

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045930.D
 Acq On : 3 Jul 2020 2:47
 Operator : CG/JU
 Sample : PB129945BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129945BS

Quant Time: Jul 03 06:53:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	47524	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	180470	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	127566	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	323337	20.00	ng	0.00
76) Chrysene-d12	21.51	240	323446	20.00	ng	0.00
86) Perylene-d12	24.59	264	345022	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	393359	139.82	ng	0.00
7) Phenol-d6	7.07	99	556843	130.12	ng	0.00
23) Nitrobenzene-d5	9.02	82	357826	90.58	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	251740	130.71	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	771070	88.83	ng	0.00
79) Terphenyl-d14	19.89	244	1508742	94.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	48723	37.813	ng	93
3) Pyridine	3.68	79	138468	36.264	ng	96
4) n-Nitrosodimethylamine	3.60	42	57541	44.895	ng	97
6) Aniline	7.18	93	176224	34.974	ng	99
8) 2-Chlorophenol	7.43	128	142239	47.234	ng	96
9) Benzaldehyde	6.99	77	60593	23.574	ng	96
10) Phenol	7.10	94	192738	46.483	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	134466	42.695	ng	99
12) 1,3-Dichlorobenzene	7.74	146	153194	42.688	ng	97
13) 1,4-Dichlorobenzene	7.89	146	154327	43.054	ng	98
14) 1,2-Dichlorobenzene	8.21	146	144360	42.067	ng	99
15) Benzyl Alcohol	8.11	79	142145	42.923	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.38	45	126535	42.630	ng	98
17) 2-Methylphenol	8.34	107	127446	41.301	ng	97
18) Hexachloroethane	8.94	117	59827	43.945	ng	95
19) n-Nitroso-di-n-propylamine	8.67	70	121418	43.157	ng	98
20) 3+4-Methylphenols	8.67	107	171996	42.382	ng	# 88
22) Acetophenone	8.68	105	211861	42.771	ng	# 98
24) Nitrobenzene	9.06	77	184282	43.750	ng	99
25) Isophorone	9.58	82	327609	42.838	ng	99
26) 2-Nitrophenol	9.78	139	78768	44.886	ng	94
27) 2,4-Dimethylphenol	9.86	122	129418	48.305	ng	97
28) bis(2-Chloroethoxy)methane	10.07	93	177494	44.431	ng	98
29) 2,4-Dichlorophenol	10.33	162	144046	46.083	ng	98
30) 1,2,4-Trichlorobenzene	10.53	180	158087	42.721	ng	99
31) Naphthalene	10.71	128	428744	43.454	ng	98
32) Benzoic acid	10.06	122	64576	39.191	ng	88
33) 4-Chloroaniline	10.83	127	114153	27.628	ng	98
34) Hexachlorobutadiene	11.00	225	107689	40.919	ng	97
35) Caprolactam	11.60	113	26523	26.221	ng	95
36) 4-Chloro-3-methylphenol	12.00	107	165726	45.919	ng	91
37) 2-Methylnaphthalene	12.33	142	323223	43.993	ng	98
38) 1-Methylnaphthalene	12.55	142	309748	44.551	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	181765	43.273	ng	99

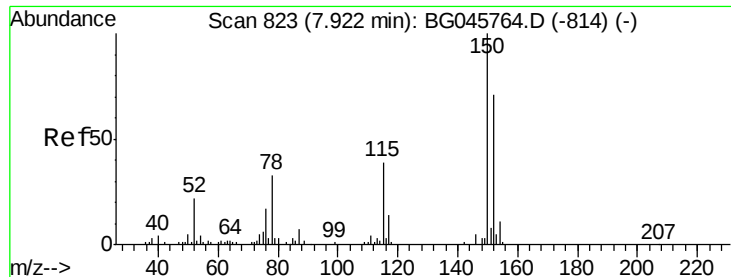
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
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 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	174309	75.640	ng	97
43) 2,4,6-Trichlorophenol	12.95	196	120831	42.428	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	125791	38.755	ng	97
46) 1,1'-Biphenyl	13.34	154	401772	43.991	ng	99
47) 2-Chloronaphthalene	13.38	162	315093	42.710	ng	97
48) 2-Nitroaniline	13.59	65	109759	44.726	ng	96
49) Acenaphthylene	14.23	152	518770	43.901	ng	99
50) Dimethylphthalate	13.97	163	443528	44.382	ng	100
51) 2,6-Dinitrotoluene	14.09	165	102172	45.520	ng	97
52) Acenaphthene	14.58	154	311419	43.477	ng	99
53) 3-Nitroaniline	14.43	138	72015	32.121	ng	97
54) 2,4-Dinitrophenol	14.64	184	100646	80.542	ng	95
55) Dibenzofuran	14.92	168	512409	44.036	ng	98
56) 4-Nitrophenol	14.79	139	128668	80.098	ng	95
57) 2,4-Dinitrotoluene	14.89	165	149281	46.419	ng	99
58) Fluorene	15.56	166	437614	45.228	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.16	232	119345	42.364	ng	95
60) Diethylphthalate	15.34	149	463423	45.362	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	236946	42.489	ng	98
62) 4-Nitroaniline	15.60	138	104822	45.556	ng	97
63) Azobenzene	15.85	77	458526	46.744	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	88595	44.337	ng	98
66) n-Nitrosodiphenylamine	15.77	169	389359	42.515	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	168159	40.025	ng	96
68) Hexachlorobenzene	16.58	284	183959	42.226	ng	98
69) Atrazine	16.73	200	159835	44.976	ng	96
70) Pentachlorophenol	16.93	266	113925	55.598	ng	97
71) Phenanthrene	17.31	178	734466	44.044	ng	97
72) Anthracene	17.39	178	758045	45.650	ng	100
73) Carbazole	17.67	167	713792	45.144	ng	99
74) Di-n-butylphthalate	18.23	149	875795	46.780	ng	98
75) Fluoranthene	19.32	202	973726	47.486	ng	99
77) Benzidine	19.50	184	423043	50.311	ng	99
78) Pyrene	19.68	202	958209	44.240	ng	100
80) Butylbenzylphthalate	20.57	149	404750	44.645	ng	98
81) Benzo(a)anthracene	21.50	228	931355	44.413	ng	98
82) 3,3'-Dichlorobenzidine	21.41	252	256968	32.396	ng	98
83) Chrysene	21.56	228	898538	44.300	ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	576377	45.707	ng	100
85) Di-n-octyl phthalate	22.57	149	988104	45.426	ng	100
87) Indeno(1,2,3-cd)pyrene	28.10	276	1173266	46.907	ng	99
88) Benzo(b)fluoranthene	23.63	252	993262	45.915	ng	99
89) Benzo(k)fluoranthene	23.69	252	988714	47.754	ng	99
90) Benzo(a)pyrene	24.45	252	930216	46.033	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	951732	47.450	ng	100
92) Benzo(g,h,i)perylene	29.18	276	951610	47.400	ng	97

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

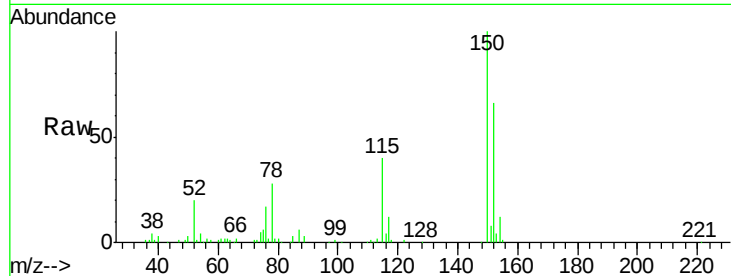


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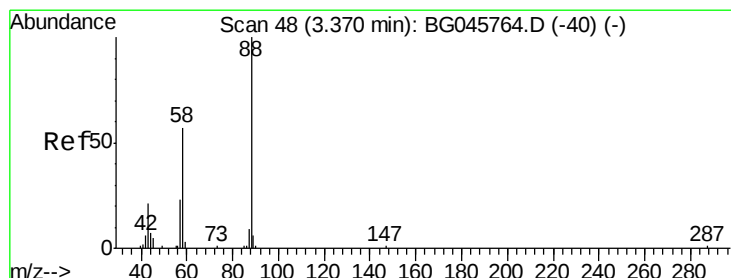
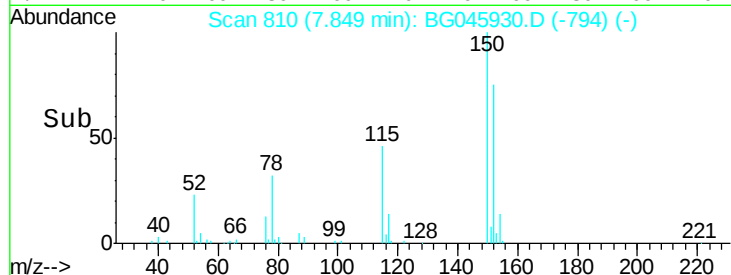
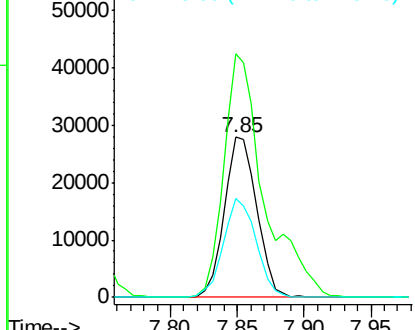
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Instrument :
BNA_G
ClientSampleId :
PB129945BS

Tot Ion:152 Resp: 47524
Ion Ratio Lower Upper
152 100
150 151.9 124.5 186.7
115 61.5 45.8 68.8



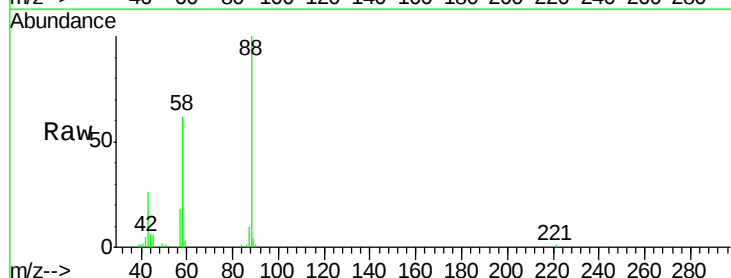
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



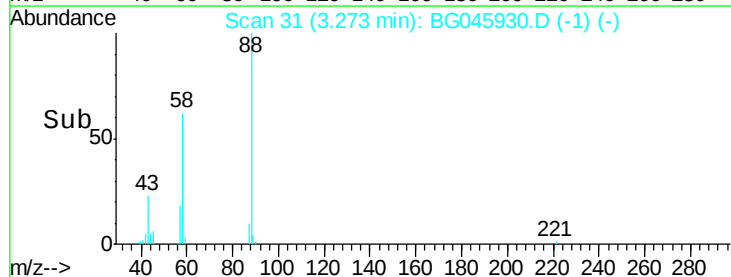
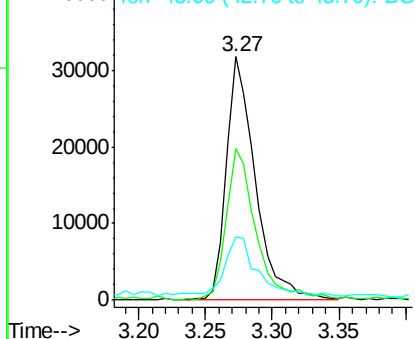
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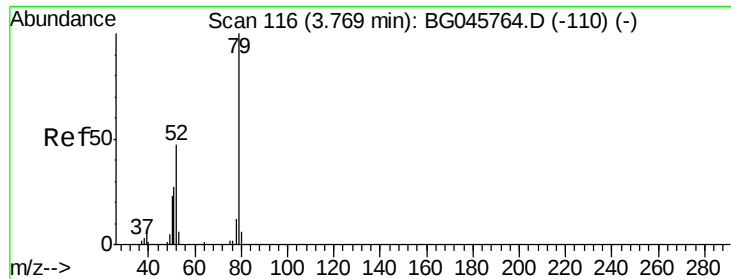
1,4-Dioxane
Concen: 37.813 ng
RT: 3.27 min Scan# 31
Delta R.T. -0.01 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion: 88 Resp: 48723
Ion Ratio Lower Upper
88 100
58 64.7 47.1 70.7
43 27.6 19.4 29.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.264 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

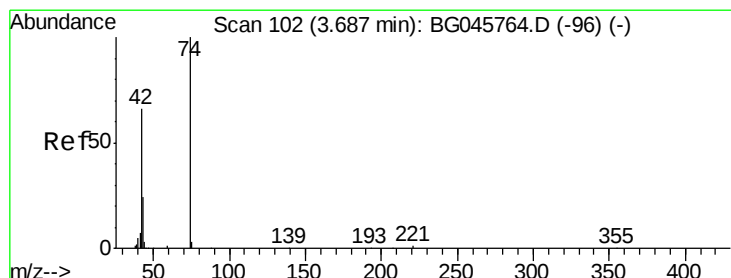
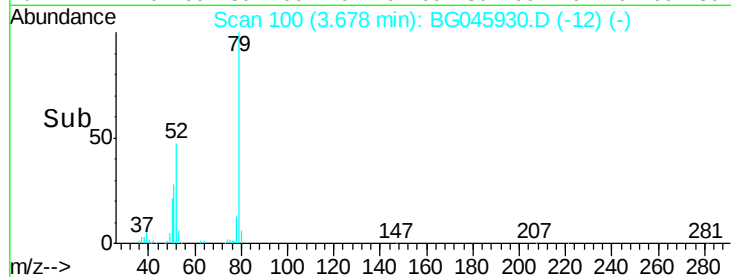
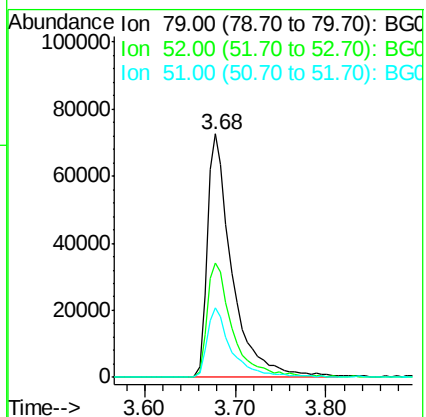
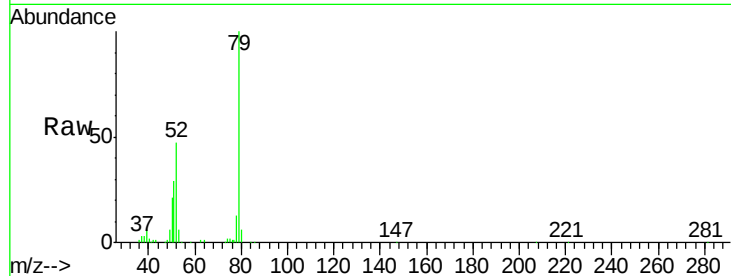
Tot Ion: 79 Resp: 138468

Ion Ratio Lower Upper

79 100

52 47.2 41.0 61.4

51 28.7 23.0 34.4



#4

n-Nitrosodimethylamine

Concen: 44.895 ng

RT: 3.60 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

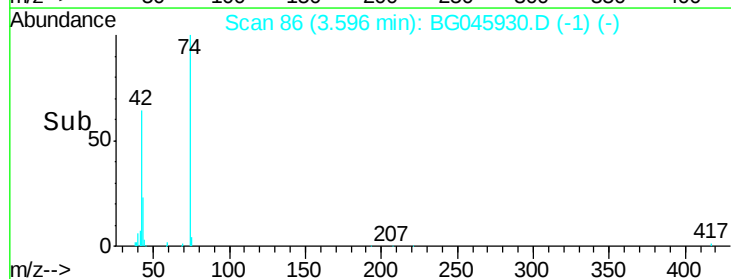
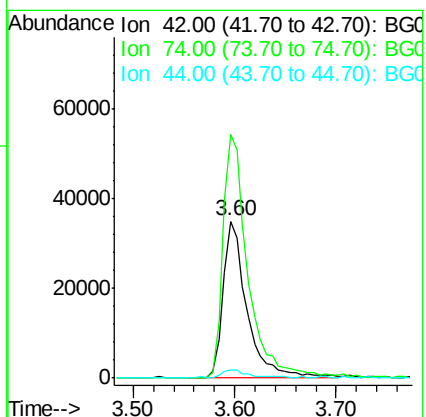
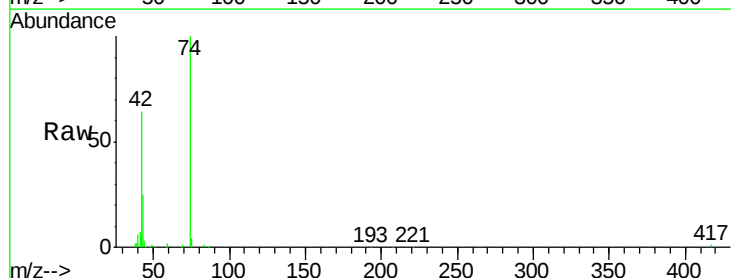
Tgt Ion: 42 Resp: 57541

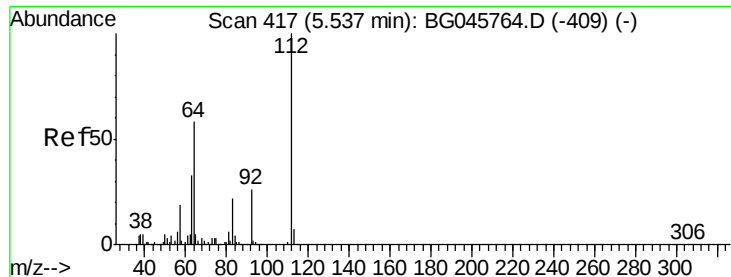
Ion Ratio Lower Upper

42 100

74 155.1 127.8 191.6

44 5.2 4.1 6.1





#5

2-Fluorophenol

Concen: 139.819 ng

RT: 5.45 min Scan# 401

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

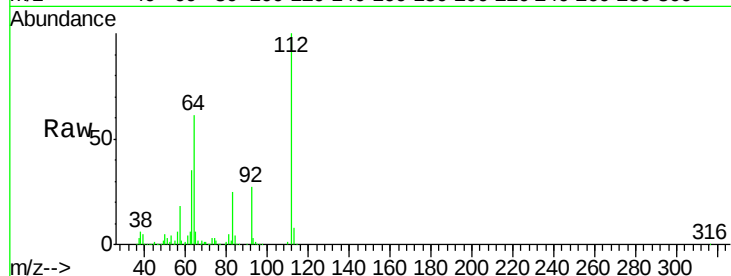
Tot Ion:112 Resp: 393359

Ion Ratio Lower Upper

112 100

64 61.1 44.9 67.3

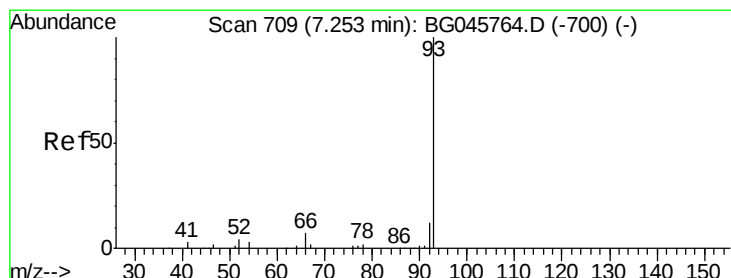
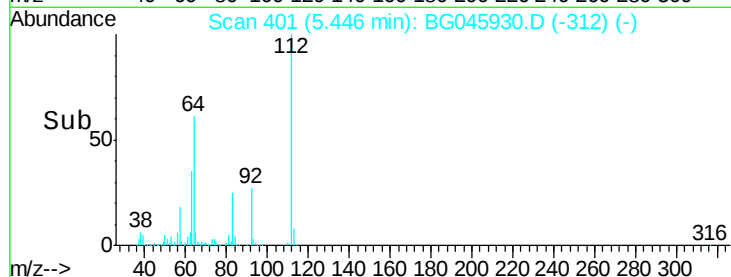
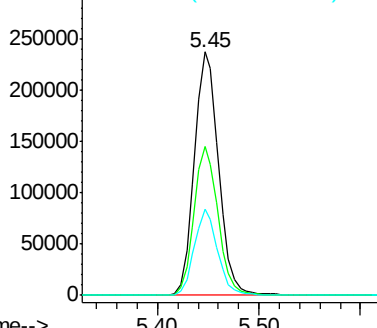
63 35.5 26.9 40.3



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: 34.974 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

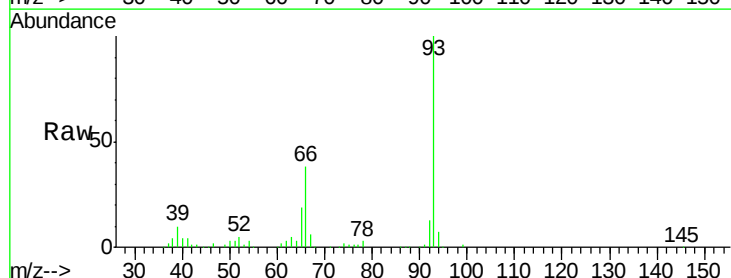
Tgt Ion: 93 Resp: 176224

Ion Ratio Lower Upper

93 100

66 37.8 30.4 45.6

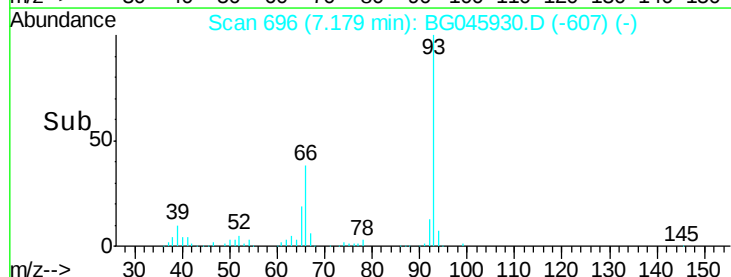
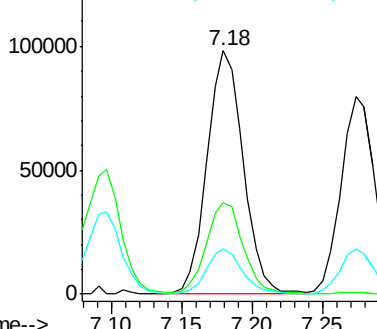
65 18.6 16.2 24.2

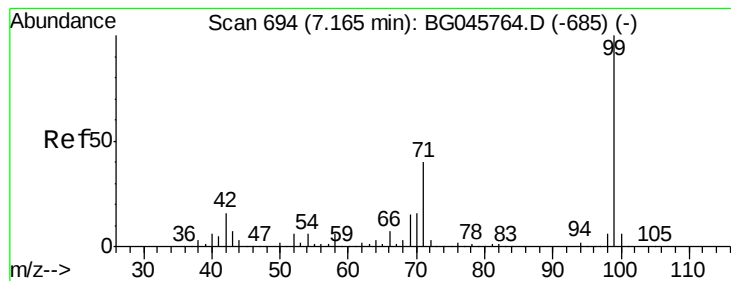


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.123 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

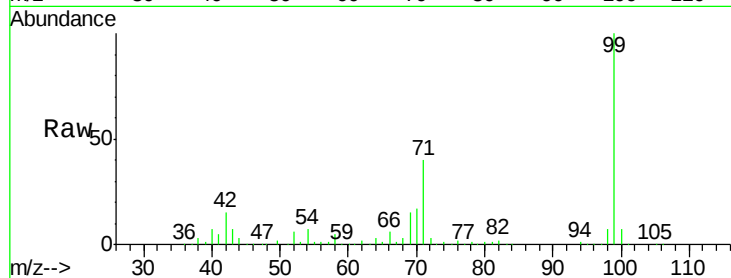
Tot Ion: 99 Resp: 556843

Ion Ratio Lower Upper

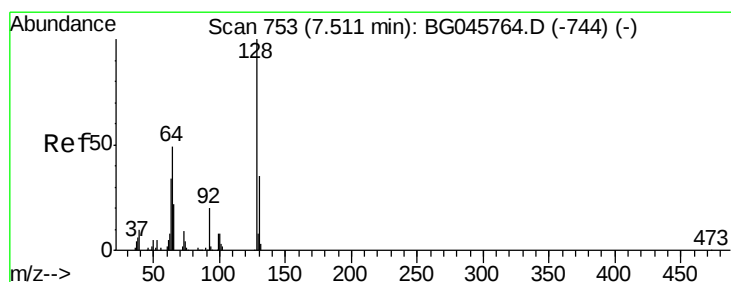
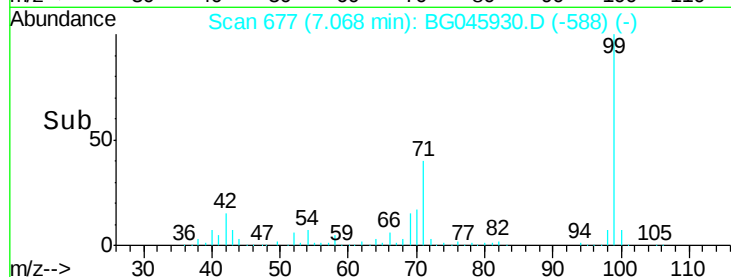
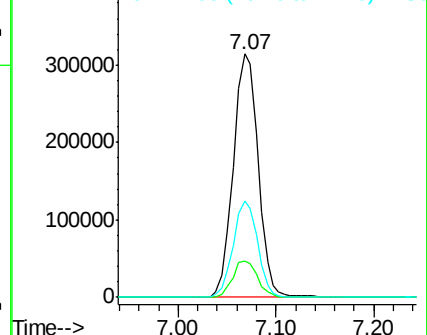
99 100

42 15.0 11.8 17.8

71 39.5 31.0 46.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.234 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

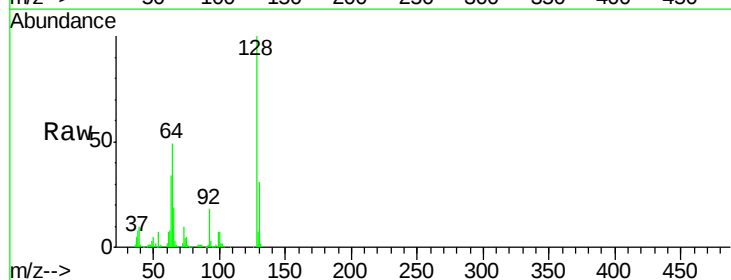
Tgt Ion: 128 Resp: 142239

Ion Ratio Lower Upper

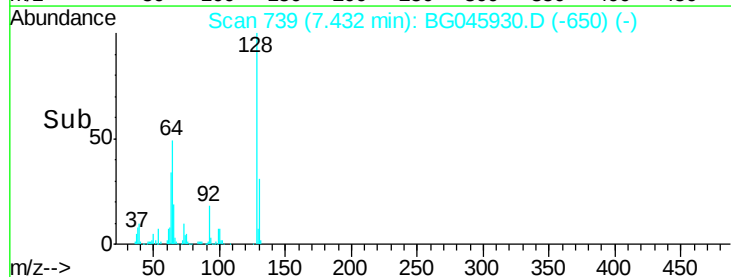
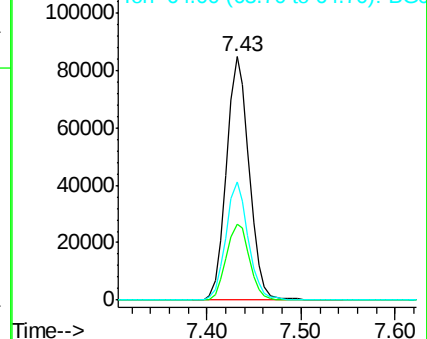
128 100

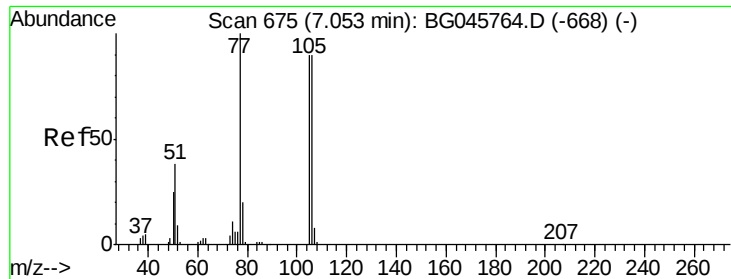
130 31.2 13.7 53.7

64 48.8 26.7 66.7



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: 23.574 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

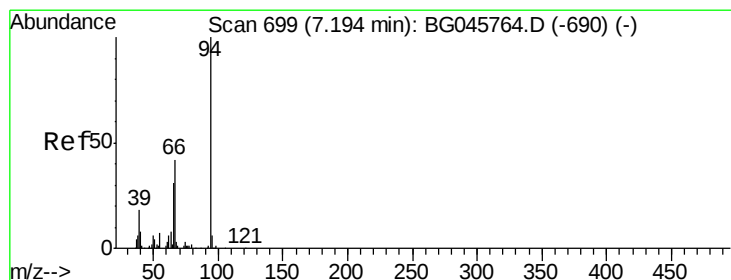
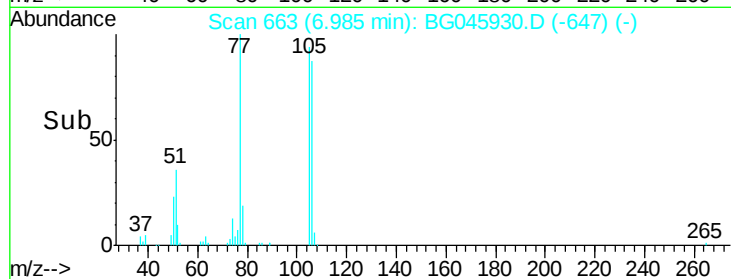
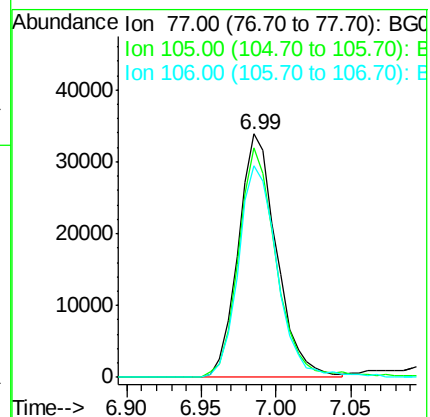
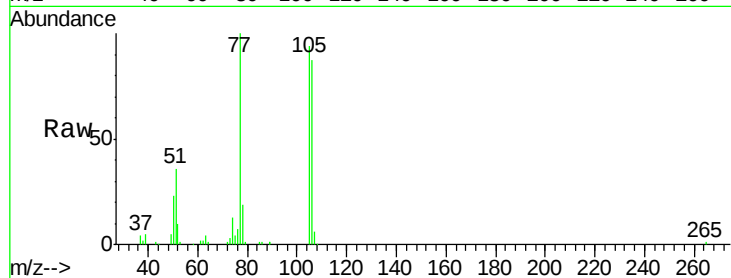
Tot Ion: 77 Resp: 60593

