

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042420\
 Data File : BG045159.D
 Acq On : 24 Apr 2020 13:42
 Operator : CG/JU
 Sample : PB128463BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Quant Time: Apr 24 14:19:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 13:00:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	64117	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	256072	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	185516	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	449779	20.00	ng	0.00
76) Chrysene-d12	21.65	240	435446	20.00	ng	0.00
87) Perylene-d12	24.82	264	485758	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	498784	128.43	ng	0.00
7) Phenol-d6	7.17	99	696340	120.68	ng	0.00
23) Nitrobenzene-d5	9.16	82	437582	77.97	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	336247	117.32	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1009859	79.82	ng	0.00
79) Terphenyl-d14	20.00	244	1827641	91.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	64759	37.521	ng	97
3) Pyridine	3.86	79	184168	34.656	ng	93
4) n-Nitrosodimethylamine	3.77	42	71445	43.887	ng	# 90
6) Aniline	7.32	93	238084	31.735	ng	98
8) 2-Chlorophenol	7.57	128	193602	46.384	ng	98
9) Benzaldehyde	7.13	77	93325	25.236	ng	95
10) Phenol	7.19	94	265416	45.967	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	180437	39.249	ng	99
12) 1,3-Dichlorobenzene	7.89	146	210712	42.842	ng	98
13) 1,4-Dichlorobenzene	8.03	146	211131	43.081	ng	99
14) 1,2-Dichlorobenzene	8.36	146	202758	43.245	ng	96
15) Benzyl Alcohol	8.24	79	196371	40.591	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	166049	36.796	ng	96
17) 2-Methylphenol	8.45	107	174638	39.201	ng	94
18) Hexachloroethane	9.09	117	81690	44.339	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	159478	39.081	ng	98
20) 3+4-Methylphenols	8.77	107	243380	39.030	ng	97
22) Acetophenone	8.82	105	296302	42.788	ng	# 97
24) Nitrobenzene	9.20	77	241442	41.971	ng	95
25) Isophorone	9.73	82	448879	39.058	ng	98
26) 2-Nitrophenol	9.91	139	113431	45.777	ng	100
27) 2,4-Dimethylphenol	9.98	122	178637	45.435	ng	94
28) bis(2-Chloroethoxy)methane	10.21	93	254567	42.158	ng	97
29) 2,4-Dichlorophenol	10.45	162	202553	44.616	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	217473	42.309	ng	98
31) Naphthalene	10.86	128	599837	42.820	ng	97
32) Benzoic acid	10.12	122	97318	32.945	ng	93
33) 4-Chloroaniline	10.96	127	133745	20.472	ng	98
34) Hexachlorobutadiene	11.15	225	149298	42.364	ng	97
35) Caprolactam	11.73	113	38230	21.158	ng	88
36) 4-Chloro-3-methylphenol	12.09	107	230318	43.186	ng	95
37) 2-Methylnaphthalene	12.46	142	454140	41.767	ng	95
38) 1-Methylnaphthalene	12.68	142	433711	42.253	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	246560	41.278	ng	99

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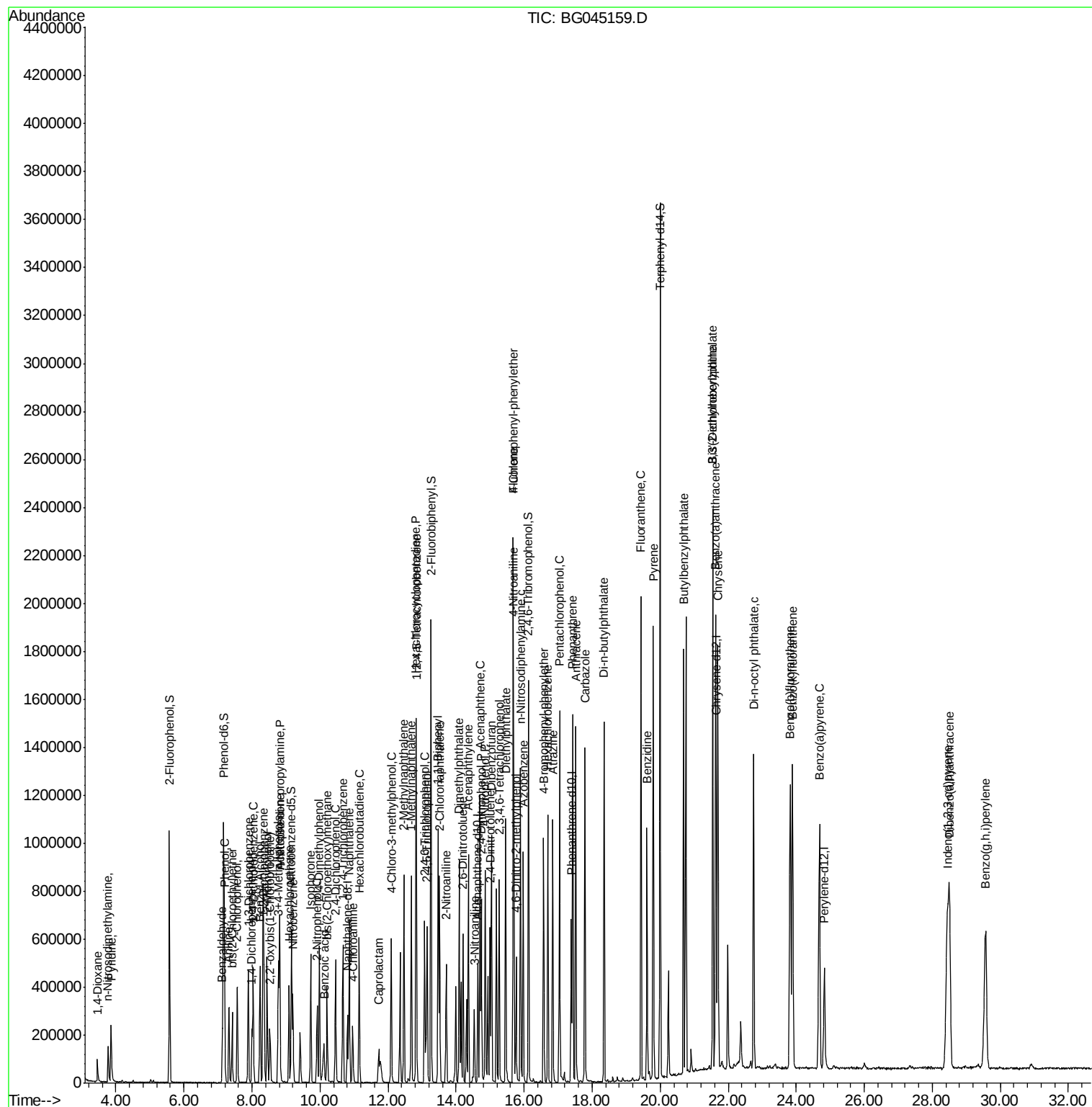
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	372642	99.816	ng	100
43) 2,4,6-Trichlorophenol	13.07	196	186162	44.160	ng	98
44) 2,4,5-Trichlorophenol	13.14	196	198755	41.420	ng	98
46) 1,1'-Biphenyl	13.47	154	574615	40.751	ng	100
47) 2-Chloronaphthalene	13.52	162	454189	42.155	ng	99
48) 2-Nitroaniline	13.71	65	153787	43.382	ng	95
49) Acenaphthylene	14.36	152	740139	42.174	ng	99
50) Dimethylphthalate	14.09	163	633296	41.925	ng	98
51) 2,6-Dinitrotoluene	14.21	165	146288	43.297	ng	96
52) Acenaphthene	14.70	154	466923	39.323	ng	99
53) 3-Nitroaniline	14.54	138	86352	23.303	ng	96
54) 2,4-Dinitrophenol	14.74	184	188416	93.783	ng	97
55) Dibenzofuran	15.04	168	726849	41.987	ng	98
56) 4-Nitrophenol	14.85	139	246154	85.672	ng	96
57) 2,4-Dinitrotoluene	15.00	165	208292	42.185	ng	99
58) Fluorene	15.69	166	603949	42.711	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	195225	45.724	ng	98
60) Diethylphthalate	15.46	149	653919	41.521	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	331069	40.677	ng	98
62) 4-Nitroaniline	15.70	138	154350	40.159	ng	94
63) Azobenzene	15.97	77	618559	42.600	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	140646	47.573	ng	98
66) n-Nitrosodiphenylamine	15.89	169	551350	42.664	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	229344	39.525	ng	97
68) Hexachlorobenzene	16.70	284	254977	42.370	ng	100
69) Atrazine	16.84	200	236030	50.678	ng	100
70) Pentachlorophenol	17.04	266	305208	82.673	ng	99
71) Phenanthrene	17.43	178	1000731	43.297	ng	100
72) Anthracene	17.52	178	1028450	44.359	ng	99
73) Carbazole	17.79	167	976762	41.515	ng	99
74) Di-n-butylphthalate	18.35	149	1163481	45.495	ng	99
75) Fluoranthene	19.44	202	1289367	47.853	ng	98
77) Benzidine	19.61	184	656748	53.151	ng	98
78) Pyrene	19.80	202	1279182	42.611	ng	99
80) Butylbenzylphthalate	20.69	149	530655	42.645	ng	98
81) Benzo(a)anthracene	21.63	228	1210256	42.882	ng	98
82) 3,3'-Dichlorobenzidine	21.55	252	273103	24.312	ng	99
83) Chrysene	21.70	228	1172133	43.225	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	728791	42.584	ng	98
85) Di-n-octyl phthalate	22.75	149	1237710	41.822	ng	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	1544843	42.909	ng	# 97
88) Benzo(b)fluoranthene	23.82	252	1309536	43.038	ng	97
89) Benzo(k)fluoranthene	23.89	252	1287991	44.511	ng	99
90) Benzo(a)pyrene	24.68	252	1212349	42.200	ng	98
91) Dibenzo(a,h)anthracene	28.50	278	1260985	43.560	ng	97
92) Benzo(g,h,i)perylene	29.56	276	1247563	42.987	ng	98

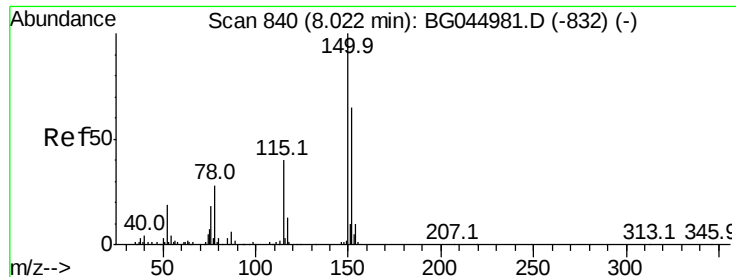
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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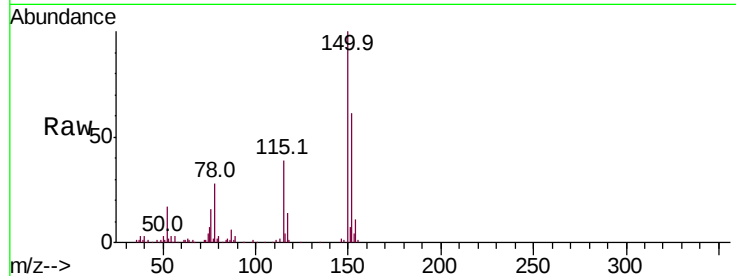


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	123.6	185.4
115	64.3	49.1	73.7

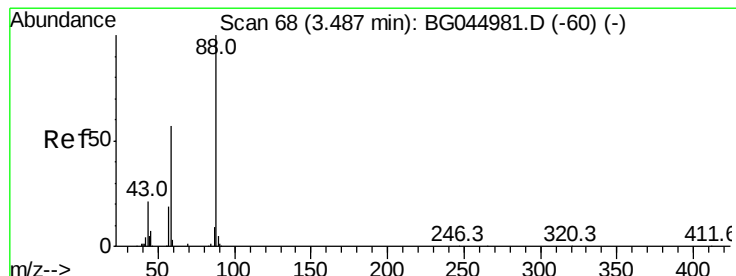
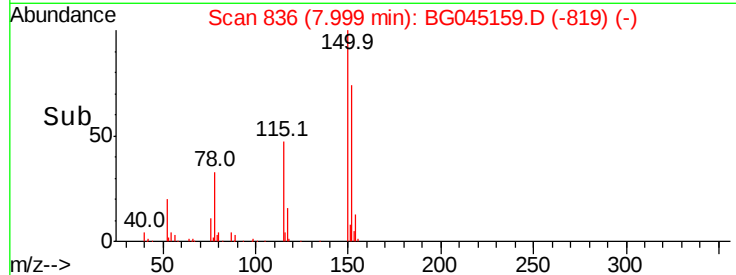
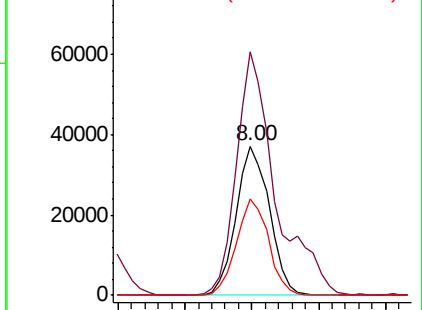


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

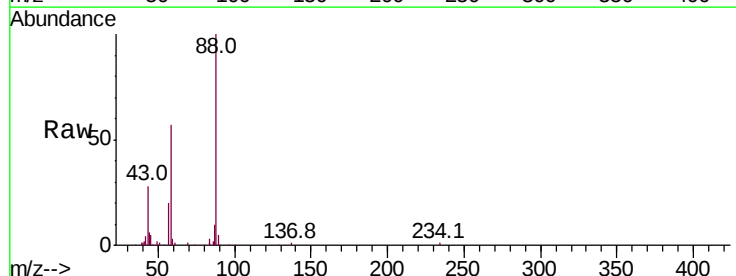
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.521 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	46.6	69.8
43	23.5	17.5	26.3

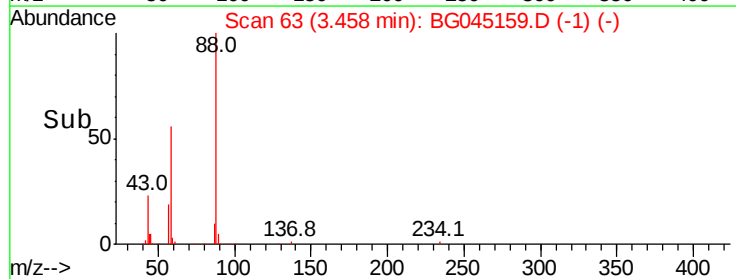
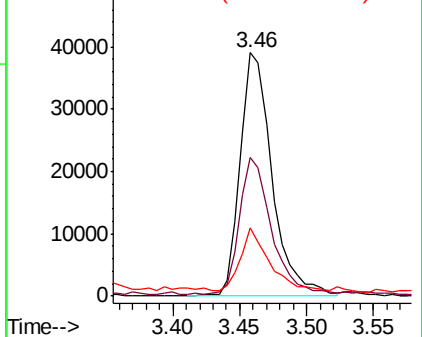


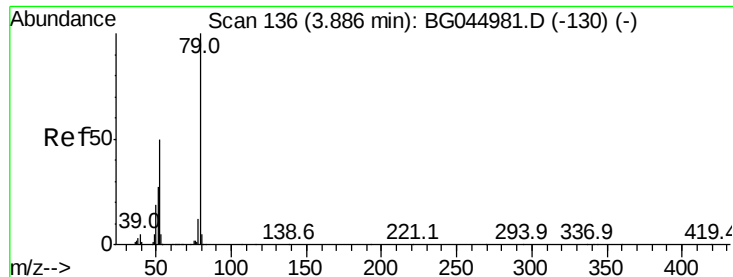
Abundance

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: 34.656 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

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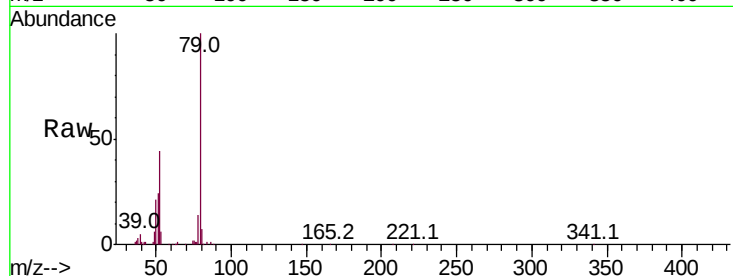
Tot Ion: 79 Resp: 184168

Ion Ratio Lower Upper

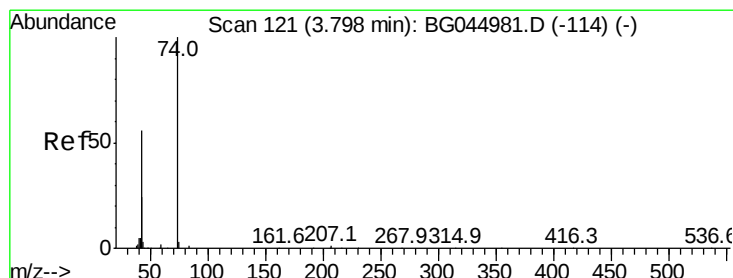
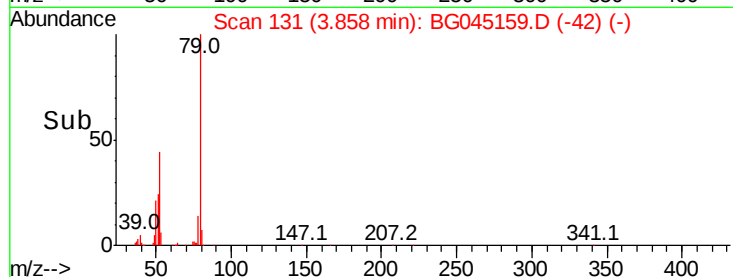
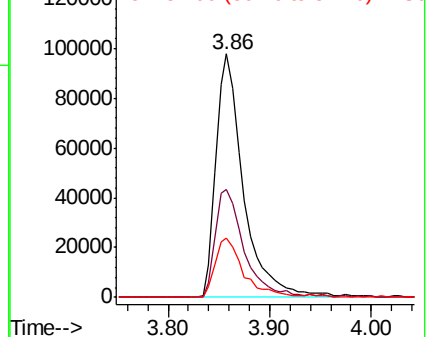
79 100

52 44.1 39.8 59.6

51 24.1 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: 43.887 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

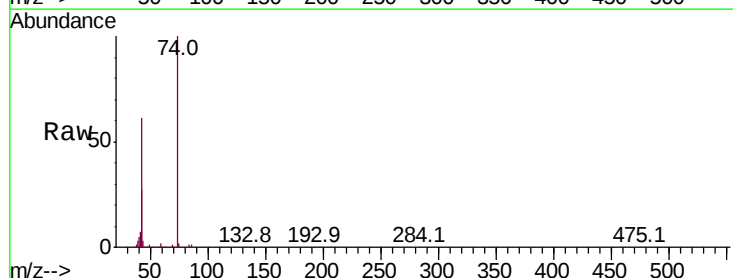
Tgt Ion: 42 Resp: 71445

Ion Ratio Lower Upper

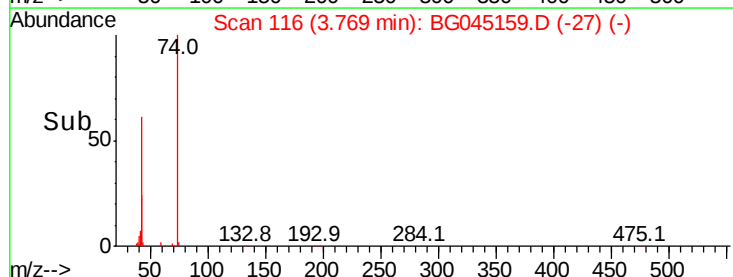
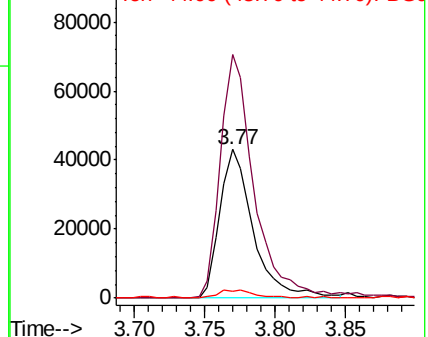
42 100

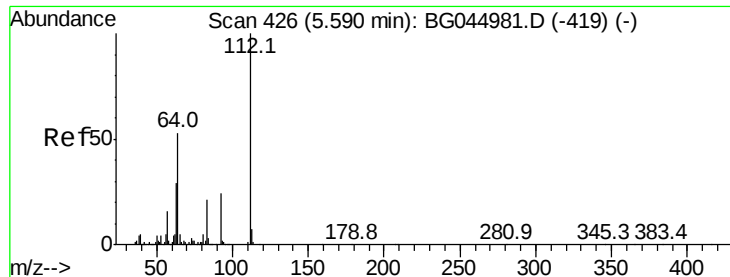
74 163.8 143.0 214.6

44 4.5 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: 128.432 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

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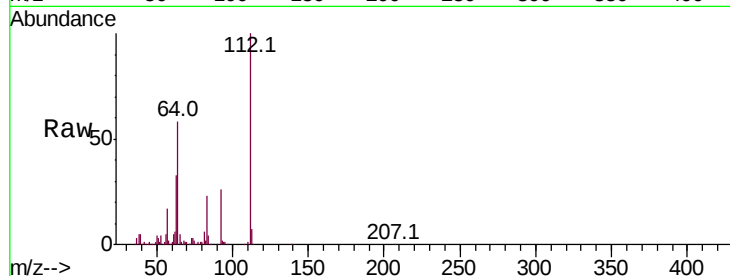
Tot Ion:112 Resp: 498784

Ion Ratio Lower Upper

112 100

64 57.8 42.4 63.6

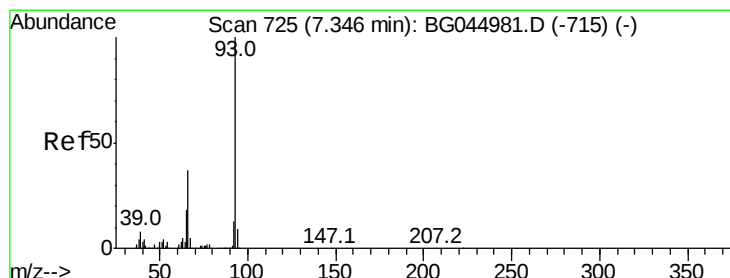
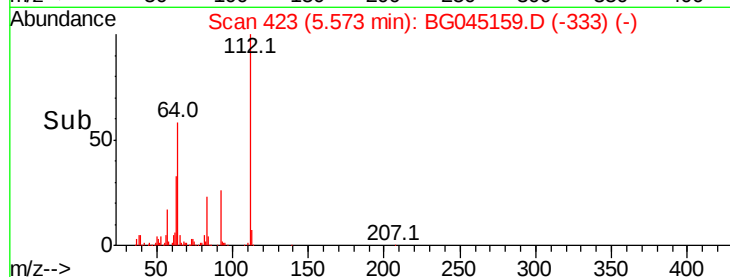
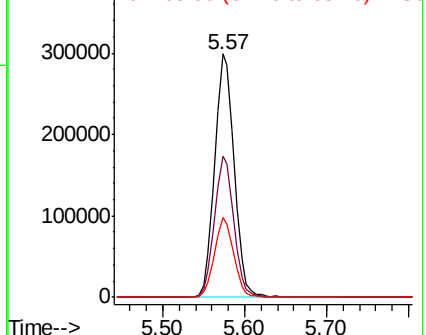
63 32.8 23.1 34.7



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: 31.735 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

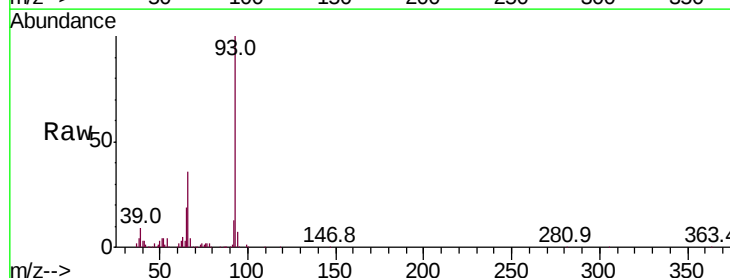
Tgt Ion: 93 Resp: 238084

Ion Ratio Lower Upper

93 100

66 36.1 29.8 44.8

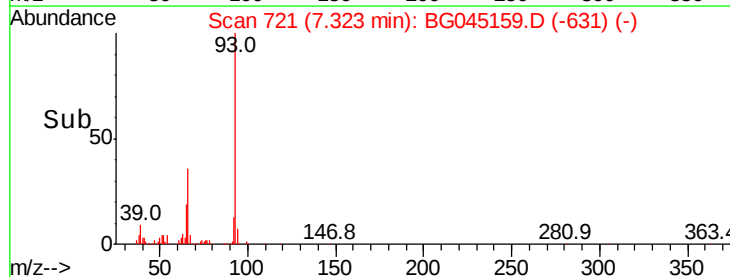
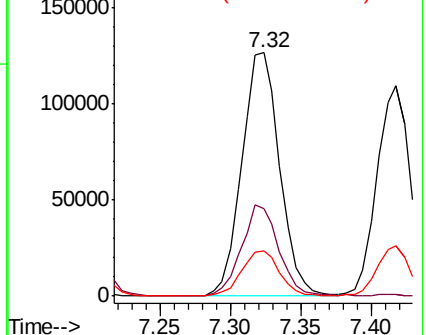
65 18.7 14.6 22.0



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: 120.680 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045159.D

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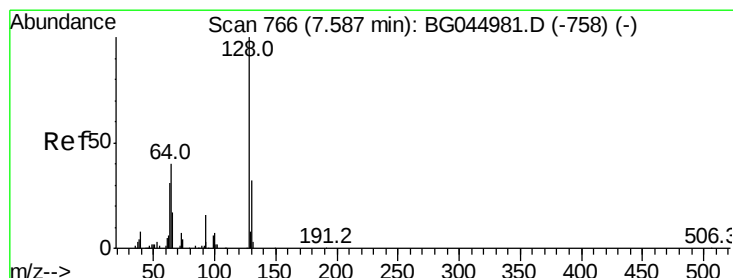
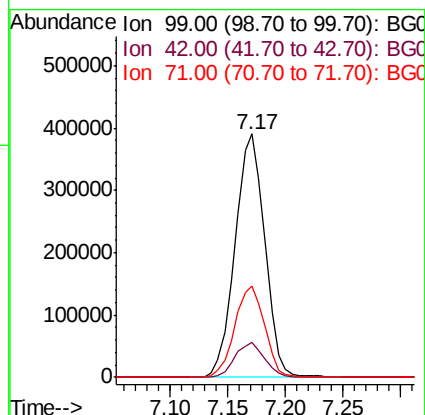
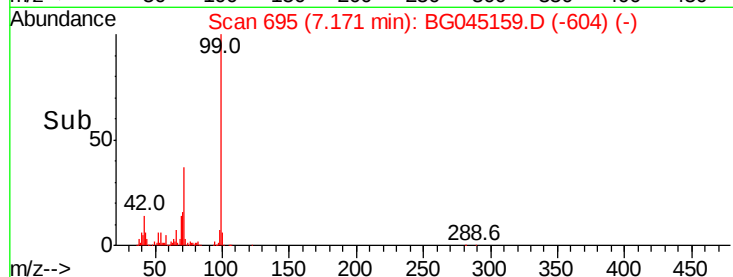
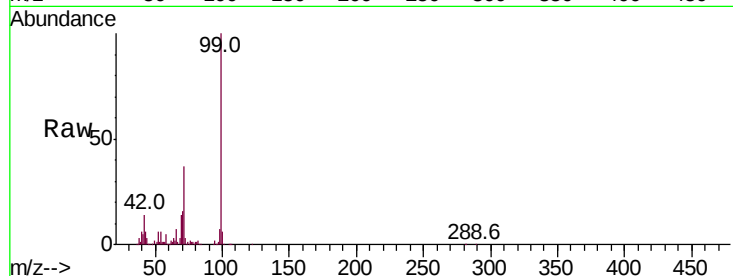
Tot Ion: 99 Resp: 696340

Ion Ratio Lower Upper

99 100

42 14.4 11.3 16.9

71 37.5 28.3 42.5



#8

2-Chlorophenol

Concen: 46.384 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

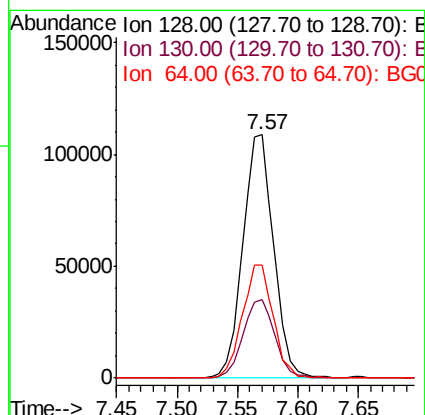
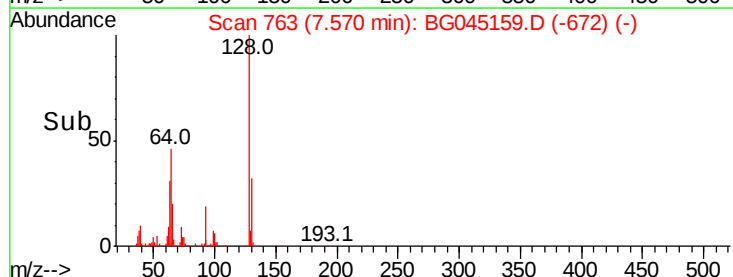
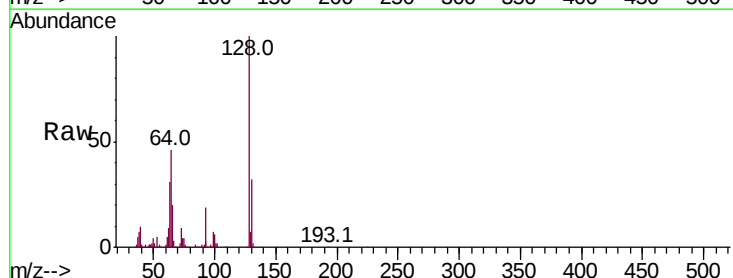
Tgt Ion: 128 Resp: 193602

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 46.2 24.4 64.4





#9

Benzaldehyde

Concen: 25.236 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

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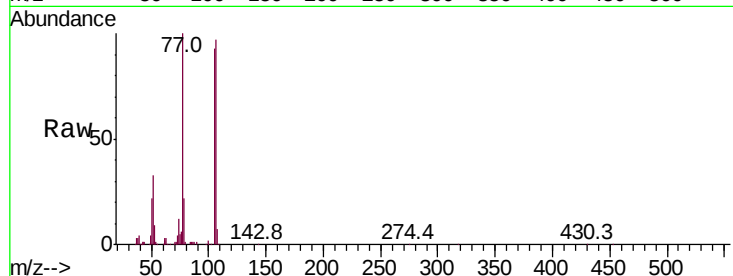
Tot Ion: 77 Resp: 93325

