

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045631.D
 Acq On : 6 Jun 2020 2:18
 Operator : CG/JU
 Sample : PB129334BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

Quant Time: Jun 06 04:44:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60871	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	235850	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	164703	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	379441	20.00	ng	0.00
76) Chrysene-d12	21.60	240	376642	20.00	ng	0.00
87) Perylene-d12	24.75	264	402882	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	395138	126.86	ng	0.00
7) Phenol-d6	7.15	99	552875	124.71	ng	0.00
23) Nitrobenzene-d5	9.12	82	351952	81.38	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	250142	118.76	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	783979	80.74	ng	0.00
79) Terphenyl-d14	19.96	244	1368314	84.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	55045	35.638	ng	95
3) Pyridine	3.80	79	122079	28.379	ng	98
4) n-Nitrosodimethylamine	3.72	42	59517	42.281	ng	91
6) Aniline	7.28	93	157599	27.233	ng	99
8) 2-Chlorophenol	7.52	128	144584	42.329	ng	96
9) Benzaldehyde	7.08	77	90026	31.169	ng	93
10) Phenol	7.17	94	188658	41.291	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	131598	36.926	ng	99
12) 1,3-Dichlorobenzene	7.84	146	156283	38.074	ng	98
13) 1,4-Dichlorobenzene	7.99	146	157729	38.938	ng	96
14) 1,2-Dichlorobenzene	8.30	146	149109	38.272	ng	98
15) Benzyl Alcohol	8.20	79	149565	40.840	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	122442	36.195	ng	94
17) 2-Methylphenol	8.42	107	128441	37.557	ng	93
18) Hexachloroethane	9.03	117	59750	38.513	ng	85
19) n-Nitroso-di-n-propylamine	8.76	70	117734	38.405	ng	98
20) 3+4-Methylphenols	8.75	107	170525	36.617	ng	94
22) Acetophenone	8.77	105	215845	38.613	ng	# 96
24) Nitrobenzene	9.16	77	181665	39.204	ng	93
25) Isophorone	9.68	82	321204	37.711	ng	98
26) 2-Nitrophenol	9.87	139	81307	41.017	ng	95
27) 2,4-Dimethylphenol	9.94	122	131690	44.792	ng	94
28) bis(2-Chloroethoxy)methane	10.16	93	179394	40.160	ng	97
29) 2,4-Dichlorophenol	10.42	162	143661	41.379	ng	96
30) 1,2,4-Trichlorobenzene	10.62	180	162223	39.543	ng	99
31) Naphthalene	10.81	128	432038	39.310	ng	99
32) Benzoic acid	10.10	122	71006	38.119	ng	95
33) 4-Chloroaniline	10.92	127	99121	21.576	ng	96
34) Hexachlorobutadiene	11.10	225	112701	38.864	ng	98
35) Caprolactam	11.69	113	35781	28.078	ng	96
36) 4-Chloro-3-methylphenol	12.07	107	158984	40.639	ng	95
37) 2-Methylnaphthalene	12.42	142	325667	39.756	ng	97
38) 1-Methylnaphthalene	12.63	142	303139	39.175	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	187006	40.650	ng	99

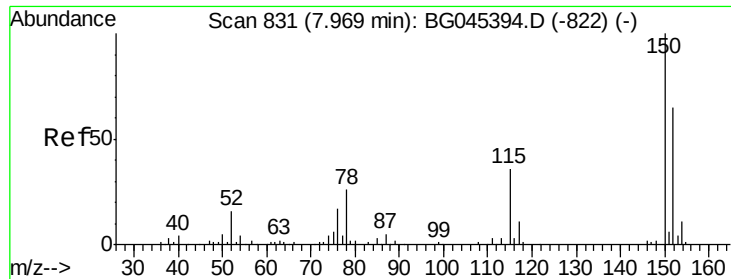
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045631.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	207790	78.256	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	126272	39.513	ng	97
44) 2,4,5-Trichlorophenol	13.12	196	135738	37.169	ng	97
46) 1,1'-Biphenyl	13.43	154	411691	40.680	ng	99
47) 2-Chloronaphthalene	13.47	162	315060	38.338	ng	97
48) 2-Nitroaniline	13.67	65	104011	38.476	ng	94
49) Acenaphthylene	14.31	152	529052	40.079	ng	99
50) Dimethylphthalate	14.05	163	428137	37.893	ng	99
51) 2,6-Dinitrotoluene	14.17	165	97625	38.292	ng	97
52) Acenaphthene	14.66	154	307259	34.774	ng	95
53) 3-Nitroaniline	14.50	138	66225	25.553	ng	# 95
54) 2,4-Dinitrophenol	14.71	184	107262	65.301	ng	99
55) Dibenzofuran	15.00	168	502245	38.276	ng	97
56) 4-Nitrophenol	14.85	139	140190	71.447	ng	91
57) 2,4-Dinitrotoluene	14.96	165	140766	38.123	ng	96
58) Fluorene	15.64	166	417377	38.718	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	124599	38.781	ng	99
60) Diethylphthalate	15.41	149	445172	37.855	ng	97
61) 4-Chlorophenyl-phenylether	15.64	204	232773	37.734	ng	96
62) 4-Nitroaniline	15.67	138	97862	36.170	ng	98
63) Azobenzene	15.93	77	420970	38.391	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	88597	40.092	ng	99
66) n-Nitrosodiphenylamine	15.85	169	378706	41.569	ng	93
67) 4-Bromophenyl-phenylether	16.53	248	161030	39.192	ng	100
68) Hexachlorobenzene	16.66	284	172622	40.169	ng	97
69) Atrazine	16.80	200	144534	38.517	ng	98
70) Pentachlorophenol	17.00	266	176680	79.180	ng	97
71) Phenanthrene	17.39	178	676900	40.864	ng	99
72) Anthracene	17.47	178	701639	42.179	ng	99
73) Carbazole	17.75	167	643231	39.669	ng	99
74) Di-n-butylphthalate	18.31	149	775480	39.846	ng	99
75) Fluoranthene	19.40	202	873204	41.444	ng	100
77) Benzidine	19.58	184	397386	37.567	ng	100
78) Pyrene	19.76	202	868975	40.474	ng	99
80) Butylbenzylphthalate	20.65	149	358086	38.640	ng	100
81) Benzo(a)anthracene	21.59	228	852208	40.617	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	228957	27.819	ng	98
83) Chrysene	21.65	228	816684	40.481	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	497121	39.024	ng	99
85) Di-n-octyl phthalate	22.68	149	816464	37.316	ng	100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1021022	38.702	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	890939	41.234	ng	99
89) Benzo(k)fluoranthene	23.82	252	831214	40.948	ng	99
90) Benzo(a)pyrene	24.60	252	805330	40.020	ng	99
91) Dibenzo(a,h)anthracene	28.38	278	833020	41.194	ng	99
92) Benzo(g,h,i)perylene	29.44	276	852386	42.146	ng	95

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

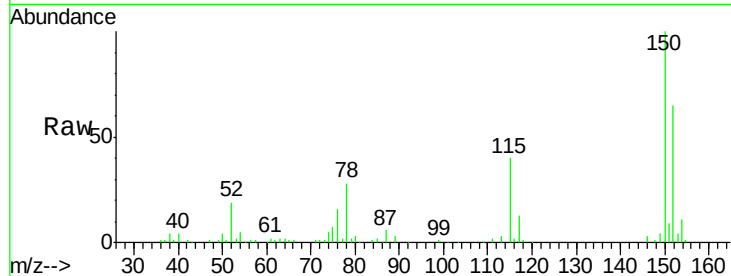


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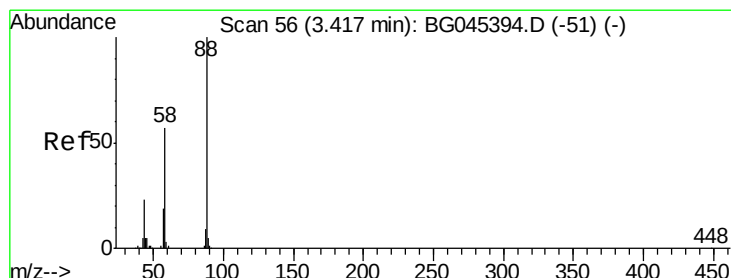
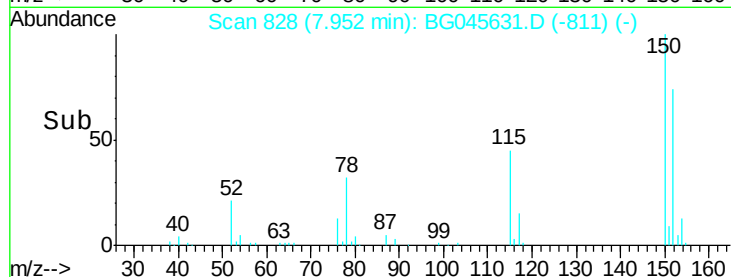
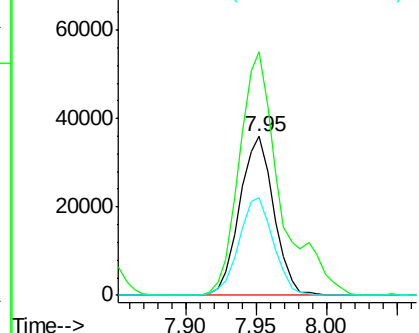
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Instrument :
BNA_G
ClientSampleId :
PB129334BS

Tot Ion:152 Resp: 60871
Ion Ratio Lower Upper
152 100
150 153.3 122.4 183.6
115 61.4 44.2 66.4



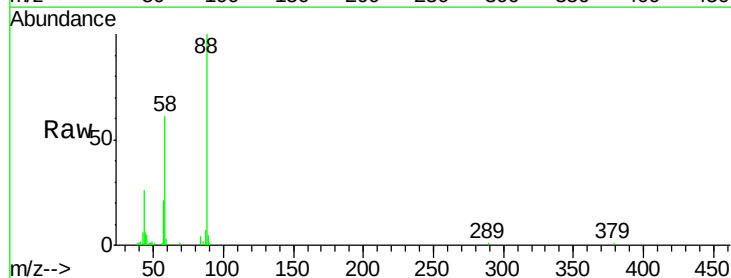
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



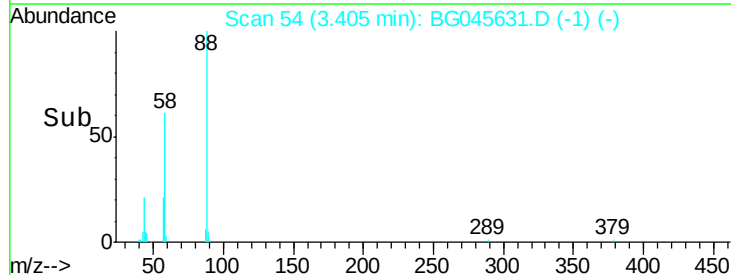
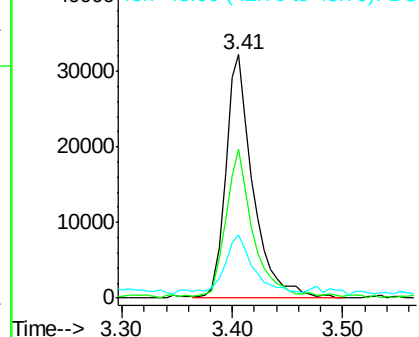
#2

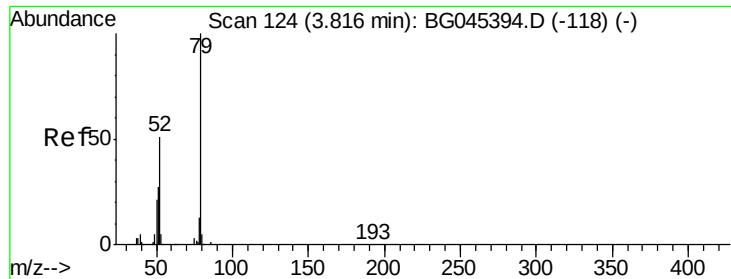
1,4-Dioxane
Concen: 35.638 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion: 88 Resp: 55045
Ion Ratio Lower Upper
88 100
58 60.1 45.7 68.5
43 23.6 16.8 25.2



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





#3

Pvridine

Concen: 28.379 ng

RT: 3.80 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

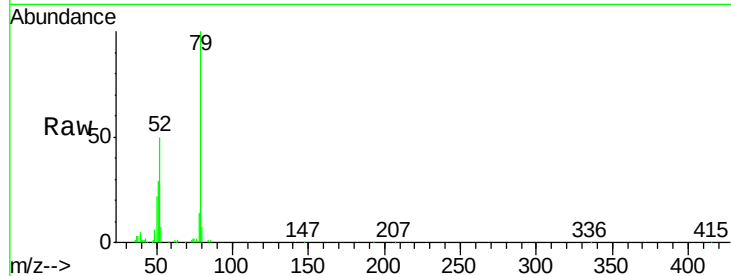
Tot Ion: 79 Resp: 122079

Ion Ratio Lower Upper

79 100

52 49.6 40.8 61.2

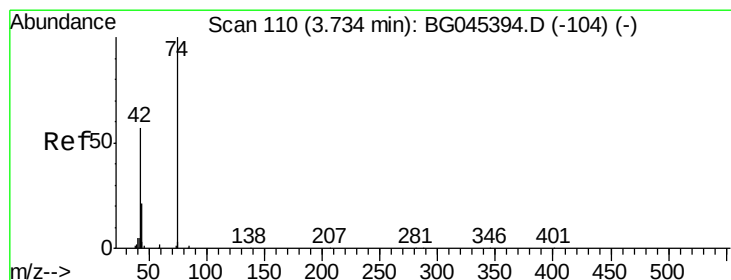
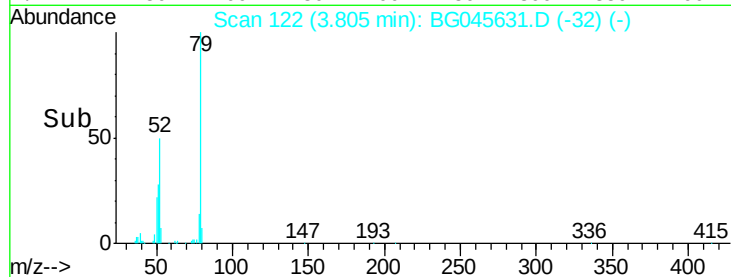
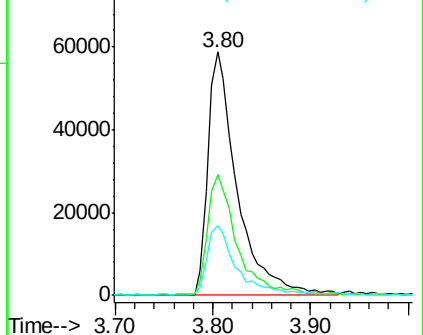
51 28.8 21.9 32.9



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: 42.281 ng

RT: 3.72 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

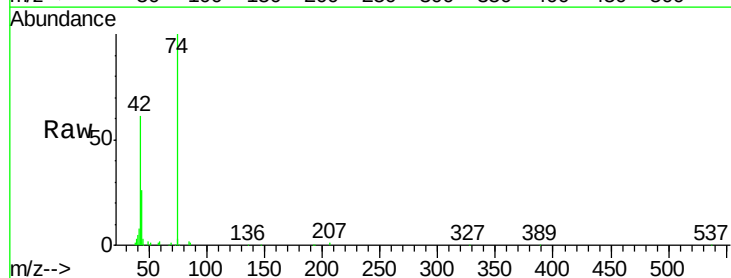
Tgt Ion: 42 Resp: 59517

Ion Ratio Lower Upper

42 100

74 163.3 141.3 211.9

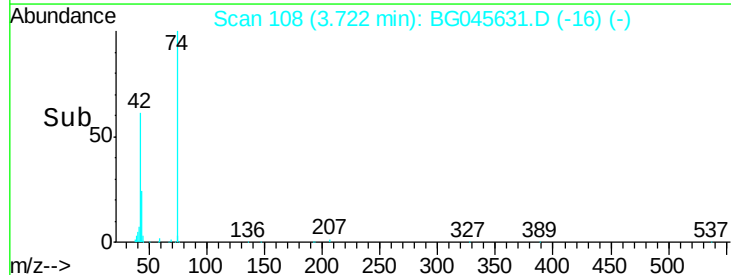
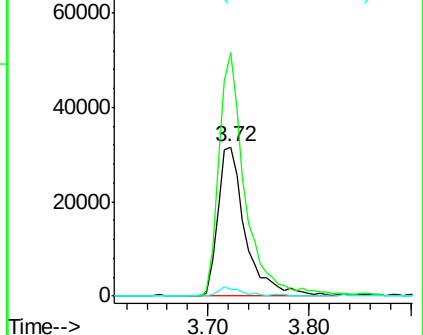
44 4.9 4.2 6.4

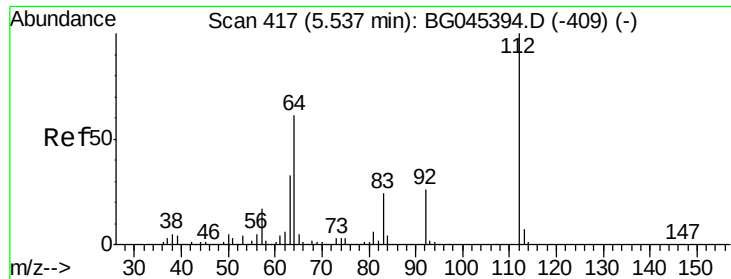


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.861 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

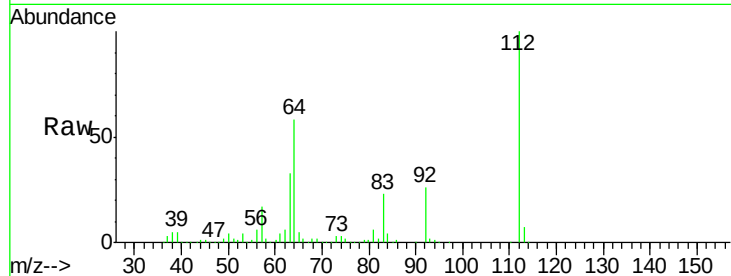
Tot Ion:112 Resp: 395138

Ion Ratio Lower Upper

112 100

64 57.5 48.6 72.8

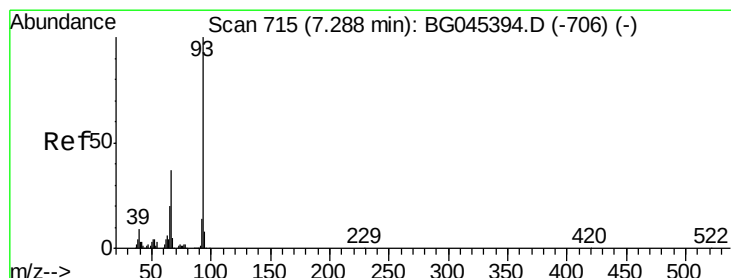
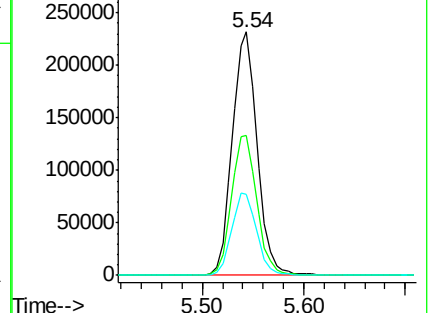
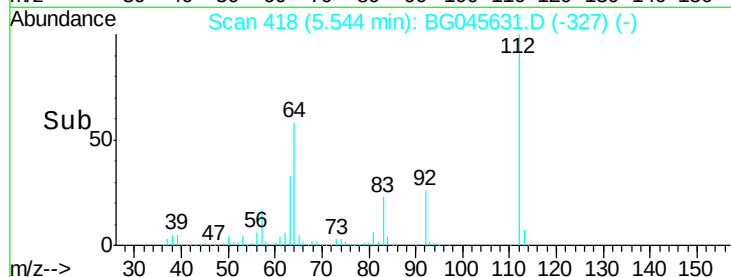
63 33.3 26.5 39.7



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: 27.233 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

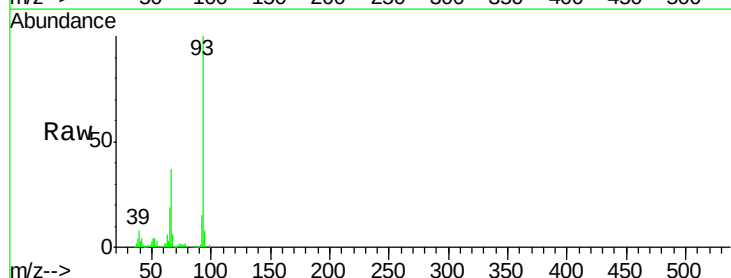
Tgt Ion: 93 Resp: 157599

Ion Ratio Lower Upper

93 100

66 36.6 29.6 44.4

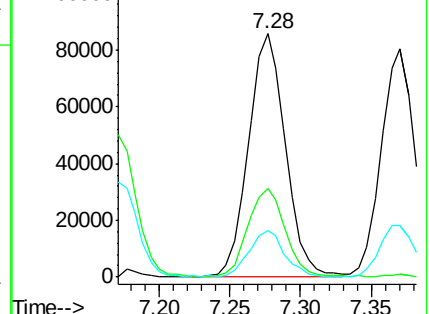
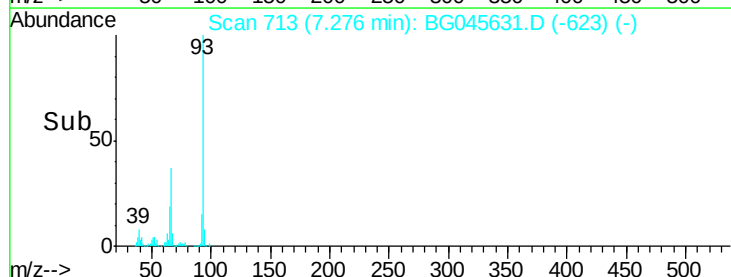
65 19.1 15.9 23.9

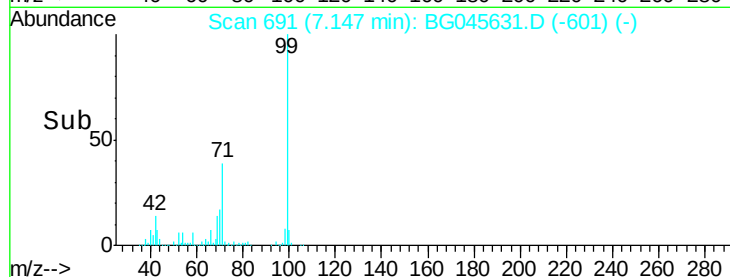
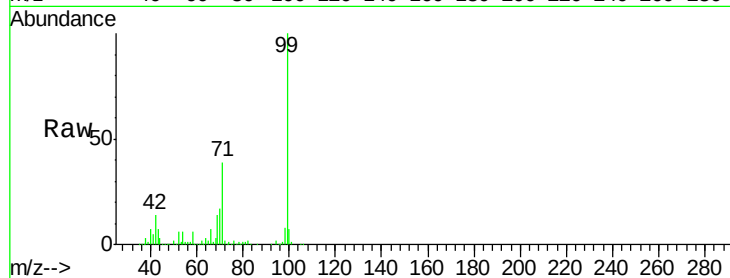
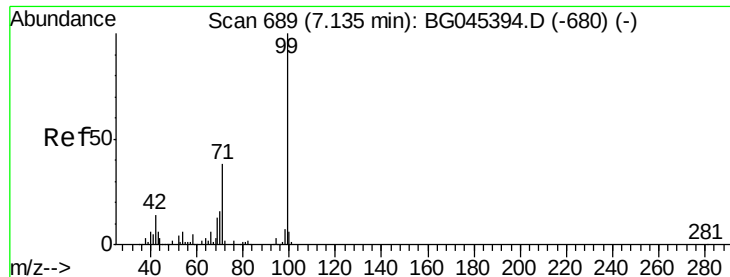


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.713 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

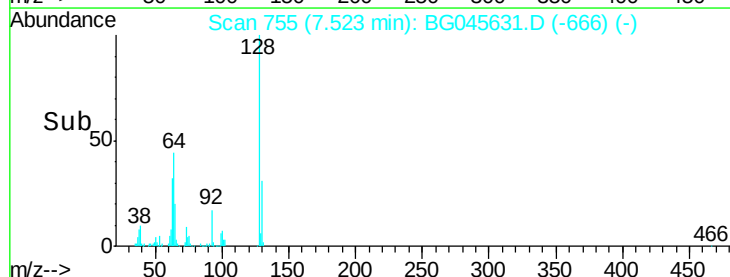
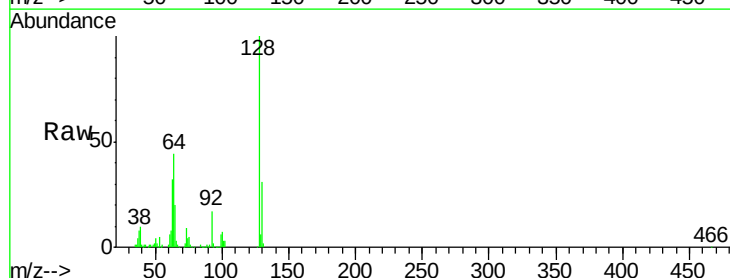
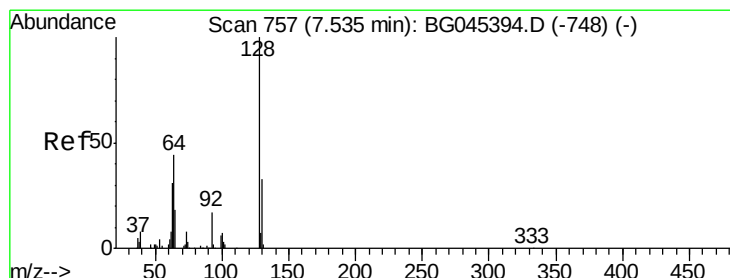
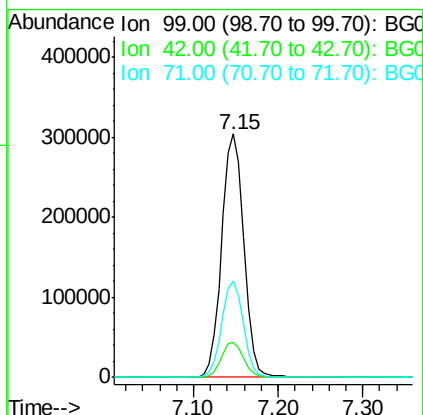
Tot Ion: 99 Resp: 552875

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

71 39.4 30.8 46.2



#8

2-Chlorophenol

Concen: 42.329 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

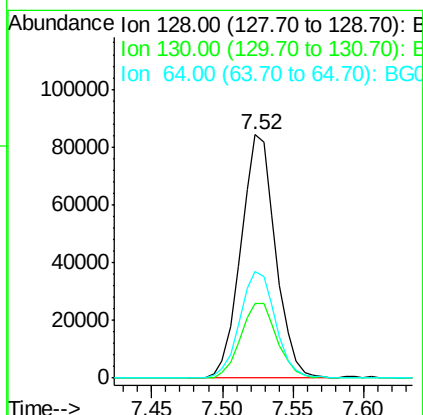
Tgt Ion: 128 Resp: 144584

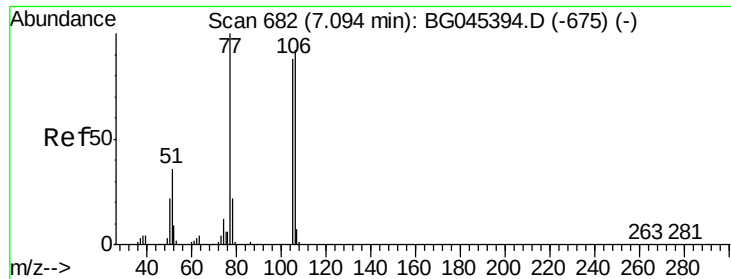
Ion Ratio Lower Upper

128 100

130 30.8 12.6 52.6

64 43.9 27.0 67.0





#9

Benzaldehyde

Concen: 31.169 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

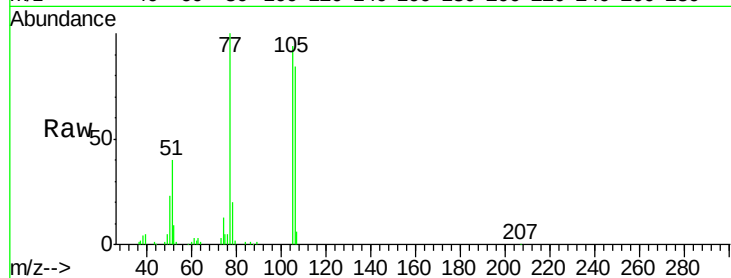
Tot Ion: 77 Resp: 90026

Ion Ratio Lower Upper

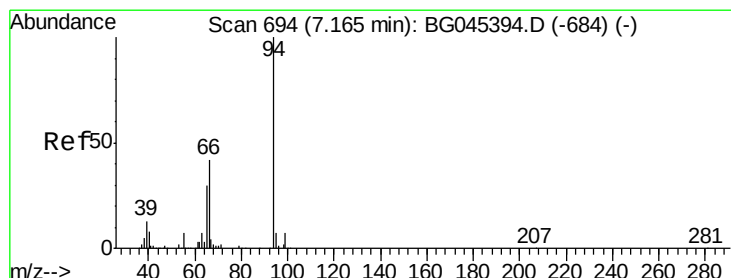
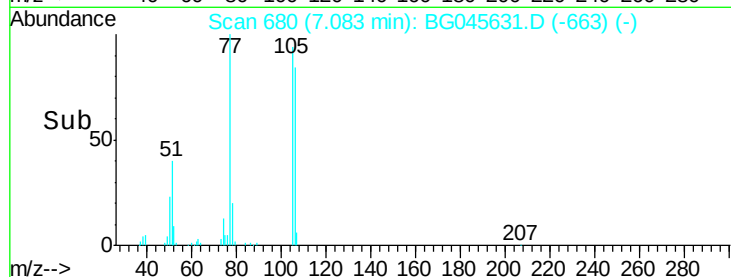
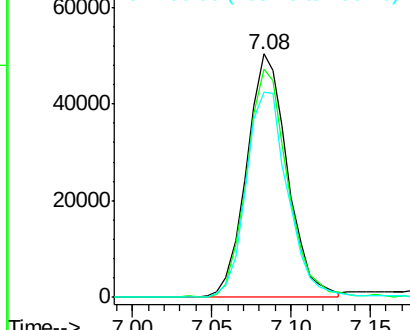
77 100

105 93.7 68.5 108.5

106 84.2 71.6 111.6



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: 41.291 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

