

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045732.D
 Acq On : 11 Jun 2020 22:19
 Operator : CG/JU
 Sample : L2810-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

Quant Time: Jun 12 02:30:44 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	7.94	152	43996	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	181187	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	132927	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	327466	20.00	ng	0.00
76) Chrysene-d12	21.60	240	302864	20.00	ng	0.00
87) Perylene-d12	24.74	264	340790	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	336698	149.56	ng	0.00
7) Phenol-d6	7.14	99	418146	130.50	ng	-0.01
23) Nitrobenzene-d5	9.10	82	366100	110.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	286465	168.51	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	839829	107.17	ng	0.00
79) Terphenyl-d14	19.95	244	1512971	116.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	42581	38.143	ng	# 49
3) Pyridine	3.81	79	123825	39.826	ng	95
4) n-Nitrosodimethylamine	3.71	42	54976	54.036	ng	84
6) Aniline	7.27	93	126740	30.300	ng	100
8) 2-Chlorophenol	7.52	128	144108	58.372	ng	99
9) Benzaldehyde	7.08	77	89979	43.101	ng	99
10) Phenol	7.16	94	155454	47.074	ng	95
11) bis(2-Chloroethyl)ether	7.36	93	136751	53.090	ng	93
12) 1,3-Dichlorobenzene	7.83	146	148523	50.062	ng	96
13) 1,4-Dichlorobenzene	7.98	146	152465	52.075	ng	95
14) 1,2-Dichlorobenzene	8.30	146	144058	51.158	ng	98
15) Benzyl Alcohol	8.19	79	149488	56.475	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	126411	51.701	ng	99
17) 2-Methylphenol	8.40	107	126271	51.085	ng	97
18) Hexachloroethane	9.03	117	59258	52.846	ng	95
19) n-Nitroso-di-n-propylamine	8.75	70	128369	57.935	ng	98
20) 3+4-Methylphenols	8.74	107	167023	49.622	ng	93
22) Acetophenone	8.77	105	227042	52.870	ng	# 97
24) Nitrobenzene	9.15	77	196383	55.167	ng	97
25) Isophorone	9.67	82	355883	54.387	ng	99
26) 2-Nitrophenol	9.86	139	82806	54.376	ng	97
27) 2,4-Dimethylphenol	9.94	122	134552	59.573	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	190929	55.638	ng	99
29) 2,4-Dichlorophenol	10.41	162	150704	56.504	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	166568	52.852	ng	96
31) Naphthalene	10.80	128	457078	54.136	ng	98
32) Benzoic acid	10.10	122	49594	35.567	ng	94
33) 4-Chloroaniline	10.92	127	28961	8.206	ng	97
34) Hexachlorobutadiene	11.09	225	113948	51.149	ng	99
35) Caprolactam	11.69	113	39980	40.839	ng	93
36) 4-Chloro-3-methylphenol	12.06	107	179650	59.775	ng	95
37) 2-Methylnaphthalene	12.41	142	353056	56.103	ng	95
38) 1-Methylnaphthalene	12.63	142	338102	56.876	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	198294	53.408	ng	99

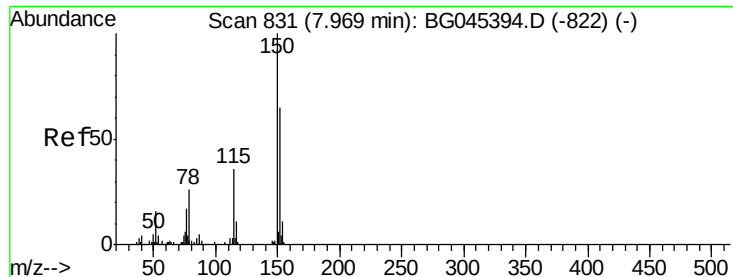
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	194915	90.954	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	142746	55.345	nq	99
44) 2,4,5-Trichlorophenol	13.11	196	152242	51.654	nq	99
46) 1,1'-Biphenyl	13.42	154	452316	55.378	nq	99
47) 2-Chloronaphthalene	13.46	162	353299	53.268	nq	98
48) 2-Nitroaniline	13.67	65	122890	56.327	nq	94
49) Acenaphthylene	14.31	152	585988	55.004	nq	98
50) Dimethylphthalate	14.04	163	610009	66.897	nq	97
51) 2,6-Dinitrotoluene	14.16	165	114472	55.633	nq	97
52) Acenaphthene	14.65	154	356157	49.943	nq	98
53) 3-Nitroaniline	14.50	138	42776	20.451	nq	92
54) 2,4-Dinitrophenol	14.71	184	132817	97.272	nq	93
55) Dibenzofuran	14.99	168	578383	54.616	nq	95
56) 4-Nitrophenol	14.84	139	127599	80.575	nq	87
57) 2,4-Dinitrotoluene	14.95	165	164333	55.145	nq	96
58) Fluorene	15.64	166	496526	57.070	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	148791	57.382	nq	96
60) Diethylphthalate	15.41	149	525083	55.324	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	272817	54.798	nq	99
62) 4-Nitroaniline	15.67	138	111164	50.908	nq	95
63) Azobenzene	15.92	77	508182	57.422	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	107741	56.493	nq	96
66) n-Nitrosodiphenylamine	15.85	169	444622	56.550	nq	97
67) 4-Bromophenyl-phenylether	16.52	248	190778	53.802	nq	97
68) Hexachlorobenzene	16.65	284	207574	55.969	nq	97
69) Atrazine	16.80	200	171664	53.008	nq	95
70) Pentachlorophenol	17.00	266	202460	105.134	nq	96
71) Phenanthrene	17.38	178	807617	56.494	nq	99
72) Anthracene	17.47	178	816944	56.905	nq	99
73) Carbazole	17.74	167	759028	54.240	nq	99
74) Di-n-butylphthalate	18.30	149	904659	53.861	nq	100
75) Fluoranthene	19.39	202	1004357	55.235	nq	99
77) Benzidine	19.57	184	345434	40.610	nq	99
78) Pyrene	19.75	202	984944	57.050	nq	100
80) Butylbenzylphthalate	20.64	149	390439	52.394	nq	98
81) Benzo(a)anthracene	21.58	228	926997	54.944	nq	99
82) 3,3'-Dichlorobenzidine	21.49	252	172660	26.089	nq	98
83) Chrysene	21.64	228	890735	54.907	nq	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	548861	53.581	nq	100
85) Di-n-octyl phthalate	22.67	149	942086	53.547	nq	99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1199669	56.551	nq	# 97
88) Benzo(b)fluoranthene	23.75	252	1030151	56.363	nq	100
89) Benzo(k)fluoranthene	23.75	252	1030151	59.994	nq	98
90) Benzo(a)pyrene	24.59	252	927487	54.488	nq	98
91) Dibenzo(a,h)anthracene	28.37	278	978857	57.225	nq	98
92) Benzo(g,h,i)perylene	29.42	276	975315	57.011	nq	97

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

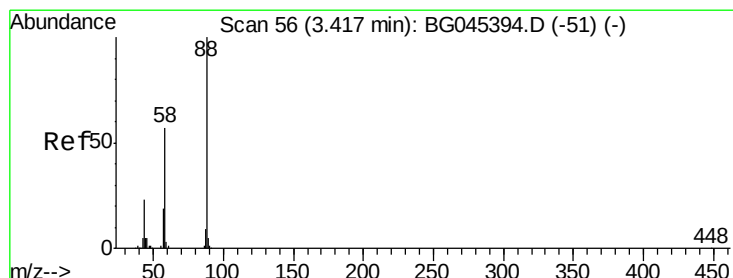
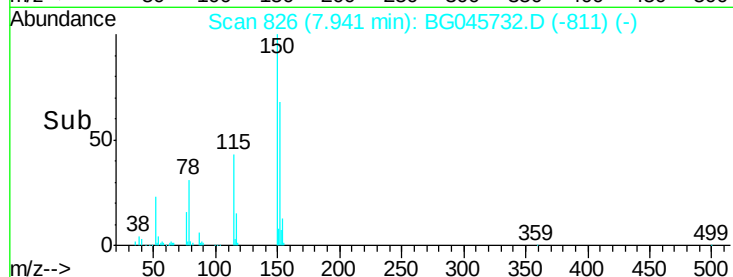
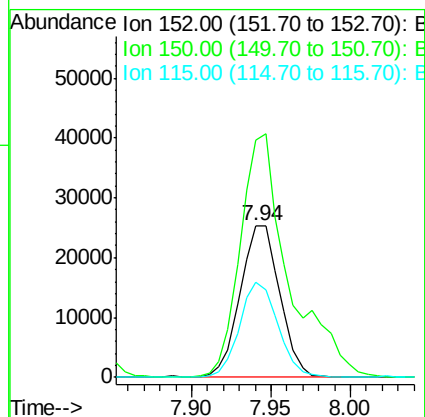
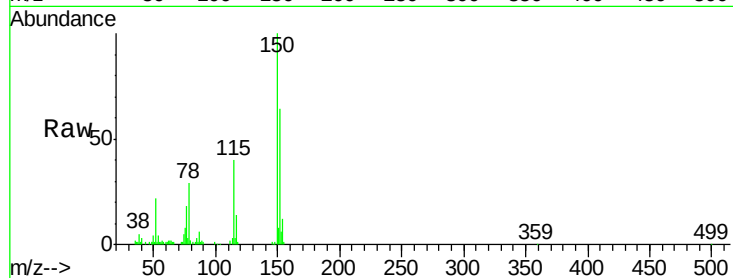


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

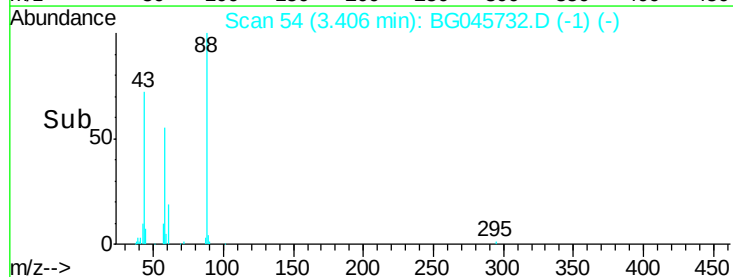
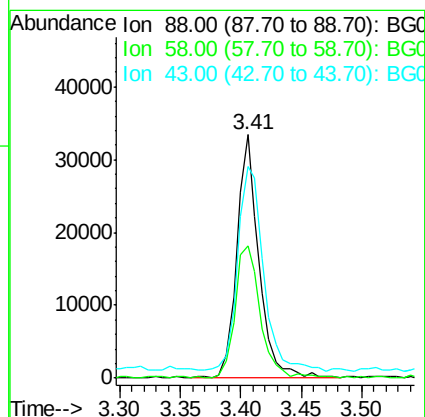
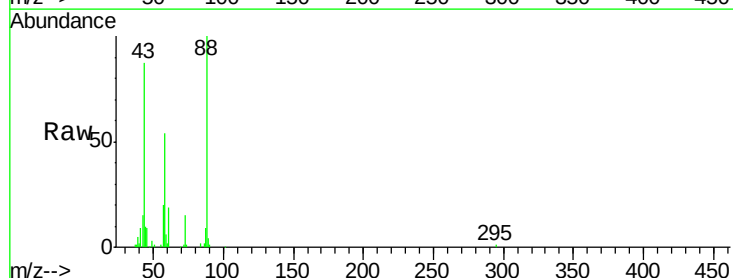
Tot Ion:152 Resp: 43996
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 62.9 44.2 66.4

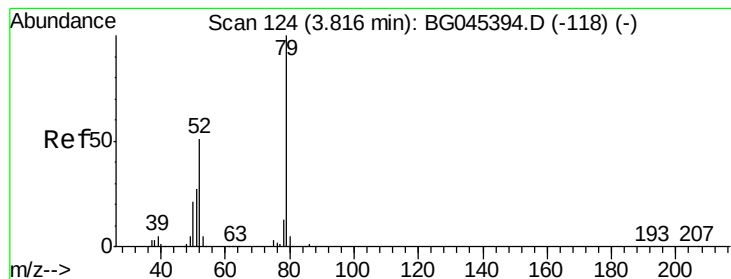


#2

1,4-Dioxane
Concen: 38.143 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion: 88 Resp: 42581
Ion Ratio Lower Upper
88 100
58 62.6 45.7 68.5
43 99.8 16.8 25.2#





#3

Pvridine

Concen: 39.826 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

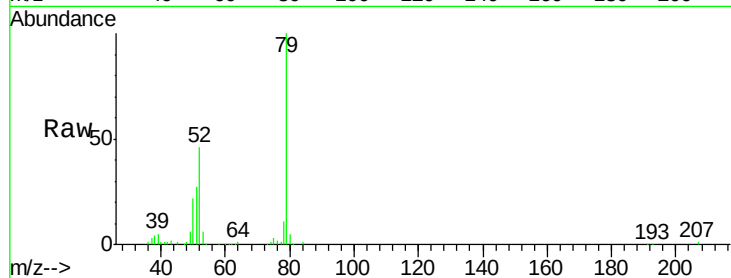
Tot Ion: 79 Resp: 123825

Ion Ratio Lower Upper

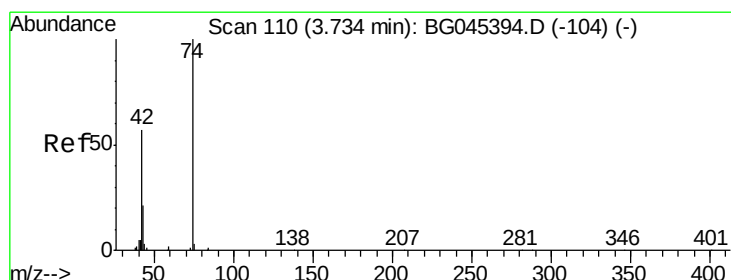
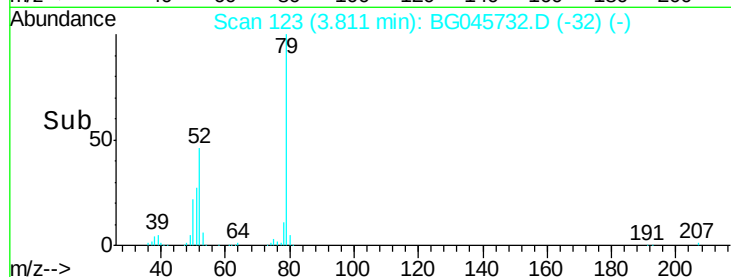
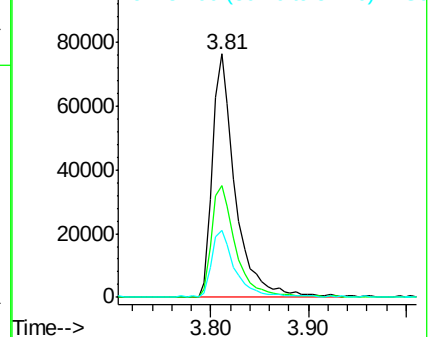
79 100