Ion Ratio Lower Upper

77 100

105 93.2 72.9 112.9

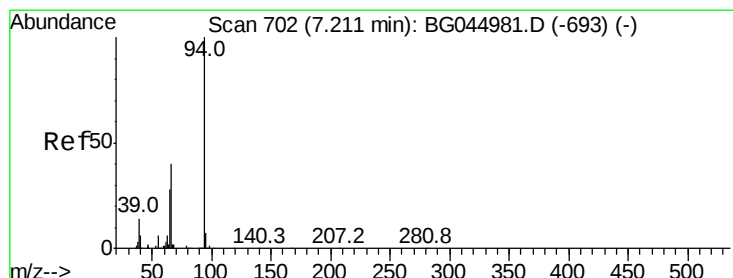
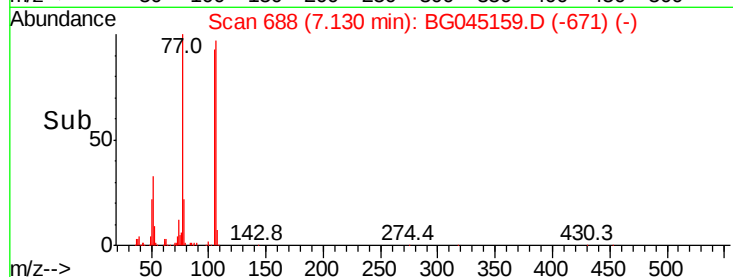
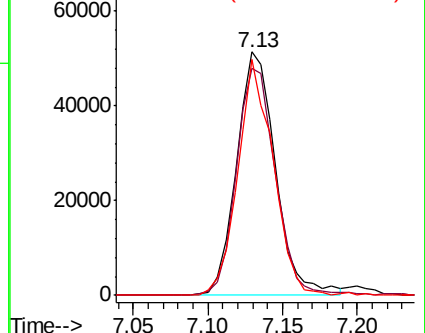
106 96.7 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.967 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

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Acq: 24 Apr 2020 13:42

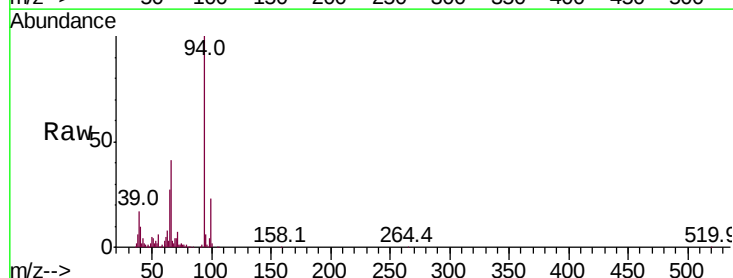
Tgt Ion: 94 Resp: 265416

Ion Ratio Lower Upper

94 100

65 27.5 8.2 48.2

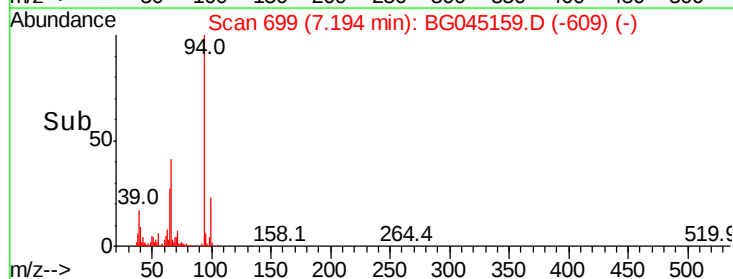
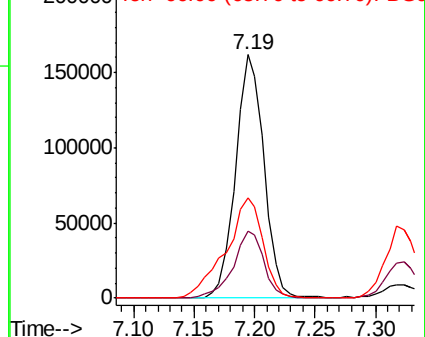
66 41.4 20.4 60.4

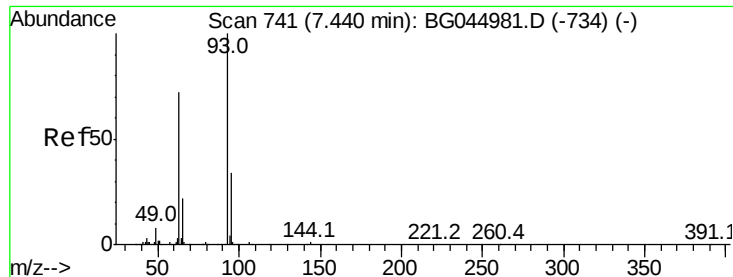


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



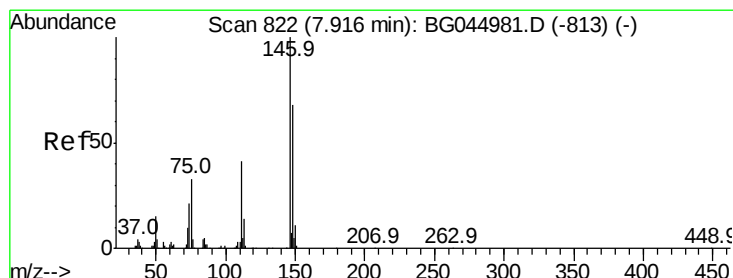
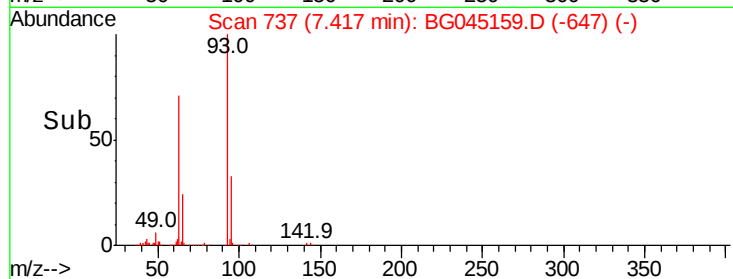
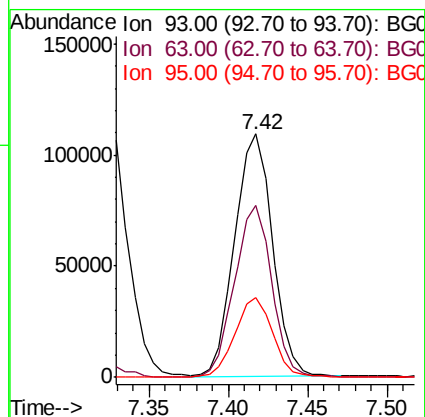
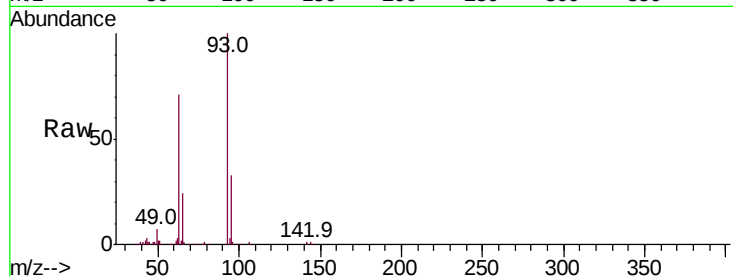


#11
 bis(2-Chloroethyl)ether
 Concen: 39.249 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampled :
 PB128463BS

Tot Ion: 93 Resp: 180437

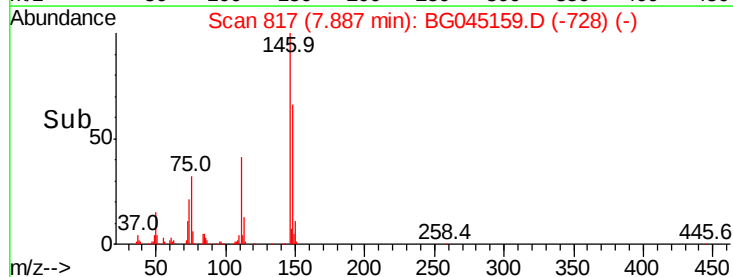
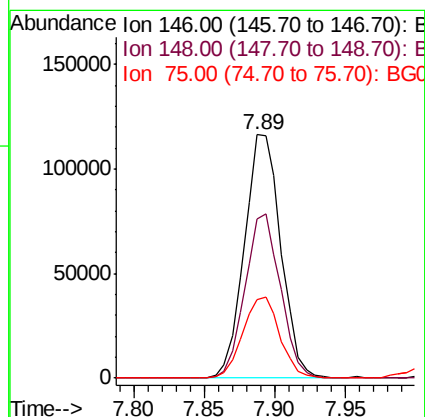
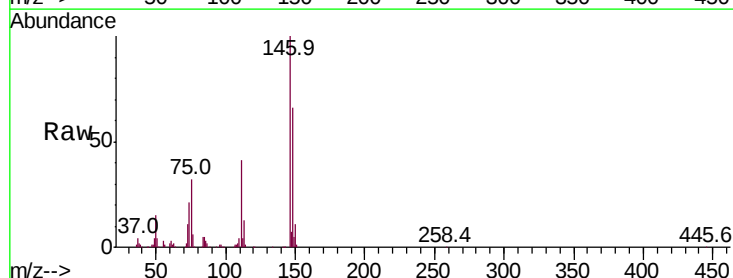
Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.8	91.8
95	32.9	13.8	53.8

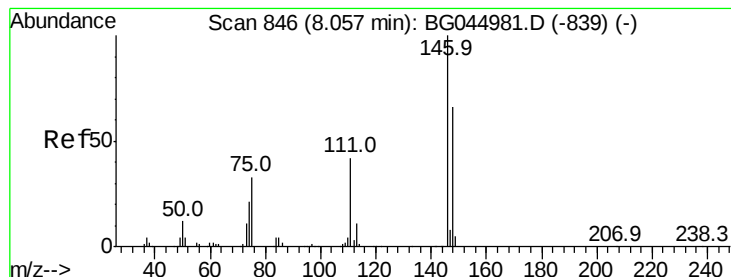


#12
 1,3-Dichlorobenzene
 Concen: 42.842 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion: 146 Resp: 210712

Ion	Ratio	Lower	Upper
146	100		
148	65.6	54.6	81.8
75	32.2	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 43.081 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

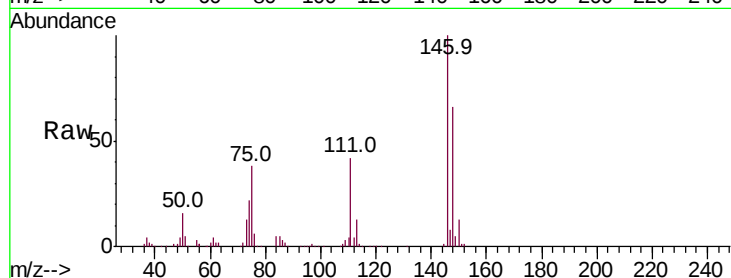
Tot Ion:146 Resp: 211131

Ion Ratio Lower Upper

146 100

148 66.1 53.3 79.9

111 41.8 33.8 50.8

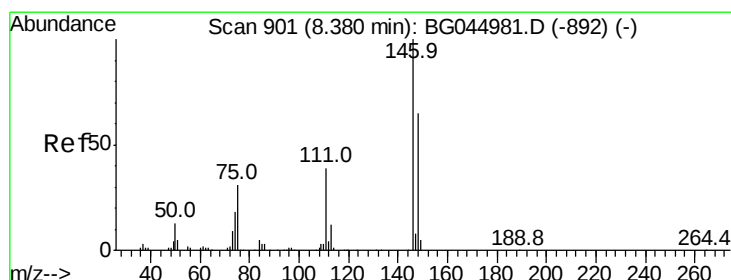
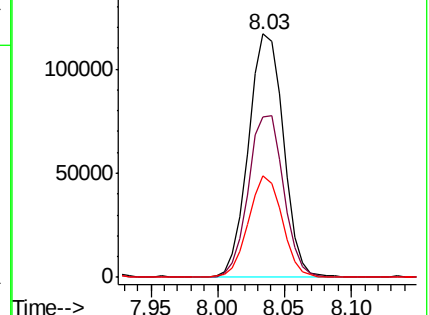
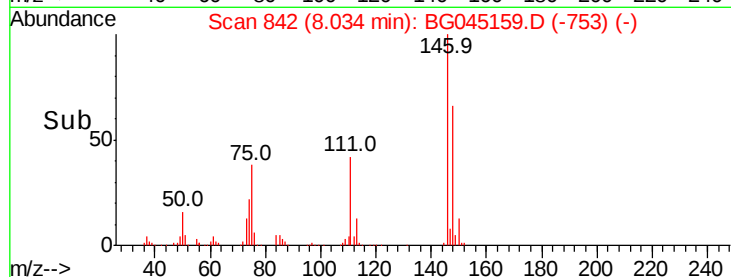


Abundance

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: 43.245 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

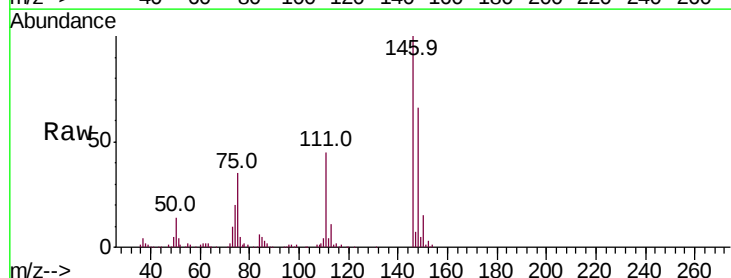
Tgt Ion:146 Resp: 202758

Ion Ratio Lower Upper

146 100

148 66.3 51.9 77.9

111 44.6 31.3 46.9

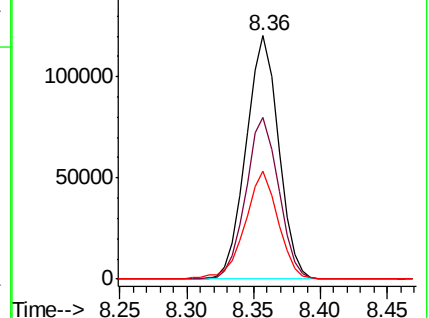
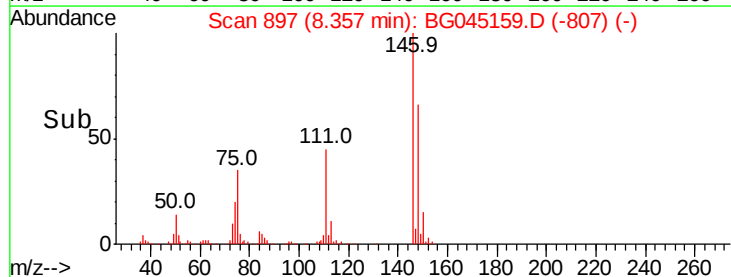


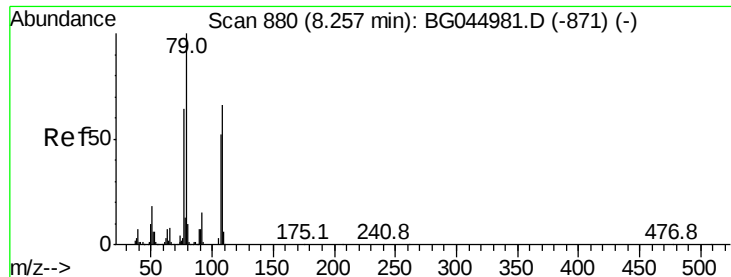
Abundance

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: 40.591 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleID :

PB128463BS

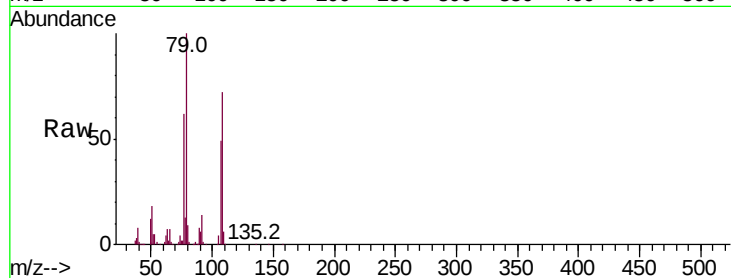
Tot Ion: 79 Resp: 196371

Ion Ratio Lower Upper

79 100

108 72.2 52.7 79.1

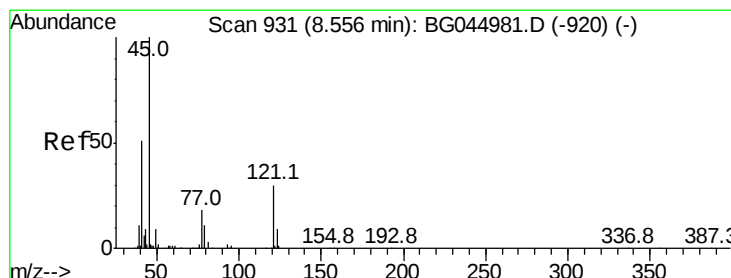
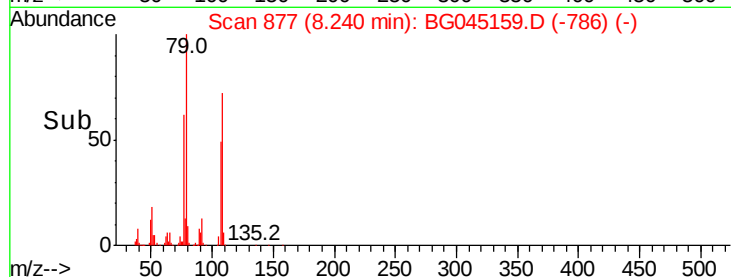
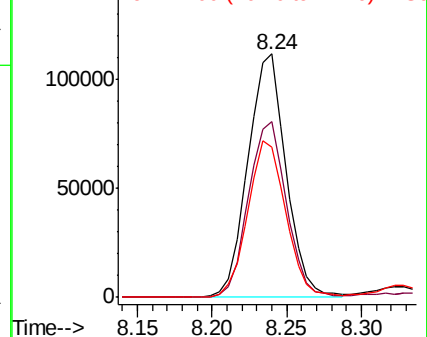
77 61.5 51.3 76.9



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: 36.796 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

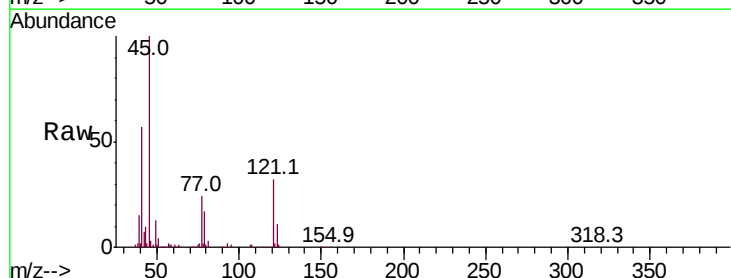
Tgt Ion: 45 Resp: 166049

Ion Ratio Lower Upper

45 100

77 24.1 1.9 41.9

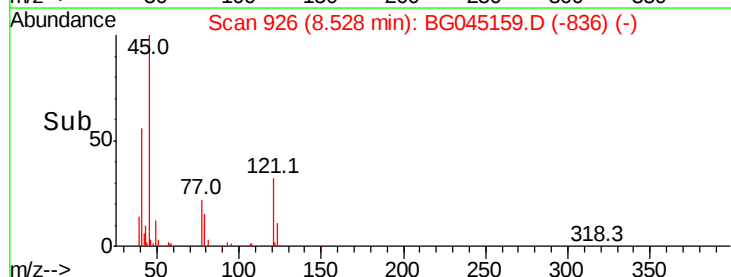
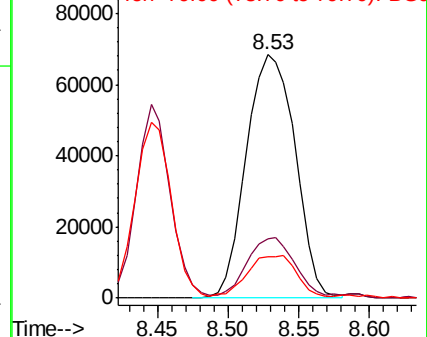
79 17.1 0.0 35.5

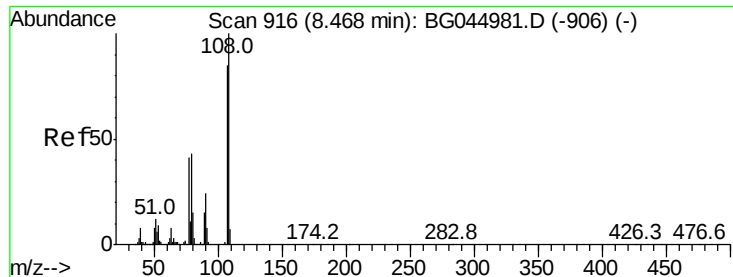


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.201 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

Tot Ion:107 Resp: 174638

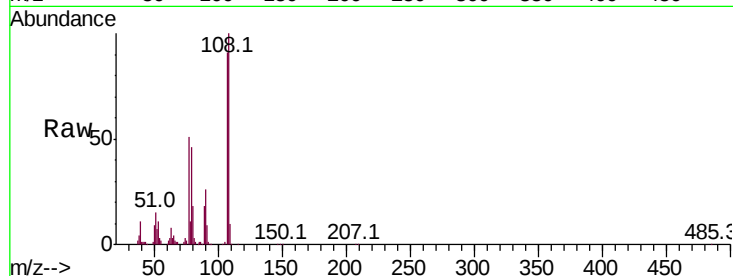
Ion Ratio Lower Upper

107 100

108 109.8 93.8 140.6

77 55.7 38.5 57.7

79 50.6 40.1 60.1

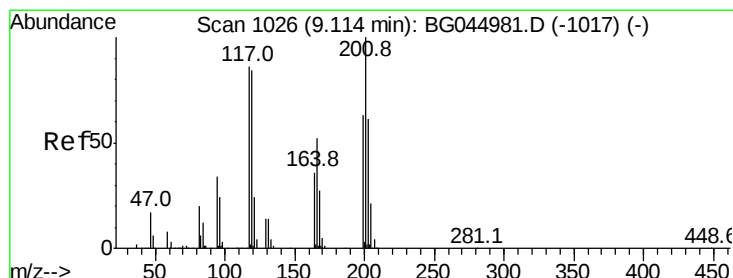
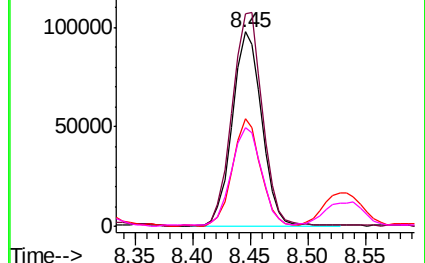
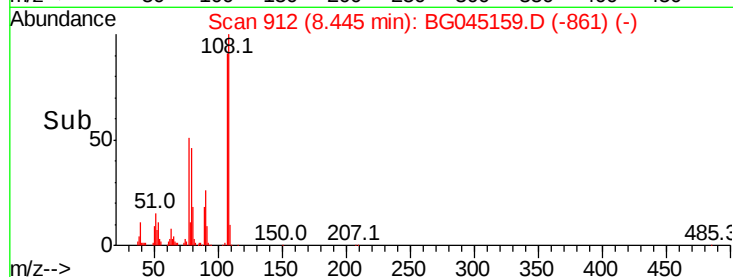


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.339 ng

RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

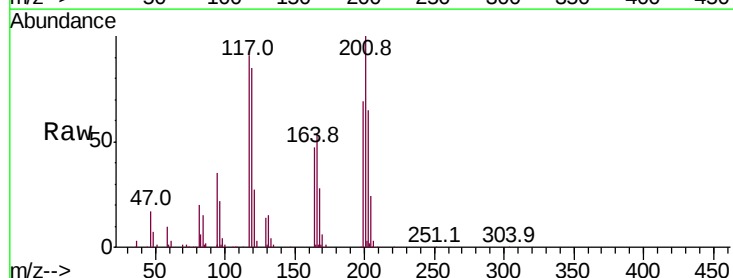
Tgt Ion:117 Resp: 81690

Ion Ratio Lower Upper

117 100

119 93.5 78.3 117.5

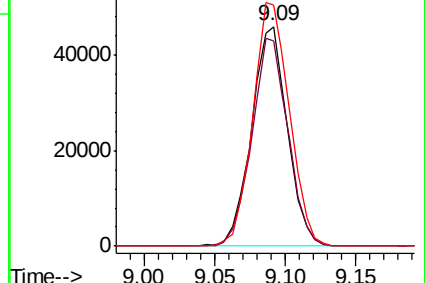
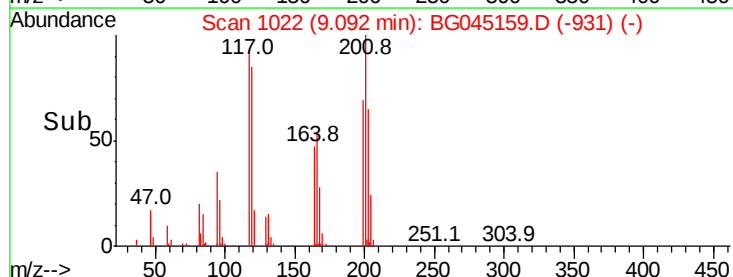
201 109.6 92.9 139.3

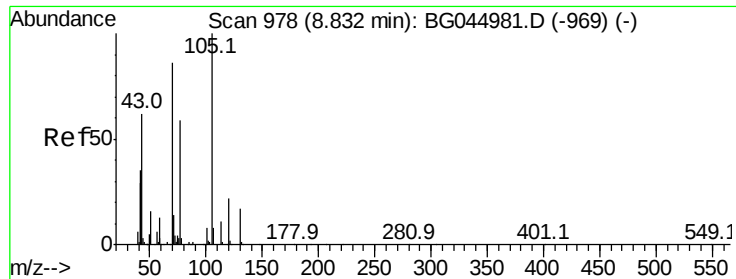


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

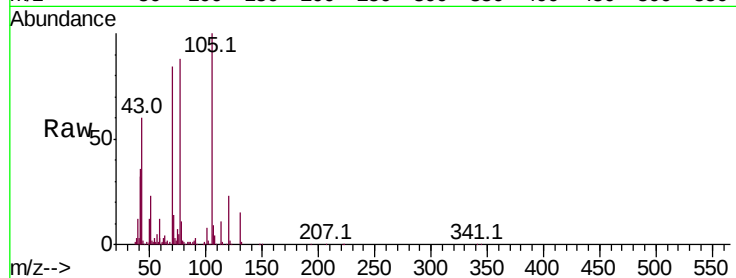




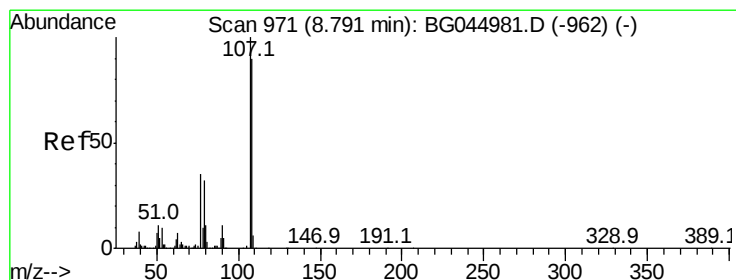
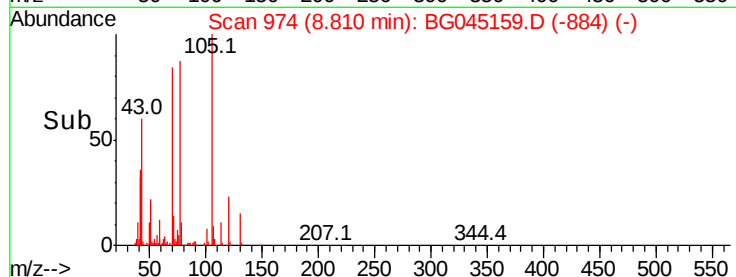
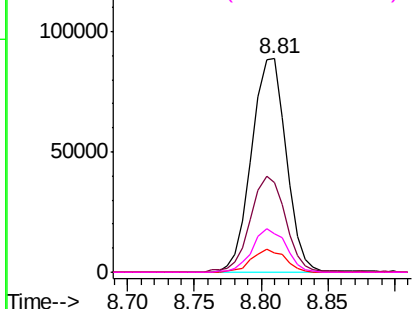
#19
n-Nitroso-di-n-propylamine
Concen: 39.081 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion:	70	Resp:	159478
Ion	Ratio	Lower	Upper
70	100		
42	42.1	33.3	49.9
101	9.1	7.8	11.8
130	18.2	15.8	23.6

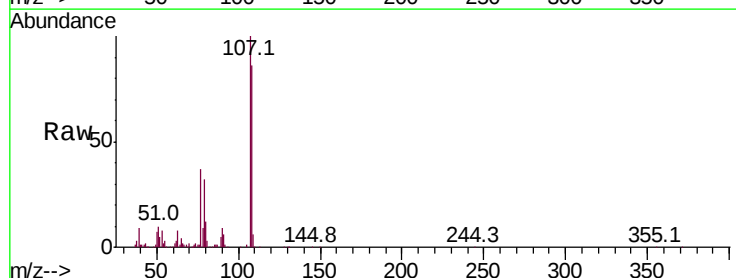


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

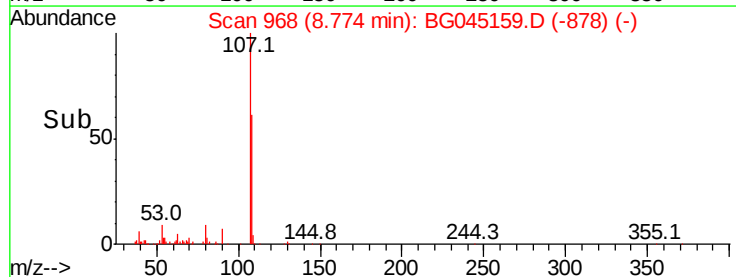
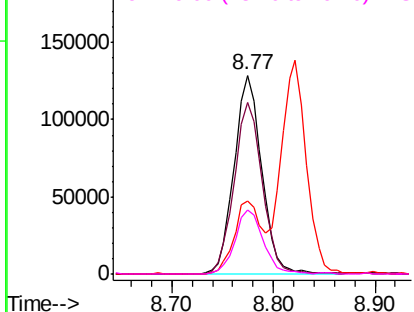


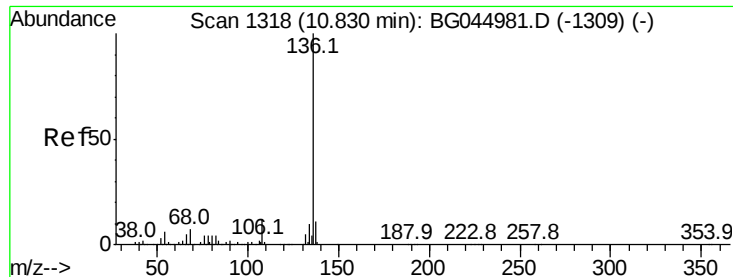
#20
3+4-Methylphenols
Concen: 39.030 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion:	107	Resp:	243380
Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	36.8	15.2	55.2
79	32.3	11.6	51.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