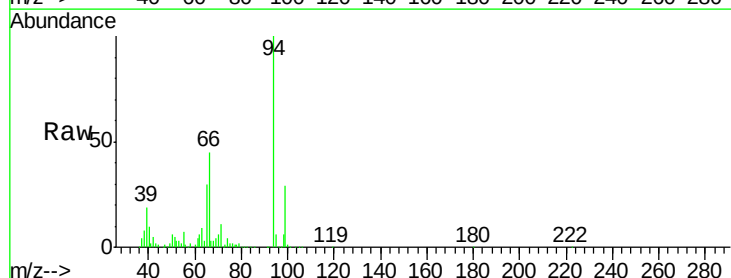
Tgt Ion: 94 Resp: 188658

Ion Ratio Lower Upper

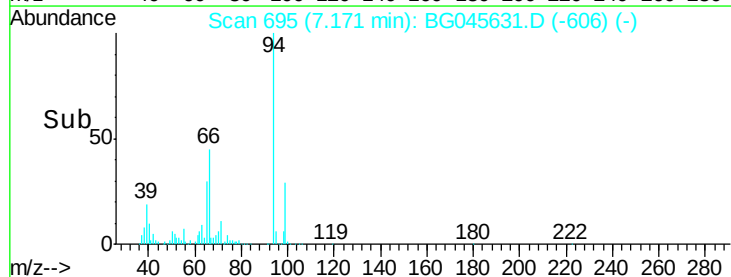
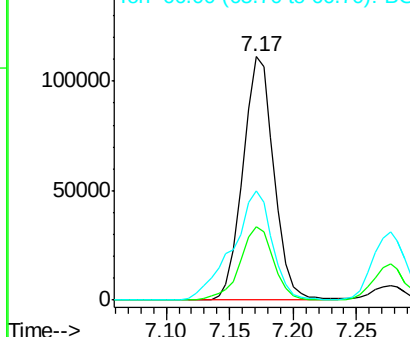
94 100

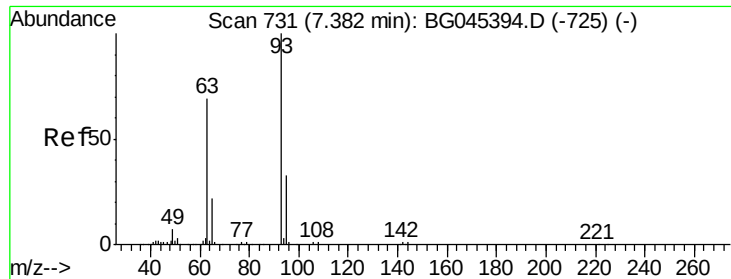
65 30.0 9.8 49.8

66 45.0 22.0 62.0



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

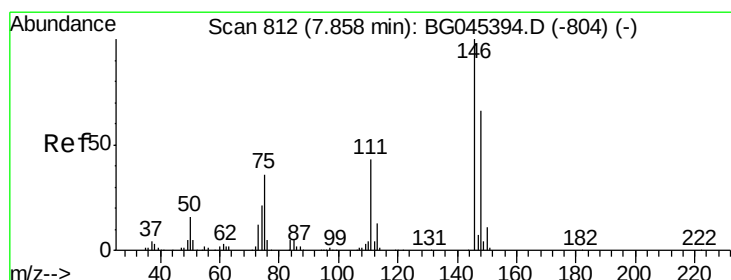
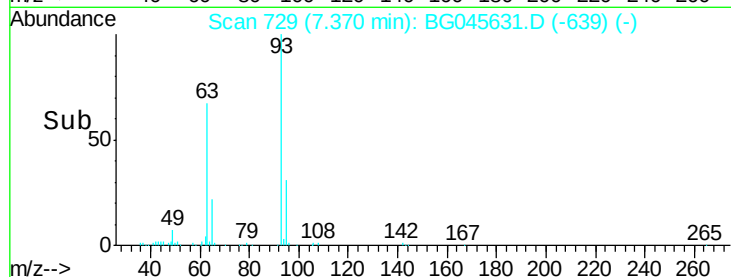
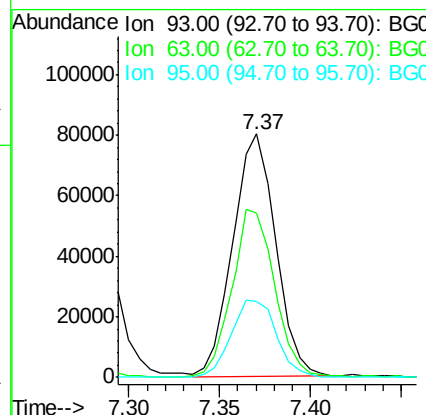
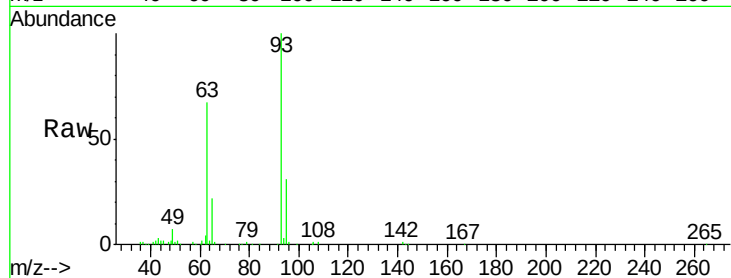




#11
bis(2-Chloroethyl)ether
Concen: 36.926 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

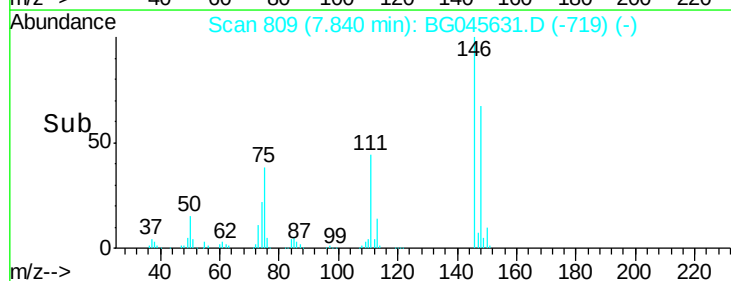
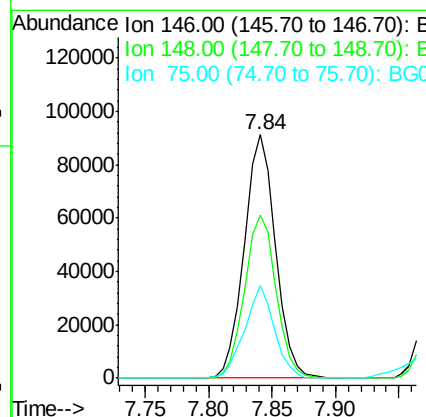
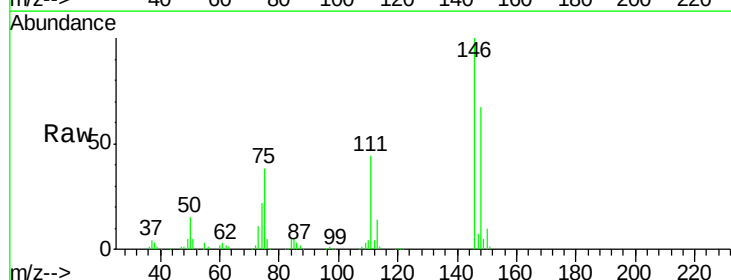
Instrument :
BNA_G
ClientSampleId :
PB129334BS

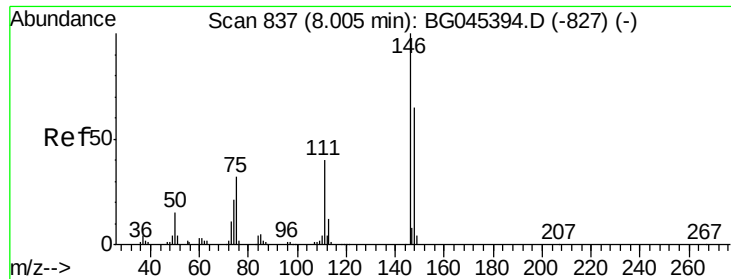
Tot Ion	93	Resp	131598
Ion Ratio	100	Lower	Upper
63	67.4	48.4	88.4
95	31.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 38.074 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion	146	Resp	156283
Ion Ratio	100	Lower	Upper
148	67.0	53.2	79.8
75	38.1	28.6	43.0

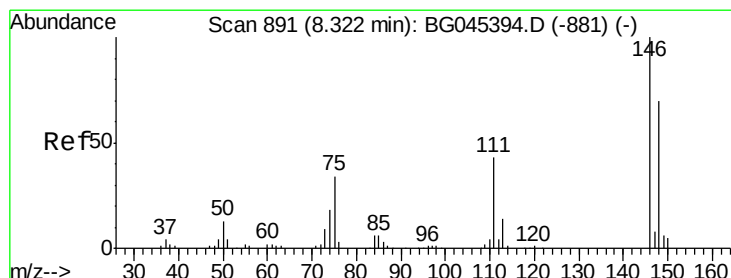
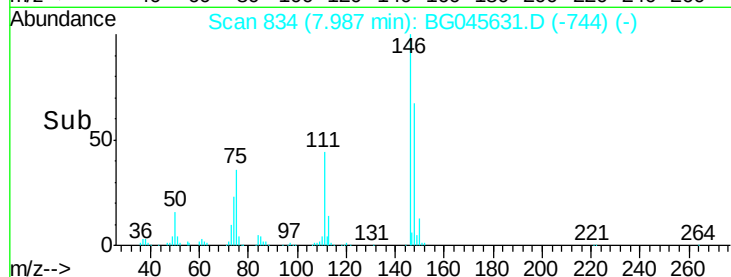
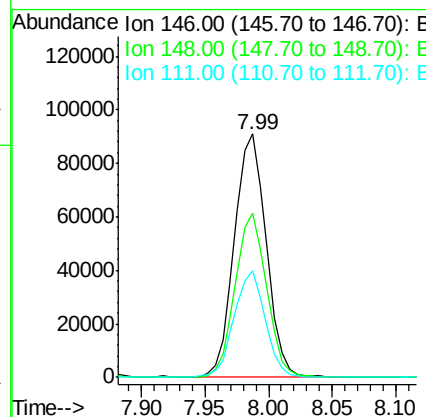
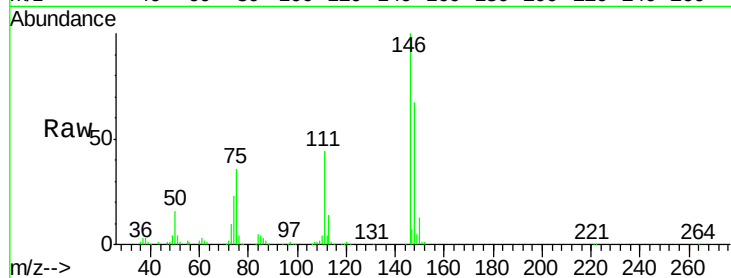




#13
 1,4-Dichlorobenzene
 Concen: 38.938 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

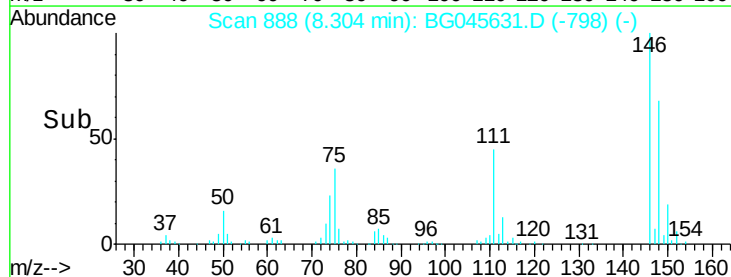
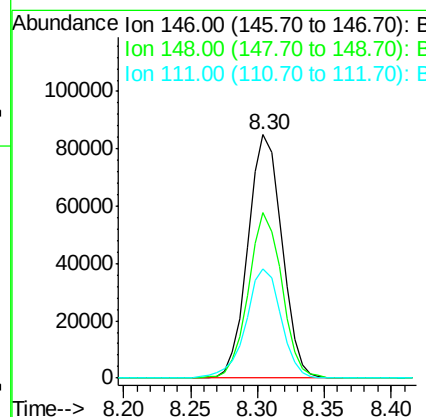
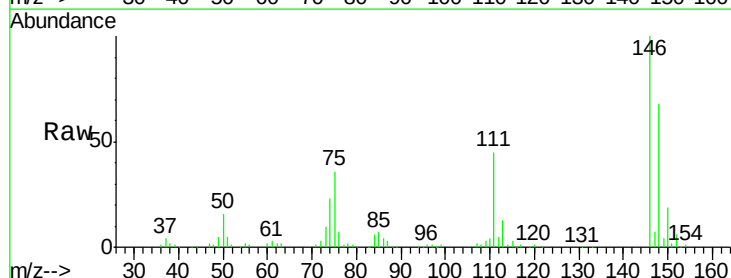
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

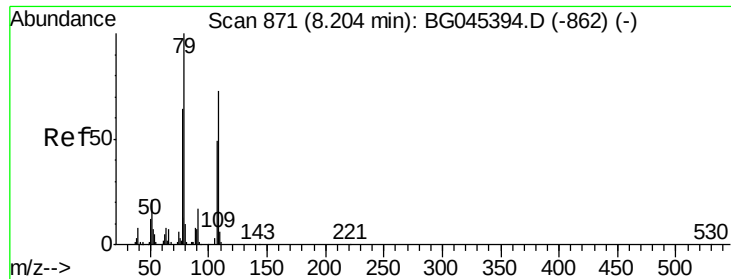
Tot Ion:146 Resp: 157729
 Ion Ratio Lower Upper
 146 100
 148 67.4 51.8 77.8
 111 43.7 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 38.272 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion:146 Resp: 149109
 Ion Ratio Lower Upper
 146 100
 148 67.8 55.9 83.9
 111 44.8 35.0 52.4





#15

Benzyl Alcohol

Concen: 40.840 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleID :

PB129334BS

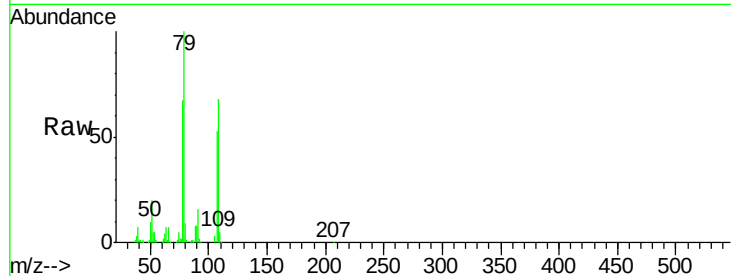
Tot Ion: 79 Resp: 149565

Ion Ratio Lower Upper

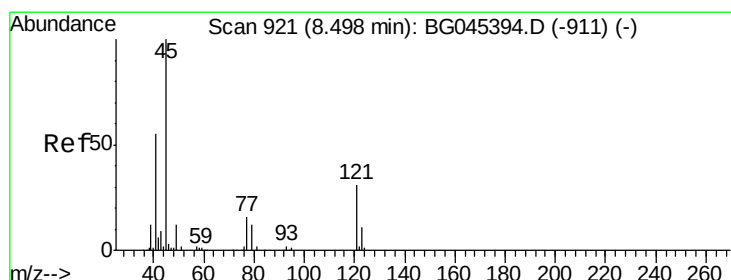
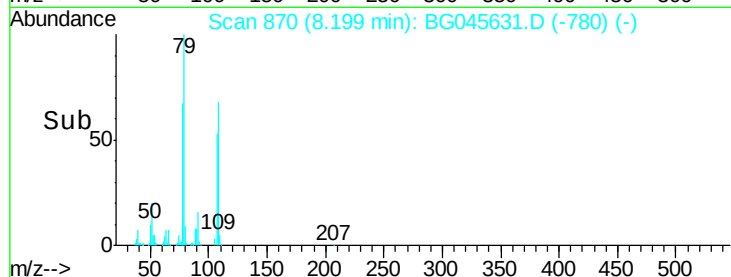
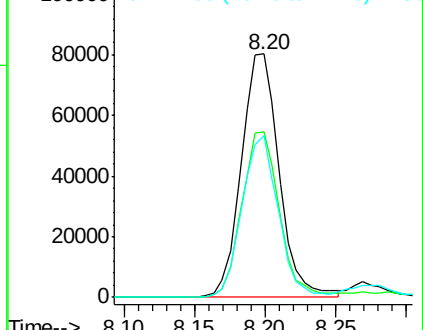
79 100

108 68.0 58.2 87.4

77 66.6 51.0 76.4



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: 36.195 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

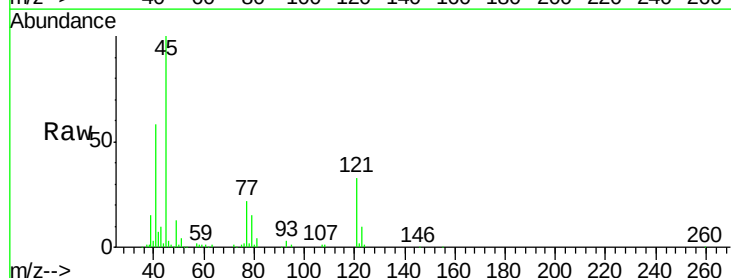
Tgt Ion: 45 Resp: 122442

Ion Ratio Lower Upper

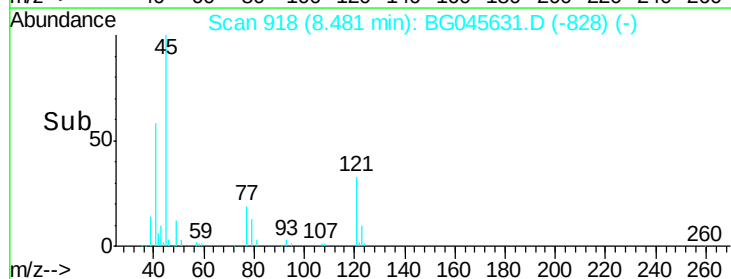
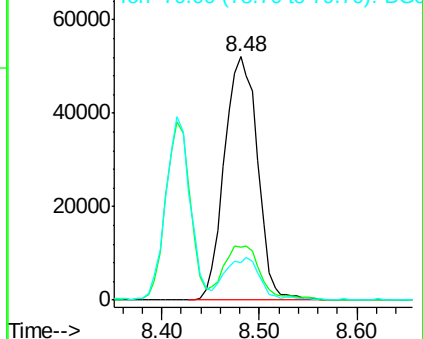
45 100

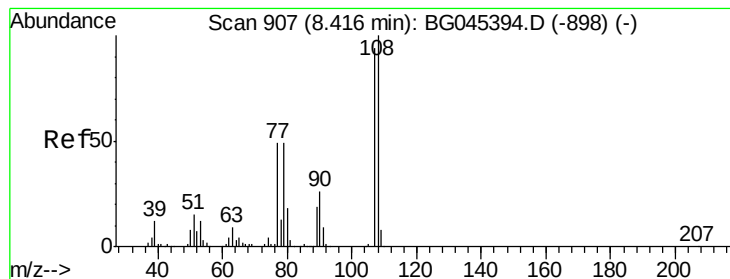
77 21.7 4.0 44.0

79 15.2 0.0 38.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 37.557 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

Tot Ion:107 Resp: 128441

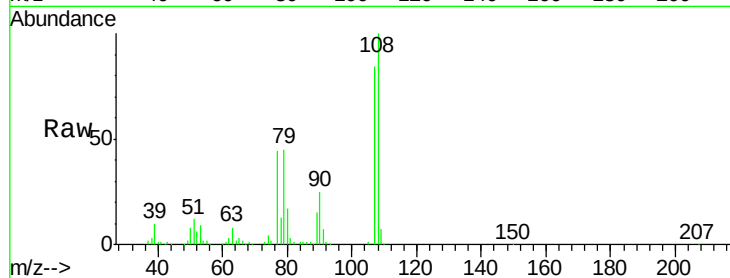
Ion Ratio Lower Upper

107 100

108 119.1 85.2 127.8

77 52.2 41.6 62.4

79 53.8 41.8 62.8

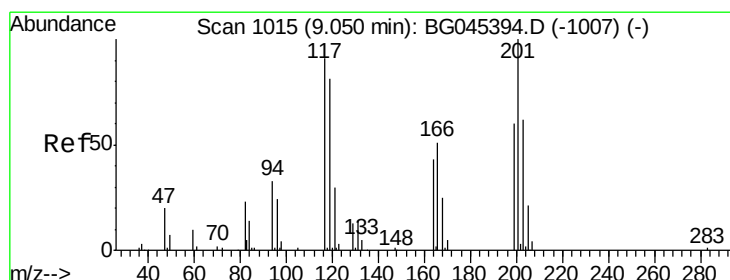
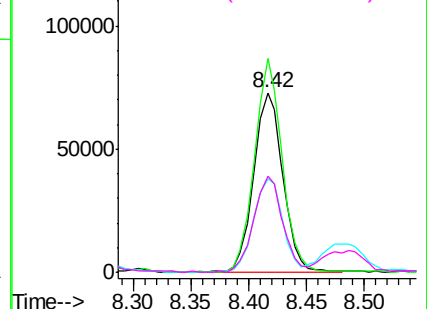
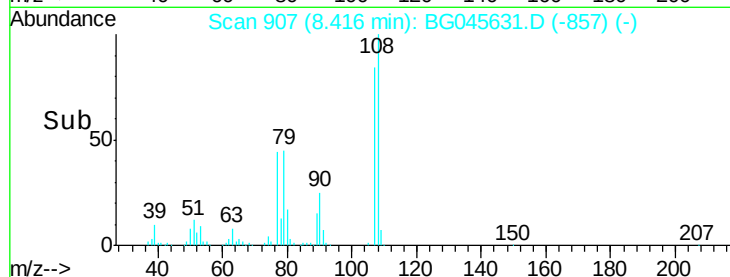


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.513 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

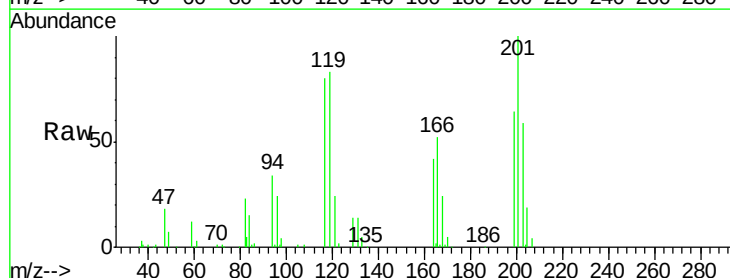
Tgt Ion:117 Resp: 59750

Ion Ratio Lower Upper

117 100

119 103.4 71.3 106.9

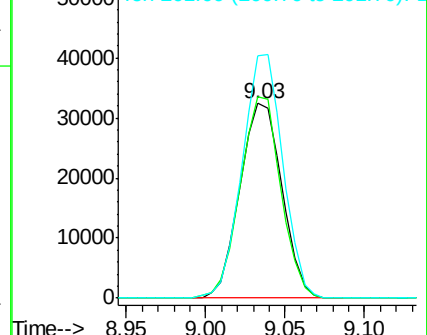
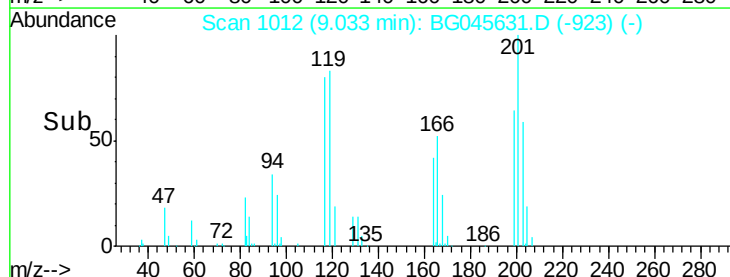
201 124.7 87.5 131.3

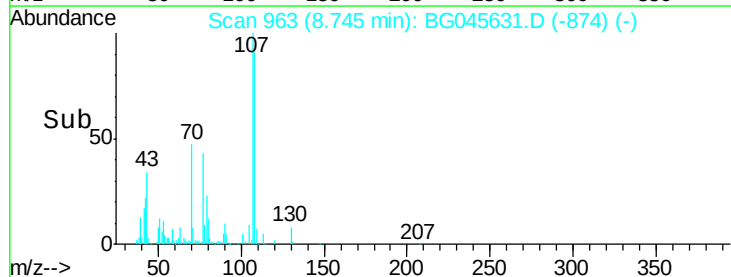
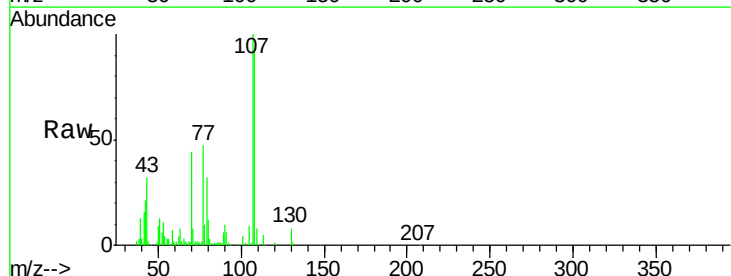
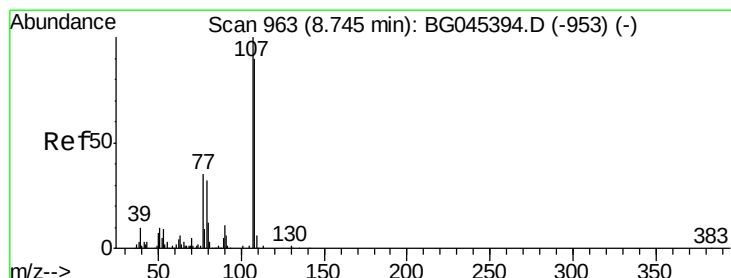
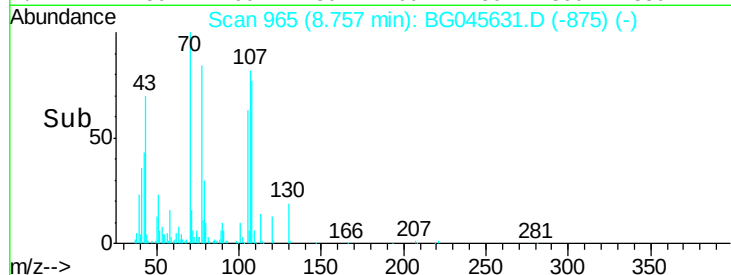
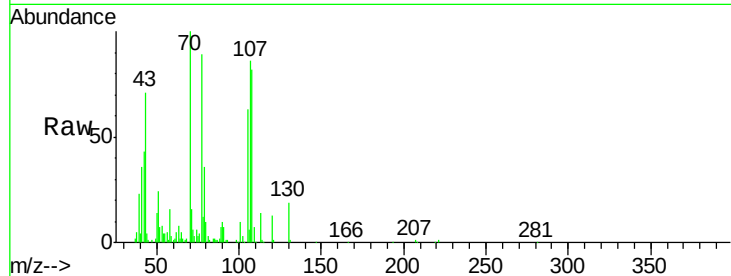
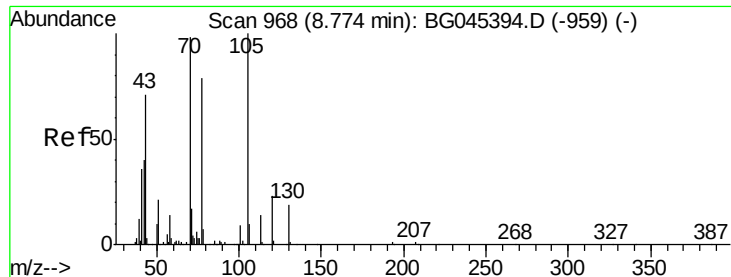


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

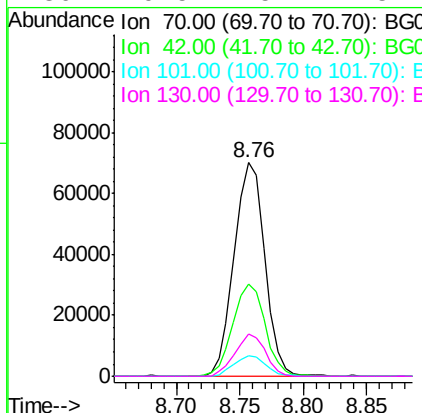




#19
n-Nitroso-di-n-propylamine
Concen: 38.405 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

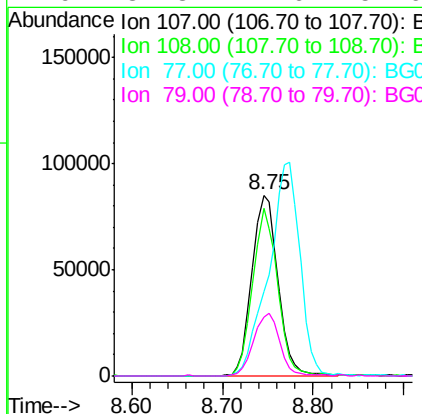
Instrument :
BNA_G
ClientSampleId :
PB129334BS

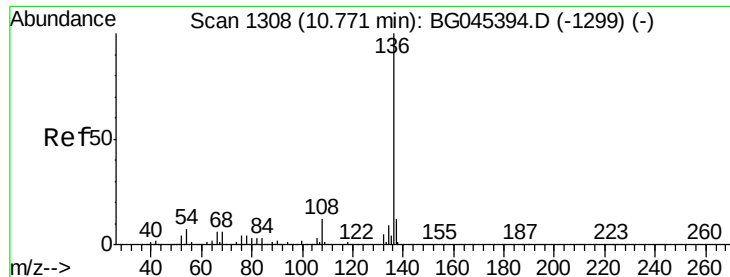
Tot Ion: 70 Resp: 117734
Ion Ratio Lower Upper
70 100
42 43.0 33.2 49.8
101 9.8 7.8 11.6
130 19.5 15.4 23.2



#20
3+4-Methylphenols
Concen: 36.617 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion: 107 Resp: 170525
Ion Ratio Lower Upper
107 100
108 92.9 70.3 110.3
77 47.1 15.4 55.4
79 32.3 12.6 52.6

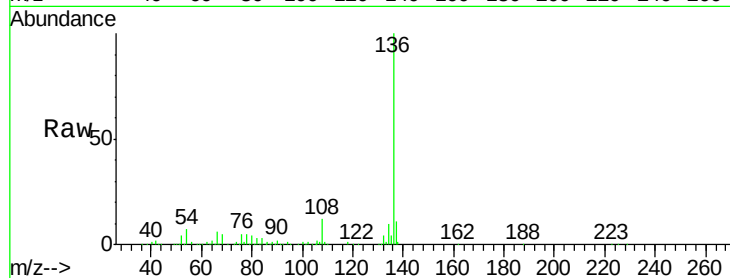




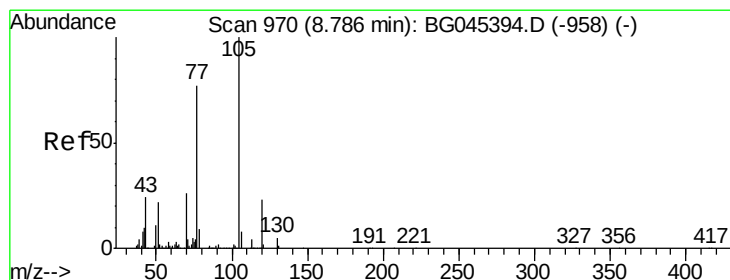
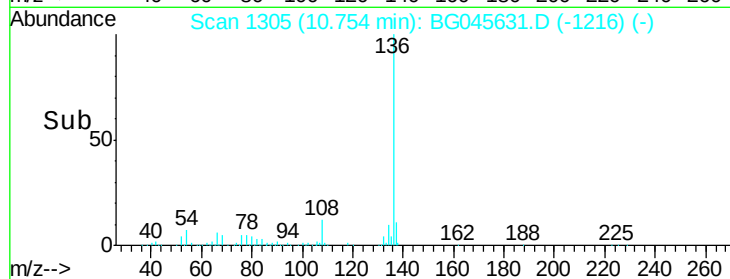
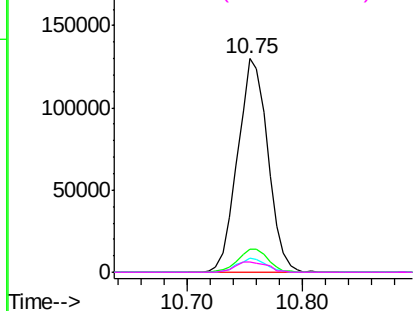
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Instrument :
BNA_G
ClientSampleId :
PB129334BS

