

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045678.D
 Acq On : 10 Jun 2020 3:15
 Operator : CG/JU
 Sample : L2886-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GENMSD

Quant Time: Jun 10 06:10:43 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	67223	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	260504	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	178032	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	413895	20.00	ng	0.00
76) Chrysene-d12	21.60	240	393934	20.00	ng	0.00
87) Perylene-d12	24.74	264	429960	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	418311	121.61	ng	0.00
7) Phenol-d6	7.14	99	523227	106.87	ng	0.00
23) Nitrobenzene-d5	9.11	82	441406	92.40	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	316083	138.83	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	969639	92.38	ng	0.00
79) Terphenyl-d14	19.96	244	1629242	96.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	58843	34.497	ng	# 67
3) Pyridine	3.82	79	129604	27.282	ng	93
4) n-Nitrosodimethylamine	3.72	42	64686	41.611	ng	79
6) Aniline	7.27	93	182592	28.570	ng	99
8) 2-Chlorophenol	7.53	128	167505	44.406	ng	99
9) Benzaldehyde	7.08	77	81802	25.645	ng	98
10) Phenol	7.17	94	182026	36.075	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	160785	40.853	ng	97
12) 1,3-Dichlorobenzene	7.84	146	168629	37.200	ng	96
13) 1,4-Dichlorobenzene	7.98	146	169384	37.864	ng	96
14) 1,2-Dichlorobenzene	8.30	146	164429	38.216	ng	96
15) Benzyl Alcohol	8.20	79	179614	44.411	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	147379	39.449	ng	98
17) 2-Methylphenol	8.42	107	150762	39.919	ng	98
18) Hexachloroethane	9.03	117	65450	38.201	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	148306	43.806	ng	98
20) 3+4-Methylphenols	8.74	107	197817	38.464	ng	95
22) Acetophenone	8.77	105	266193	43.114	ng	99
24) Nitrobenzene	9.15	77	221979	43.371	ng	99
25) Isophorone	9.68	82	408497	43.420	ng	100
26) 2-Nitrophenol	9.87	139	97448	44.508	ng	94
27) 2,4-Dimethylphenol	9.94	122	157216	48.414	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	223324	45.263	ng	97
29) 2,4-Dichlorophenol	10.42	162	183026	47.729	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	192030	42.379	ng	97
31) Naphthalene	10.80	128	517708	42.647	ng	99
32) Benzoic acid	10.11	122	51066	28.316	ng	87
33) 4-Chloroaniline	10.92	127	64833	12.777	ng	98
34) Hexachlorobutadiene	11.09	225	132402	41.337	ng	98
35) Caprolactam	11.70	113	25186	17.894	ng	85
36) 4-Chloro-3-methylphenol	12.07	107	198084	45.841	ng	97
37) 2-Methylnaphthalene	12.41	142	393692	43.512	ng	96
38) 1-Methylnaphthalene	12.63	142	373656	43.718	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	227117	45.673	ng	98

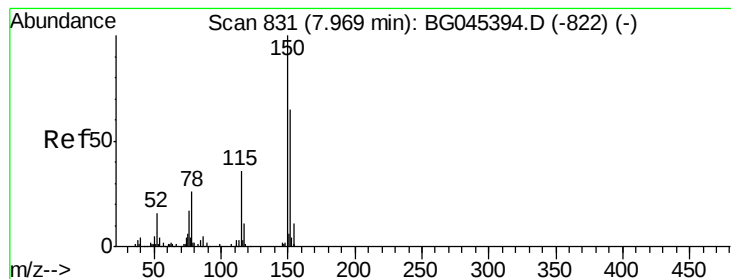
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045678.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	230566	80.332	nq	97
43) 2,4,6-Trichlorophenol	13.03	196	158380	45.849	nq	97
44) 2,4,5-Trichlorophenol	13.12	196	162057	41.054	nq	97
46) 1,1'-Biphenyl	13.42	154	506974	46.344	nq	99
47) 2-Chloronaphthalene	13.46	162	383482	43.170	nq	99
48) 2-Nitroaniline	13.67	65	131352	44.952	nq	97
49) Acenaphthylene	14.32	152	642248	45.012	nq	100
50) Dimethylphthalate	14.05	163	655990	53.713	nq	99
51) 2,6-Dinitrotoluene	14.17	165	121244	43.995	nq	96
52) Acenaphthene	14.66	154	370020	38.741	nq	100
53) 3-Nitroaniline	14.50	138	71230	25.426	nq	# 98
54) 2,4-Dinitrophenol	14.71	184	122170	68.516	nq	95
55) Dibenzofuran	14.99	168	623969	43.993	nq	97
56) 4-Nitrophenol	14.85	139	134155	63.252	nq	87
57) 2,4-Dinitrotoluene	14.96	165	170154	42.632	nq	97
58) Fluorene	15.64	166	515948	44.278	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	157215	45.270	nq	98
60) Diethylphthalate	15.41	149	545230	42.892	nq	98
61) 4-Chlorophenyl-phenylether	15.63	204	288010	43.193	nq	99
62) 4-Nitroaniline	15.67	138	116055	39.683	nq	95
63) Azobenzene	15.93	77	531697	44.858	nq	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	105816	43.898	nq	97
66) n-Nitrosodiphenylamine	15.85	169	457845	46.072	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	198700	44.335	nq	97
68) Hexachlorobenzene	16.65	284	212033	45.233	nq	94
69) Atrazine	16.81	200	175134	42.787	nq	98
70) Pentachlorophenol	17.00	266	212463	87.290	nq	96
71) Phenanthrene	17.38	178	825714	45.698	nq	99
72) Anthracene	17.48	178	851262	46.914	nq	99
73) Carbazole	17.75	167	779062	44.046	nq	99
74) Di-n-butylphthalate	18.31	149	931760	43.890	nq	99
75) Fluoranthene	19.39	202	1025269	44.611	nq	99
77) Benzidine	19.57	184	337987	30.549	nq	99
78) Pyrene	19.76	202	1024922	45.642	nq	100
80) Butylbenzylphthalate	20.64	149	417885	43.113	nq	98
81) Benzo(a)anthracene	21.58	228	994984	45.340	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	191753	22.276	nq	97
83) Chrysene	21.65	228	951018	45.070	nq	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	578449	43.415	nq	98
85) Di-n-octyl phthalate	22.68	149	992562	43.374	nq	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1222206	44.294	nq	99
88) Benzo(b)fluoranthene	23.75	252	1062000	46.055	nq	97
89) Benzo(k)fluoranthene	23.82	252	1008941	46.573	nq	99
90) Benzo(a)pyrene	24.60	252	961260	44.760	nq	99
91) Dibenzo(a,h)anthracene	28.37	278	993258	46.025	nq	98
92) Benzo(g,h,i)perylene	29.43	276	1002399	46.442	nq	98

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

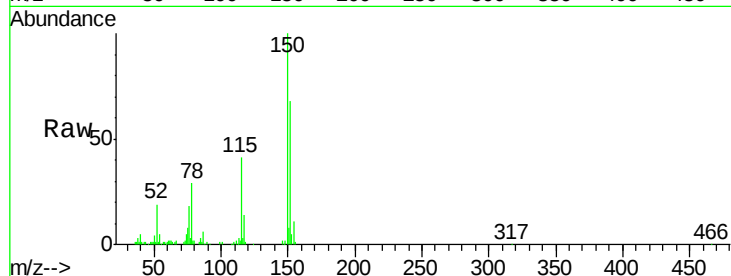


#1

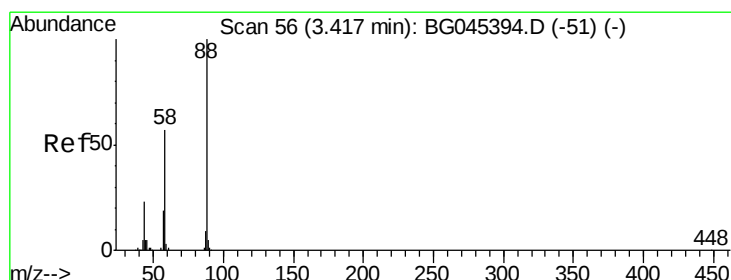
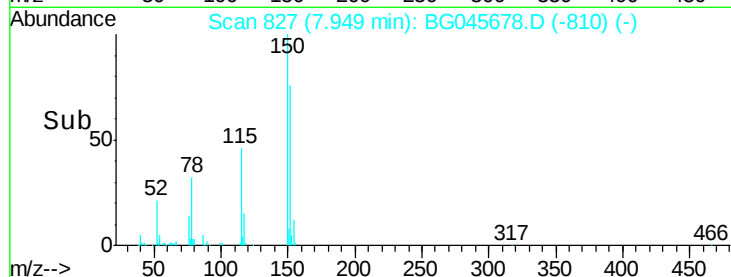
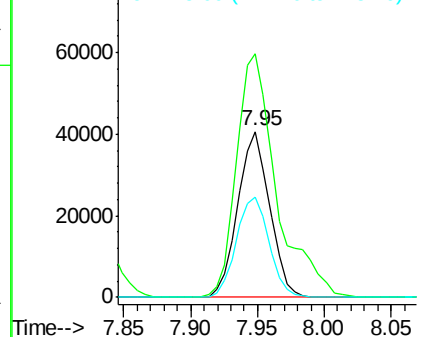
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Instrument :
BNA_G
ClientSampleId :
GENMSD

Tot Ion:152 Resp: 67223
Ion Ratio Lower Upper
152 100
150 147.0 122.4 183.6
115 60.7 44.2 66.4



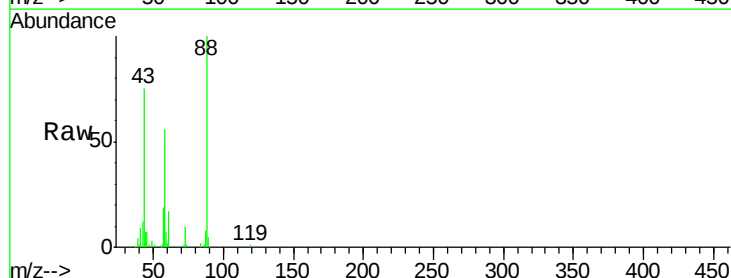
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



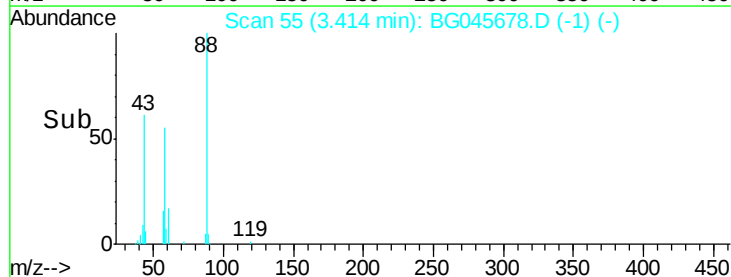
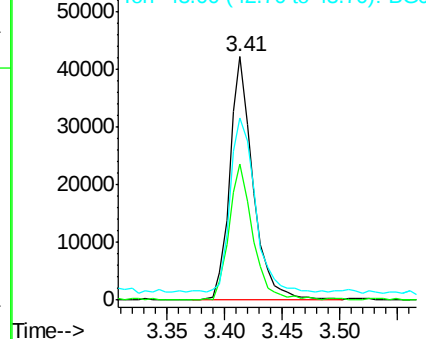
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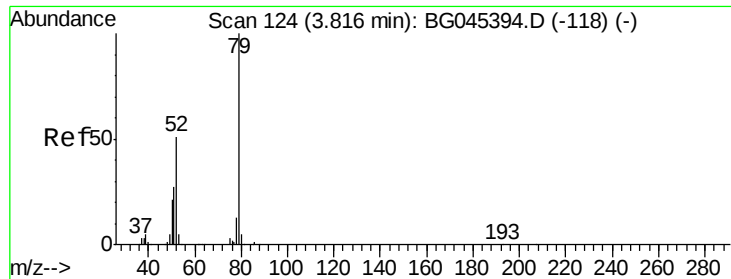
1,4-Dioxane
Concen: 34.497 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion: 88 Resp: 58843
Ion Ratio Lower Upper
88 100
58 57.2 45.7 68.5
43 77.9 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: 27.282 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.02 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

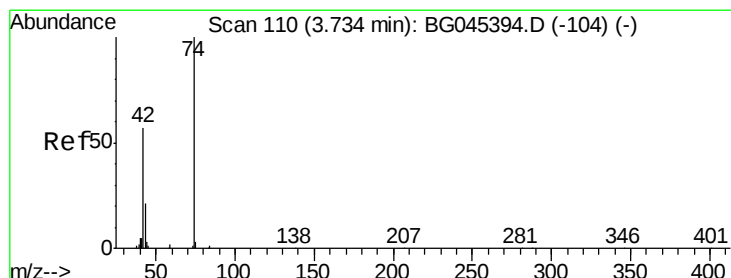
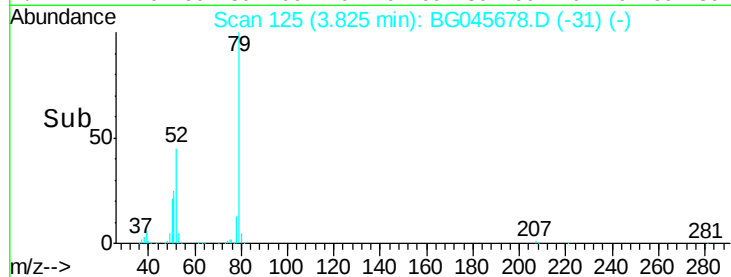
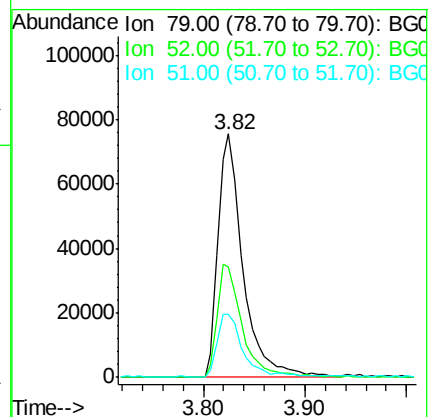
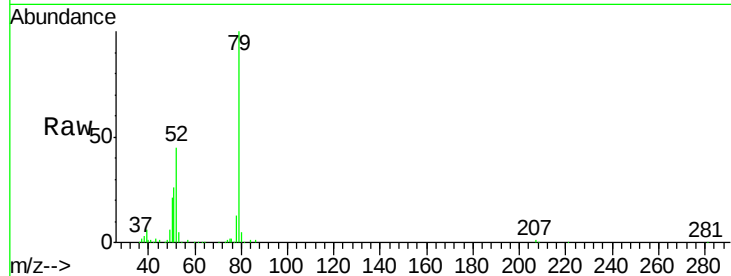
Tot Ion: 79 Resp: 129604

Ion Ratio Lower Upper

79 100

52 45.3 40.8 61.2

51 25.7 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 41.611 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

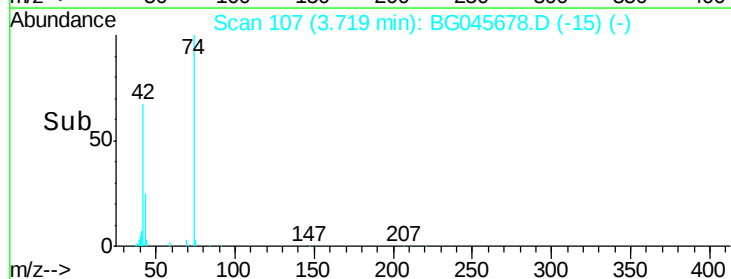
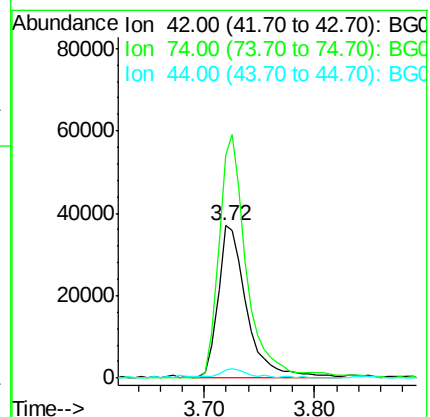
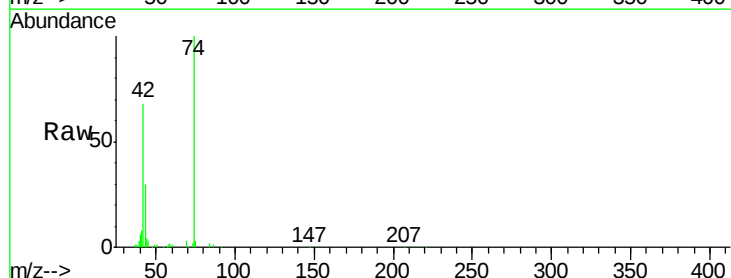
Tgt Ion: 42 Resp: 64686

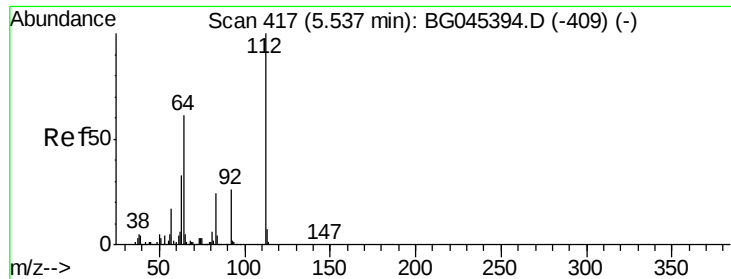
Ion Ratio Lower Upper

42 100

74 146.3 141.3 211.9

44 5.4 4.2 6.4





#5

2-Fluorophenol

Concen: 121.611 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

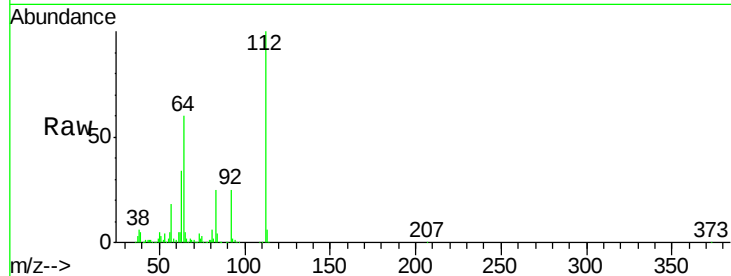
Tot Ion:112 Resp: 418311

Ion Ratio Lower Upper

112 100

64 59.7 48.6 72.8

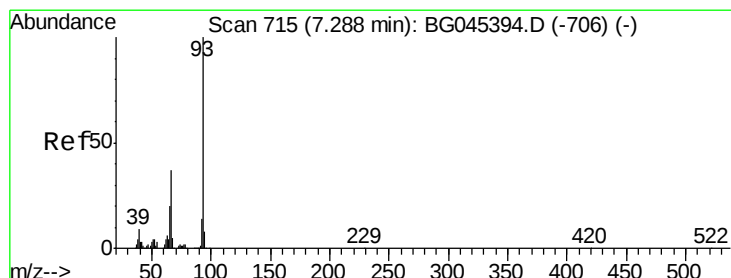
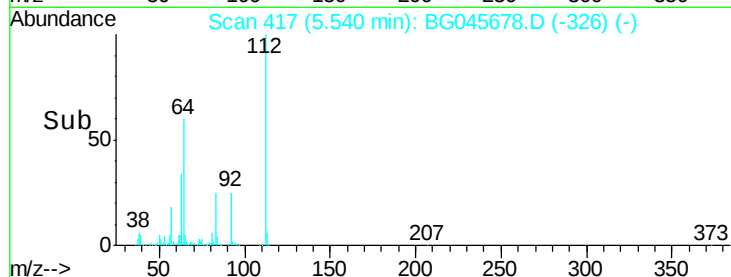
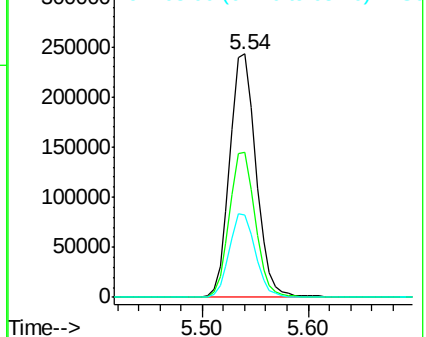
63 33.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.570 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

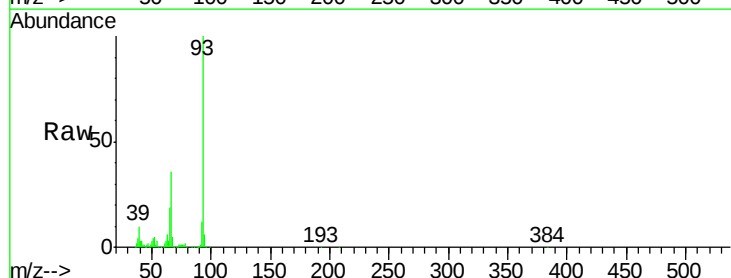
Tgt Ion: 93 Resp: 182592

Ion Ratio Lower Upper

93 100

66 36.0 29.6 44.4

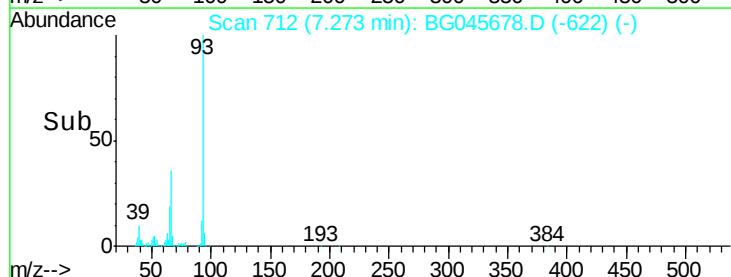
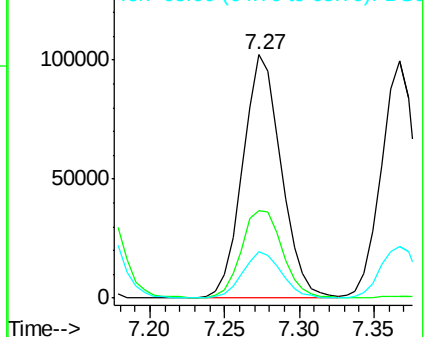
65 19.4 15.9 23.9

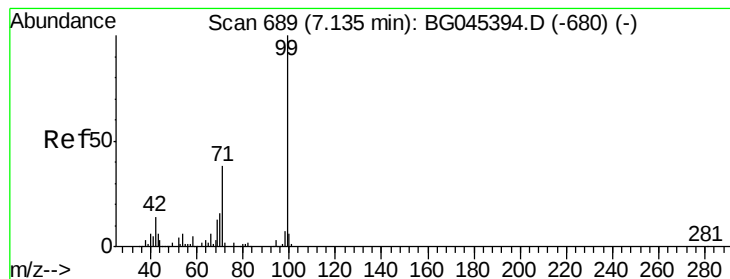


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.873 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

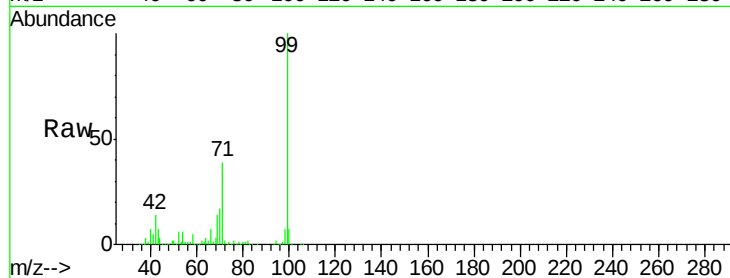
Tot Ion: 99 Resp: 523227

Ion Ratio Lower Upper

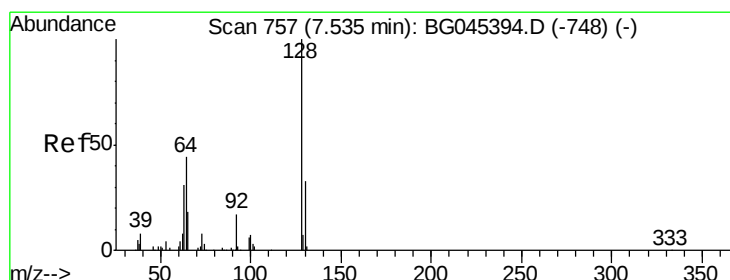
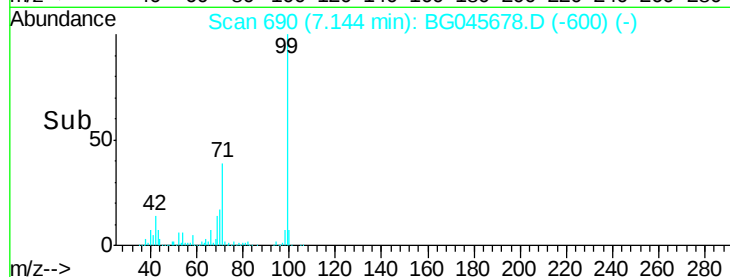
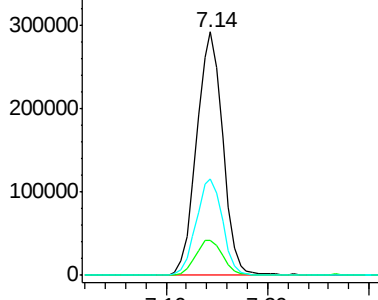
99 100

42 14.5 11.3 16.9

71 39.4 30.8 46.2



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



#8

2-Chlorophenol

Concen: 44.406 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

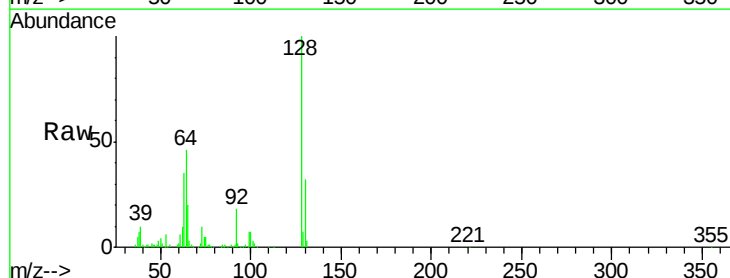
Tgt Ion: 128 Resp: 167505

Ion Ratio Lower Upper

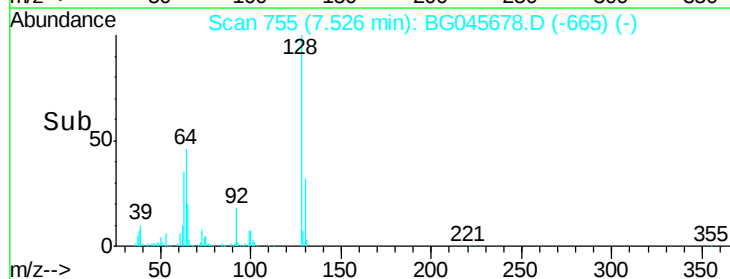
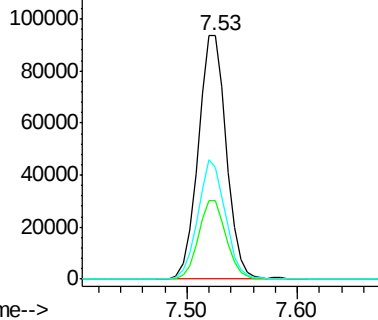
128 100

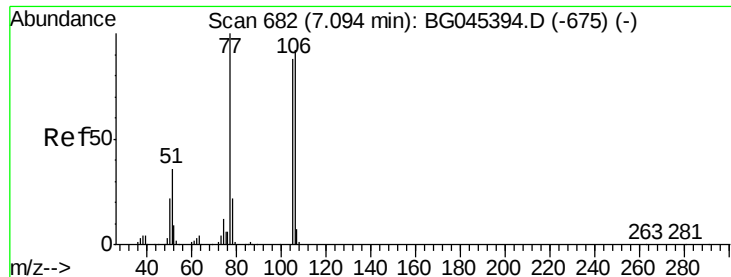
130 32.1 12.6 52.6

64 45.9 27.0 67.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.645 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

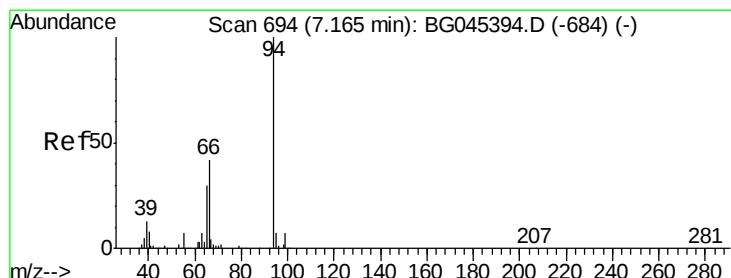
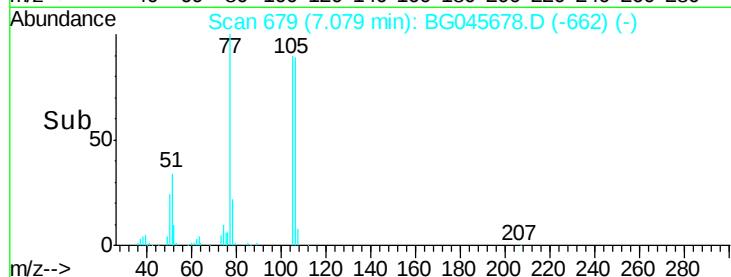
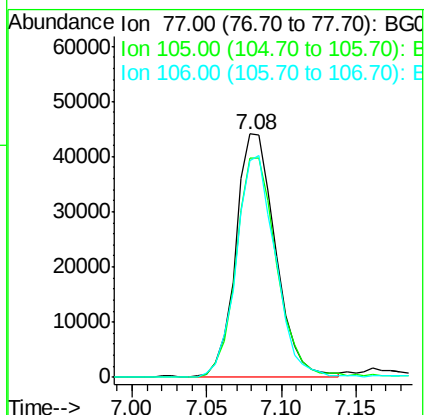
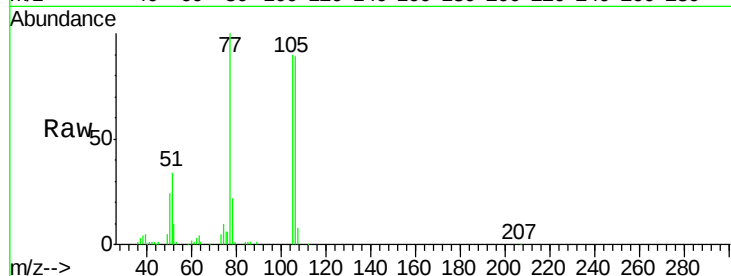
Tot Ion: 77 Resp: 81802