52 45.7 40.8 61.2

51 27.3 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 54.036 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

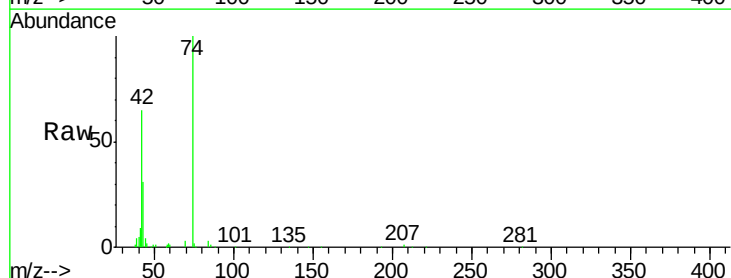
Tgt Ion: 42 Resp: 54976

Ion Ratio Lower Upper

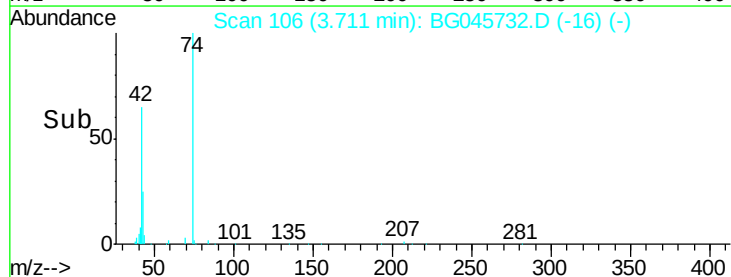
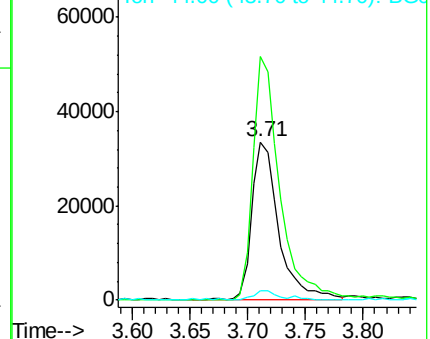
42 100

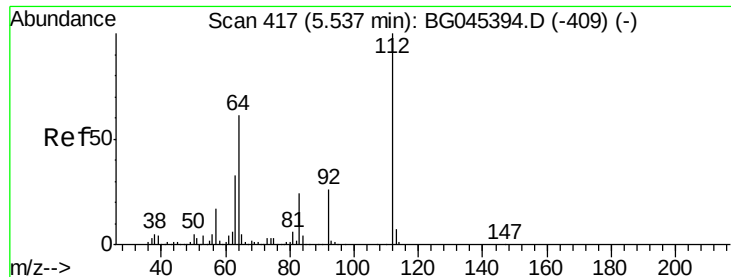
74 153.9 141.3 211.9

44 6.3 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 149.561 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

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ClientSampleId :

CL-02-060920MS

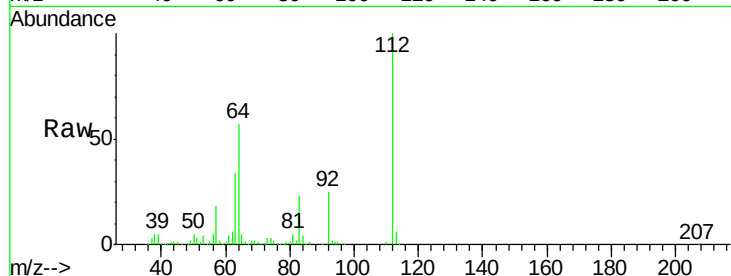
Tot Ion:112 Resp: 336698

Ion Ratio Lower Upper

112 100

64 57.1 48.6 72.8

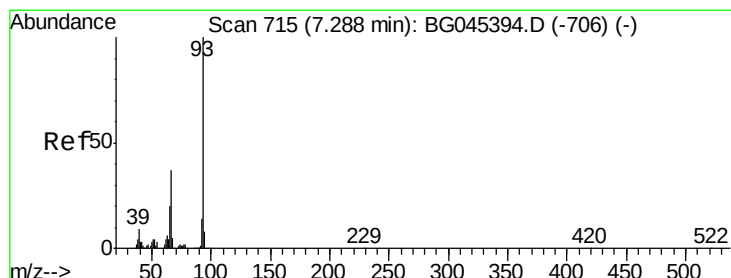
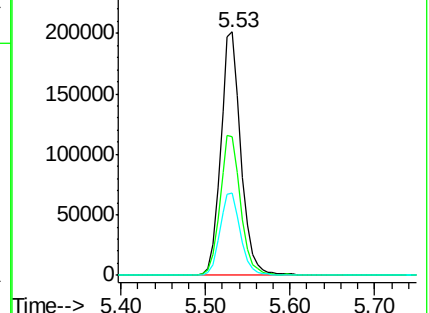
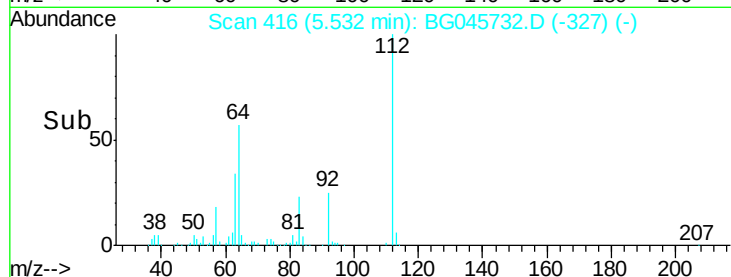
63 33.7 26.5 39.7



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: 30.300 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

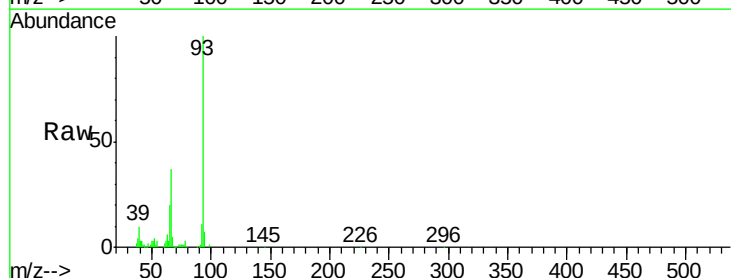
Tgt Ion: 93 Resp: 126740

Ion Ratio Lower Upper

93 100

66 37.3 29.6 44.4

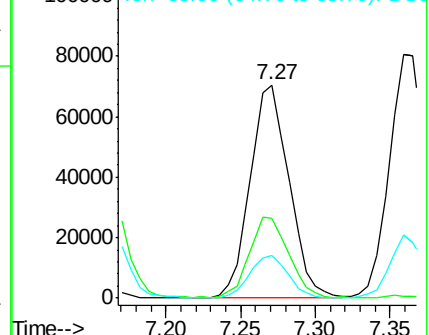
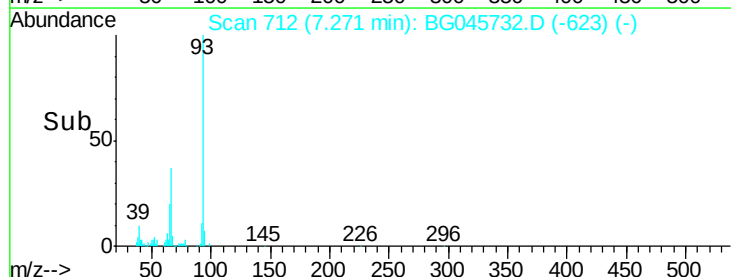
65 19.8 15.9 23.9

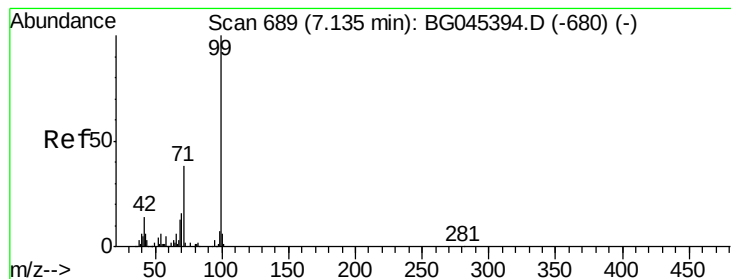


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.500 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045732.D

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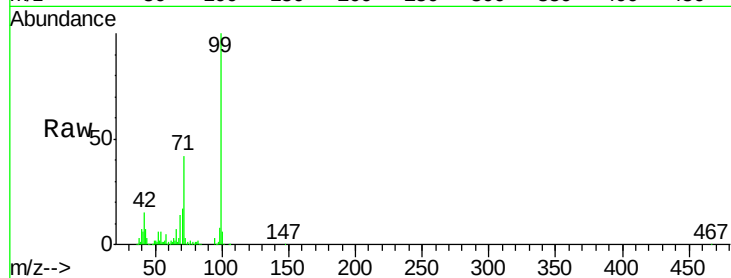
Tot Ion: 99 Resp: 418146

Ion Ratio Lower Upper

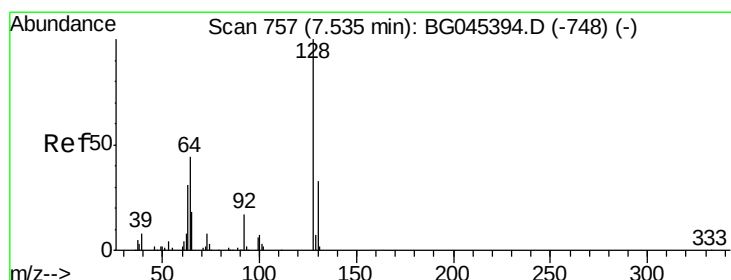
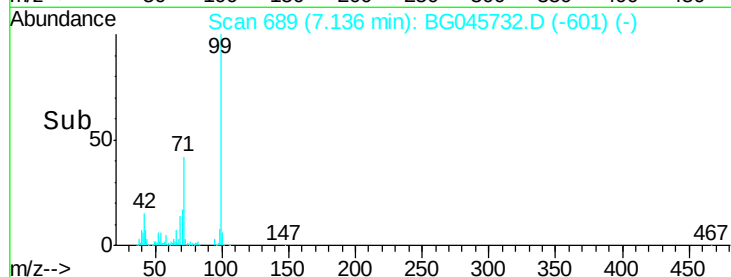
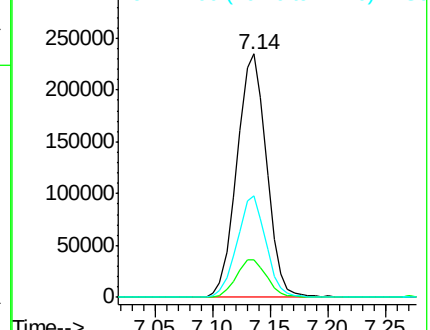
99 100

42 15.4 11.3 16.9

71 41.7 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: 58.372 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

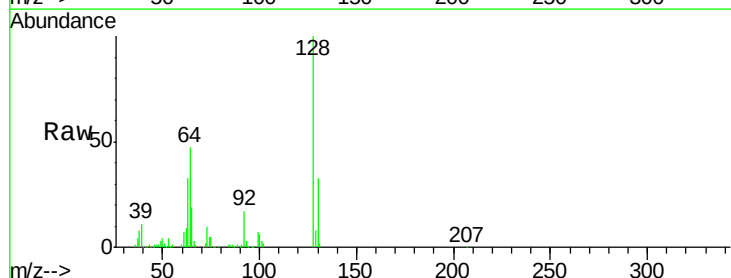
Tgt Ion:128 Resp: 144108

Ion Ratio Lower Upper

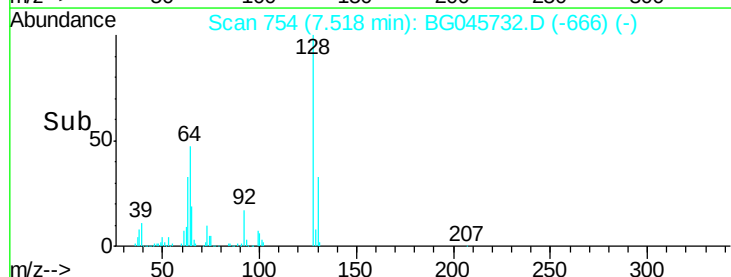
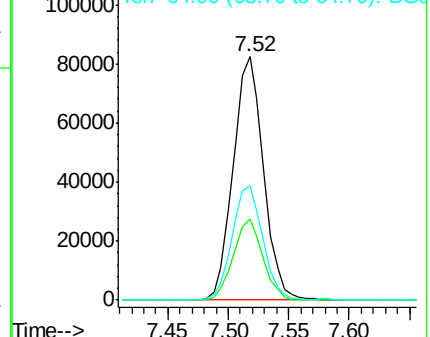
128 100