Ion Ratio Lower Upper

77 100

105 94.1 69.6 109.6

106 87.2 69.9 109.9



#10

Phenol

Concen: 46.483 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

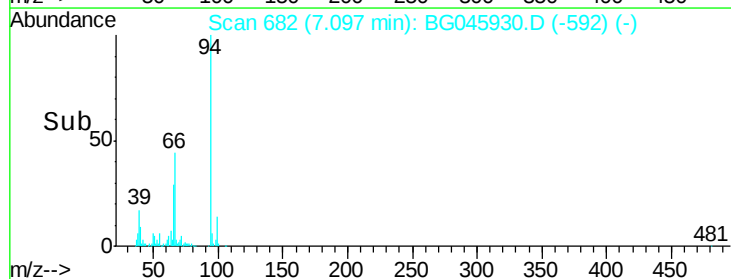
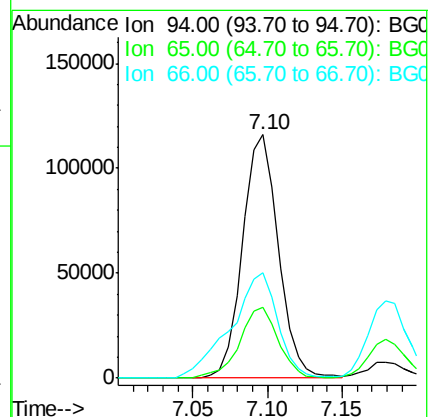
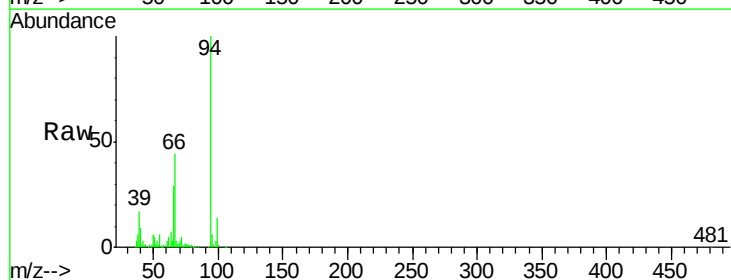
Tgt Ion: 94 Resp: 192738

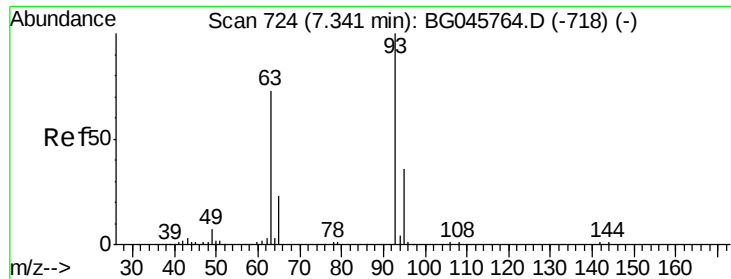
Ion Ratio Lower Upper

94 100

65 28.8 9.4 49.4

66 43.5 24.6 64.6

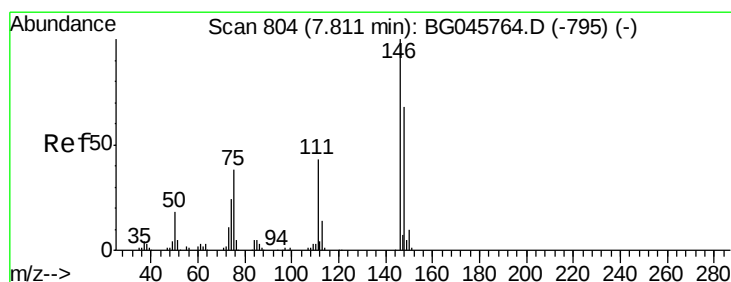
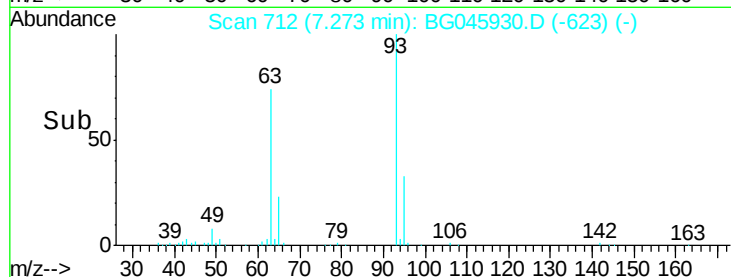
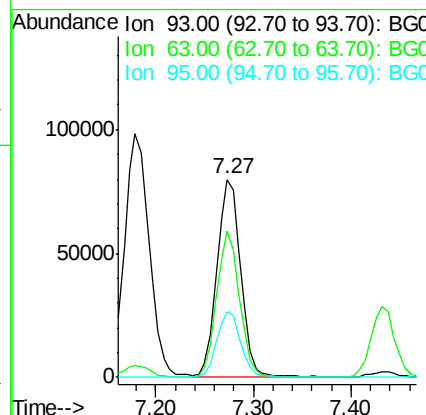
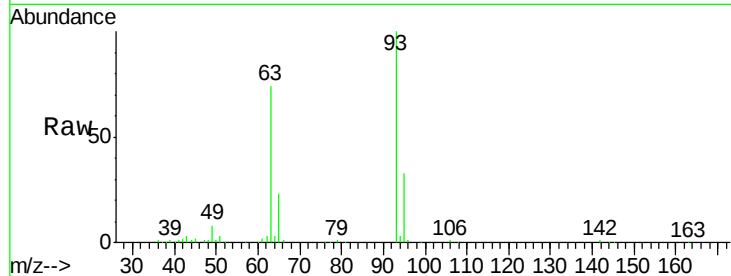




#11
 bis(2-Chloroethyl)ether
 Concen: 42.695 ng
 RT: 7.27 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

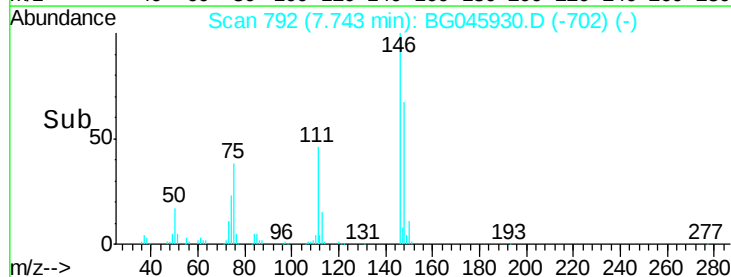
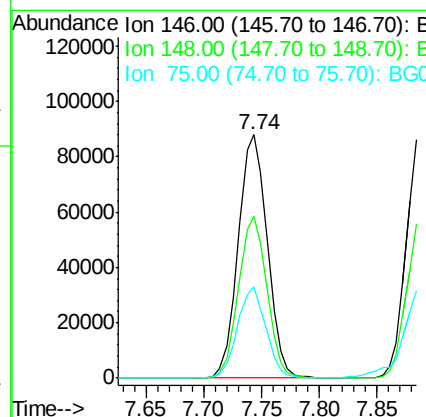
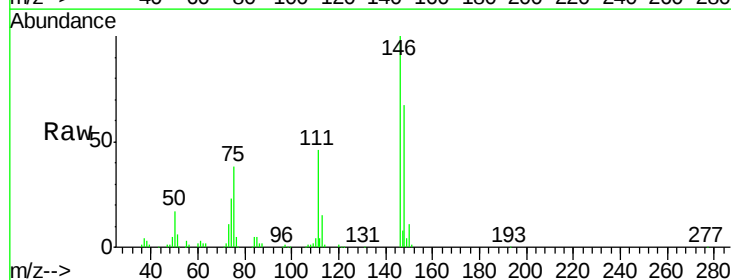
Instrument :
 BNA_G
 ClientSampleId :
 PB129945BS

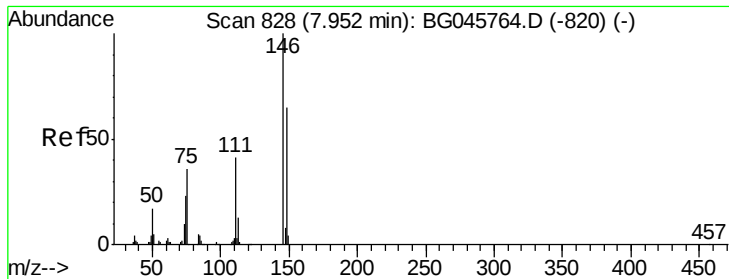
Tot Ion	93	63	95
134466	100	73.8	33.3
Resp:		52.8	13.0
Lower		92.8	53.0
Upper			



#12
 1,3-Dichlorobenzene
 Concen: 42.688 ng
 RT: 7.74 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Tgt Ion	146	148	75
153194	100	66.6	37.5
Resp:		55.1	31.4
Lower		82.7	47.0
Upper			





#13

1,4-Dichlorobenzene

Concen: 43.054 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

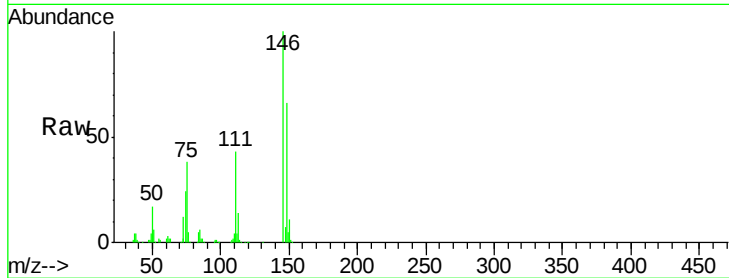
Tot Ion:146 Resp: 154327

Ion Ratio Lower Upper

146 100

148 65.6 54.2 81.4

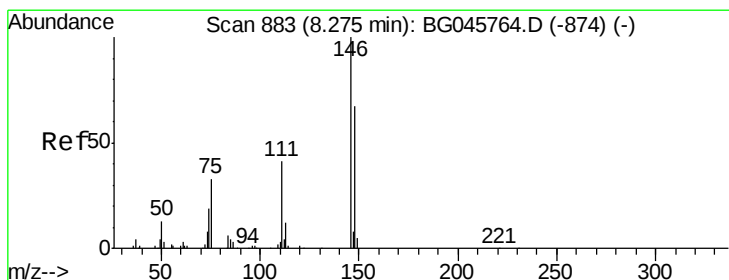
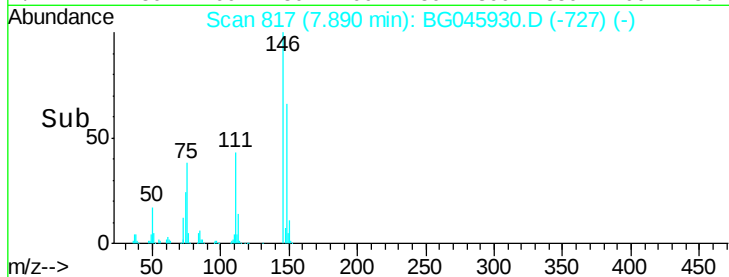
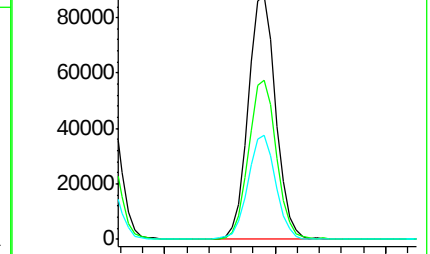
111 42.6 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.067 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

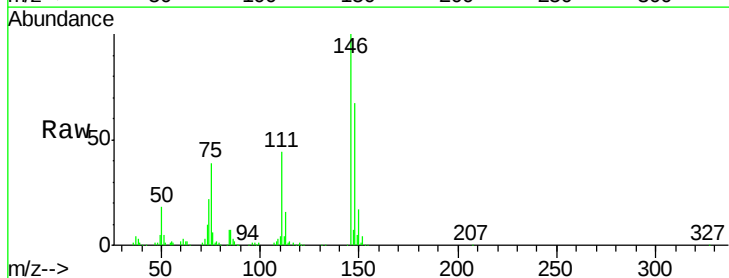
Tgt Ion:146 Resp: 144360

Ion Ratio Lower Upper

146 100

148 67.2 53.3 79.9

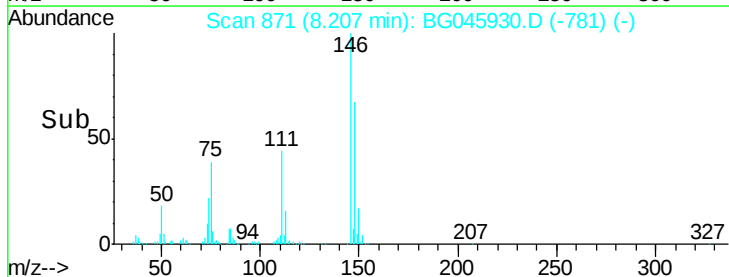
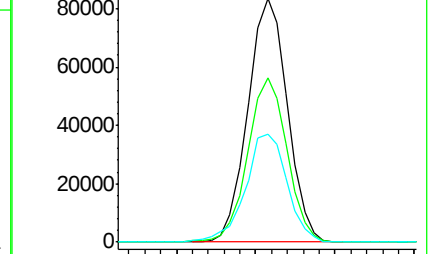
111 44.3 34.4 51.6

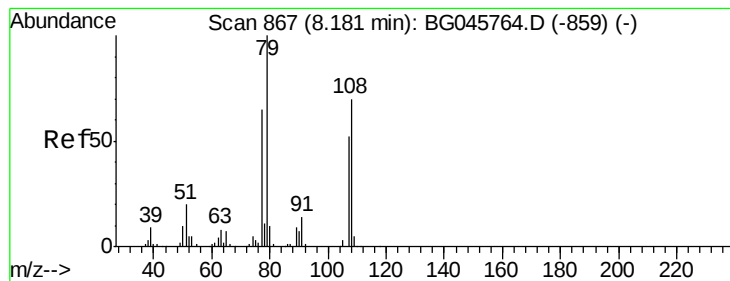


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.923 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

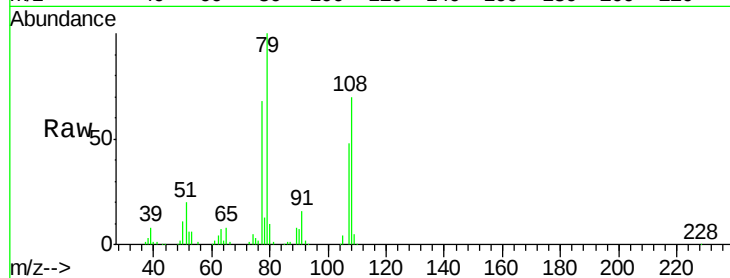
Tot Ion: 79 Resp: 142145

Ion Ratio Lower Upper

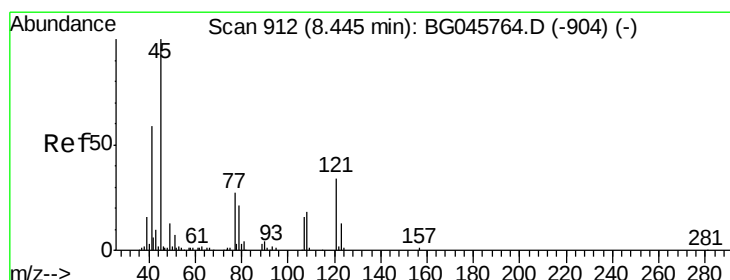
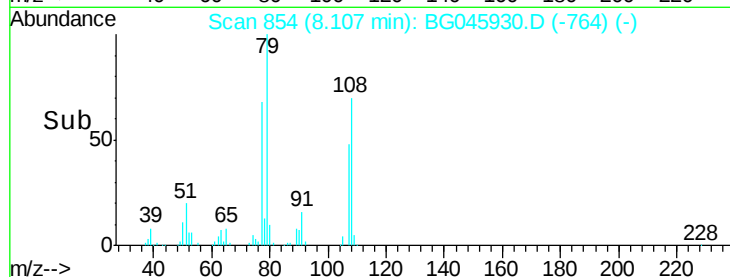
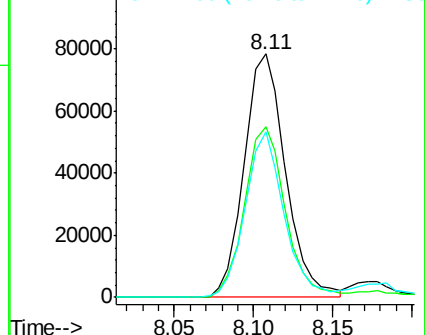
79 100

108 69.9 50.7 76.1

77 67.8 50.4 75.6



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: 42.630 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

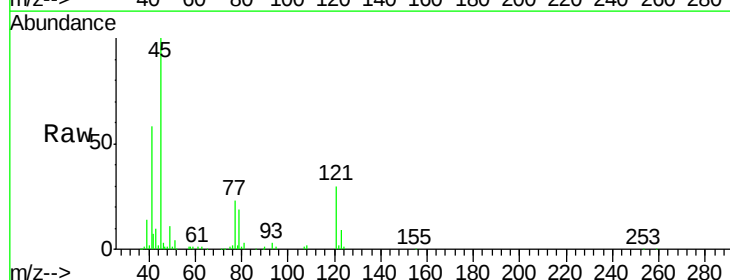
Tgt Ion: 45 Resp: 126535

Ion Ratio Lower Upper

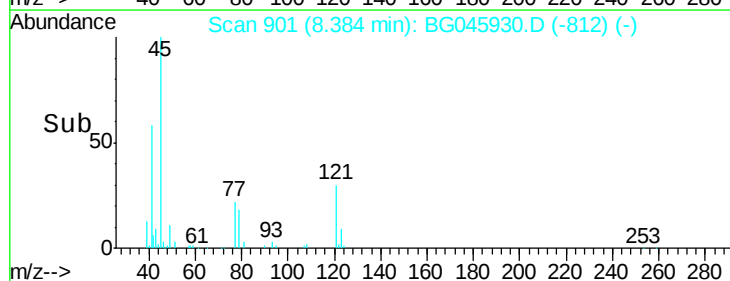
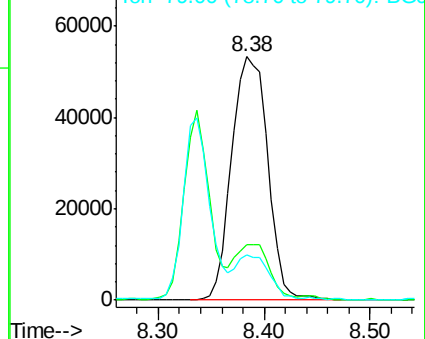
45 100

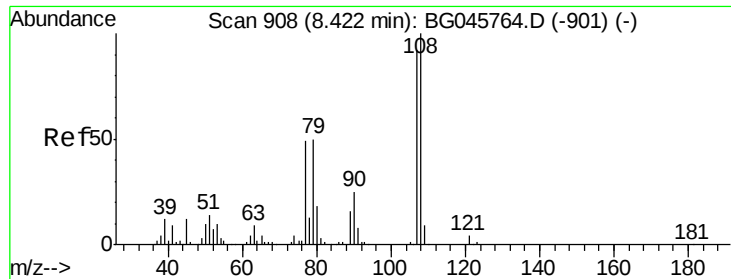
77 22.9 4.1 44.1

79 18.5 0.0 38.0



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: 41.301 ng

RT: 8.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

Tot Ion:107 Resp: 127446

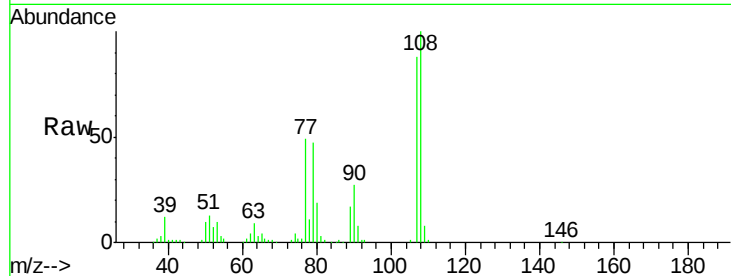
Ion Ratio Lower Upper

107 100

108 113.3 87.1 130.7

77 55.9 43.7 65.5

79 53.6 42.5 63.7

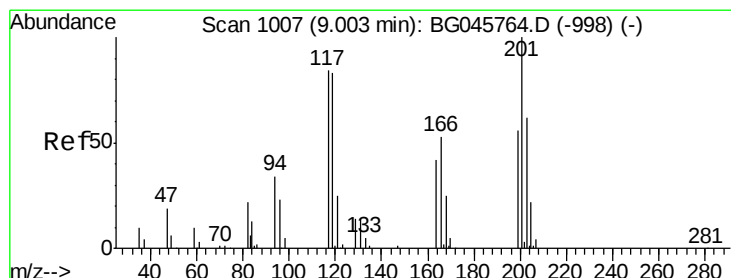
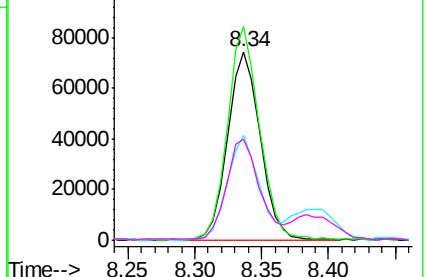
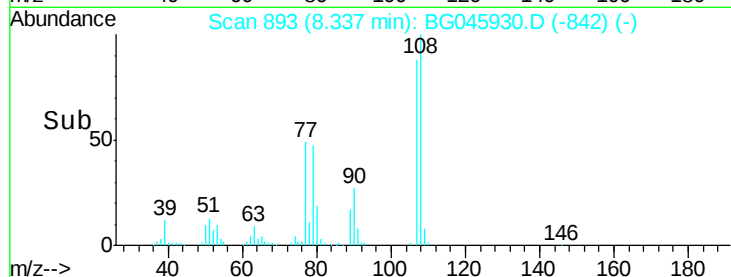


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.945 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

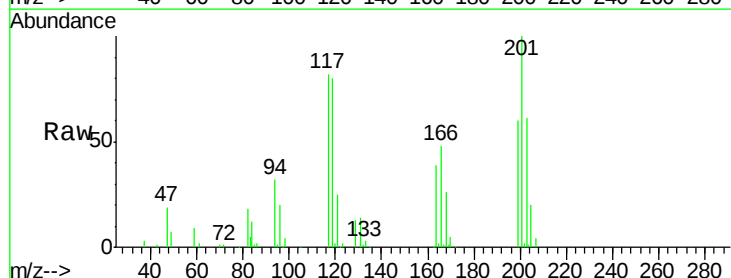
Tgt Ion:117 Resp: 59827

Ion Ratio Lower Upper

117 100

119 98.3 74.6 111.8

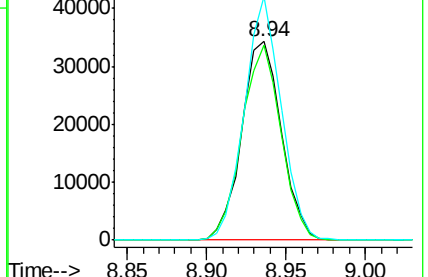
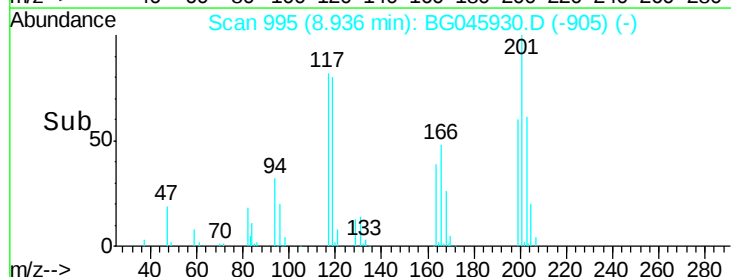
201 122.5 94.6 141.8

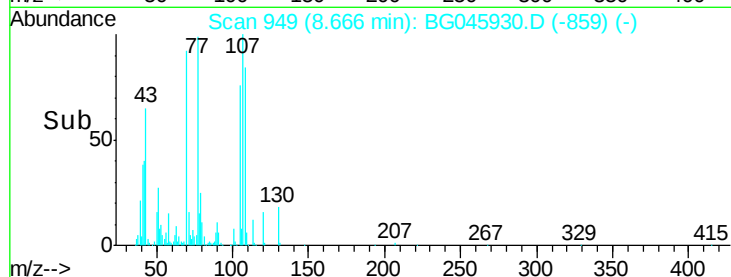
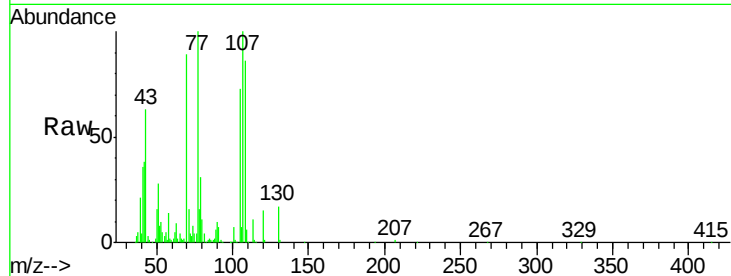
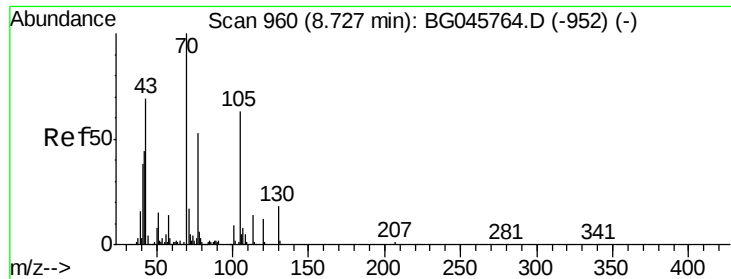


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

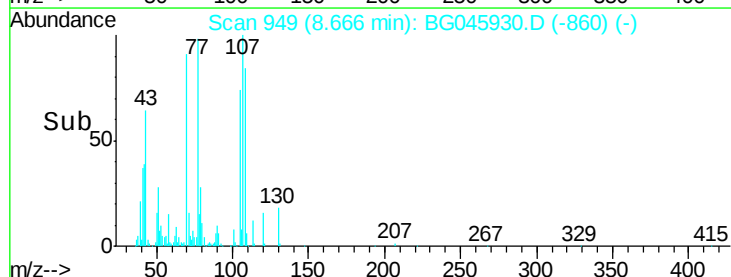
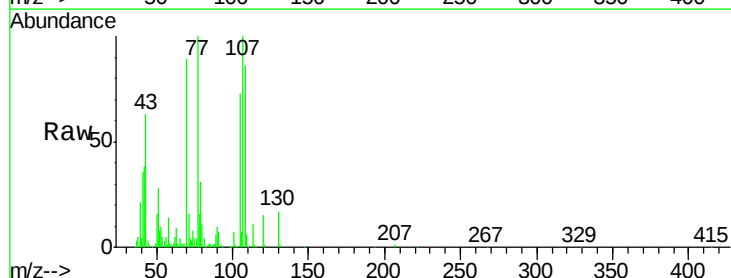
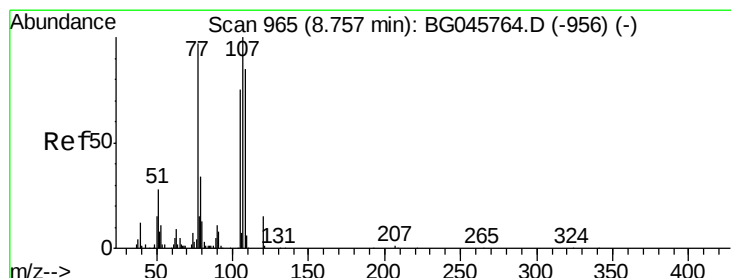
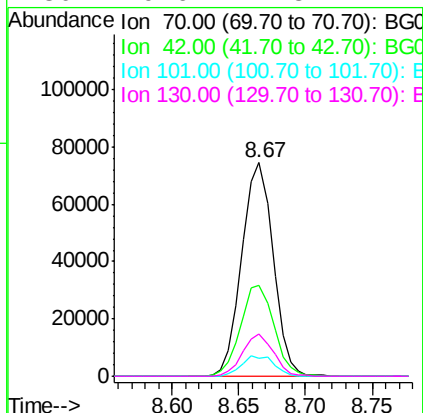




#19
n-Nitroso-di-n-propylamine
Concen: 43.157 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

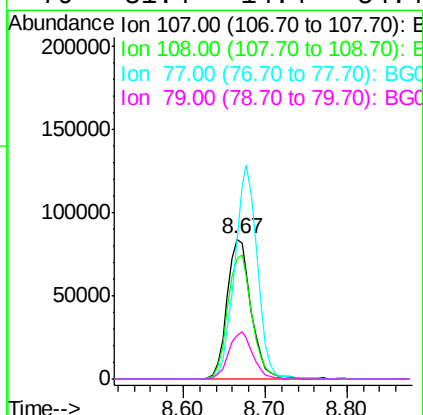
Instrument :
BNA_G
ClientSampleId :
PB129945BS

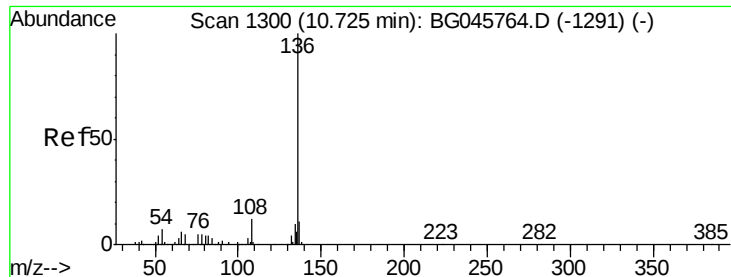
Tot Ion:	70	Resp:	121418
Ion	Ratio	Lower	Upper
70	100		
42	42.8	35.6	53.4
101	8.3	6.6	10.0
130	19.6	14.8	22.2



#20
3+4-Methylphenols
Concen: 42.382 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:	107	Resp:	171996
Ion	Ratio	Lower	Upper
107	100		
108	85.6	69.4	109.4
77	99.8	101.0	141.0#
79	31.4	14.4	54.4

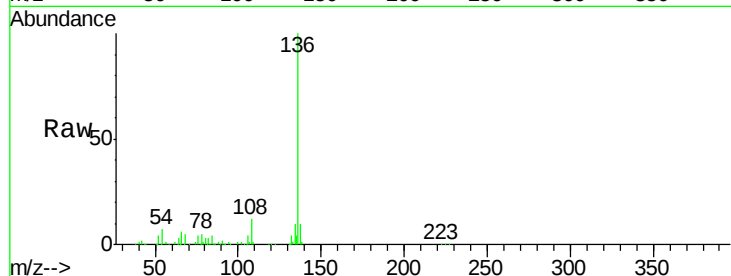




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Instrument :
BNA_G
ClientSampleId :
PB129945BS

Tot Ion:136	Resp:	180470
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.2 12.4
54	6.7	4.6 7.0
68	5.3	5.0 7.4

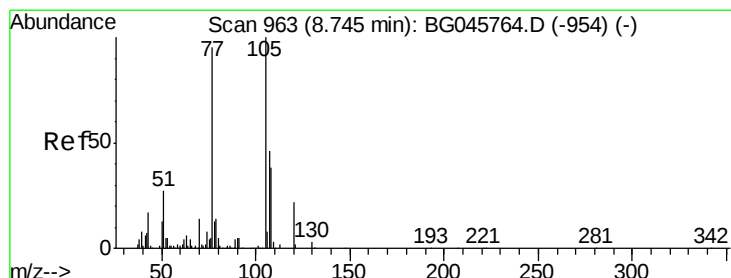
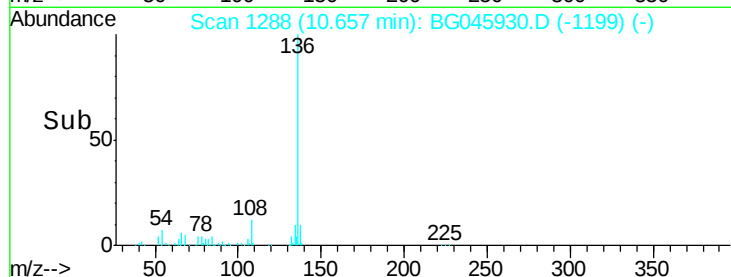
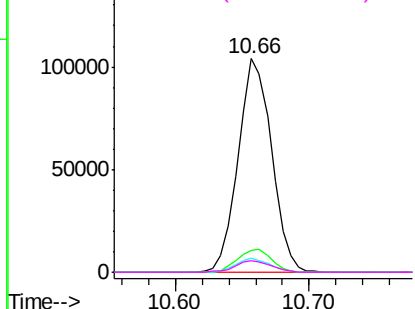


