

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
 Data File : BG045190.D
 Acq On : 28 Apr 2020 18:13
 Operator : CG/JU
 Sample : PB128519BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

Quant Time: Apr 28 18:48:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	62629	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	238065	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	178614	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	453493	20.00	ng	0.00
76) Chrysene-d12	21.65	240	440998	20.00	ng	0.00
87) Perylene-d12	24.82	264	491860	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	318939	84.07	ng	0.00
7) Phenol-d6	7.16	99	447877	79.46	ng	0.00
23) Nitrobenzene-d5	9.15	82	399581	76.59	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	228126	82.67	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	966472	79.34	ng	0.00
79) Terphenyl-d14	19.99	244	1848437	91.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	59009	35.002	ng	93
3) Pyridine	3.84	79	166740	32.122	ng	96
4) n-Nitrosodimethylamine	3.76	42	65467	41.170	ng	91
6) Aniline	7.31	93	225291	30.743	ng	97
8) 2-Chlorophenol	7.56	128	176724	43.346	ng	98
9) Benzaldehyde	7.12	77	63387	15.086	ng	97
10) Phenol	7.18	94	240741	42.684	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	162983	36.295	ng	96
12) 1,3-Dichlorobenzene	7.88	146	190212	39.593	ng	98
13) 1,4-Dichlorobenzene	8.03	146	187681	39.206	ng	98
14) 1,2-Dichlorobenzene	8.35	146	180012	39.306	ng	99
15) Benzyl Alcohol	8.23	79	170872	36.160	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	147852	33.542	ng	93
17) 2-Methylphenol	8.44	107	157276	36.142	ng	95
18) Hexachloroethane	9.08	117	73600	40.898	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	143066	35.893	ng	99
20) 3+4-Methylphenols	8.76	107	222511	36.531	ng	97
22) Acetophenone	8.81	105	259579	40.321	ng	98
24) Nitrobenzene	9.19	77	209990	39.265	ng	97
25) Isophorone	9.71	82	408822	38.263	ng	99
26) 2-Nitrophenol	9.91	139	101626	44.115	ng	97
27) 2,4-Dimethylphenol	9.97	122	165822	45.365	ng	100
28) bis(2-Chloroethoxy)methane	10.20	93	230108	40.990	ng	96
29) 2,4-Dichlorophenol	10.45	162	188185	44.587	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	201118	42.087	ng	96
31) Naphthalene	10.85	128	535491	41.118	ng	99
32) Benzoic acid	10.11	122	111918	39.243	ng	98
33) 4-Chloroaniline	10.95	127	115196	18.967	ng	96
34) Hexachlorobutadiene	11.14	225	136443	41.645	ng	99
35) Caprolactam	11.77	113	30685	18.267	ng	86
36) 4-Chloro-3-methylphenol	12.09	107	213052	42.970	ng	97
37) 2-Methylnaphthalene	12.46	142	417641	41.316	ng	96
38) 1-Methylnaphthalene	12.68	142	400319	41.950	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	231573	40.267	ng	98

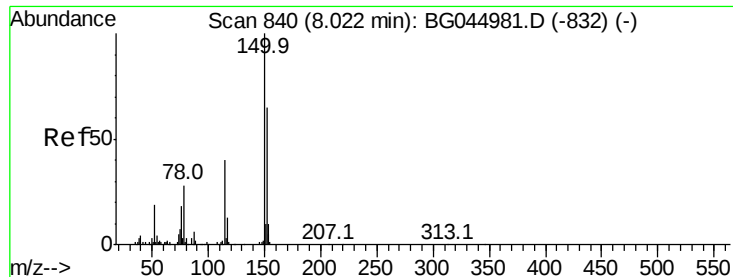
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	349157	97.139	ng	100
43) 2,4,6-Trichlorophenol	13.07	196	170220	41.939	ng	96
44) 2,4,5-Trichlorophenol	13.15	196	184983	40.040	ng	97
46) 1,1'-Biphenyl	13.47	154	534949	39.404	ng	99
47) 2-Chloronaphthalene	13.51	162	417392	40.237	ng	100
48) 2-Nitroaniline	13.70	65	135807	39.791	ng	99
49) Acenaphthylene	14.36	152	694582	41.107	ng	100
50) Dimethylphthalate	14.09	163	587606	40.403	ng	99
51) 2,6-Dinitrotoluene	14.20	165	136393	41.929	ng	96
52) Acenaphthene	14.70	154	421602	36.878	ng	99
53) 3-Nitroaniline	14.53	138	94716	26.548	ng	91
54) 2,4-Dinitrophenol	14.74	184	176979	91.494	ng	93
55) Dibenzofuran	15.03	168	686218	41.171	ng	98
56) 4-Nitrophenol	14.85	139	228212	82.497	ng	97
57) 2,4-Dinitrotoluene	14.99	165	193324	40.666	ng	95
58) Fluorene	15.68	166	576549	42.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.26	232	184828	44.962	ng	98
60) Diethylphthalate	15.45	149	625931	41.280	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	317339	40.497	ng	99
62) 4-Nitroaniline	15.69	138	141543	38.250	ng	97
63) Azobenzene	15.96	77	581903	41.624	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	133950	44.937	ng	98
66) n-Nitrosodiphenylamine	15.89	169	519387	39.862	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	223536	38.209	ng	98
68) Hexachlorobenzene	16.69	284	246603	40.643	ng	98
69) Atrazine	16.83	200	218443	46.079	ng	98
70) Pentachlorophenol	17.03	266	315488	84.758	ng	100
71) Phenanthrene	17.42	178	969942	41.622	ng	99
72) Anthracene	17.52	178	1002619	42.891	ng	99
73) Carbazole	17.78	167	932773	39.321	ng	98
74) Di-n-butylphthalate	18.34	149	1157321	44.789	ng	99
75) Fluoranthene	19.43	202	1287159	47.309	ng	99
77) Benzidine	19.61	184	708060	57.025	ng	98
78) Pyrene	19.79	202	1254784	41.272	ng	99
80) Butylbenzylphthalate	20.68	149	518614	41.153	ng	99
81) Benzo(a)anthracene	21.63	228	1182937	41.386	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	349748	30.743	ng	99
83) Chrysene	21.69	228	1192347	43.417	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	725456	41.855	ng	99
85) Di-n-octyl phthalate	22.74	149	1243922	41.502	ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1536042	42.127	ng	# 96
88) Benzo(b)fluoranthene	23.82	252	1284462	41.690	ng	99
89) Benzo(k)fluoranthene	23.88	252	1289952	44.025	ng	98
90) Benzo(a)pyrene	24.68	252	1204216	41.397	ng	97
91) Dibenzo(a,h)anthracene	28.49	278	1253060	42.749	ng	98
92) Benzo(g,h,i)perylene	29.55	276	1242360	42.276	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

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BNA_G

ClientSampleId :

PB128402BS

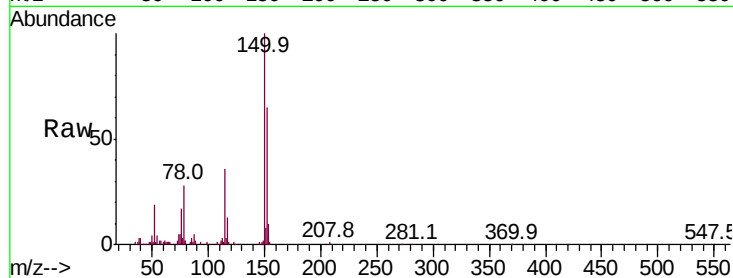
Tot Ion:152 Resp: 62629

Ion Ratio Lower Upper

152 100

150 153.3 123.6 185.4

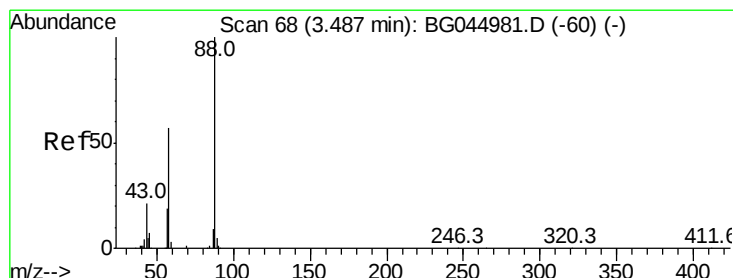
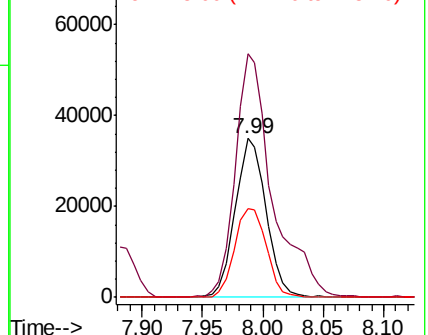
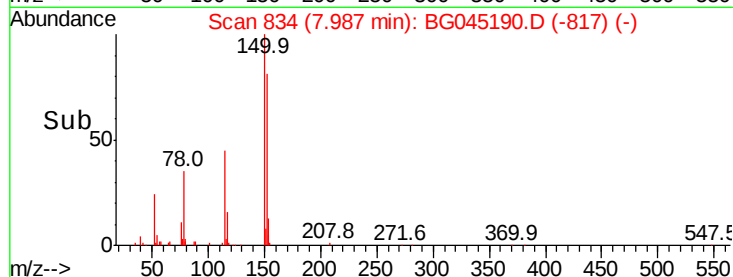
115 55.9 49.1 73.7



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



#2

1,4-Dioxane

Concen: 35.002 ng

RT: 3.45 min Scan# 61

Delta R.T. -0.01 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

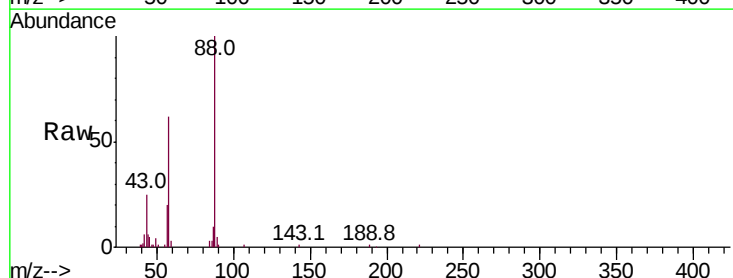
Tgt Ion: 88 Resp: 59009

Ion Ratio Lower Upper

88 100

58 63.3 46.6 69.8

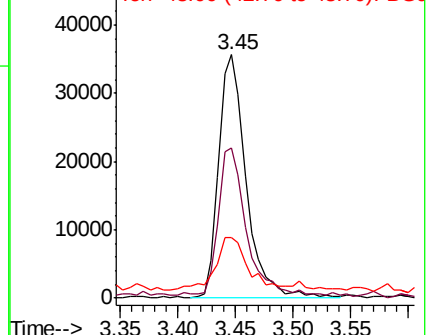
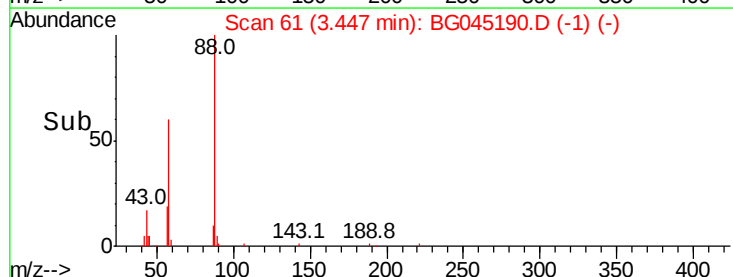
43 26.0 17.5 26.3

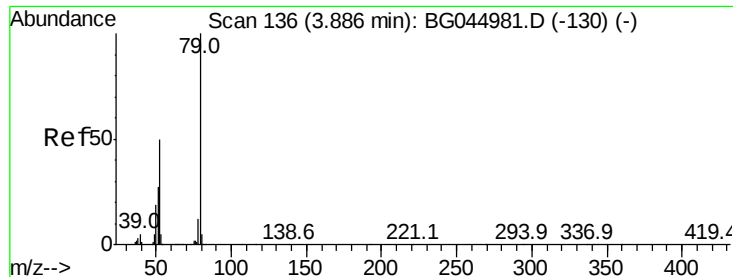


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.122 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

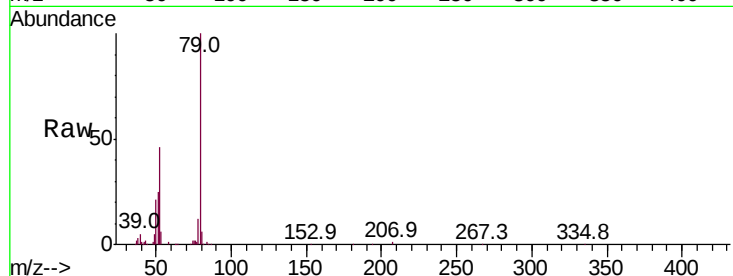
Tot Ion: 79 Resp: 166740

Ion Ratio Lower Upper

79 100

52 46.4 39.8 59.6

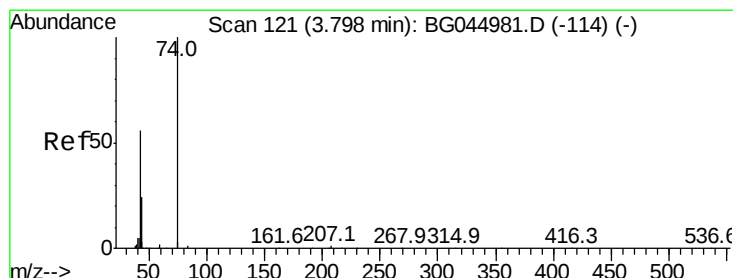
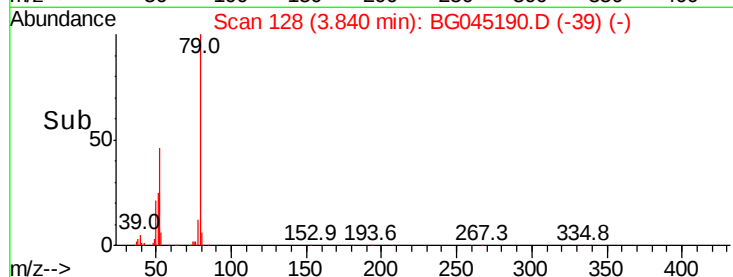
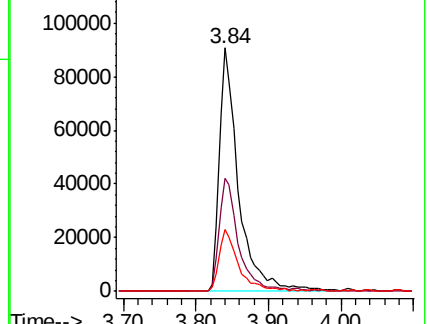
51 25.4 21.4 32.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.170 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

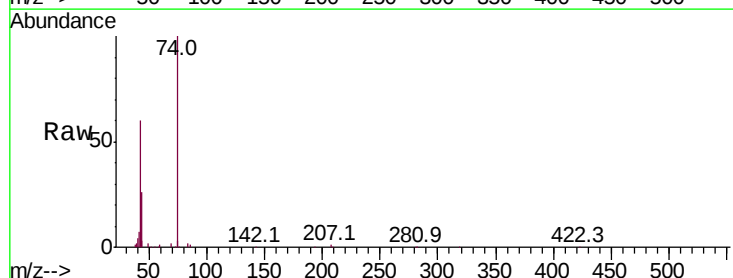
Tgt Ion: 42 Resp: 65467

Ion Ratio Lower Upper

42 100

74 166.1 143.0 214.6

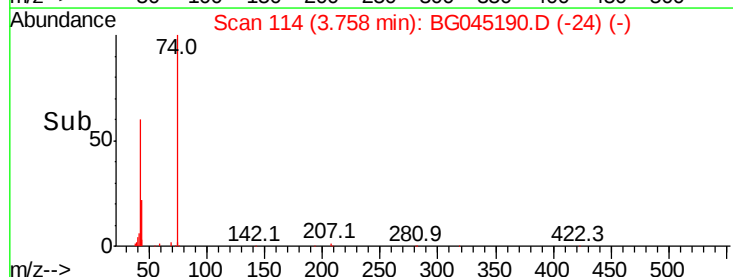
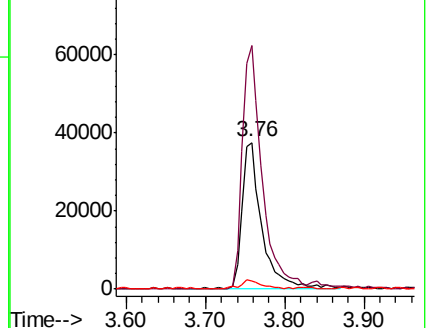
44 5.3 4.6 6.8

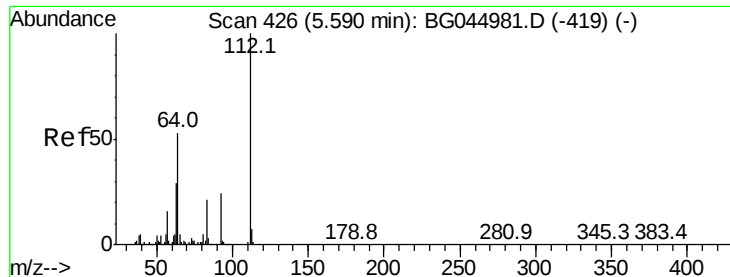


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 84.075 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

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PB128402BS

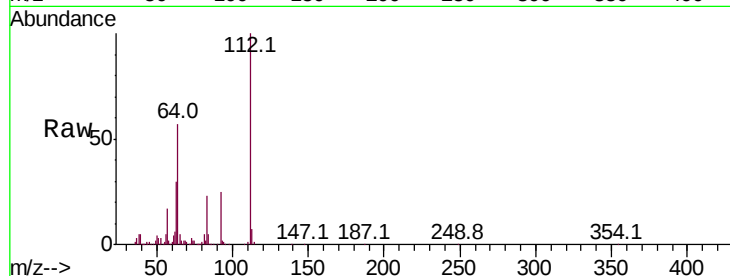
Tot Ion:112 Resp: 318939

Ion Ratio Lower Upper

112 100

64 56.8 42.4 63.6

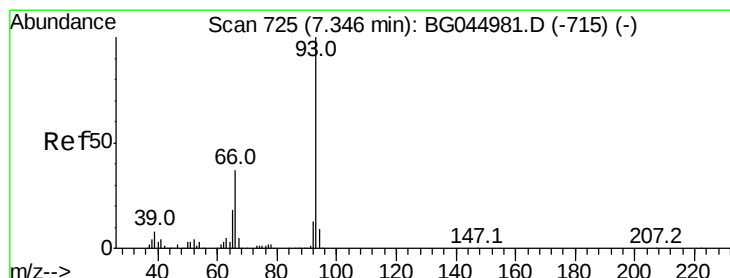
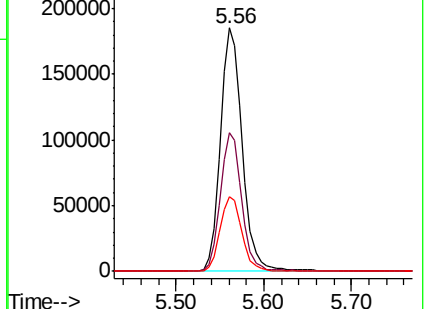
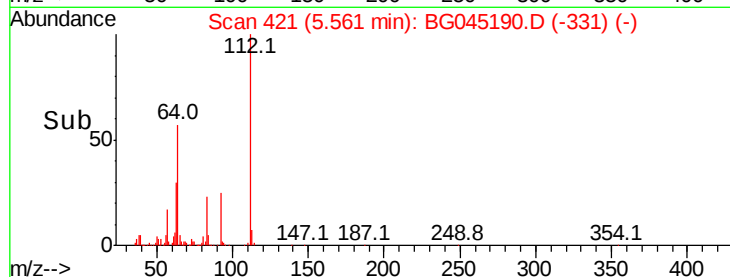
63 30.4 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.743 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

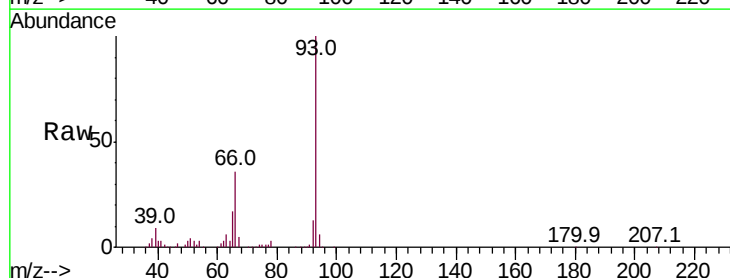
Tgt Ion: 93 Resp: 225291

Ion Ratio Lower Upper

93 100

66 35.6 29.8 44.8

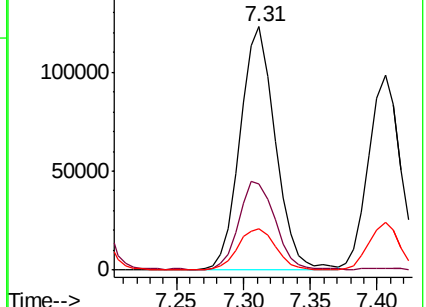
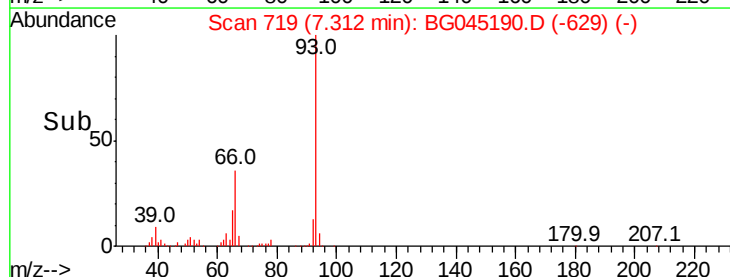
65 17.2 14.6 22.0

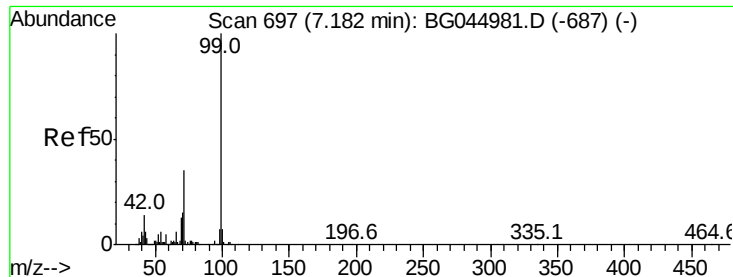


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.464 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

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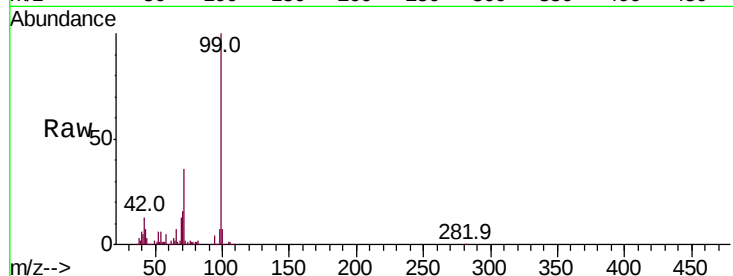
Tot Ion: 99 Resp: 447877

Ion Ratio Lower Upper

99 100

42 13.4 11.3 16.9

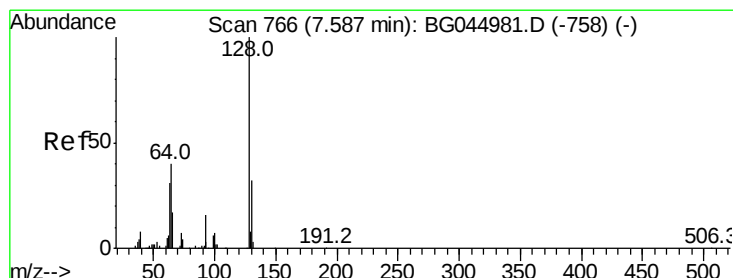
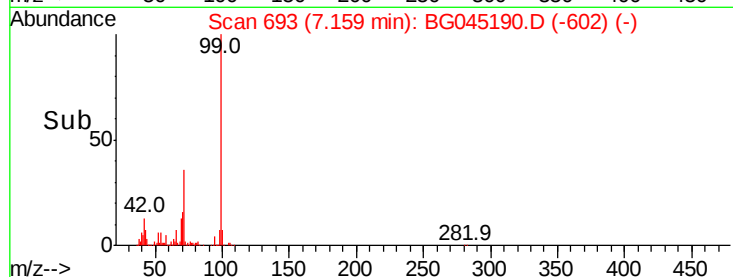
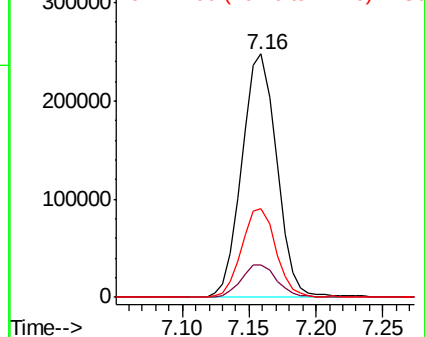
71 36.3 28.3 42.5



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: 43.346 ng

RT: 7.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

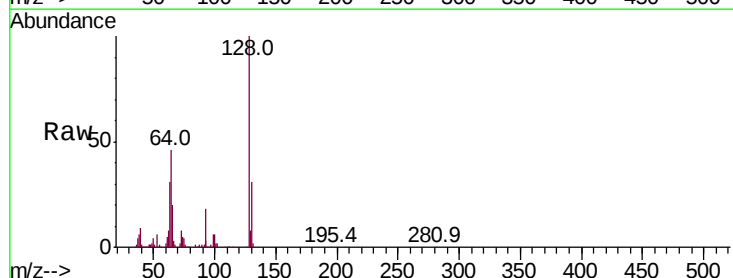
Tgt Ion: 128 Resp: 176724

Ion Ratio Lower Upper

128 100

130 31.2 12.3 52.3

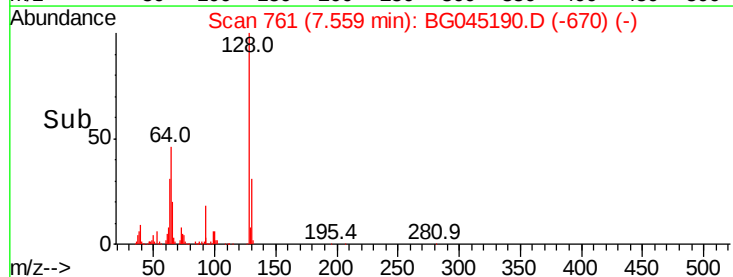
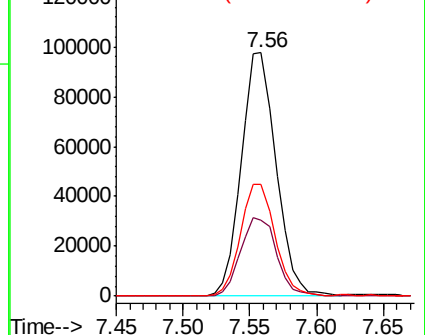
64 45.7 24.4 64.4

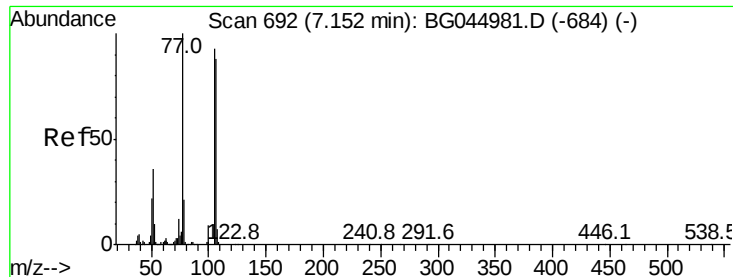


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 15.086 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

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ClientSampleId :

PB128402BS

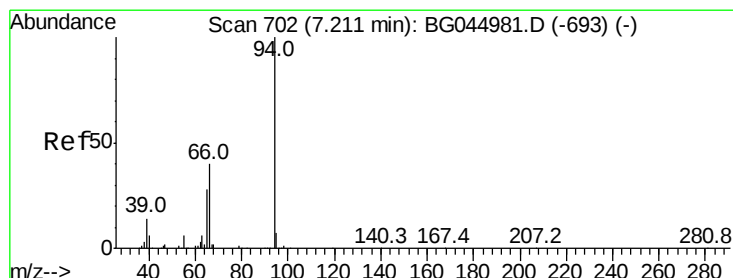
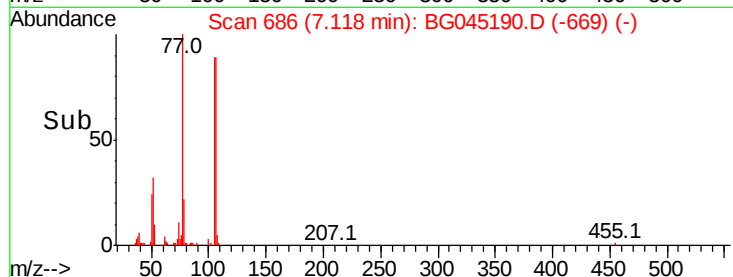
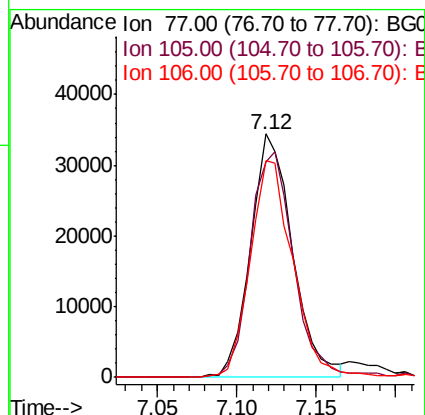
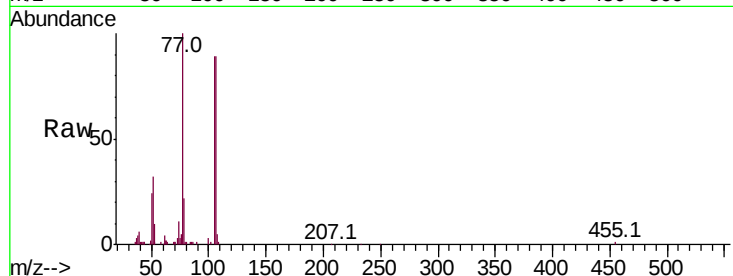
Tot Ion: 77 Resp: 63387