Ion Ratio Lower Upper

77 100

105 90.0 68.5 108.5

106 88.8 71.6 111.6



#10

Phenol

Concen: 36.075 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

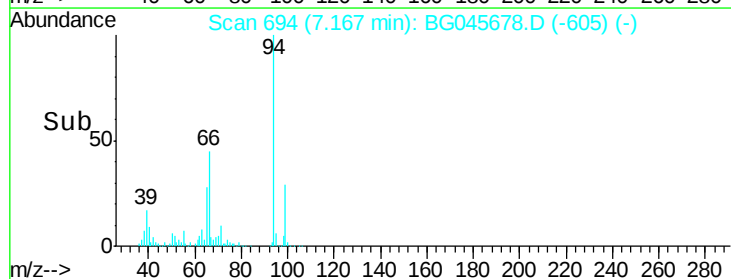
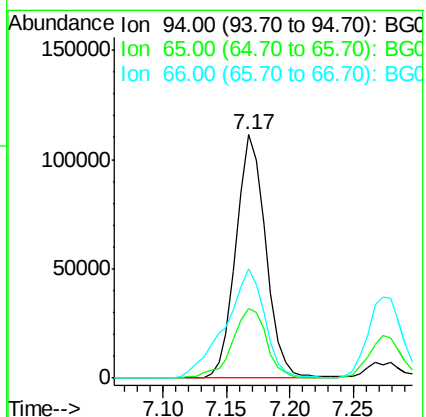
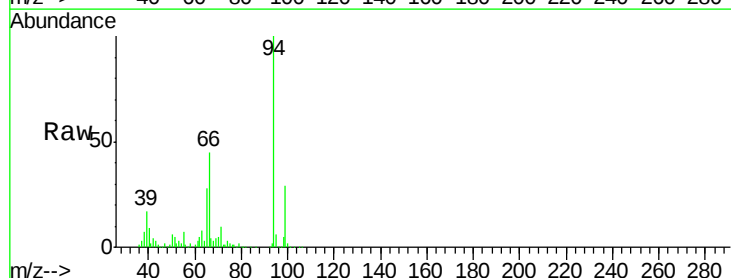
Tgt Ion: 94 Resp: 182026

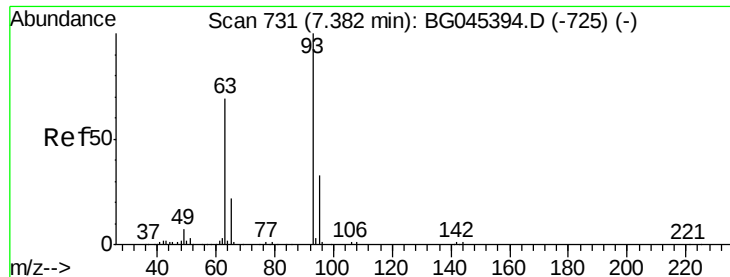
Ion Ratio Lower Upper

94 100

65 28.3 9.8 49.8

66 44.8 22.0 62.0

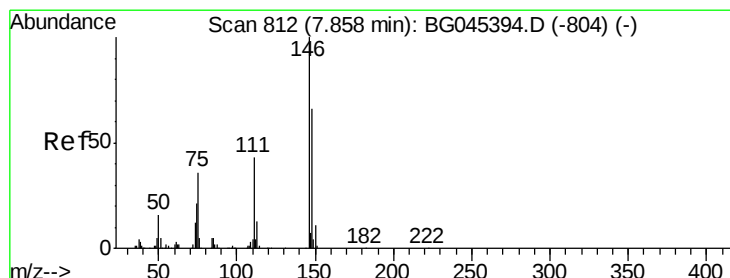
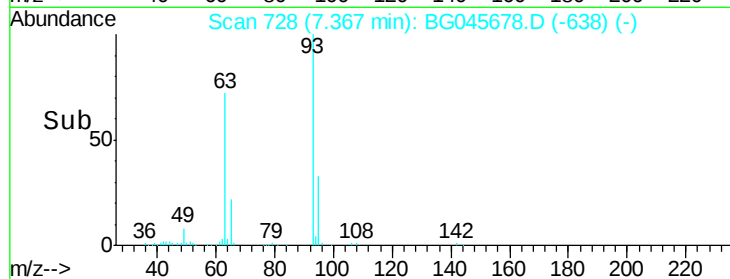
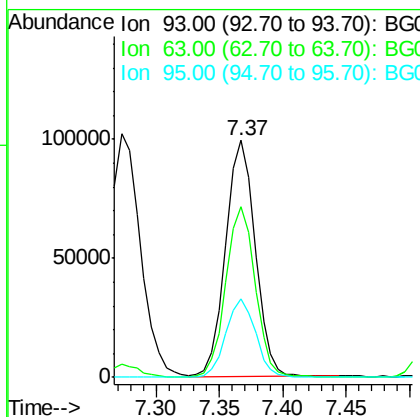
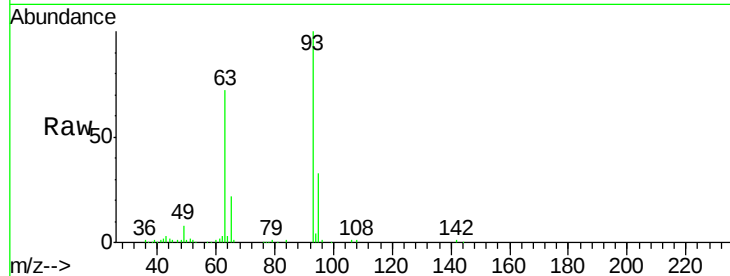




#11
 bis(2-Chloroethyl)ether
 Concen: 40.853 ng
 RT: 7.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

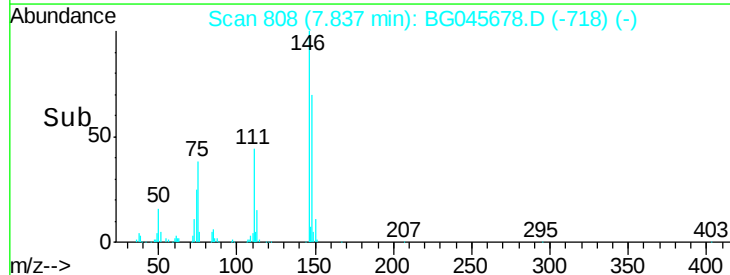
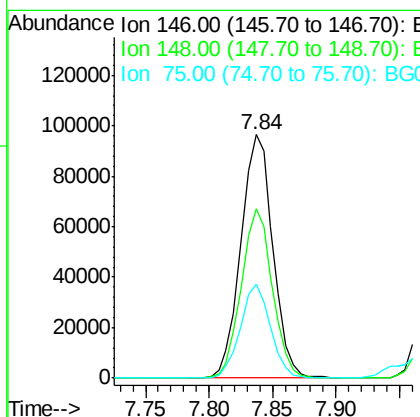
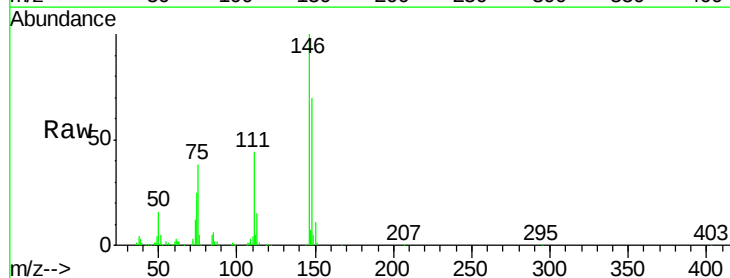
Instrument :
 BNA_G
 ClientSampleId :
 GENMSD

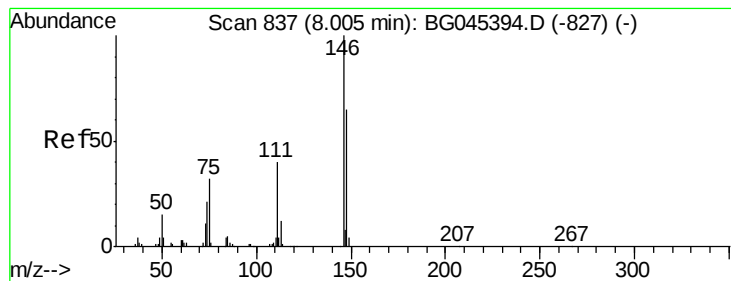
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	48.4	88.4
95	33.0	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 37.200 ng
 RT: 7.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.6	53.2	79.8
75	38.4	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 37.864 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

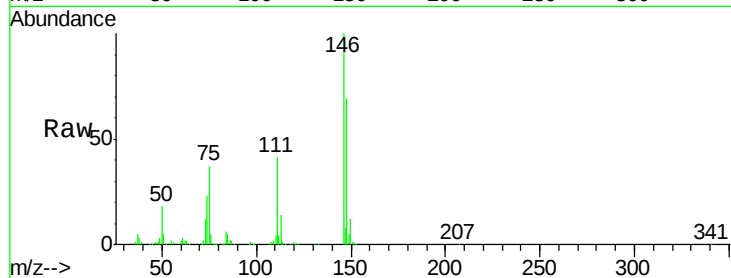
Tot Ion:146 Resp: 169384

Ion Ratio Lower Upper

146 100

148 68.8 51.8 77.8

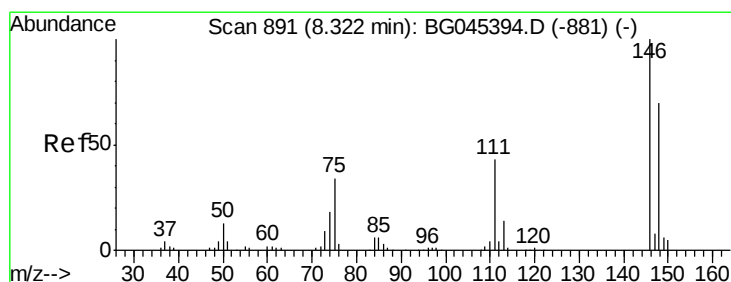
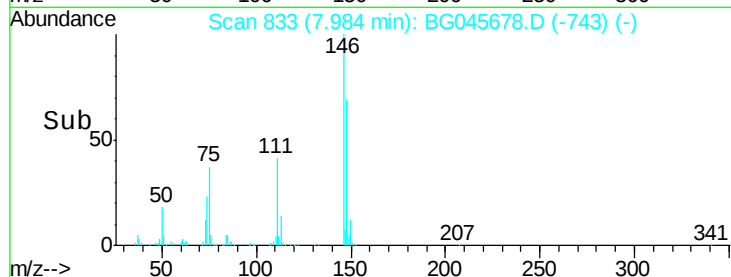
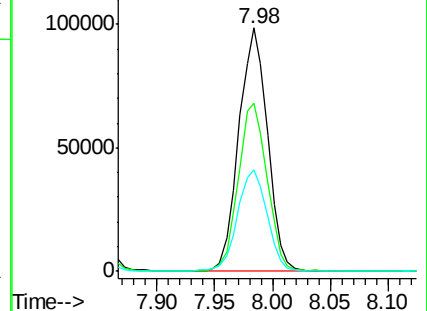
111 41.5 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.216 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

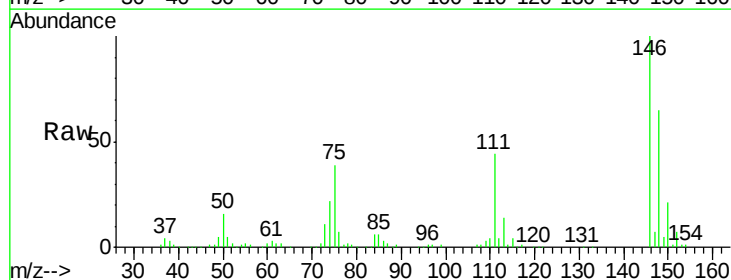
Tgt Ion:146 Resp: 164429

Ion Ratio Lower Upper

146 100

148 64.6 55.9 83.9

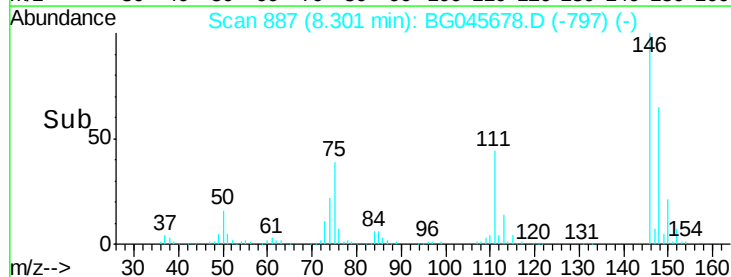
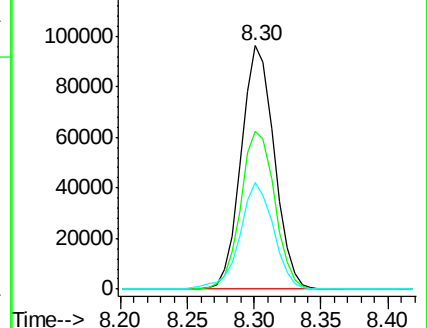
111 44.0 35.0 52.4

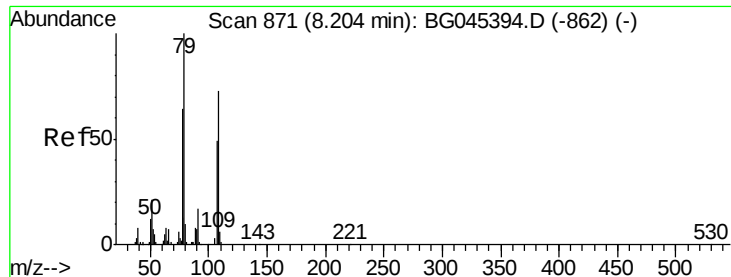


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.411 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

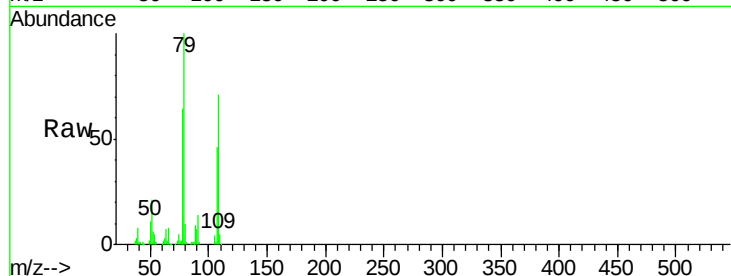
Tot Ion: 79 Resp: 179614

Ion Ratio Lower Upper

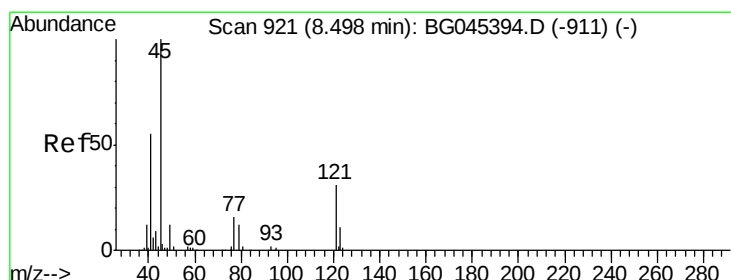
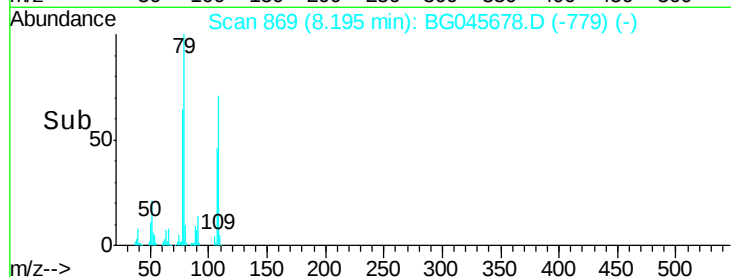
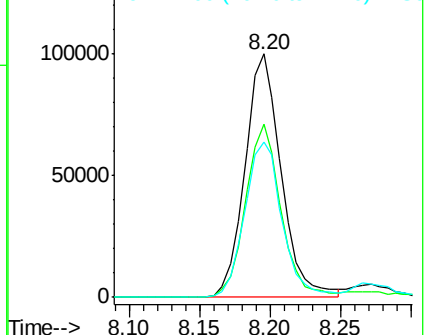
79 100

108 71.3 58.2 87.4

77 63.6 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: 39.449 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

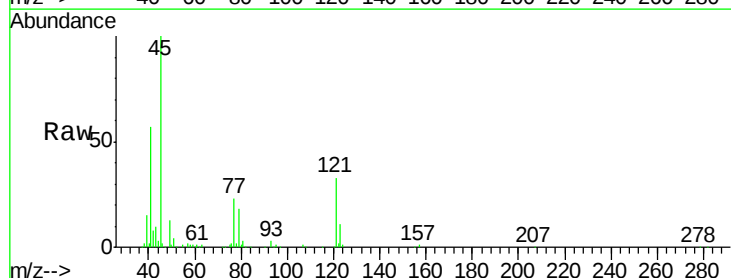
Tgt Ion: 45 Resp: 147379

Ion Ratio Lower Upper

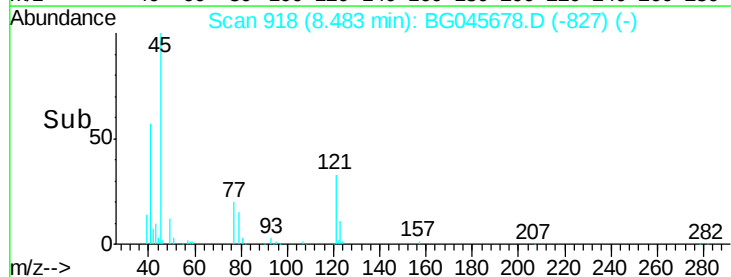
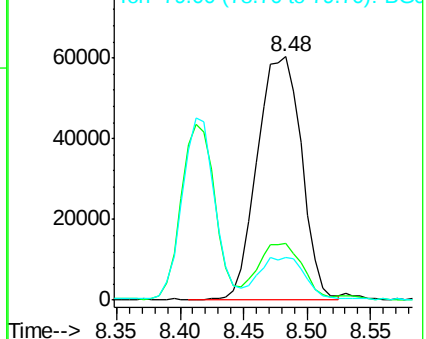
45 100

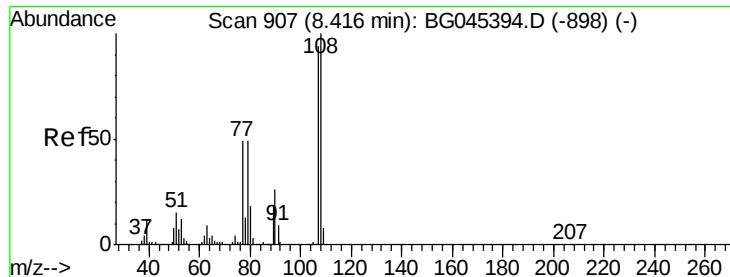
77 23.4 4.0 44.0

79 17.5 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: 39.919 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampled :

GENMSD

Tot Ion:107 Resp: 150762

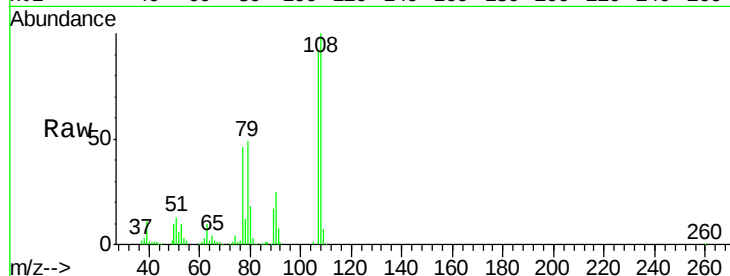
Ion Ratio Lower Upper

107 100

108 108.2 85.2 127.8

77 50.3 41.6 62.4

79 53.1 41.8 62.8

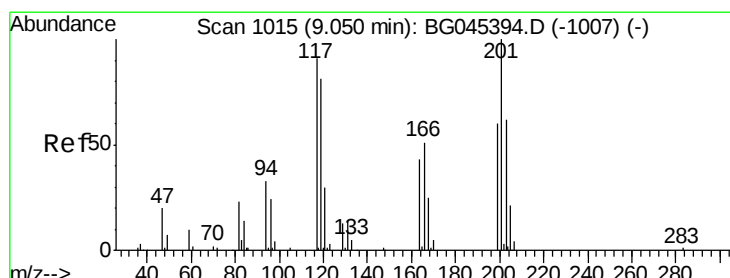
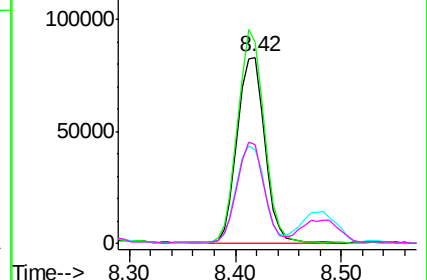
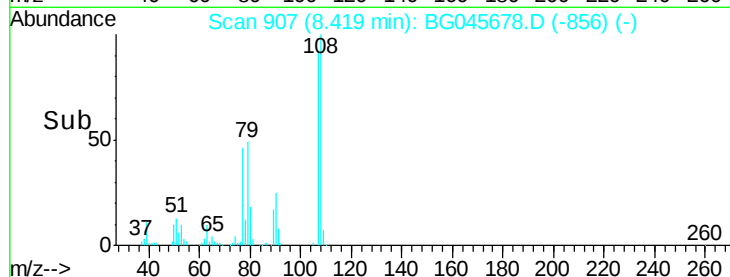


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.201 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

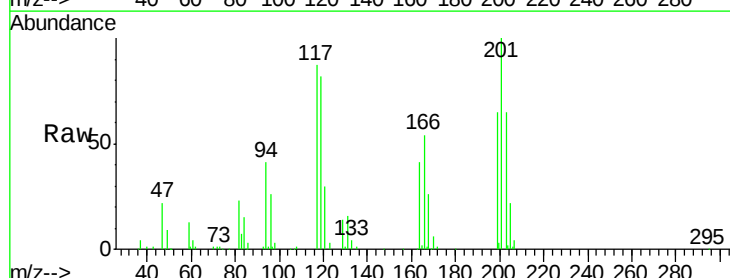
Tgt Ion:117 Resp: 65450

Ion Ratio Lower Upper

117 100

119 94.6 71.3 106.9

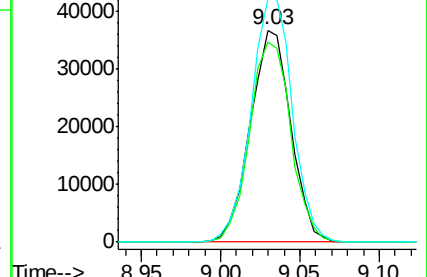
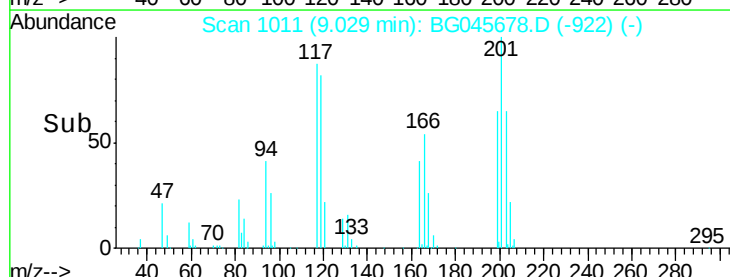
201 115.1 87.5 131.3

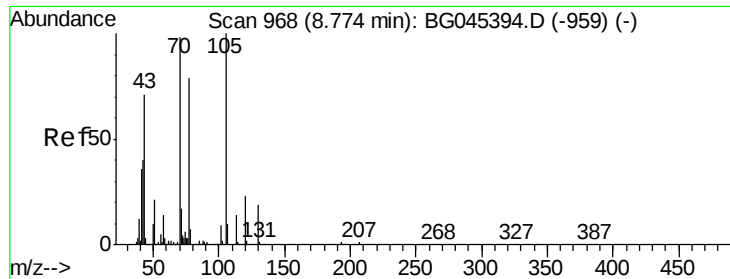


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

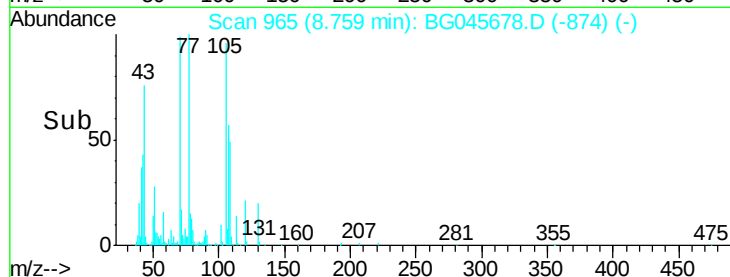
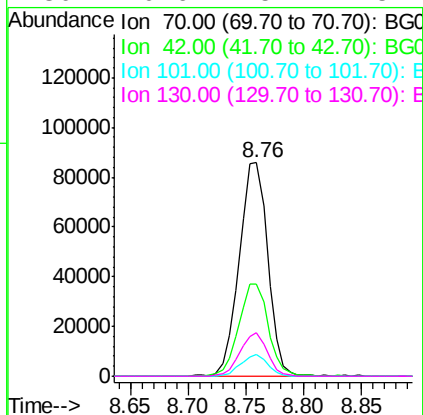
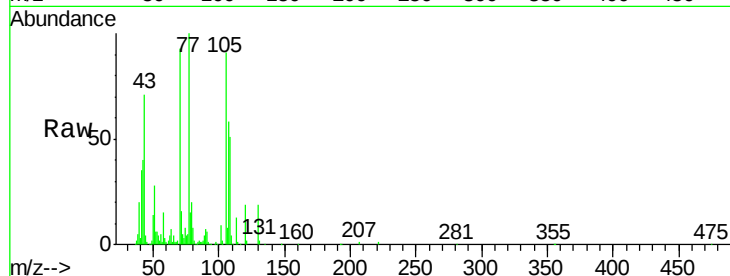




#19
n-Nitroso-di-n-propylamine
Concen: 43.806 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

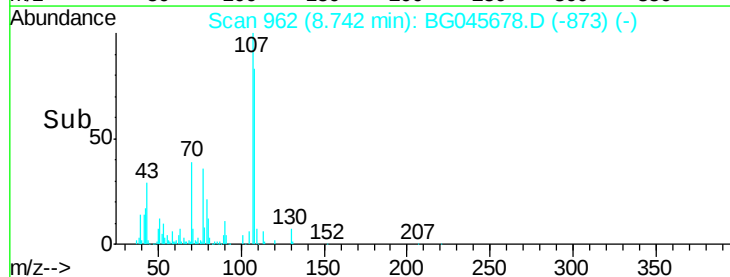
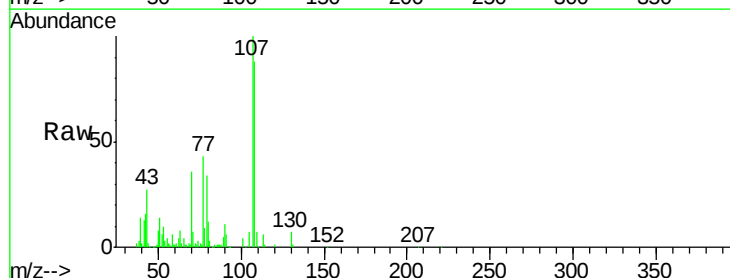
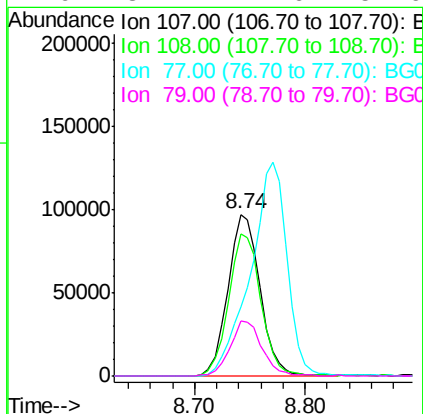
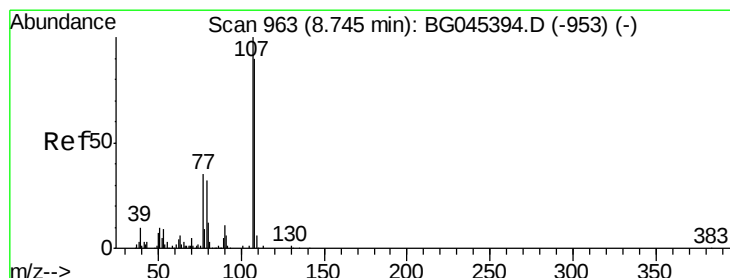
Instrument :
BNA_G
ClientSampleId :
GENMSD

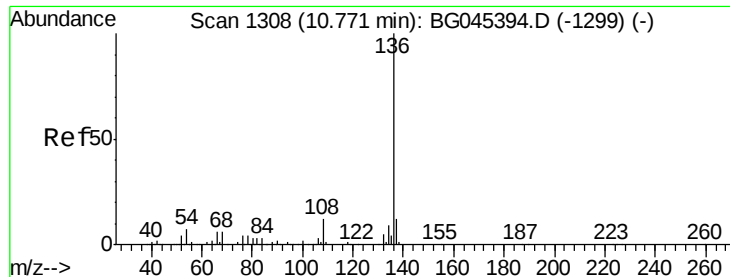
Tot Ion:	70	Resp:	148306
Ion	Ratio	Lower	Upper
70	100		
42	42.9	33.2	49.8
101	9.9	7.8	11.6
130	20.6	15.4	23.2



#20
3+4-Methylphenols
Concen: 38.464 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:	107	Resp:	197817
Ion	Ratio	Lower	Upper
107	100		
108	88.1	70.3	110.3
77	42.9	15.4	55.4
79	34.4	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

Tot Ion:136 Resp: 260504

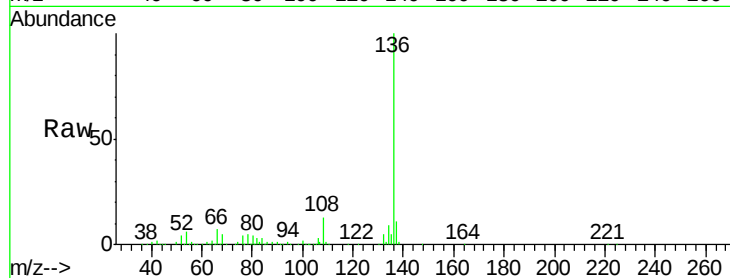
Ion Ratio Lower Upper

136 100

137 10.6 9.4 14.2

54 6.2 5.8 8.6

68 4.7 4.5 6.7

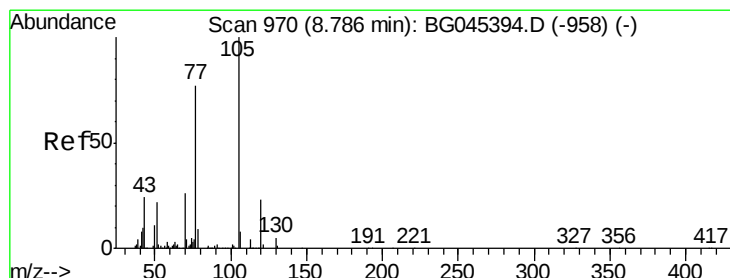
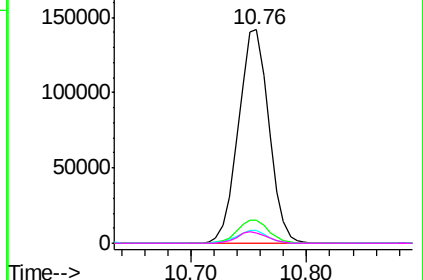
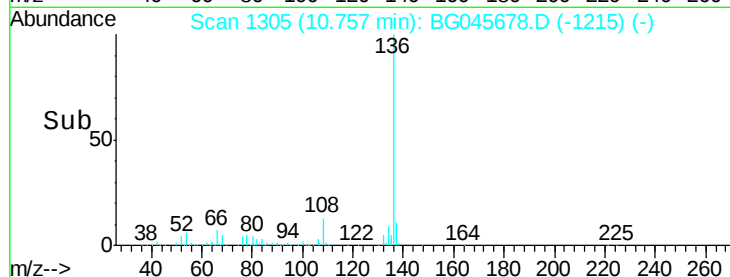


