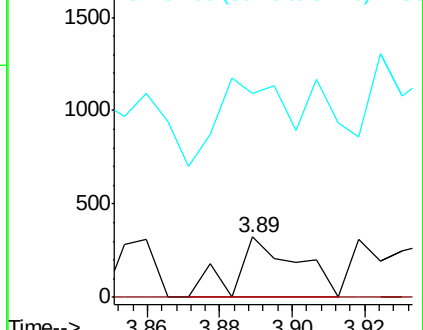
79 100

52 0.0 46.5 69.7#

51 336.4 23.5 35.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.168 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.02 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

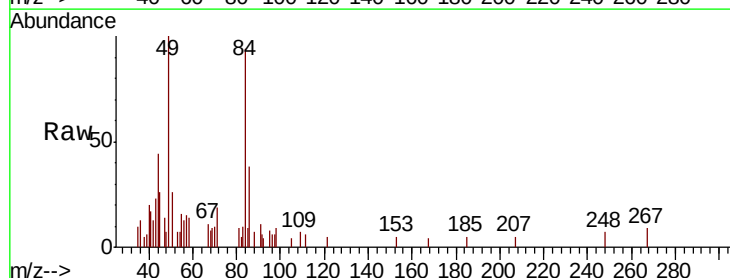
Tgt Ion: 42 Resp: 985

Ion Ratio Lower Upper

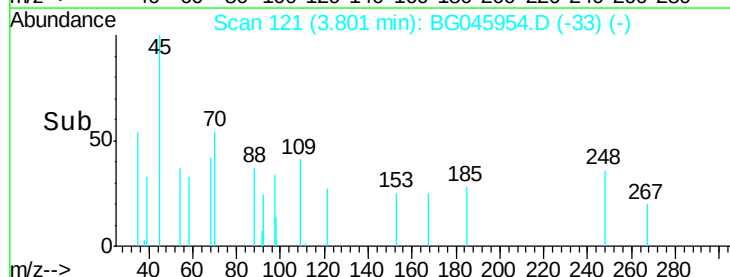
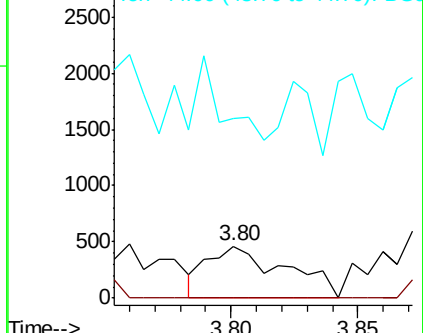
42 100

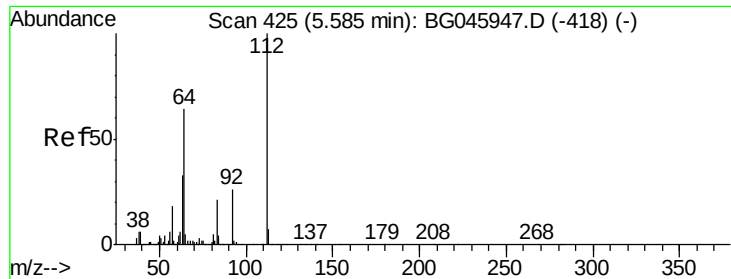
74 0.0 131.9 197.9#

44 344.5 7.7 11.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.442 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

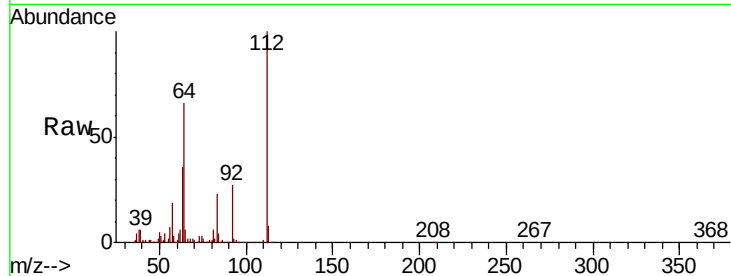
Tot Ion:112 Resp: 1412630

Ion Ratio Lower Upper

112 100

64 65.6 51.4 77.2

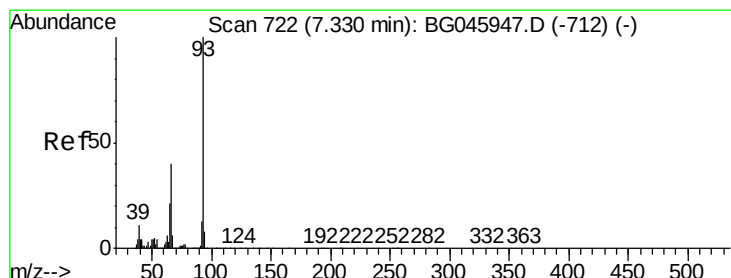
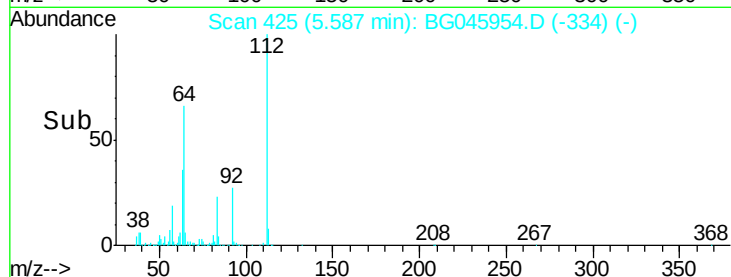
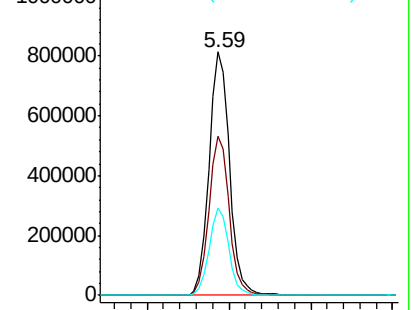
63 36.1 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.013 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

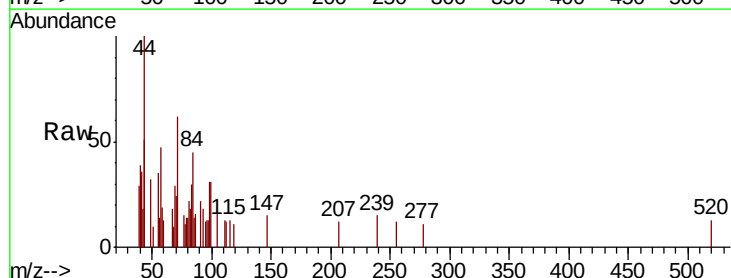
Tgt Ion: 93 Resp: 297

Ion Ratio Lower Upper

93 100

66 0.0 32.3 48.5#

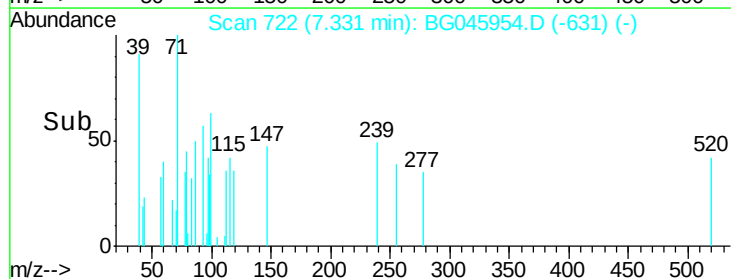
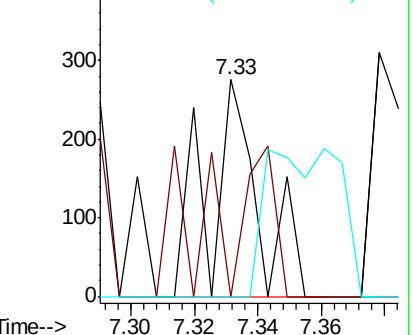
65 0.0 16.6 25.0#

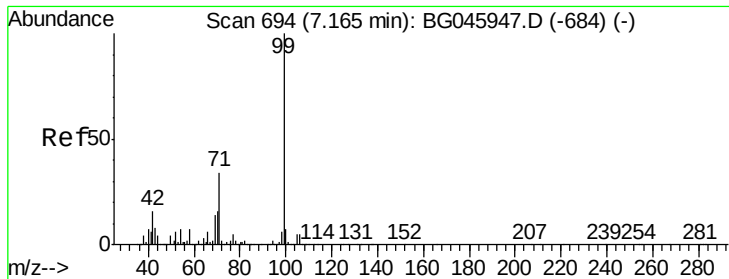


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.332 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

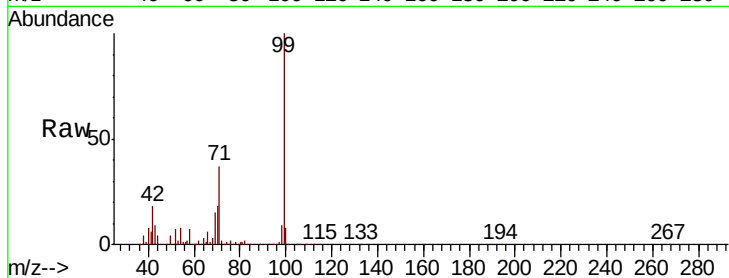
Tot Ion: 99 Resp: 1942160

Ion Ratio Lower Upper

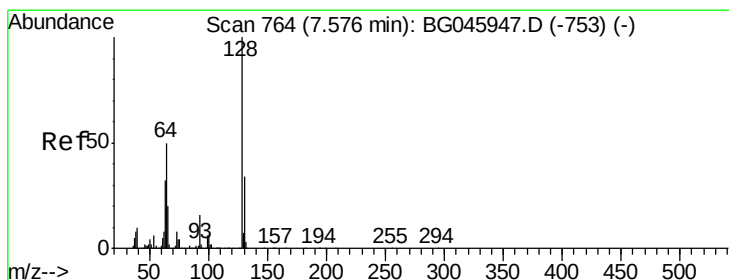
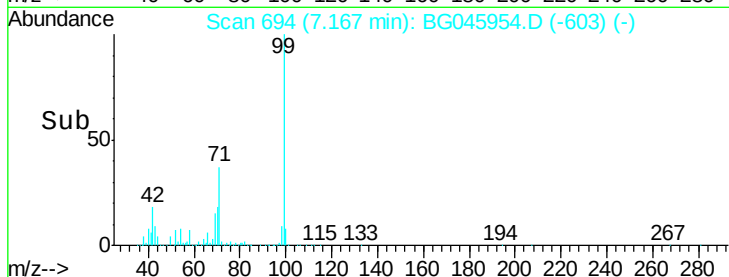
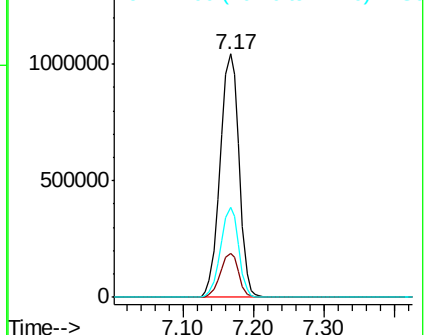
99 100

42 18.2 13.0 19.4

71 36.7 27.5 41.3



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



#8

2-Chlorophenol

Concen: 0.004 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.03 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

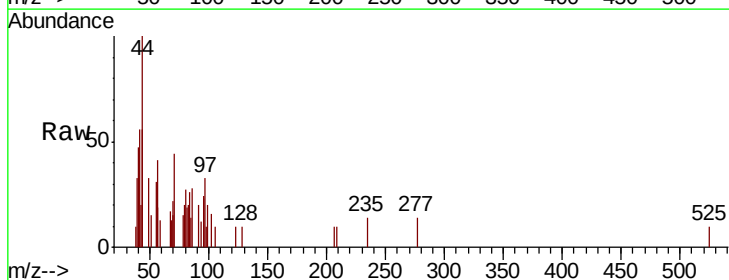
Tgt Ion: 128 Resp: 55

Ion Ratio Lower Upper

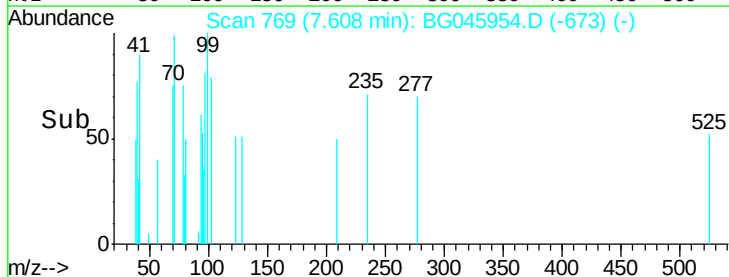
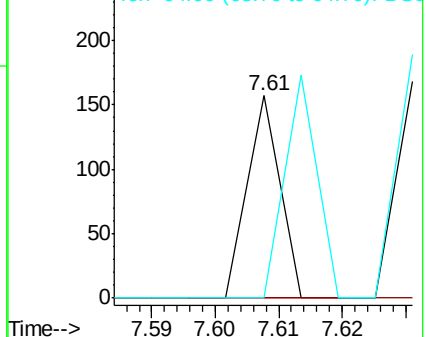
128 100

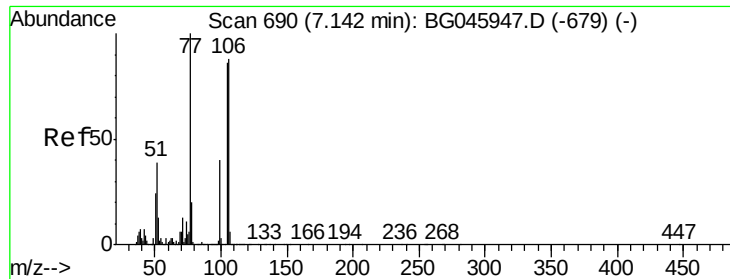
130 0.0 13.6 53.6#

64 0.0 30.6 70.6#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.034 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleID :

PB129891BL

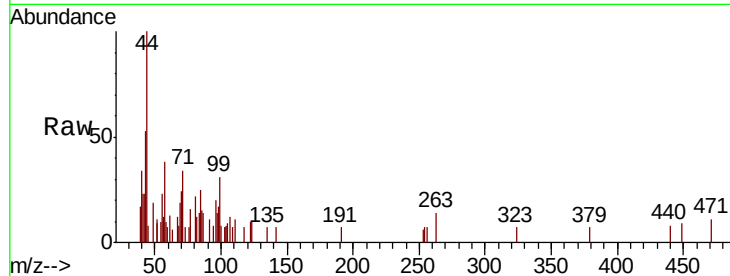
Tot Ion: 77 Resp: 383

Ion Ratio Lower Upper

77 100

105 60.6 66.0 106.0#

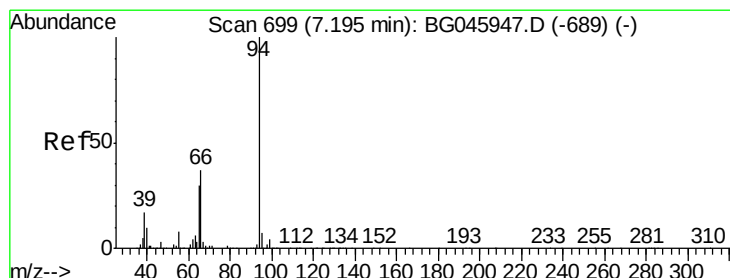
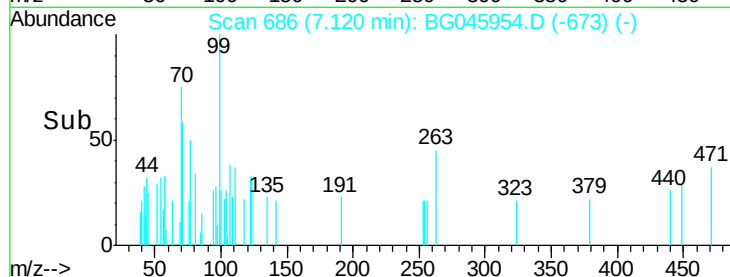
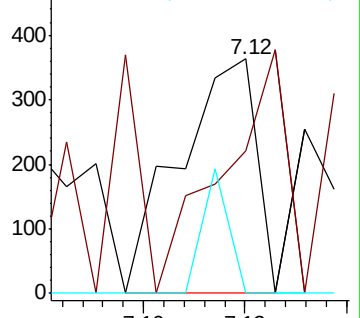
106 0.0 67.7 107.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.004 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

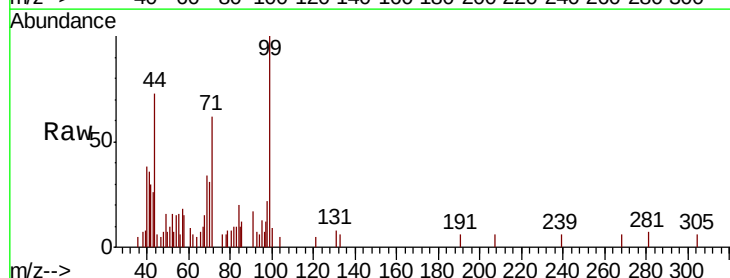
Tgt Ion: 94 Resp: 65

Ion Ratio Lower Upper

94 100

65 0.0 10.6 50.6#

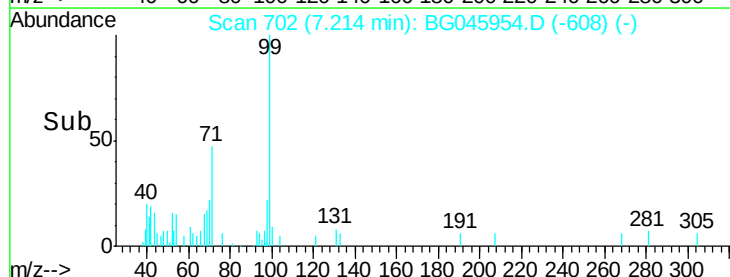
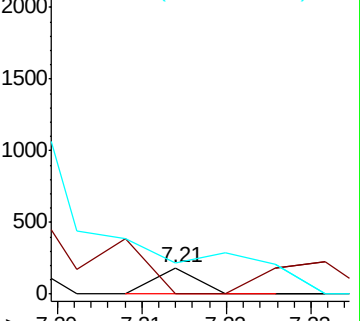
66 120.8 17.1 57.1#

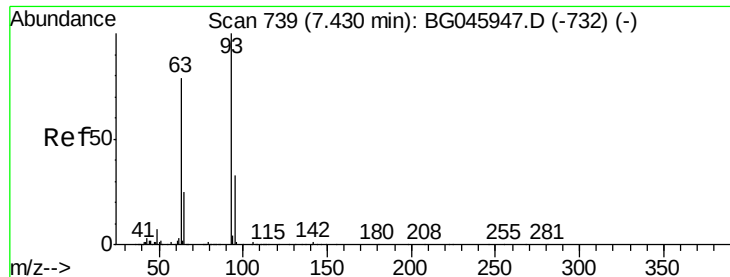


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

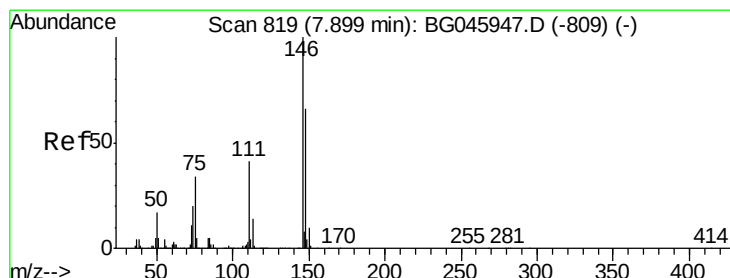
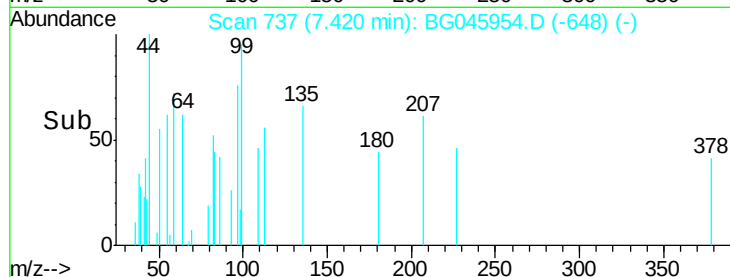
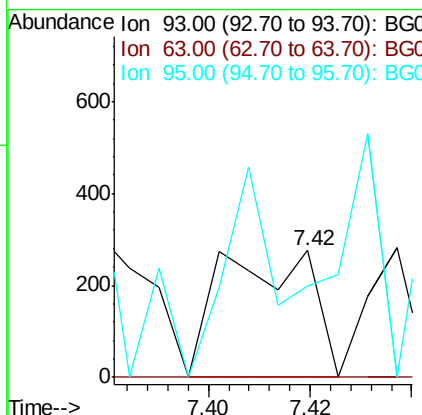
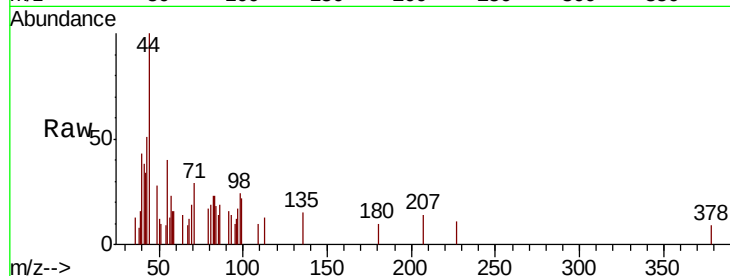




#11
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

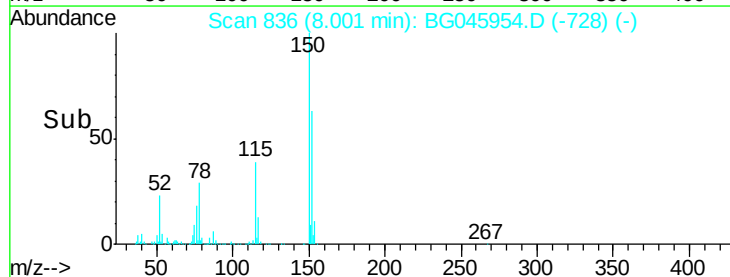
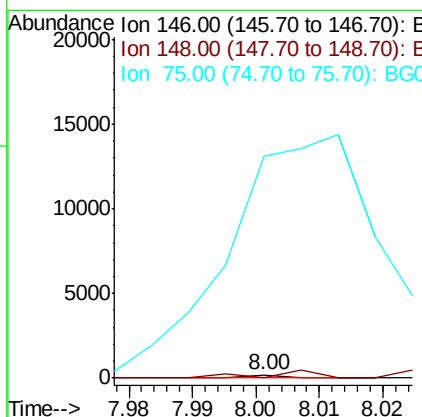
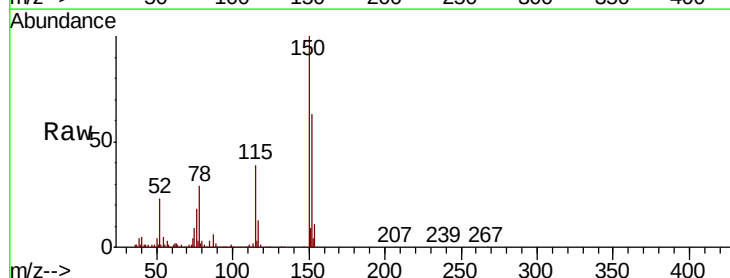
Instrument :
BNA_G
ClientSampleId :
PB129891BL

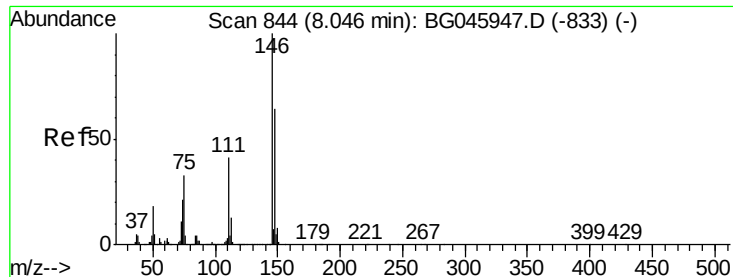
Tot Ion: 93 Resp: 342
Ion Ratio Lower Upper
93 100
63 0.0 58.6 98.6#
95 72.5 13.3 53.3#



#12
1,3-Dichlorobenzene
Concen: 0.004 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.10 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion: 146 Resp: 63
Ion Ratio Lower Upper
146 100
148 0.0 52.8 79.2#
75 7357.3 27.2 40.8#

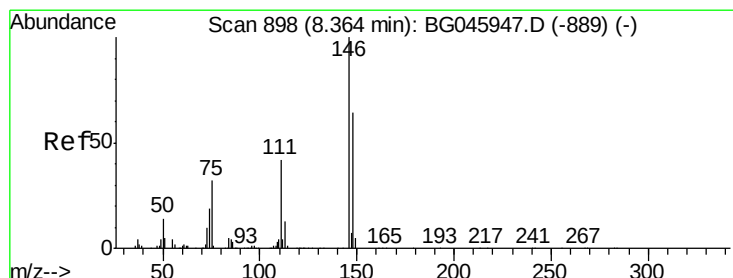
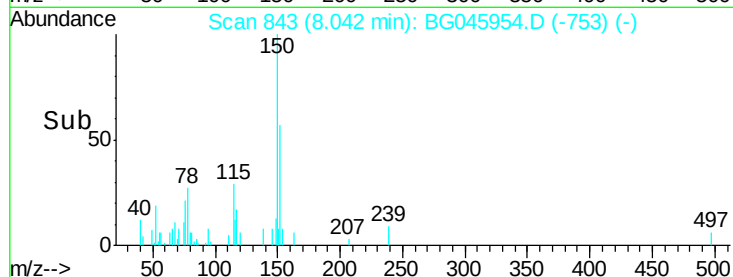
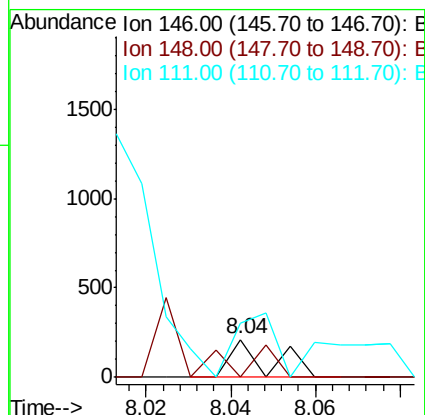
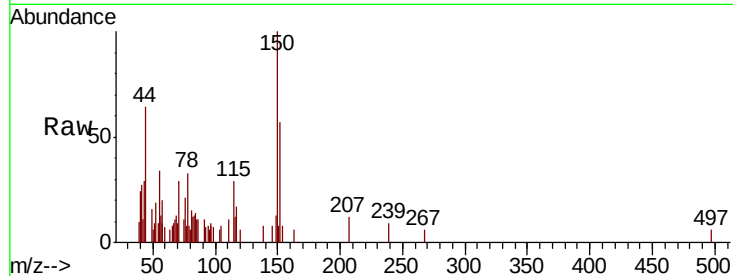




#13
 1,4-Dichlorobenzene
 Concen: 0.009 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

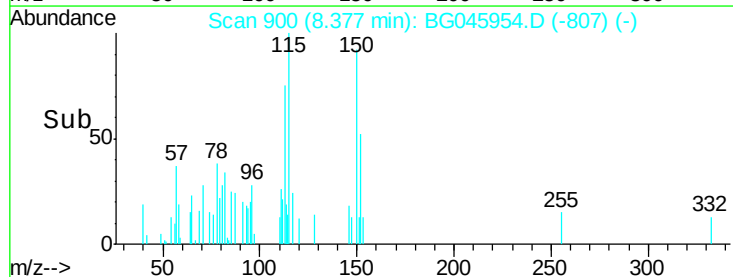
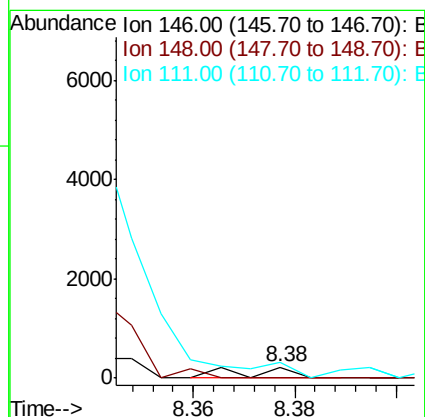
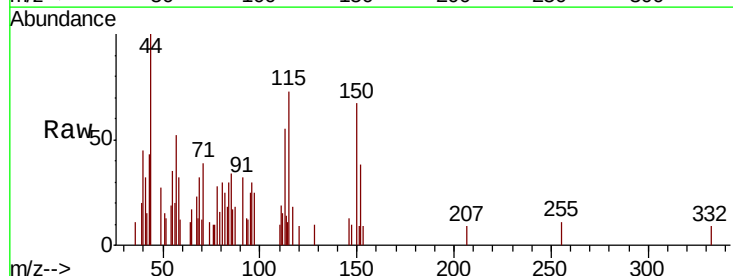
Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

