

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 11:35:01 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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
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
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
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

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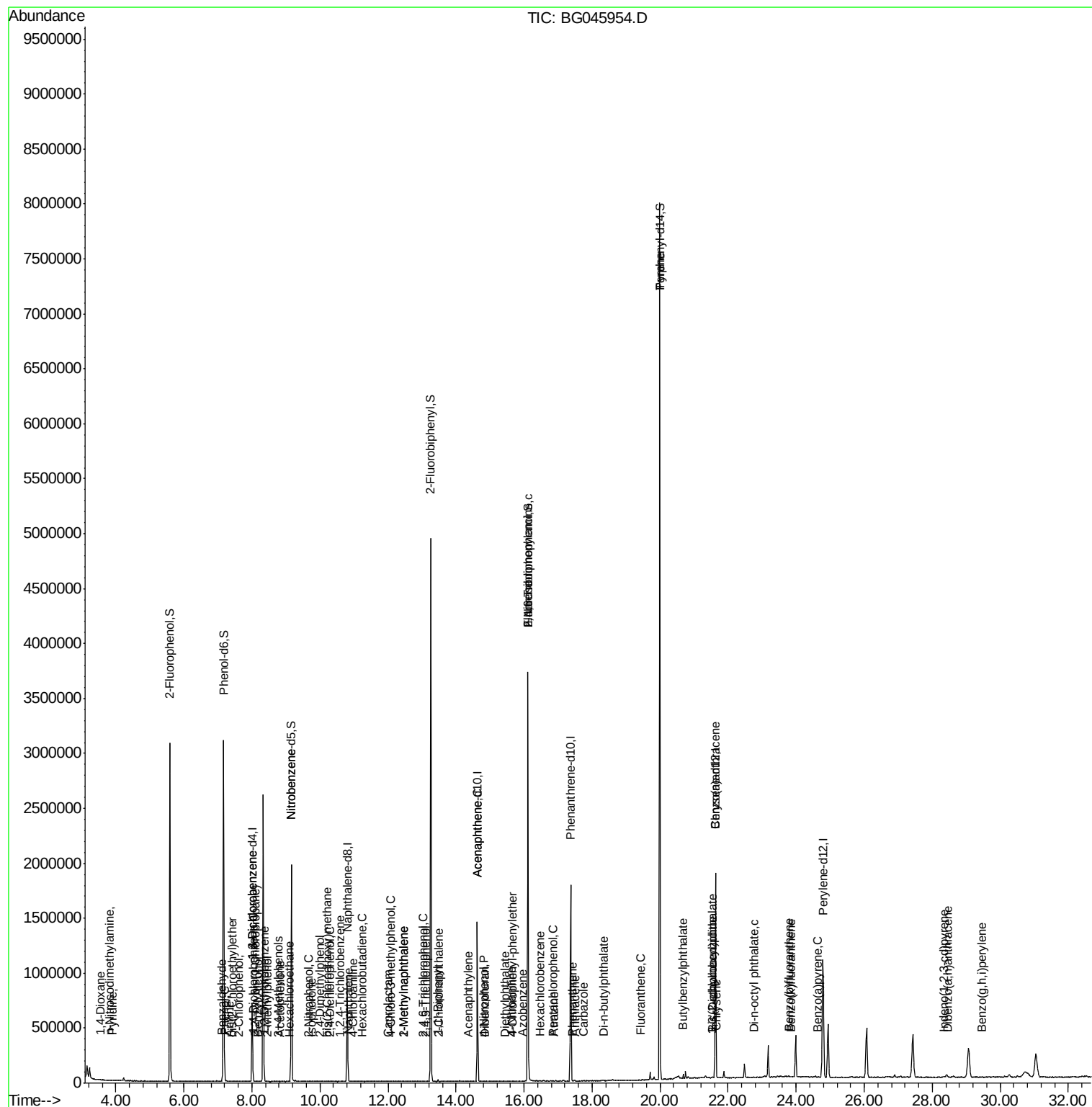
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.50	162	69	0.002	nq	# 37
49) Acenaphthylene	14.35	152	184	0.004	nq	# 63
52) Acenaphthene	14.63	154	1941	0.064	nq	# 4
55) Dibenzofuran	14.85	168	73	0.002	nq	# 43
56) 4-Nitrophenol	14.81	139	54	0.009	nq	# 18
58) Fluorene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

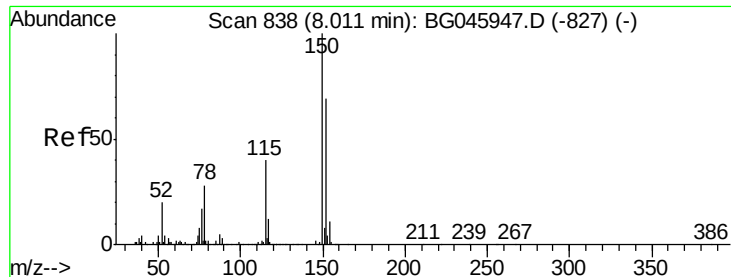
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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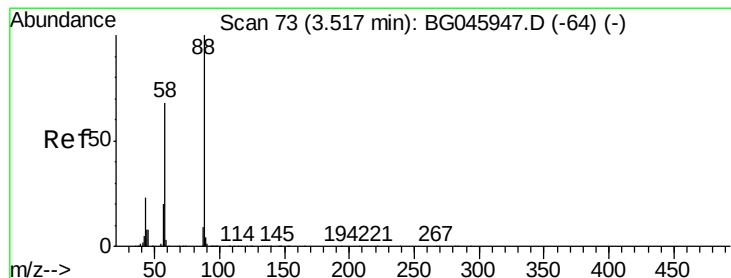
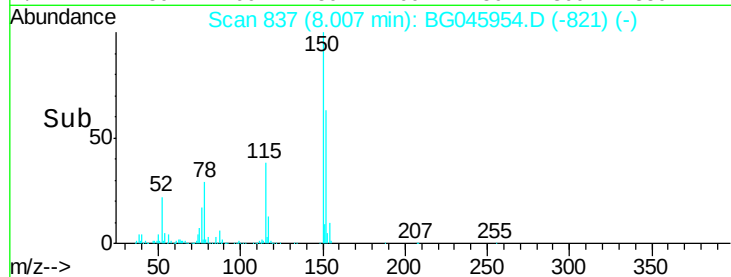
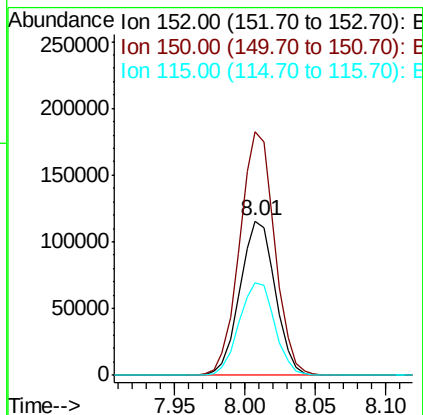
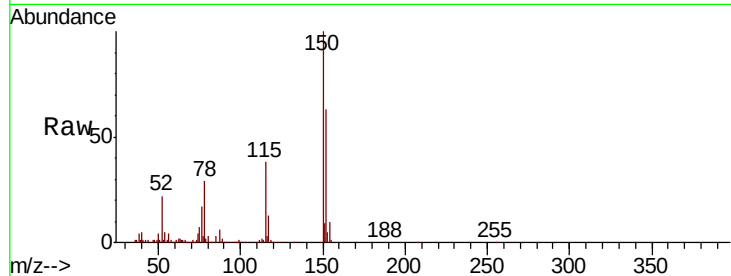


#1

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

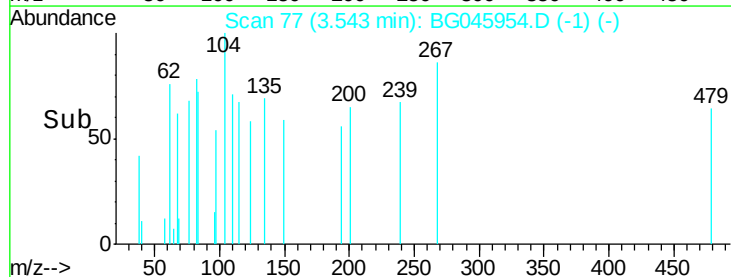
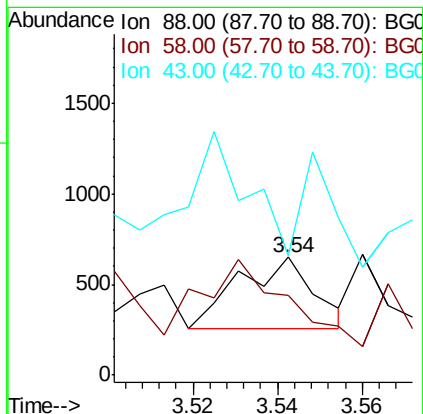
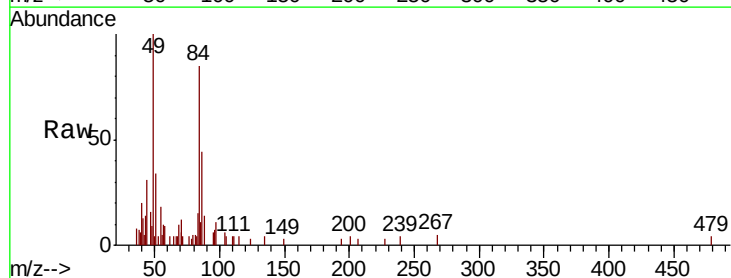
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	116.7	175.1
115	60.2	47.4	71.0

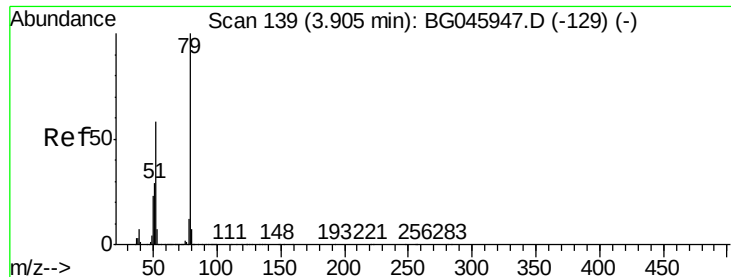


#2

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

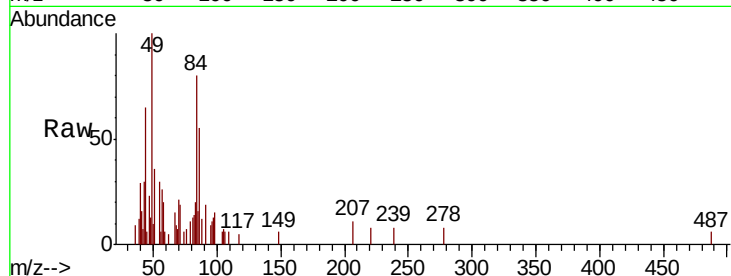
Tot Ion: 79 Resp: 389

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

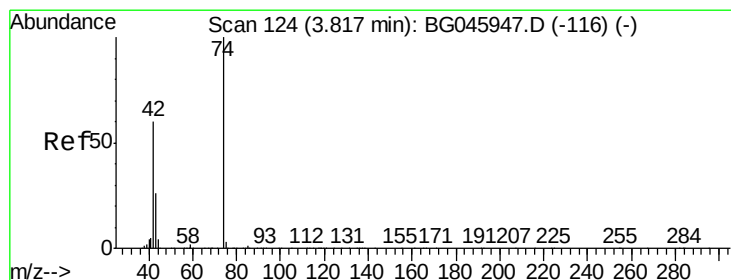
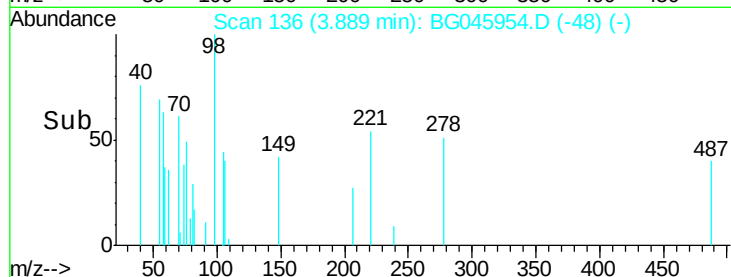
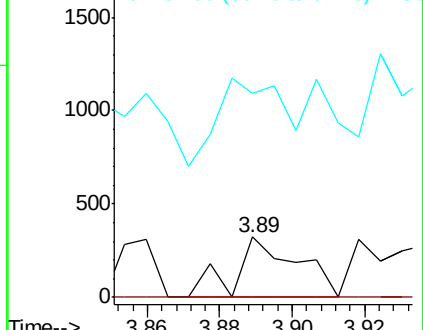
51 336.4 23.5 35.3#



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

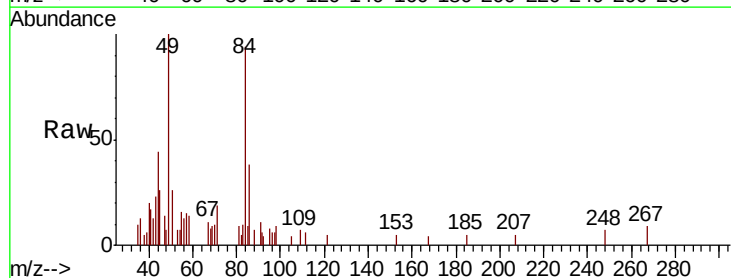
Tgt Ion: 42 Resp: 985

Ion Ratio Lower Upper

42 100

74 0.0 131.9 197.9#

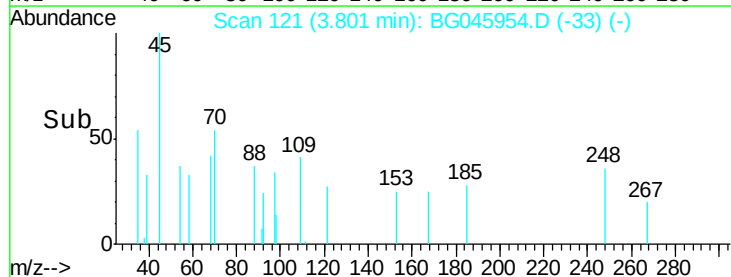
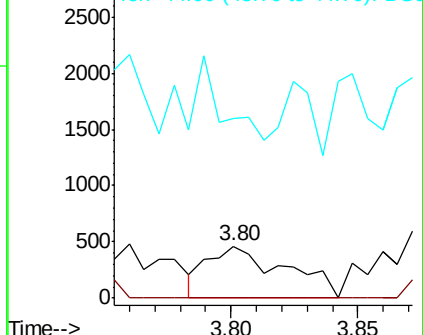
44 344.5 7.7 11.5#

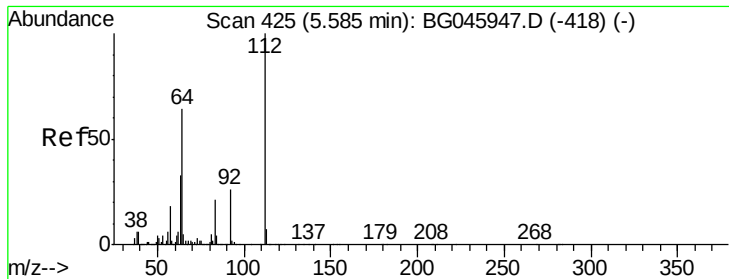


Abundance Ion 42.00 (41.70 to 42.70): BGC

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 :

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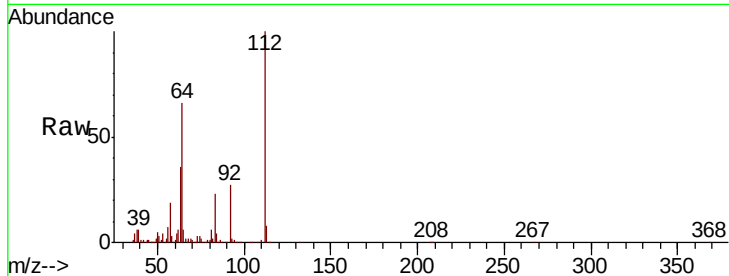
Tot Ion:112 Resp: 1412630

Ion Ratio Lower Upper

112 100

64 65.6 51.4 77.2

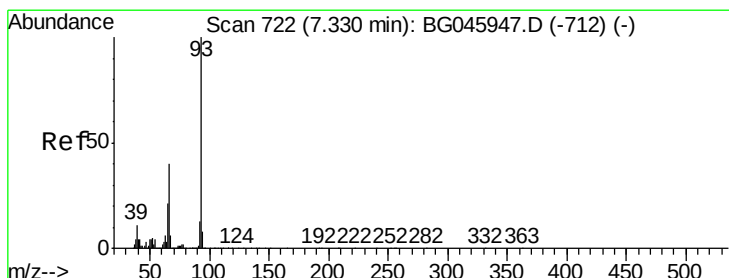
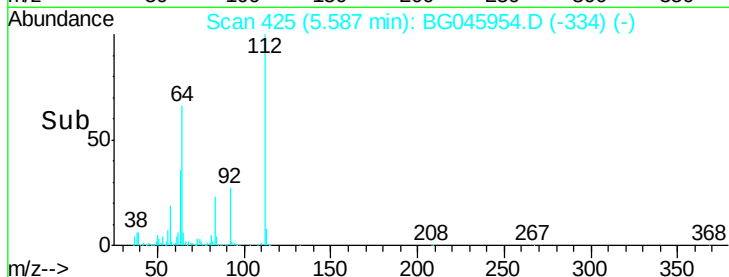
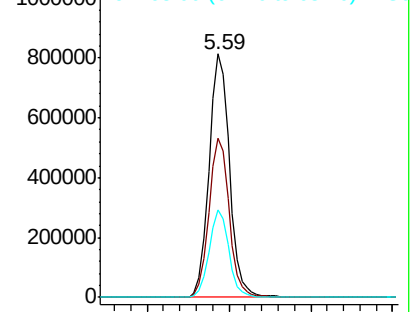
63 36.1 26.6 40.0



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

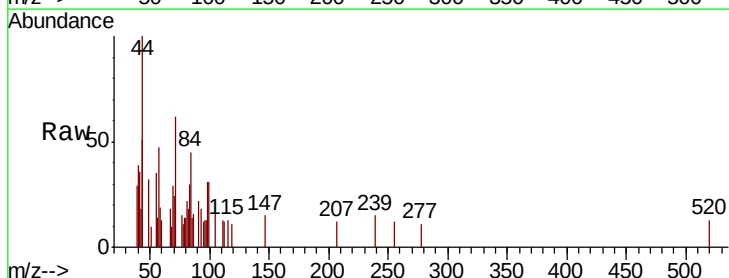
Tgt Ion: 93 Resp: 297

Ion Ratio Lower Upper

93 100

66 0.0 32.3 48.5#

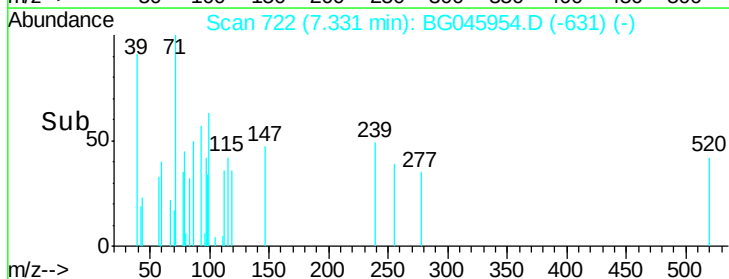
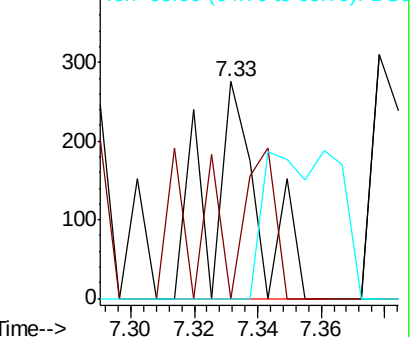
65 0.0 16.6 25.0#

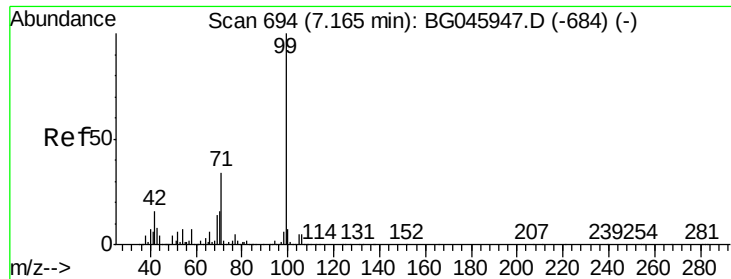


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

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Acq: 7 Jul 2020 9:44

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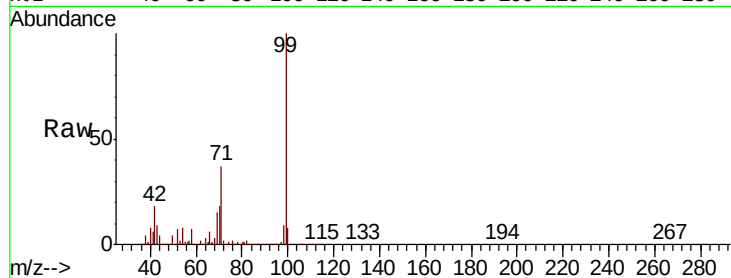
Tot Ion: 99 Resp: 1942160

Ion Ratio Lower Upper

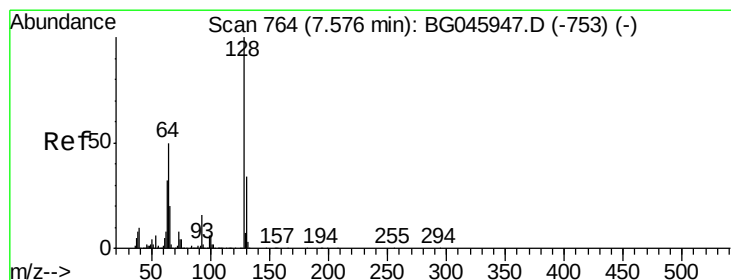
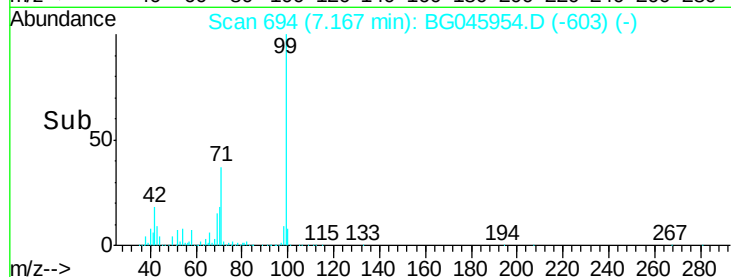
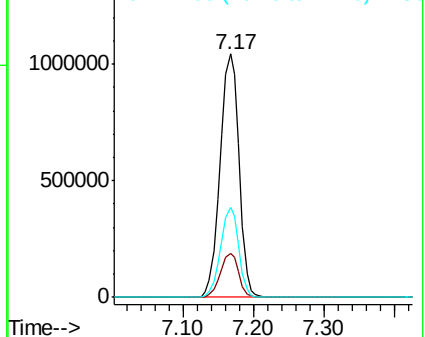
99 100

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

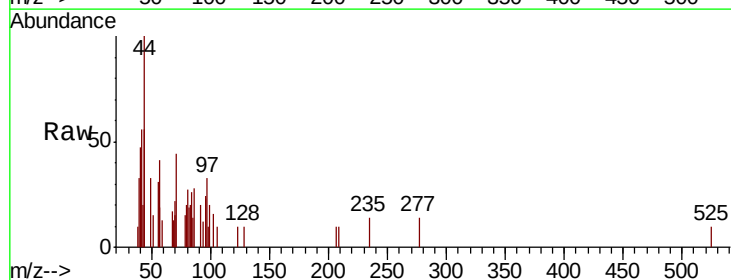
Tgt Ion:128 Resp: 55

Ion Ratio Lower Upper

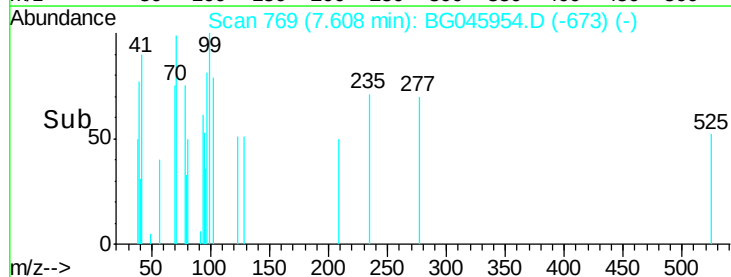
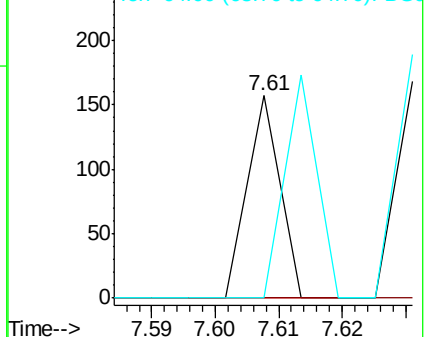
128 100