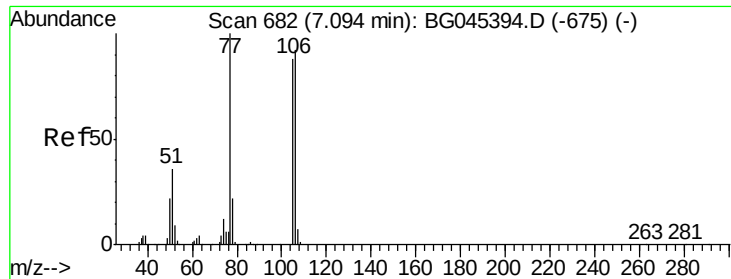
130 33.4 12.6 52.6

64 46.8 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: 43.101 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

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ClientSampleId :

CL-02-060920MS

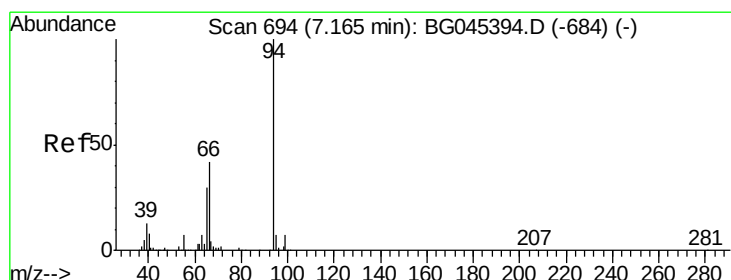
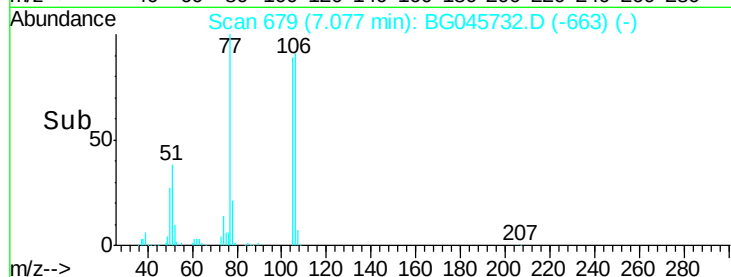
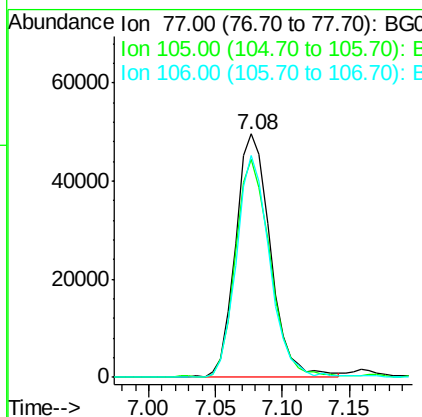
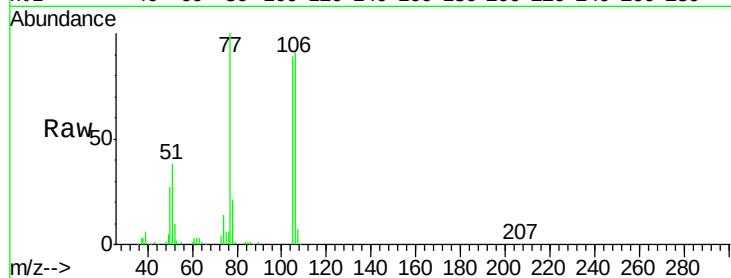
Tot Ion: 77 Resp: 89979

Ion Ratio Lower Upper

77 100

105 89.4 68.5 108.5

106 91.4 71.6 111.6



#10

Phenol

Concen: 47.074 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

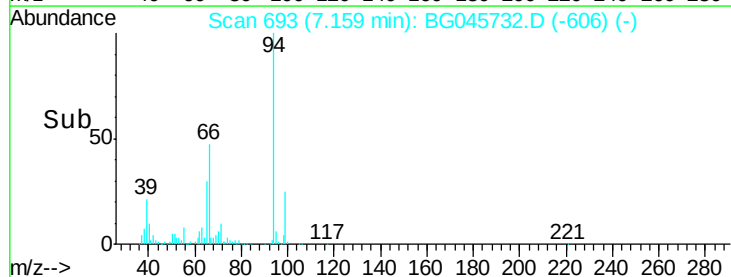
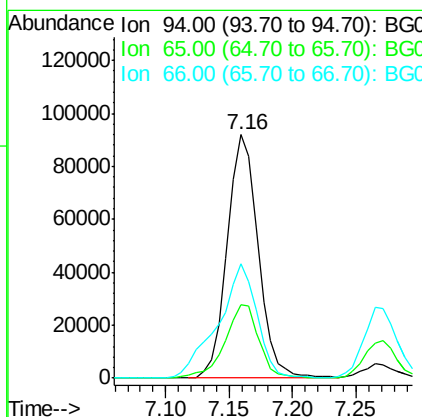
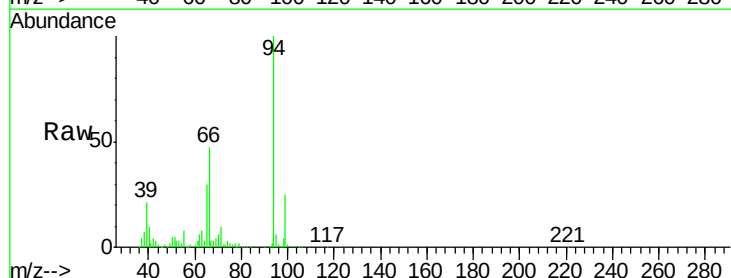
Tgt Ion: 94 Resp: 155454

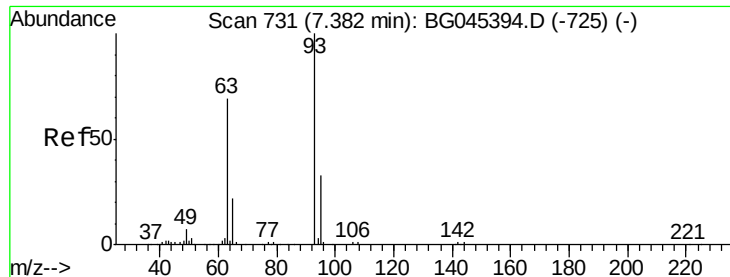
Ion Ratio Lower Upper

94 100

65 30.0 9.8 49.8

66 47.0 22.0 62.0

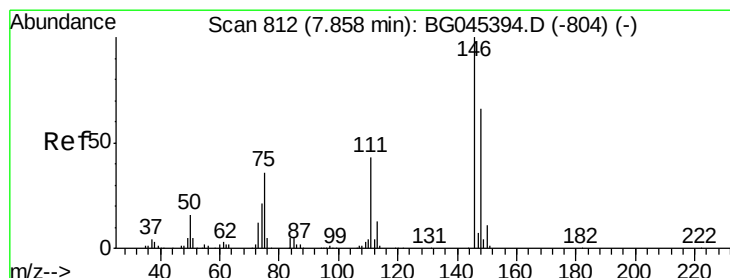
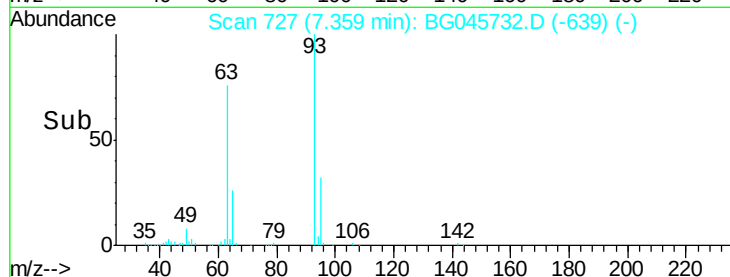
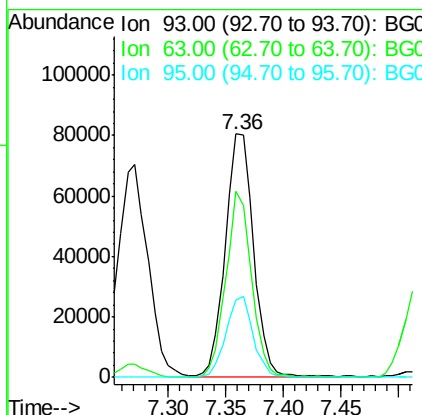
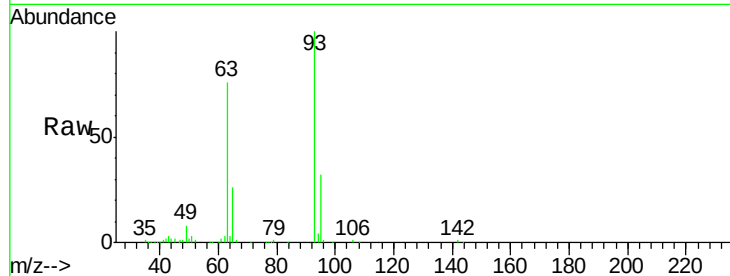




#11
bis(2-Chloroethyl)ether
Concen: 53.090 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

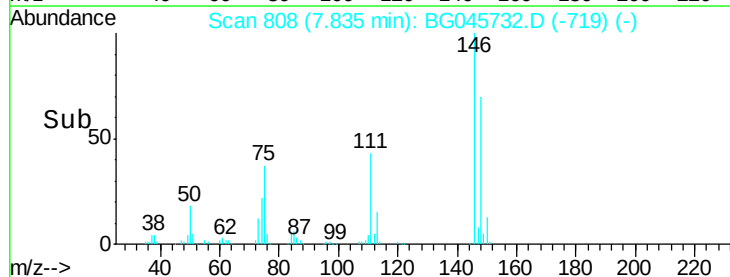
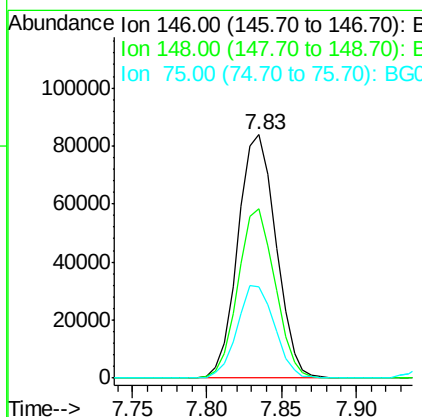
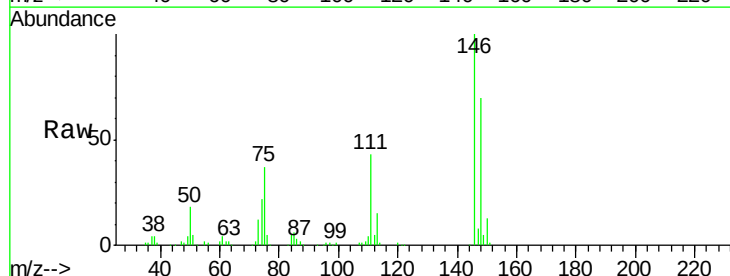
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

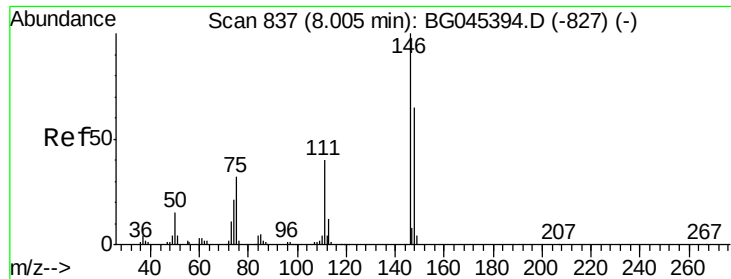
Tot Ion: 93 Resp: 136751
Ion Ratio Lower Upper
93 100
63 76.3 48.4 88.4
95 31.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 50.062 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion: 146 Resp: 148523
Ion Ratio Lower Upper
146 100
148 69.7 53.2 79.8
75 37.4 28.6 43.0

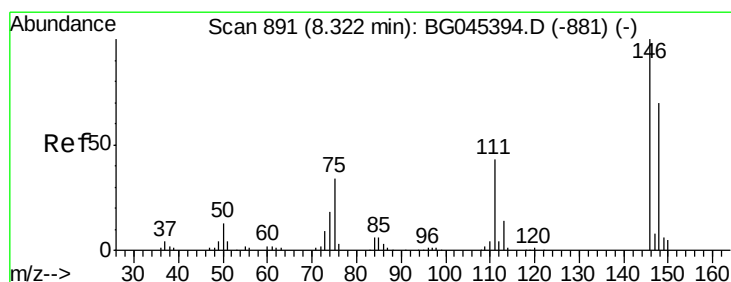
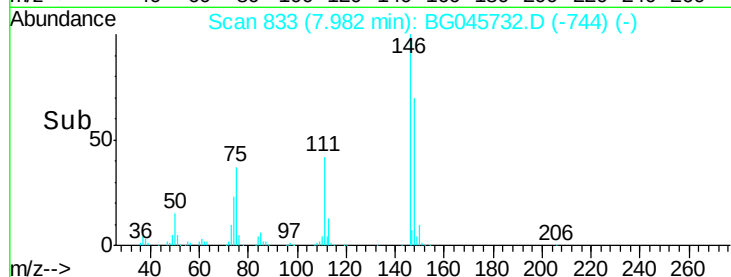
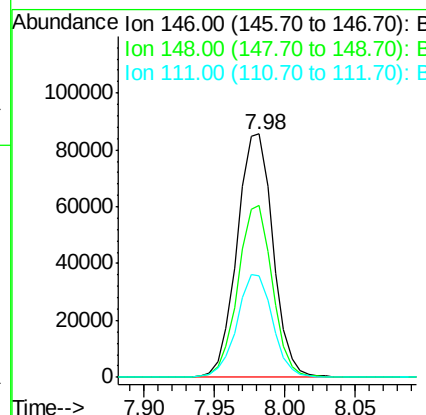
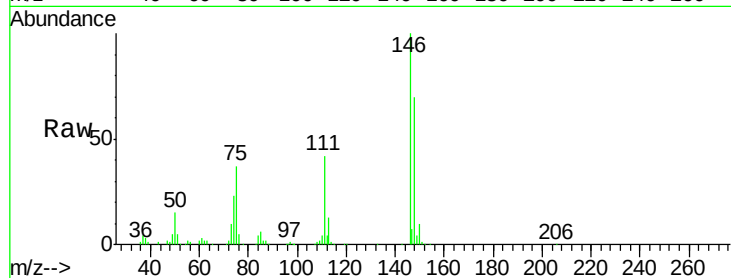