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

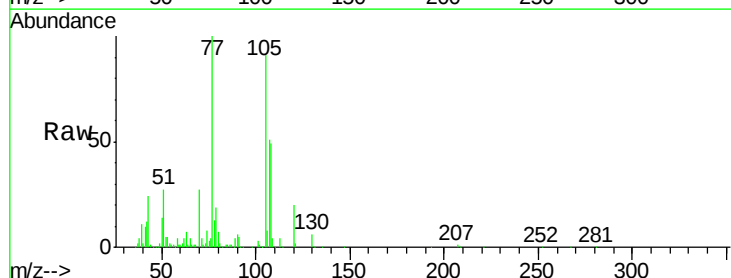
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.771 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:105	Resp:	211861
Ion Ratio	Lower	Upper
105	100	
71	4.5	2.2 3.4#
51	29.8	24.4 36.6
120	21.6	16.0 24.0

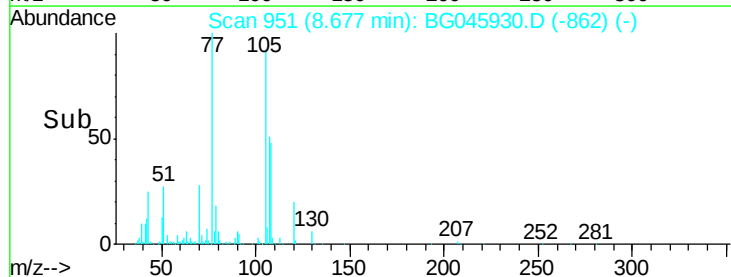
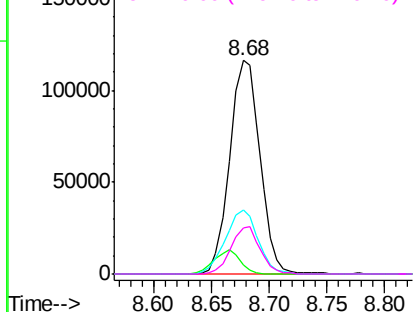


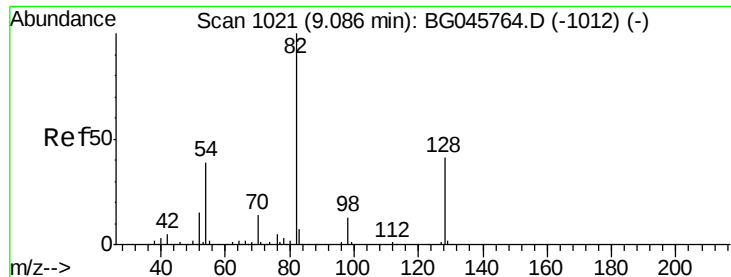
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

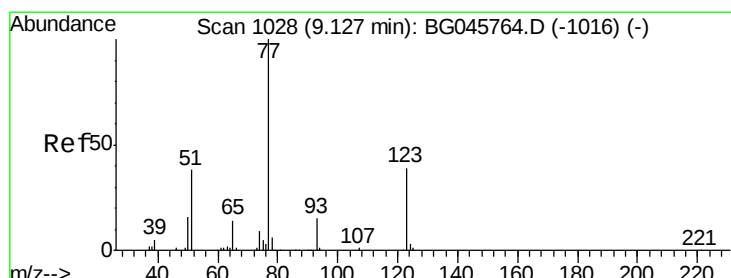
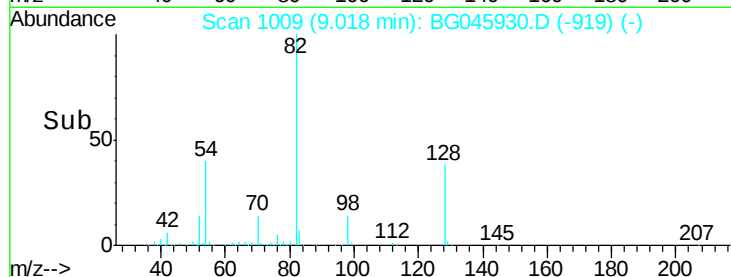
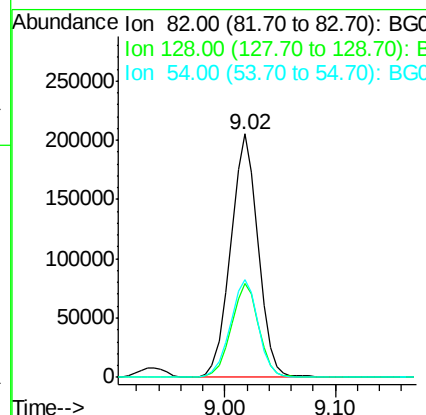
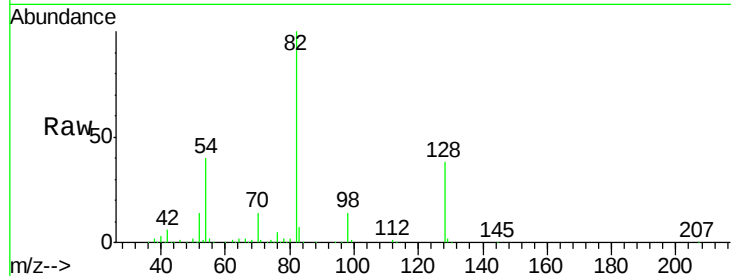




#23
Nitrobenzene-d5
Concen: 90.579 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

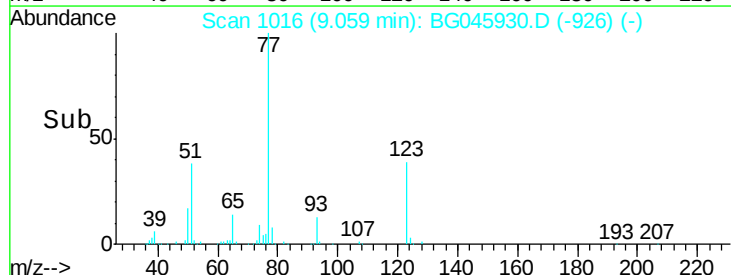
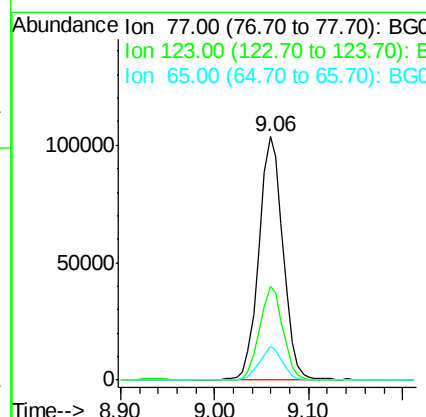
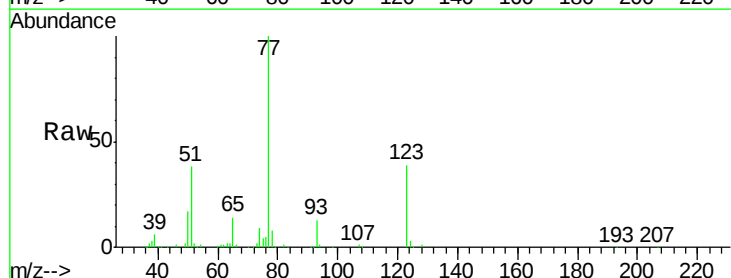
Instrument :
BNA_G
ClientSampleId :
PB129945BS

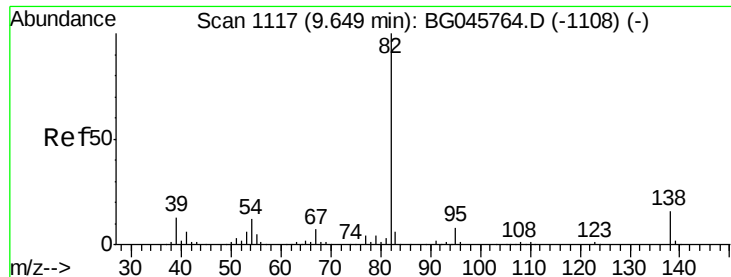
Tot Ion: 82 Resp: 357826
Ion Ratio Lower Upper
82 100
128 38.4 29.9 44.9
54 40.3 33.3 49.9



#24
Nitrobenzene
Concen: 43.750 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion: 77 Resp: 184282
Ion Ratio Lower Upper
77 100
123 38.7 30.3 45.5
65 13.7 11.0 16.6





#25

Isophorone

Concen: 42.838 ng

RT: 9.58 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

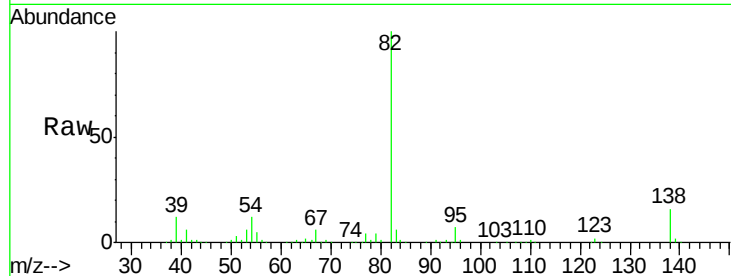
Tot Ion: 82 Resp: 327609

Ion Ratio Lower Upper

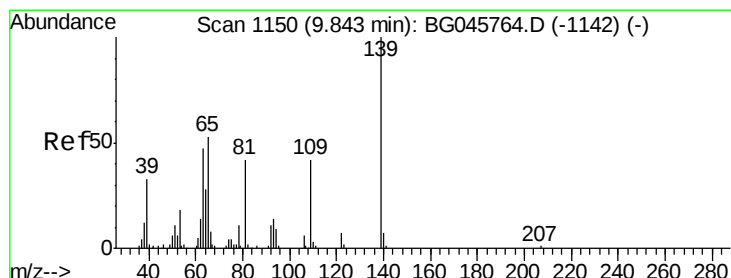
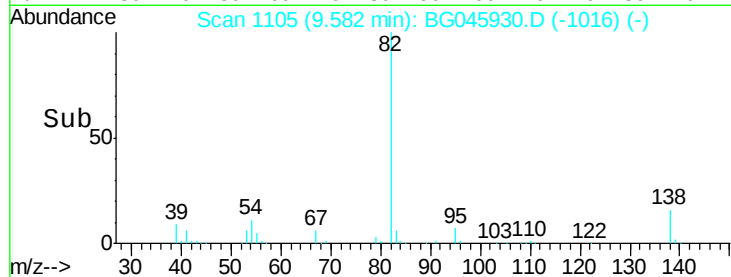
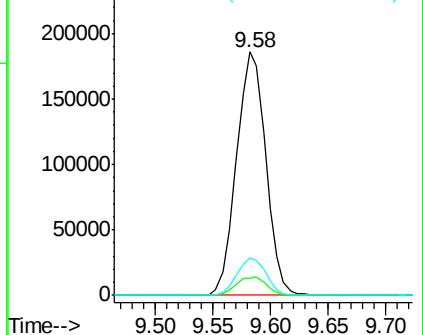
82 100

95 7.0 6.4 9.6

138 15.6 12.4 18.6



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



#26

2-Nitrophenol

Concen: 44.886 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

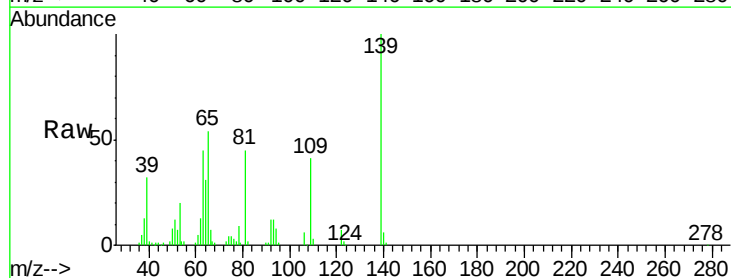
Tgt Ion: 139 Resp: 78768

Ion Ratio Lower Upper

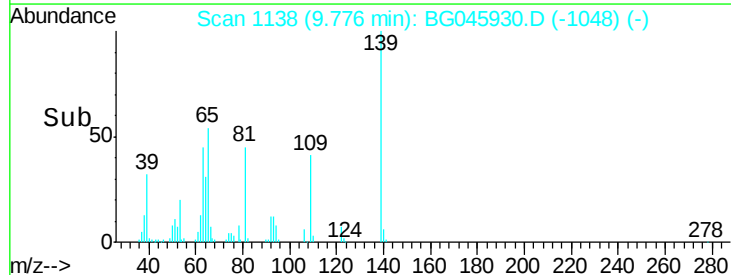
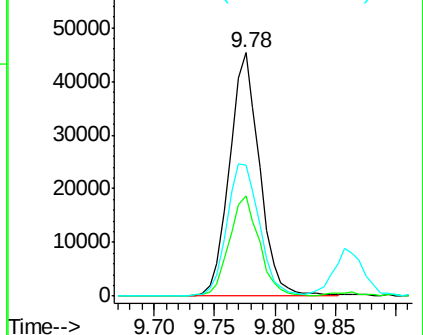
139 100

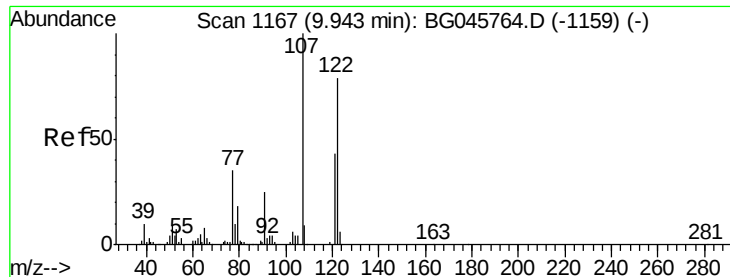
109 41.1 34.2 51.4

65 53.5 47.6 71.4



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

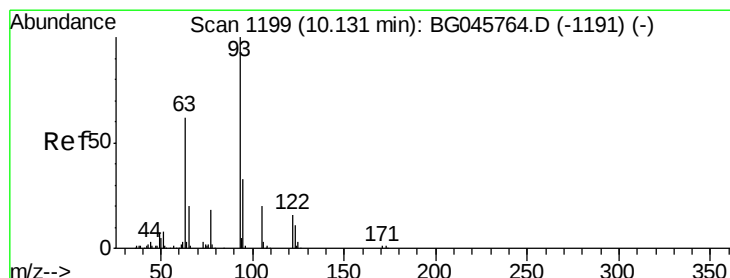
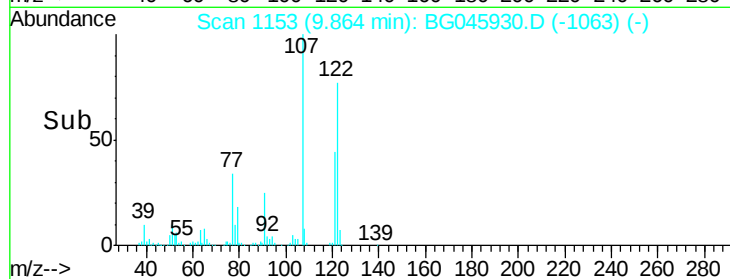
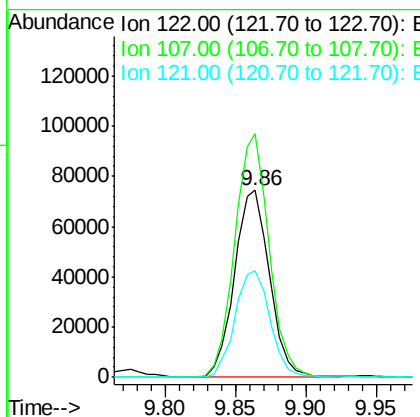
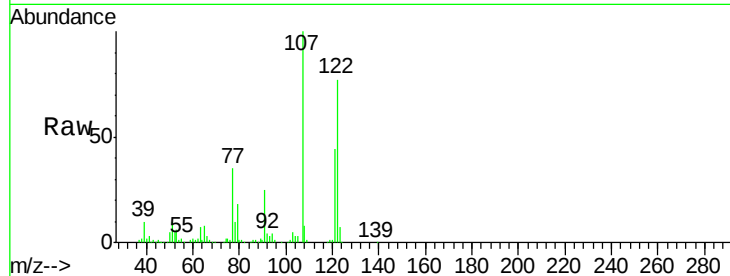




#27
 2,4-Dimethylphenol
 Concen: 48.305 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

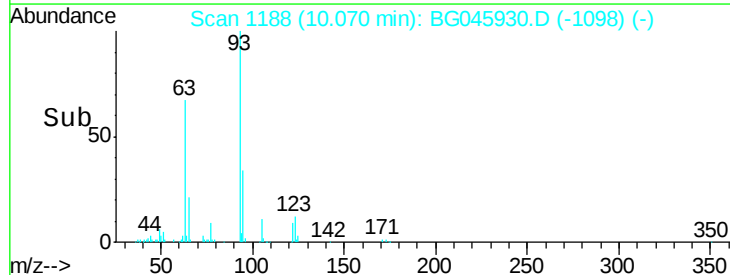
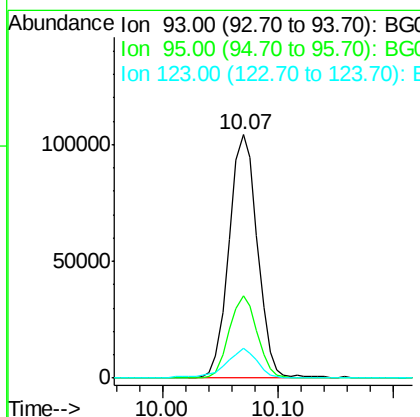
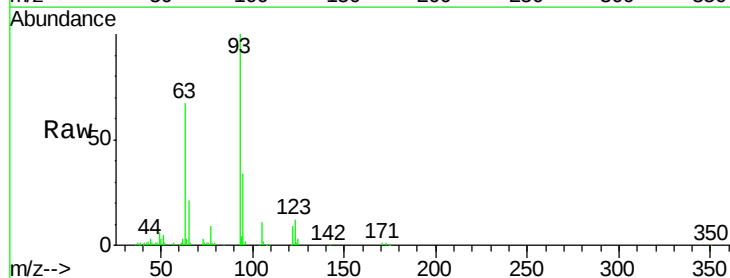
Instrument :
 BNA_G
 ClientSampleId :
 PB129945BS

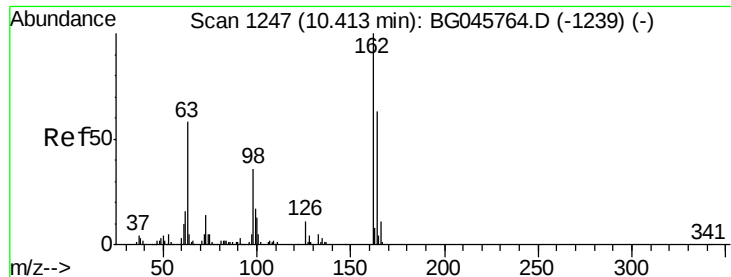
Tot Ion:122 Resp: 129418
 Ion Ratio Lower Upper
 122 100
 107 130.2 106.1 159.1
 121 57.3 49.0 73.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.431 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Tgt Ion: 93 Resp: 177494
 Ion Ratio Lower Upper
 93 100
 95 34.0 28.2 42.2
 123 12.4 9.2 13.8

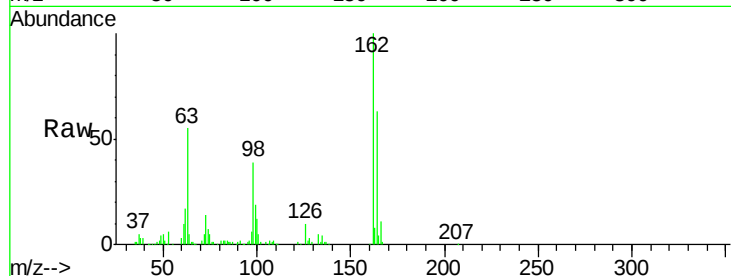




#29
 2,4-Dichlorophenol
 Concen: 46.083 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Instrument :
 BNA_G
 ClientSampleId :
 PB129945BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	41.9	81.9
98	38.8	17.1	57.1

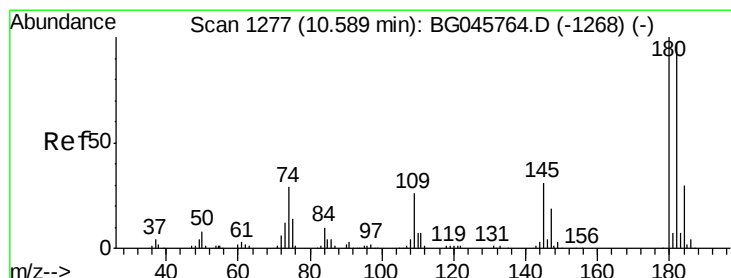
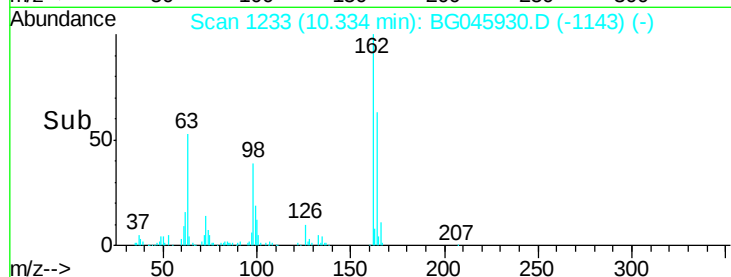
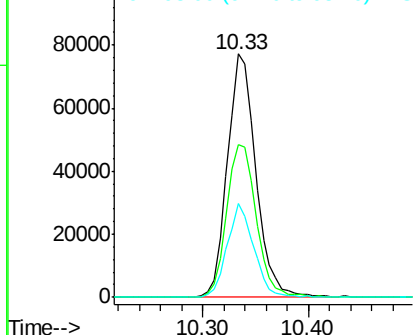


Abundance

Ion 162.00 (161.70 to 162.70): E

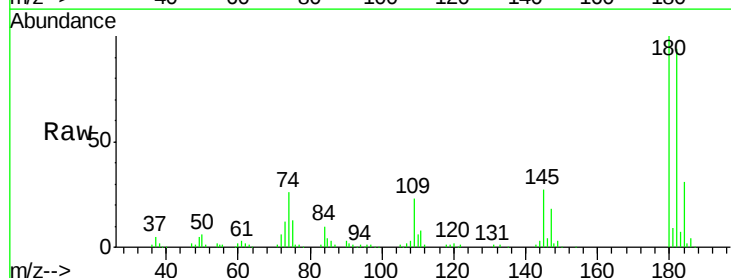
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 42.721 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.8	113.6
145	27.1	22.7	34.1

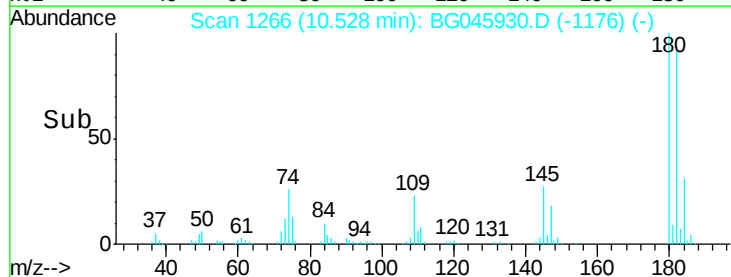
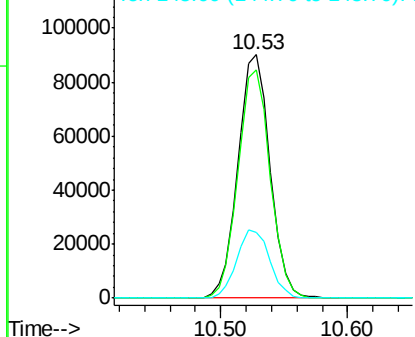


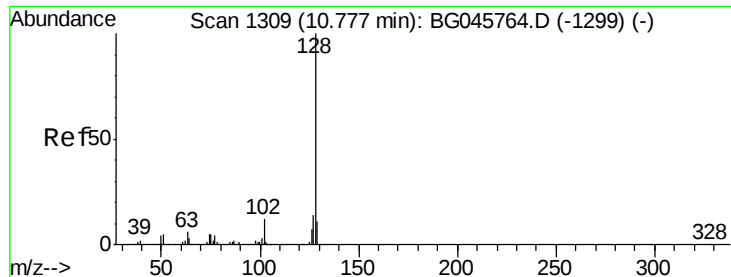
Abundance

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

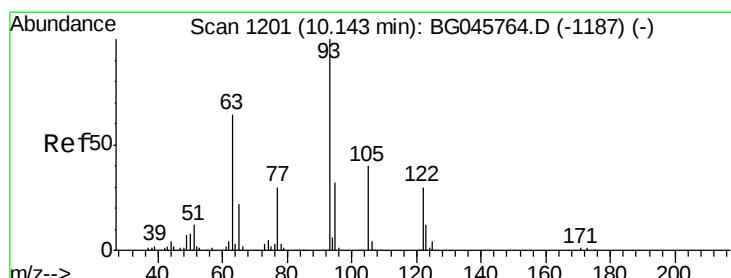
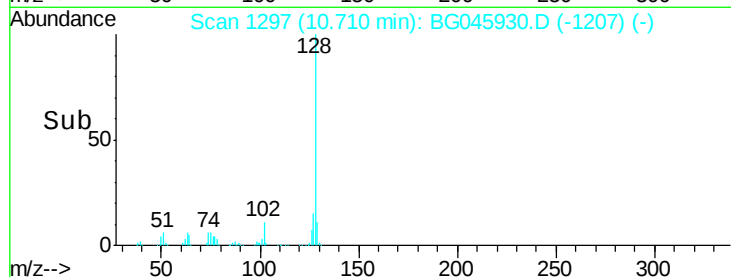
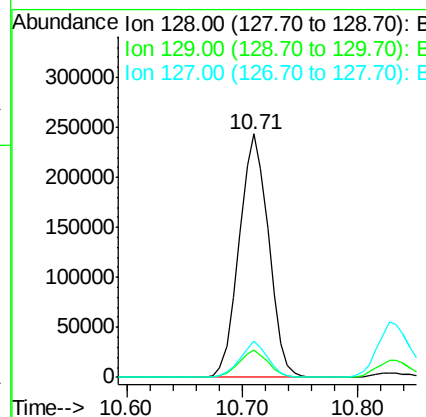
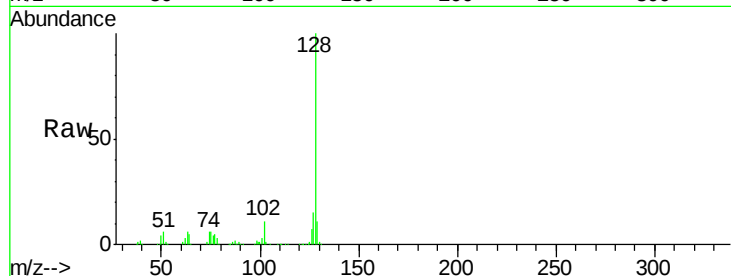




#31
Naphthalene
Concen: 43.454 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

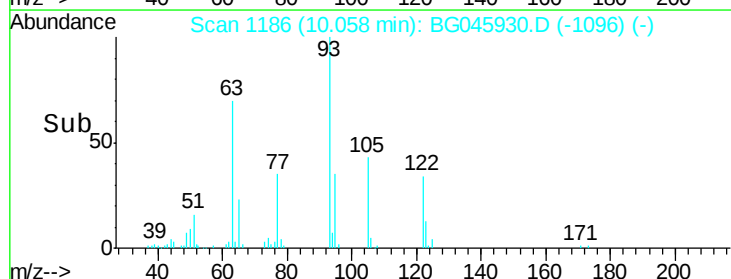
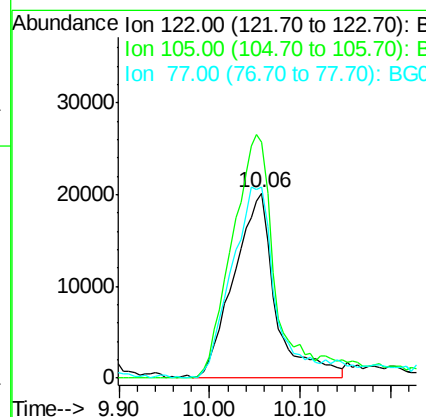
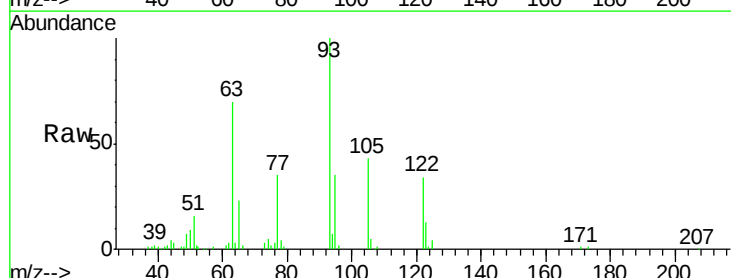
Instrument :
BNA_G
ClientSampleId :
PB129945BS

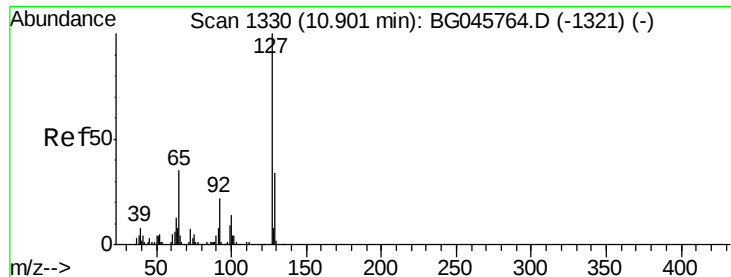
Tot Ion:128 Resp: 428744
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 14.7 10.8 16.2



#32
Benzoic acid
Concen: 39.191 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:122 Resp: 64576
Ion Ratio Lower Upper
122 100
105 127.3 123.1 163.1
77 103.1 93.9 133.9