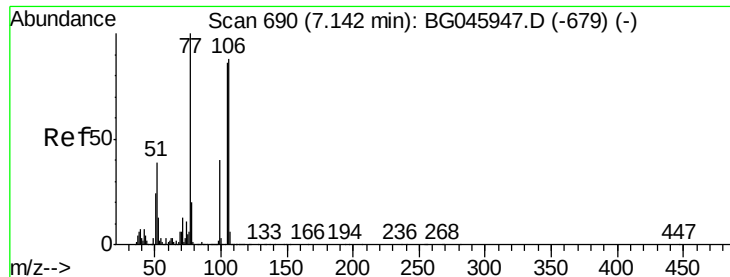
130 0.0 13.6 53.6#

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

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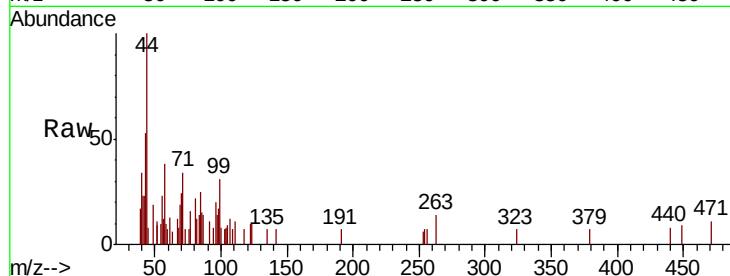
Tot Ion: 77 Resp: 383

Ion Ratio Lower Upper

77 100

105 60.6 66.0 106.0#

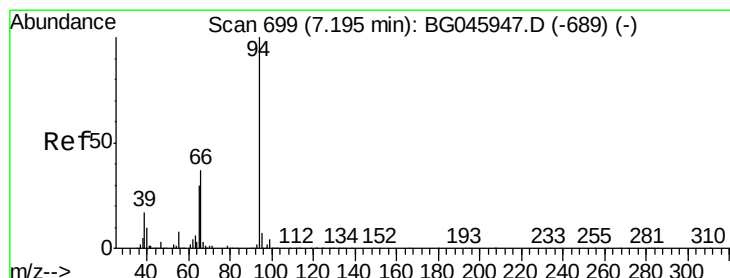
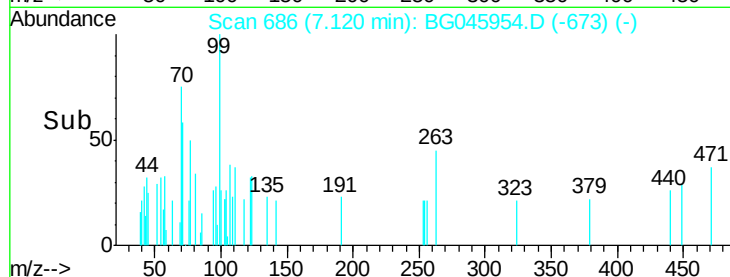
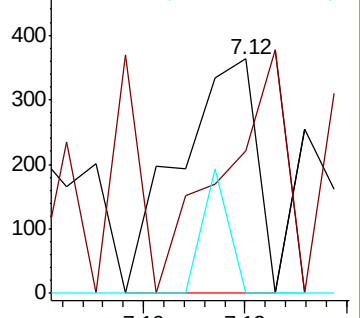
106 0.0 67.7 107.7#



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

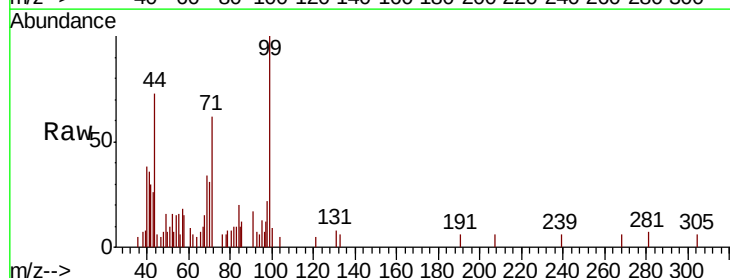
Tgt Ion: 94 Resp: 65

Ion Ratio Lower Upper

94 100

65 0.0 10.6 50.6#

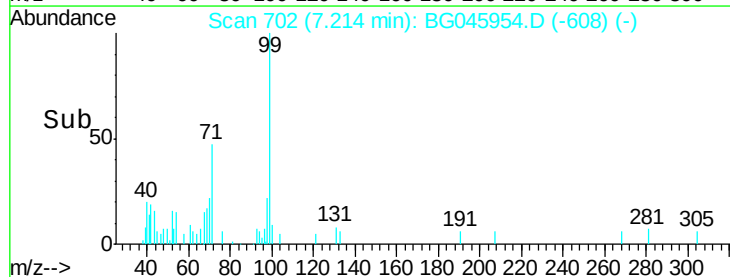
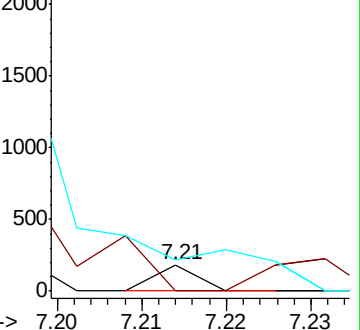
66 120.8 17.1 57.1#

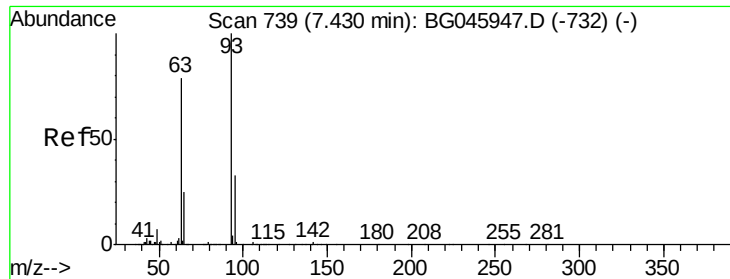


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

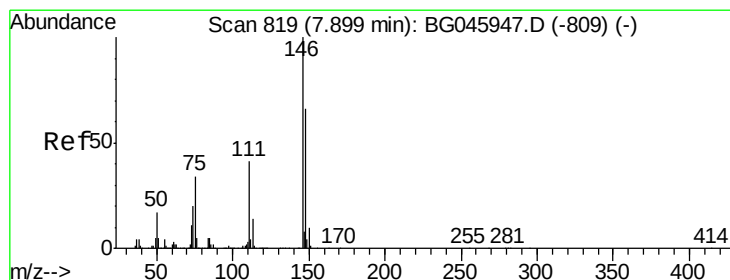
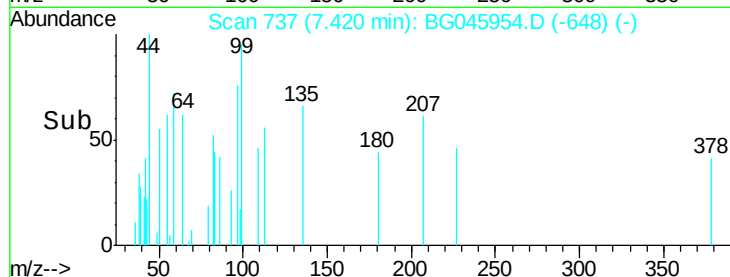
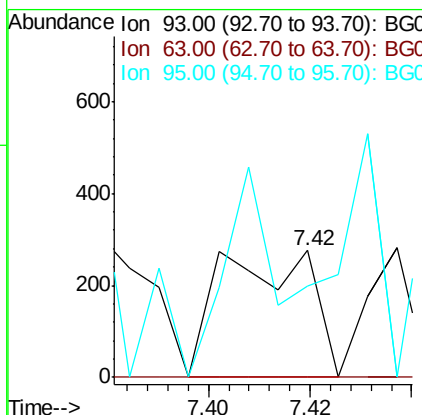
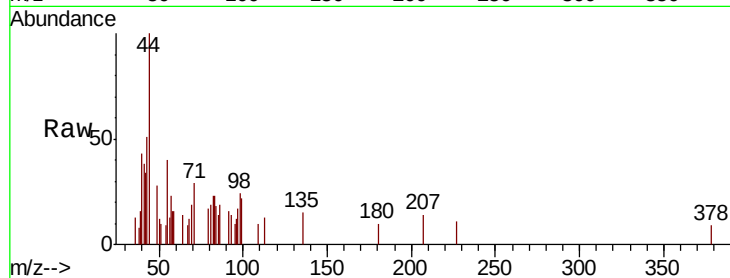




#11
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

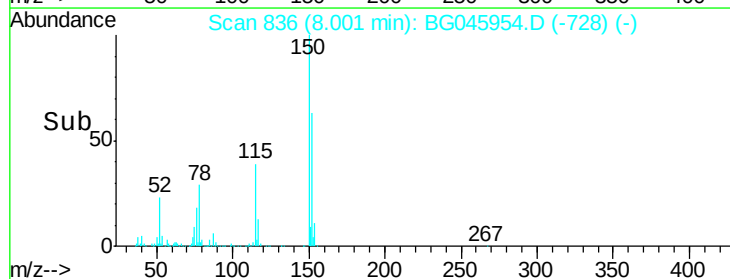
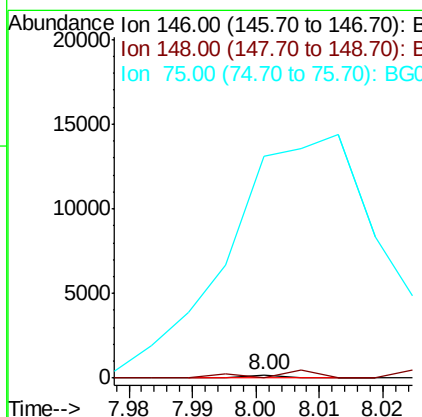
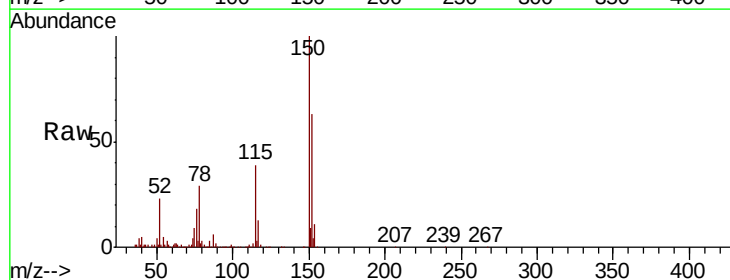
Instrument :
BNA_G
ClientSampleId :
PB129891BL

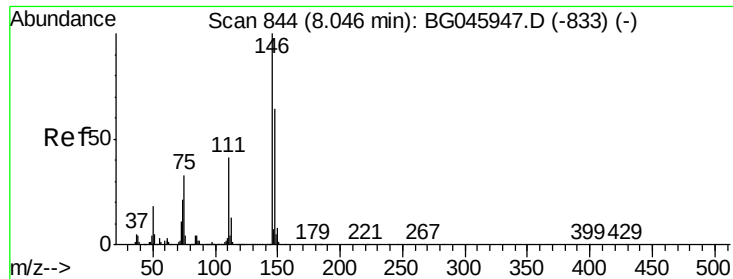
Tot Ion: 93 Resp: 342
Ion Ratio Lower Upper
93 100
63 0.0 58.6 98.6#
95 72.5 13.3 53.3#



#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#

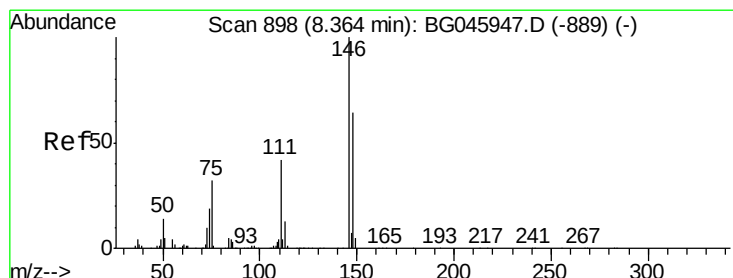
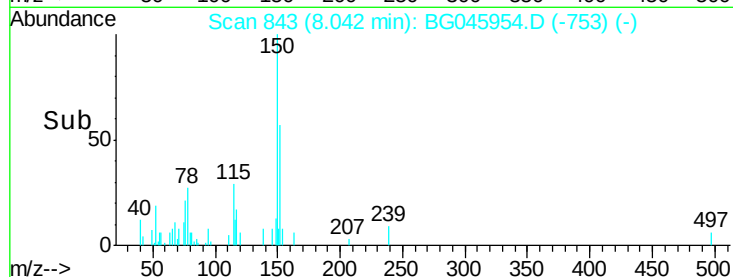
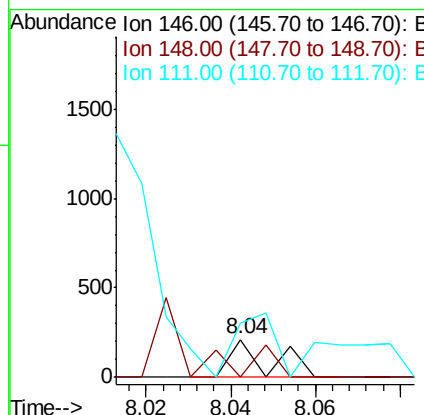
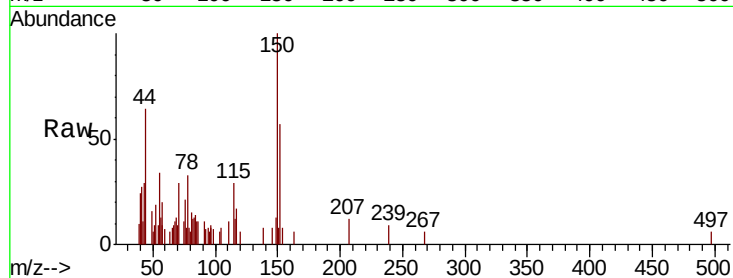




#13
 1,4-Dichlorobenzene
 Concen: 0.009 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

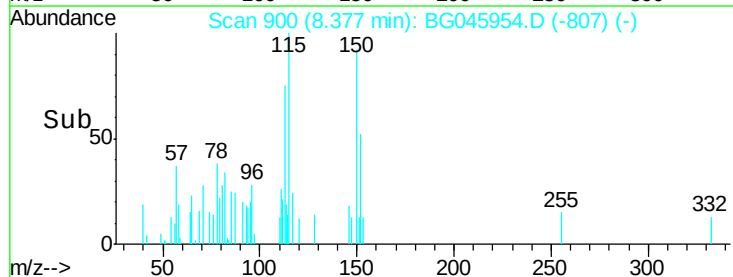
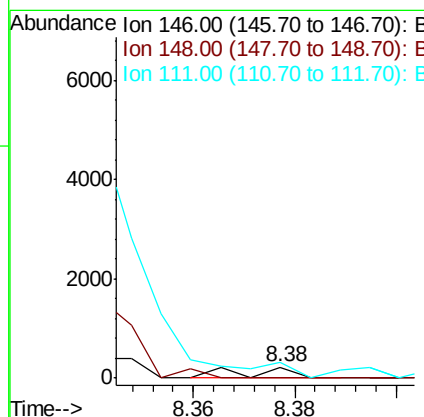
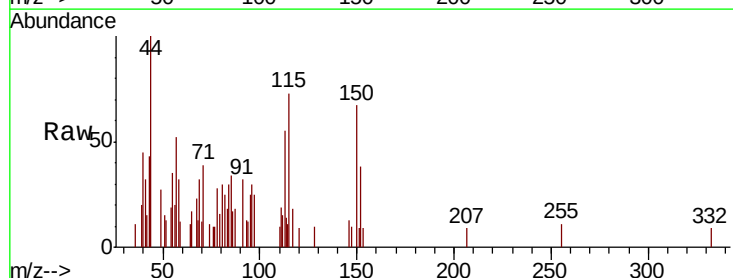
Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

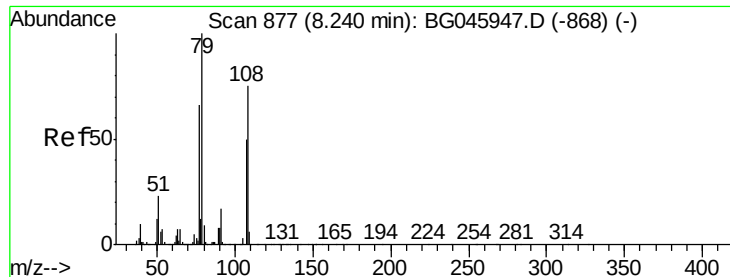
Tot Ion:146 Resp: 137
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.7 77.5#
 111 144.5 33.3 49.9#



#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

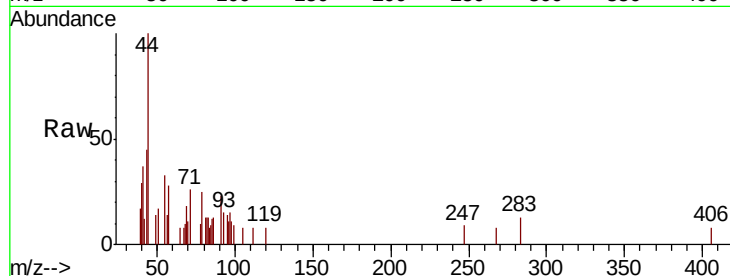
Tot Ion: 79 Resp: 760

Ion Ratio Lower Upper

79 100

108 0.0 60.2 90.4#

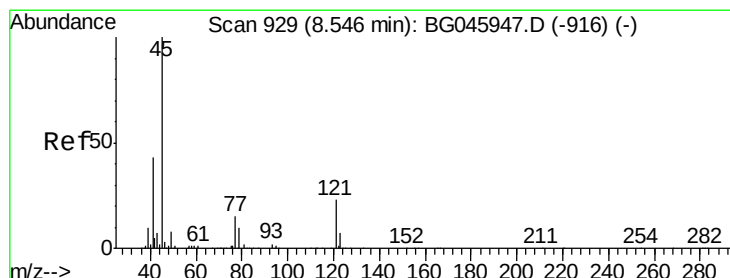
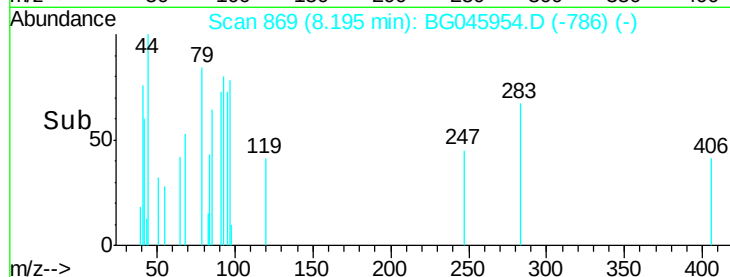
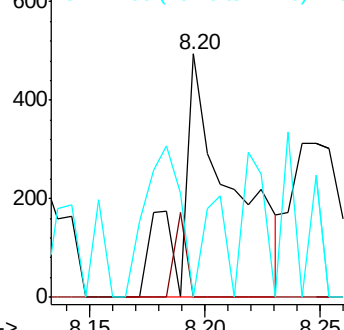
77 0.0 52.9 79.3#



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



#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

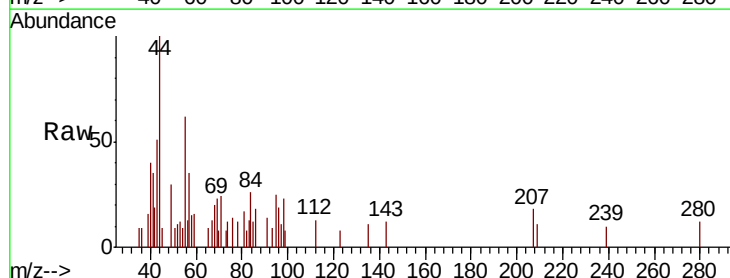
Tgt Ion: 45 Resp: 58

Ion Ratio Lower Upper

45 100

77 0.0 0.0 37.6

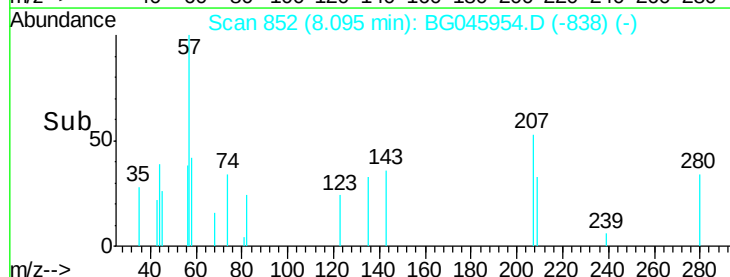
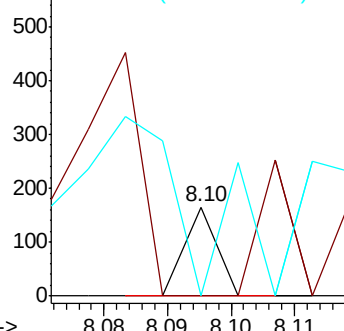
79 0.0 0.0 32.6

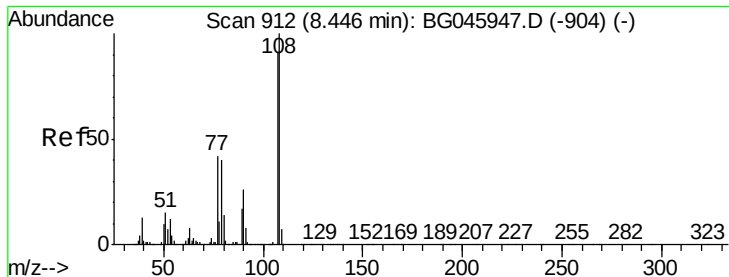


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#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

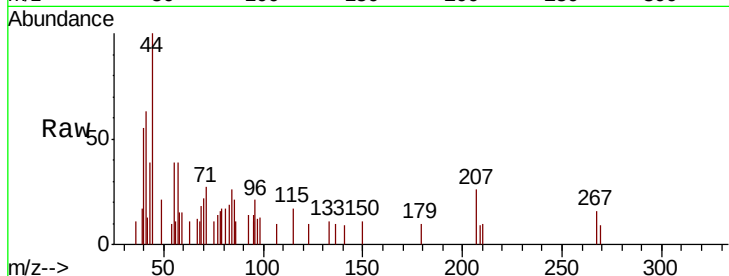
Instrument :

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#

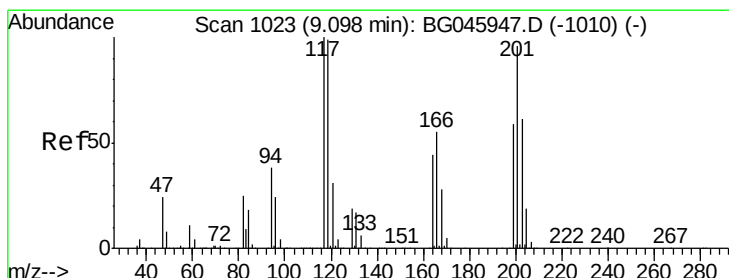
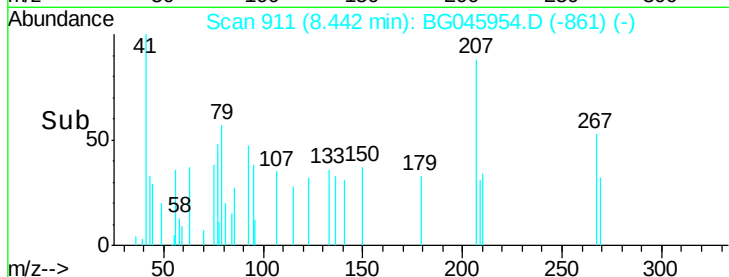
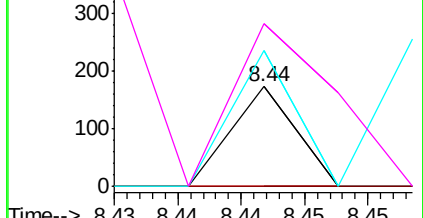


Abundance Ion 107.00 (106.70 to 107.70): E

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

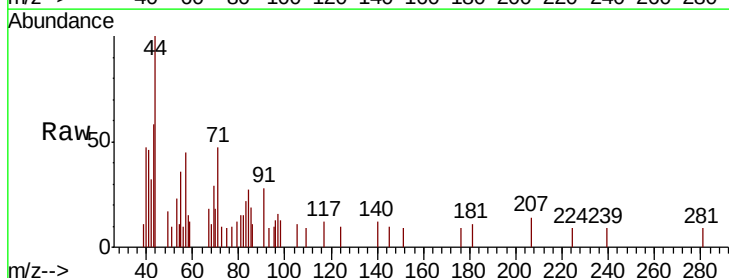
RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

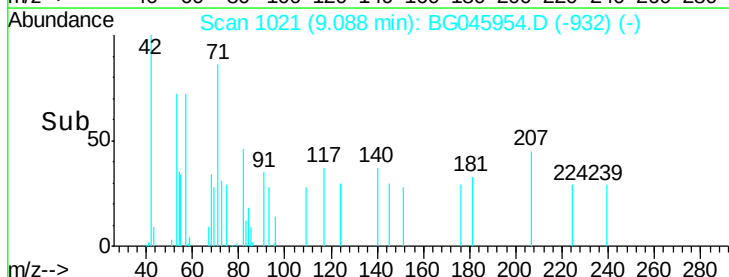
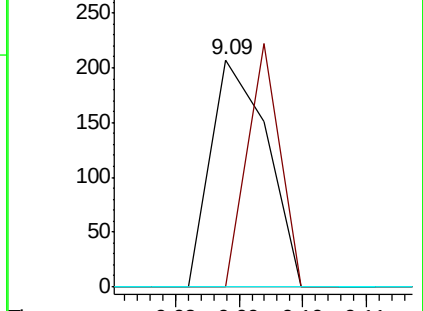
Tgt Ion:	117	Resp:	126
Ion	Ratio	Lower	Upper
117	100		
119	0.0	79.5	119.3#
201	0.0	77.0	115.4#