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.114 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Tgt Ion:105 Resp: 266193

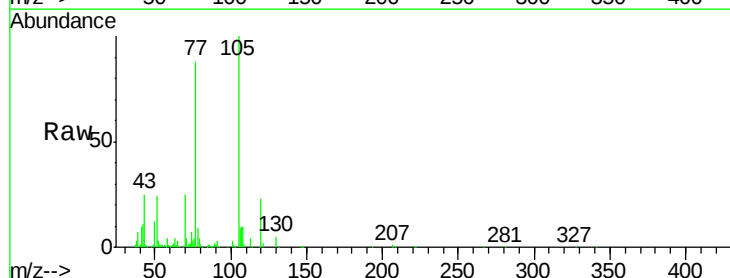
Ion Ratio Lower Upper

105 100

71 4.3 3.4 5.0

51 23.9 18.2 27.2

120 23.3 18.6 27.8

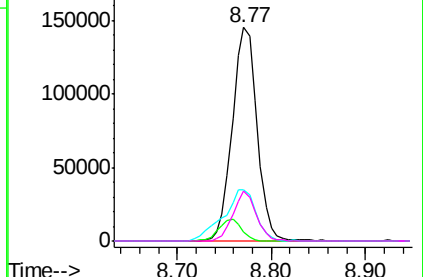
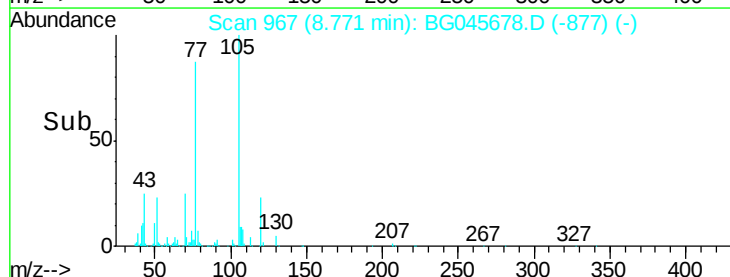


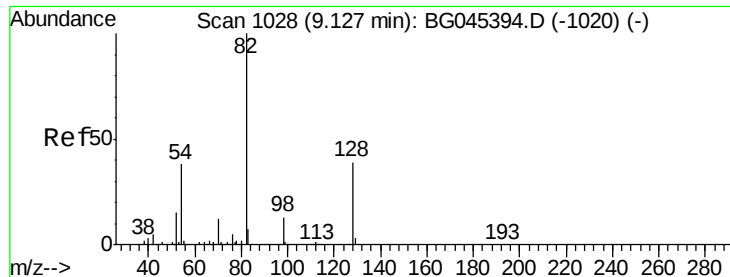
Abundance Ion 105.00 (104.70 to 105.70): E

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

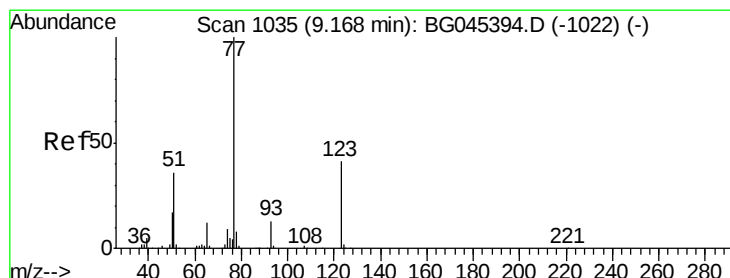
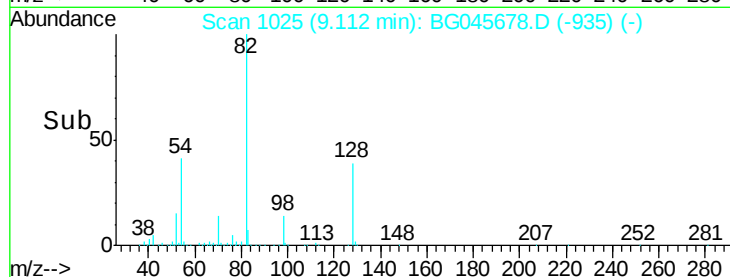
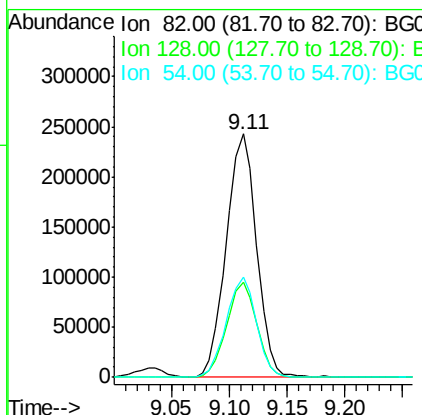
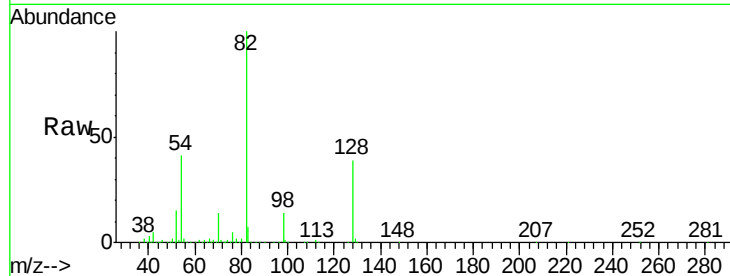




#23
 Nitrobenzene-d5
 Concen: 92.400 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

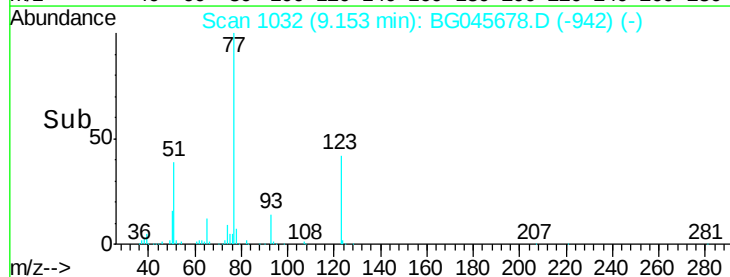
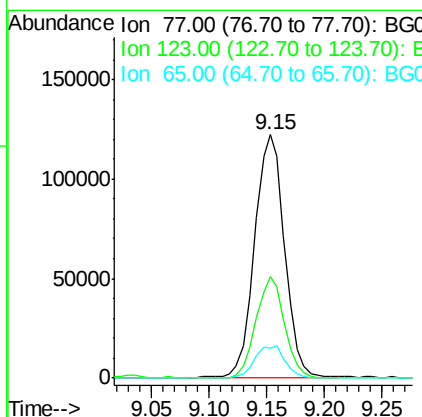
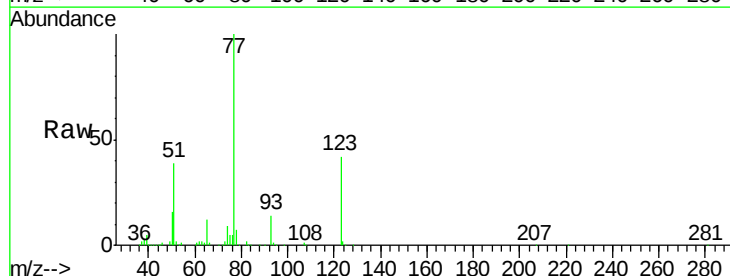
Instrument :
 BNA_G
 ClientSampleId :
 GENMSD

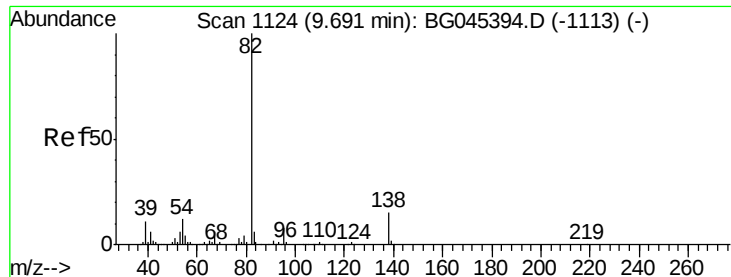
Tot Ion	82	Resp	441406
Ion	Ratio	Lower	Upper
82	100		
128	39.0	30.9	46.3
54	41.3	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.371 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

Tgt Ion	77	Resp	221979
Ion	Ratio	Lower	Upper
77	100		
123	41.6	32.9	49.3
65	12.3	9.4	14.2





#25

Isophorone

Concen: 43.420 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

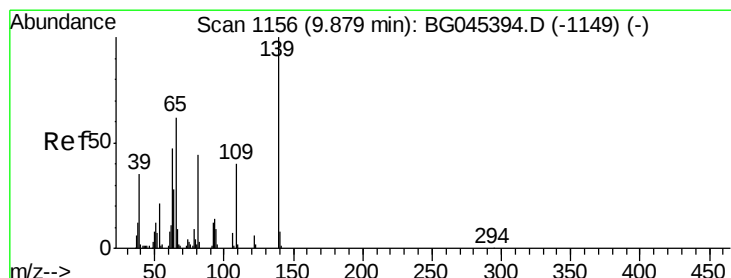
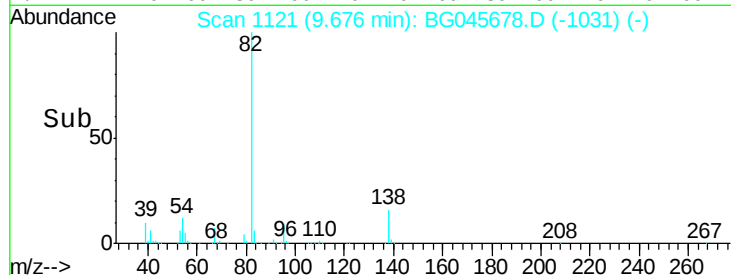
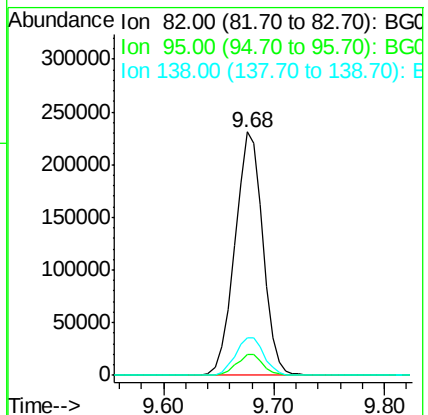
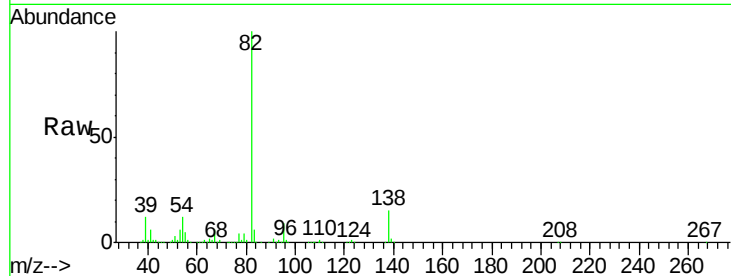
Tot Ion: 82 Resp: 408497

Ion Ratio Lower Upper

82 100

95 8.6 6.7 10.1

138 15.4 12.2 18.4



#26

2-Nitrophenol

Concen: 44.508 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

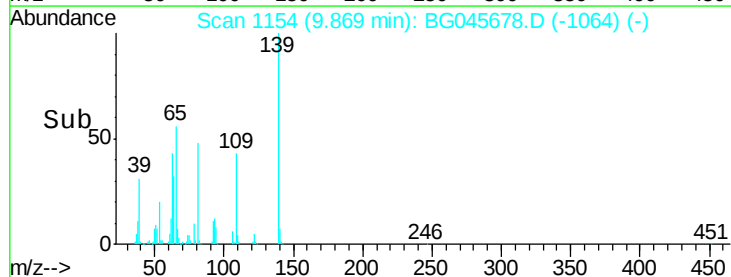
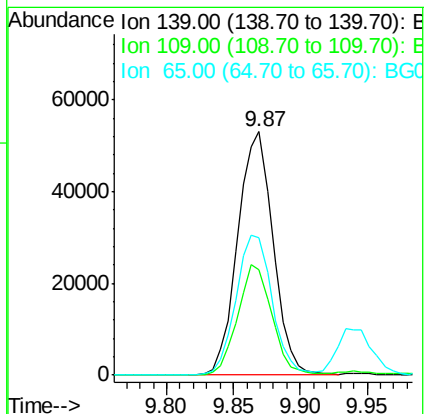
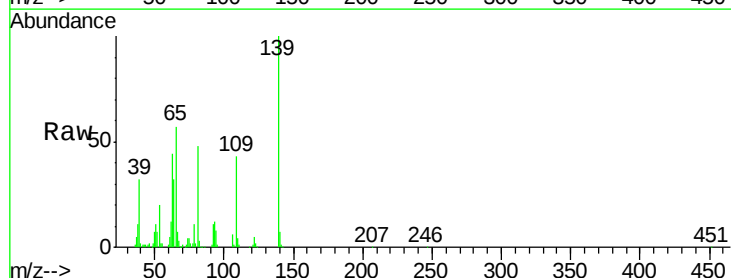
Tgt Ion: 139 Resp: 97448

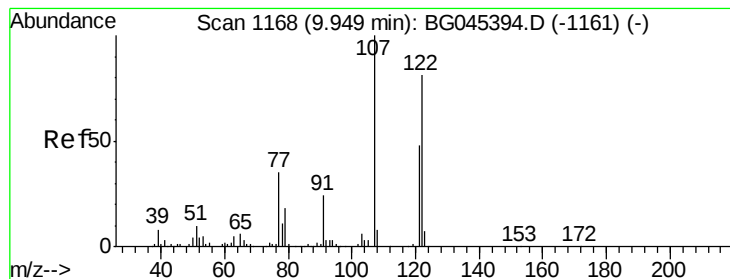
Ion Ratio Lower Upper

139 100

109 43.2 32.2 48.4

65 56.6 49.6 74.4





#27

2,4-Dimethylphenol

Concen: 48.414 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

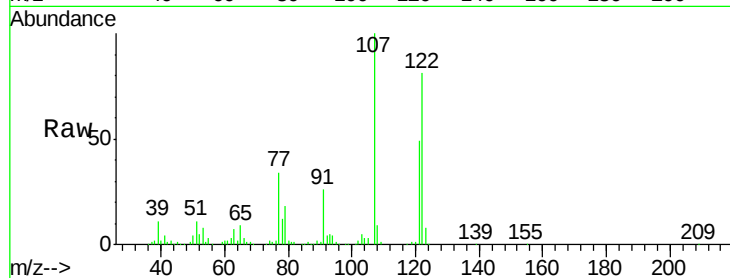
Tot Ion:122 Resp: 157216

Ion Ratio Lower Upper

122 100

107 123.0 99.0 148.4

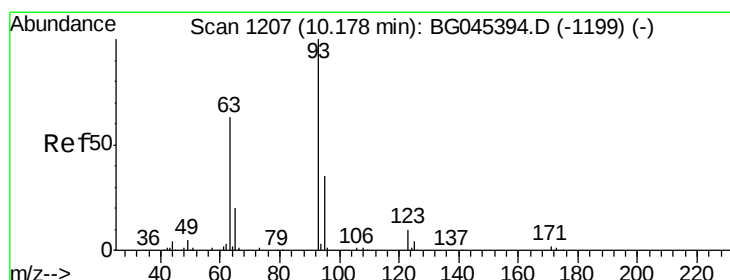
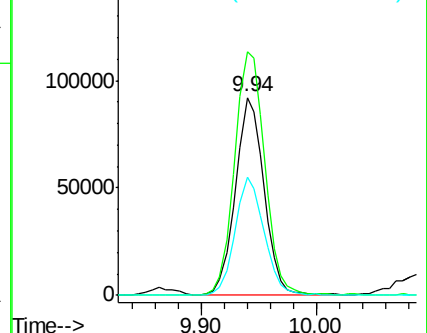
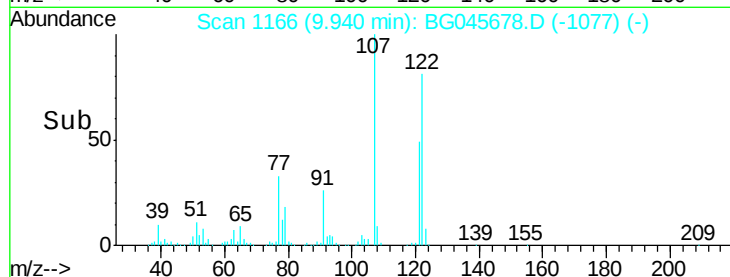
121 59.9 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.263 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

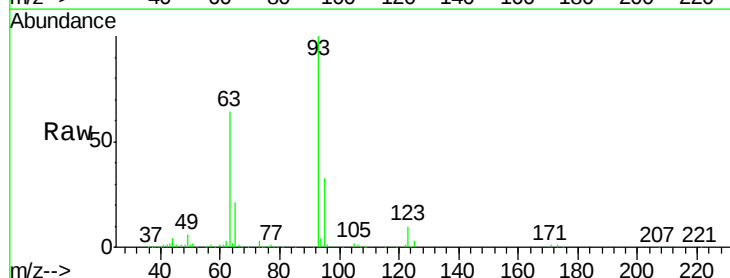
Tgt Ion: 93 Resp: 223324

Ion Ratio Lower Upper

93 100

95 32.5 27.6 41.4

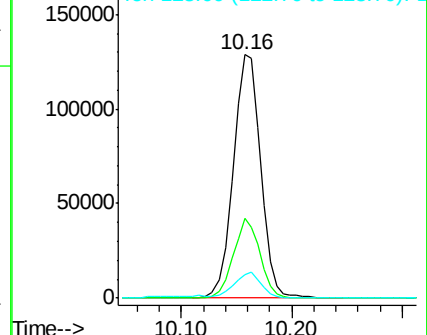
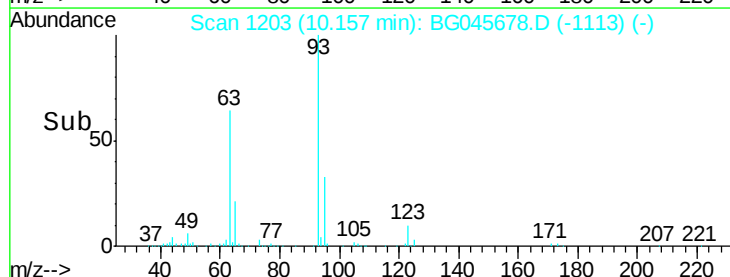
123 9.8 8.1 12.1

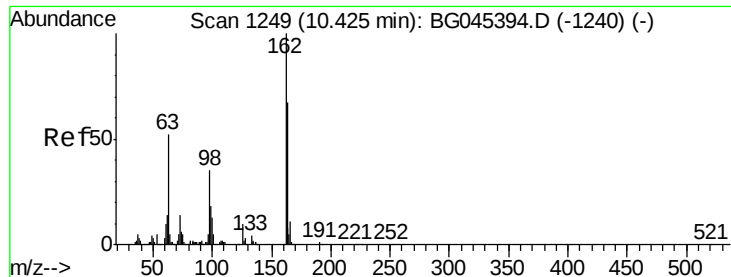


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

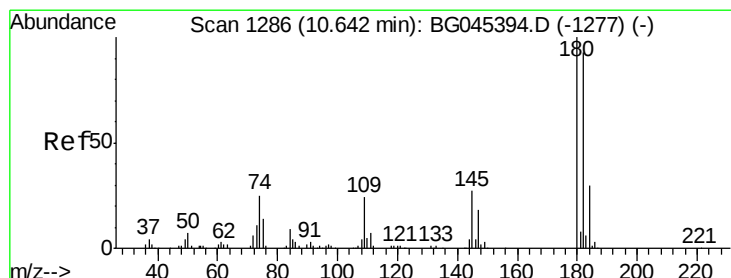
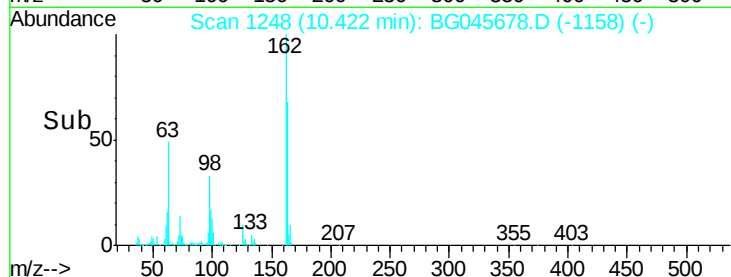
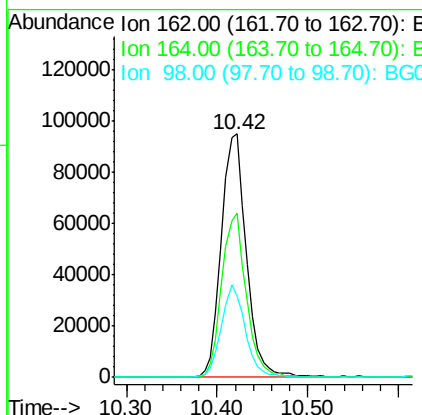
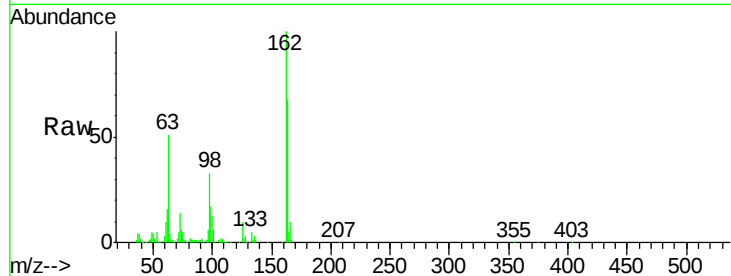




#29
 2,4-Dichlorophenol
 Concen: 47.729 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

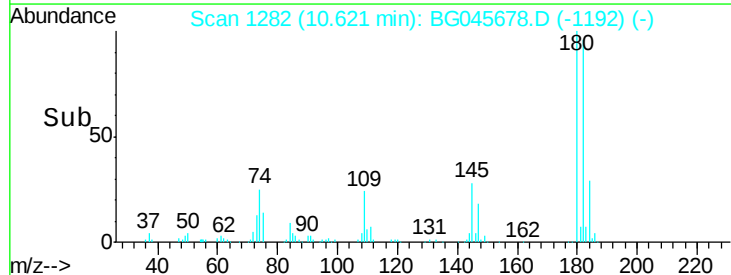
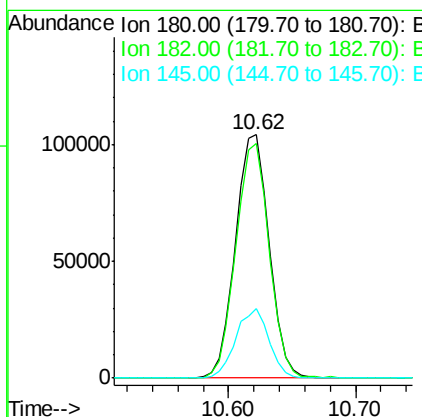
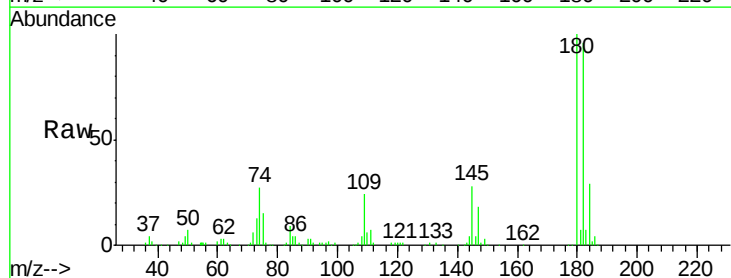
Instrument :
 BNA_G
 ClientSampleId :
 GENMSD

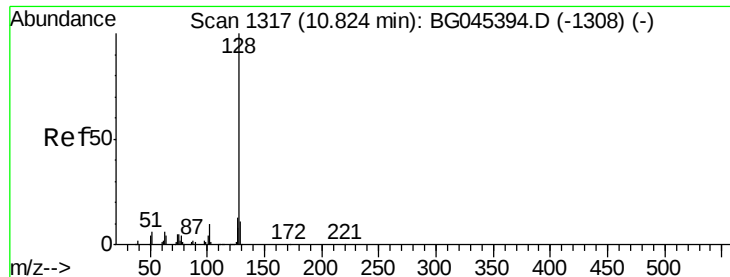
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.6	46.8	86.8
98	33.0	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 42.379 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	74.8	112.2
145	28.3	21.9	32.9

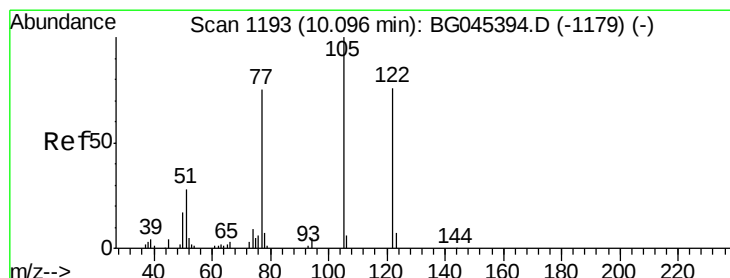
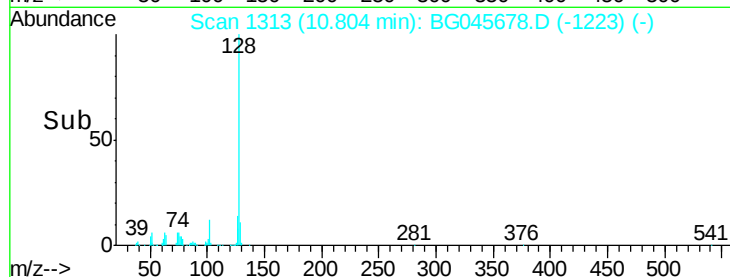
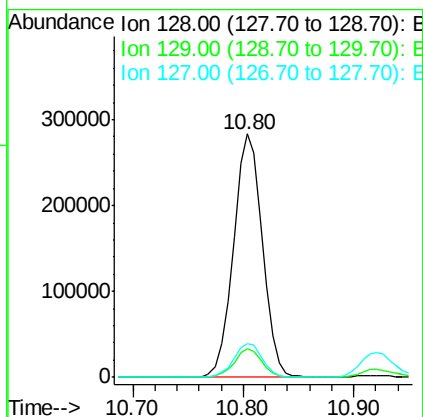
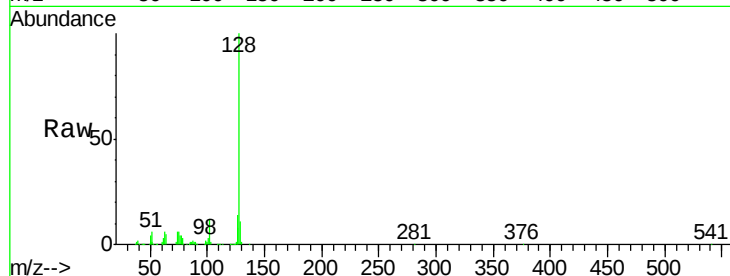




#31
Naphthalene
Concen: 42.647 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

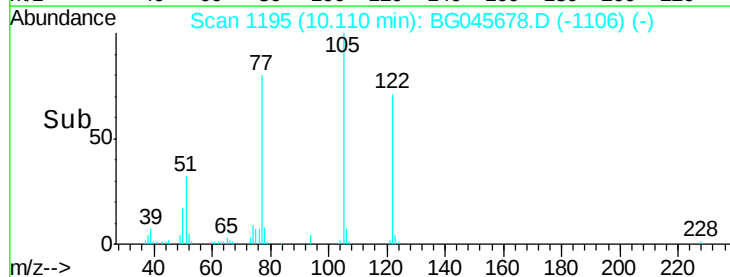
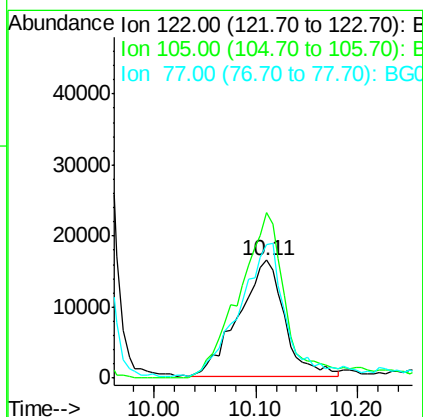
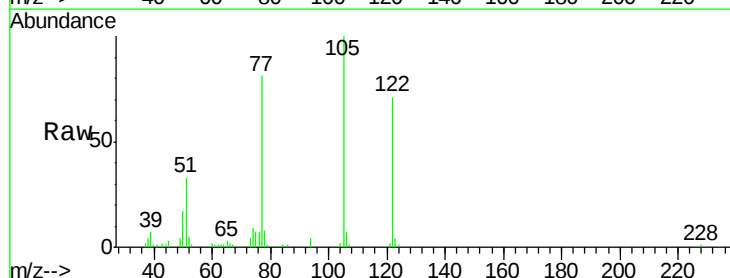
Instrument :
BNA_G
ClientSampleId :
GENMSD

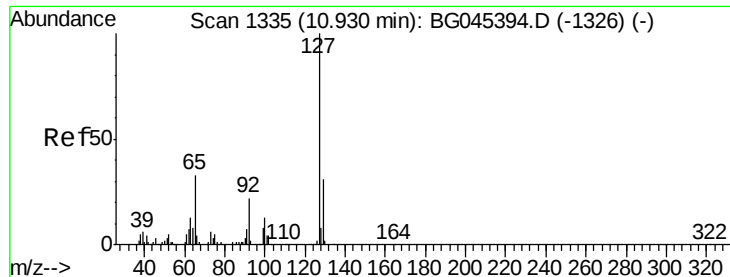
Tot Ion:128 Resp: 517708
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 28.316 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:122 Resp: 51066
Ion Ratio Lower Upper
122 100
105 141.1 107.9 147.9
77 113.8 78.9 118.9