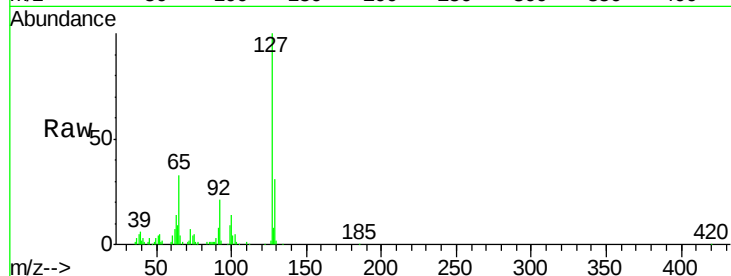




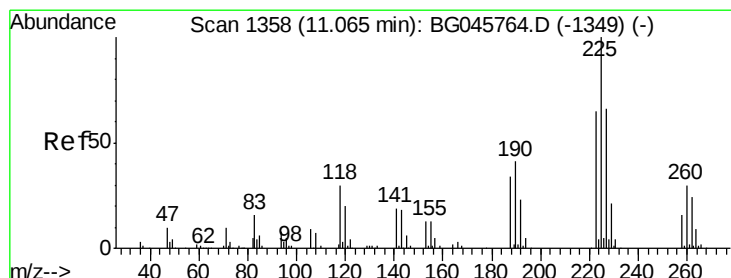
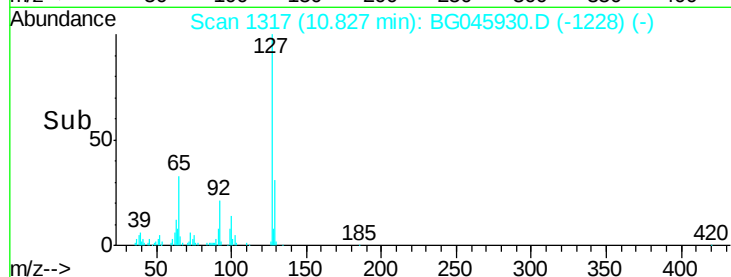
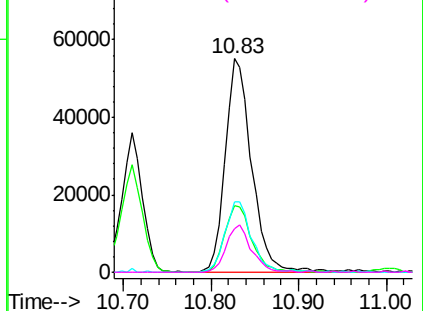
#33
4-Chloroaniline
Concen: 27.628 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Instrument :
BNA_G
ClientSampleId :
PB129945BS

Tot Ion:	127	Resp:	114153
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	32.8	26.9	40.3
92	20.6	17.8	26.6

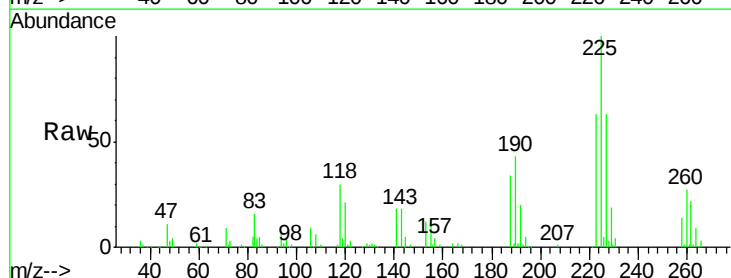


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

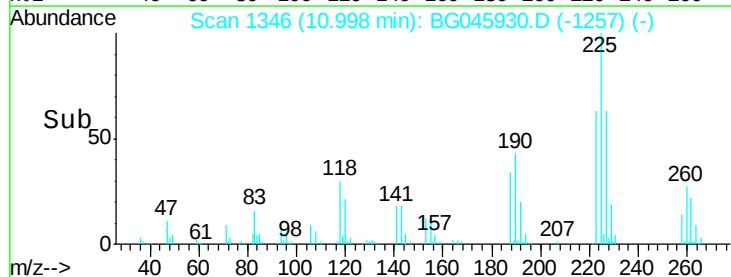
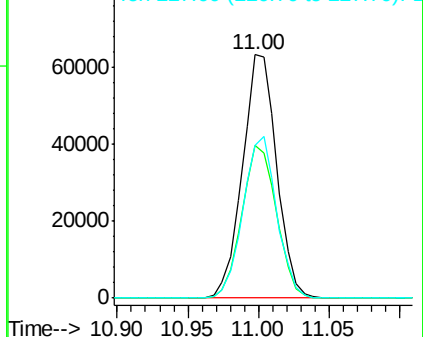


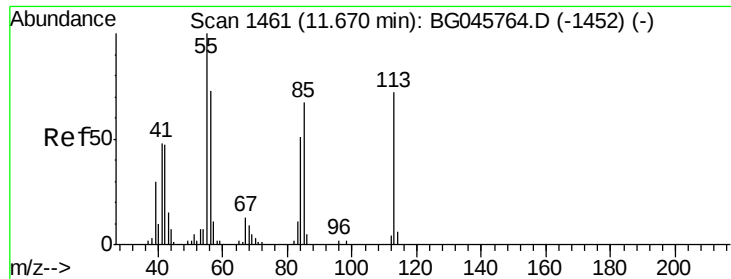
#34
Hexachlorobutadiene
Concen: 40.919 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:	225	Resp:	107689
Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.0	78.0
227	62.7	51.6	77.4



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: 26.221 ng

RT: 11.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

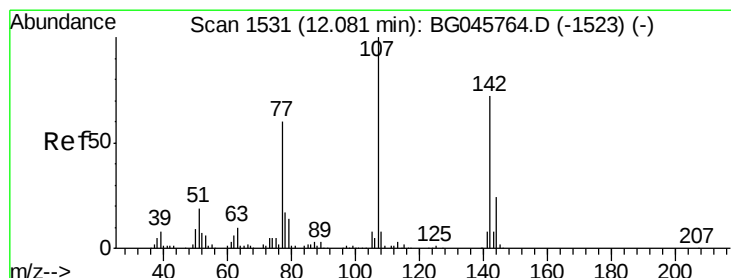
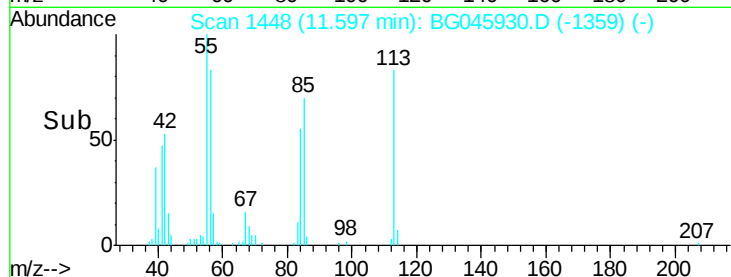
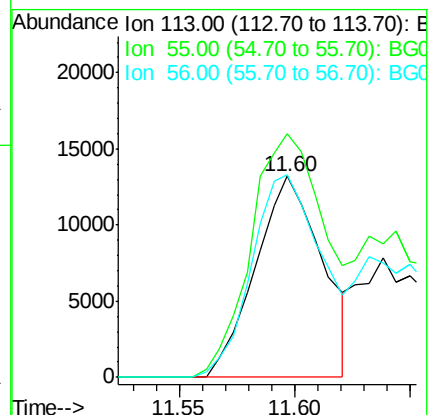
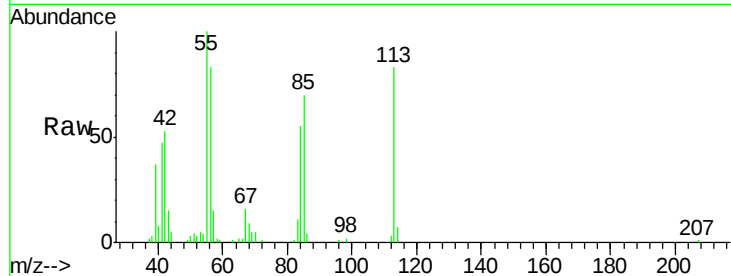
Tot Ion:113 Resp: 26523

Ion Ratio Lower Upper

113 100

55 121.1 110.6 150.6

56 101.1 81.1 121.1



#36

4-Chloro-3-methylphenol

Concen: 45.919 ng

RT: 12.00 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

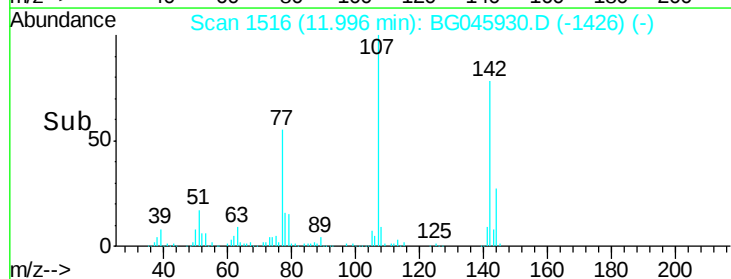
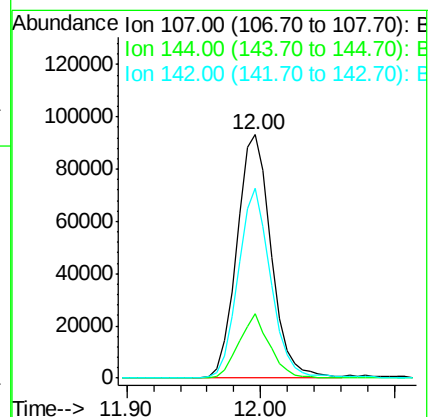
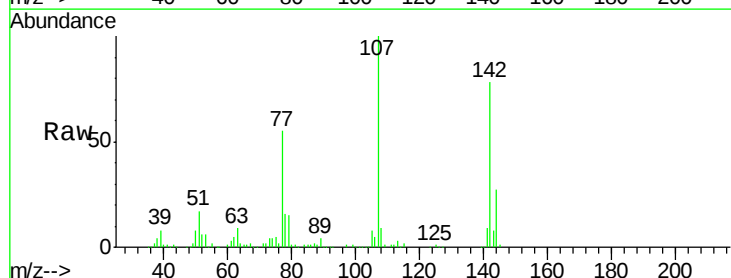
Tgt Ion:107 Resp: 165726

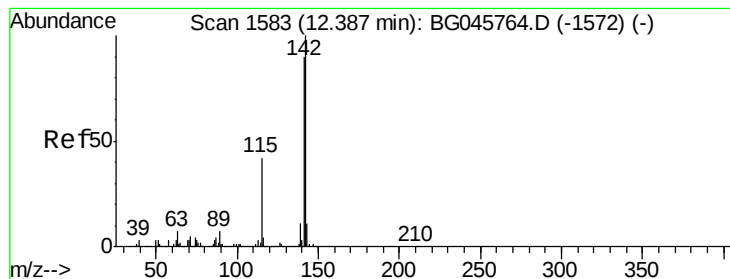
Ion Ratio Lower Upper

107 100

144 26.6 18.7 28.1

142 78.0 55.6 83.4





#37

2-Methylnaphthalene

Concen: 43.993 ng

RT: 12.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

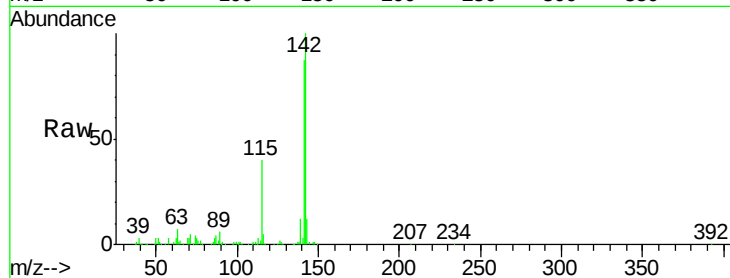
Tot Ion:142 Resp: 323223

Ion Ratio Lower Upper

142 100

141 87.2 71.9 107.9

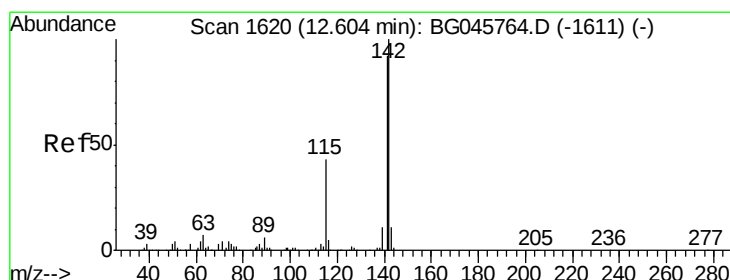
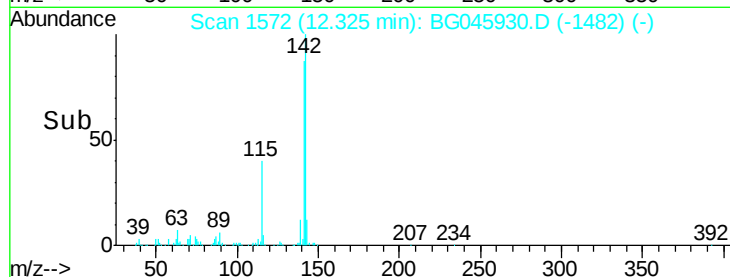
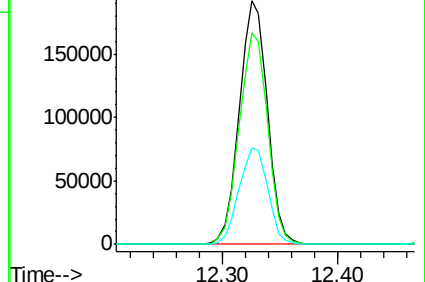
115 39.6 31.7 47.5



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: 44.551 ng

RT: 12.55 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

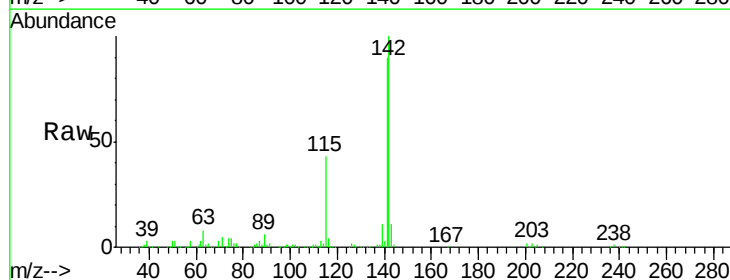
Tgt Ion:142 Resp: 309748

Ion Ratio Lower Upper

142 100

141 90.5 74.5 111.7

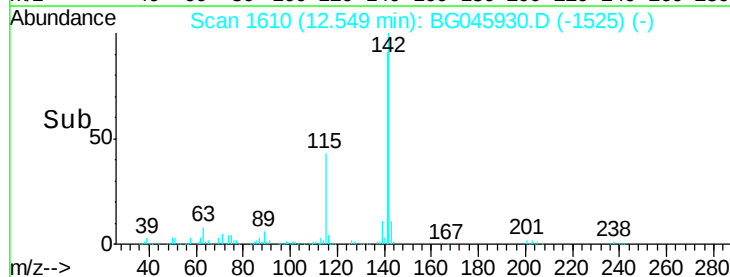
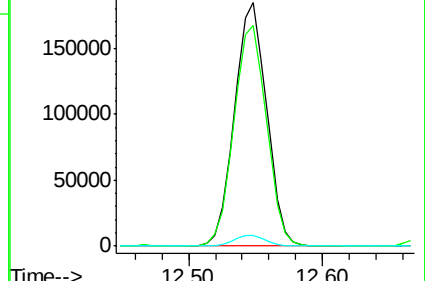
116 4.2 3.4 5.2

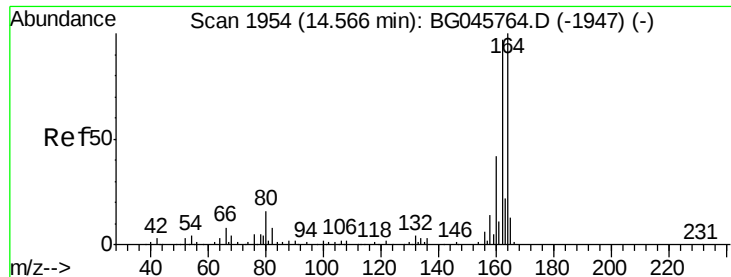


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

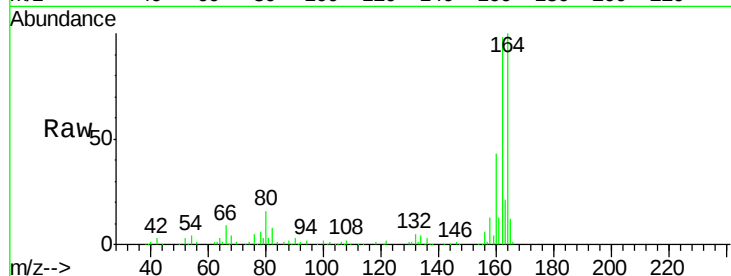
BNA_G

ClientSampleId :

PB129945BS

Tot Ion:164 Resp: 127566

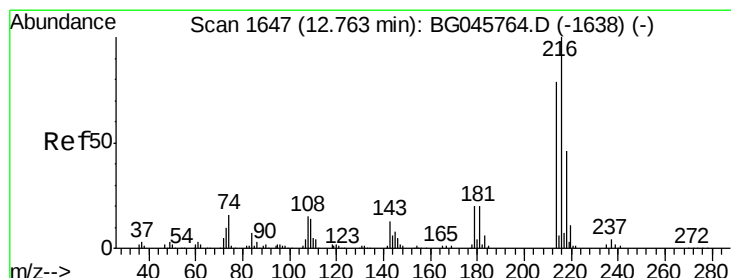
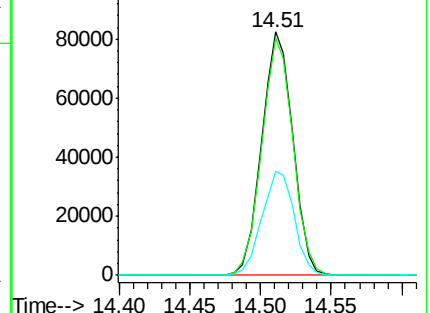
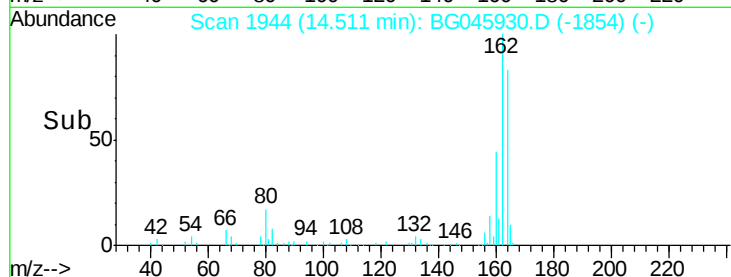
Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.8	118.2
160	42.9	33.8	50.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.273 ng

RT: 12.70 min Scan# 1636

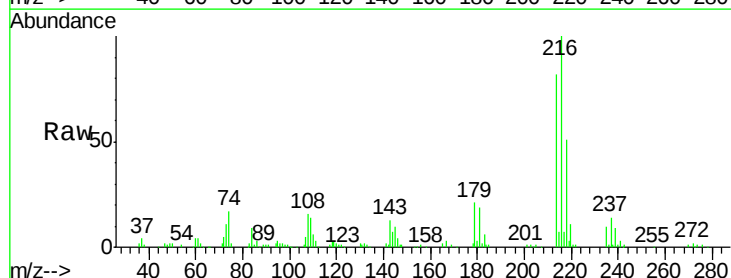
Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Tgt Ion:216 Resp: 181765

Ion	Ratio	Lower	Upper
216	100		
214	77.9	61.8	92.8
179	19.9	15.8	23.6
108	18.3	13.8	20.6

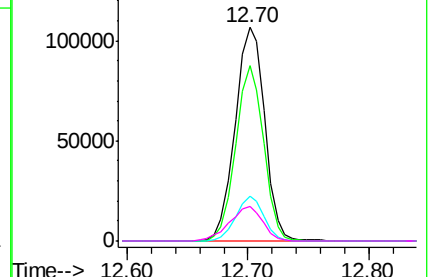
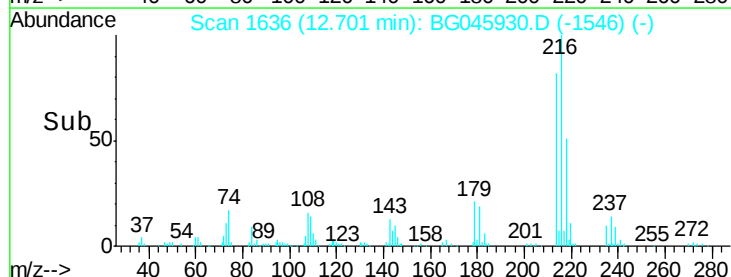


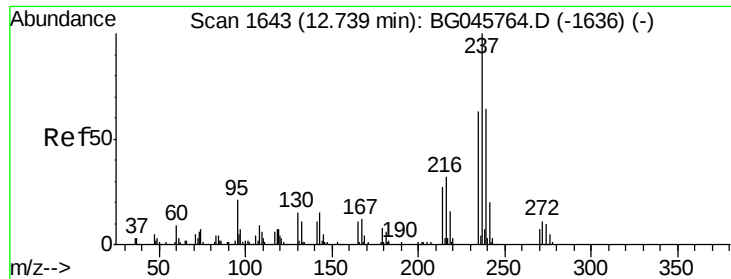
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.640 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

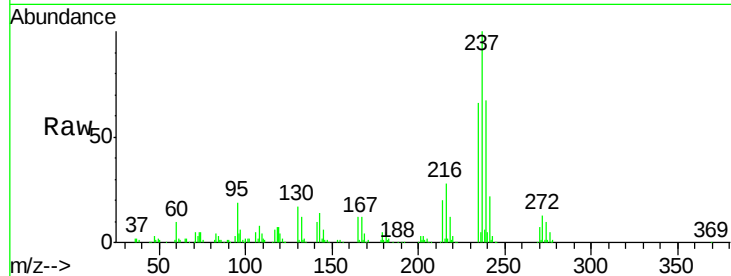
Tot Ion:237 Resp: 174309

Ion Ratio Lower Upper

237 100

235 65.9 43.3 83.3

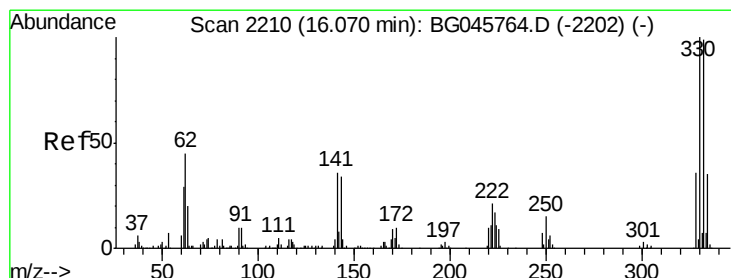
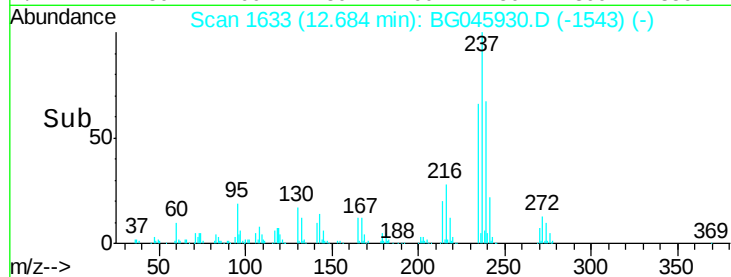
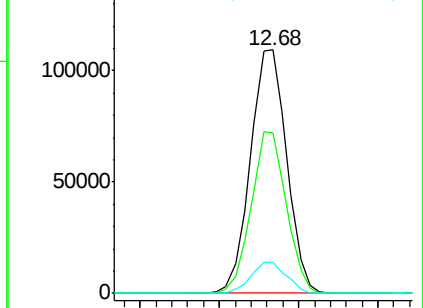
272 12.8 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.712 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

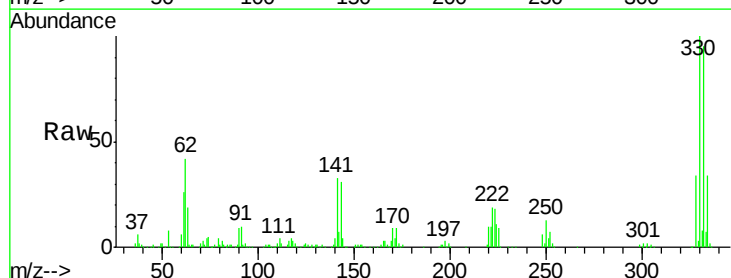
Tgt Ion:330 Resp: 251740

Ion Ratio Lower Upper

330 100

332 96.9 79.4 119.0

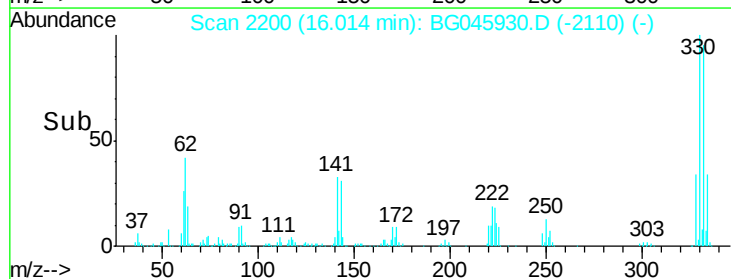
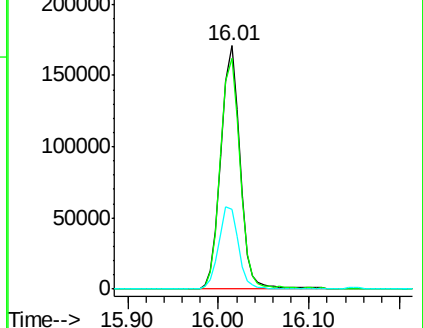
141 34.7 28.2 42.2

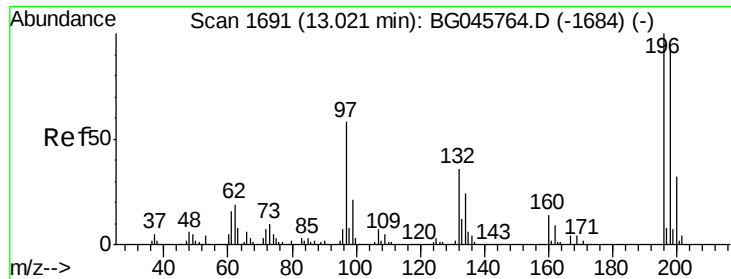


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

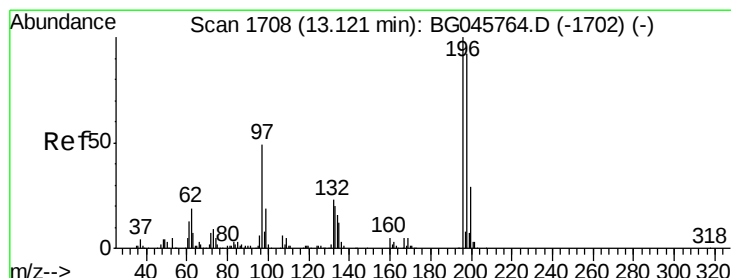
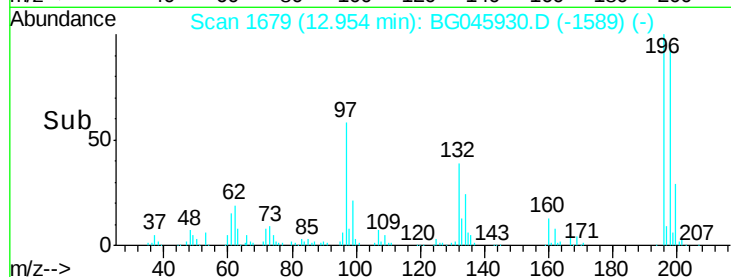
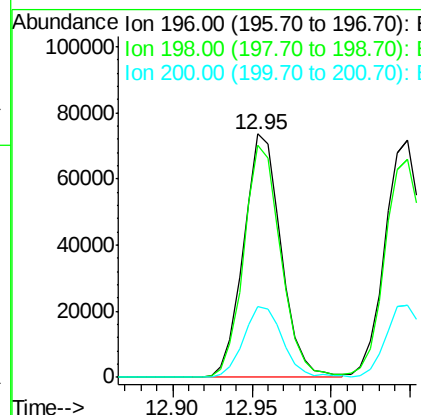
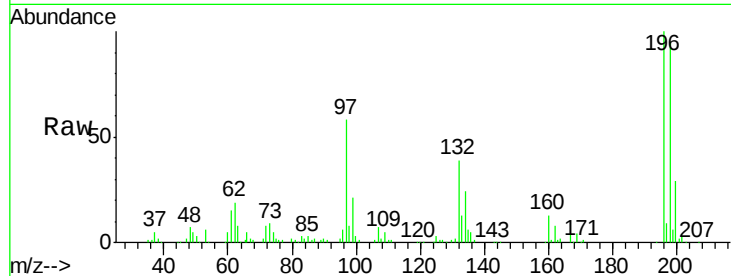




#43
 2,4,6-Trichlorophenol
 Concen: 42.428 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

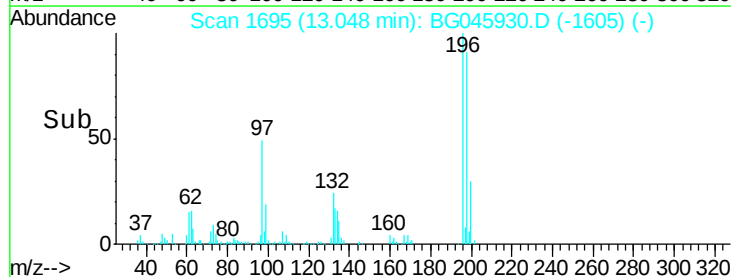
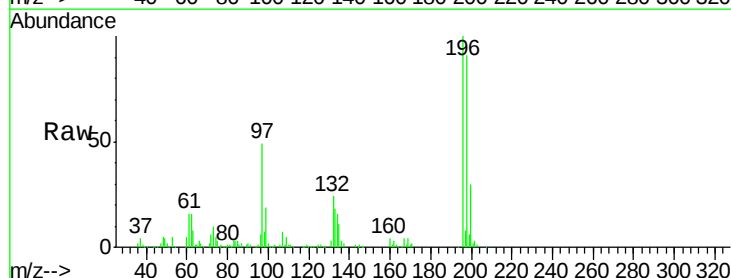
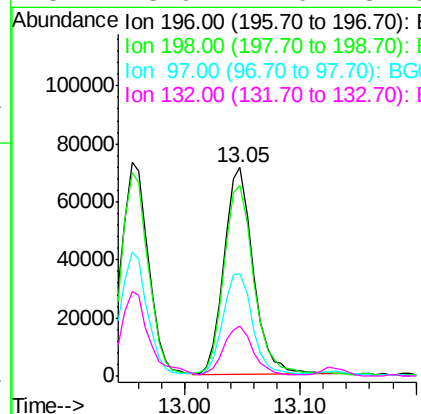
Instrument :
 BNA_G
 ClientSampleId :
 PB129945BS

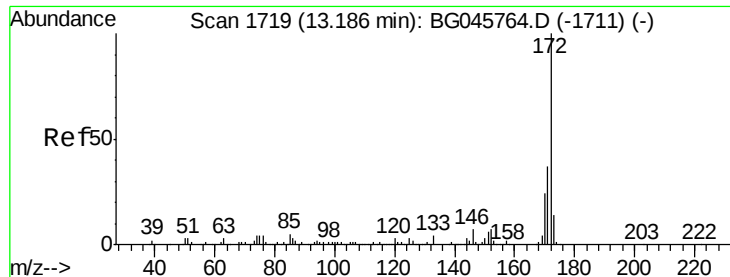
Tot Ion:196 Resp: 120831
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.1 117.1
 200 29.3 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.755 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Tgt Ion:196 Resp: 125791
 Ion Ratio Lower Upper
 196 100
 198 91.5 76.5 114.7
 97 49.3 39.9 59.9
 132 23.9 21.0 31.6