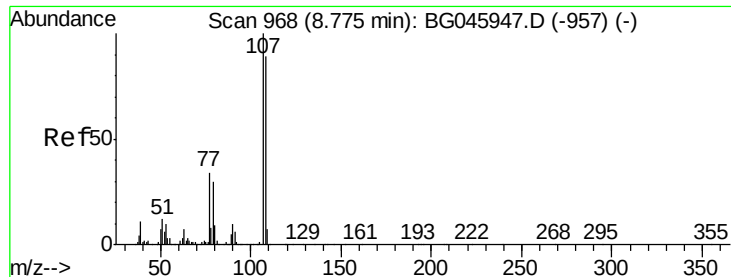


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

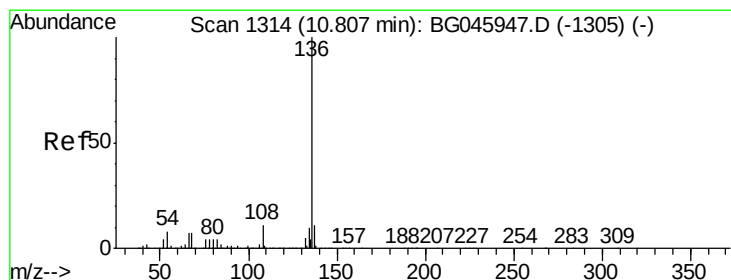
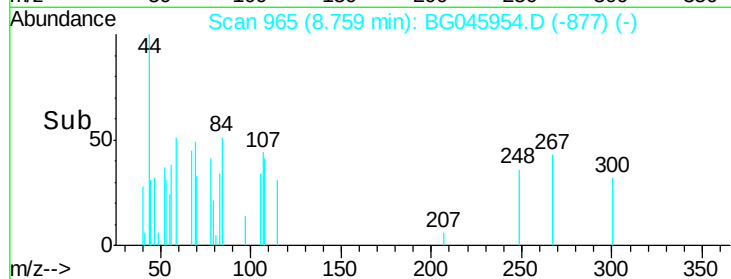
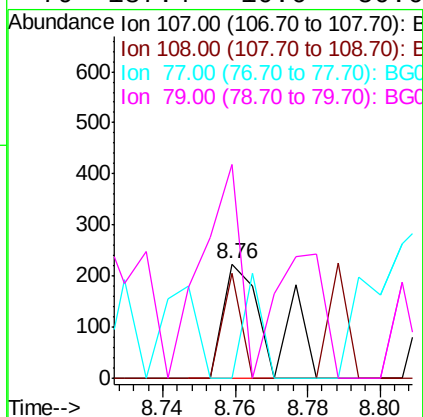
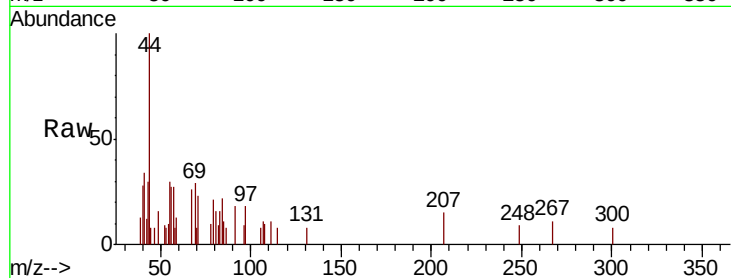




#20
3+4-Methylphenols
Concen: 0.011 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

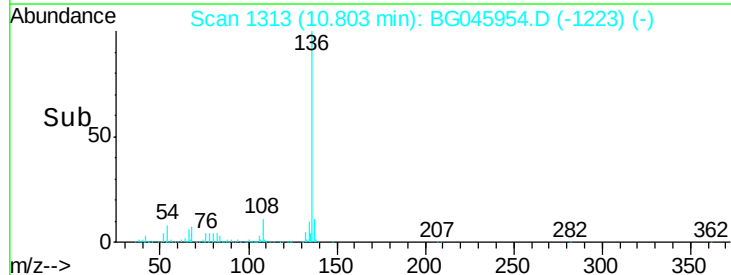
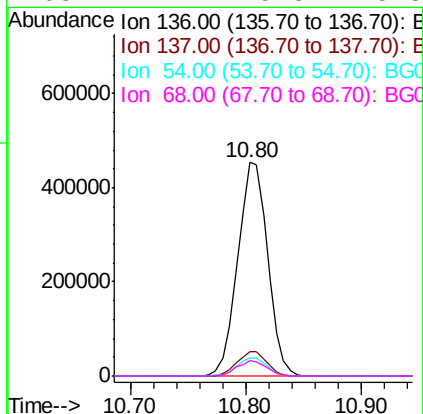
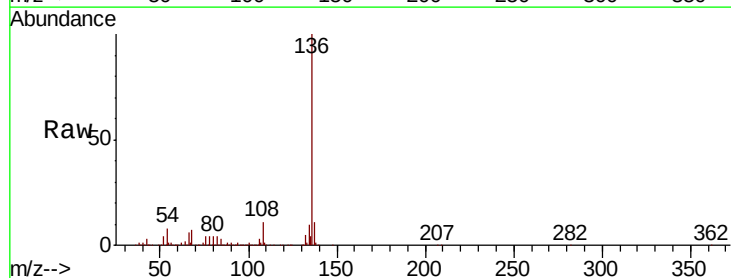
Instrument :
BNA_G
ClientSampleId :
PB129891BL

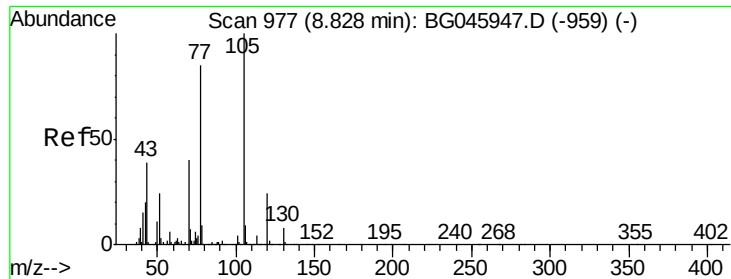
Tot Ion:	107	Resp:	206
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.7	108.7
77	0.0	14.6	54.6#
79	187.4	10.6	50.6#



#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

Tgt 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

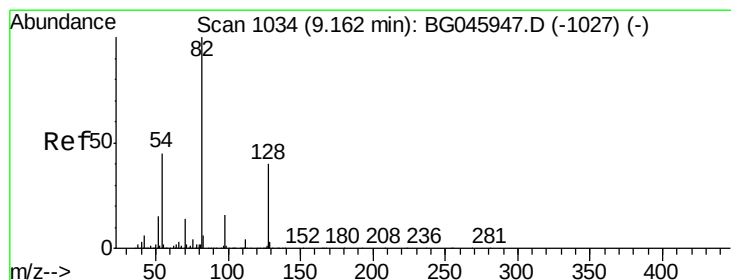
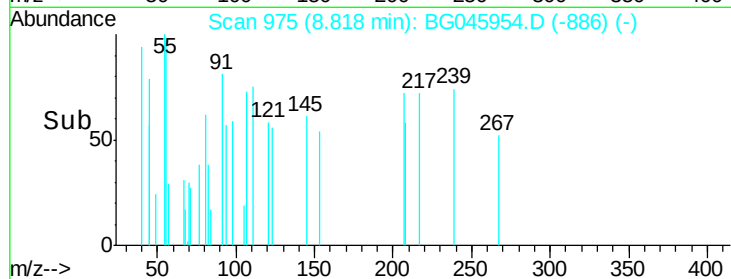
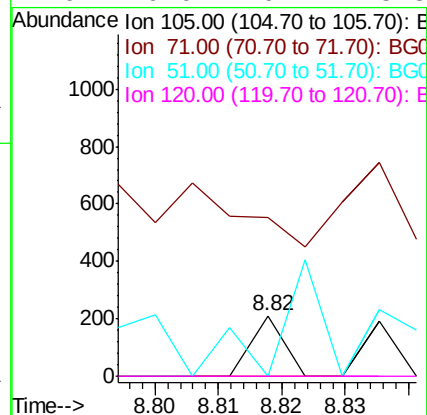
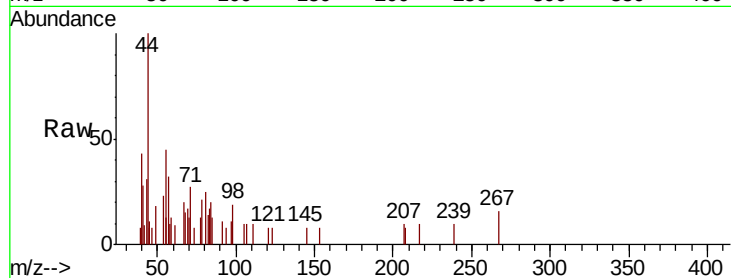




#22
Acetophenone
Concen: 0.003 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

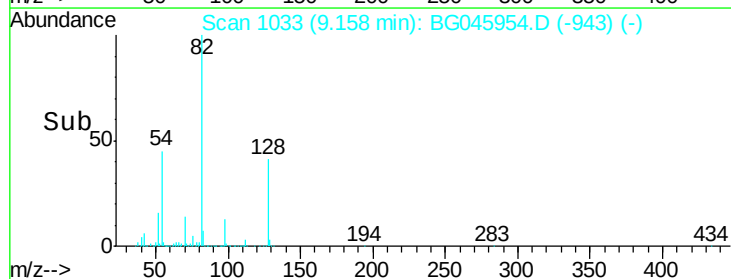
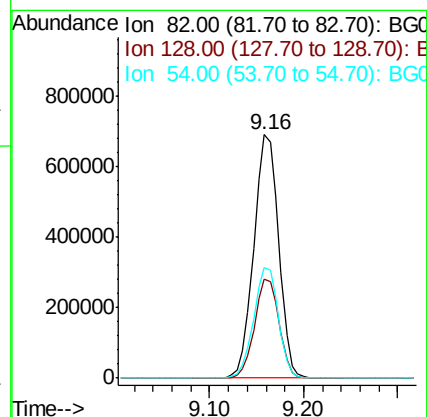
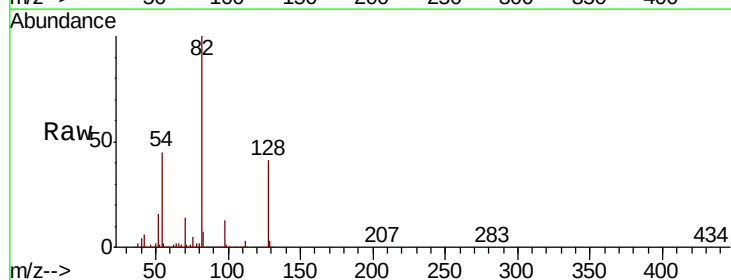
Instrument :
BNA_G
ClientSampleId :
PB129891BL

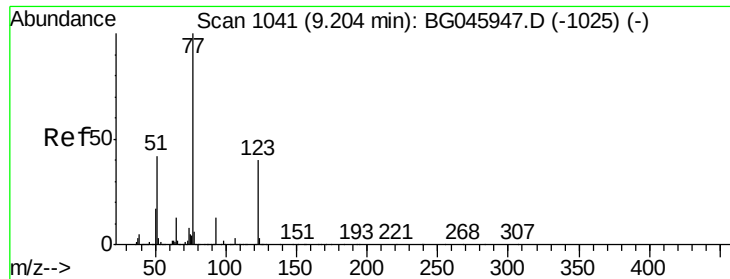
Tot Ion:105 Resp: 75
Ion Ratio Lower Upper
105 100
71 259.9 6.2 9.2#
51 0.0 19.7 29.5#
120 0.0 19.2 28.8#



#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

Tgt Ion: 82 Resp: 1262793
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.4
54 45.5 35.8 53.6

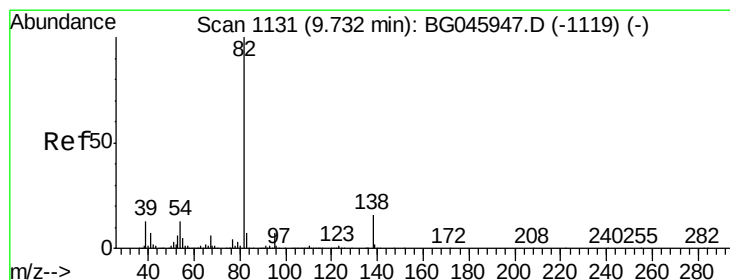
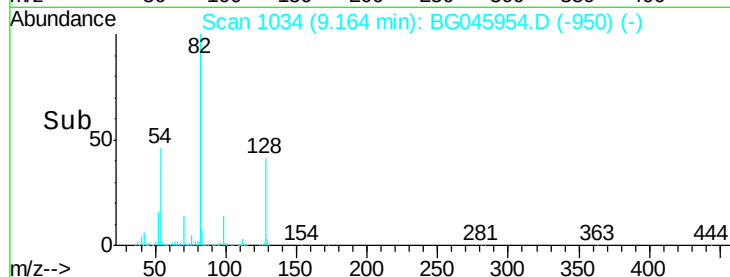
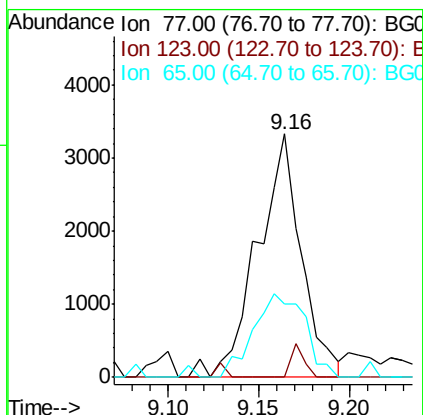
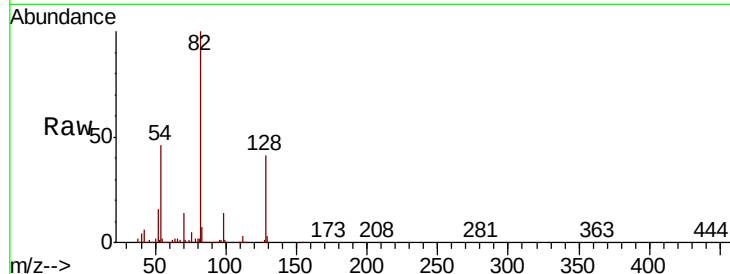




#24
 Nitrobenzene
 Concen: 0.358 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

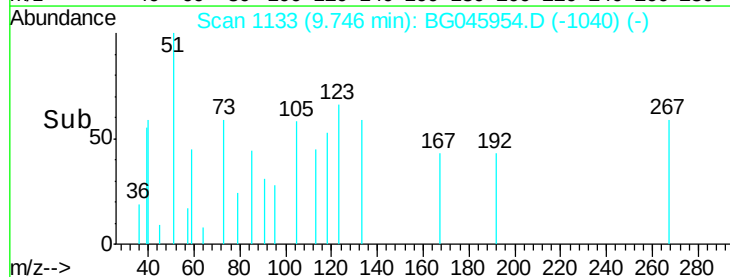
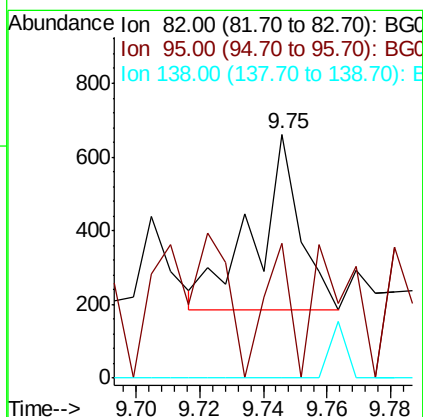
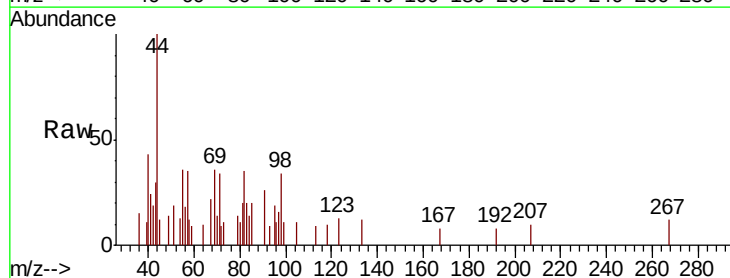
Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

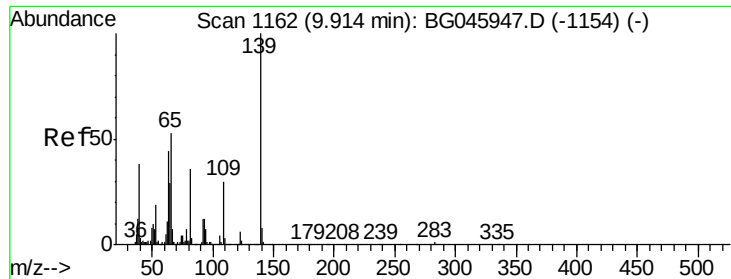
Tot Ion: 77 Resp: 5592
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.7 49.1#
 65 30.3 10.2 15.4#



#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

Tgt Ion: 82 Resp: 465
 Ion Ratio Lower Upper
 82 100
 95 55.4 5.8 8.6#
 138 0.0 12.9 19.3#

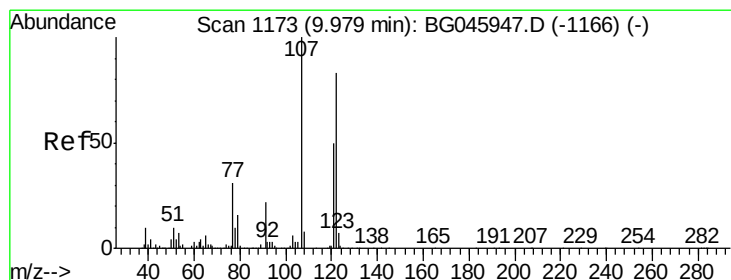
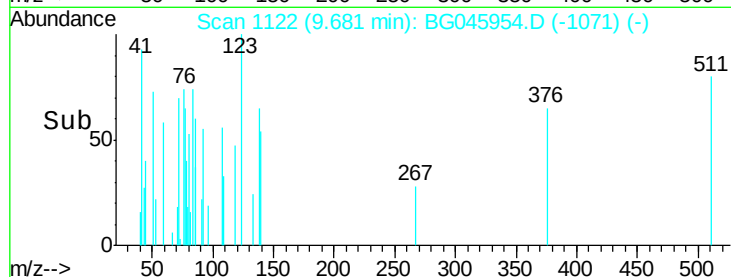
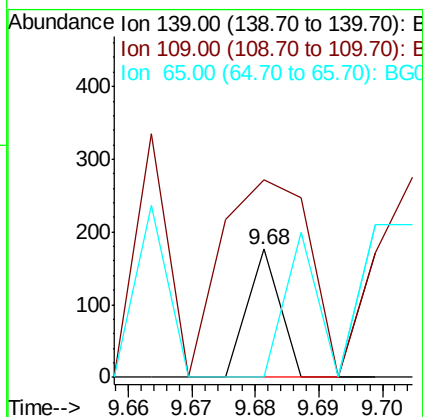
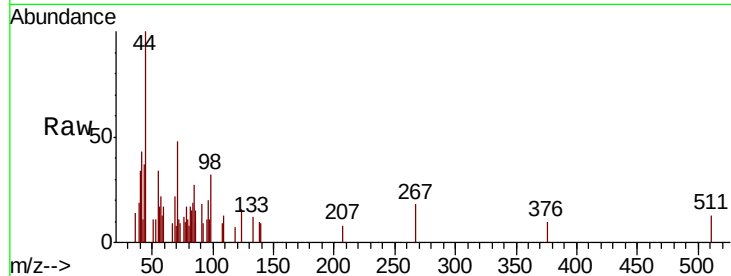




#26
2-Nitrophenol
Concen: 0.012 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.23 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

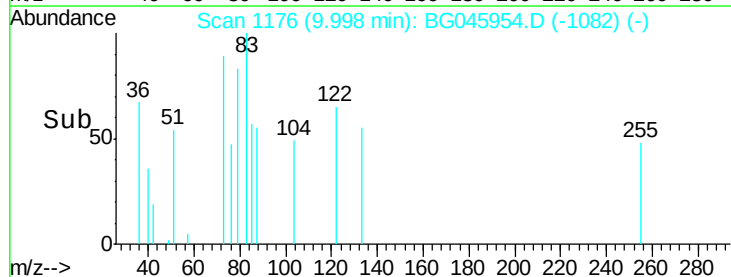
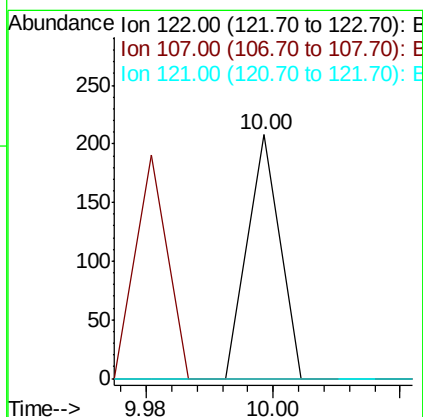
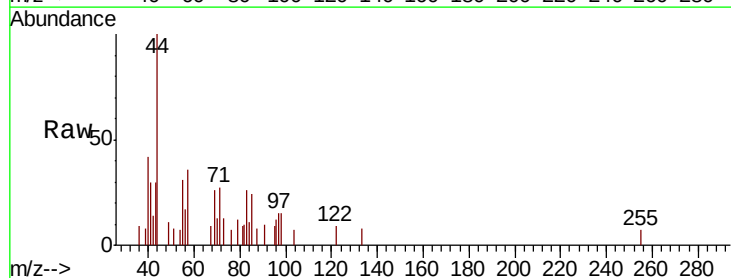
Instrument :
BNA_G
ClientSampleId :
PB129891BL

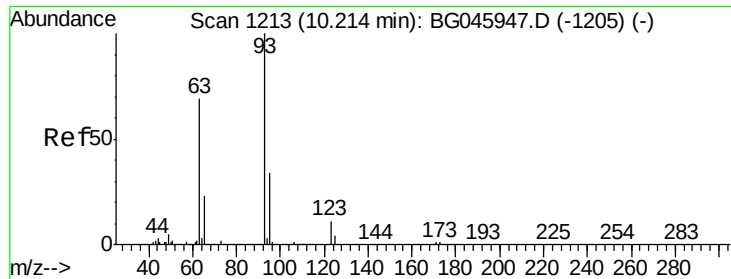
Tot Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 154.0 24.6 37.0#
65 0.0 42.6 64.0#



#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

Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
107 0.0 95.6 143.4#
121 0.0 47.7 71.5#

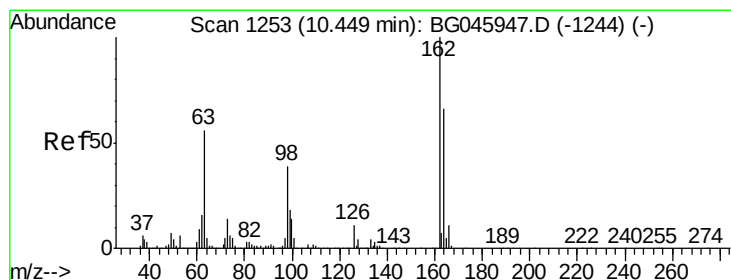
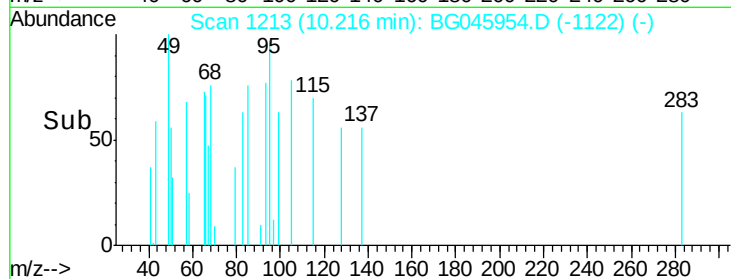
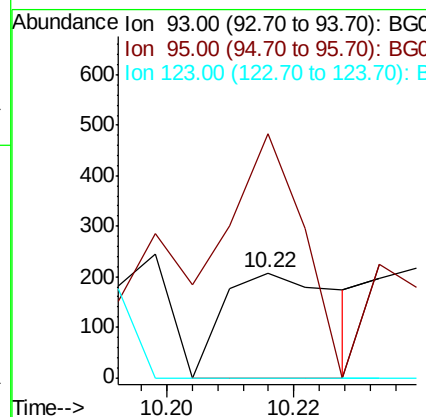
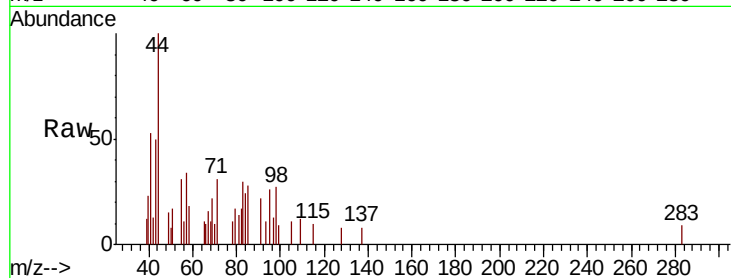




#28
bis(2-Chloroethoxy)methane
Concen: 0.013 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

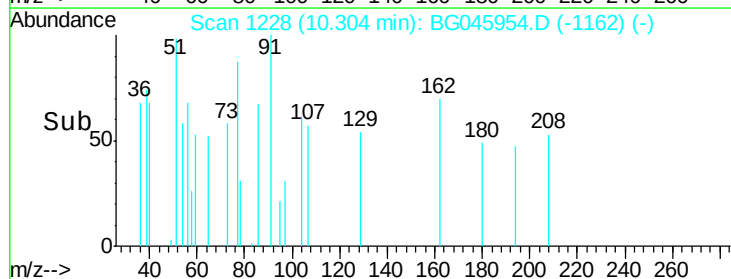
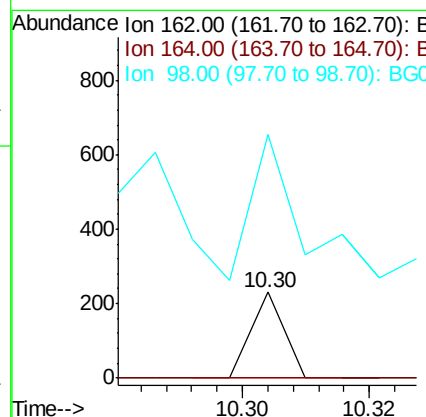
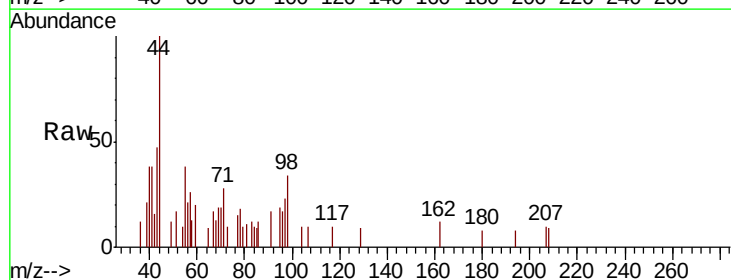
Instrument :
BNA_G
ClientSampleId :
PB129891BL