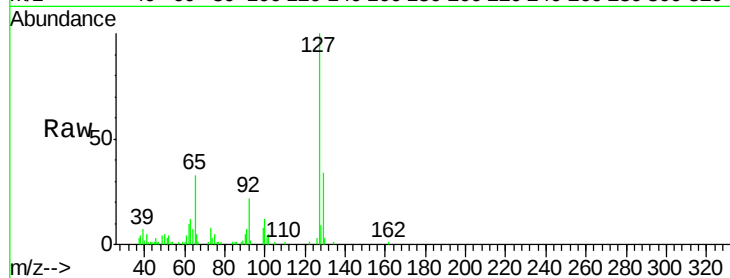




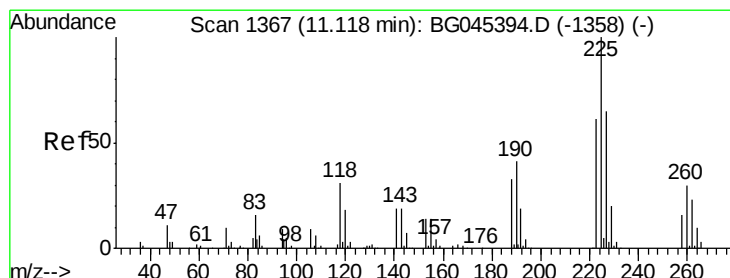
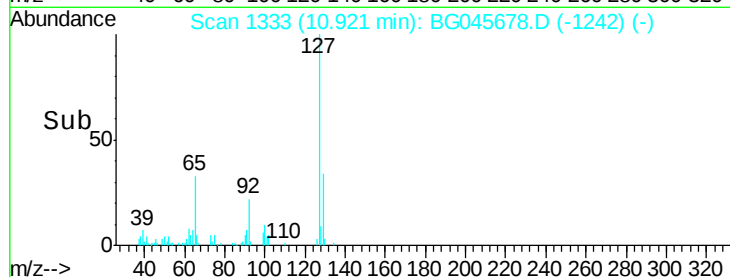
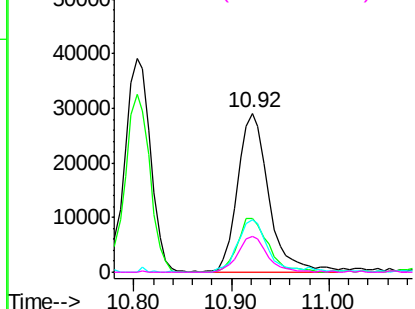
#33
4-Chloroaniline
Concen: 12.777 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Instrument :
BNA_G
ClientSampleId :
GENMSD

Tot Ion:127	Resp:	64833
Ion	Ratio	Lower Upper
127	100	
129	33.6	24.7 37.1
65	33.0	26.2 39.2
92	22.4	17.9 26.9

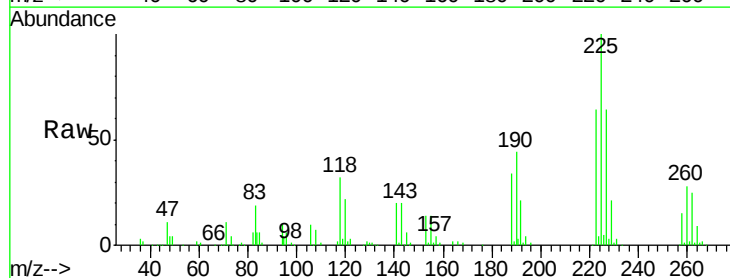


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

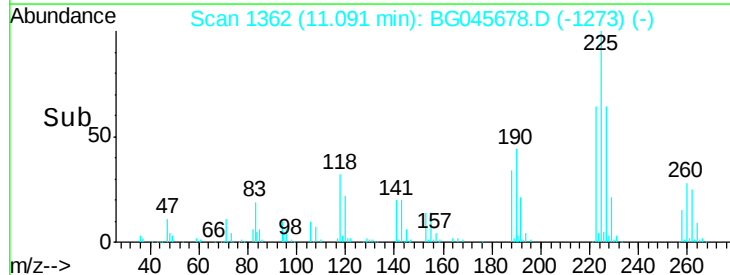
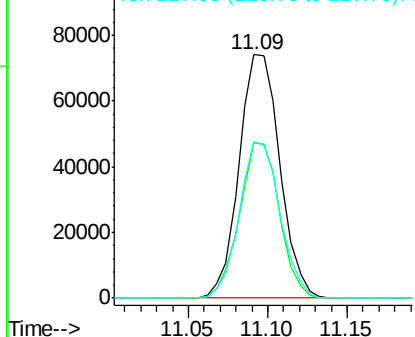


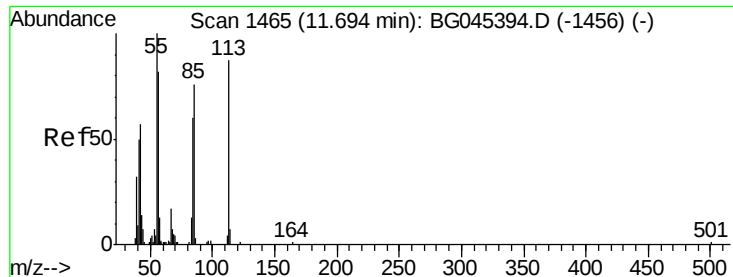
#34
Hexachlorobutadiene
Concen: 41.337 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:225	Resp:	132402
Ion	Ratio	Lower Upper
225	100	
223	63.9	49.1 73.7
227	64.5	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: 17.894 ng

RT: 11.70 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

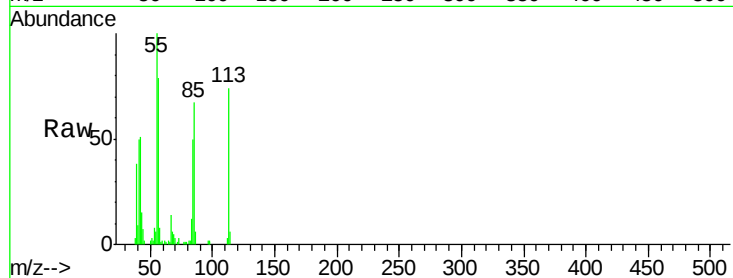
Tot Ion:113 Resp: 25186

Ion Ratio Lower Upper

113 100

55 135.0 96.0 136.0

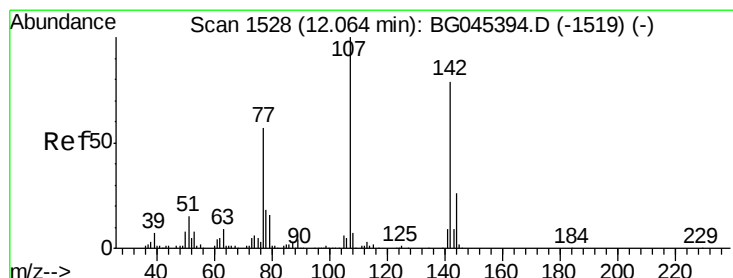
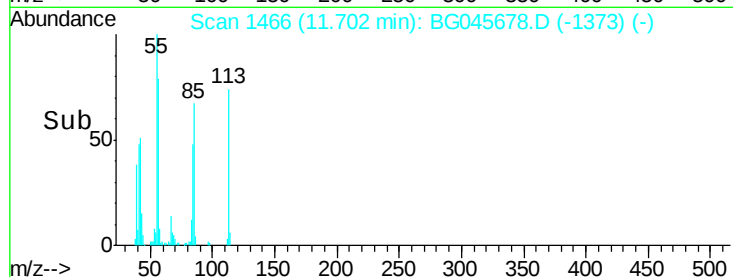
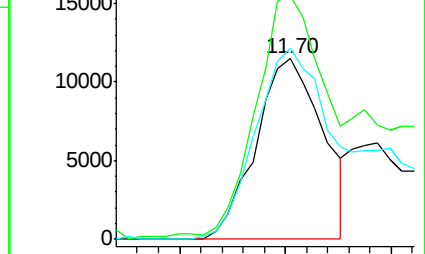
56 106.1 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.841 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

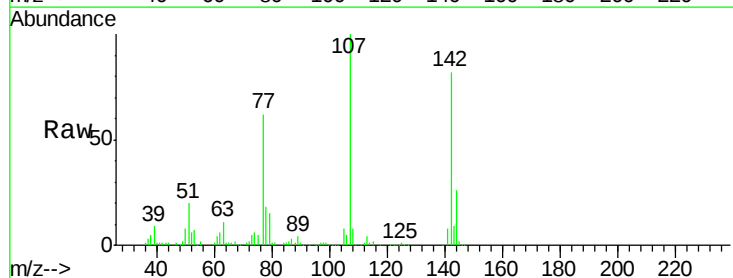
Tgt Ion:107 Resp: 198084

Ion Ratio Lower Upper

107 100

144 25.8 20.8 31.2

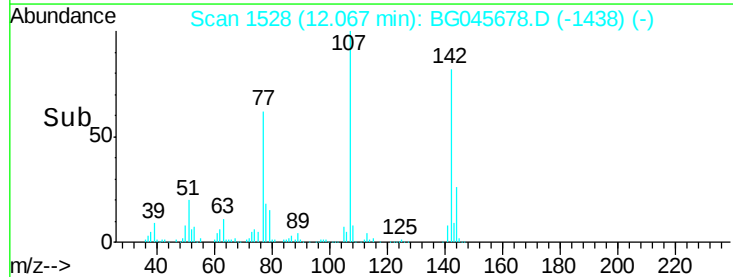
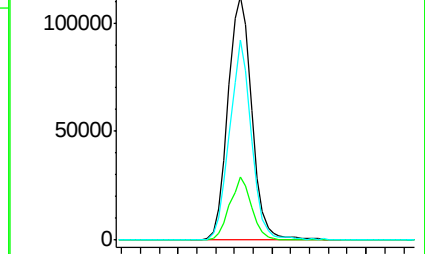
142 82.2 62.8 94.2

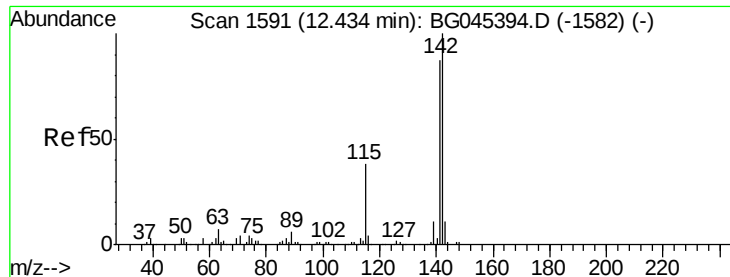


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

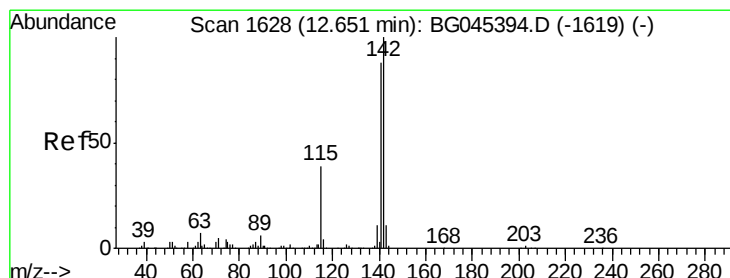
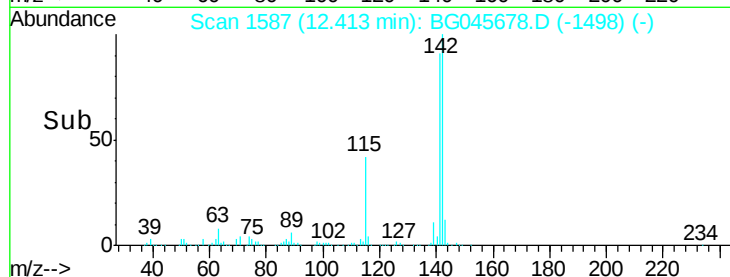
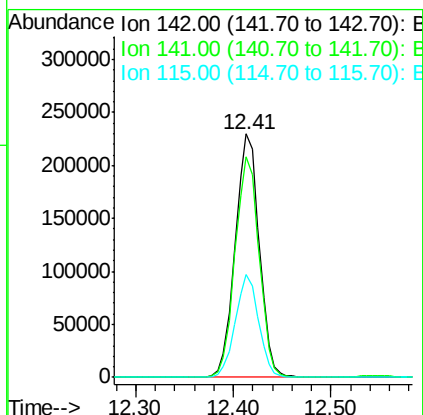
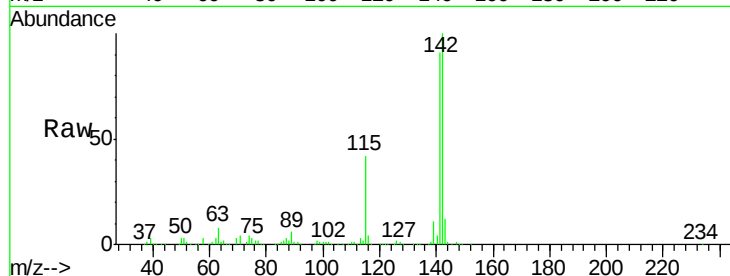




#37
2-Methylnaphthalene
Concen: 43.512 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

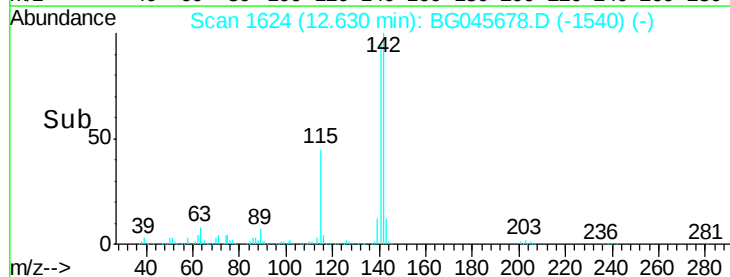
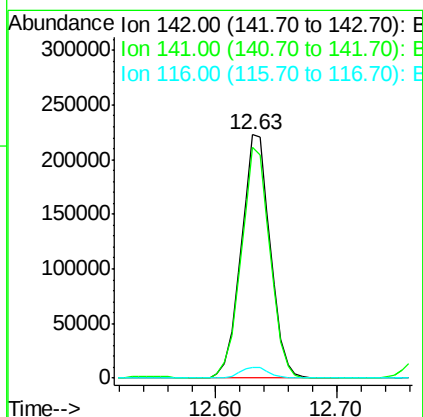
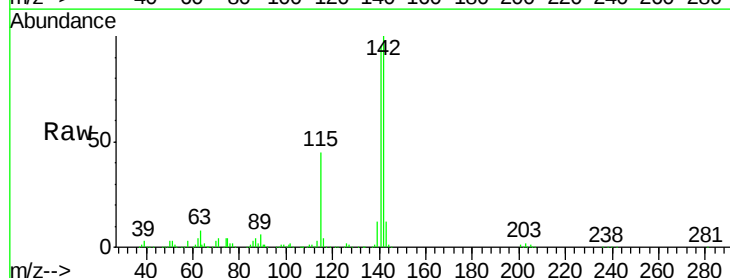
Instrument :
BNA_G
ClientSampleId :
GENMSD

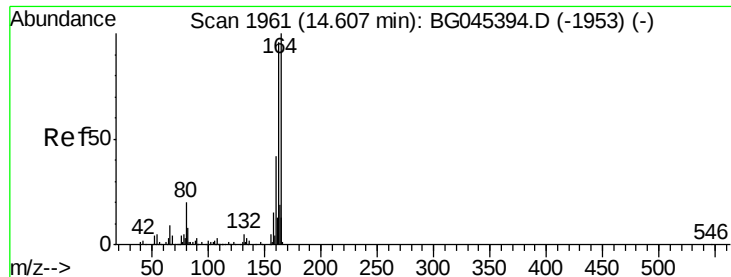
Tot Ion:142 Resp: 393692
Ion Ratio Lower Upper
142 100
141 90.7 70.0 105.0
115 42.1 30.8 46.2



#38
1-Methylnaphthalene
Concen: 43.718 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:142 Resp: 373656
Ion Ratio Lower Upper
142 100
141 94.6 70.8 106.2
116 4.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

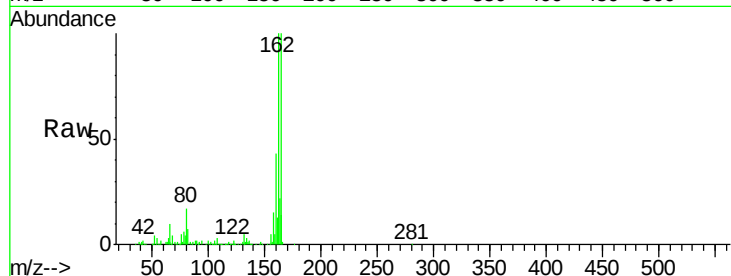
Tot Ion:164 Resp: 178032

Ion Ratio Lower Upper

164 100

162 100.0 76.9 115.3

160 43.3 33.8 50.8

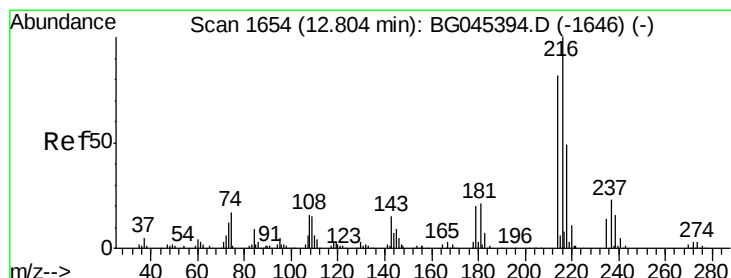
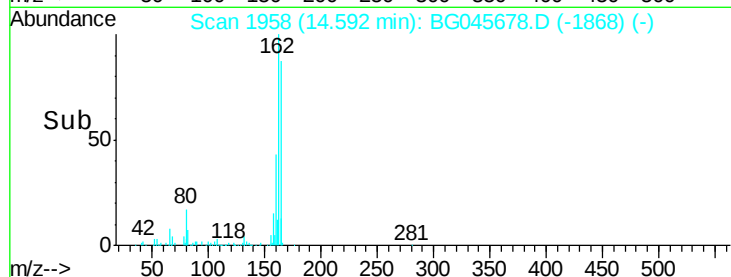
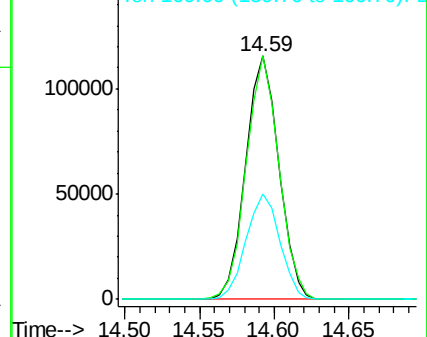


Abundance

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: 45.673 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Tgt Ion:216 Resp: 227117

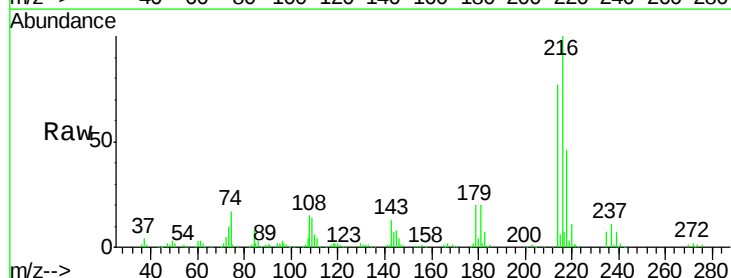
Ion Ratio Lower Upper

216 100

214 78.3 63.7 95.5

179 20.2 16.1 24.1

108 19.0 13.8 20.6



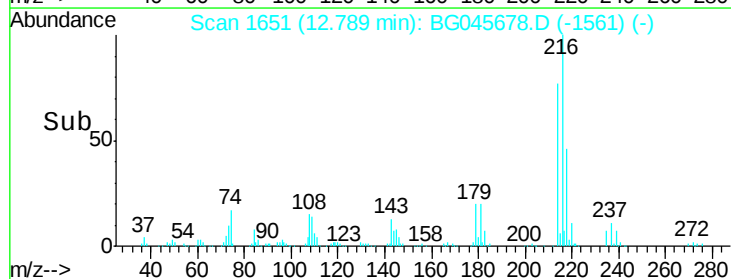
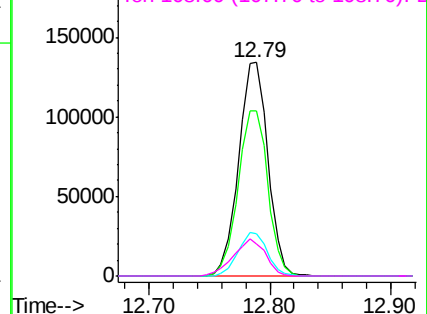
Abundance

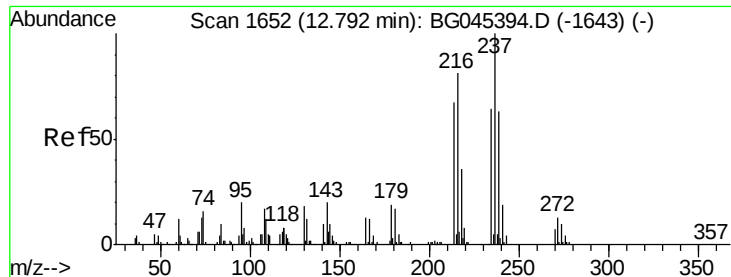
Ion 216.00 (215.70 to 216.70): E

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

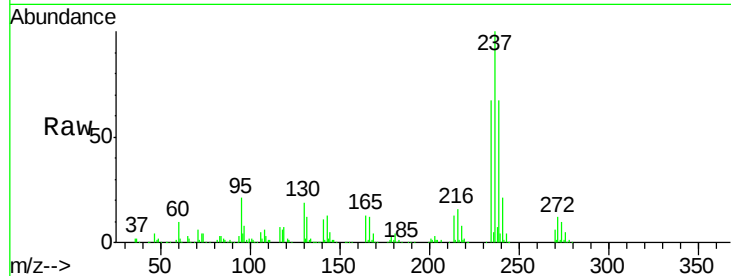




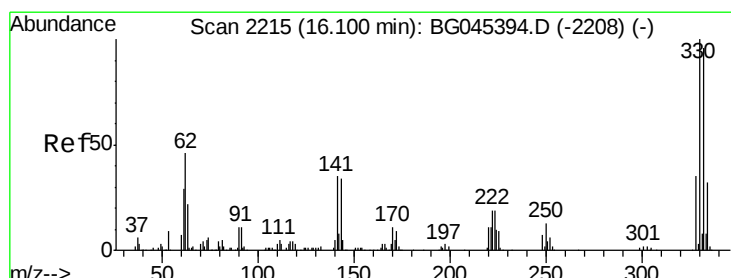
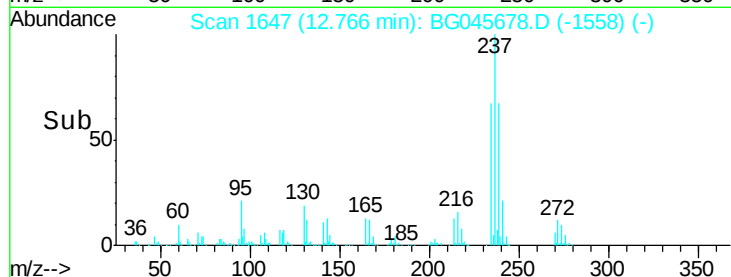
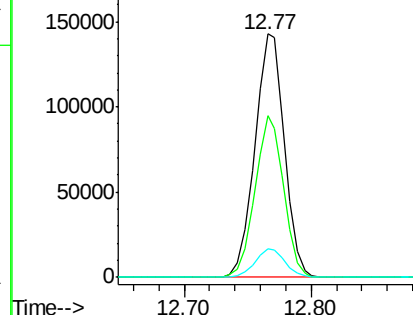
#41
Hexachlorocyclopentadiene
Concen: 80.332 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Instrument :
BNA_G
ClientSampleId :
GENMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	66.6	44.4	84.4
272	12.0	0.0	32.5

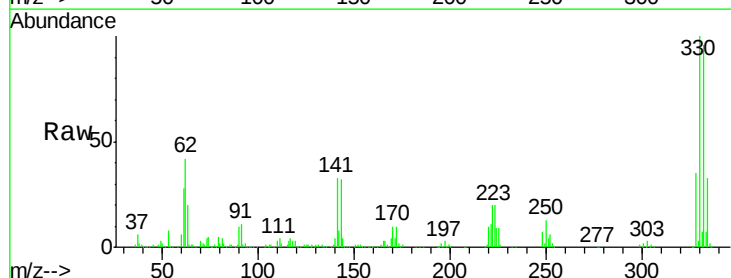


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

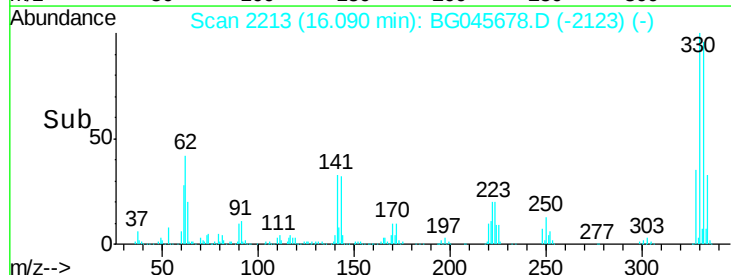
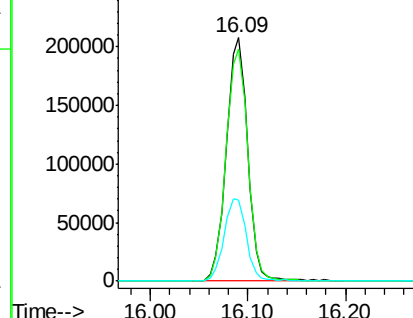


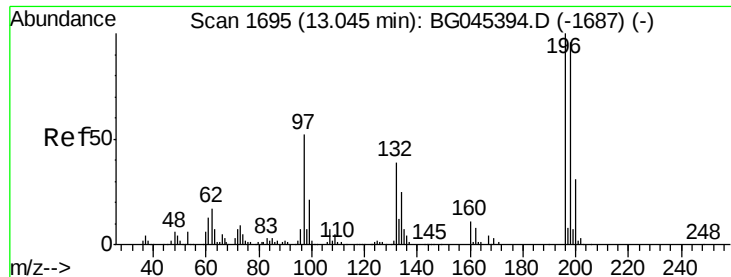
#42
2,4,6-Tribromophenol
Concen: 138.826 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.2	117.4
141	35.4	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

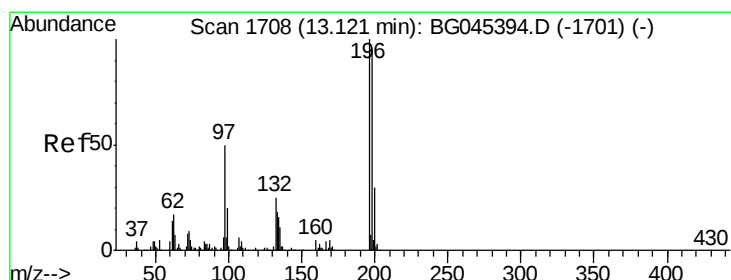
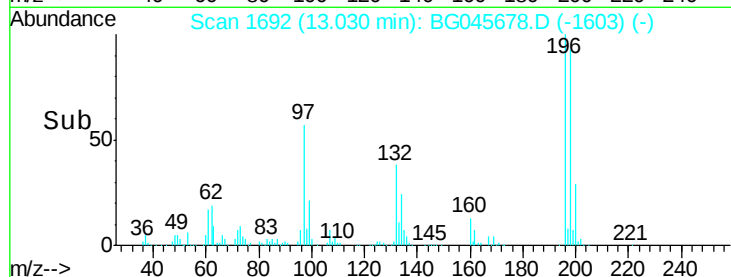
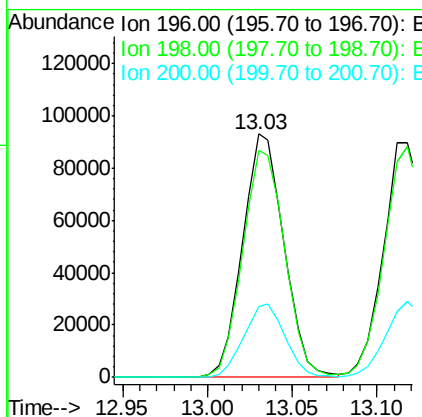
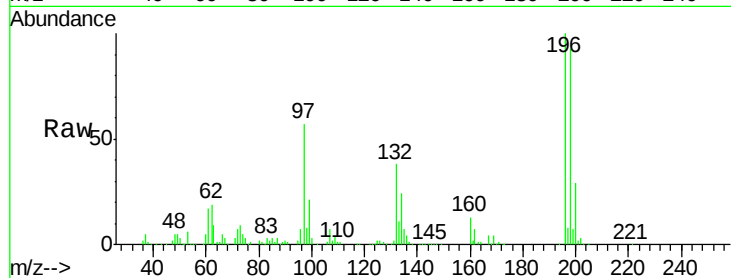




#43
 2,4,6-Trichlorophenol
 Concen: 45.849 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

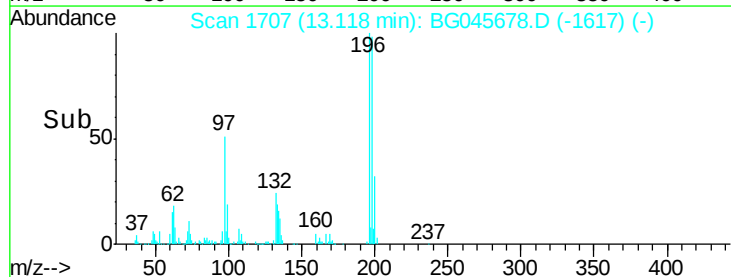
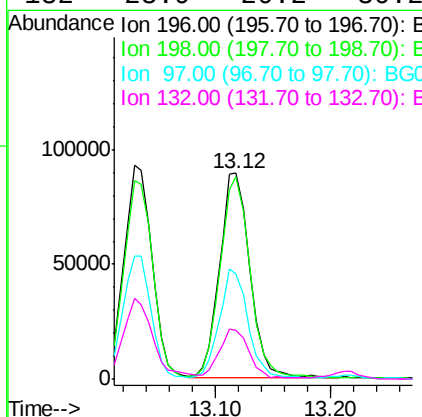
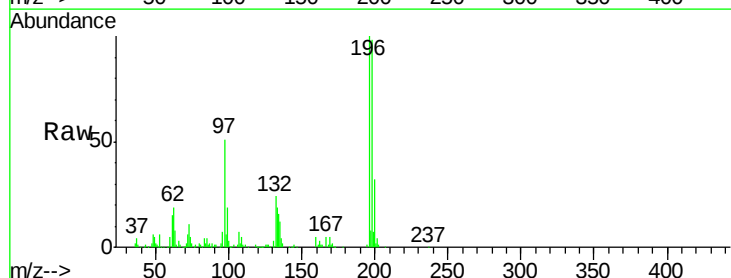
Instrument :
 BNA_G
 ClientSampleId :
 GENMSD

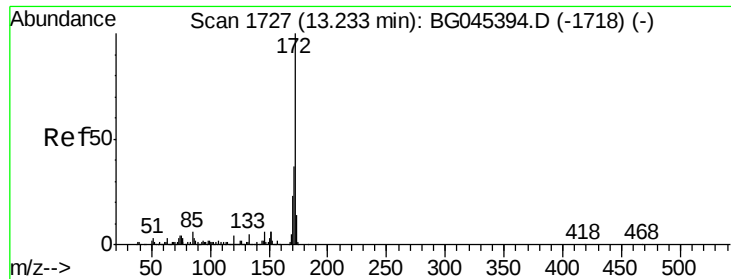
Tot Ion:196 Resp: 158380
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.7 115.1
 200 29.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.054 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

Tgt Ion:196 Resp: 162057
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.1 114.1
 97 51.3 40.0 60.0
 132 23.9 20.2 30.2