Tot Ion:136 Resp: 256072

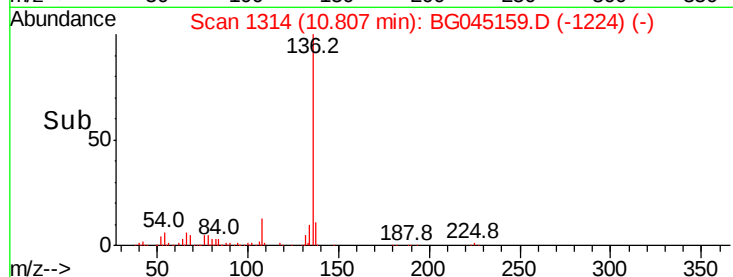
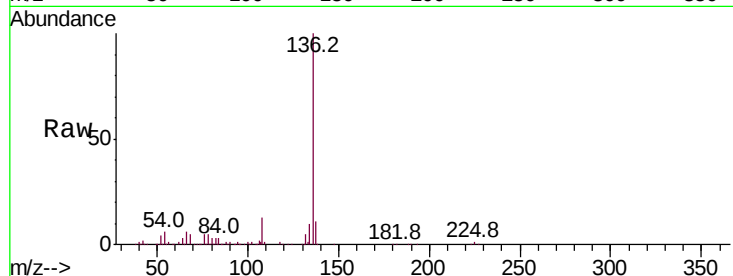
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 6.0 4.8 7.2

68 5.3 5.2 7.8



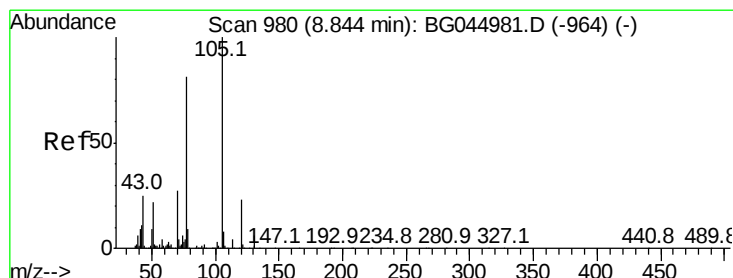
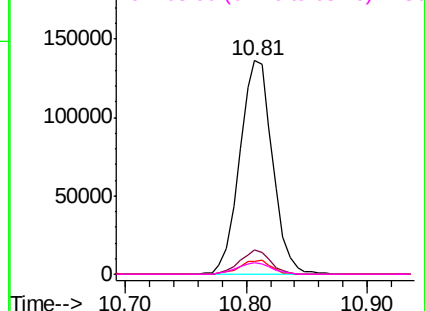
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.788 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:105 Resp: 296302

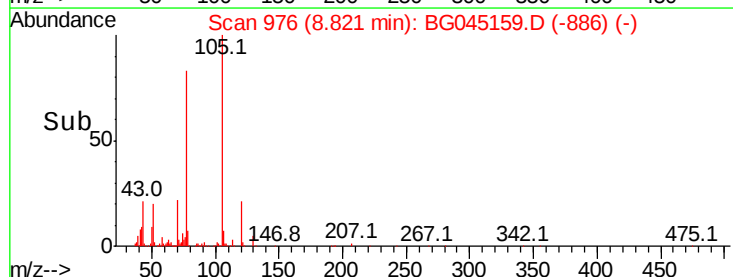
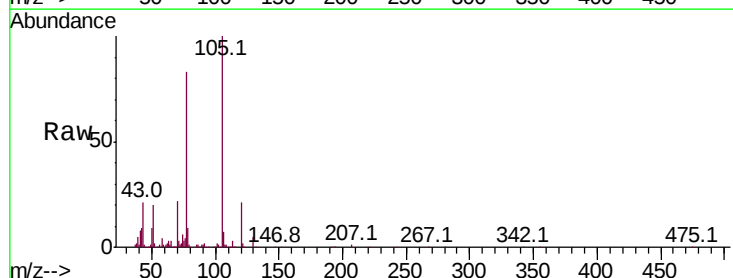
Ion Ratio Lower Upper

105 100

71 2.9 3.3 4.9#

51 20.3 17.3 25.9

120 21.2 18.4 27.6



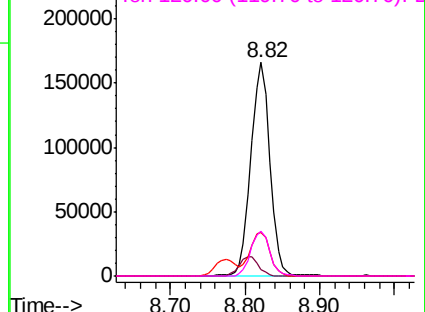
Abundance

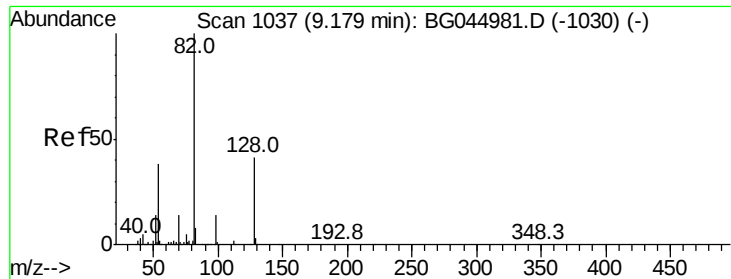
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

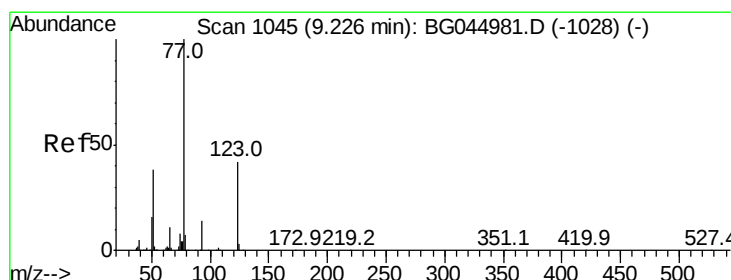
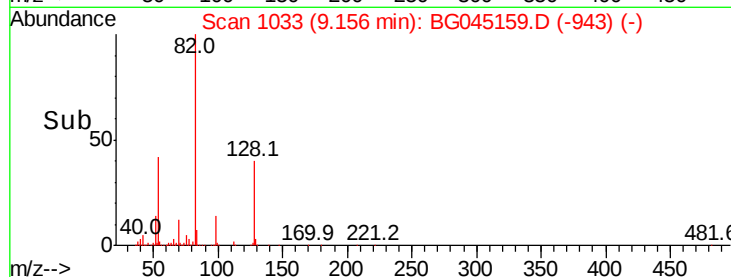
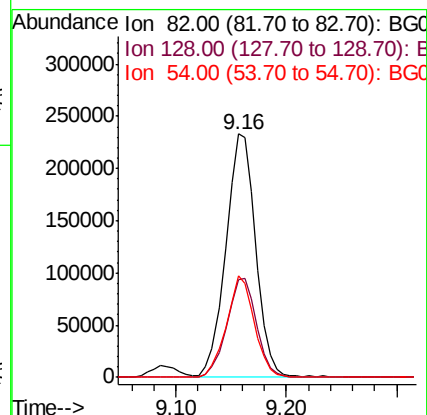
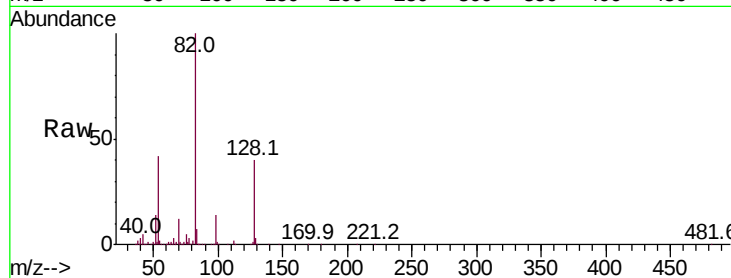




#23
 Nitrobenzene-d5
 Concen: 77.972 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

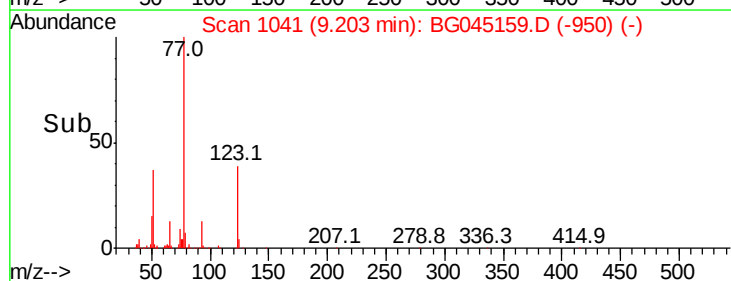
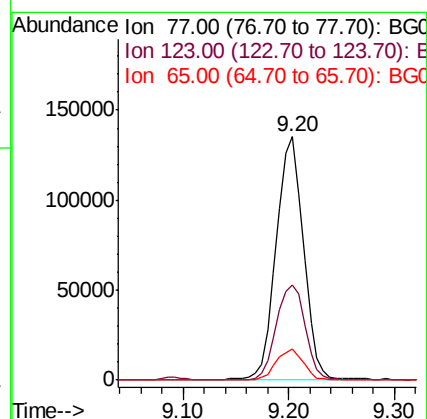
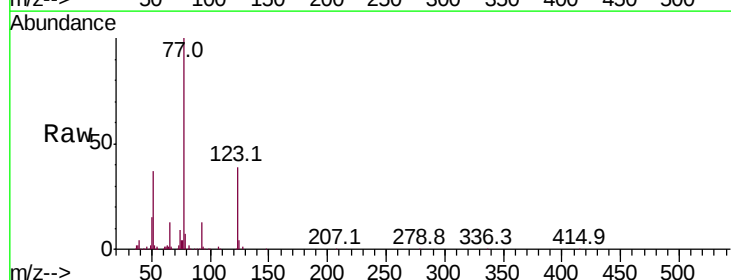
Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

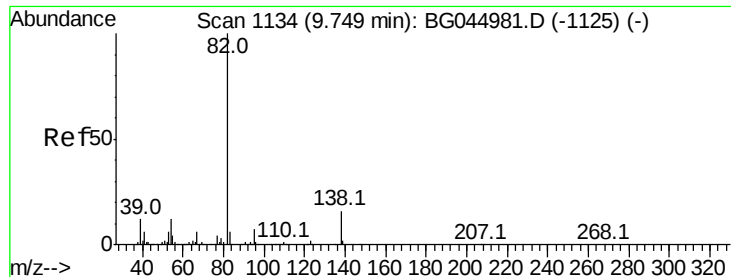
Tot Ion: 82 Resp: 437582
 Ion Ratio Lower Upper
 82 100
 128 40.1 33.0 49.4
 54 41.6 30.4 45.6



#24
 Nitrobenzene
 Concen: 41.971 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion: 77 Resp: 241442
 Ion Ratio Lower Upper
 77 100
 123 39.3 34.3 51.5
 65 12.8 8.9 13.3





#25

Isophorone

Concen: 39.058 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

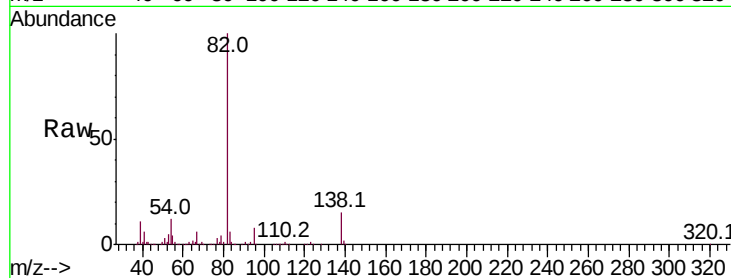
Tot Ion: 82 Resp: 448879

Ion Ratio Lower Upper

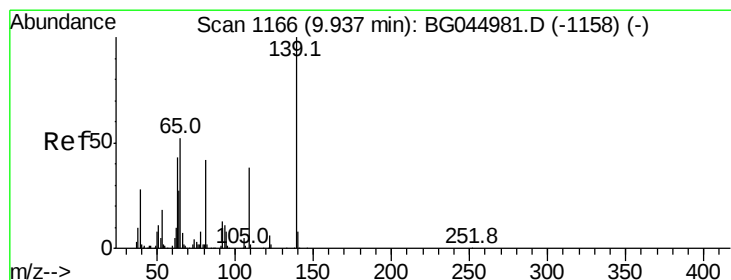
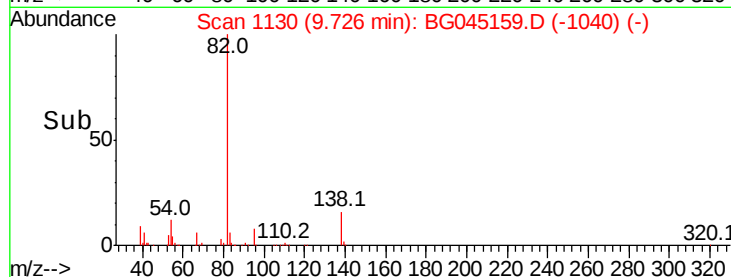
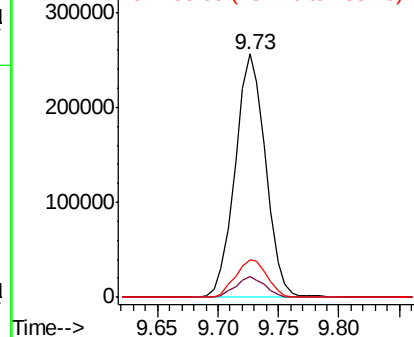
82 100

95 8.4 6.0 9.0

138 15.4 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: 45.777 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

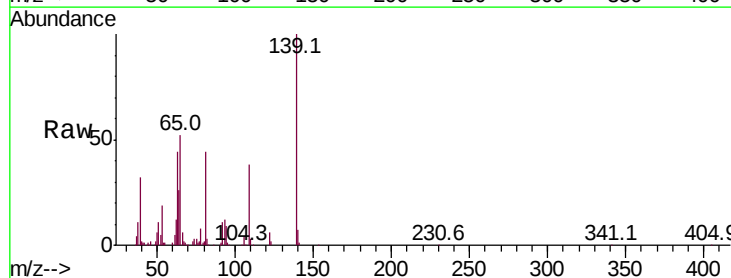
Tgt Ion: 139 Resp: 113431

Ion Ratio Lower Upper

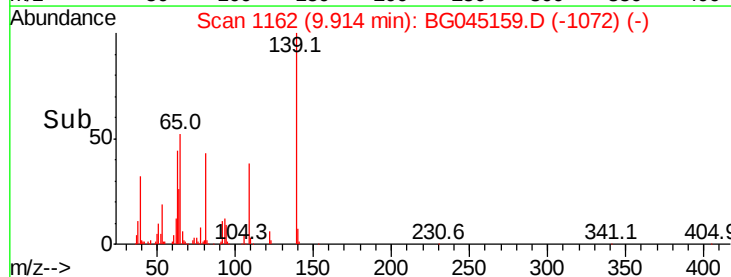
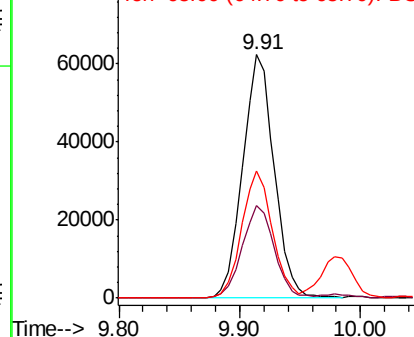
139 100

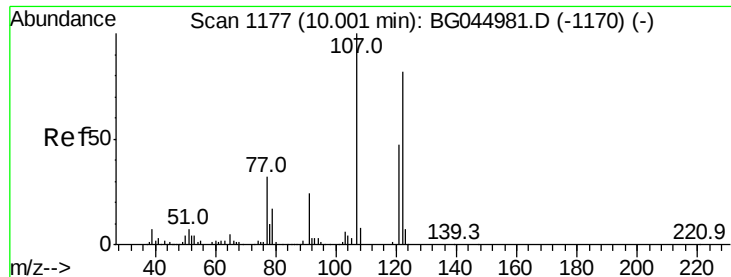
109 38.1 30.6 45.8

65 52.1 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

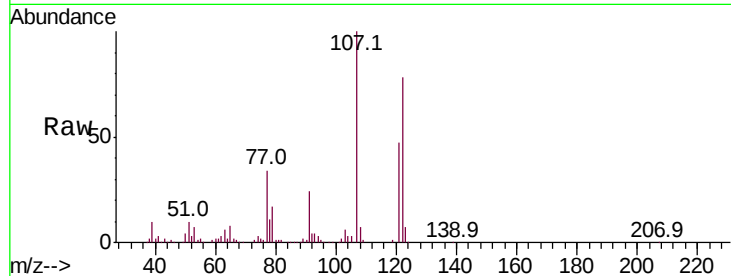




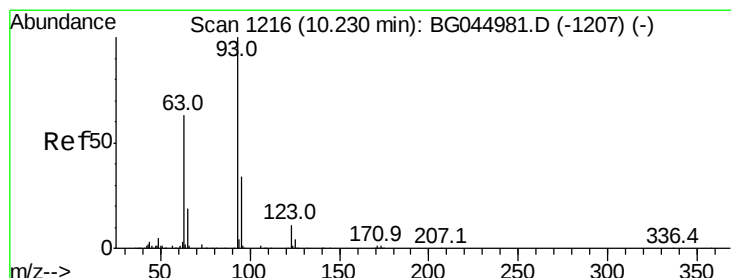
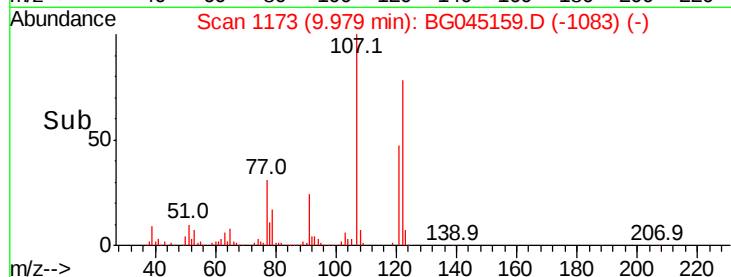
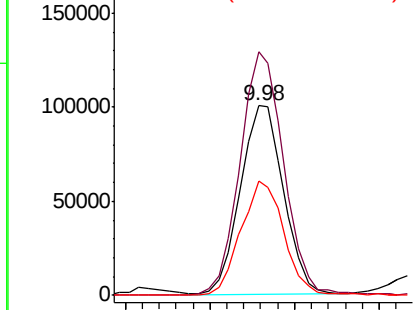
#27
2,4-Dimethylphenol
Concen: 45.435 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.6	96.8	145.2
121	60.4	45.6	68.4

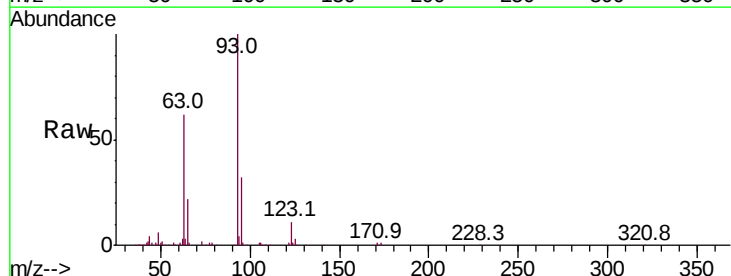


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

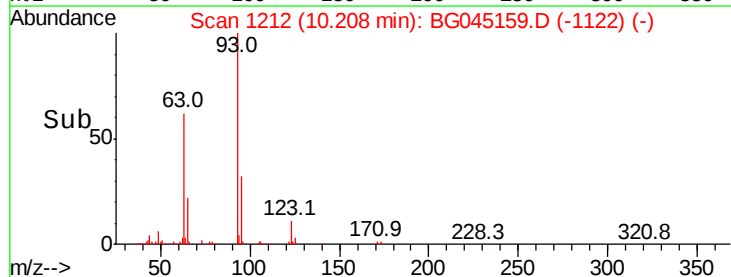
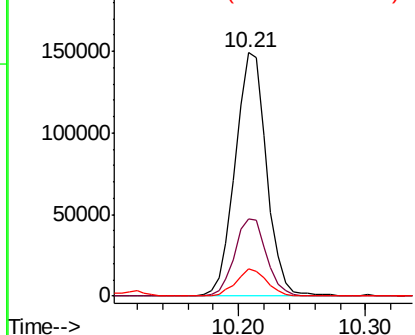


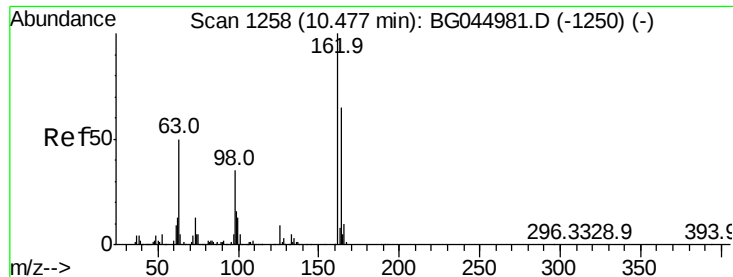
#28
bis(2-Chloroethoxy)methane
Concen: 42.158 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	27.0	40.4
123	11.1	8.7	13.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

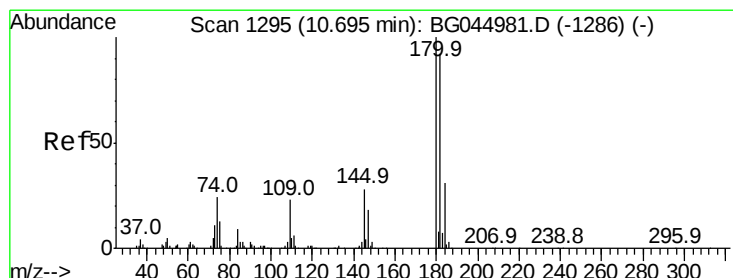
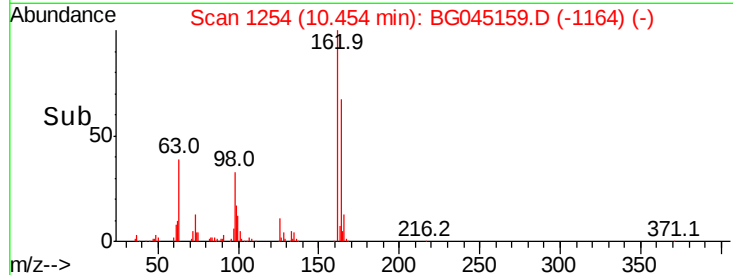
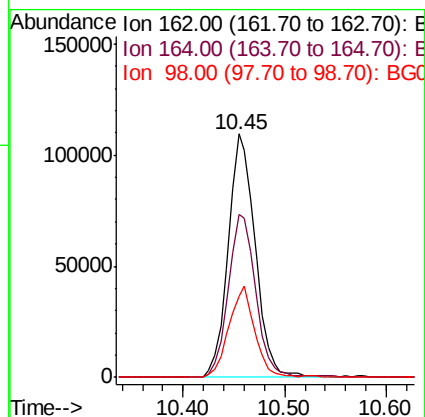
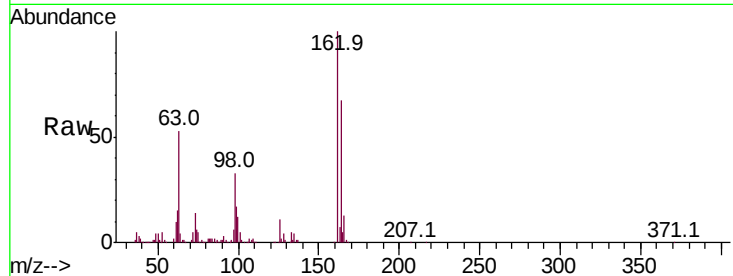




#29
2,4-Dichlorophenol
Concen: 44.616 ng
RT: 10.45 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

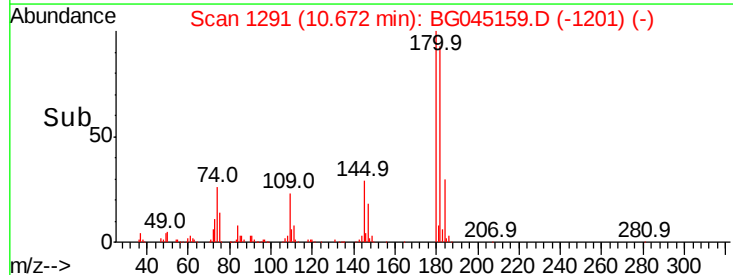
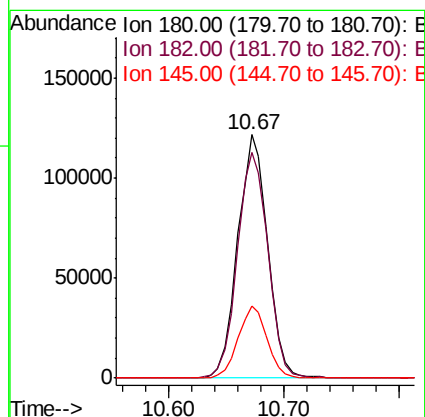
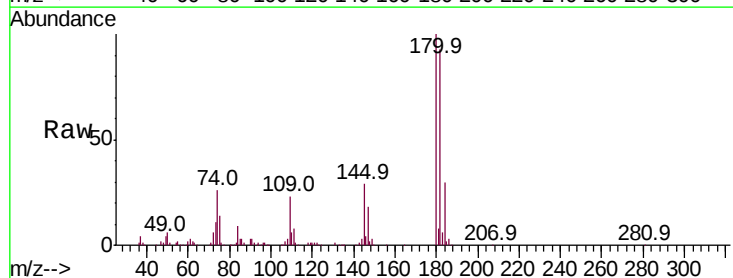
Instrument :
BNA_G
ClientSampled :
PB128463BS

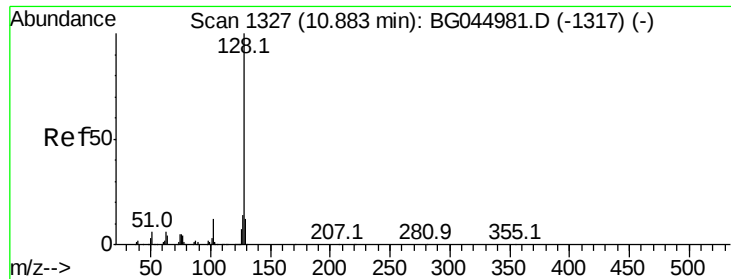
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	45.0	85.0
98	33.5	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 42.309 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	73.3	109.9
145	29.4	22.6	33.8

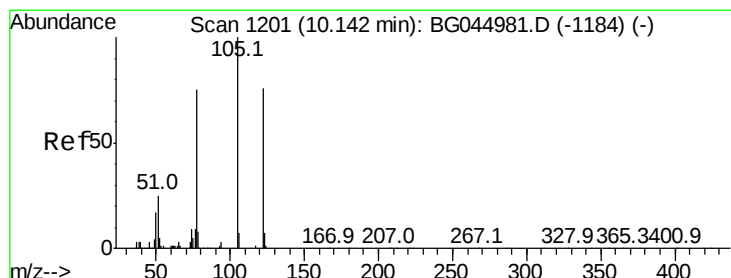
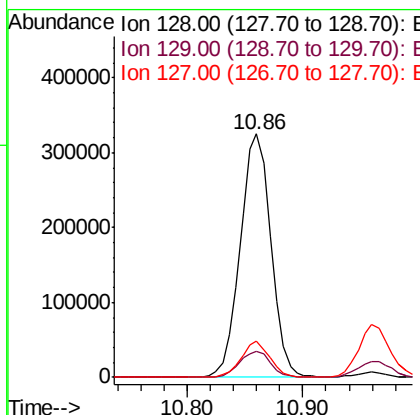
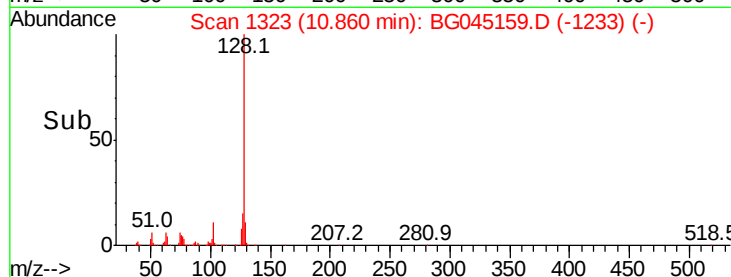
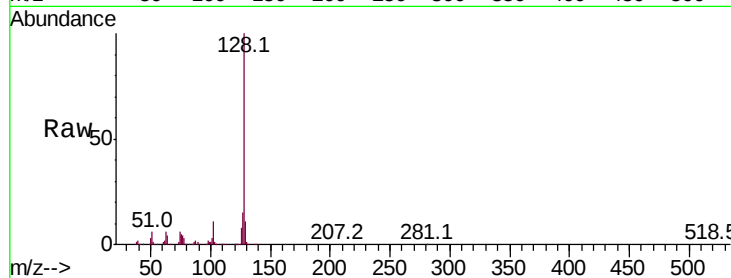




#31
Naphthalene
Concen: 42.820 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

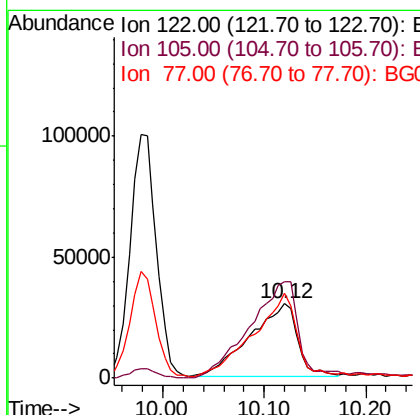
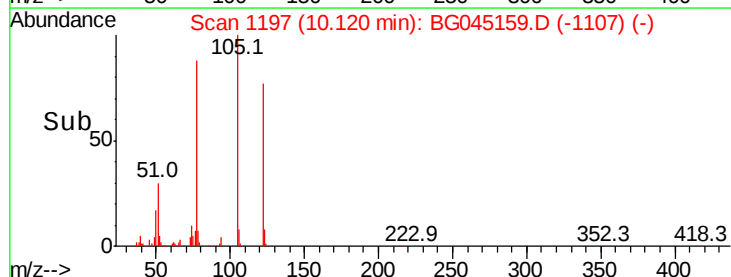
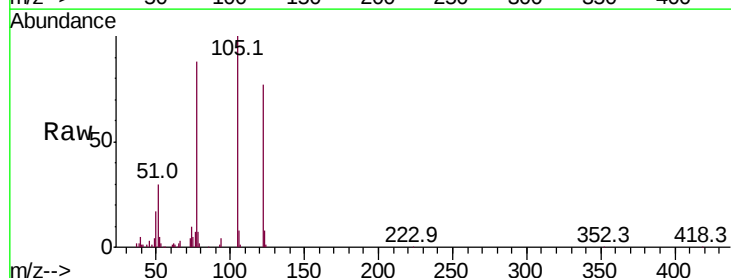
Instrument :
BNA_G
ClientSampleId :
PB128463BS