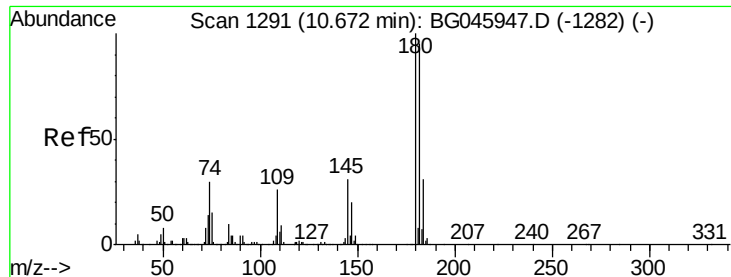
Tot Ion: 93 Resp: 260
Ion Ratio Lower Upper
93 100
95 232.2 27.5 41.3#
123 0.0 9.2 13.8#



#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

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

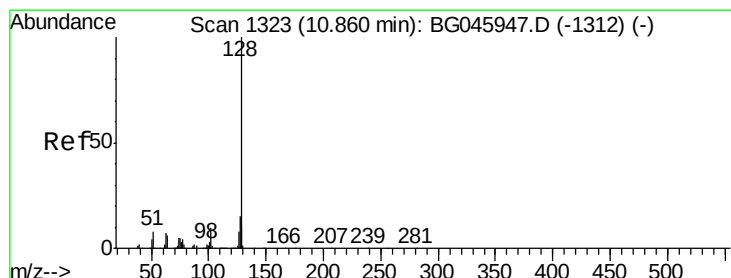
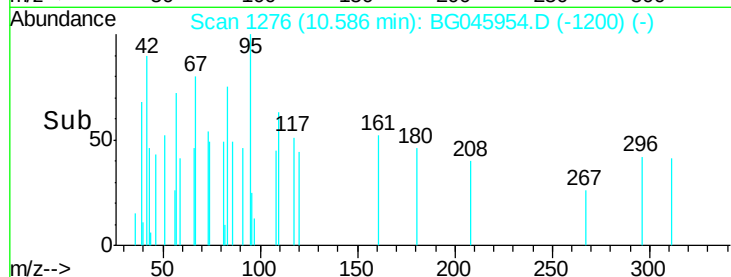
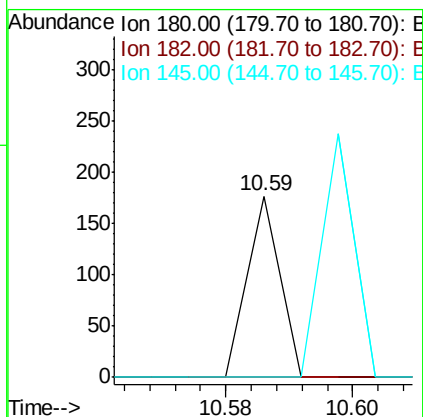
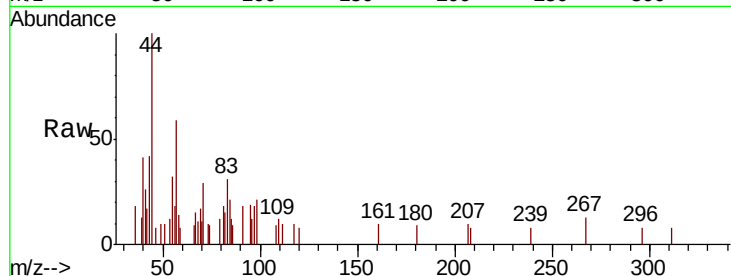




#30
 1,2,4-Trichlorobenzene
 Concen: 0.004 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.09 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

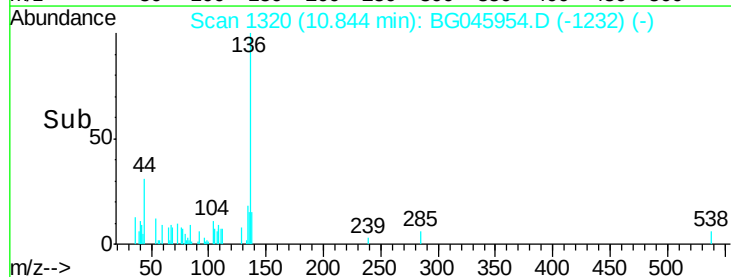
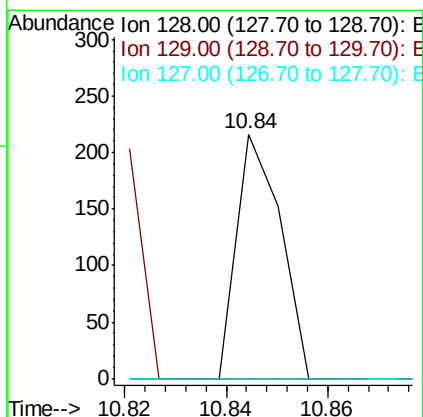
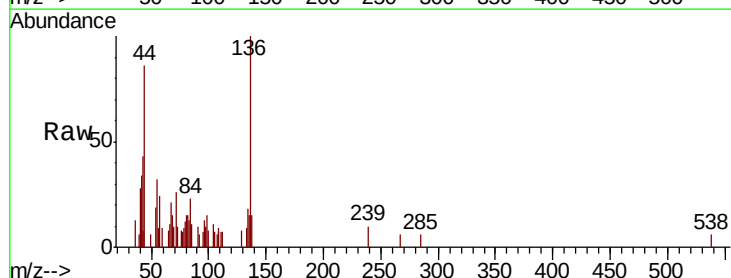
Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

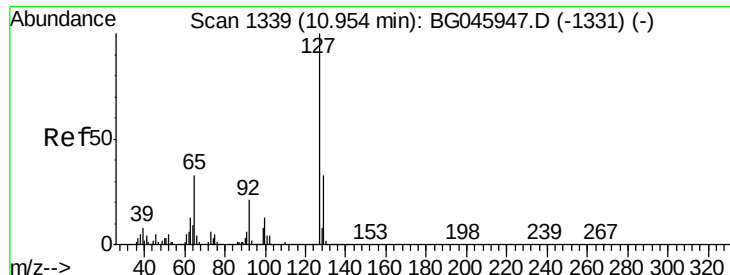
Tot Ion:180 Resp: 62
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.3 114.5#
 145 0.0 24.8 37.2#



#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

Tgt Ion:128 Resp: 130
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.2 13.8#
 127 0.0 11.8 17.6#





#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

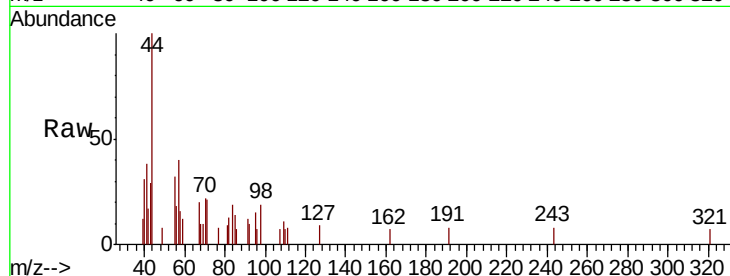
Ion Ratio Lower Upper

127 100

129 0.0 26.6 39.8#

65 0.0 26.8 40.2#

92 111.0 17.0 25.4#

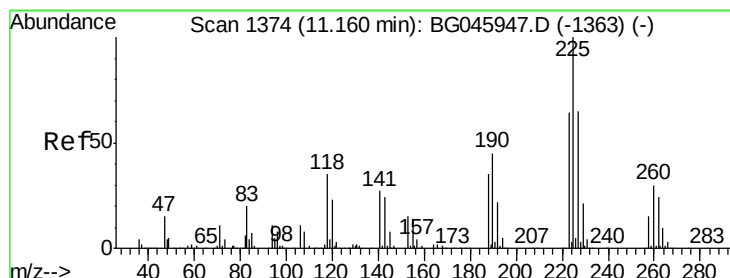
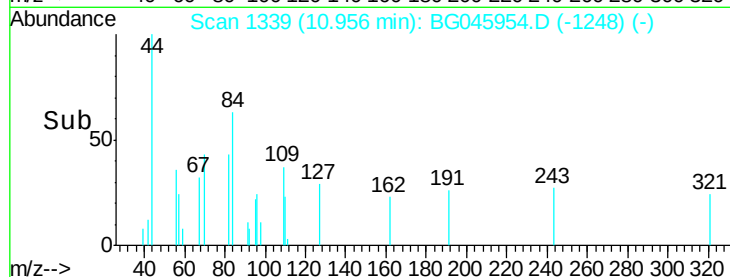
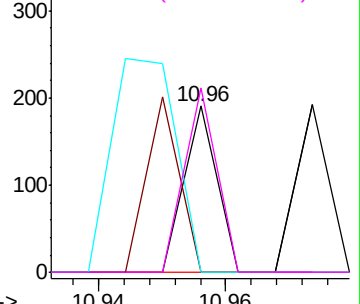


Abundance Ion 127.00 (126.70 to 127.70): E

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

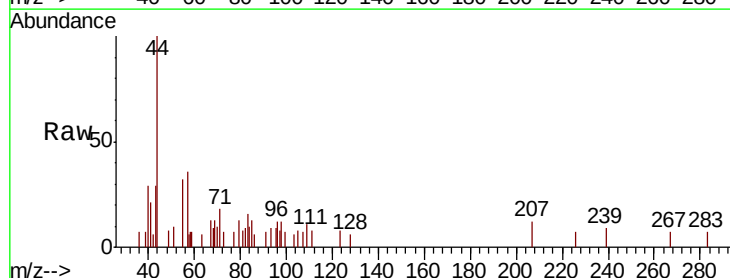
Tgt Ion:225 Resp: 65

Ion Ratio Lower Upper

225 100

223 0.0 51.2 76.8#

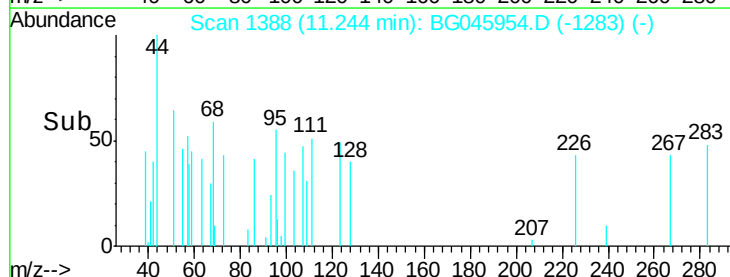
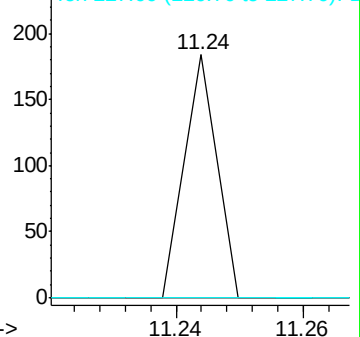
227 0.0 52.3 78.5#

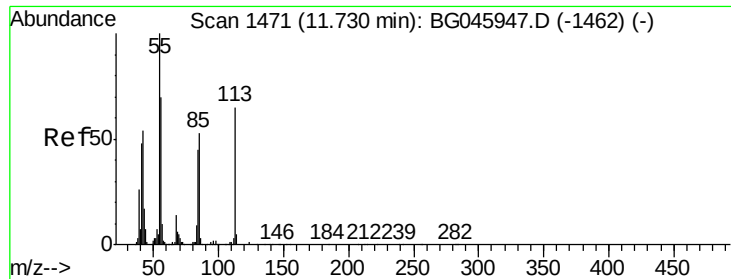


Abundance Ion 225.00 (224.70 to 225.70): E

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

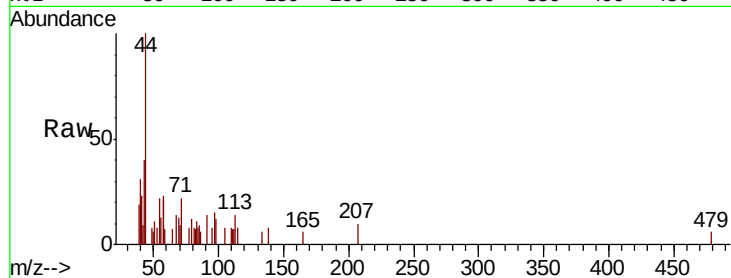
Tot Ion:113 Resp: 188

Ion Ratio Lower Upper

113 100

55 164.2 141.6 181.6

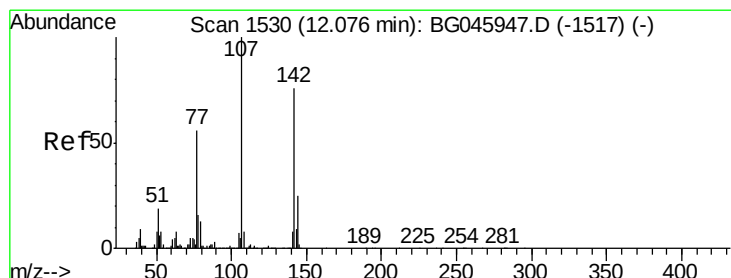
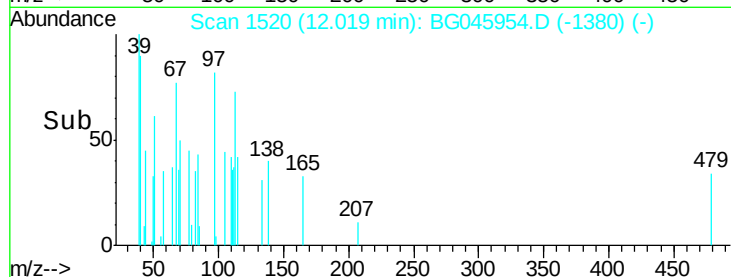
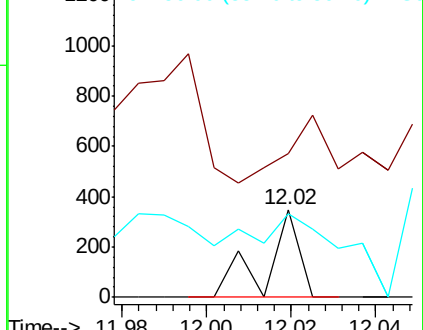
56 95.7 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#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

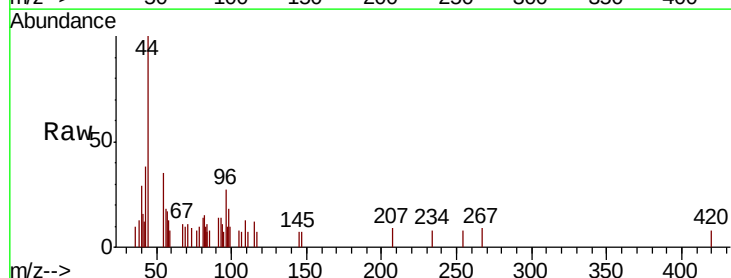
Tgt Ion:107 Resp: 57

Ion Ratio Lower Upper

107 100

144 101.2 20.0 30.0#

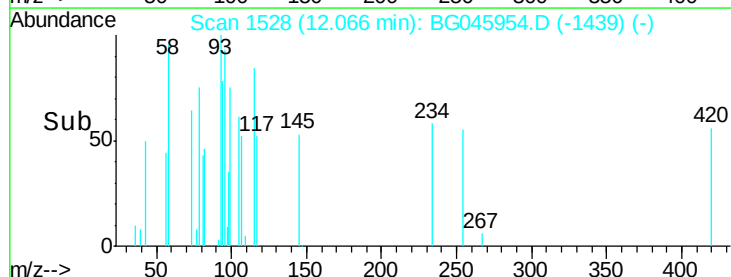
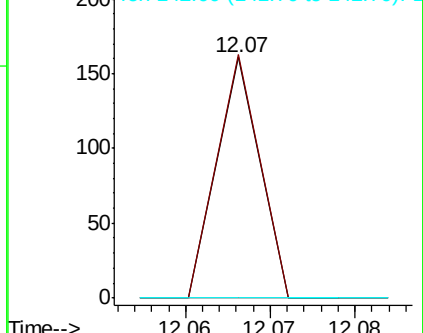
142 0.0 61.1 91.7#

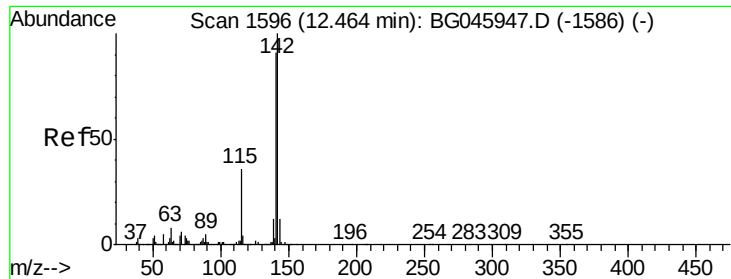


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

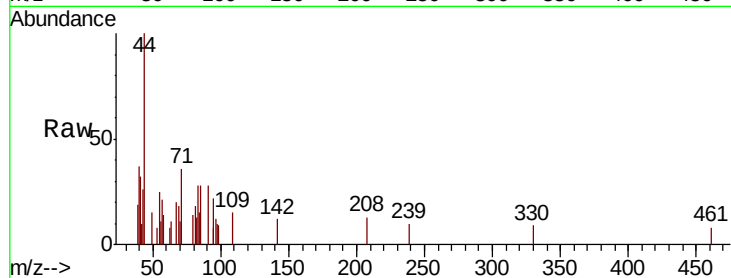




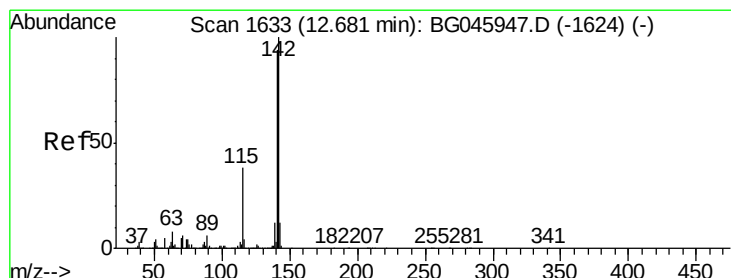
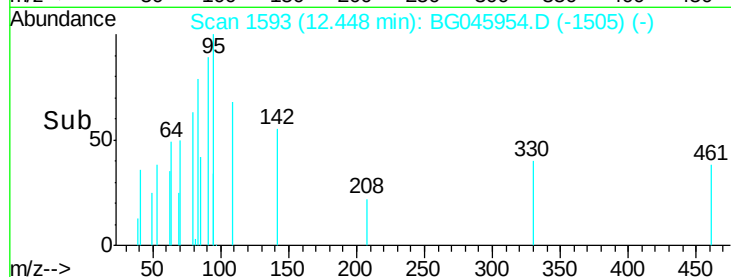
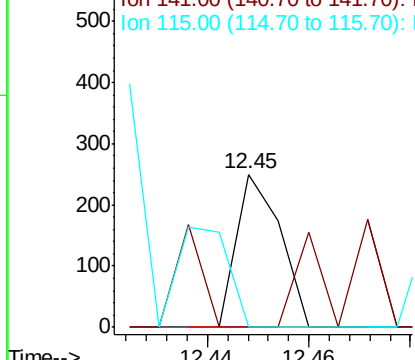
#37
2-Methylnaphthalene
Concen: 0.005 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

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#

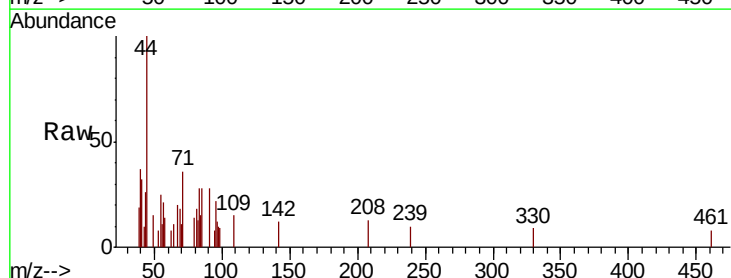


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

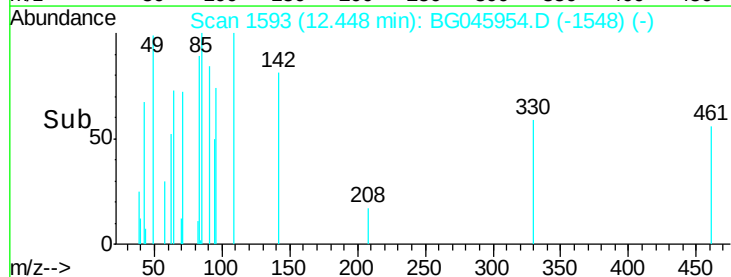
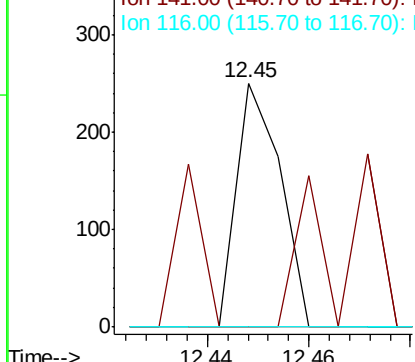


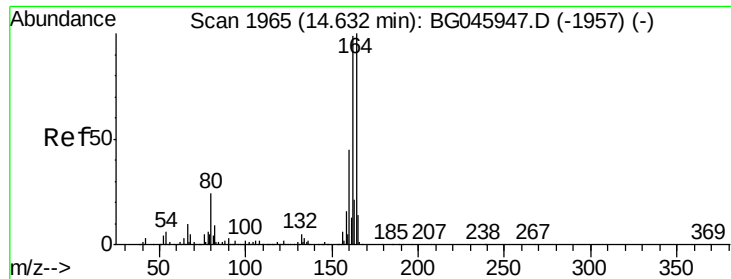
#38
1-Methylnaphthalene
Concen: 0.005 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.23 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

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

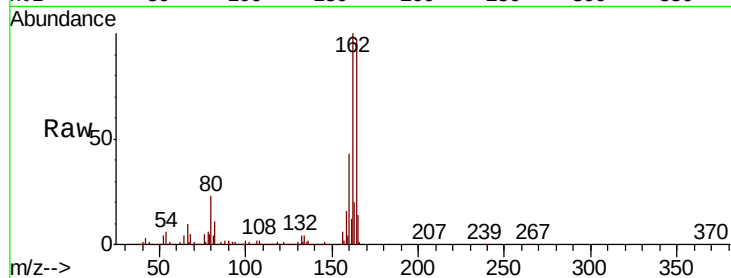
Tot Ion:164 Resp: 504302

Ion Ratio Lower Upper

164 100

162 103.3 79.3 118.9

160 44.4 35.7 53.5

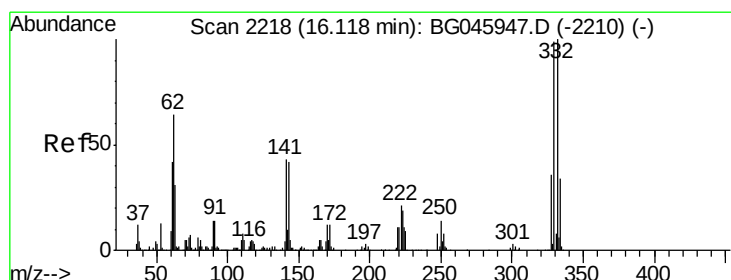
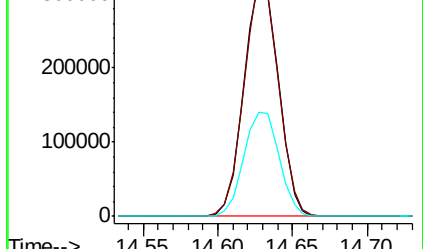
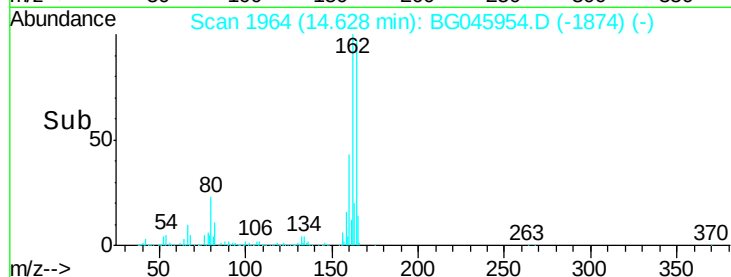


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#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