#13
 1,4-Dichlorobenzene
 Concen: 52.075 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

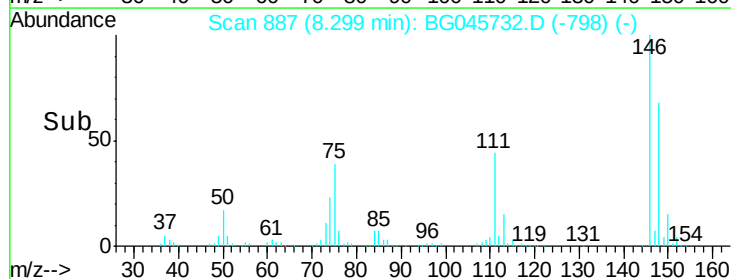
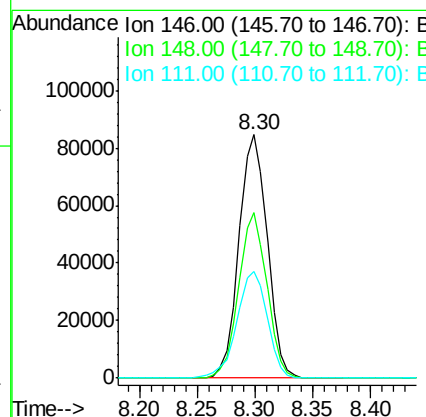
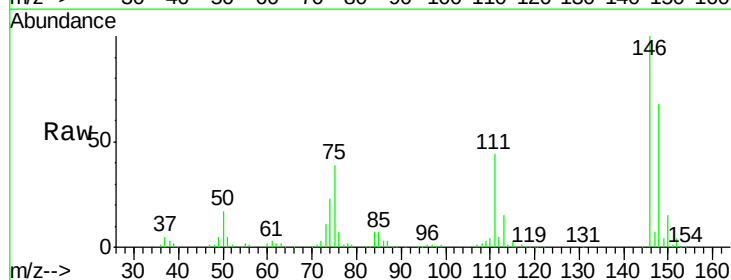
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

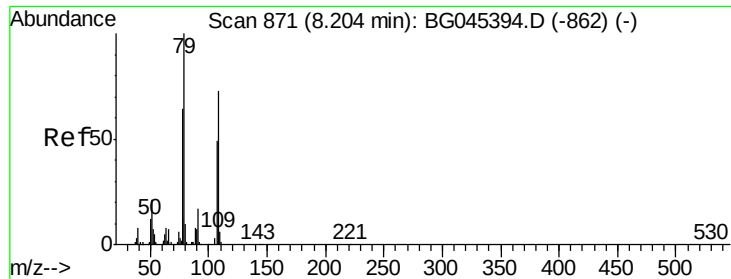
Tot Ion:146 Resp: 152465
 Ion Ratio Lower Upper
 146 100
 148 70.4 51.8 77.8
 111 41.8 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 51.158 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Tgt Ion:146 Resp: 144058
 Ion Ratio Lower Upper
 146 100
 148 67.9 55.9 83.9
 111 43.9 35.0 52.4

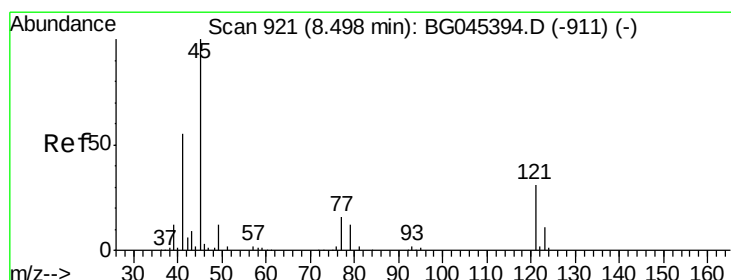
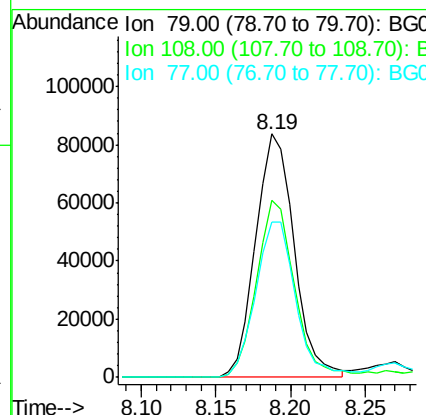
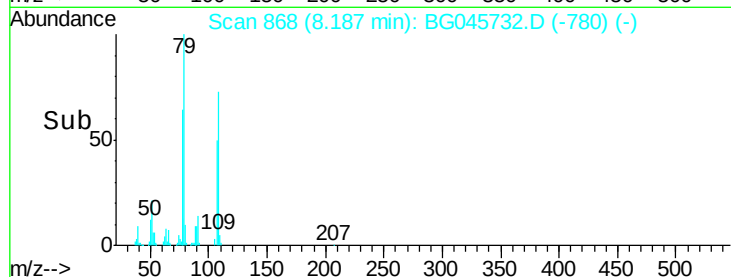
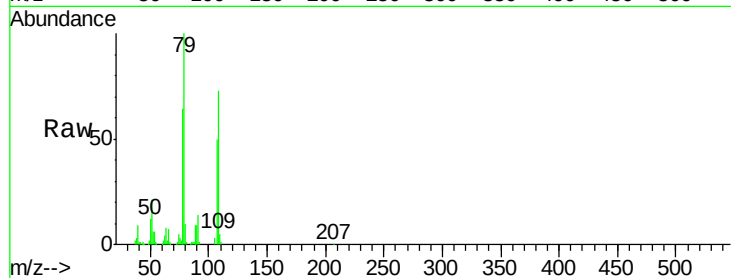




#15
Benzyl Alcohol
Concen: 56.475 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

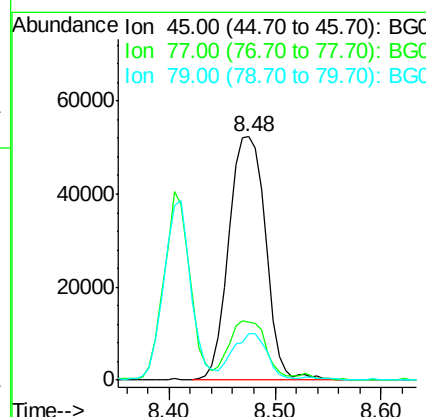
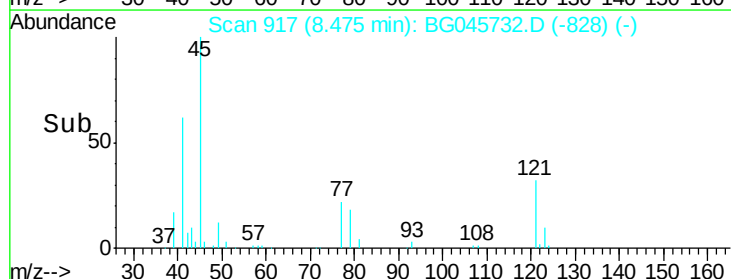
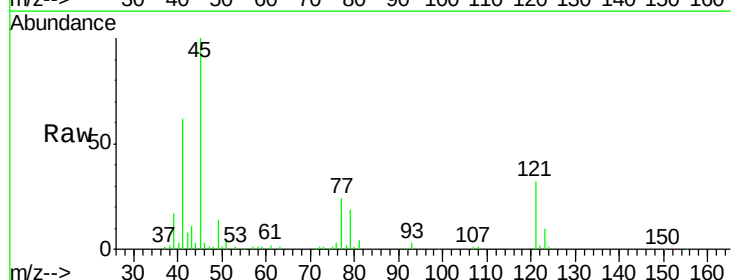
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

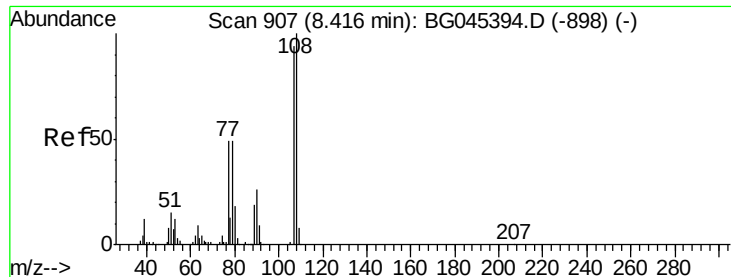
Tot Ion: 79 Resp: 149488
Ion Ratio Lower Upper
79 100
108 72.6 58.2 87.4
77 63.7 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.701 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion: 45 Resp: 126411
Ion Ratio Lower Upper
45 100
77 23.9 4.0 44.0
79 19.0 0.0 38.6





#17

2-Methylphenol

Concen: 51.085 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

Tot Ion:107 Resp: 126271

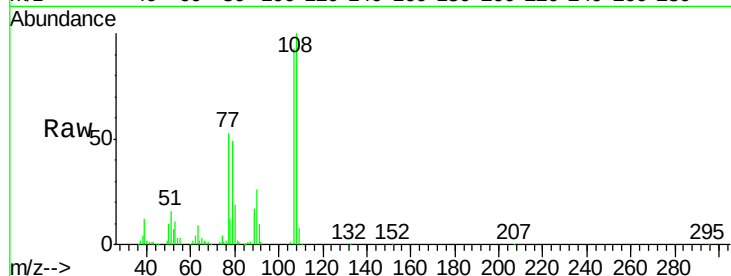
Ion Ratio Lower Upper

107 100

108 108.0 85.2 127.8

77 57.1 41.6 62.4

79 52.9 41.8 62.8

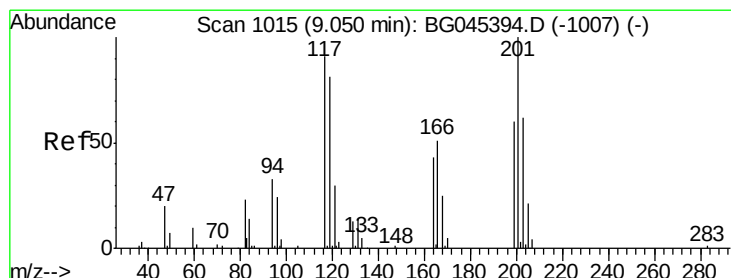
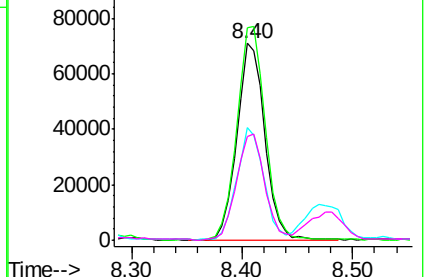
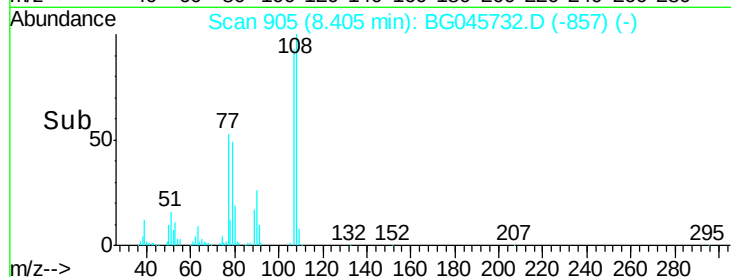


Abundance Ion 107.00 (106.70 to 107.70): E

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: 52.846 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

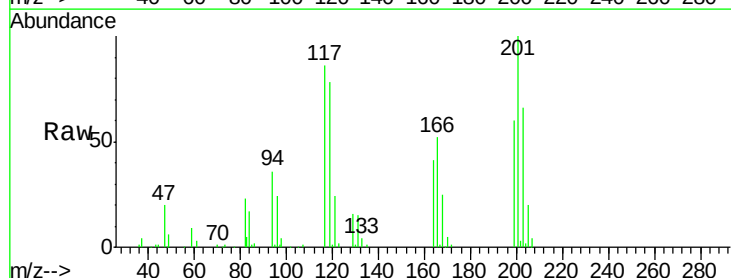
Tgt Ion:117 Resp: 59258

Ion Ratio Lower Upper

117 100

119 90.8 71.3 106.9

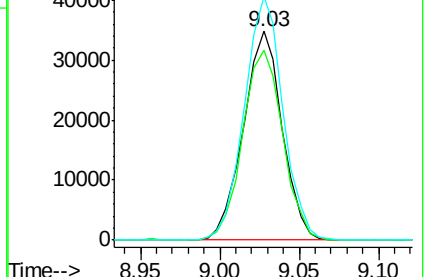
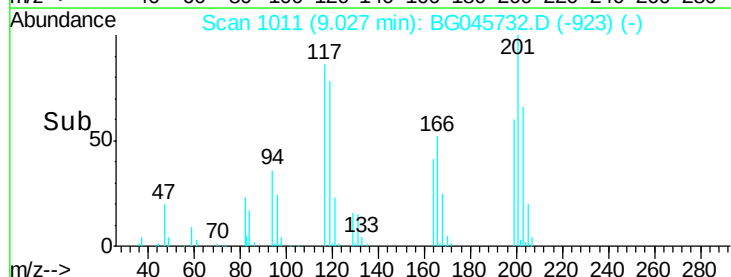
201 116.6 87.5 131.3