Ion Ratio Lower Upper

77 100

105 88.7 72.9 112.9

106 88.9 67.6 107.6



#10

Phenol

Concen: 42.684 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

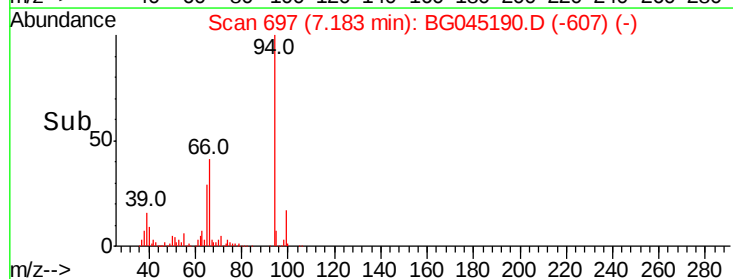
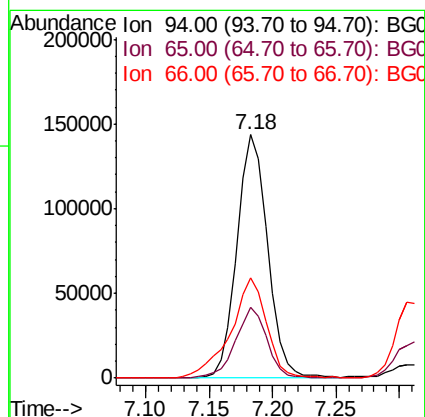
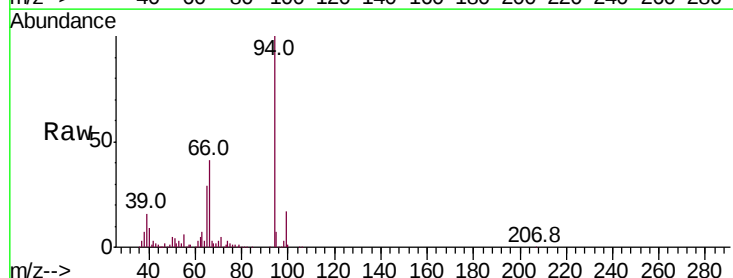
Tgt Ion: 94 Resp: 240741

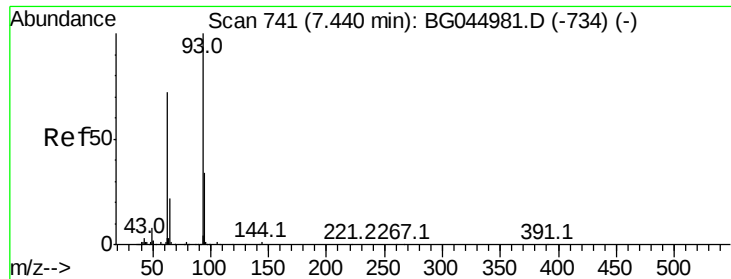
Ion Ratio Lower Upper

94 100

65 28.9 8.2 48.2

66 41.3 20.4 60.4

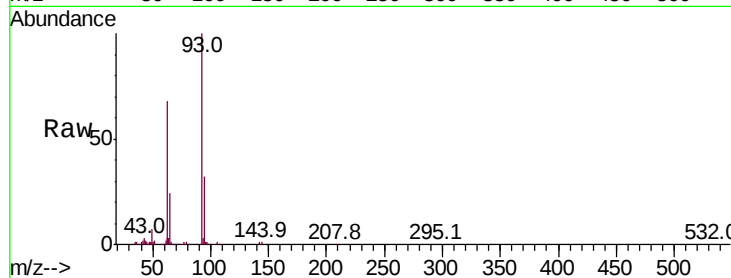




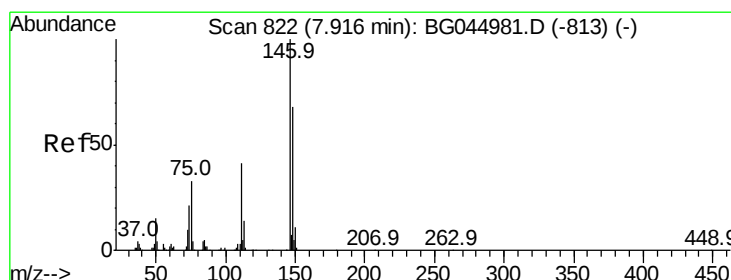
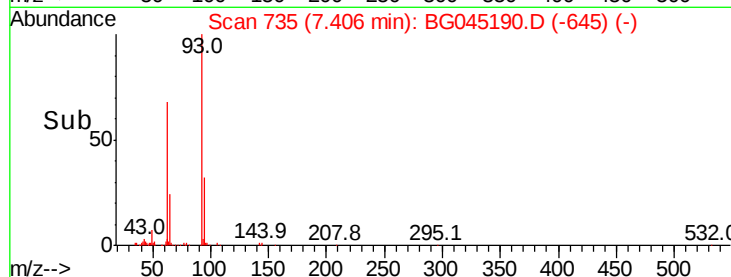
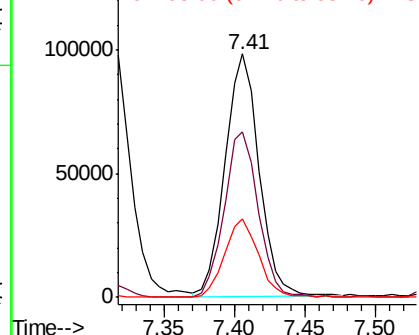
#11
 bis(2-Chloroethyl)ether
 Concen: 36.295 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	51.8	91.8
95	32.1	13.8	53.8

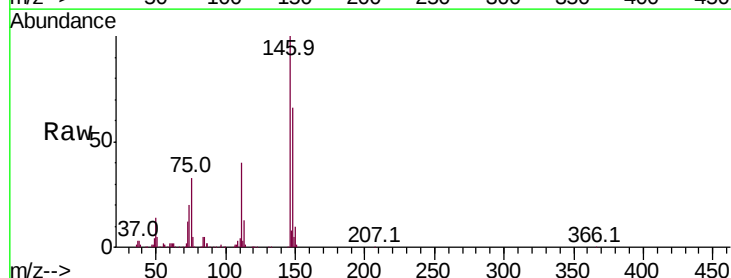


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

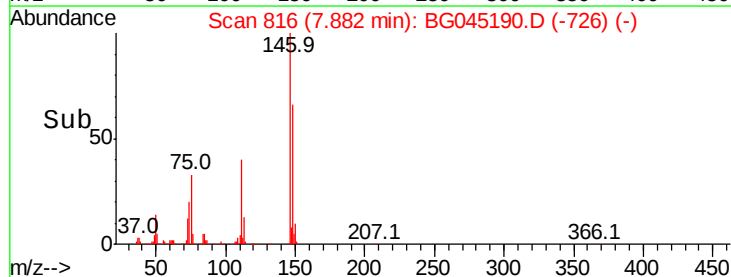
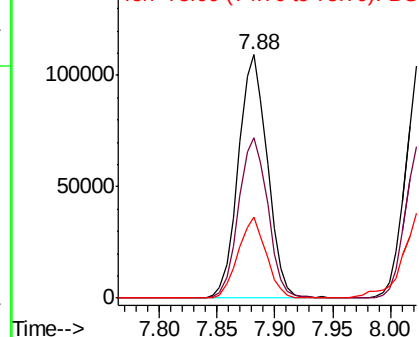


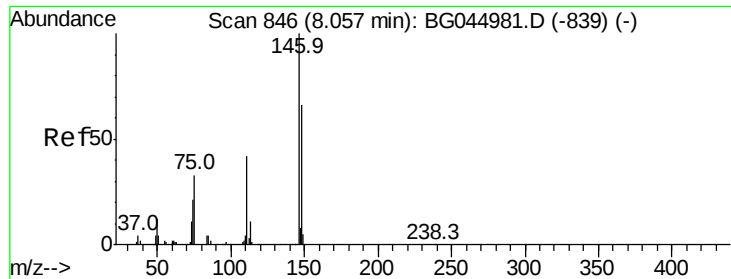
#12
 1,3-Dichlorobenzene
 Concen: 39.593 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	54.6	81.8
75	33.2	26.0	39.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
 Ion 148.00 (147.70 to 148.70): BGC
 Ion 75.00 (74.70 to 75.70): BGC

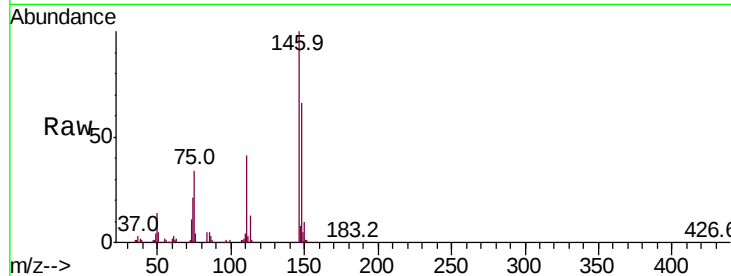




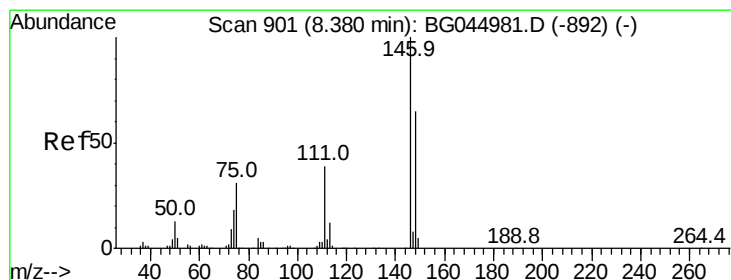
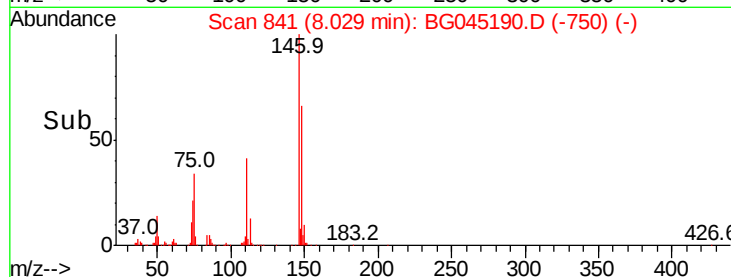
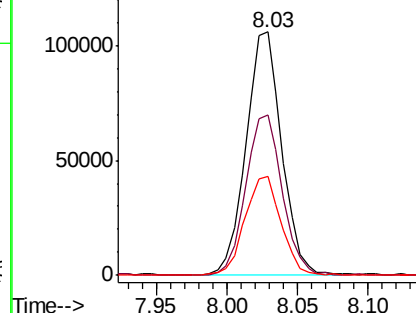
#13
 1,4-Dichlorobenzene
 Concen: 39.206 ng
 RT: 8.03 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

Tot Ion:146 Resp: 187681
 Ion Ratio Lower Upper
 146 100
 148 65.9 53.3 79.9
 111 40.7 33.8 50.8

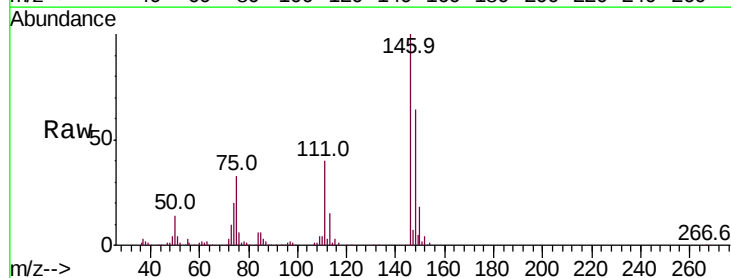


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

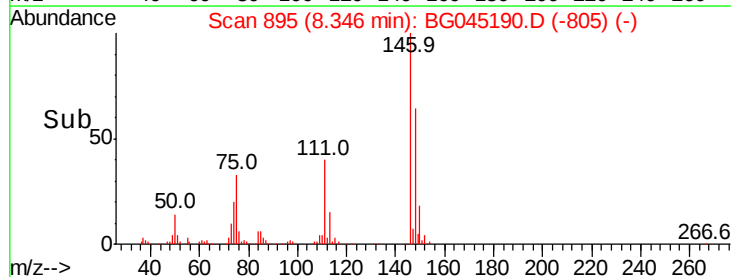
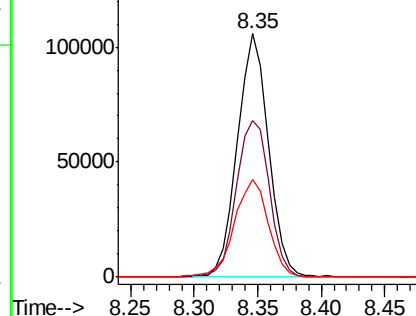


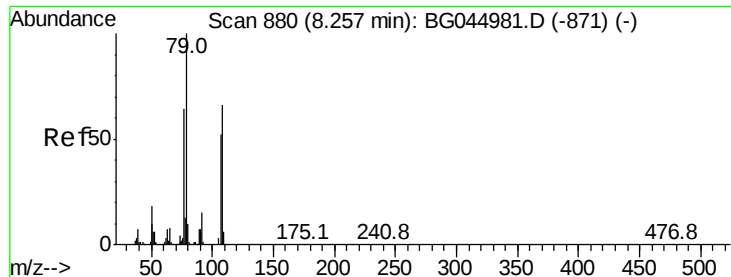
#14
 1,2-Dichlorobenzene
 Concen: 39.306 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion:146 Resp: 180012
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 40.0 31.3 46.9



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: 36.160 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

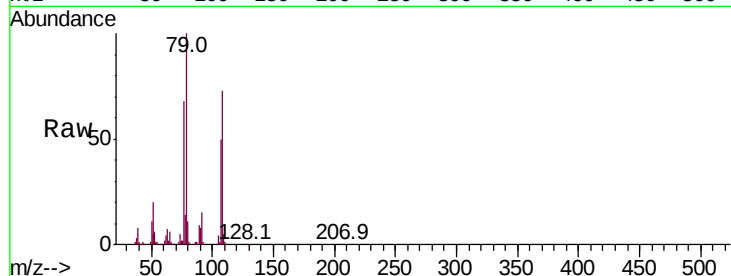
Tot Ion: 79 Resp: 170872

Ion Ratio Lower Upper

79 100

108 73.1 52.7 79.1

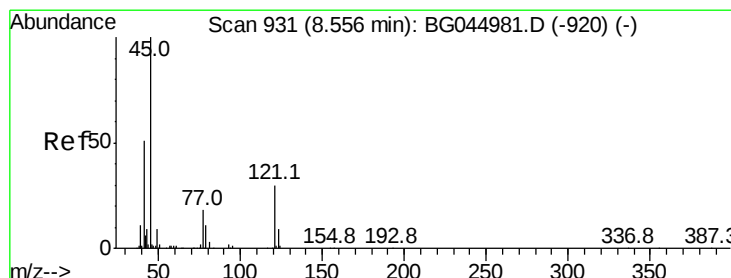
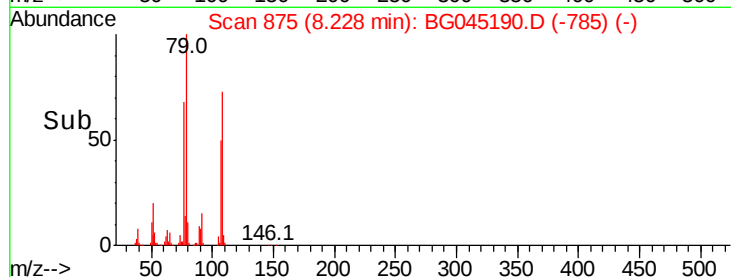
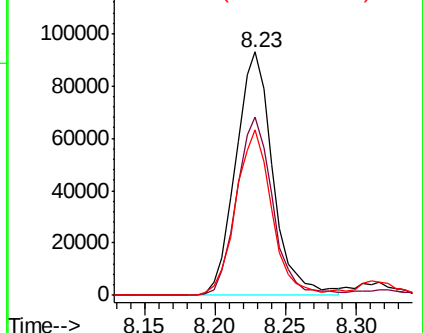
77 67.8 51.3 76.9



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: 33.542 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

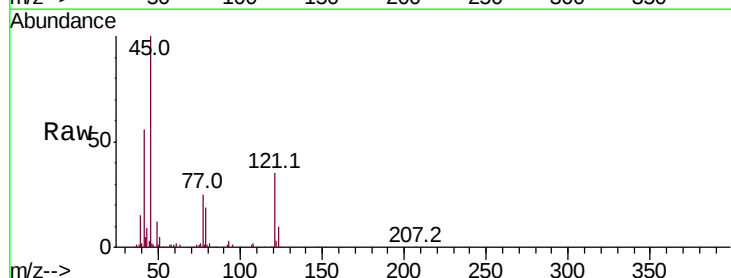
Tgt Ion: 45 Resp: 147852

Ion Ratio Lower Upper

45 100

77 24.6 1.9 41.9

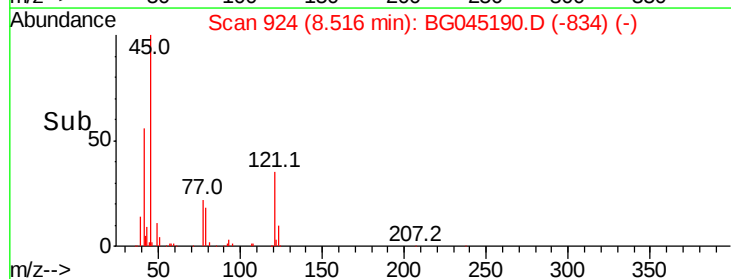
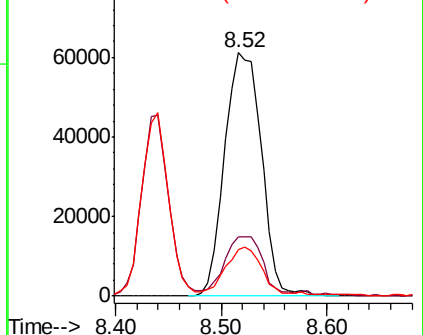
79 19.0 0.0 35.5

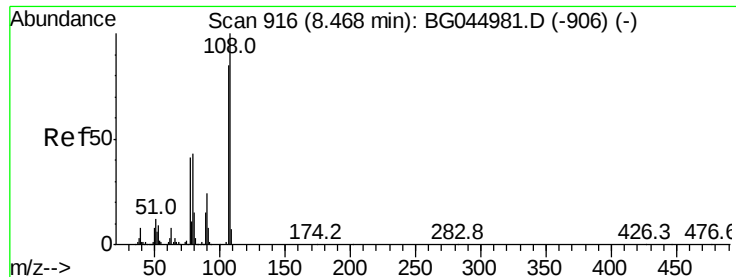


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 36.142 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

Tot Ion:107 Resp: 157276

Ion Ratio Lower Upper

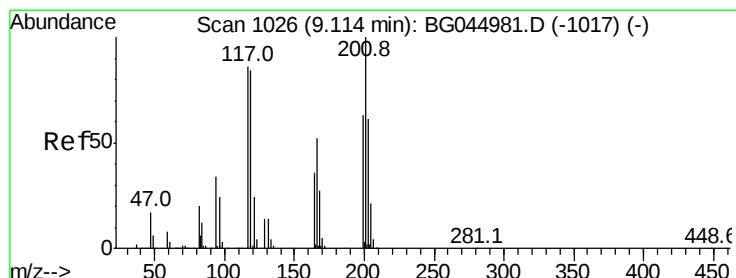
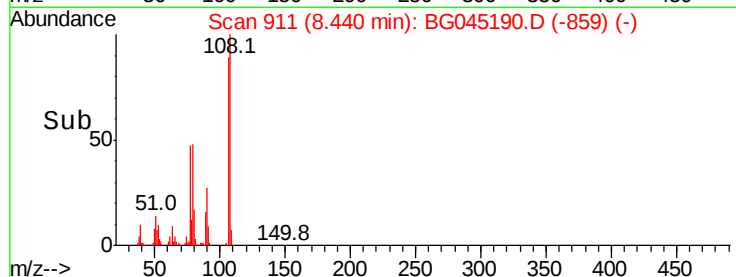
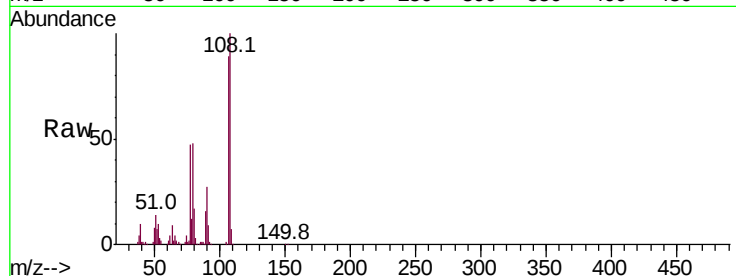
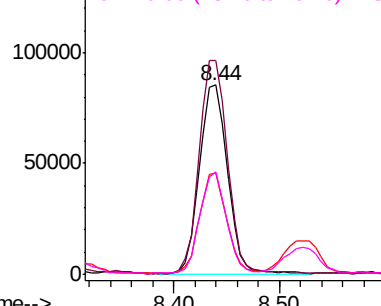
107 100

108 112.8 93.8 140.6

77 53.2 38.5 57.7

79 53.8 40.1 60.1

Abundance Ion 107.00 (106.70 to 107.70): E
150000 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: 40.898 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Tgt Ion:117 Resp: 73600

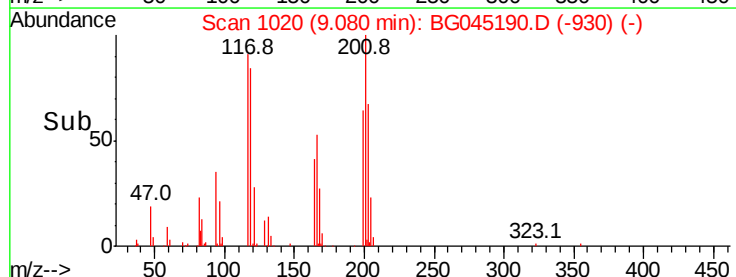
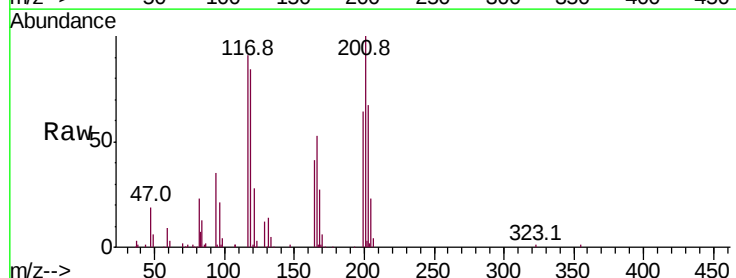
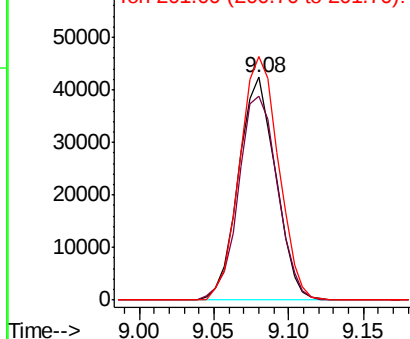
Ion Ratio Lower Upper

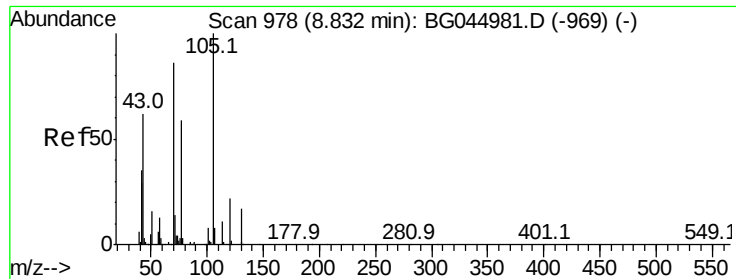
117 100

119 91.8 78.3 117.5

201 109.3 92.9 139.3

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

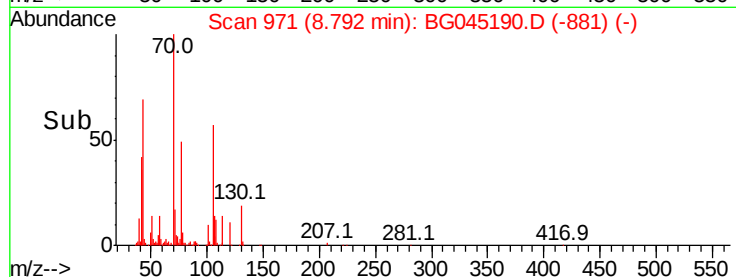
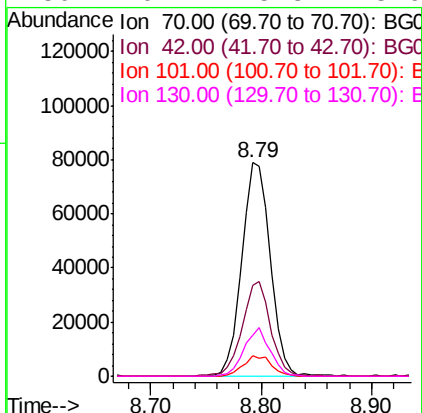
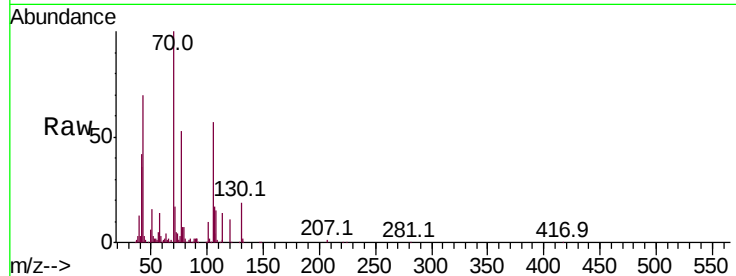




#19
n-Nitroso-di-n-propylamine
Concen: 35.893 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

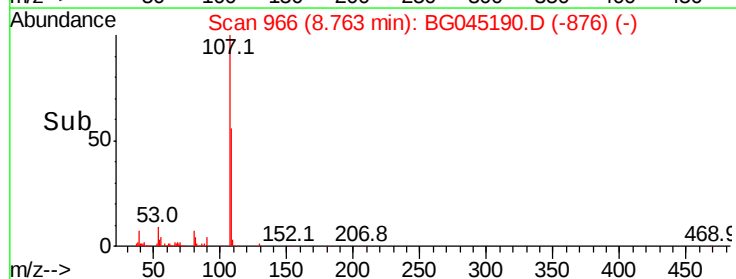
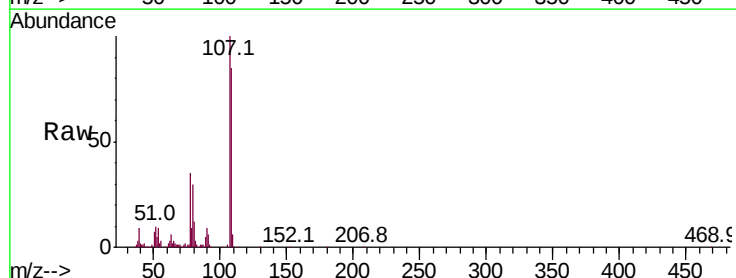
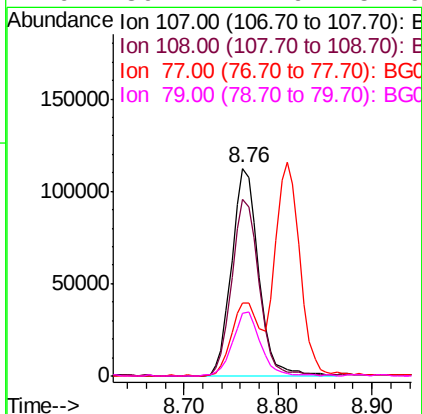
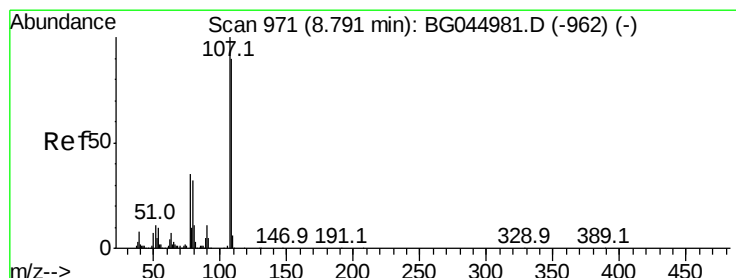
Instrument :
BNA_G
ClientSampleId :
PB128402BS

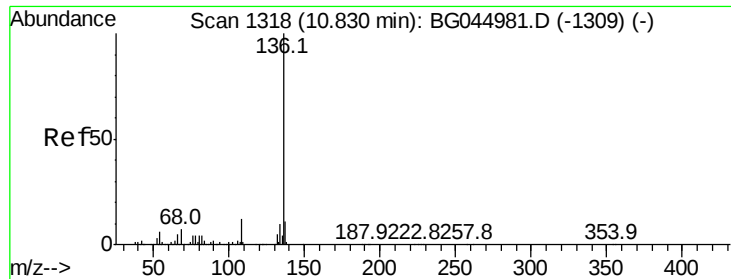
Tot Ion:	70	Resp:	143066
Ion	Ratio	Lower	Upper
70	100		
42	42.5	33.3	49.9
101	9.6	7.8	11.8
130	19.4	15.8	23.6



#20
3+4-Methylphenols
Concen: 36.531 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Tgt Ion:	107	Resp:	222511
Ion	Ratio	Lower	Upper
107	100		
108	85.3	69.9	109.9
77	34.9	15.2	55.2
79	30.4	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

Tot Ion:136 Resp: 238065

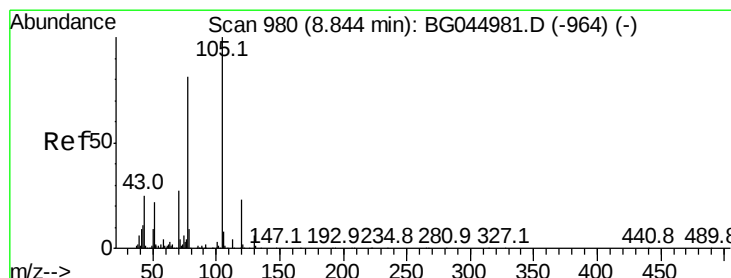
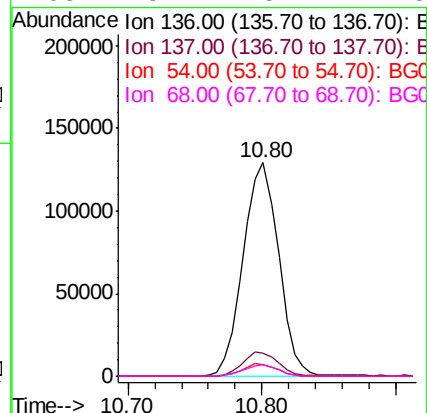
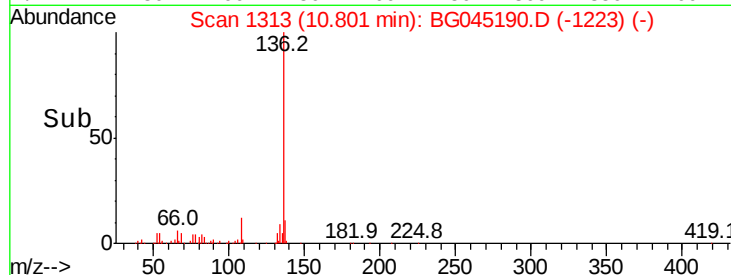
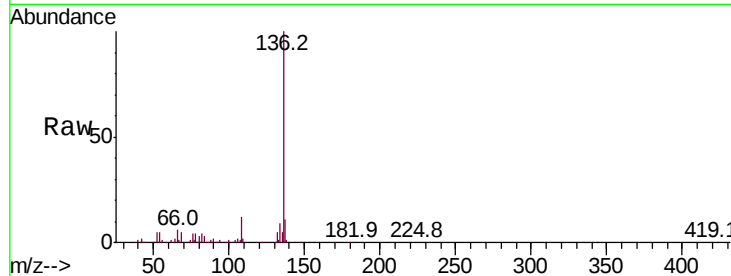
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.1 4.8 7.2