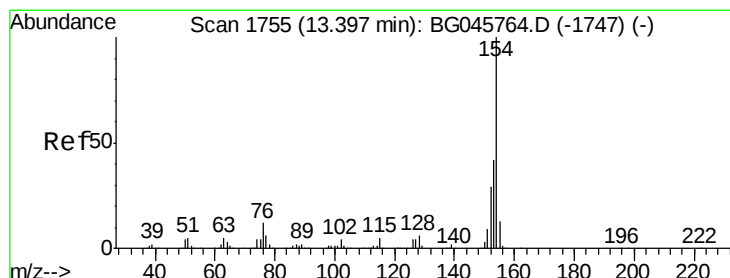
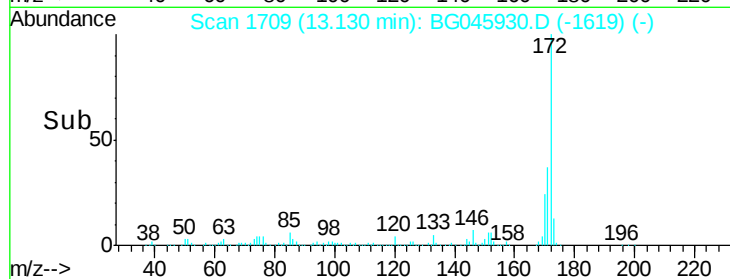
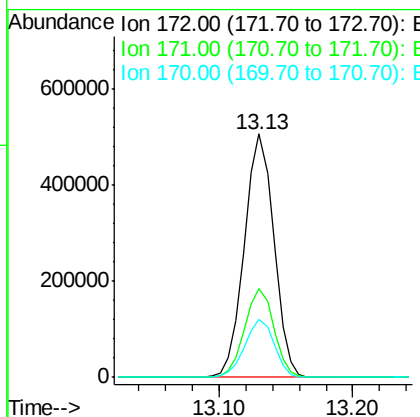
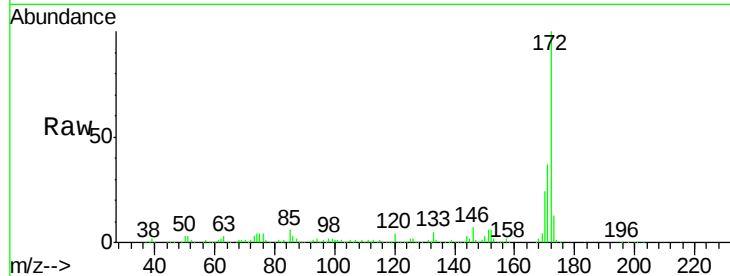




#45
2-Fluorobiphenyl
Concen: 88.827 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

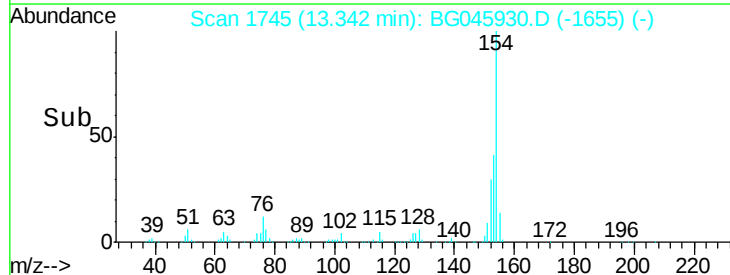
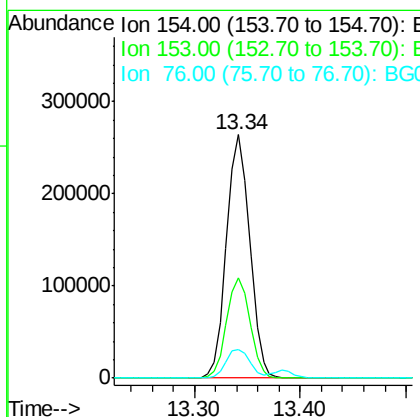
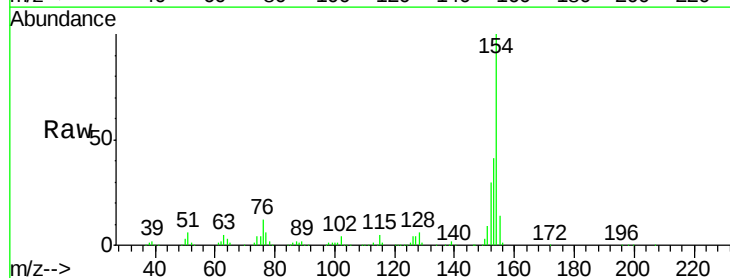
Instrument :
BNA_G
ClientSampleId :
PB129945BS

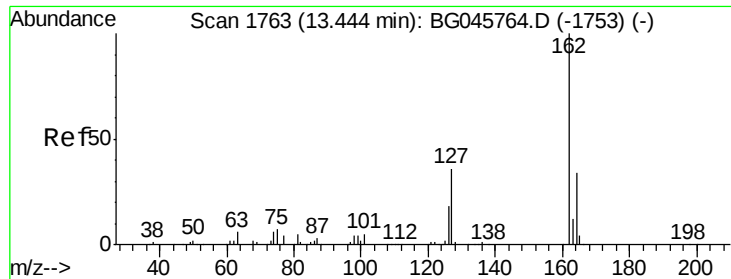
Tot Ion:172 Resp: 771070
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 43.991 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:154 Resp: 401772
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 11.9 0.0 32.9

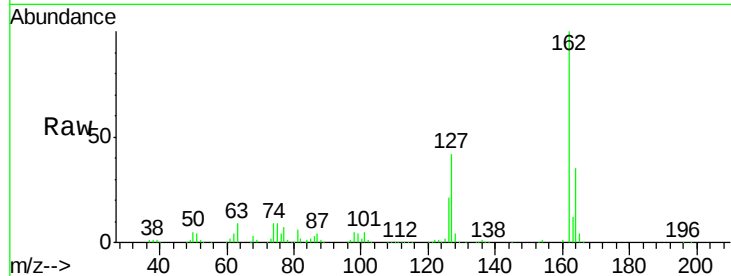




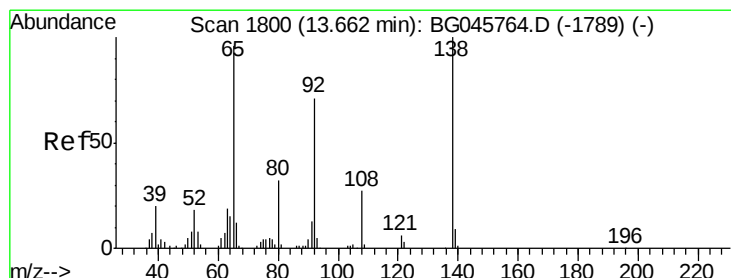
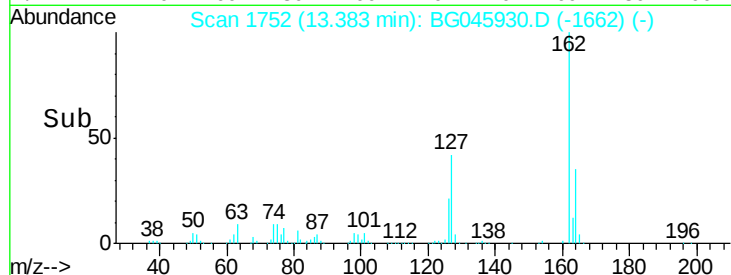
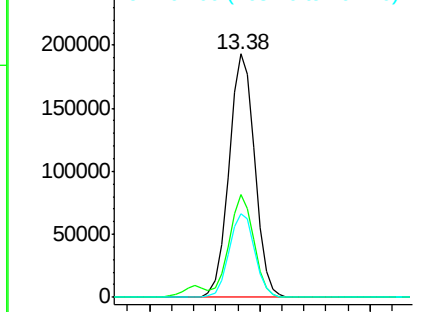
#47
 2-Chloronaphthalene
 Concen: 42.710 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Instrument :
 BNA_G
 ClientSampleId :
 PB129945BS

Tot Ion:162 Resp: 315093
 Ion Ratio Lower Upper
 162 100
 127 42.5 31.4 47.0
 164 34.6 28.1 42.1

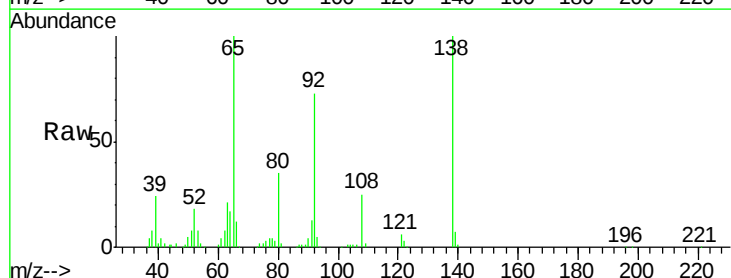


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

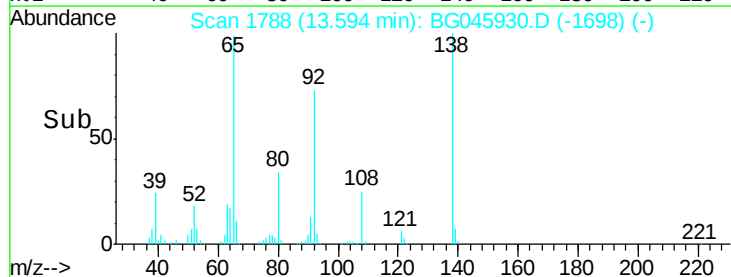
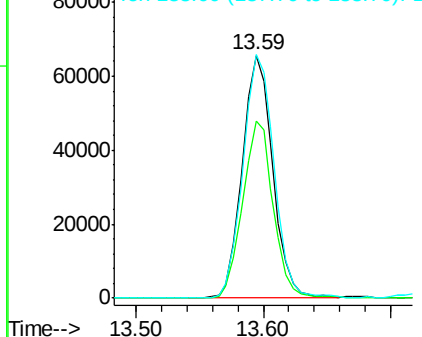


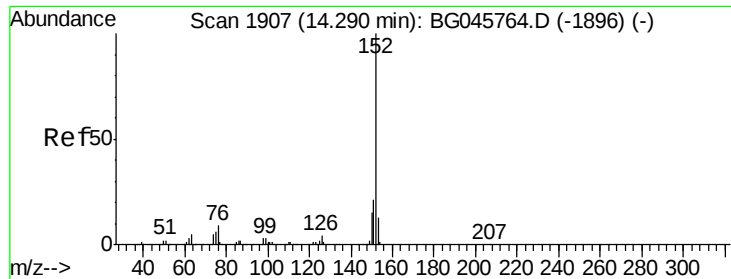
#48
 2-Nitroaniline
 Concen: 44.726 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Tgt Ion: 65 Resp: 109759
 Ion Ratio Lower Upper
 65 100
 92 73.2 54.1 81.1
 138 100.4 79.0 118.6



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: 43.901 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

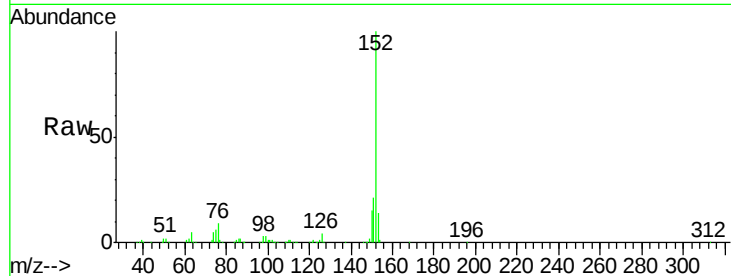
Tot Ion:152 Resp: 518770

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

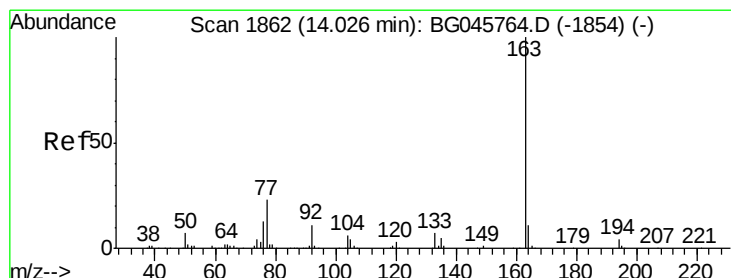
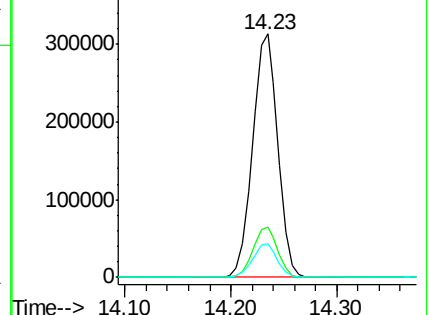
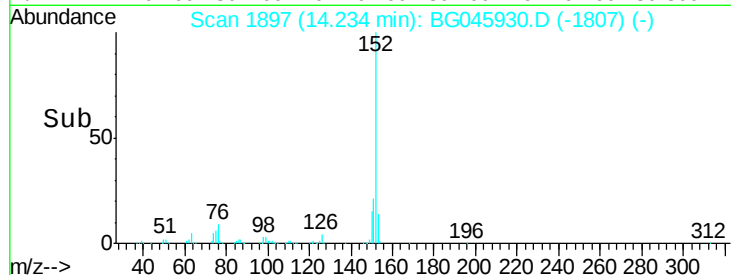
153 13.9 11.4 17.0



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



#50

Dimethylphthalate

Concen: 44.382 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

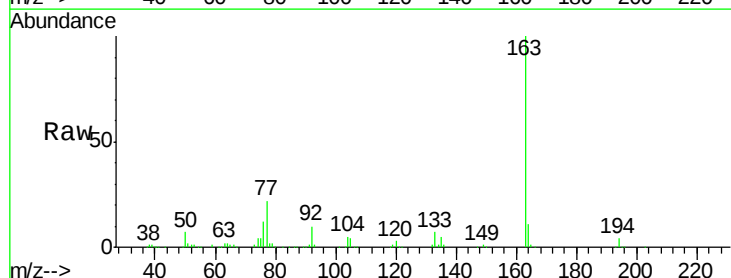
Tgt Ion:163 Resp: 443528

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

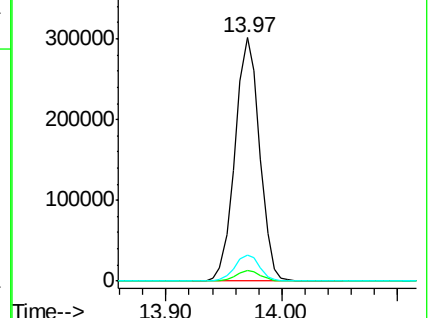
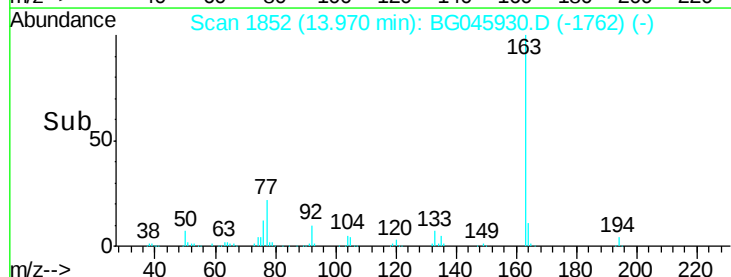
164 10.9 8.7 13.1

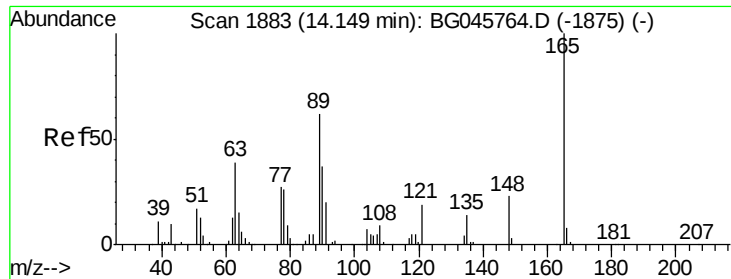


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.520 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

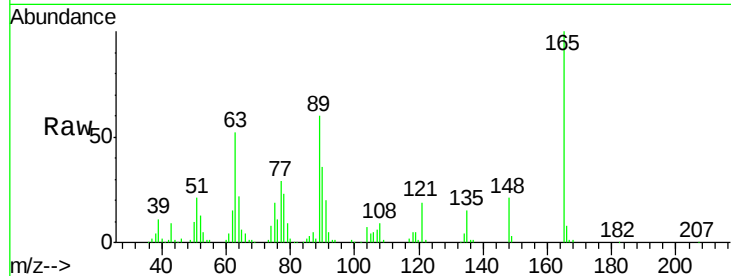
Tot Ion:165 Resp: 102172

Ion Ratio Lower Upper

165 100

63 51.9 41.4 62.2

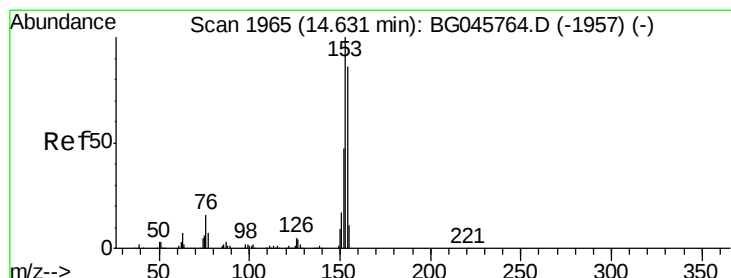
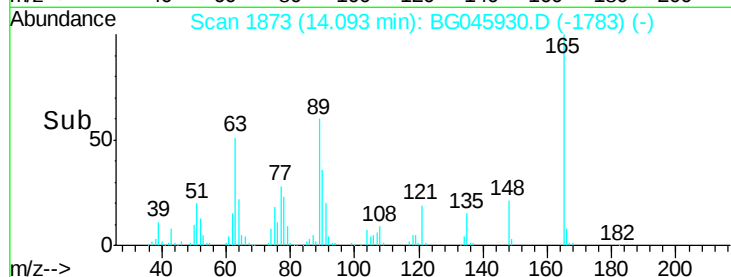
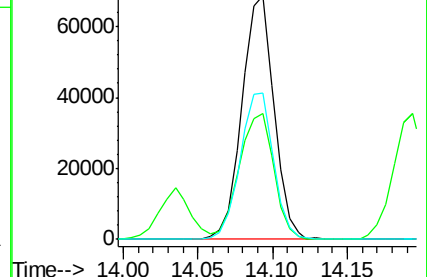
89 60.2 45.4 68.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 43.477 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

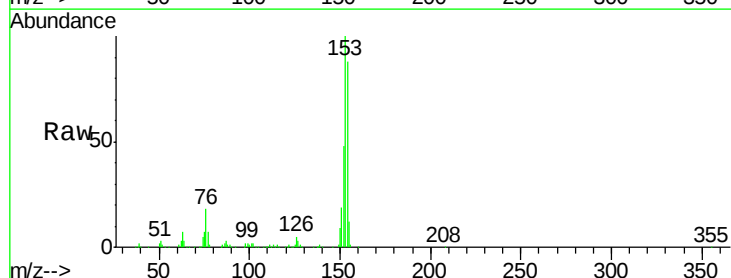
Tgt Ion:154 Resp: 311419

Ion Ratio Lower Upper

154 100

153 114.2 92.5 138.7

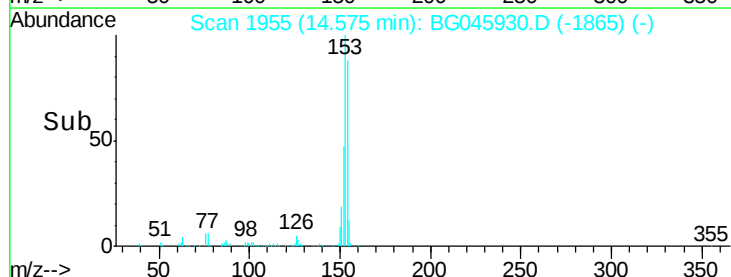
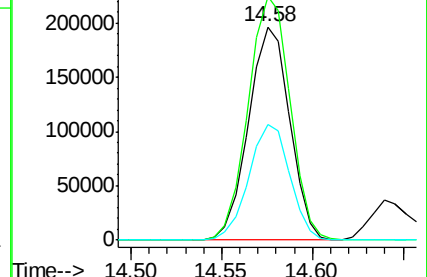
152 54.4 43.4 65.2

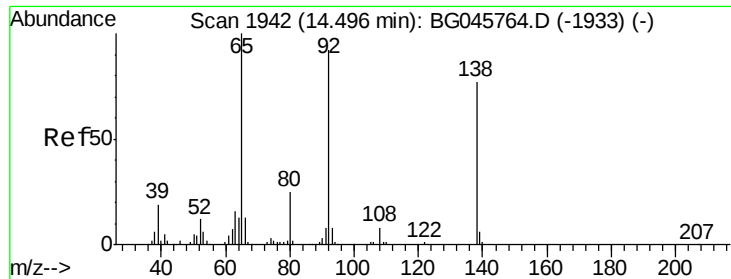


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.121 ng

RT: 14.43 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

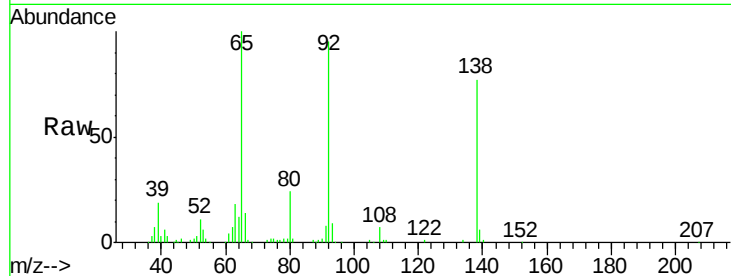
Tot Ion:138 Resp: 72015

Ion Ratio Lower Upper

138 100

108 9.4 8.2 12.2

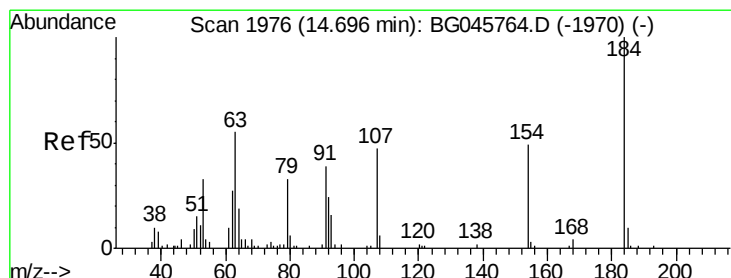
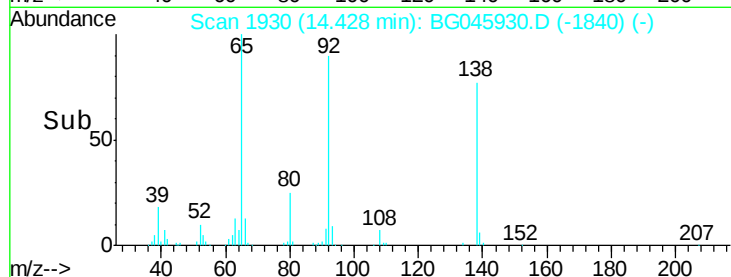
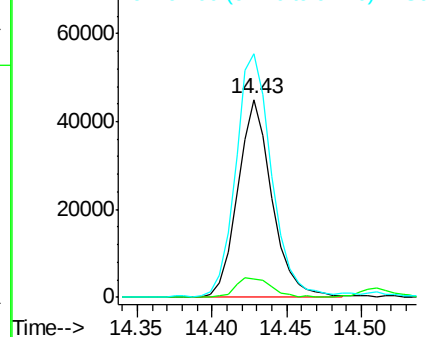
92 123.1 101.3 151.9



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: 80.542 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

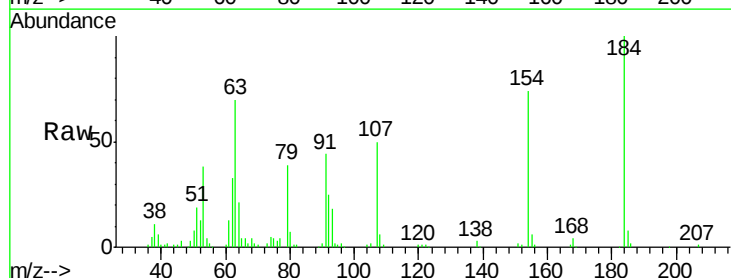
Tgt Ion:184 Resp: 100646

Ion Ratio Lower Upper

184 100

63 69.7 49.4 74.0

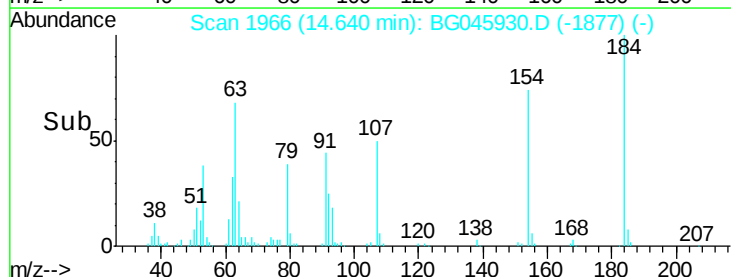
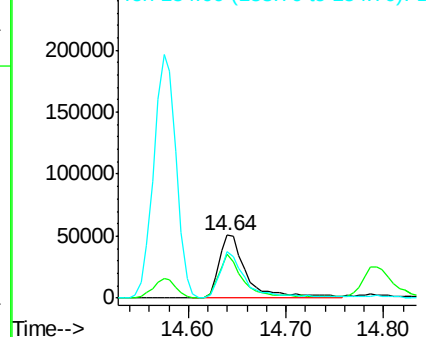
154 73.6 59.8 89.8

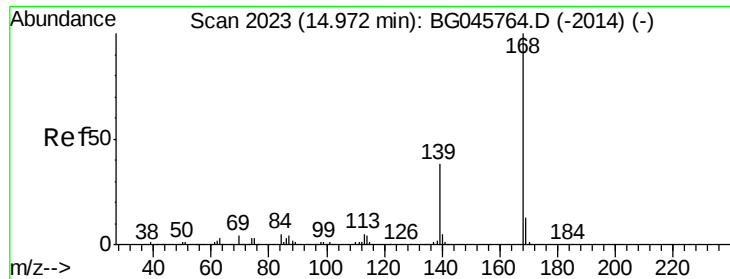


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 44.036 ng

RT: 14.92 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

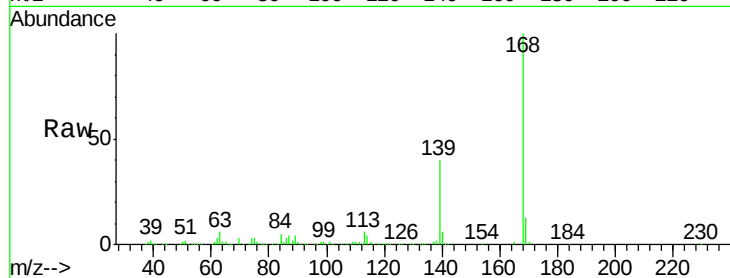
Tot Ion:168 Resp: 512409

Ion Ratio Lower Upper

168 100

139 39.7 32.6 48.8

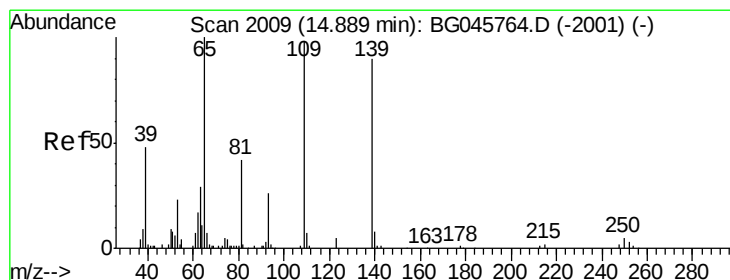
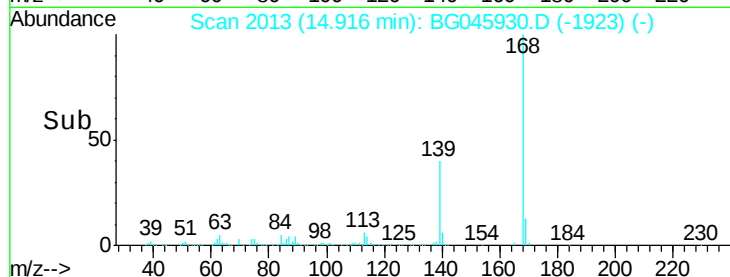
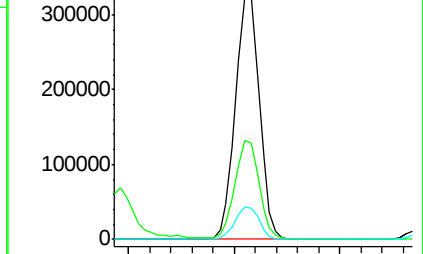
169 12.9 11.4 17.2



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: 80.098 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

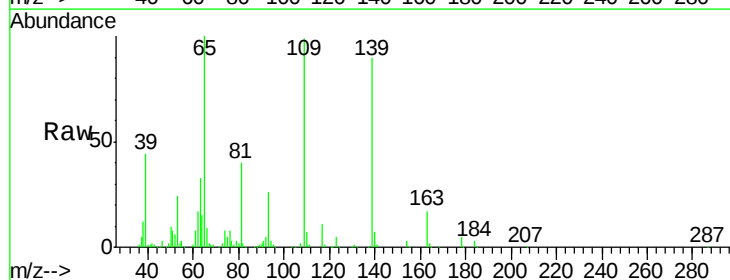
Tgt Ion:139 Resp: 128668

Ion Ratio Lower Upper

139 100

109 109.9 79.2 119.2

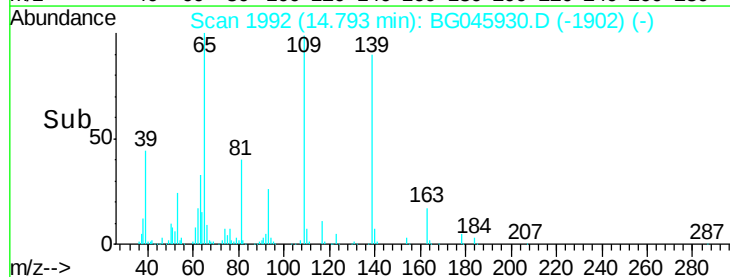
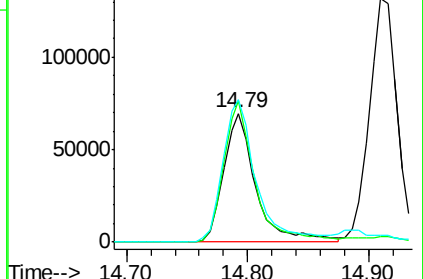
65 110.8 91.0 131.0