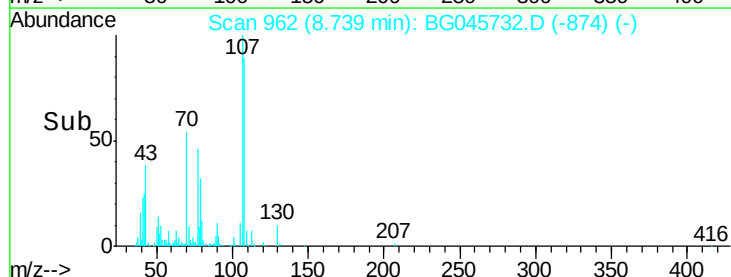
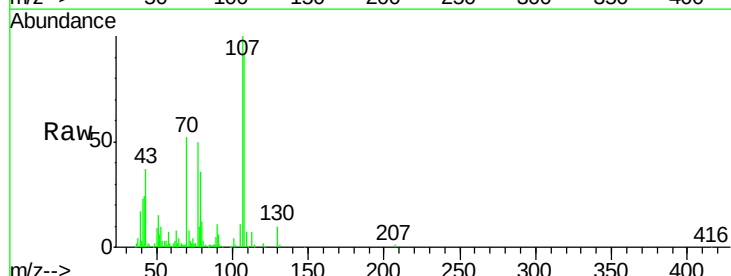
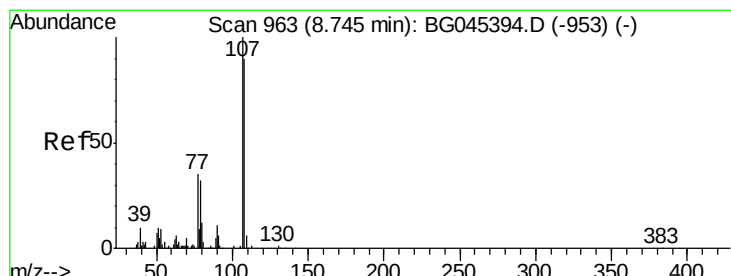
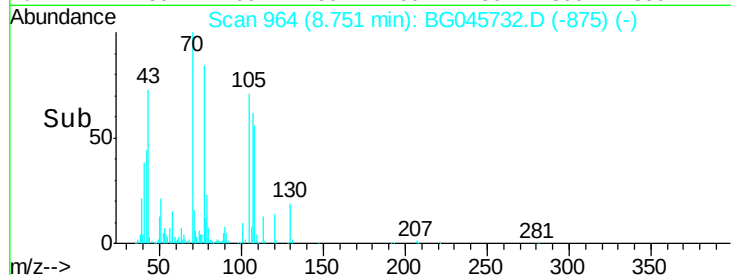
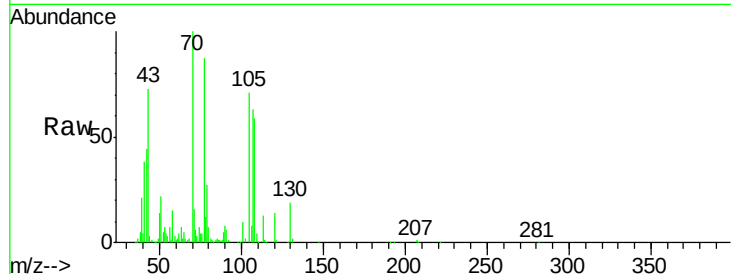
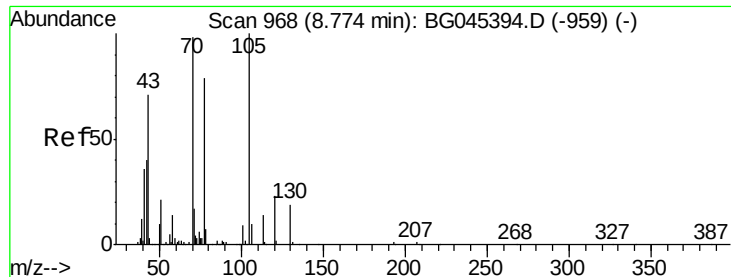


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

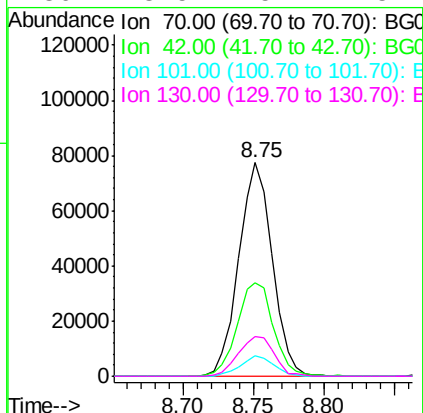




#19
n-Nitroso-di-n-propylamine
Concen: 57.935 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

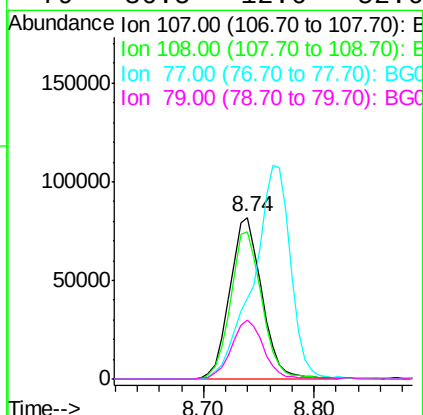
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

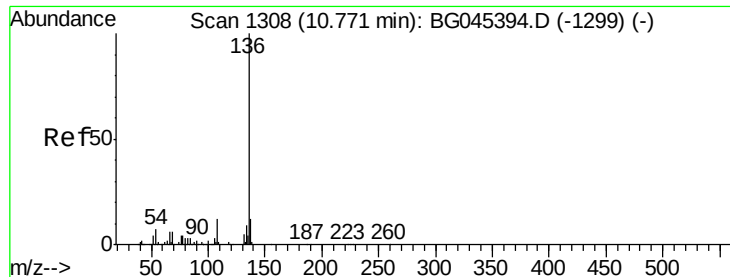
Tot Ion:	70	Resp:	128369
Ion	Ratio	Lower	Upper
70	100		
42	43.6	33.2	49.8
101	9.8	7.8	11.6
130	18.5	15.4	23.2



#20
3+4-Methylphenols
Concen: 49.622 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion:	107	Resp:	167023
Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.3	110.3
77	49.7	15.4	55.4
79	36.5	12.6	52.6

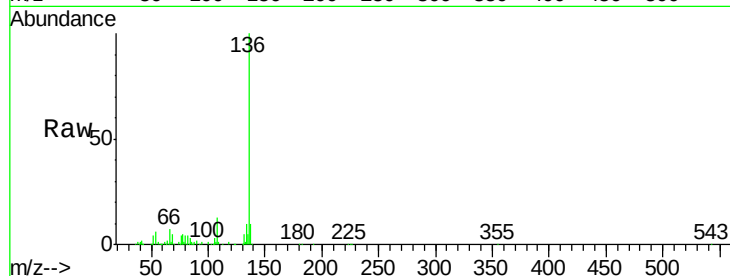




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

Tot Ion:136	Resp:	181187
Ion Ratio	Lower	Upper
136 100		
137 9.8	9.4	14.2
54 6.2	5.8	8.6
68 5.1	4.5	6.7



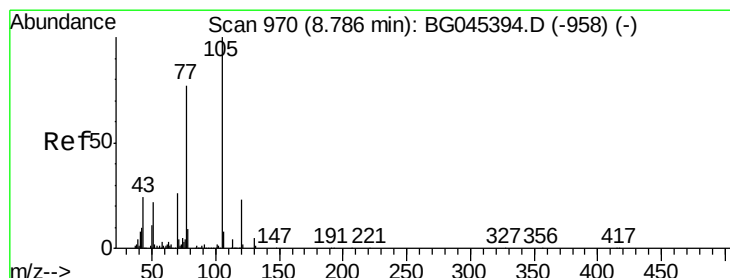
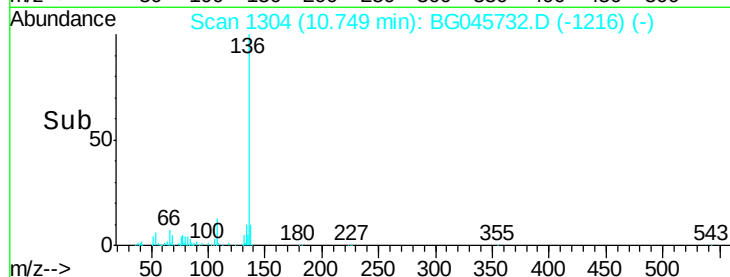
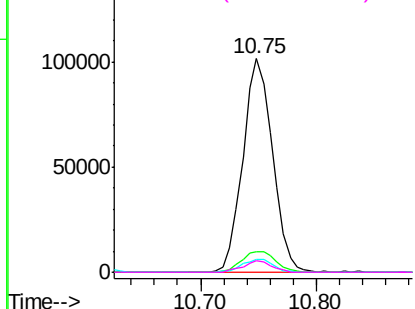
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

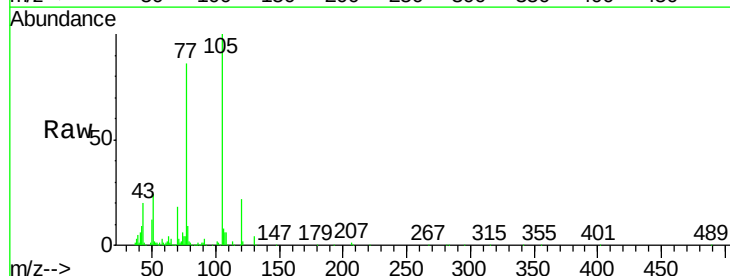
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 52.870 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt	Ion:105	Resp:	227042
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.4	5.0#
51	24.3	18.2	27.2
120	22.2	18.6	27.8



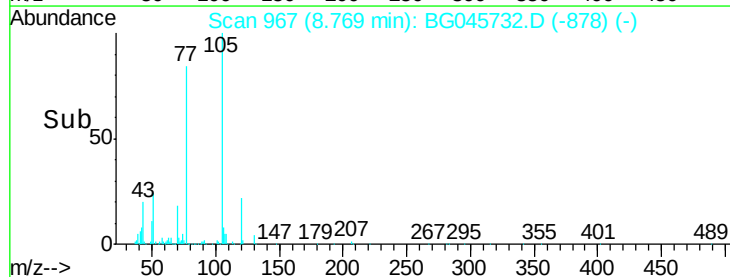
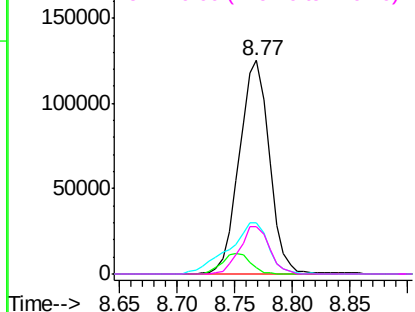
Abundance

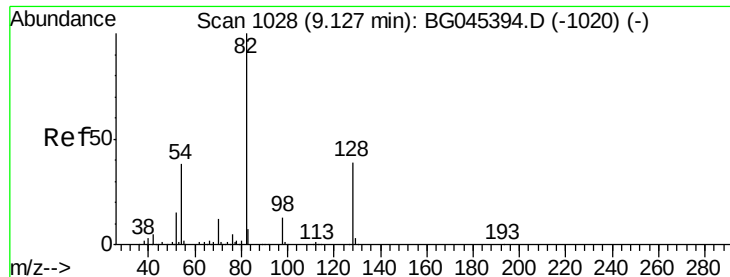
Ion 105.00 (104.70 to 105.70): E

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

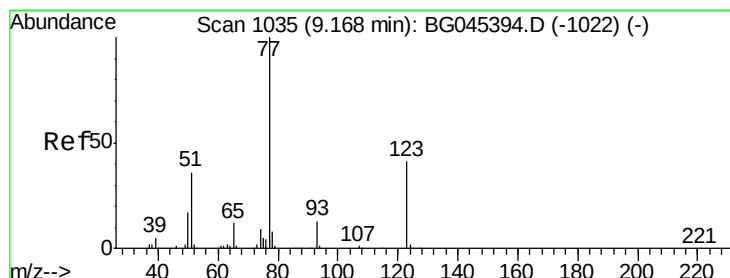
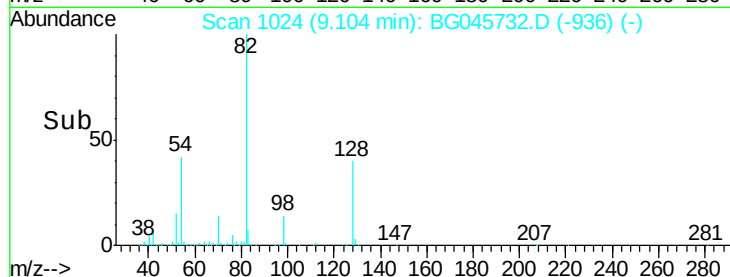
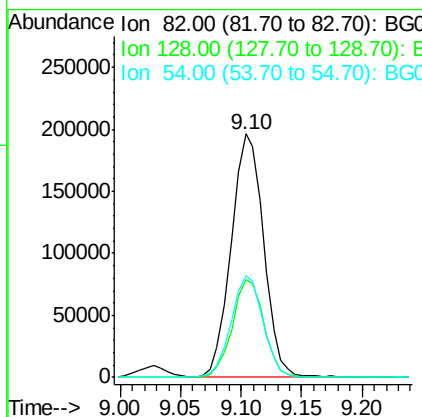
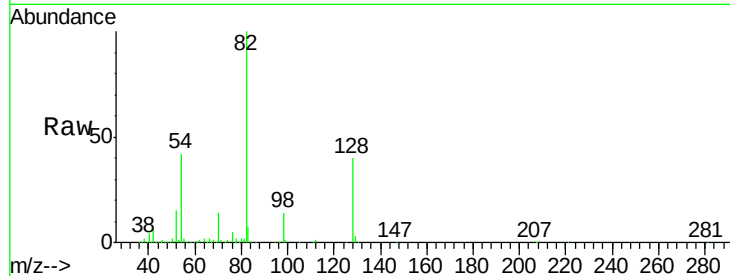




#23
 Nitrobenzene-d5
 Concen: 110.185 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