68 5.1 5.2 7.8#



#22

Acetophenone

Concen: 40.321 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Tgt Ion:105 Resp: 259579

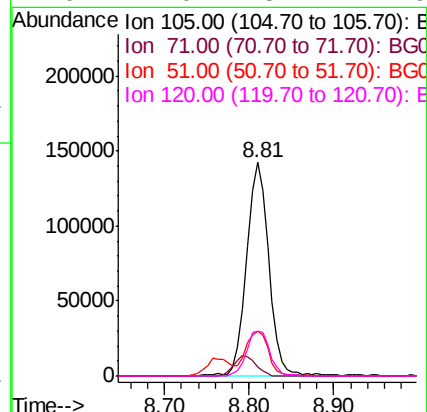
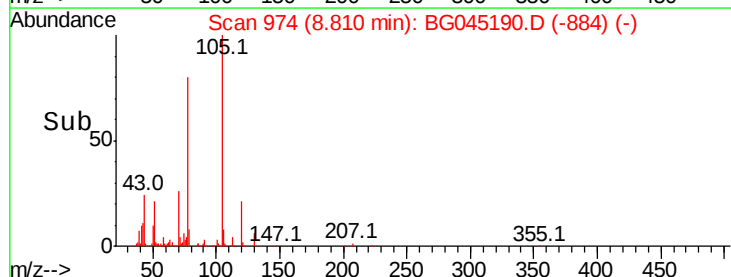
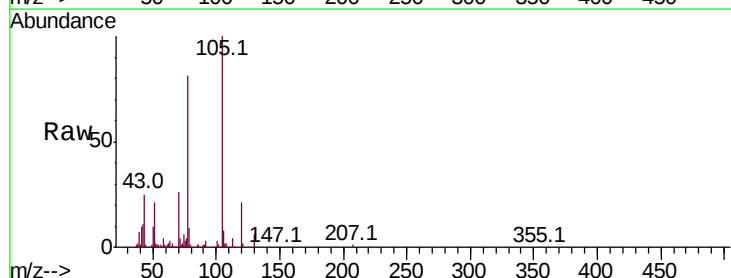
Ion Ratio Lower Upper

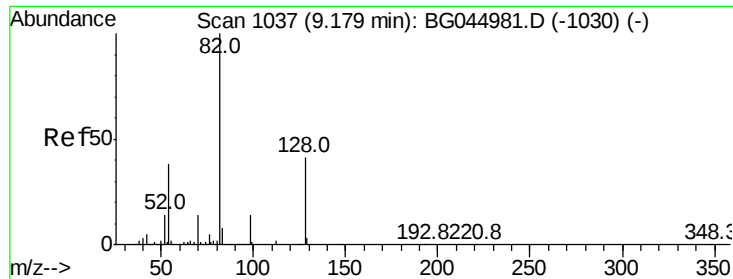
105 100

71 4.1 3.3 4.9

51 21.3 17.3 25.9

120 21.0 18.4 27.6

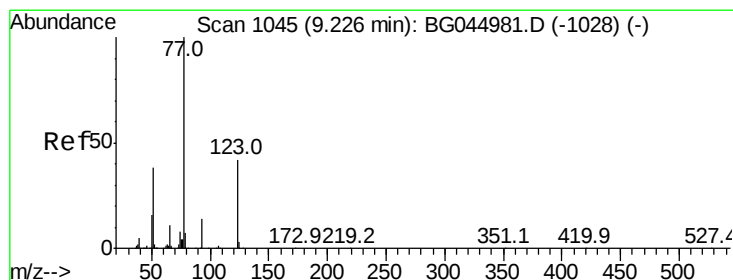
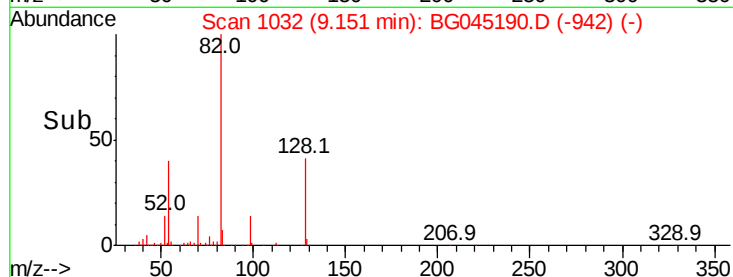
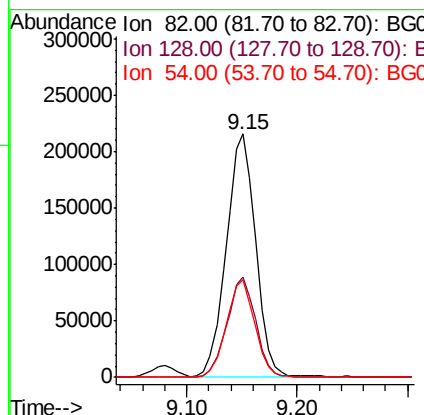
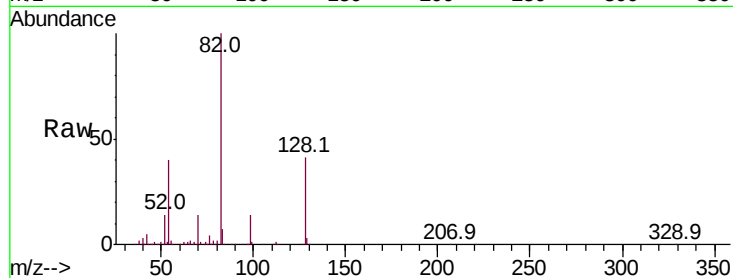




#23
 Nitrobenzene-d5
 Concen: 76.586 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

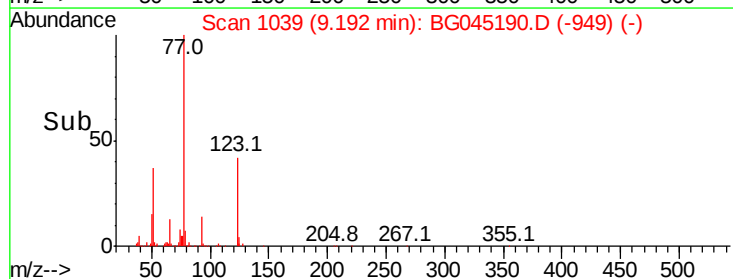
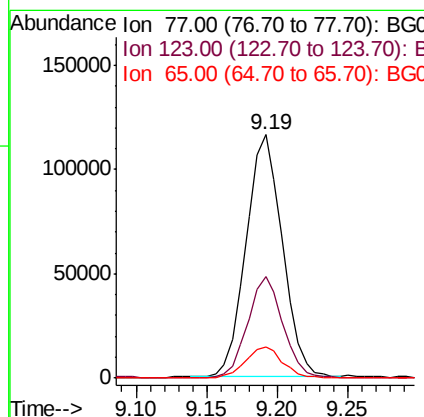
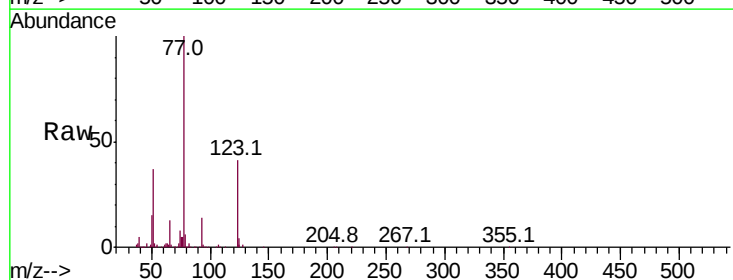
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

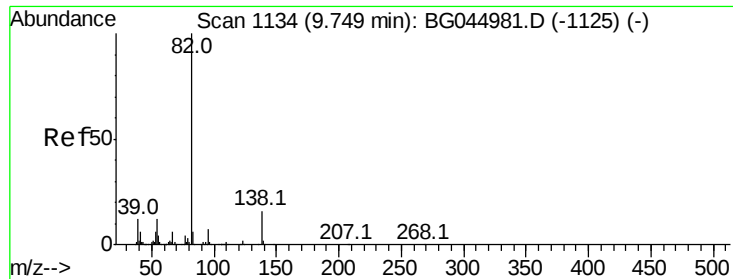
Tot Ion	82	Resp	399581
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.0	49.4
54	40.1	30.4	45.6



#24
 Nitrobenzene
 Concen: 39.265 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion	77	Resp	209990
Ion	Ratio	Lower	Upper
77	100		
123	41.5	34.3	51.5
65	12.8	8.9	13.3





#25

Isophorone

Concen: 38.263 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

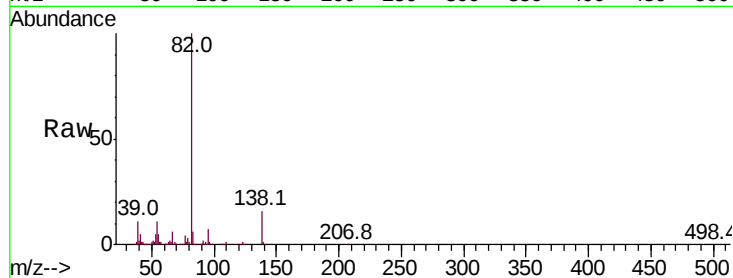
Tot Ion: 82 Resp: 408822

Ion Ratio Lower Upper

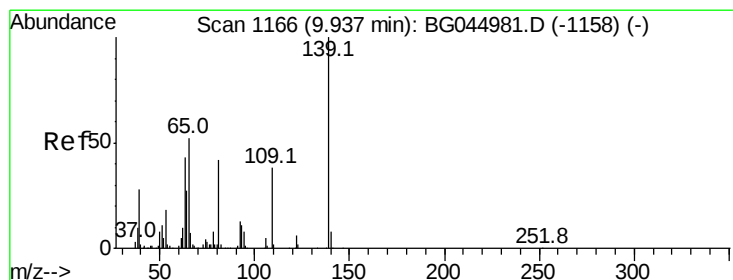
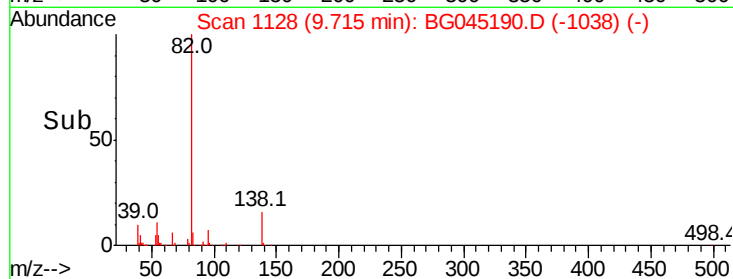
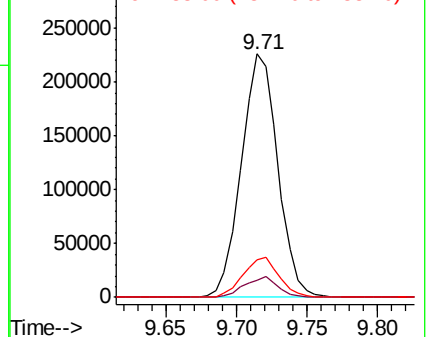
82 100

95 7.1 6.0 9.0

138 15.7 12.7 19.1



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: 44.115 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

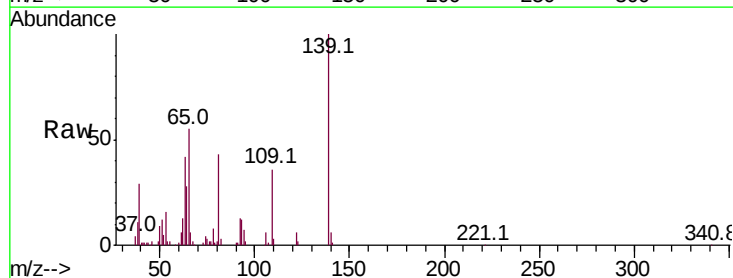
Tgt Ion: 139 Resp: 101626

Ion Ratio Lower Upper

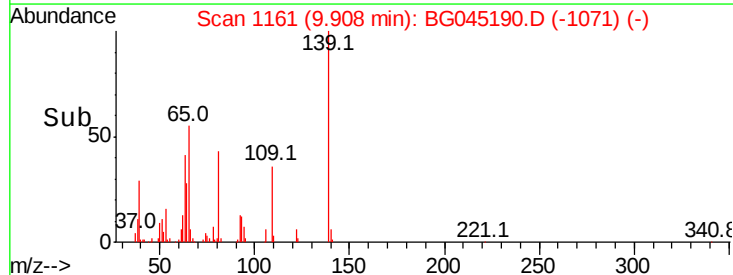
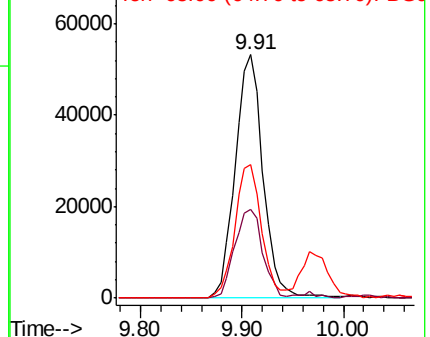
139 100

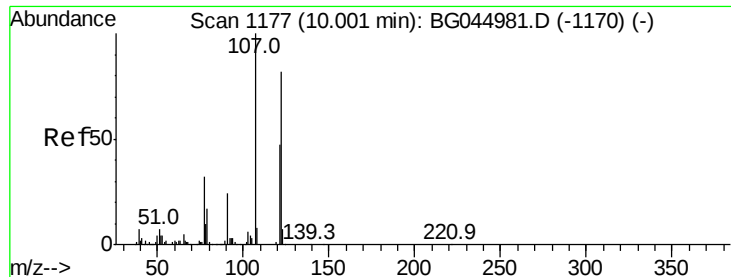
109 36.4 30.6 45.8

65 54.9 41.8 62.6



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

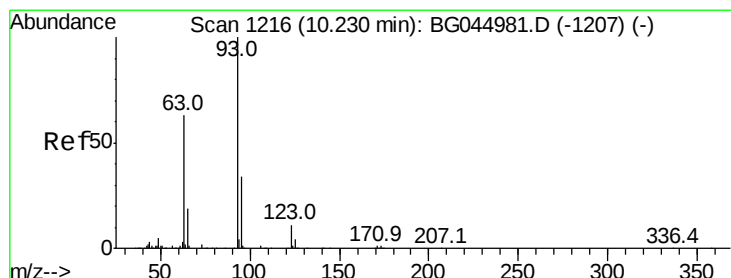
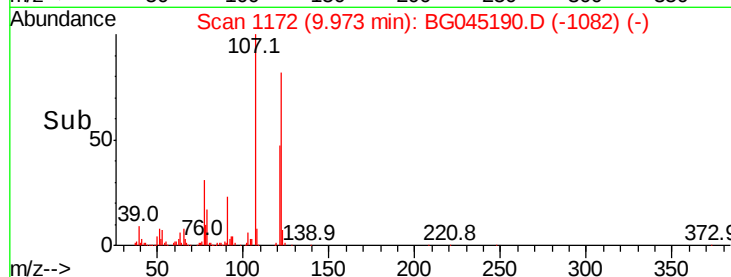
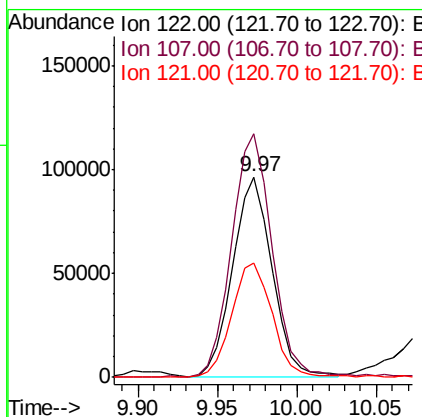
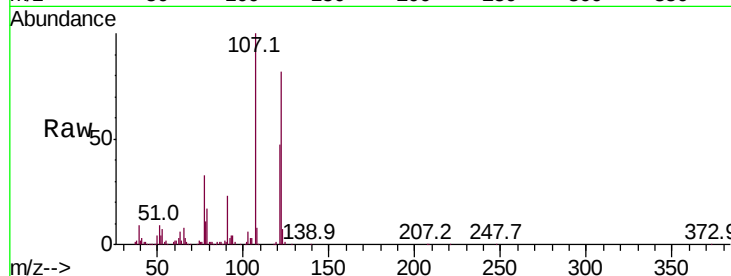




#27
 2,4-Dimethylphenol
 Concen: 45.365 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

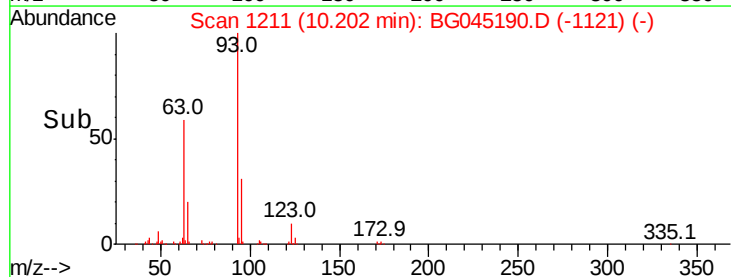
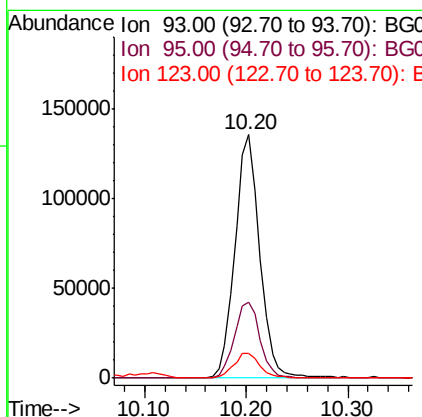
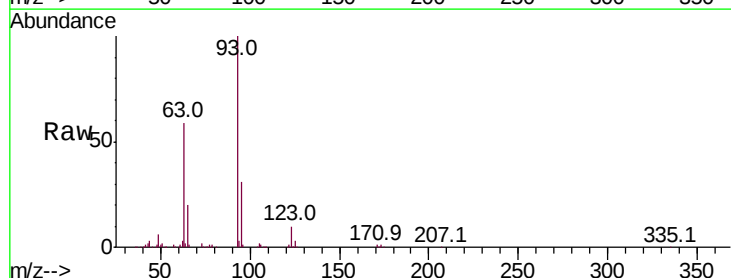
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

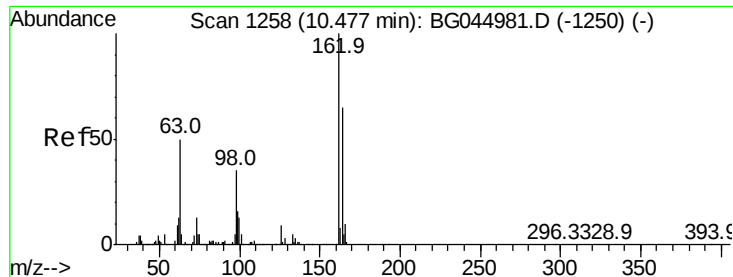
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	96.8	145.2
121	56.8	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.990 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	27.0	40.4
123	10.2	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 44.587 ng

RT: 10.45 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

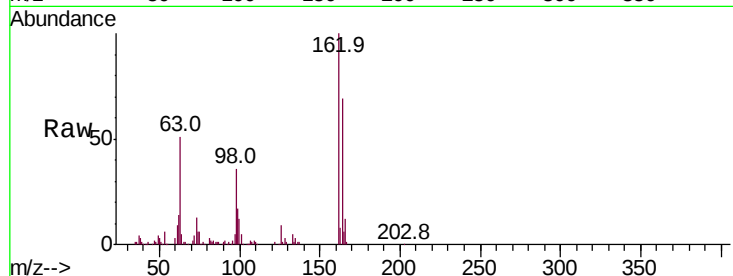
Tot Ion:162 Resp: 188185

Ion Ratio Lower Upper

162 100

164 69.2 45.0 85.0

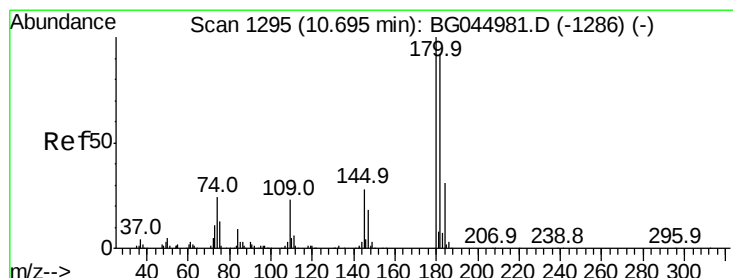
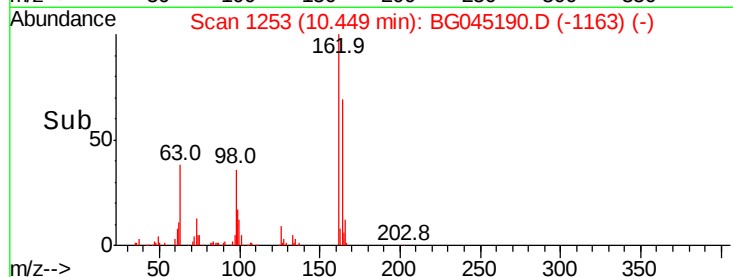
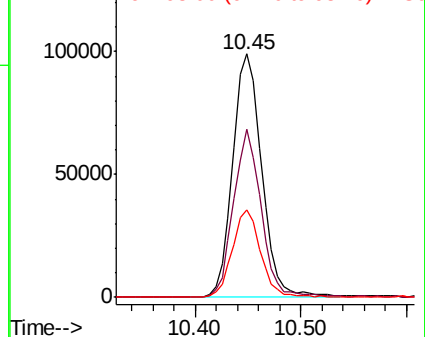
98 36.1 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.087 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

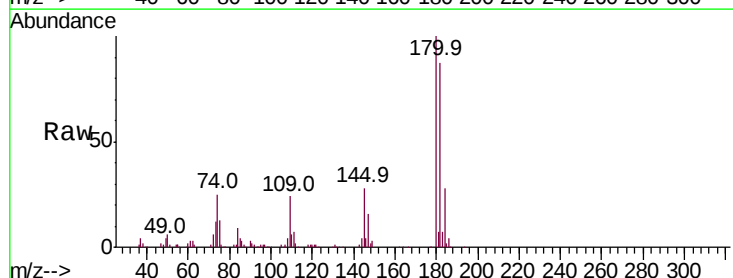
Tgt Ion:180 Resp: 201118

Ion Ratio Lower Upper

180 100

182 87.0 73.3 109.9

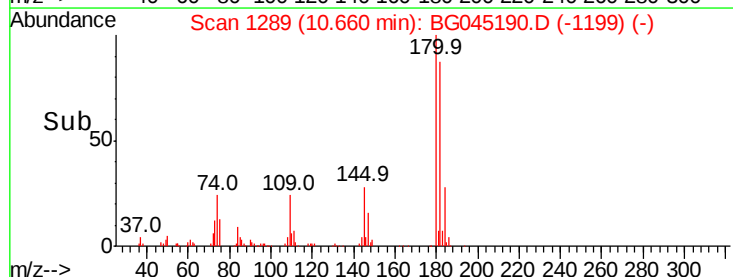
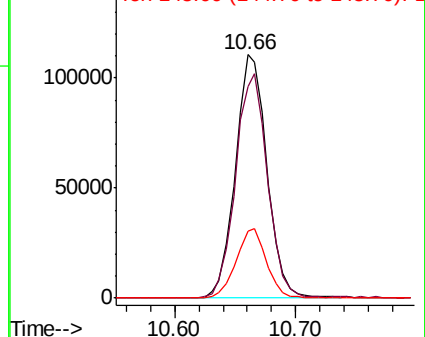
145 27.8 22.6 33.8

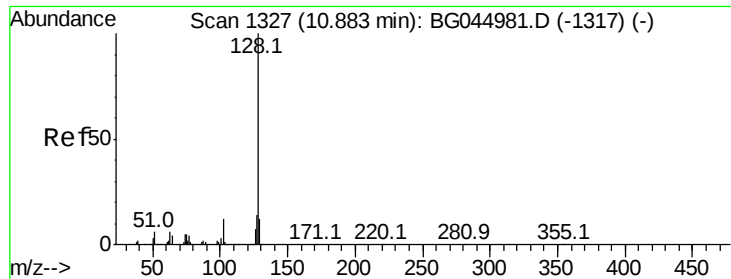


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

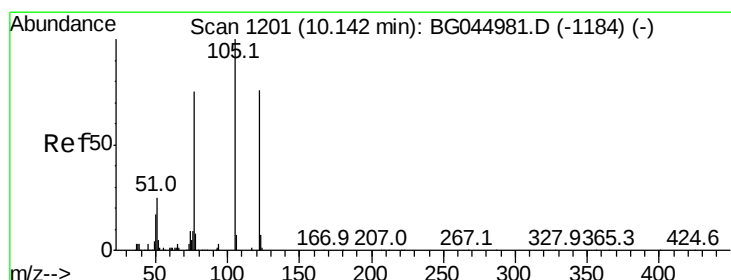
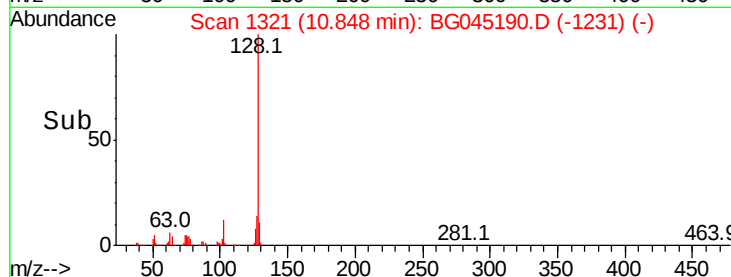
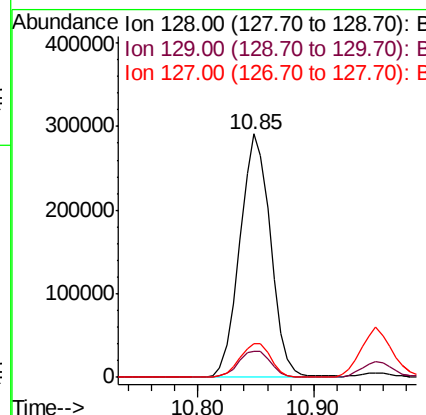
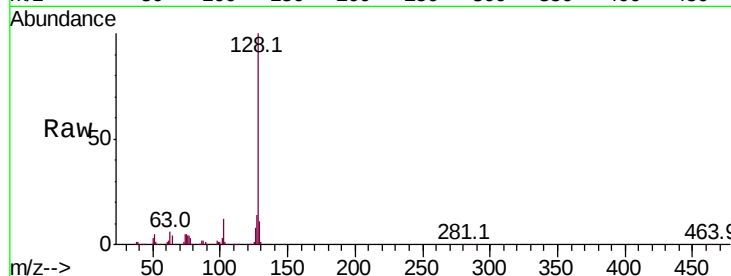




#31
Naphthalene
Concen: 41.118 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

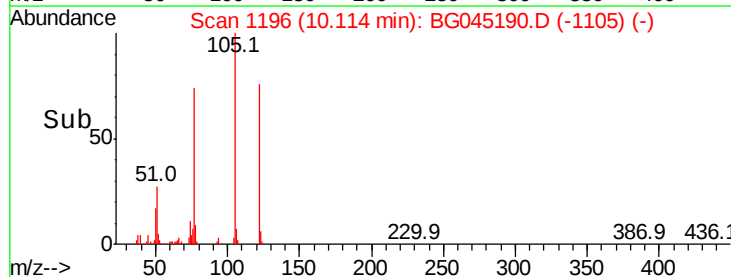
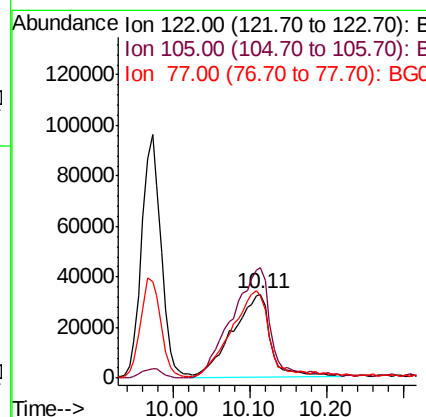
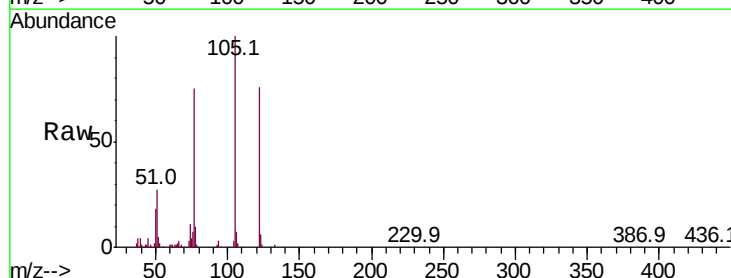
Instrument :
BNA_G
ClientSampleId :
PB128402BS

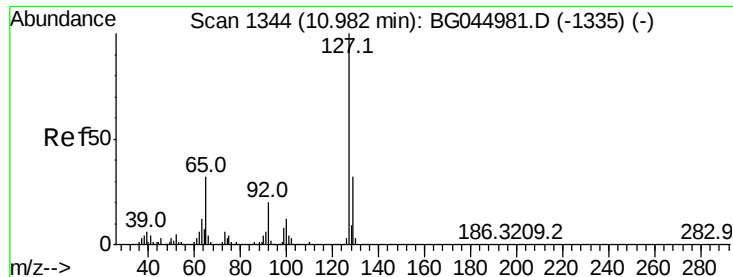
Tot Ion:128 Resp: 535491
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 39.243 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Tgt Ion:122 Resp: 111918
Ion Ratio Lower Upper
122 100
105 132.0 108.4 148.4
77 99.0 78.8 118.8