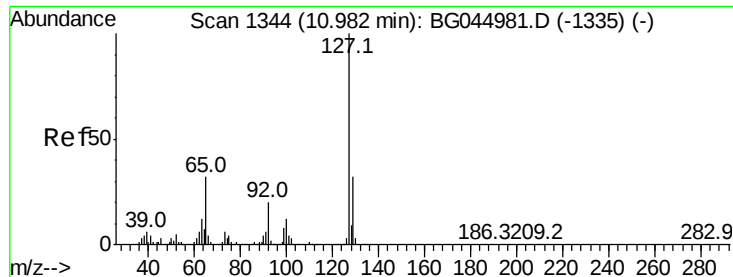
Tot Ion:128 Resp: 599837
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 14.7 10.8 16.2



#32
Benzoic acid
Concen: 32.945 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion:122 Resp: 97318
Ion Ratio Lower Upper
122 100
105 129.6 108.4 148.4
77 114.3 78.8 118.8

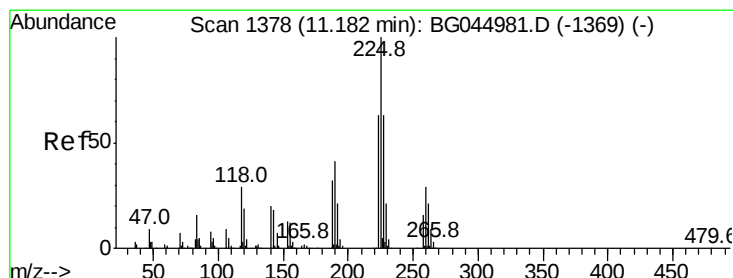
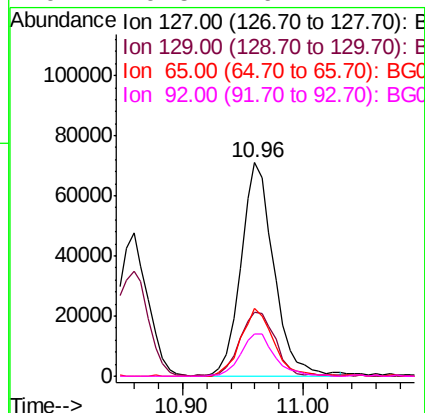
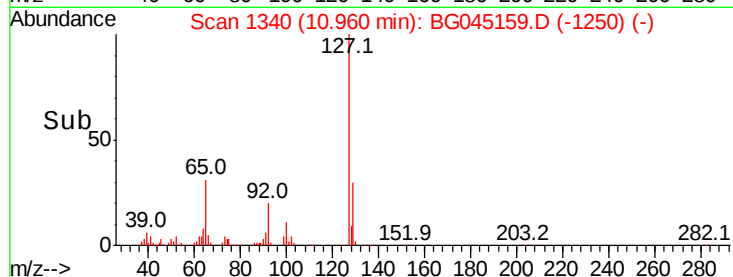
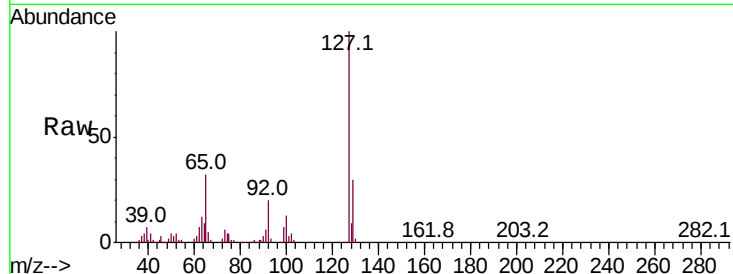




#33
4-Chloroaniline
Concen: 20.472 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

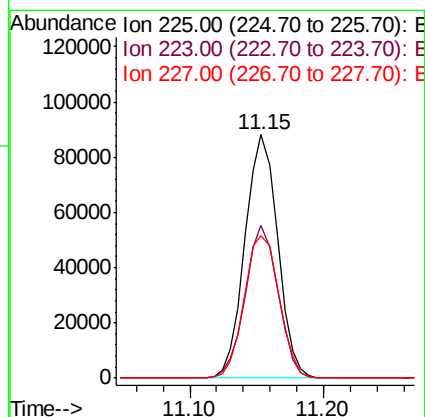
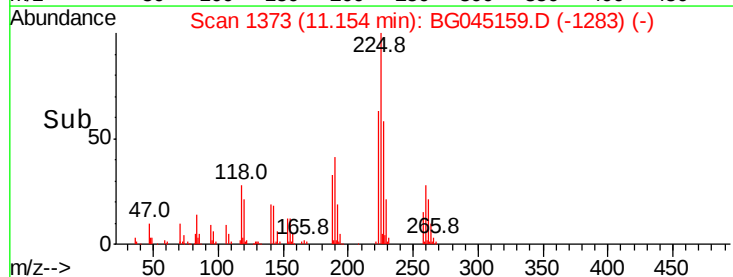
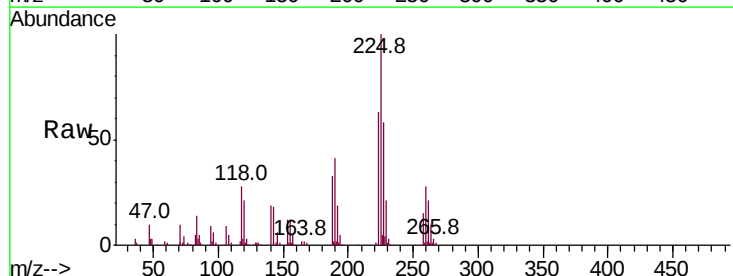
Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion:	127	Resp:	133745
Ion	Ratio	Lower	Upper
127	100		
129	29.7	25.7	38.5
65	31.8	25.4	38.2
92	19.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.364 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion:	225	Resp:	149298
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	58.4	50.2	75.2

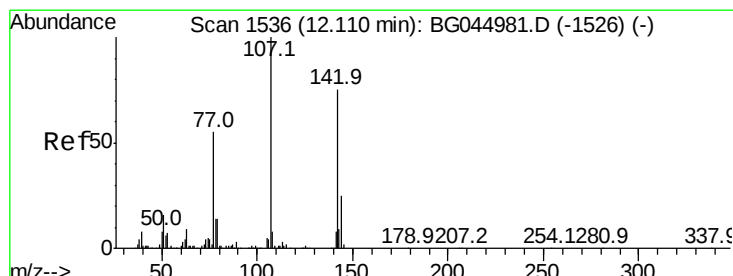
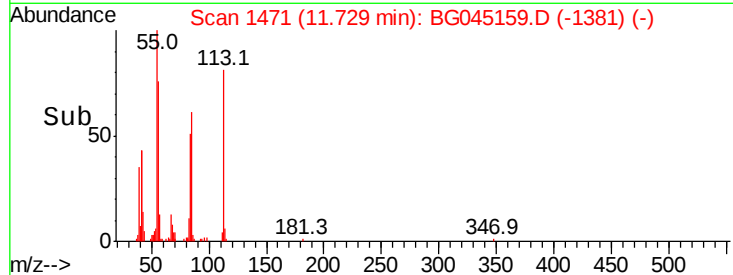
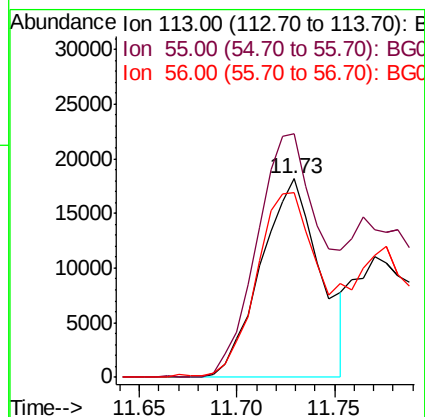
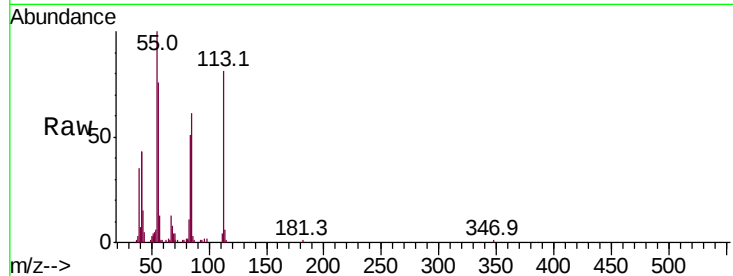




#35
 Caprolactam
 Concen: 21.158 ng
 RT: 11.73 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

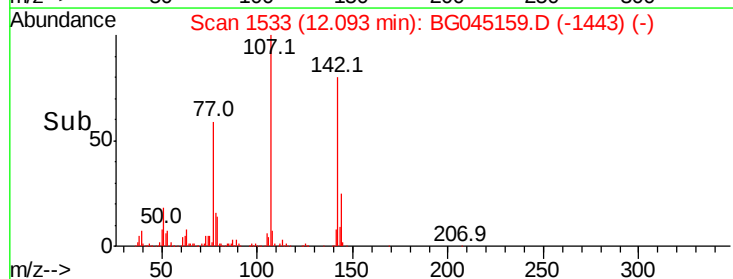
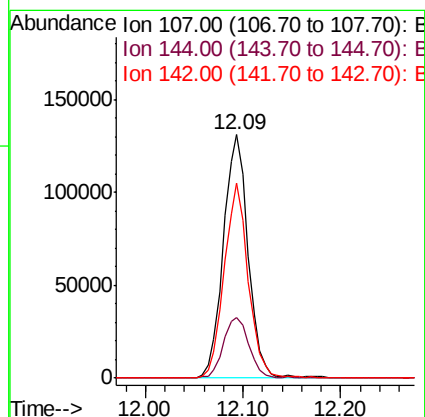
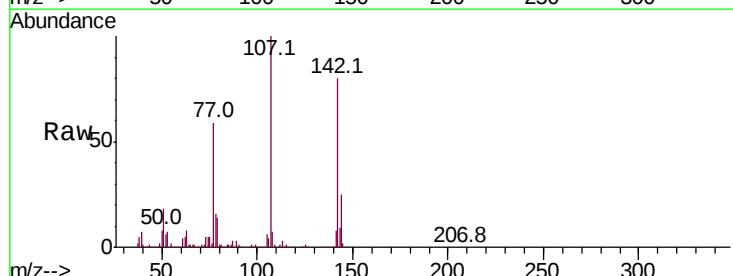
Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

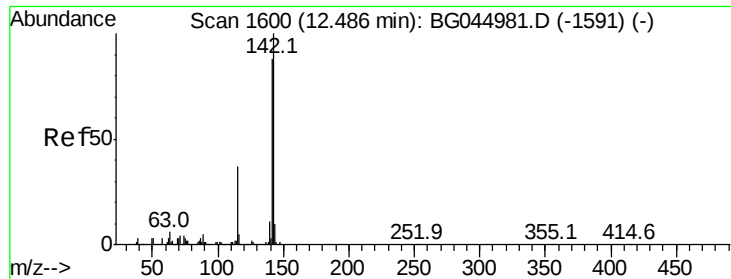
Tot Ion:113 Resp: 38230
 Ion Ratio Lower Upper
 113 100
 55 122.8 118.8 158.8
 56 93.1 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.186 ng
 RT: 12.09 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion:107 Resp: 230318
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.6
 142 80.1 59.7 89.5

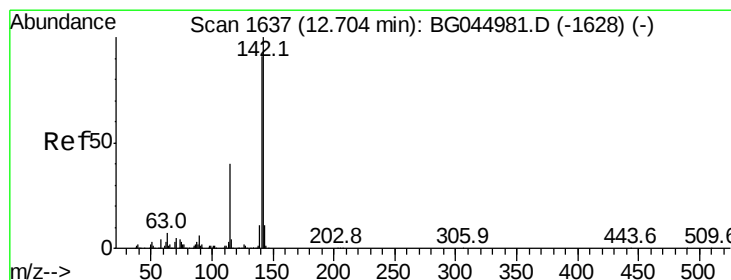
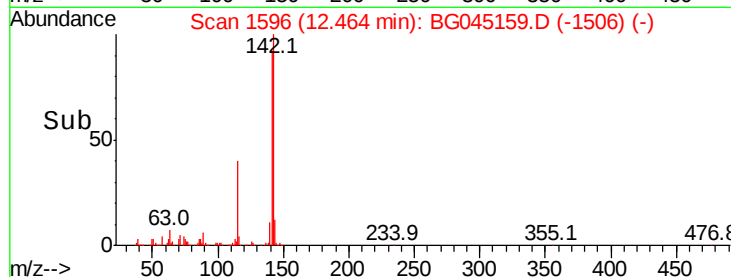
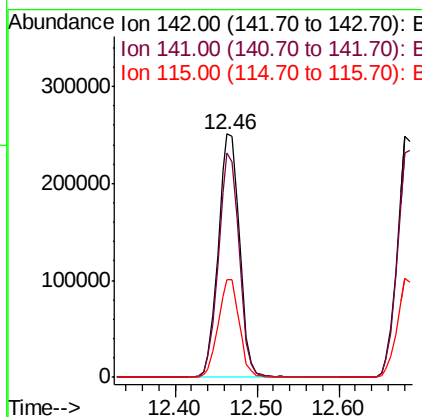
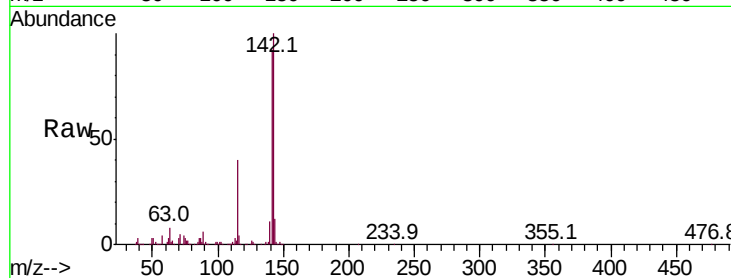




#37
2-Methylnaphthalene
Concen: 41.767 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

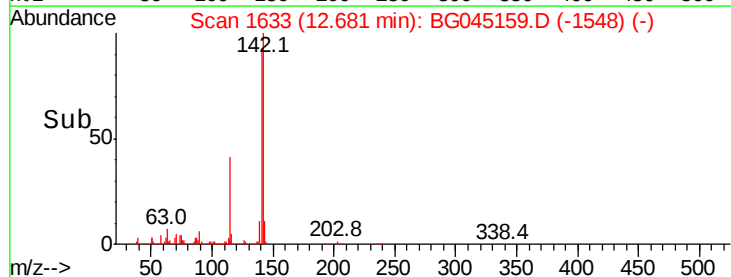
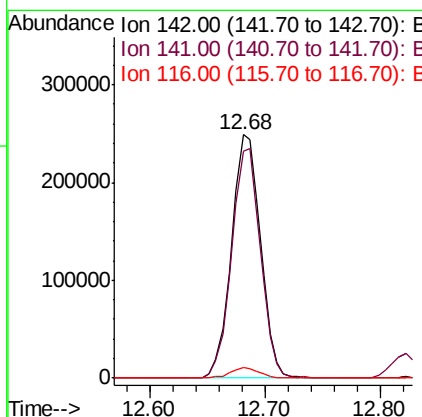
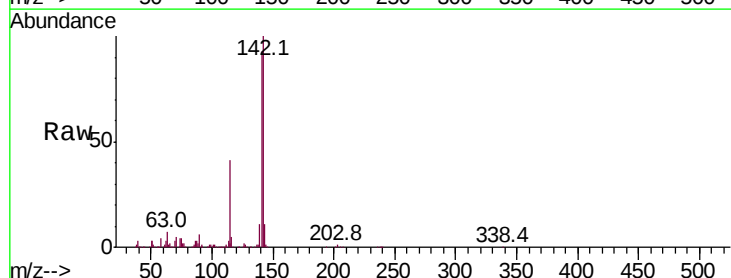
Instrument :
BNA_G
ClientSampleId :
PB128463BS

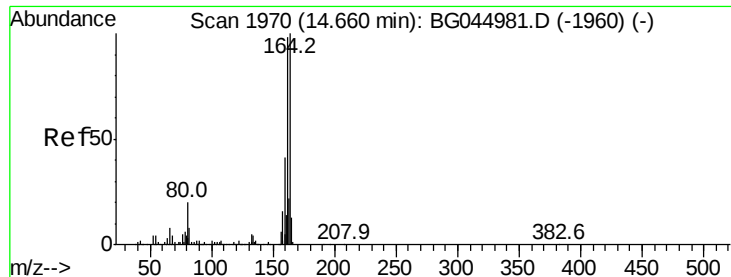
Tot Ion:142 Resp: 454140
Ion Ratio Lower Upper
142 100
141 92.4 70.3 105.5
115 39.9 29.8 44.6



#38
1-Methylnaphthalene
Concen: 42.253 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion:142 Resp: 433711
Ion Ratio Lower Upper
142 100
141 93.1 72.7 109.1
116 4.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

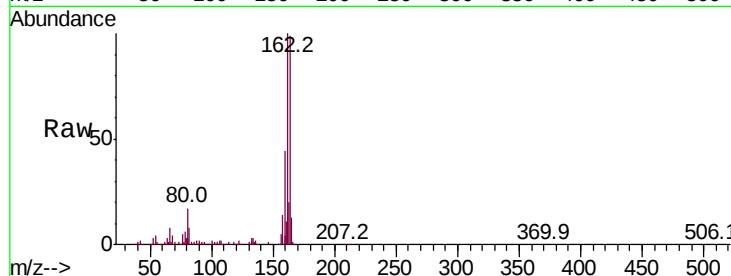
Tot Ion:164 Resp: 185516

Ion Ratio Lower Upper

164 100

162 100.8 78.7 118.1

160 44.2 32.8 49.2

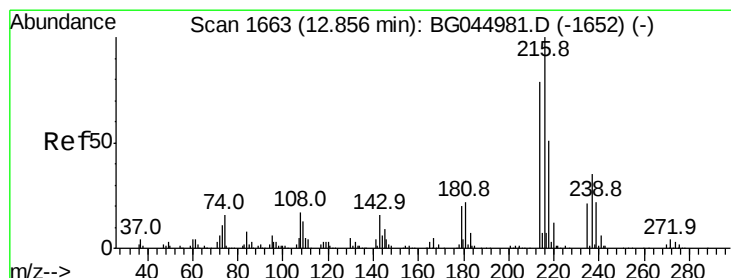
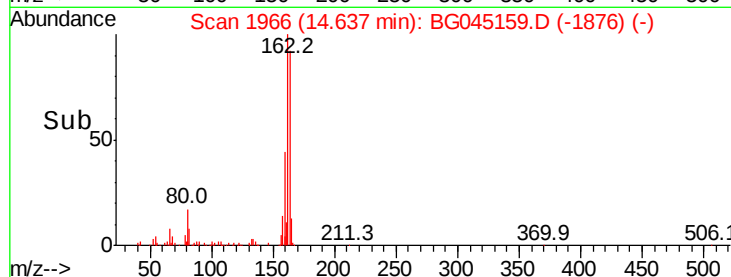
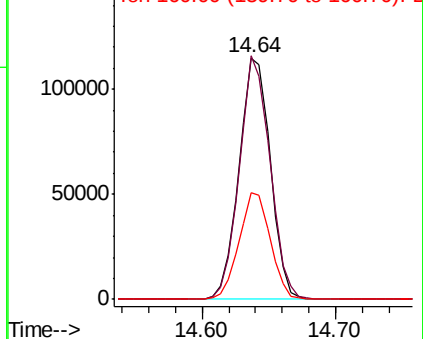


Abundance

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: 41.278 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:216 Resp: 246560

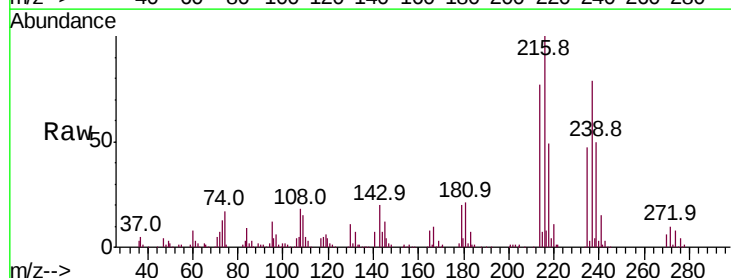
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.6

179 20.5 15.8 23.8

108 20.0 14.2 21.2



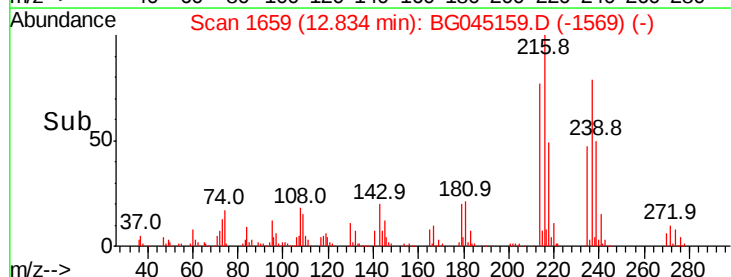
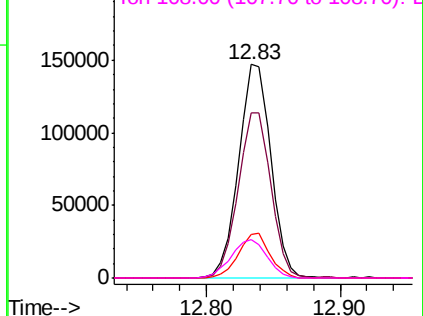
Abundance

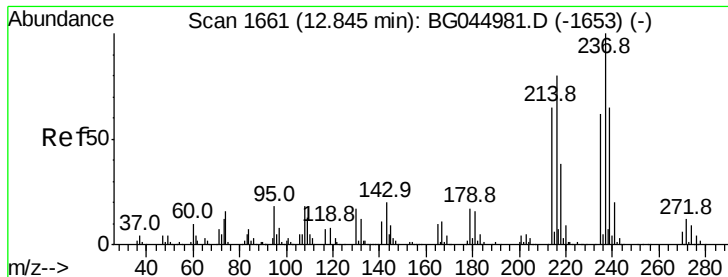
Ion 216.00 (215.70 to 216.70): E

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: 99.816 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

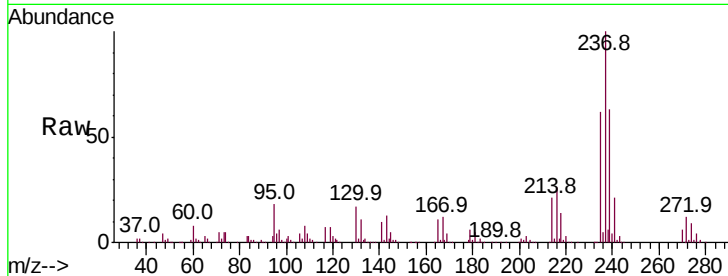
Tot Ion:237 Resp: 372642

Ion Ratio Lower Upper

237 100

235 61.7 41.6 81.6

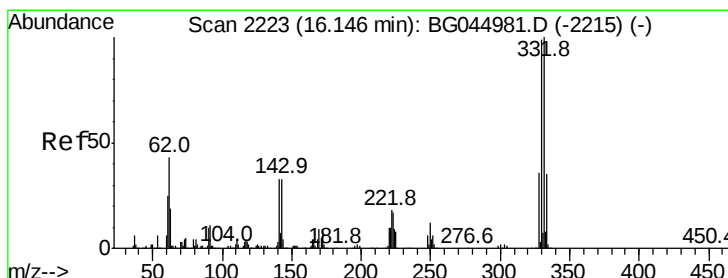
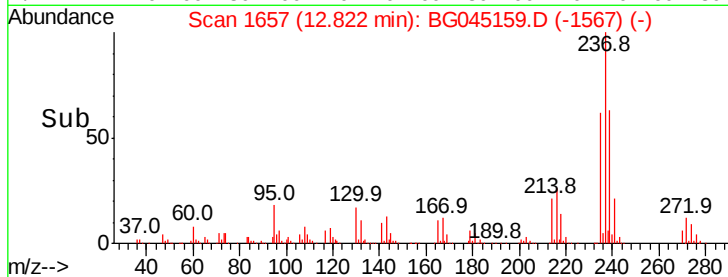
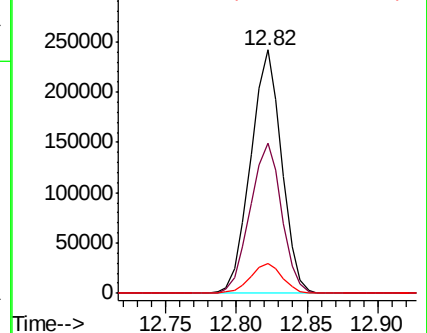
272 12.1 0.0 32.1



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: 117.324 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

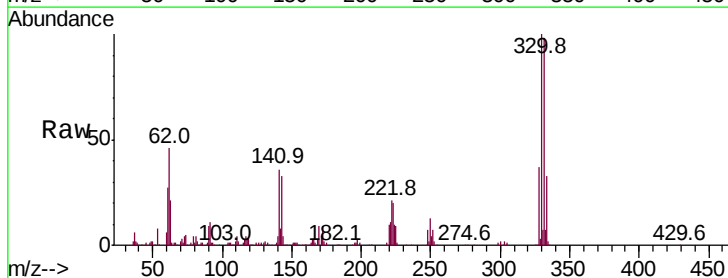
Tgt Ion:330 Resp: 336247

Ion Ratio Lower Upper

330 100

332 99.4 79.1 118.7

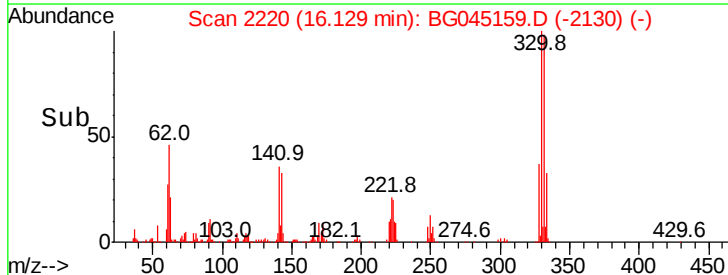
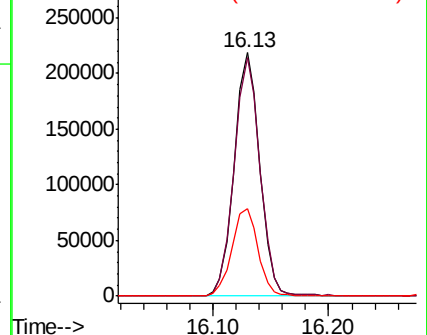
141 36.9 27.1 40.7

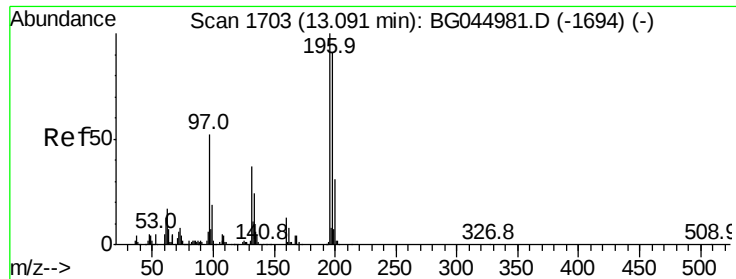


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

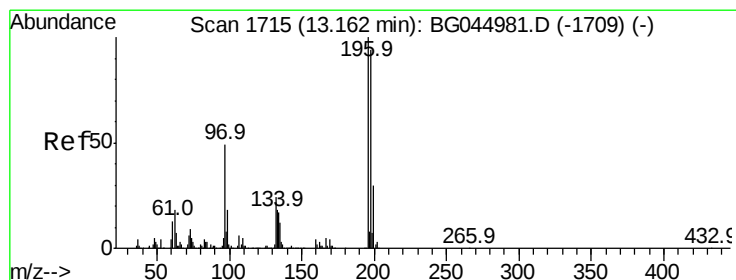
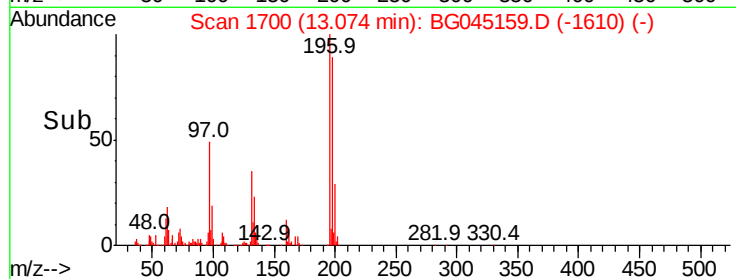
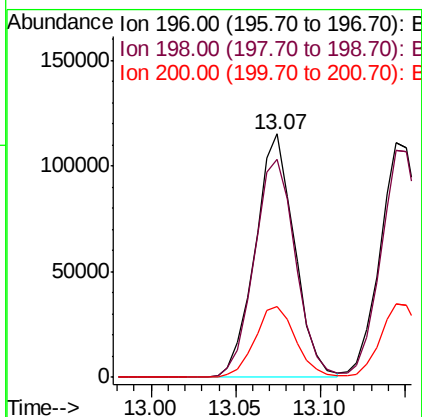
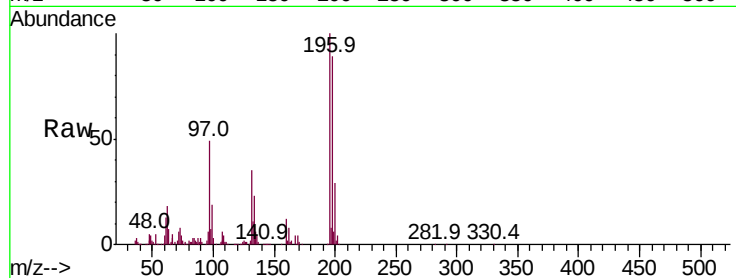




#43
 2,4,6-Trichlorophenol
 Concen: 44.160 ng
 RT: 13.07 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