Tot Ion:136	Resp:	235850
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.4 14.2
54	6.7	5.8 8.6
68	4.9	4.5 6.7

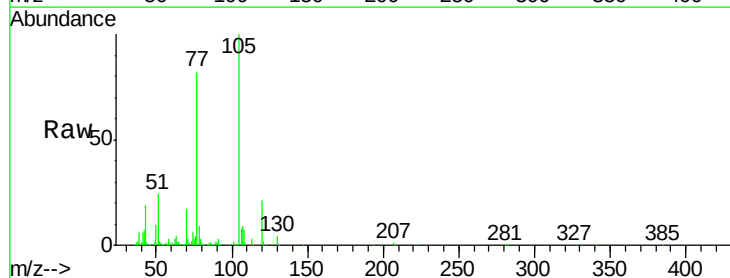


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

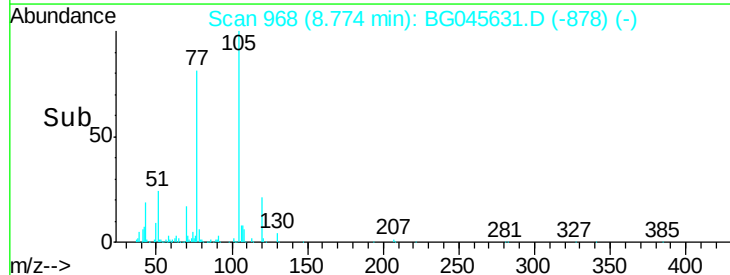
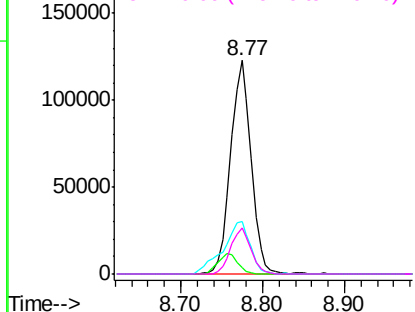


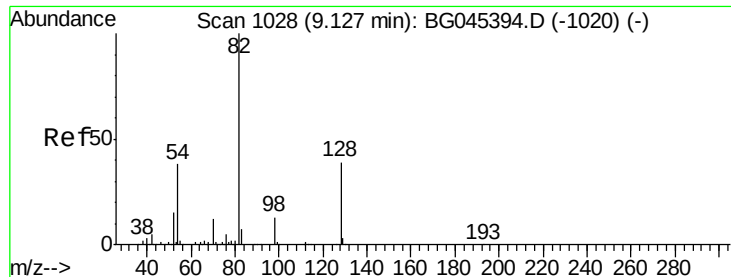
#22
Acetophenone
Concen: 38.613 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion:105	Resp:	215845
Ion Ratio	Lower	Upper
105	100	
71	2.7	3.4 5.0#
51	24.4	18.2 27.2
120	21.3	18.6 27.8



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: 81.376 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

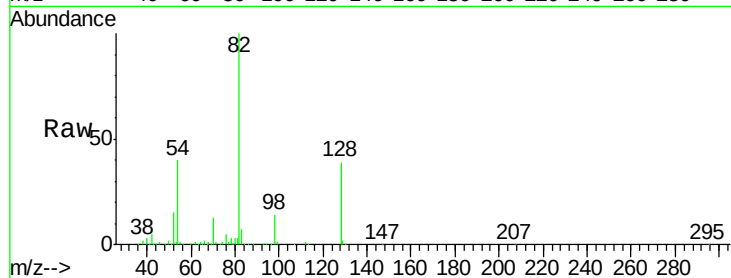
Tot Ion: 82 Resp: 351952

Ion Ratio Lower Upper

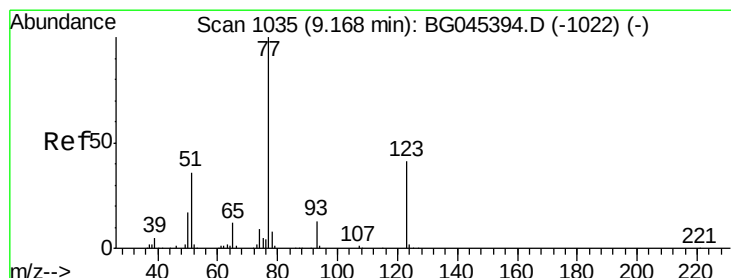
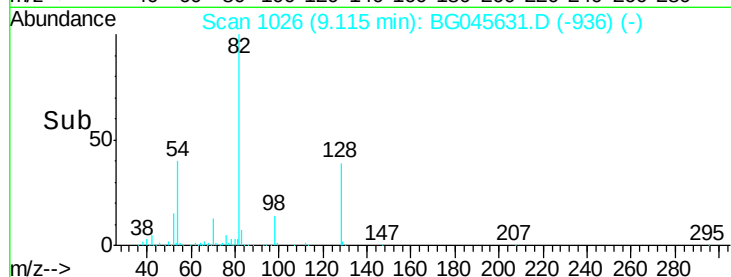
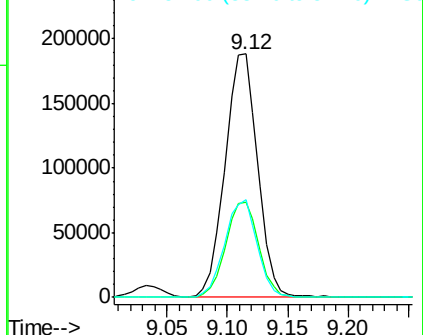
82 100

128 39.2 30.9 46.3

54 39.9 30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 39.204 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

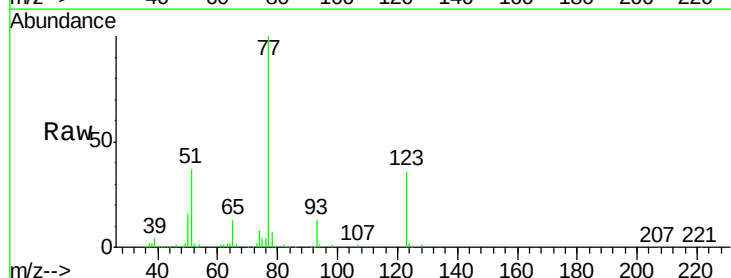
Tgt Ion: 77 Resp: 181665

Ion Ratio Lower Upper

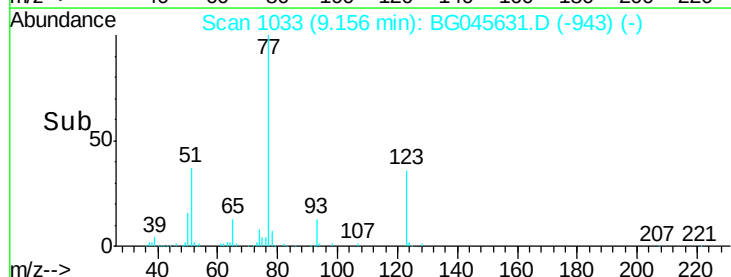
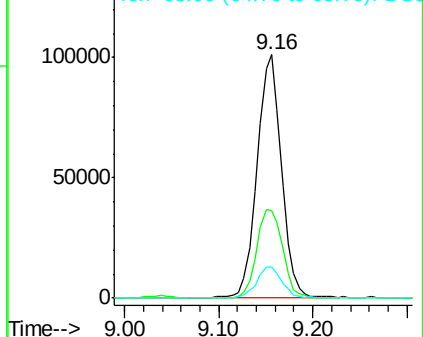
77 100

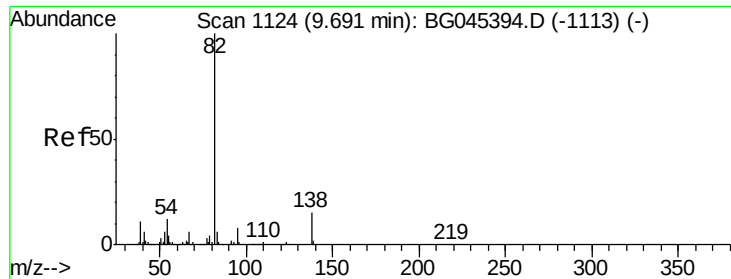
123 35.9 32.9 49.3

65 12.6 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.711 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

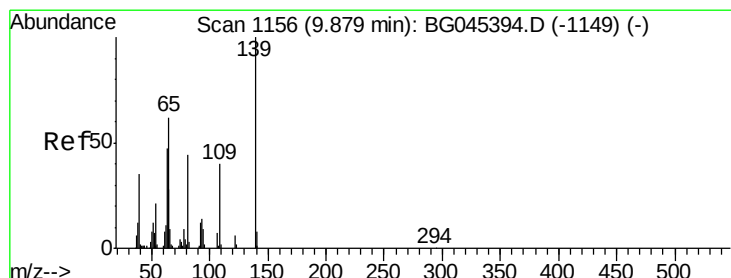
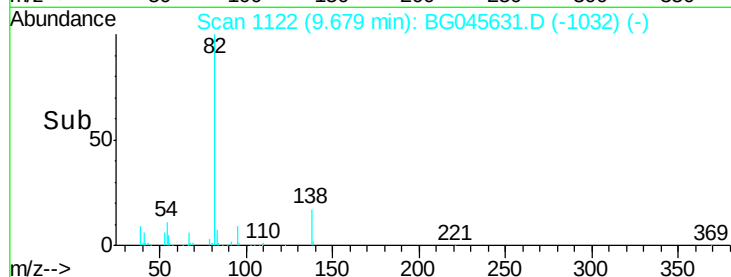
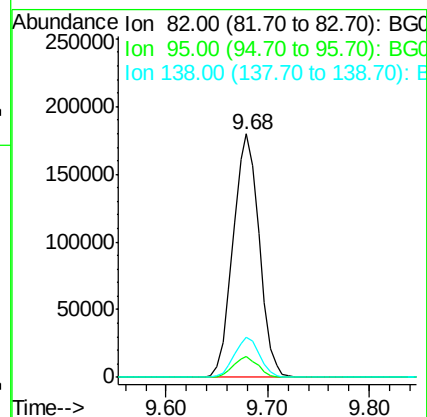
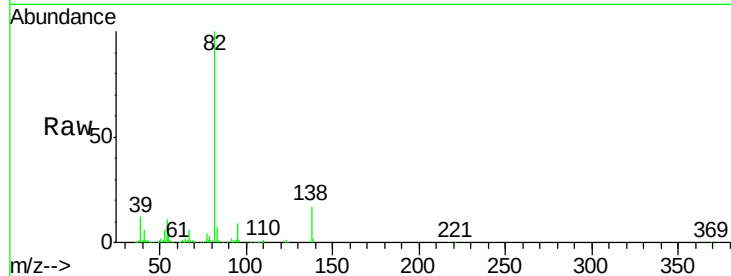
Tot Ion: 82 Resp: 321204

Ion Ratio Lower Upper

82 100

95 8.7 6.7 10.1

138 16.6 12.2 18.4



#26

2-Nitrophenol

Concen: 41.017 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

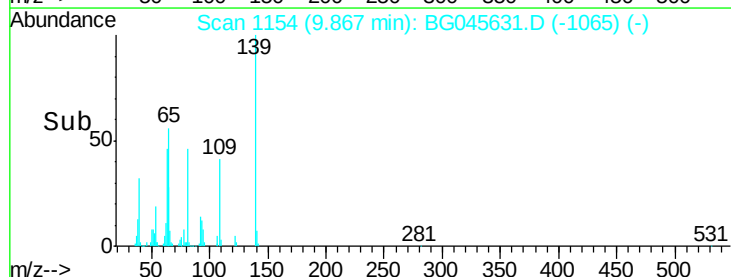
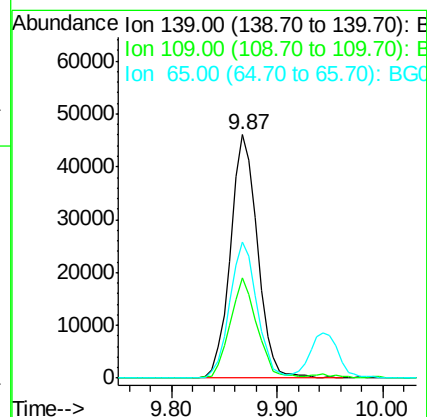
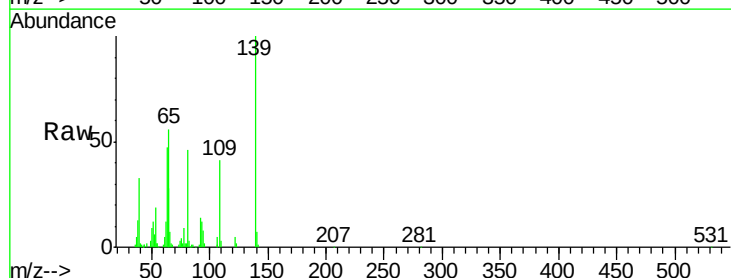
Tgt Ion: 139 Resp: 81307

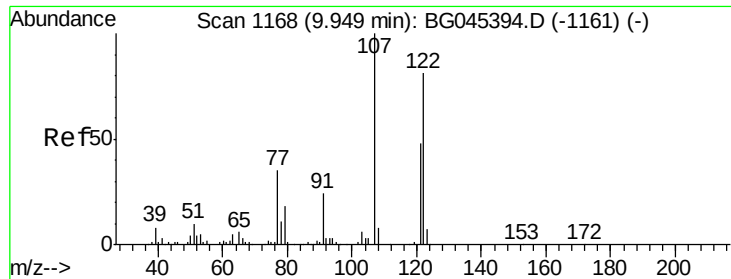
Ion Ratio Lower Upper

139 100

109 41.2 32.2 48.4

65 56.1 49.6 74.4

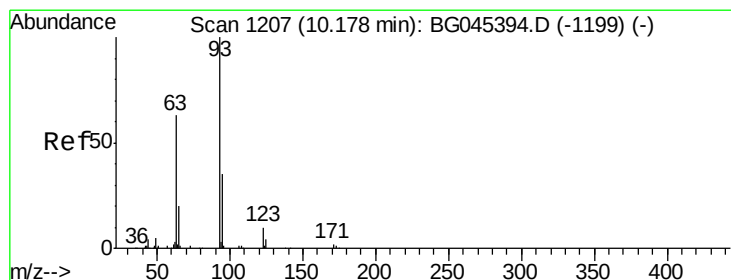
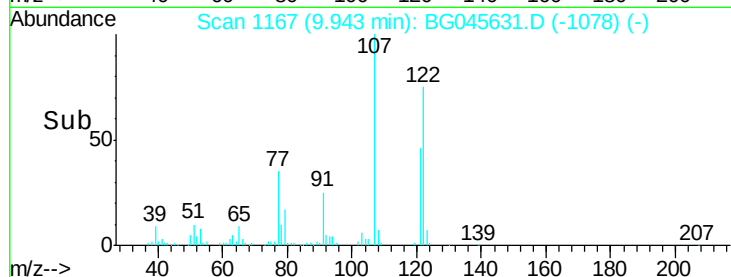
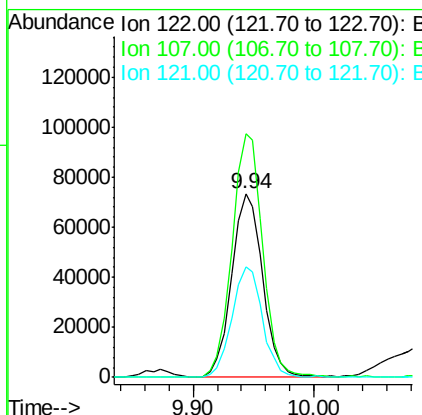
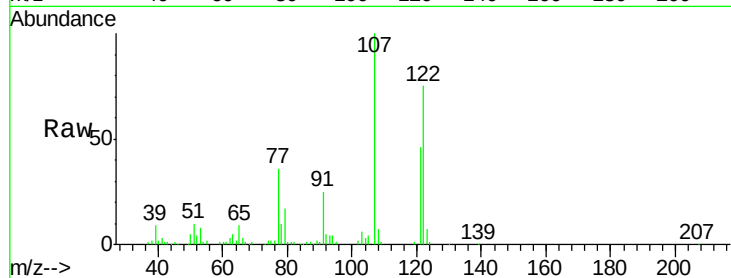




#27
 2,4-Dimethylphenol
 Concen: 44.792 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

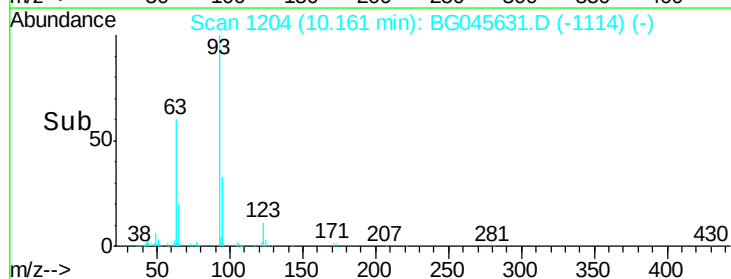
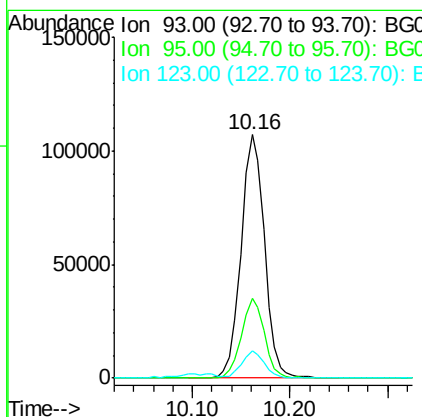
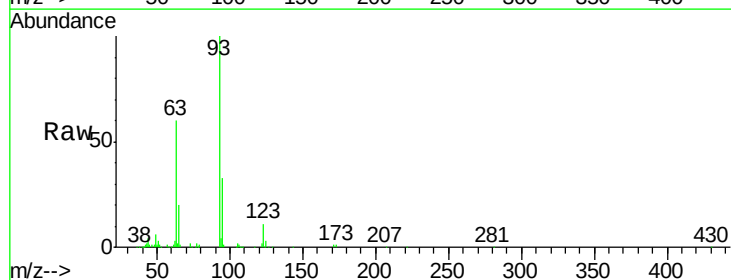
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

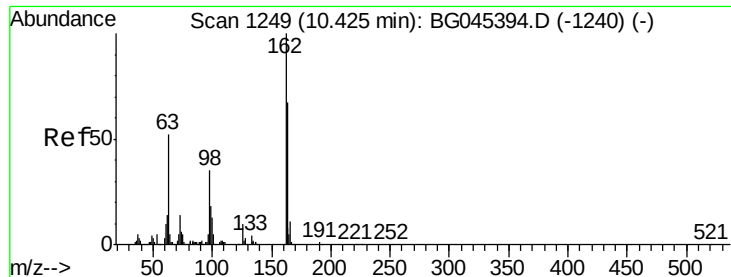
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.7	99.0	148.4
121	60.4	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.160 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.6	41.4
123	11.1	8.1	12.1

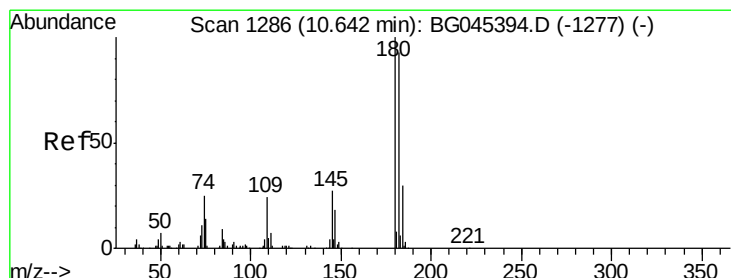
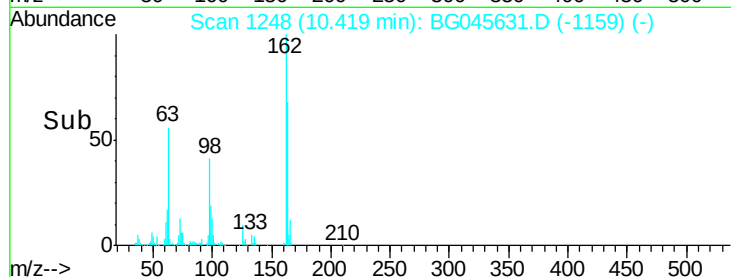
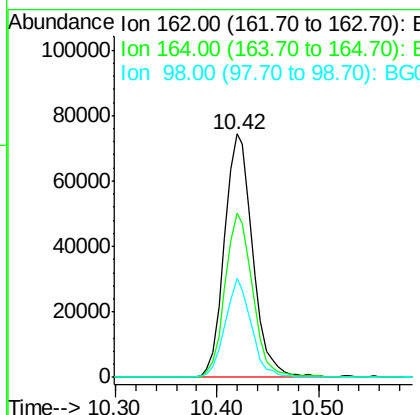
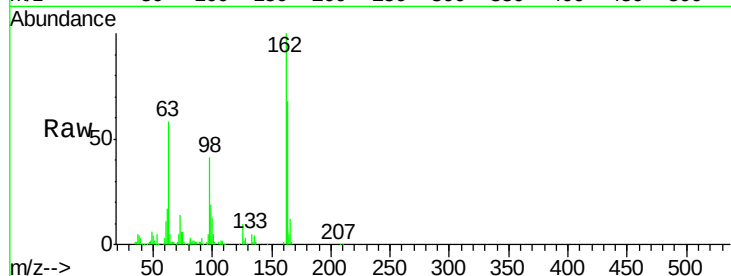




#29
 2,4-Dichlorophenol
 Concen: 41.379 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

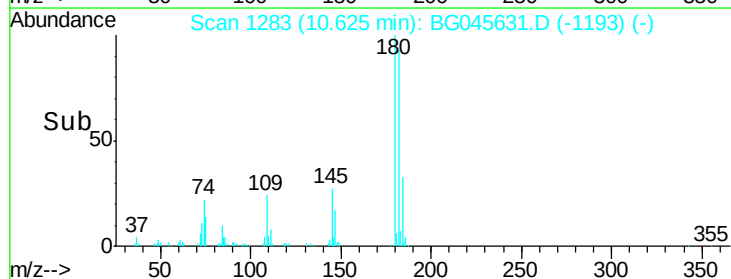
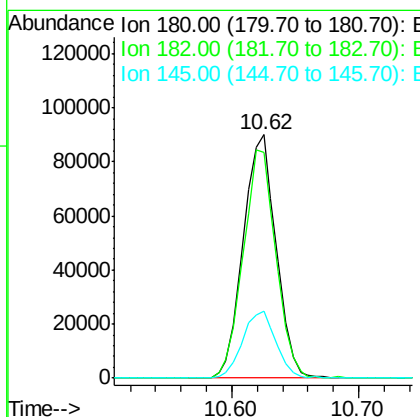
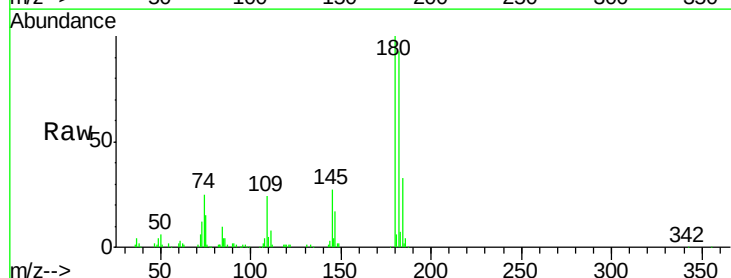
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

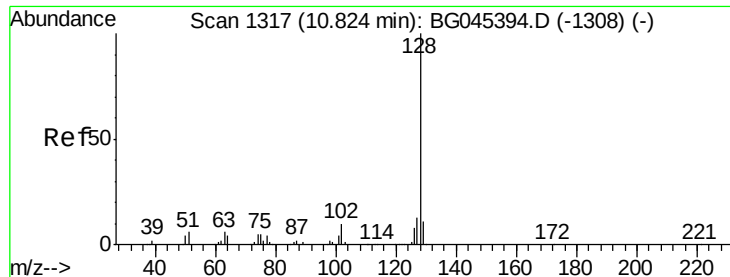
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.6	46.8	86.8
98	40.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 39.543 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	74.8	112.2
145	27.2	21.9	32.9

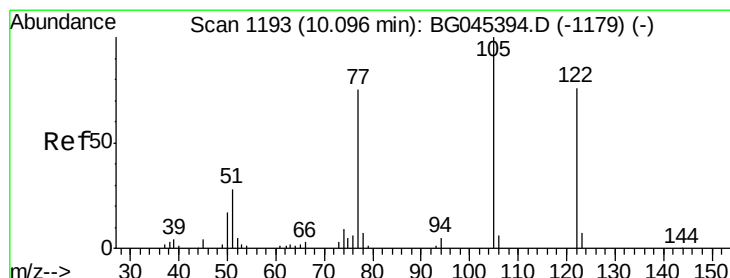
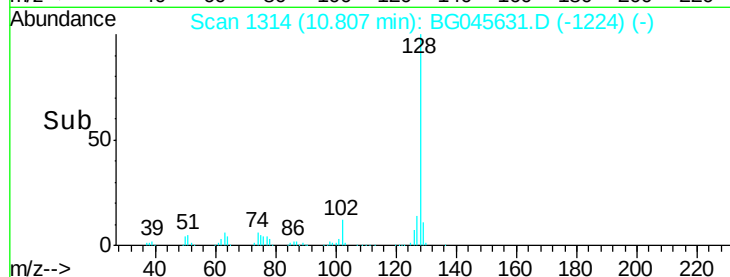
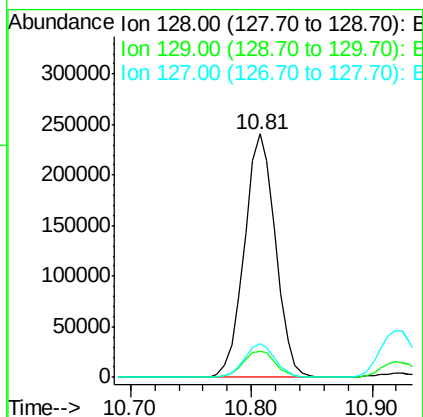
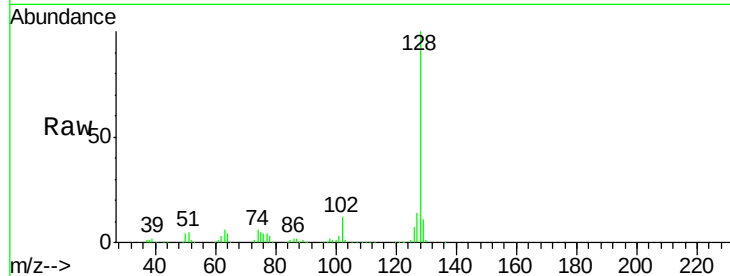




#31
Naphthalene
Concen: 39.310 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

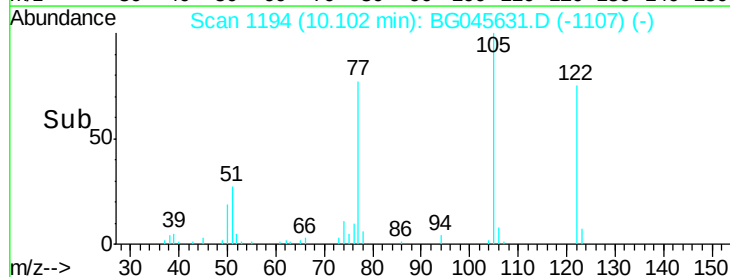
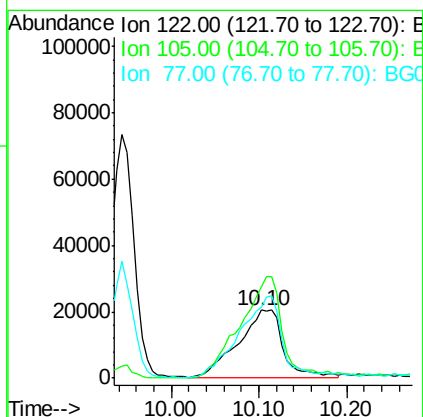
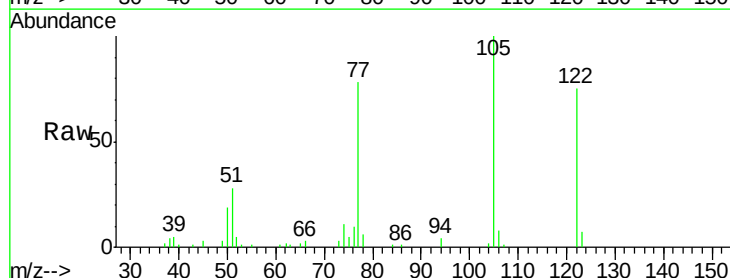
Instrument :
BNA_G
ClientSampleId :
PB129334BS

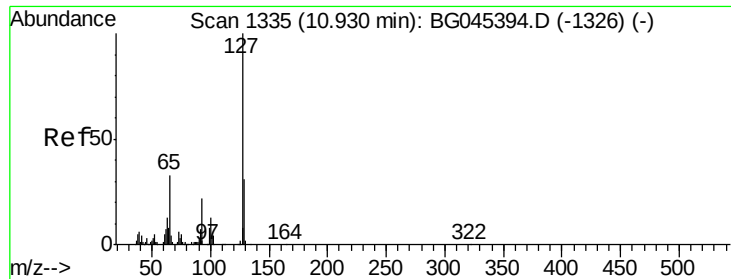
Tot Ion:128 Resp: 432038
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 38.119 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion:122 Resp: 71006
Ion Ratio Lower Upper
122 100
105 134.0 107.9 147.9
77 104.4 78.9 118.9