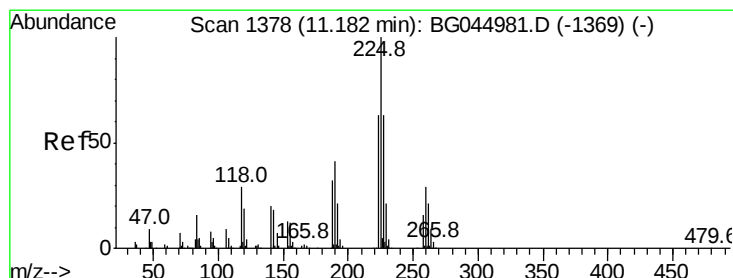
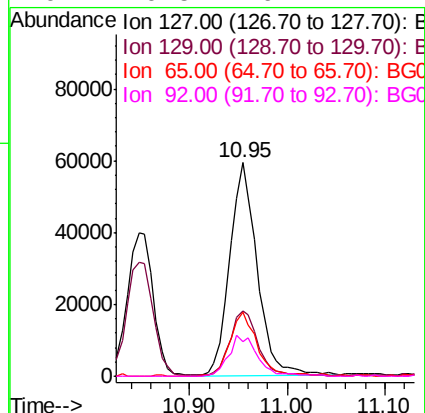
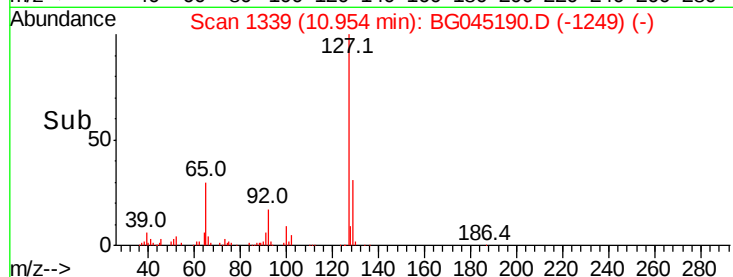
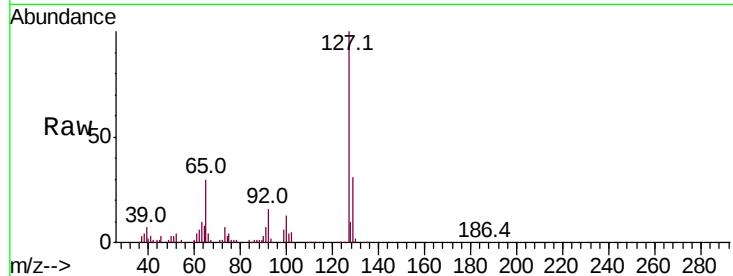




#33
4-Chloroaniline
Concen: 18.967 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

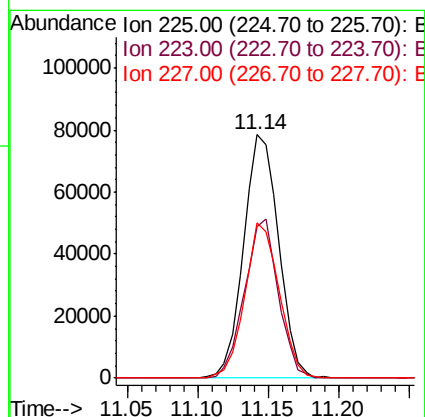
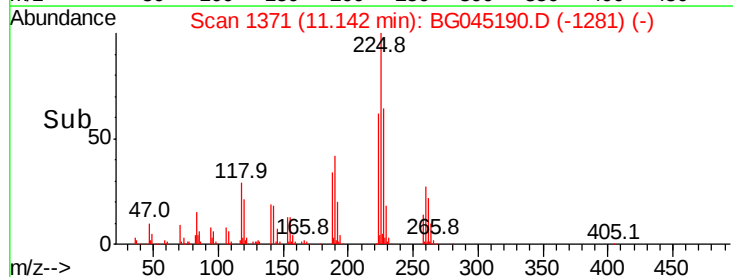
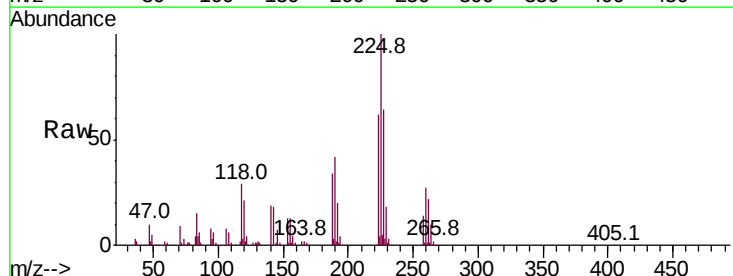
Instrument :
BNA_G
ClientSampleId :
PB128402BS

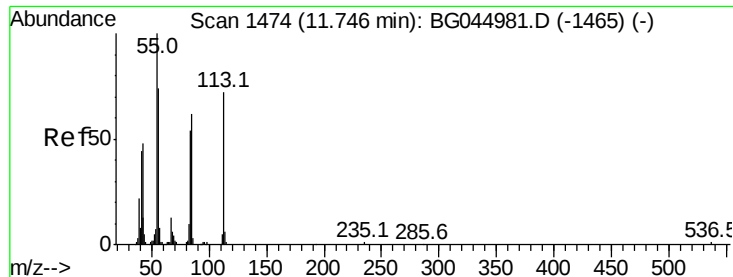
Tot Ion:	127	Resp:	115196
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.7	38.5
65	30.0	25.4	38.2
92	16.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.645 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Tgt Ion:	225	Resp:	136443
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.7	76.1
227	63.7	50.2	75.2

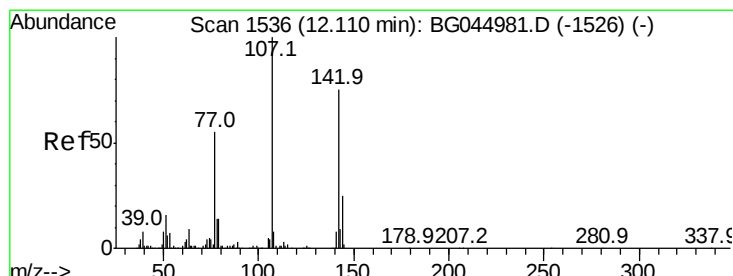
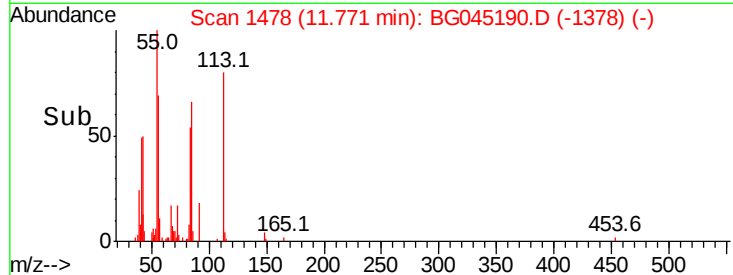
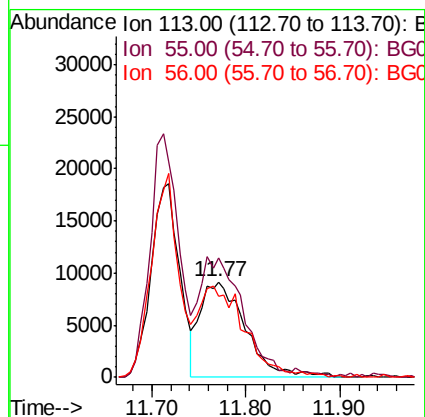
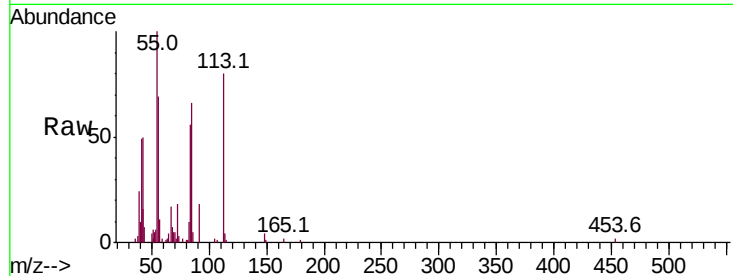




#35
 Caprolactam
 Concen: 18.267 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.06 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

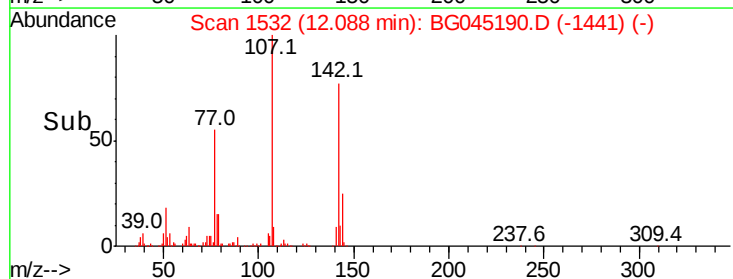
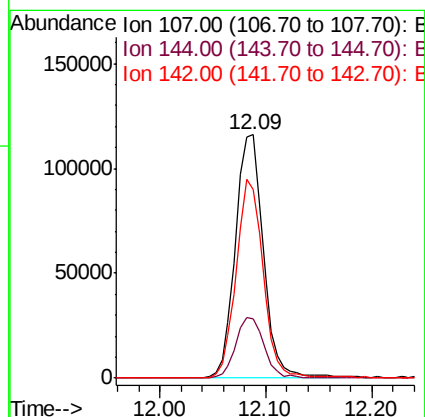
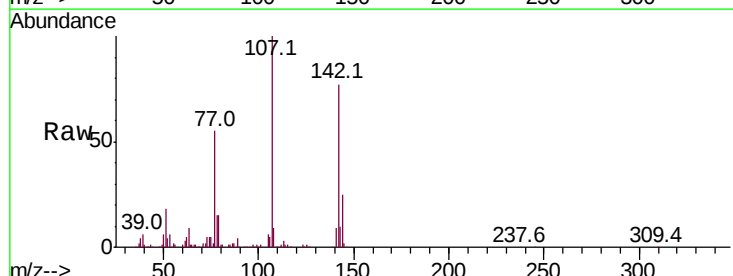
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

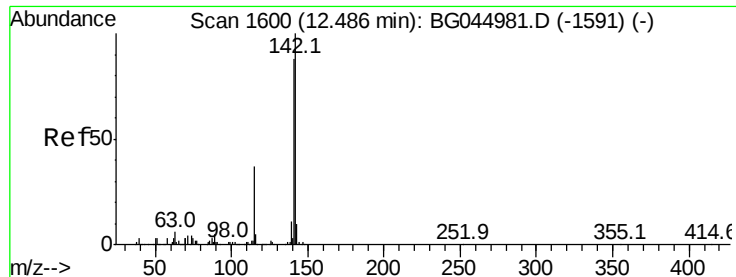
Tot Ion:113 Resp: 30685
 Ion Ratio Lower Upper
 113 100
 55 124.7 118.8 158.8
 56 85.5 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.970 ng
 RT: 12.09 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion:107 Resp: 213052
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.8 29.6
 142 77.4 59.7 89.5

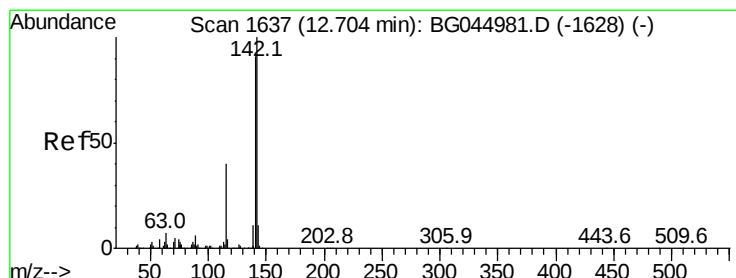
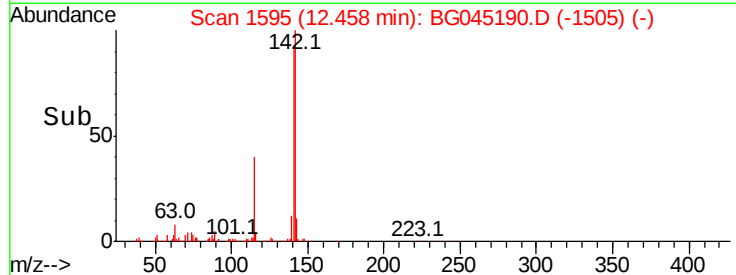
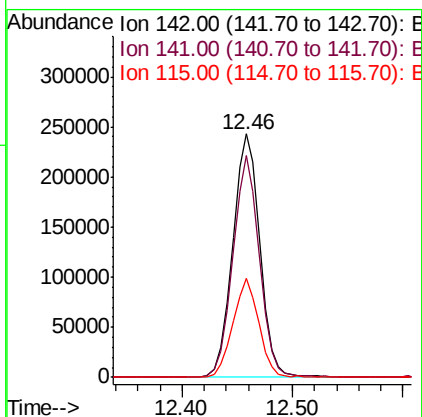
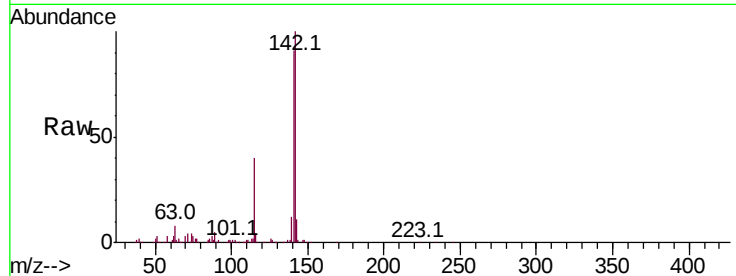




#37
2-Methylnaphthalene
Concen: 41.316 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

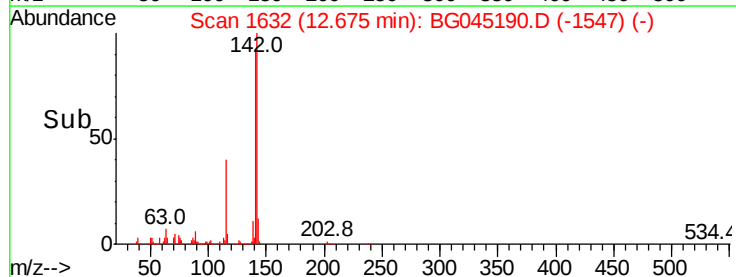
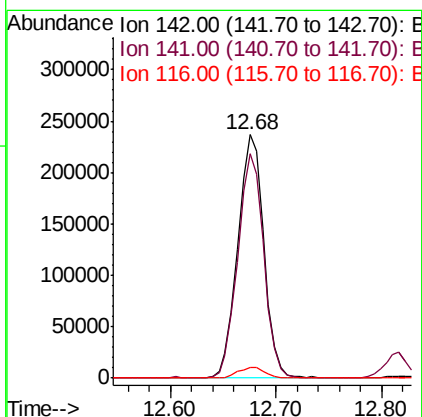
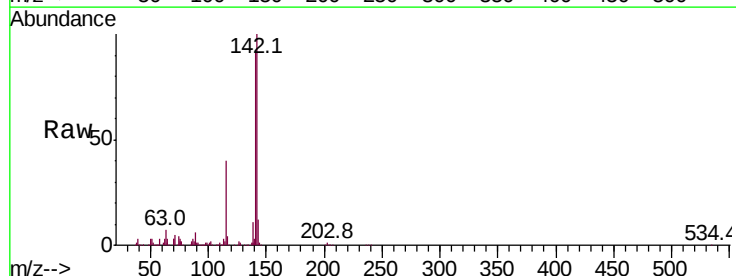
Instrument :
BNA_G
ClientSampleId :
PB128402BS

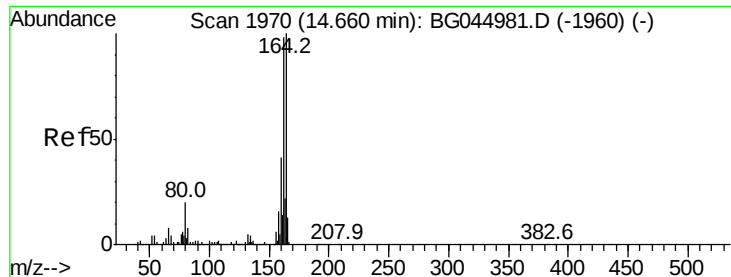
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.3	105.5
115	40.4	29.8	44.6



#38
1-Methylnaphthalene
Concen: 41.950 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.7	109.1
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

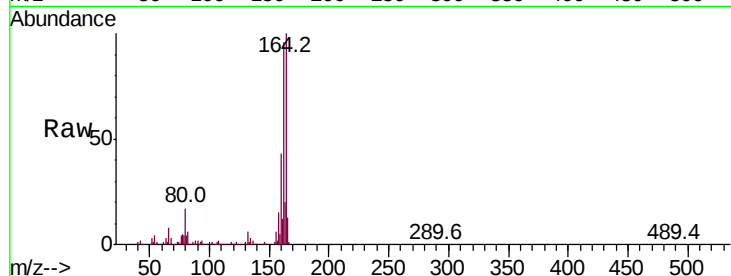
Tot Ion:164 Resp: 178614

Ion Ratio Lower Upper

164 100

162 95.8 78.7 118.1

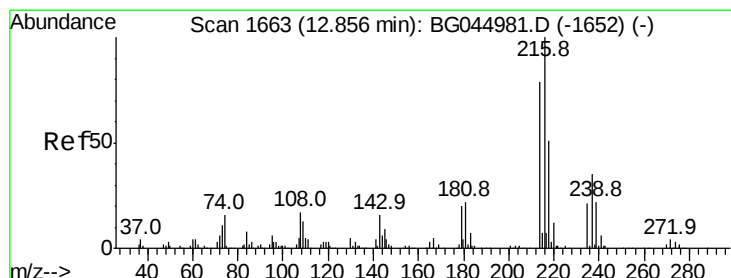
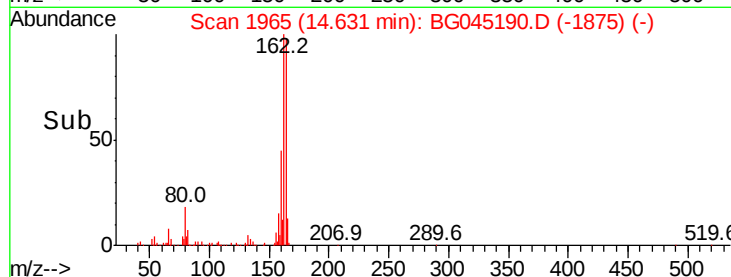
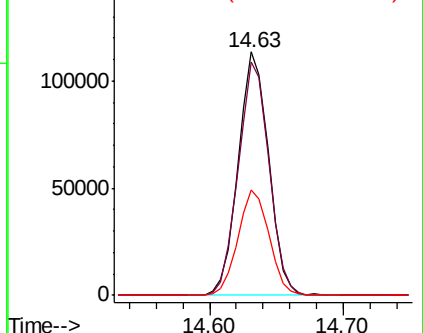
160 43.3 32.8 49.2



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: 40.267 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Tgt Ion:216 Resp: 231573

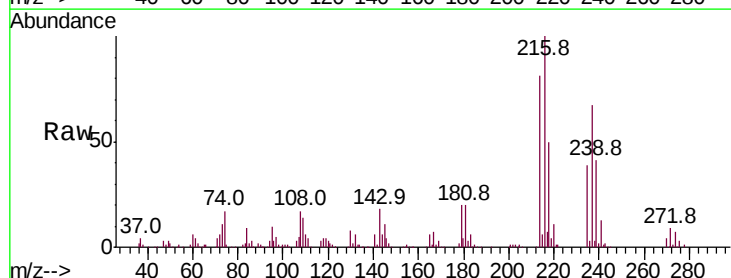
Ion Ratio Lower Upper

216 100

214 77.1 63.0 94.6

179 19.4 15.8 23.8

108 19.1 14.2 21.2

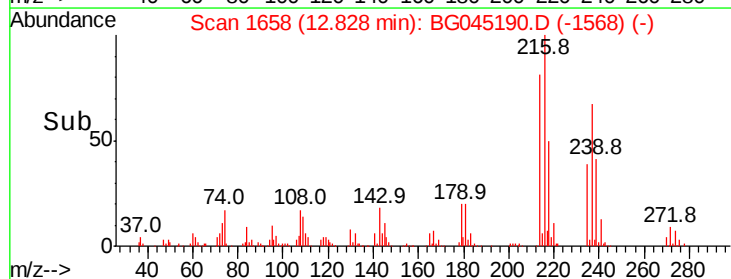
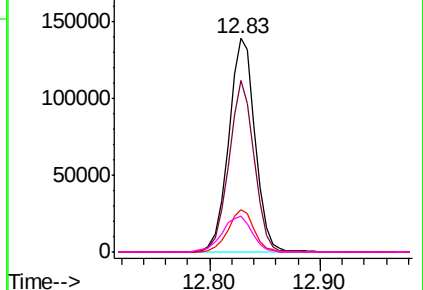


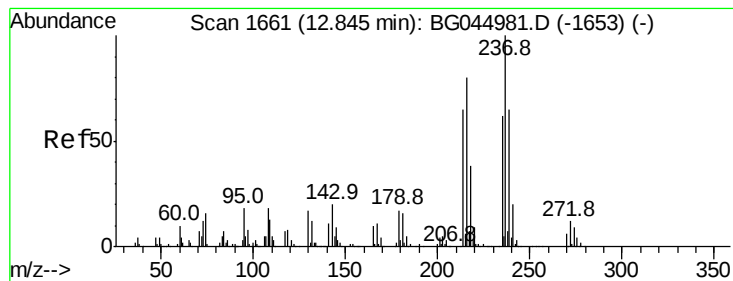
Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.139 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

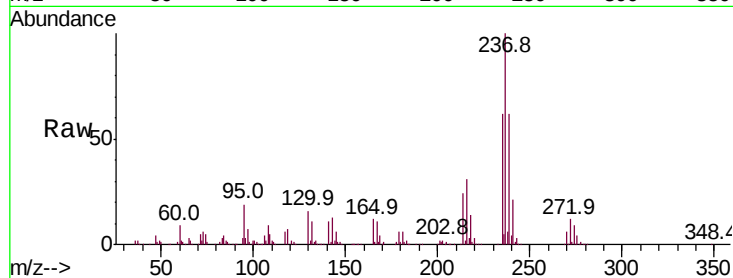
Tot Ion:237 Resp: 349157

Ion Ratio Lower Upper

237 100

235 61.7 41.6 81.6

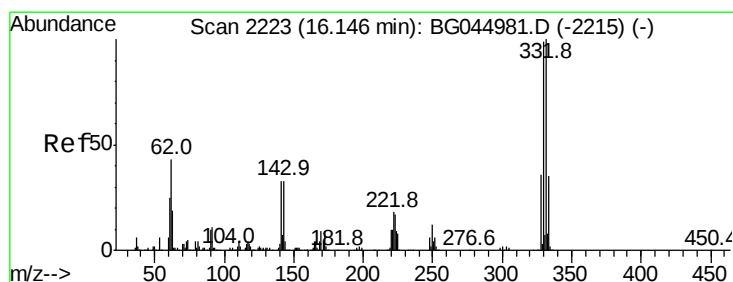
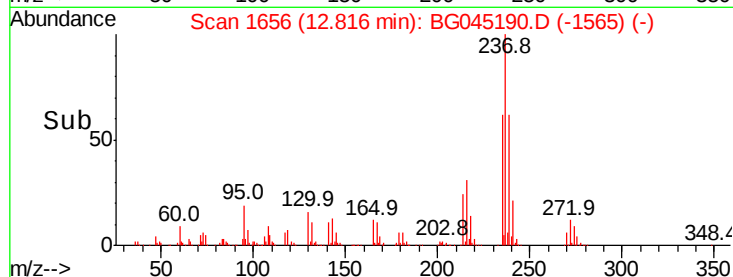
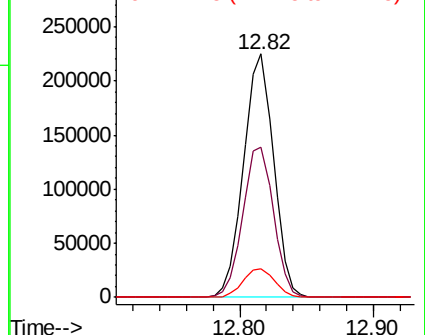
272 12.0 0.0 32.1



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: 82.674 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

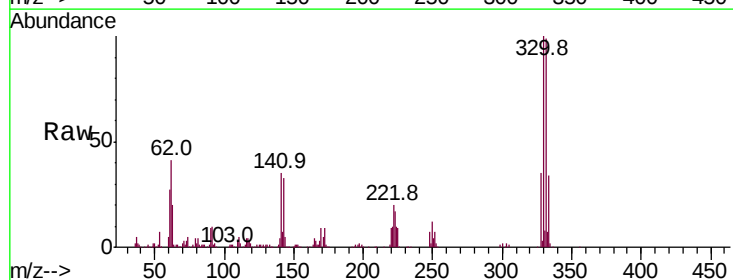
Tgt Ion:330 Resp: 228126

Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

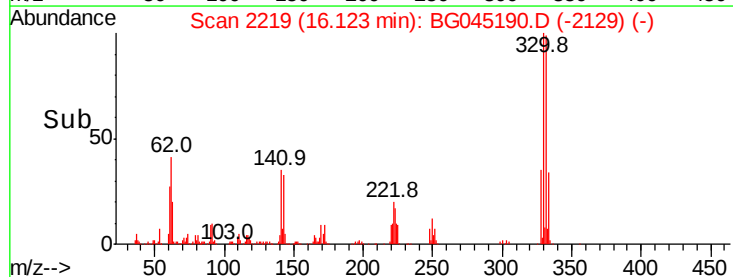
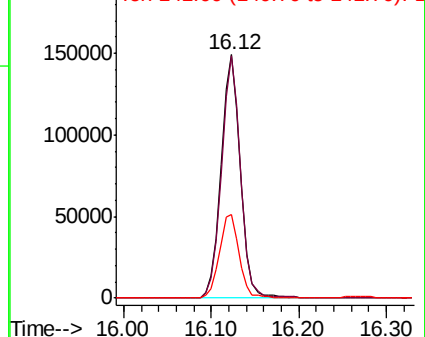
141 35.4 27.1 40.7

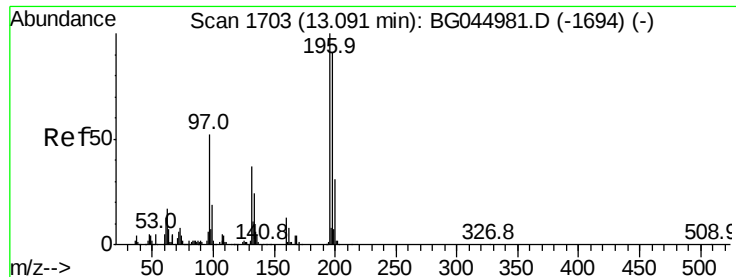


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

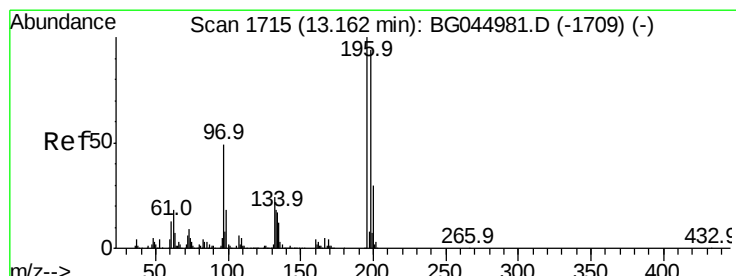
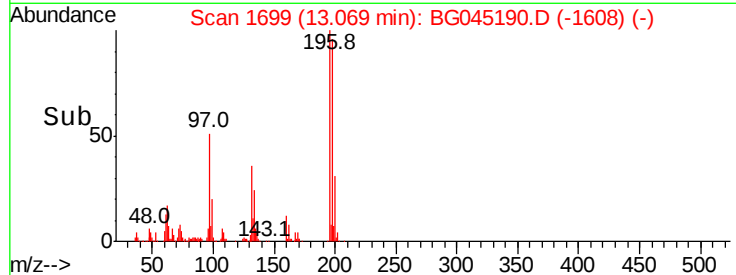
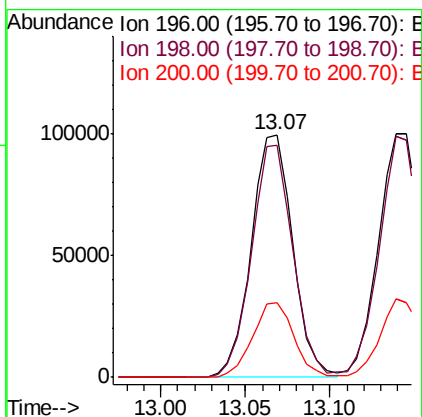
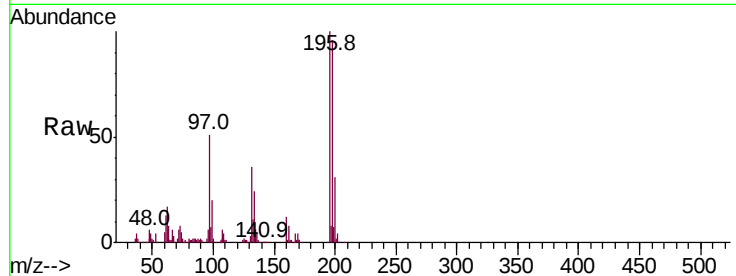




#43
 2,4,6-Trichlorophenol
 Concen: 41.939 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

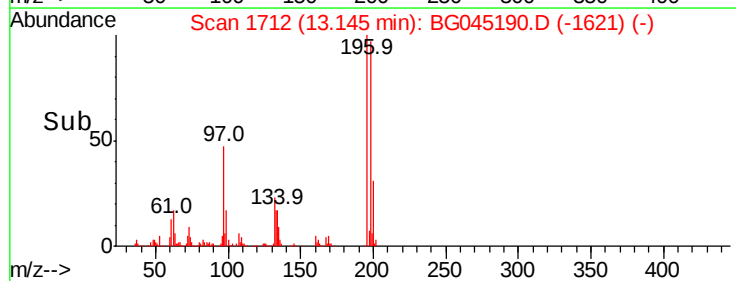
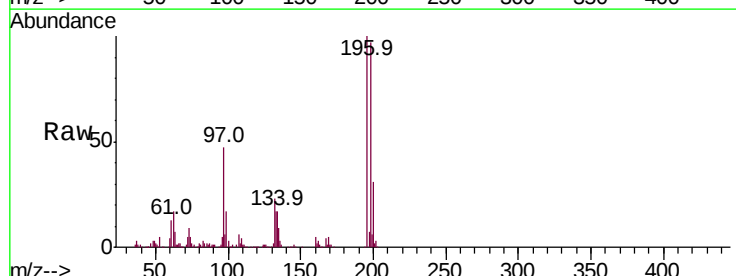
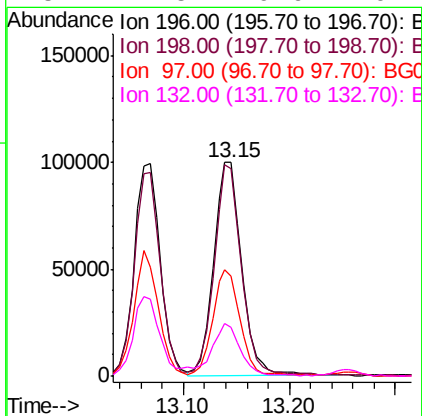
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

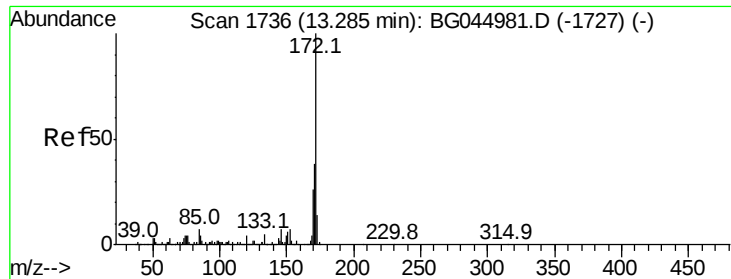
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	72.5	108.7
200	30.8	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 40.040 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.01 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
97	46.9	39.6	59.4
132	22.5	19.6	29.4