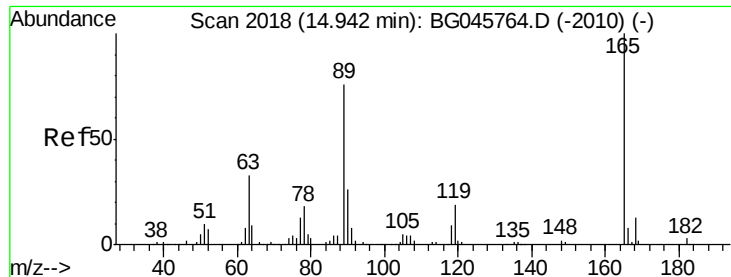


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

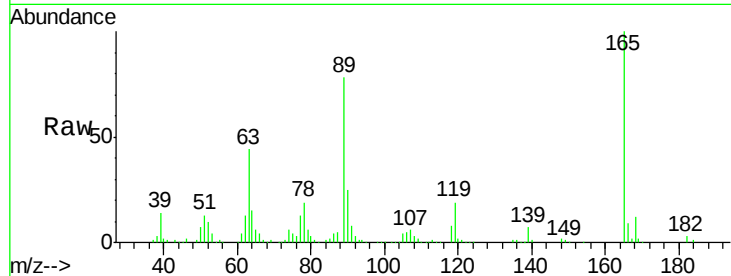




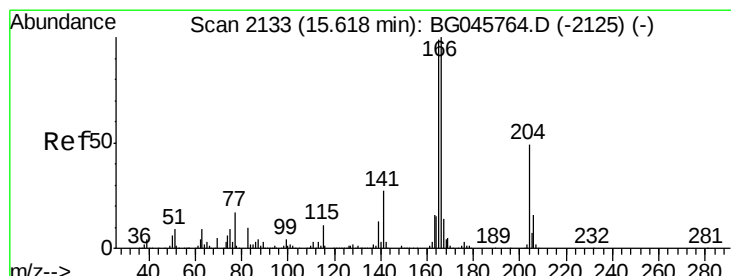
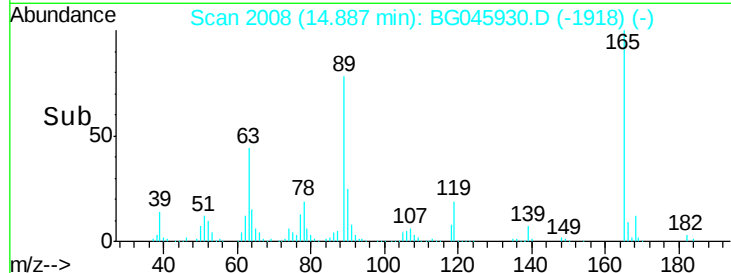
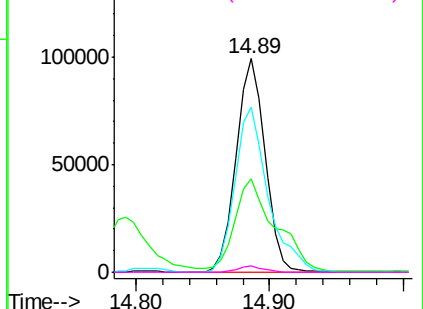
#57
2,4-Dinitrotoluene
Concen: 46.419 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Instrument :
BNA_G
ClientSampleId :
PB129945BS

Tot Ion:165 Resp: 149281
Ion Ratio Lower Upper
165 100
63 43.7 34.5 51.7
89 77.5 60.8 91.2
182 2.7 2.3 3.5

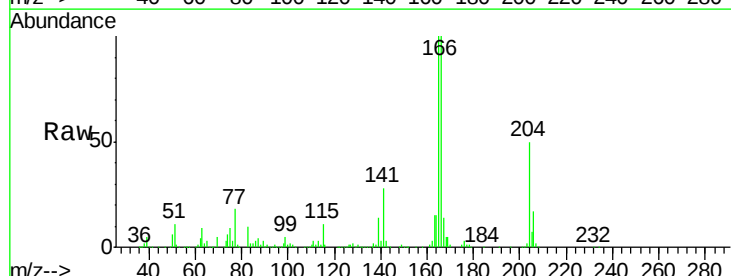


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

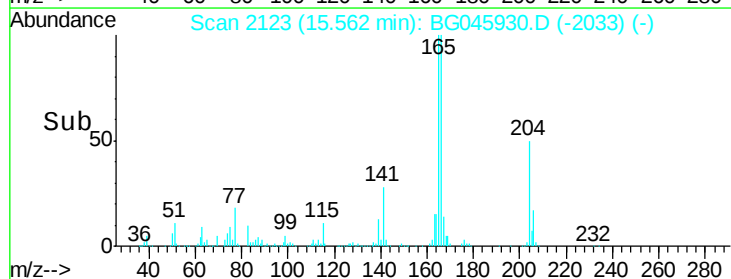
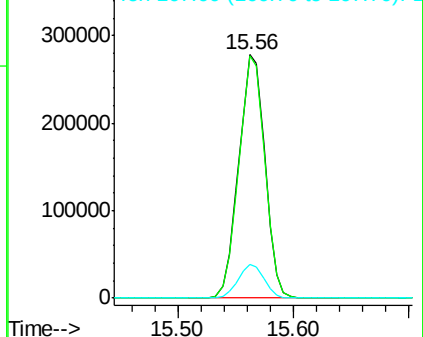


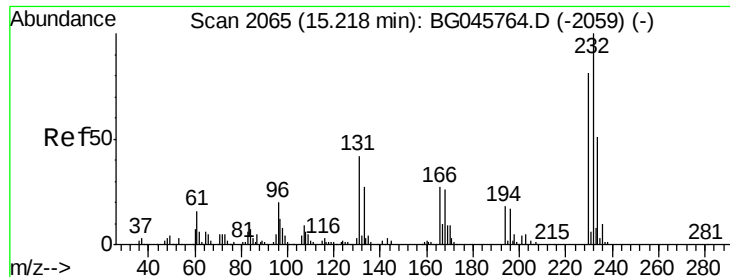
#58
Fluorene
Concen: 45.228 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:166 Resp: 437614
Ion Ratio Lower Upper
166 100
165 99.7 76.9 115.3
167 13.8 11.3 16.9



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.364 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

Tot Ion:232 Resp: 119345

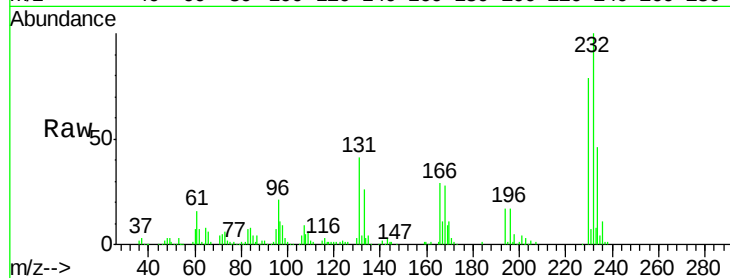
Ion Ratio Lower Upper

232 100

131 38.3 34.2 51.2

130 2.2 2.1 3.1

166 26.9 23.0 34.4



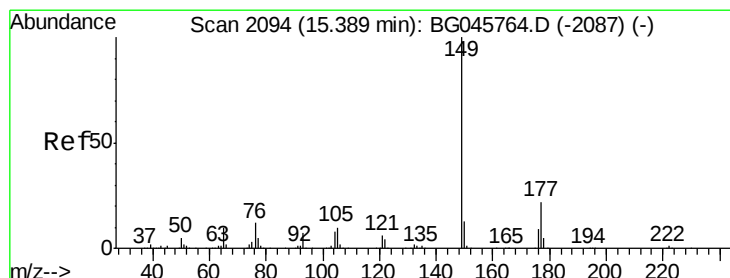
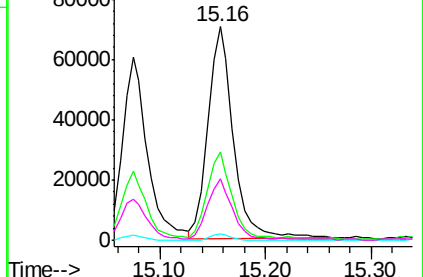
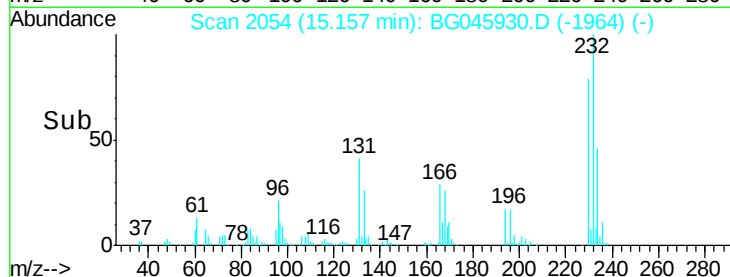
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



#60

Diethylphthalate

Concen: 45.362 ng

RT: 15.34 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

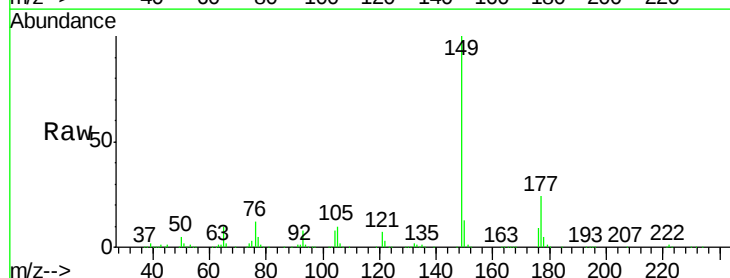
Tgt Ion:149 Resp: 463423

Ion Ratio Lower Upper

149 100

177 23.7 18.6 28.0

150 12.7 10.2 15.2

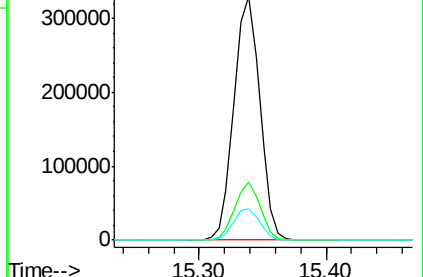
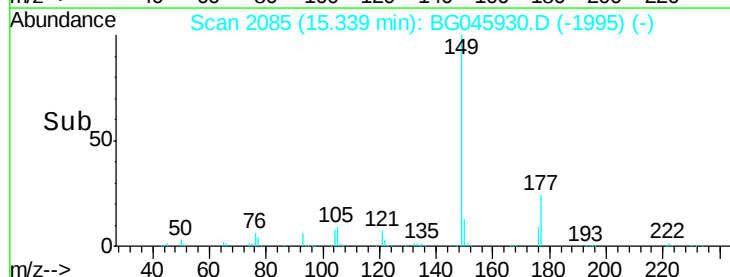


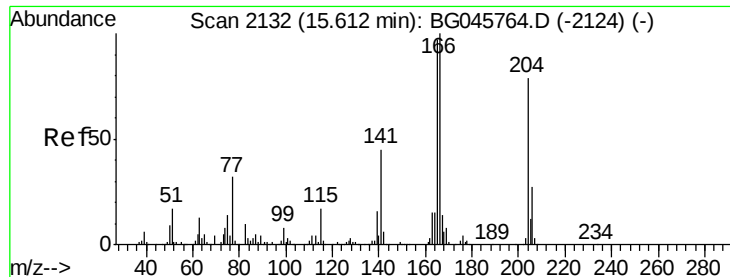
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->

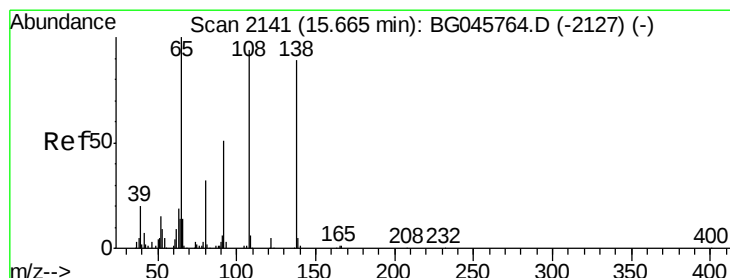
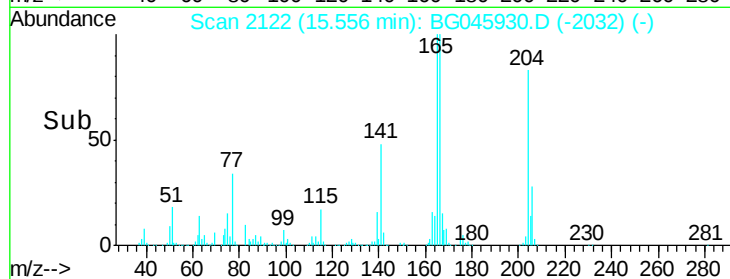
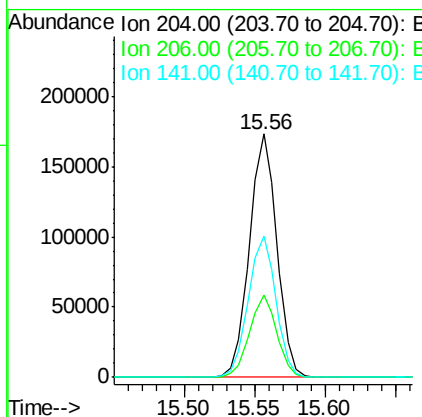
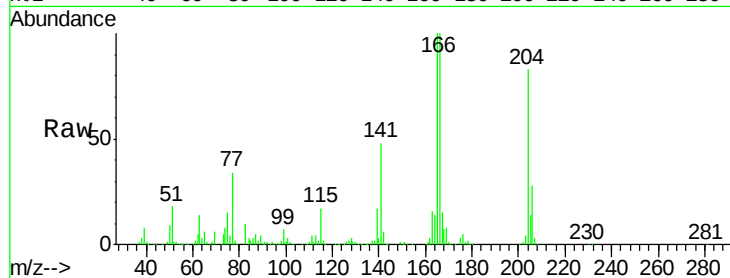




#61
4-Chlorophenyl-phenylether
Concen: 42.489 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

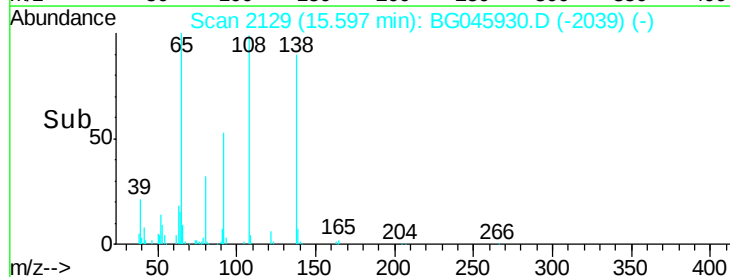
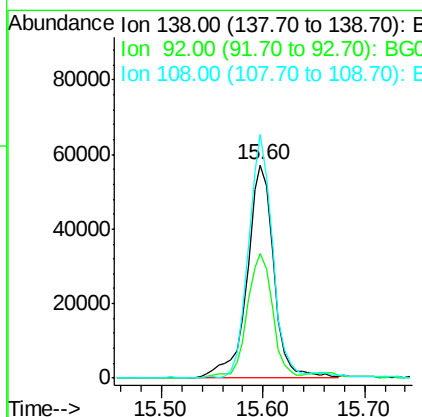
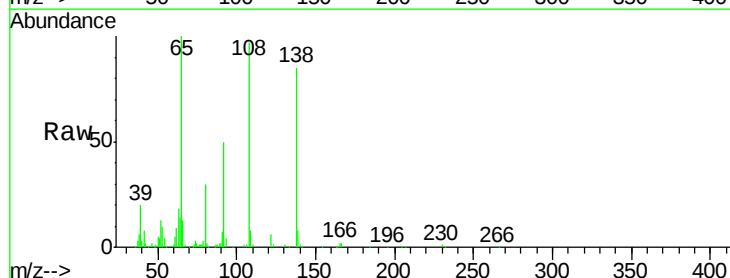
Instrument :
BNA_G
ClientSampleId :
PB129945BS

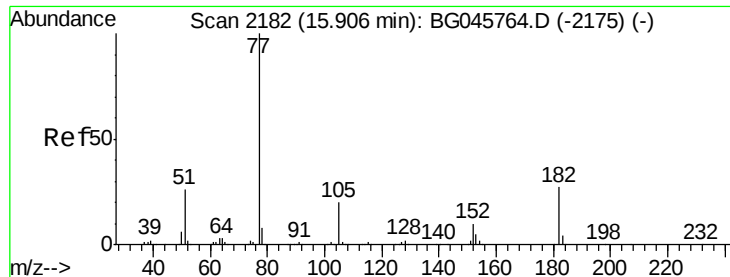
Tot Ion:204 Resp: 236946
Ion Ratio Lower Upper
204 100
206 33.7 26.4 39.6
141 57.9 47.9 71.9



#62
4-Nitroaniline
Concen: 45.556 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:138 Resp: 104822
Ion Ratio Lower Upper
138 100
92 58.5 34.9 74.9
108 114.3 92.3 132.3

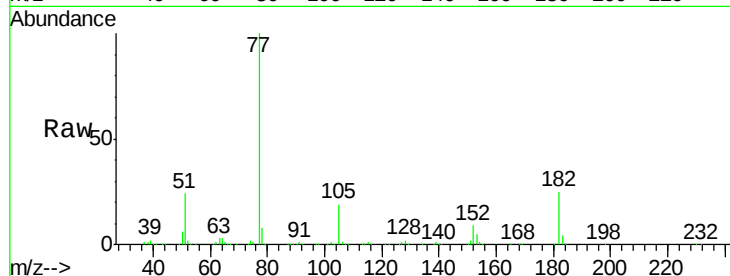




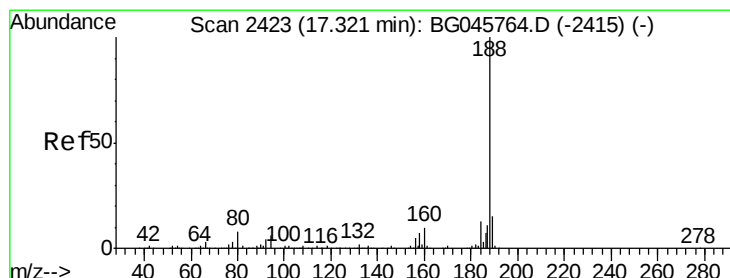
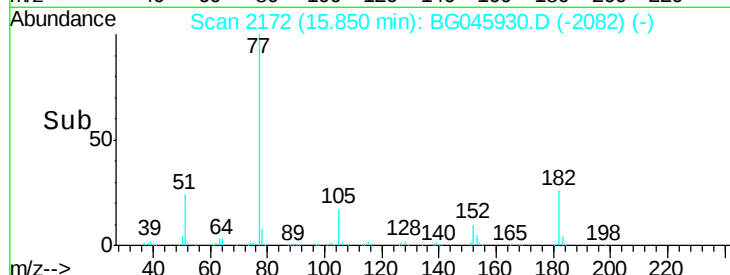
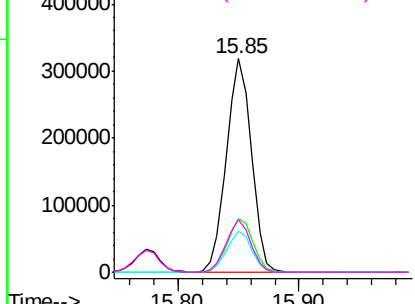
#63
Azobenzene
Concen: 46.744 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Instrument :
BNA_G
ClientSampleId :
PB129945BS

Tot Ion: 77 Resp: 458526
Ion Ratio Lower Upper
77 100
182 25.4 6.0 46.0
105 19.0 0.0 38.0
51 24.3 4.7 44.7

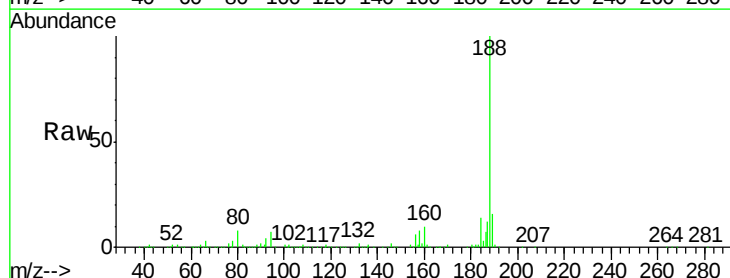


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

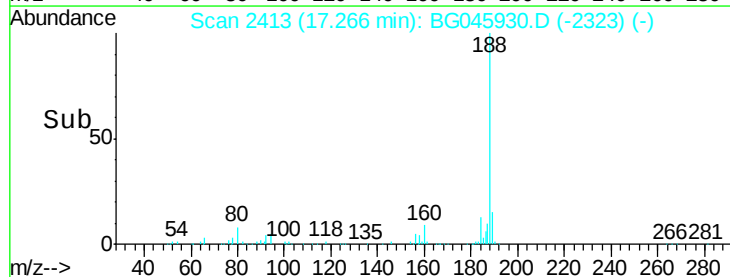
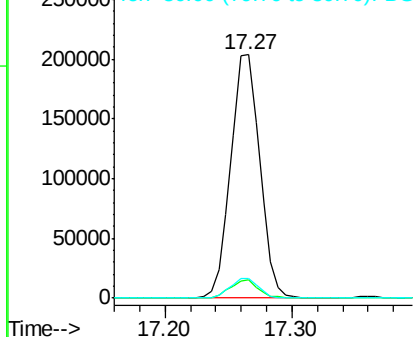


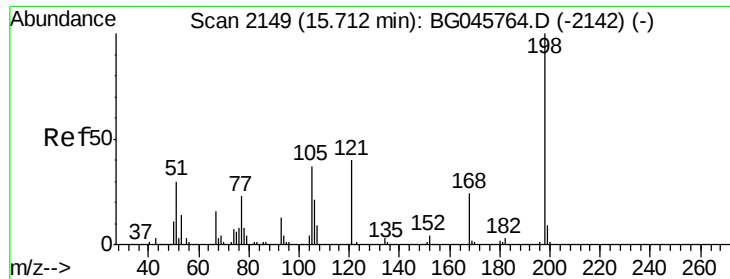
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion: 188 Resp: 323337
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.0 6.1 9.1



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: 44.337 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

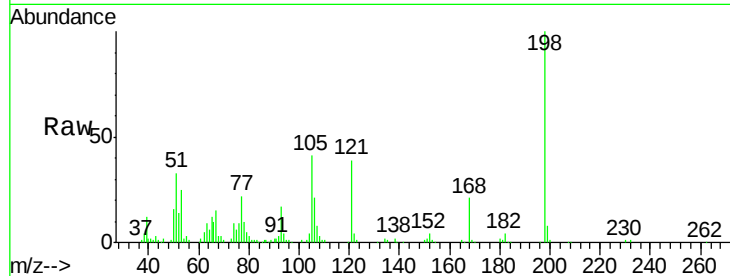
Tot Ion:198 Resp: 88595

Ion Ratio Lower Upper

198 100

51 33.1 14.6 54.6

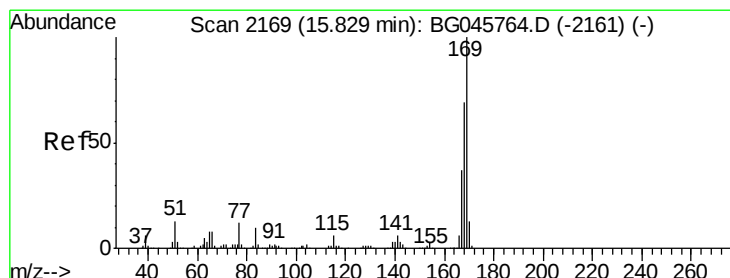
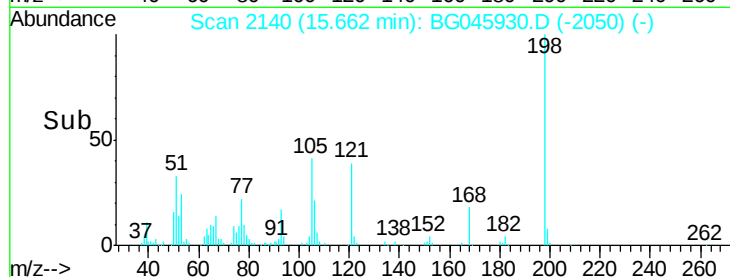
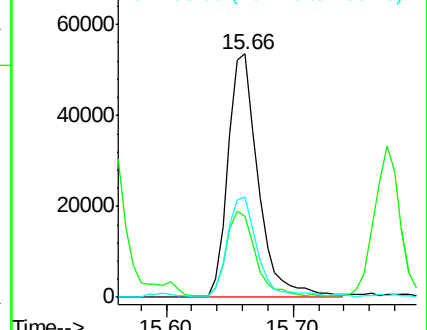
105 41.0 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.515 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

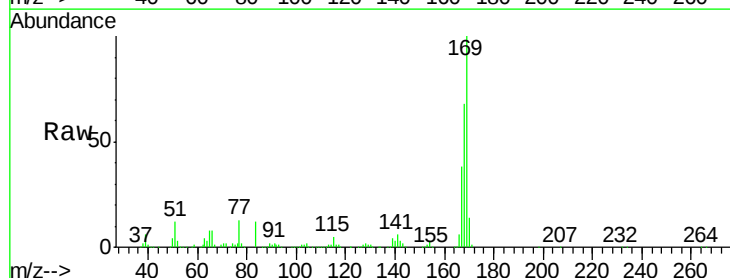
Tgt Ion:169 Resp: 389359

Ion Ratio Lower Upper

169 100

168 68.1 53.6 80.4

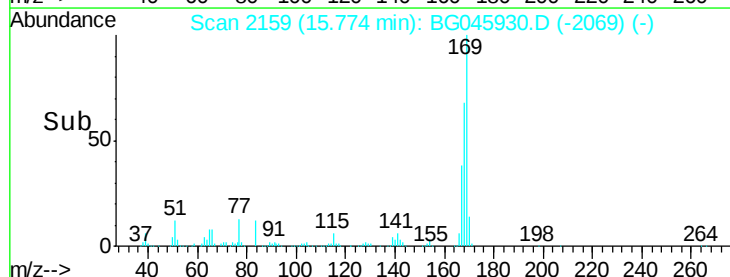
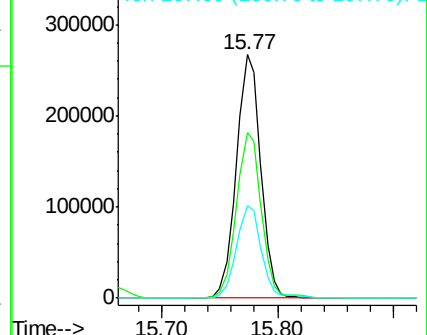
167 37.8 30.7 46.1

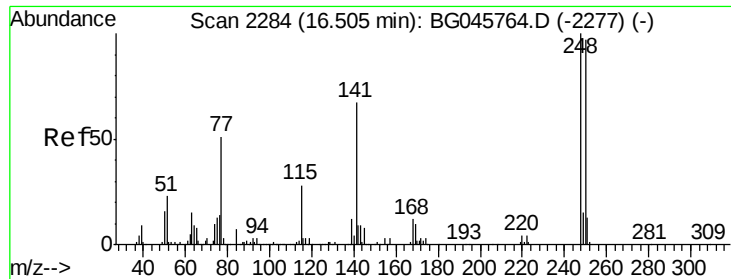


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

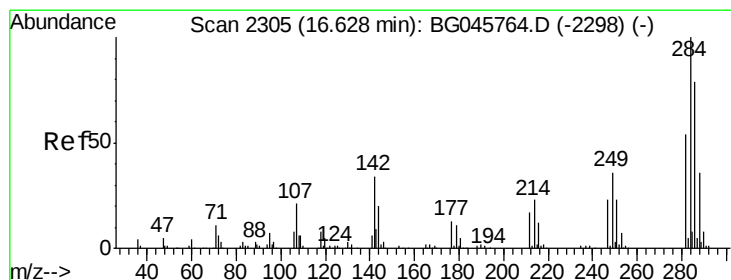
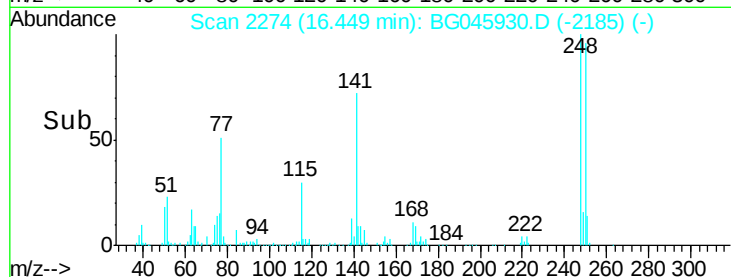
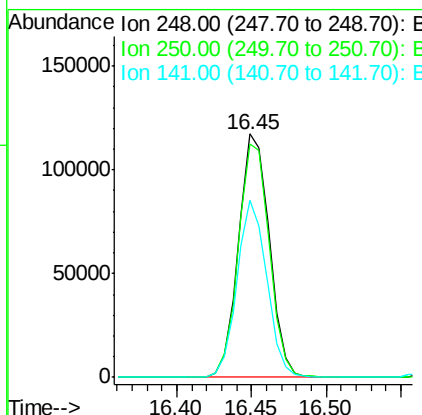
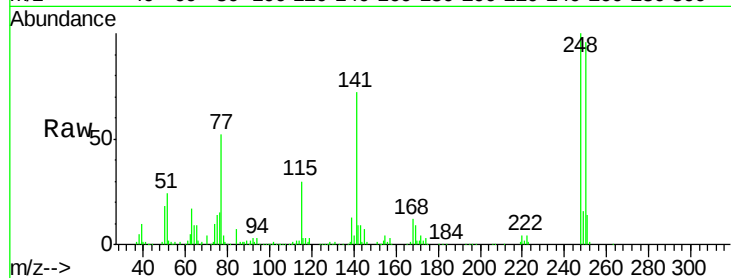




#67
4-Bromophenyl-phenylether
Concen: 40.025 ng
RT: 16.45 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

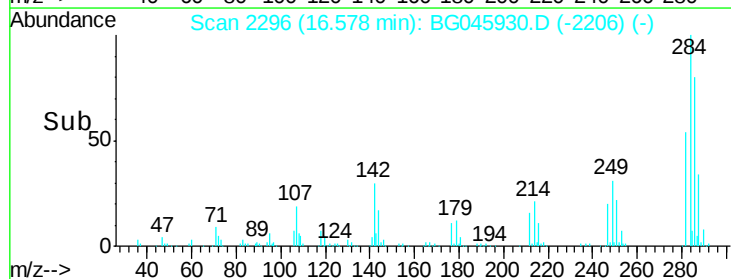
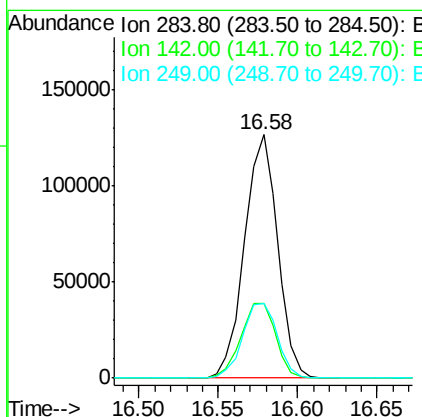
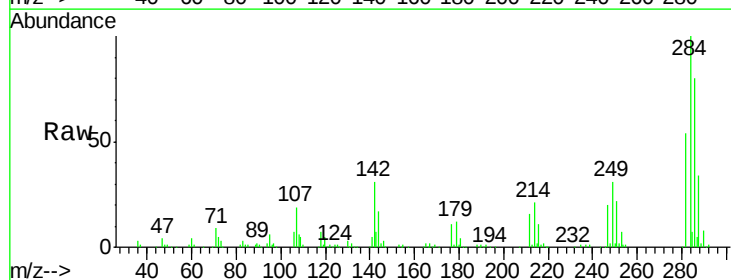
Instrument :
BNA_G
ClientSampleId :
PB129945BS