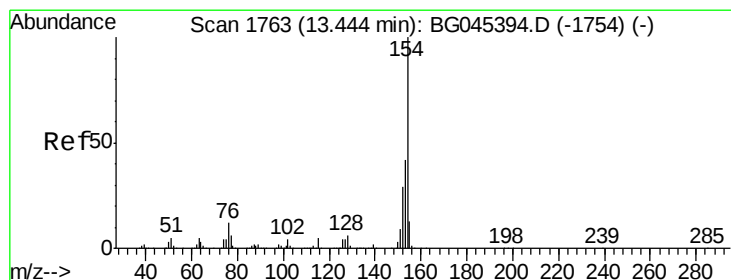
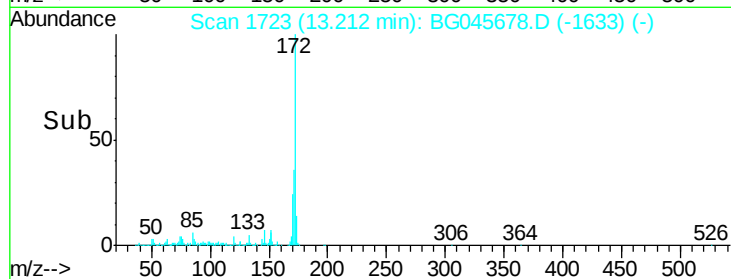
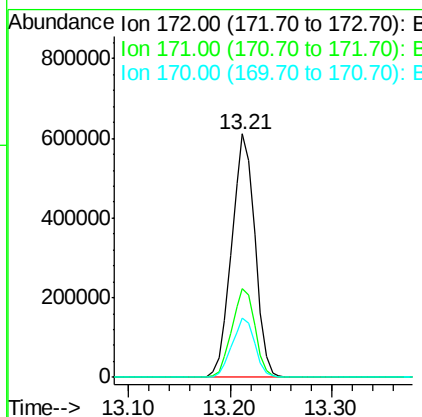
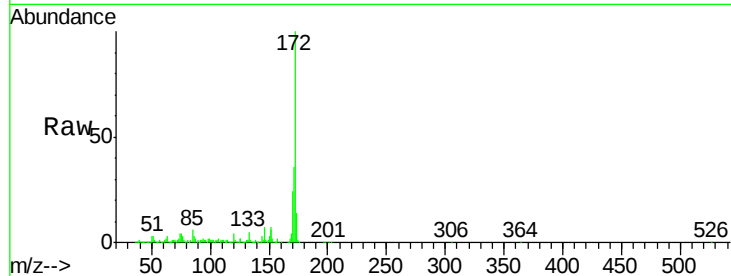




#45
2-Fluorobiphenyl
Concen: 92.383 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

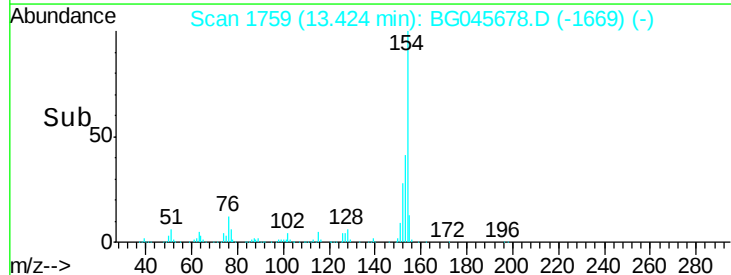
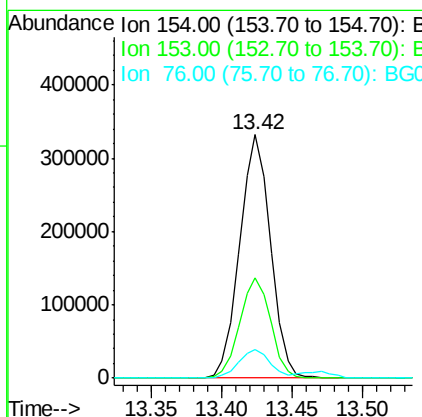
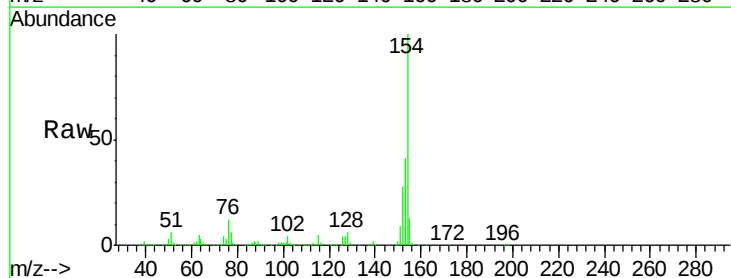
Instrument :
BNA_G
ClientSampleId :
GENMSD

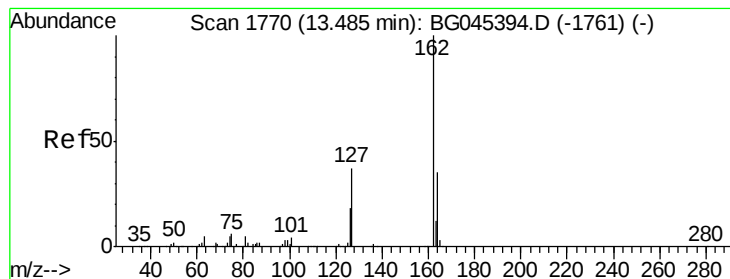
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	24.2	18.5	27.7



#46
1,1'-Biphenyl
Concen: 46.344 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.2	62.2
76	11.7	0.0	32.4





#47

2-Chloronaphthalene

Concen: 43.170 ng

RT: 13.46 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

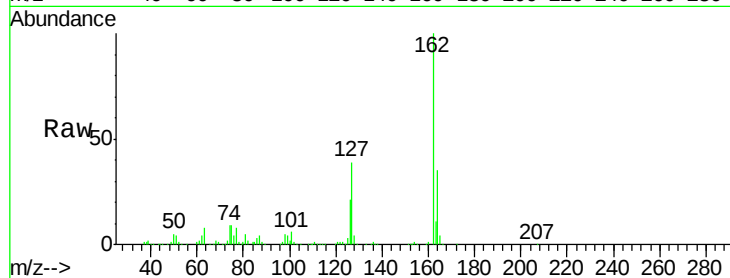
Tot Ion:162 Resp: 383482

Ion Ratio Lower Upper

162 100

127 38.5 31.6 47.4

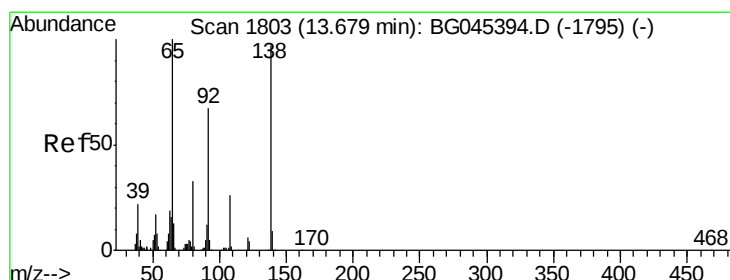
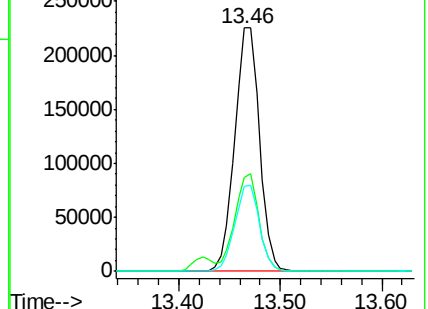
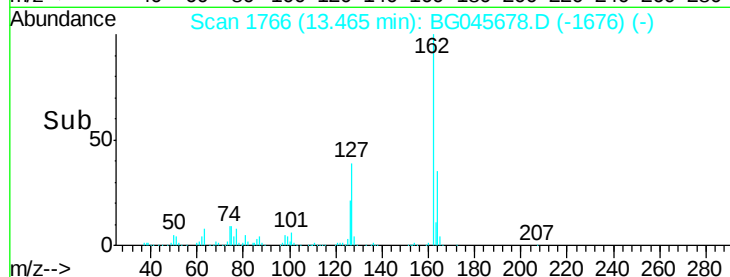
164 35.1 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.952 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

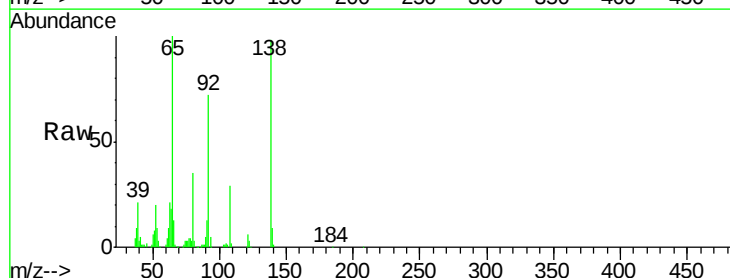
Tgt Ion: 65 Resp: 131352

Ion Ratio Lower Upper

65 100

92 71.8 53.8 80.8

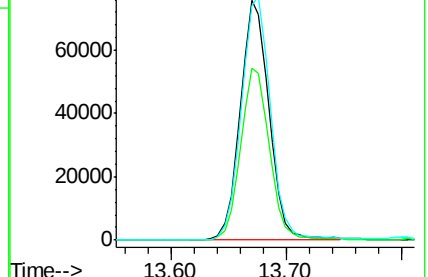
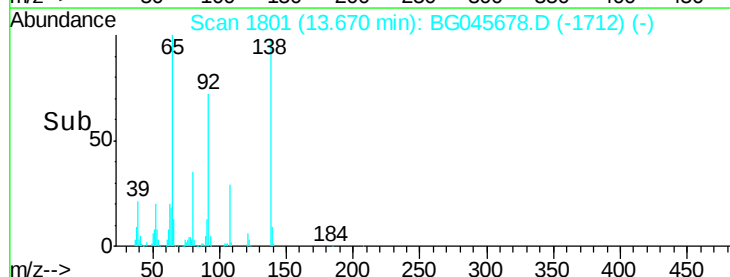
138 97.8 77.9 116.9

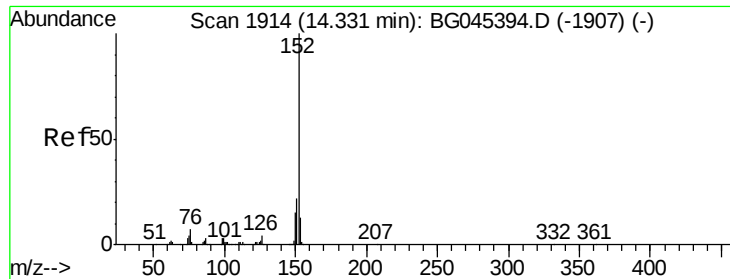


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#49

Acenaphthylene

Concen: 45.012 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

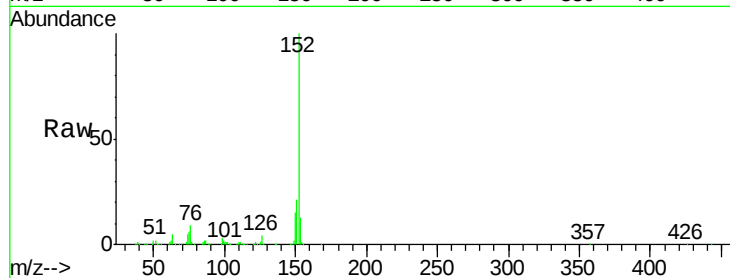
Tot Ion:152 Resp: 642248

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.2

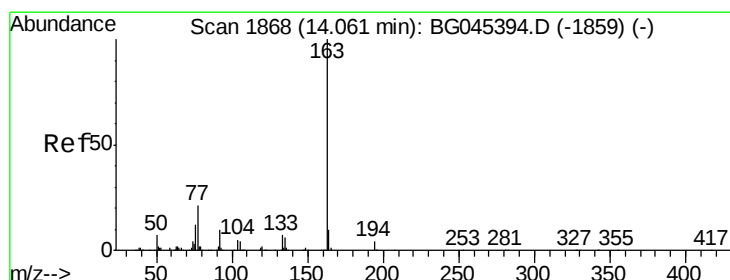
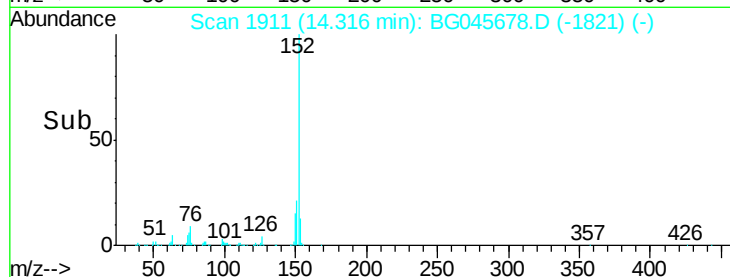
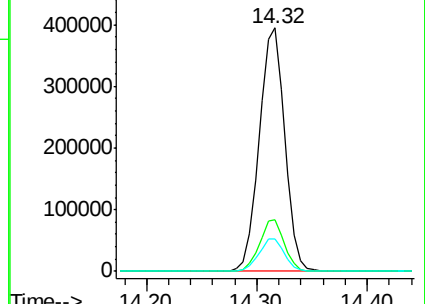
153 13.4 10.7 16.1



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: 53.713 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

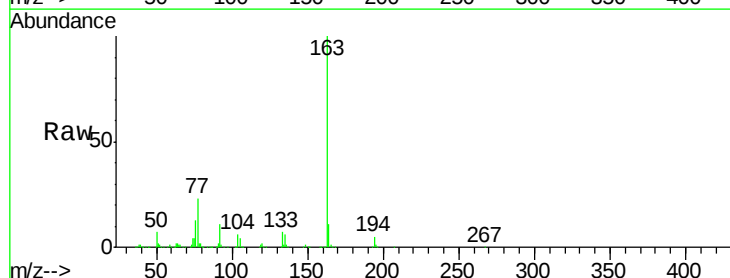
Tgt Ion:163 Resp: 655990

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

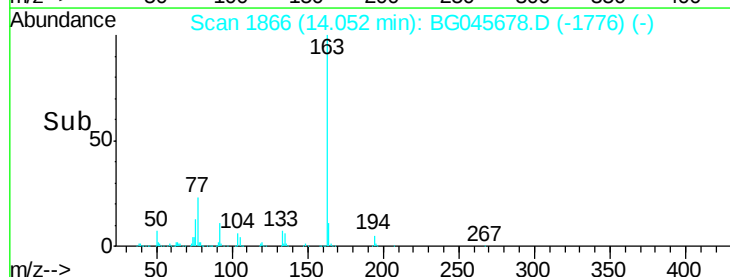
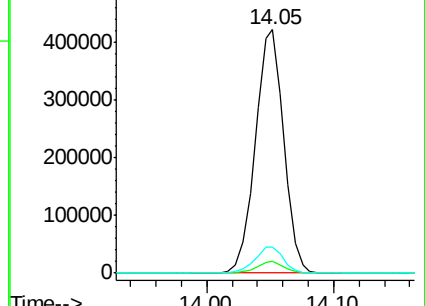
164 10.8 8.3 12.5

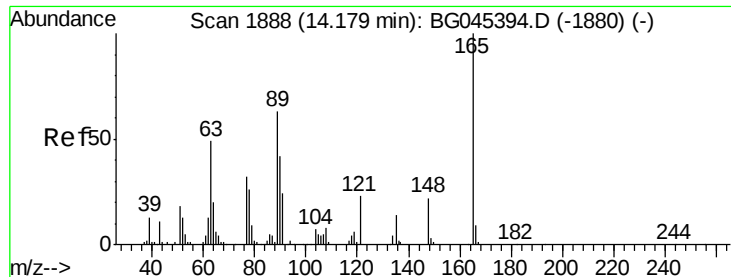


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

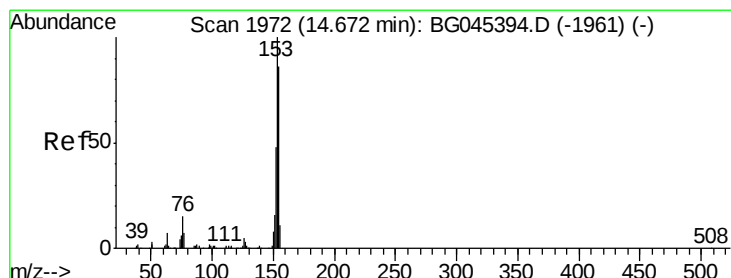
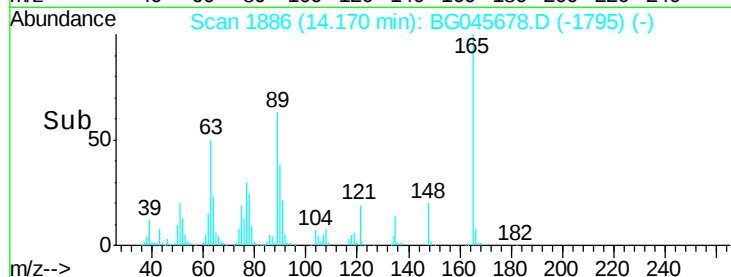
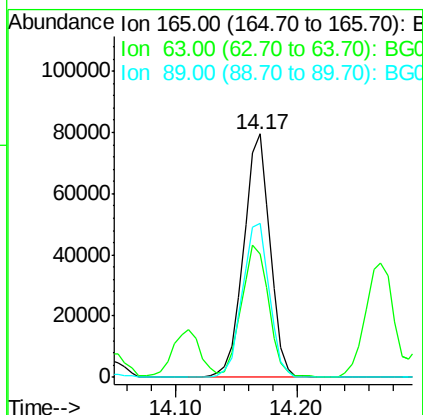
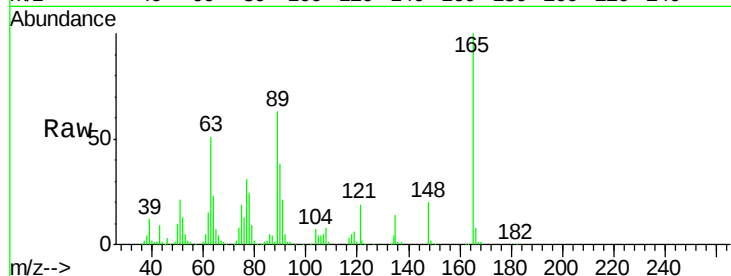




#51
2,6-Dinitrotoluene
Concen: 43.995 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

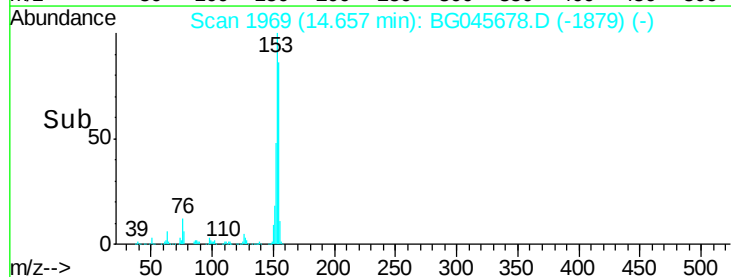
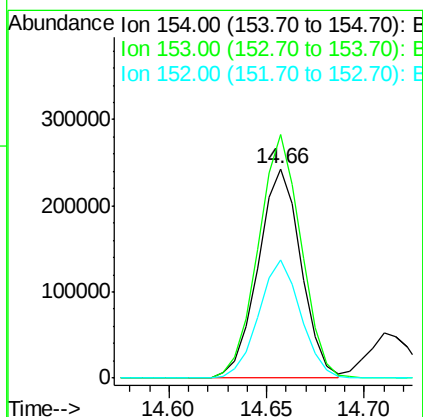
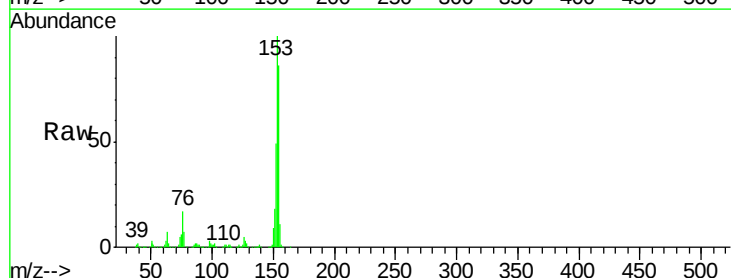
Instrument :
BNA_G
ClientSampleId :
GENMSD

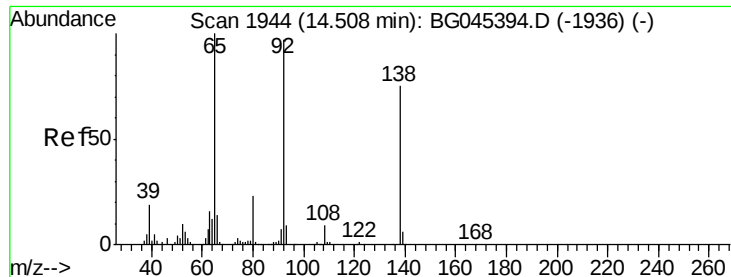
Tot Ion:165 Resp: 121244
Ion Ratio Lower Upper
165 100
63 50.5 45.0 67.4
89 63.2 50.2 75.4



#52
Acenaphthene
Concen: 38.741 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:154 Resp: 370020
Ion Ratio Lower Upper
154 100
153 116.2 92.8 139.2
152 56.4 44.6 66.8

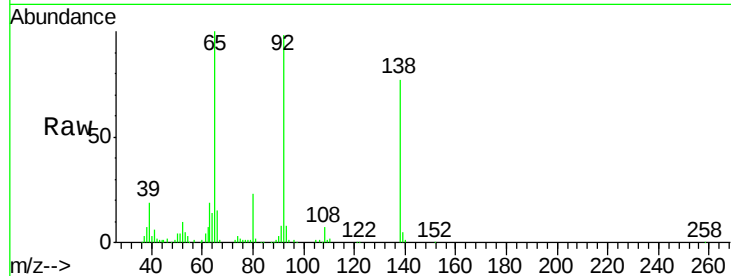




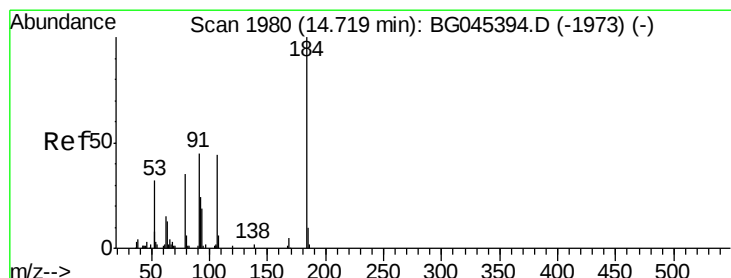
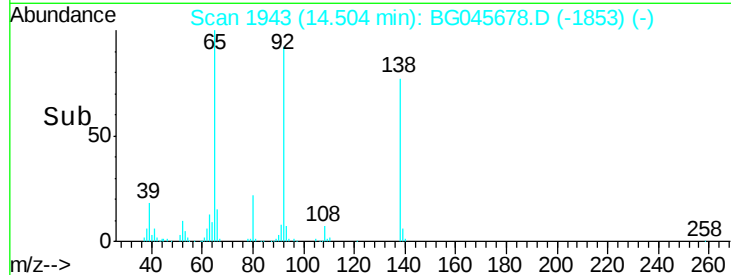
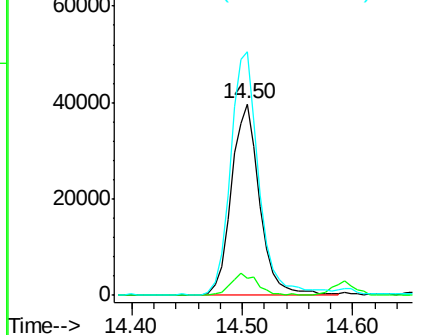
#53
 3-Nitroaniline
 Concen: 25.426 ng
 RT: 14.50 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

Instrument :
 BNA_G
 ClientSampleId :
 GENMSD

Tot Ion:138 Resp: 71230
 Ion Ratio Lower Upper
 138 100
 108 9.0 9.8 14.6#
 92 127.3 103.0 154.4

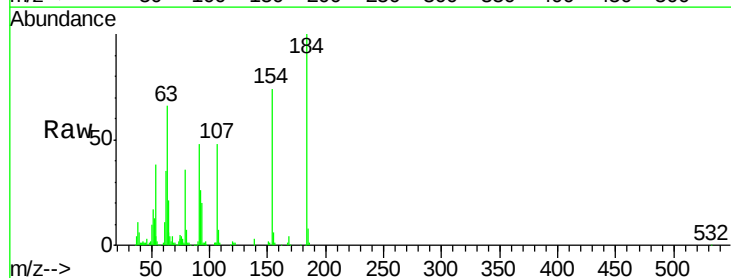


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

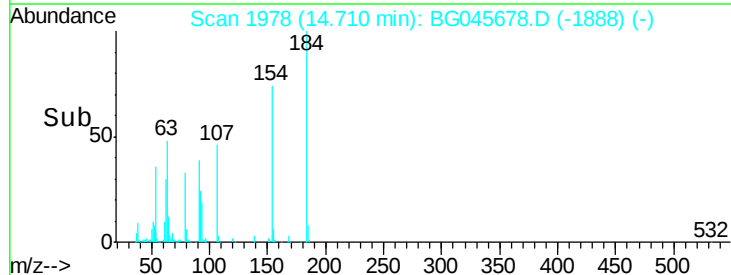
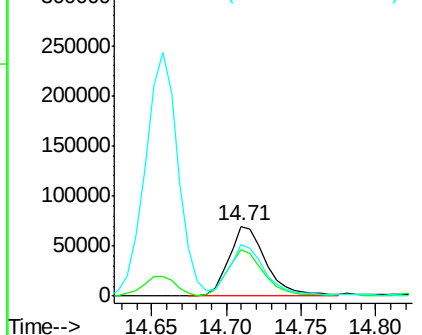


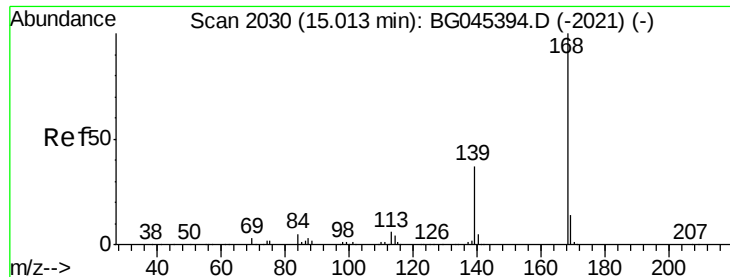
#54
 2,4-Dinitrophenol
 Concen: 68.516 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

Tgt Ion:184 Resp: 122170
 Ion Ratio Lower Upper
 184 100
 63 66.3 47.8 71.6
 154 74.4 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): E
 Ion 154.00 (153.70 to 154.70): E

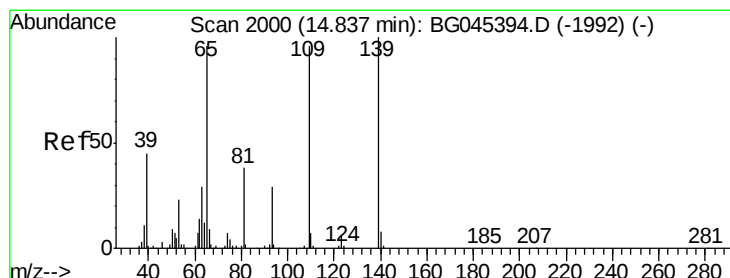
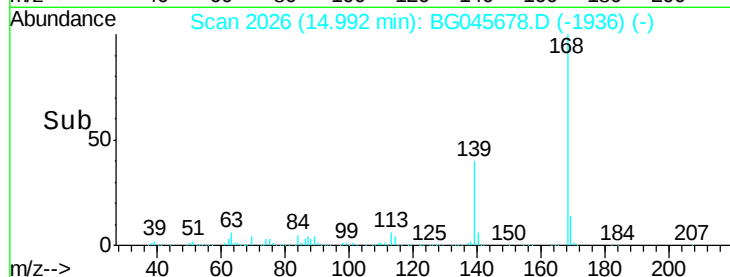
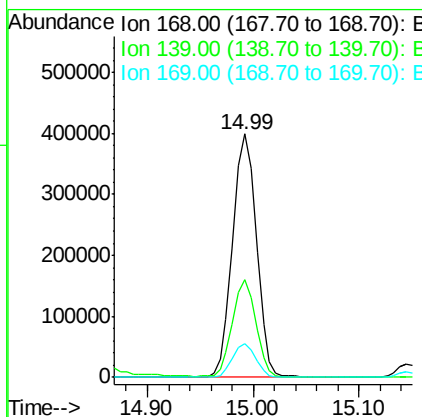
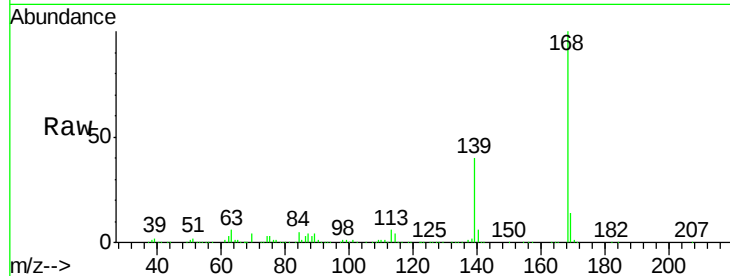




#55
Dibenzofuran
Concen: 43.993 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

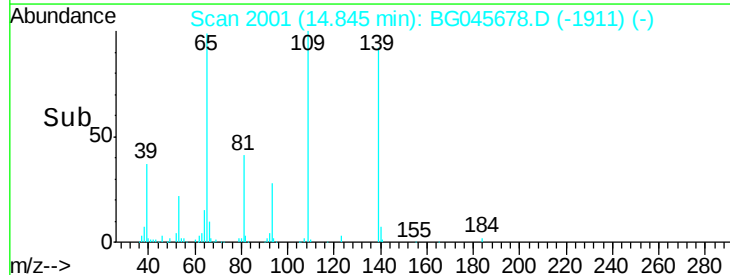
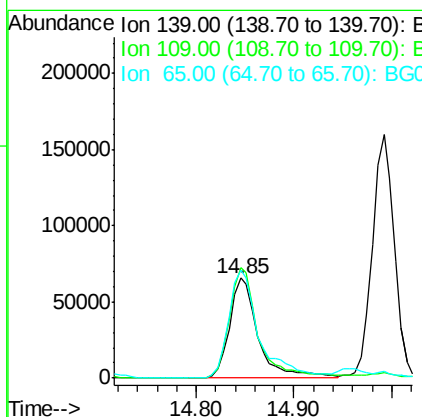
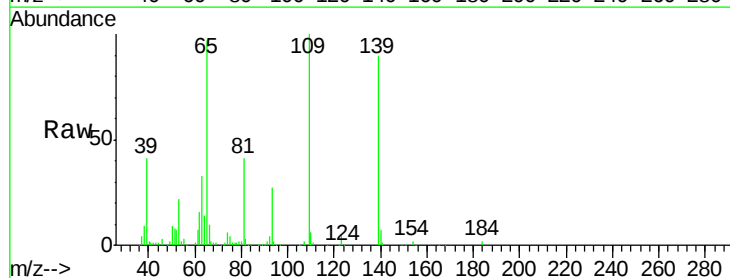
Instrument :
BNA_G
ClientSampled :
GENMSD