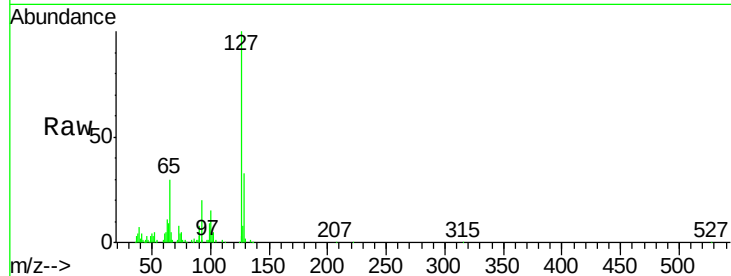




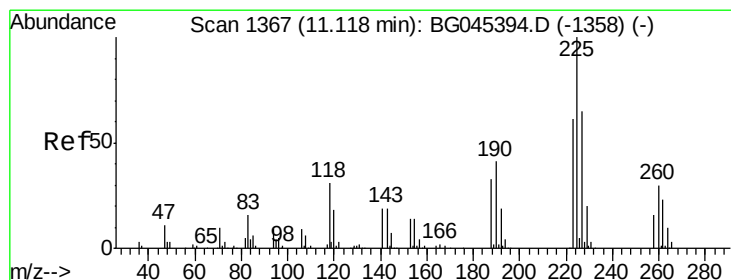
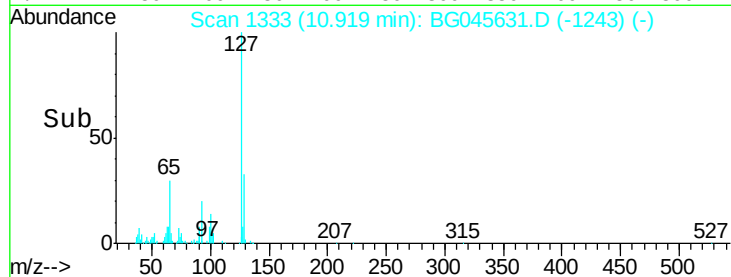
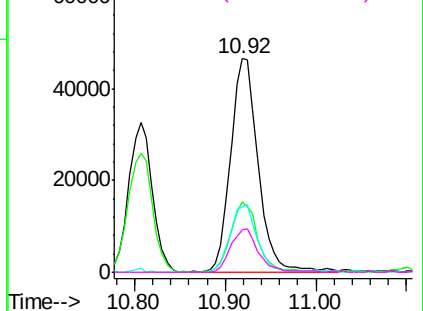
#33
4-Chloroaniline
Concen: 21.576 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Instrument :
BNA_G
ClientSampleId :
PB129334BS

Tot Ion:127 Resp: 99121
Ion Ratio Lower Upper
127 100
129 32.7 24.7 37.1
65 30.3 26.2 39.2
92 19.6 17.9 26.9

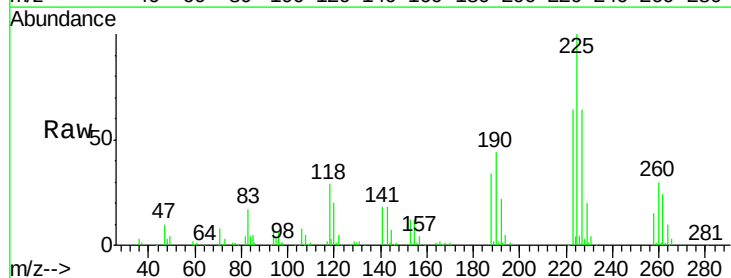


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

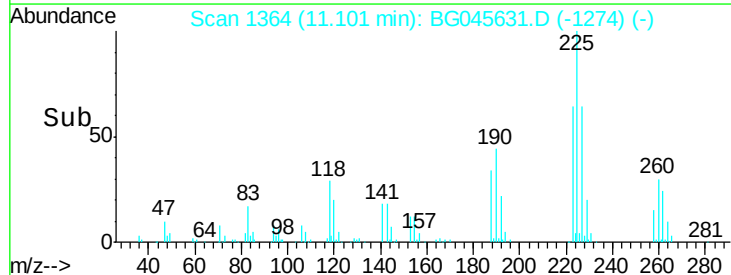
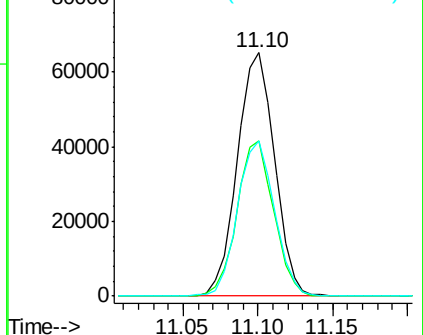


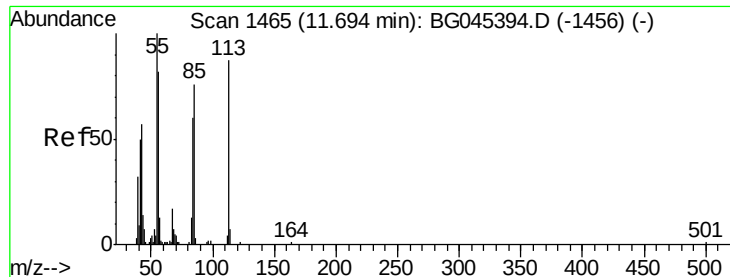
#34
Hexachlorobutadiene
Concen: 38.864 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion:225 Resp: 112701
Ion Ratio Lower Upper
225 100
223 63.8 49.1 73.7
227 63.6 52.0 78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.078 ng

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

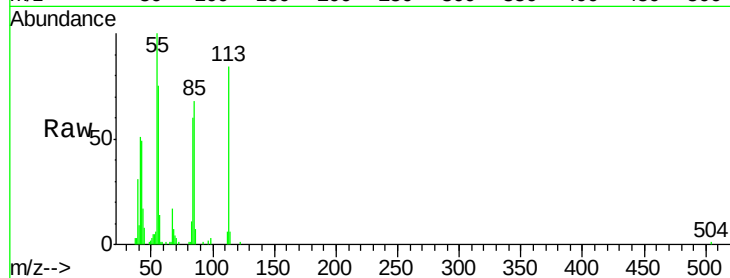
Tot Ion:113 Resp: 35781

Ion Ratio Lower Upper

113 100

55 119.3 96.0 136.0

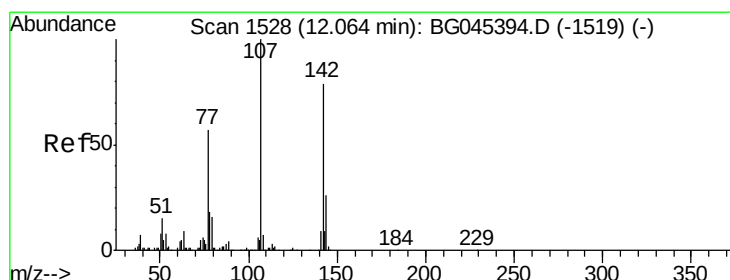
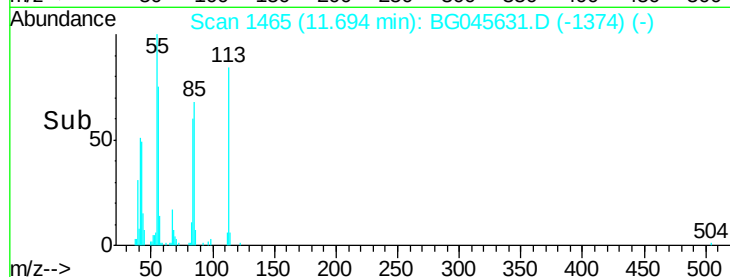
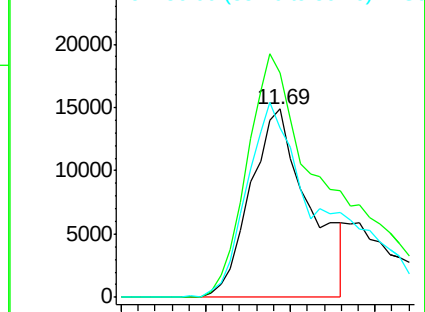
56 89.9 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.639 ng

RT: 12.07 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

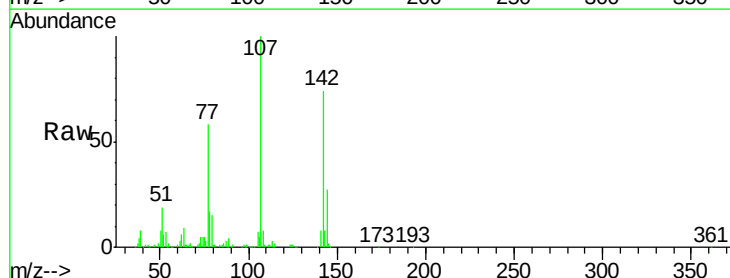
Tgt Ion:107 Resp: 158984

Ion Ratio Lower Upper

107 100

144 26.7 20.8 31.2

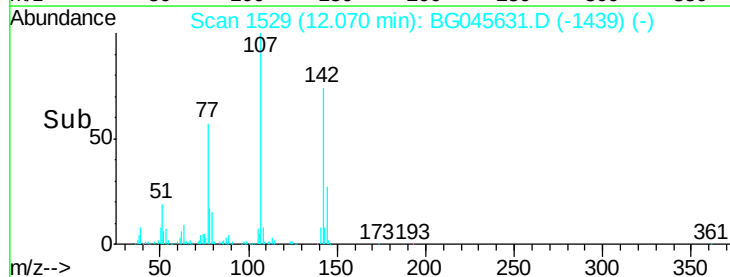
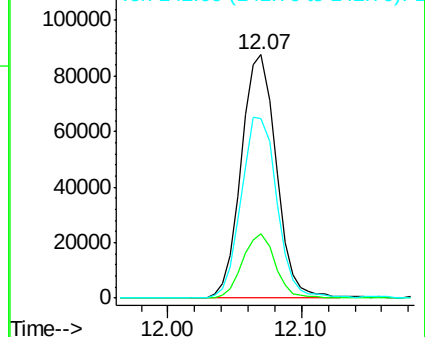
142 73.6 62.8 94.2

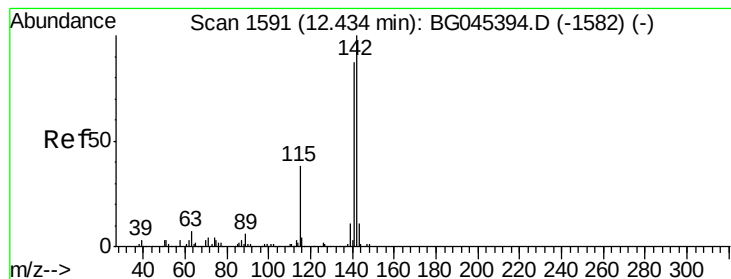


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.756 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

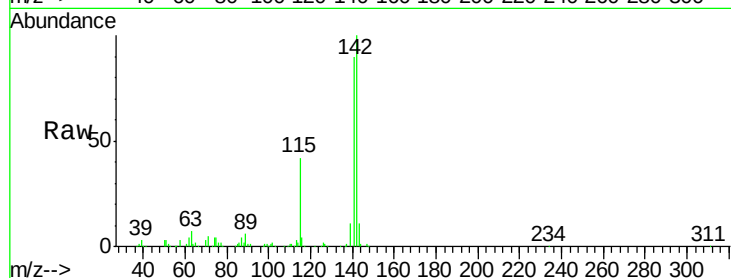
Tot Ion:142 Resp: 325667

Ion Ratio Lower Upper

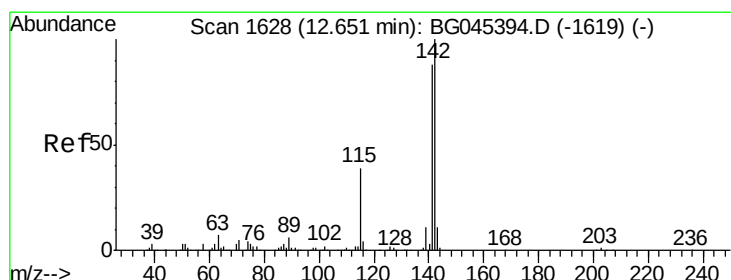
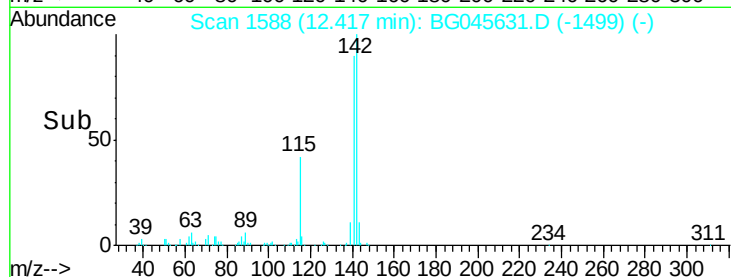
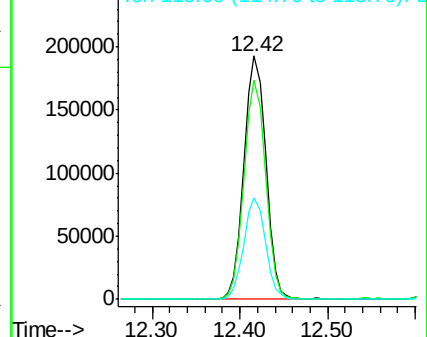
142 100

141 89.9 70.0 105.0

115 41.6 30.8 46.2



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



#38

1-Methylnaphthalene

Concen: 39.175 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

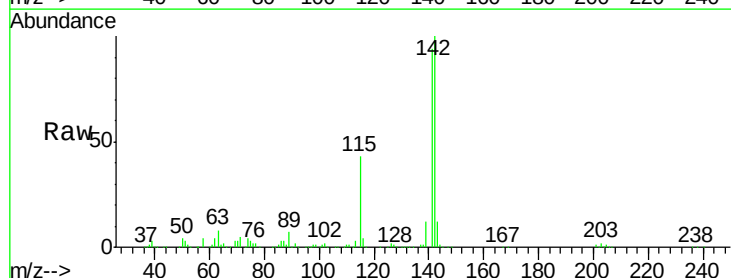
Tgt Ion:142 Resp: 303139

Ion Ratio Lower Upper

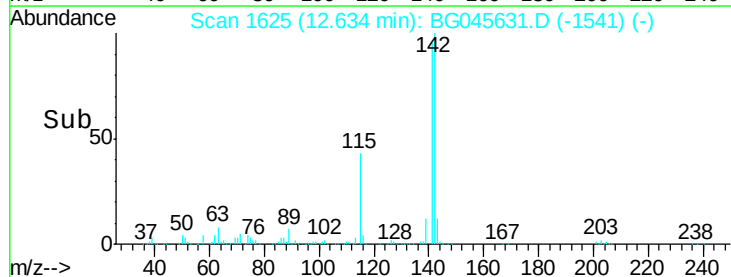
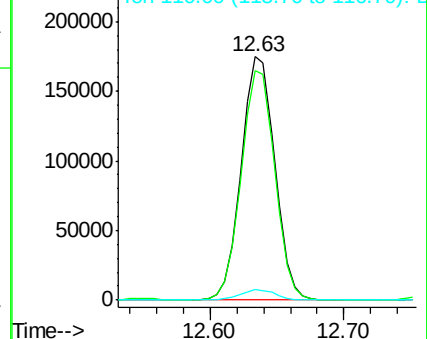
142 100

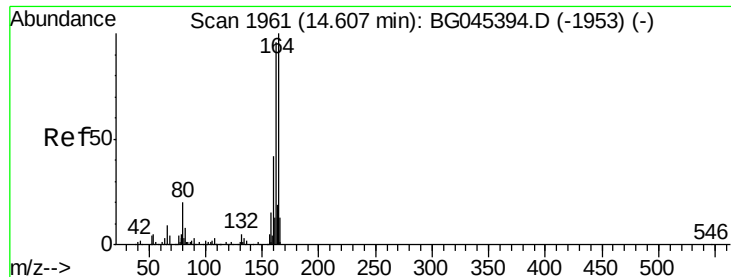
141 94.5 70.8 106.2

116 4.5 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

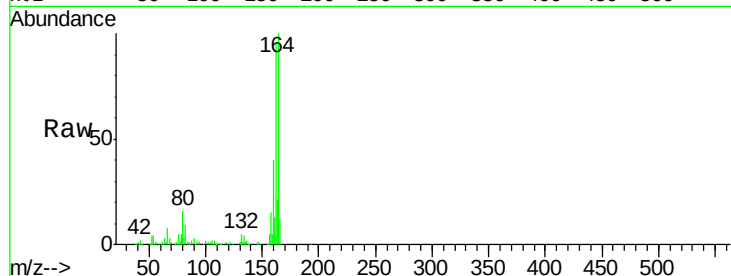
Tot Ion:164 Resp: 164703

Ion Ratio Lower Upper

164 100

162 95.7 76.9 115.3

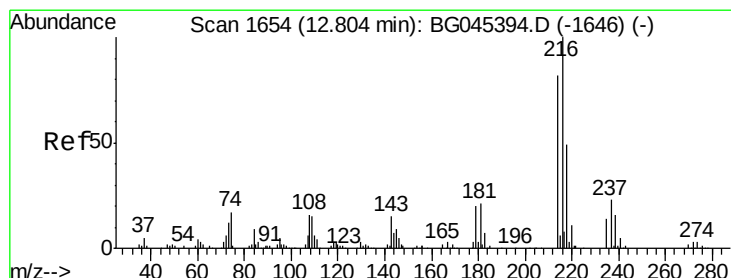
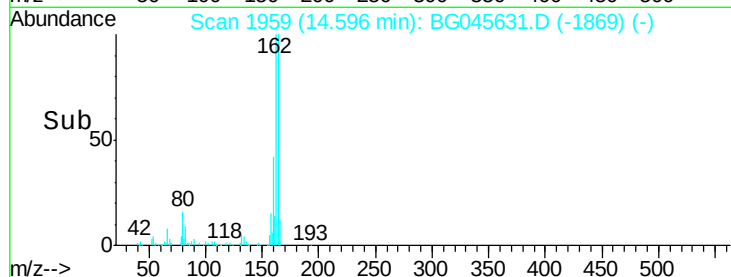
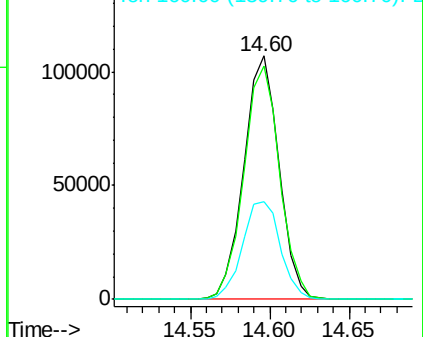
160 40.0 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.650 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Tgt Ion:216 Resp: 187006

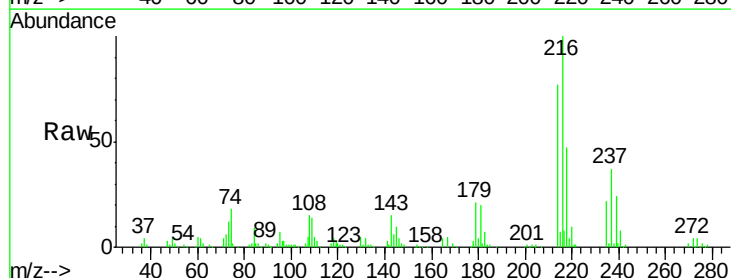
Ion Ratio Lower Upper

216 100

214 78.5 63.7 95.5

179 20.2 16.1 24.1

108 18.6 13.8 20.6

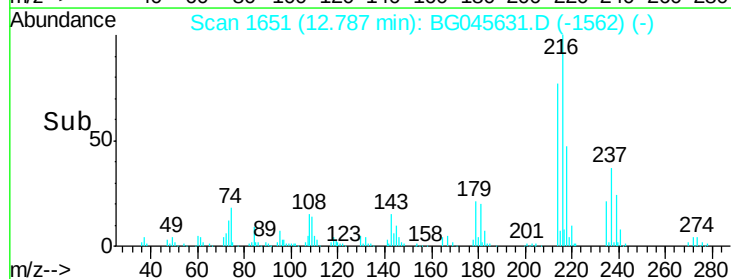
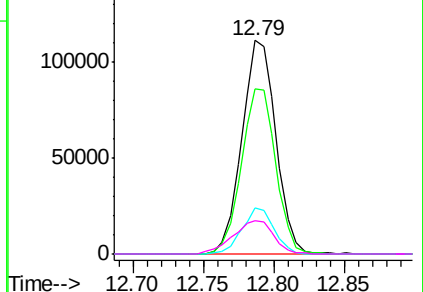


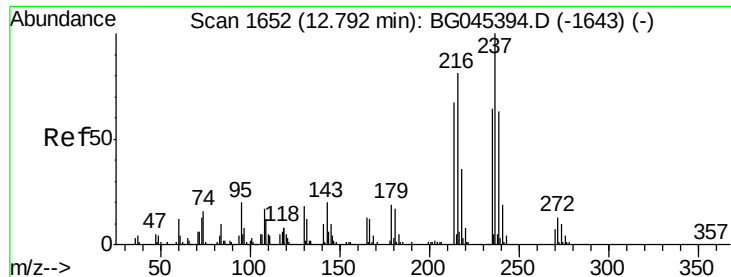
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.256 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

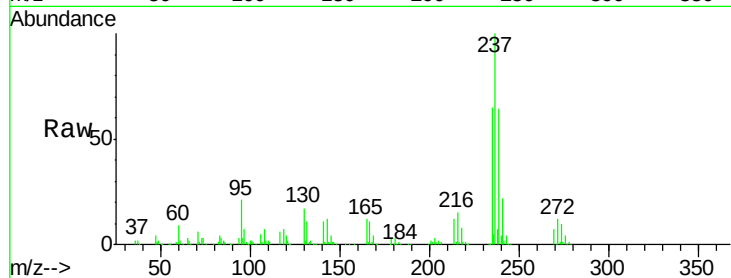
Tot Ion:237 Resp: 207790

Ion Ratio Lower Upper

237 100

235 65.4 44.4 84.4

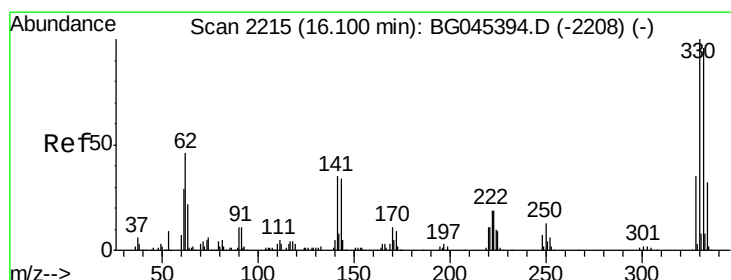
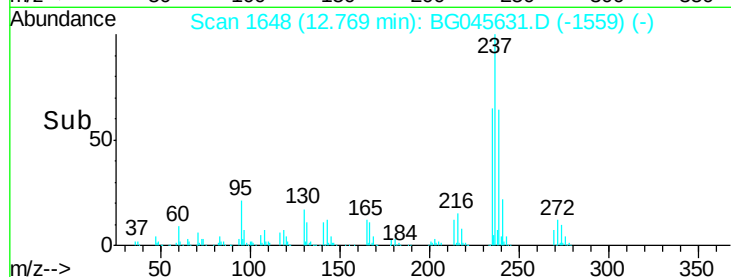
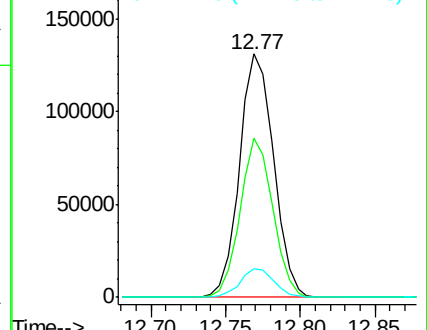
272 11.9 0.0 32.5



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: 118.755 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

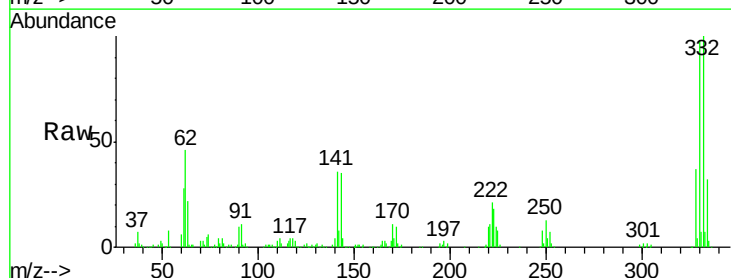
Tgt Ion:330 Resp: 250142

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

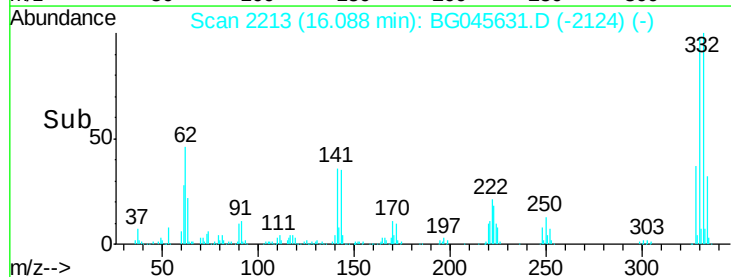
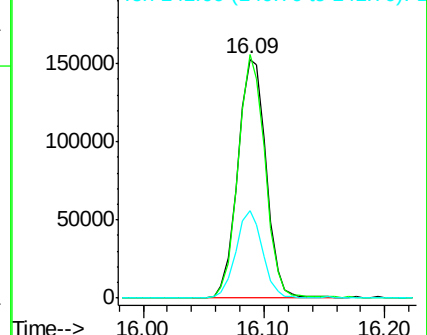
141 34.5 28.2 42.4

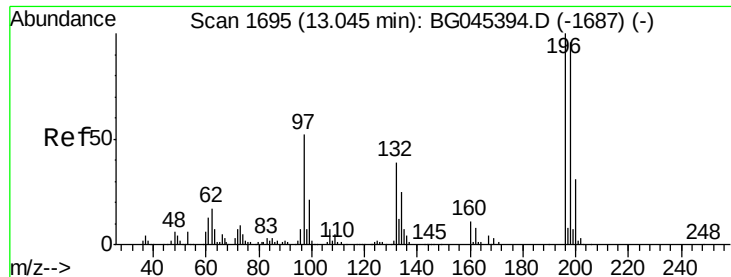


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

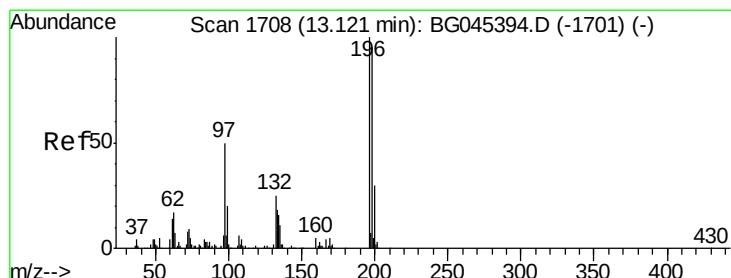
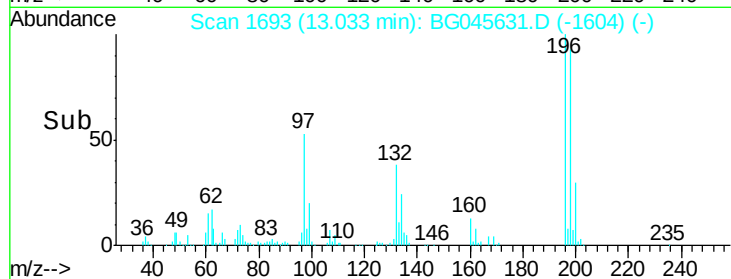
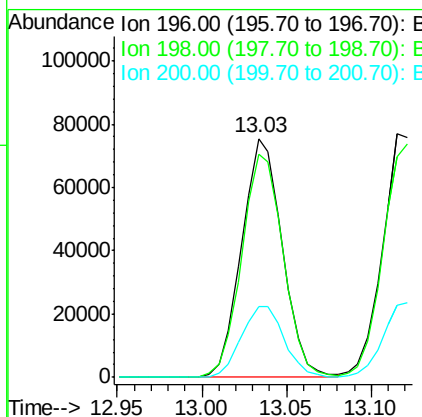
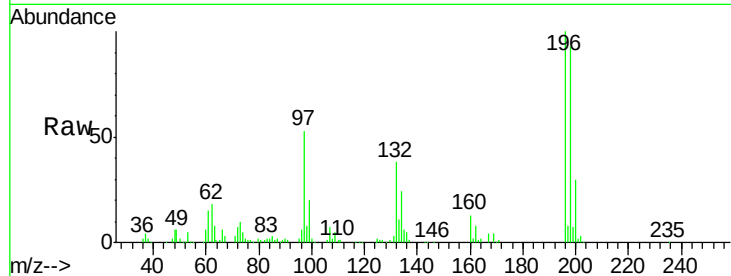




#43
 2,4,6-Trichlorophenol
 Concen: 39.513 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

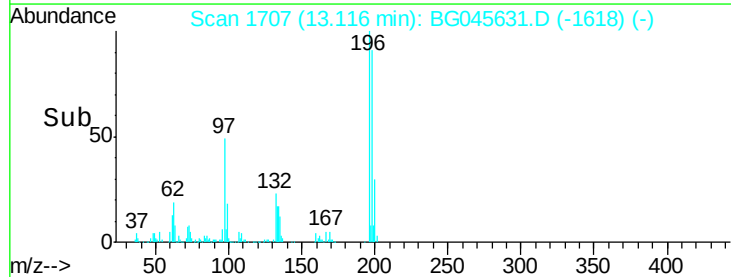
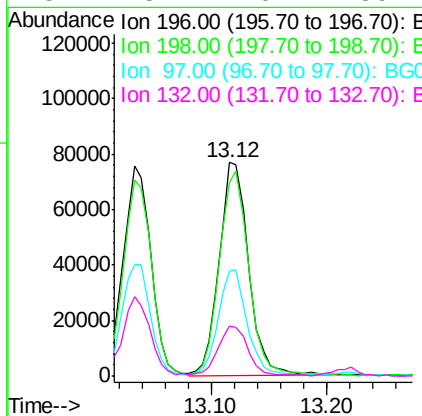
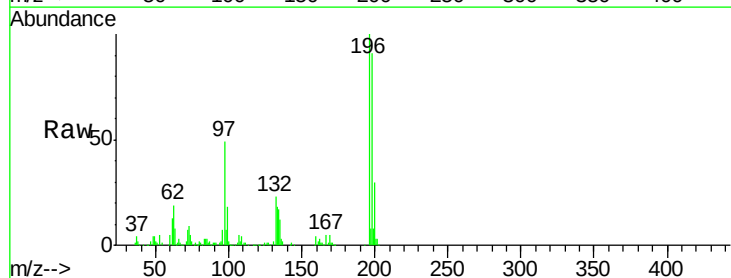
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

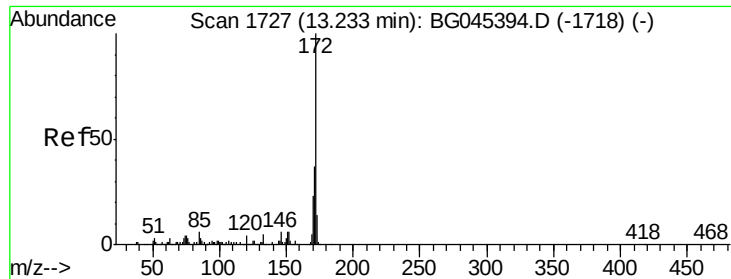
Tot Ion:196 Resp: 126272
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.7 115.1
 200 29.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.169 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion:196 Resp: 135738
 Ion Ratio Lower Upper
 196 100
 198 90.7 76.1 114.1
 97 49.2 40.0 60.0
 132 23.1 20.2 30.2