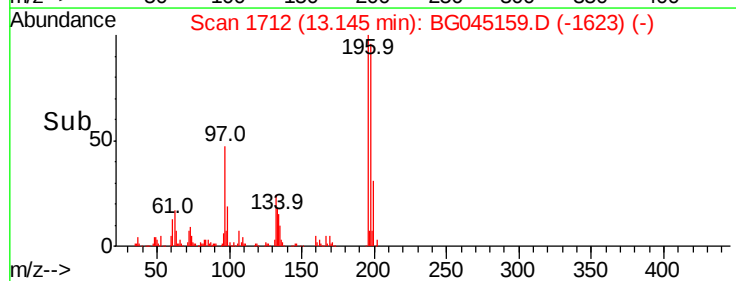
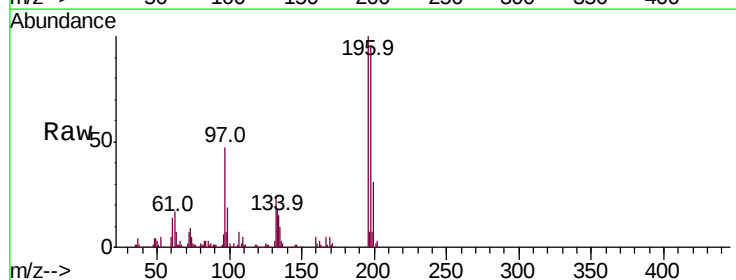
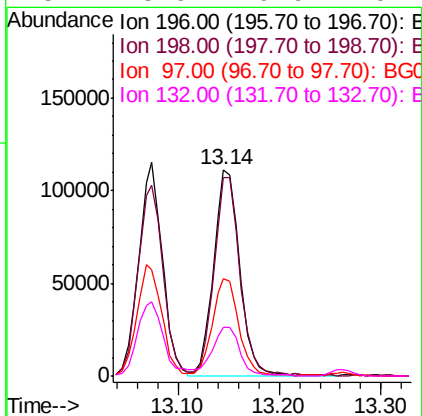
Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

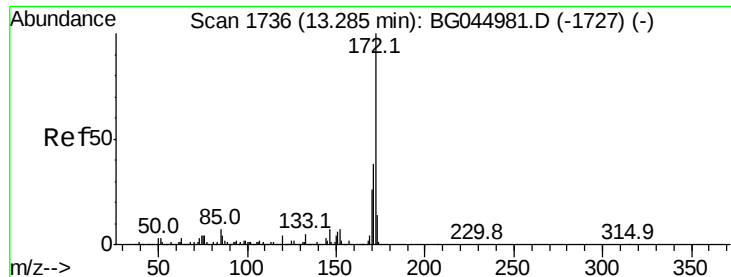
Tot Ion	Ratio	Lower	Upper
196	100		
198	89.3	72.5	108.7
200	28.9	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 41.420 ng
 RT: 13.14 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
97	47.2	39.6	59.4
132	23.9	19.6	29.4





#45

2-Fluorobiphenyl

Concen: 79.819 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

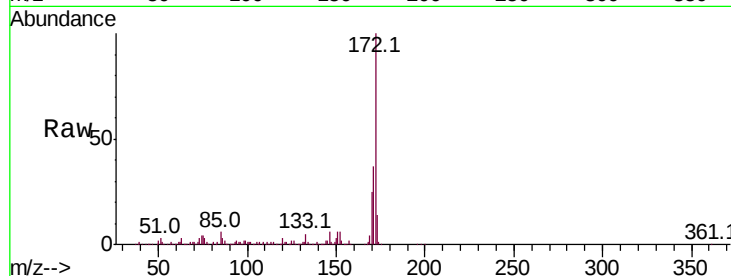
BNA_G

ClientSampleId :

PB128463BS

Tot Ion:172 Resp: 1009859

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	24.8	20.5	30.7

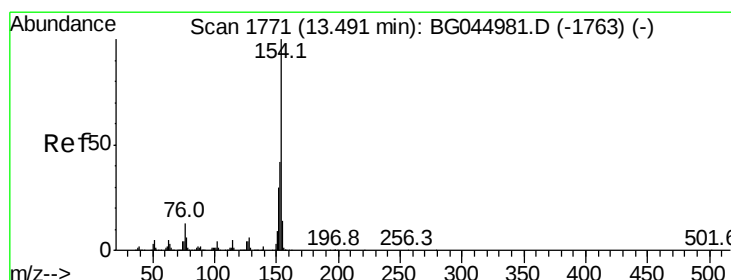
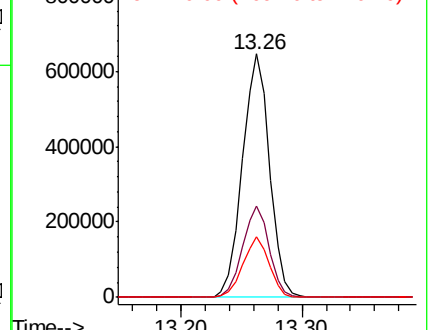
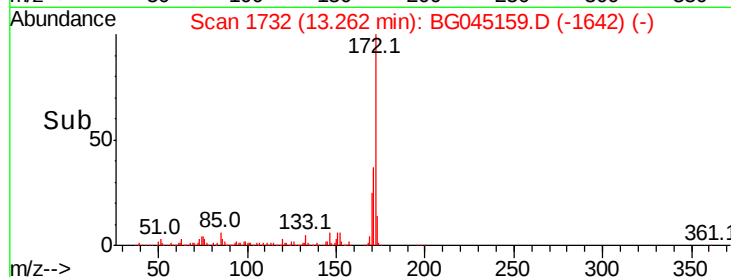


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.751 ng

RT: 13.47 min Scan# 1768

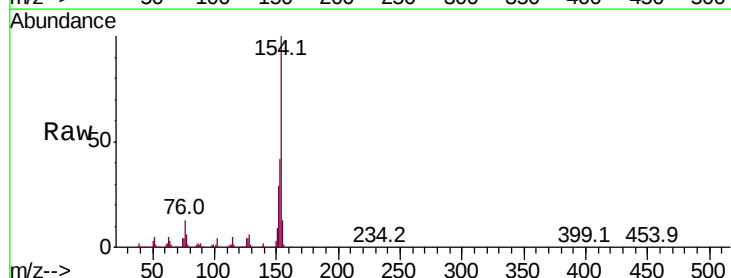
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:154 Resp: 574615

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.6	0.0	33.1

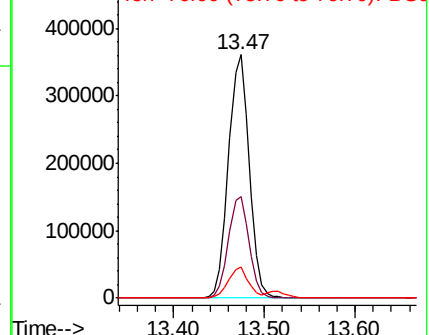
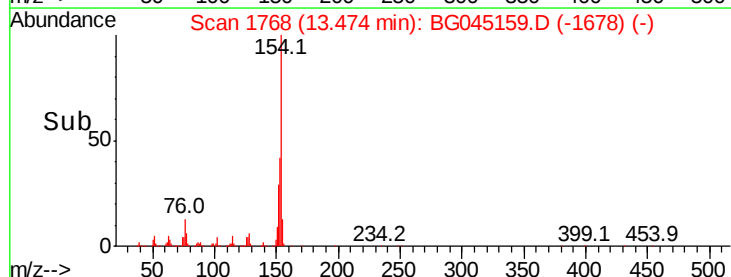


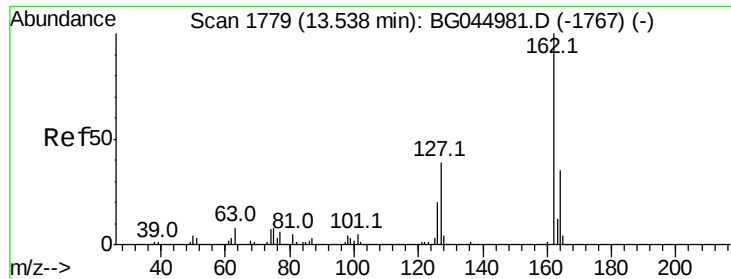
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

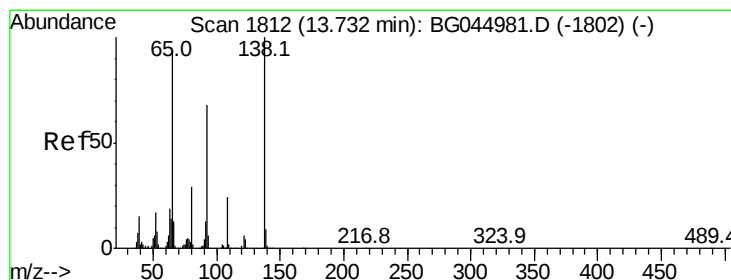
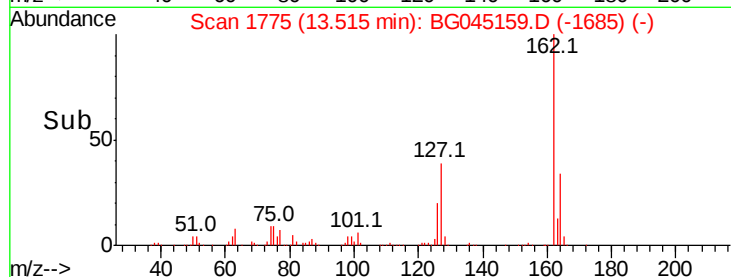
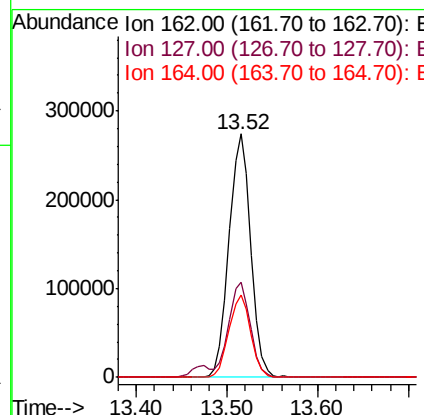
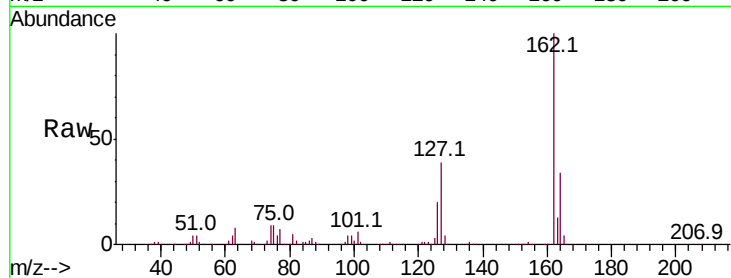




#47
 2-Chloronaphthalene
 Concen: 42.155 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

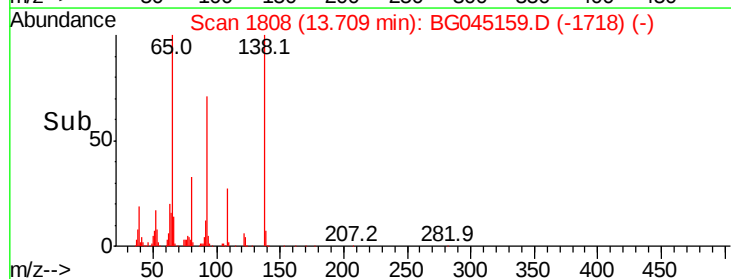
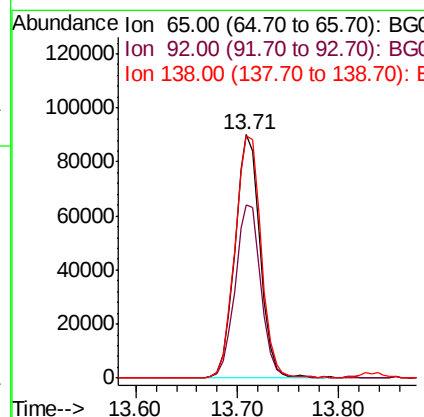
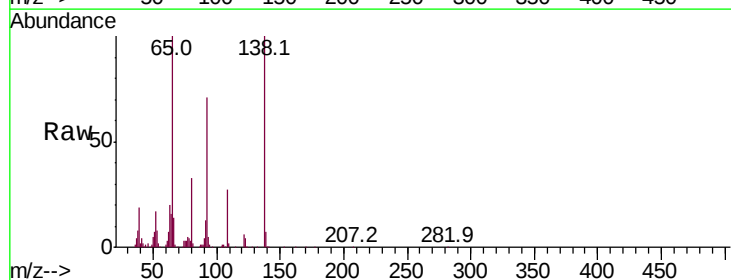
Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

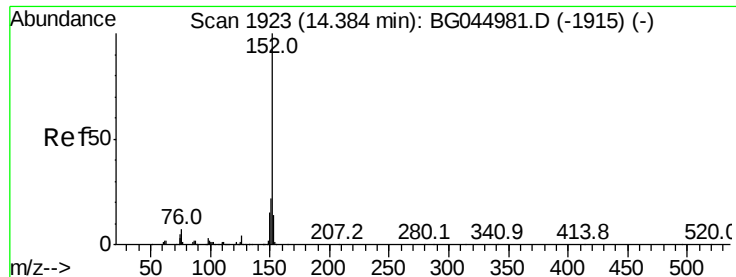
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.3	46.9
164	34.0	27.8	41.8



#48
 2-Nitroaniline
 Concen: 43.382 ng
 RT: 13.71 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.3	87.5
138	99.8	85.6	128.4





#49

Acenaphthylene

Concen: 42.174 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

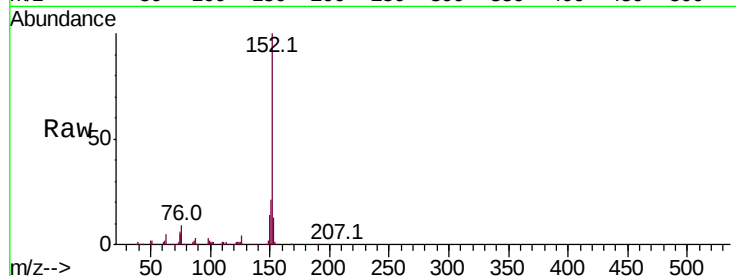
Tot Ion:152 Resp: 740139

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

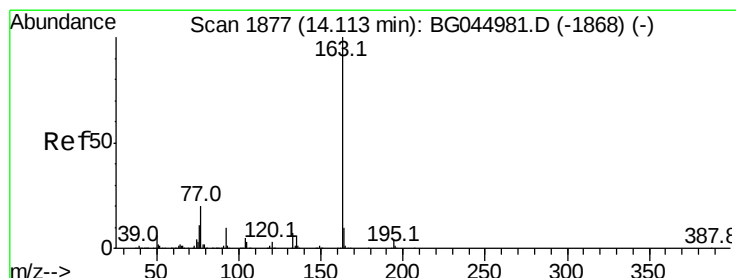
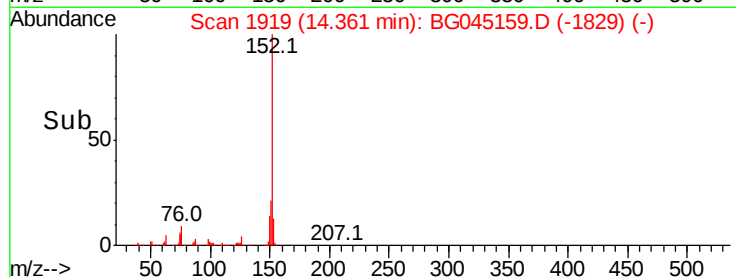
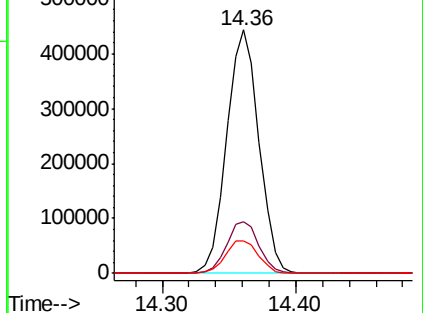
153 13.2 11.0 16.4



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: 41.925 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

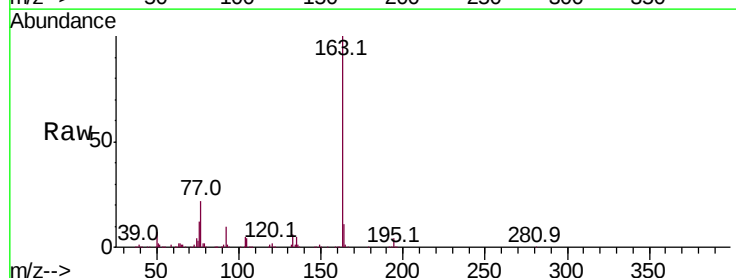
Tgt Ion:163 Resp: 633296

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

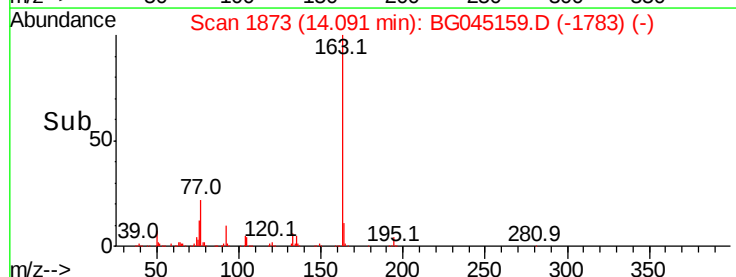
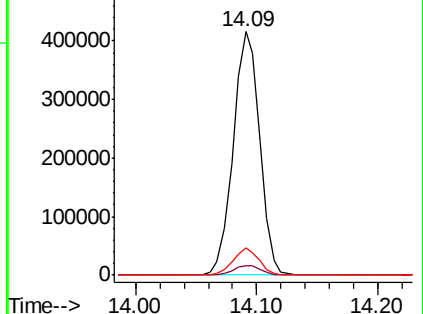
164 11.2 8.2 12.4



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

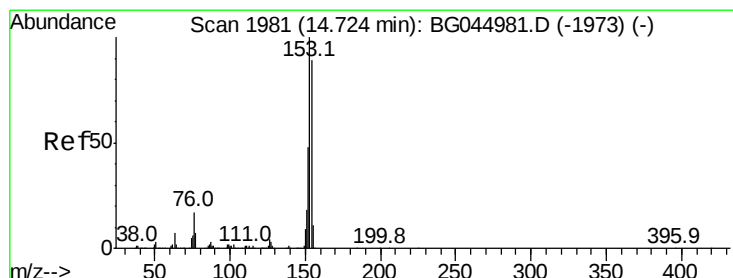
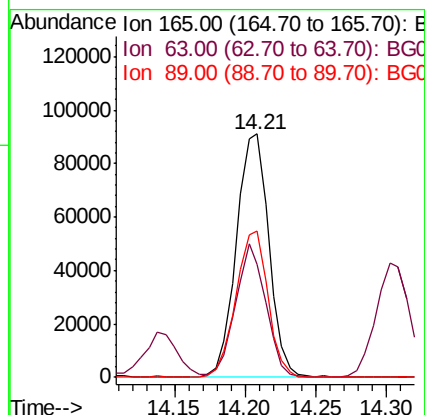
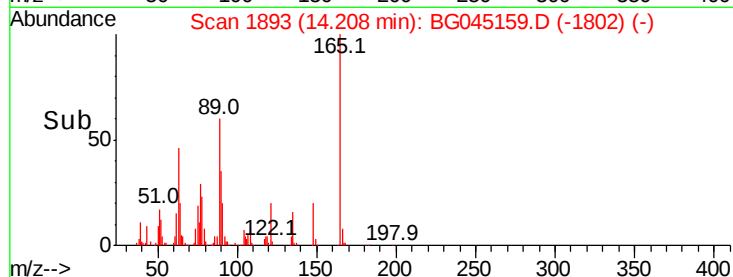
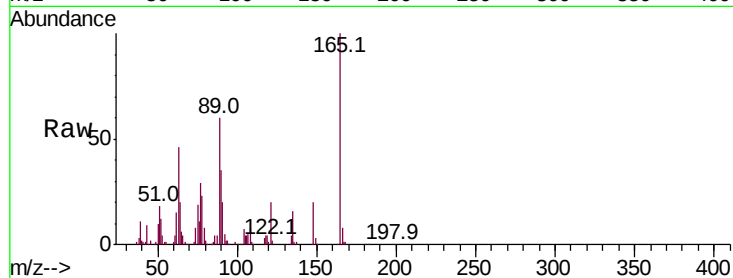




#51
2,6-Dinitrotoluene
Concen: 43.297 ng
RT: 14.21 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

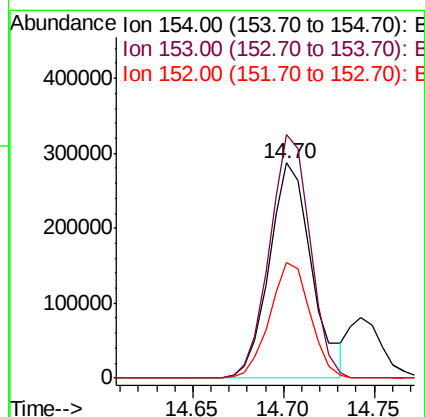
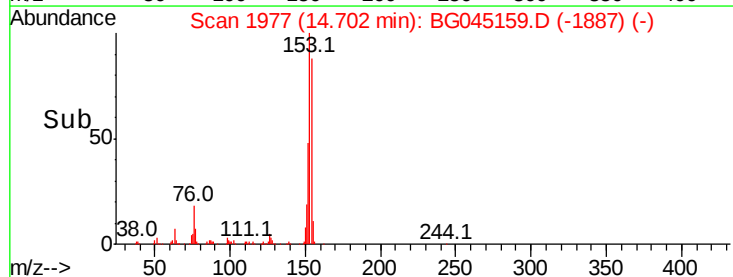
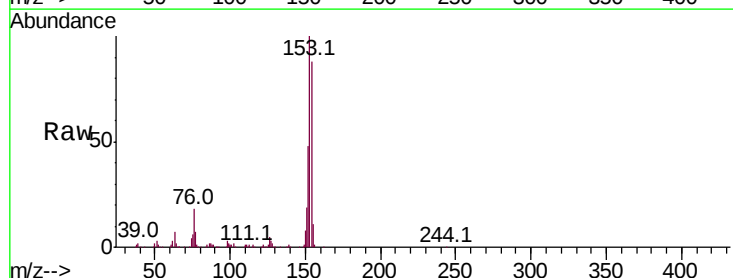
Instrument :
BNA_G
ClientSampleId :
PB128463BS

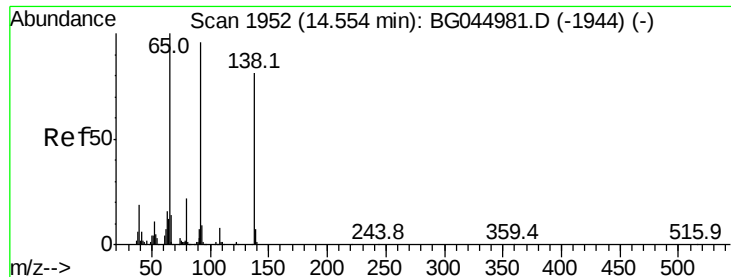
Tot Ion:165 Resp: 146288
Ion Ratio Lower Upper
165 100
63 46.2 40.4 60.6
89 60.2 49.1 73.7



#52
Acenaphthene
Concen: 39.323 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion:154 Resp: 466923
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 54.0 43.1 64.7





#53

3-Nitroaniline

Concen: 23.303 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

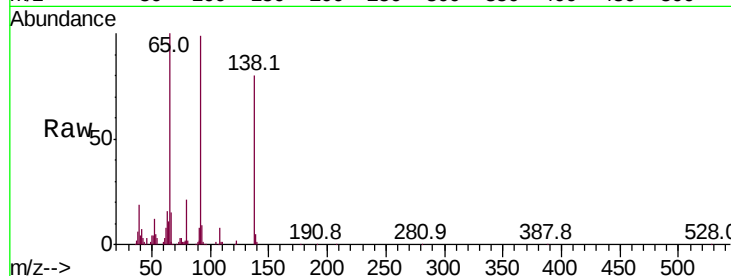
Tot Ion:138 Resp: 86352

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.8

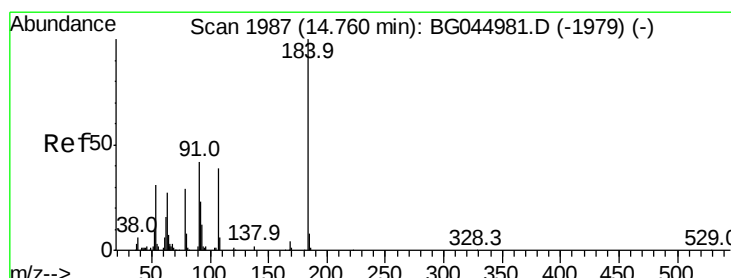
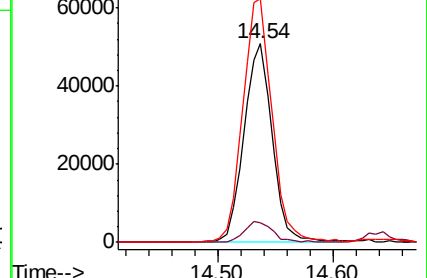
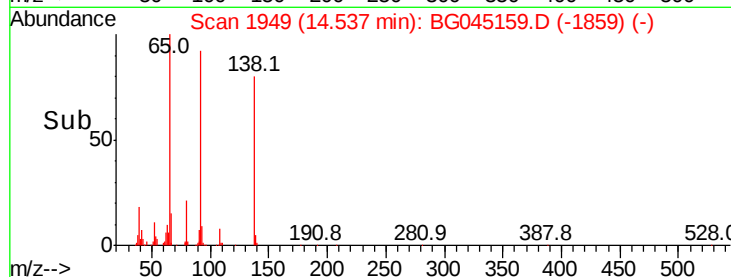
92 122.7 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.783 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

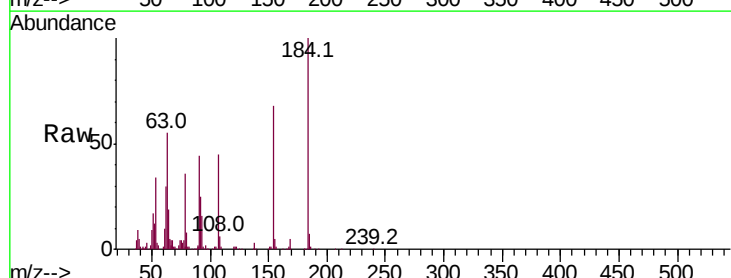
Tgt Ion:184 Resp: 188416

Ion Ratio Lower Upper

184 100

63 55.0 41.5 62.3

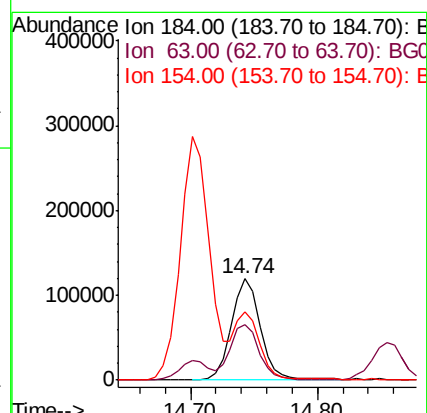
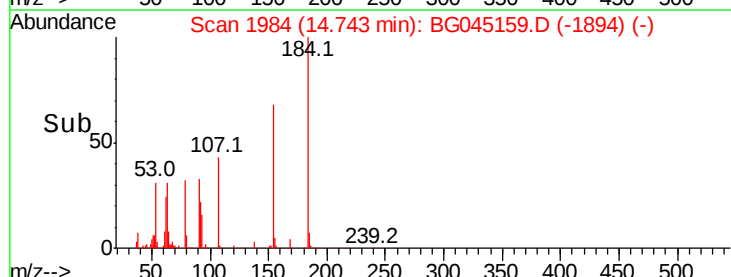
154 67.6 52.3 78.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.987 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

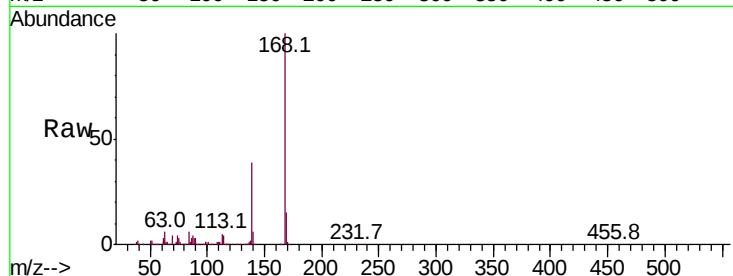
BNA_G

ClientSampleId :

PB128463BS

Tot Ion:168 Resp: 726849

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.4	45.6
169	14.8	11.0	16.4

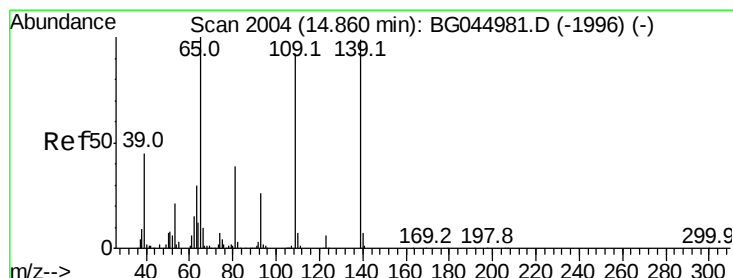
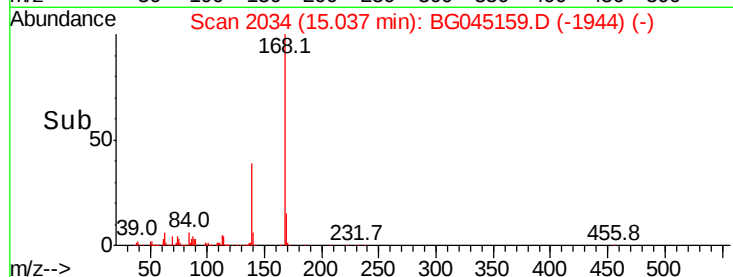
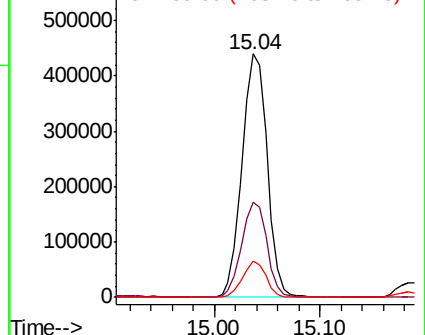


Abundance

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: 85.672 ng

RT: 14.85 min Scan# 2003

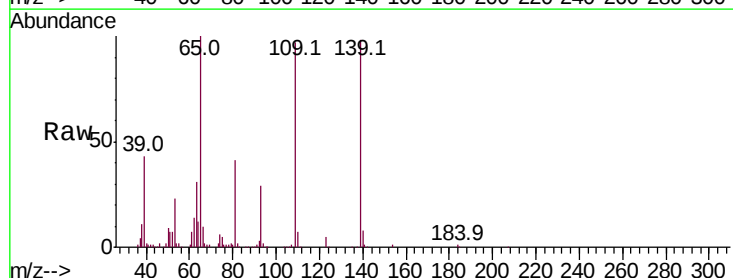
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:139 Resp: 246154