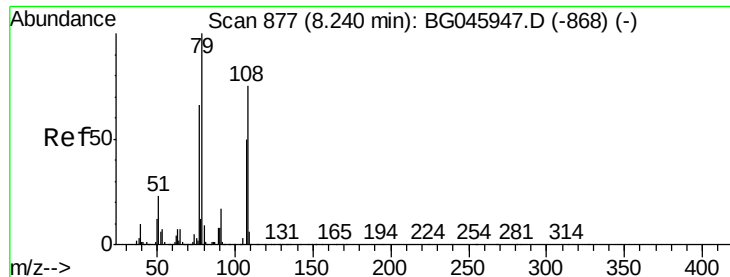
Tot Ion:146 Resp: 137
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.7 77.5#
 111 144.5 33.3 49.9#



#14
 1,2-Dichlorobenzene
 Concen: 0.011 ng
 RT: 8.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

Tgt Ion:146 Resp: 159
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.6 77.4#
 111 141.0 34.0 51.0#





#15

Benzyl Alcohol

Concen: 0.054 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.05 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleID :

PB129891BL

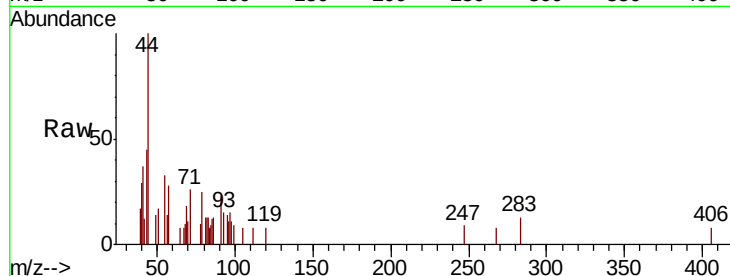
Tot Ion: 79 Resp: 760

Ion Ratio Lower Upper

79 100

108 0.0 60.2 90.4#

77 0.0 52.9 79.3#



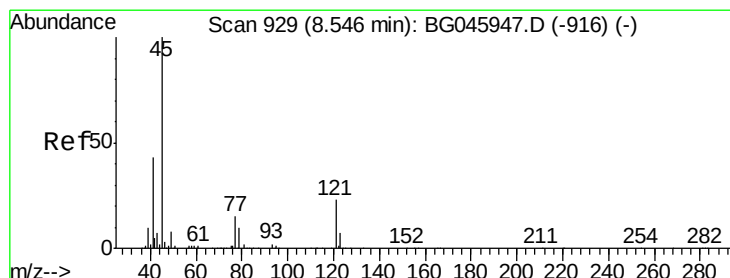
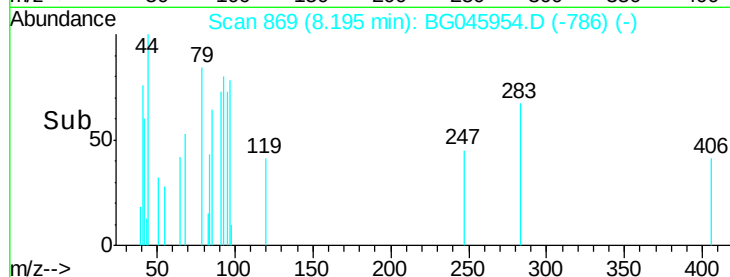
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

8.20

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.003 ng

RT: 8.10 min Scan# 852

Delta R.T. -0.45 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

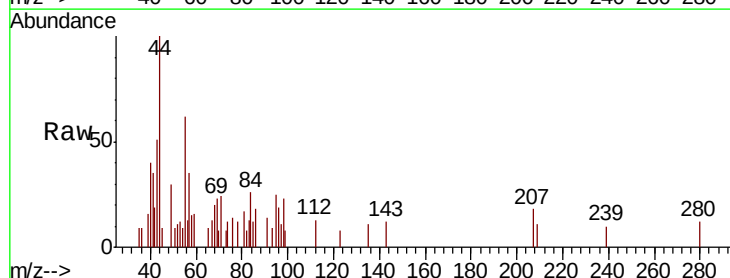
Tgt Ion: 45 Resp: 58

Ion Ratio Lower Upper

45 100

77 0.0 0.0 37.6

79 0.0 0.0 32.6



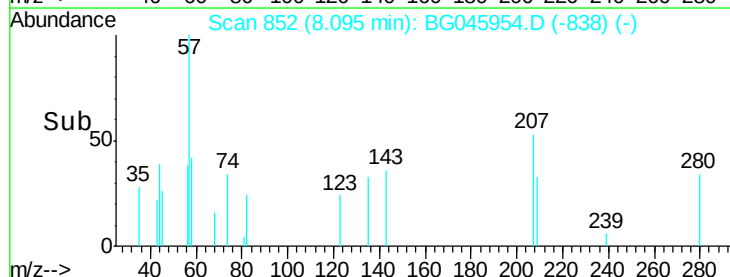
Abundance Ion 45.00 (44.70 to 45.70): BGC

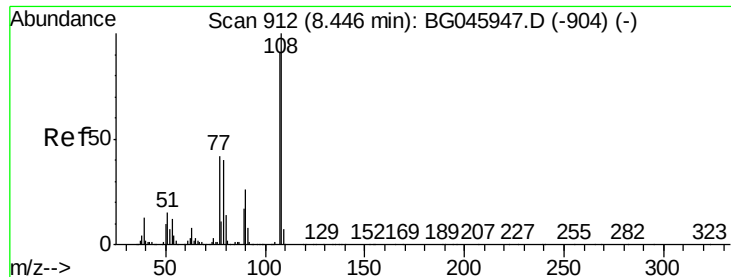
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

8.10

Time-->





#17

2-Methylphenol

Concen: 0.005 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

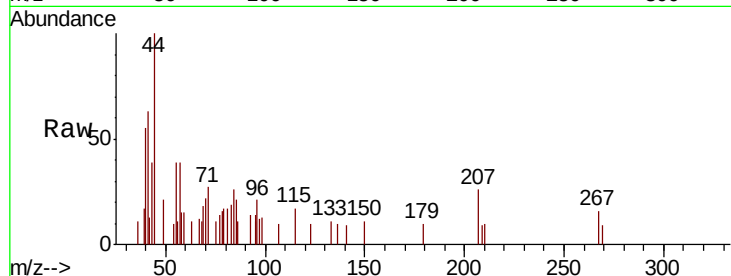
Instrument :

BNA_G

ClientSampled :

PB129891BL

Tot Ion:	107	Resp:	61
Ion	Ratio	Lower	Upper
107	100		
108	0.0	88.2	132.4#
77	137.0	37.0	55.4#
79	163.6	35.4	53.0#



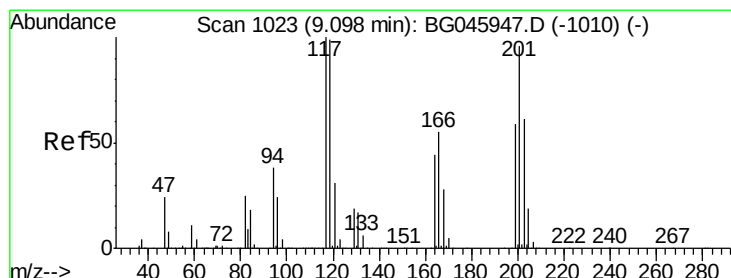
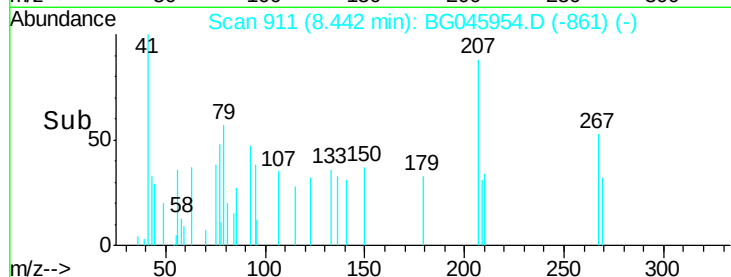
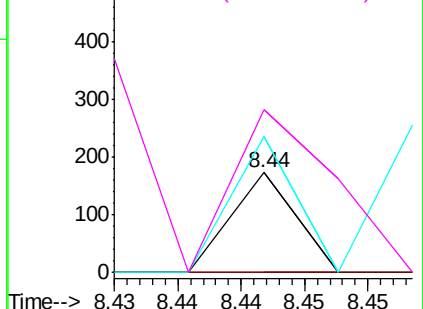
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 0.022 ng

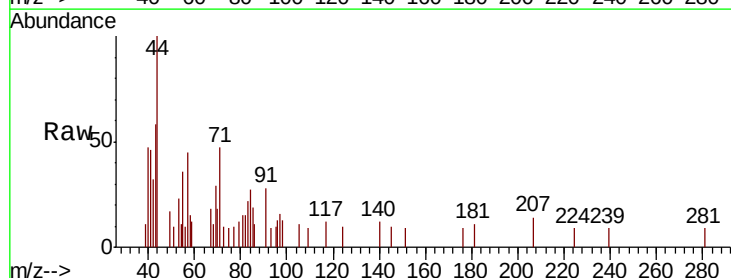
RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Tgt Ion:	117	Resp:	126
Ion	Ratio	Lower	Upper
117	100		
119	0.0	79.5	119.3#
201	0.0	77.0	115.4#

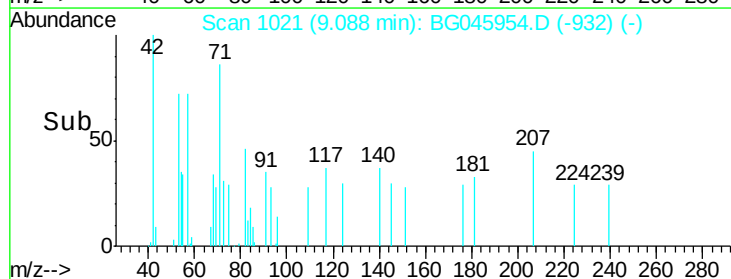
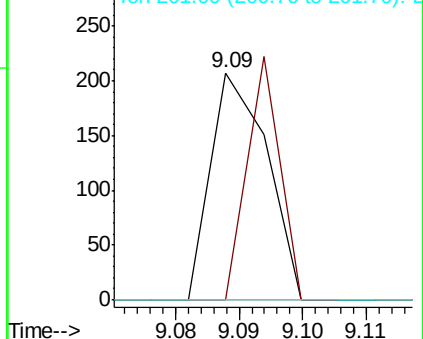


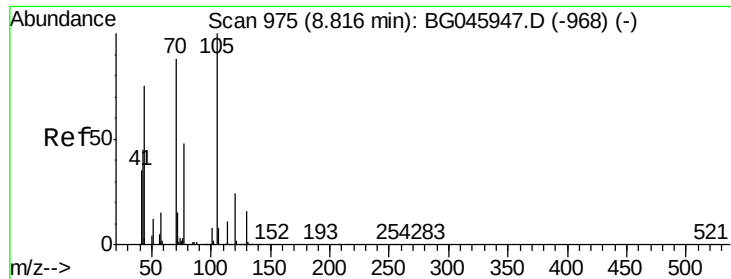
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.015 ng

RT: 9.16 min Scan# 1033

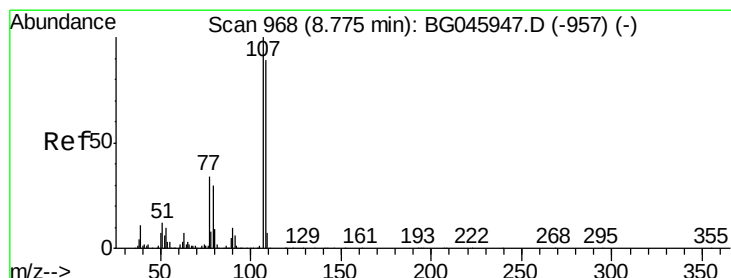
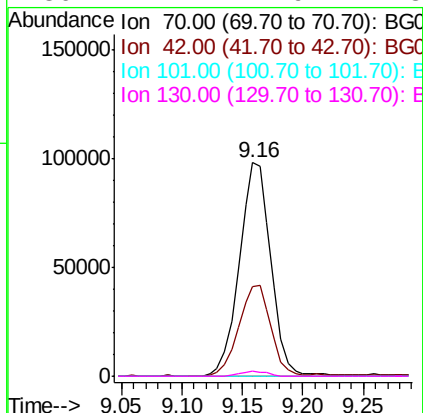
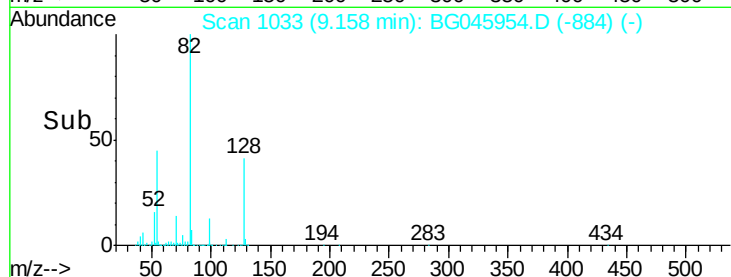
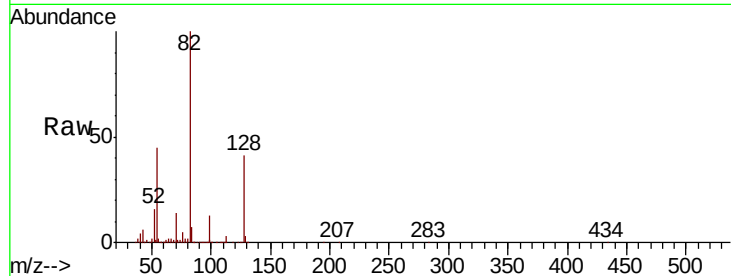
Delta R.T. 0.34 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampleId :
PB129891BL

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.0	41.4	62.0
101	0.2	7.1	10.7#
130	2.2	14.9	22.3#



#20

3+4-Methylphenols

Concen: 0.011 ng

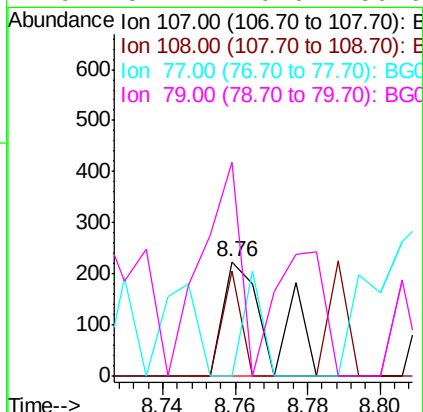
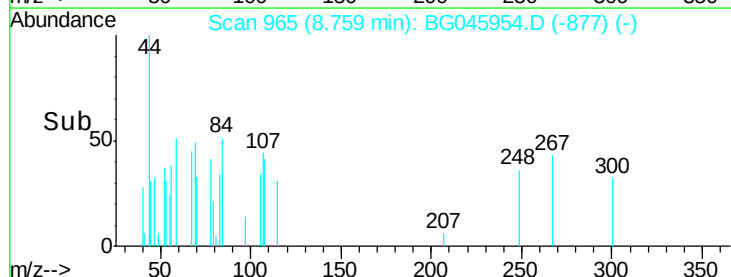
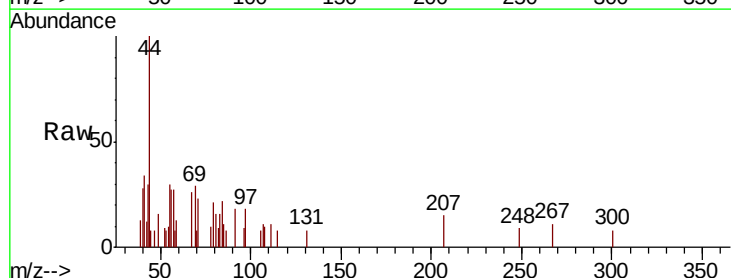
RT: 8.76 min Scan# 965

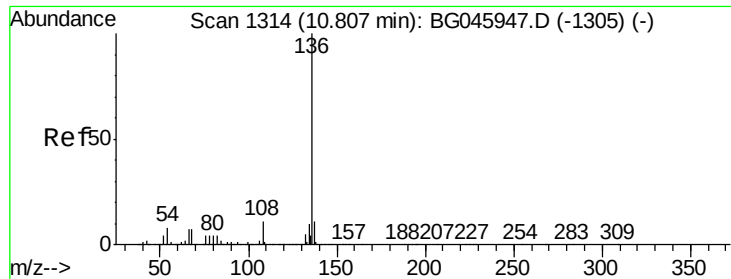
Delta R.T. -0.02 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.7	108.7
77	0.0	14.6	54.6#
79	187.4	10.6	50.6#

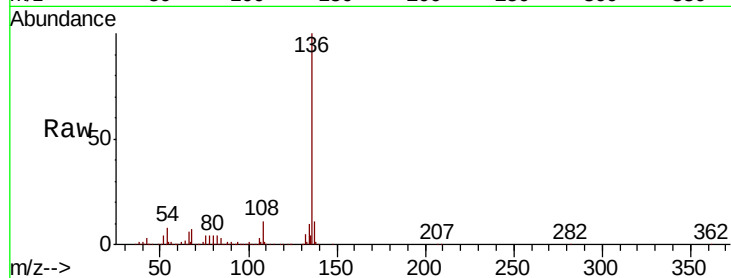




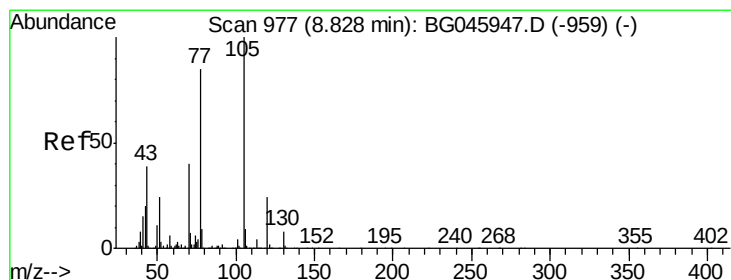
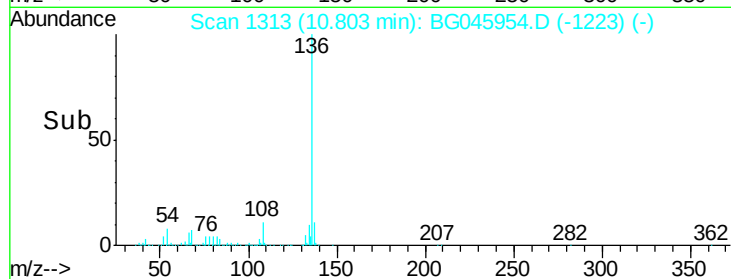
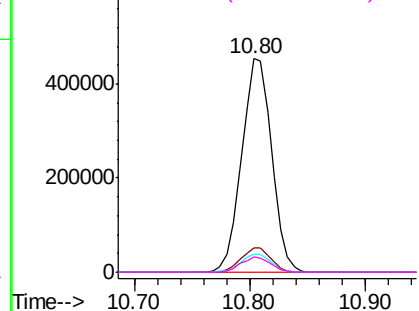
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampleId :
PB129891BL

Tot Ion:136	Resp:	815696
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	8.4	6.2 9.4
68	7.4	5.8 8.8

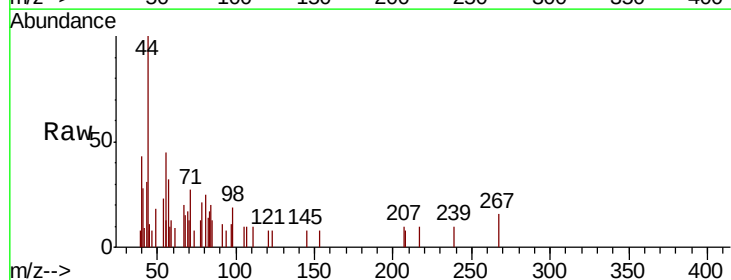


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

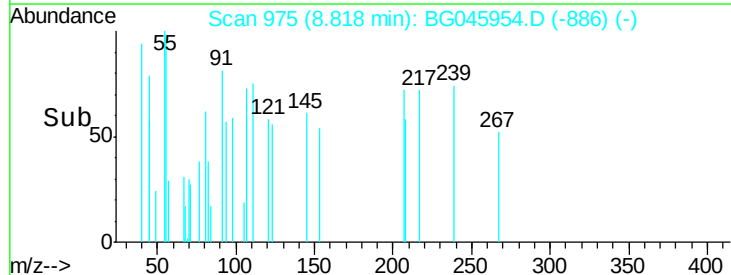
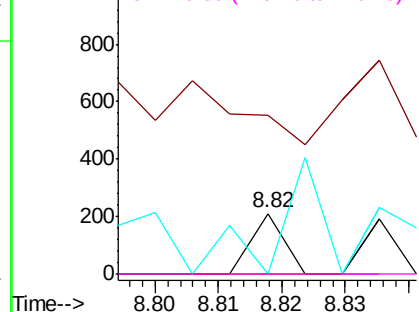


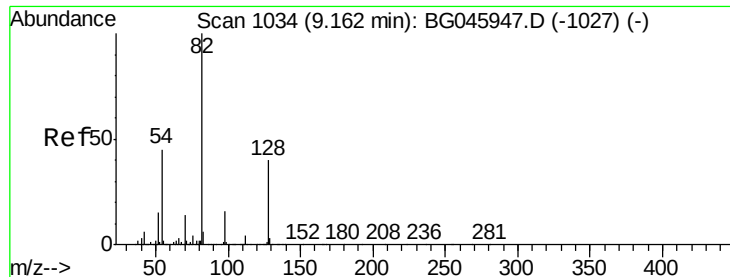
#22
Acetophenone
Concen: 0.003 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion:105	Resp:	75
Ion Ratio	Lower	Upper
105	100	
71	259.9	6.2 9.2#
51	0.0	19.7 29.5#
120	0.0	19.2 28.8#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.106 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

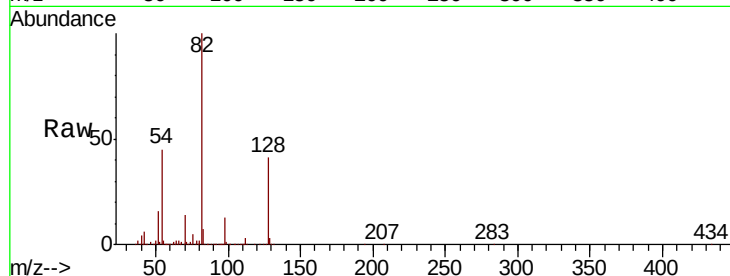
Tot Ion: 82 Resp: 1262793

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.2	48.4
54	45.5	35.8	53.6

82 100

128 40.8 32.2 48.4

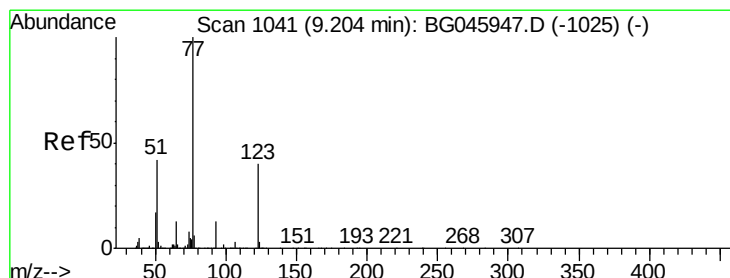
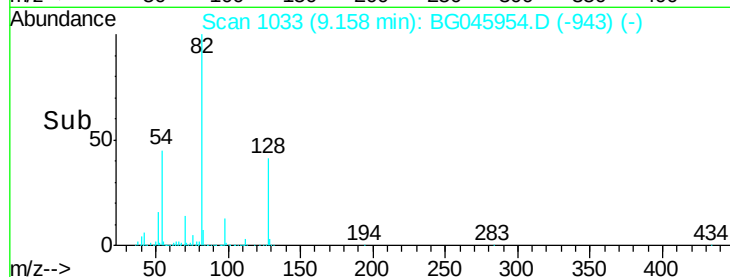
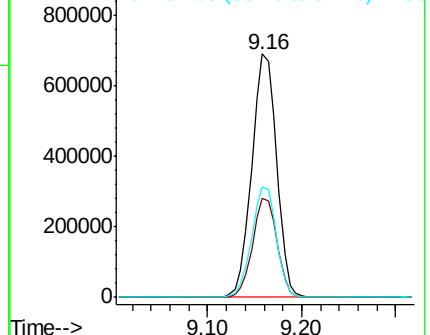
54 45.5 35.8 53.6



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



#24

Nitrobenzene

Concen: 0.358 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

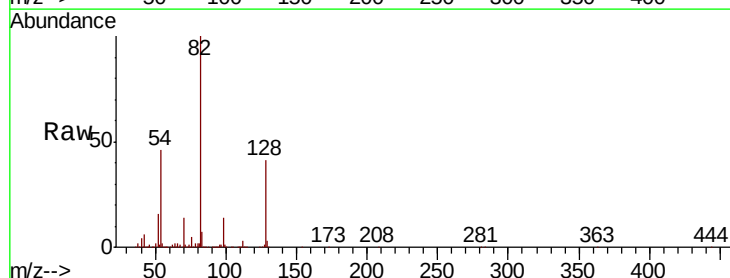
Tgt Ion: 77 Resp: 5592

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.7	49.1#
65	30.3	10.2	15.4#

77 100

123 0.0 32.7 49.1#

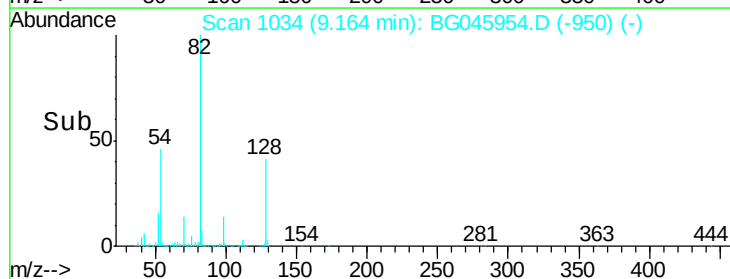
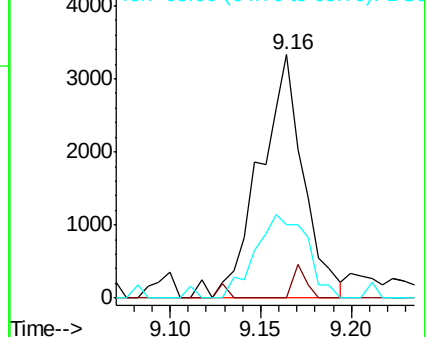
65 30.3 10.2 15.4#

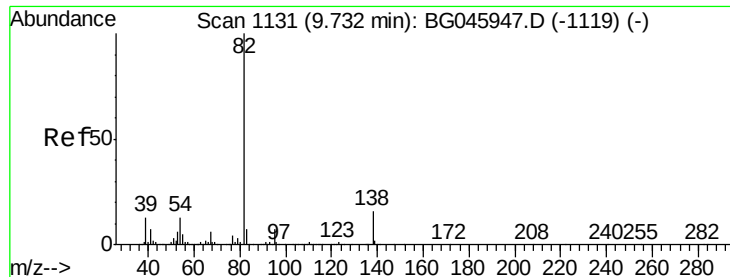


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.013 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