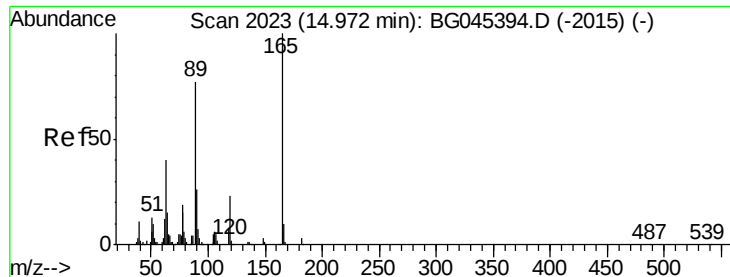
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	29.9	44.9
169	13.9	10.9	16.3



#56
4-Nitrophenol
Concen: 63.252 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.5	75.6	115.6
65	107.3	76.8	116.8

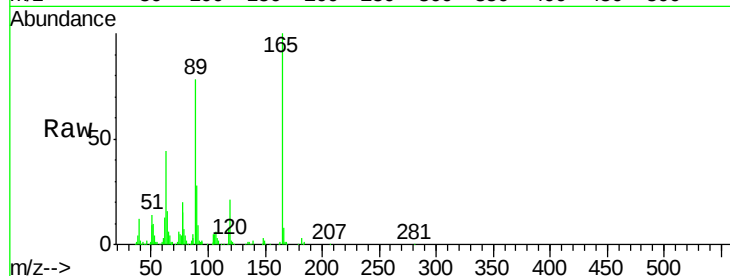




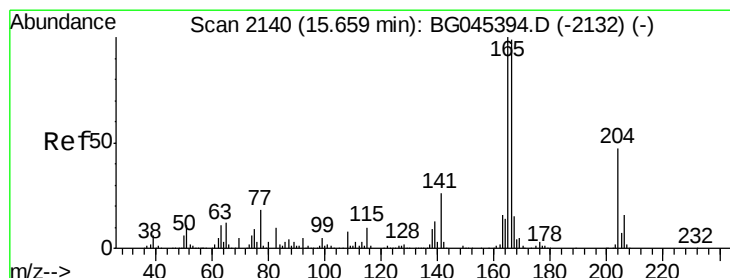
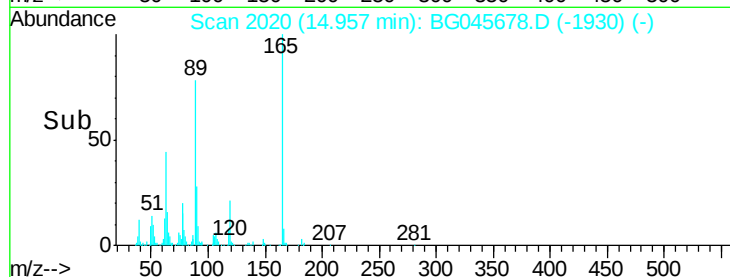
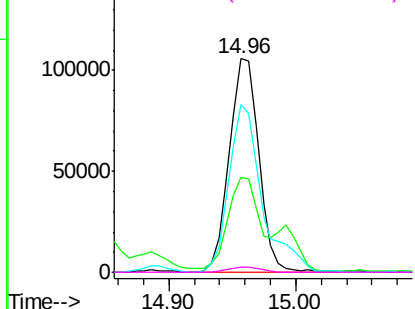
#57
2,4-Dinitrotoluene
Concen: 42.632 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Instrument :
BNA_G
ClientSampleId :
GENMSD

Tot Ion:165 Resp: 170154
Ion Ratio Lower Upper
165 100
63 44.5 32.5 48.7
89 78.5 61.8 92.6
182 2.7 2.3 3.5

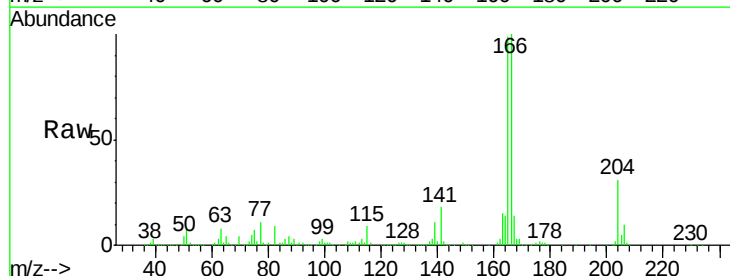


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

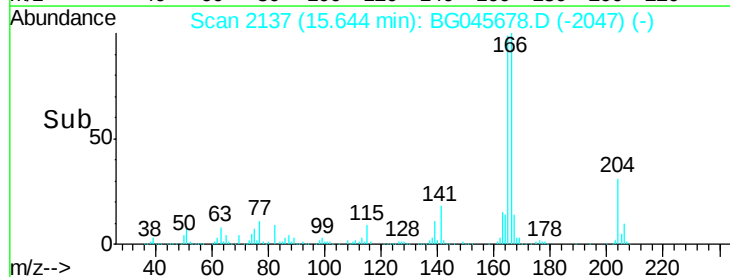
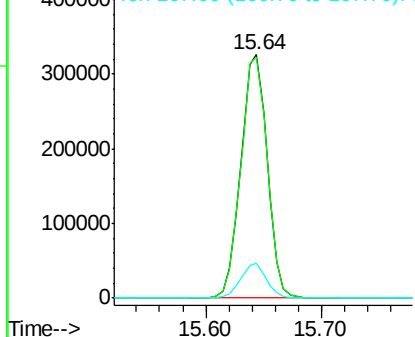


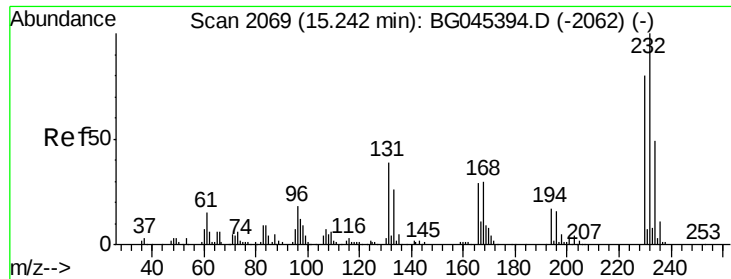
#58
Fluorene
Concen: 44.278 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:166 Resp: 515948
Ion Ratio Lower Upper
166 100
165 98.9 80.8 121.2
167 14.2 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

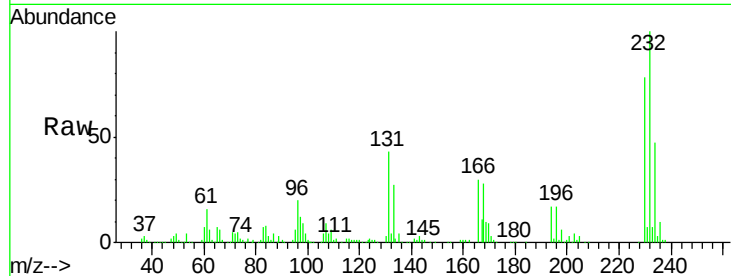




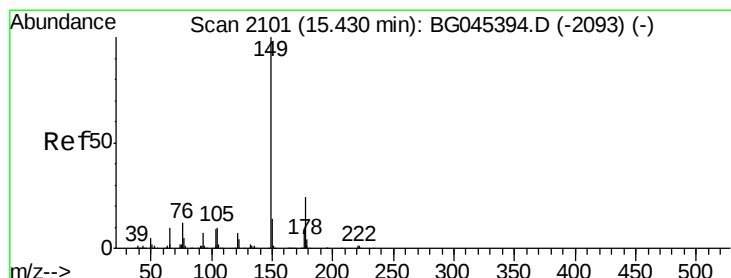
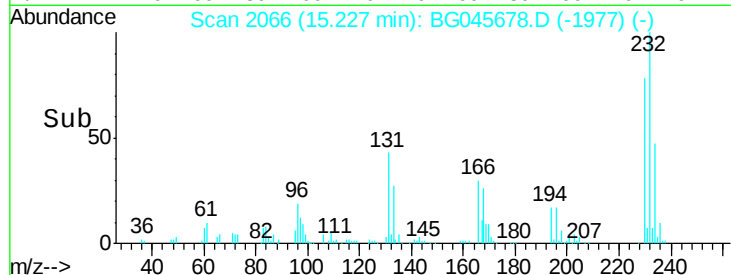
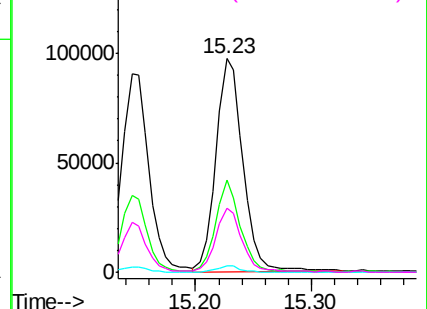
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.270 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Instrument :
BNA_G
ClientSampleId :
GENMSD

Tot Ion:232	Resp:	157215
Ion Ratio	Lower	Upper
232	100	
131	40.1	33.7 50.5
130	2.7	2.1 3.1
166	28.3	23.2 34.8

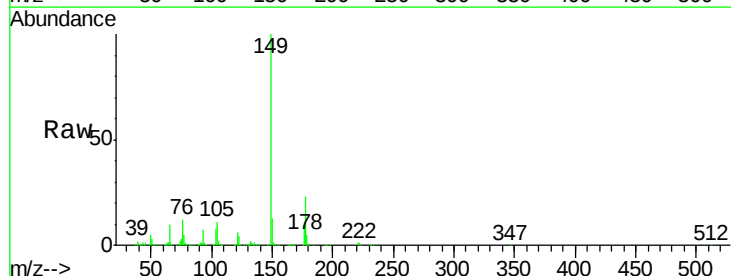


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

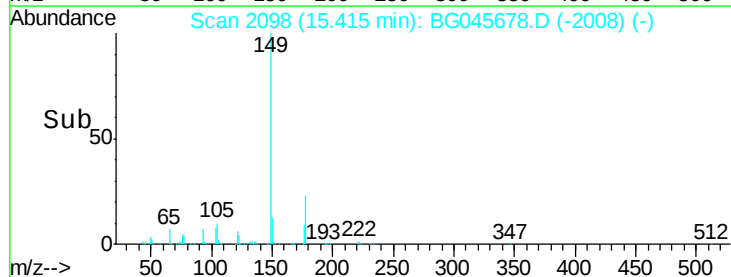
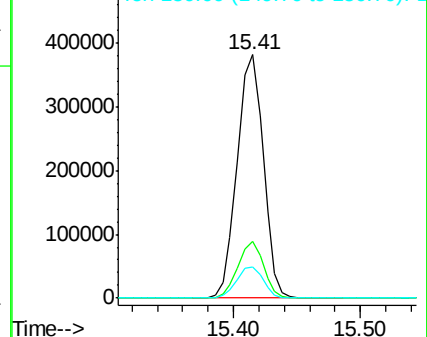


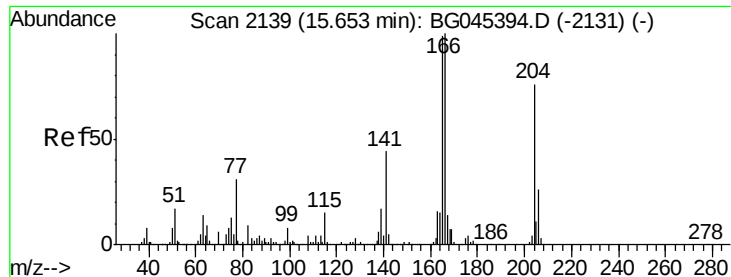
#60
Diethylphthalate
Concen: 42.892 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:149	Resp:	545230
Ion Ratio	Lower	Upper
149	100	
177	23.5	19.0 28.4
150	12.6	11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

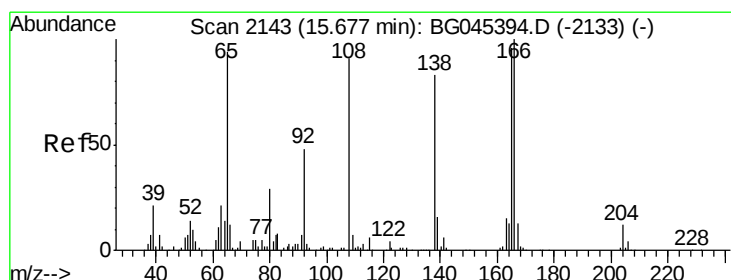
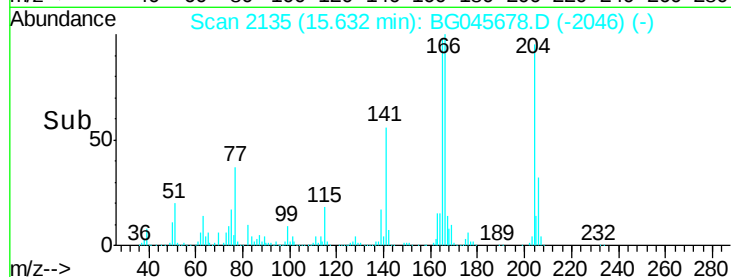
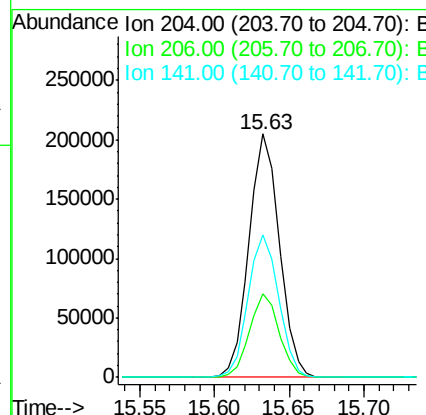
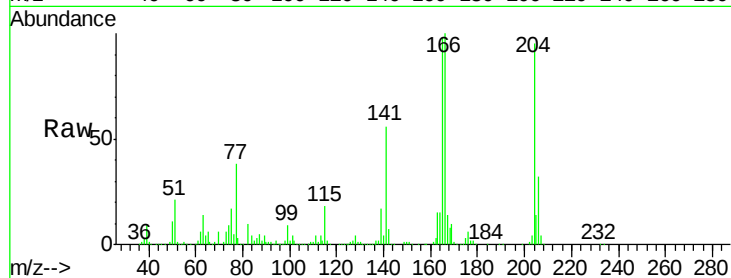




#61
4-Chlorophenyl-phenylether
Concen: 43.193 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

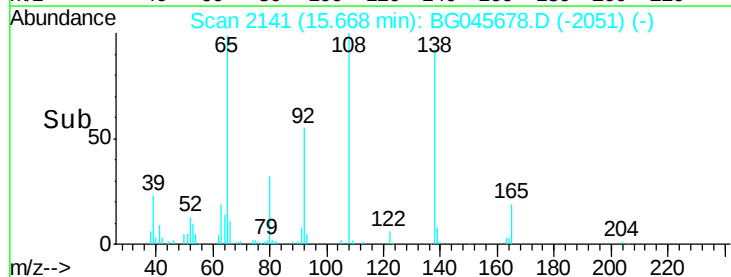
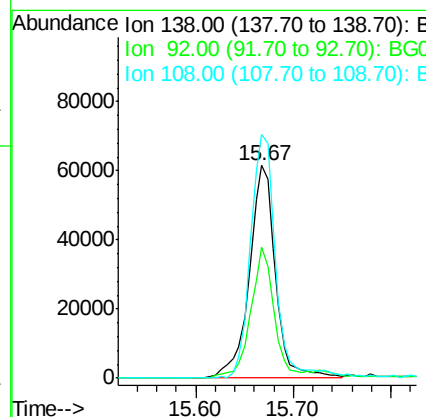
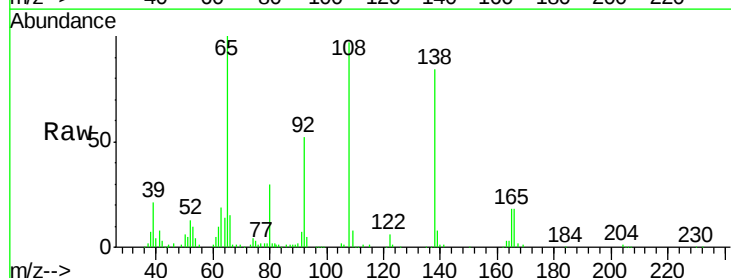
Instrument :
BNA_G
ClientSampleId :
GENMSD

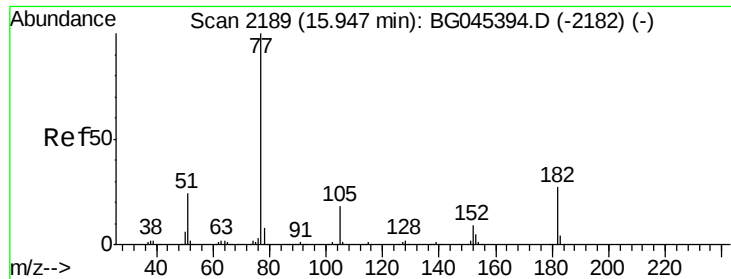
Tot Ion:204 Resp: 288010
Ion Ratio Lower Upper
204 100
206 34.1 27.3 40.9
141 58.5 45.9 68.9



#62
4-Nitroaniline
Concen: 39.683 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:138 Resp: 116055
Ion Ratio Lower Upper
138 100
92 61.3 38.0 78.0
108 114.5 89.3 129.3





#63

Azobenzene

Concen: 44.858 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

Tot Ion: 77 Resp: 531697

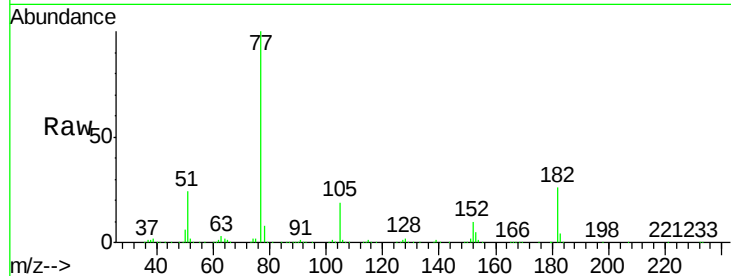
Ion Ratio Lower Upper

77 100

182 25.6 6.5 46.5

105 18.9 0.0 37.9

51 24.4 4.1 44.1

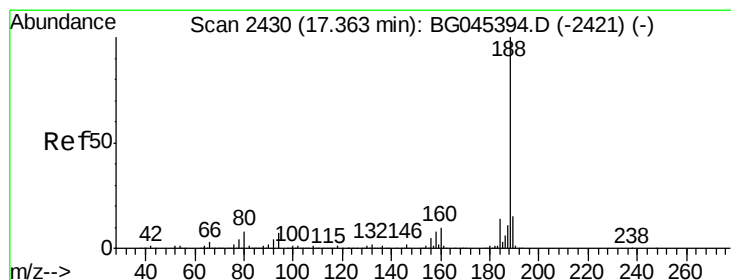
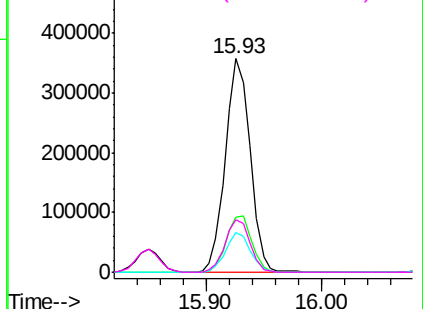
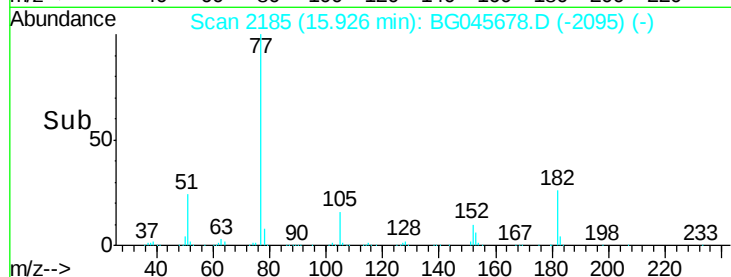


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

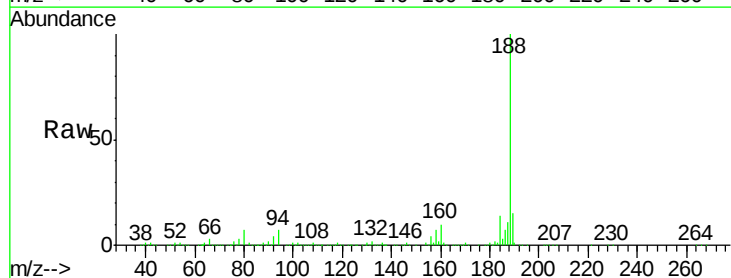
Tgt Ion: 188 Resp: 413895

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

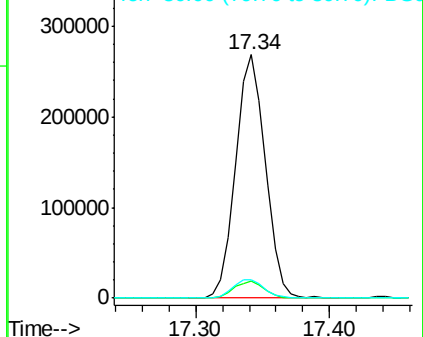
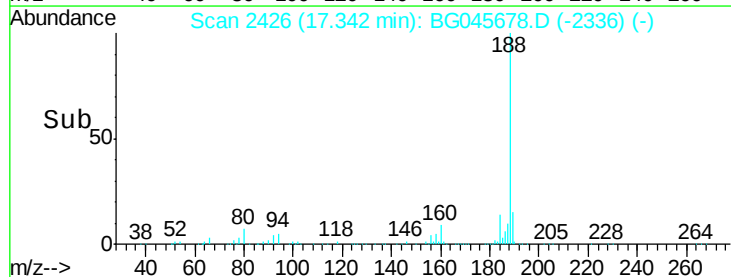
80 7.5 6.6 10.0

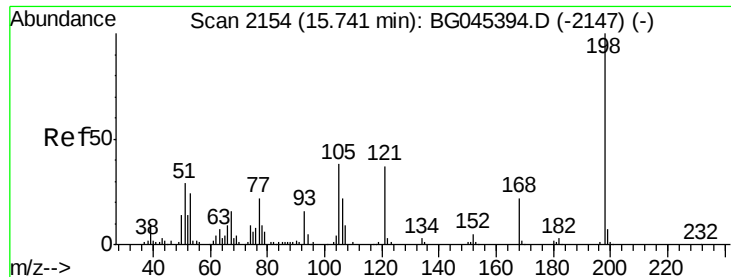


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.898 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

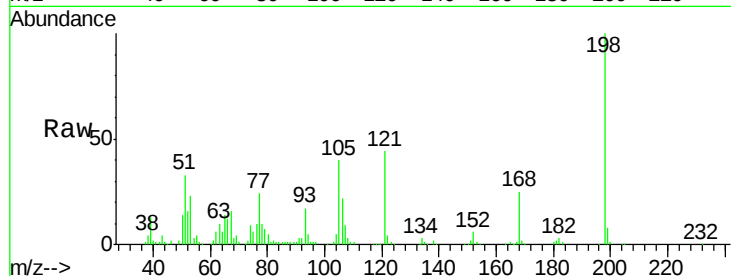
Tot Ion:198 Resp: 105816

Ion Ratio Lower Upper

198 100

51 32.6 10.0 50.0

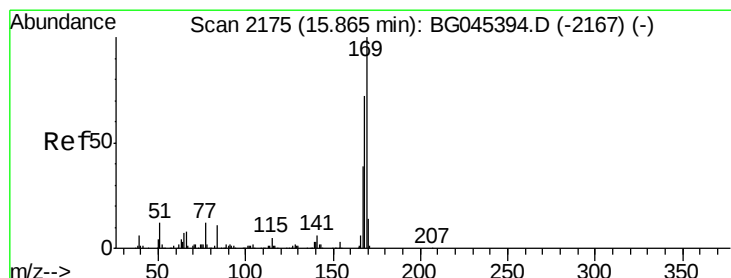
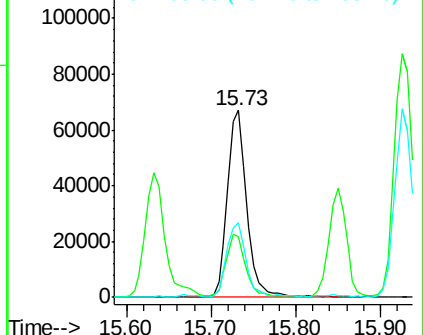
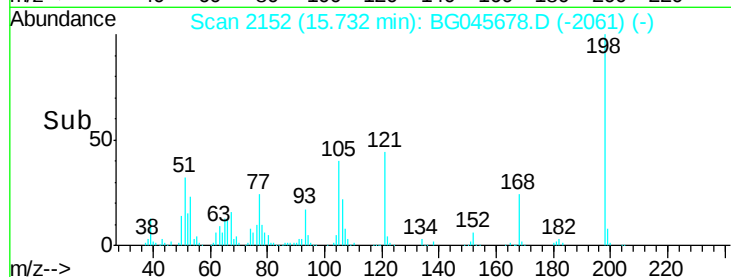
105 40.2 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.072 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

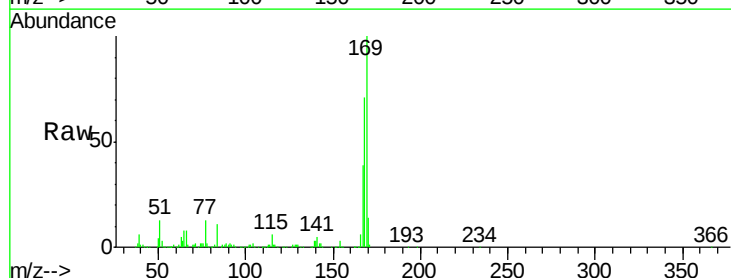
Tgt Ion:169 Resp: 457845

Ion Ratio Lower Upper

169 100

168 70.5 57.8 86.6

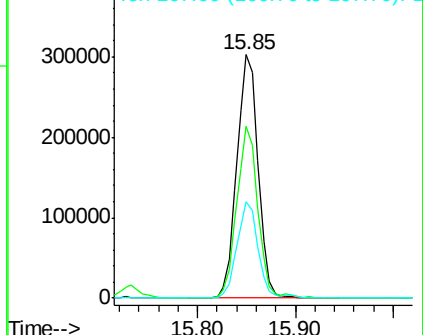
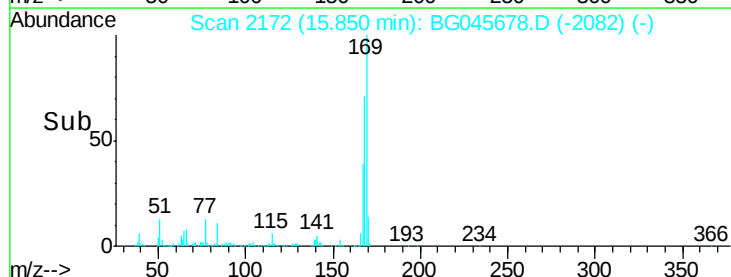
167 39.4 31.5 47.3

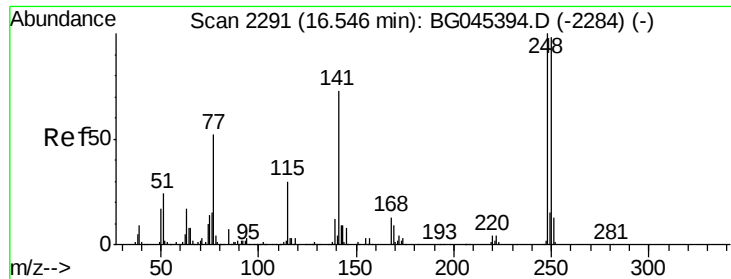


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

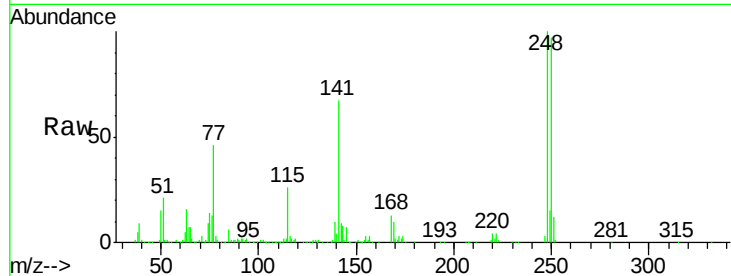




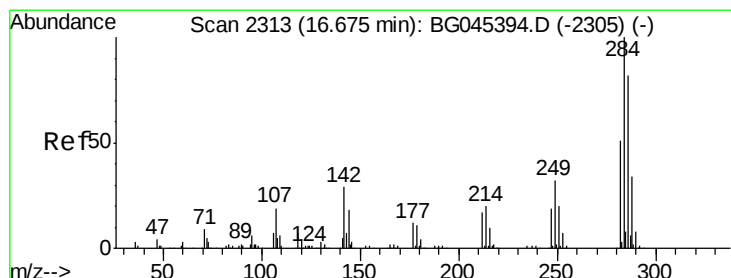
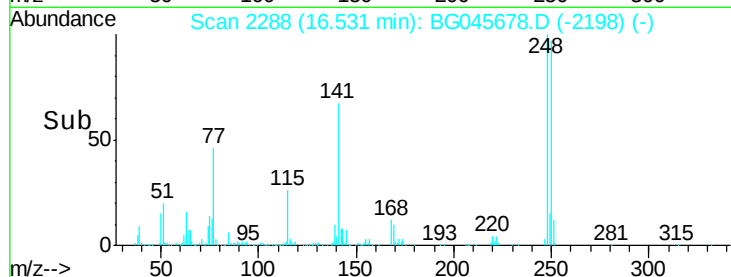
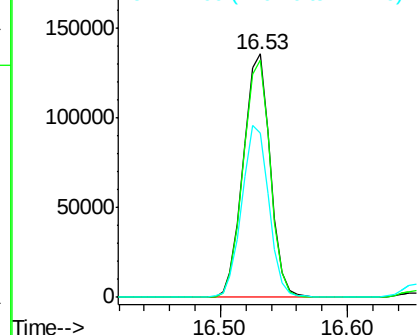
#67
4-Bromophenyl-phenylether
Concen: 44.335 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Instrument :
BNA_G
ClientSampled :
GENMSD

Tot Ion:248 Resp: 198700
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 67.4 58.2 87.2

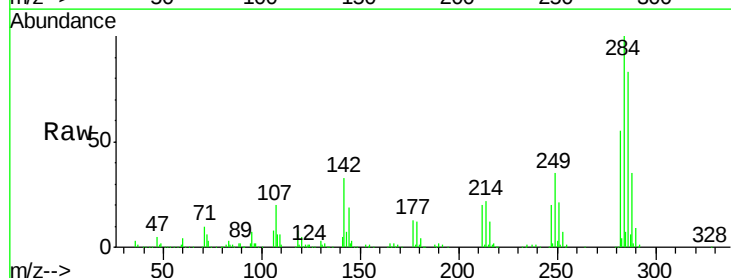


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

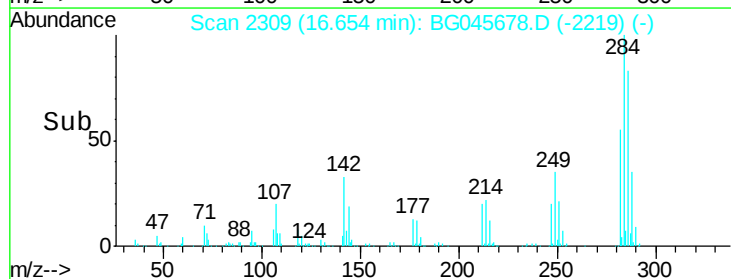
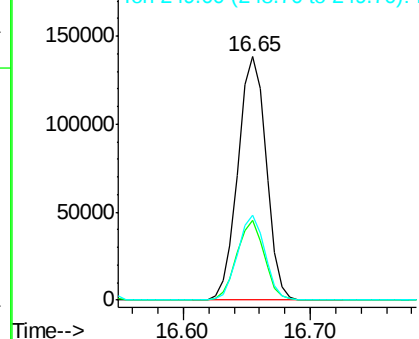