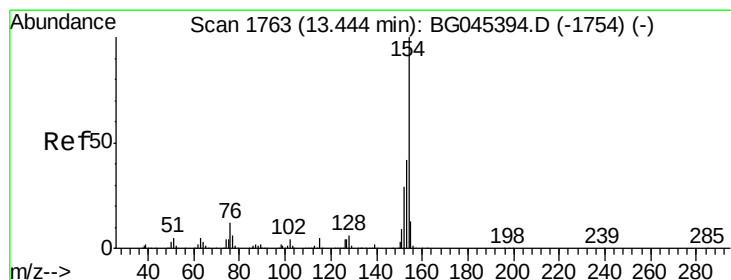
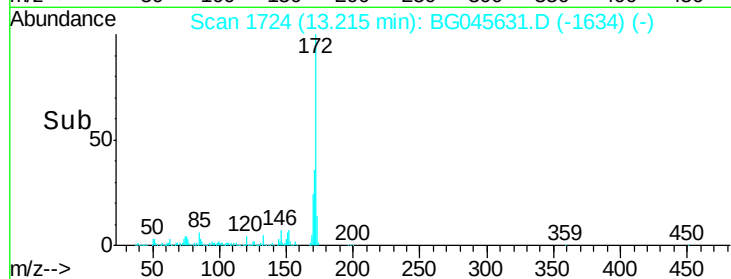
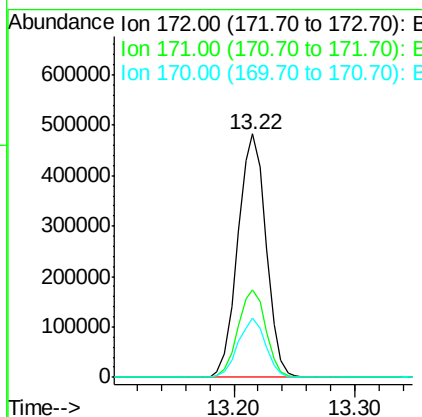
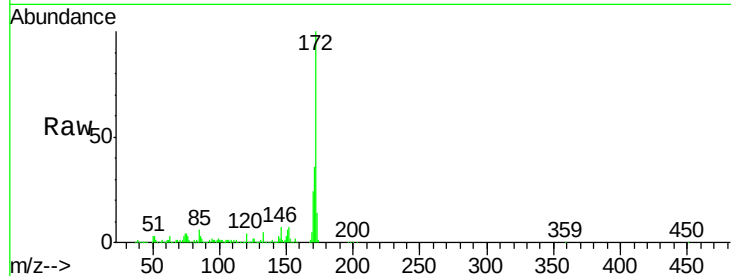




#45
 2-Fluorobiphenyl
 Concen: 80.739 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

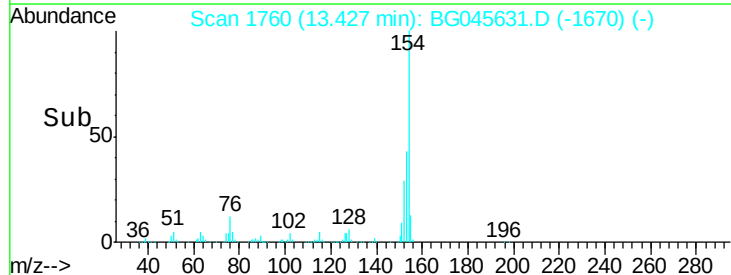
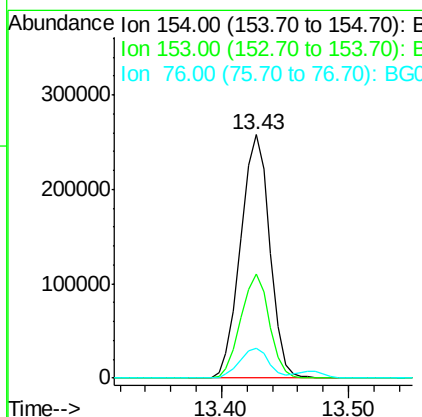
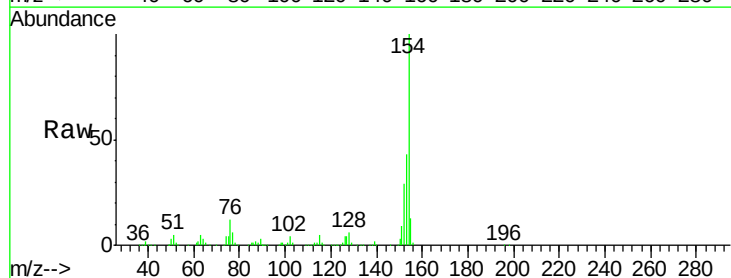
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

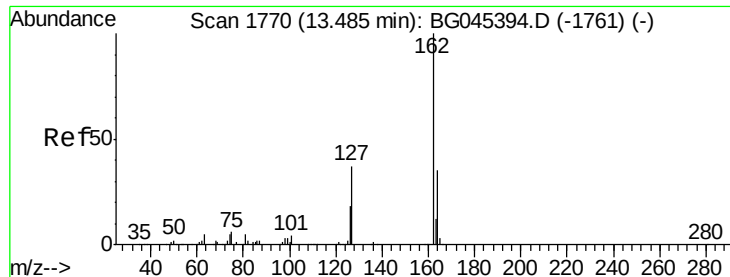
Tot Ion:172 Resp: 783979
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.5 44.3
 170 24.4 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 40.680 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion:154 Resp: 411691
 Ion Ratio Lower Upper
 154 100
 153 42.8 22.2 62.2
 76 12.3 0.0 32.4

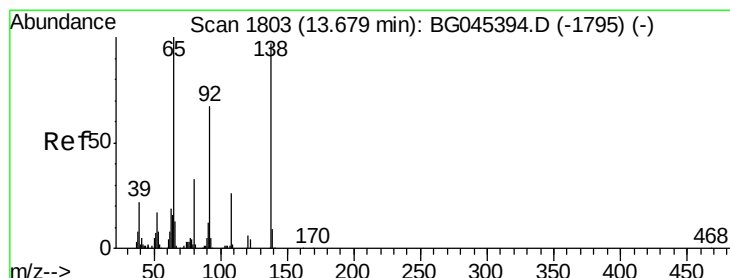
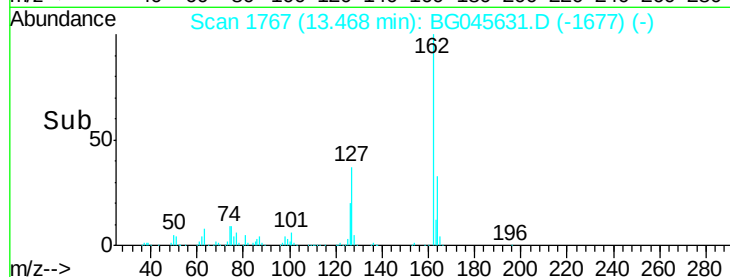
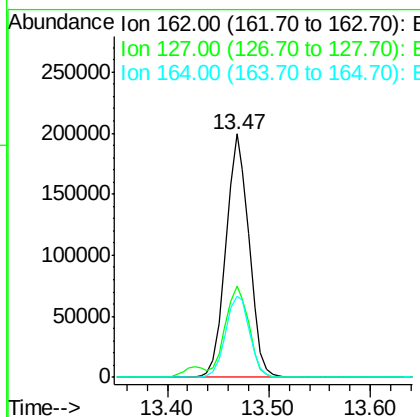
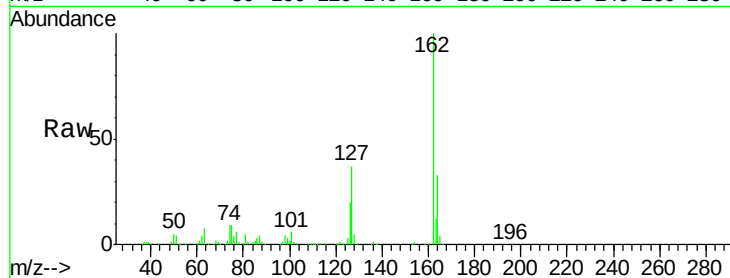




#47
2-Chloronaphthalene
Concen: 38.338 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

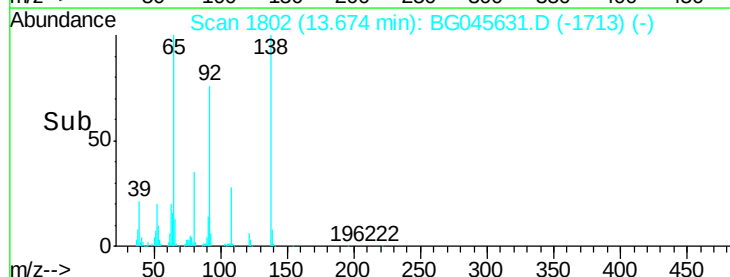
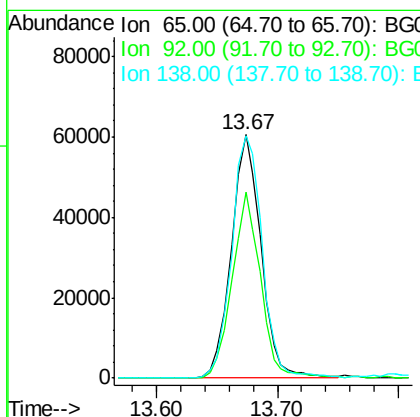
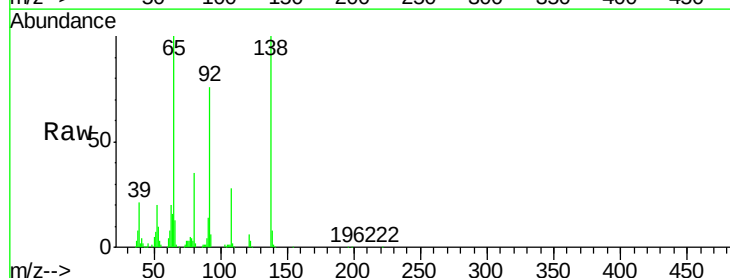
Instrument :
BNA_G
ClientSampleId :
PB129334BS

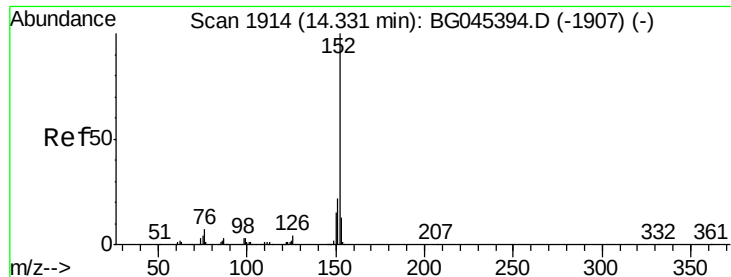
Tot Ion:162 Resp: 315060
Ion Ratio Lower Upper
162 100
127 37.4 31.6 47.4
164 33.5 28.1 42.1



#48
2-Nitroaniline
Concen: 38.476 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion: 65 Resp: 104011
Ion Ratio Lower Upper
65 100
92 76.5 53.8 80.8
138 99.7 77.9 116.9





#49

Acenaphthylene

Concen: 40.079 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

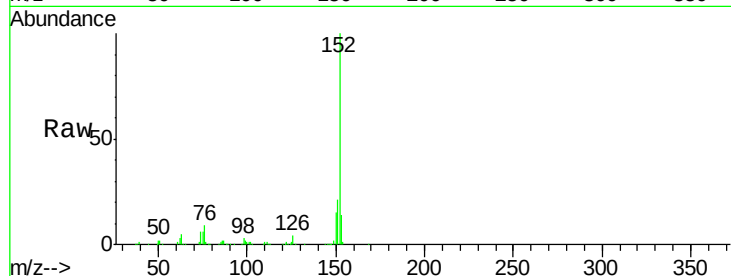
Tot Ion:152 Resp: 529052

Ion Ratio Lower Upper

152 100

151 21.0 17.4 26.2

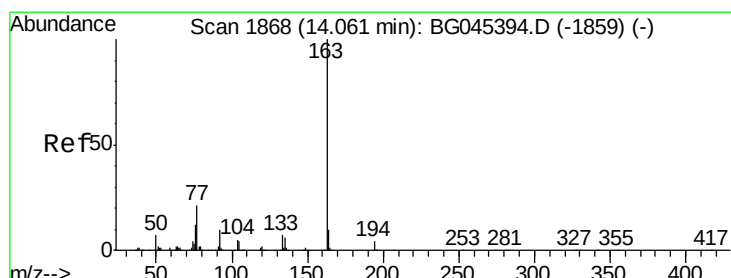
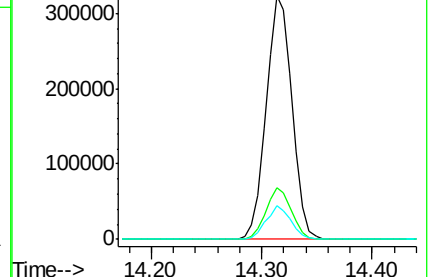
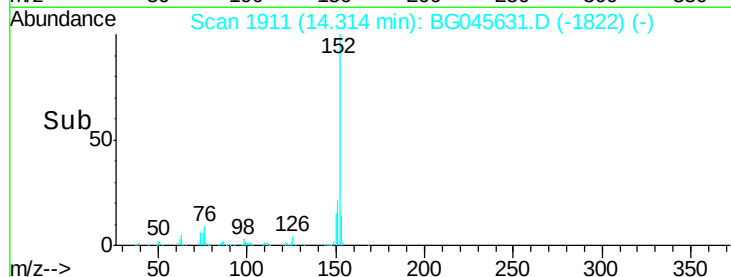
153 13.6 10.7 16.1



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: 37.893 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

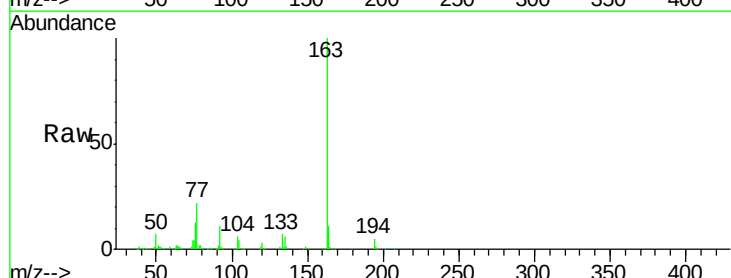
Tgt Ion:163 Resp: 428137

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

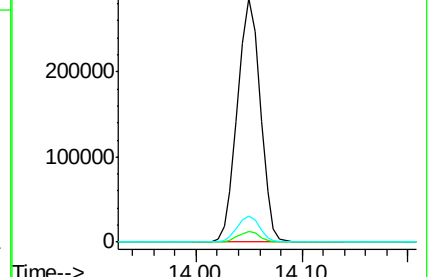
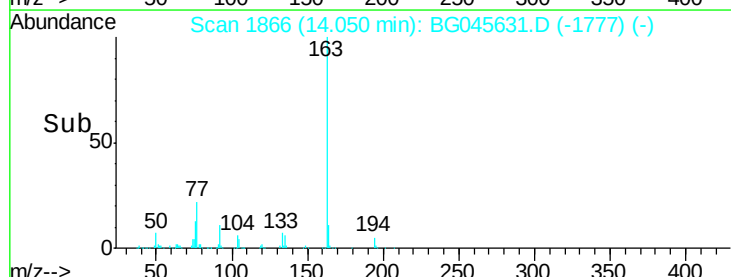
164 10.9 8.3 12.5

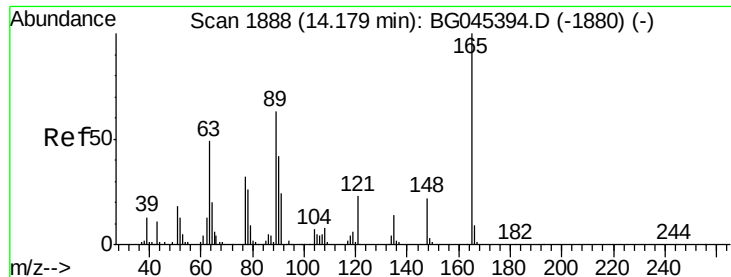


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

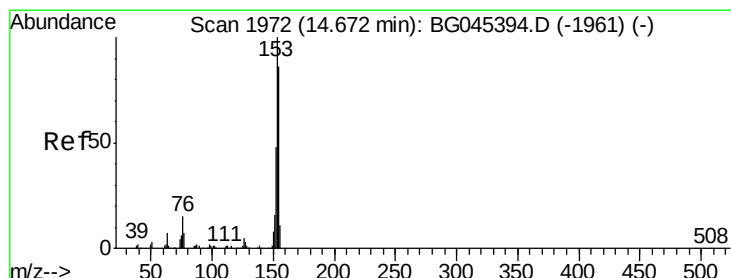
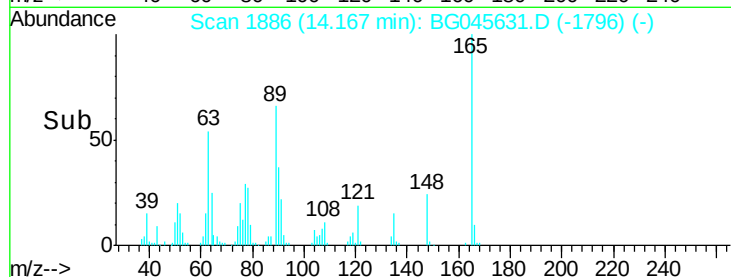
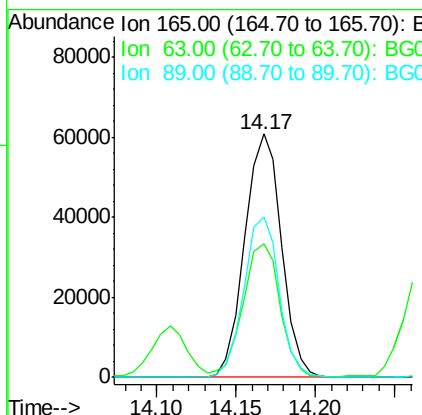
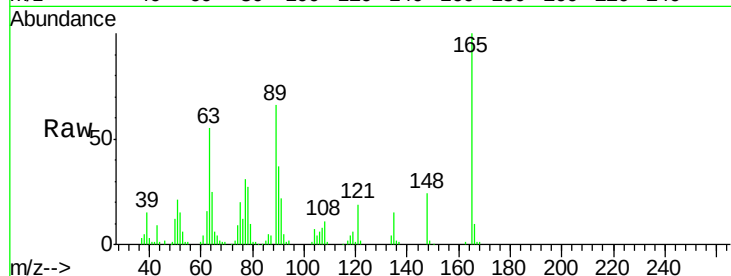




#51
 2,6-Dinitrotoluene
 Concen: 38.292 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

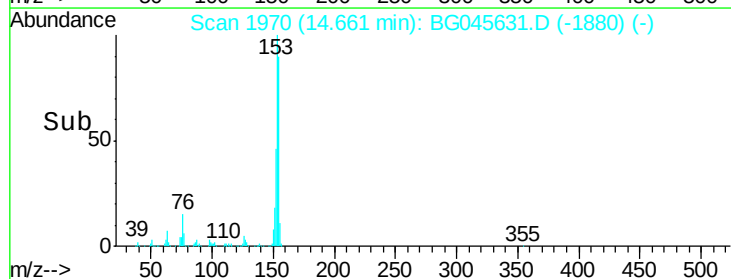
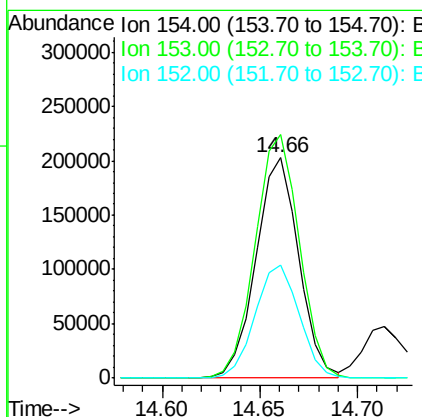
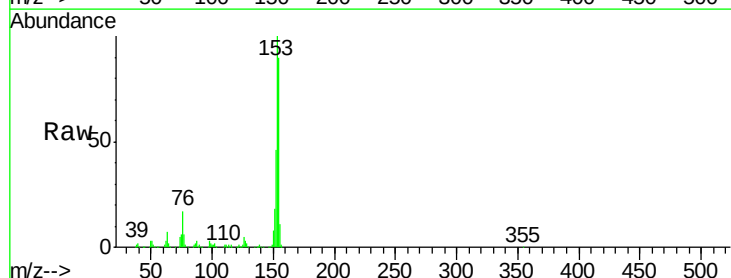
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

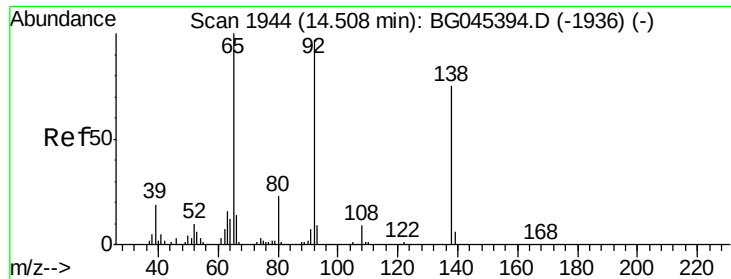
Tot Ion:165 Resp: 97625
 Ion Ratio Lower Upper
 165 100
 63 54.9 45.0 67.4
 89 66.0 50.2 75.4



#52
 Acenaphthene
 Concen: 34.774 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion:154 Resp: 307259
 Ion Ratio Lower Upper
 154 100
 153 110.6 92.8 139.2
 152 51.4 44.6 66.8

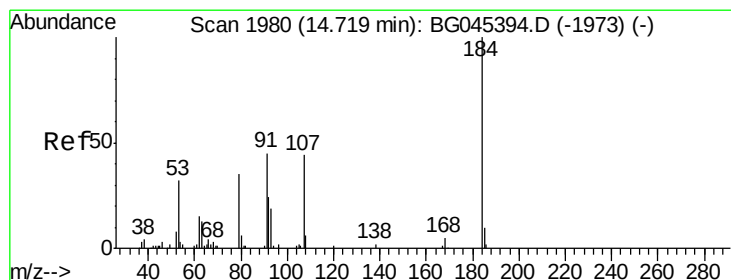
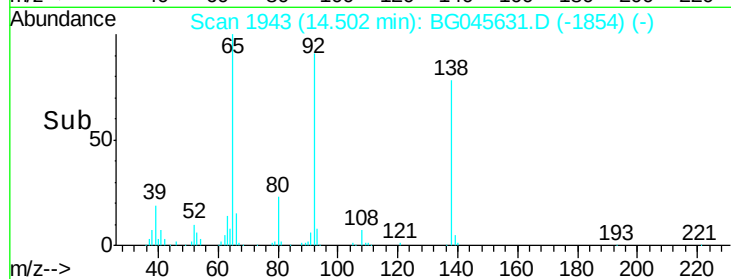
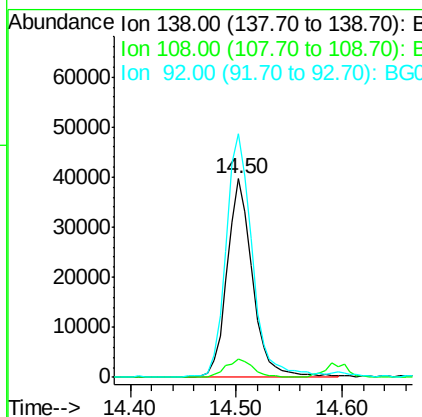
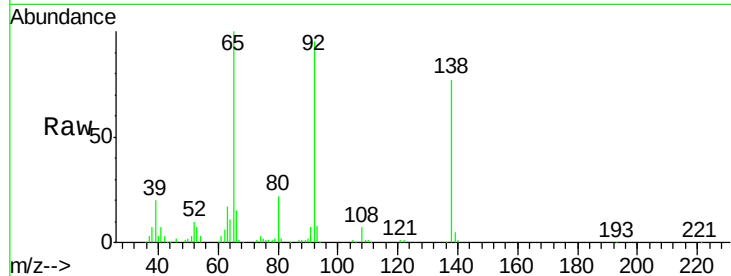




#53
 3-Nitroaniline
 Concen: 25.553 ng
 RT: 14.50 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

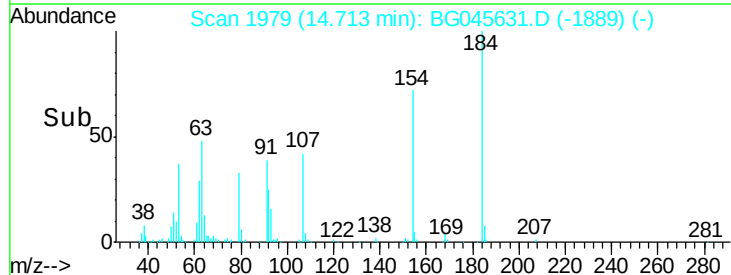
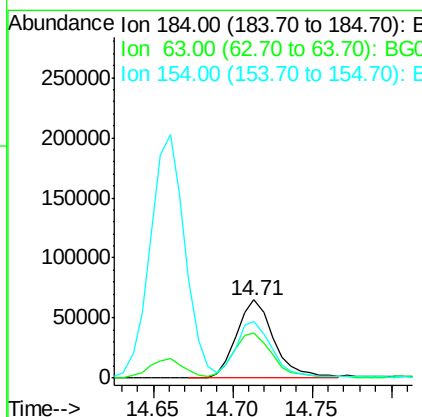
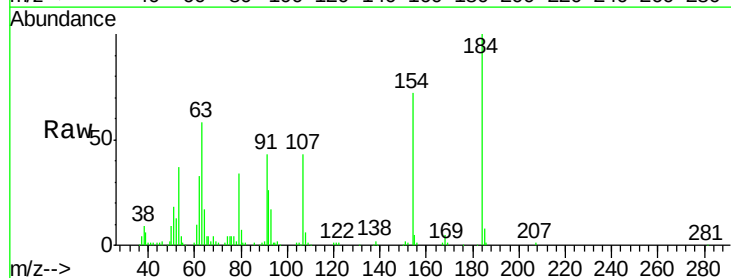
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

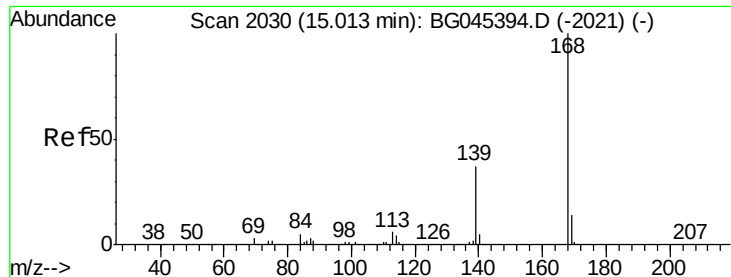
Tot Ion:138 Resp: 66225
 Ion Ratio Lower Upper
 138 100
 108 9.2 9.8 14.6#
 92 122.7 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 65.301 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion:184 Resp: 107262
 Ion Ratio Lower Upper
 184 100
 63 58.3 47.8 71.6
 154 72.2 58.3 87.5





#55

Dibenzofuran

Concen: 38.276 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

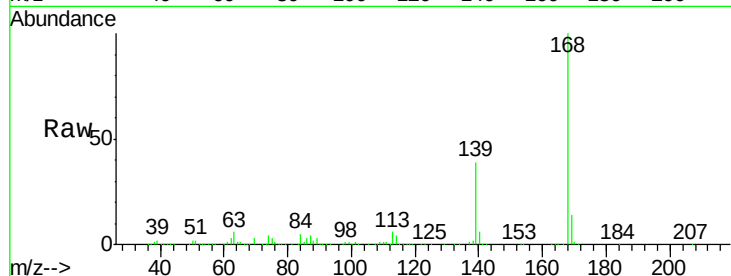
Tot Ion:168 Resp: 502245

Ion Ratio Lower Upper

168 100

139 39.4 29.9 44.9

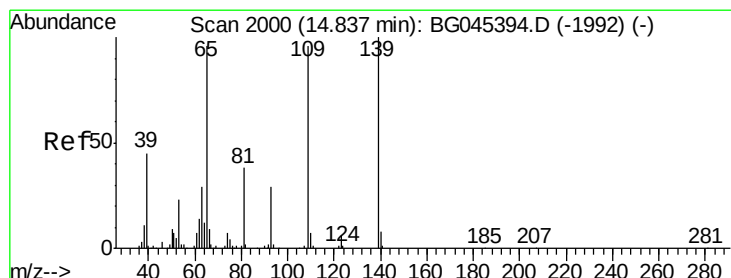
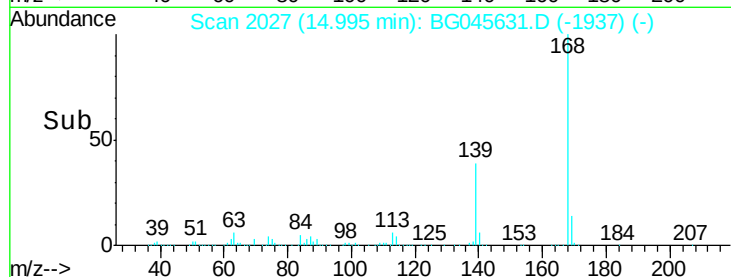
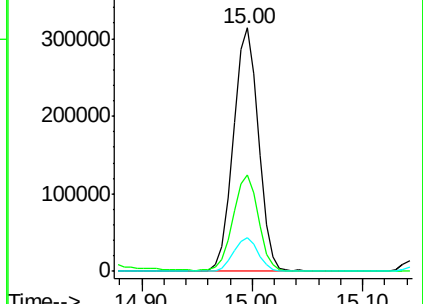
169 14.0 10.9 16.3



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: 71.447 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

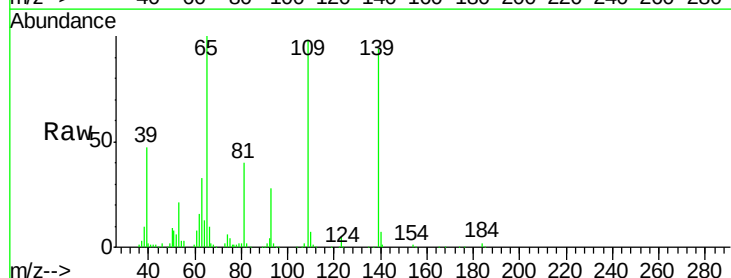
Tgt Ion:139 Resp: 140190

Ion Ratio Lower Upper

139 100

109 103.5 75.6 115.6

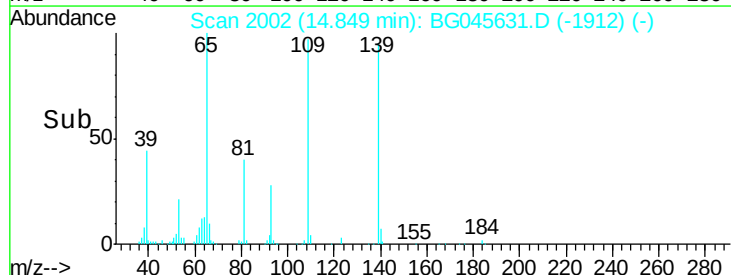
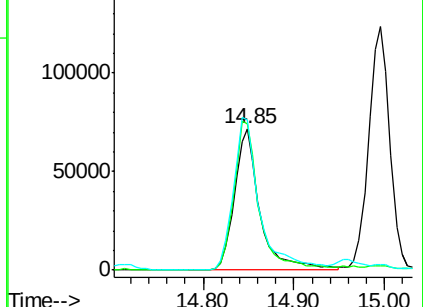
65 106.1 76.8 116.8