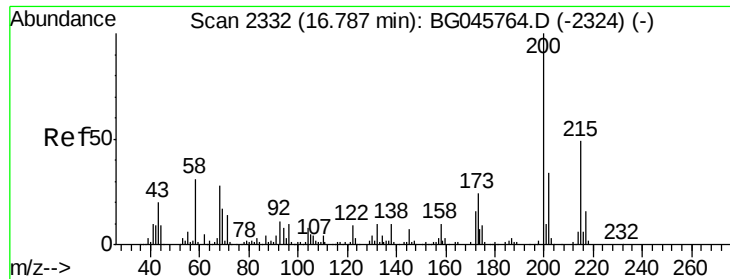
Tot Ion:248 Resp: 168159
Ion Ratio Lower Upper
248 100
250 95.8 77.2 115.8
141 72.5 52.6 79.0



#68
Hexachlorobenzene
Concen: 42.226 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:284 Resp: 183959
Ion Ratio Lower Upper
284 100
142 30.6 23.2 34.8
249 30.8 25.5 38.3

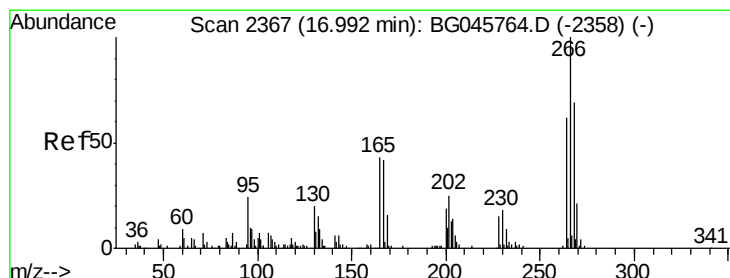
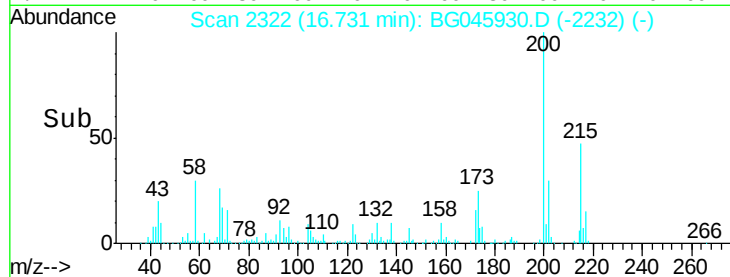
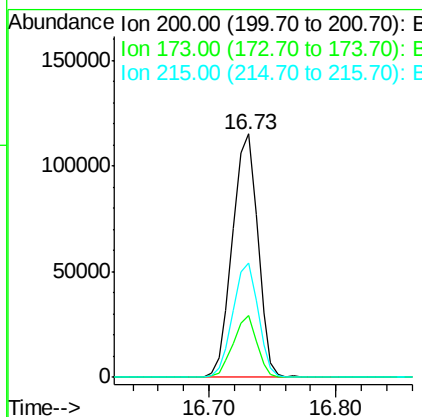
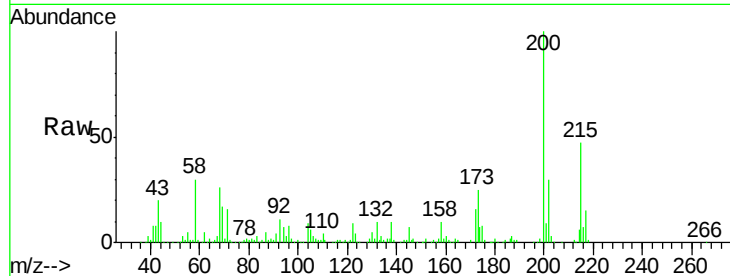




#69
 Atrazine
 Concen: 44.976 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

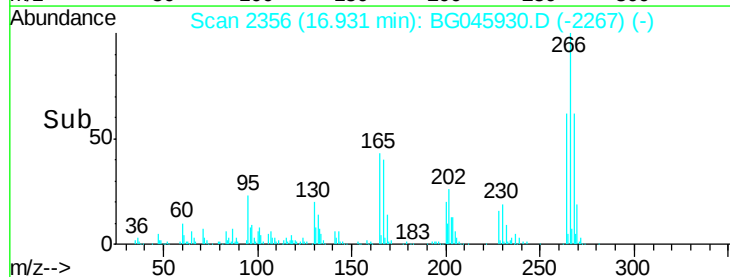
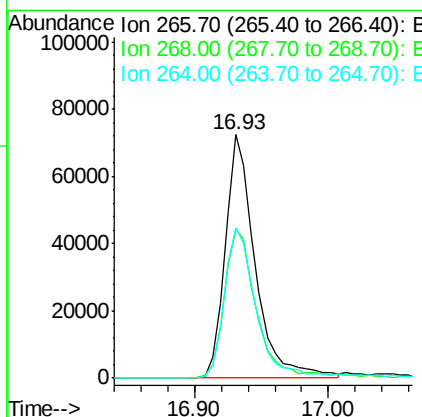
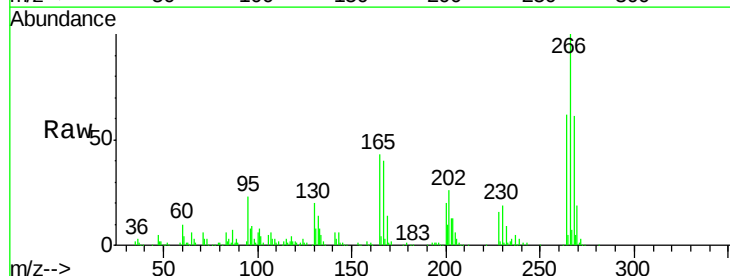
Instrument :
 BNA_G
 ClientSampleId :
 PB129945BS

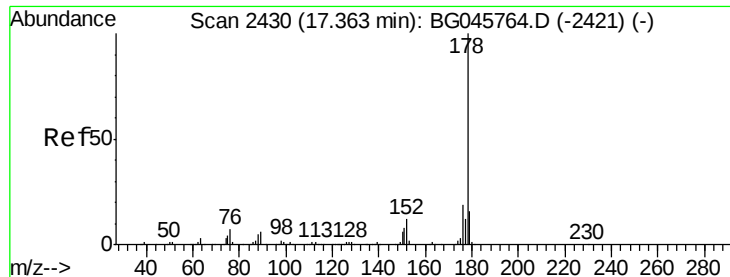
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	4.3	44.3
215	46.9	30.5	70.5



#70
 Pentachlorophenol
 Concen: 55.598 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	50.5	75.7
264	61.7	47.0	70.6

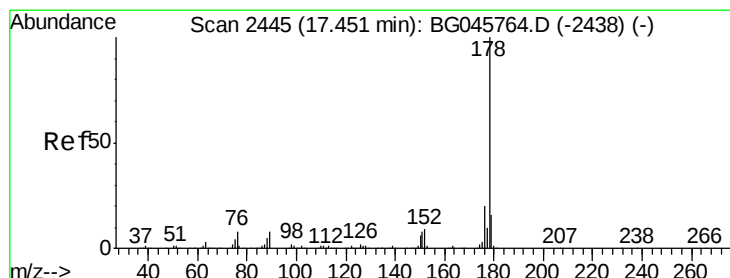
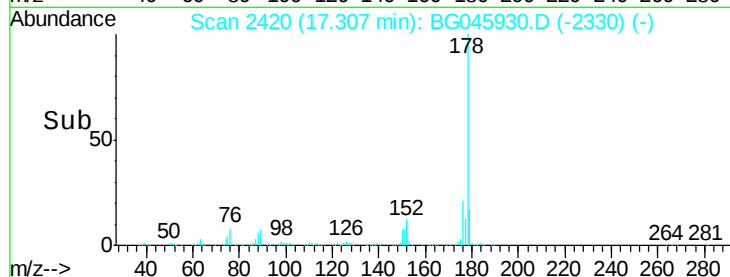
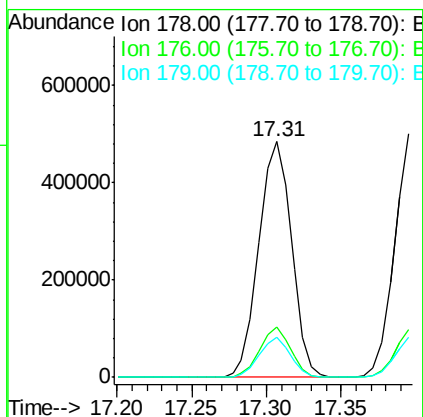
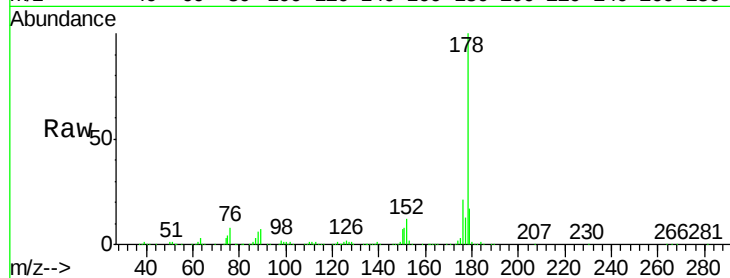




#71
Phenanthrene
Concen: 44.044 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

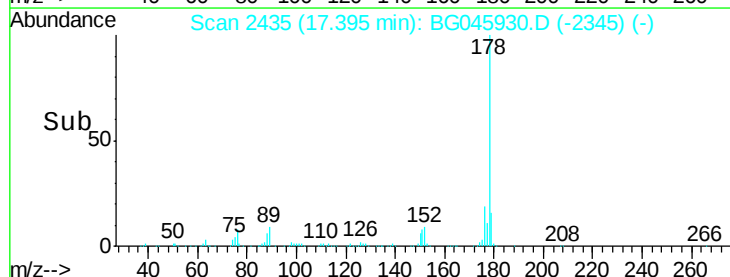
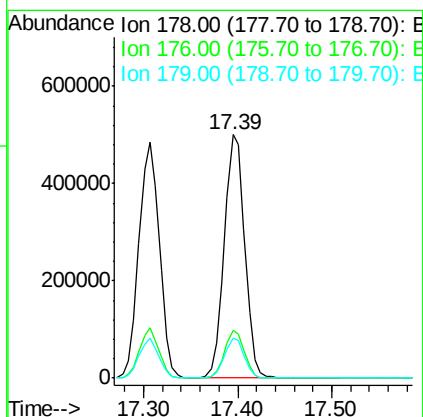
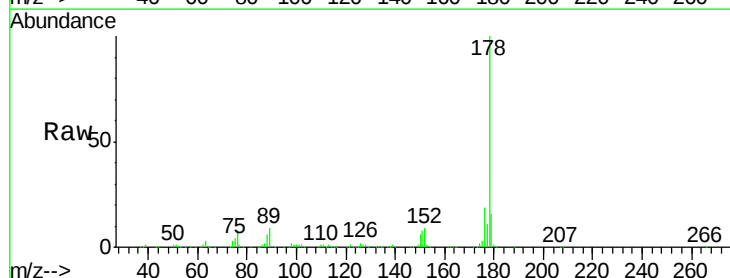
Instrument :
BNA_G
ClientSampleId :
PB129945BS

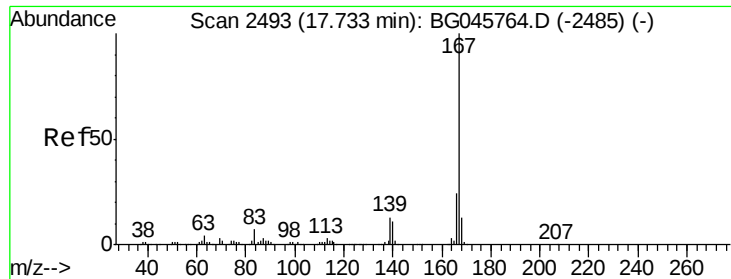
Tot Ion:178 Resp: 734466
Ion Ratio Lower Upper
178 100
176 21.2 15.8 23.8
179 16.9 12.6 19.0



#72
Anthracene
Concen: 45.650 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:178 Resp: 758045
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.4 13.0 19.4

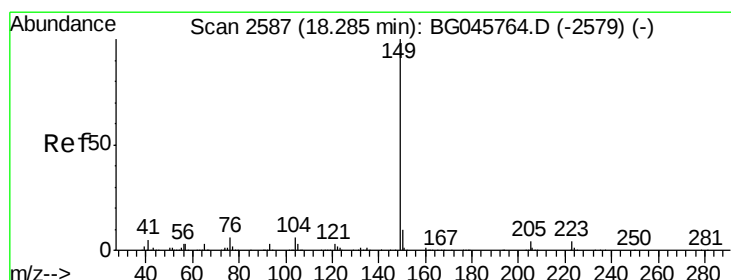
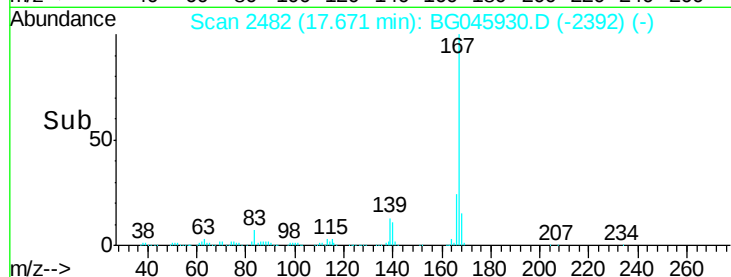
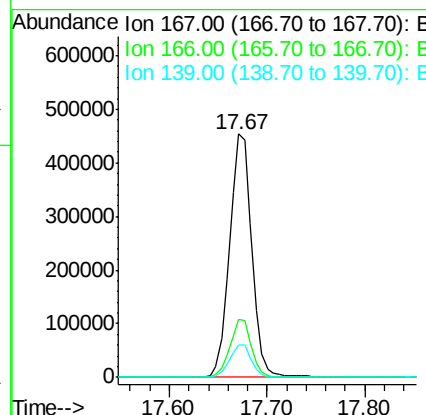
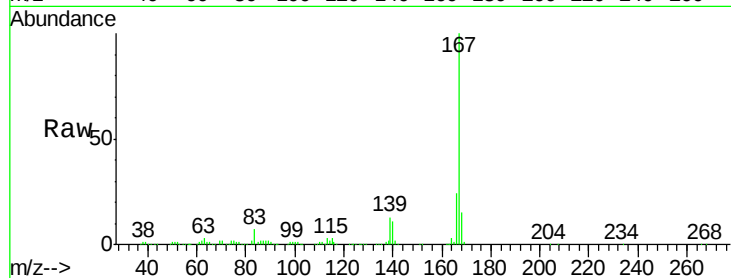




#73
 Carbazole
 Concen: 45.144 ng
 RT: 17.67 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

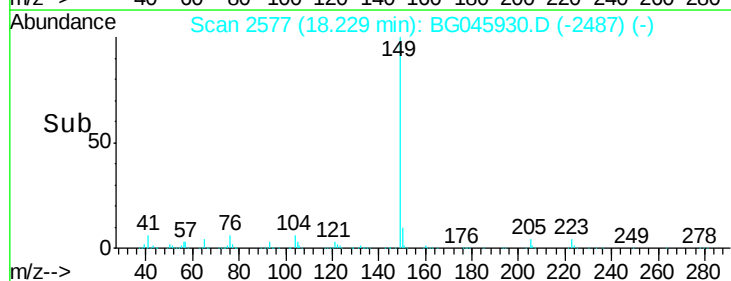
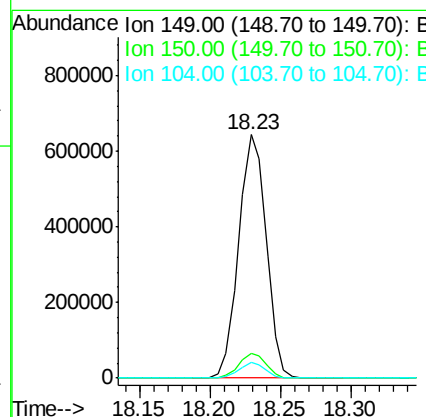
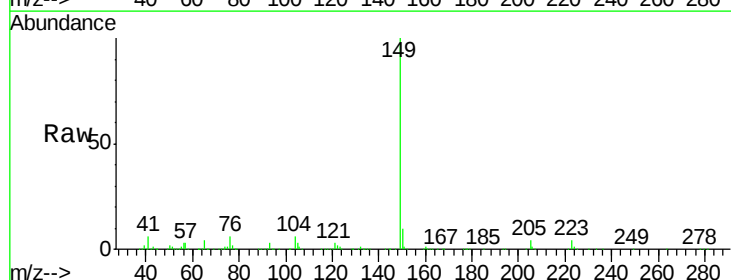
Instrument :
 BNA_G
 ClientSampleId :
 PB129945BS

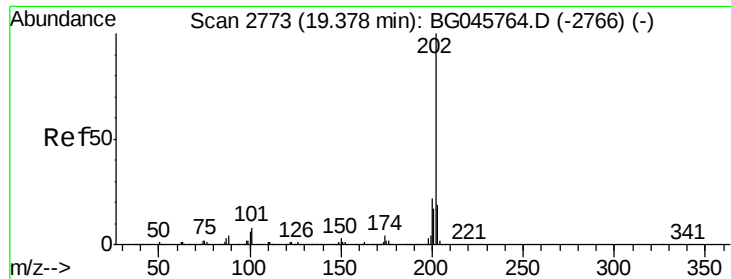
Tot Ion:167 Resp: 713792
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.9 28.3
 139 13.1 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 46.780 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Tgt Ion:149 Resp: 875795
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.0
 104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 47.486 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

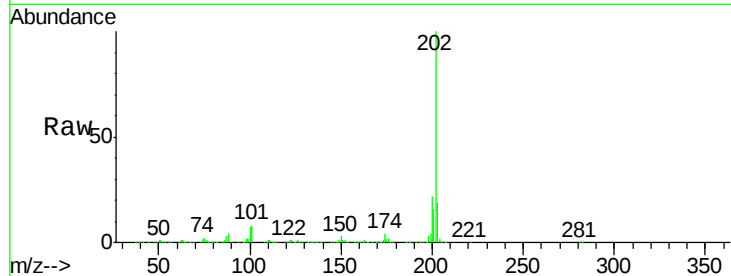
Tot Ion:202 Resp: 973726

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

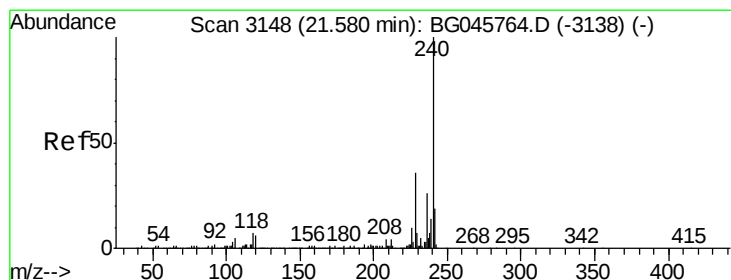
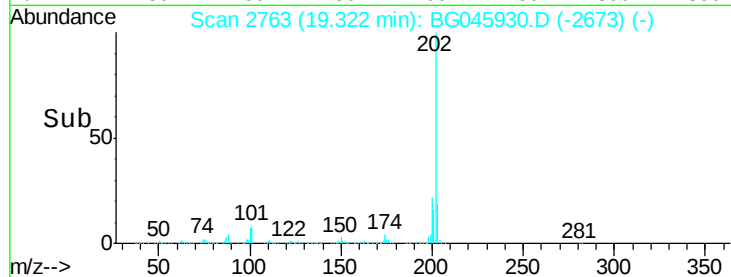
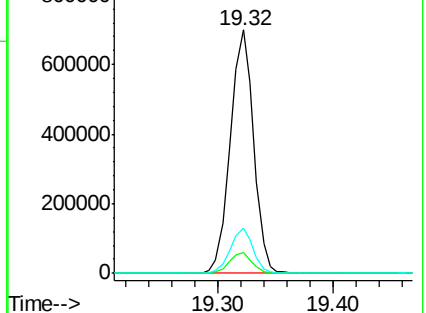
203 18.7 0.0 38.5



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: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

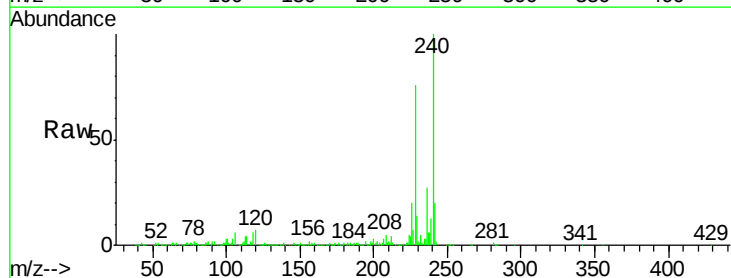
Tgt Ion:240 Resp: 323446

Ion Ratio Lower Upper

240 100

120 7.3 5.2 7.8

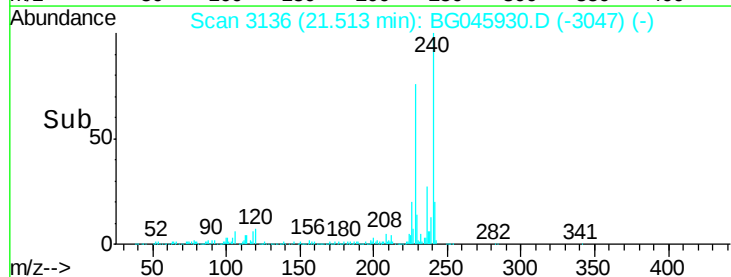
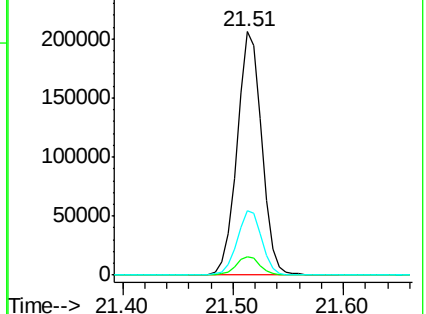
236 26.6 20.8 31.2

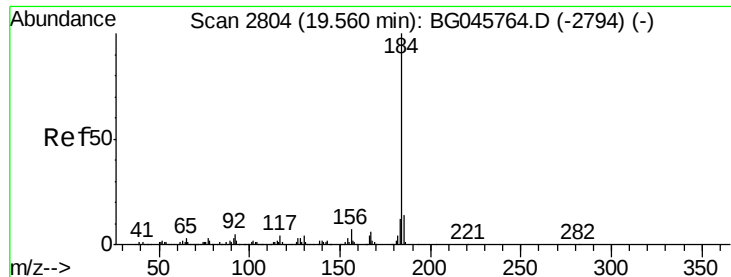


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.311 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

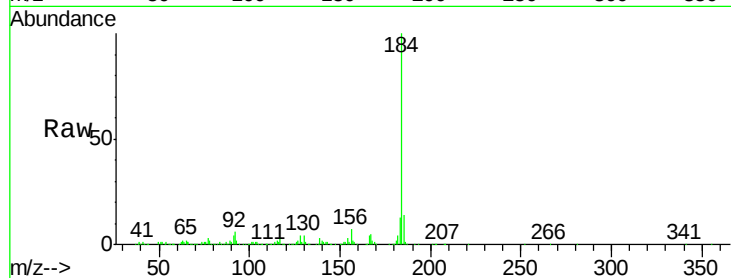
Tot Ion:184 Resp: 423043

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

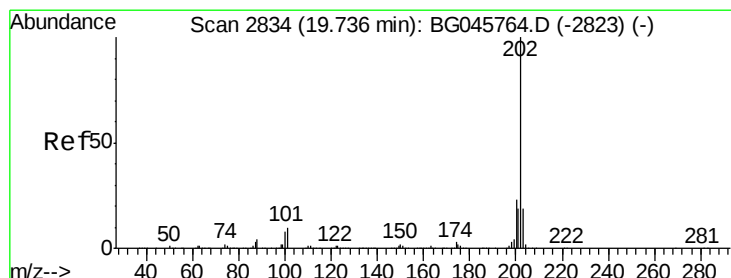
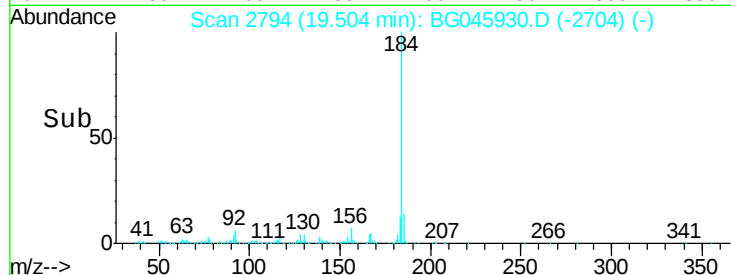
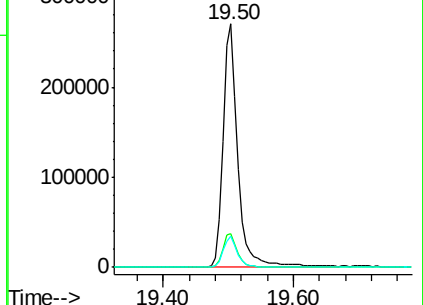
183 12.7 10.6 15.8



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: 44.240 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

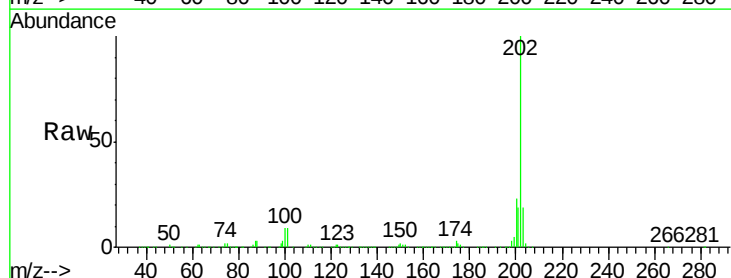
Tgt Ion:202 Resp: 958209

Ion Ratio Lower Upper

202 100

200 22.5 18.1 27.1

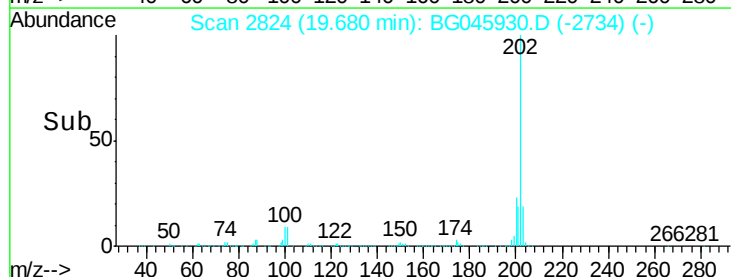
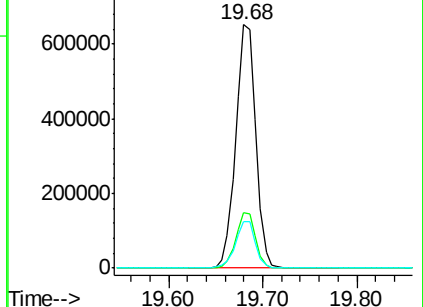
203 19.1 15.1 22.7

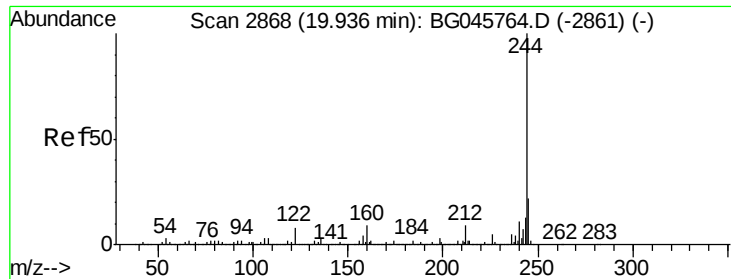


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.532 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

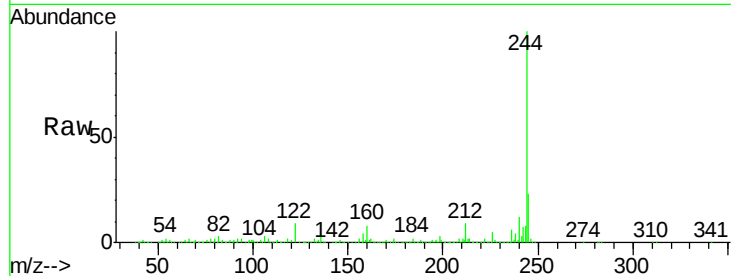
BNA_G

ClientSampleId :

PB129945BS

Tot Ion:244 Resp: 1508742

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	8.7	6.6	9.8

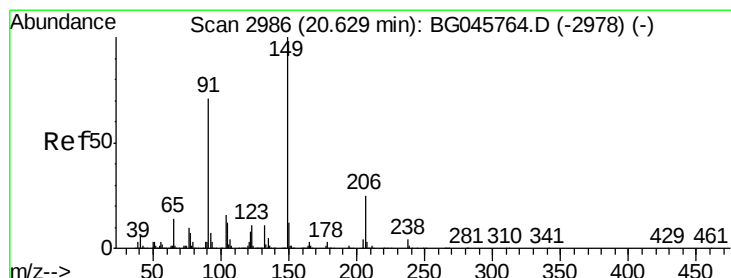
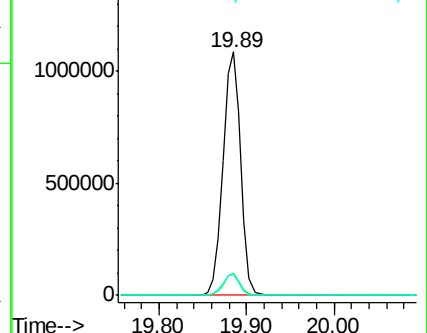
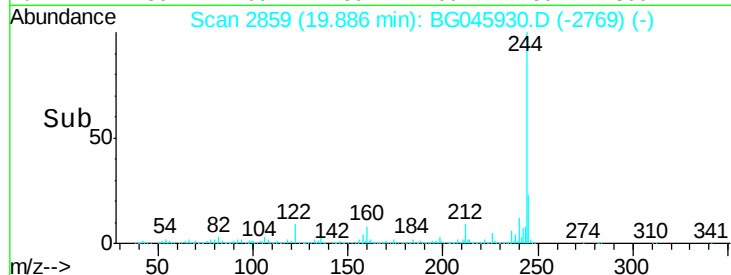


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.645 ng

RT: 20.57 min Scan# 2976

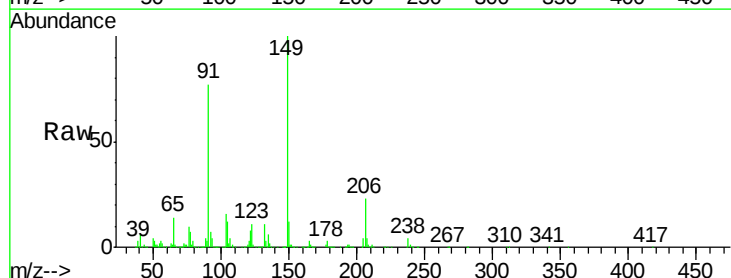
Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Tgt Ion:149 Resp: 404750