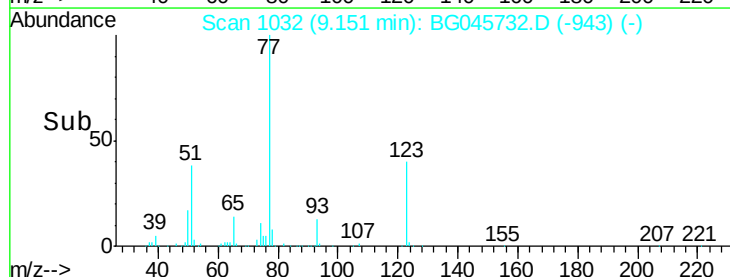
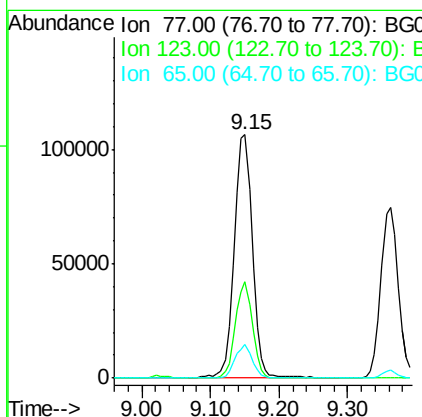
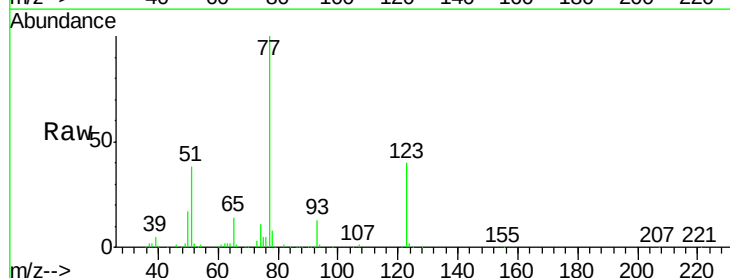
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

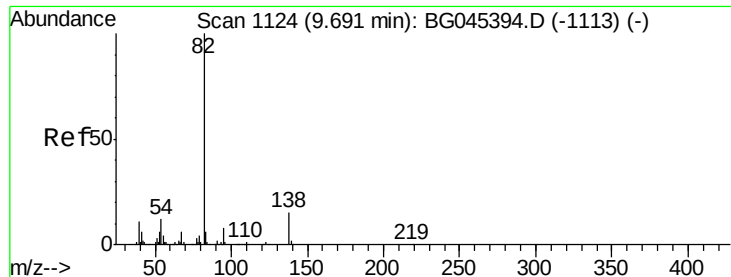
Tot Ion	82	Resp	366100
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.9	46.3
54	41.9	30.3	45.5



#24
 Nitrobenzene
 Concen: 55.167 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Tgt Ion	77	Resp	196383
Ion Ratio	Lower	Upper	
77	100		
123	39.7	32.9	49.3
65	14.0	9.4	14.2





#25

Isophorone

Concen: 54.387 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

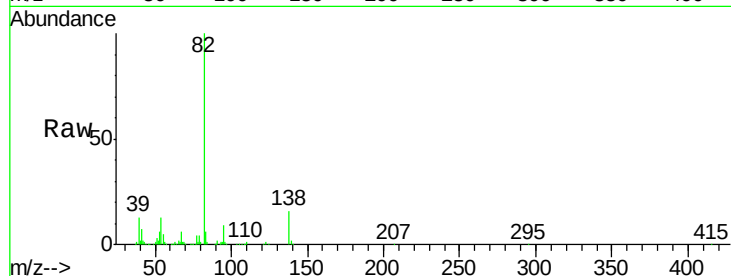
Tot Ion: 82 Resp: 355883

Ion Ratio Lower Upper

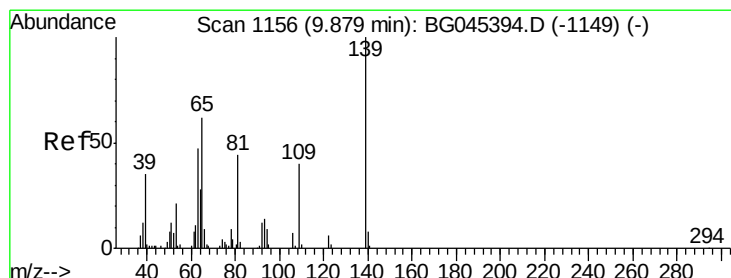
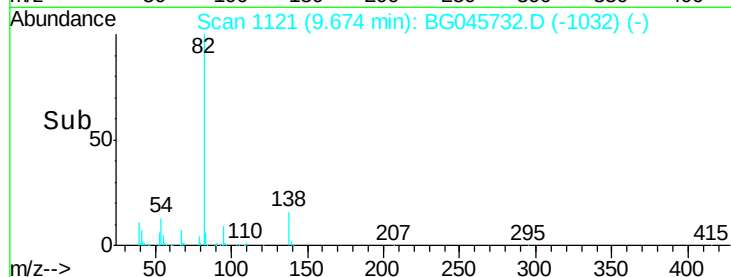
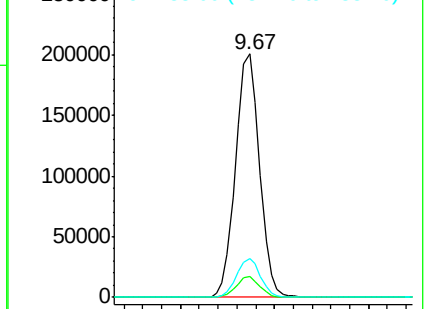
82 100

95 8.6 6.7 10.1

138 16.0 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 54.376 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

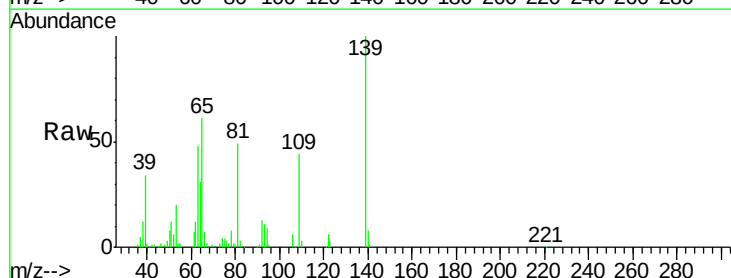
Tgt Ion: 139 Resp: 82806

Ion Ratio Lower Upper

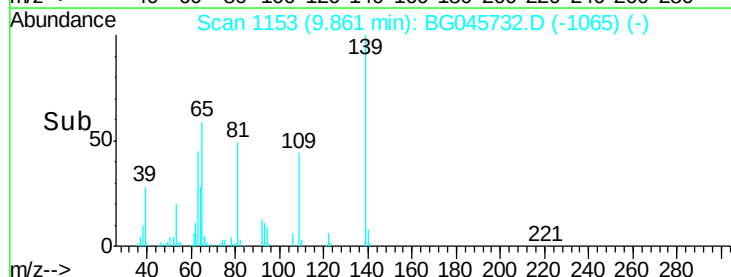
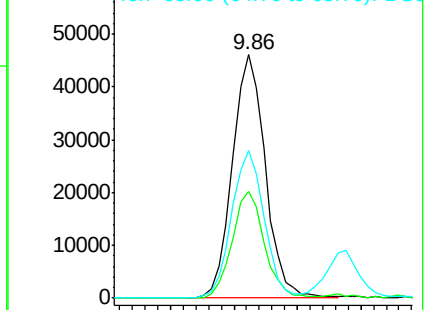
139 100

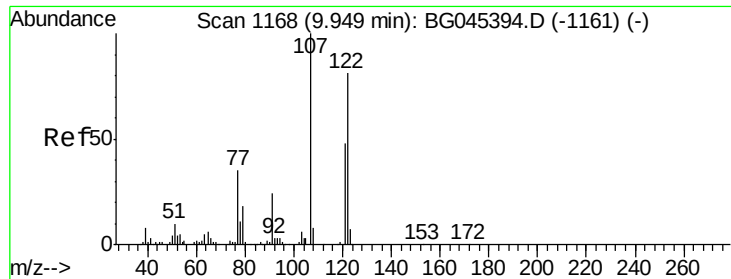
109 43.9 32.2 48.4

65 60.7 49.6 74.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

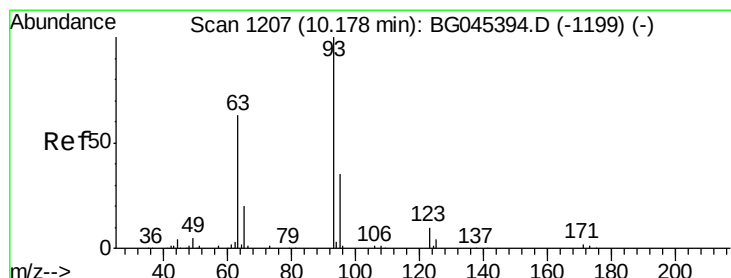
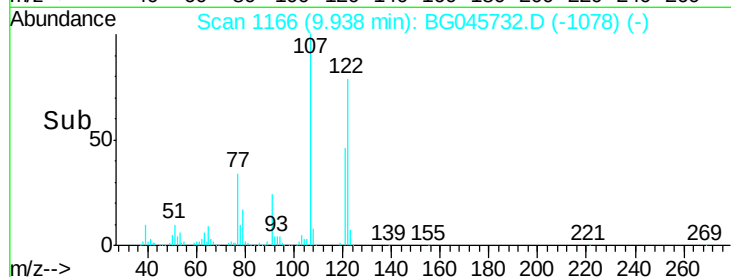
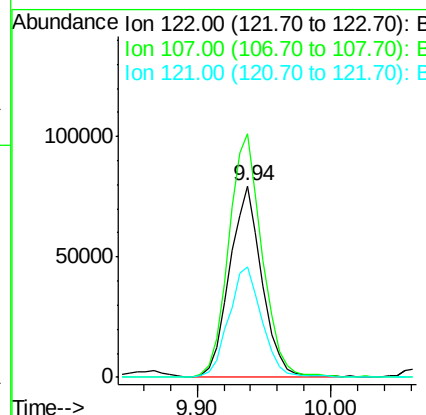
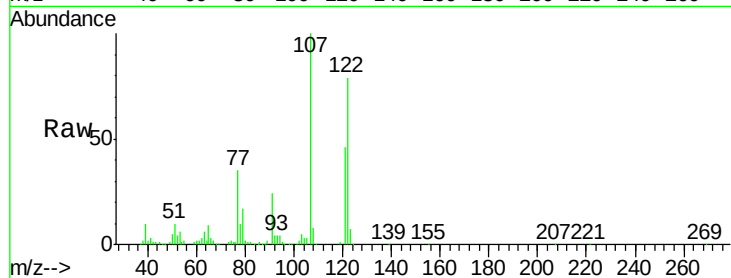




#27
 2,4-Dimethylphenol
 Concen: 59.573 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

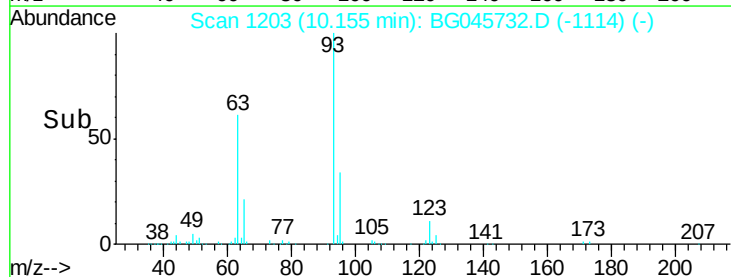
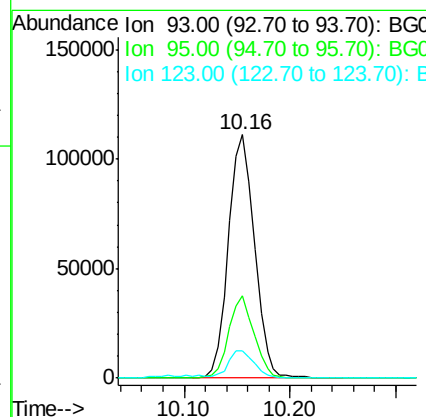
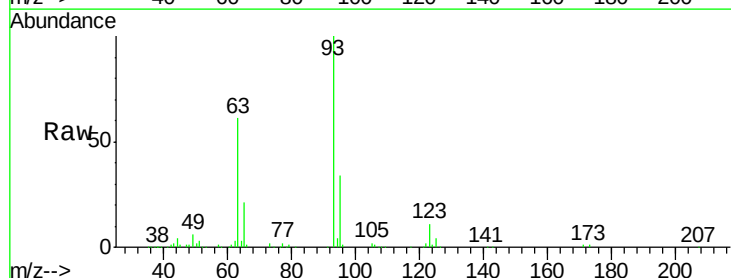
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

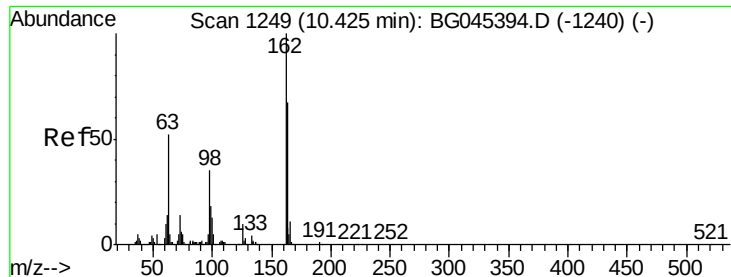
Tot Ion	Ratio	Lower	Upper
122	100		
107	127.1	99.0	148.4
121	57.9	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.638 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.6	41.4
123	11.1	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 56.504 ng