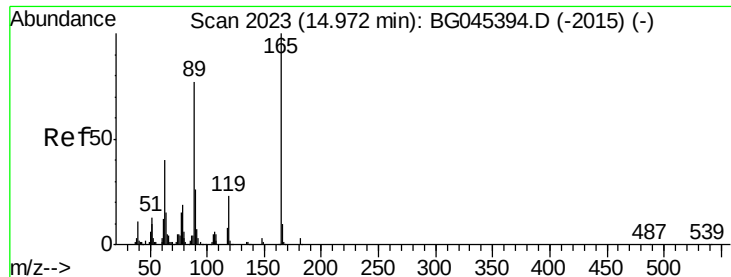


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

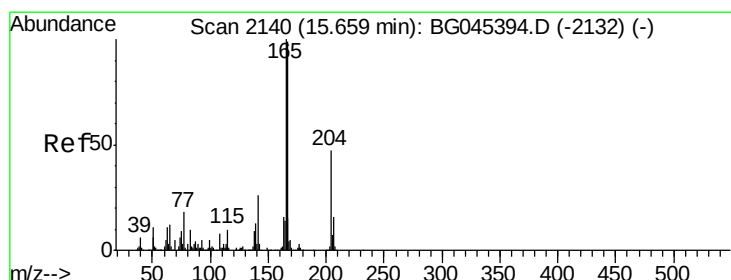
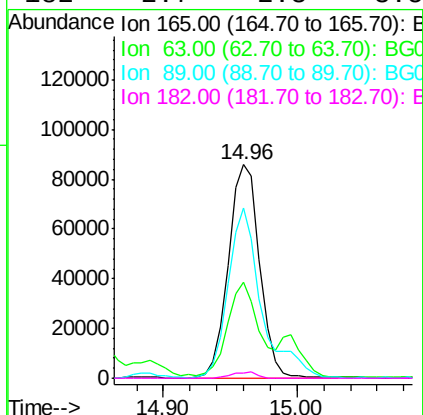
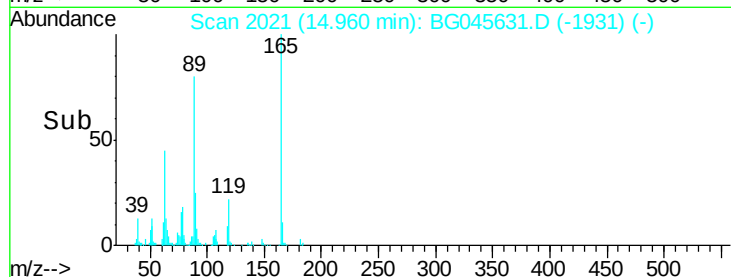
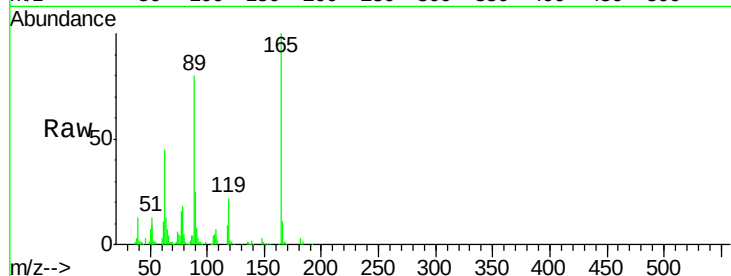




#57
2,4-Dinitrotoluene
Concen: 38.123 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

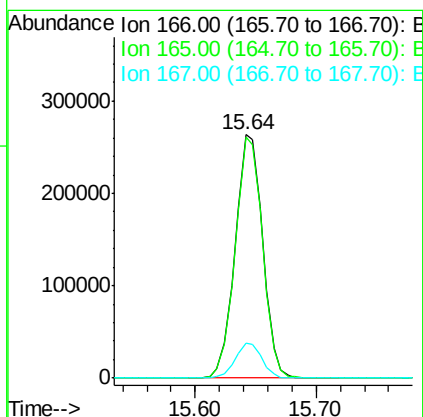
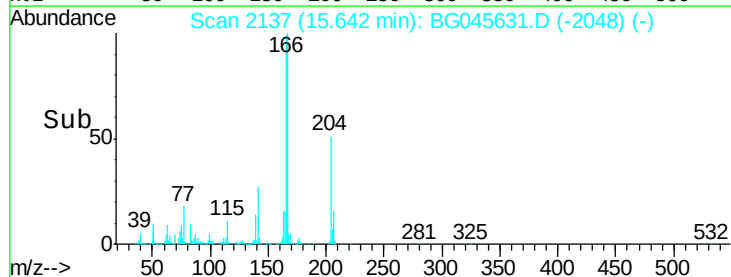
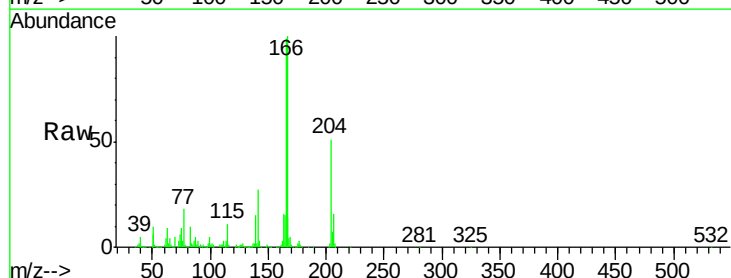
Instrument :
BNA_G
ClientSampleId :
PB129334BS

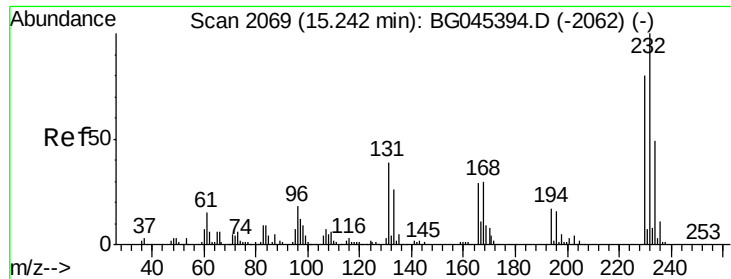
Tot Ion:165 Resp: 140766
Ion Ratio Lower Upper
165 100
63 45.0 32.5 48.7
89 79.7 61.8 92.6
182 2.7 2.3 3.5



#58
Fluorene
Concen: 38.718 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion:166 Resp: 417377
Ion Ratio Lower Upper
166 100
165 99.0 80.8 121.2
167 14.2 12.0 18.0

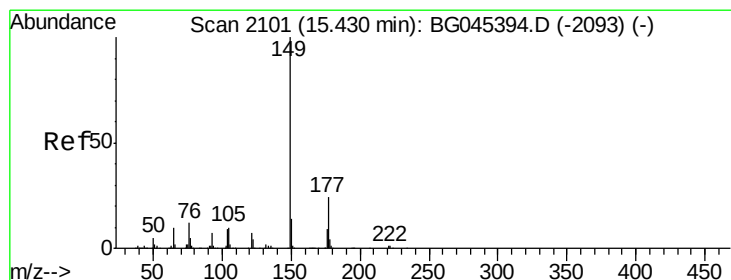
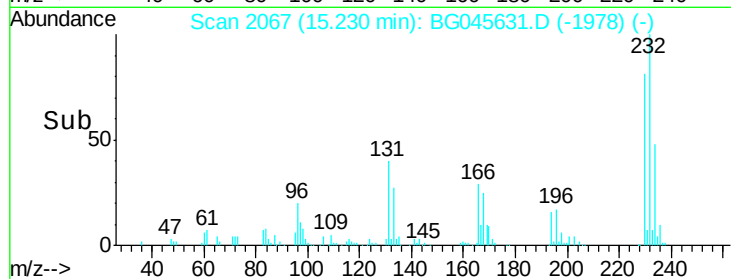
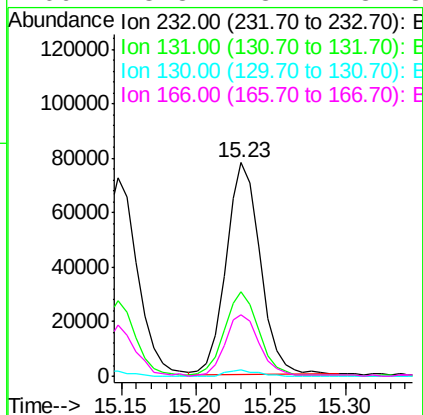
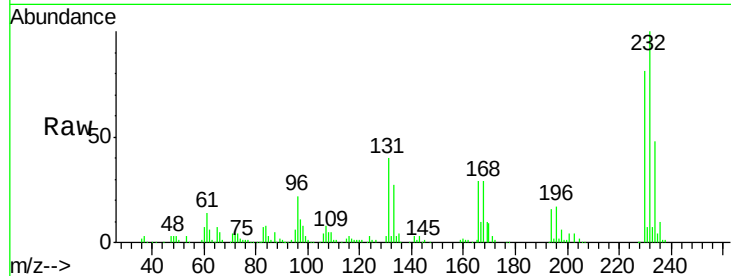




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.781 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

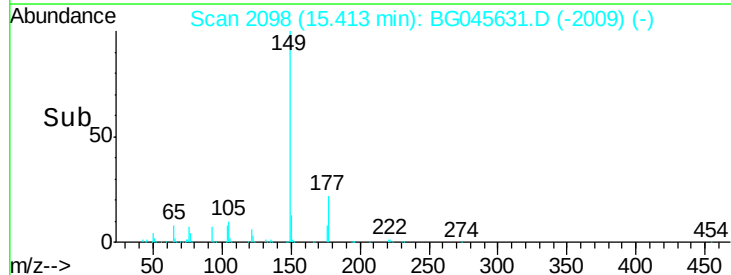
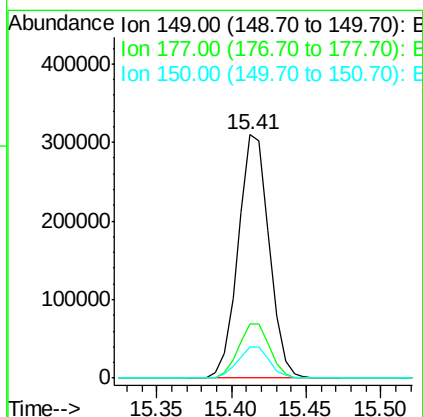
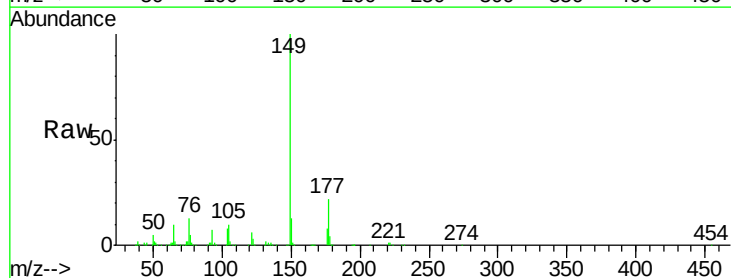
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

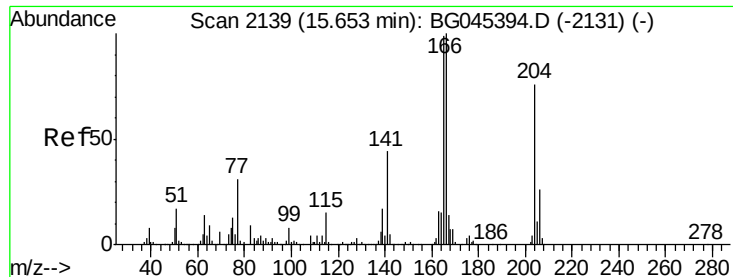
Tot Ion:232	Resp:	124599
Ion Ratio	Lower	Upper
232	100	
131	41.2	33.7 50.5
130	2.6	2.1 3.1
166	28.8	23.2 34.8



#60
 Diethylphthalate
 Concen: 37.855 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion:149	Resp:	445172
Ion Ratio	Lower	Upper
149	100	
177	22.2	19.0 28.4
150	12.8	11.4 17.0

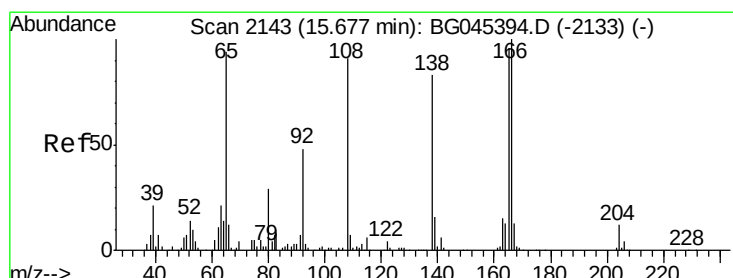
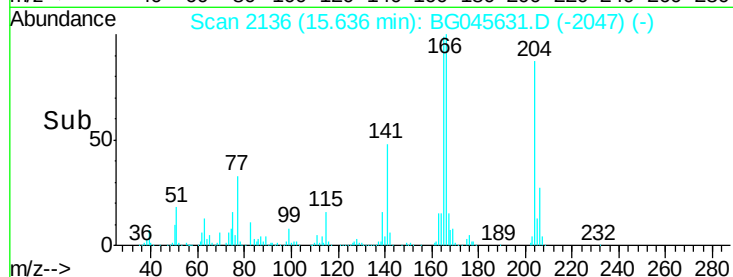
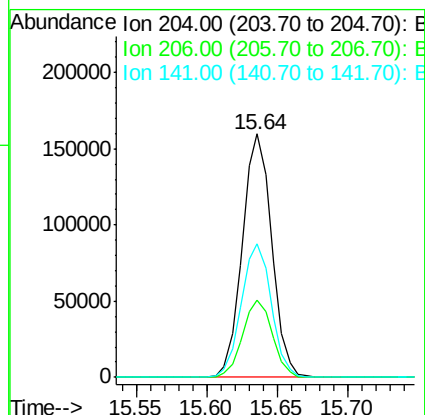
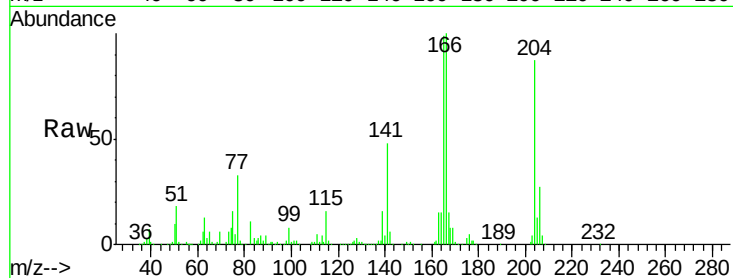




#61
4-Chlorophenyl-phenylether
Concen: 37.734 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

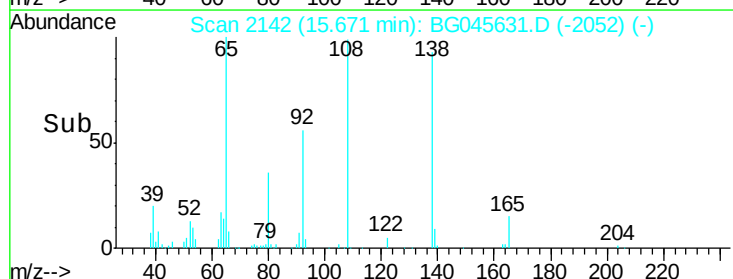
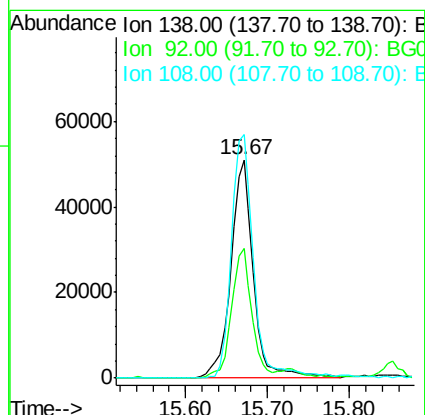
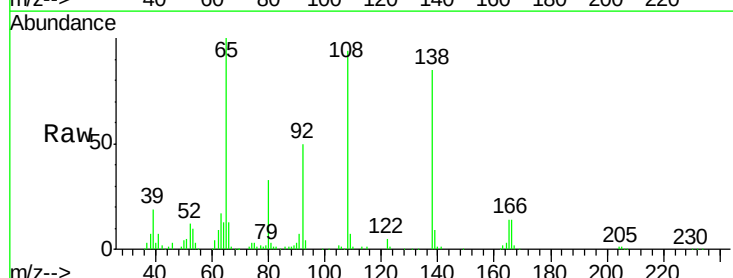
Instrument :
BNA_G
ClientSampleId :
PB129334BS

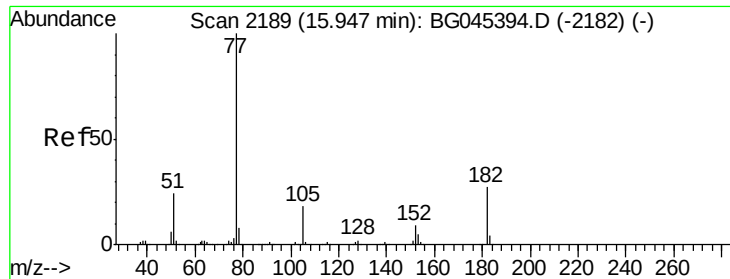
Tot Ion:204 Resp: 232773
Ion Ratio Lower Upper
204 100
206 31.5 27.3 40.9
141 55.1 45.9 68.9



#62
4-Nitroaniline
Concen: 36.170 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion:138 Resp: 97862
Ion Ratio Lower Upper
138 100
92 59.7 38.0 78.0
108 111.6 89.3 129.3





#63

Azobenzene

Concen: 38.391 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

Tot Ion: 77 Resp: 420970

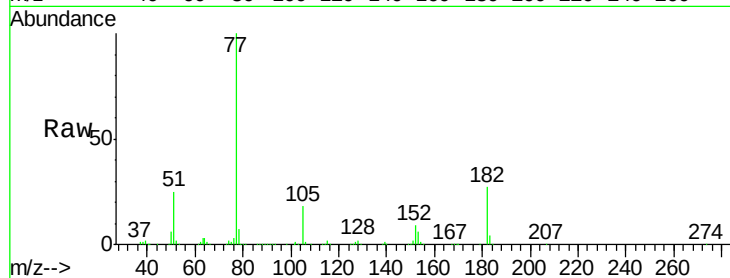
Ion Ratio Lower Upper

77 100

182 26.9 6.5 46.5

105 17.9 0.0 37.9

51 24.9 4.1 44.1

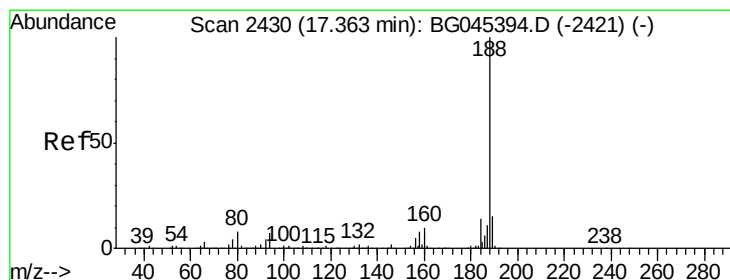
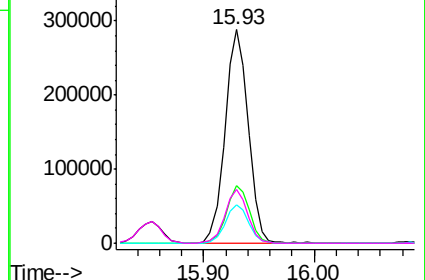
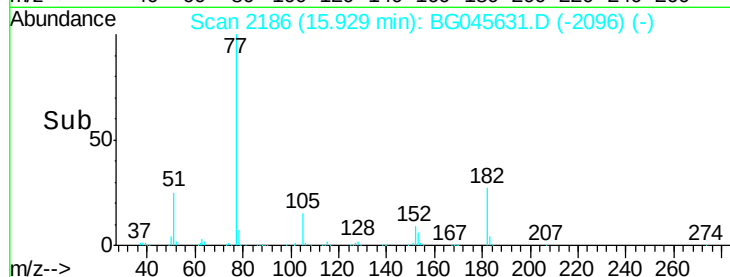


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

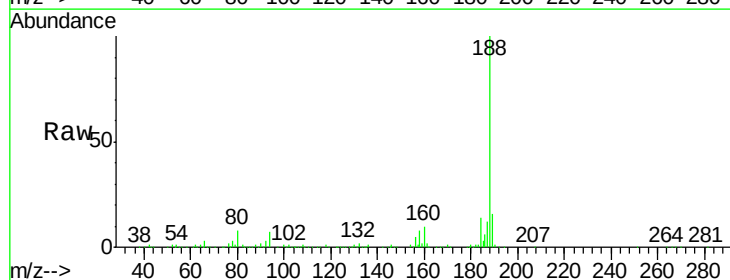
Tgt Ion: 188 Resp: 379441

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

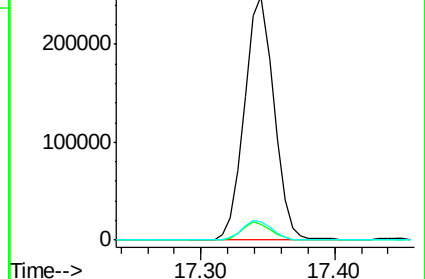
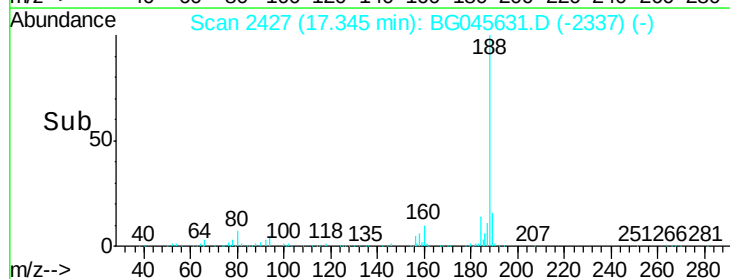
80 7.6 6.6 10.0

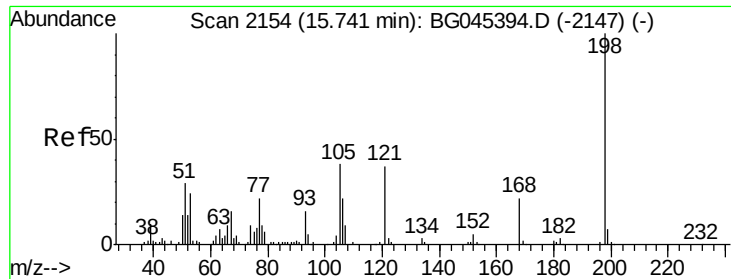


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

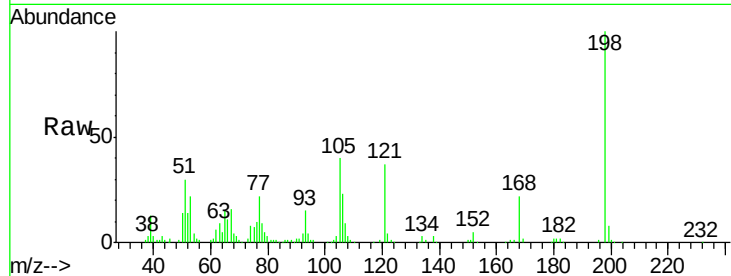




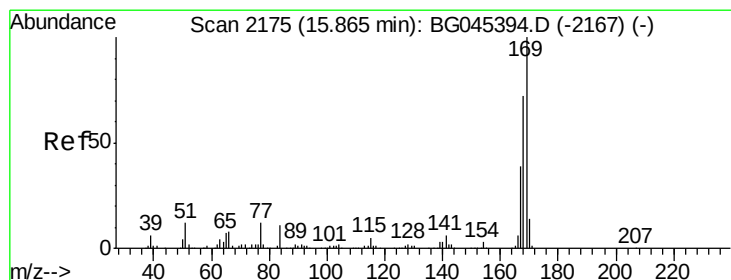
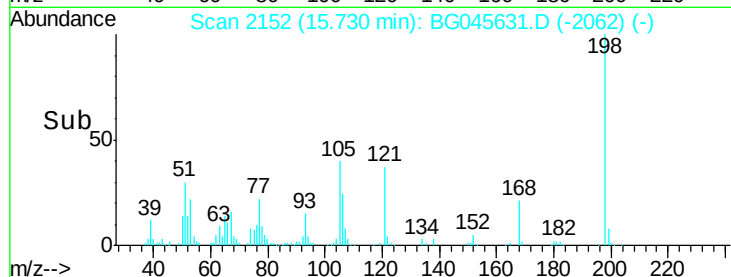
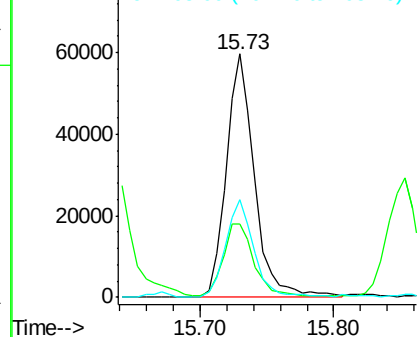
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.092 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

Tot Ion	198	Resp	88597
Ion Ratio	100	Lower	Upper
51	30.3	10.0	50.0
105	39.9	18.9	58.9

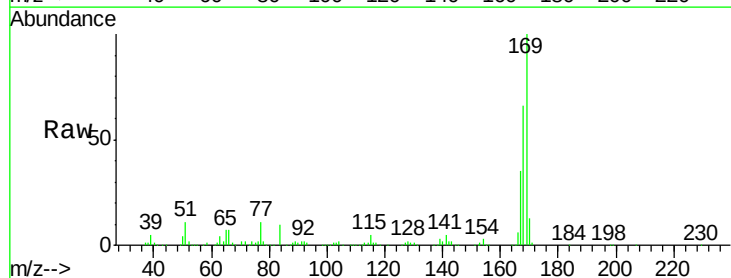


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

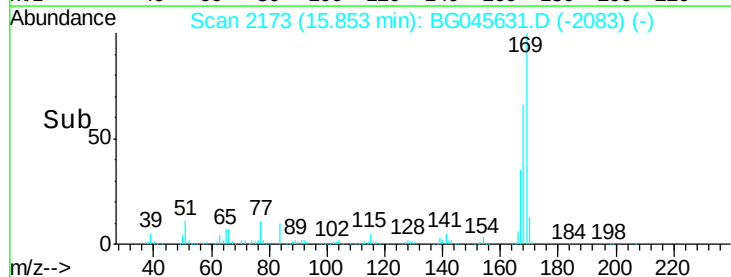
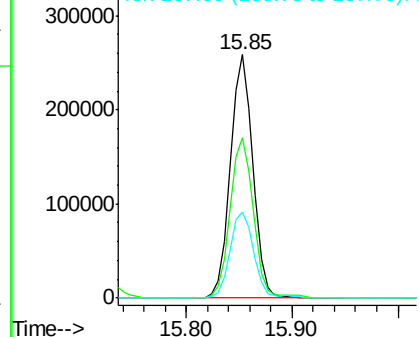


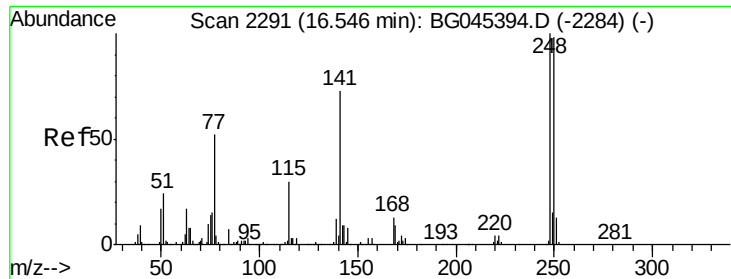
#66
 n-Nitrosodiphenylamine
 Concen: 41.569 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion	169	Resp	378706
Ion Ratio	100	Lower	Upper
168	65.9	57.8	86.6
167	35.4	31.5	47.3



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

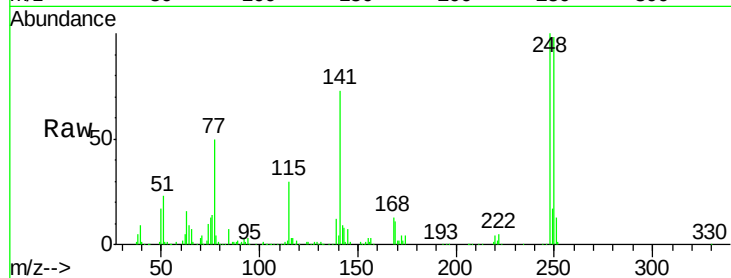




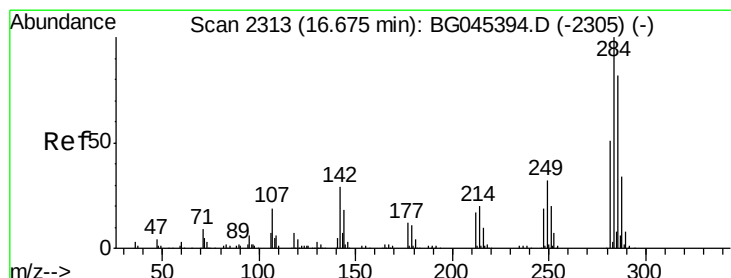
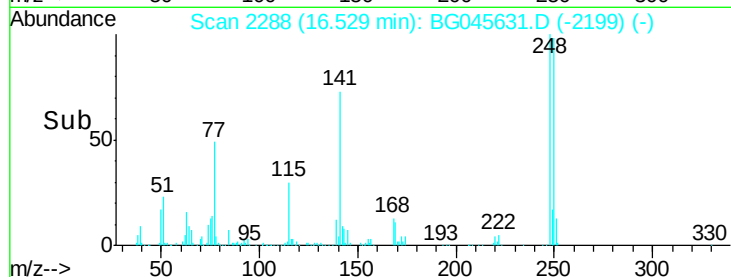
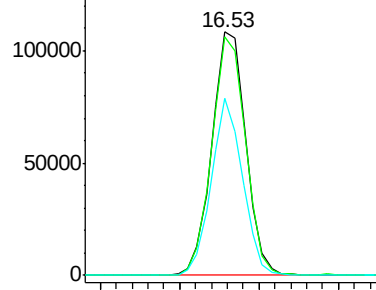
#67
4-Bromophenyl-phenylether
Concen: 39.192 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Instrument :
BNA_G
ClientSampleId :
PB129334BS

Tot Ion:248 Resp: 161030
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 72.9 58.2 87.2