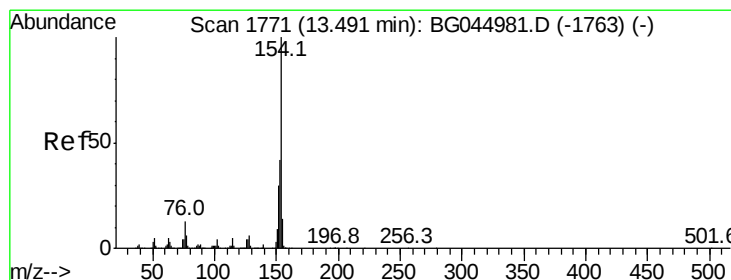
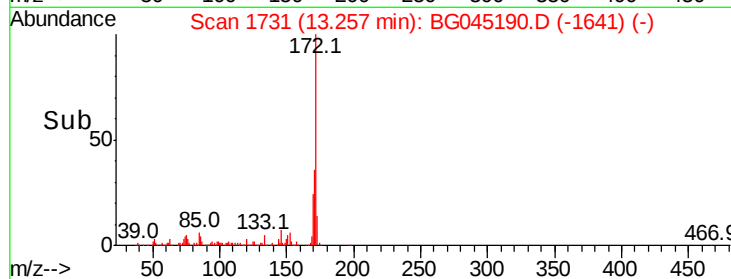
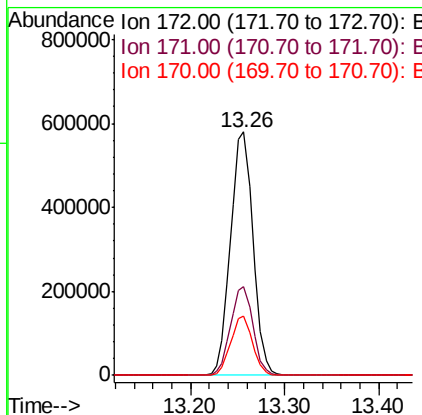
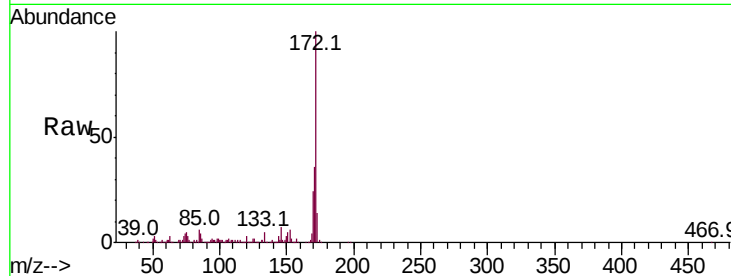




#45
2-Fluorobiphenyl
Concen: 79.342 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

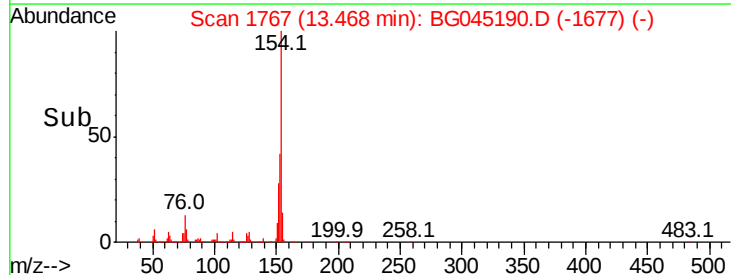
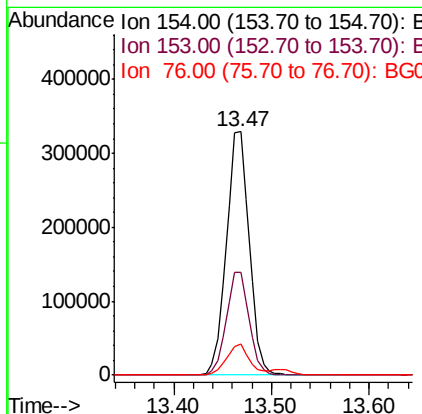
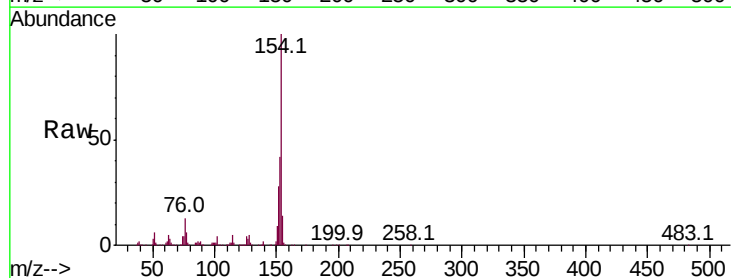
Instrument :
BNA_G
ClientSampleId :
PB128402BS

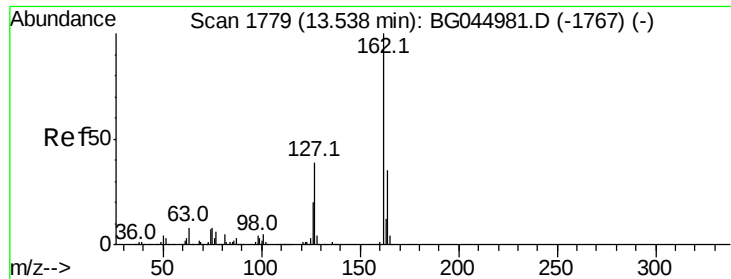
Tot Ion:172 Resp: 966472
Ion Ratio Lower Upper
172 100
171 36.3 30.6 46.0
170 24.5 20.5 30.7



#46
1,1'-Biphenyl
Concen: 39.404 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Tgt Ion:154 Resp: 534949
Ion Ratio Lower Upper
154 100
153 42.4 21.9 61.9
76 13.0 0.0 33.1

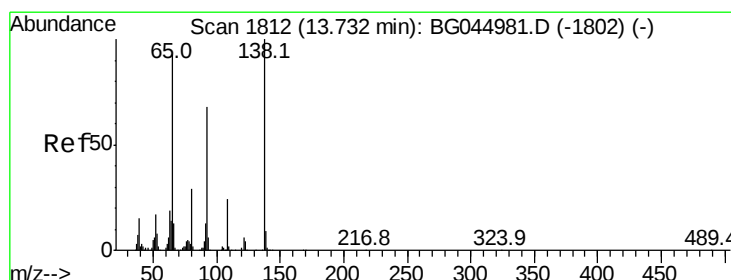
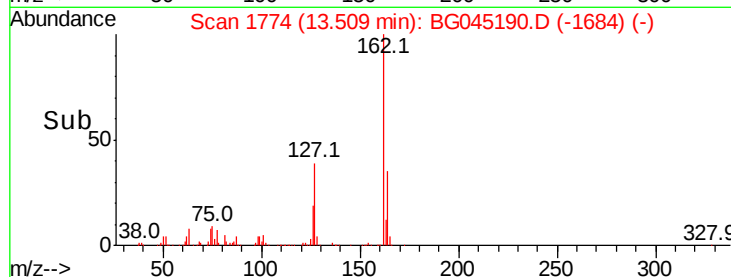
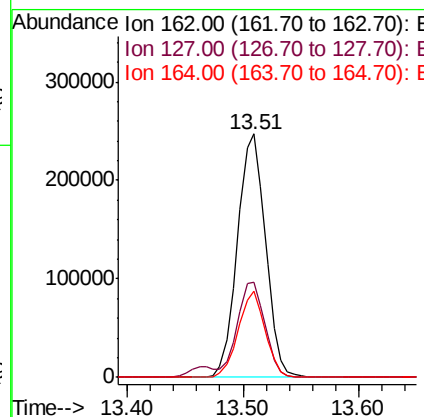
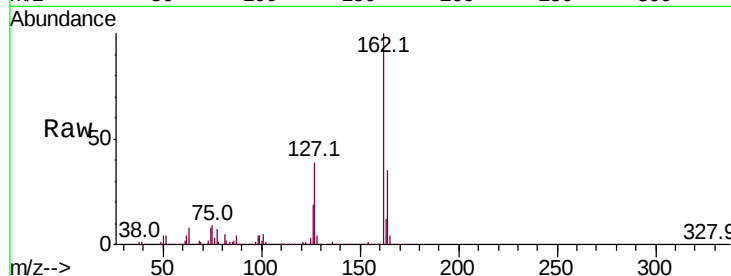




#47
 2-Chloronaphthalene
 Concen: 40.237 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

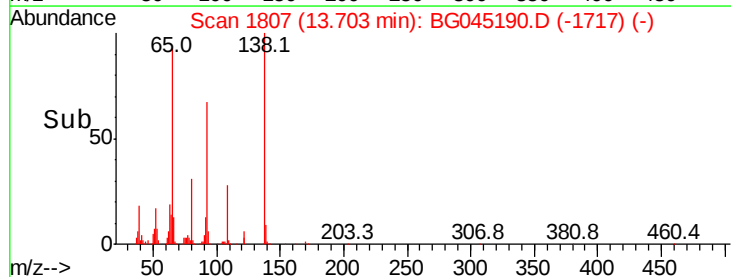
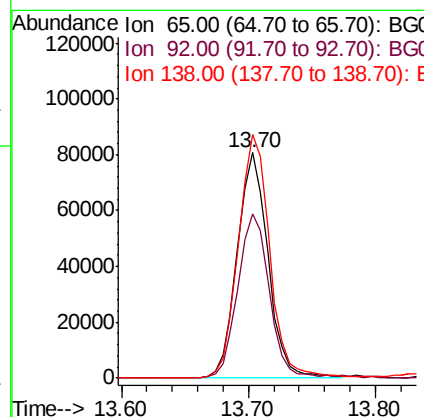
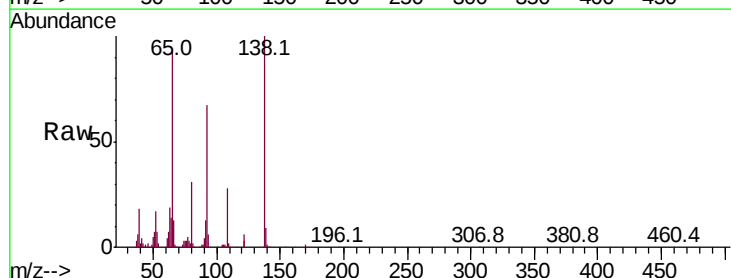
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

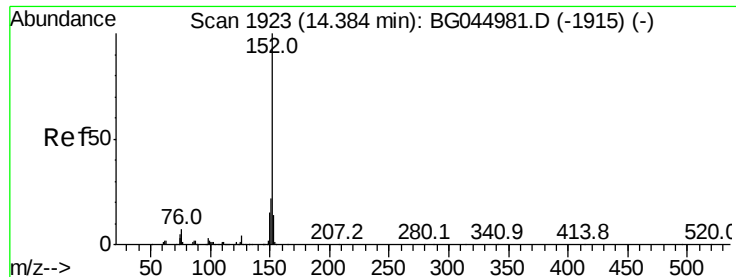
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.3	46.9
164	35.4	27.8	41.8



#48
 2-Nitroaniline
 Concen: 39.791 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.3	87.5
138	108.0	85.6	128.4





#49

Acenaphthylene

Concen: 41.107 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

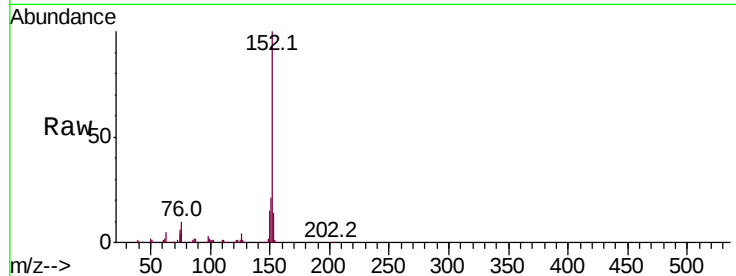
Tot Ion:152 Resp: 694582

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

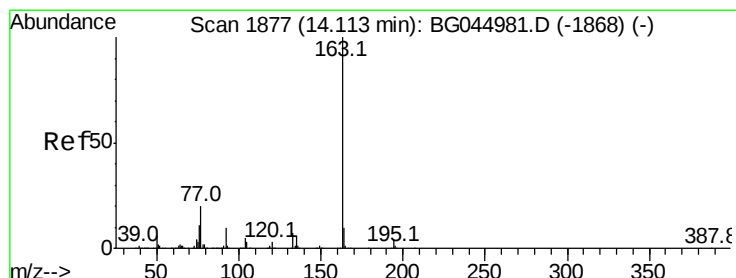
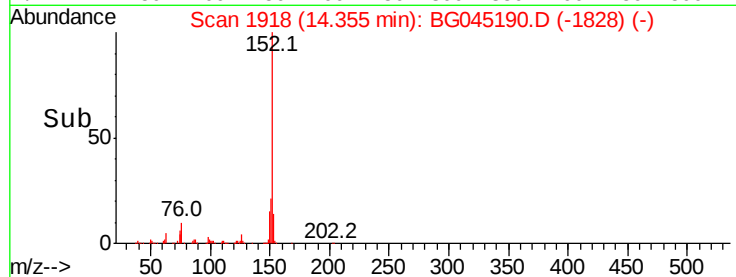
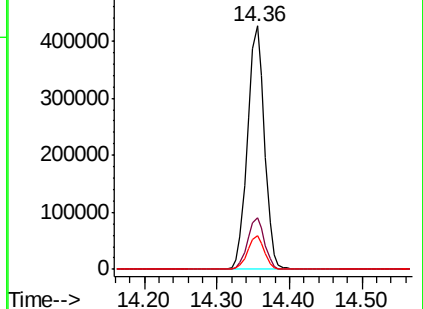
153 13.7 11.0 16.4



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: 40.403 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

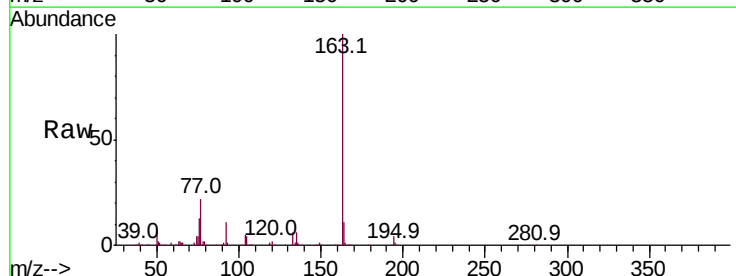
Tgt Ion:163 Resp: 587606

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

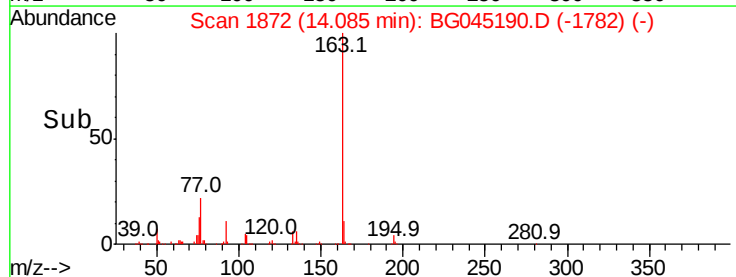
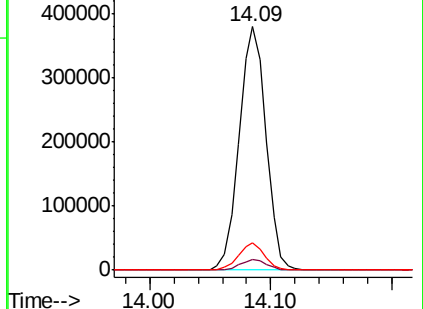
164 11.0 8.2 12.4

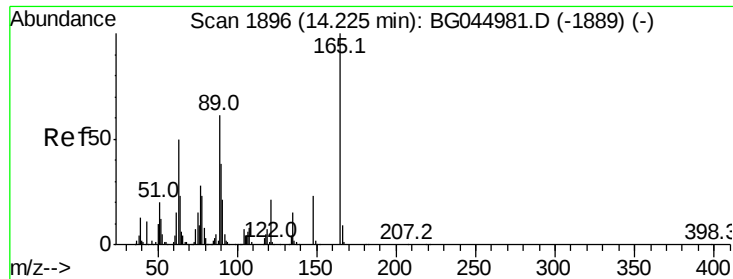


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

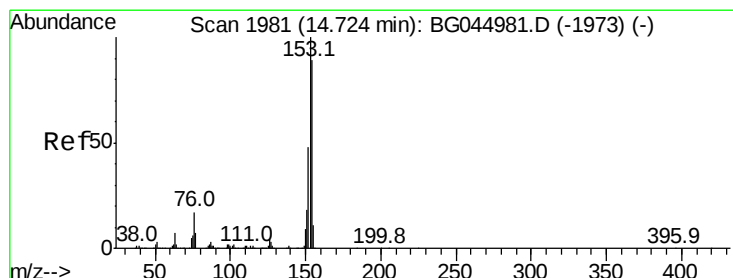
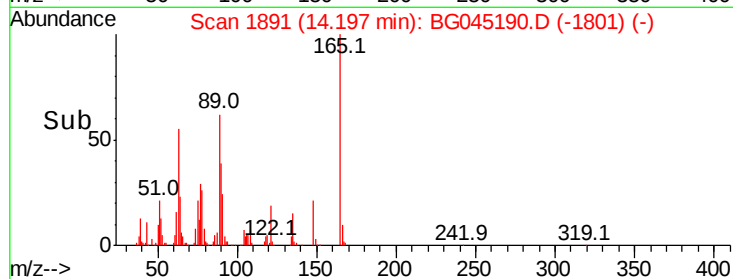
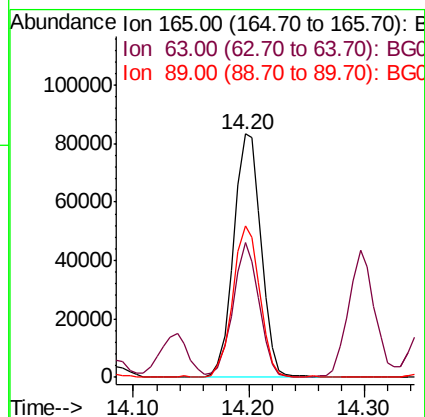
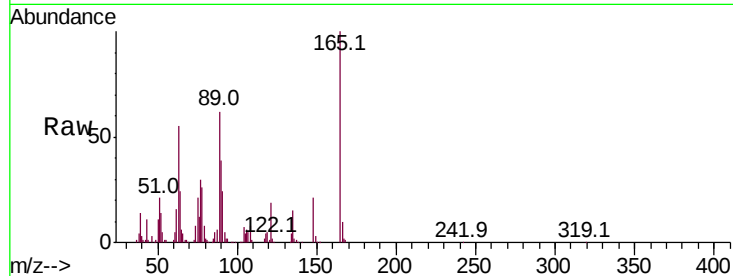




#51
 2,6-Dinitrotoluene
 Concen: 41.929 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

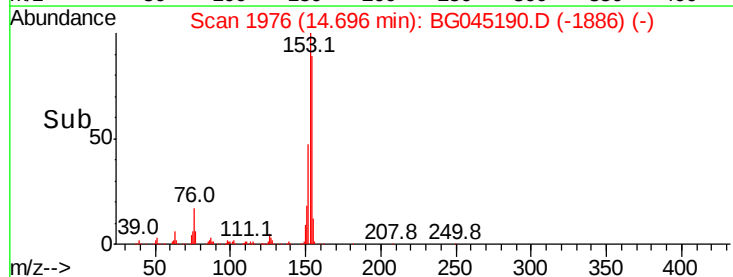
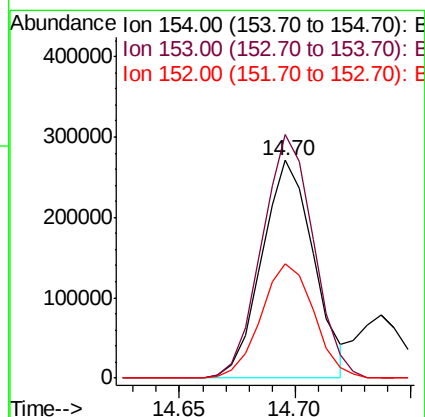
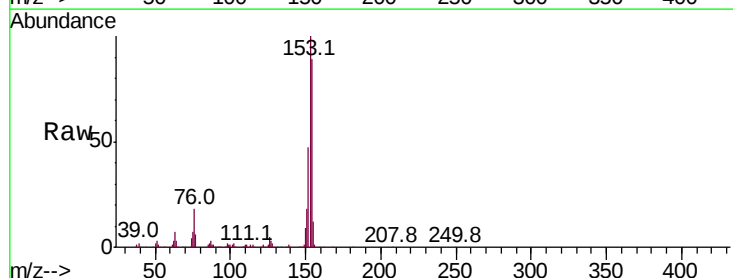
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

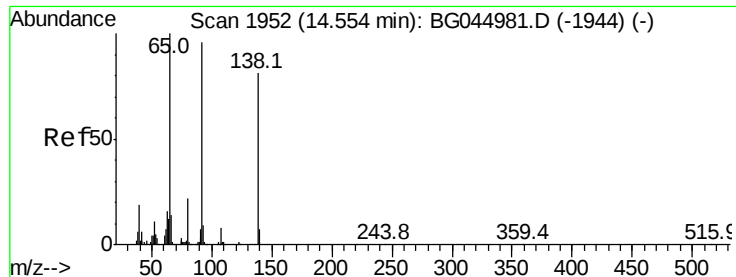
Tot Ion:165 Resp: 136393
 Ion Ratio Lower Upper
 165 100
 63 55.3 40.4 60.6
 89 62.1 49.1 73.7



#52
 Acenaphthene
 Concen: 36.878 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion:154 Resp: 421602
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.7 134.5
 152 52.6 43.1 64.7

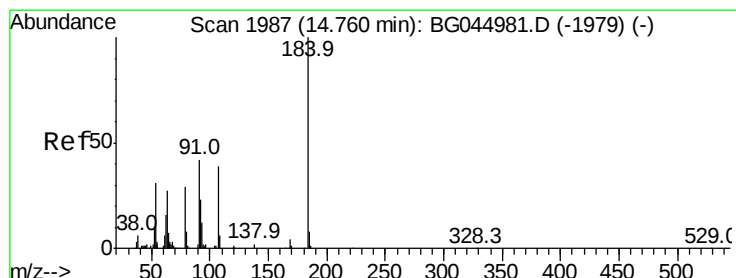
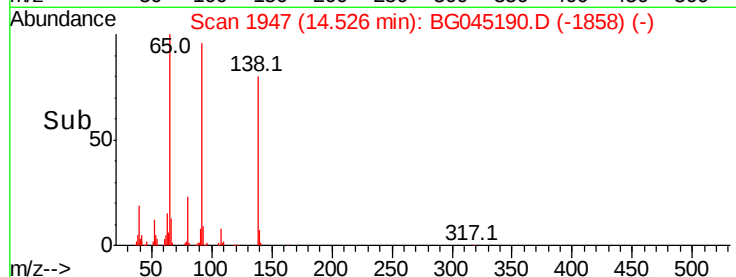
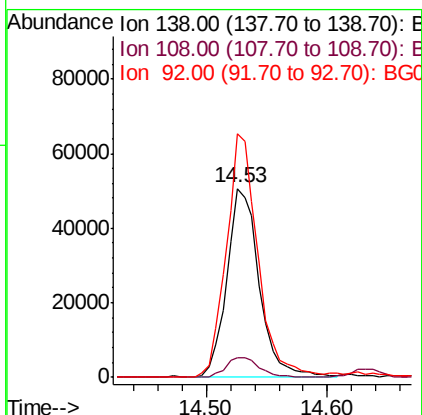
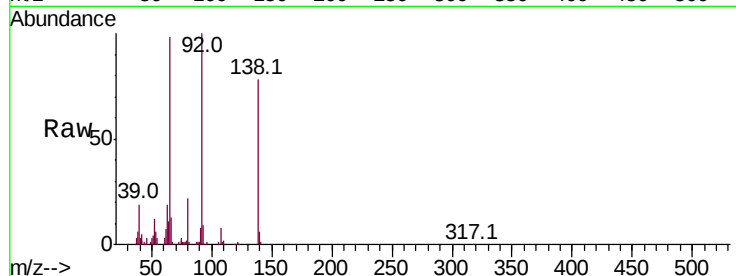




#53
3-Nitroaniline
Concen: 26.548 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

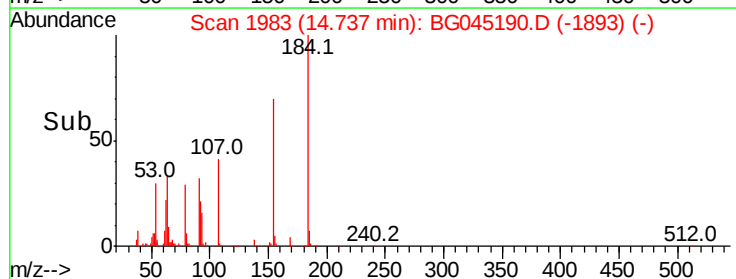
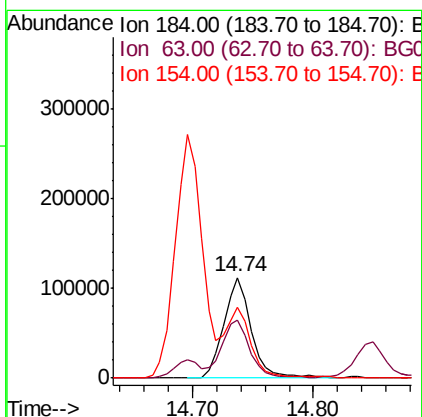
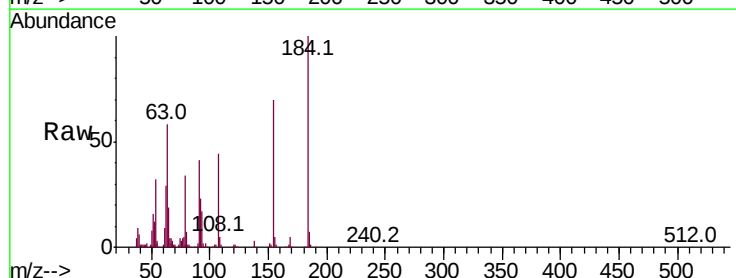
Instrument :
BNA_G
ClientSampleId :
PB128402BS

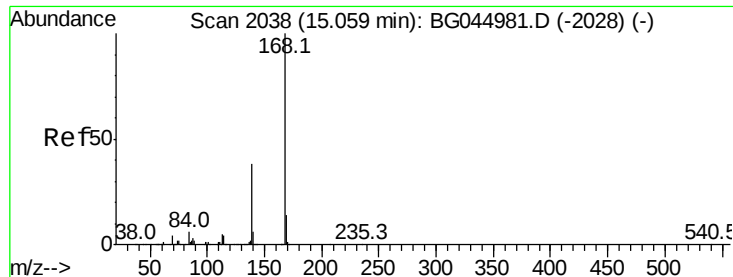
Tot Ion:138 Resp: 94716
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.8
92 128.8 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 91.494 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Tgt Ion:184 Resp: 176979
Ion Ratio Lower Upper
184 100
63 57.5 41.5 62.3
154 69.9 52.3 78.5





#55

Dibenzofuran

Concen: 41.171 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

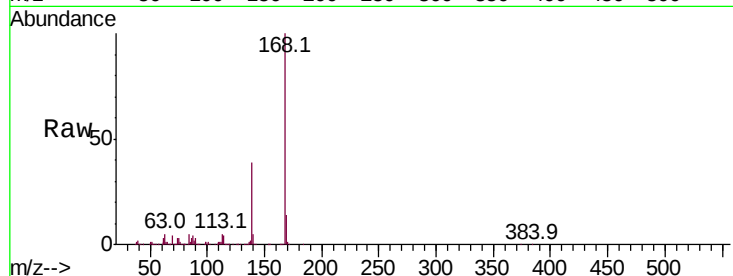
Tot Ion:168 Resp: 686218

Ion Ratio Lower Upper

168 100

139 39.1 30.4 45.6

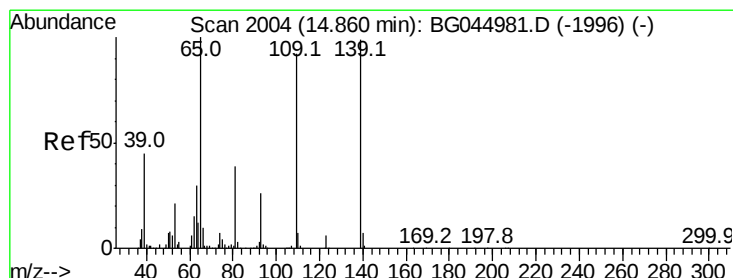
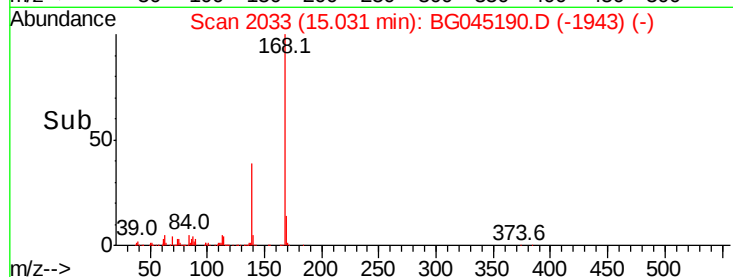
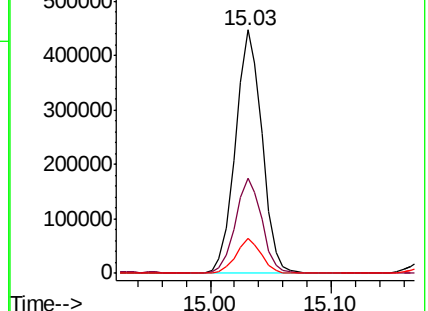
169 14.4 11.0 16.4



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: 82.497 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

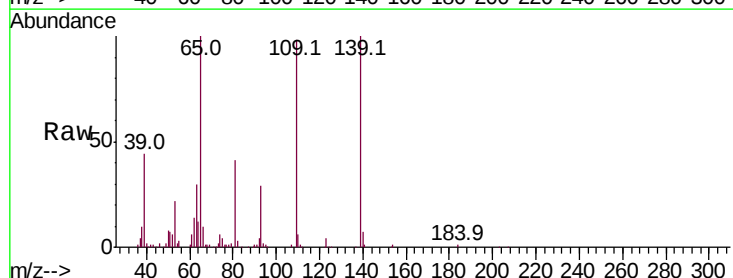
Tgt Ion:139 Resp: 228212

Ion Ratio Lower Upper

139 100

109 98.4 73.6 113.6

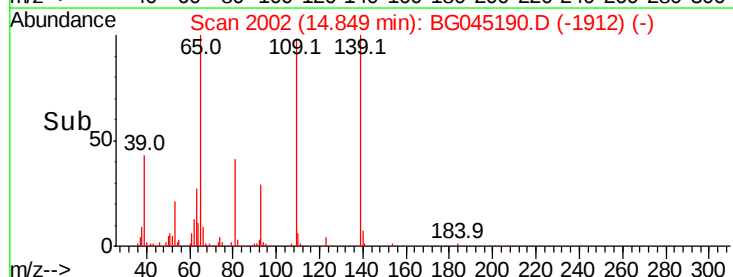
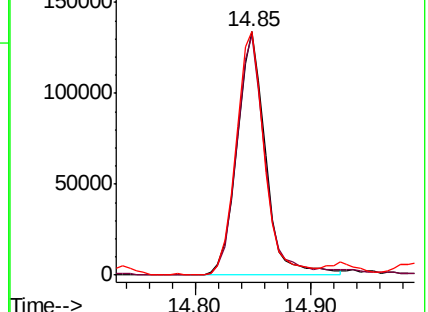
65 100.0 81.2 121.2