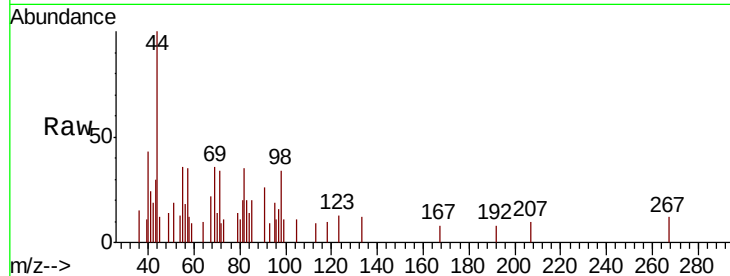
Tot Ion: 82 Resp: 465

Ion Ratio Lower Upper

82 100

95 55.4 5.8 8.6#

138 0.0 12.9 19.3#

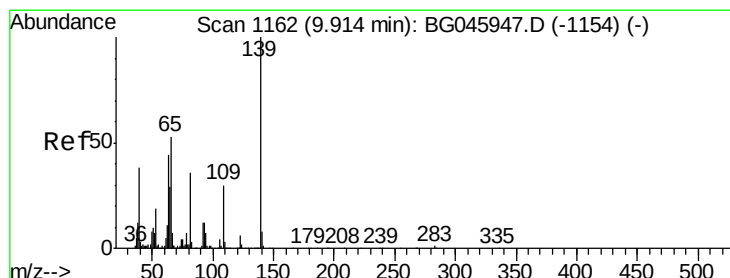
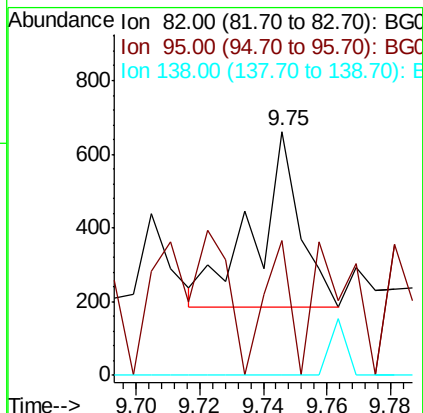
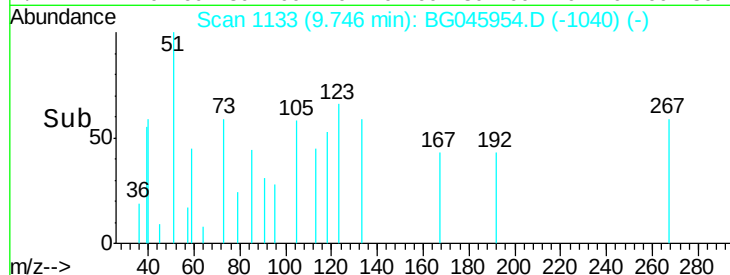


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

Time-->



#26

2-Nitrophenol

Concen: 0.012 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.23 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

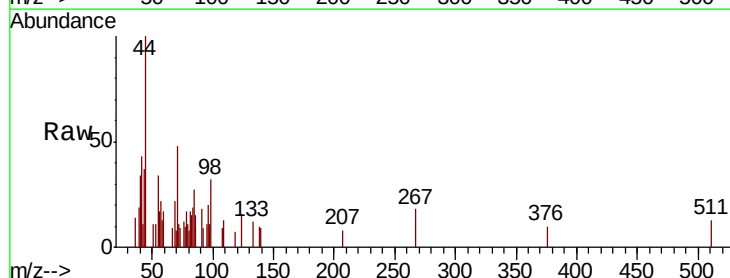
Tgt Ion: 139 Resp: 62

Ion Ratio Lower Upper

139 100

109 154.0 24.6 37.0#

65 0.0 42.6 64.0#

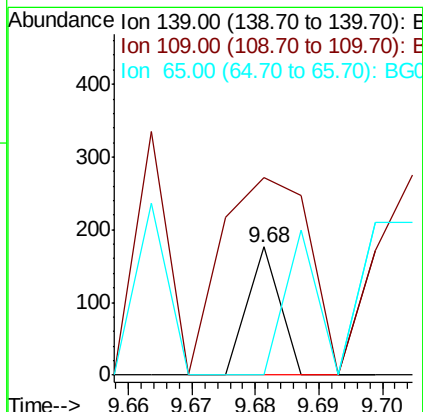
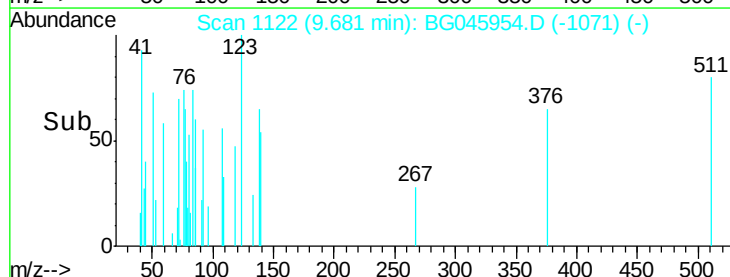


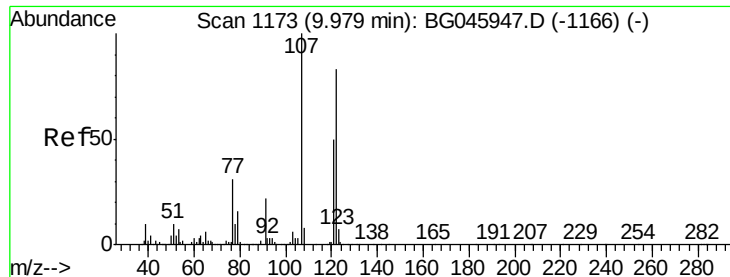
Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->

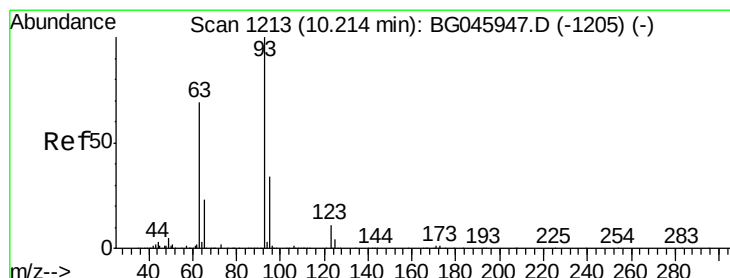
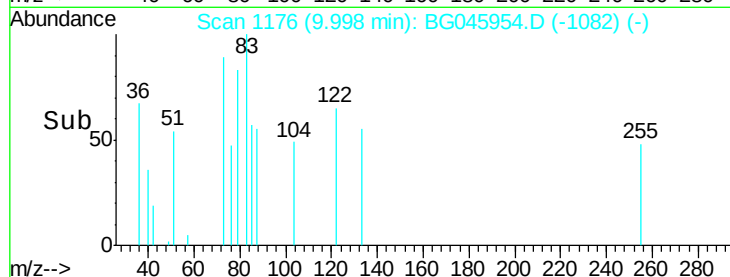
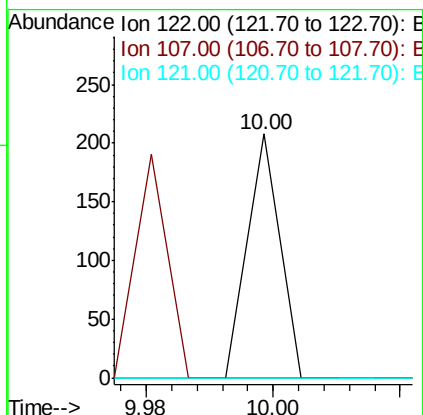
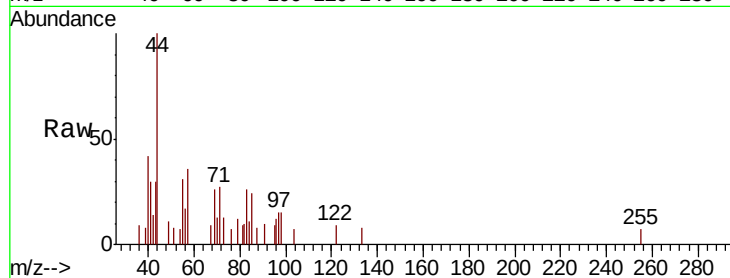




#27
2,4-Dimethylphenol
Concen: 0.006 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

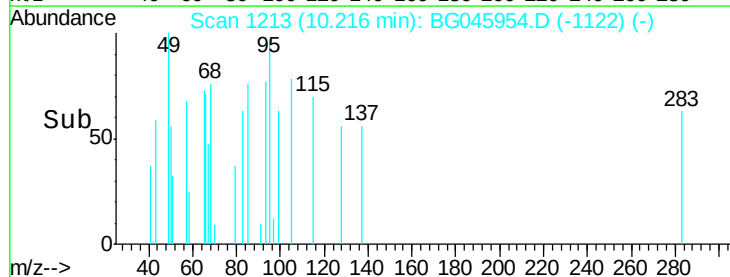
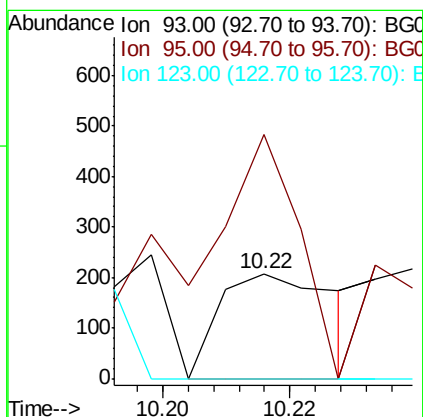
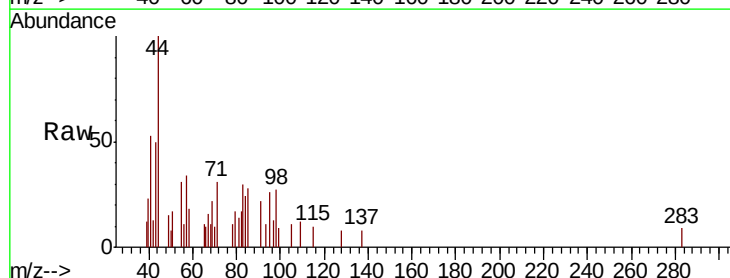
Instrument :
BNA_G
ClientSampled :
PB129891BL

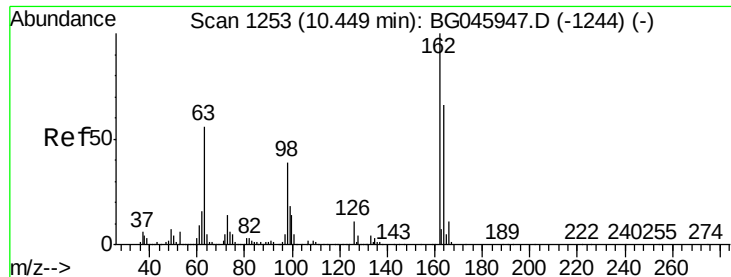
Tot Ion	Ratio	Lower	Upper
122	100		
107	0.0	95.6	143.4#
121	0.0	47.7	71.5#



#28
bis(2-Chloroethoxy)methane
Concen: 0.013 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	232.2	27.5	41.3#
123	0.0	9.2	13.8#

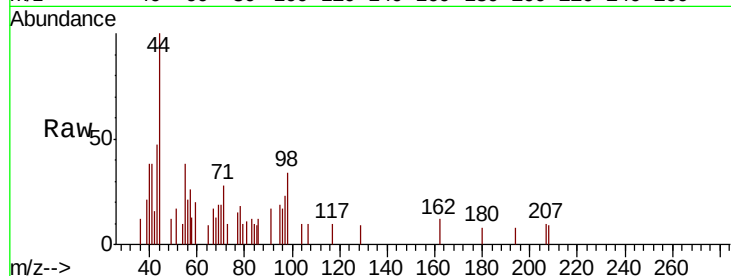




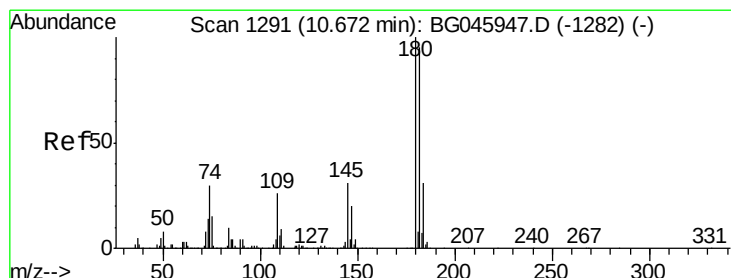
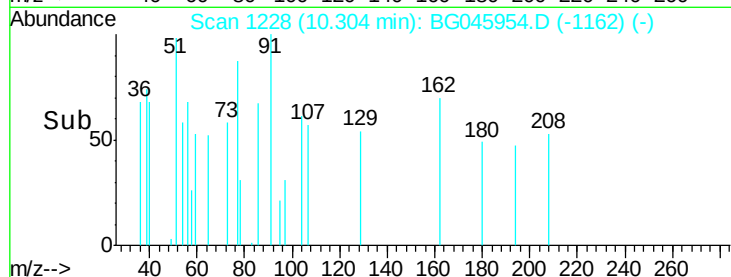
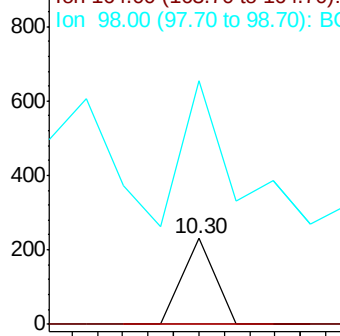
#29
2,4-Dichlorophenol
Concen: 0.006 ng
RT: 10.30 min Scan# 1228
Delta R.T. -0.15 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampleId :
PB129891BL

Tot Ion:162 Resp: 81
Ion Ratio Lower Upper
162 100
164 0.0 46.0 86.0#
98 283.1 19.2 59.2#

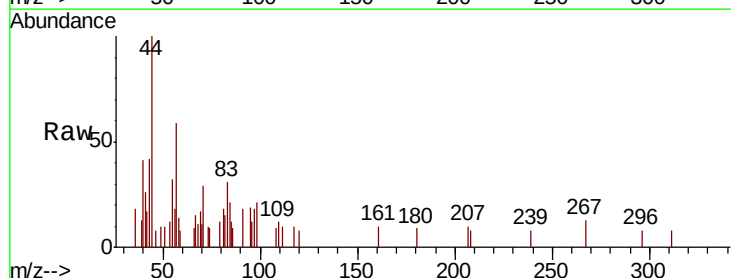


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

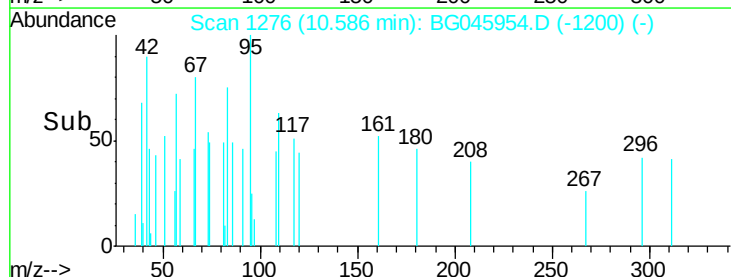
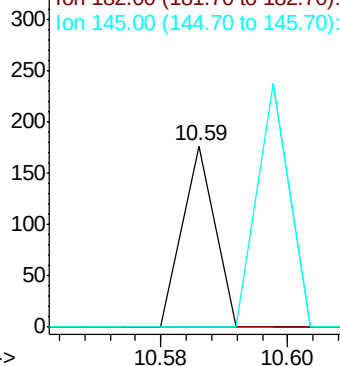


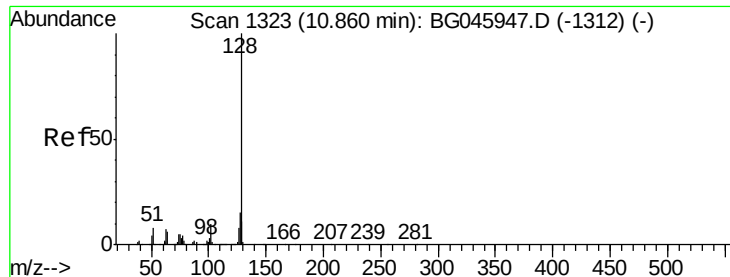
#30
1,2,4-Trichlorobenzene
Concen: 0.004 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.09 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion:180 Resp: 62
Ion Ratio Lower Upper
180 100
182 0.0 76.3 114.5#
145 0.0 24.8 37.2#



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 0.003 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

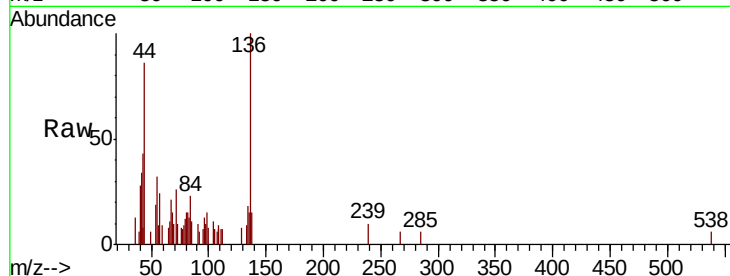
Tot Ion:128 Resp: 130

Ion Ratio Lower Upper

128 100

129 0.0 9.2 13.8#

127 0.0 11.8 17.6#

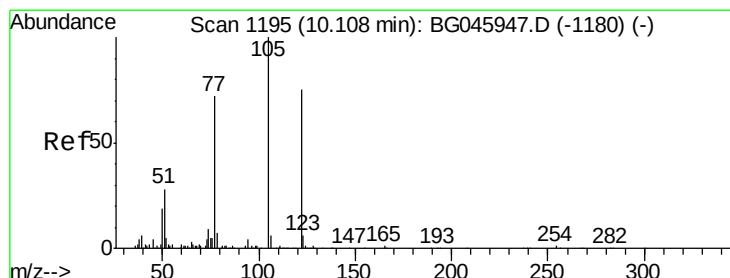
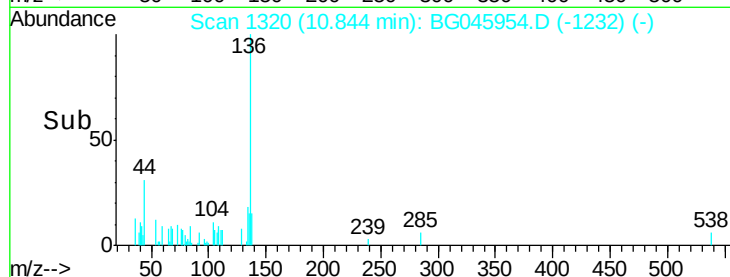
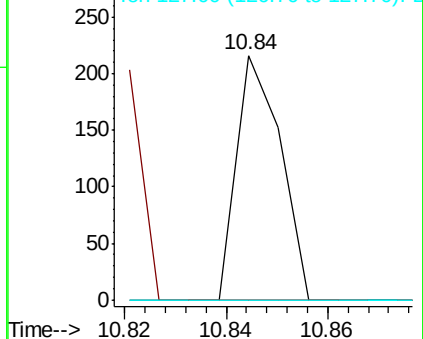


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.516 ng

RT: 10.06 min Scan# 1187

Delta R.T. -0.04 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

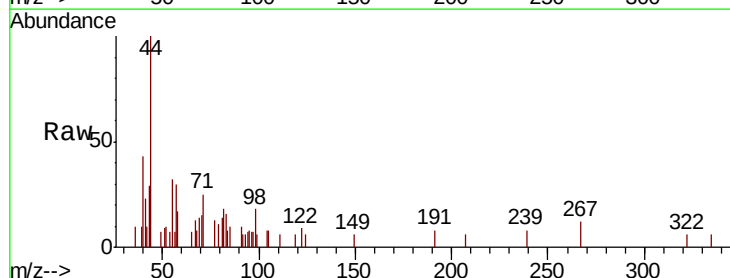
Tgt Ion:122 Resp: 81

Ion Ratio Lower Upper

122 100

105 94.3 110.8 150.8#

77 146.5 76.4 116.4#

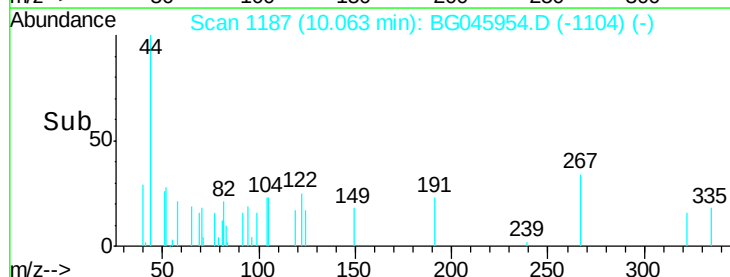
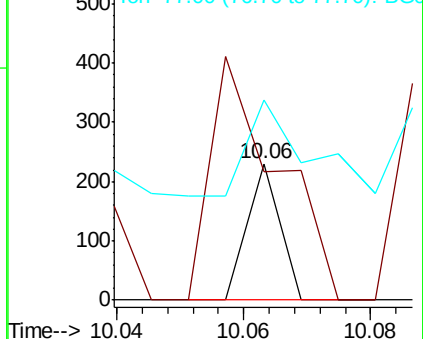


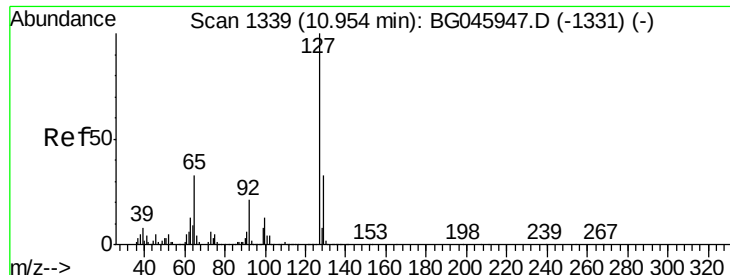
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





#33

4-Chloroaniline

Concen: 0.003 ng

RT: 10.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

Tot Ion:127 Resp: 67

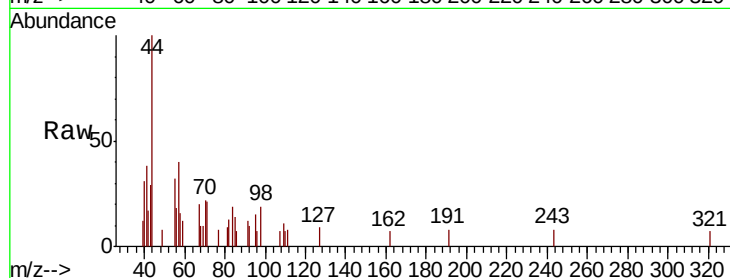
Ion Ratio Lower Upper

127 100

129 0.0 26.6 39.8#

65 0.0 26.8 40.2#

92 111.0 17.0 25.4#

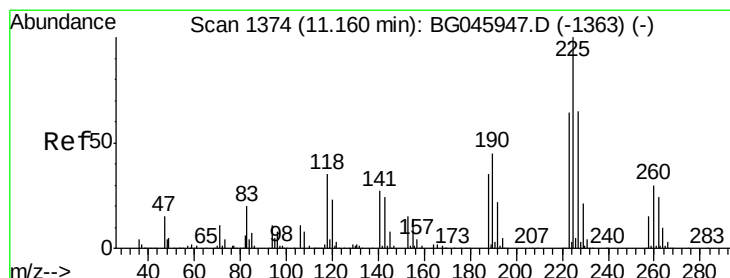
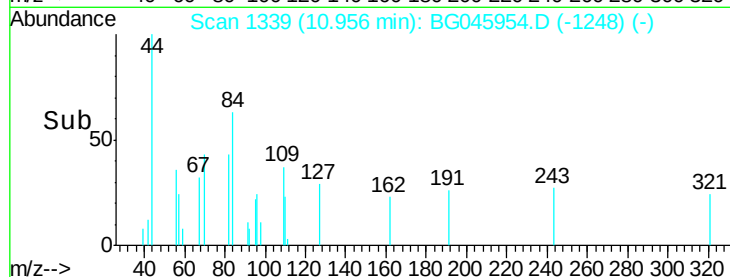
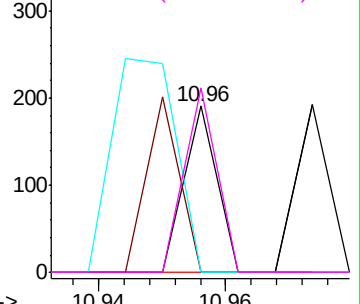


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34

Hexachlorobutadiene

Concen: 0.008 ng

RT: 11.24 min Scan# 1388

Delta R.T. 0.08 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

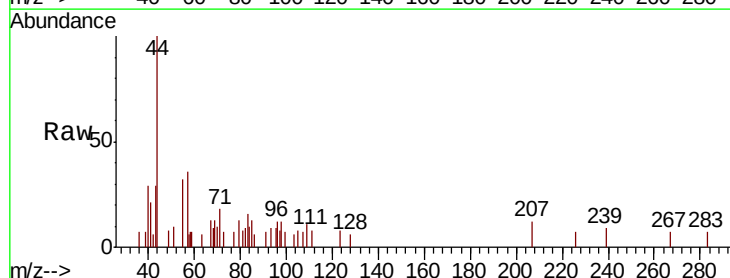
Tgt Ion:225 Resp: 65

Ion Ratio Lower Upper

225 100

223 0.0 51.2 76.8#

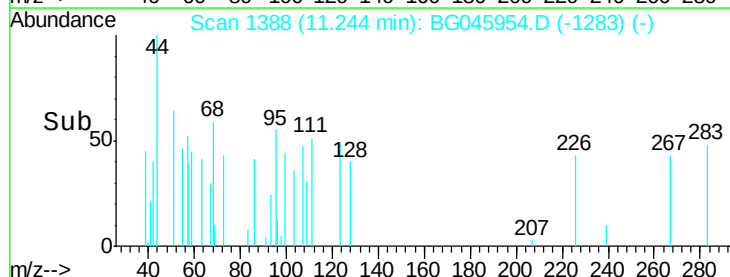
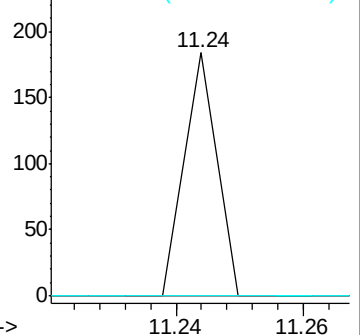
227 0.0 52.3 78.5#

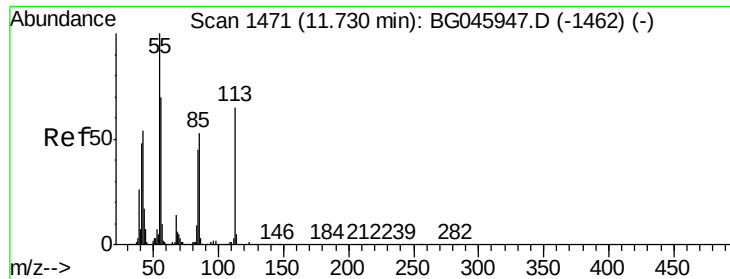


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 0.039 ng

RT: 12.02 min Scan# 1520

Delta R.T. 0.29 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

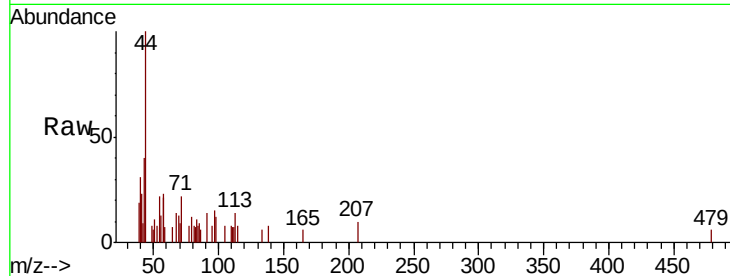
Tot Ion:113 Resp: 188

Ion Ratio Lower Upper

113 100

55 164.2 141.6 181.6

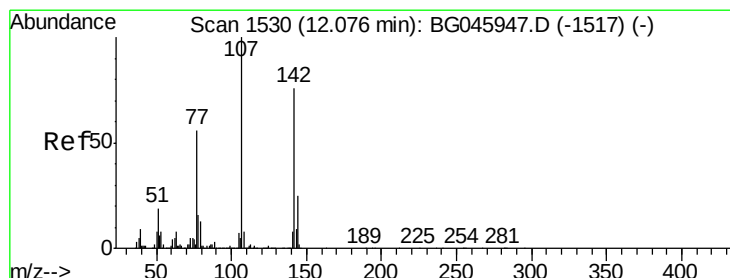
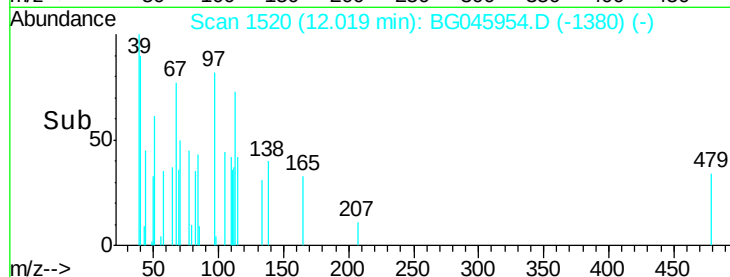
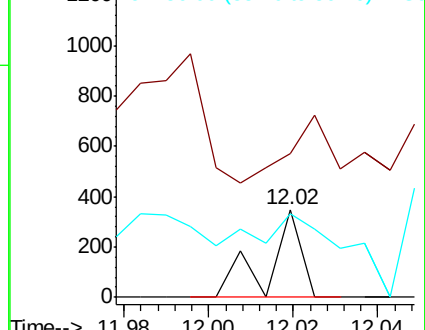
56 95.7 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 0.004 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