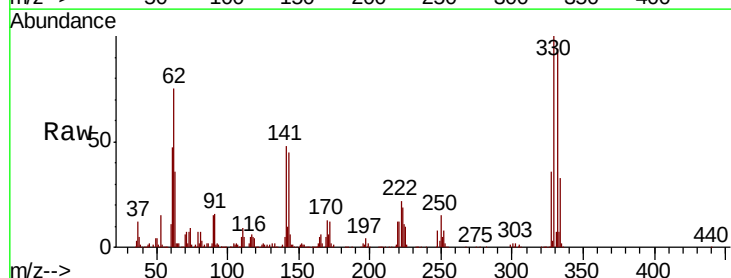
Tgt Ion:330 Resp: 578469

Ion Ratio Lower Upper

330 100

332 97.7 78.3 117.5

141 46.3 36.6 54.8

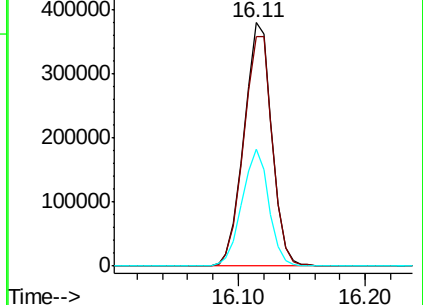
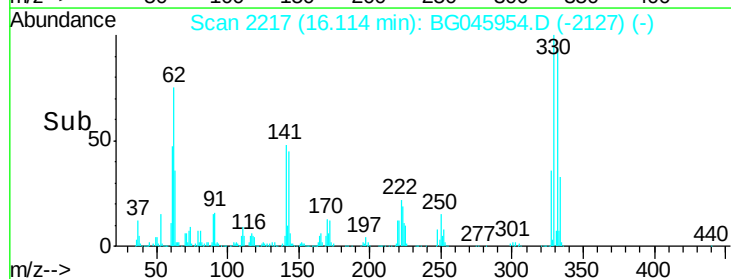


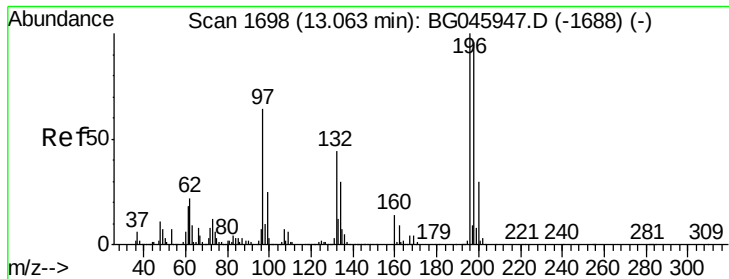
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

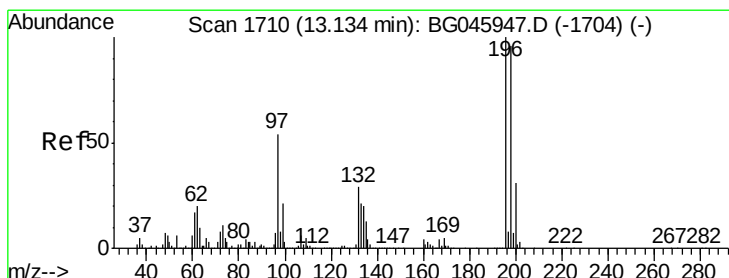
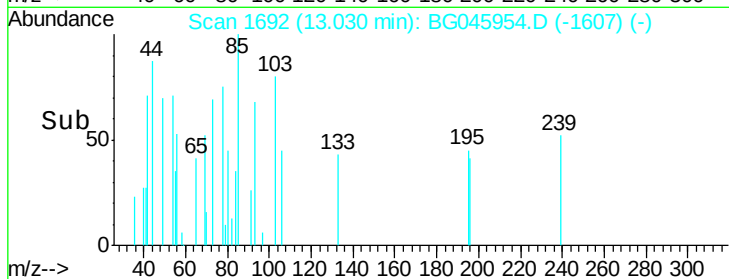
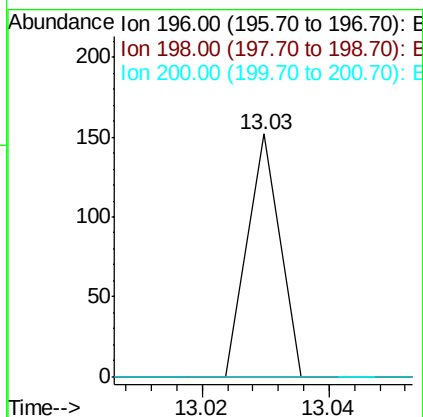
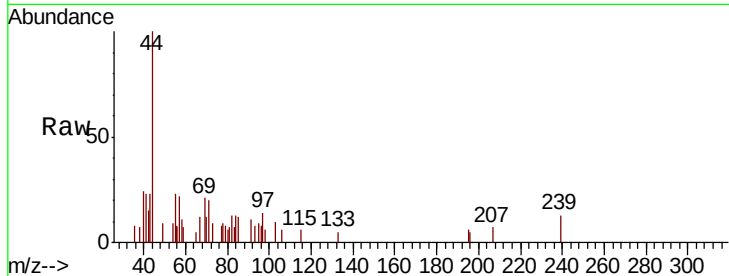




#43
2,4,6-Trichlorophenol
Concen: 0.006 ng
RT: 13.03 min Scan# 1692
Delta R.T. -0.03 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

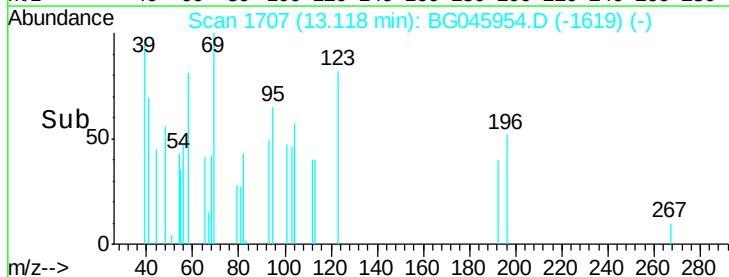
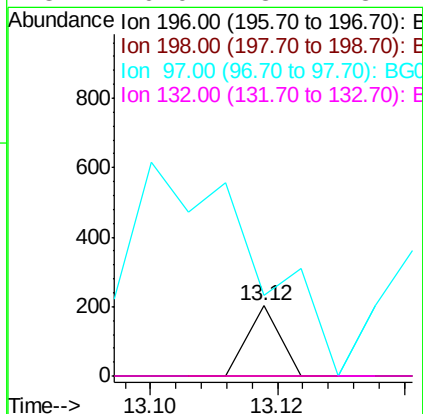
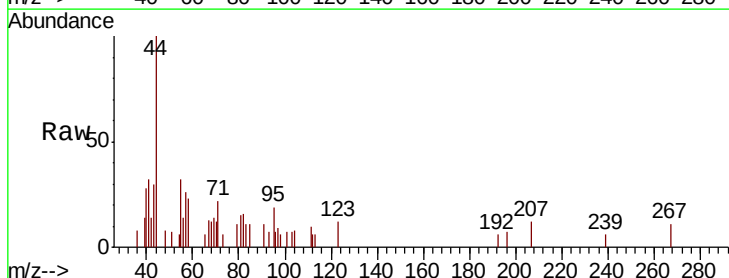
Instrument :
BNA_G
ClientSampleId :
PB129891BL

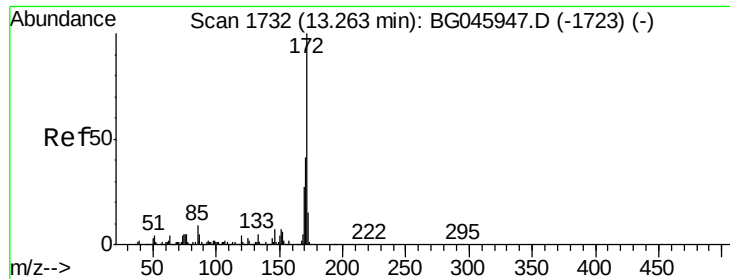
Tot Ion:196 Resp: 54
Ion Ratio Lower Upper
196 100
198 0.0 76.7 115.1#
200 0.0 24.3 36.5#



#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#

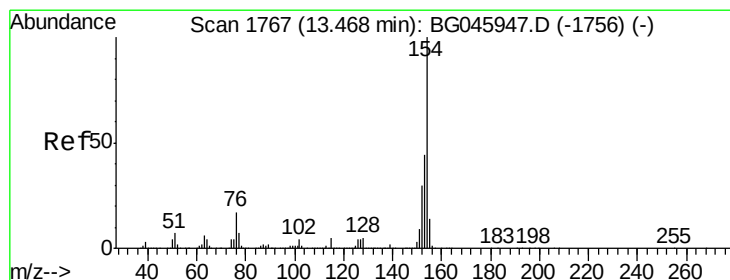
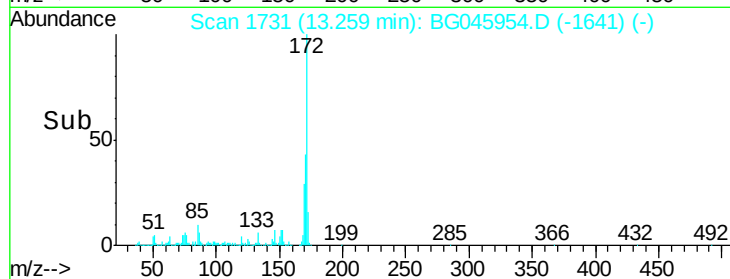
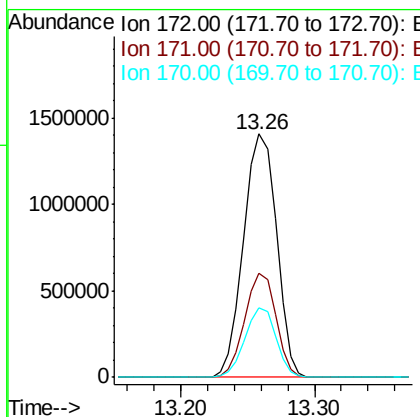
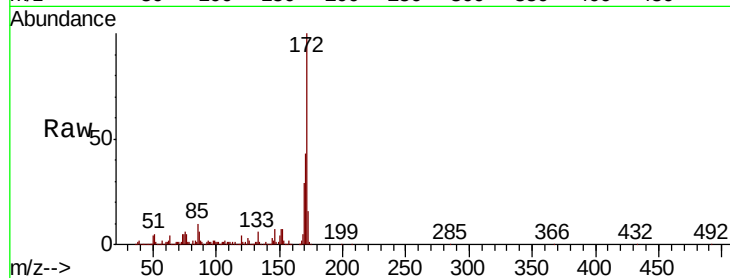




#45
2-Fluorobiphenyl
Concen: 74.556 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

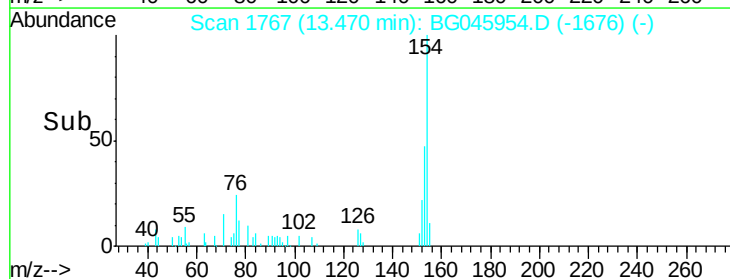
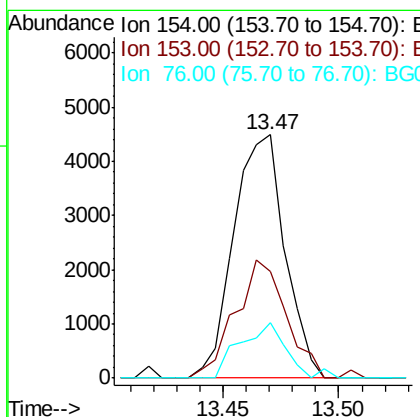
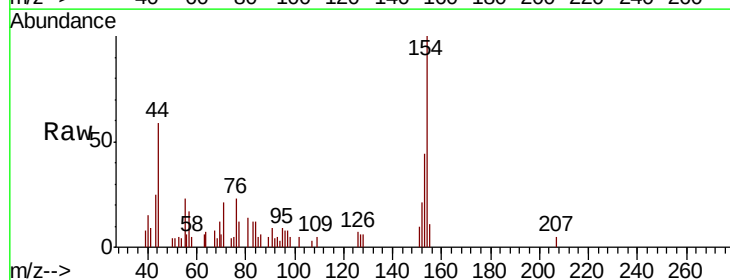
Instrument :
BNA_G
ClientSampleId :
PB129891BL

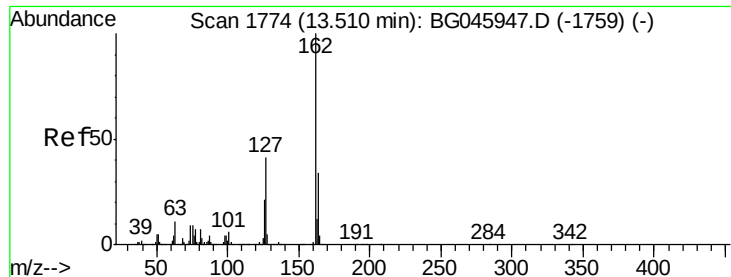
Tot Ion:172 Resp: 2410455
Ion Ratio Lower Upper
172 100
171 42.8 32.9 49.3
170 28.6 21.8 32.6



#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

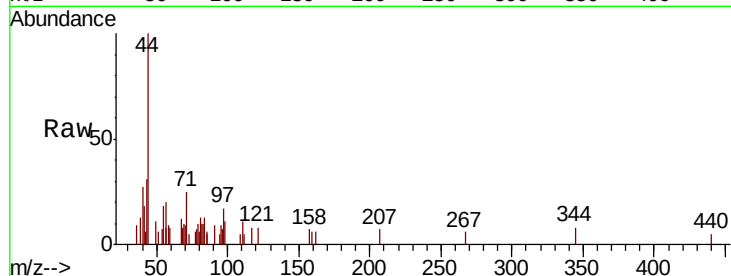




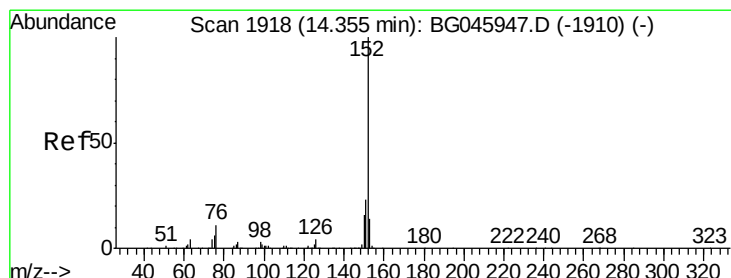
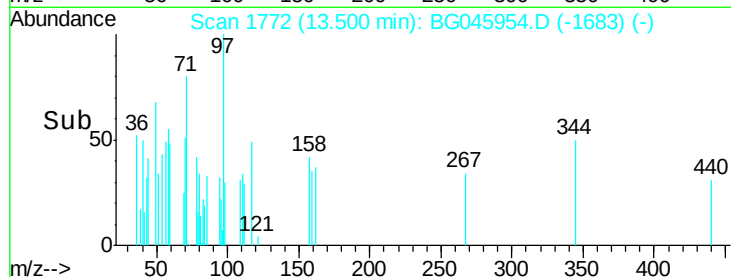
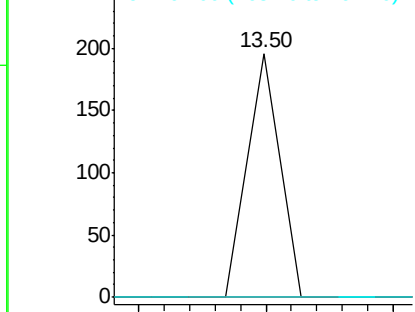
#47
2-Chloronaphthalene
Concen: 0.002 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampleId :
PB129891BL

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

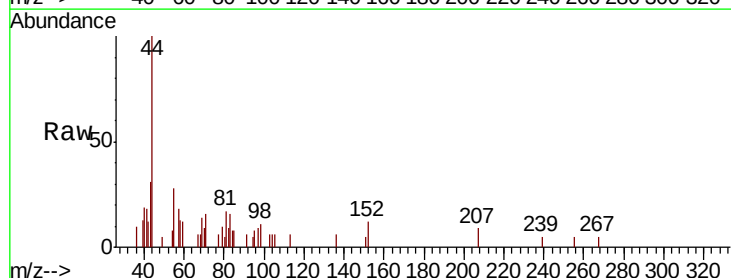


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

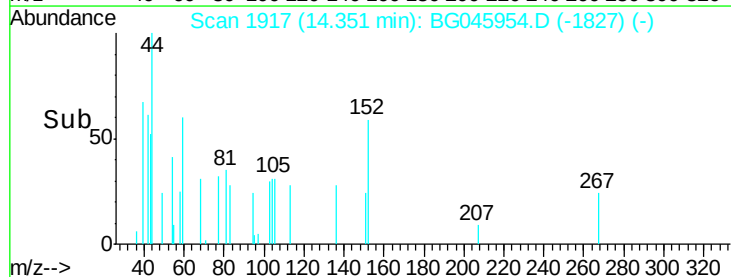
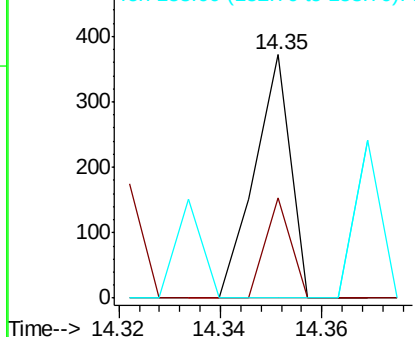


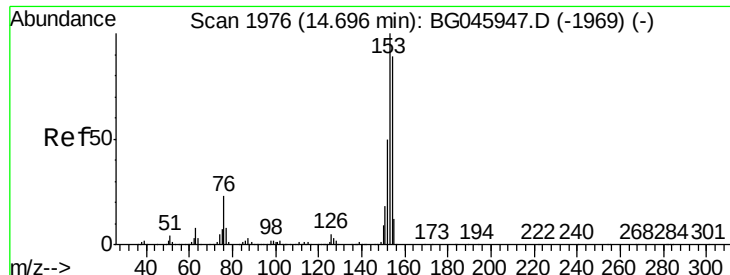
#49
Acenaphthylene
Concen: 0.004 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Tgt 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





#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

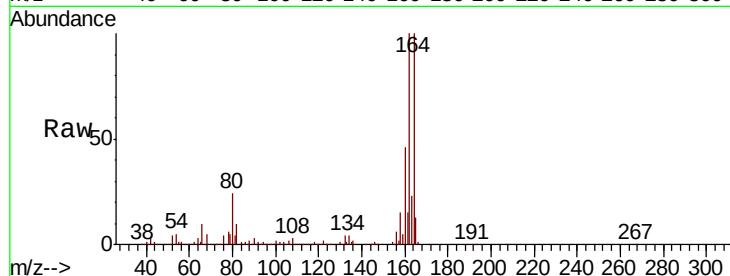
Tot Ion:154 Resp: 1941

Ion Ratio Lower Upper

154 100

153 0.0 89.7 134.5#

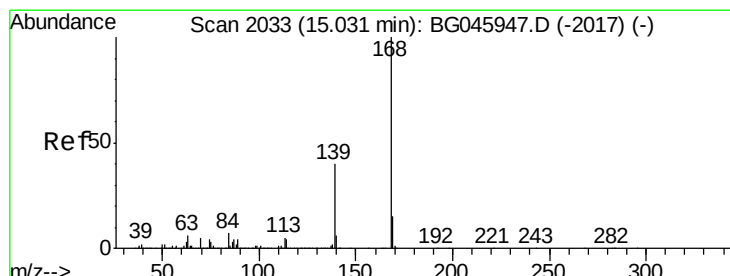
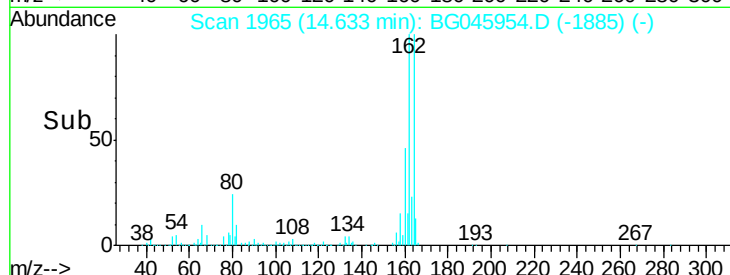
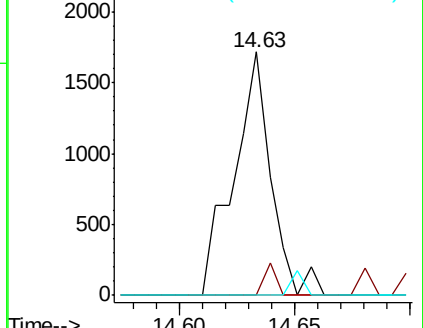
152 0.0 44.7 67.1#



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



#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

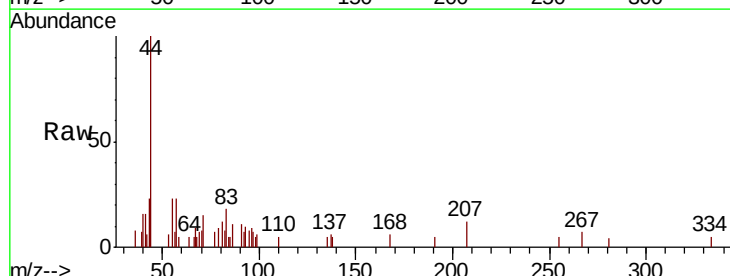
Tgt Ion:168 Resp: 73

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

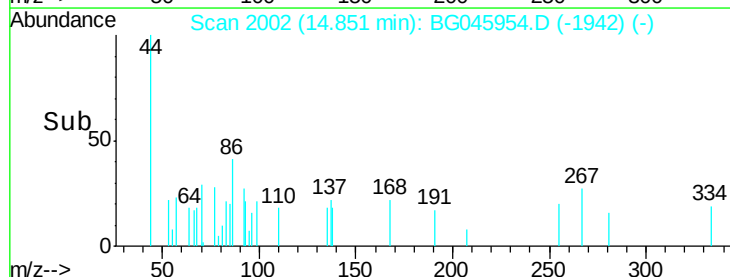
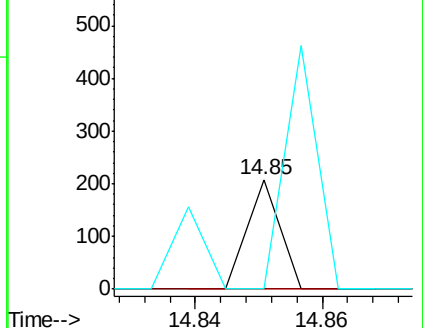
169 0.0 11.8 17.8#

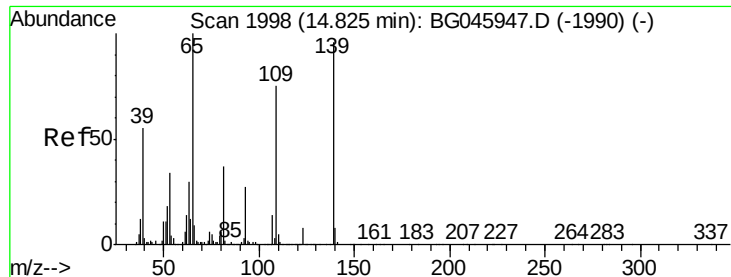


Abundance Ion 168.00 (167.70 to 168.70): E

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

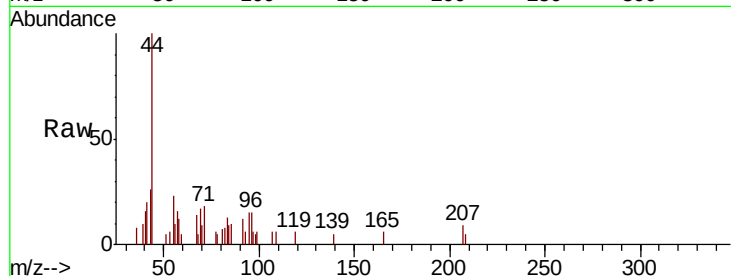
Tot Ion:139 Resp: 54

Ion Ratio Lower Upper

139 100

109 126.8 58.5 98.5#

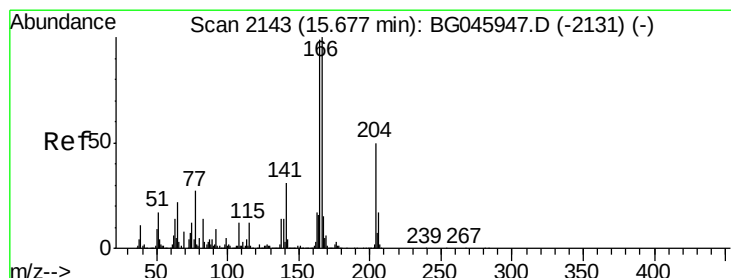
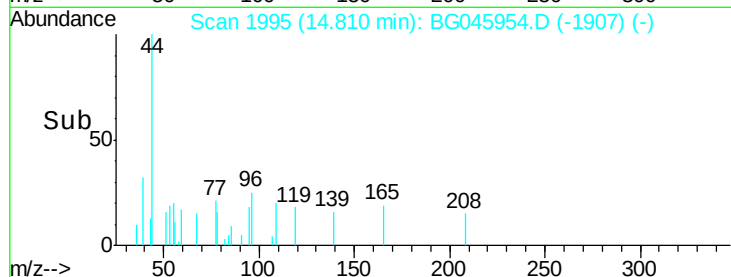
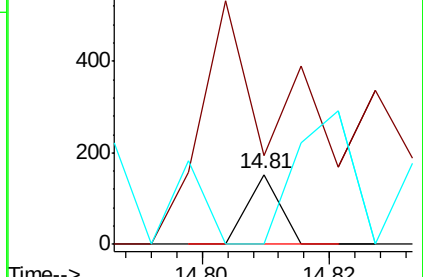
65 0.0 84.7 124.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#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