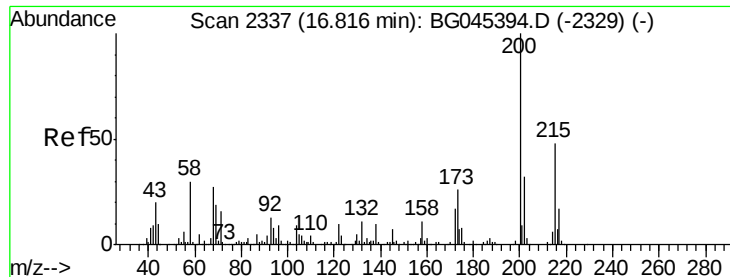
#68
Hexachlorobenzene
Concen: 45.233 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:284 Resp: 212033
Ion Ratio Lower Upper
284 100
142 32.7 23.0 34.6
249 34.6 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: 42.787 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

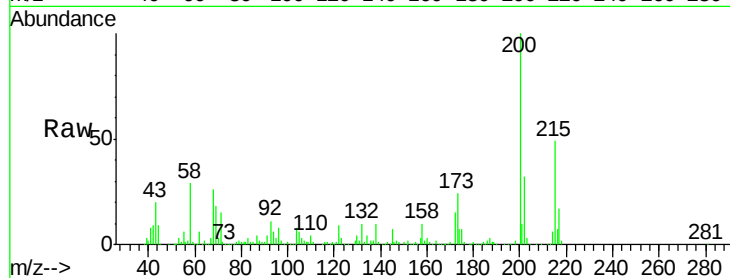
Tot Ion:200 Resp: 175134

Ion Ratio Lower Upper

200 100

173 24.0 5.5 45.5

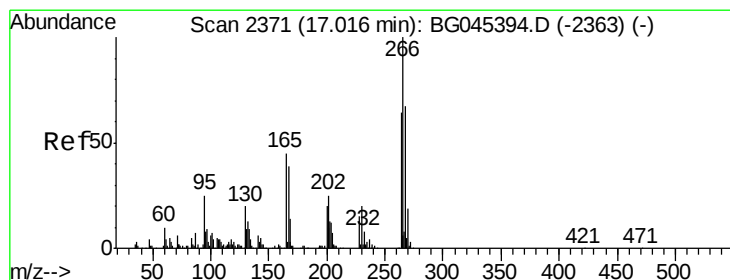
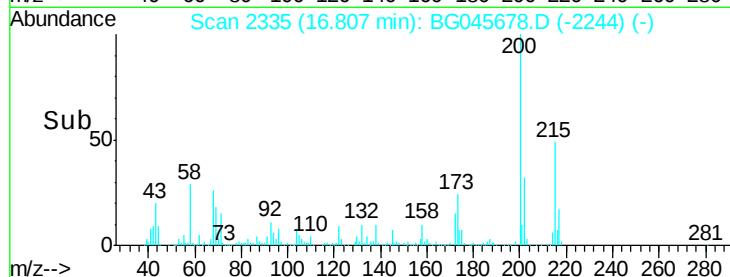
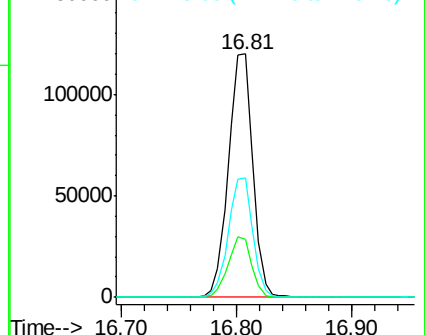
215 49.1 28.2 68.2



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: 87.290 ng

RT: 17.00 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

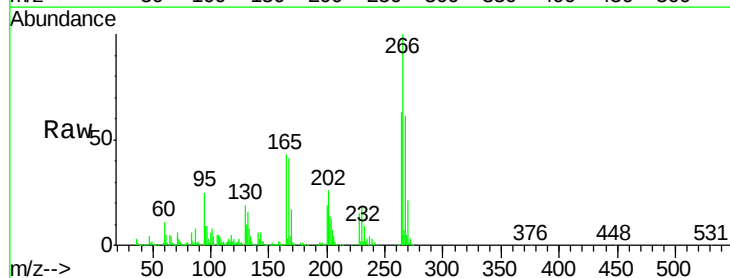
Tgt Ion:266 Resp: 212463

Ion Ratio Lower Upper

266 100

268 61.1 53.2 79.8

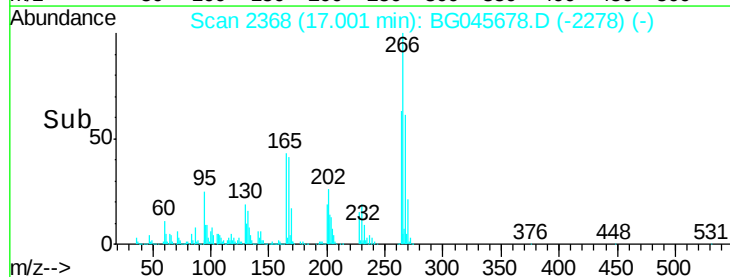
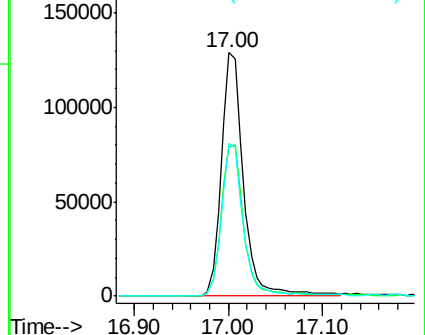
264 63.0 51.0 76.4

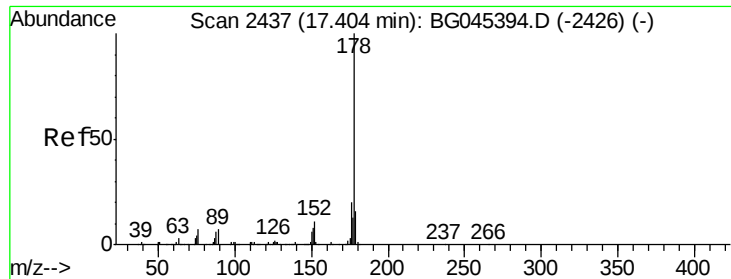


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

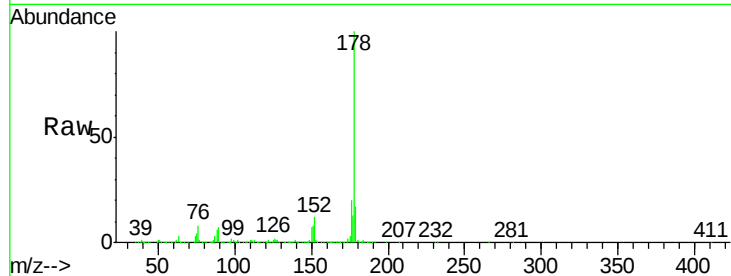




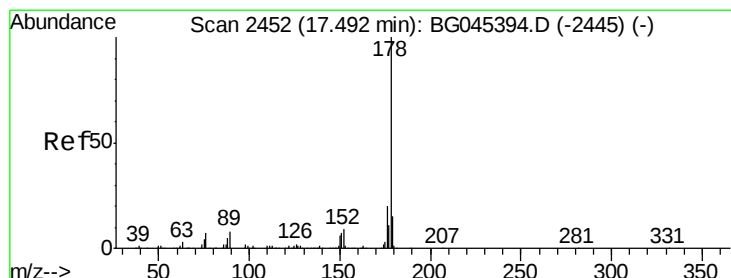
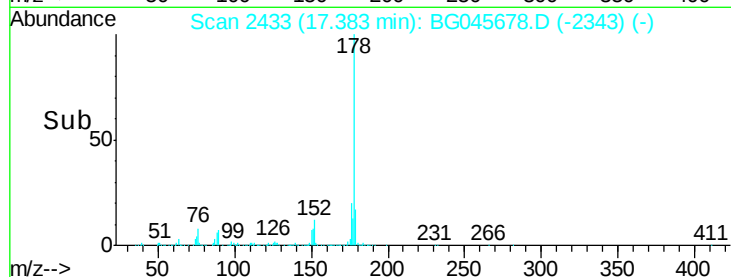
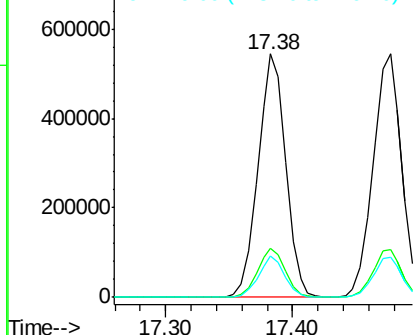
#71
Phenanthrene
Concen: 45.698 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Instrument :
BNA_G
ClientSampleId :
GENMSD

Tot Ion:178 Resp: 825714
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 17.0 13.1 19.7

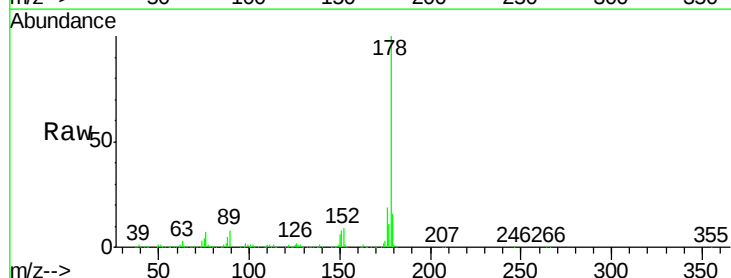


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

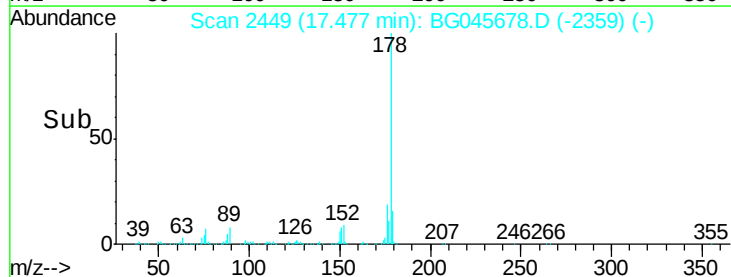
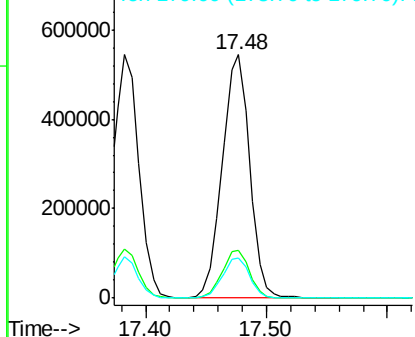


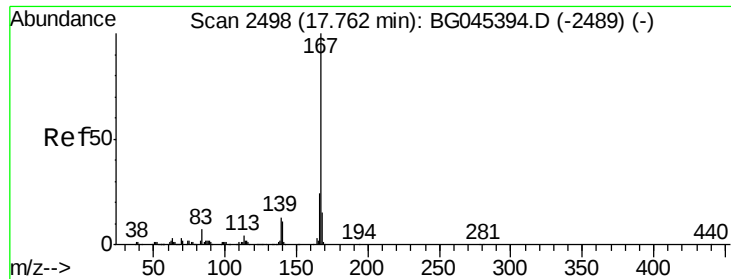
#72
Anthracene
Concen: 46.914 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:178 Resp: 851262
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 16.4 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

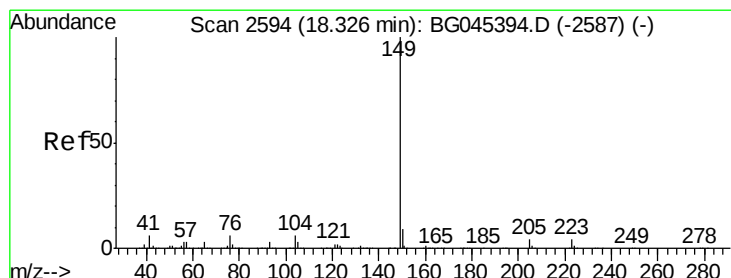
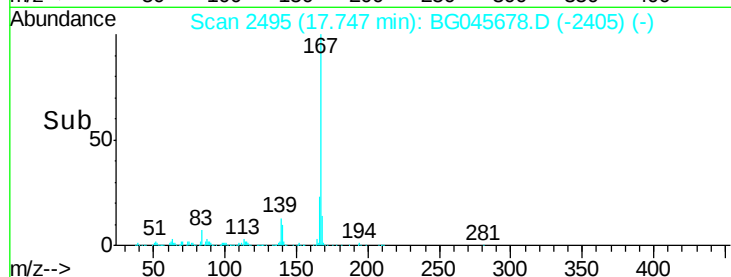
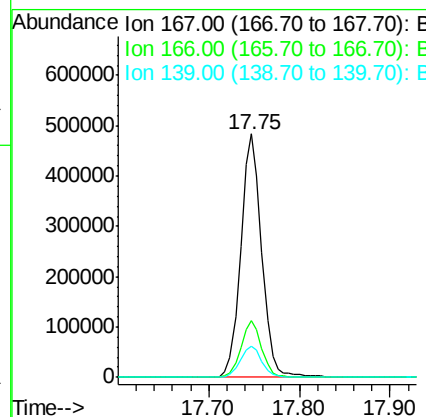
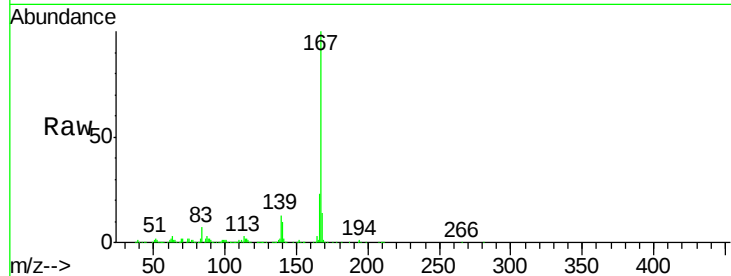




#73
 Carbazole
 Concen: 44.046 ng
 RT: 17.75 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

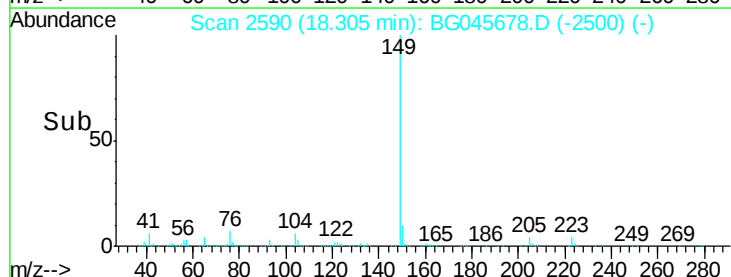
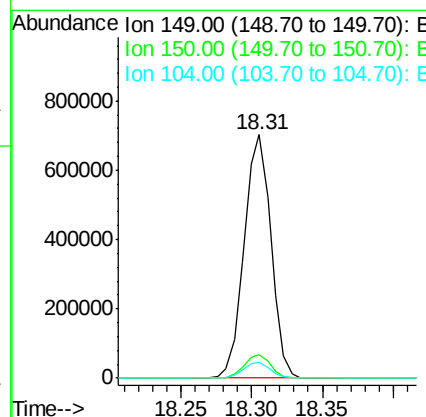
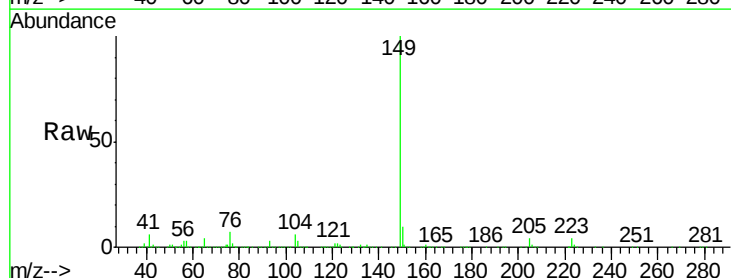
Instrument :
 BNA_G
 ClientSampleId :
 GENMSD

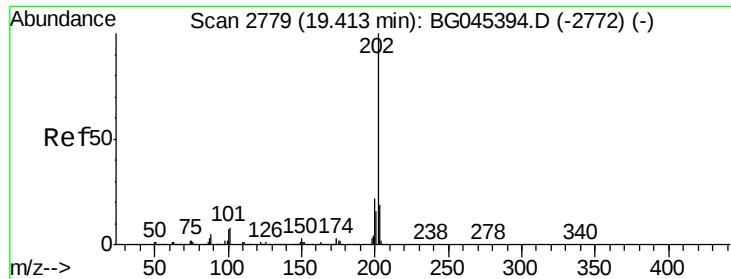
Tot Ion:167 Resp: 779062
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.2 28.8
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.890 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

Tgt Ion:149 Resp: 931760
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 6.4 5.0 7.4

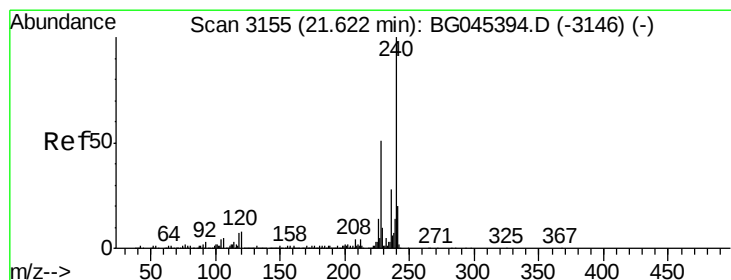
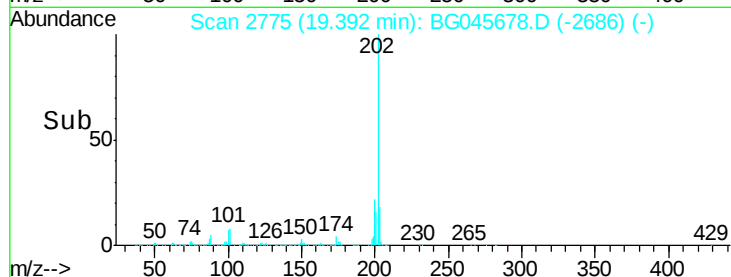
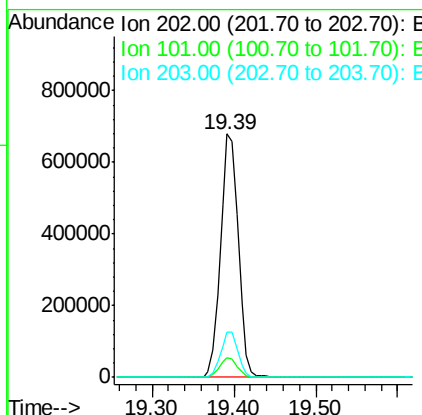
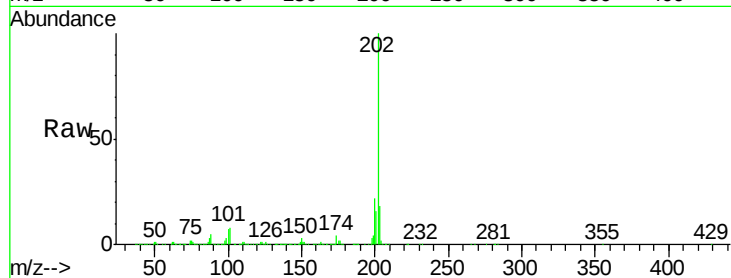




#75
 Fluoranthene
 Concen: 44.611 ng
 RT: 19.39 min Scan# 2775
 Delta R.T. -0.01 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

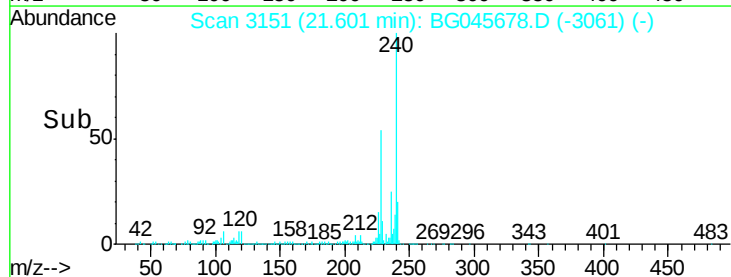
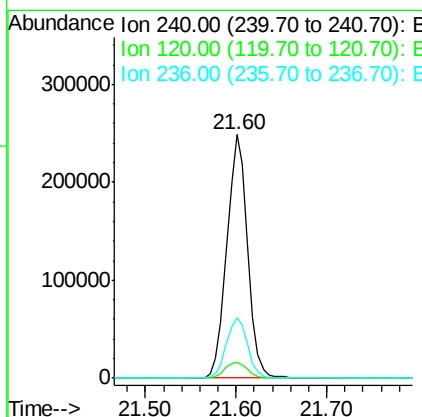
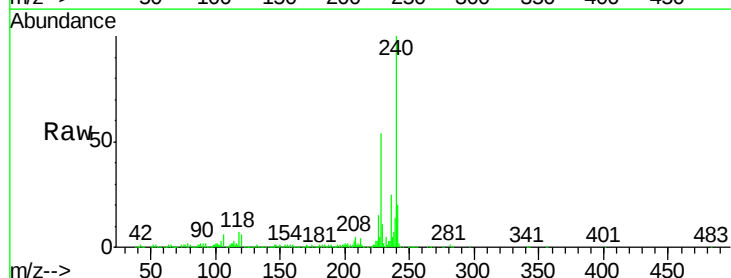
Instrument :
 BNA_G
 ClientSampleId :
 GENMSD

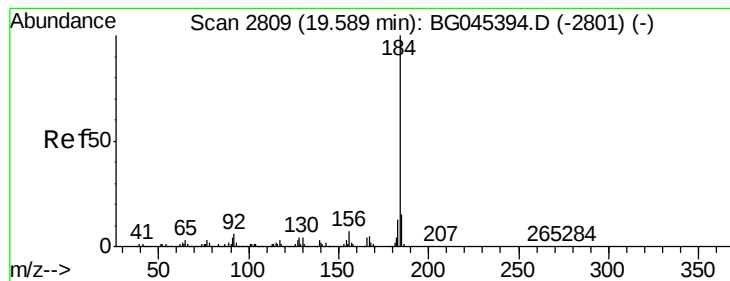
Tot Ion:202 Resp: 1025269
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 28.3
 203 18.5 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG045678.D
 Acq: 10 Jun 2020 3:15

Tgt Ion:240 Resp: 393934
 Ion Ratio Lower Upper
 240 100
 120 6.5 6.1 9.1
 236 25.1 22.3 33.5





#77

Benzidine

Concen: 30.549 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

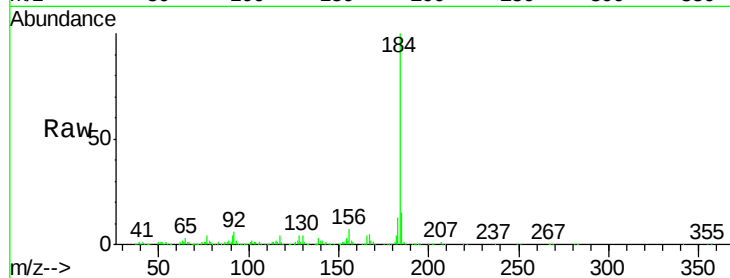
Tot Ion:184 Resp: 337987

Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

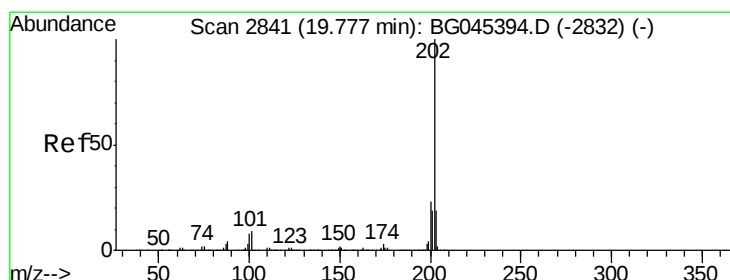
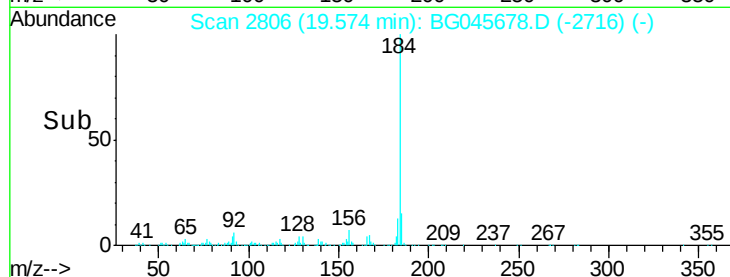
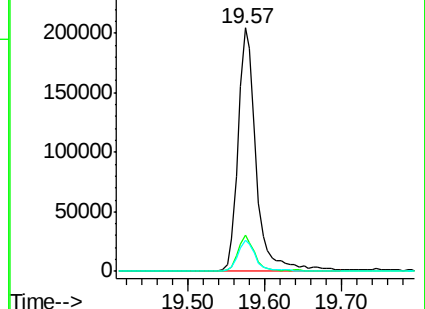
183 12.8 10.2 15.4



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: 45.642 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

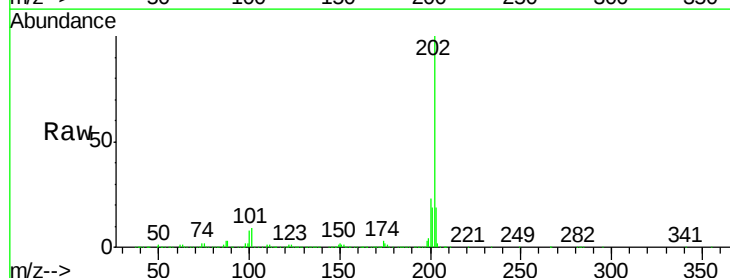
Tgt Ion:202 Resp: 1024922

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

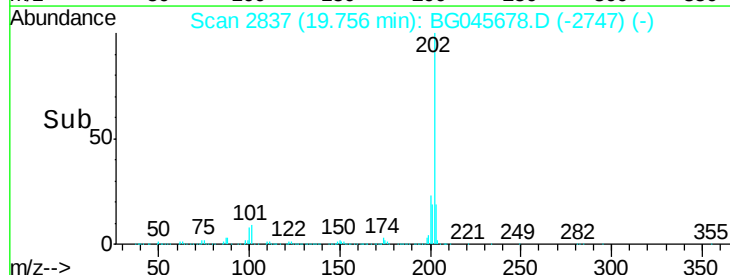
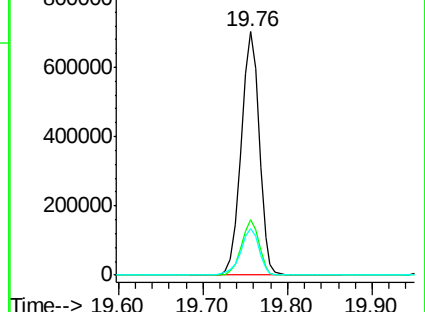
203 18.9 15.1 22.7

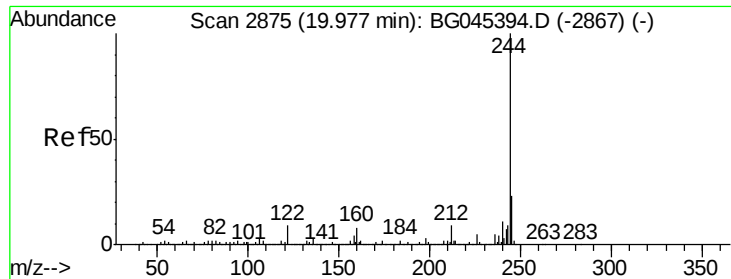


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.460 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

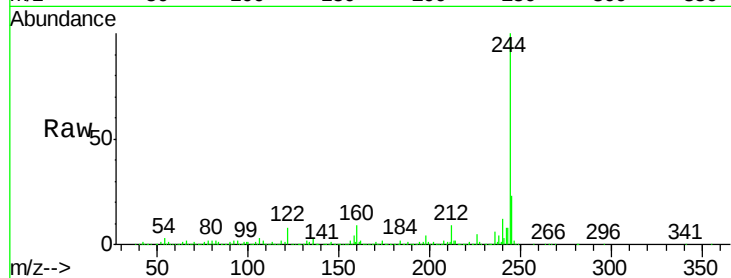
Tot Ion:244 Resp: 1629242

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

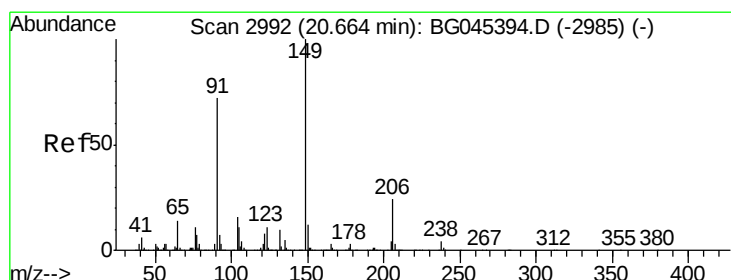
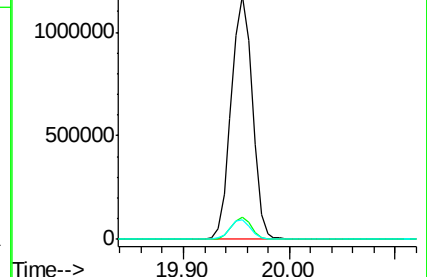
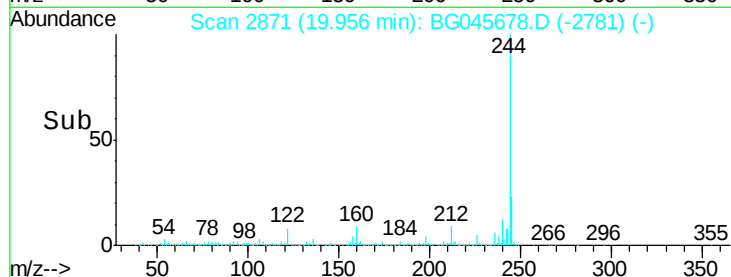
122 8.3 6.8 10.2



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: 43.113 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