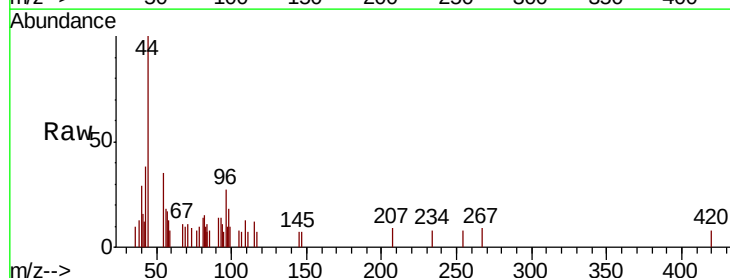
Tgt Ion:107 Resp: 57

Ion Ratio Lower Upper

107 100

144 101.2 20.0 30.0#

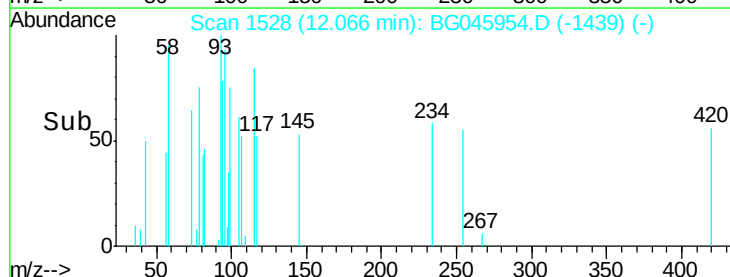
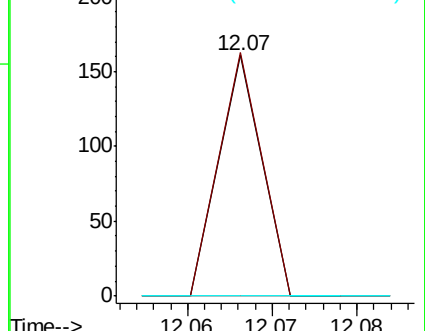
142 0.0 61.1 91.7#

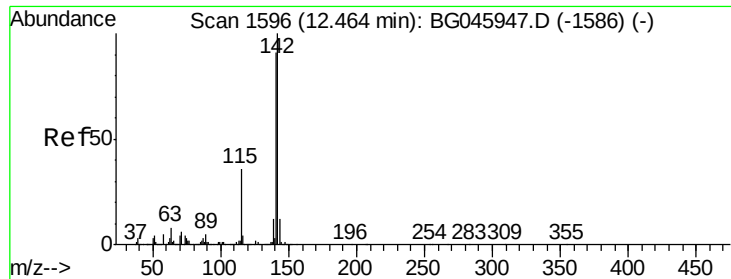


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

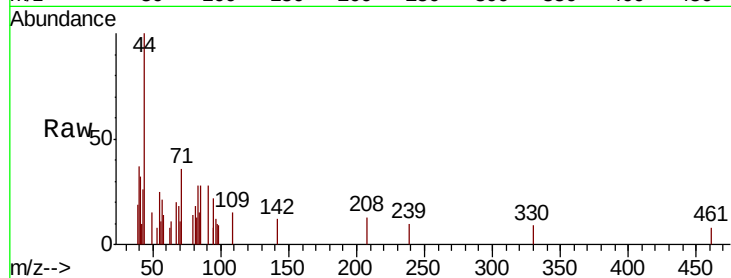




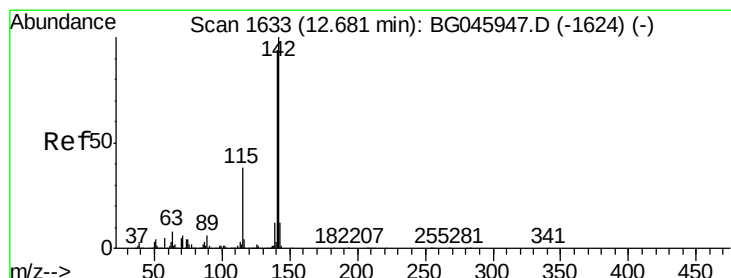
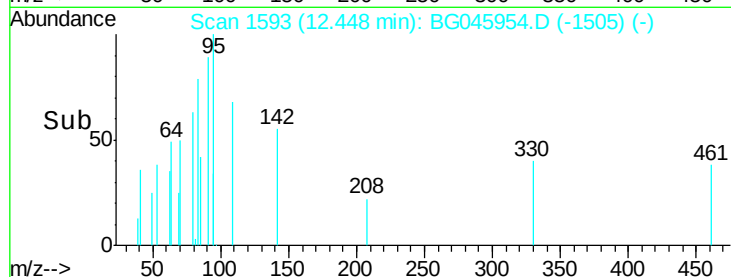
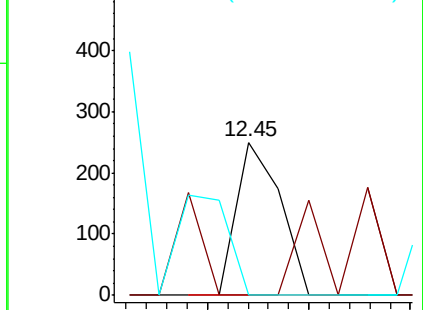
#37
2-Methylnaphthalene
Concen: 0.005 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampleId :
PB129891BL

Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.0	109.6#
115	0.0	28.8	43.2#

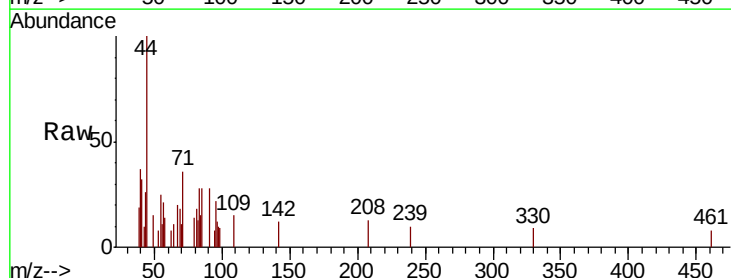


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

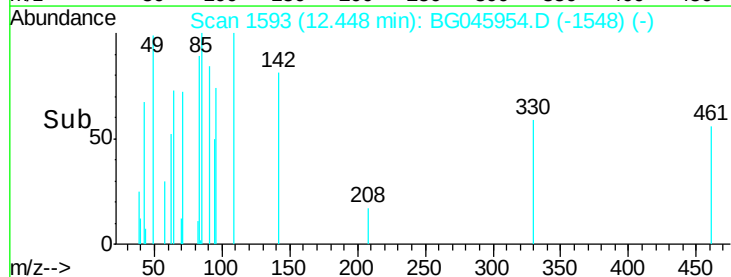
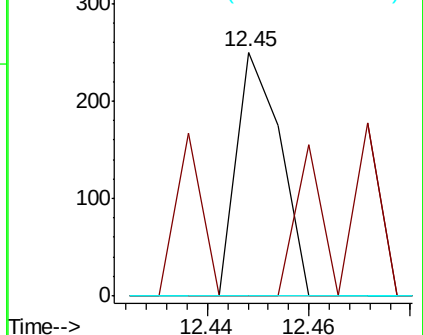


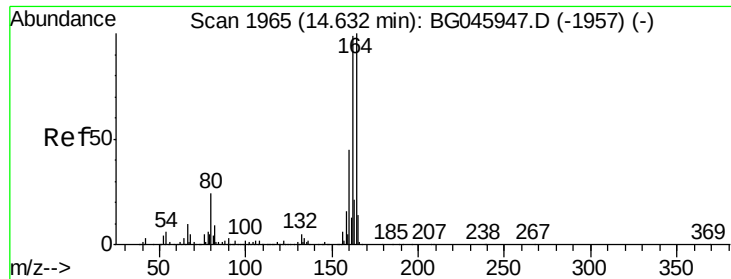
#38
1-Methylnaphthalene
Concen: 0.005 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.23 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	75.2	112.8#
116	0.0	3.1	4.7#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

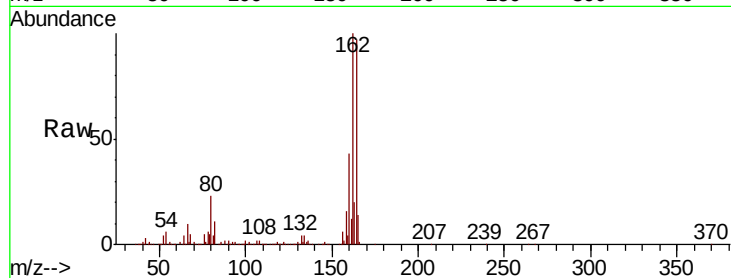
Tot Ion:164 Resp: 504302

Ion Ratio Lower Upper

164 100

162 103.3 79.3 118.9

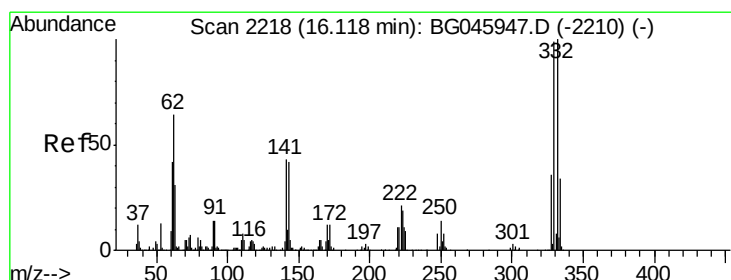
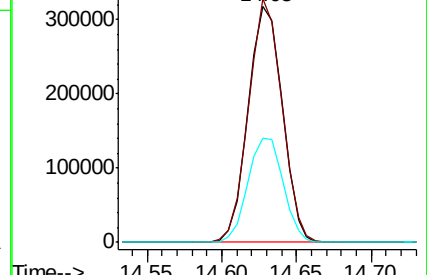
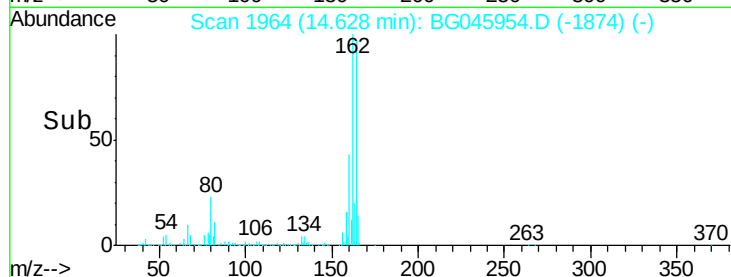
160 44.4 35.7 53.5



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: 123.593 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

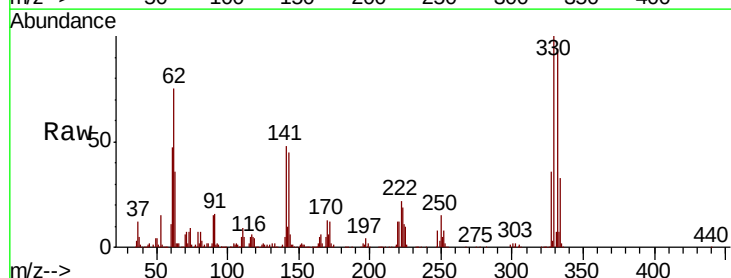
Tgt Ion:330 Resp: 578469

Ion Ratio Lower Upper

330 100

332 97.7 78.3 117.5

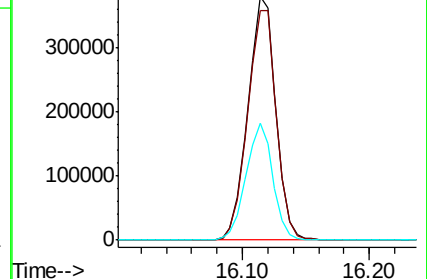
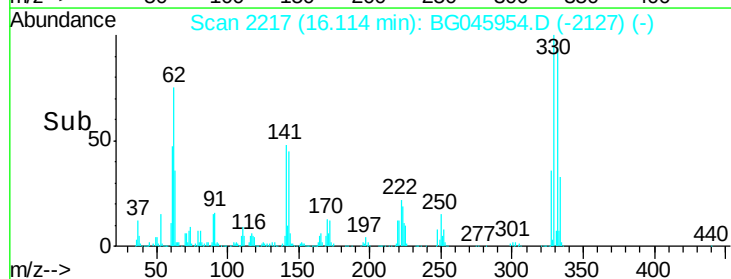
141 46.3 36.6 54.8

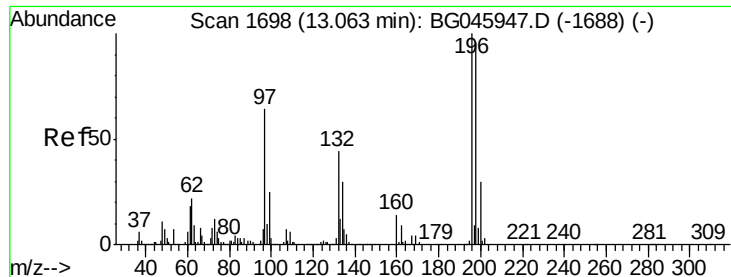


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

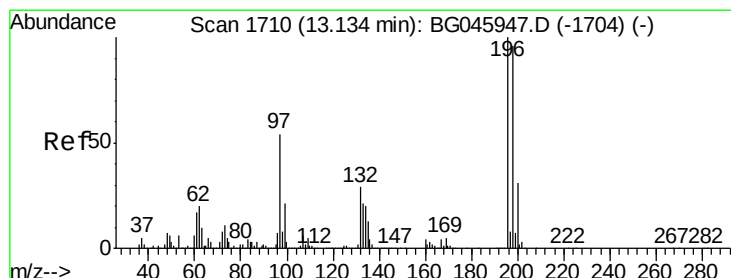
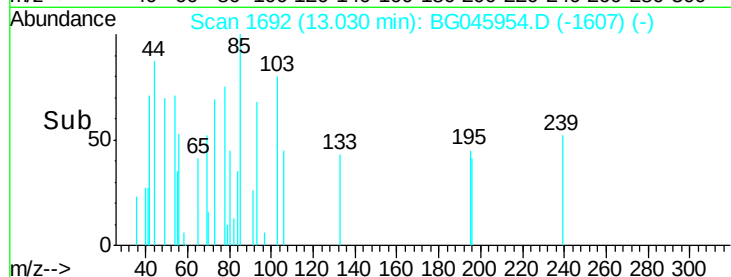
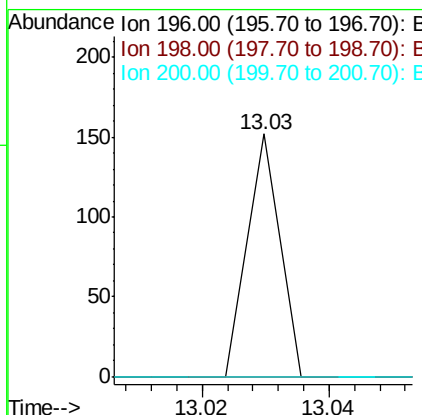
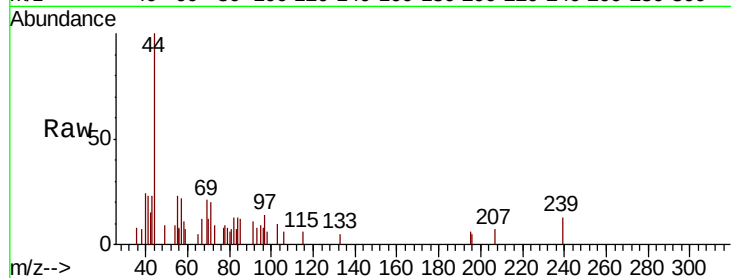




#43
 2,4,6-Trichlorophenol
 Concen: 0.006 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.03 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

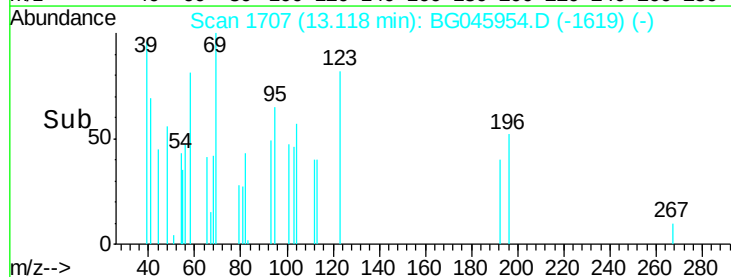
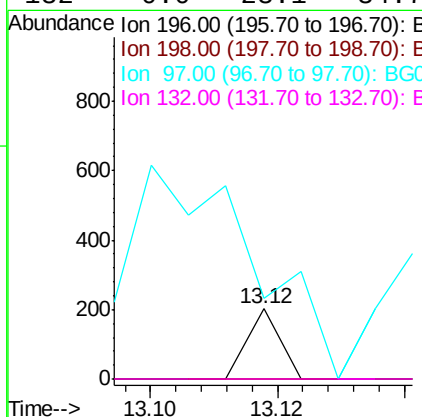
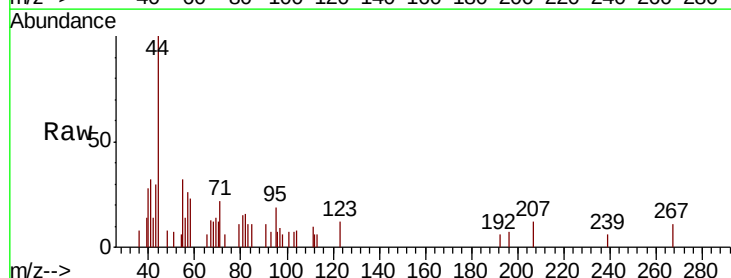
Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

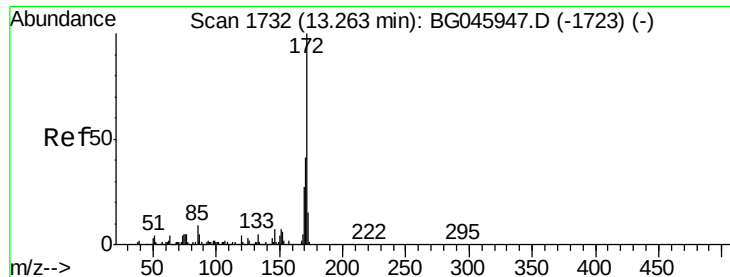
Tot Ion:196 Resp: 54
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.7 115.1#
 200 0.0 24.3 36.5#



#44
 2,4,5-Trichlorophenol
 Concen: 0.007 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

Tgt Ion:196 Resp: 72
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.0 115.6#
 97 115.3 44.3 66.5#
 132 0.0 23.1 34.7#



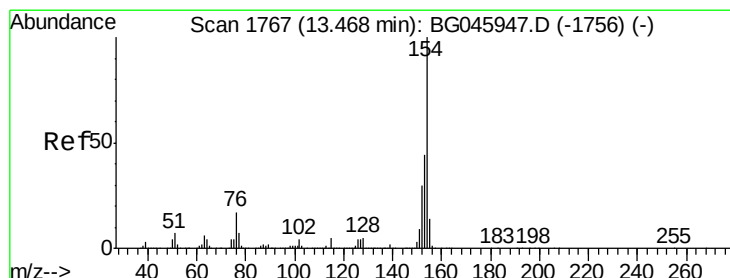
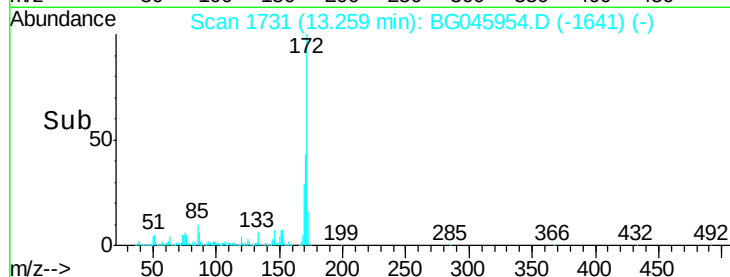
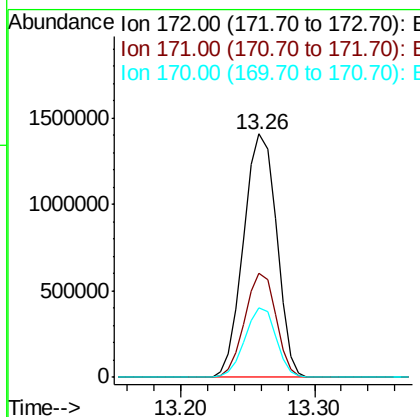
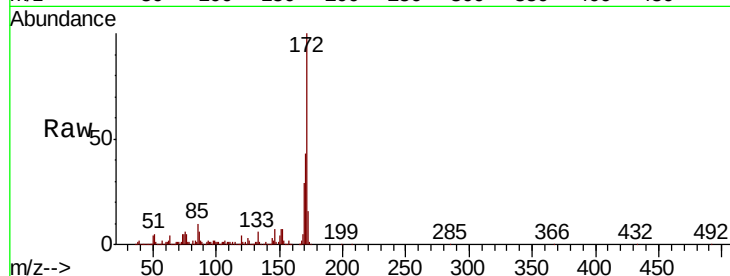


#45
 2-Fluorobiphenyl
 Concen: 74.556 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

Tot Ion:172 Resp: 2410455

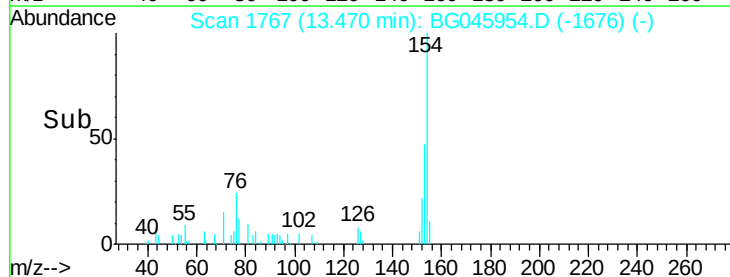
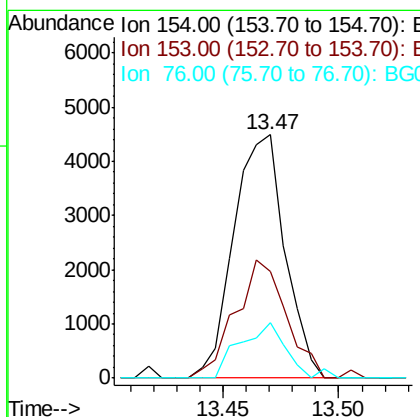
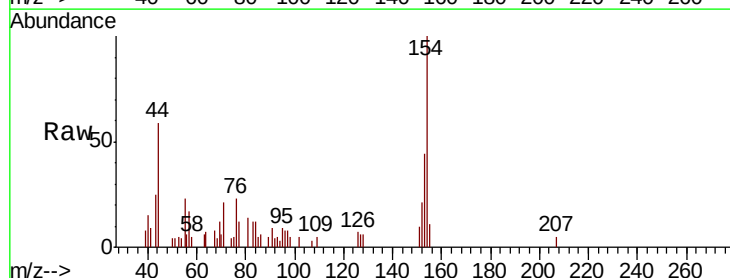
Ion	Ratio	Lower	Upper
172	100		
171	42.8	32.9	49.3
170	28.6	21.8	32.6

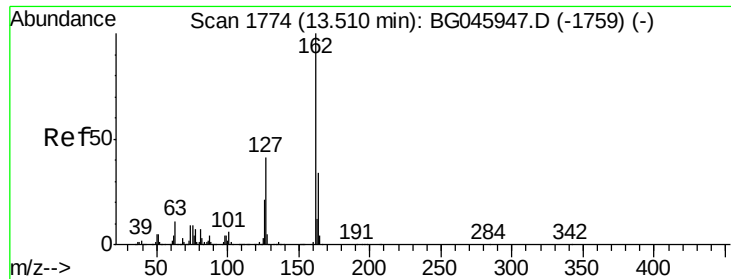


#46
 1,1'-Biphenyl
 Concen: 0.183 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

Tgt Ion:154 Resp: 6937

Ion	Ratio	Lower	Upper
154	100		
153	43.8	23.6	63.6
76	22.7	0.0	36.9

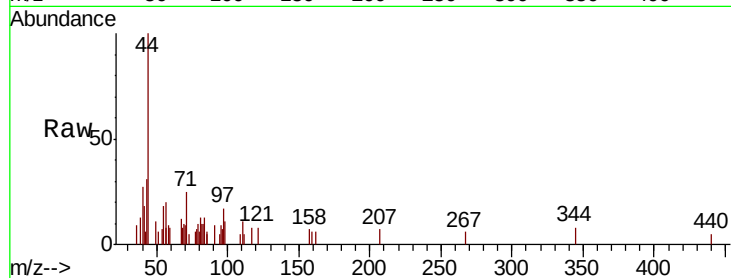




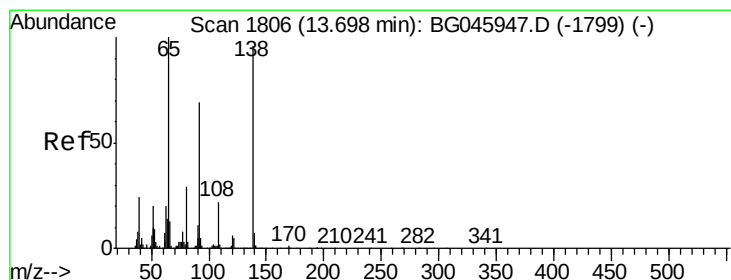
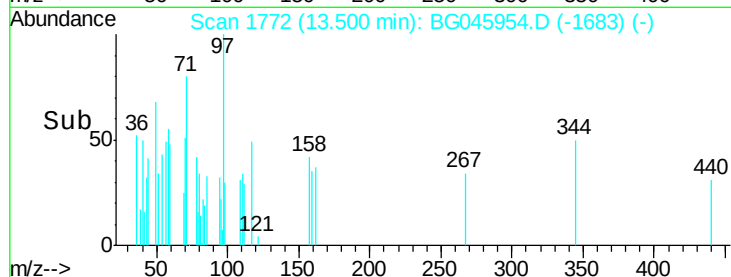
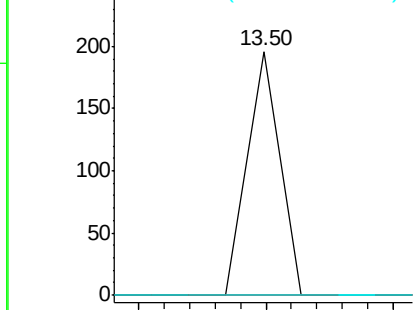
#47
2-Chloronaphthalene
Concen: 0.002 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampled :
PB129891BL

Tot Ion: 162 Resp: 69
Ion Ratio Lower Upper
162 100
127 0.0 32.5 48.7#
164 0.0 27.2 40.8#