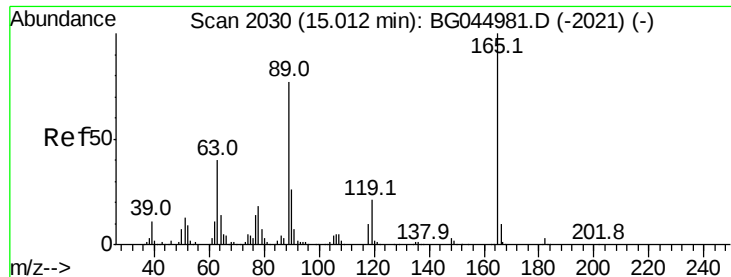


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

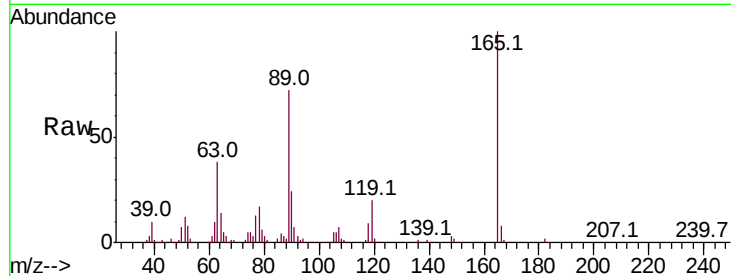




#57
 2,4-Dinitrotoluene
 Concen: 40.666 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	32.2	48.2
89	72.0	61.7	92.5
182	2.1	2.0	3.0



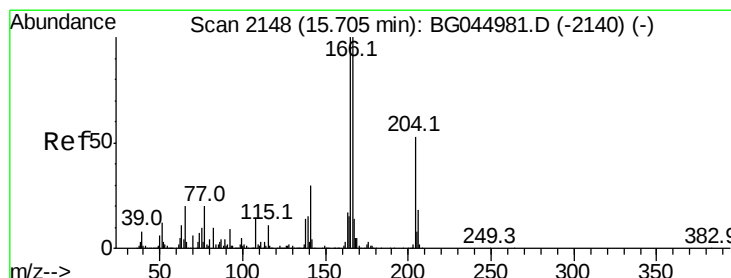
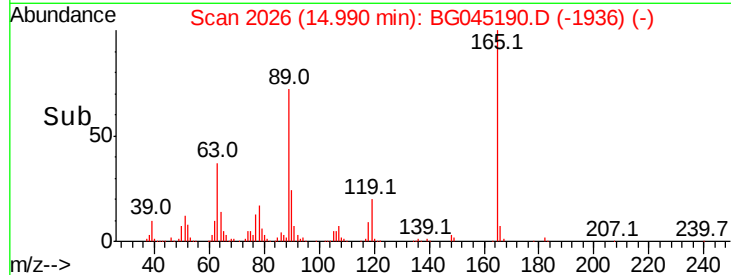
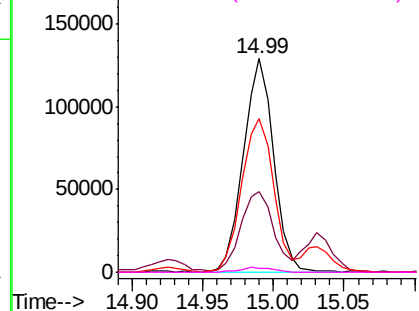
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

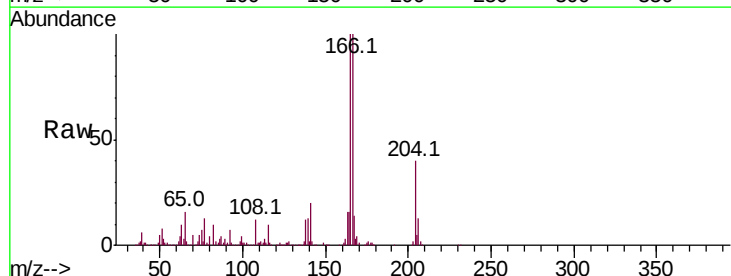
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.349 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.9	119.9
167	14.3	11.4	17.0

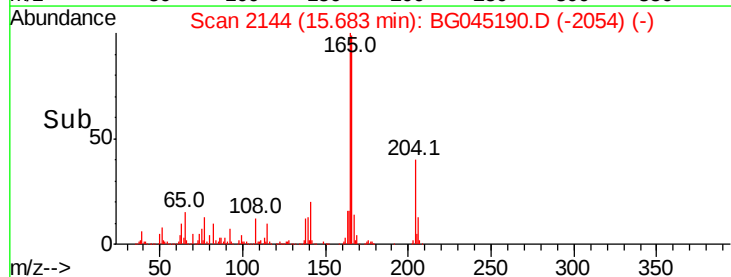
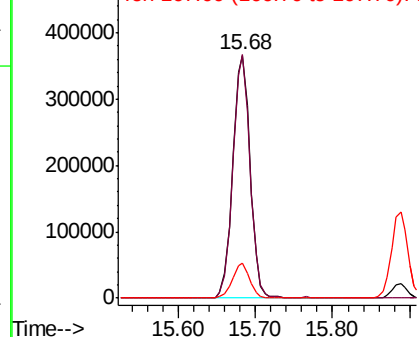


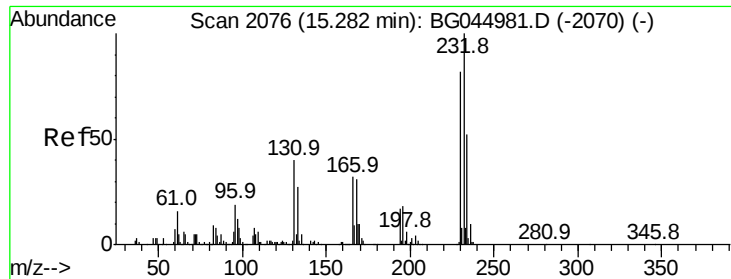
Abundance

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

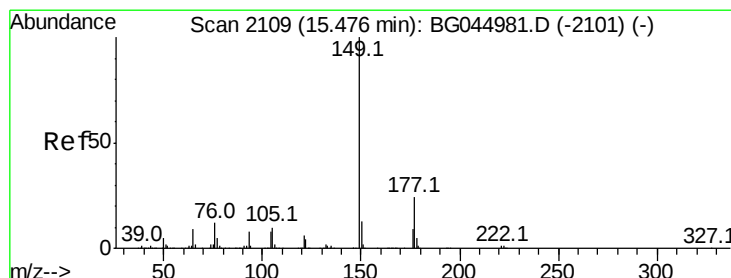
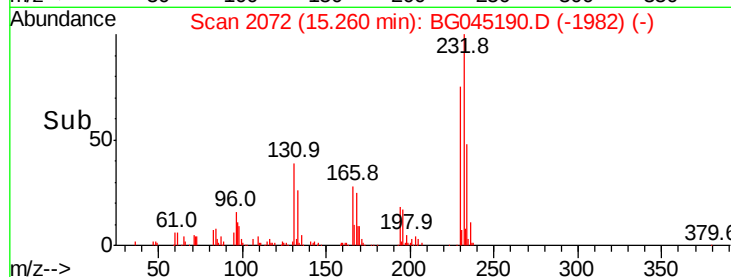
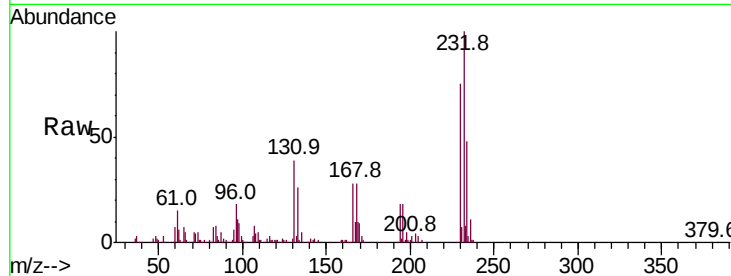




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.962 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

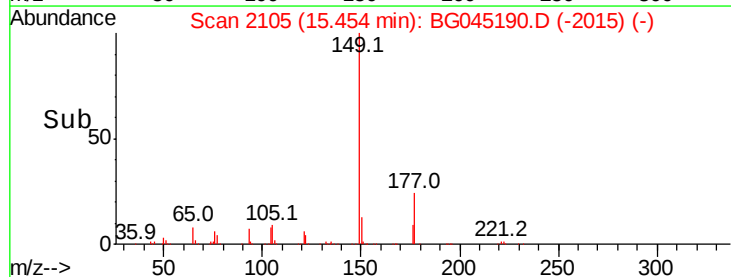
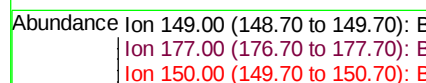
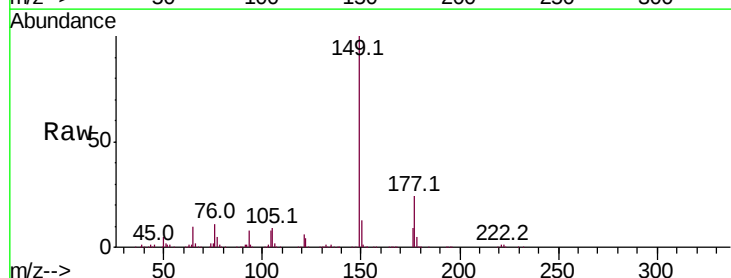
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

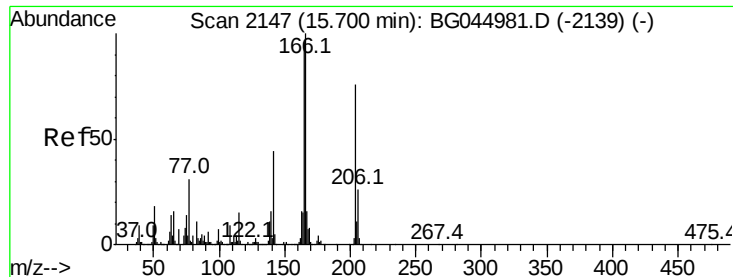
Tot Ion:	232	Resp:	184828
Ion	Ratio	Lower	Upper
232	100		
131	41.1	32.2	48.2
130	2.6	2.2	3.2
166	28.7	24.2	36.4



#60
 Diethylphthalate
 Concen: 41.280 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion:	149	Resp:	625931
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.9	28.3
150	13.4	10.6	15.8

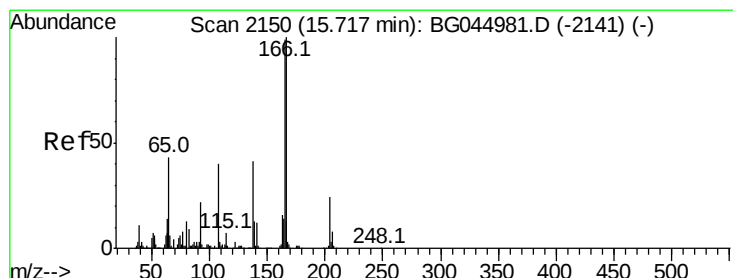
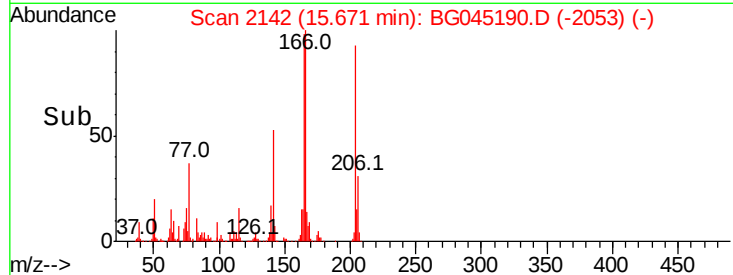
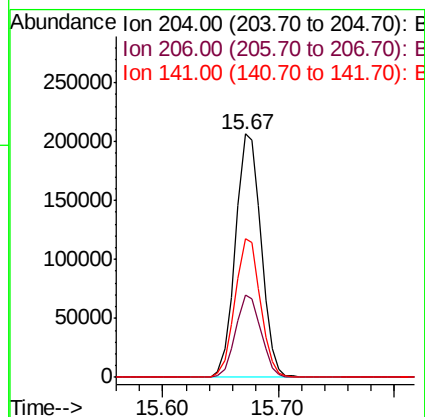
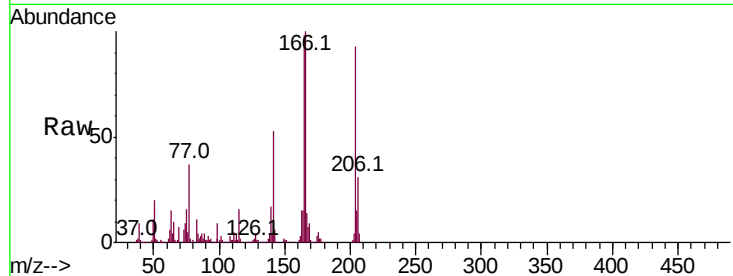




#61
4-Chlorophenyl-phenylether
Concen: 40.497 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

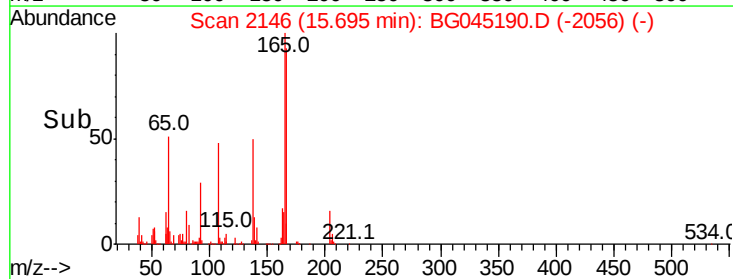
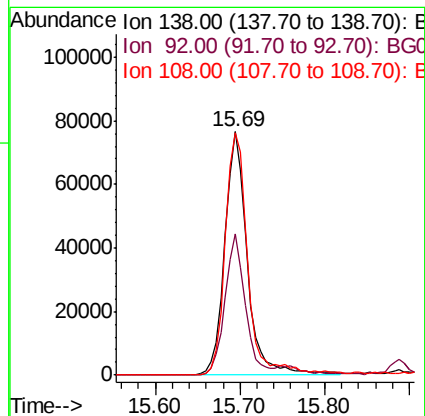
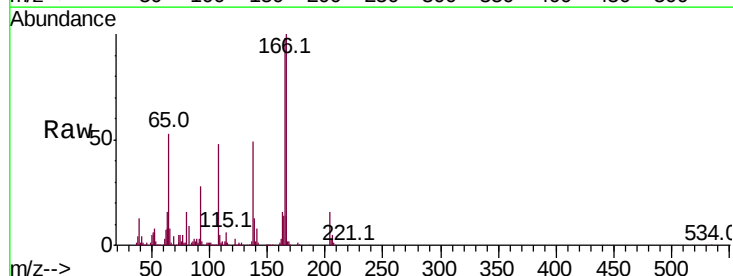
Instrument :
BNA_G
ClientSampleID :
PB128402BS

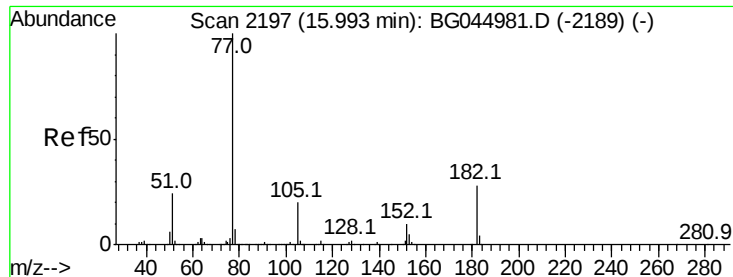
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.9	40.3
141	57.1	46.3	69.5



#62
4-Nitroaniline
Concen: 38.250 ng
RT: 15.69 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.2	33.6	73.6
108	99.5	78.2	118.2





#63

Azobenzene

Concen: 41.624 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

Tot Ion: 77 Resp: 581903

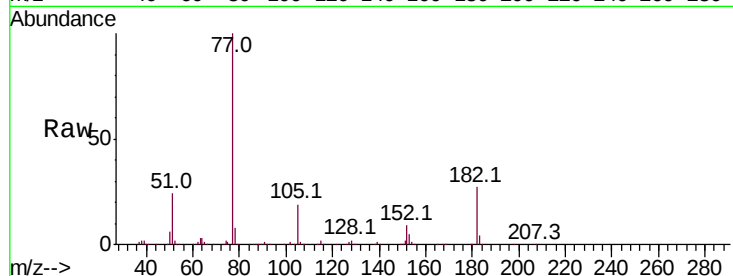
Ion Ratio Lower Upper

77 100

182 26.6 8.4 48.4

105 18.8 0.5 40.5

51 23.9 4.4 44.4

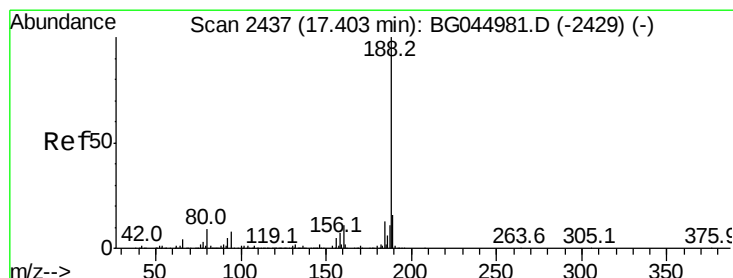
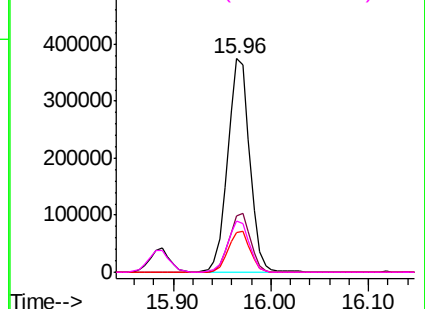
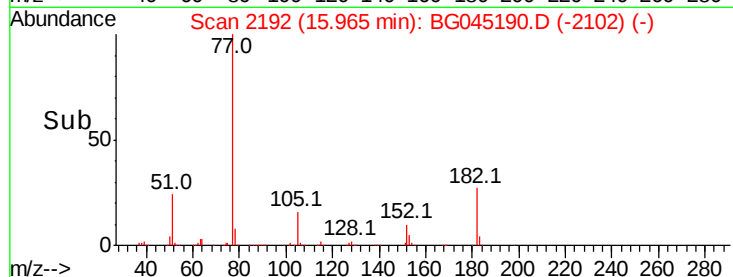


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

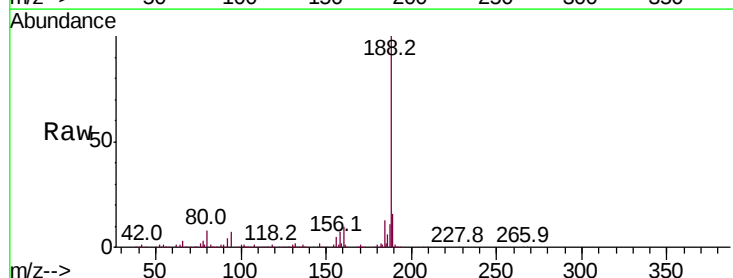
Tgt Ion: 188 Resp: 453493

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

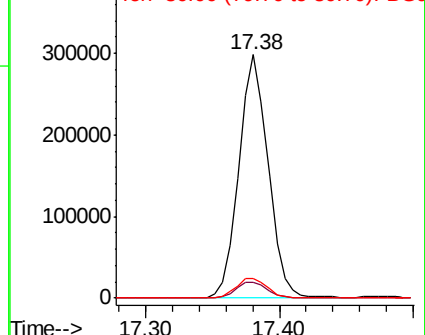
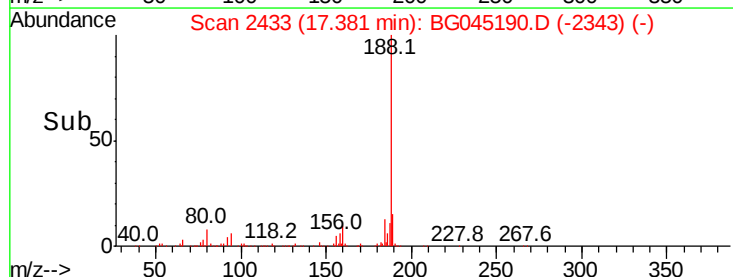
80 7.9 7.0 10.6

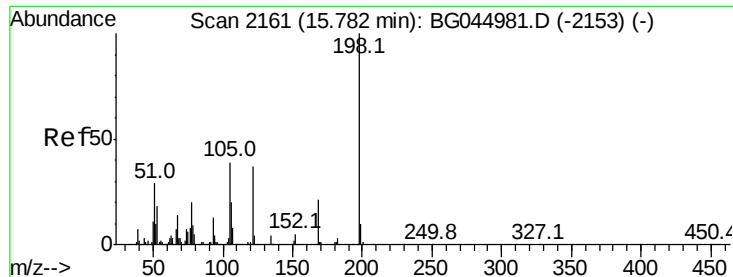


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

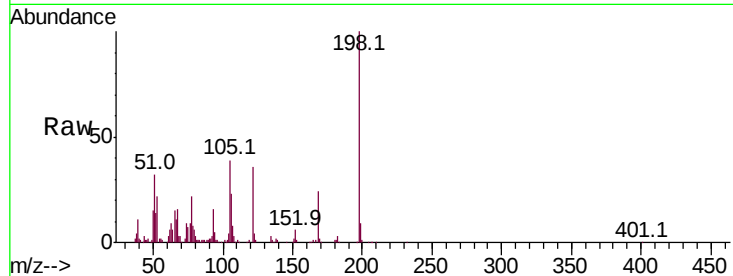




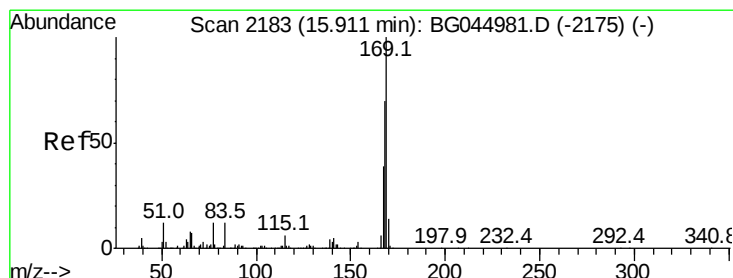
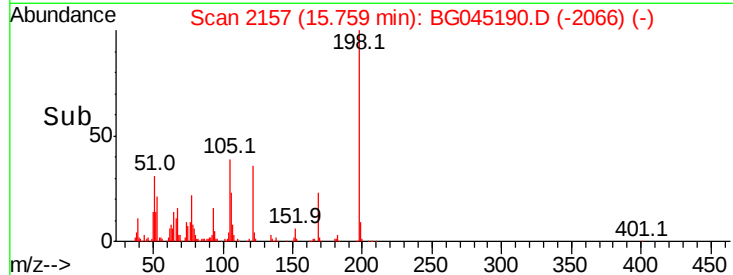
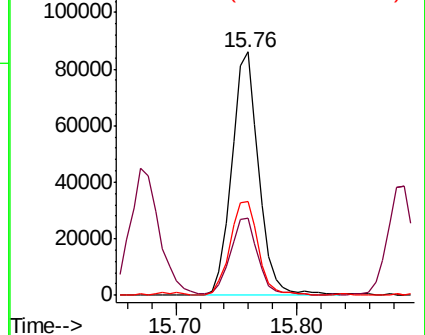
#65
4,6-Dinitro-2-methylphenol
Concen: 44.937 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.01 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Instrument :
BNA_G
ClientSampleId :
PB128402BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.5	10.0	50.0
105	38.5	18.9	58.9

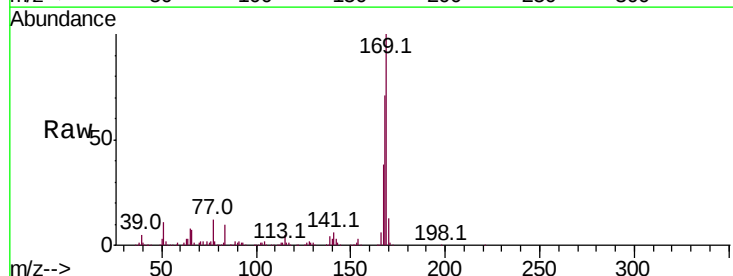


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

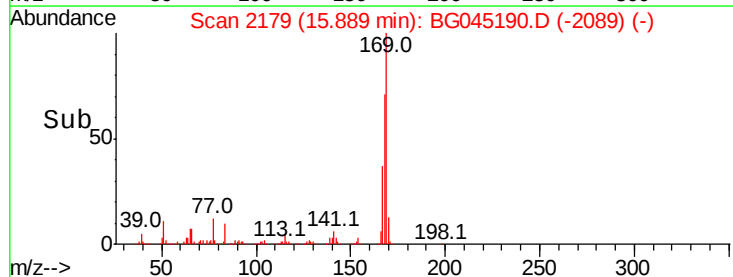
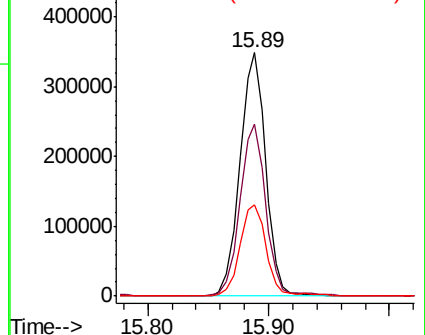


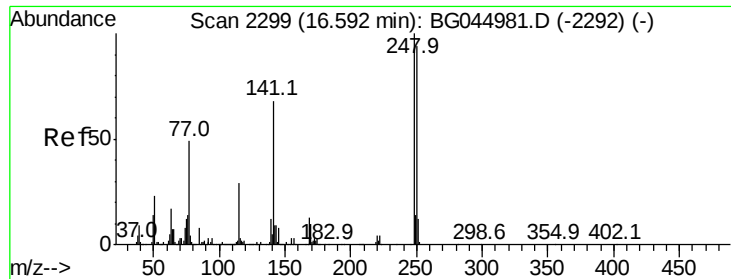
#66
n-Nitrosodiphenylamine
Concen: 39.862 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.8	83.8
167	37.5	30.8	46.2



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

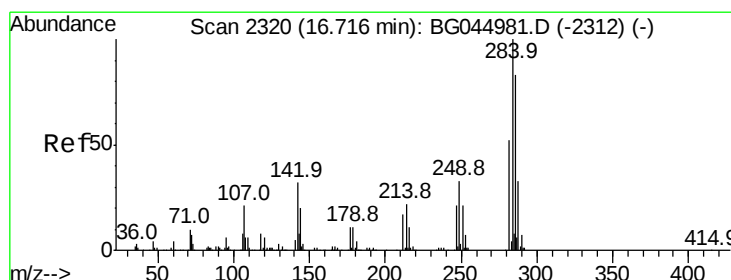
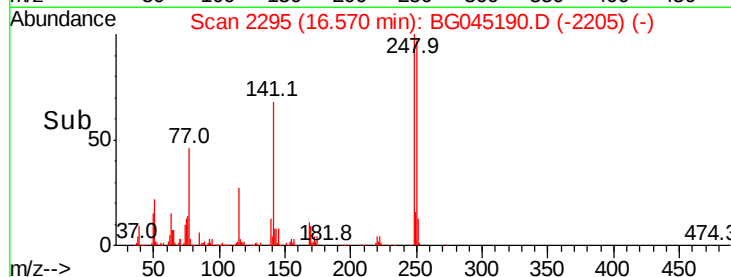
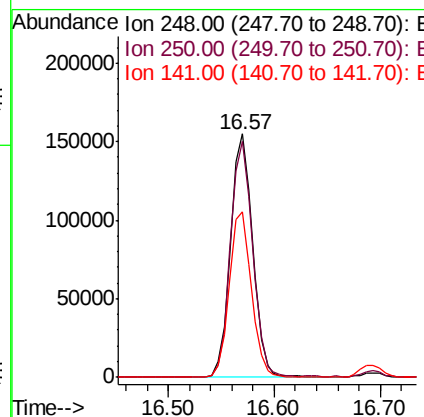
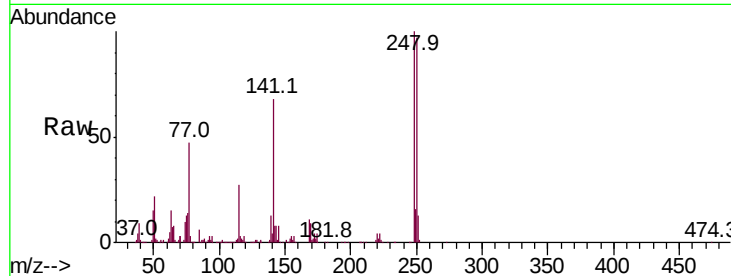




#67
4-Bromophenyl-phenylether
Concen: 38.209 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

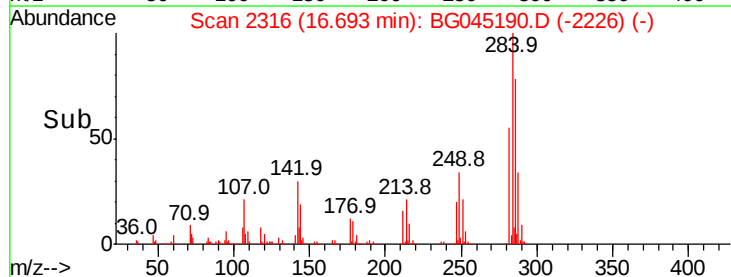
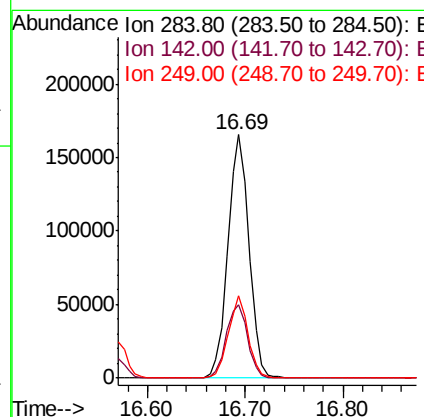
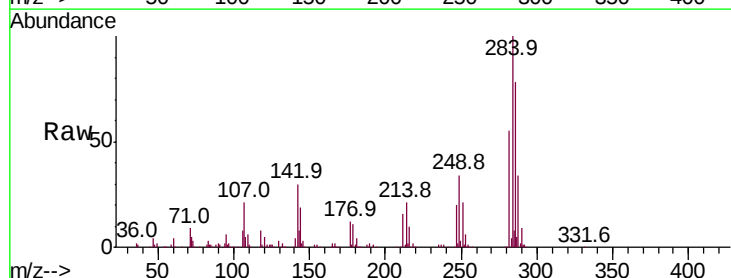
Instrument :
BNA_G
ClientSampleId :
PB128402BS