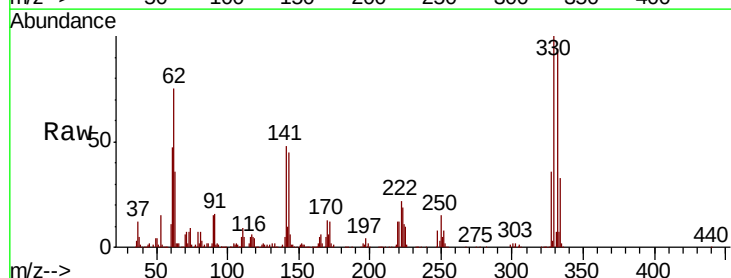
Tgt Ion:166 Resp: 30845

Ion Ratio Lower Upper

166 100

165 93.0 78.9 118.3

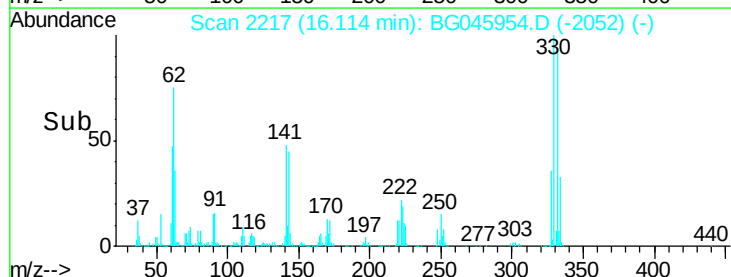
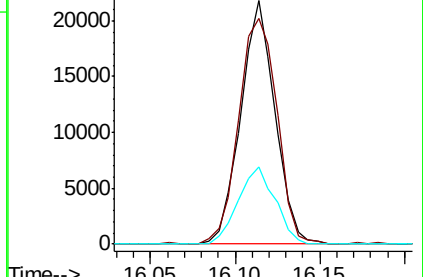
167 31.6 12.1 18.1#

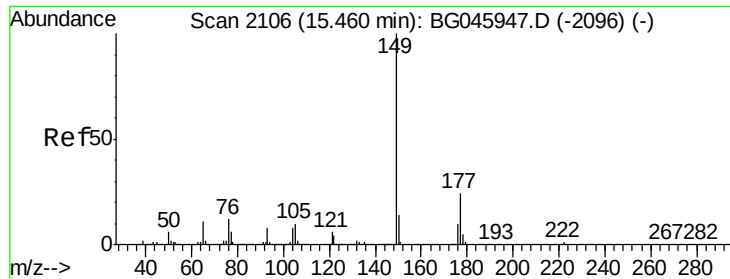


Abundance Ion 166.00 (165.70 to 166.70): E

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

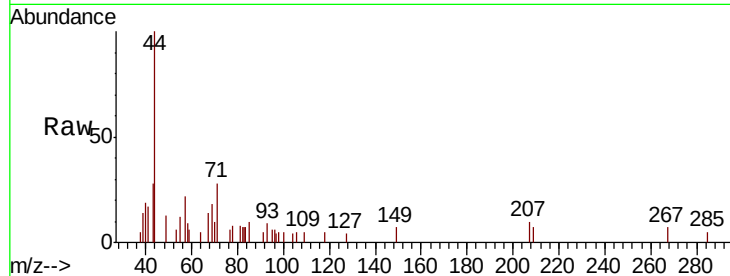
Instrument :

BNA_G

ClientSampleId :

PB129891BL

Tot 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

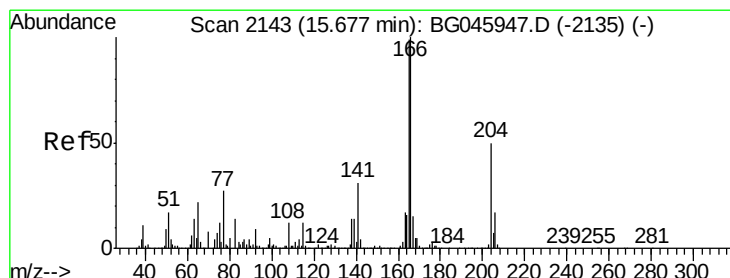
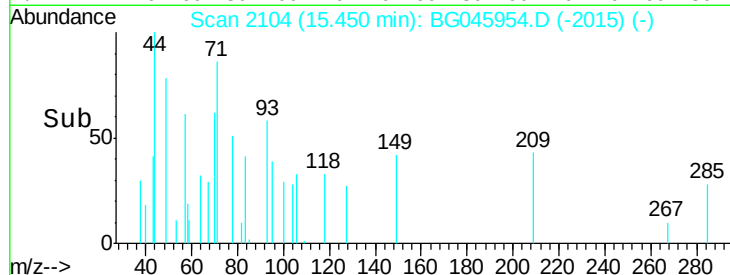
15.45

200

100

0

Time-->



#61

4-Chlorophenyl-phenylether

Concen: 0.004 ng

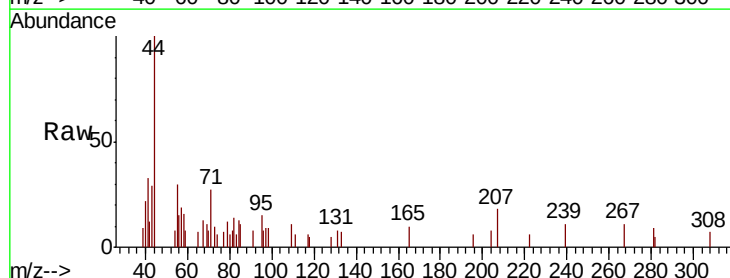
RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG045954.D

Acq: 7 Jul 2020 9:44

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



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

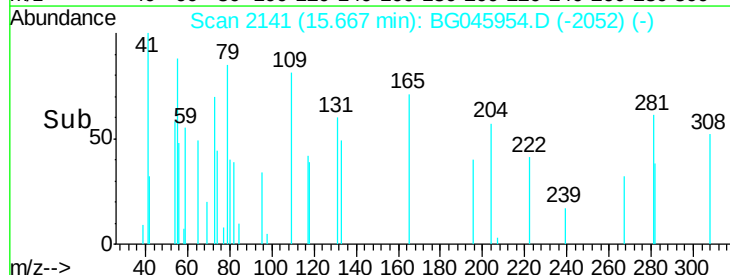
15.67

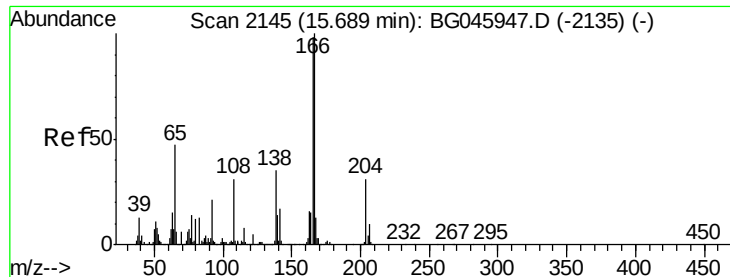
200

100

0

Time-->





#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

Instrument :

BNA_G

ClientSampleId :

PB129891BL

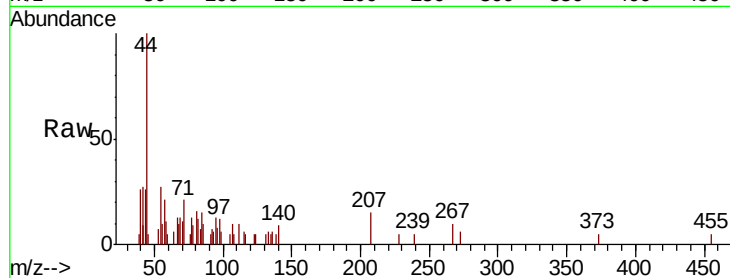
Tot Ion:138 Resp: 61

Ion Ratio Lower Upper

138 100

92 126.7 40.3 80.3#

108 88.4 68.0 108.0



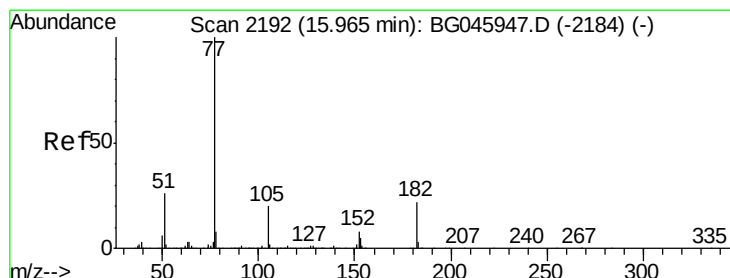
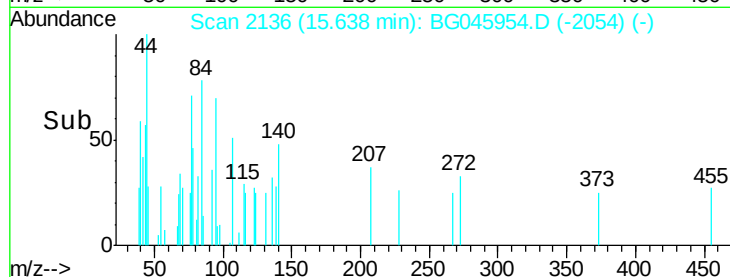
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E

Time-->

15.62 15.64



#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

Tgt Ion: 77 Resp: 507

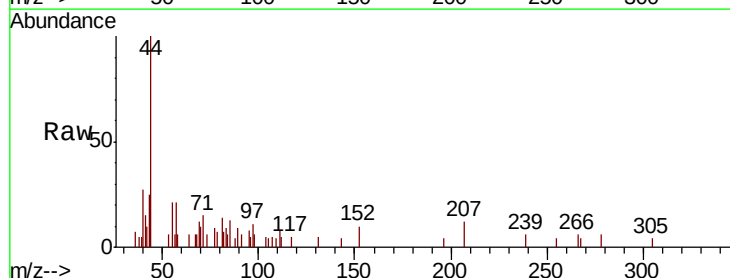
Ion Ratio Lower Upper

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

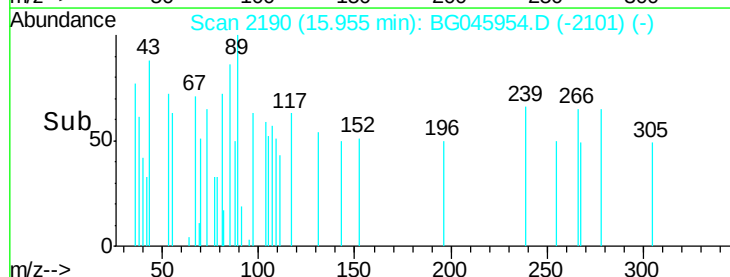
Ion 182.00 (181.70 to 182.70): E

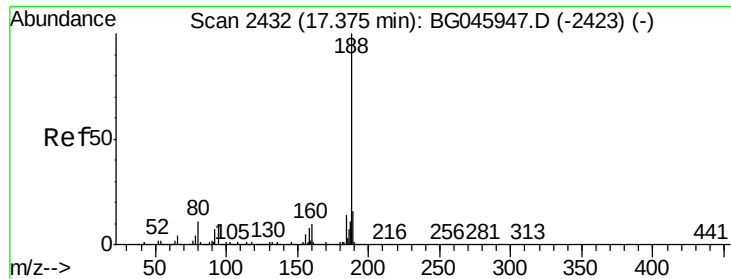
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

Time-->

15.92 15.94 15.96 15.98





#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

Instrument :

BNA_G

ClientSampleId :

PB129891BL

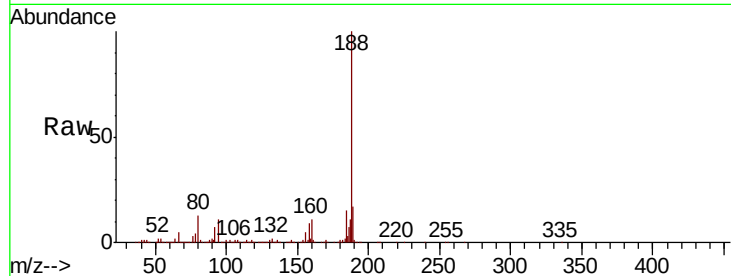
Tot Ion:188 Resp: 1033161

Ion Ratio Lower Upper

188 100

94 11.3 8.2 12.4

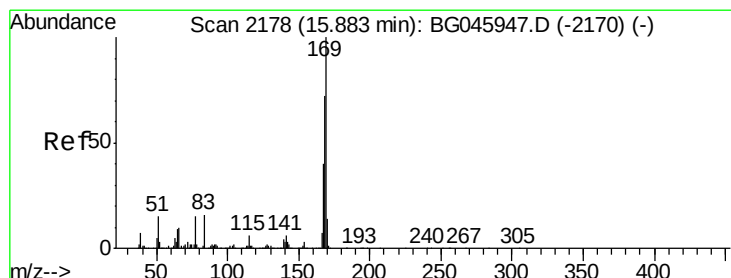
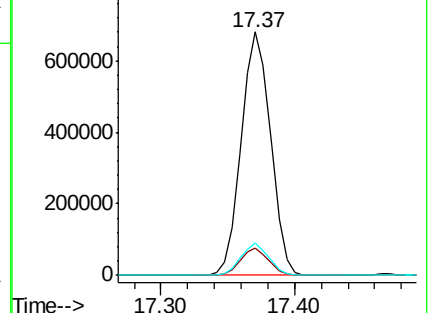
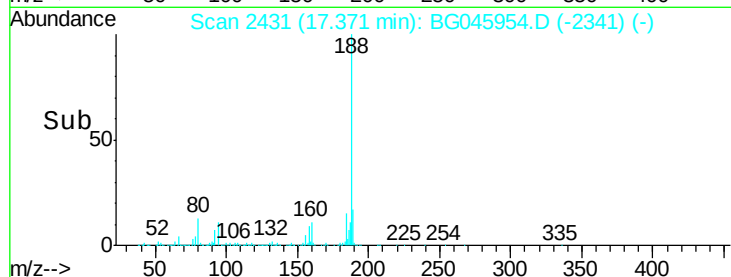
80 13.1 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#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

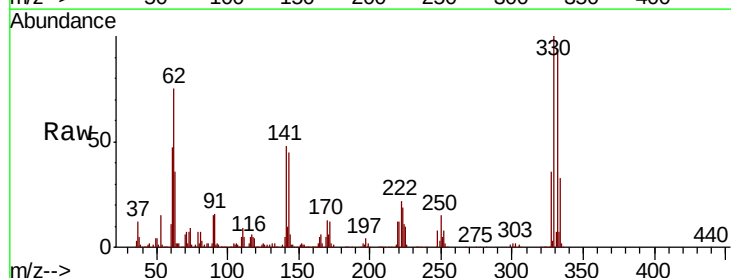
Tgt Ion:169 Resp: 25203

Ion Ratio Lower Upper

169 100

168 10.3 57.3 85.9#

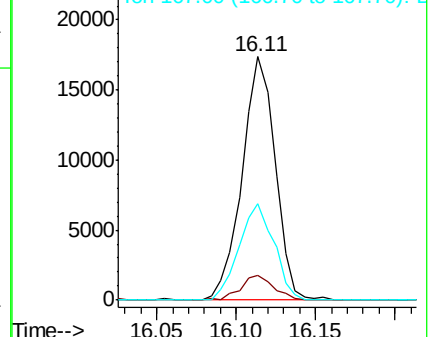
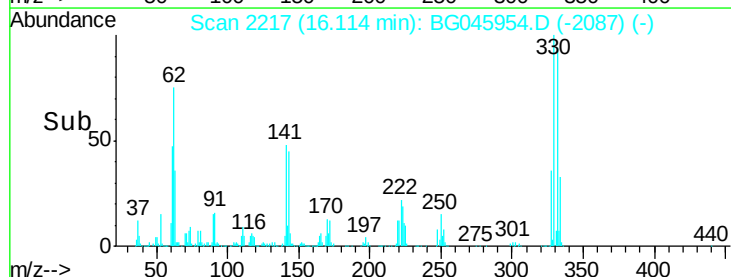
167 39.7 32.1 48.1

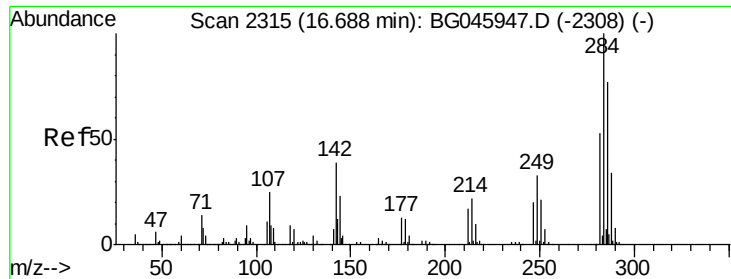


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#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

Instrument :

BNA_G

ClientSampleId :

PB129891BL

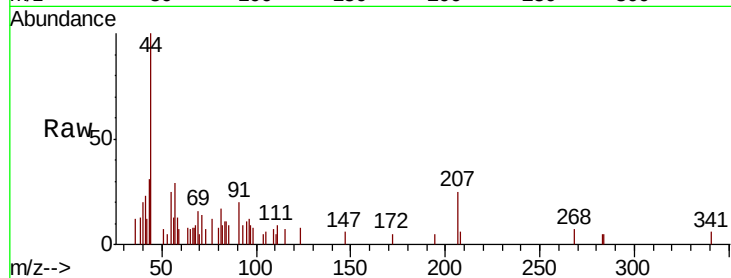
Tot Ion:284 Resp: 55

Ion Ratio Lower Upper

284 100

142 0.0 31.3 46.9#

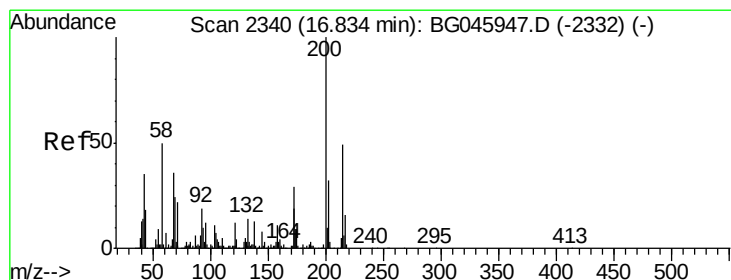
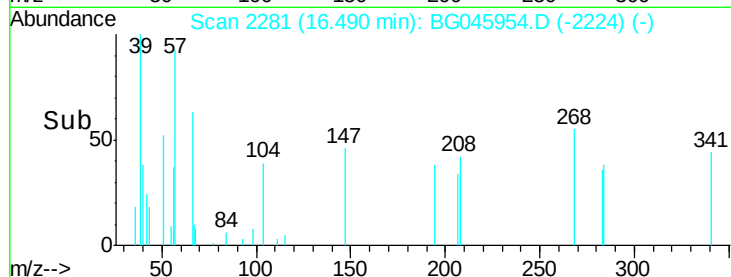
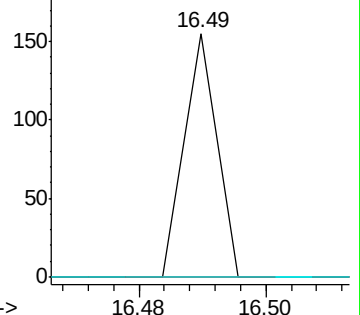
249 0.0 26.8 40.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#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

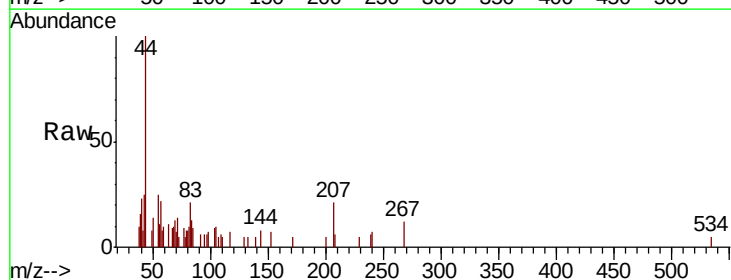
Tgt Ion:200 Resp: 63

Ion Ratio Lower Upper

200 100

173 0.0 9.1 49.1#

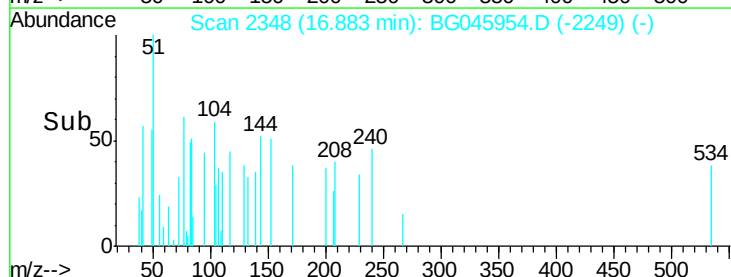
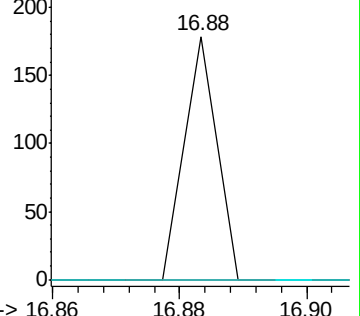
215 0.0 28.8 68.8#

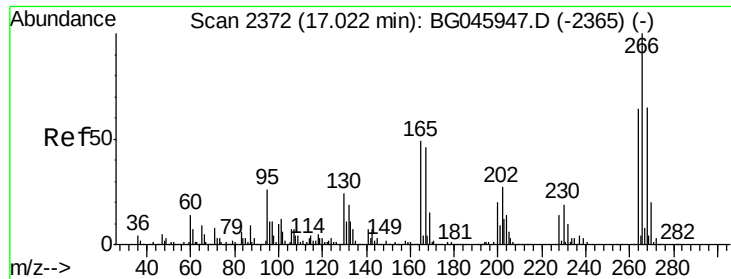


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

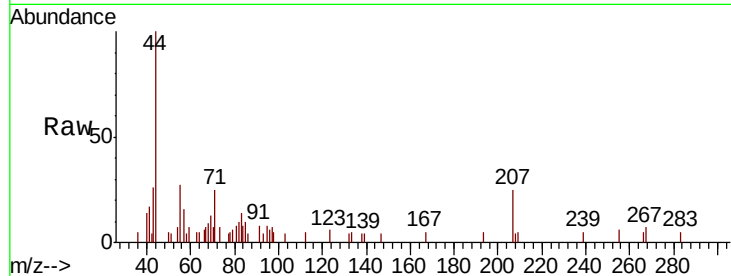




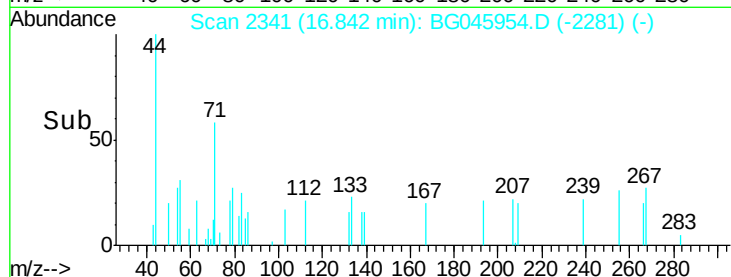
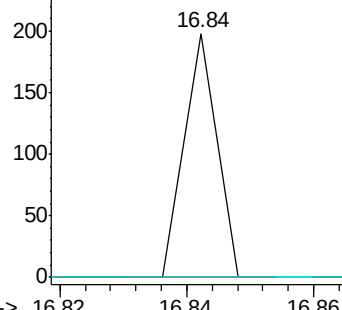
#70
 Pentachlorophenol
 Concen: 0.011 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.18 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

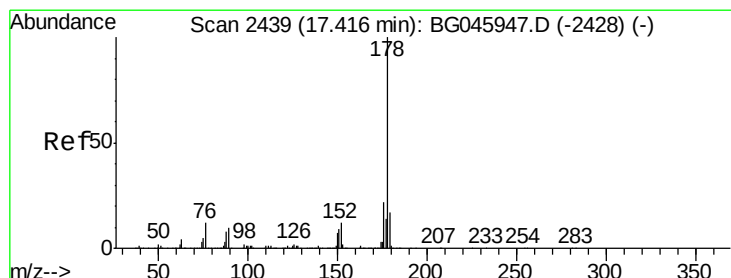
Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.8	77.8#
264	0.0	51.4	77.0#



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

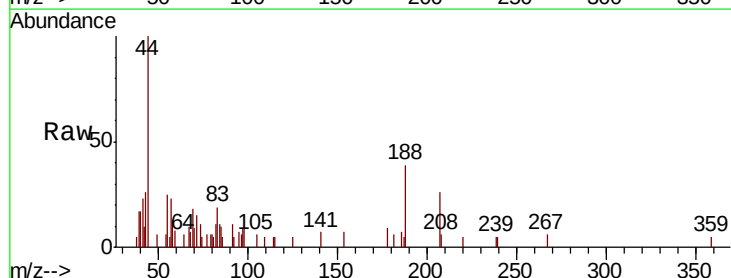


Time--> 16.82 16.84 16.86

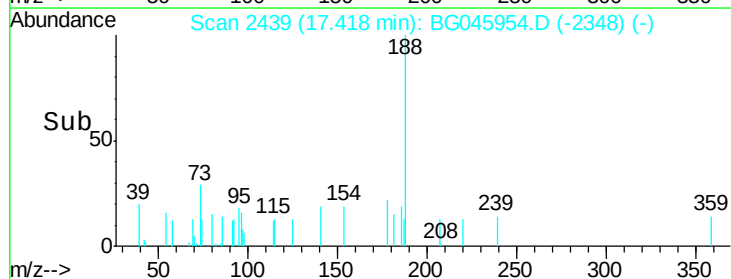
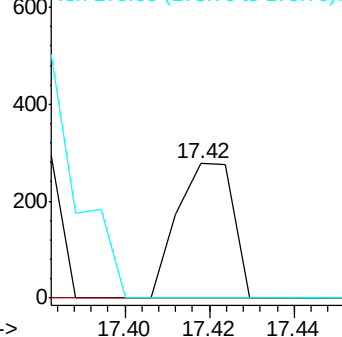