Ion	Ratio	Lower	Upper
139	100		
109	99.4	73.6	113.6
65	102.4	81.2	121.2

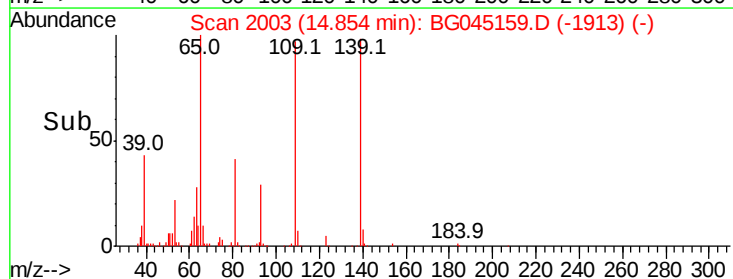
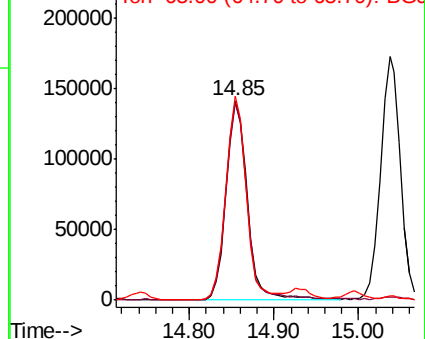


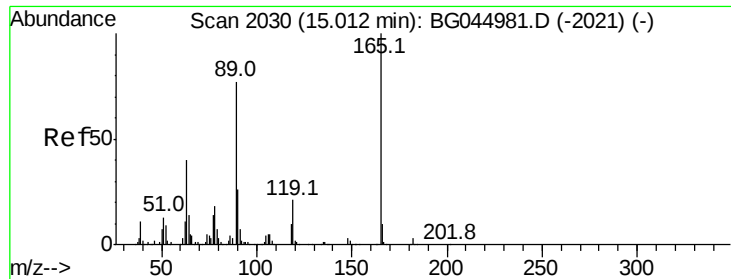
Abundance

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

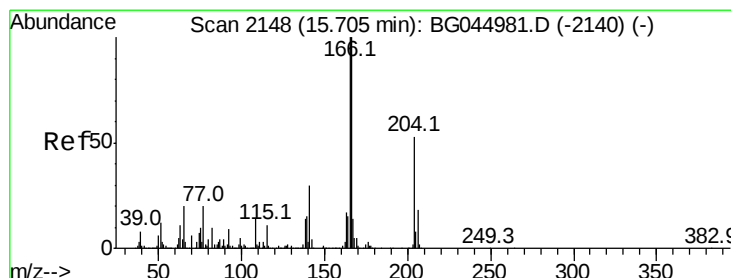
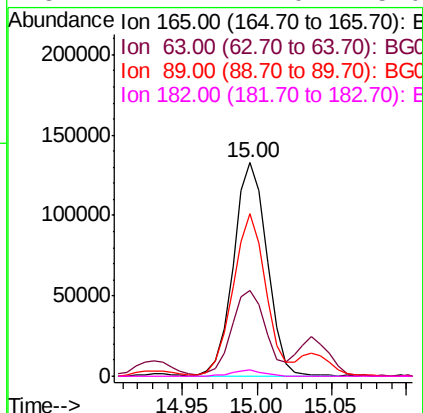
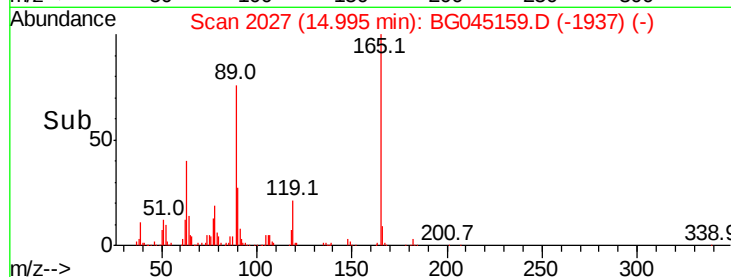
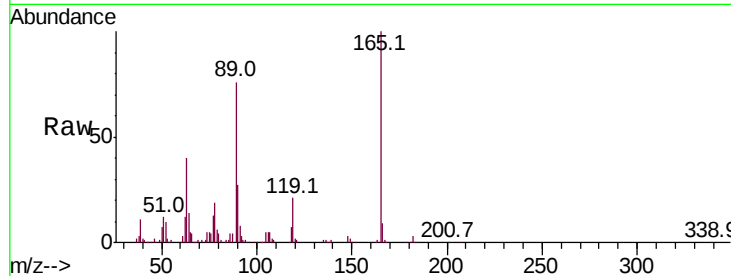




#57
2,4-Dinitrotoluene
Concen: 42.185 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

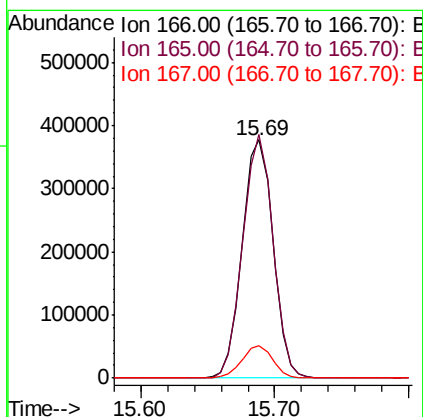
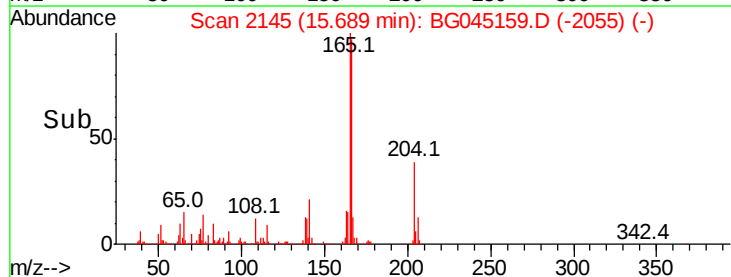
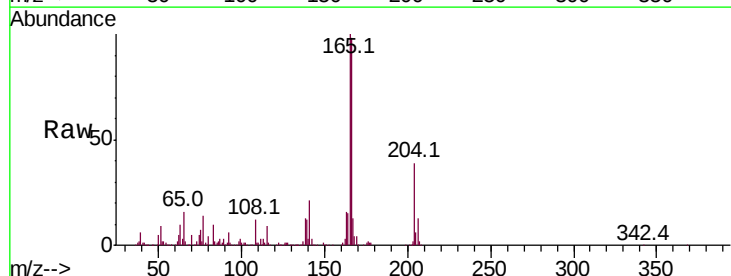
Instrument :
BNA_G
ClientSampleId :
PB128463BS

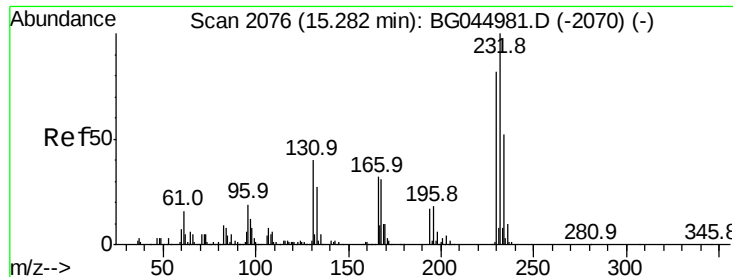
Tot Ion:165 Resp: 208292
Ion Ratio Lower Upper
165 100
63 40.3 32.2 48.2
89 76.0 61.7 92.5
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.711 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion:166 Resp: 603949
Ion Ratio Lower Upper
166 100
165 102.2 79.9 119.9
167 13.7 11.4 17.0

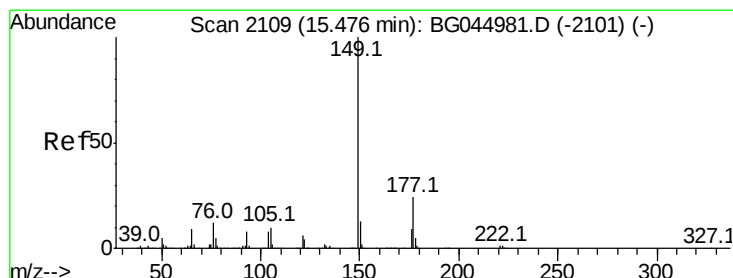
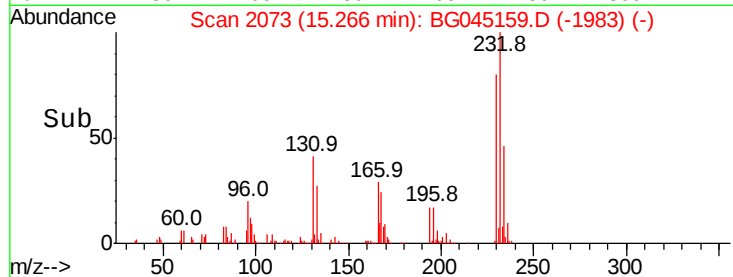
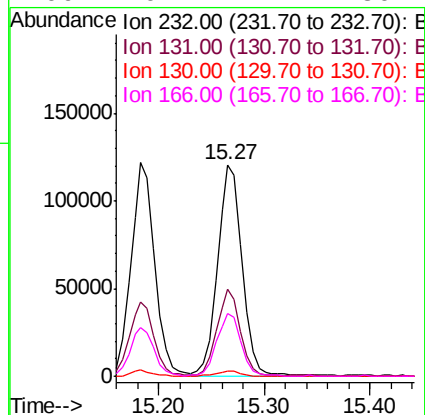
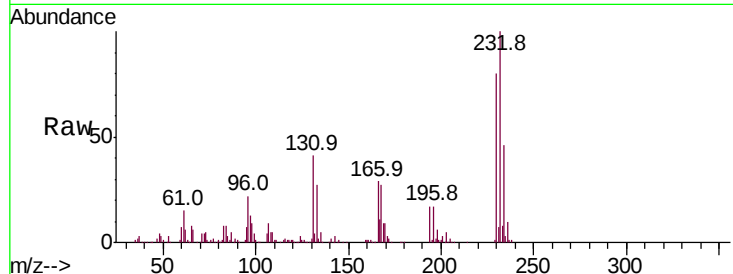




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.724 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

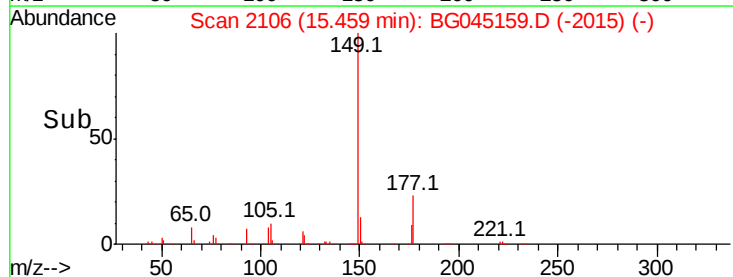
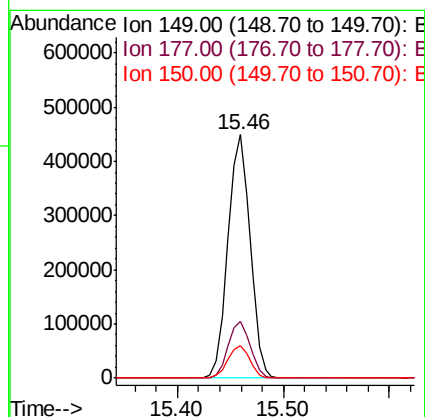
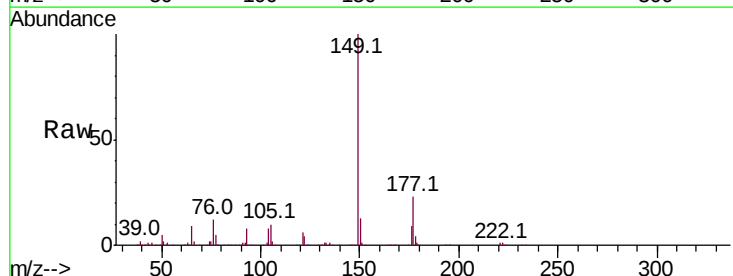
Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

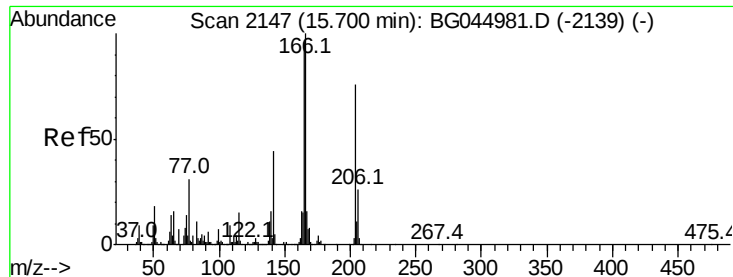
Tot Ion:	232	Resp:	195225
Ion	Ratio	Lower	Upper
232	100		
131	39.2	32.2	48.2
130	2.4	2.2	3.2
166	29.2	24.2	36.4



#60
 Diethylphthalate
 Concen: 41.521 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion:	149	Resp:	653919
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.9	28.3
150	13.2	10.6	15.8

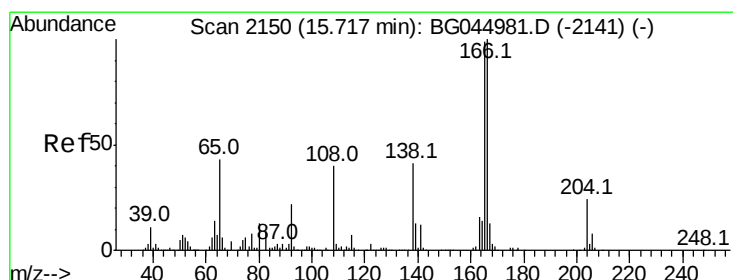
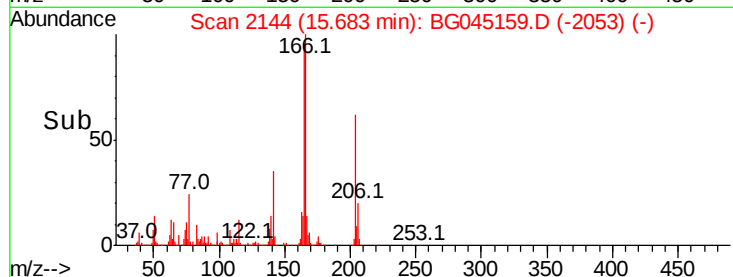
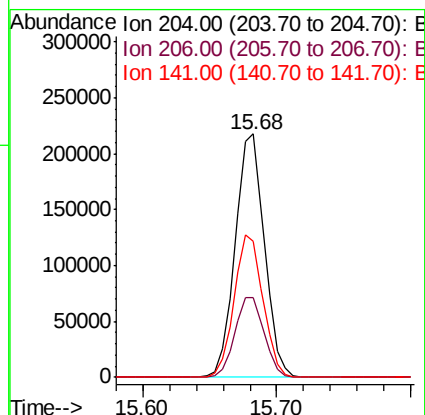
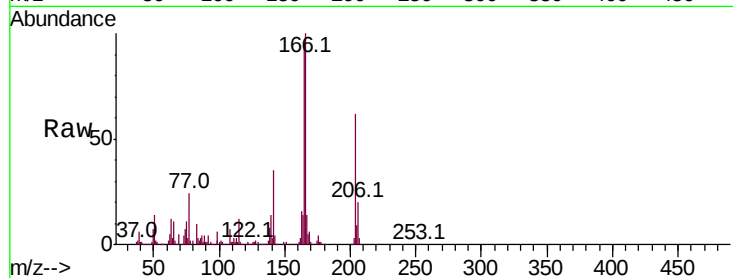




#61
4-Chlorophenyl-phenylether
Concen: 40.677 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

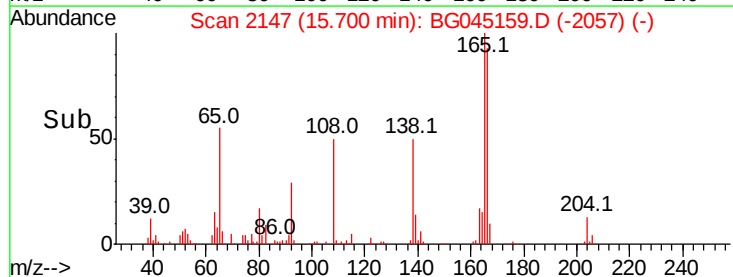
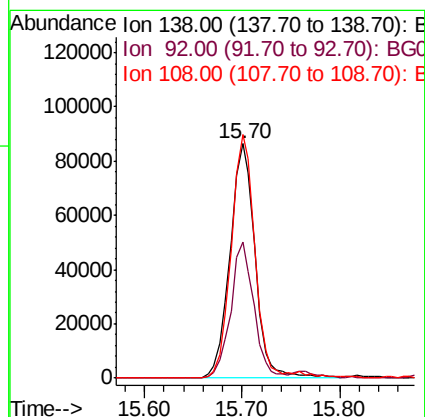
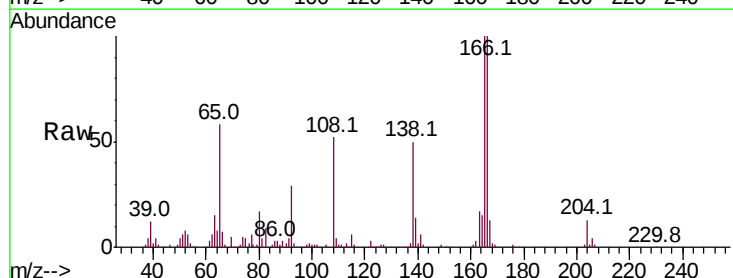
Instrument :
BNA_G
ClientSampleId :
PB128463BS

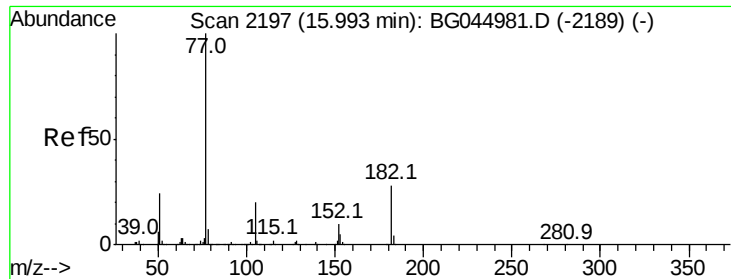
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.9	40.3
141	56.0	46.3	69.5



#62
4-Nitroaniline
Concen: 40.159 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	33.6	73.6
108	103.8	78.2	118.2





#63

Azobenzene

Concen: 42.600 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

Tot Ion: 77 Resp: 618559

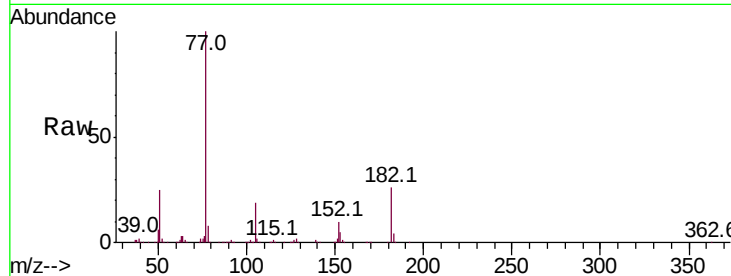
Ion Ratio Lower Upper

77 100

182 25.9 8.4 48.4

105 18.8 0.5 40.5

51 25.1 4.4 44.4

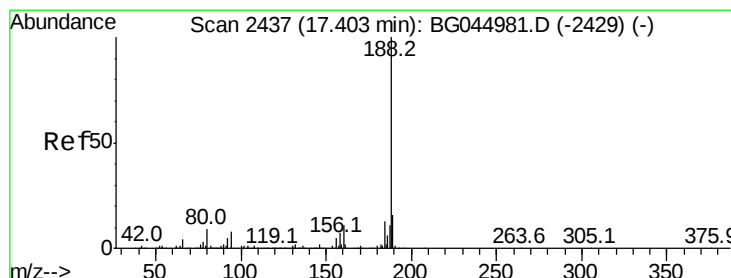
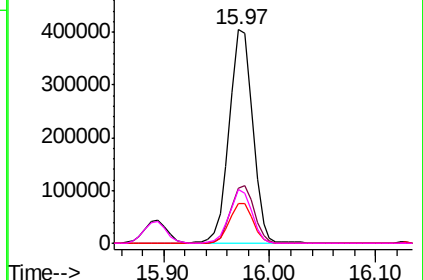
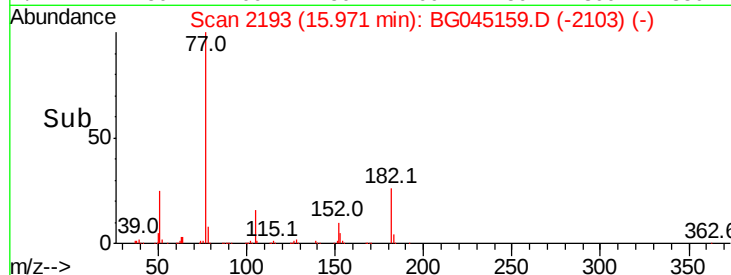


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

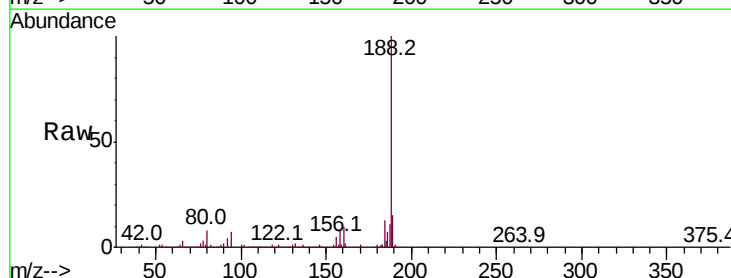
Tgt Ion: 188 Resp: 449779

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

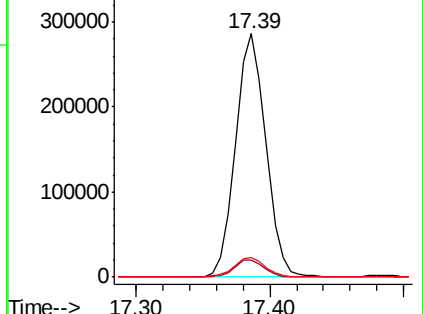
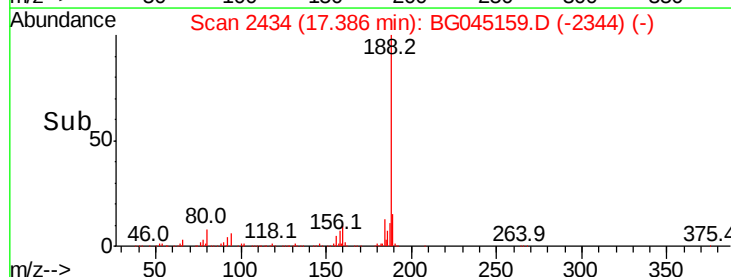
80 8.2 7.0 10.6

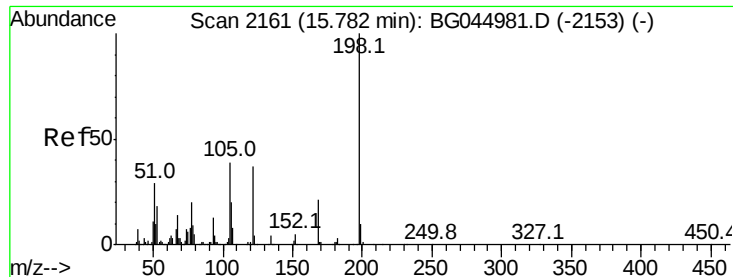


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 47.573 ng

RT: 15.76 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

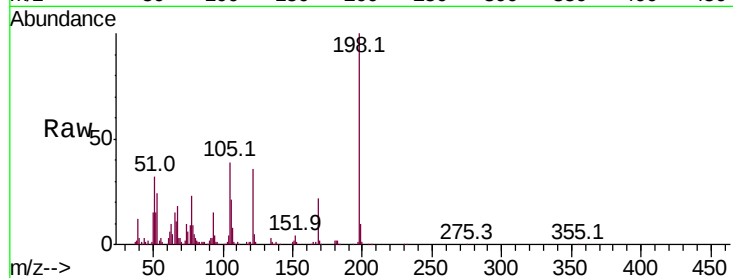
Tot Ion:198 Resp: 140646

Ion	Ratio	Lower	Upper
198	100		
51	32.4	10.0	50.0
105	39.2	18.9	58.9

198 100

51 32.4 10.0 50.0

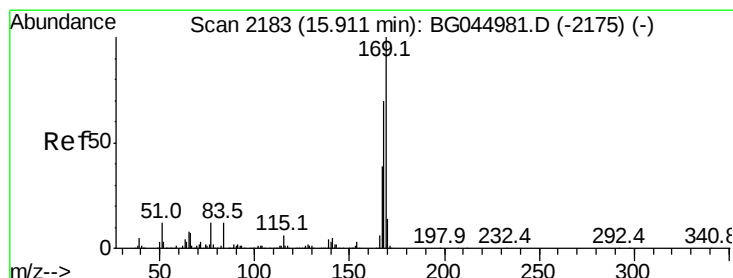
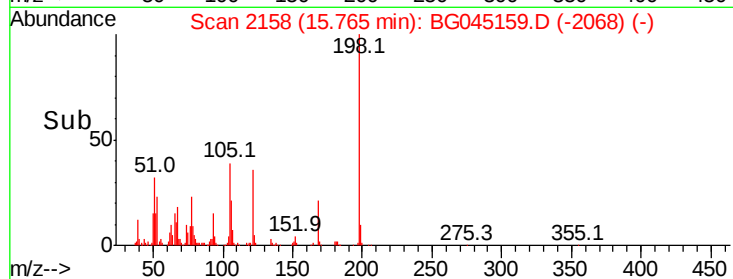
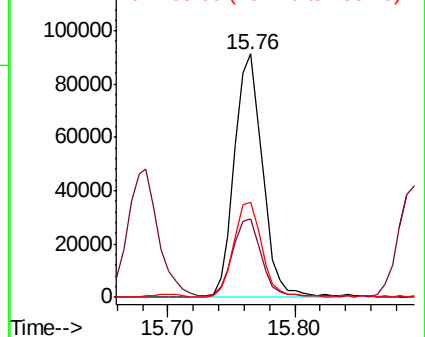
105 39.2 18.9 58.9



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: 42.664 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

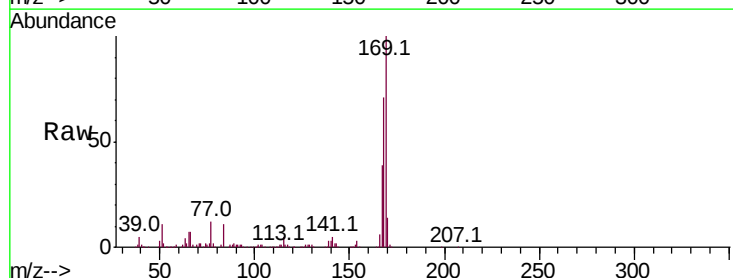
Tgt Ion:169 Resp: 551350

Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.8	83.8
167	38.8	30.8	46.2

169 100

168 70.8 55.8 83.8

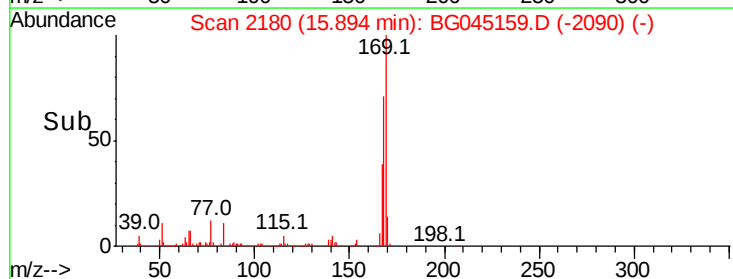
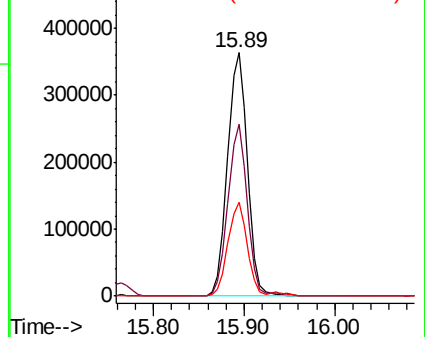
167 38.8 30.8 46.2

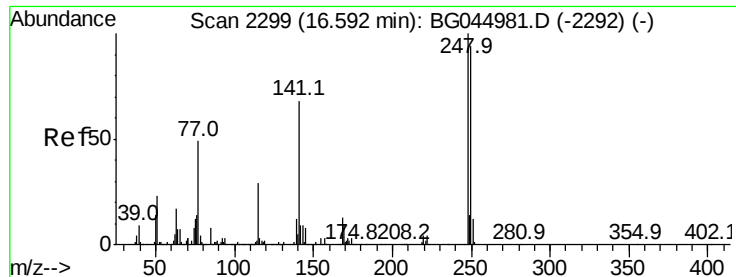


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

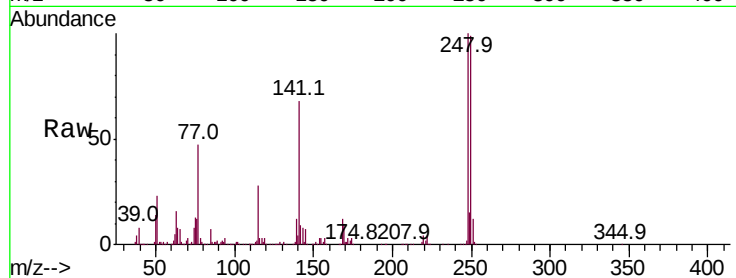




#67
4-Bromophenyl-phenylether
Concen: 39.525 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	75.4	113.2
141	67.9	54.4	81.6

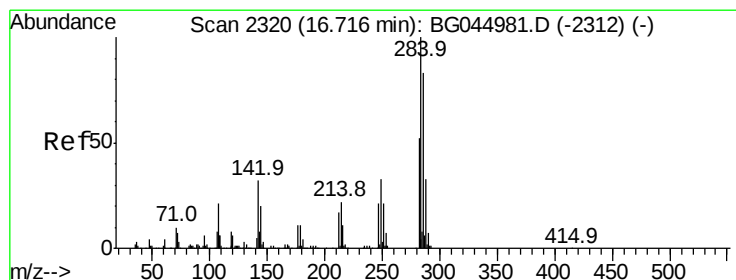
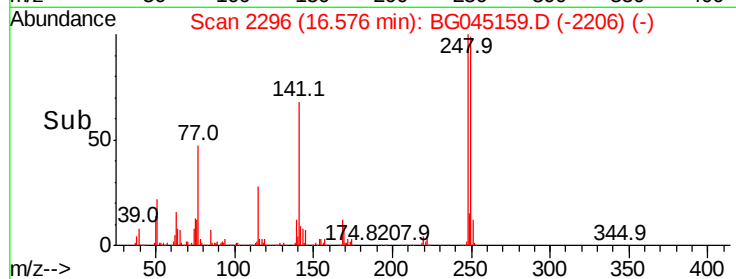
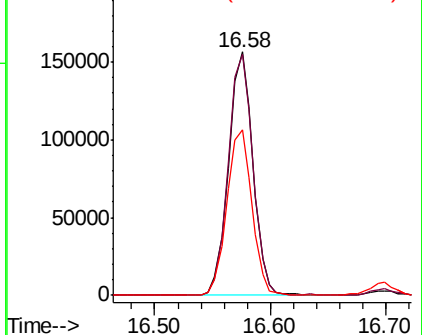