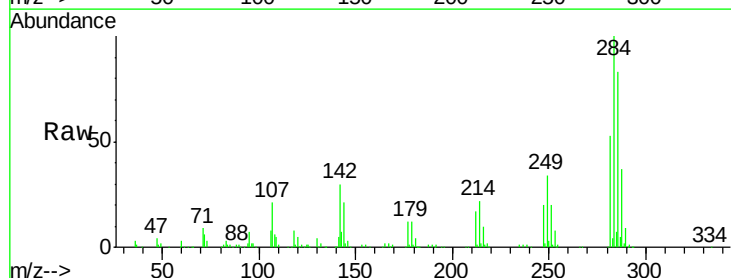


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

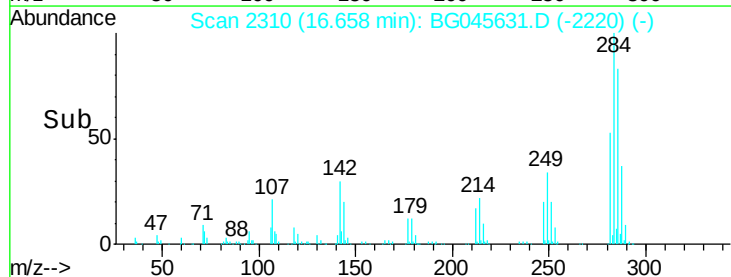
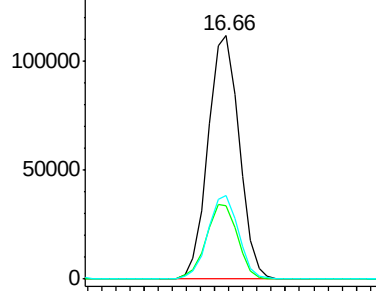


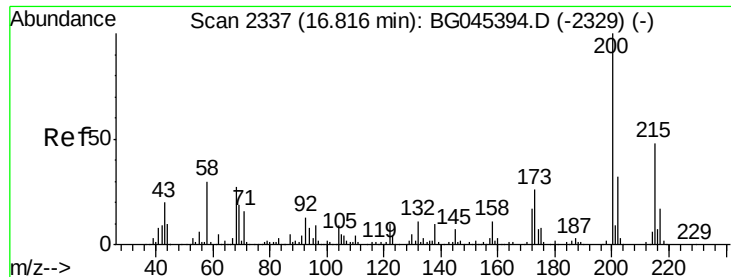
#68
Hexachlorobenzene
Concen: 40.169 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045631.D
Acq: 6 Jun 2020 2:18

Tgt Ion:284 Resp: 172622
Ion Ratio Lower Upper
284 100
142 30.1 23.0 34.6
249 34.3 25.8 38.6



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: 38.517 ng

RT: 16.80 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

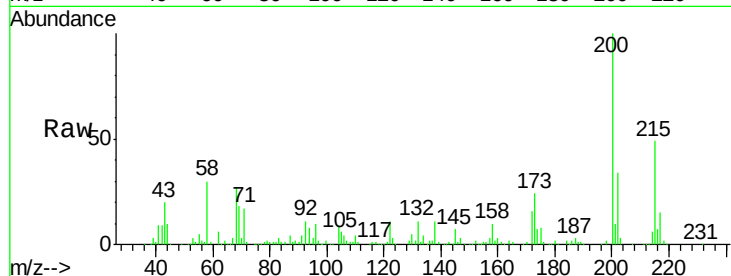
Tot Ion:200 Resp: 144534

Ion Ratio Lower Upper

200 100

173 24.2 5.5 45.5

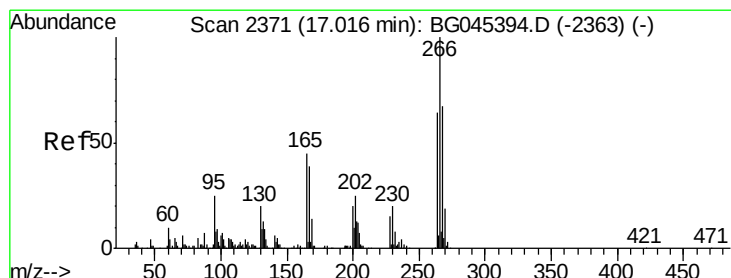
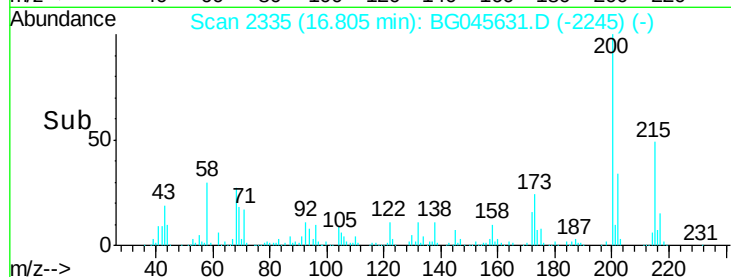
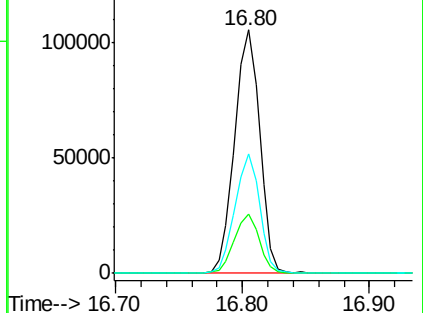
215 49.0 28.2 68.2



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: 79.180 ng

RT: 17.00 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

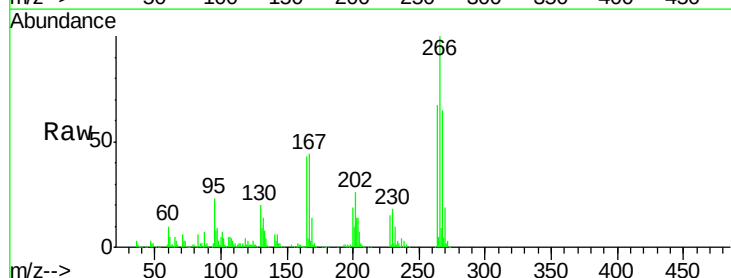
Tgt Ion:266 Resp: 176680

Ion Ratio Lower Upper

266 100

268 64.6 53.2 79.8

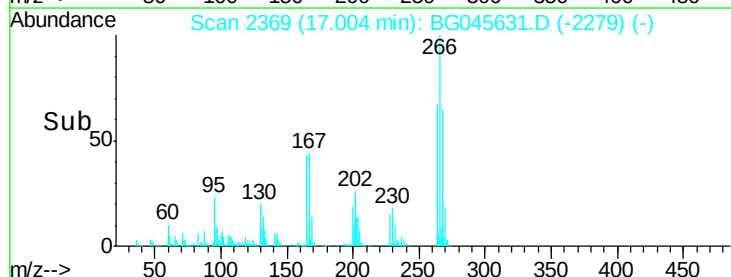
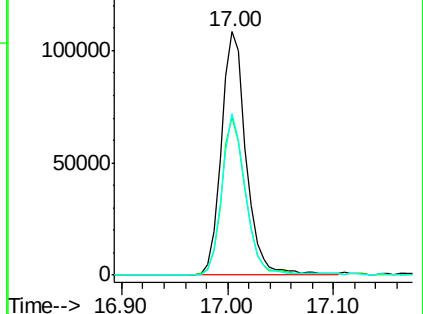
264 66.5 51.0 76.4

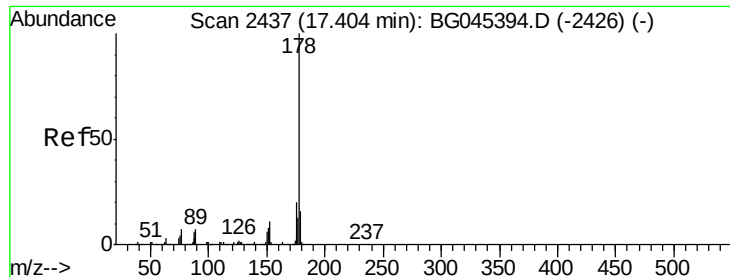


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.864 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

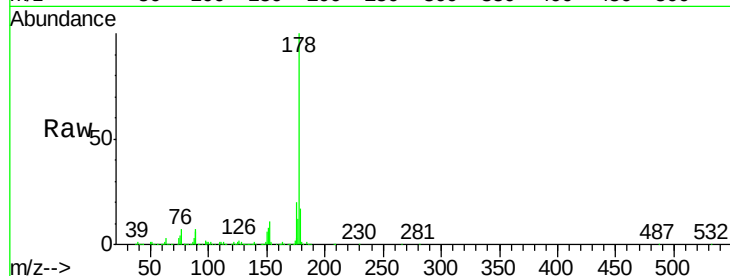
Tot Ion:178 Resp: 676900

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

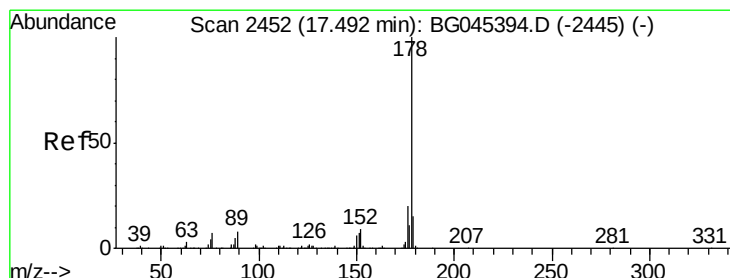
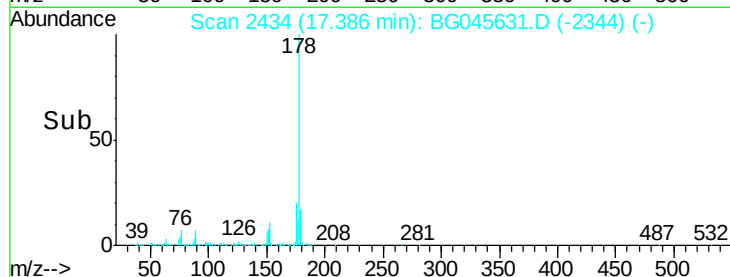
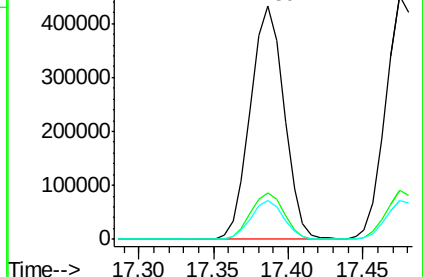
179 16.6 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.179 ng

RT: 17.47 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

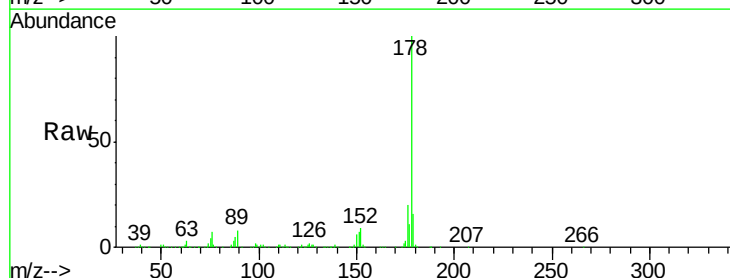
Tgt Ion:178 Resp: 701639

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

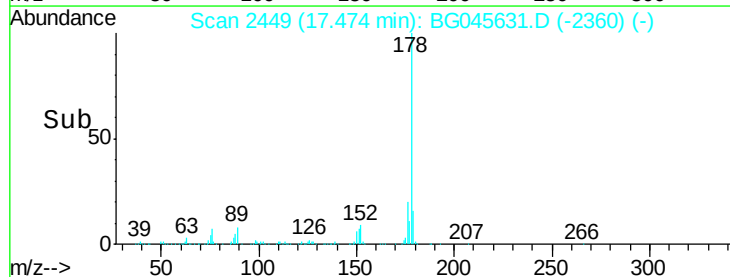
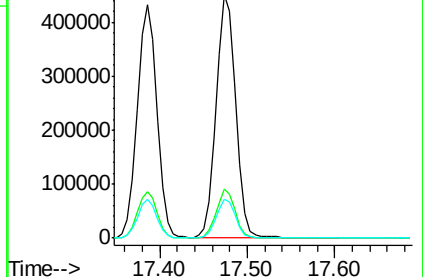
179 16.1 12.2 18.4

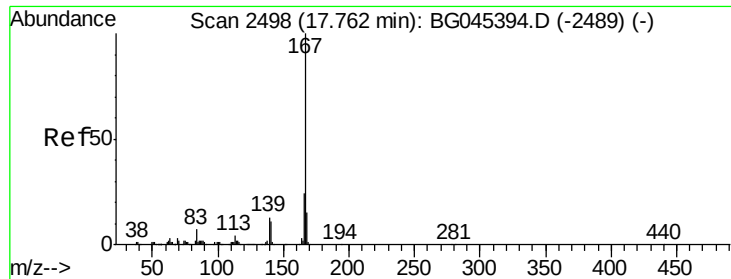


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

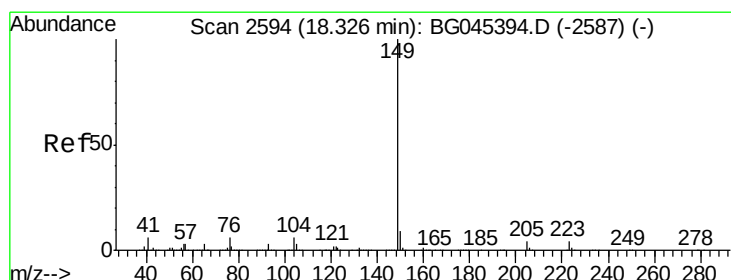
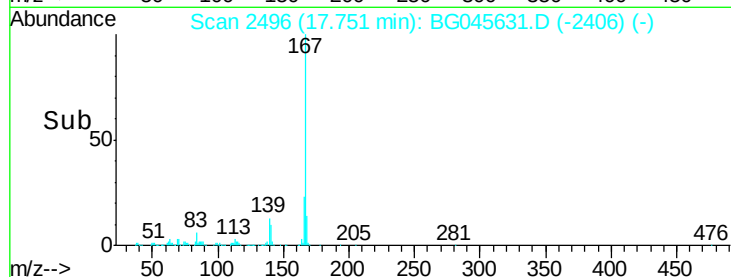
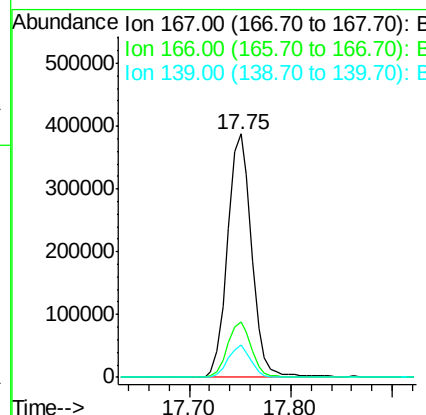
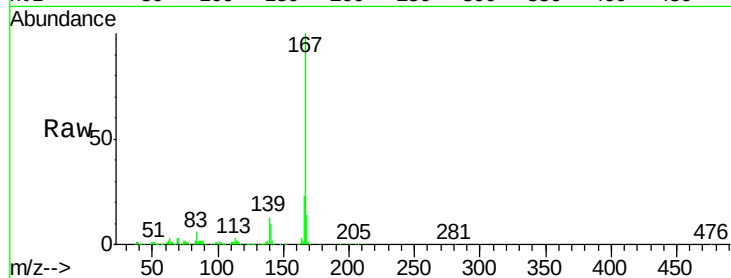




#73
 Carbazole
 Concen: 39.669 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

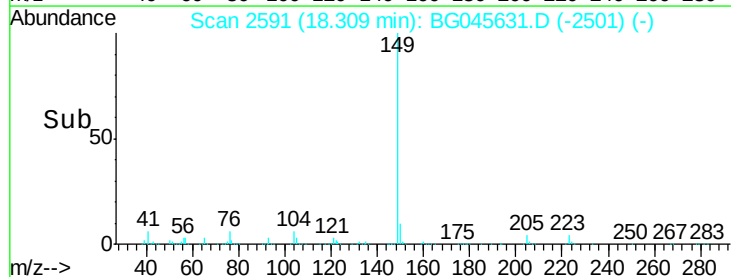
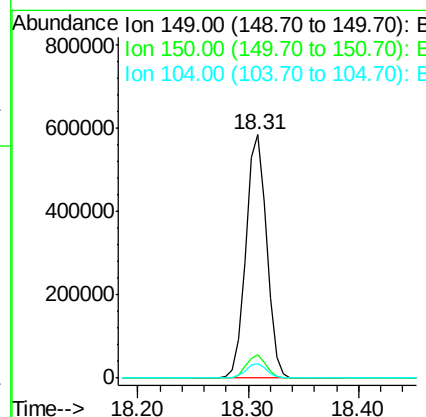
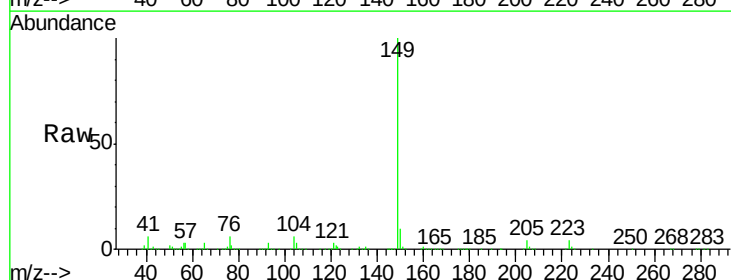
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BS

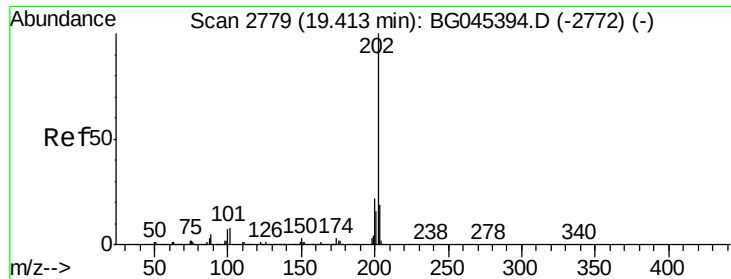
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.2	28.8
139	13.3	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 39.846 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045631.D
 Acq: 6 Jun 2020 2:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 41.444 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

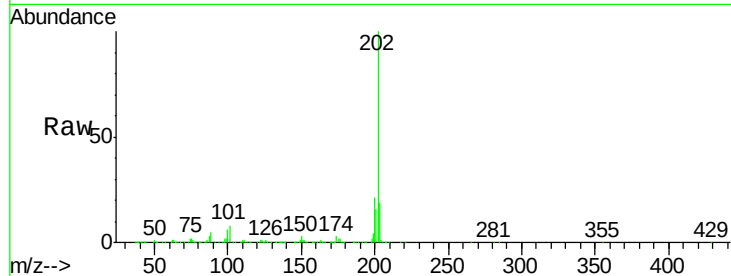
Tot Ion:202 Resp: 873204

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.3

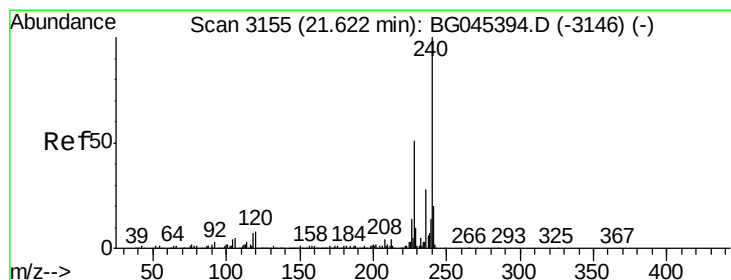
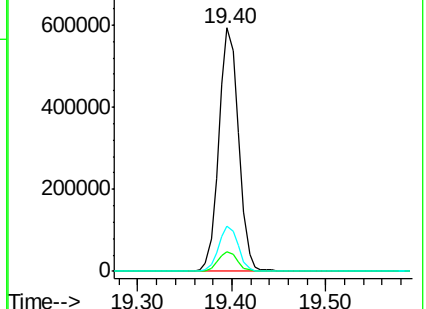
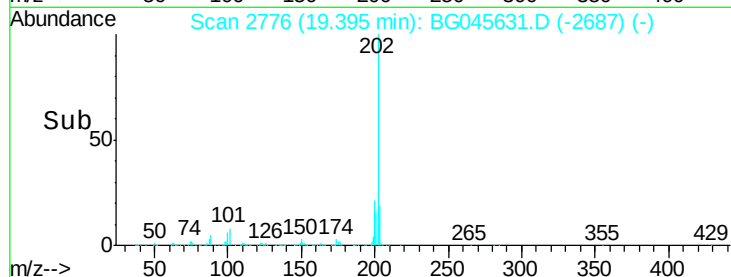
203 18.8 0.0 39.0



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: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

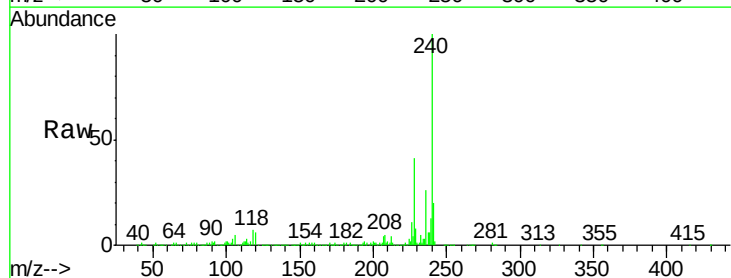
Tgt Ion:240 Resp: 376642

Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

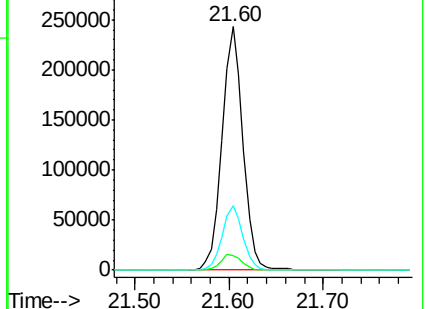
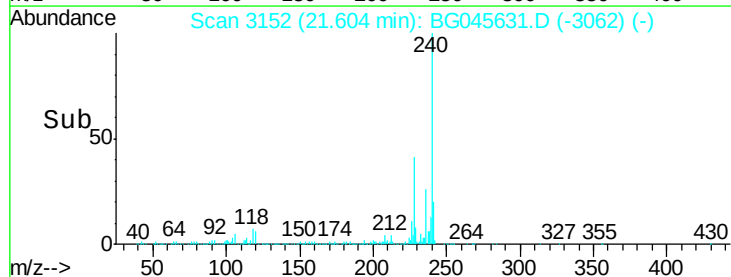
236 26.5 22.3 33.5

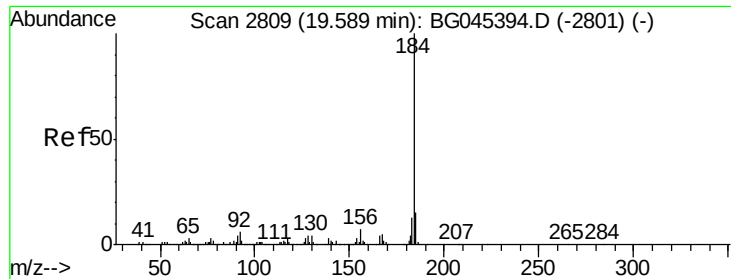


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.567 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

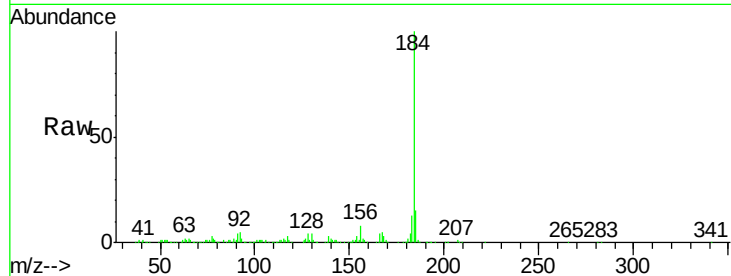
BNA_G

ClientSampleId :

PB129334BS

Tot Ion:184 Resp: 397386

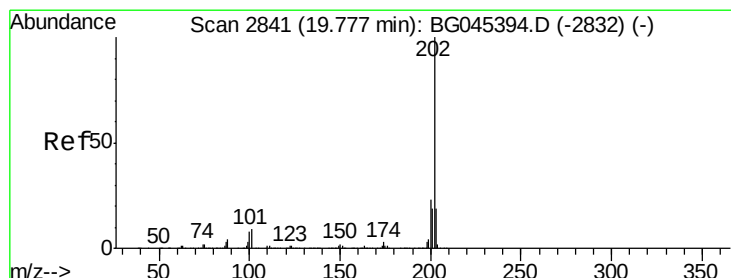
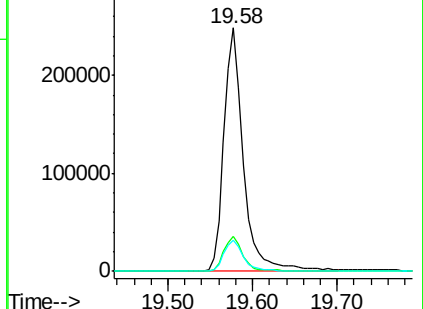
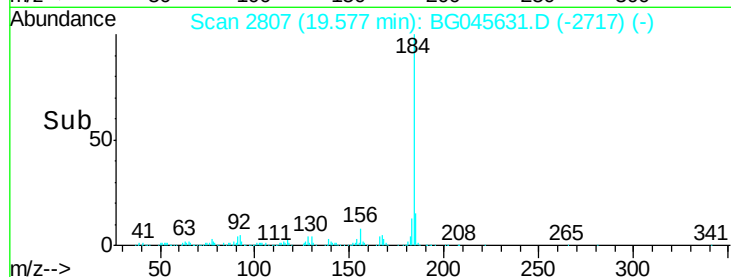
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	13.0	10.2	15.4



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: 40.474 ng

RT: 19.76 min Scan# 2838

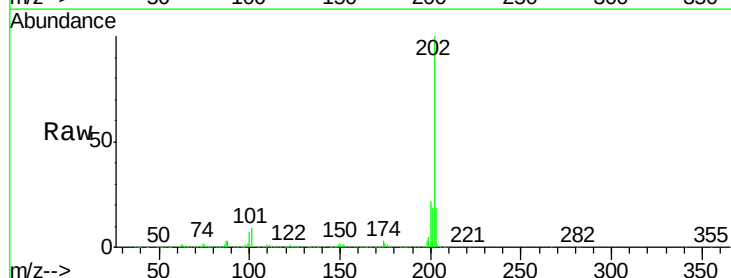
Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Tgt Ion:202 Resp: 868975

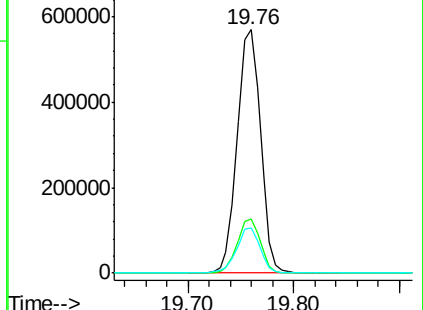
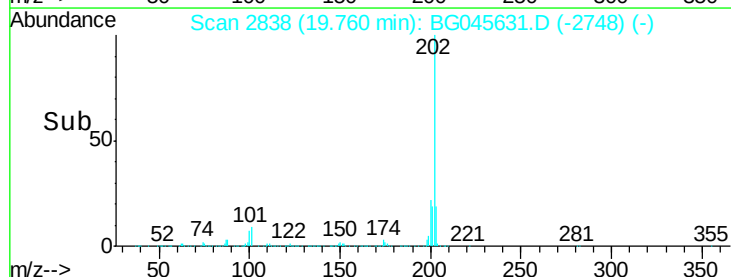
Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	18.5	15.1	22.7

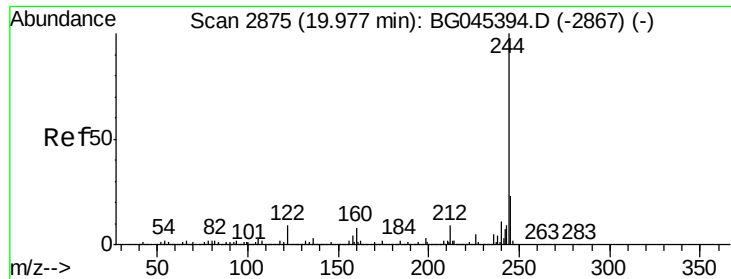


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.731 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

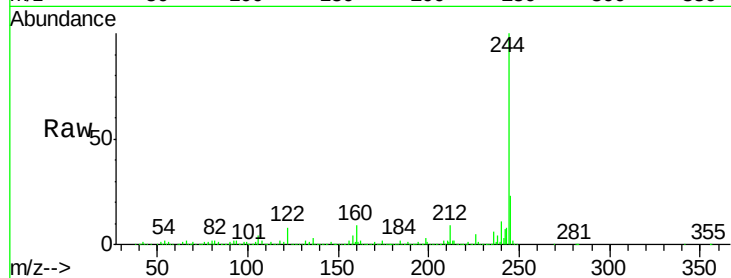
Tot Ion:244 Resp: 1368314

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

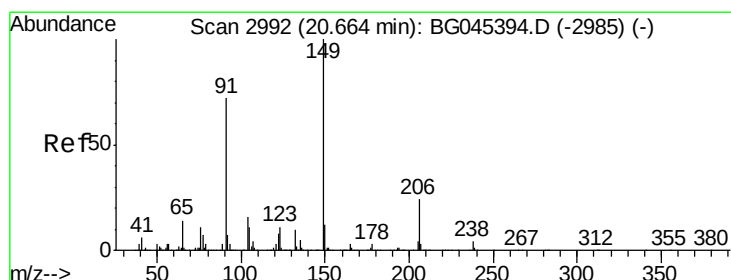
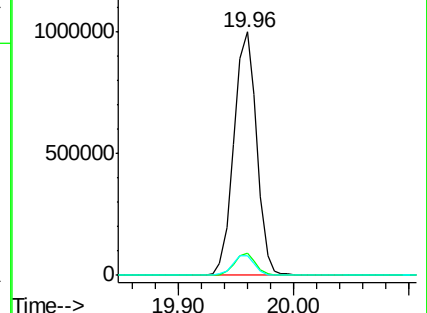
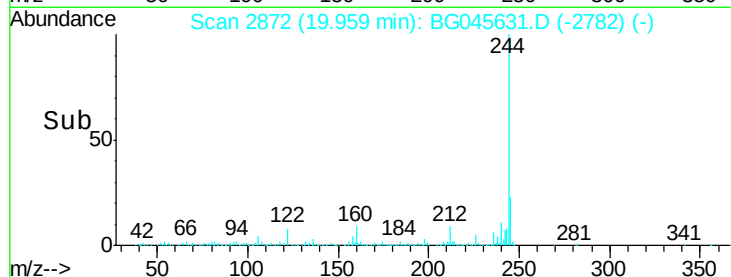
122 8.2 6.8 10.2



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: 38.640 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