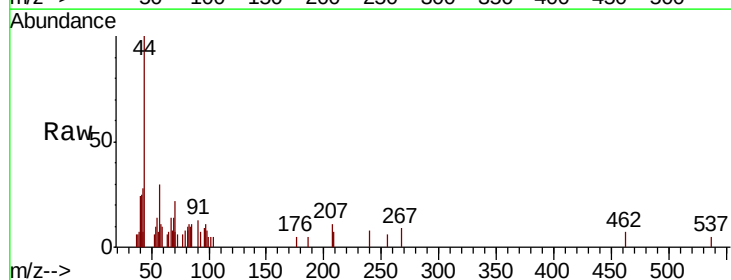


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

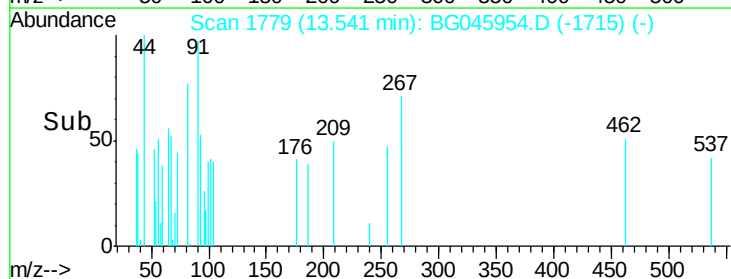
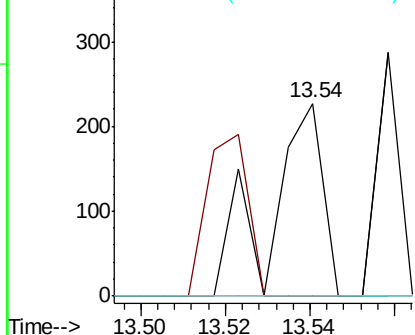


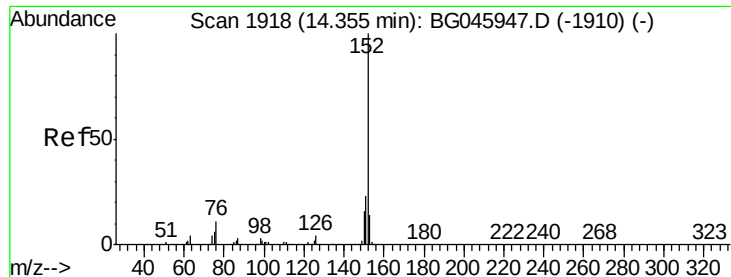
#48
2-Nitroaniline
Concen: 3.391 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.16 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion: 65 Resp: 195
Ion Ratio Lower Upper
65 100
92 0.0 55.4 83.0#
138 0.0 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

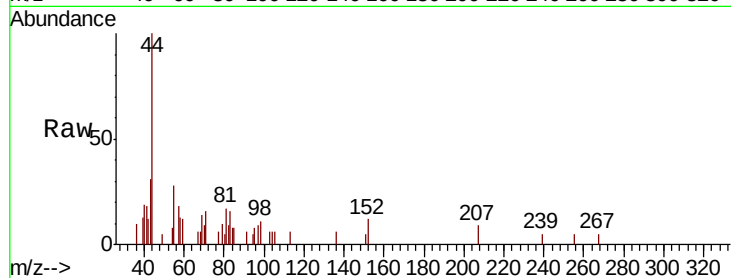
Tot Ion:152 Resp: 184

Ion Ratio Lower Upper

152 100

151 41.1 18.1 27.1#

153 0.0 11.5 17.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

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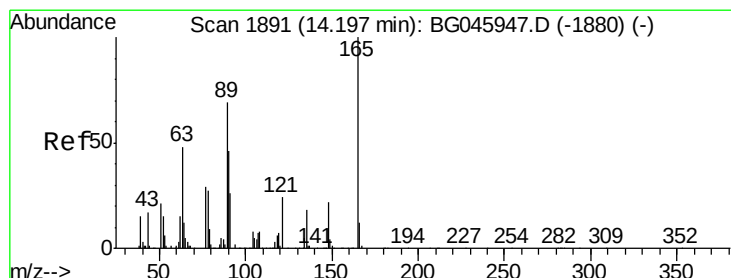
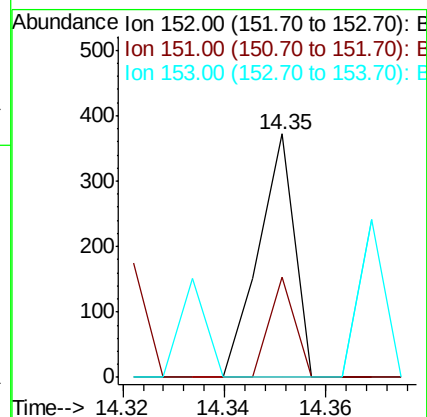
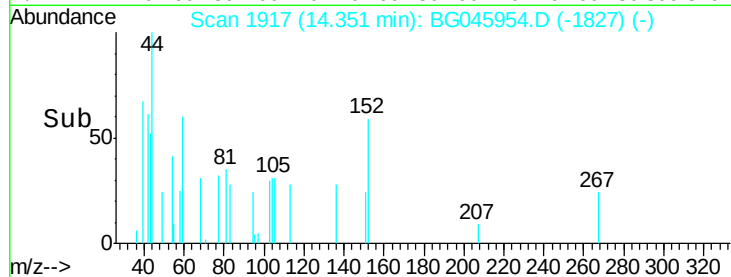
14.35

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#51

2,6-Dinitrotoluene

Concen: 12.530 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.43 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

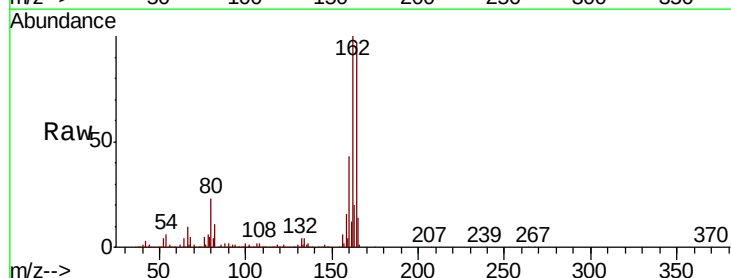
Tgt Ion:165 Resp: 67030

Ion Ratio Lower Upper

165 100

63 1.6 51.0 76.4#

89 1.5 55.7 83.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

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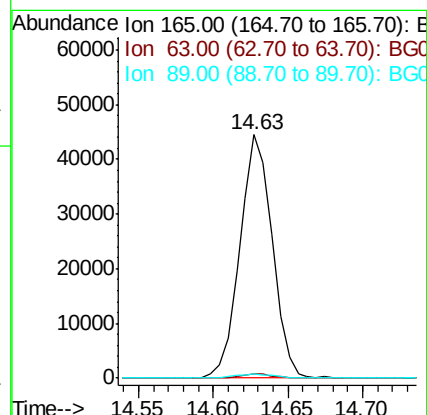
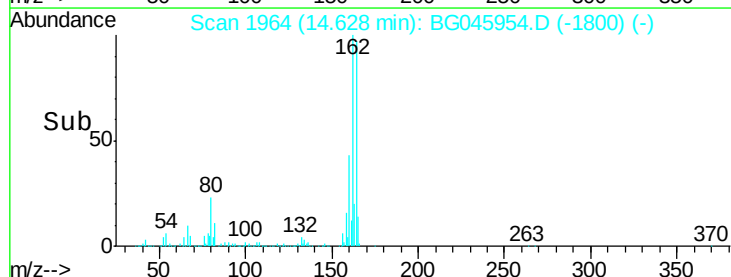
14.63

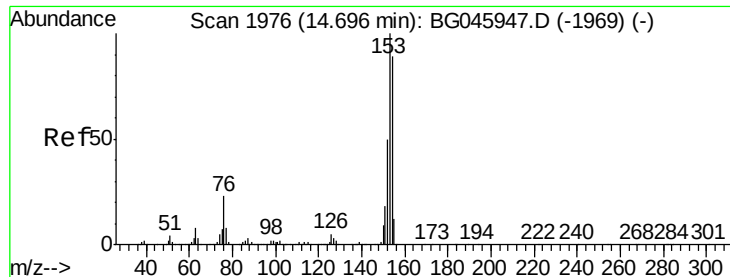
14.63

14.63

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14.63





#52

Acenaphthene

Concen: 0.064 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.06 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

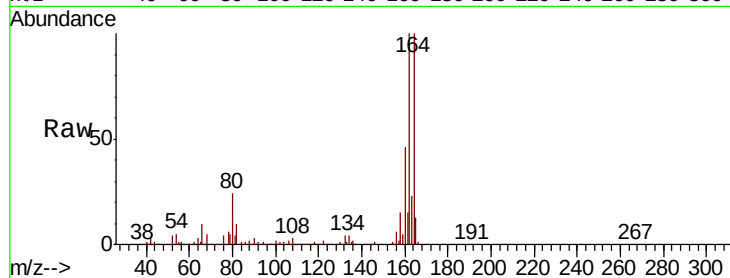
Tot Ion:154 Resp: 1941

Ion Ratio Lower Upper

154 100

153 0.0 89.7 134.5#

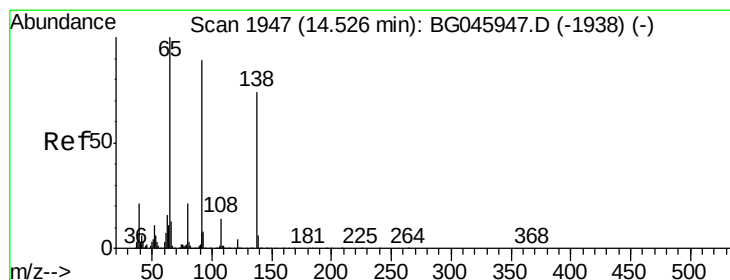
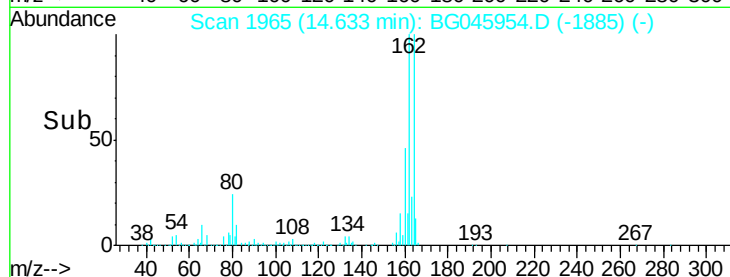
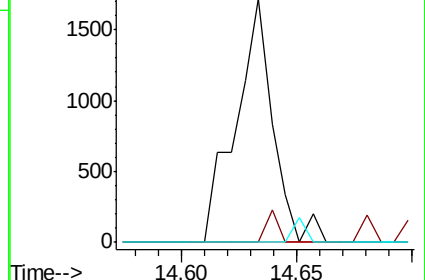
152 0.0 44.7 67.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 2.989 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.07 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

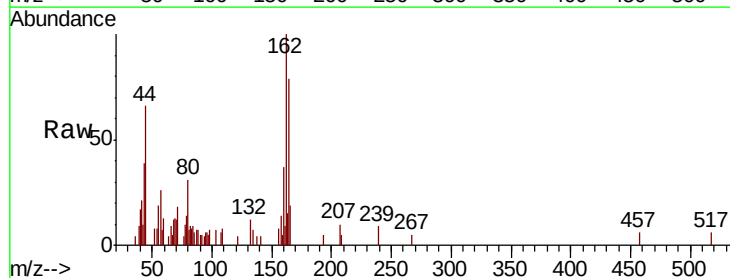
Tgt Ion:138 Resp: 53

Ion Ratio Lower Upper

138 100

108 144.4 15.4 23.2#

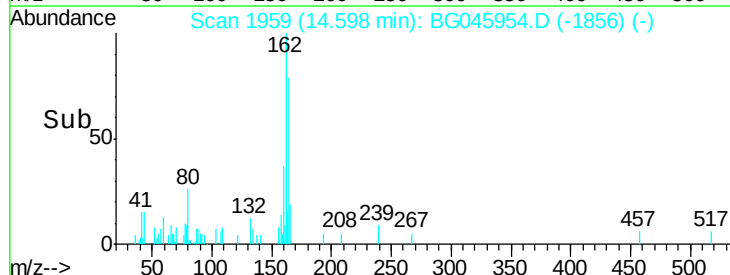
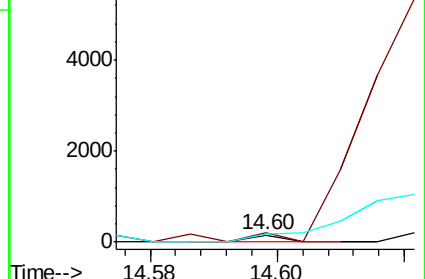
92 124.5 95.9 143.9

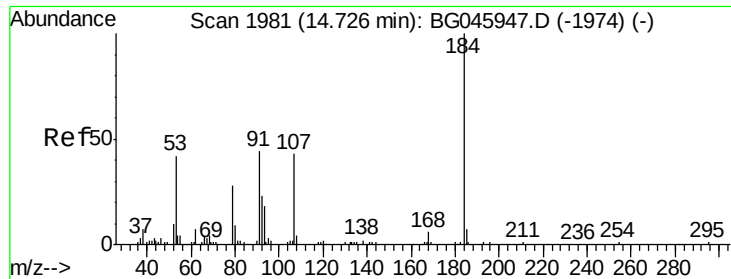


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

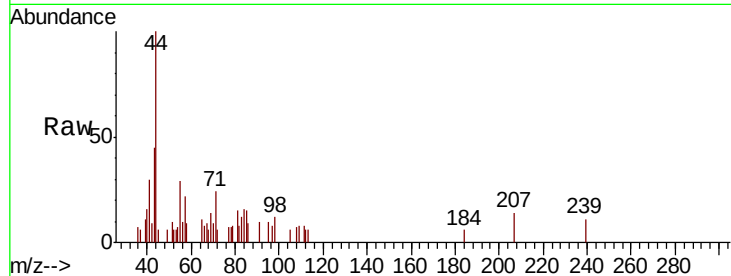




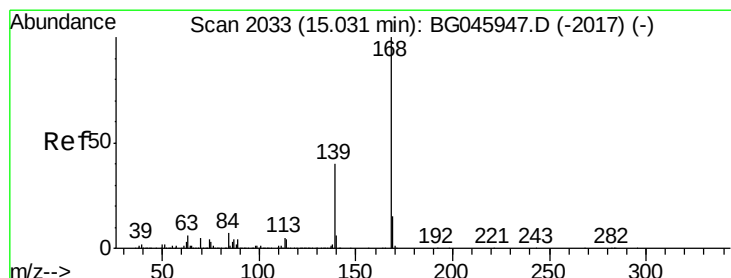
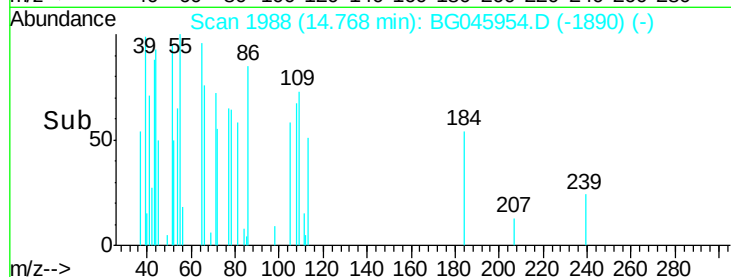
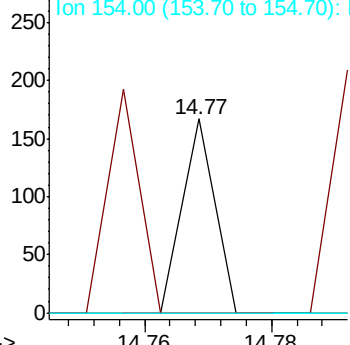
#54
2,4-Dinitrophenol
Concen: 6.132 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.04 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampleId :
PB129891BL

Tot Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 46.0 69.0#
154 0.0 58.2 87.2#

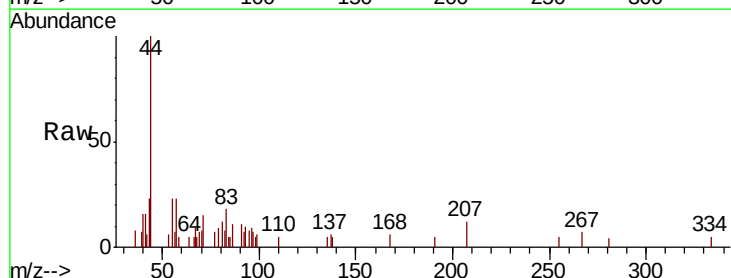


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

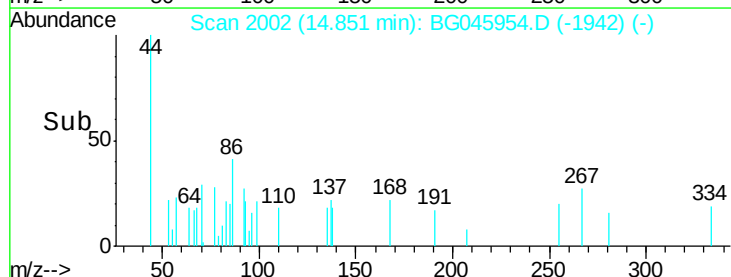
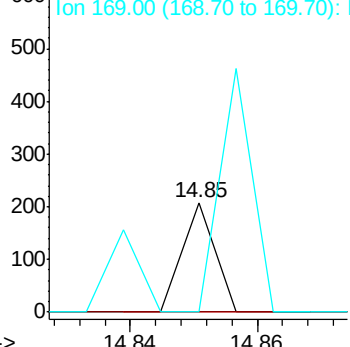


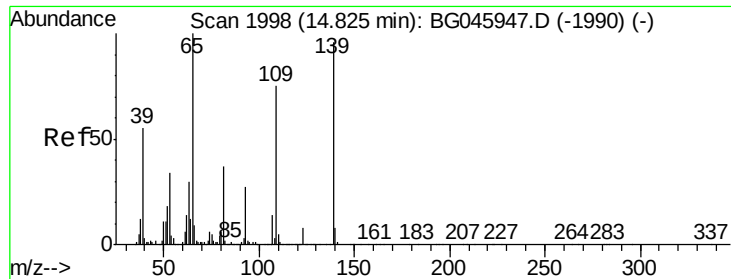
#55
Dibenzofuran
Concen: 0.002 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.18 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion:168 Resp: 73
Ion Ratio Lower Upper
168 100
139 0.0 32.2 48.2#
169 0.0 11.8 17.8#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

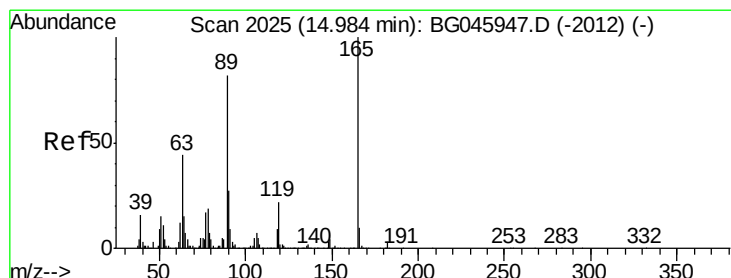
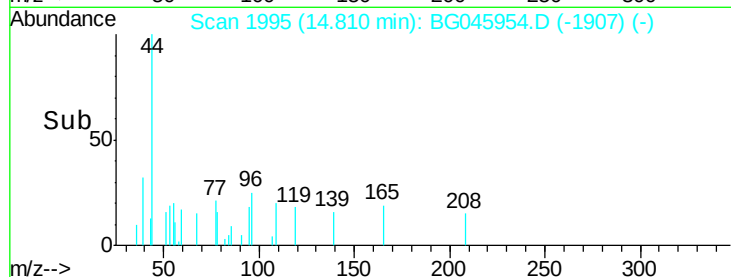
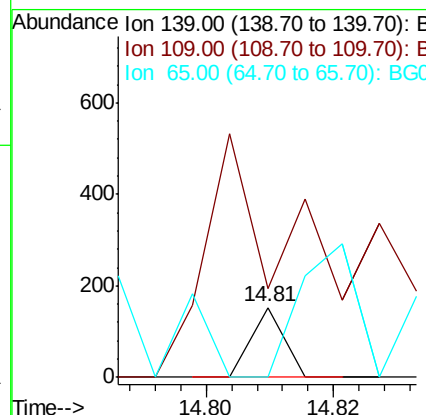
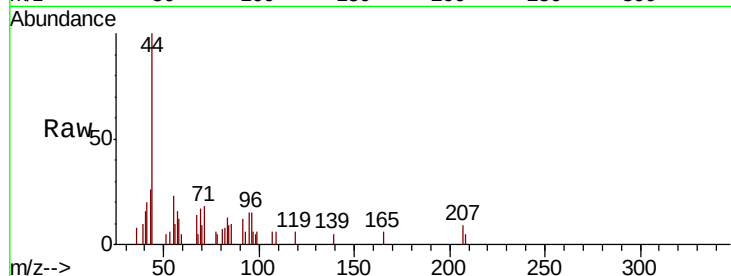




#56
4-Nitrophenol
Concen: 0.009 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

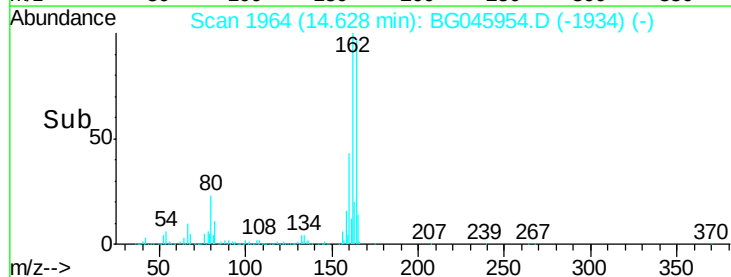
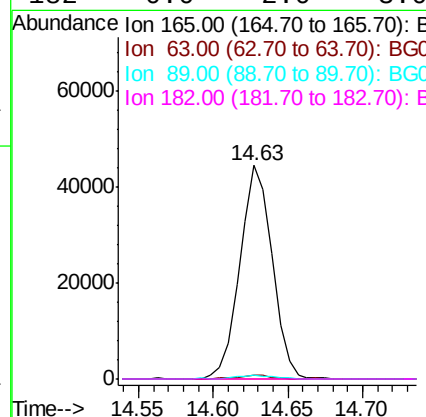
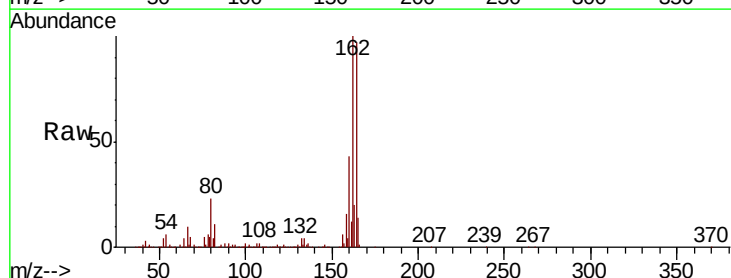
Instrument :
BNA_G
ClientSampleId :
PB129891BL

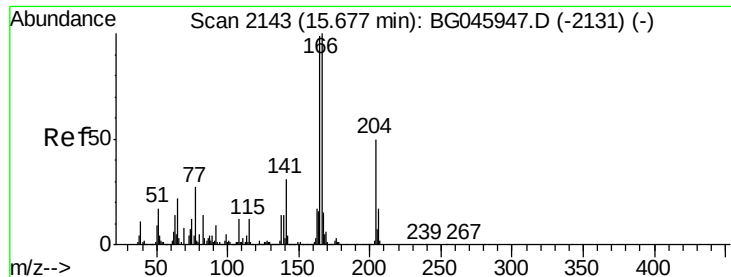
Tot Ion	Ratio	Lower	Upper
139	100		
109	126.8	58.5	98.5#
65	0.0	84.7	124.7#



#57
2,4-Dinitrotoluene
Concen: 11.044 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.4	53.0#
89	1.5	65.4	98.2#
182	0.0	2.0	3.0#





#58

Fluorene

Concen: 0.842 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.44 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

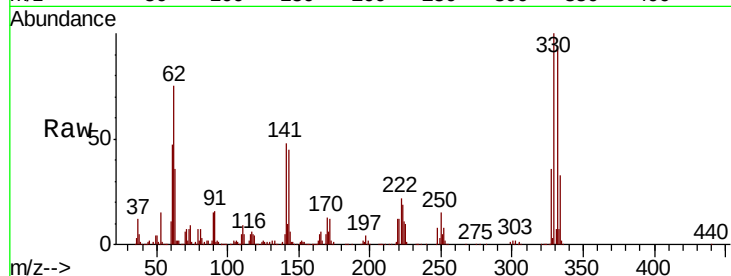
Tot Ion:166 Resp: 30845

Ion Ratio Lower Upper

166 100

165 93.0 78.9 118.3

167 31.6 12.1 18.1#

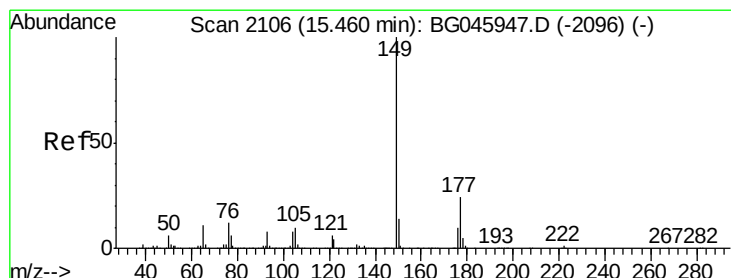
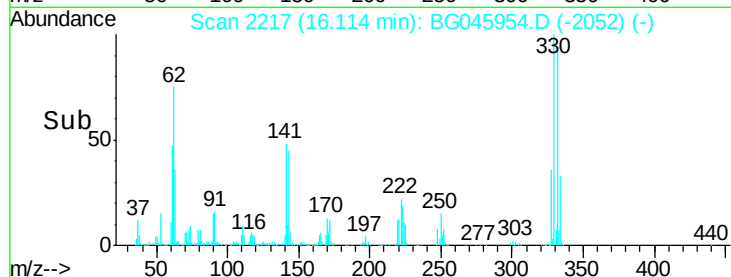
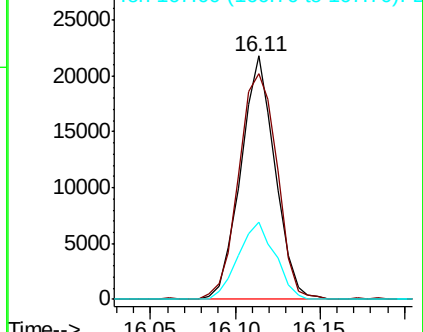


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.006 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

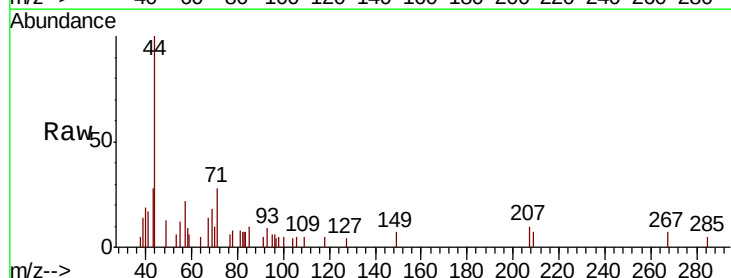
Tgt Ion:149 Resp: 250

Ion Ratio Lower Upper

149 100

177 0.0 19.0 28.4#

150 0.0 11.0 16.4#

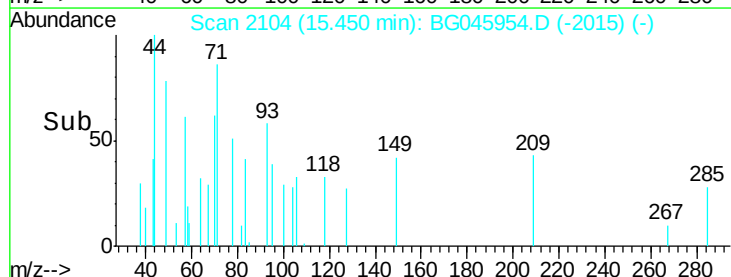
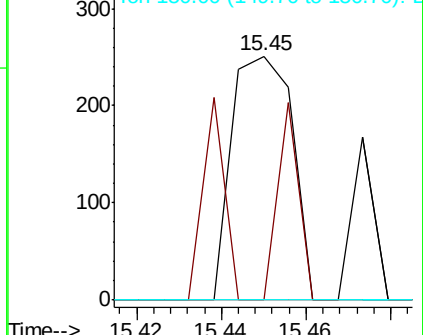


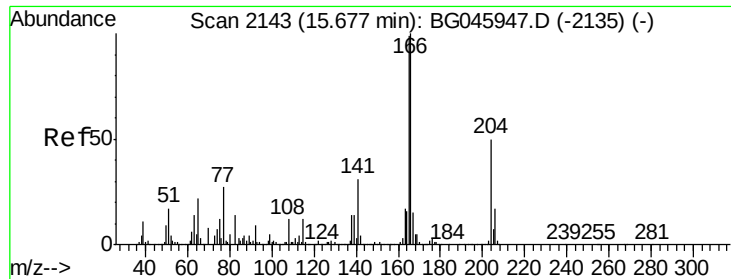
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