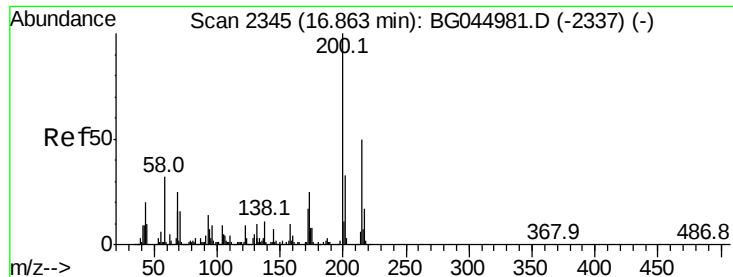
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	75.4	113.2
141	67.9	54.4	81.6



#68
Hexachlorobenzene
Concen: 40.643 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045190.D
Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.8	38.6
249	33.8	26.6	39.8





#69

Atrazine

Concen: 46.079 ng

RT: 16.83 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

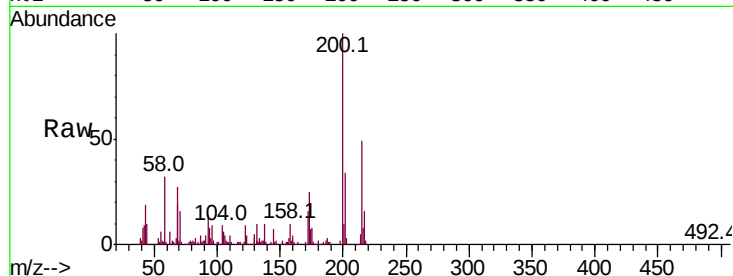
Tot Ion:200 Resp: 218443

Ion Ratio Lower Upper

200 100

173 24.6 4.5 44.5

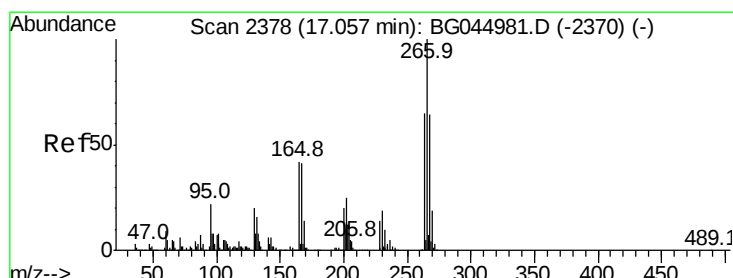
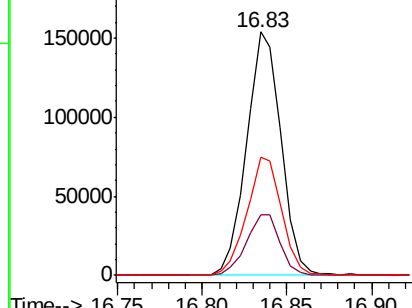
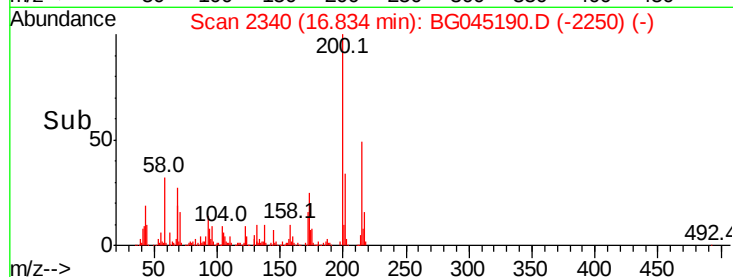
215 48.5 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.758 ng

RT: 17.03 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

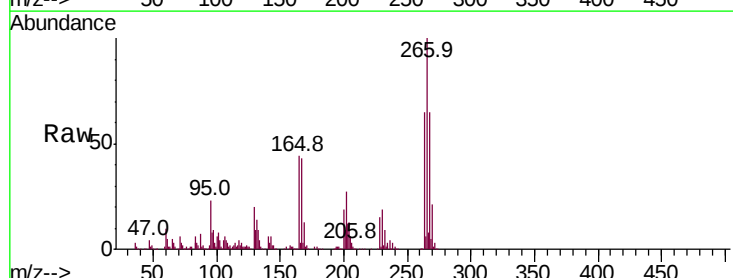
Tgt Ion:266 Resp: 315488

Ion Ratio Lower Upper

266 100

268 64.7 51.5 77.3

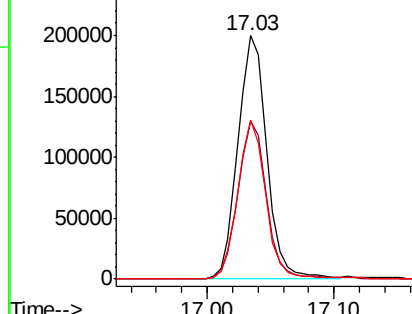
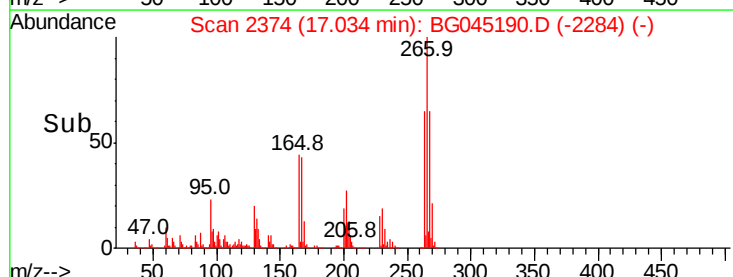
264 65.3 52.2 78.4

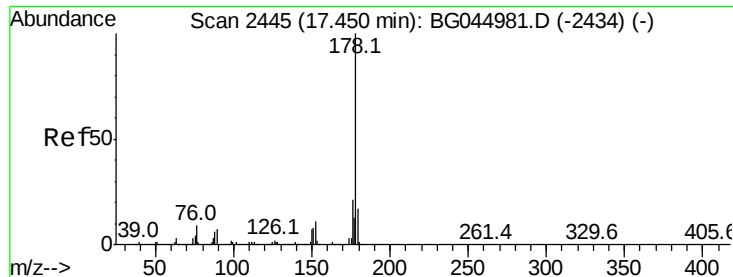


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.622 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

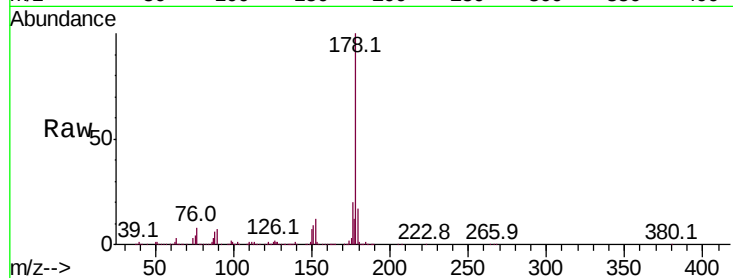
Tot Ion:178 Resp: 969942

Ion Ratio Lower Upper

178 100

176 20.3 16.8 25.2

179 17.1 13.2 19.8



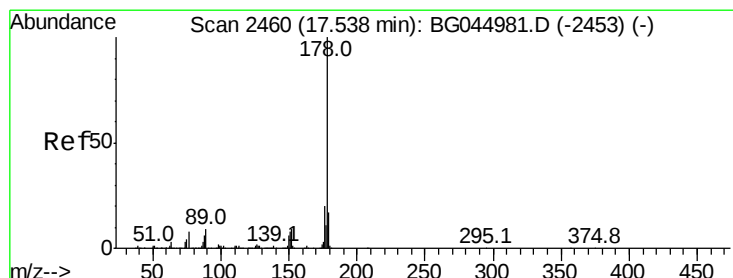
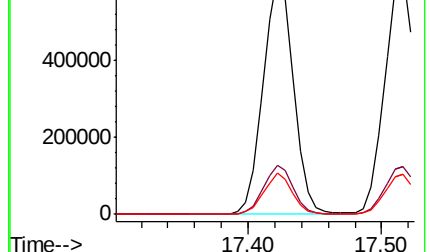
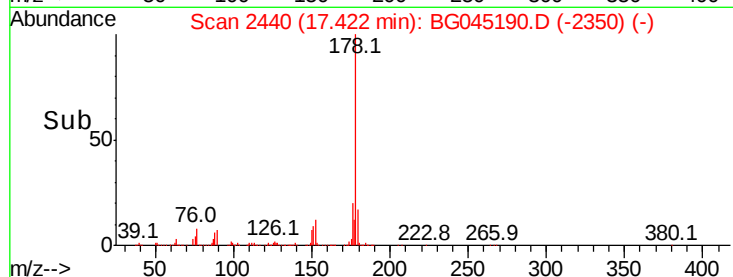
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.42

17.50



#72

Anthracene

Concen: 42.891 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

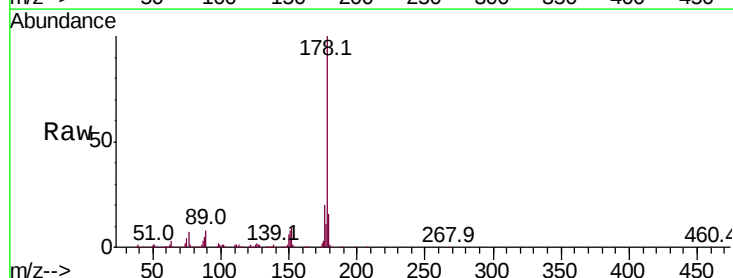
Tgt Ion:178 Resp: 1002619

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 16.4 13.6 20.4



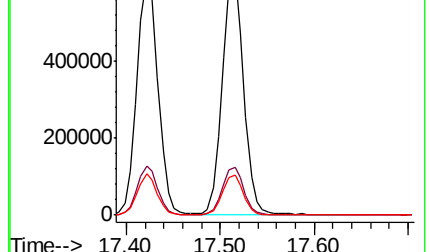
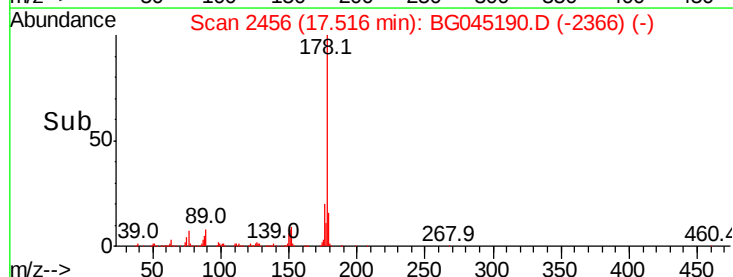
Abundance Ion 178.00 (177.70 to 178.70): E

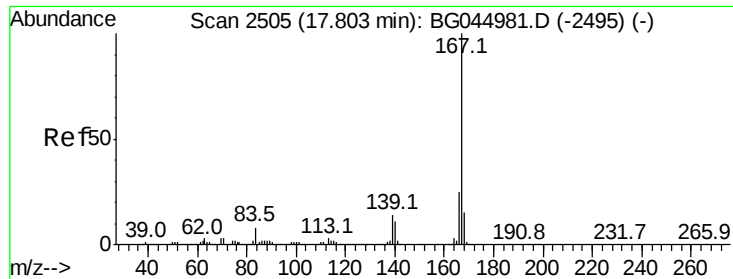
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.52

17.60

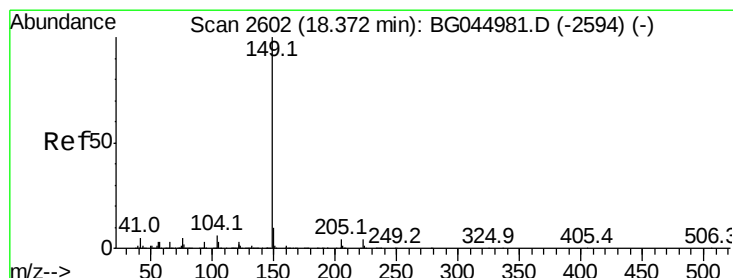
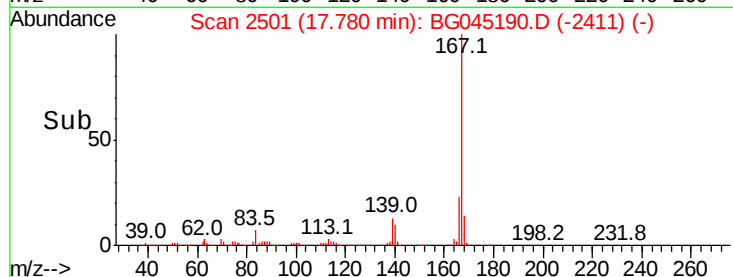
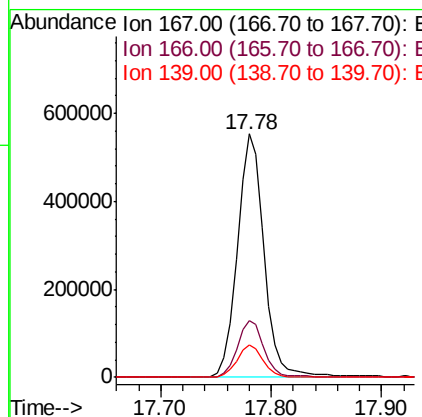
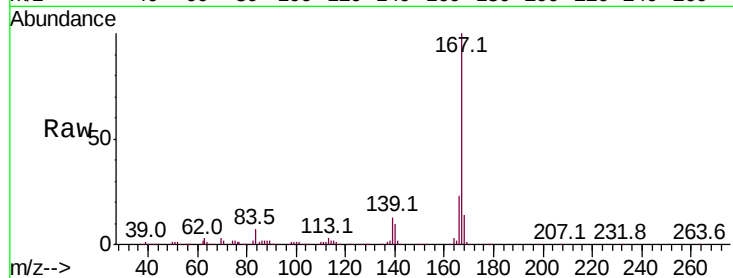




#73
 Carbazole
 Concen: 39.321 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

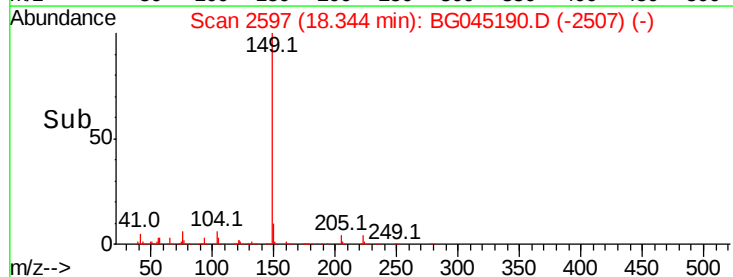
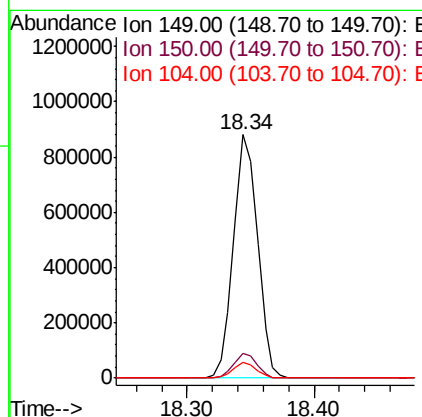
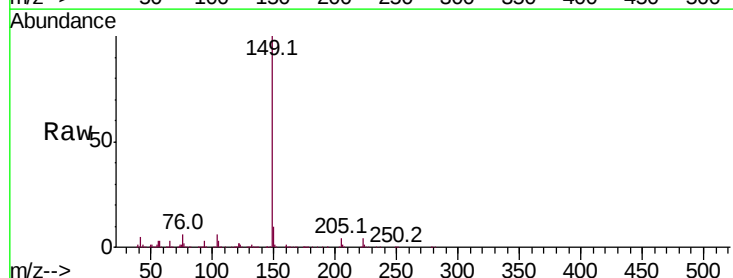
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BS

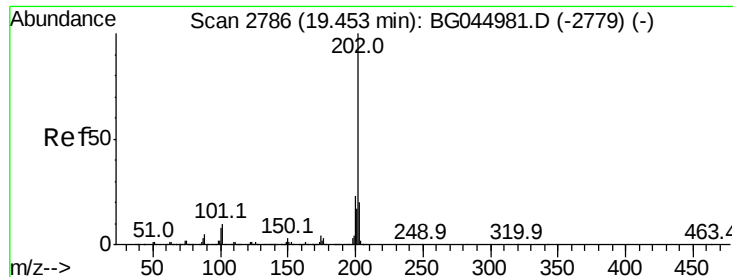
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.8	29.6
139	13.2	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 44.789 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG045190.D
 Acq: 28 Apr 2020 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	6.2	4.8	7.2





#75

Fluoranthene

Concen: 47.309 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

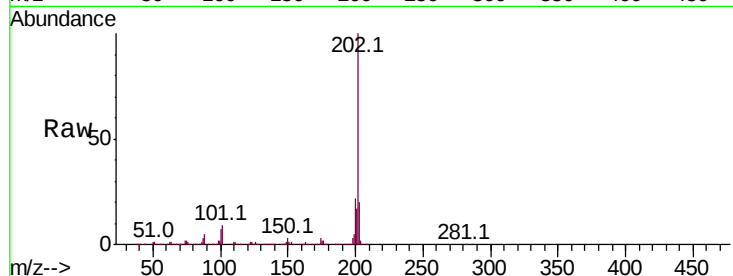
BNA_G

ClientSampleId :

PB128402BS

Tot Ion:202 Resp: 1287159

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.6
203	20.1	0.0	39.7

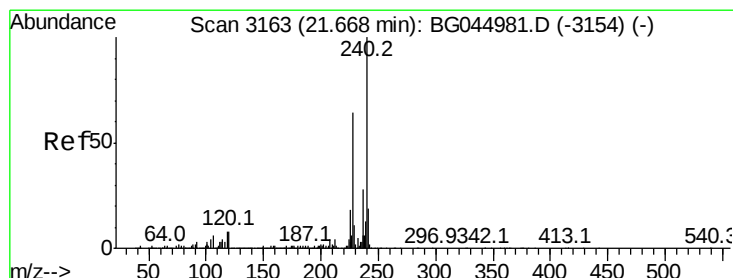
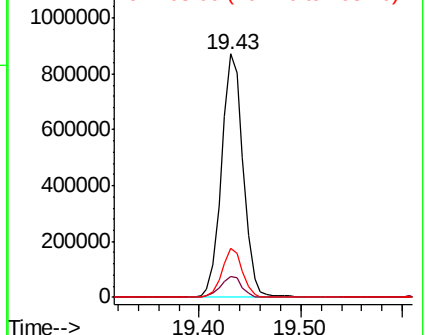
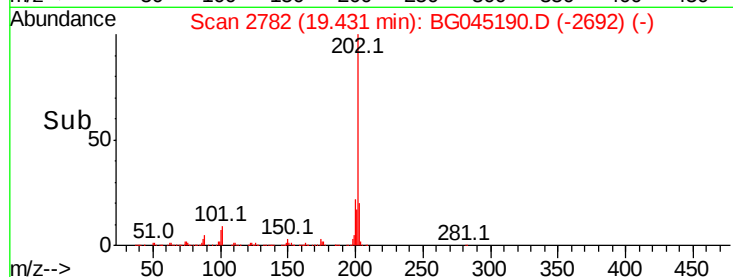


Abundance

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: 21.65 min Scan# 3159

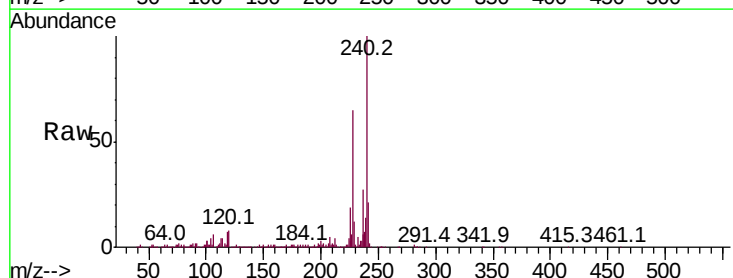
Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Tgt Ion:240 Resp: 440998

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.6	10.0
236	26.6	22.2	33.2

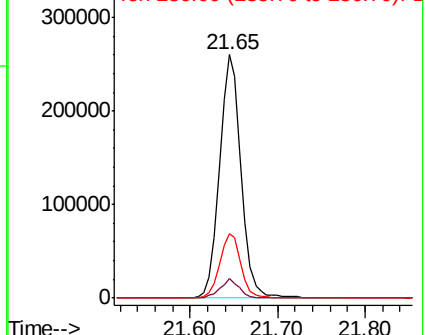
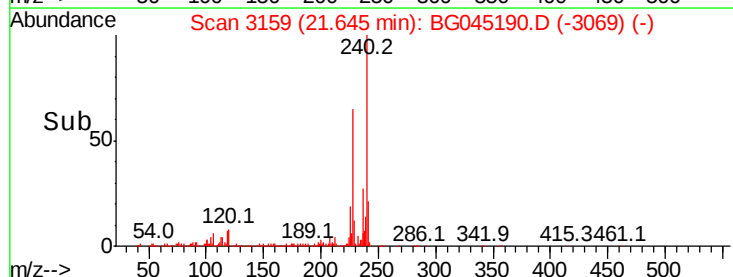


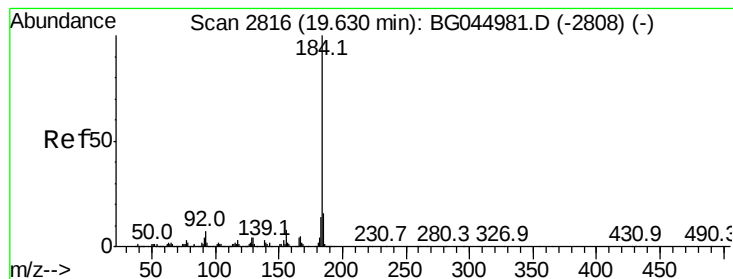
Abundance

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: 57.025 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

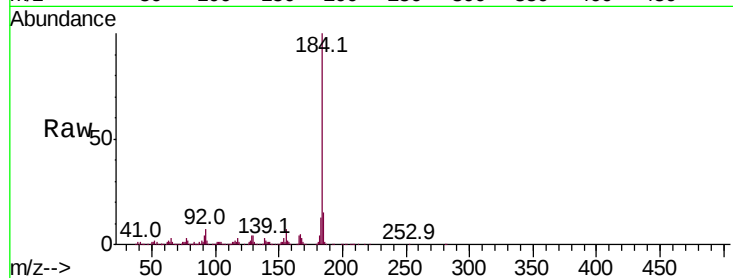
BNA_G

ClientSampleId :

PB128402BS

Tot Ion:184 Resp: 708060

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	19.0
183	13.1	11.3	16.9

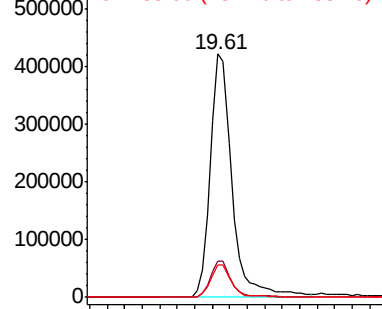


Abundance

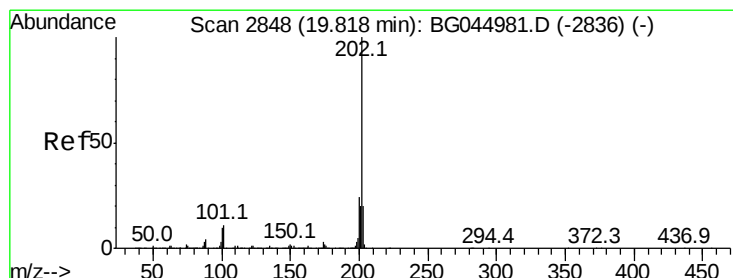
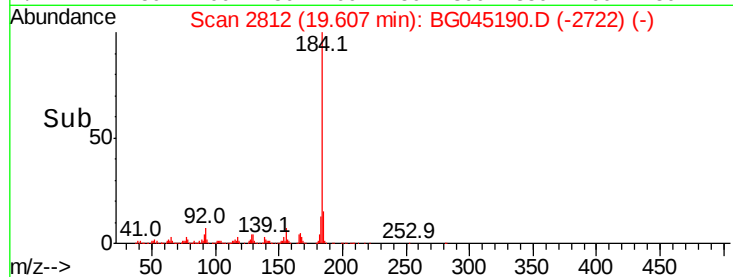
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 41.272 ng

RT: 19.79 min Scan# 2844

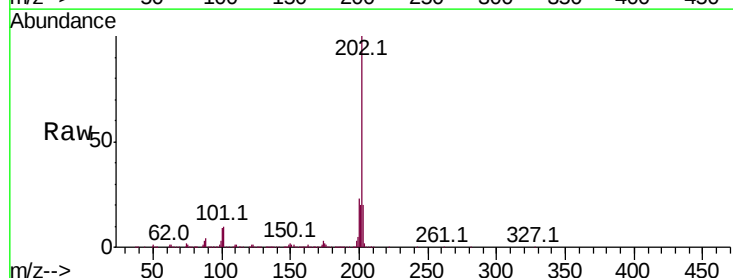
Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Tgt Ion:202 Resp: 1254784

Ion	Ratio	Lower	Upper
202	100		
200	22.8	19.0	28.6
203	19.8	16.1	24.1

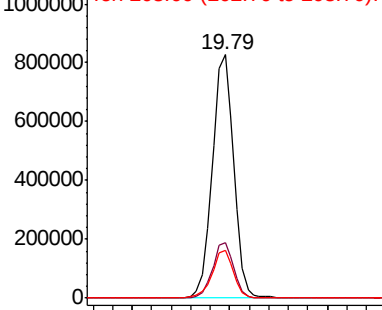


Abundance

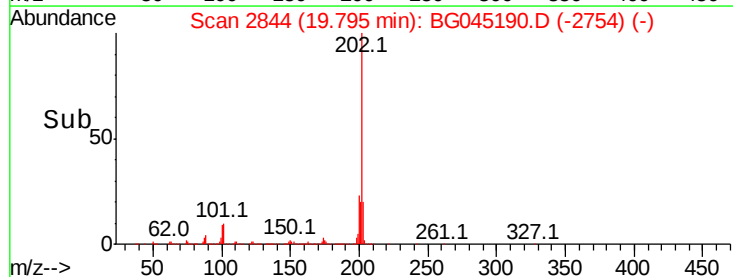
Ion 202.00 (201.70 to 202.70): E

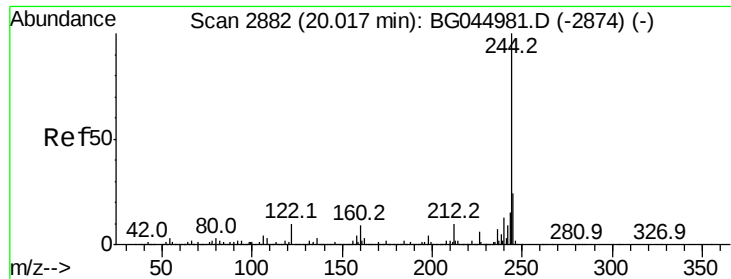
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 91.356 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

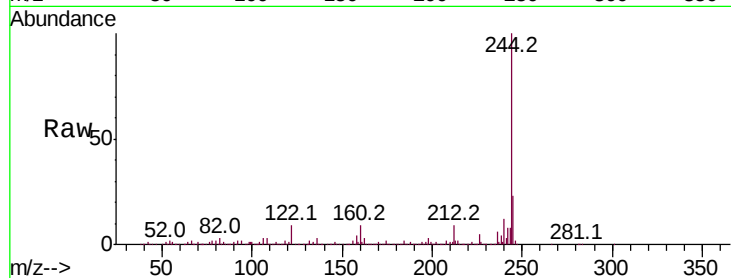
BNA_G

ClientSampleId :

PB128402BS

Tot Ion:244 Resp: 1848437

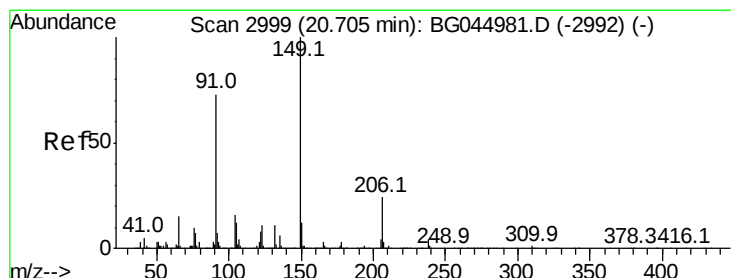
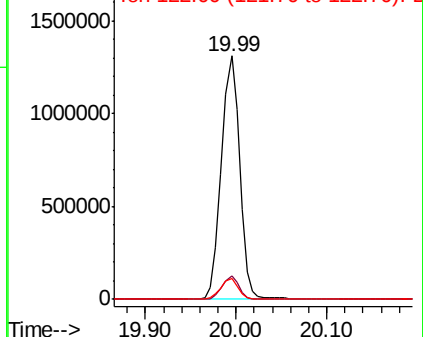
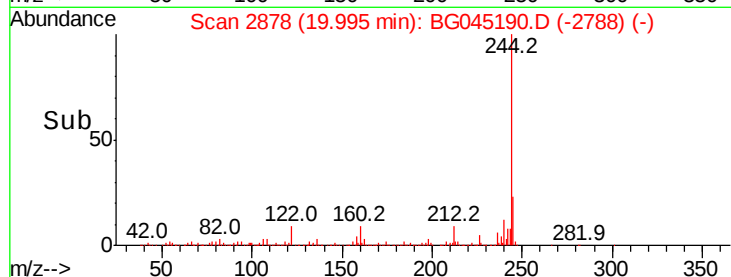
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	8.8	7.7	11.5



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: 41.153 ng

RT: 20.68 min Scan# 2995

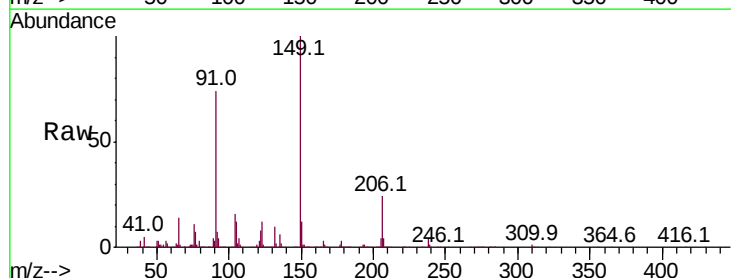
Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Tgt Ion:149 Resp: 518614

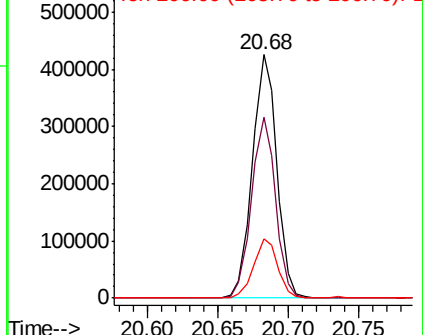
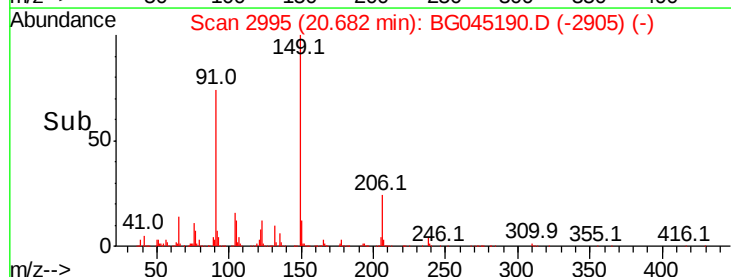
Ion	Ratio	Lower	Upper
149	100		
91	74.2	58.5	87.7
206	24.3	19.2	28.8