RT: 10.41 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

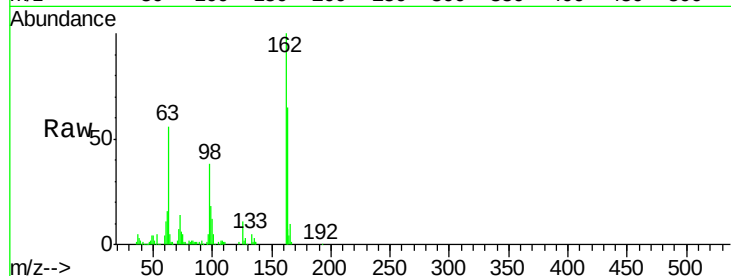
Tot Ion:162 Resp: 150704

Ion Ratio Lower Upper

162 100

164 64.7 46.8 86.8

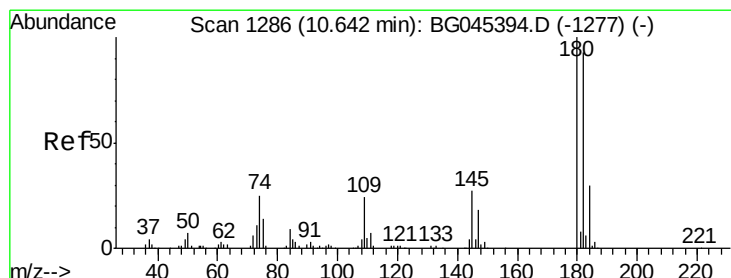
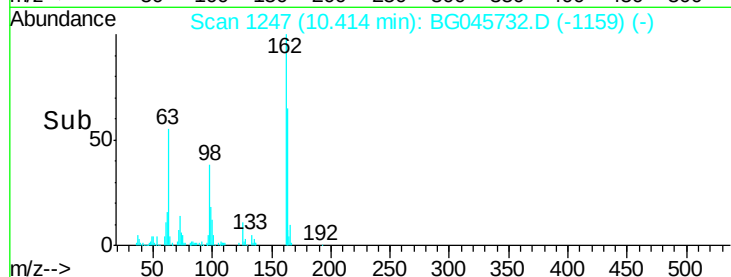
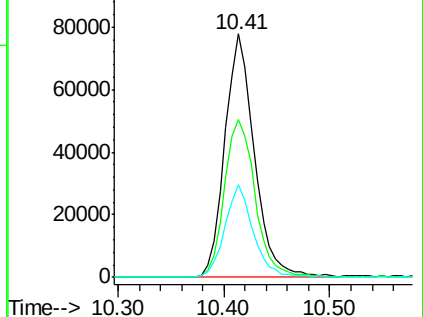
98 37.9 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 52.852 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

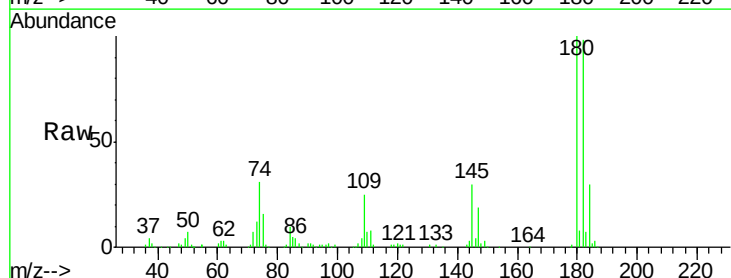
Tgt Ion:180 Resp: 166568

Ion Ratio Lower Upper

180 100

182 97.6 74.8 112.2

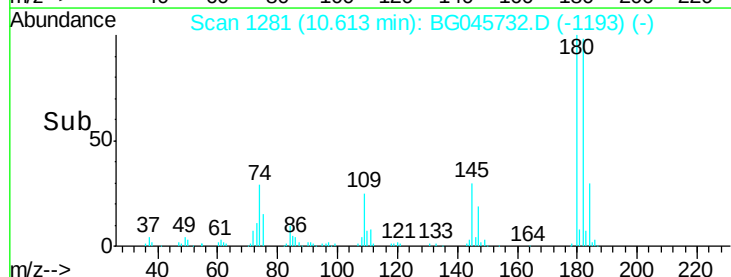
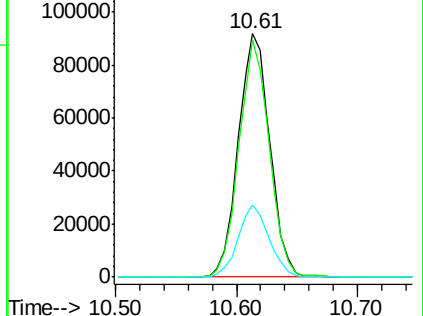
145 29.5 21.9 32.9

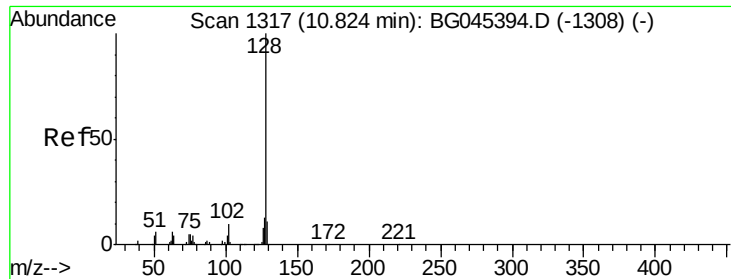


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

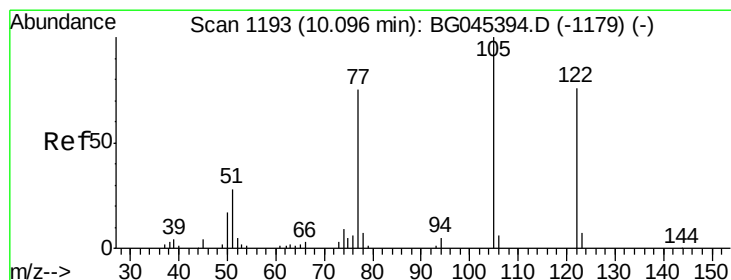
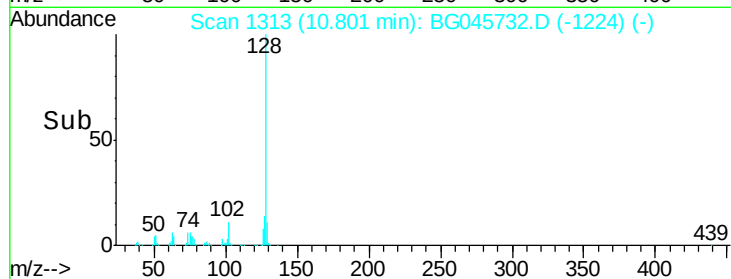
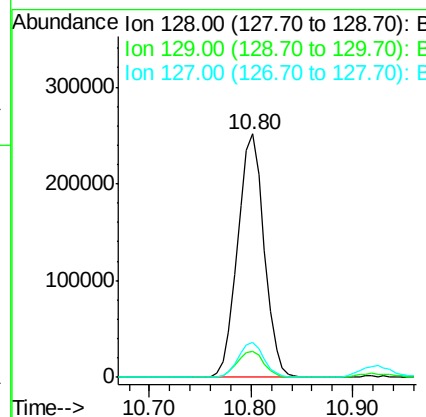
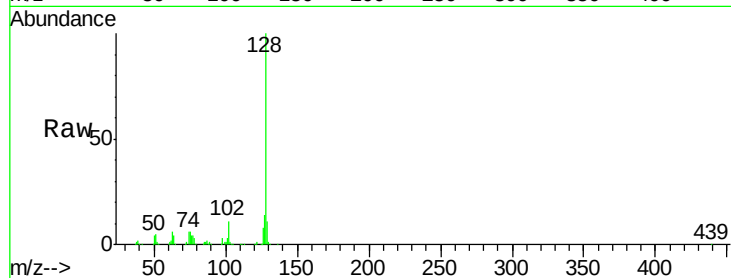




#31
Naphthalene
Concen: 54.136 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

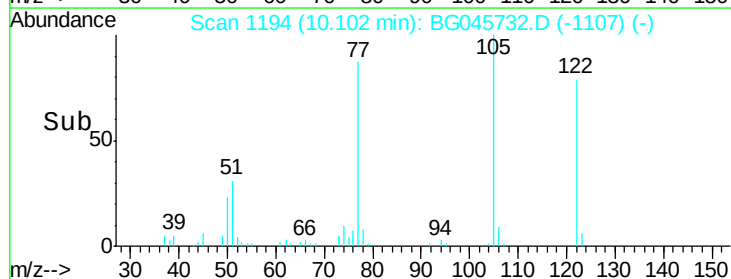
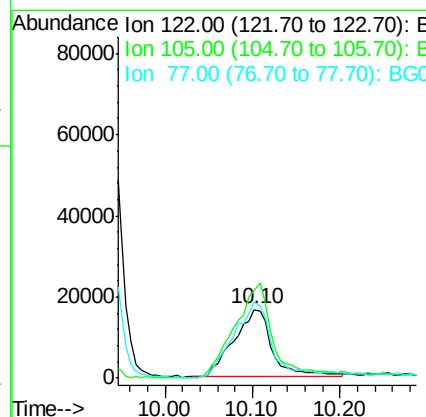
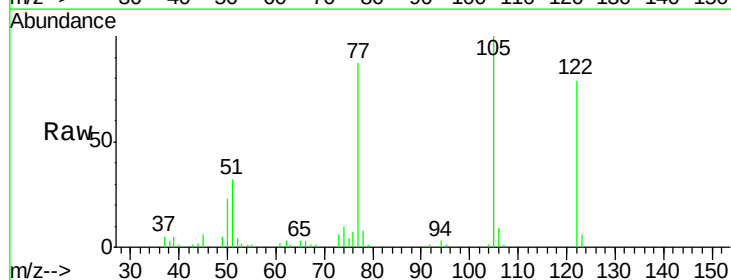
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

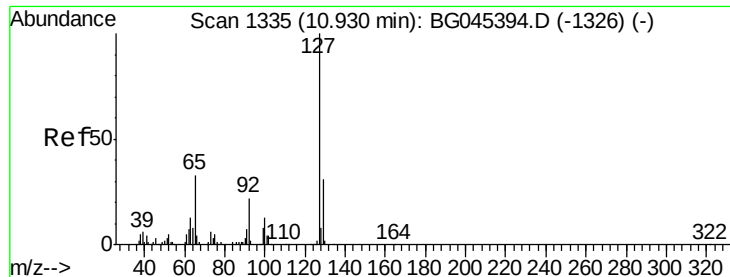
Tot Ion:128 Resp: 457078
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 14.4 10.7 16.1



#32
Benzoic acid
Concen: 35.567 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion:122 Resp: 49594
Ion Ratio Lower Upper
122 100
105 126.6 107.9 147.9
77 110.7 78.9 118.9

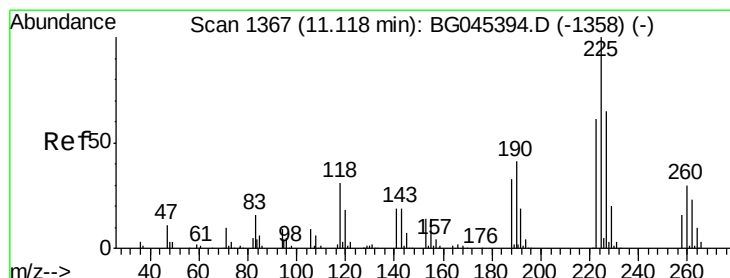
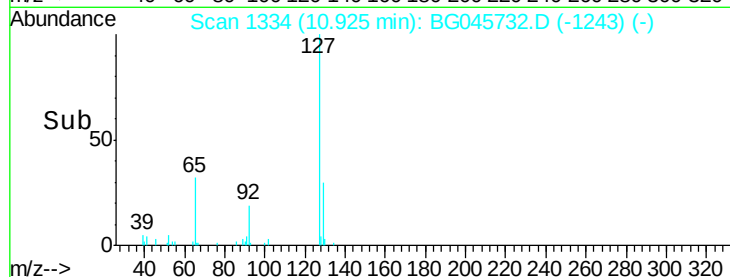
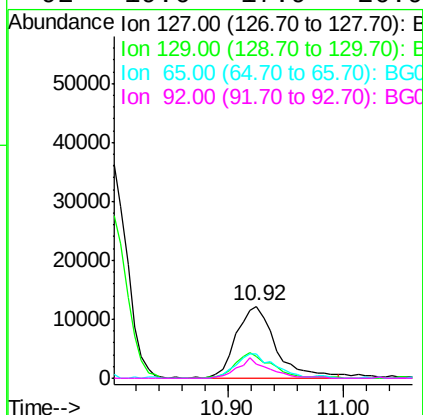
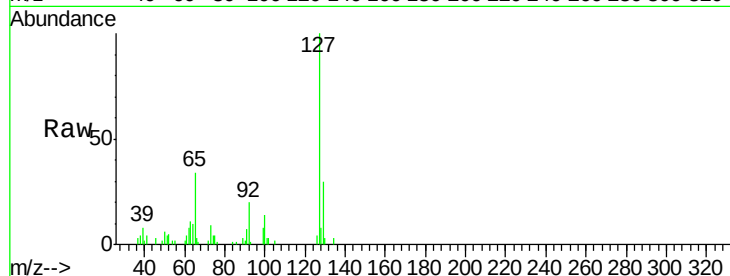




#33
4-Chloroaniline
Concen: 8.206 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