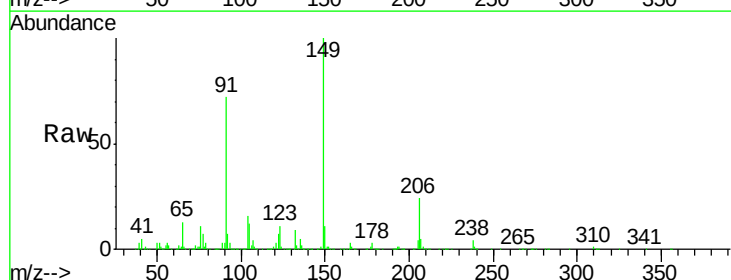
Tgt Ion:149 Resp: 358086

Ion Ratio Lower Upper

149 100

91 72.3 57.8 86.6

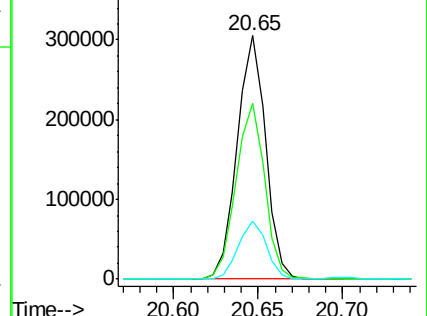
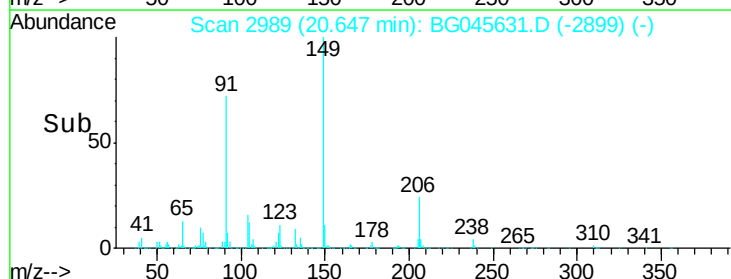
206 24.0 19.1 28.7

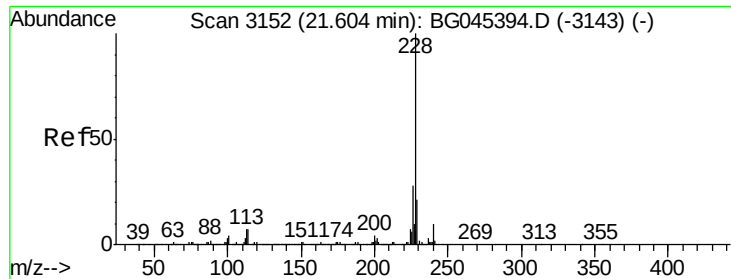


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.617 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

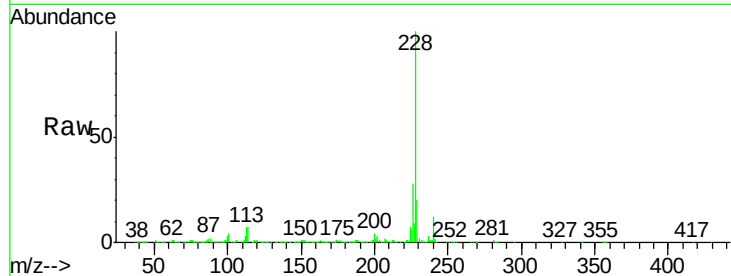
BNA_G

ClientSampleId :

PB129334BS

Tot Ion:228 Resp: 852208

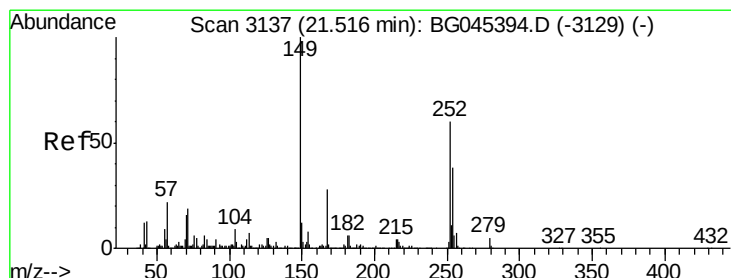
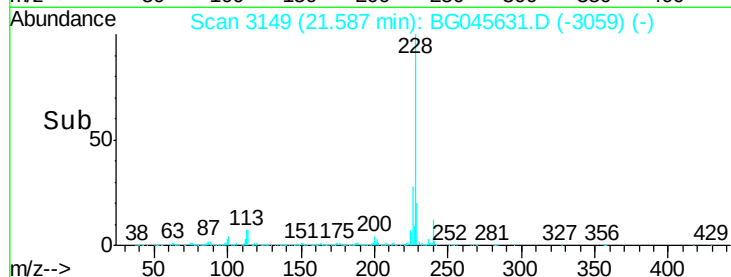
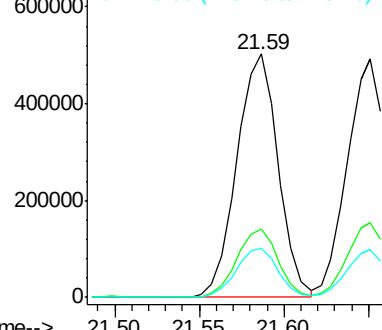
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.3	16.7	25.1



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: 27.819 ng

RT: 21.50 min Scan# 3134

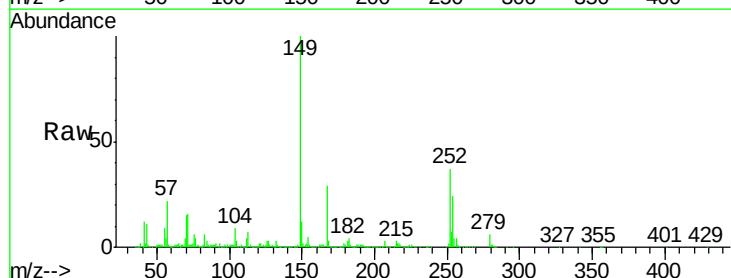
Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Tgt Ion:252 Resp: 228957

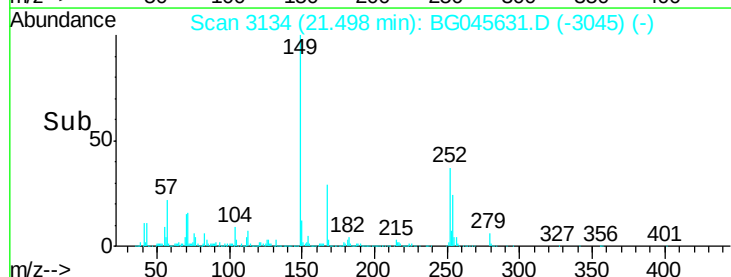
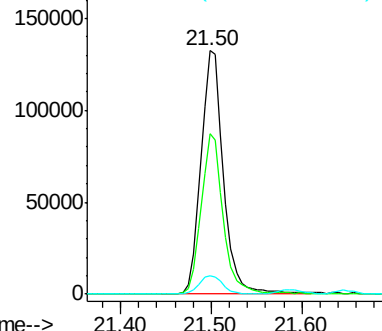
Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.3	76.9
126	7.5	6.6	10.0

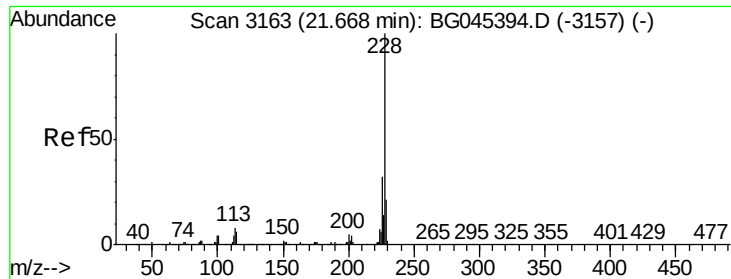


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.481 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

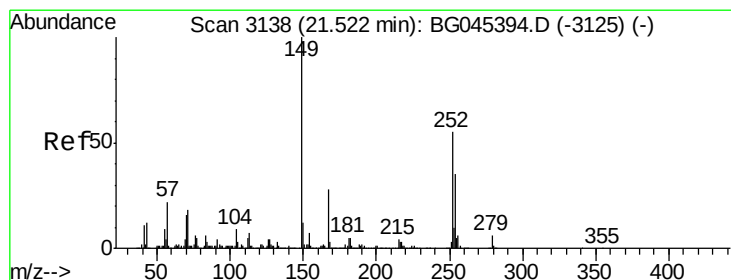
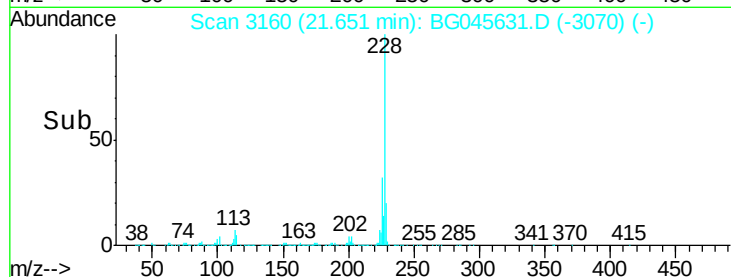
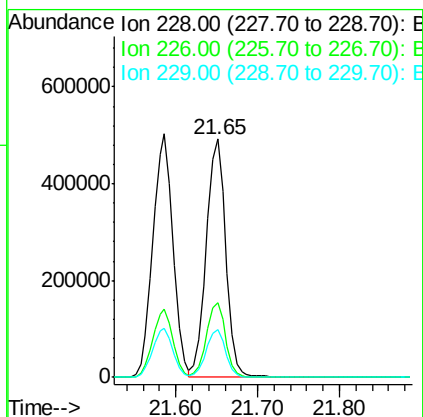
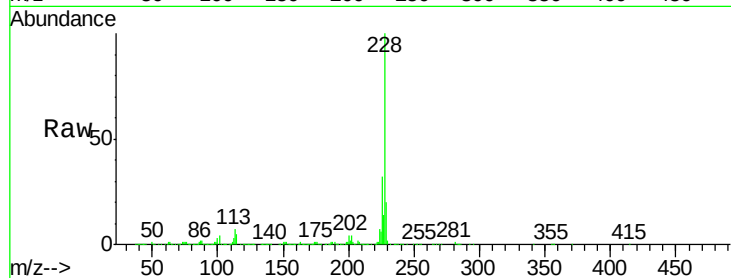
Tot Ion:228 Resp: 816684

Ion Ratio Lower Upper

228 100

226 31.5 25.2 37.8

229 20.0 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.024 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

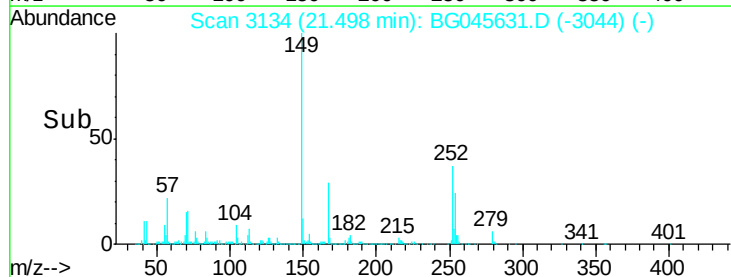
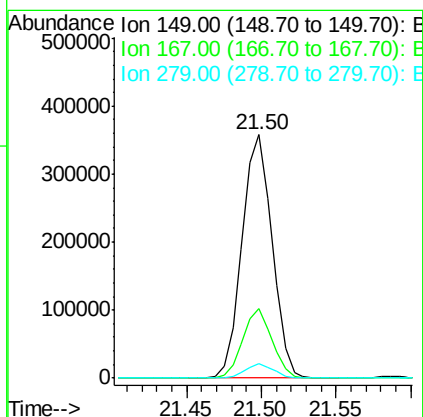
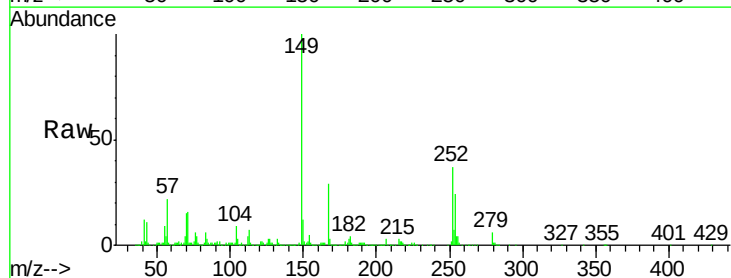
Tgt Ion:149 Resp: 497121

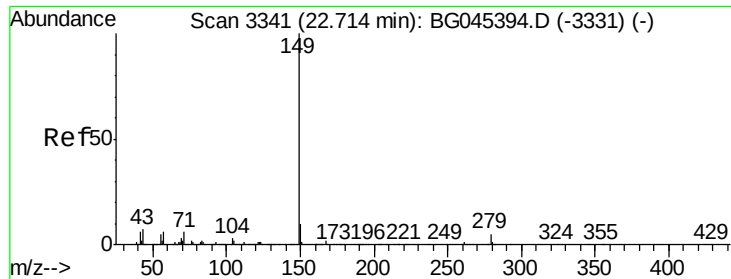
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

279 5.9 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 37.316 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

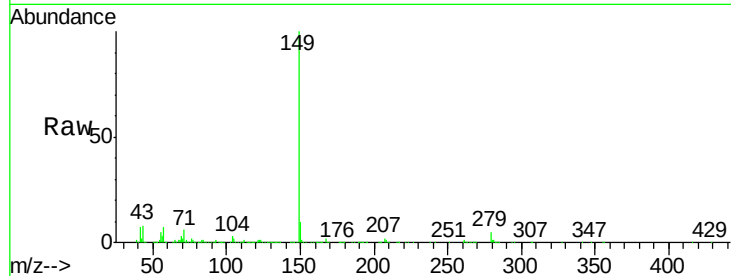
Tot Ion:149 Resp: 816464

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

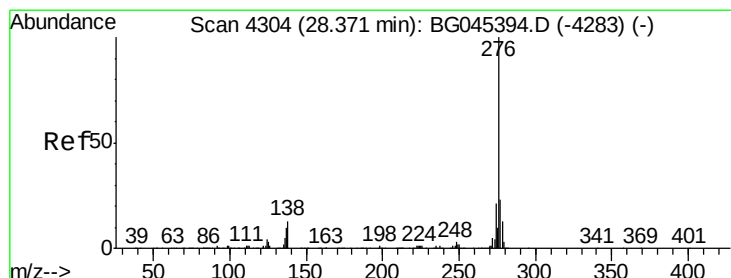
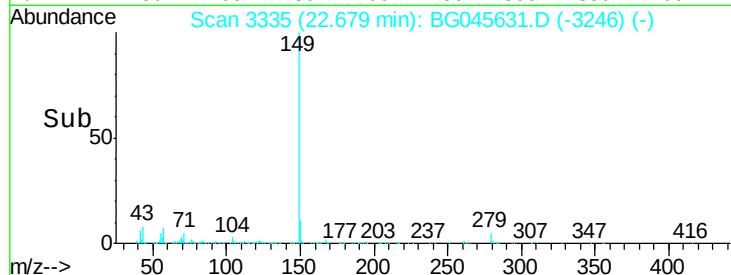
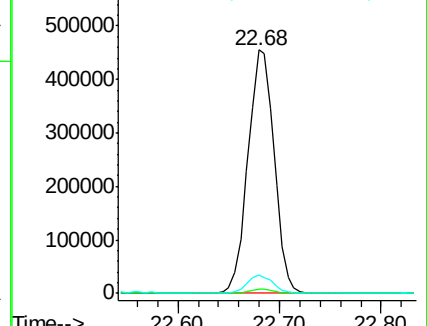
43 7.4 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.702 ng

RT: 28.31 min Scan# 4294

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

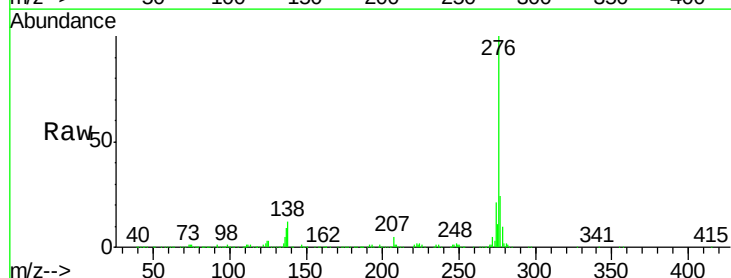
Tgt Ion:276 Resp: 1021022

Ion Ratio Lower Upper

276 100

138 7.2 8.6 12.8#

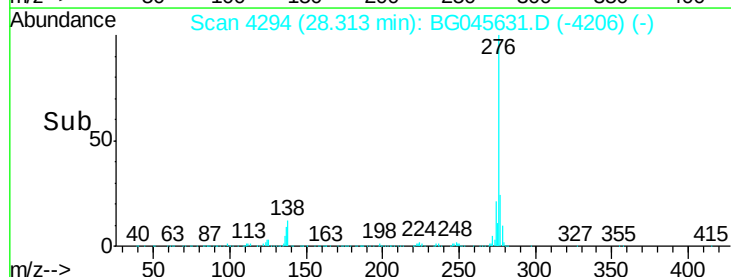
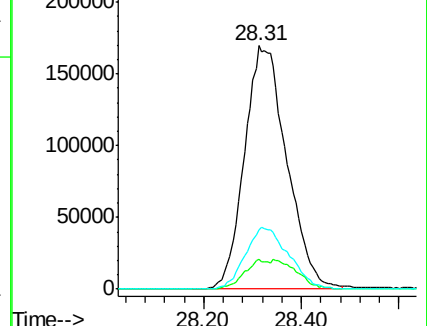
277 26.0 20.2 30.4

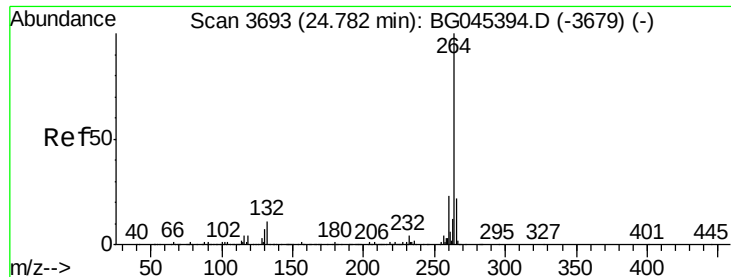


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

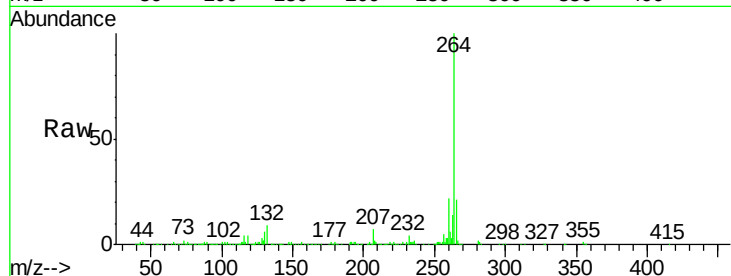
Tot Ion:264 Resp: 402882

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

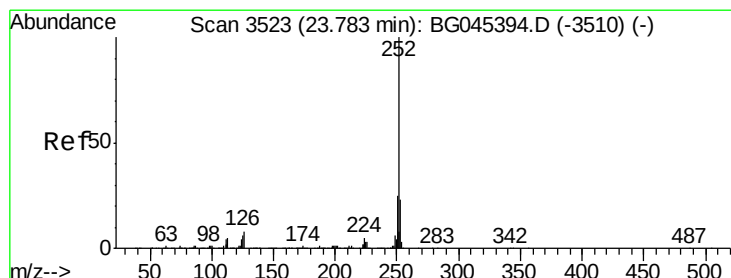
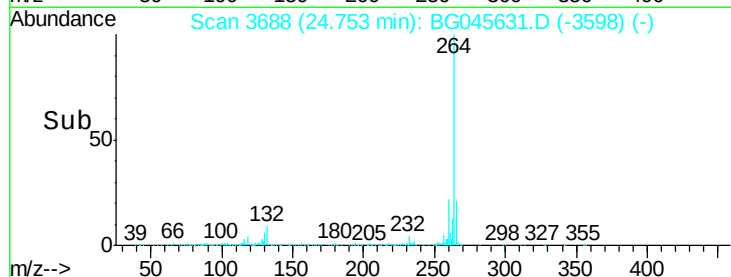
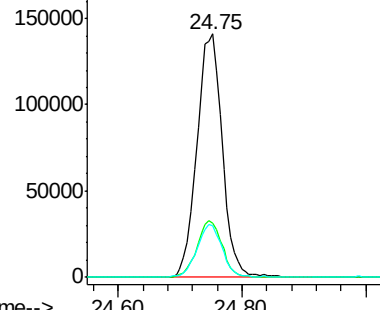
265 21.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.234 ng

RT: 23.75 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

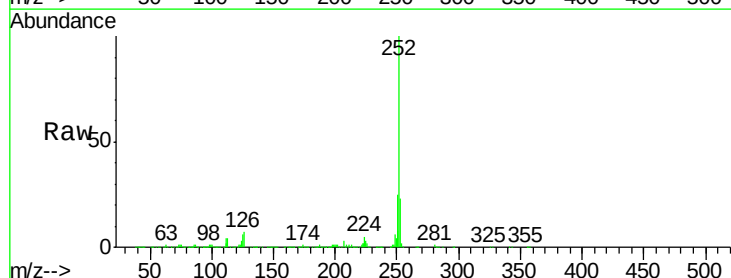
Tgt Ion:252 Resp: 890939

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

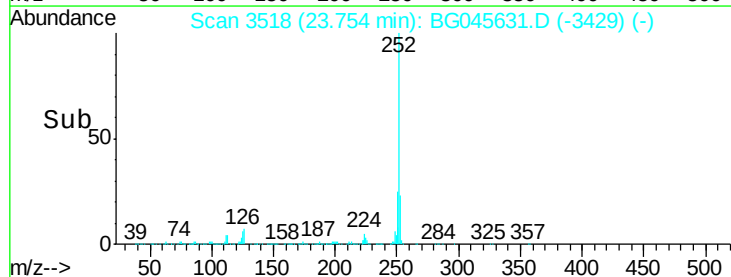
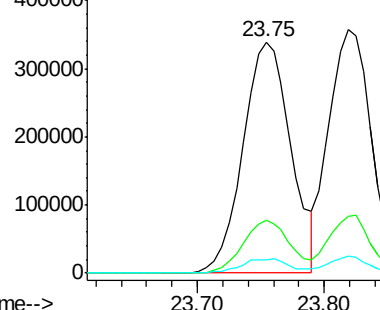
125 6.0 5.0 7.6

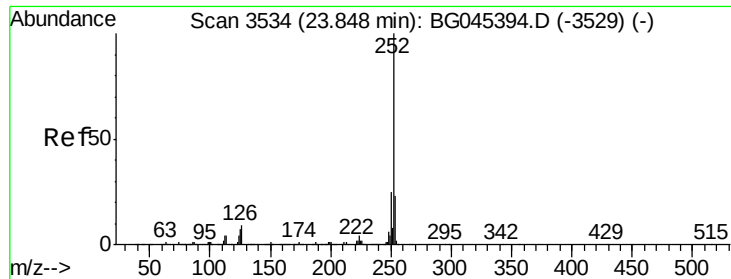


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.948 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

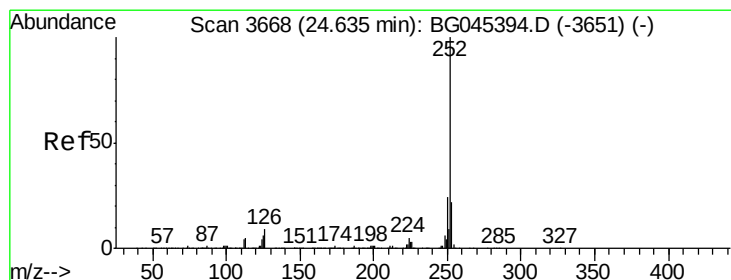
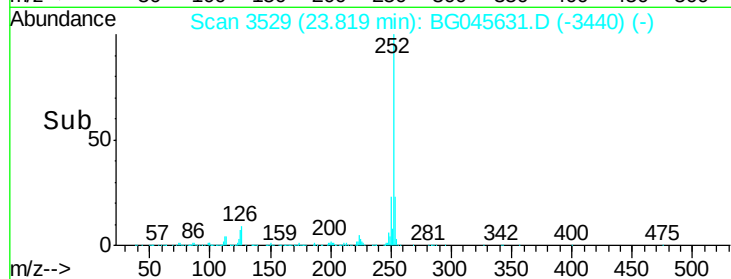
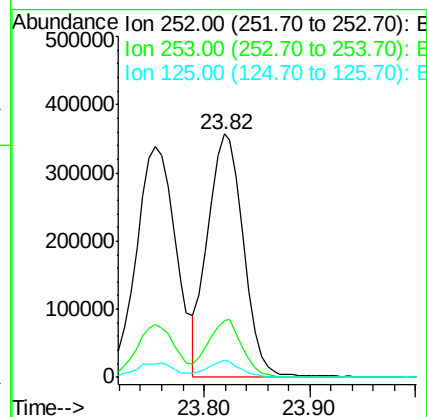
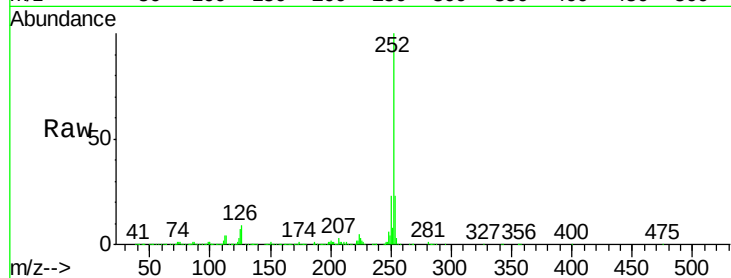
Tot Ion:252 Resp: 831214

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 6.8 5.7 8.5



#90

Benzo(a)pyrene

Concen: 40.020 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

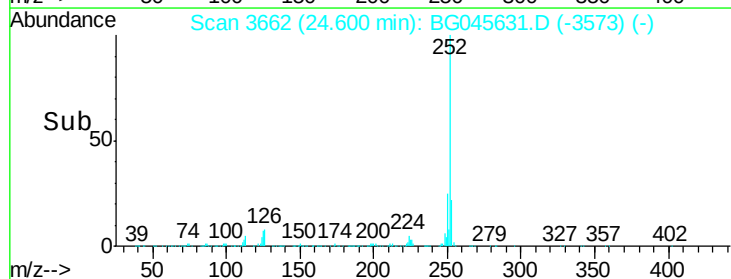
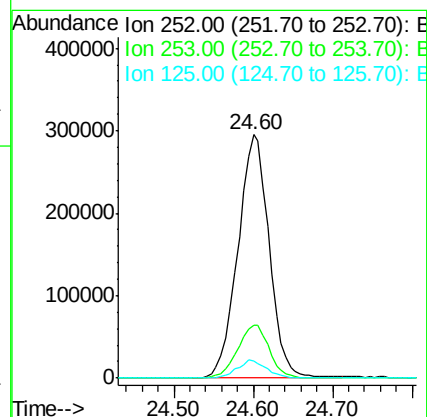
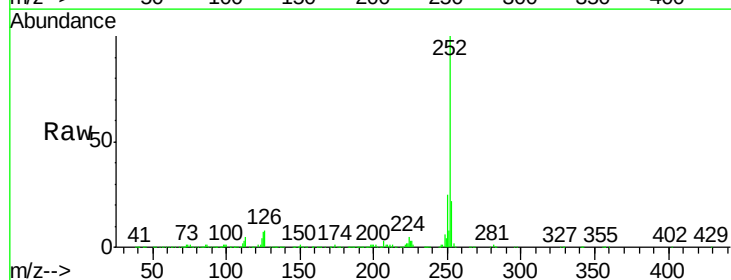
Tgt Ion:252 Resp: 805330

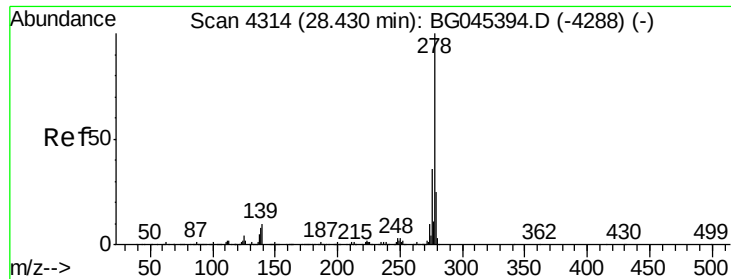
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 7.0 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 41.194 ng

RT: 28.38 min Scan# 4305

Delta R.T. -0.01 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

Instrument :

BNA_G

ClientSampleId :

PB129334BS

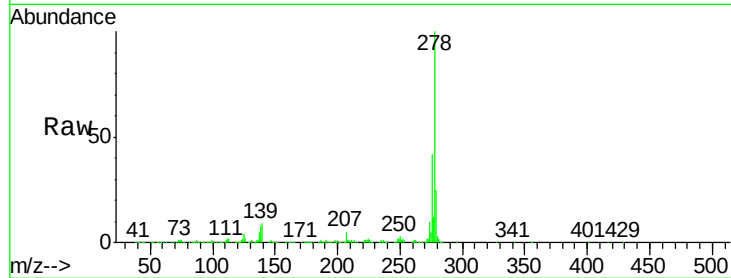
Tot Ion:278 Resp: 833020

Ion Ratio Lower Upper

278 100

139 9.1 7.8 11.8

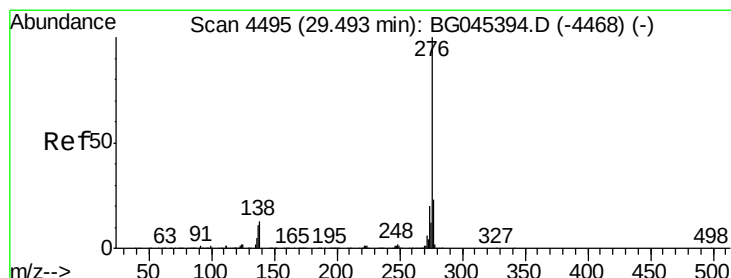
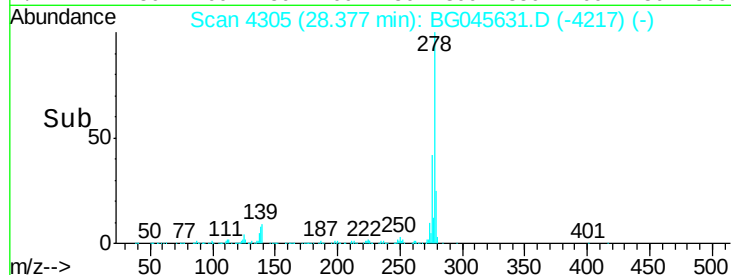
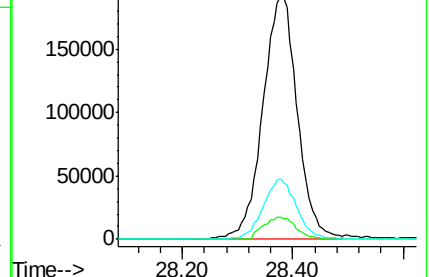
279 25.0 19.8 29.8



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: 42.146 ng

RT: 29.44 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG045631.D

Acq: 6 Jun 2020 2:18

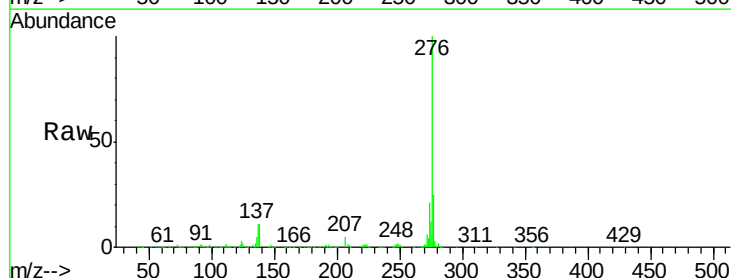
Tgt Ion:276 Resp: 852386

Ion Ratio Lower Upper

276 100

277 25.3 18.1 27.1

138 11.5 10.2 15.4



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