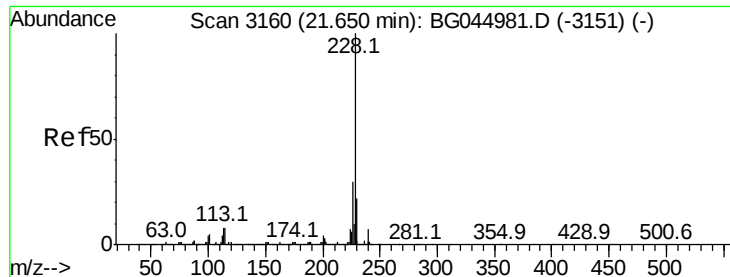


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.386 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

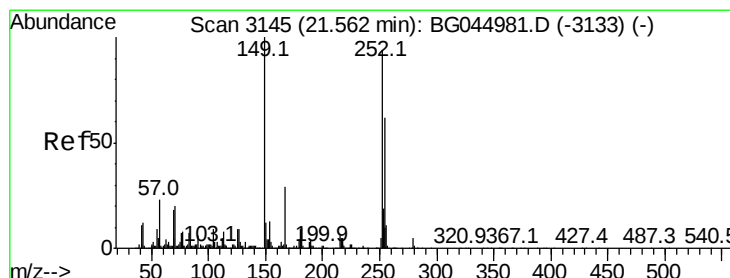
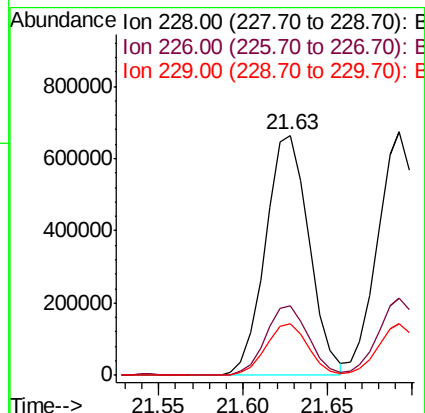
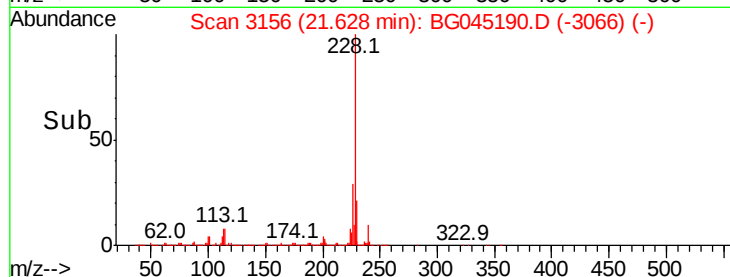
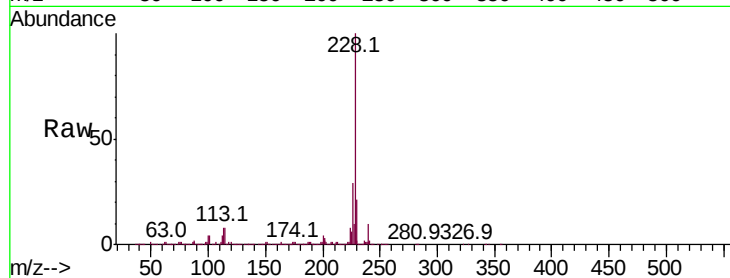
BNA_G

ClientSampleId :

PB128402BS

Tot Ion:228 Resp: 1182937

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.5	17.5	26.3



#82

3,3'-Dichlorobenzidine

Concen: 30.743 ng

RT: 21.54 min Scan# 3141

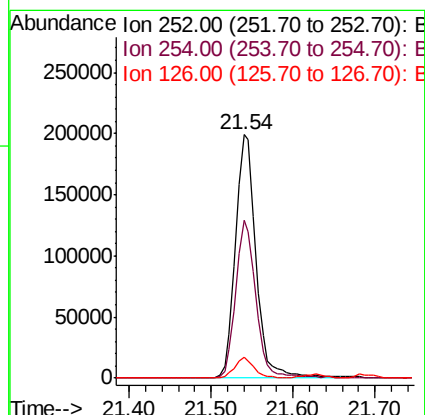
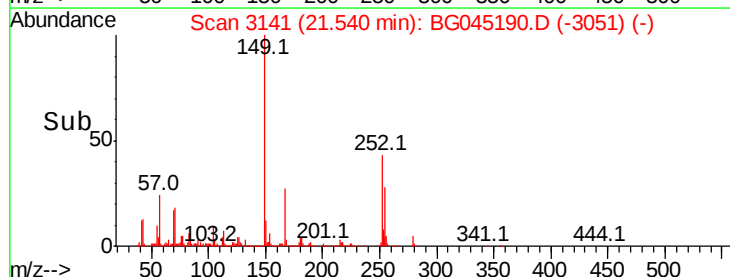
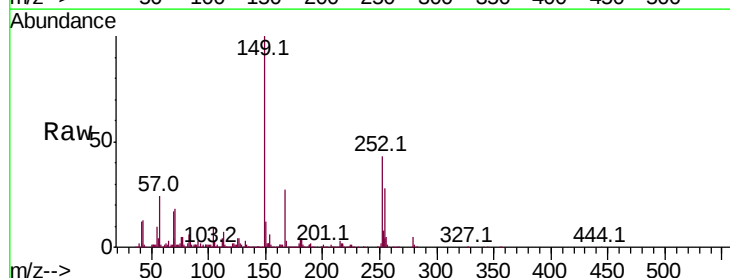
Delta R.T. -0.00 min

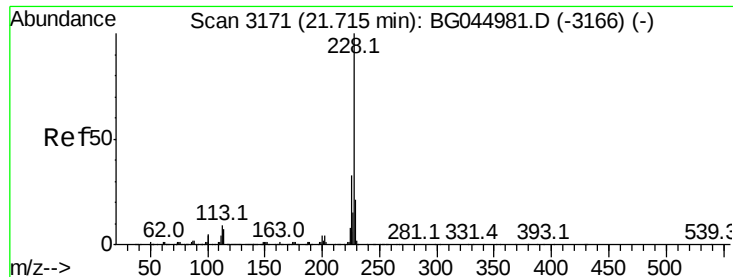
Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Tgt Ion:252 Resp: 349748

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	79.0
126	8.5	7.5	11.3





#83

Chrysene

Concen: 43.417 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

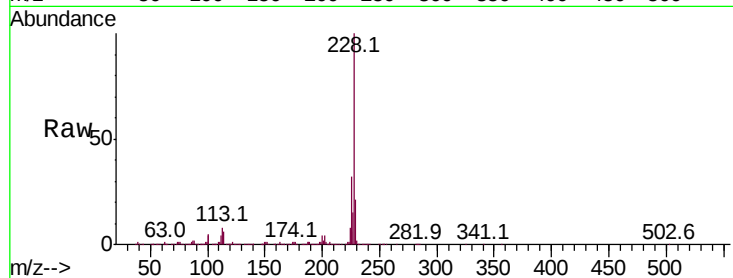
BNA_G

ClientSampleId :

PB128402BS

Tot Ion:228 Resp: 1192347

Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.2	39.4
229	21.4	17.0	25.6

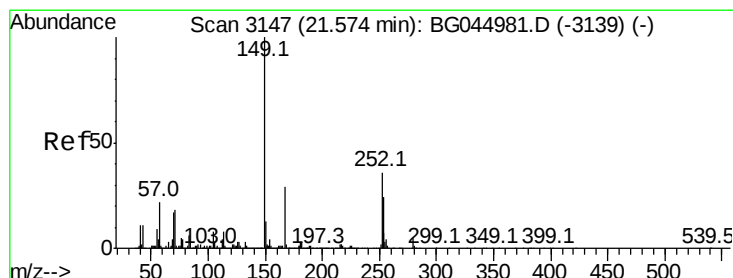
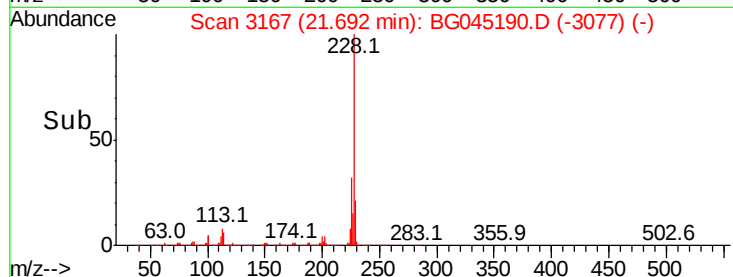
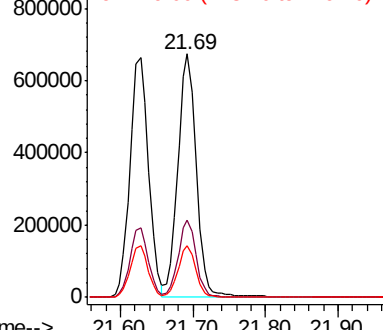


Abundance

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: 41.855 ng

RT: 21.55 min Scan# 3142

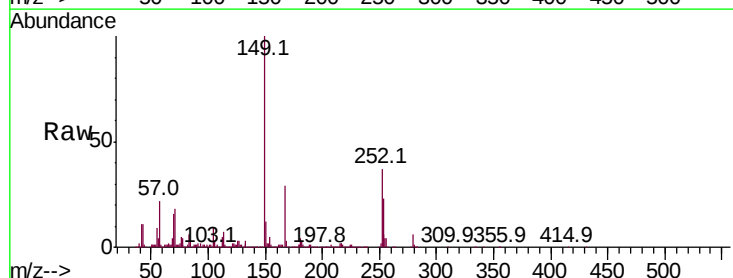
Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Tgt Ion:149 Resp: 725456

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	5.6	4.3	6.5

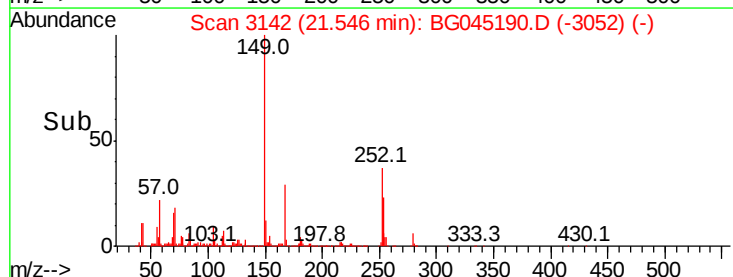
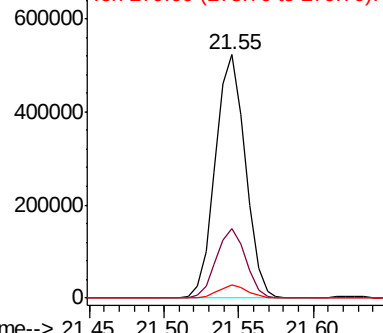


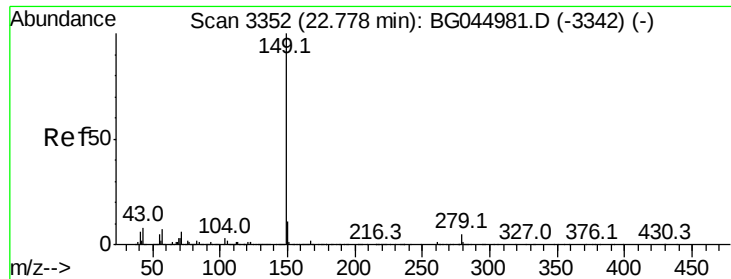
Abundance

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: 41.502 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

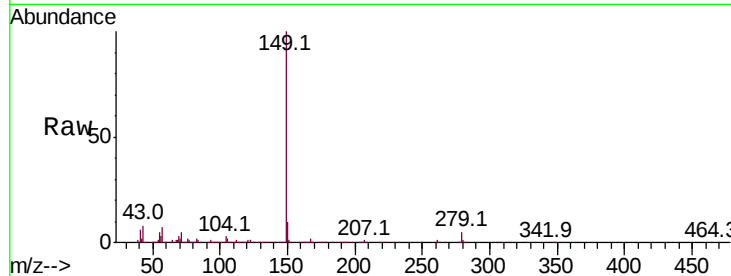
Tot Ion:149 Resp: 1243922

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

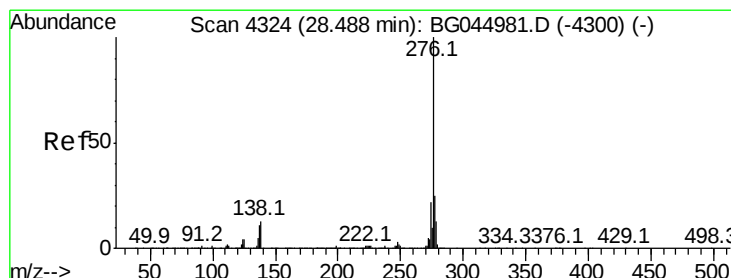
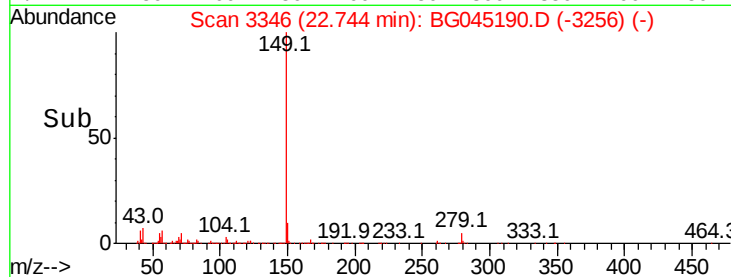
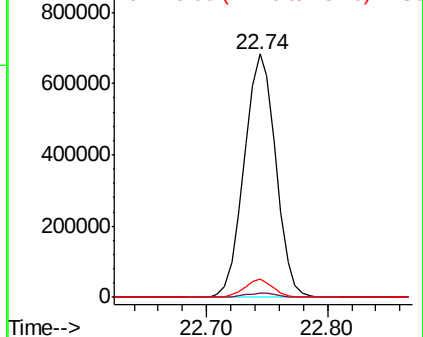
43 6.9 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.127 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.01 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

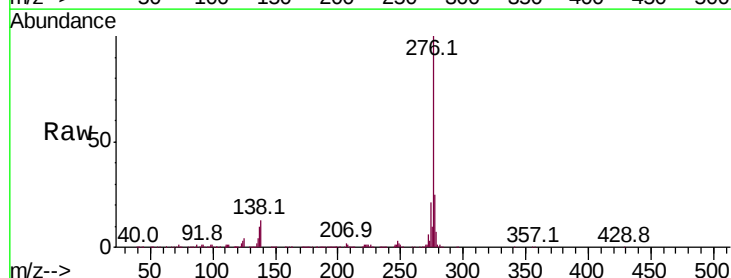
Tgt Ion:276 Resp: 1536042

Ion Ratio Lower Upper

276 100

138 7.0 9.6 14.4#

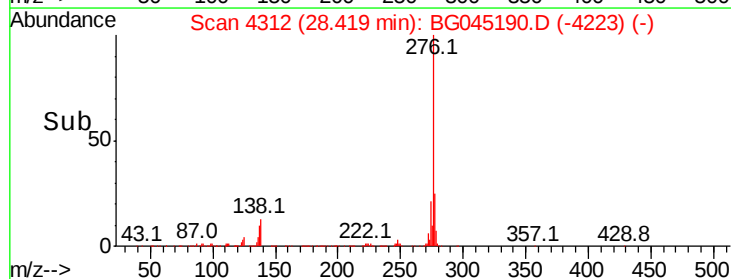
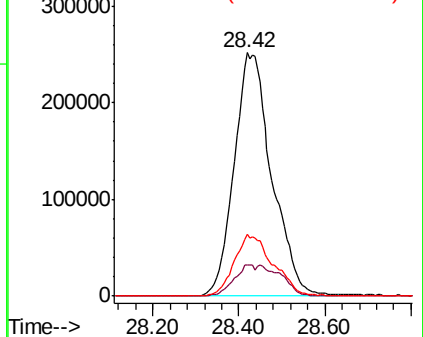
277 26.0 20.6 31.0

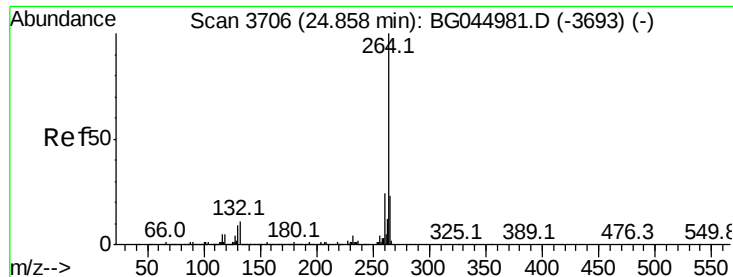


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

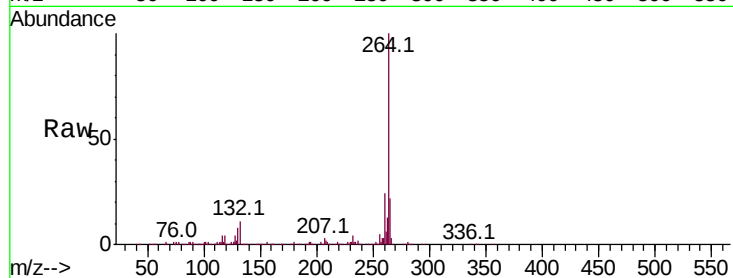
Tot Ion:264 Resp: 491860

Ion Ratio Lower Upper

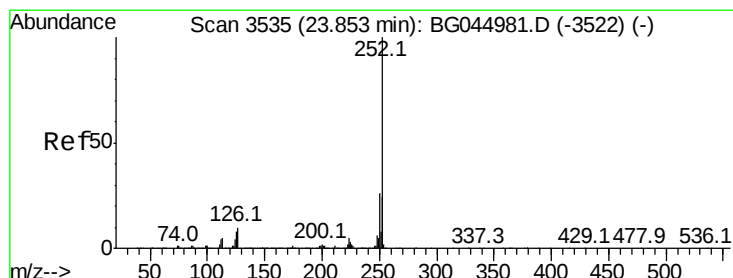
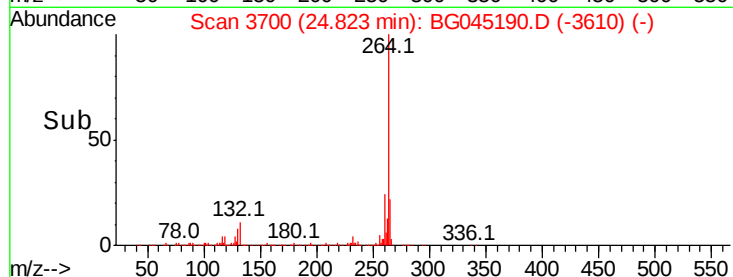
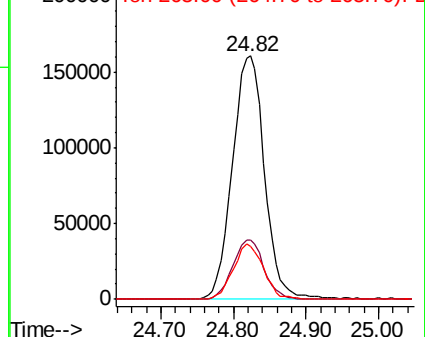
264 100

260 24.5 19.2 28.8

265 21.8 19.0 28.4



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



#88

Benzo(b)fluoranthene

Concen: 41.690 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

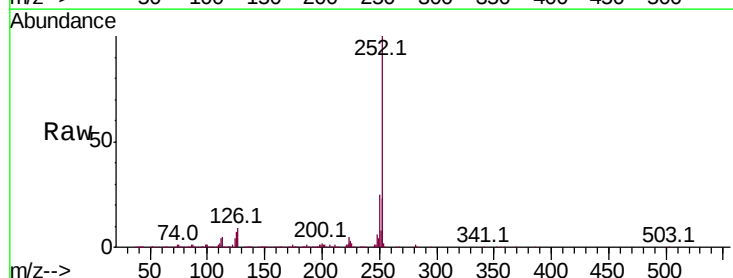
Tgt Ion:252 Resp: 1284462

Ion Ratio Lower Upper

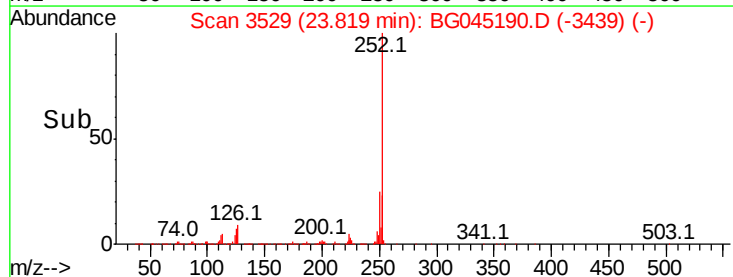
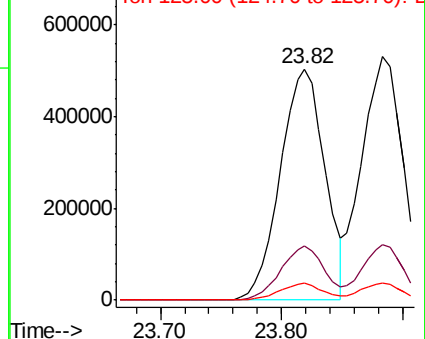
252 100

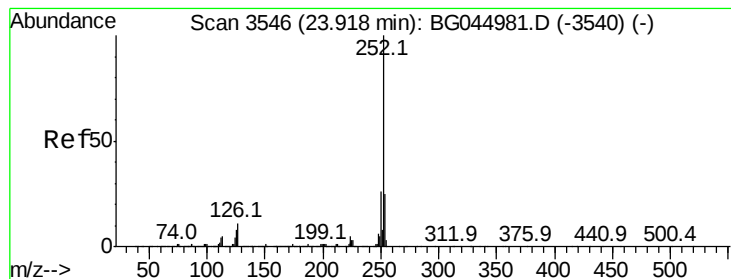
253 23.3 18.8 28.2

125 7.3 6.2 9.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.025 ng

RT: 23.88 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

BNA_G

ClientSampleId :

PB128402BS

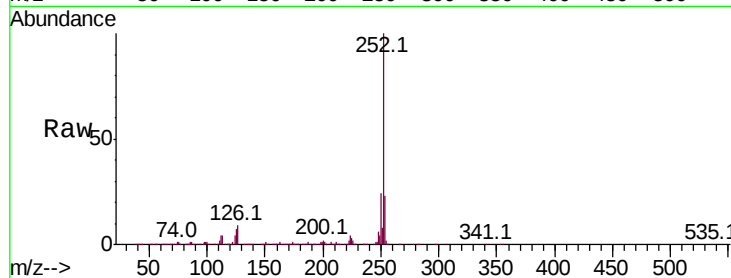
Tot Ion:252 Resp: 1289952

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	6.8	5.9	8.9

252 100

253 22.9 19.2 28.8

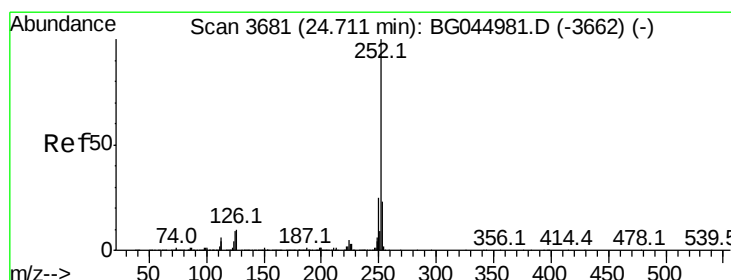
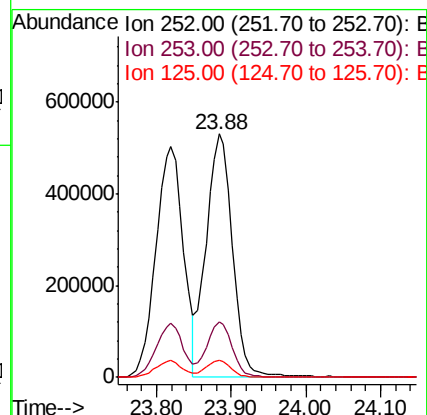
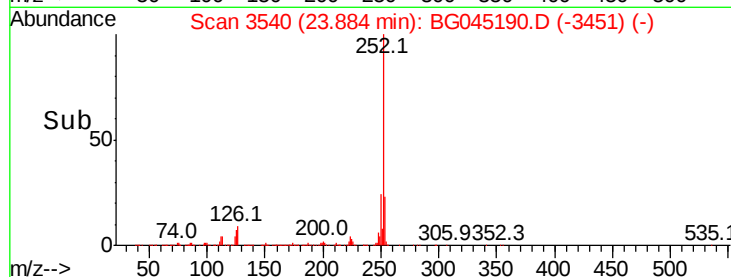
125 6.8 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.397 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

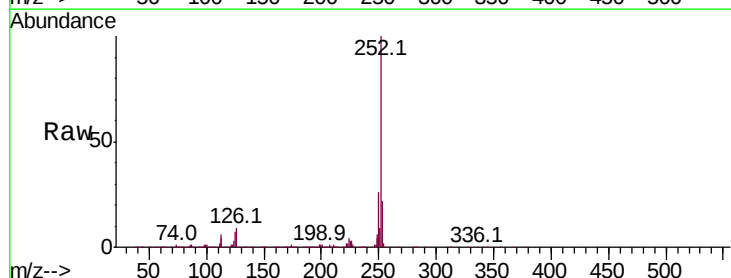
Tgt Ion:252 Resp: 1204216

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	7.4	7.0	10.6

252 100

253 21.7 18.3 27.5

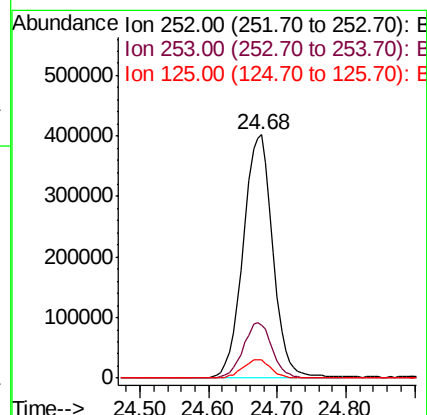
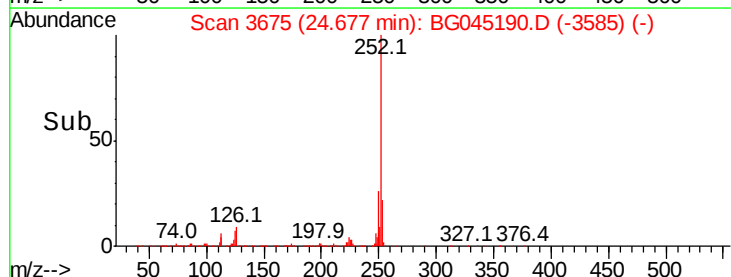
125 7.4 7.0 10.6

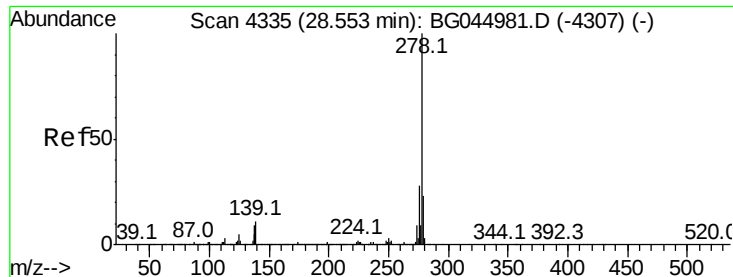


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.749 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.01 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Instrument :

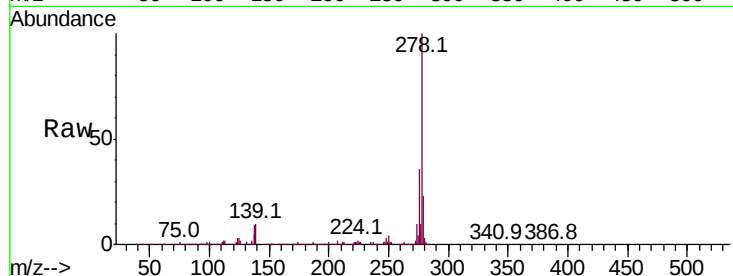
BNA_G

ClientSampleId :

PB128402BS

Tot Ion:278 Resp: 1253060

Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.0	13.6
279	23.1	18.4	27.6

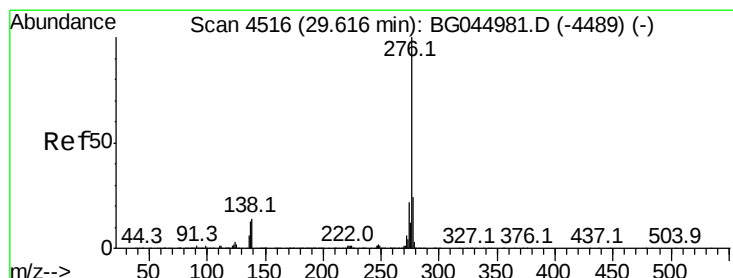
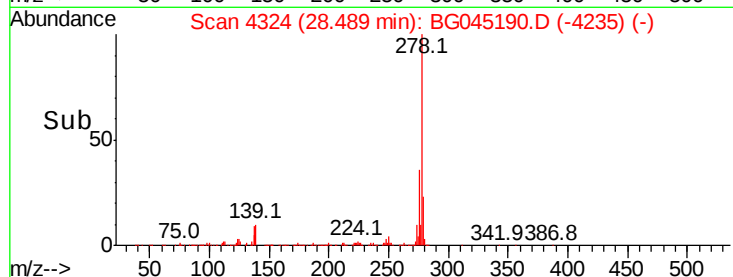
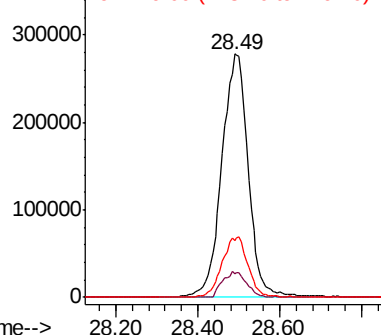


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.276 ng

RT: 29.55 min Scan# 4505

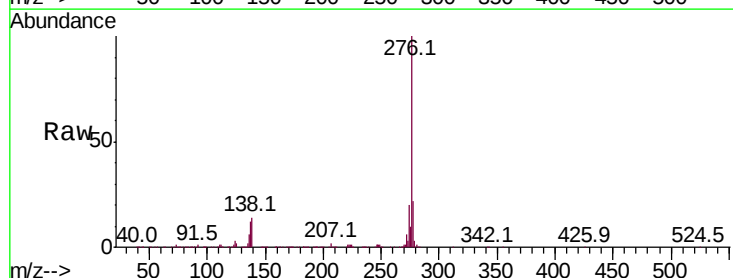
Delta R.T. -0.00 min

Lab File: BG045190.D

Acq: 28 Apr 2020 18:13

Tgt Ion:276 Resp: 1242360

Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.3	28.9
138	13.7	11.4	17.2



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