Abundance

Ion 248.00 (247.70 to 248.70): E

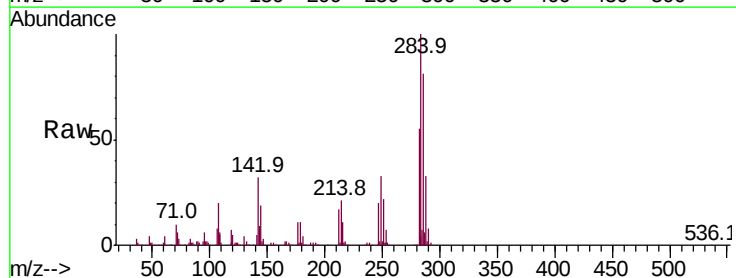
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.370 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.8	38.6
249	33.2	26.6	39.8

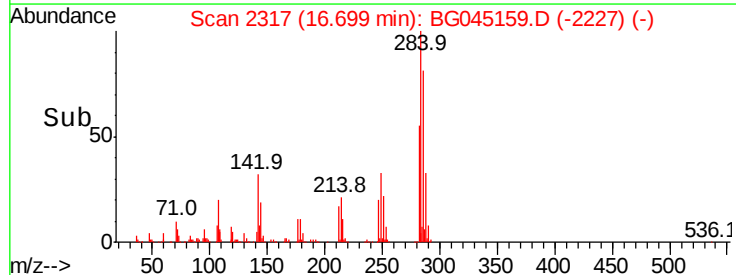
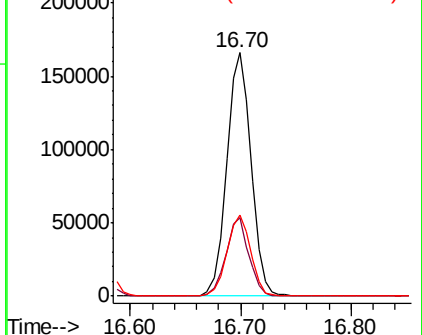


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 50.678 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

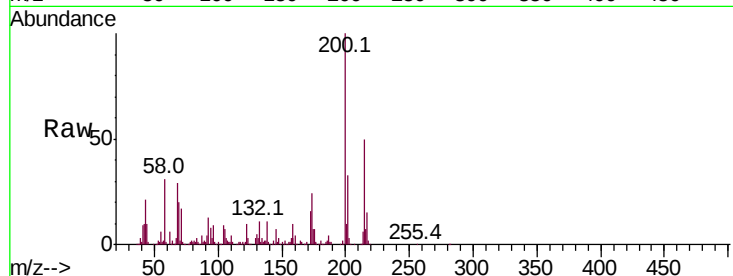
Tot Ion:200 Resp: 236030

Ion Ratio Lower Upper

200 100

173 24.3 4.5 44.5

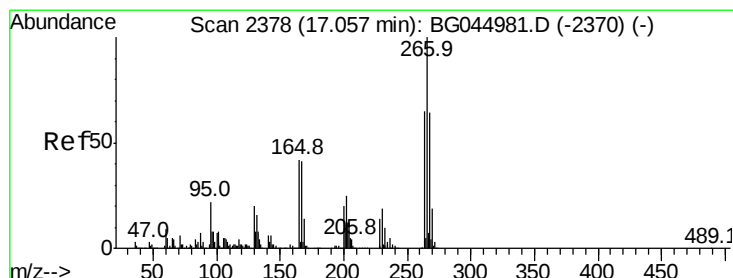
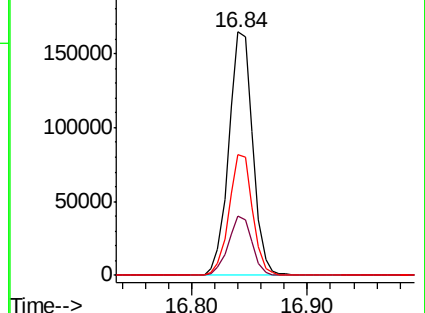
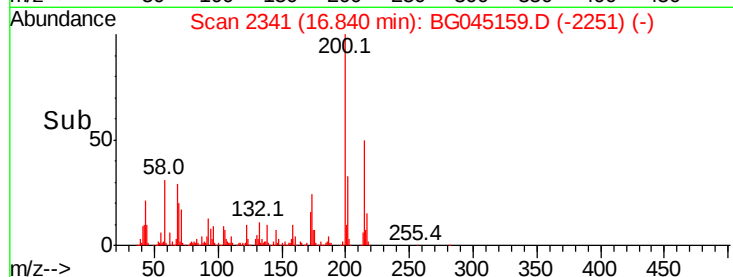
215 49.8 30.0 70.0



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: 82.673 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

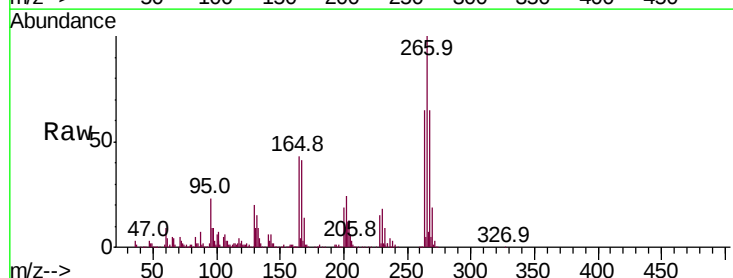
Tgt Ion:266 Resp: 305208

Ion Ratio Lower Upper

266 100

268 64.8 51.5 77.3

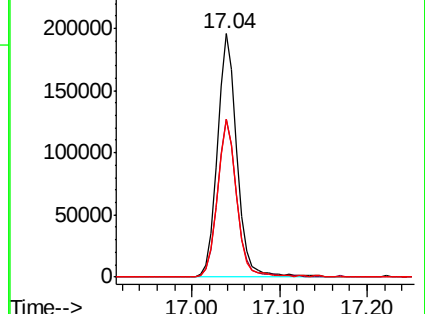
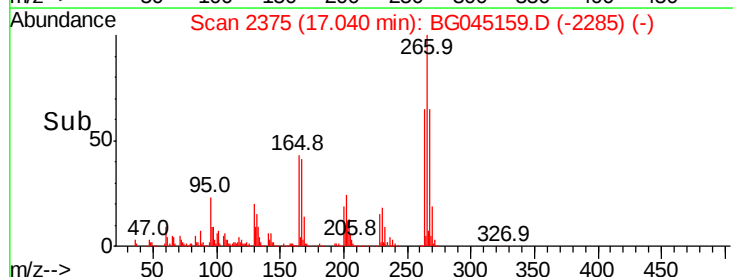
264 64.7 52.2 78.4

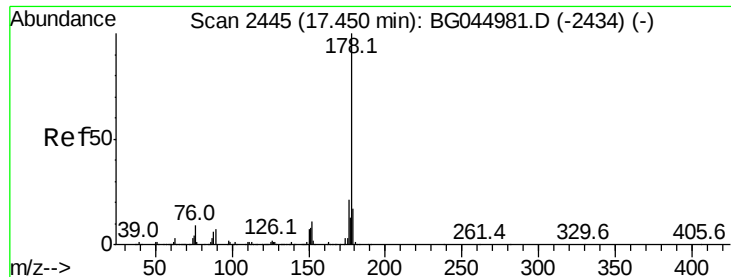


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.297 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

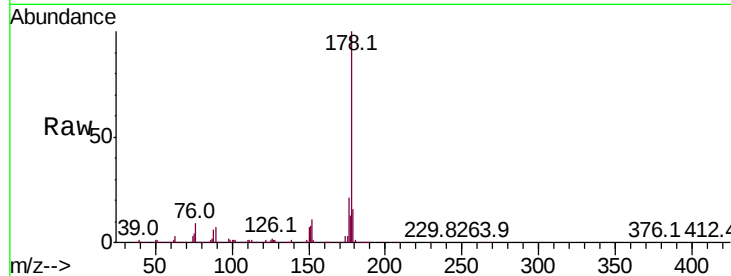
BNA_G

ClientSampleId :

PB128463BS

Tot Ion:178 Resp: 1000731

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.8	25.2
179	16.4	13.2	19.8



Abundance

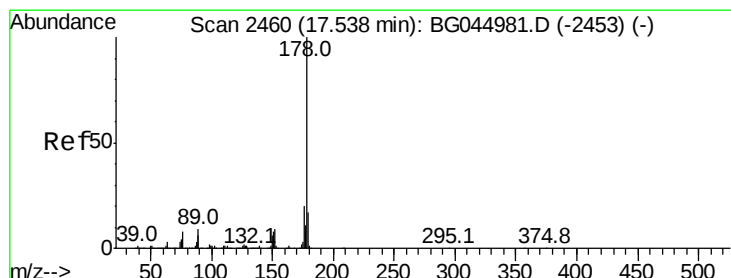
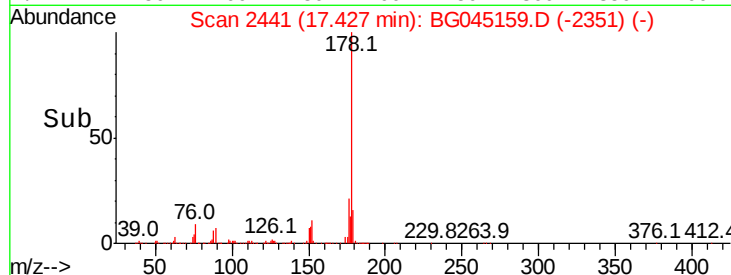
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.43

Time-->



#72

Anthracene

Concen: 44.359 ng

RT: 17.52 min Scan# 2457

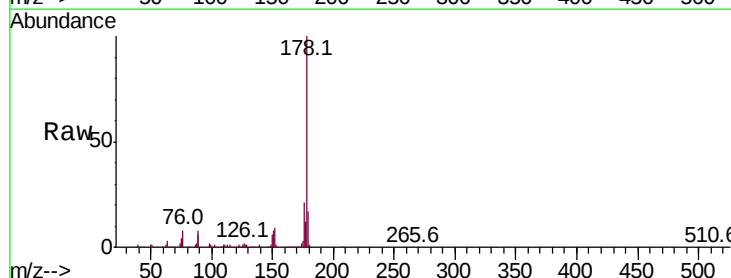
Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:178 Resp: 1028450

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.0	24.0
179	16.9	13.6	20.4



Abundance

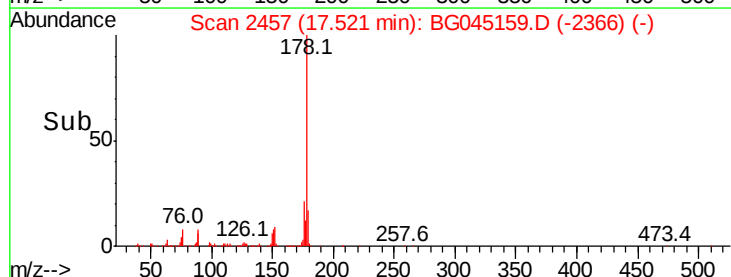
Ion 178.00 (177.70 to 178.70): E

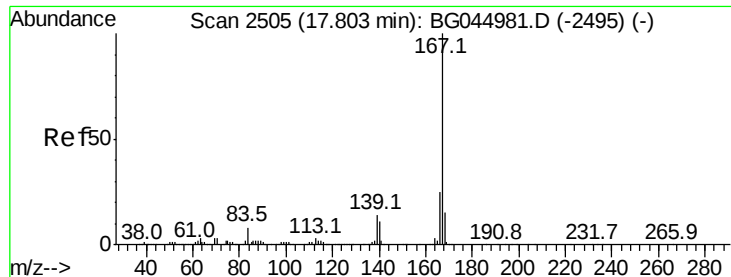
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.52

Time-->

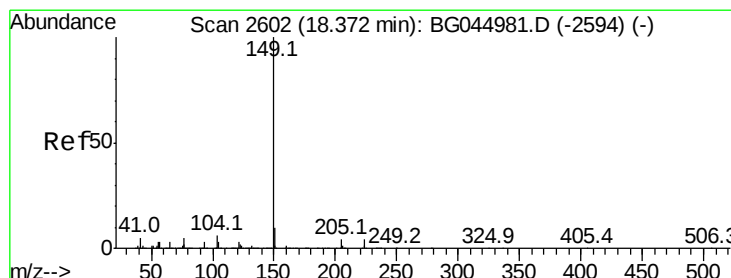
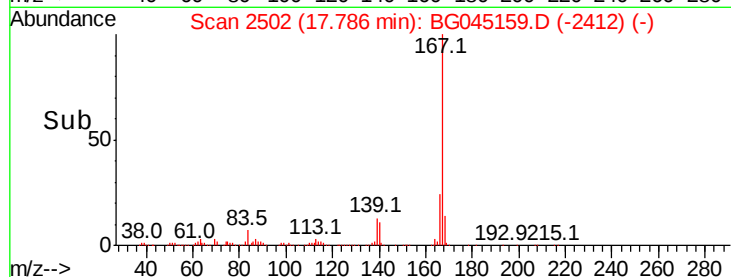
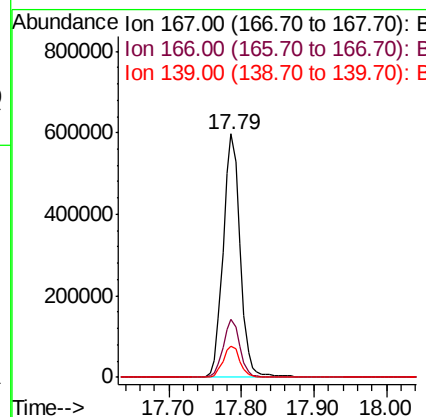
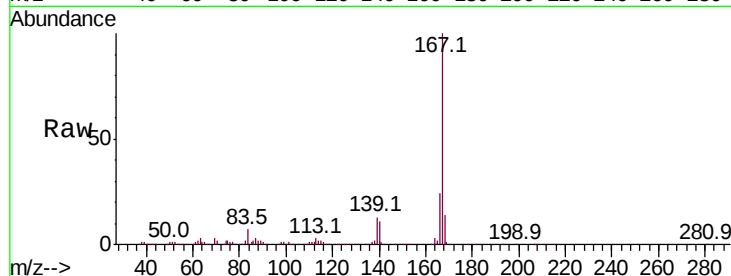




#73
 Carbazole
 Concen: 41.515 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

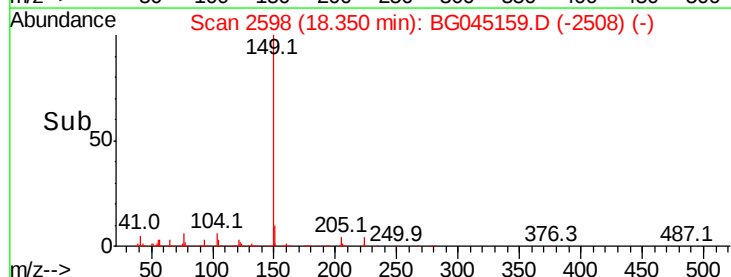
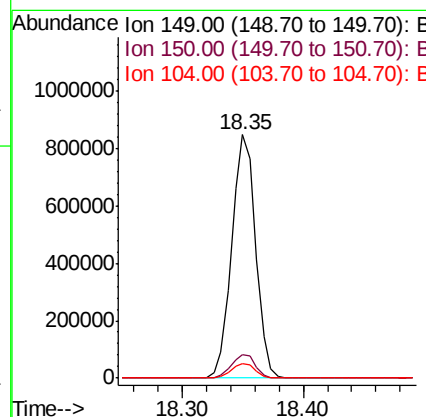
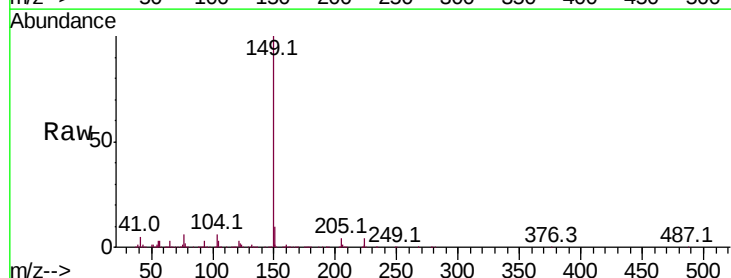
Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

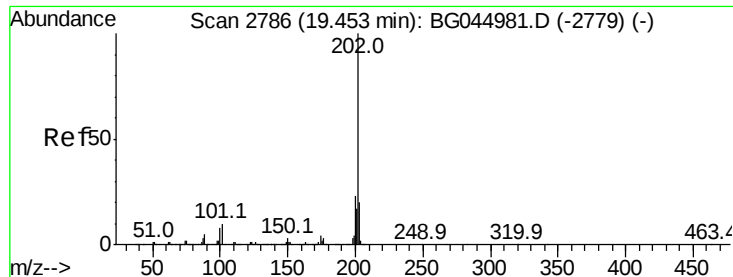
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.8	29.6
139	12.9	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 45.495 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	6.1	4.8	7.2





#75

Fluoranthene

Concen: 47.853 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

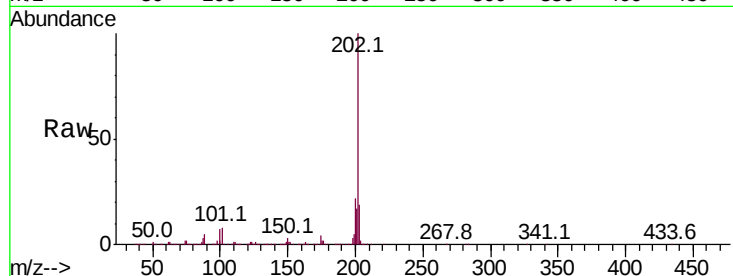
BNA_G

ClientSampleId :

PB128463BS

Tot Ion:202 Resp: 1289367

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.6
203	19.1	0.0	39.7

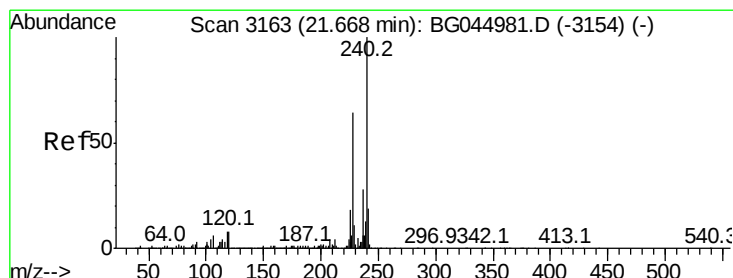
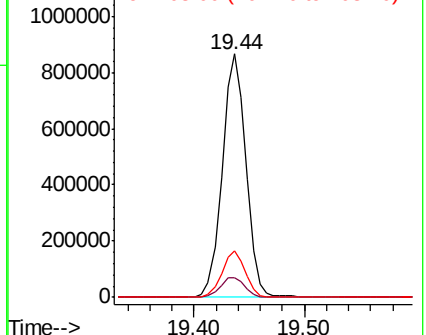
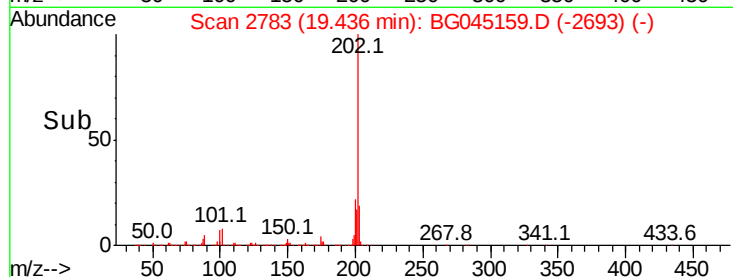


Abundance

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# 3160

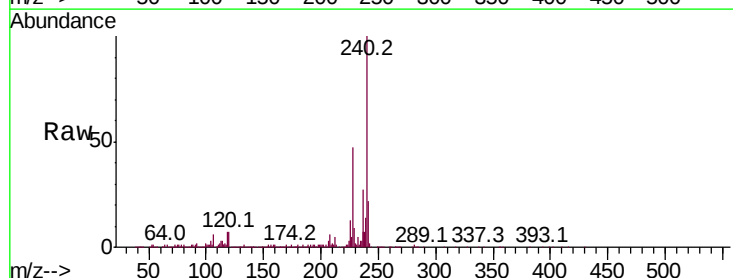
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:240 Resp: 435446

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.6	10.0
236	26.7	22.2	33.2

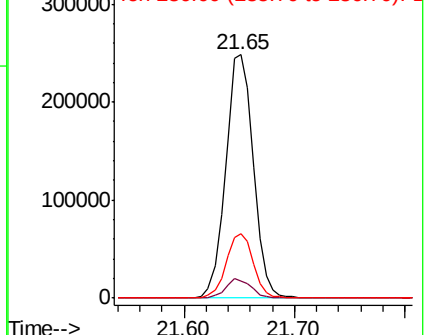
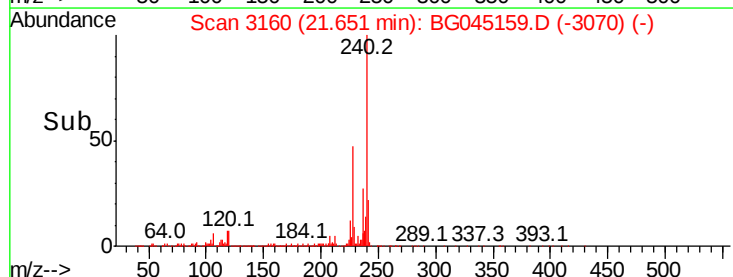


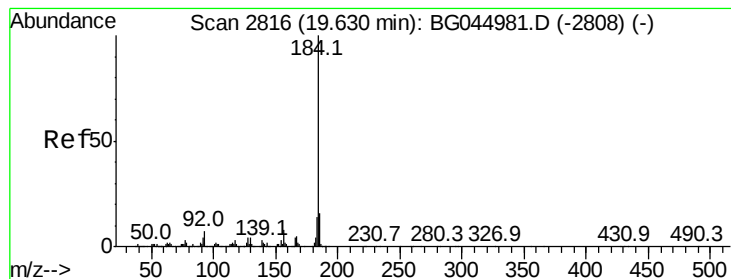
Abundance

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: 53.151 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

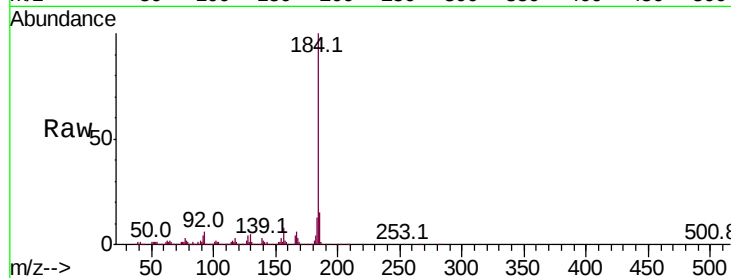
BNA_G

ClientSampleId :

PB128463BS

Tot Ion:184 Resp: 656748

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	19.0
183	12.9	11.3	16.9

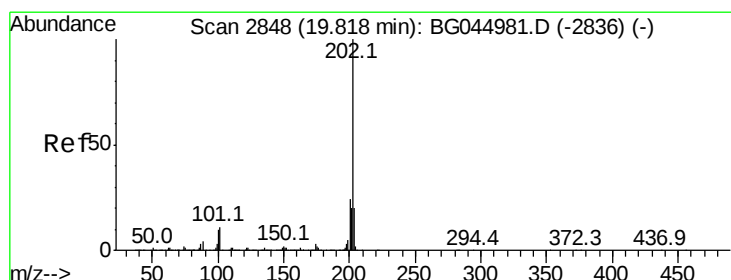
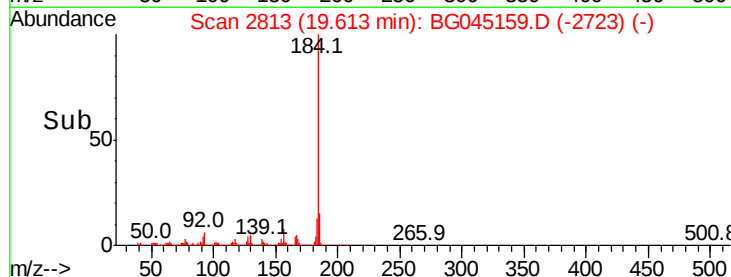
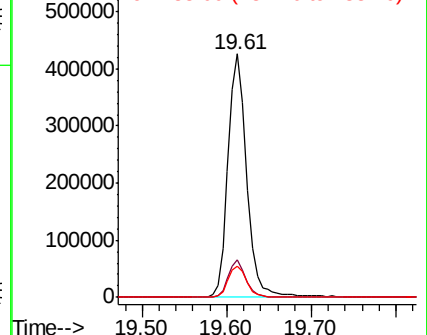


Abundance

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



#78

Pyrene

Concen: 42.611 ng

RT: 19.80 min Scan# 2845

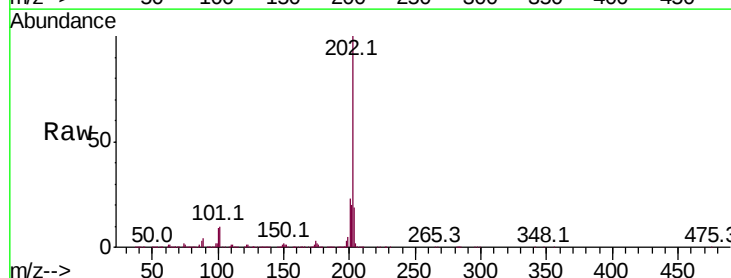
Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:202 Resp: 1279182

Ion	Ratio	Lower	Upper
202	100		
200	23.2	19.0	28.6
203	19.3	16.1	24.1

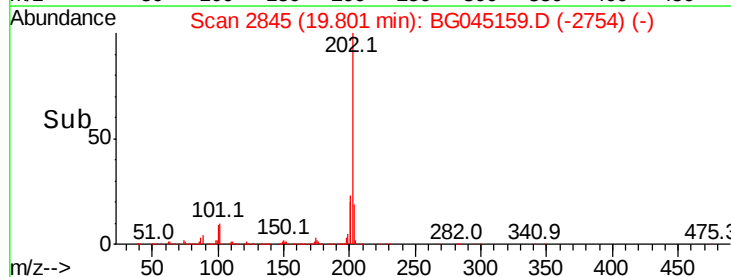
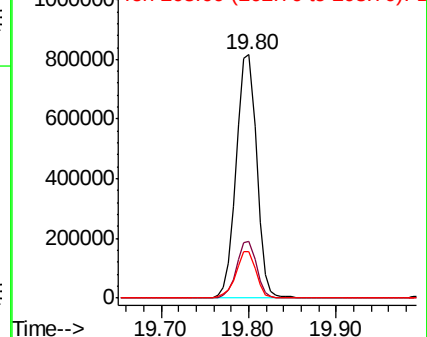


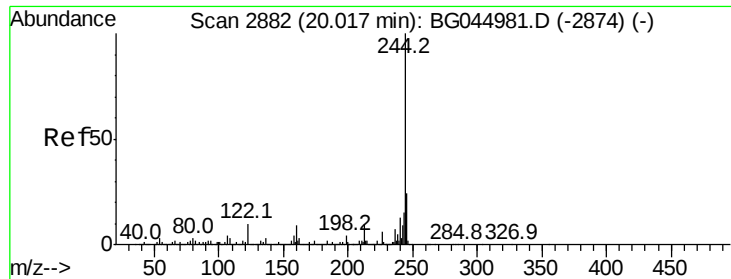
Abundance

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





#79

Terphenyl-d14

Concen: 91.480 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

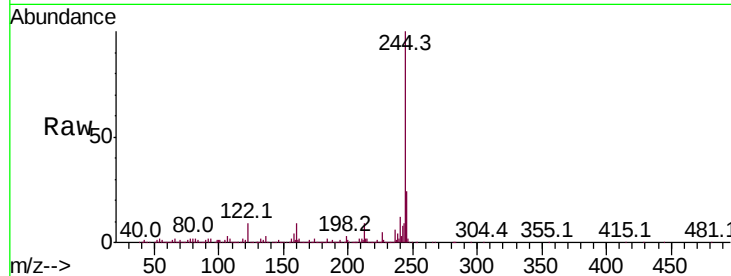
Tot Ion:244 Resp: 1827641

Ion Ratio Lower Upper

244 100

212 9.4 7.9 11.9

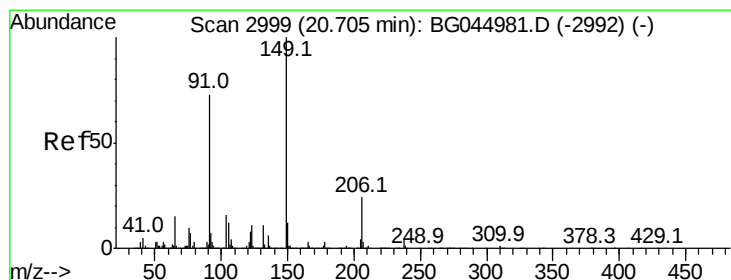
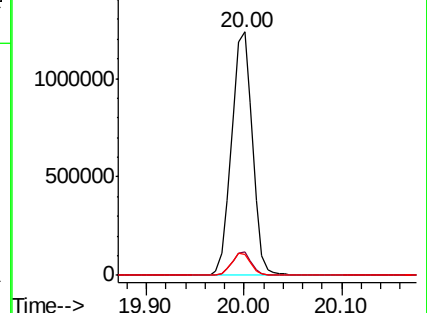
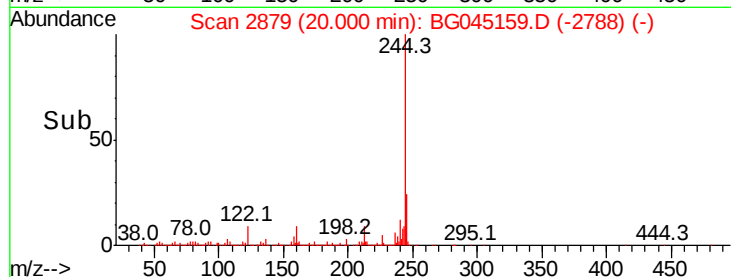
122 8.5 7.7 11.5



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: 42.645 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