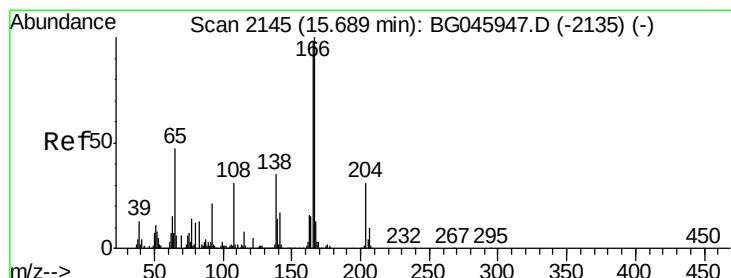
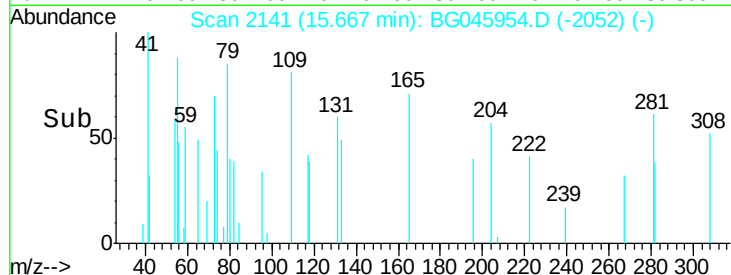
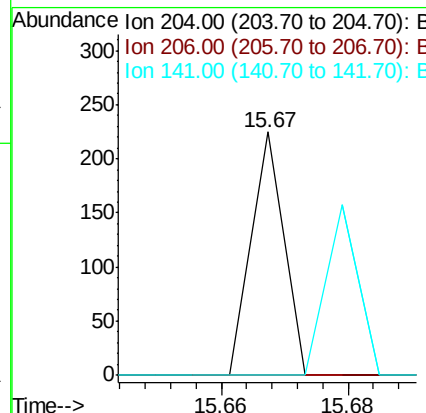
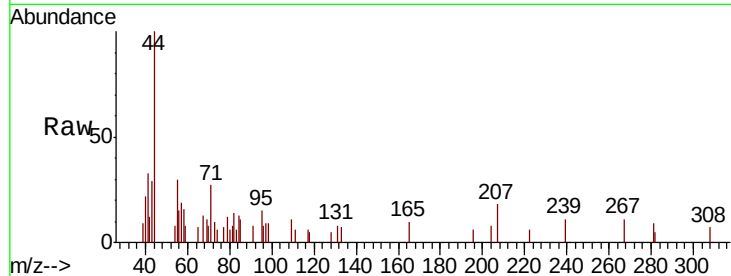




#61
 4-Chlorophenyl-phenylether
 Concen: 0.004 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

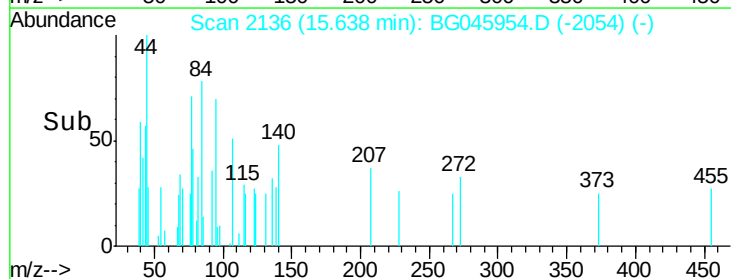
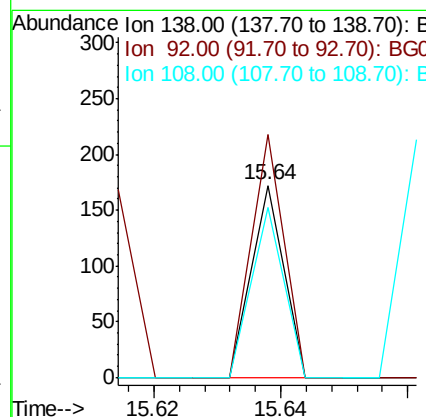
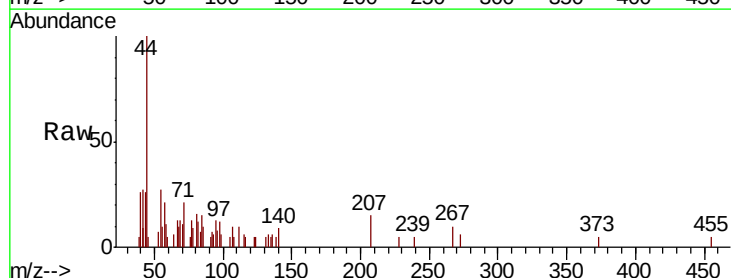
Instrument :
 BNA_G
 ClientSampleID :
 PB129891BL

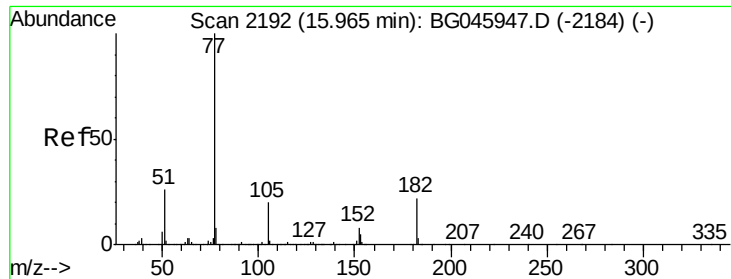
Tot Ion: 204 Resp: 79
 Ion Ratio Lower Upper
 204 100
 206 0.0 27.1 40.7#
 141 0.0 49.8 74.8#



#62
 4-Nitroaniline
 Concen: 0.008 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.05 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

Tgt Ion: 138 Resp: 61
 Ion Ratio Lower Upper
 138 100
 92 126.7 40.3 80.3#
 108 88.4 68.0 108.0





#63

Azobenzene

Concen: 0.012 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

Tot Ion: 77 Resp: 507

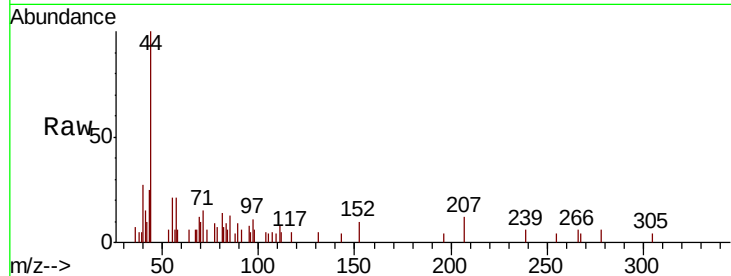
Ion Ratio Lower Upper

77 100

182 0.0 2.4 42.4#

105 51.8 0.3 40.3#

51 0.0 6.3 46.3#

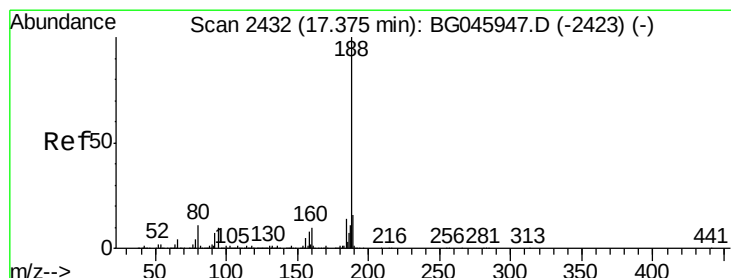
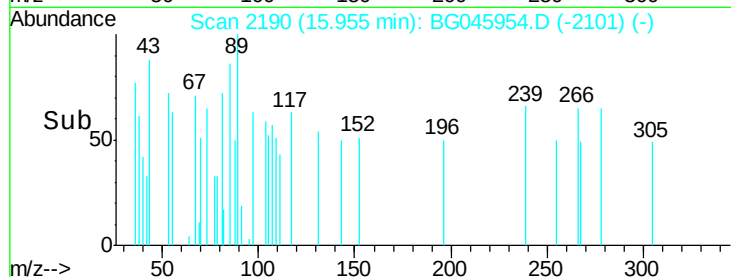
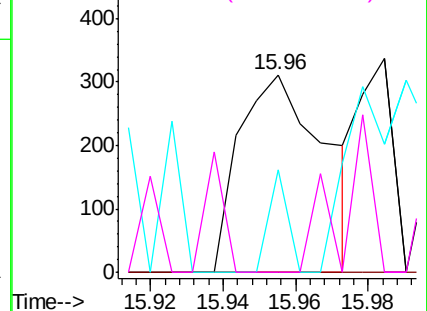


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

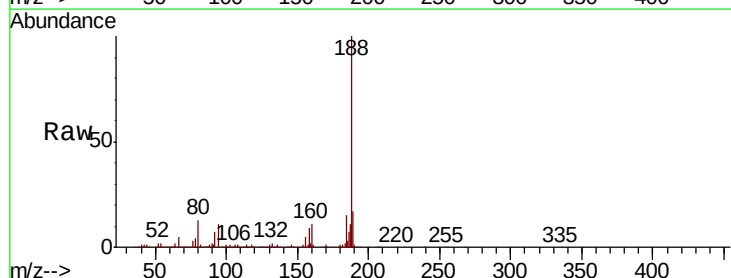
Tgt Ion: 188 Resp: 1033161

Ion Ratio Lower Upper

188 100

94 11.3 8.2 12.4

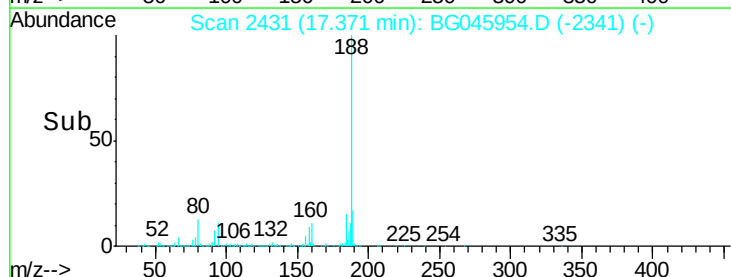
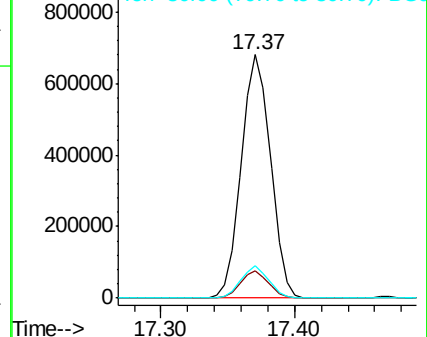
80 13.1 9.0 13.6

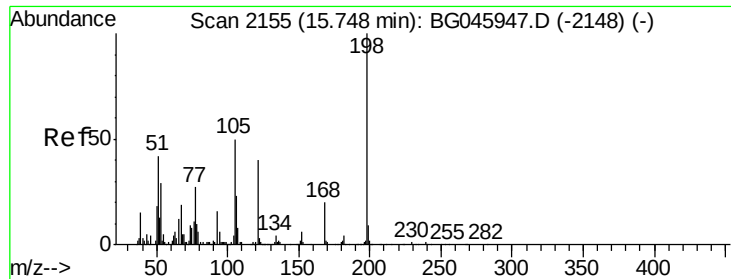


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

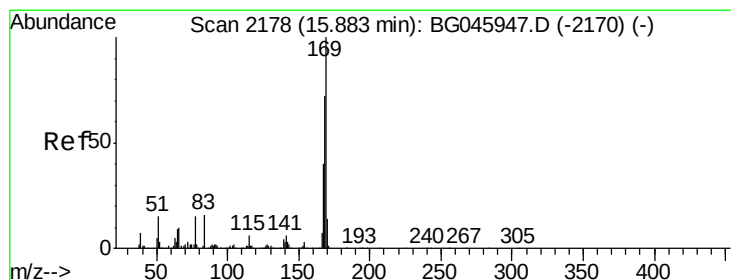
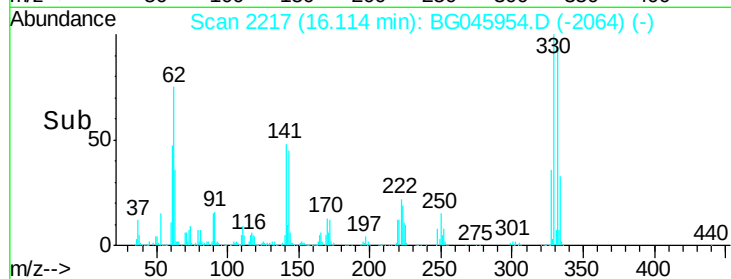
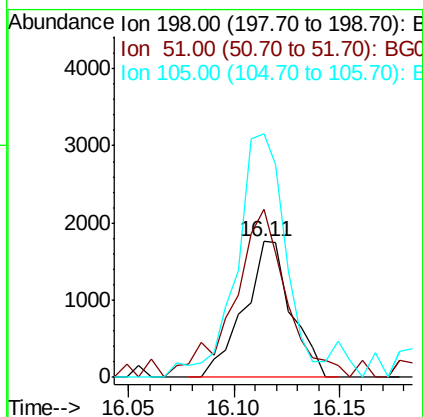
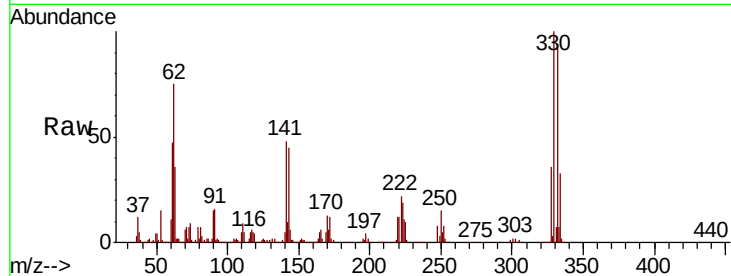




#65
4,6-Dinitro-2-methylphenol
Concen: 7.453 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.37 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

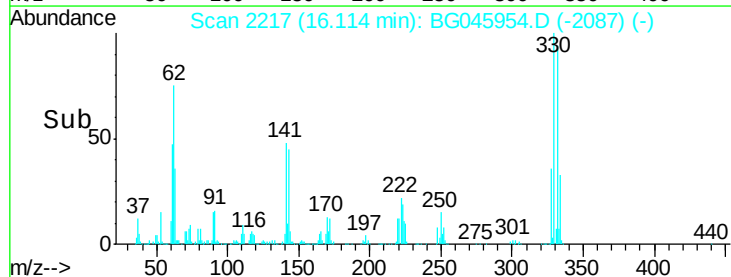
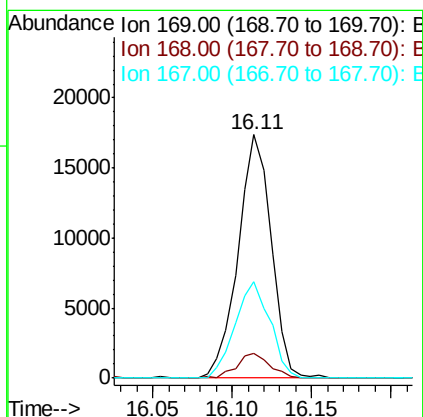
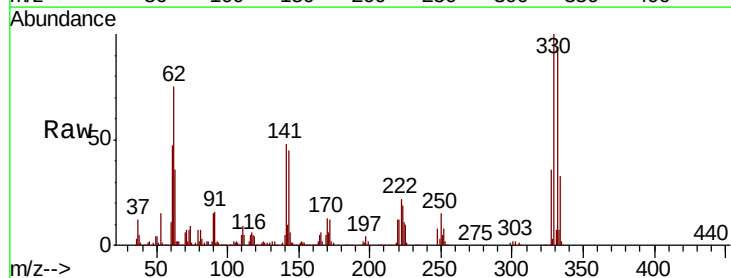
Instrument :
BNA_G
ClientSampleId :
PB129891BL

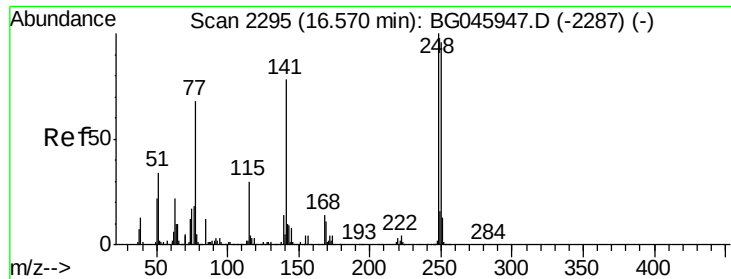
Tot Ion:198 Resp: 2744
Ion Ratio Lower Upper
198 100
51 123.4 24.5 64.5#
105 179.2 30.9 70.9#



#66
n-Nitrosodiphenylamine
Concen: 0.787 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.23 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion:169 Resp: 25203
Ion Ratio Lower Upper
169 100
168 10.3 57.3 85.9#
167 39.7 32.1 48.1

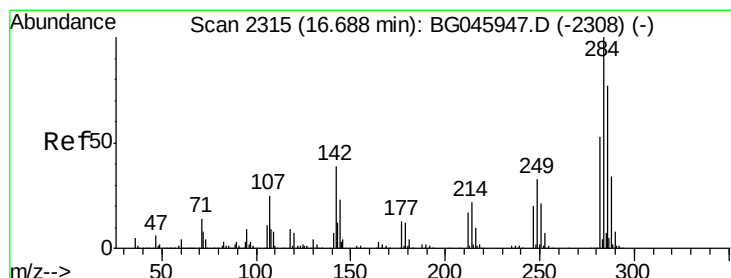
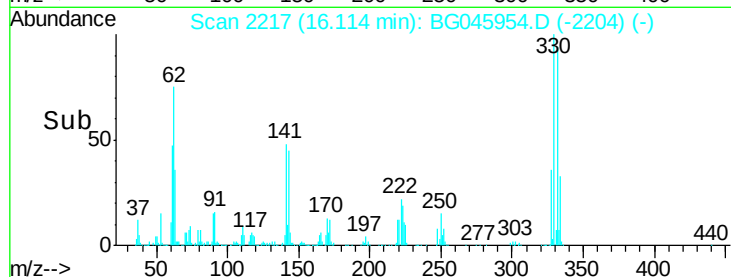
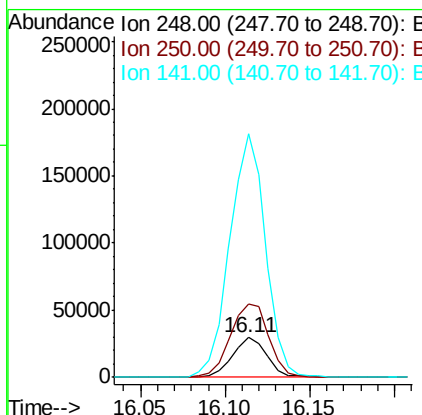
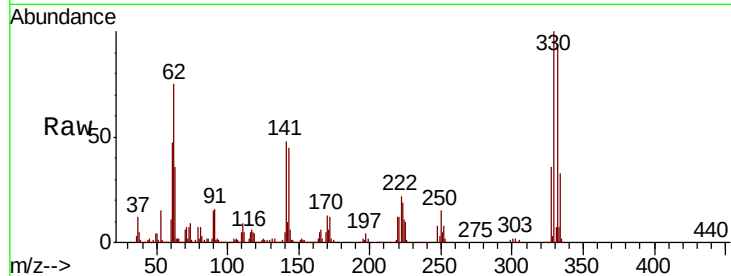




#67
4-Bromophenyl-phenylether
Concen: 3.653 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.46 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

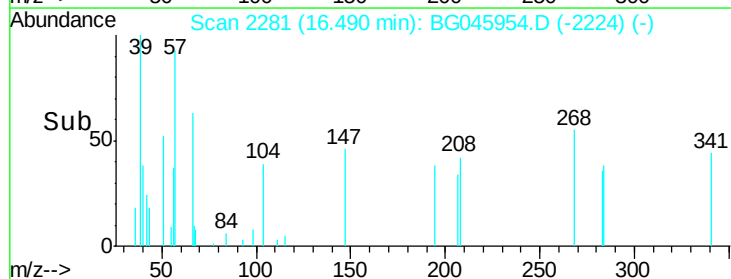
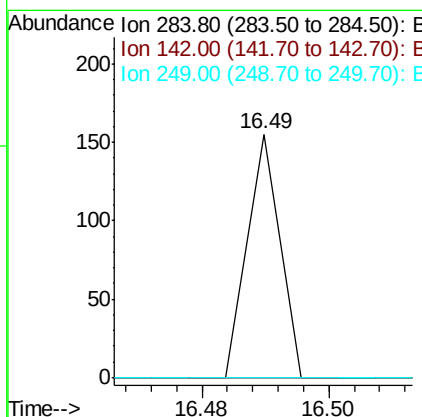
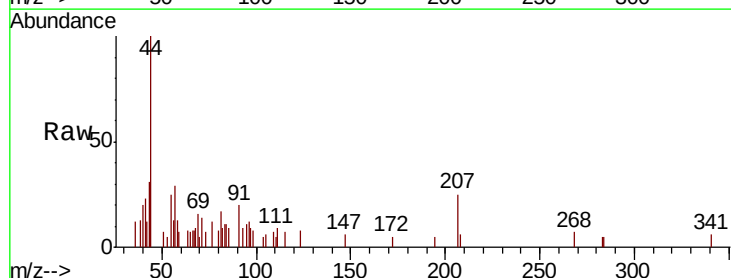
Instrument :
BNA_G
ClientSampled :
PB129891BL

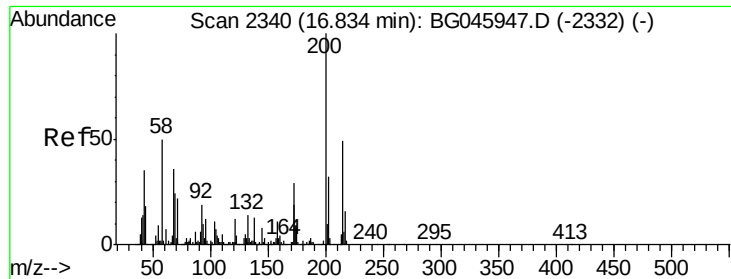
Tot Ion:248 Resp: 42153
Ion Ratio Lower Upper
248 100
250 187.0 76.6 114.8#
141 615.2 62.7 94.1#



#68
Hexachlorobenzene
Concen: 0.005 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.20 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion:284 Resp: 55
Ion Ratio Lower Upper
284 100
142 0.0 31.3 46.9#
249 0.0 26.8 40.2#





#69

Atrazine

Concen: 0.007 ng

RT: 16.88 min Scan# 2348

Delta R.T. 0.05 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampled :

PB129891BL

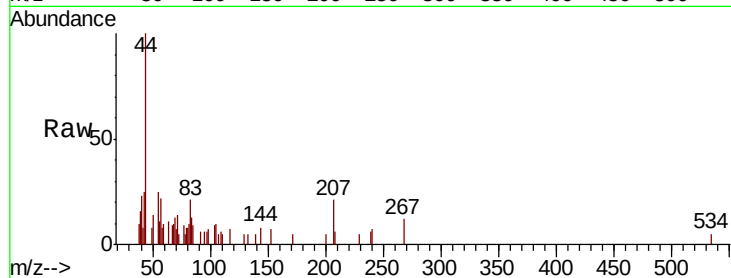
Tot Ion:200 Resp: 63

Ion Ratio Lower Upper

200 100

173 0.0 9.1 49.1#

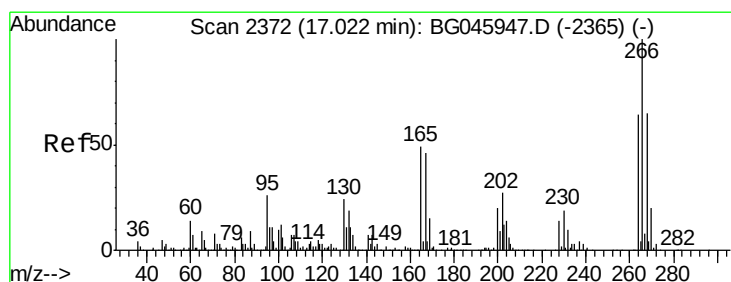
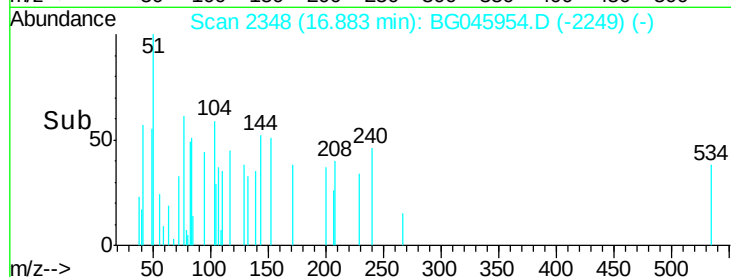
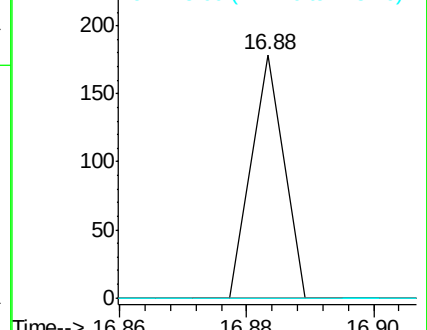
215 0.0 28.8 68.8#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 0.011 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.18 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

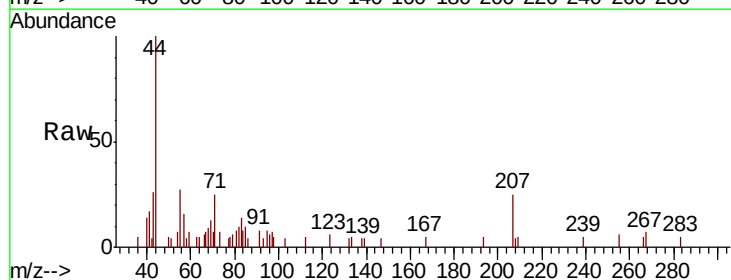
Tgt Ion:266 Resp: 70

Ion Ratio Lower Upper

266 100

268 0.0 51.8 77.8#

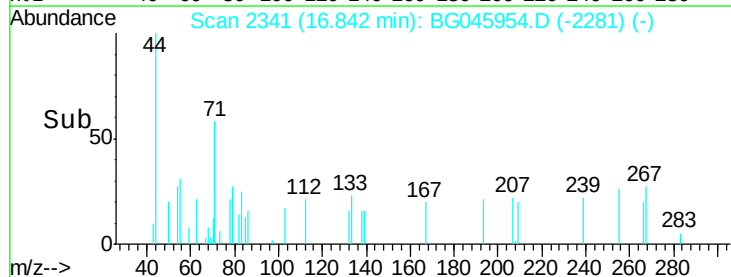
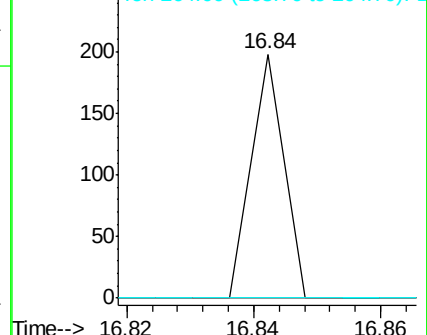
264 0.0 51.4 77.0#

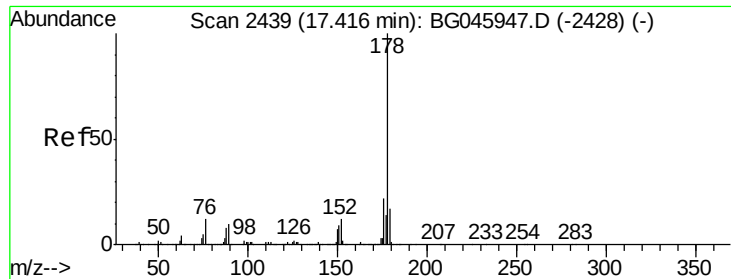


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 0.005 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