#71
 Phenanthrene
 Concen: 0.005 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. 0.00 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

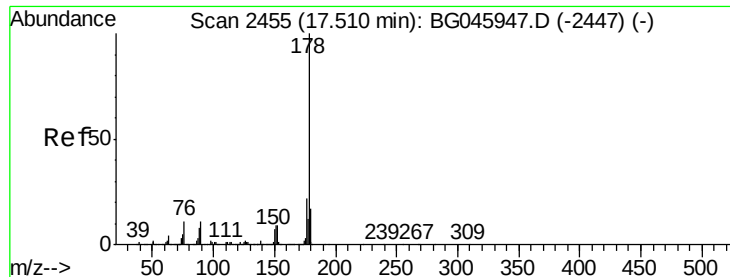
Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	17.4	26.2#
179	0.0	13.4	20.2#



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



Time--> 17.40 17.42 17.44



#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

Instrument :

BNA_G

ClientSampled :

PB129891BL

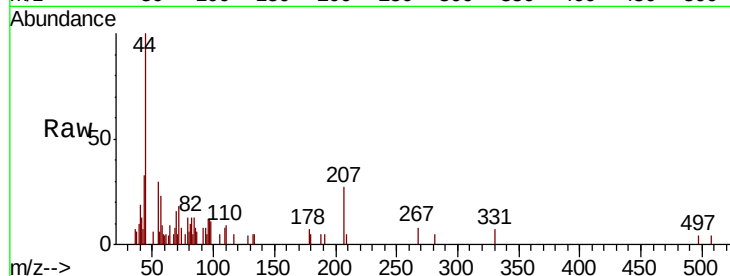
Tot Ion:178 Resp: 86

Ion Ratio Lower Upper

178 100

176 0.0 17.2 25.8#

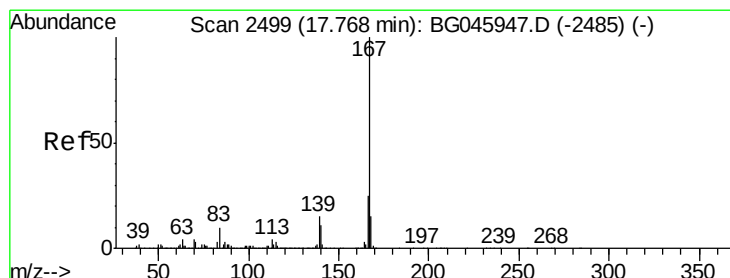
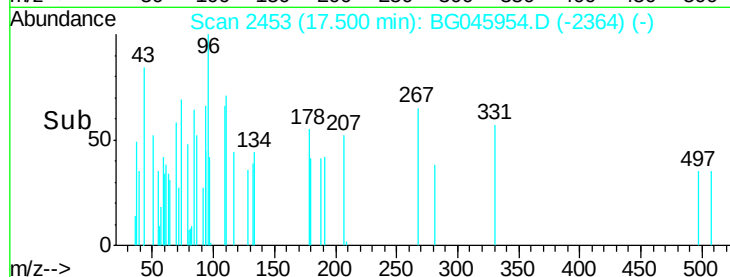
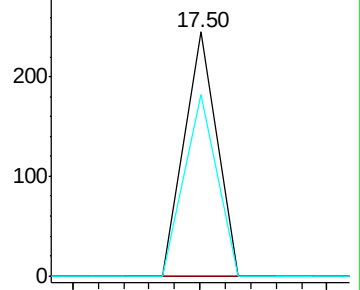
179 74.3 14.0 21.0#



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

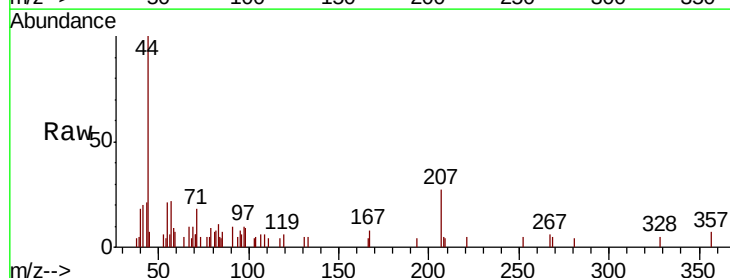
Tgt Ion:167 Resp: 330

Ion Ratio Lower Upper

167 100

166 53.8 20.4 30.6#

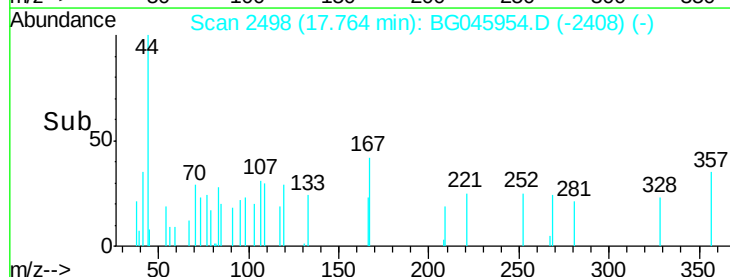
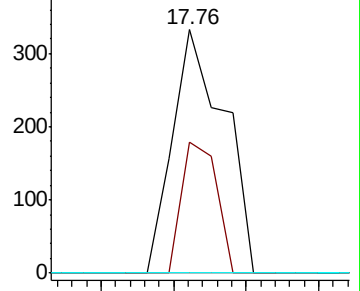
139 0.0 11.8 17.8#

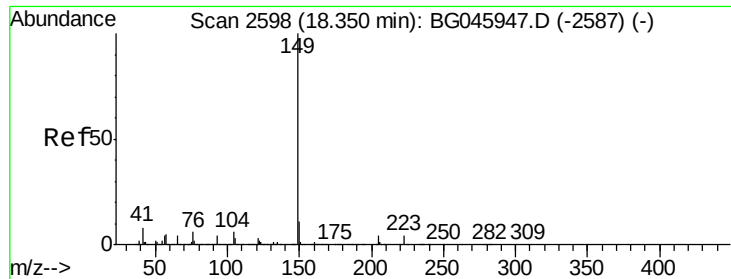


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#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

Instrument :

BNA_G

ClientSampleId :

PB129891BL

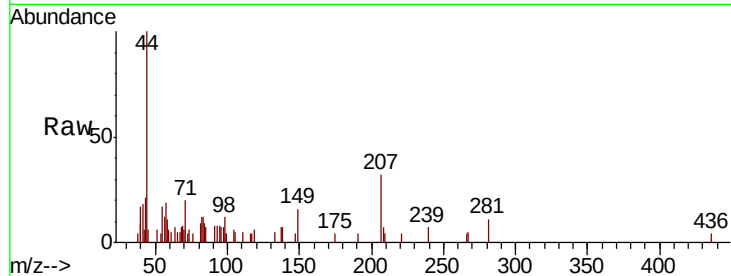
Tot Ion:149 Resp: 1151

Ion Ratio Lower Upper

149 100

150 0.0 9.0 13.4#

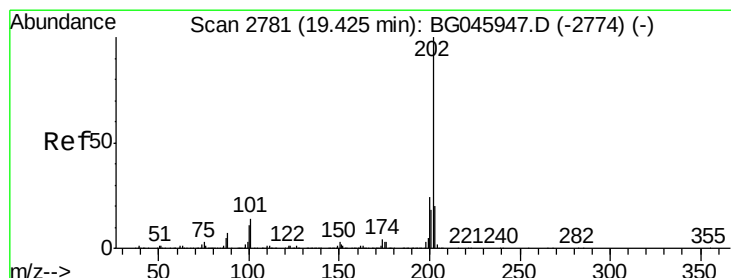
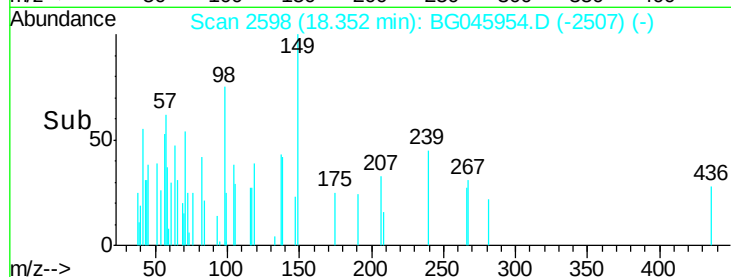
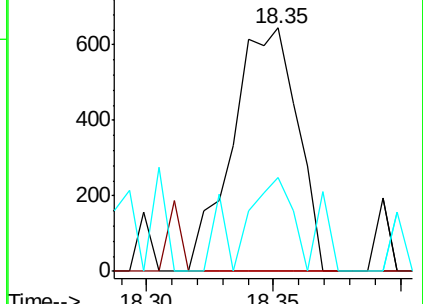
104 38.4 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#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

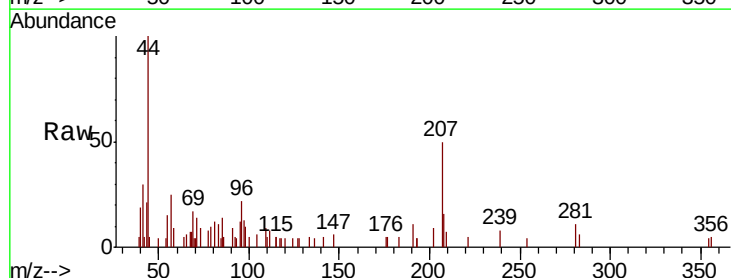
Tgt Ion:202 Resp: 129

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.8

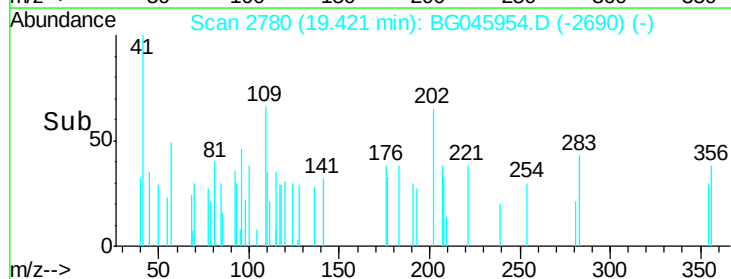
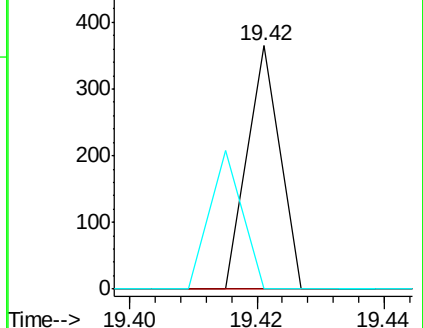
203 0.0 0.4 40.4#

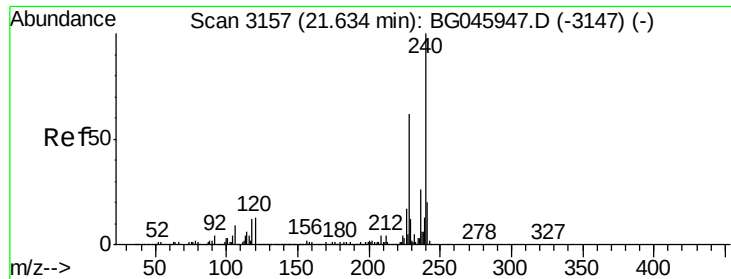


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

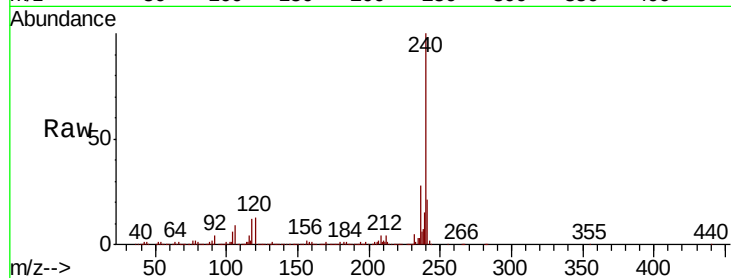




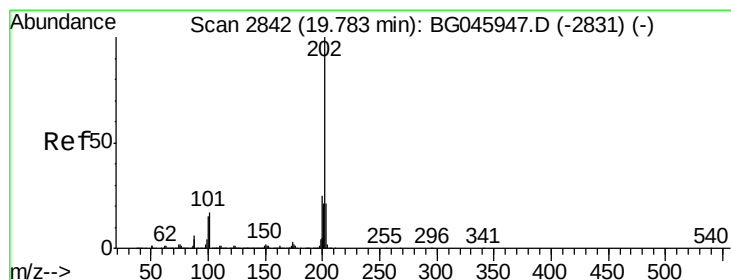
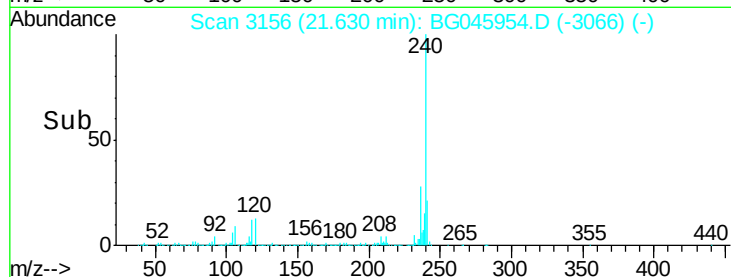
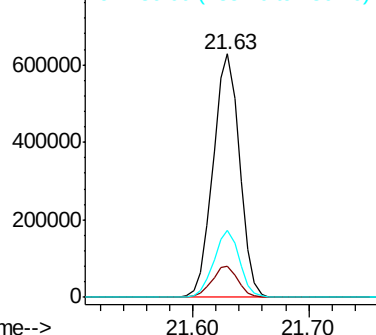
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

Instrument :
BNA_G
ClientSampleId :
PB129891BL

Tot Ion:240 Resp: 997788
Ion Ratio Lower Upper
240 100
120 12.7 10.6 16.0
236 27.5 20.4 30.6

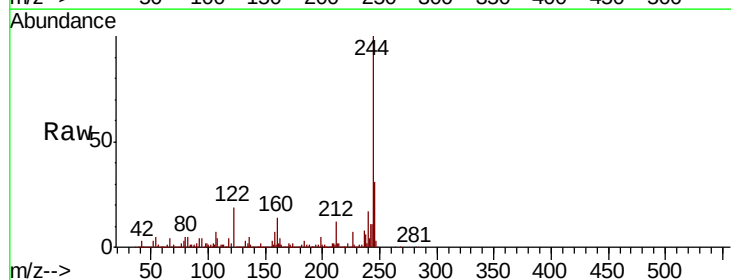


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

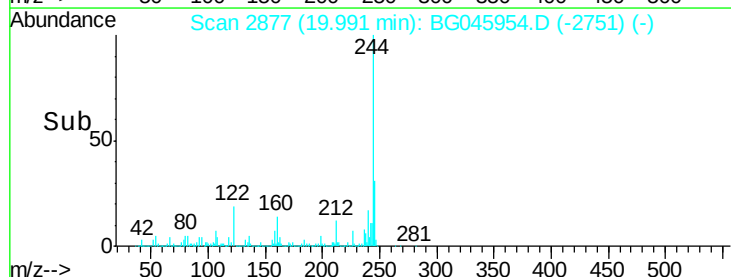
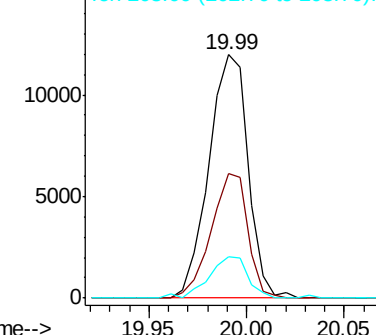


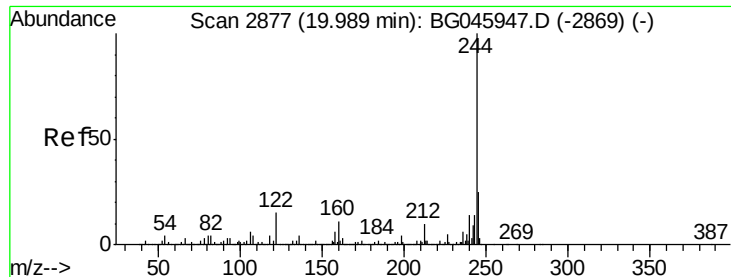
#78
Pyrene
Concen: 0.244 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.21 min
Lab File: BG045954.D
Acq: 7 Jul 2020 9:44

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

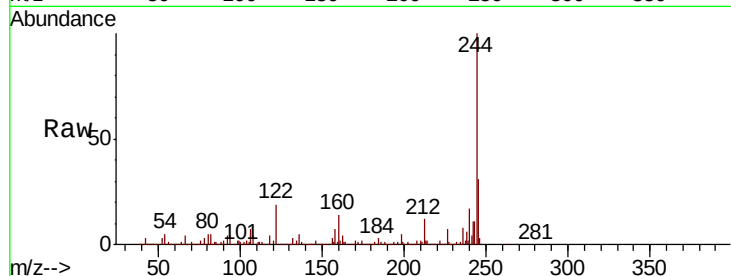
Tot Ion:244 Resp: 3219329

Ion Ratio Lower Upper

244 100

212 12.4 8.3 12.5

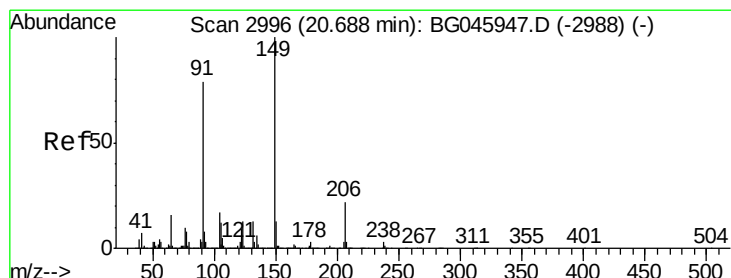
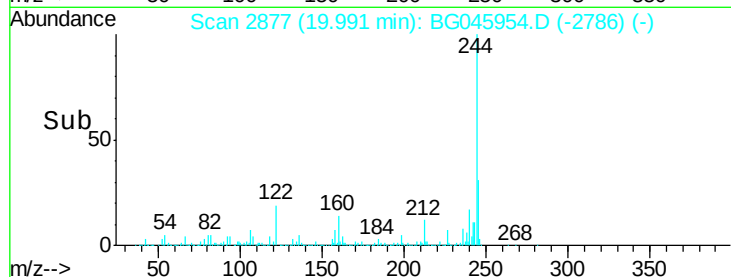
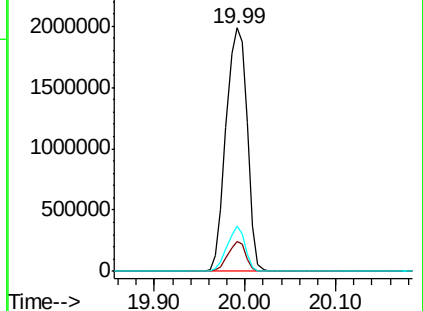
122 18.6 12.1 18.1#



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

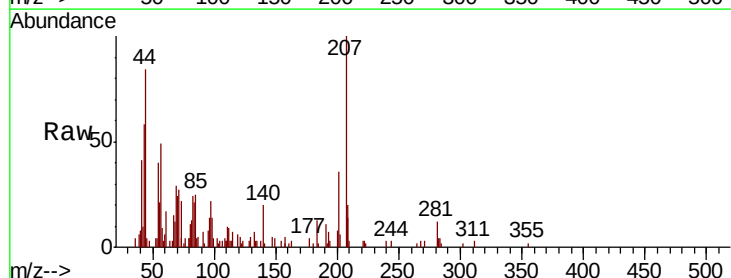
Tgt Ion:149 Resp: 314

Ion Ratio Lower Upper

149 100

91 178.7 63.1 94.7#

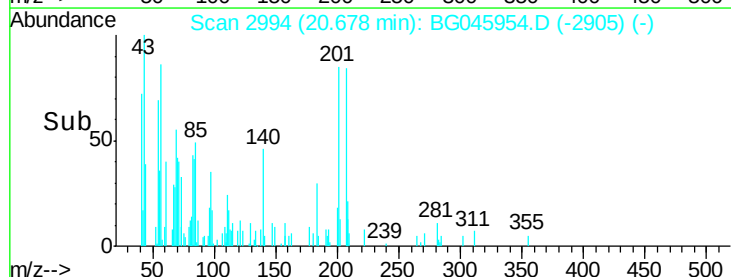
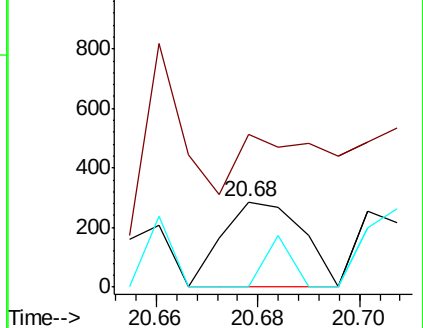
206 0.0 17.4 26.0#

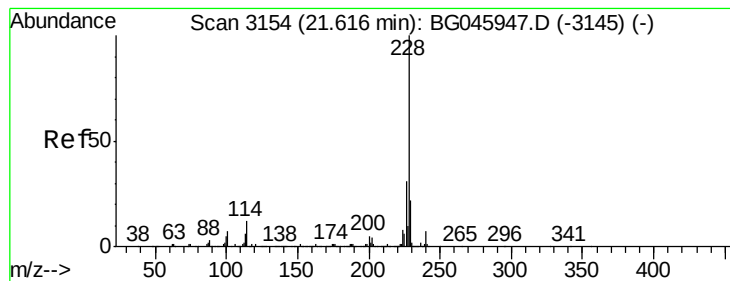


Abundance Ion 149.00 (148.70 to 149.70): E

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

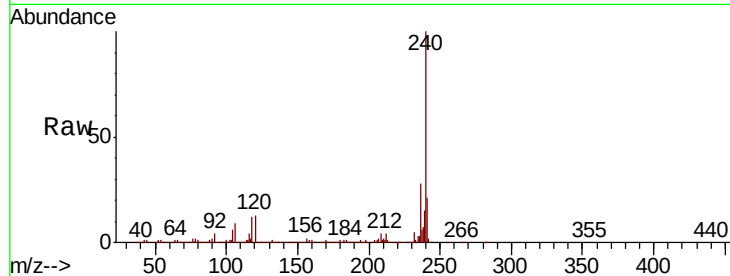
Tot Ion:228 Resp: 3848

Ion Ratio Lower Upper

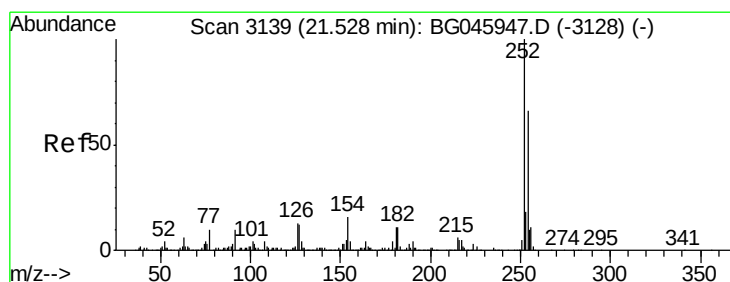
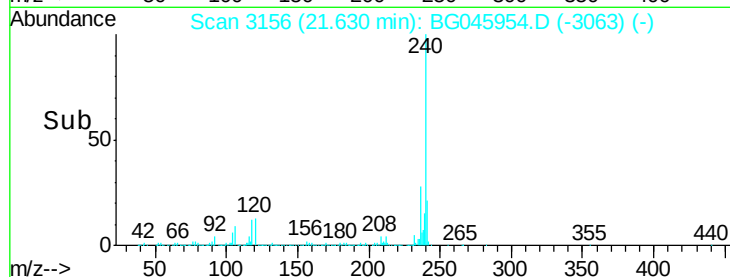
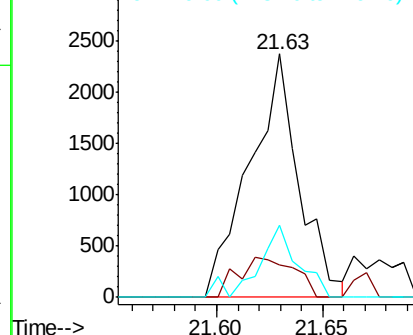
228 100

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

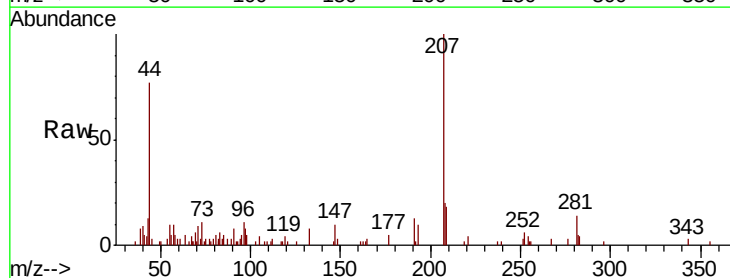
Tgt Ion:252 Resp: 922

Ion Ratio Lower Upper

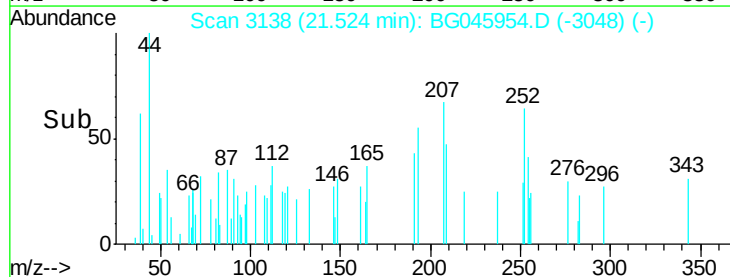
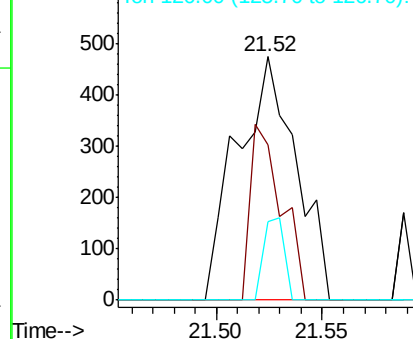
252 100