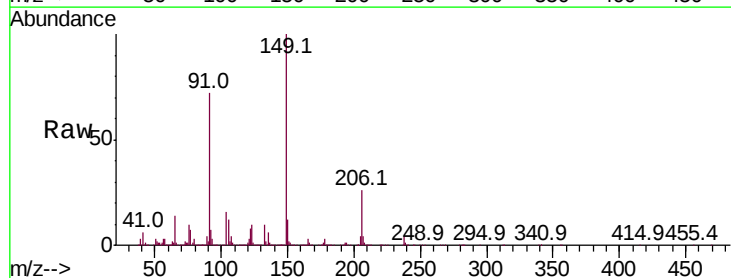
Tgt Ion:149 Resp: 530655

Ion Ratio Lower Upper

149 100

91 72.1 58.5 87.7

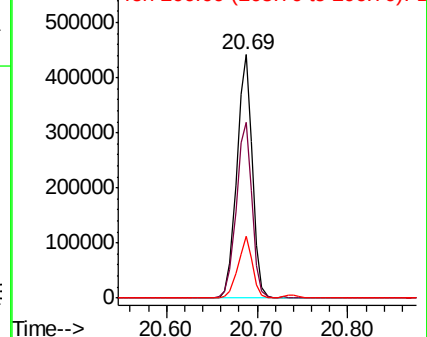
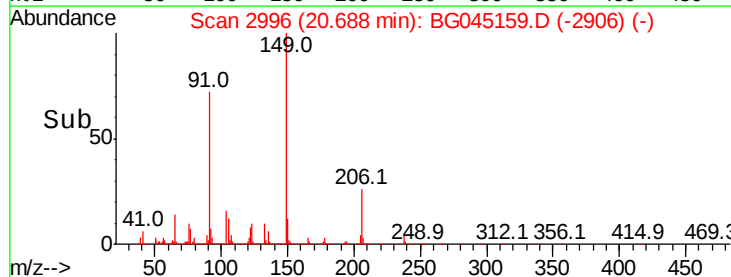
206 25.6 19.2 28.8

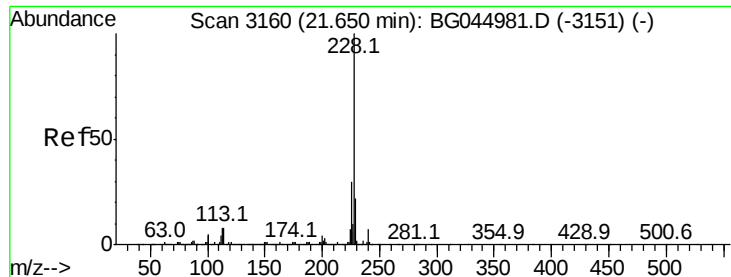


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.882 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

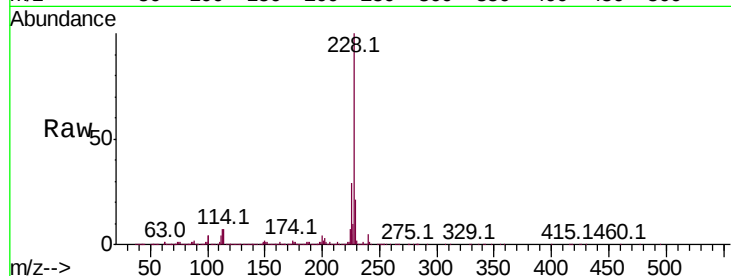
Tot Ion:228 Resp: 1210256

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

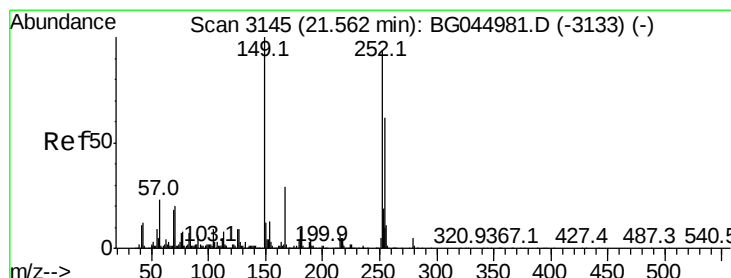
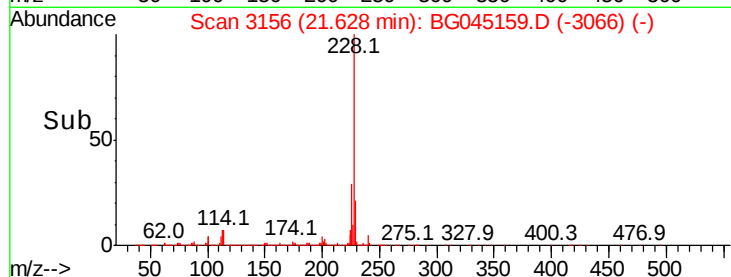
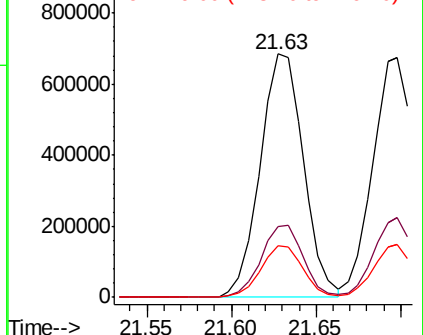
229 21.0 17.5 26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.312 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

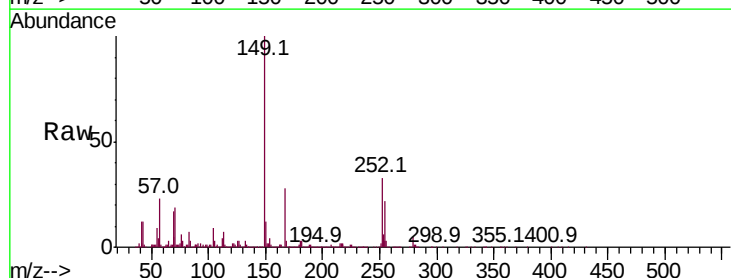
Tgt Ion:252 Resp: 273103

Ion Ratio Lower Upper

252 100

254 66.2 52.6 79.0

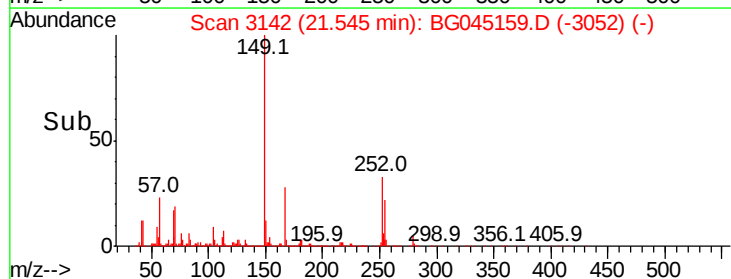
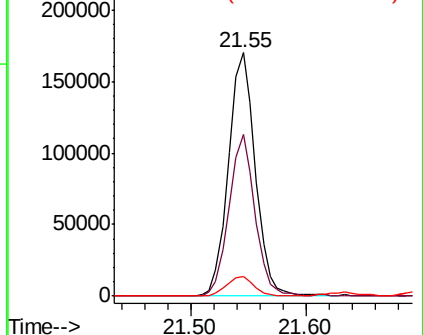
126 7.9 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.225 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

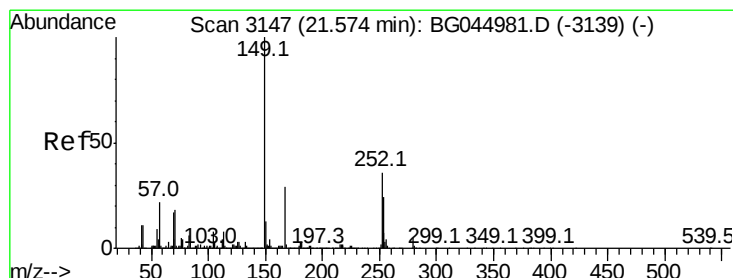
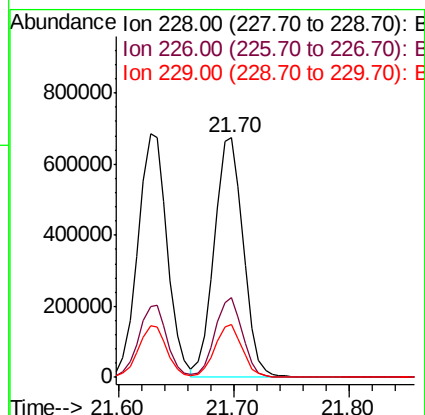
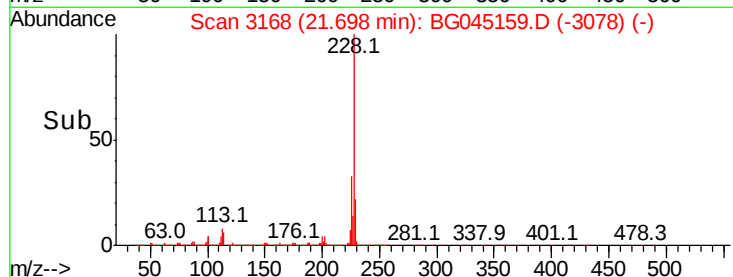
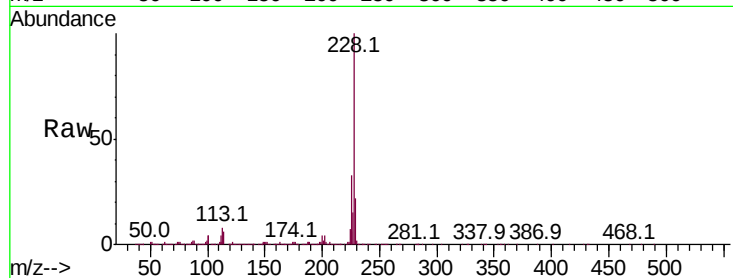
BNA_G

ClientSampleId :

PB128463BS

Tot Ion:228 Resp: 1172133

Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.2	39.4
229	22.2	17.0	25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.584 ng

RT: 21.55 min Scan# 3142

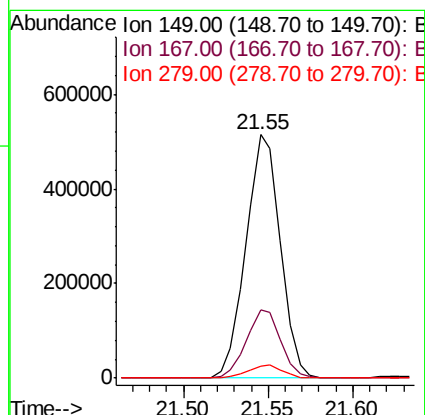
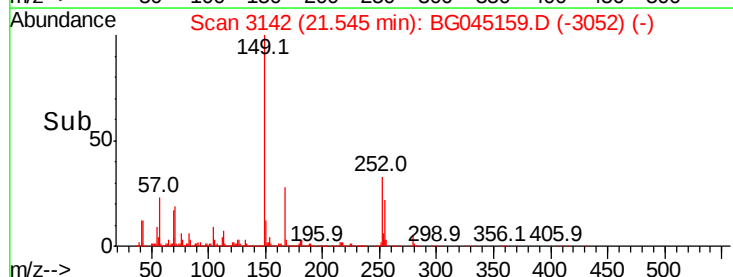
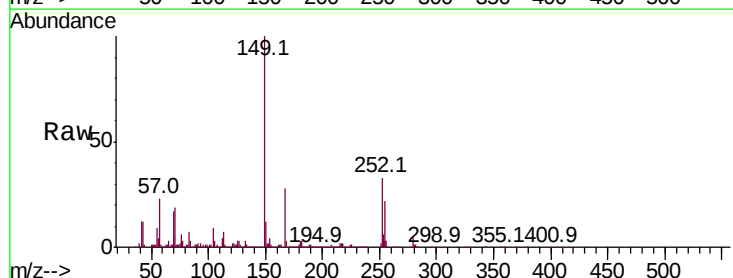
Delta R.T. -0.00 min

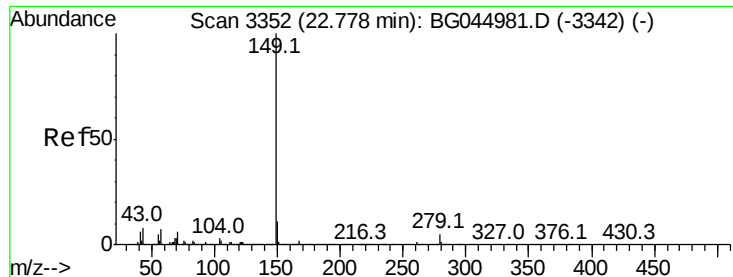
Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:149 Resp: 728791

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.4	35.0
279	4.8	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.822 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

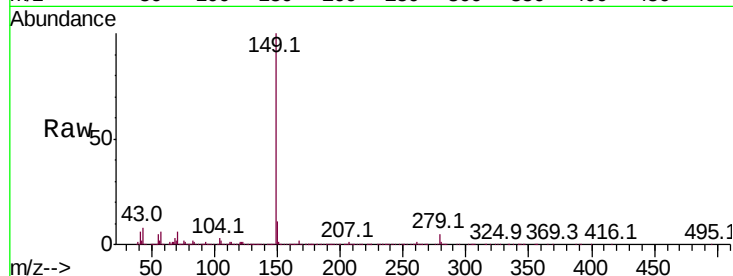
Tot Ion:149 Resp: 1237710

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

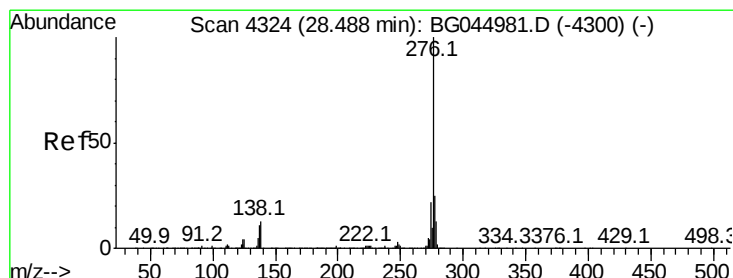
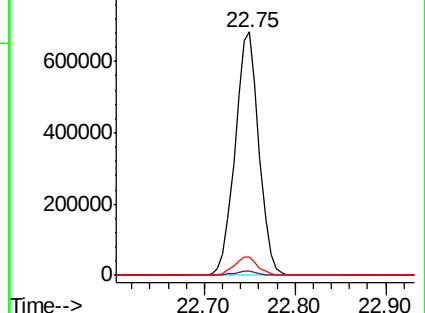
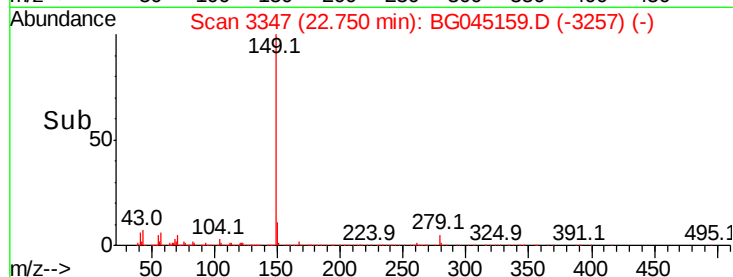
43 7.6 5.7 8.5



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: 42.909 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

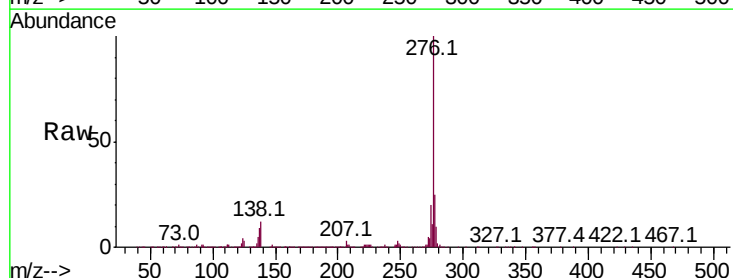
Tgt Ion:276 Resp: 1544843

Ion Ratio Lower Upper

276 100

138 15.6 9.6 14.4#

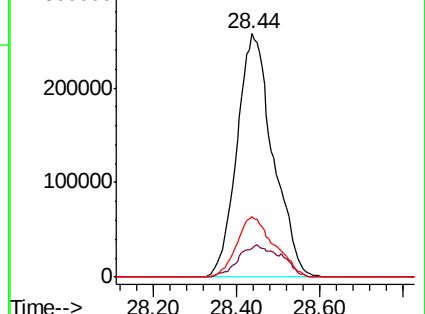
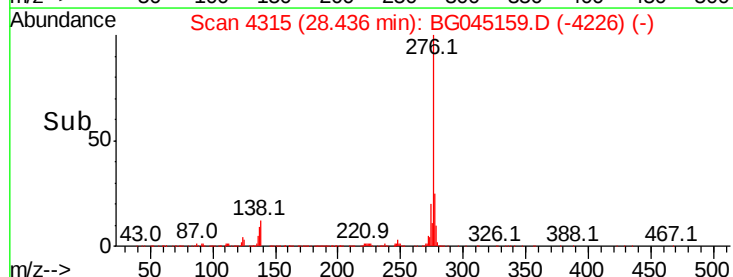
277 25.9 20.6 31.0

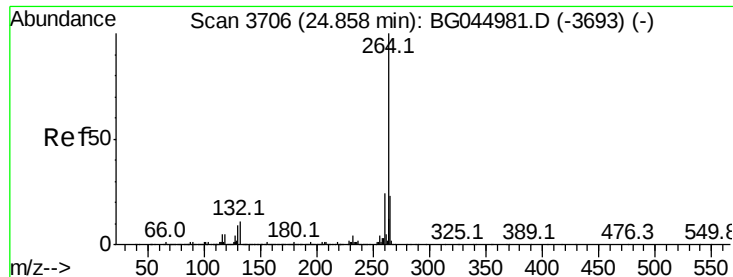


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

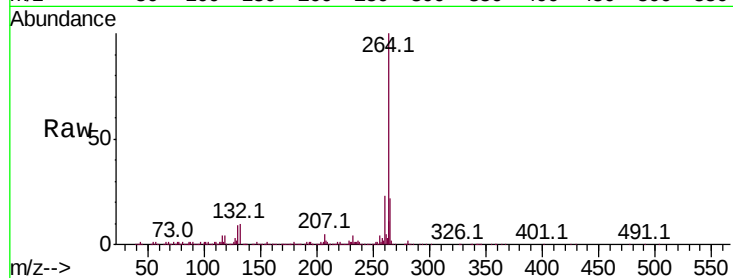
Tot Ion:264 Resp: 485758

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

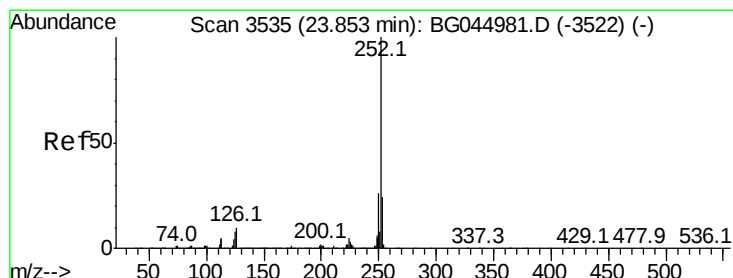
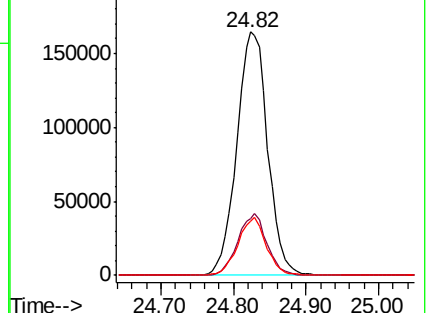
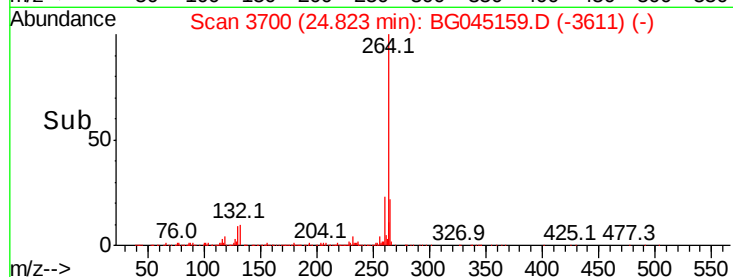
265 22.1 19.0 28.4



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: 43.038 ng

RT: 23.82 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

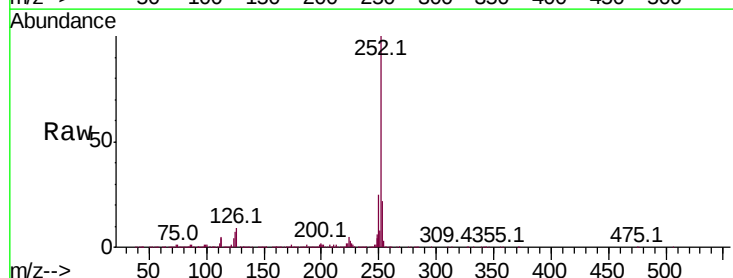
Tgt Ion:252 Resp: 1309536

Ion Ratio Lower Upper

252 100

253 22.4 18.8 28.2

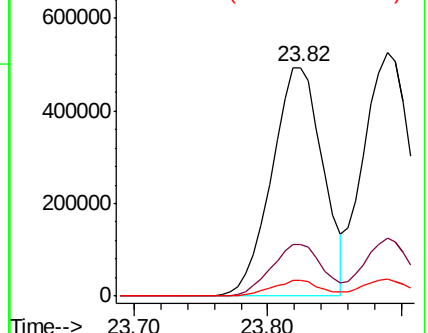
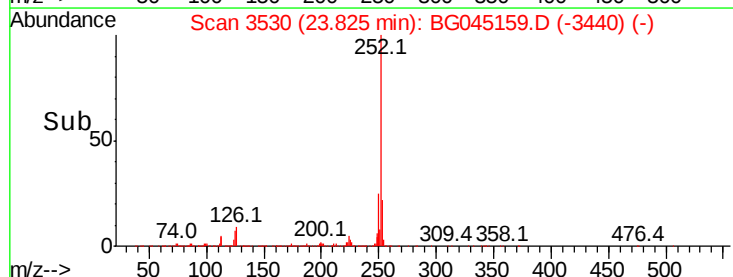
125 6.6 6.2 9.4

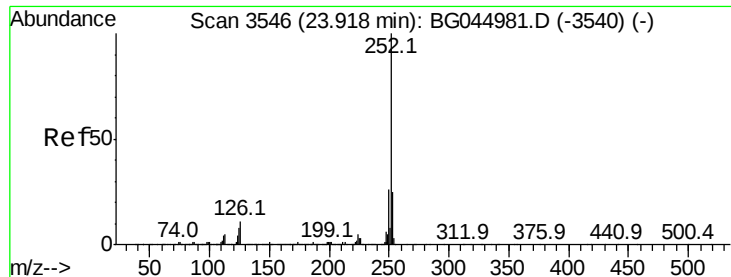


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

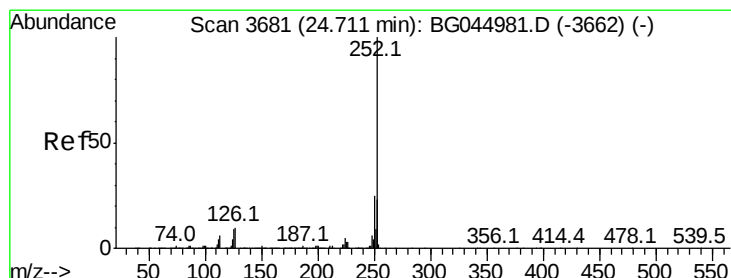
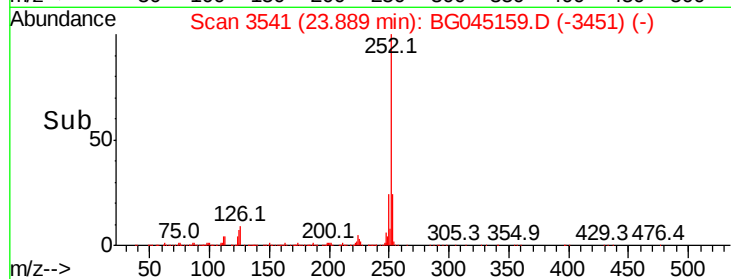
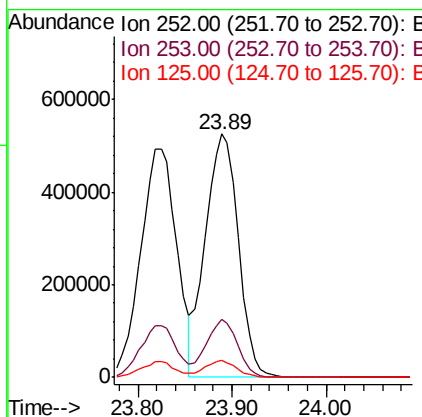
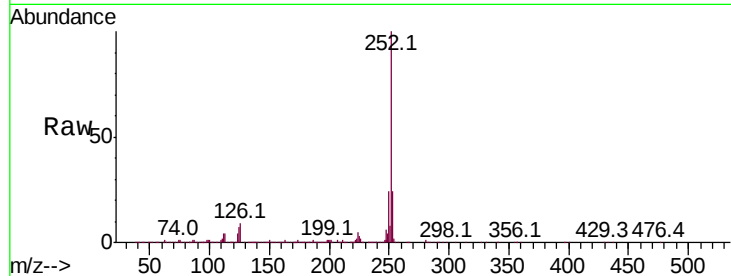




#89
Benzo(k)fluoranthene
Concen: 44.511 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

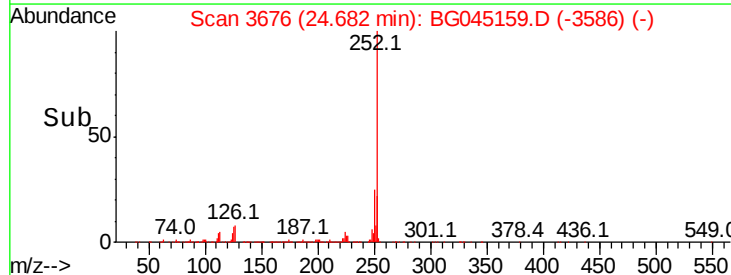
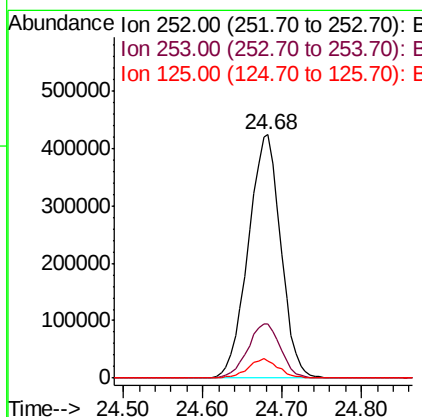
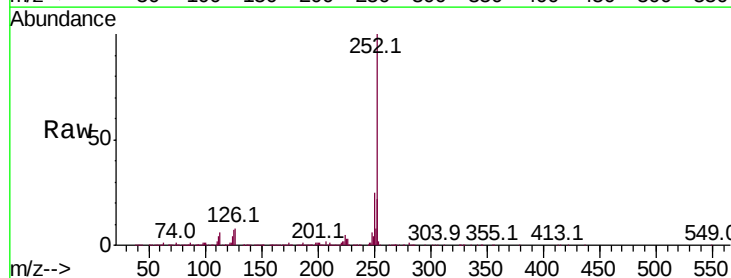
Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion:252 Resp: 1287991
Ion Ratio Lower Upper
252 100
253 23.6 19.2 28.8
125 6.8 5.9 8.9



#90
Benzo(a)pyrene
Concen: 42.200 ng
RT: 24.68 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion:252 Resp: 1212349
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 7.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 43.560 ng

RT: 28.50 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

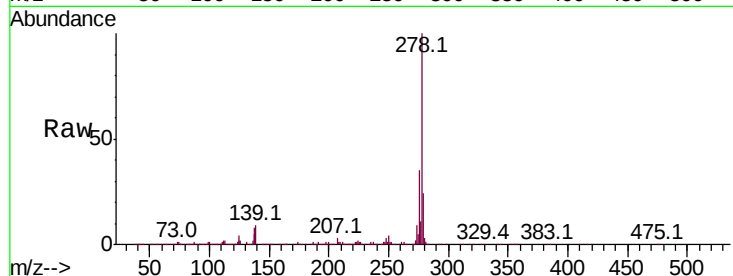
Tot Ion:278 Resp: 1260985

Ion Ratio Lower Upper

278 100

139 9.4 9.0 13.6

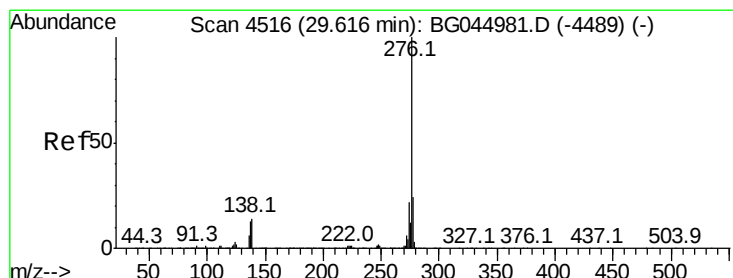
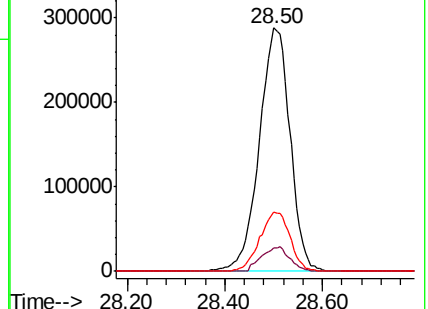
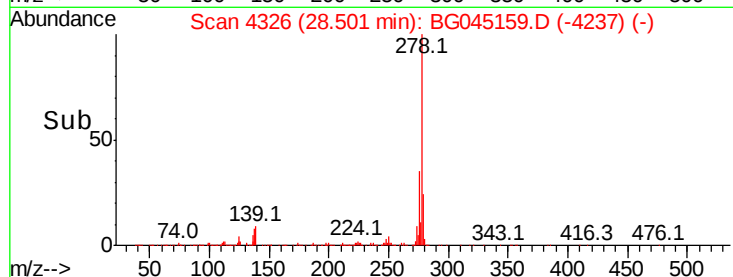
279 24.3 18.4 27.6



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: 42.987 ng

RT: 29.56 min Scan# 4507

Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

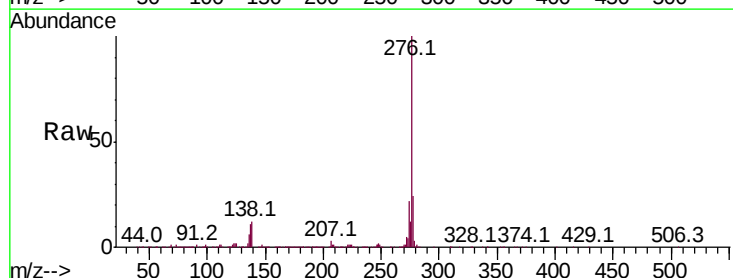
Tgt Ion:276 Resp: 1247563

Ion Ratio Lower Upper

276 100

277 24.2 19.3 28.9

138 11.7 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