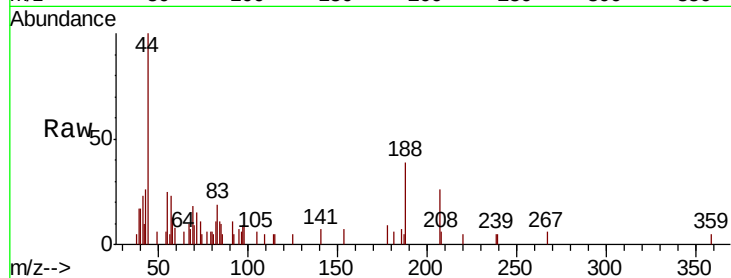
Tot Ion:178 Resp: 256

Ion Ratio Lower Upper

178 100

176 0.0 17.4 26.2#

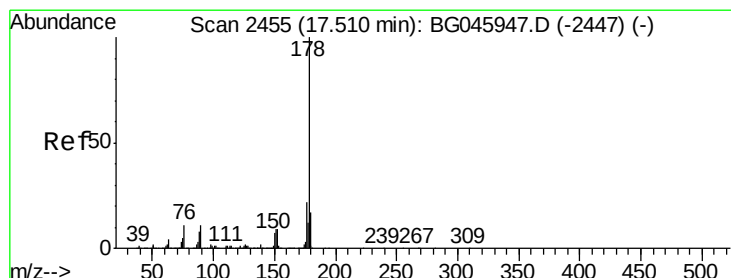
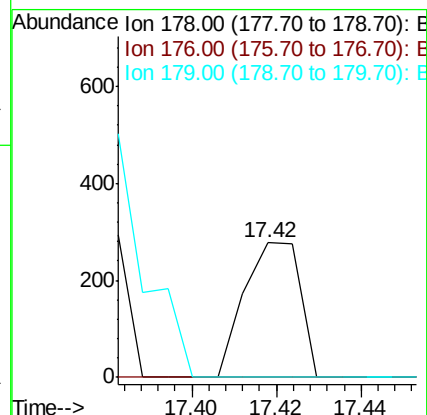
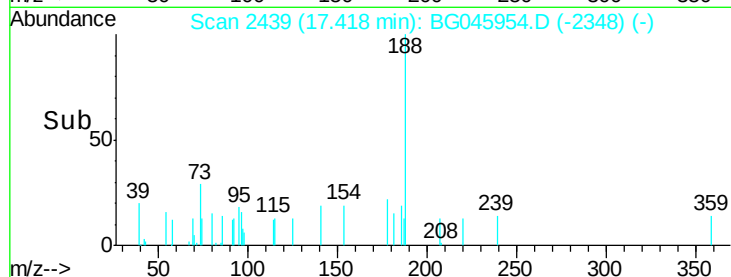
179 0.0 13.4 20.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.002 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

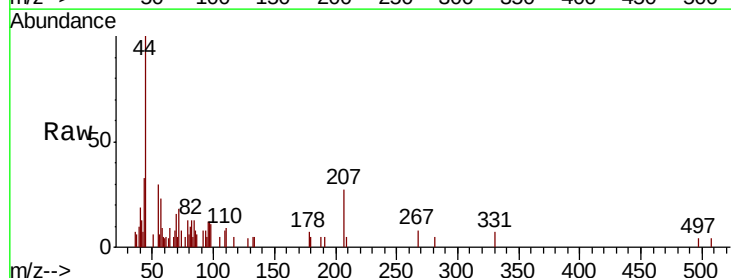
Tgt Ion:178 Resp: 86

Ion Ratio Lower Upper

178 100

176 0.0 17.2 25.8#

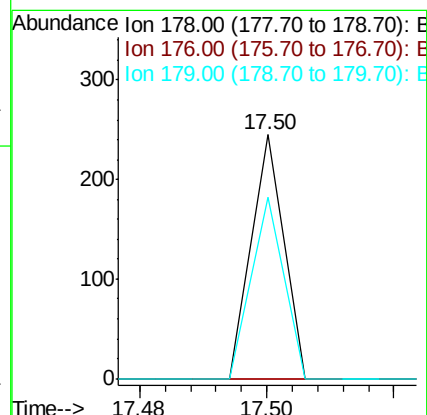
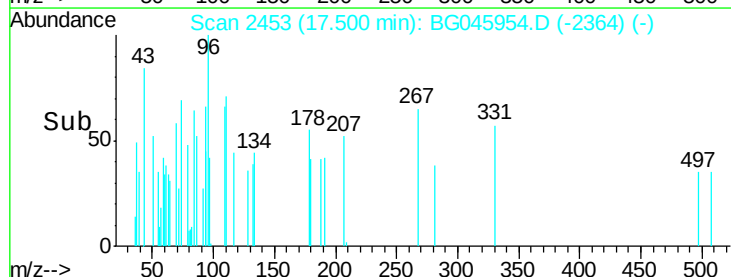
179 74.3 14.0 21.0#

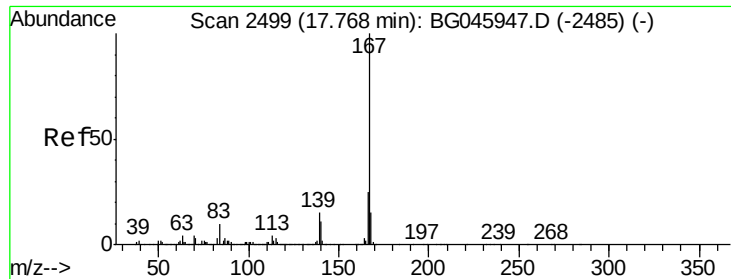


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

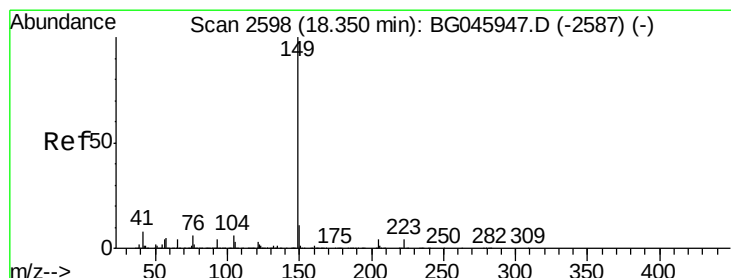
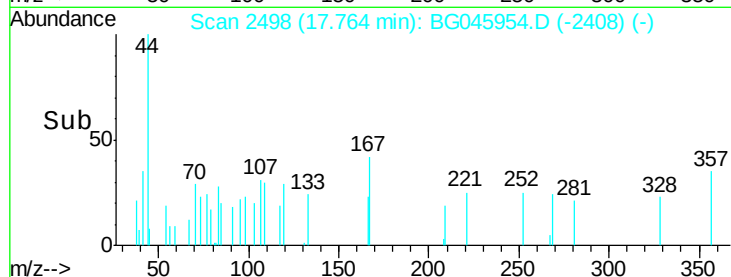
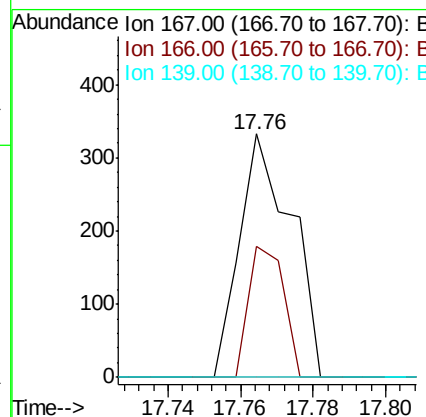
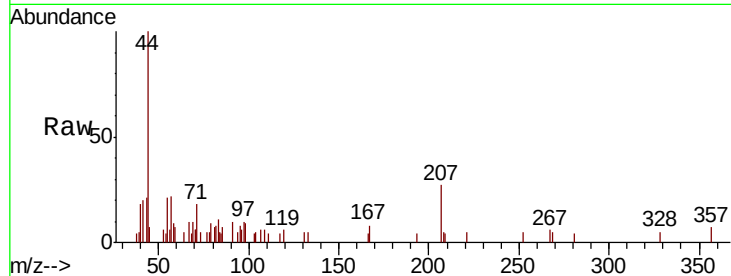




#73
 Carbazole
 Concen: 0.006 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

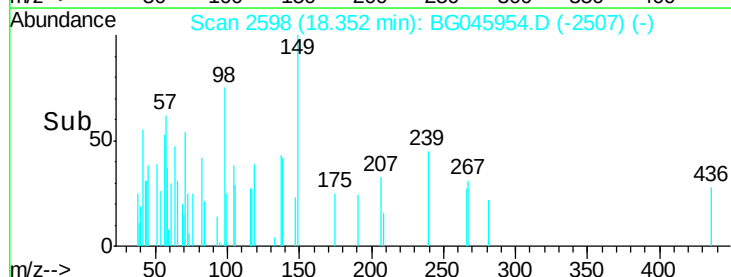
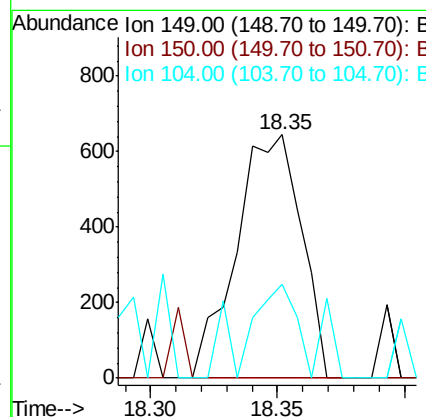
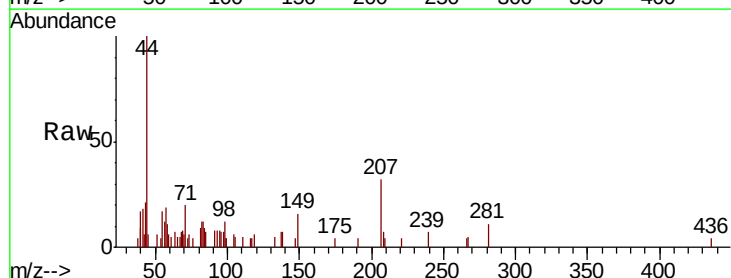
Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

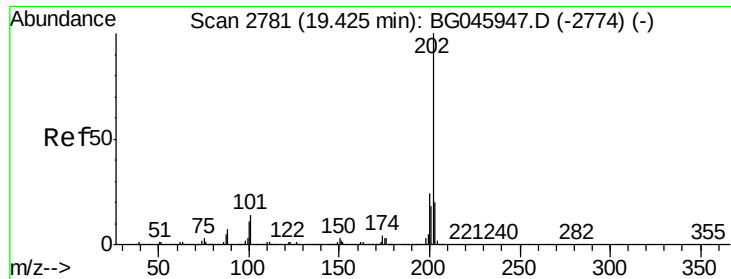
Tot Ion	Ratio	Lower	Upper
167	100		
166	53.8	20.4	30.6#
139	0.0	11.8	17.8#



#74
 Di-n-butylphthalate
 Concen: 0.017 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	9.0	13.4#
104	38.4	5.2	7.8#





#75

Fluoranthene

Concen: 0.002 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

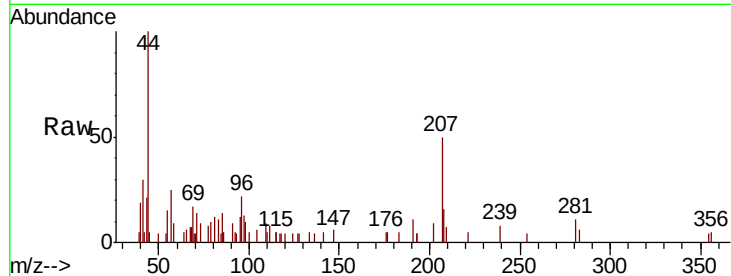
Tot Ion:202 Resp: 129

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.8

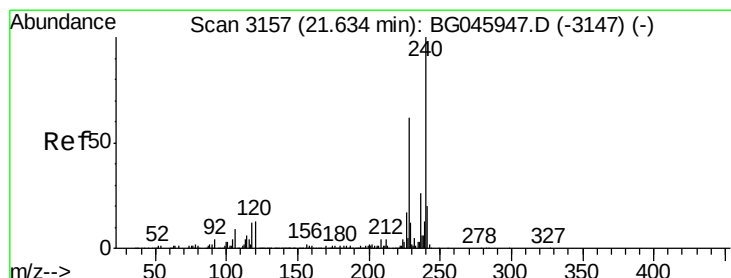
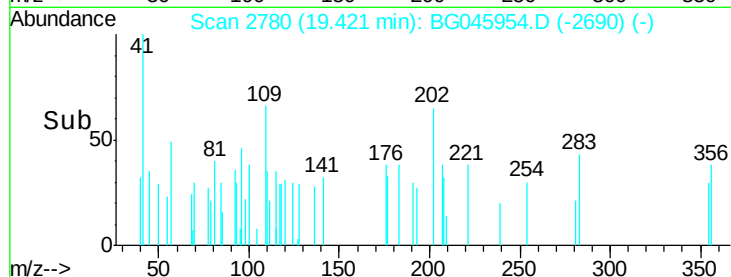
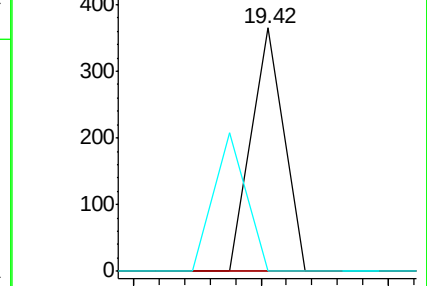
203 0.0 0.4 40.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

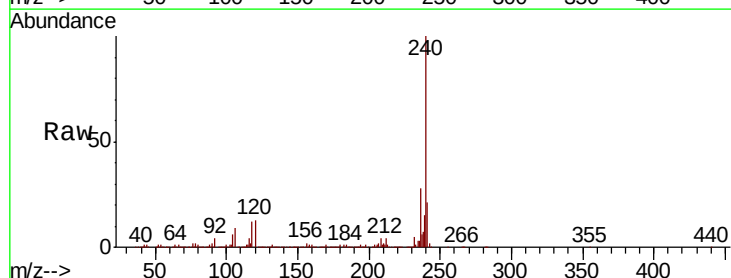
Tgt Ion:240 Resp: 997788

Ion Ratio Lower Upper

240 100

120 12.7 10.6 16.0

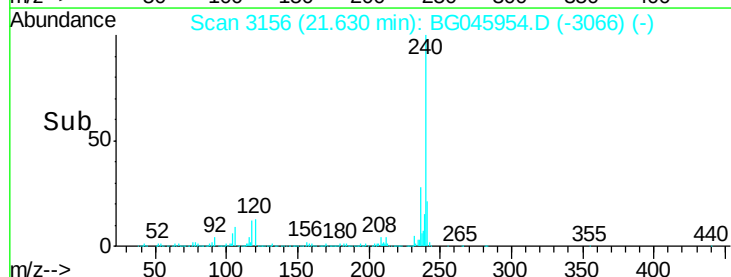
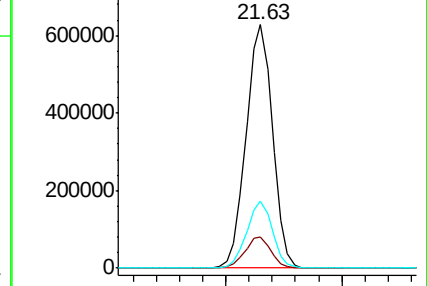
236 27.5 20.4 30.6

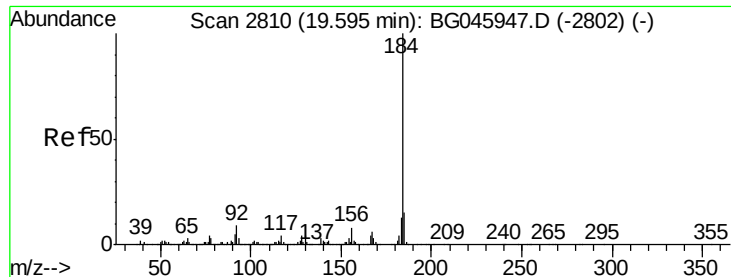


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.680 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.40 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

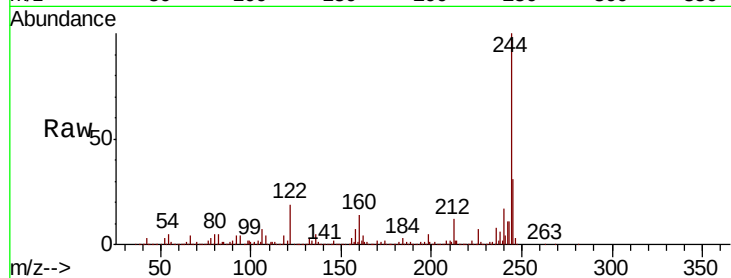
Tot Ion:184 Resp: 76463

Ion Ratio Lower Upper

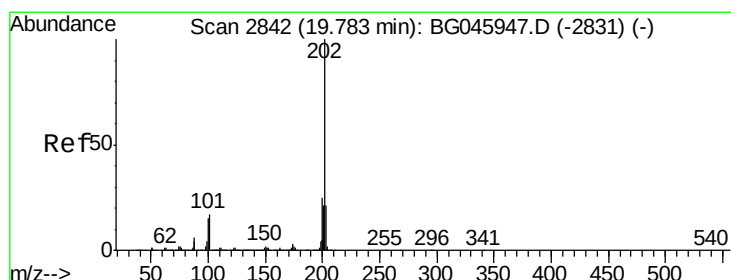
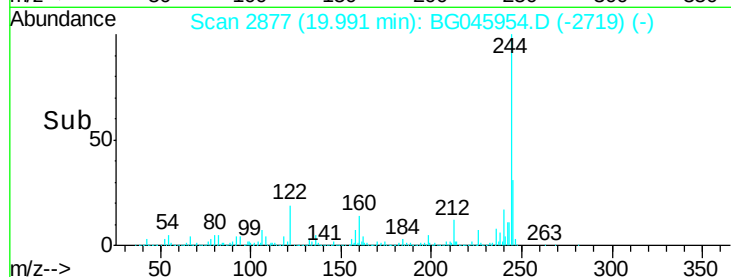
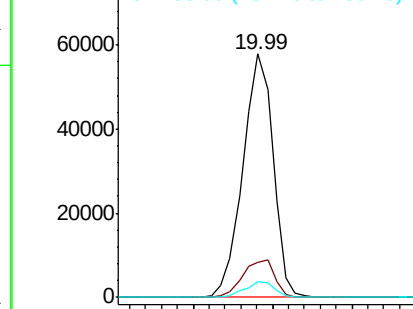
184 100

185 14.2 11.6 17.4

183 6.7 10.4 15.6#



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



#78

Pyrene

Concen: 0.244 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.21 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

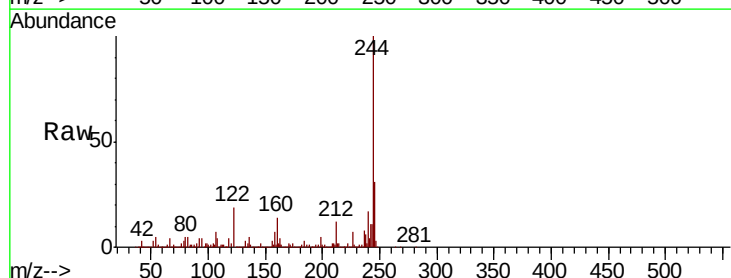
Tgt Ion:202 Resp: 16645

Ion Ratio Lower Upper

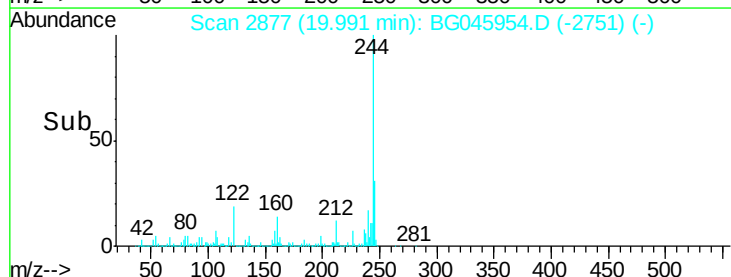
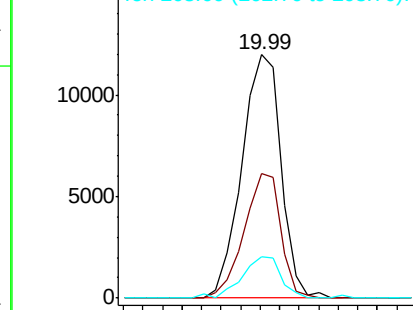
202 100

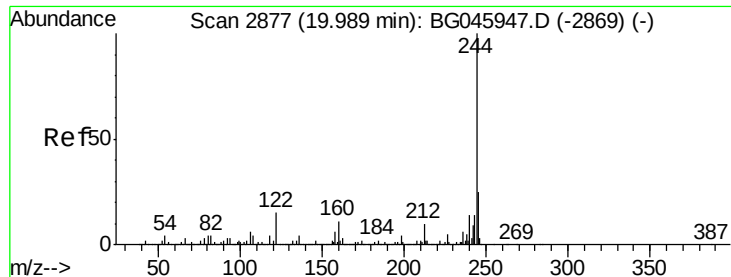
200 51.4 20.1 30.1#

203 17.0 16.5 24.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.805 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

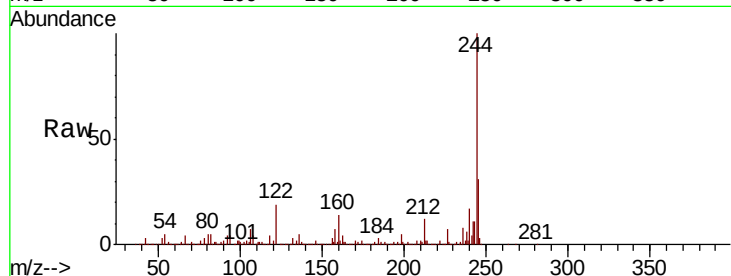
Tot Ion:244 Resp: 3219329

Ion Ratio Lower Upper

244 100

212 12.4 8.3 12.5

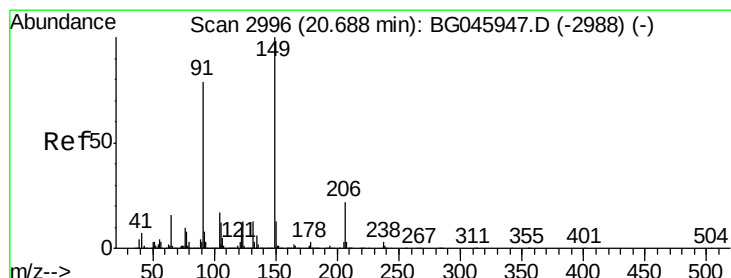
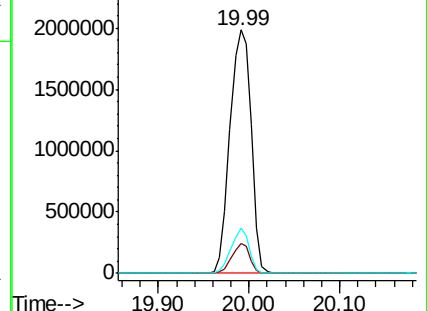
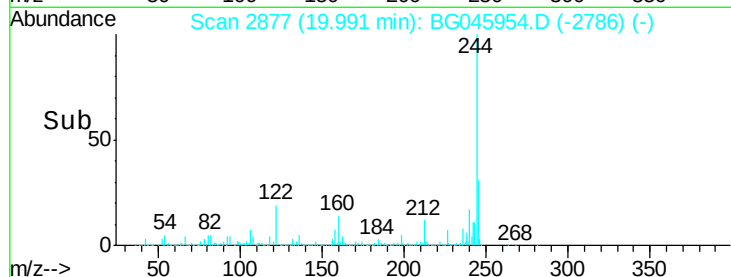
122 18.6 12.1 18.1#



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



#80

Butylbenzylphthalate

Concen: 0.010 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

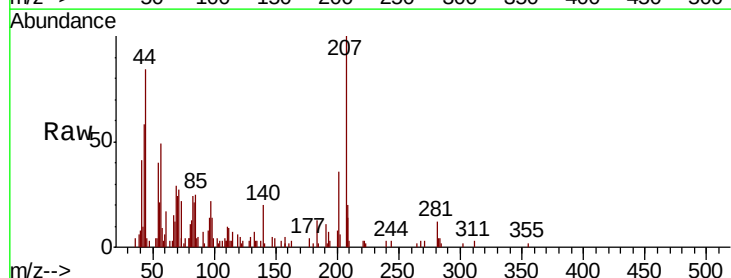
Tgt Ion:149 Resp: 314

Ion Ratio Lower Upper

149 100

91 178.7 63.1 94.7#

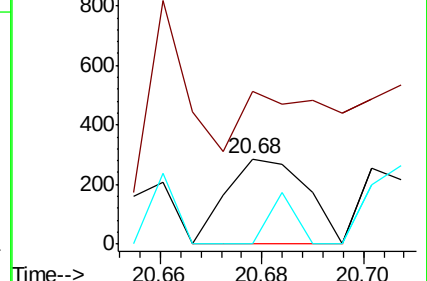
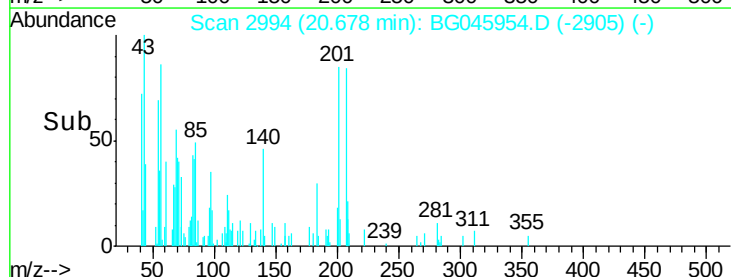
206 0.0 17.4 26.0#

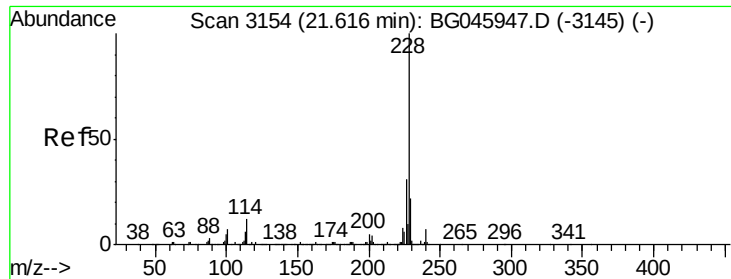


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

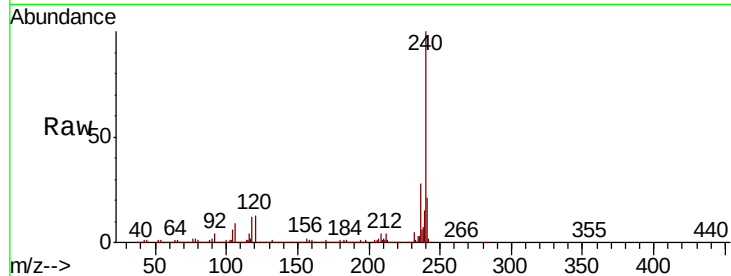




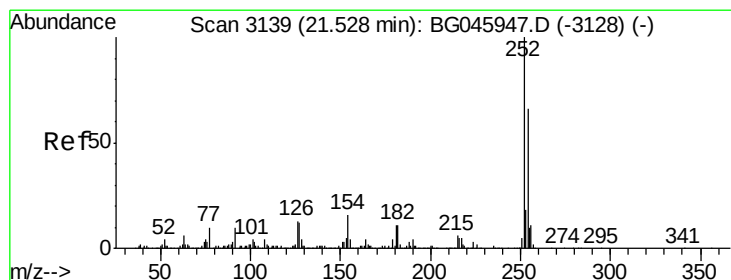
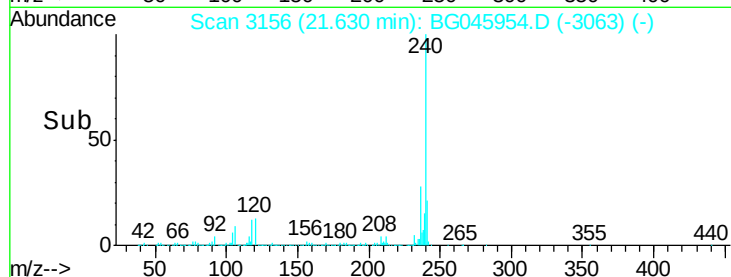
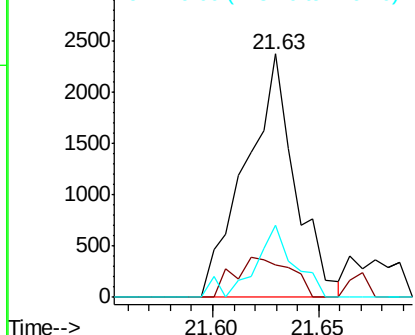
#81
Benzo(a)anthracene
Concen: 0.059 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampleId :
PB129891BL