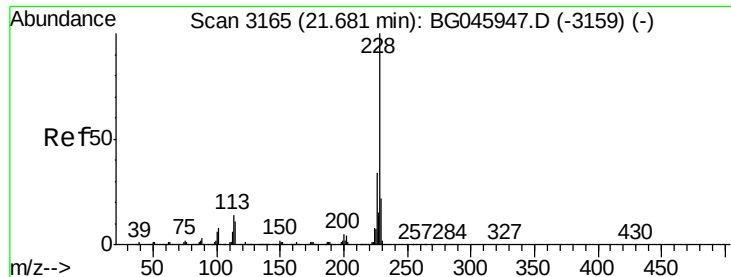
254 63.9 52.9 79.3

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

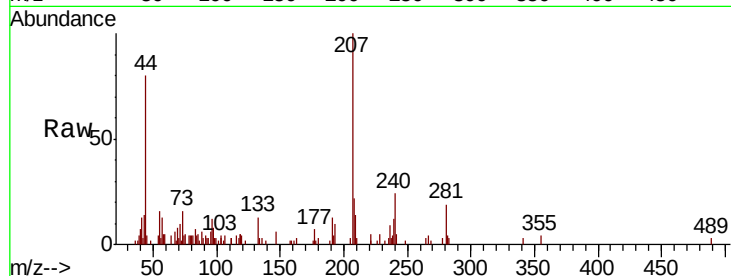
Tot Ion:228 Resp: 594

Ion Ratio Lower Upper

228 100

226 40.5 26.7 40.1#

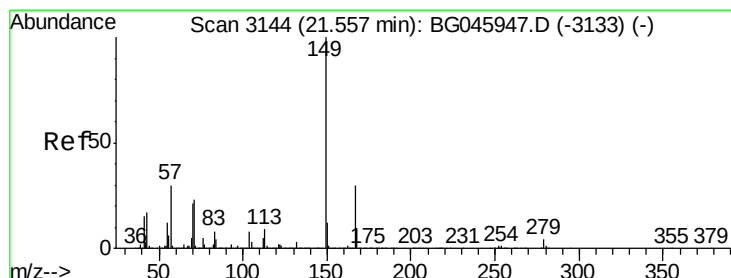
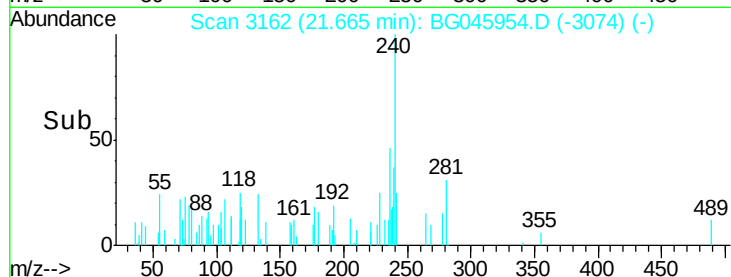
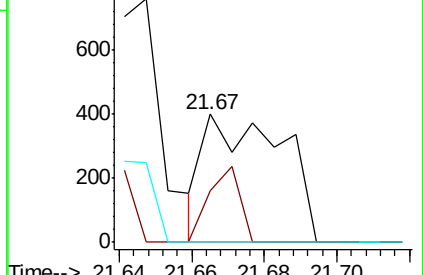
229 0.0 17.3 25.9#



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



#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

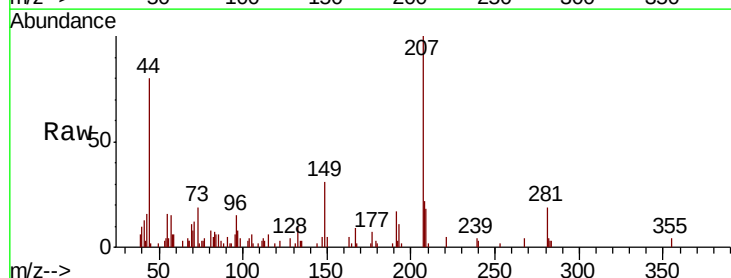
Tgt Ion:149 Resp: 3889

Ion Ratio Lower Upper

149 100

167 30.1 23.8 35.8

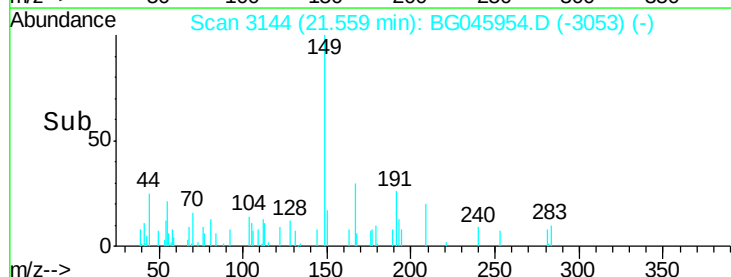
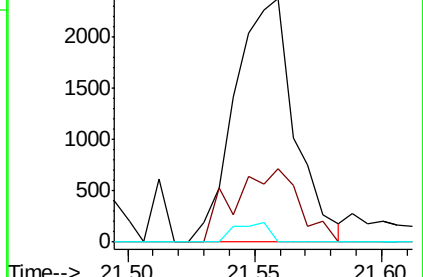
279 0.0 3.5 5.3#

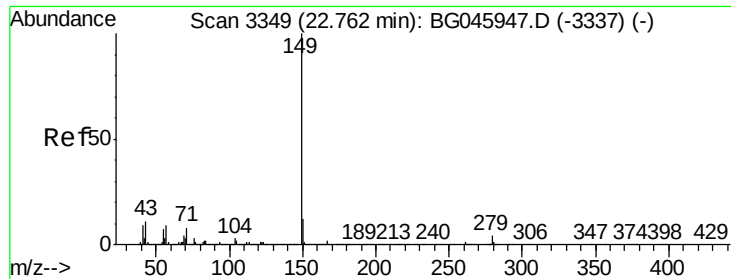


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#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

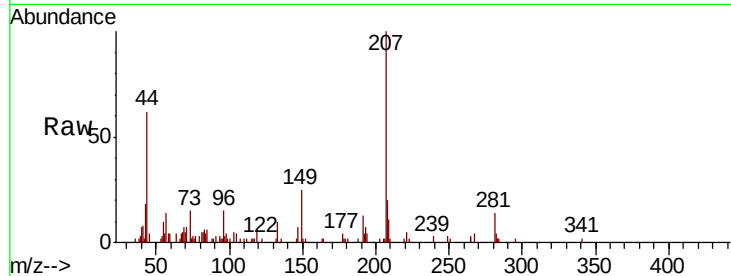
Tot Ion:149 Resp: 4452

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

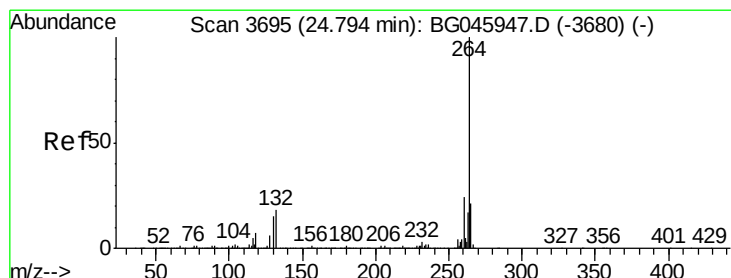
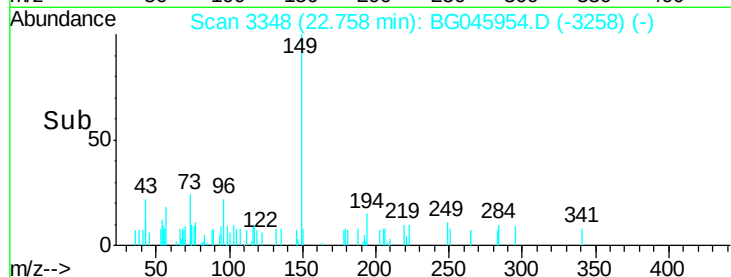
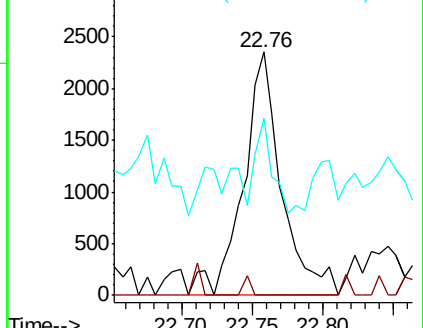
43 0.0 8.6 12.8#



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

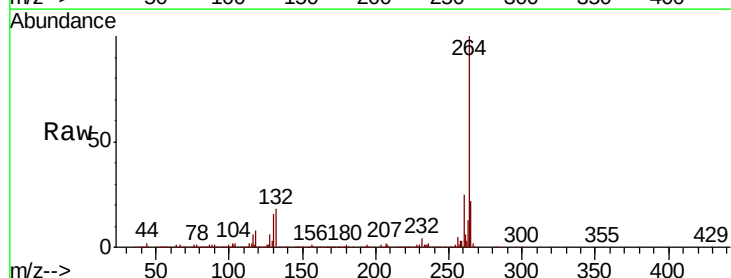
Tgt Ion:264 Resp: 1042461

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

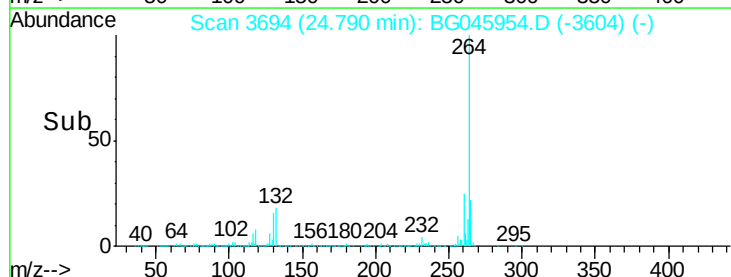
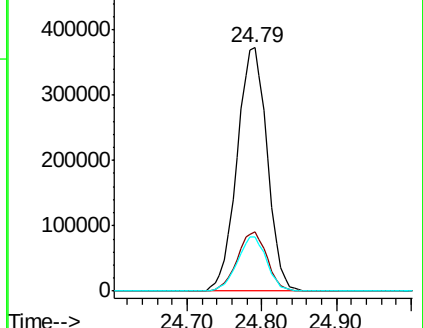
265 22.3 16.9 25.3

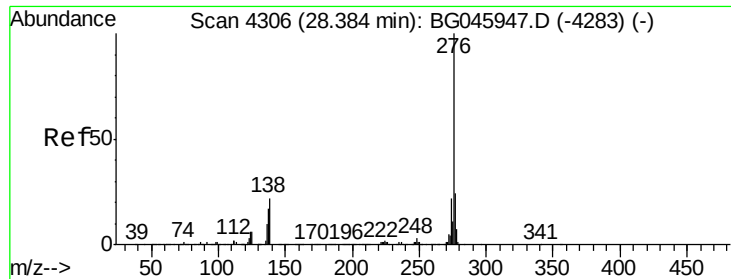


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

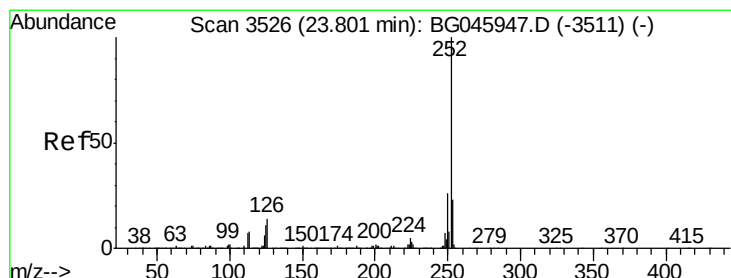
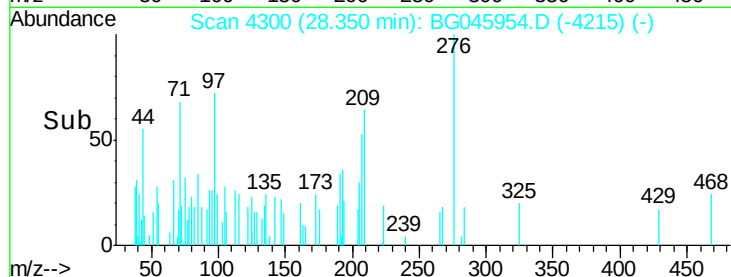
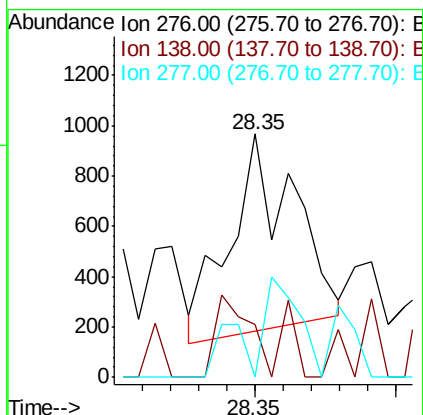
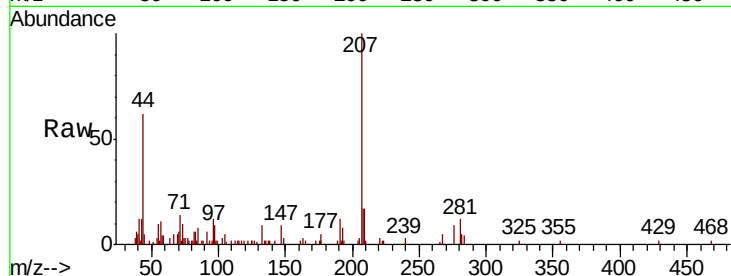




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 0.016 ng
 RT: 28.35 min Scan# 4300
 Delta R.T. -0.03 min
 Lab File: BG045954.D
 Acq: 7 Jul 2020 9:44

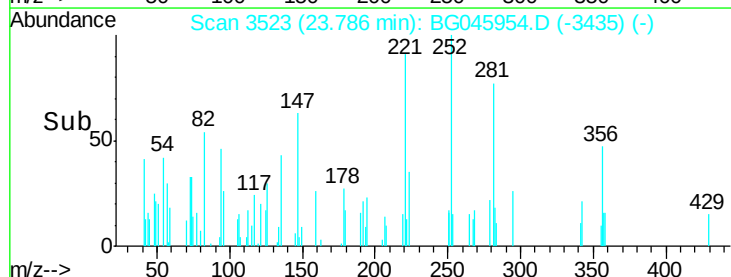
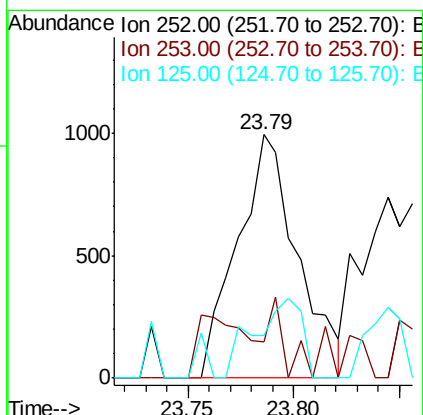
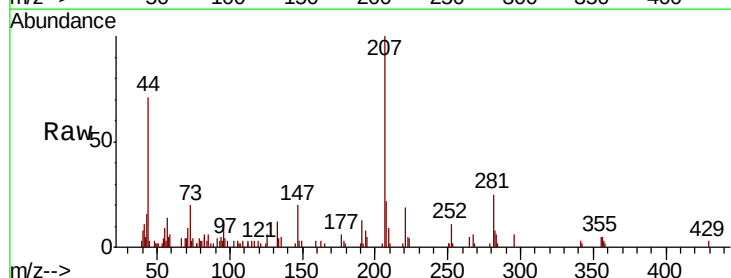
Instrument :
 BNA_G
 ClientSampleId :
 PB129891BL

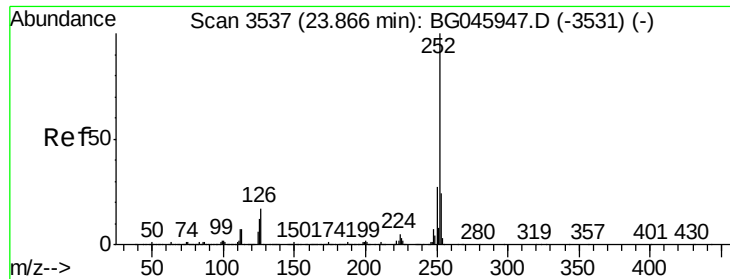
Tot Ion:276 Resp: 1230
 Ion Ratio Lower Upper
 276 100
 138 22.3 16.4 24.6
 277 38.6 20.6 31.0#



#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

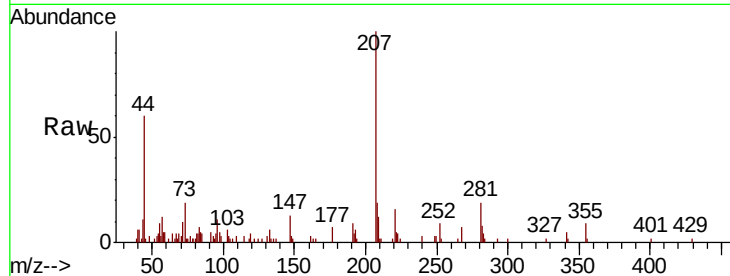
Tot Ion:252 Resp: 2127

Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

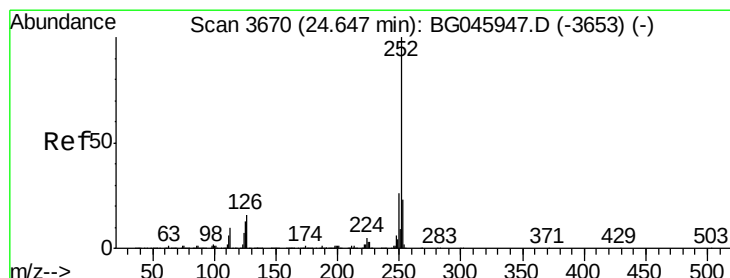
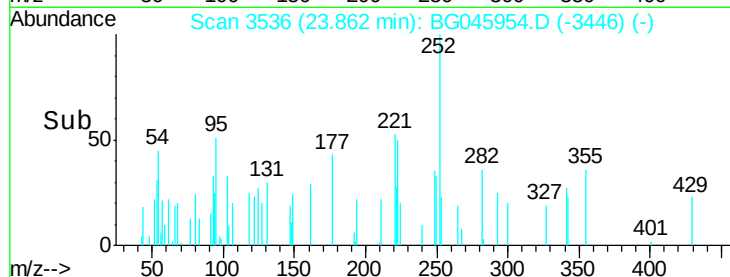
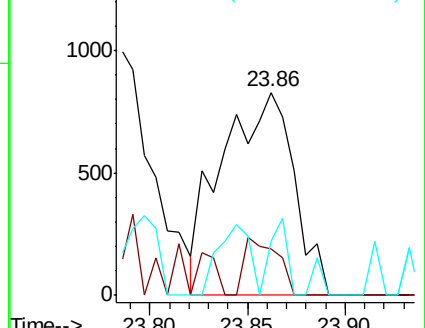
125 26.5 9.6 14.4#



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

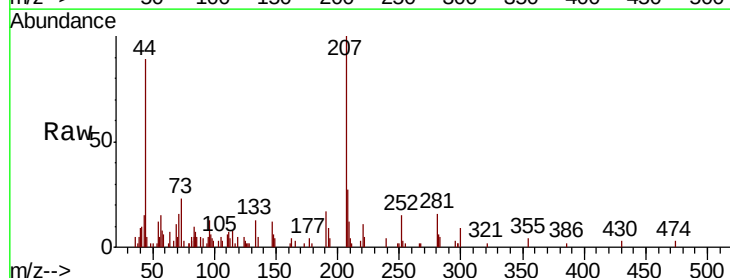
Tgt Ion:252 Resp: 2359

Ion Ratio Lower Upper

252 100

253 19.8 18.6 28.0

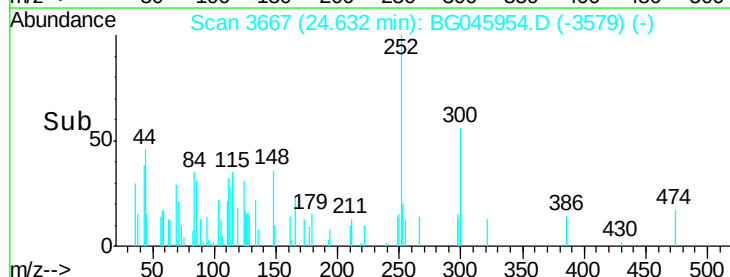
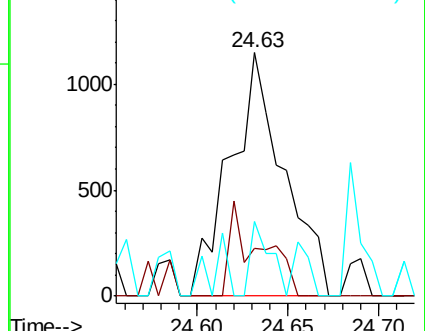
125 30.7 10.5 15.7#

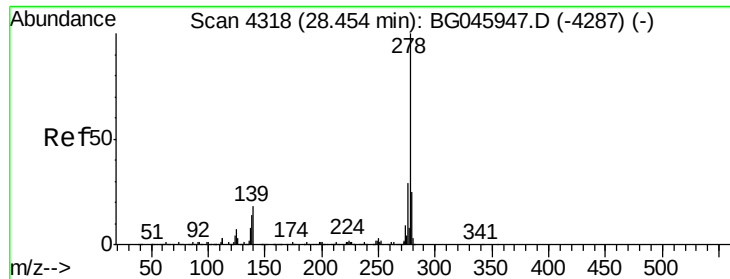


Abundance Ion 252.00 (251.70 to 252.70): E

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

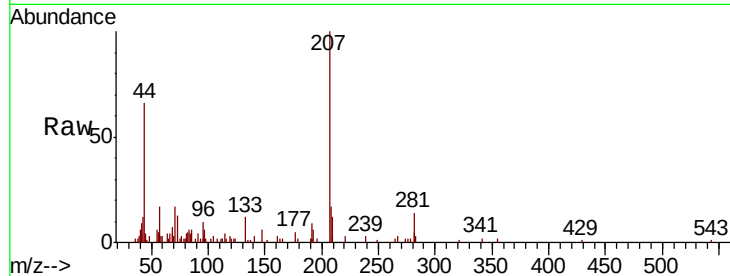
Tot Ion:278 Resp: 176

Ion Ratio Lower Upper

278 100

139 0.0 14.3 21.5#

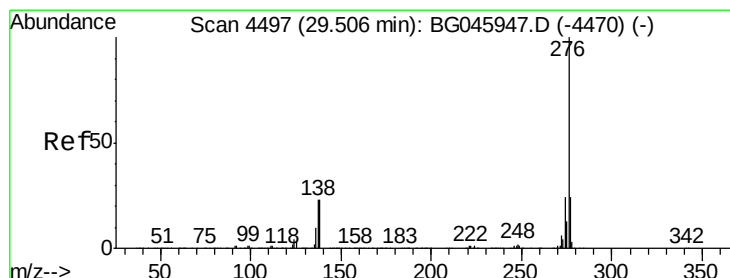
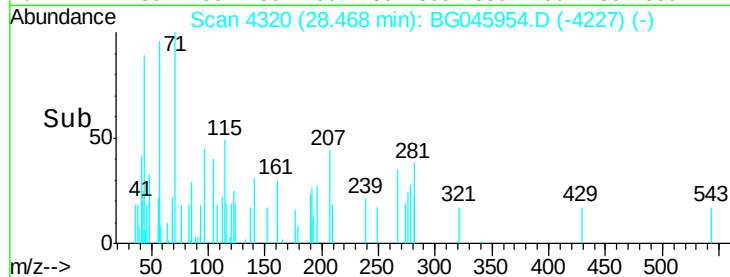
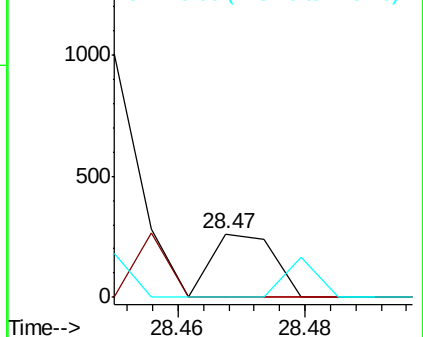
279 0.0 19.8 29.6#



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

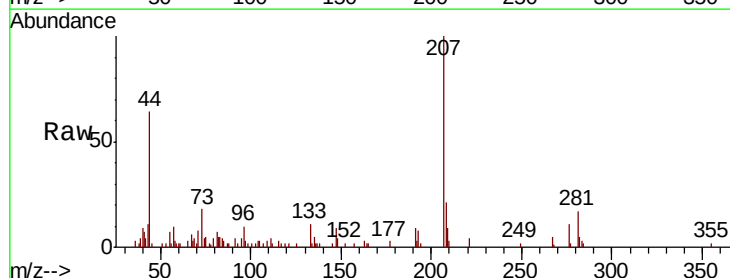
Tgt Ion:276 Resp: 1809

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