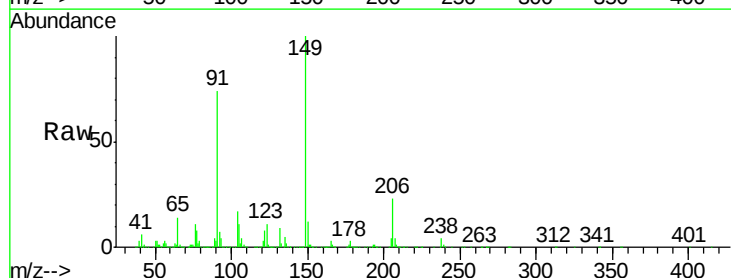
Tgt Ion:149 Resp: 417885

Ion Ratio Lower Upper

149 100

91 73.9 57.8 86.6

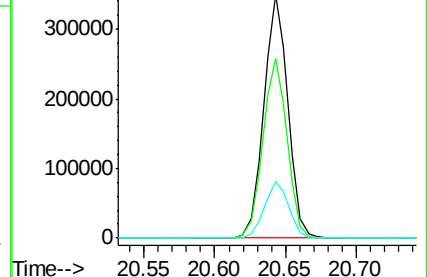
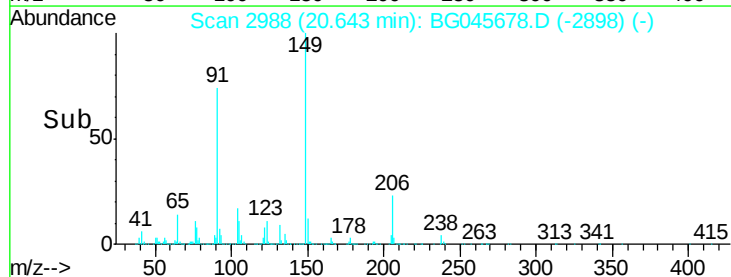
206 23.5 19.1 28.7

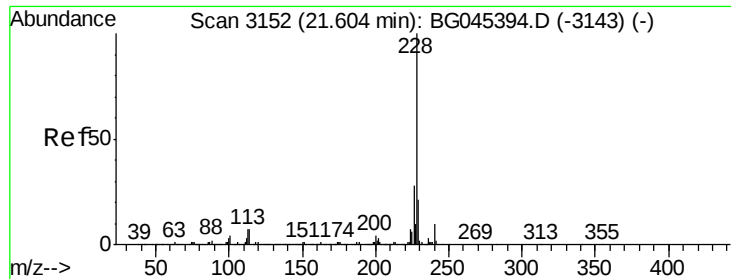


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.340 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

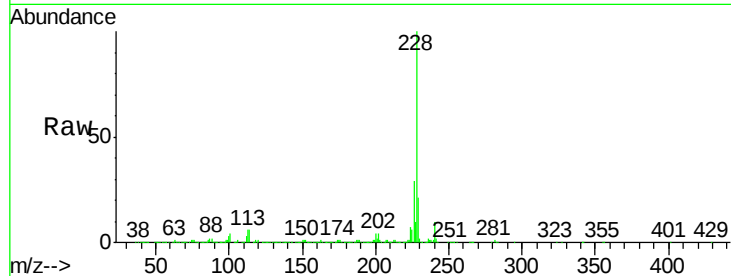
Tot Ion:228 Resp: 994984

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

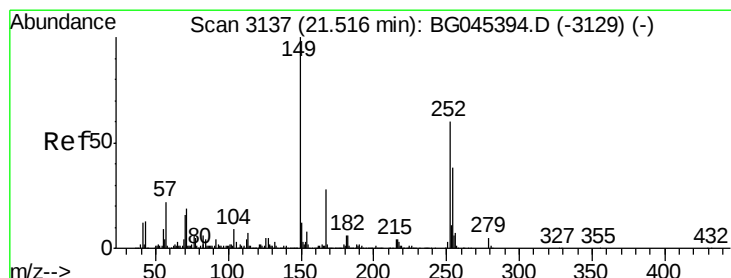
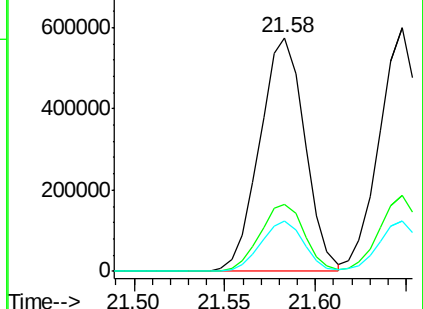
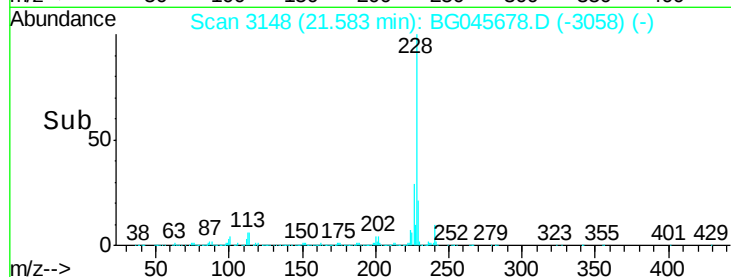
229 21.3 16.7 25.1



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: 22.276 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

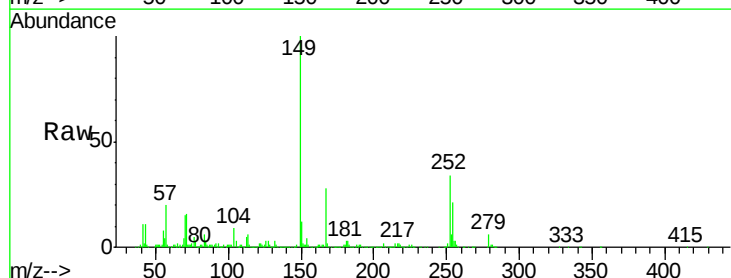
Tgt Ion:252 Resp: 191753

Ion Ratio Lower Upper

252 100

254 61.8 51.3 76.9

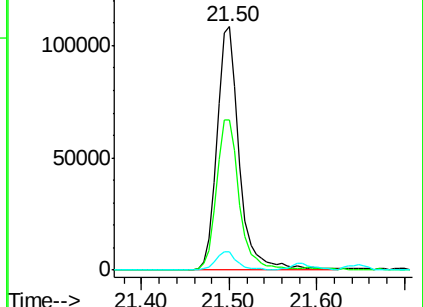
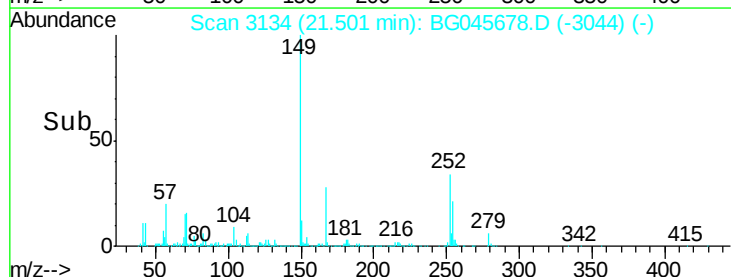
126 7.7 6.6 10.0

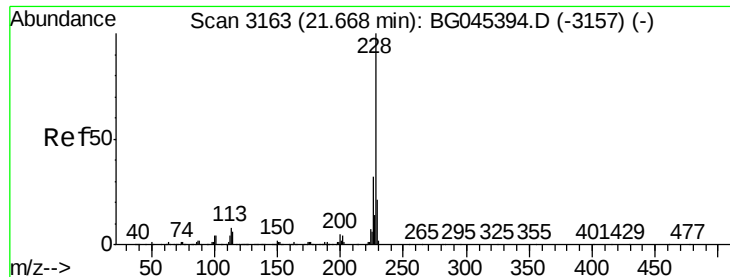


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.070 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

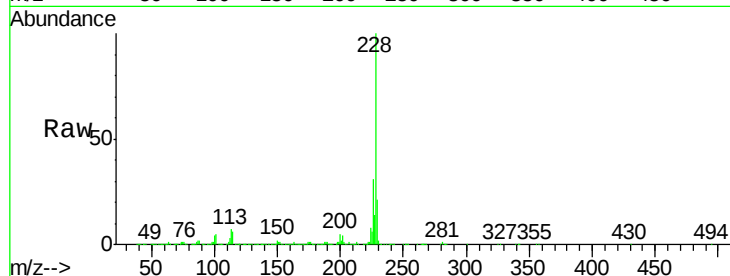
BNA_G

ClientSampleId :

GENMSD

Tot Ion:228 Resp: 951018

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.2	37.8
229	20.6	16.7	25.1

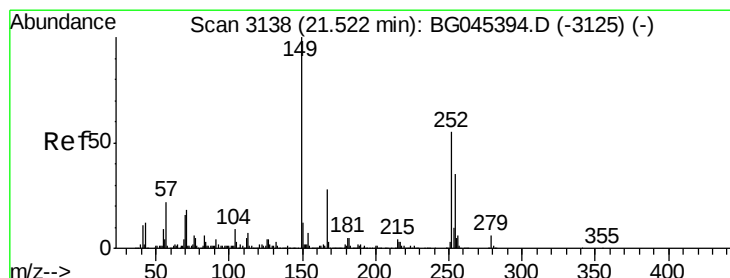
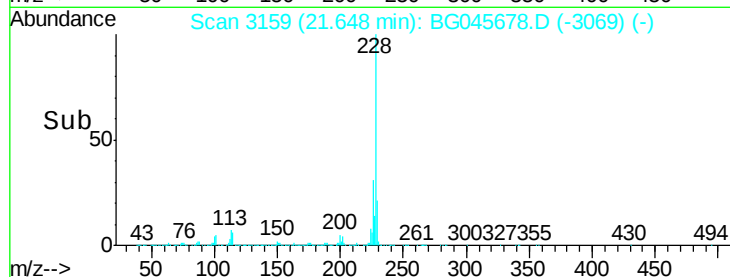
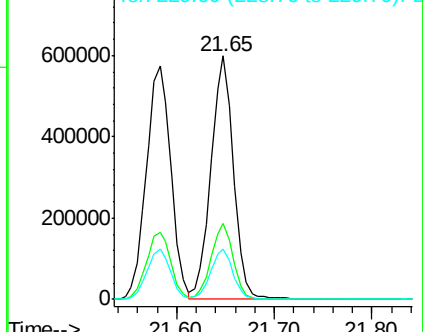


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.415 ng

RT: 21.49 min Scan# 3133

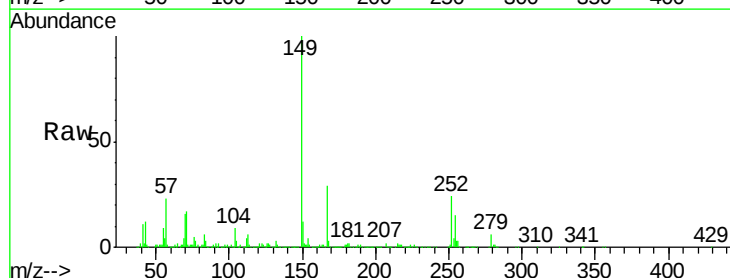
Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Tgt Ion:149 Resp: 578449

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.2
279	5.5	4.7	7.1

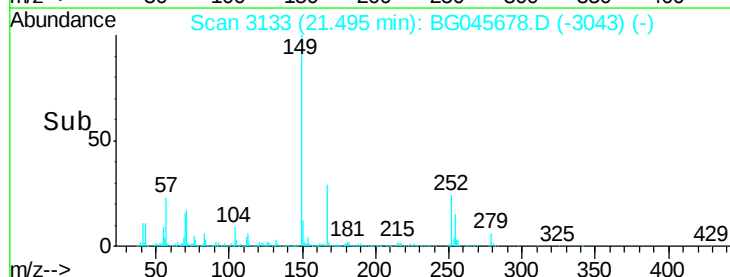
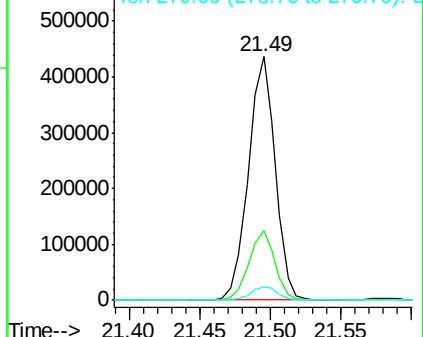


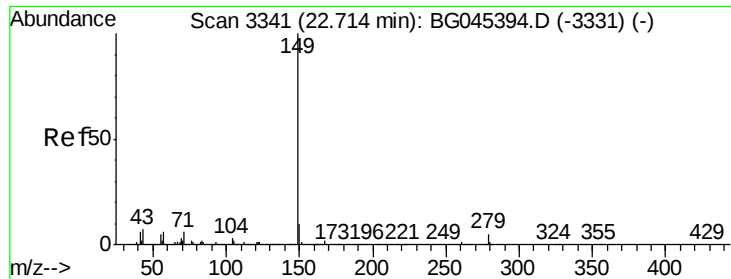
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.374 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

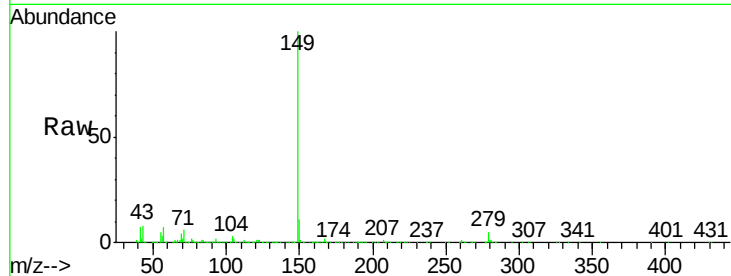
Tot Ion:149 Resp: 992562

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

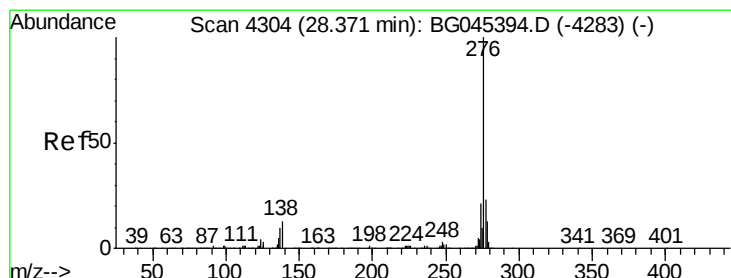
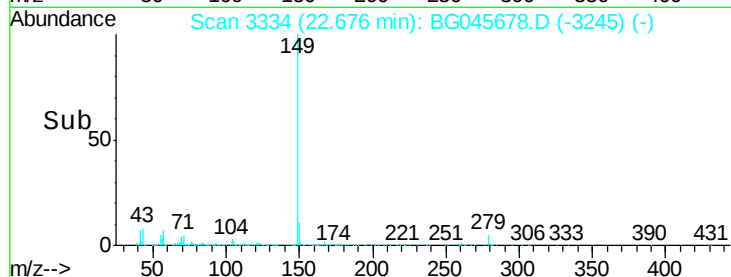
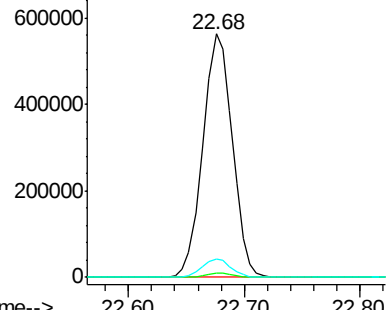
43 7.3 5.8 8.8



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.294 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

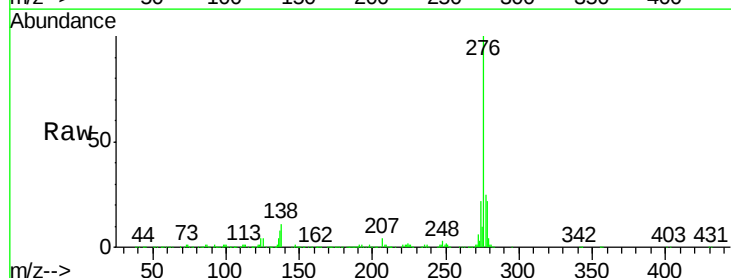
Tgt Ion:276 Resp: 1222206

Ion Ratio Lower Upper

276 100

138 9.7 8.6 12.8

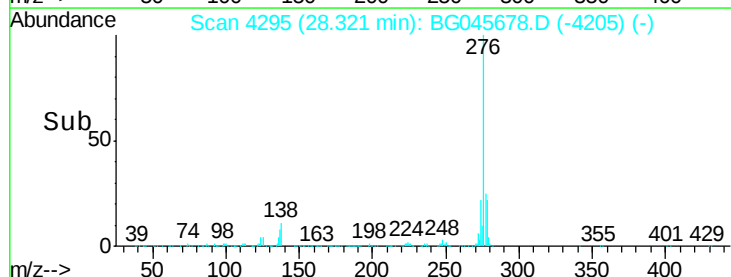
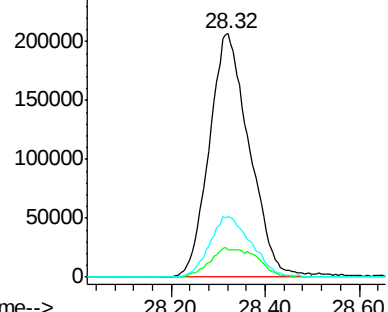
277 25.7 20.2 30.4

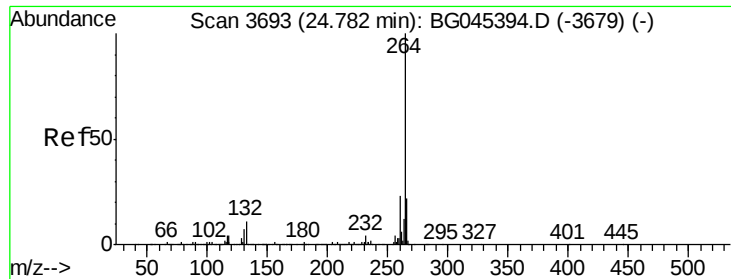


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA_G

ClientSampleId :

GENMSD

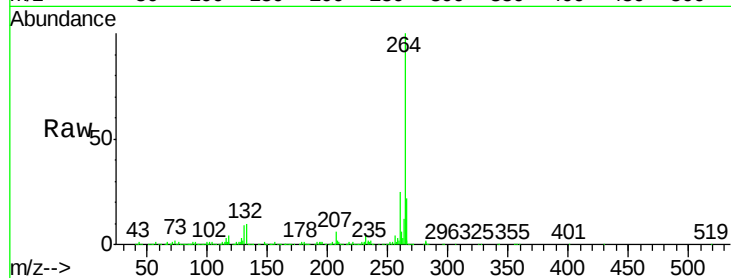
Tot Ion:264 Resp: 429960

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

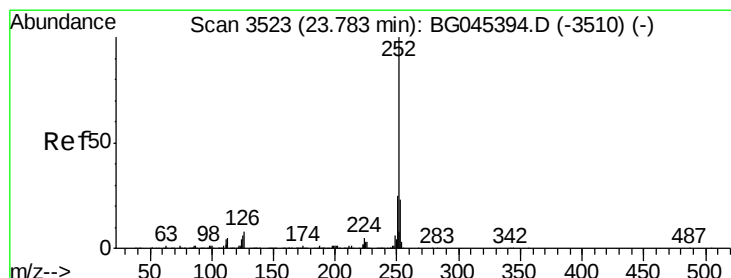
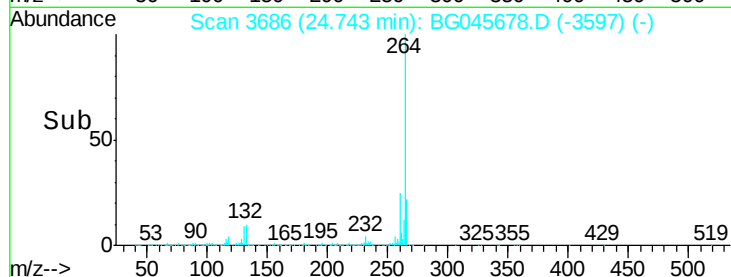
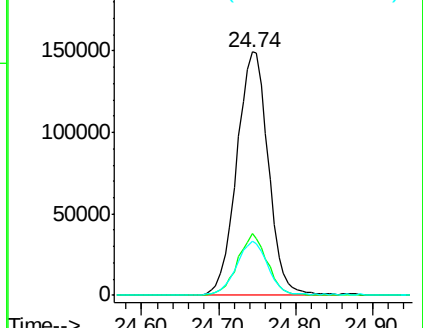
265 22.4 17.6 26.4



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: 46.055 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

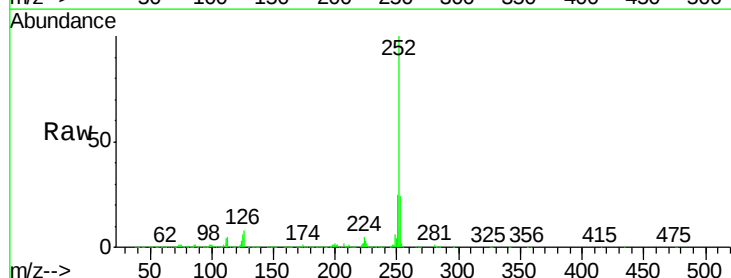
Tgt Ion:252 Resp: 1062000

Ion Ratio Lower Upper

252 100

253 24.4 18.1 27.1

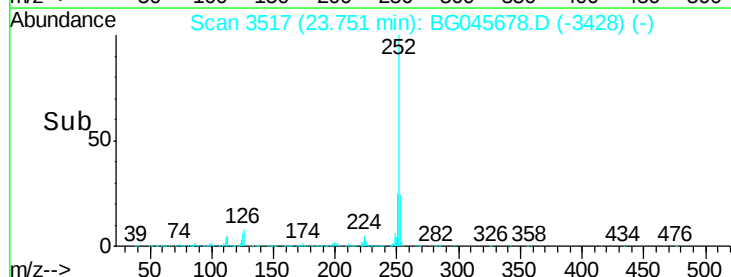
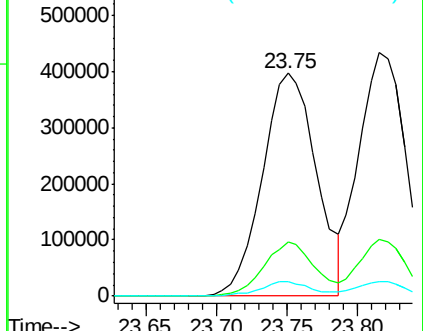
125 6.4 5.0 7.6

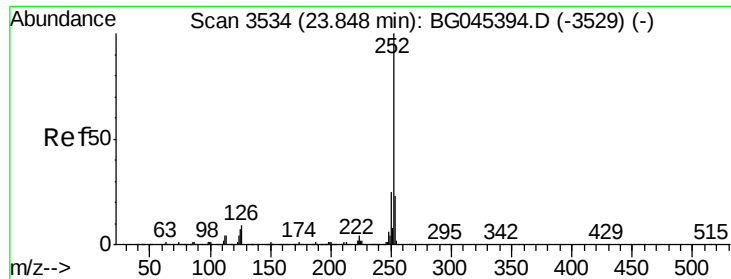


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

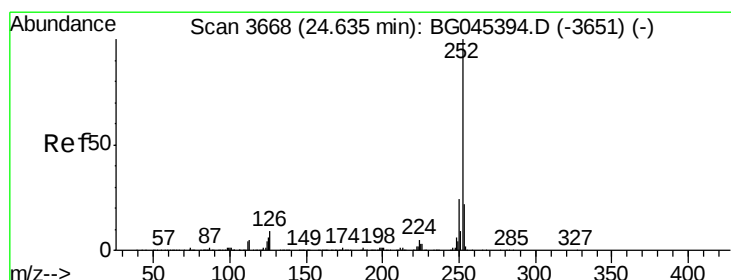
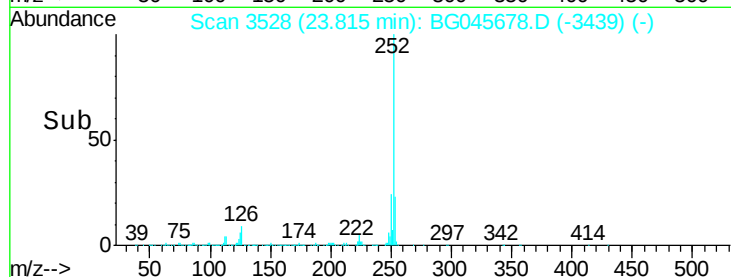
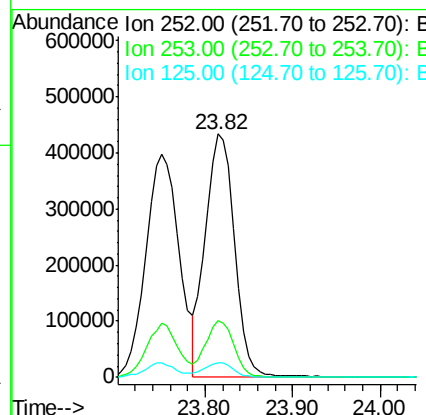
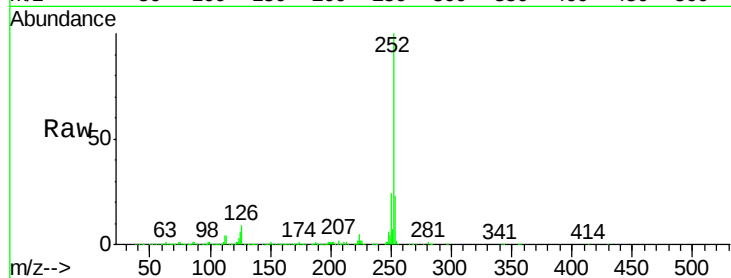




#89
Benzo(k)fluoranthene
Concen: 46.573 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

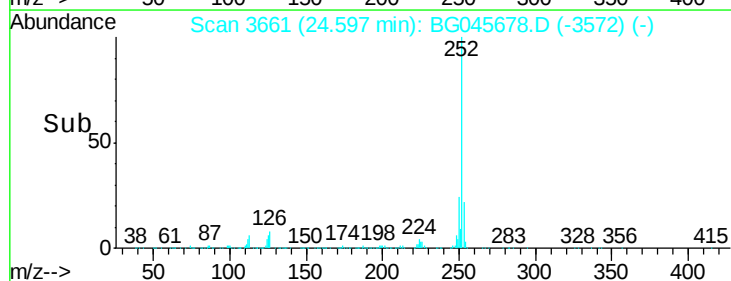
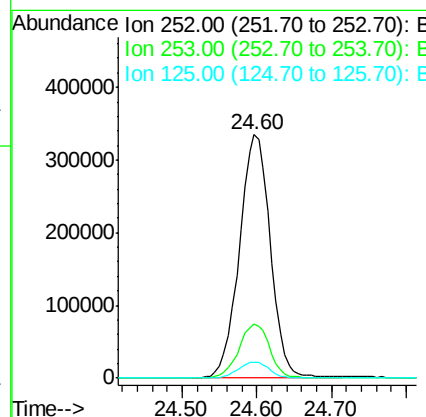
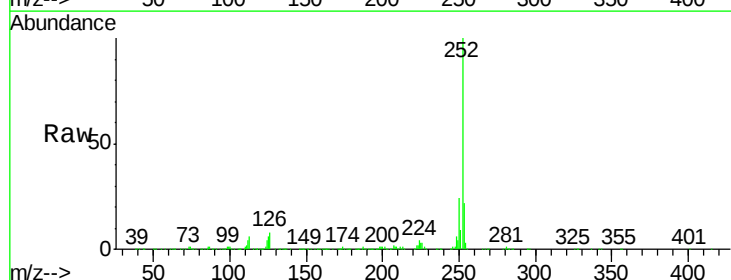
Instrument :
BNA_G
ClientSampleId :
GENMSD

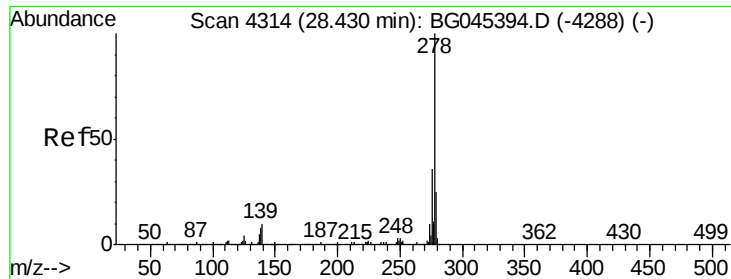
Tot Ion:252 Resp: 1008941
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 6.1 5.7 8.5



#90
Benzo(a)pyrene
Concen: 44.760 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:252 Resp: 961260
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 6.5 5.0 7.6

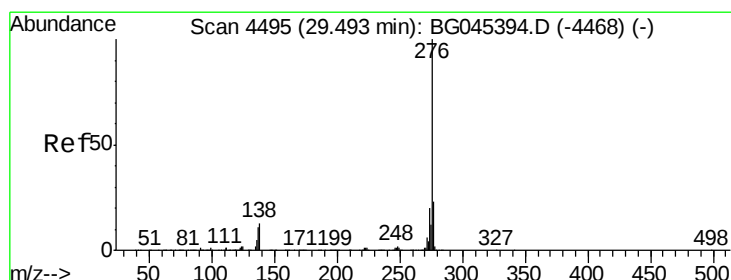
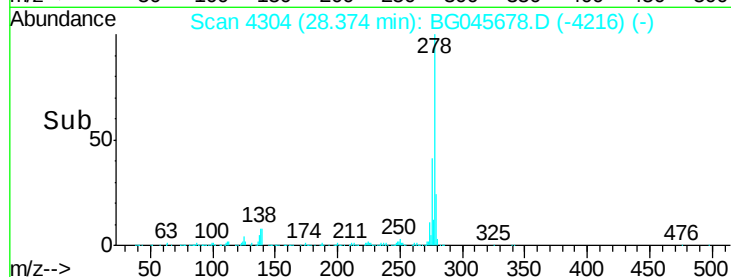
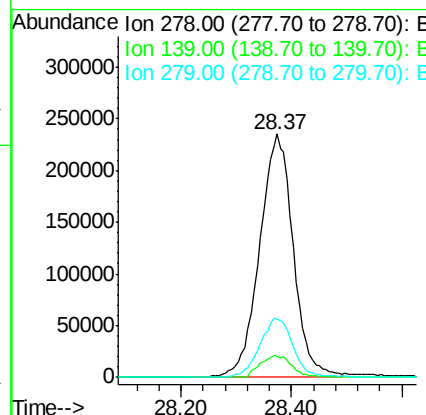
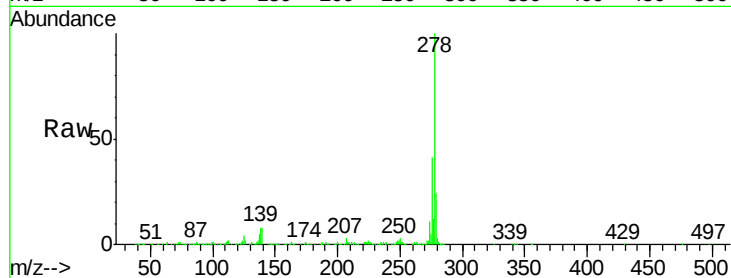




#91
Dibenzo(a,h)anthracene
Concen: 46.025 ng
RT: 28.37 min Scan# 4304
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Instrument :
BNA_G
ClientSampleId :
GENMSD

Tot Ion:278 Resp: 993258
Ion Ratio Lower Upper
278 100
139 8.5 7.8 11.8
279 23.8 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 46.442 ng
RT: 29.43 min Scan# 4484
Delta R.T. -0.01 min
Lab File: BG045678.D
Acq: 10 Jun 2020 3:15

Tgt Ion:276 Resp: 1002399
Ion Ratio Lower Upper
276 100
277 24.2 18.1 27.1
138 12.5 10.2 15.4