Tot Ion:228 Resp: 3848
Ion Ratio Lower Upper
228 100
226 13.2 24.8 37.2#
229 29.6 17.8 26.8#

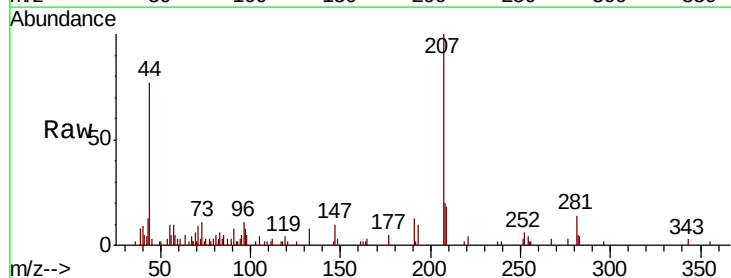


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

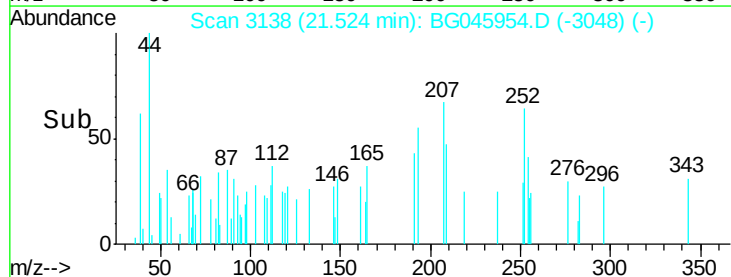
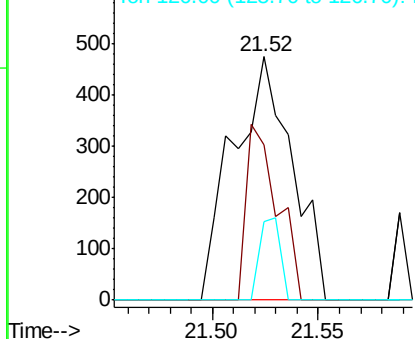


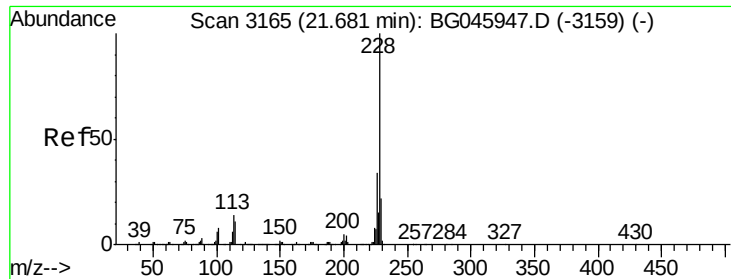
#82
3,3'-Dichlorobenzidine
Concen: 0.038 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt Ion:252 Resp: 922
Ion Ratio Lower Upper
252 100
254 63.9 52.9 79.3
126 32.3 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

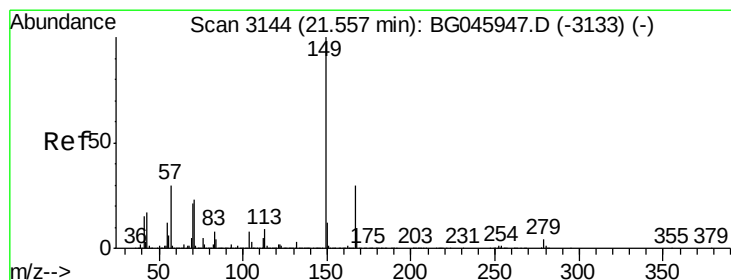
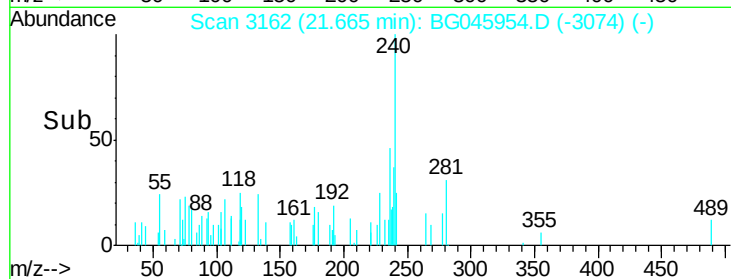
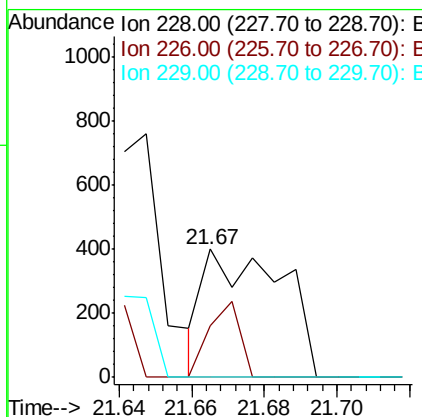
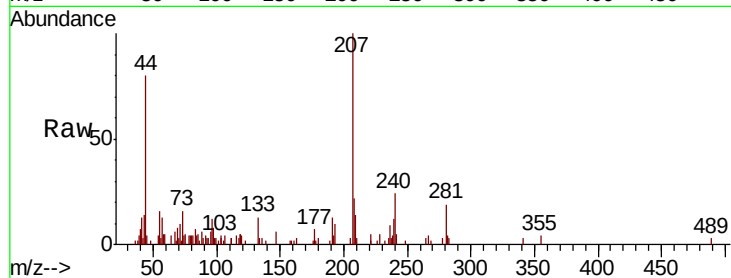




#83
 Chrysene
 Concen: 0.010 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

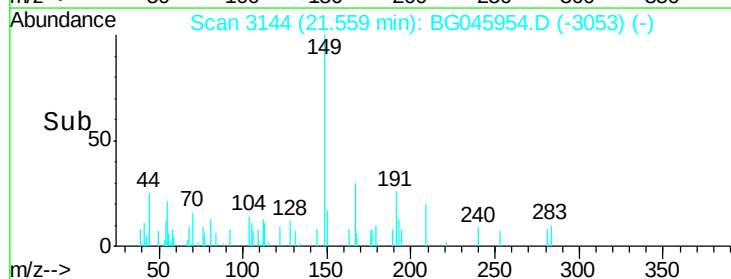
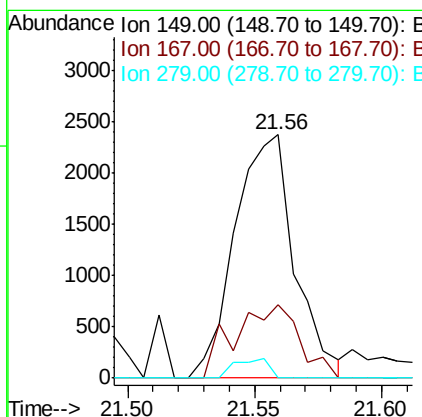
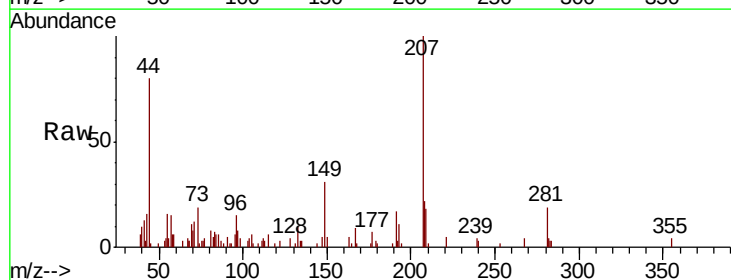
Instrument :
 BNA_G
 ClientSampled :
 PB129891BL

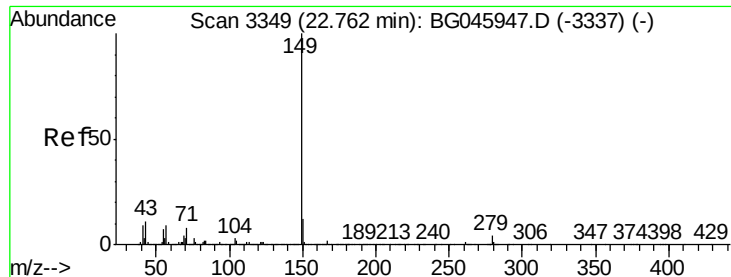
Tot Ion:228 Resp: 594
 Ion Ratio Lower Upper
 228 100
 226 40.5 26.7 40.1#
 229 0.0 17.3 25.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

Tgt Ion:149 Resp: 3889
 Ion Ratio Lower Upper
 149 100
 167 30.1 23.8 35.8
 279 0.0 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 0.055 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

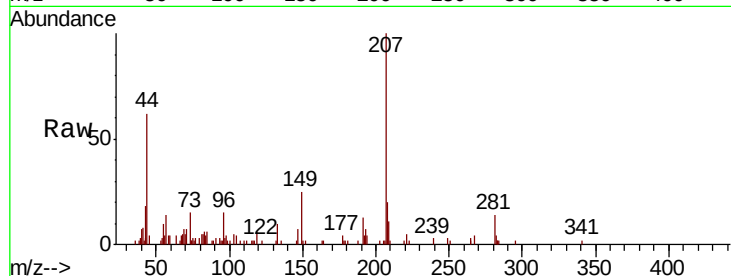
Tot Ion:149 Resp: 4452

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

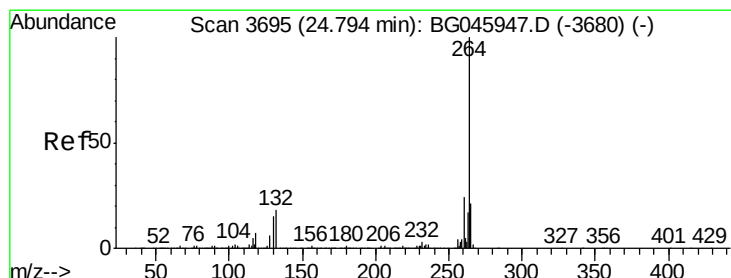
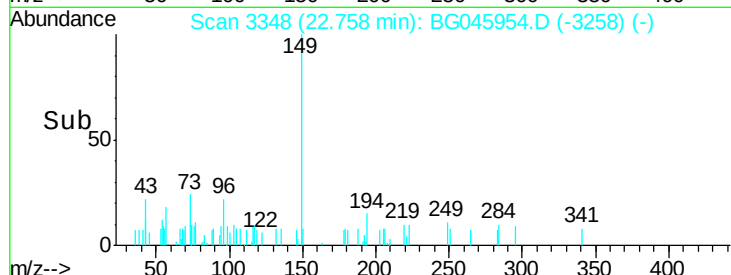
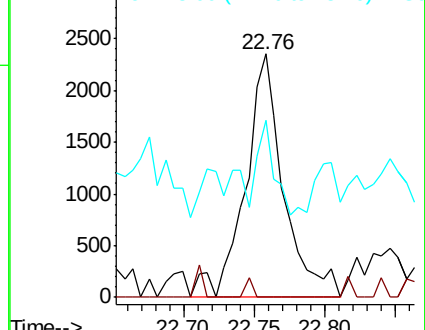
43 0.0 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

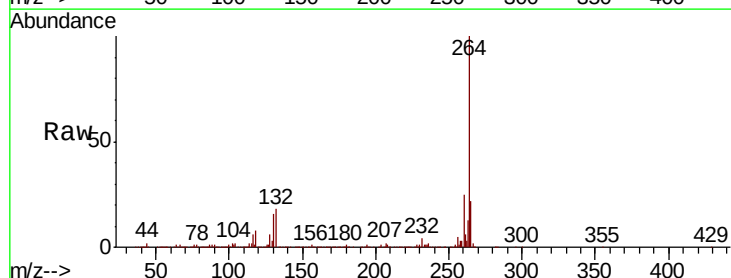
Tgt Ion:264 Resp: 1042461

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

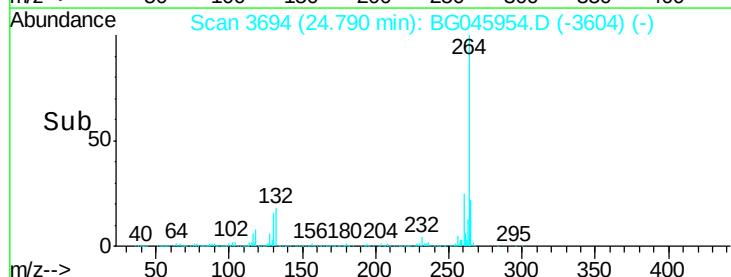
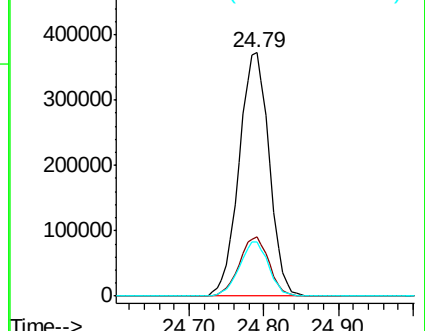
265 22.3 16.9 25.3

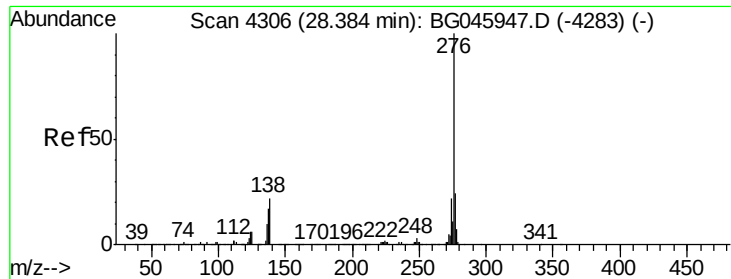


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

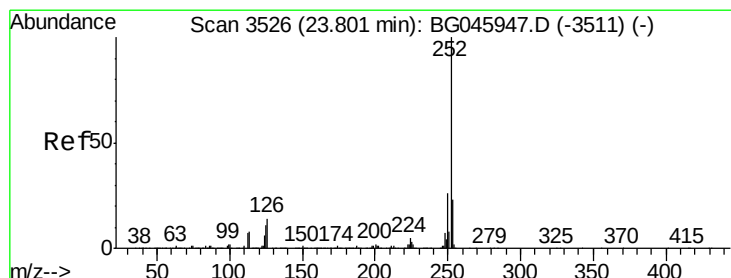
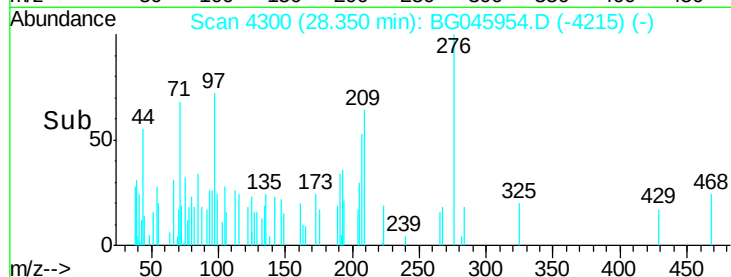
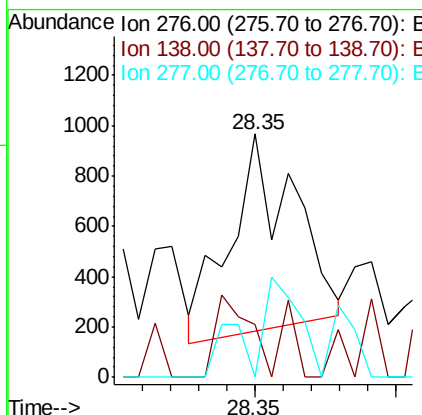
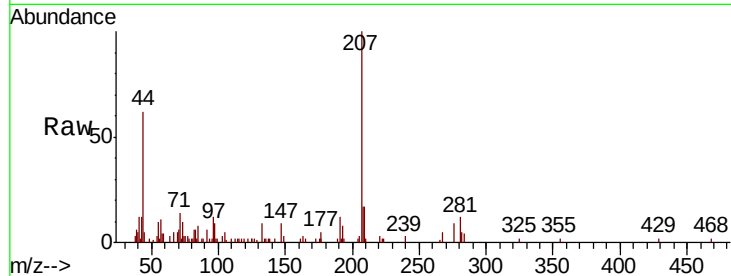




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 0.016 ng
 RT: 28.35 min Scan# 4300
 Delta R.T. -0.03 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

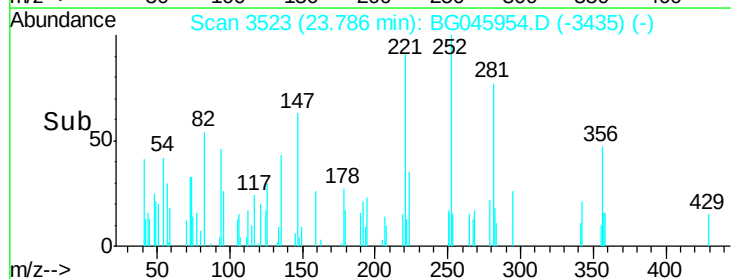
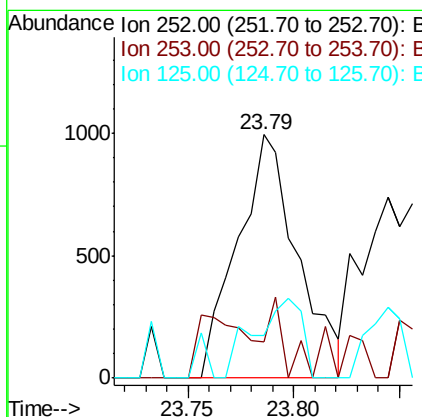
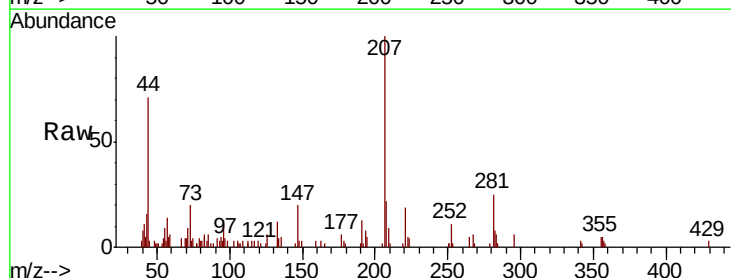
Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

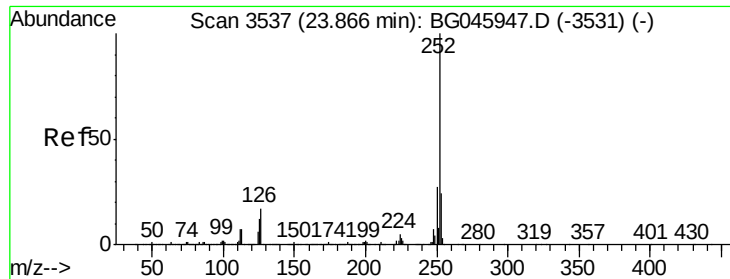
Tot Ion:276 Resp: 1230
 Ion Ratio Lower Upper
 276 100
 138 22.3 16.4 24.6
 277 38.6 20.6 31.0#



#88
 Benzo(b)fluoranthene
 Concen: 0.030 ng
 RT: 23.79 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

Tgt Ion:252 Resp: 1966
 Ion Ratio Lower Upper
 252 100
 253 15.1 18.5 27.7#
 125 17.3 9.2 13.8#





#89

Benzo(k)fluoranthene

Concen: 0.034 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

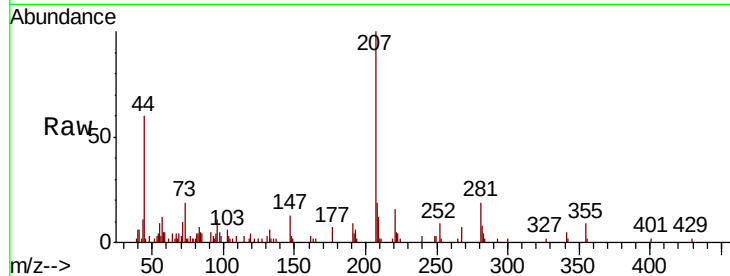
Tot Ion:252 Resp: 2127

Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

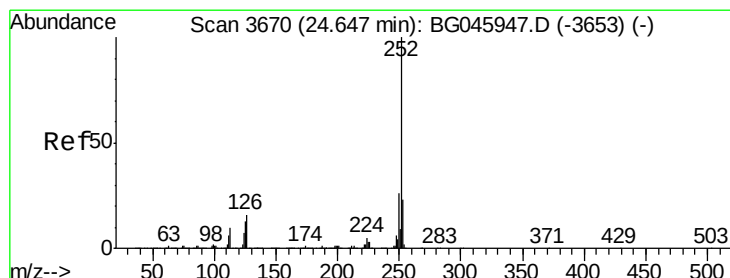
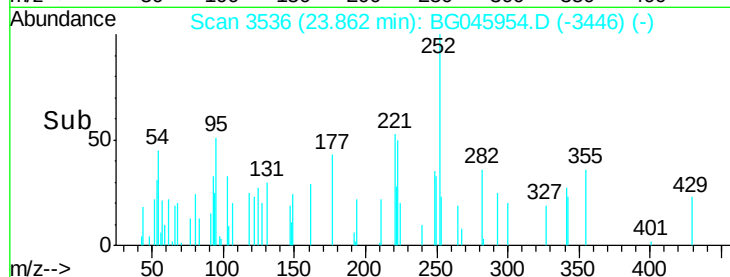
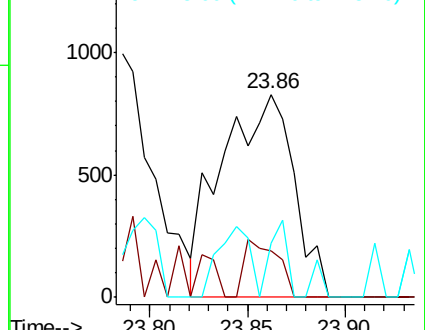
125 26.5 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.038 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

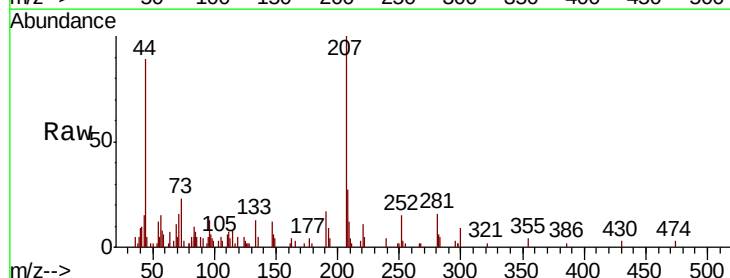
Tgt Ion:252 Resp: 2359

Ion Ratio Lower Upper

252 100

253 19.8 18.6 28.0

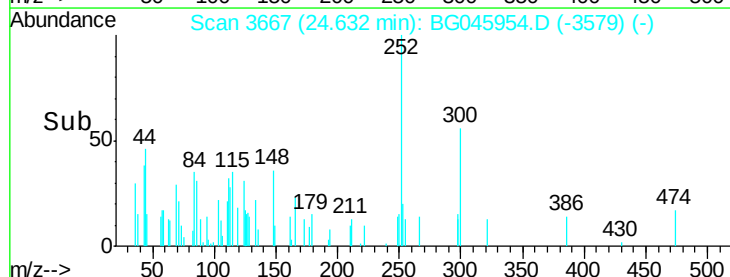
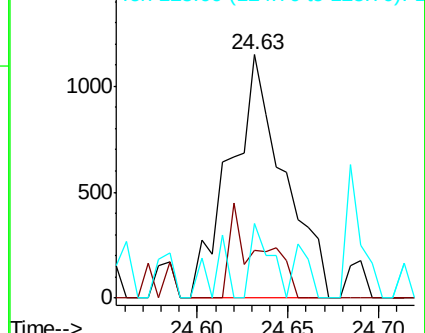
125 30.7 10.5 15.7#

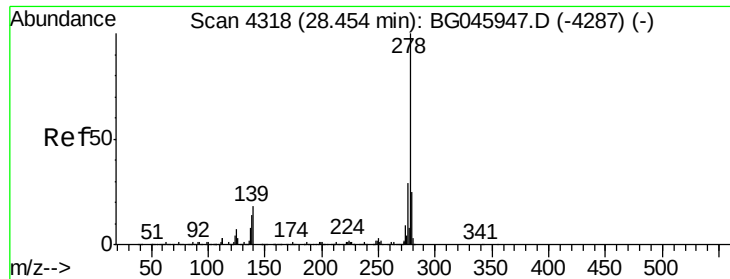


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.47 min Scan# 4320

Delta R.T. 0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

Instrument :

BNA_G

ClientSampleId :

PB129891BL

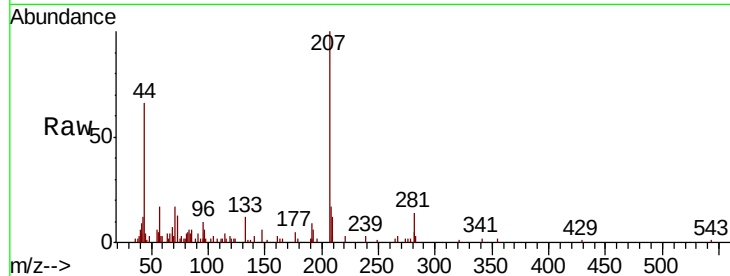
Tot Ion:278 Resp: 176

Ion Ratio Lower Upper

278 100

139 0.0 14.3 21.5#

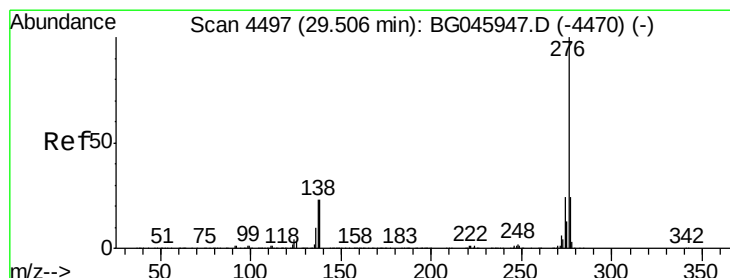
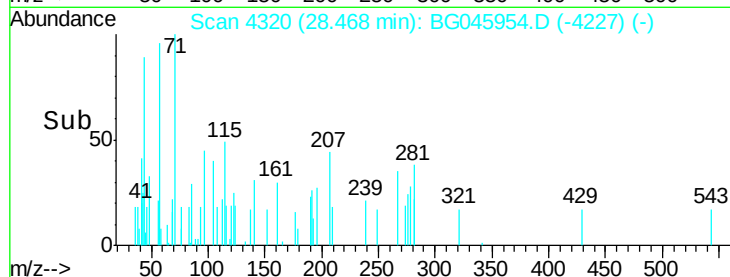
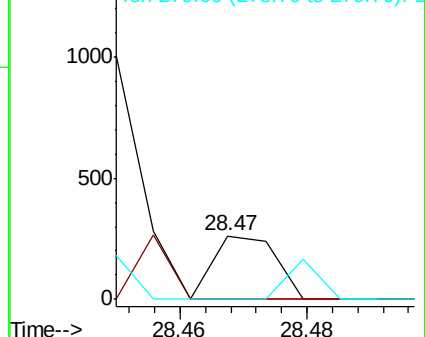
279 0.0 19.8 29.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.029 ng

RT: 29.47 min Scan# 4491

Delta R.T. -0.03 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

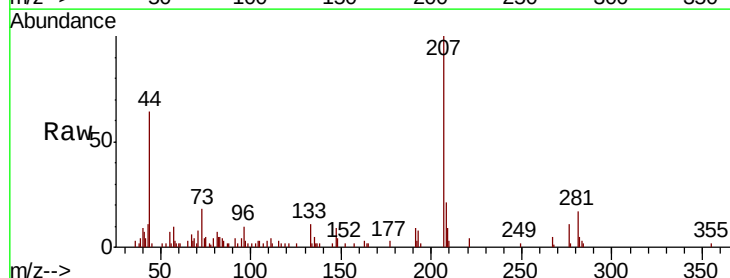
Tgt Ion:276 Resp: 1809

Ion Ratio Lower Upper

276 100

277 13.8 19.4 29.0#

138 13.7 18.6 28.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