Ion	Ratio	Lower	Upper
149	100		
91	76.5	60.4	90.6
206	22.6	19.8	29.6

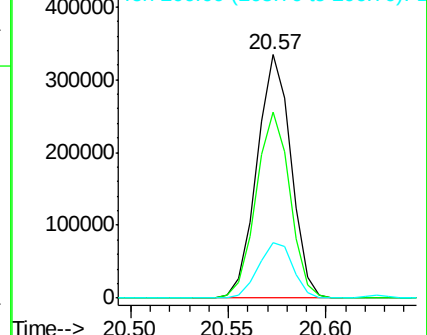
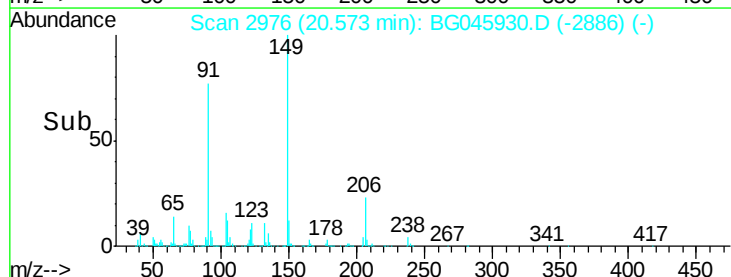


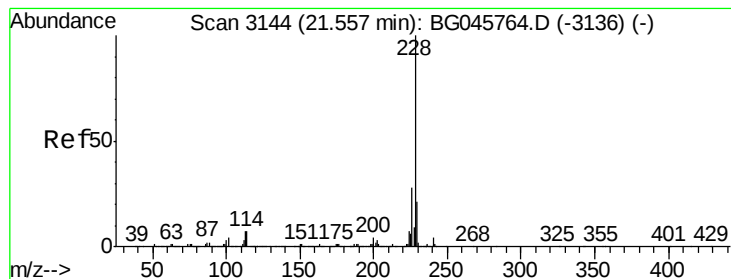
Abundance

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: 44.413 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

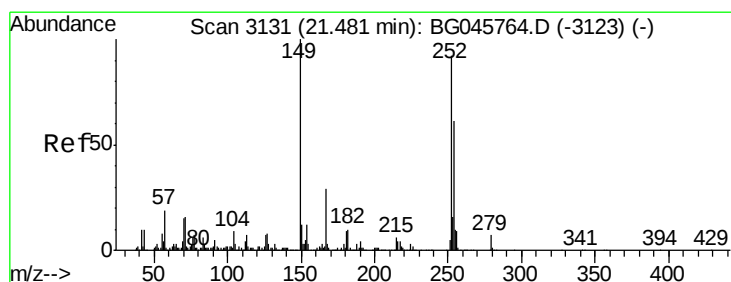
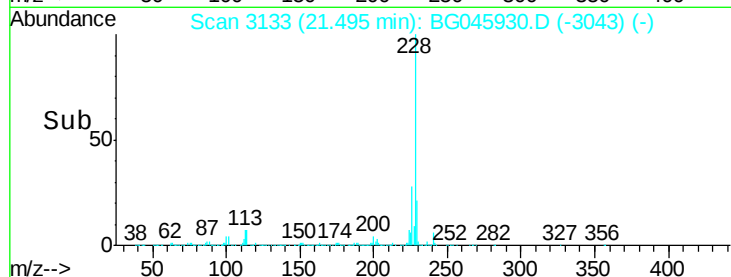
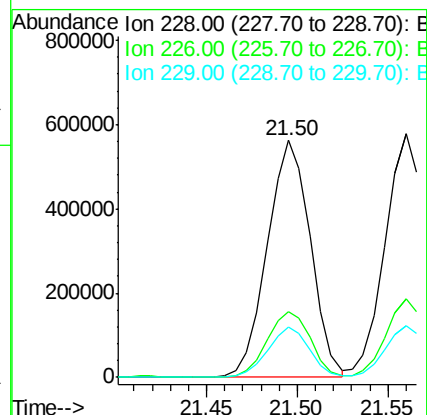
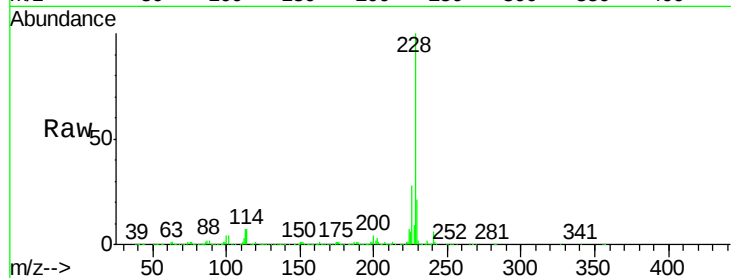
Tot Ion:228 Resp: 931355

Ion Ratio Lower Upper

228 100

226 27.9 23.3 34.9

229 21.1 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 32.396 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

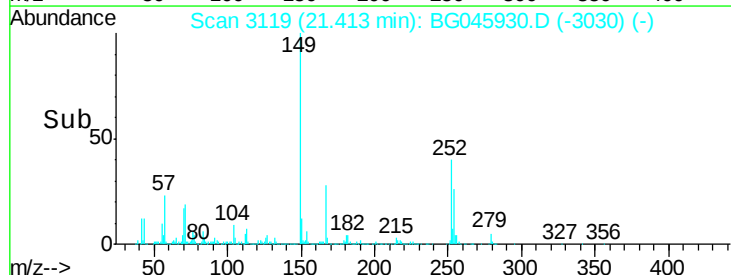
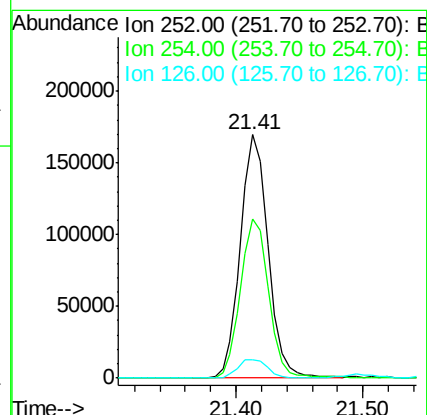
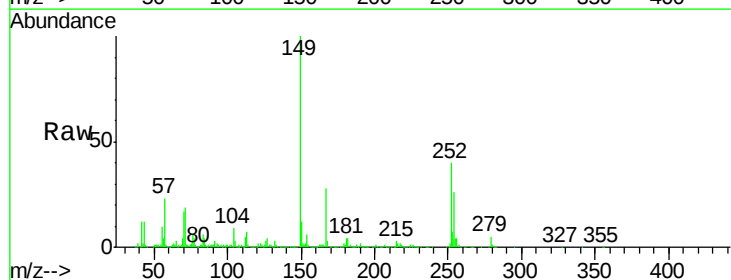
Tgt Ion:252 Resp: 256968

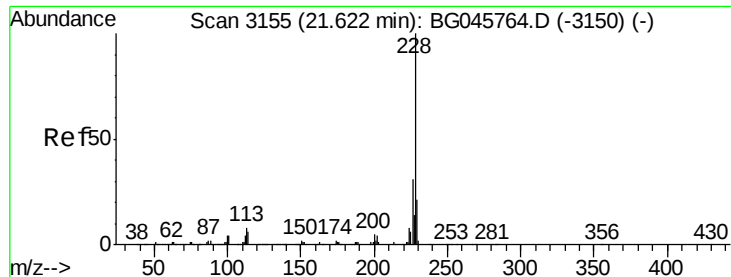
Ion Ratio Lower Upper

252 100

254 65.6 53.8 80.6

126 7.6 6.4 9.6





#83

Chrysene

Concen: 44.300 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

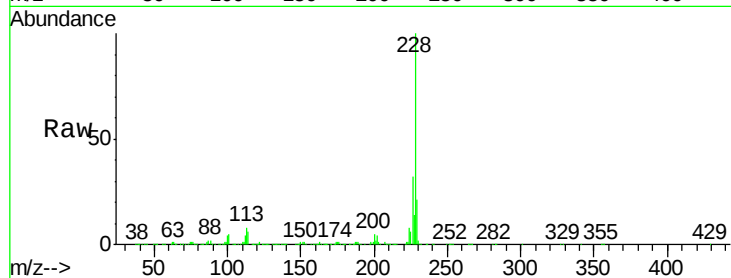
Tot Ion:228 Resp: 898538

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

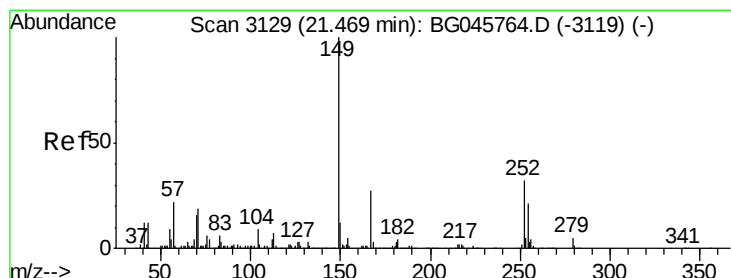
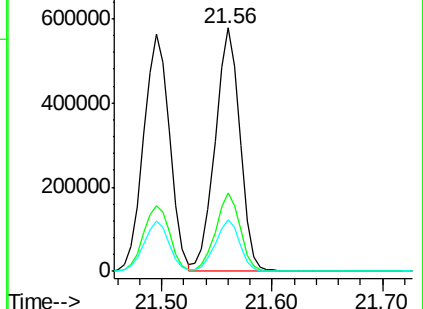
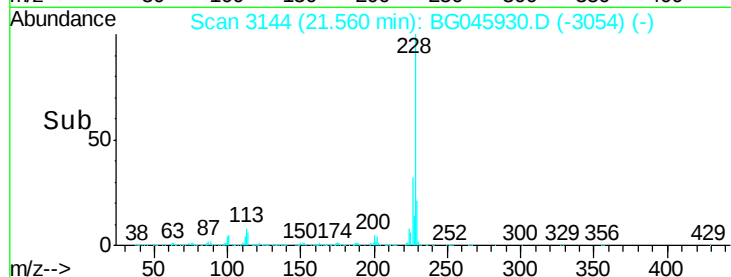
229 20.9 16.4 24.6



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: 45.707 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

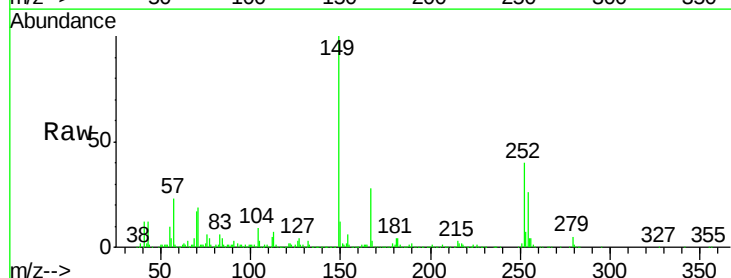
Tgt Ion:149 Resp: 576377

Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

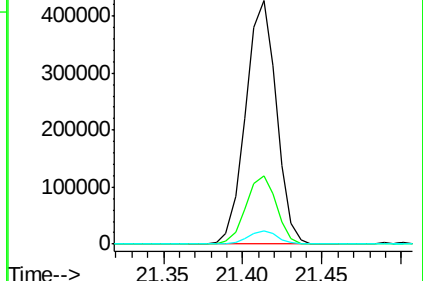
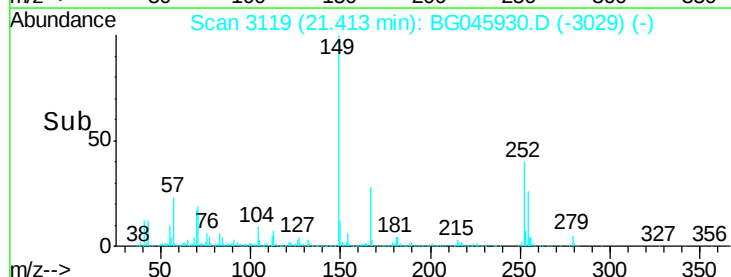
279 5.4 4.4 6.6

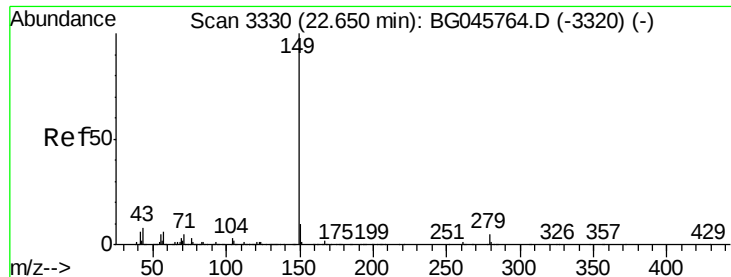


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.426 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

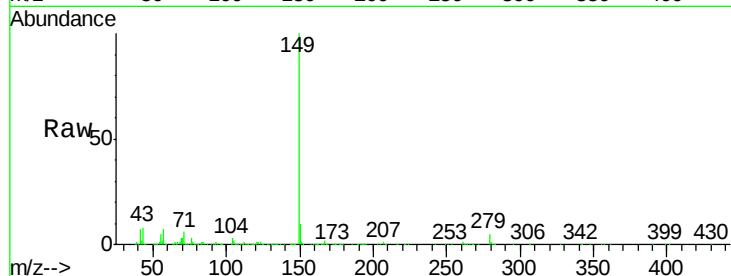
Tot Ion:149 Resp: 988104

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.6 6.1 9.1



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

800000

600000

400000

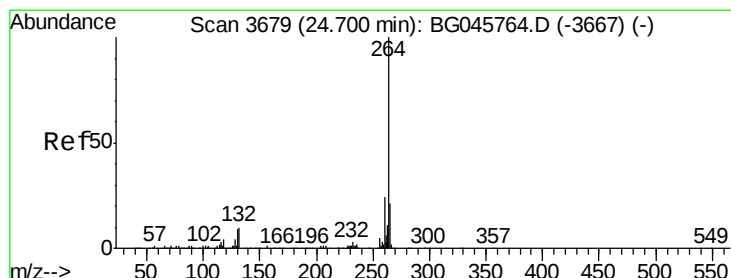
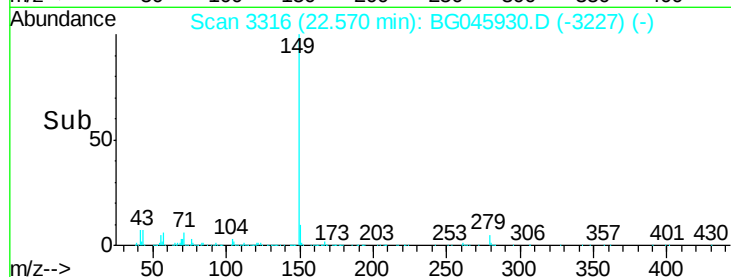
200000

0

22.57

22.50 22.60 22.70

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

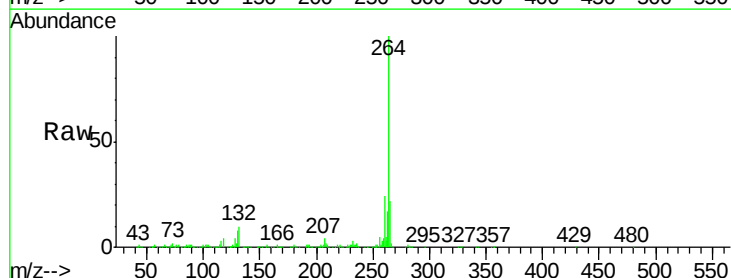
Tgt Ion:264 Resp: 345022

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 21.9 16.4 24.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

150000

100000

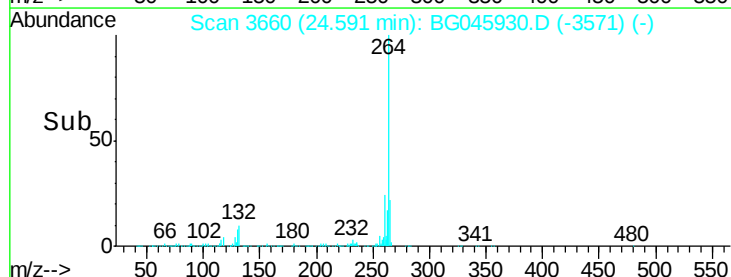
50000

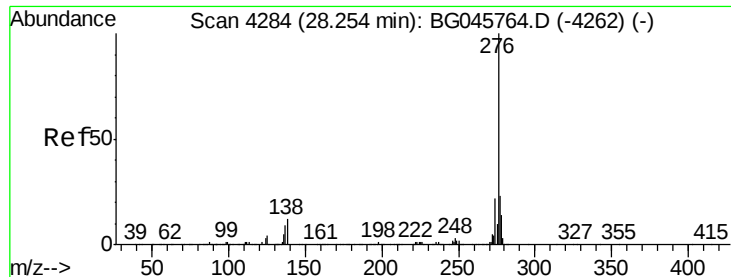
0

24.59

24.40 24.50 24.60 24.70

Time-->

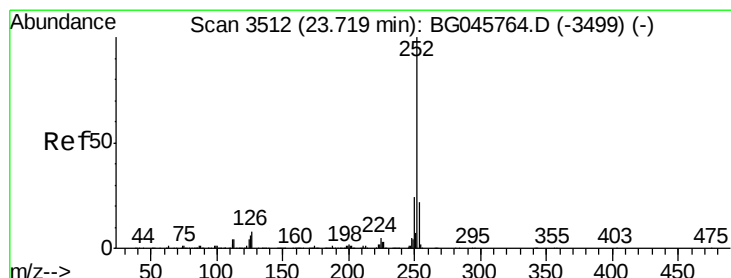
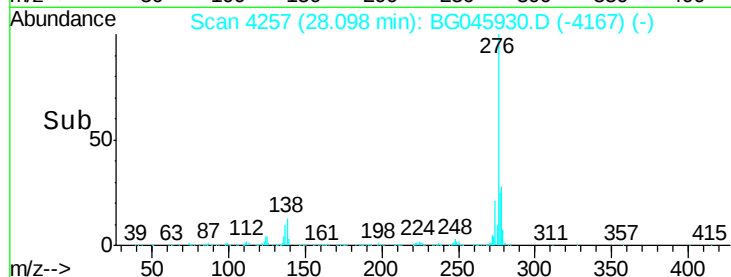
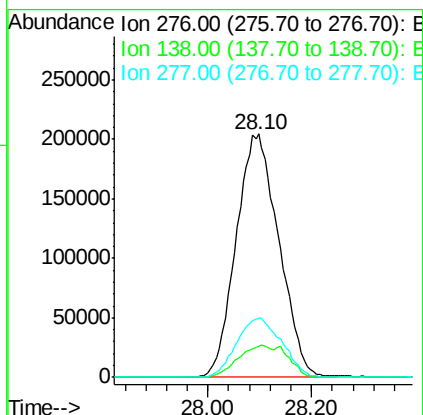
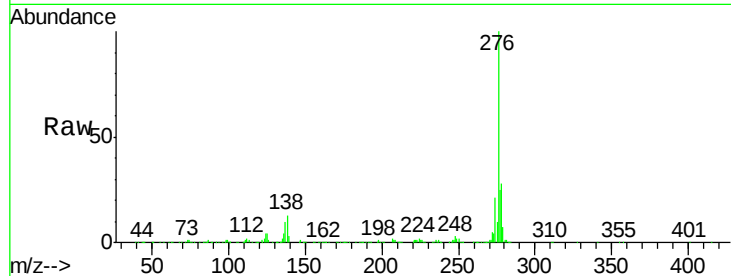




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.907 ng
 RT: 28.10 min Scan# 4257
 Delta R.T. -0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

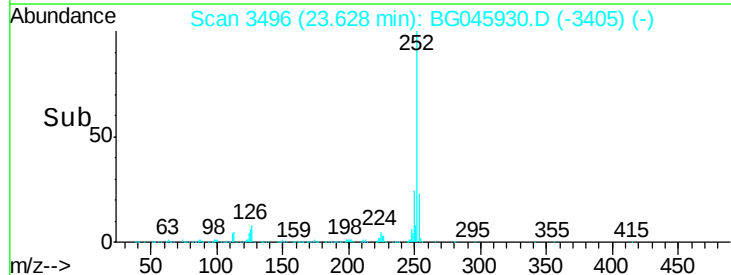
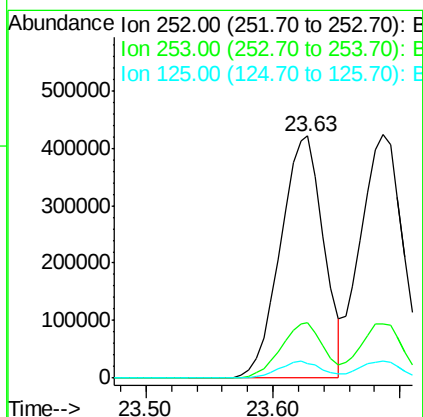
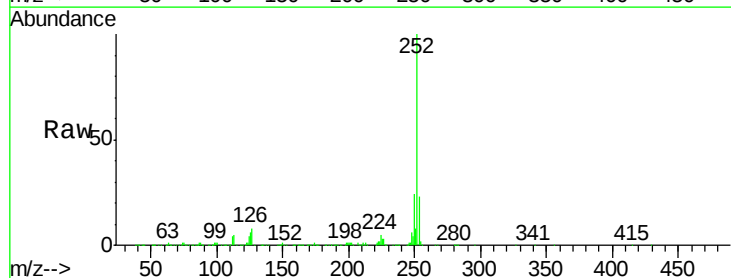
Instrument :
 BNA_G
 ClientSampleId :
 PB129945BS

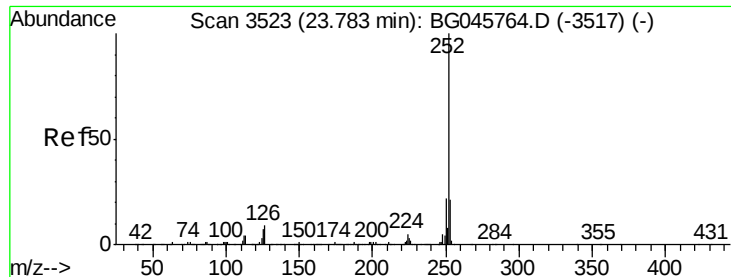
Tot Ion:276 Resp: 1173266
 Ion Ratio Lower Upper
 276 100
 138 10.7 8.4 12.6
 277 25.7 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 45.915 ng
 RT: 23.63 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: BG045930.D
 Acq: 3 Jul 2020 2:47

Tgt Ion:252 Resp: 993262
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.5 27.7
 125 6.0 5.2 7.8

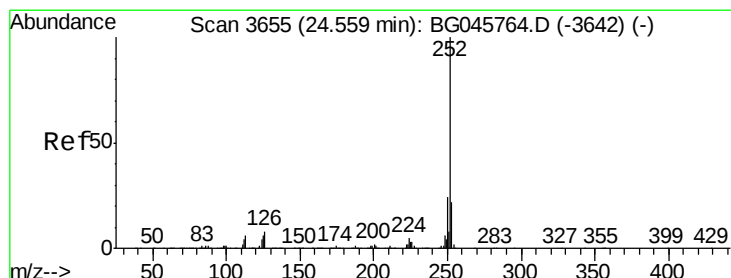
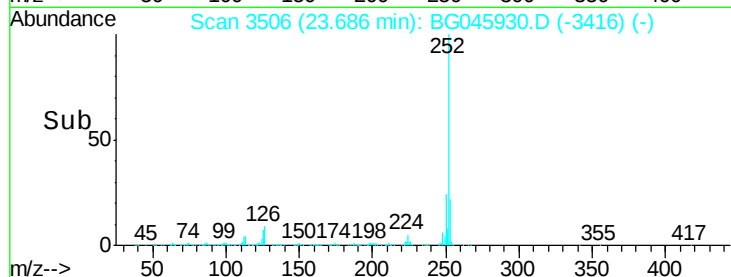
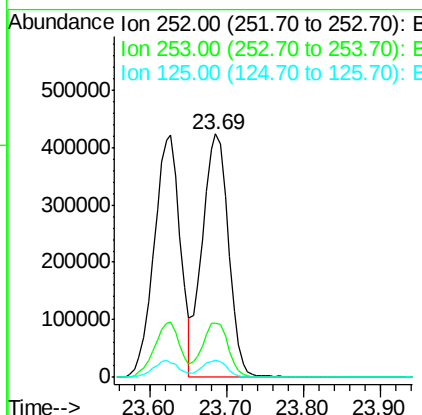
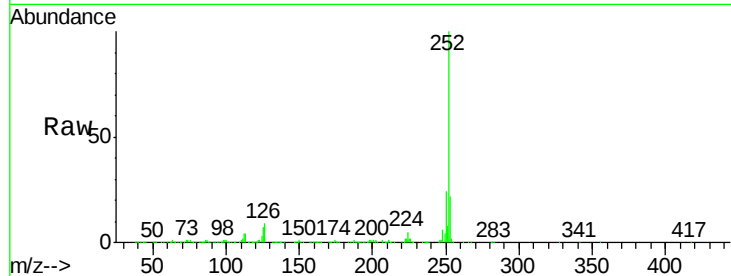




#89
Benzo(k)fluoranthene
Concen: 47.754 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.00 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

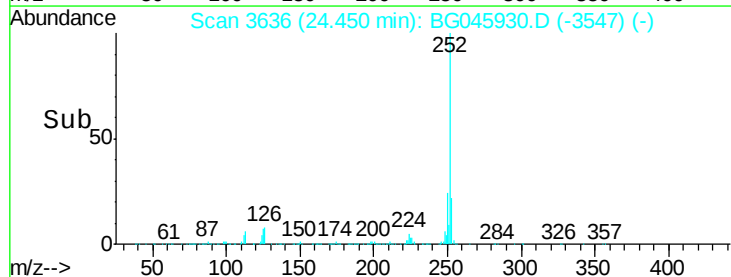
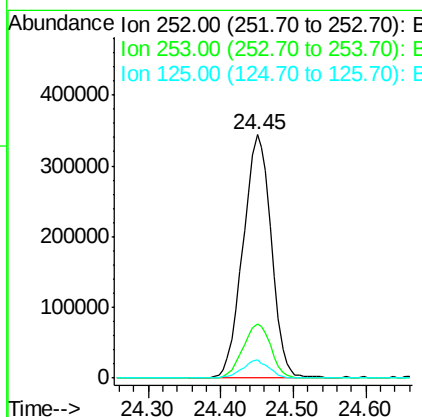
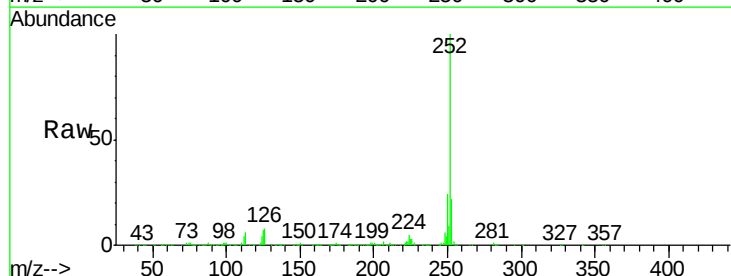
Instrument :
BNA_G
ClientSampleId :
PB129945BS

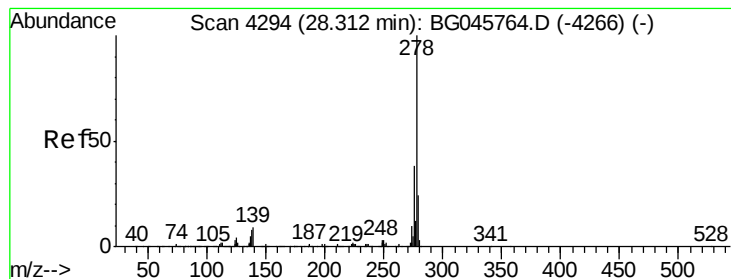
Tot Ion:252 Resp: 988714
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 6.8 5.2 7.8



#90
Benzo(a)pyrene
Concen: 46.033 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.01 min
Lab File: BG045930.D
Acq: 3 Jul 2020 2:47

Tgt Ion:252 Resp: 930216
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 7.5 5.4 8.0





#91

Dibenzo(a,h)anthracene

Concen: 47.450 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

Instrument :

BNA_G

ClientSampleId :

PB129945BS

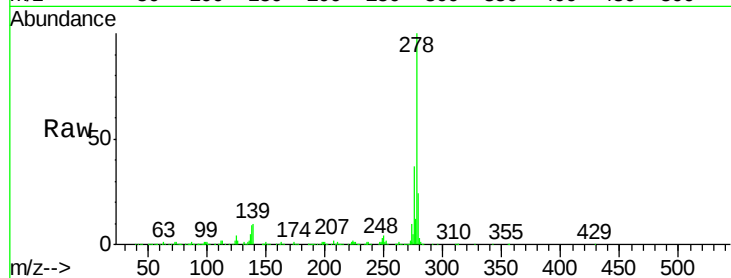
Tot Ion:278 Resp: 951732

Ion Ratio Lower Upper

278 100

139 9.6 7.8 11.8

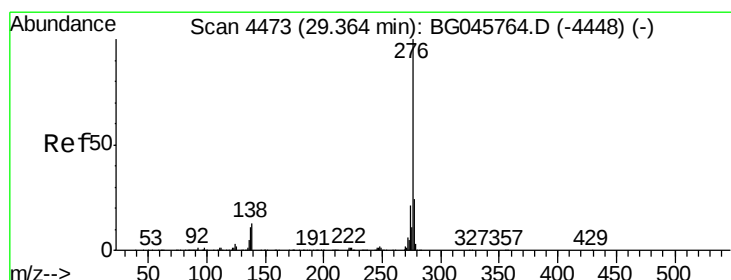
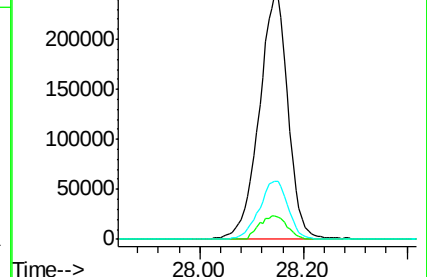
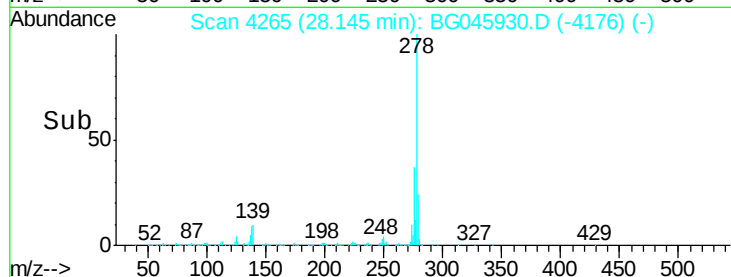
279 24.0 19.4 29.0



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: 47.400 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.01 min

Lab File: BG045930.D

Acq: 3 Jul 2020 2:47

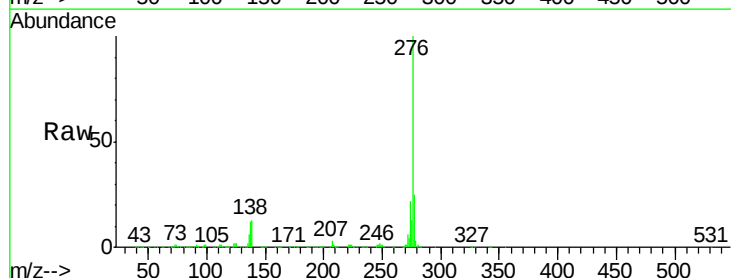
Tgt Ion:276 Resp: 951610

Ion Ratio Lower Upper

276 100

277 24.6 18.2 27.2

138 13.5 10.1 15.1



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