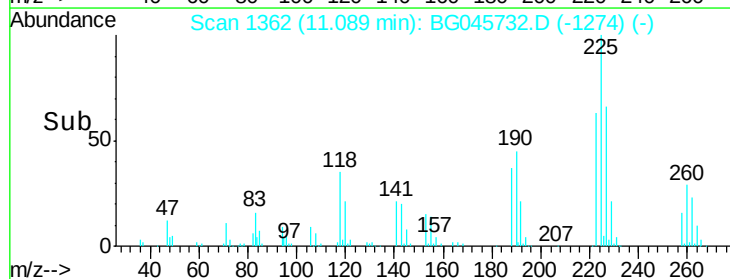
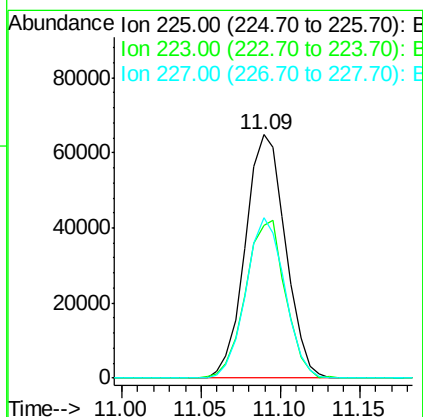
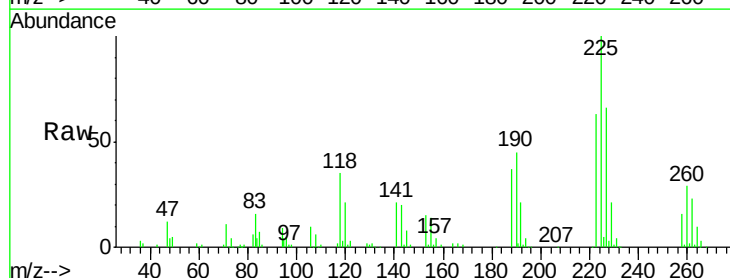
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

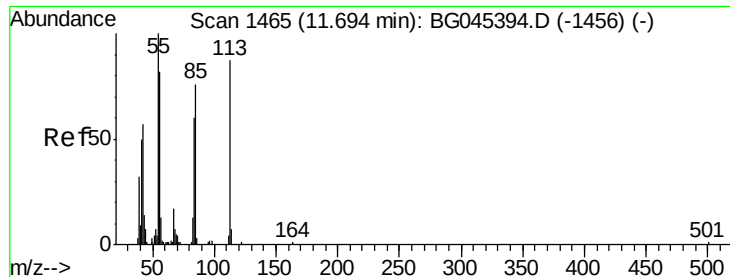
Tot Ion:127	Resp:	28961
Ion	Ratio	Lower Upper
127	100	
129	29.9	24.7 37.1
65	33.5	26.2 39.2
92	19.6	17.9 26.9



#34
Hexachlorobutadiene
Concen: 51.149 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion:225	Resp:	113948
Ion	Ratio	Lower Upper
225	100	
223	62.8	49.1 73.7
227	65.9	52.0 78.0

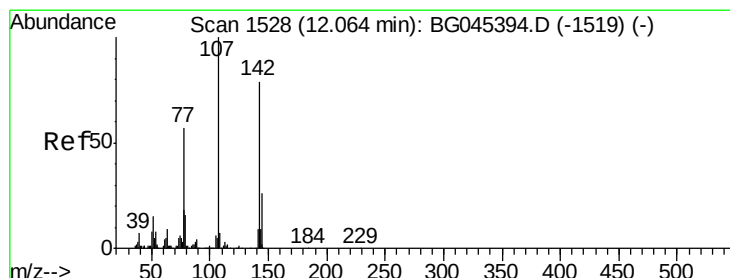
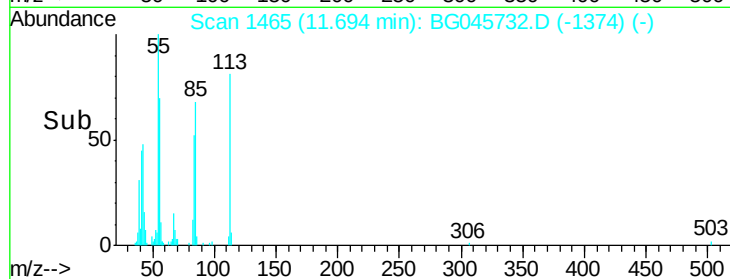
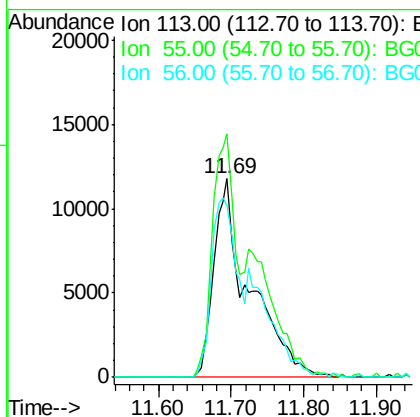
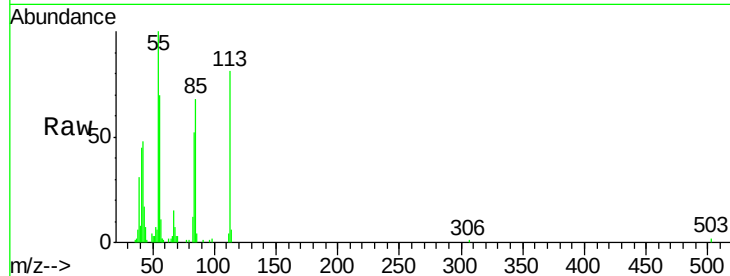




#35
 Caprolactam
 Concen: 40.839 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

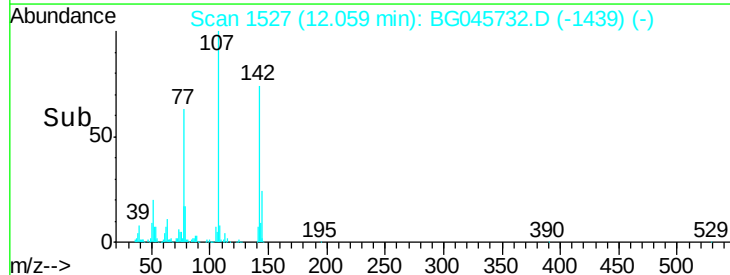
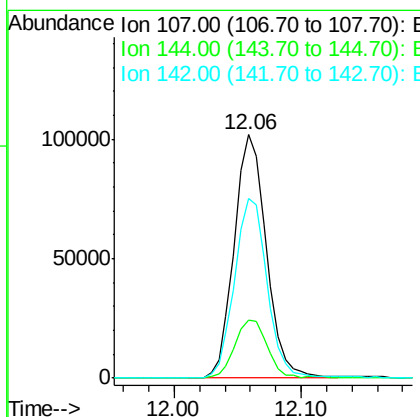
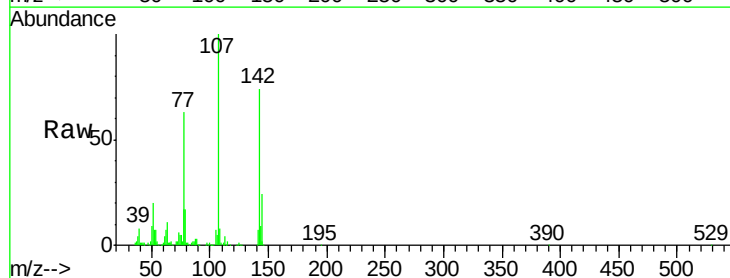
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

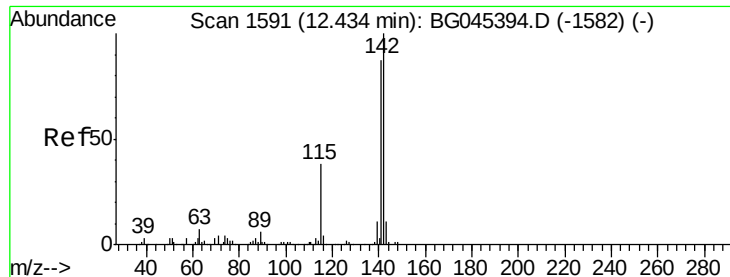
Tot Ion:113 Resp: 39980
 Ion Ratio Lower Upper
 113 100
 55 122.8 96.0 136.0
 56 86.5 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 59.775 ng
 RT: 12.06 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Tgt Ion:107 Resp: 179650
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.8 31.2
 142 73.9 62.8 94.2

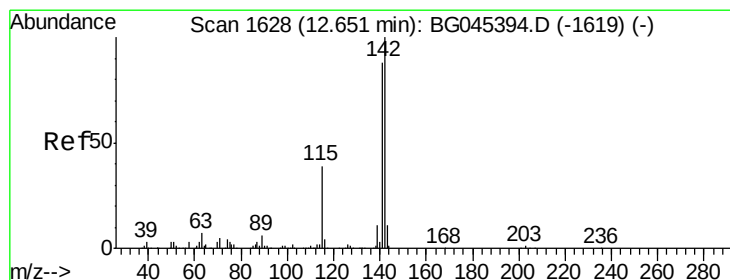
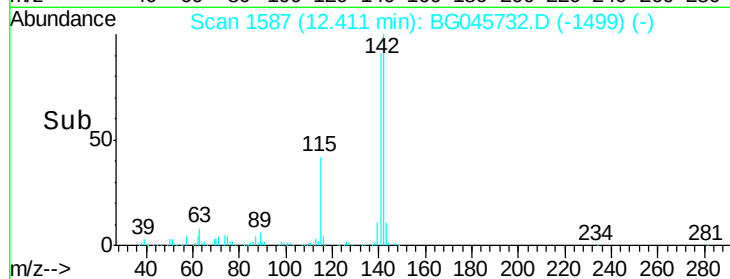
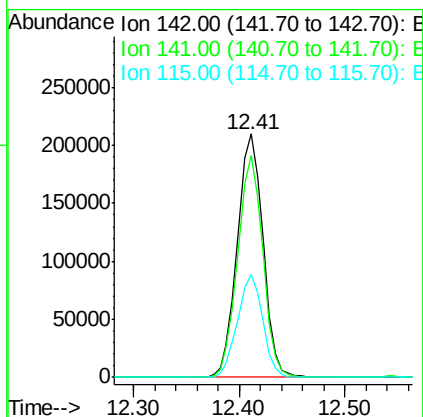
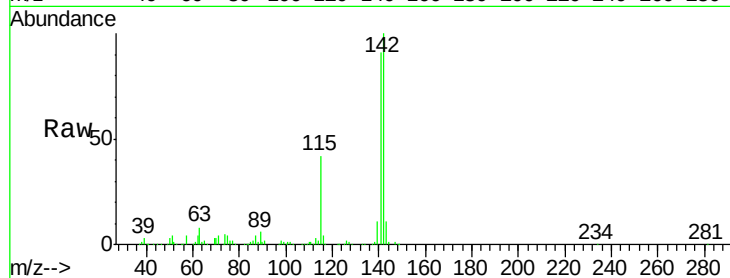




#37
2-Methylnaphthalene
Concen: 56.103 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

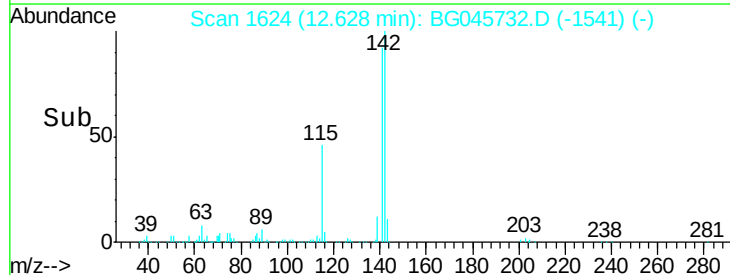
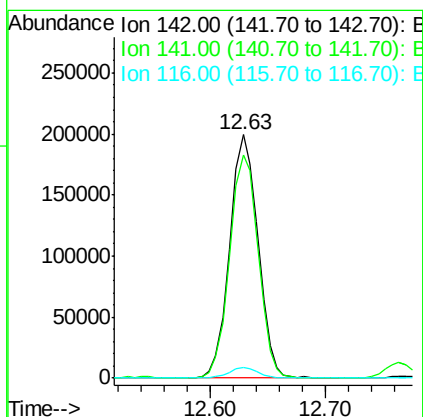
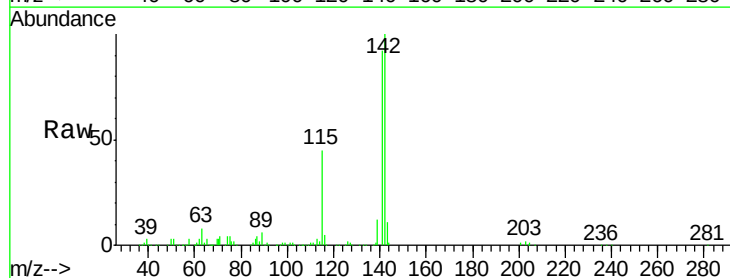
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

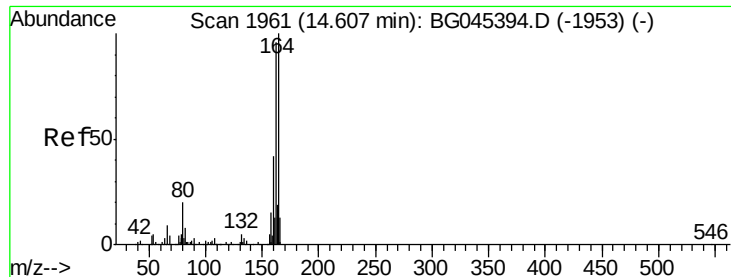
Tot Ion:142 Resp: 353056
Ion Ratio Lower Upper
142 100
141 91.4 70.0 105.0
115 42.1 30.8 46.2



#38
1-Methylnaphthalene
Concen: 56.876 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion:142 Resp: 338102
Ion Ratio Lower Upper
142 100
141 91.7 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: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

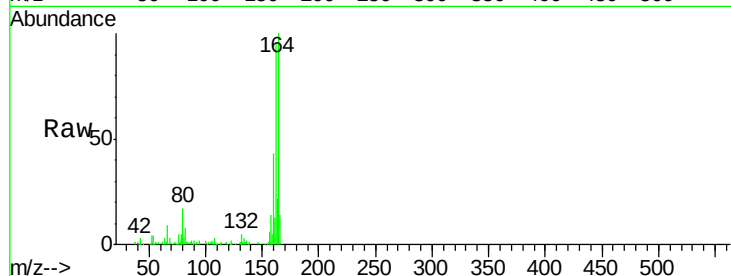
Tot Ion:164 Resp: 132927

Ion Ratio Lower Upper

164 100

162 96.4 76.9 115.3

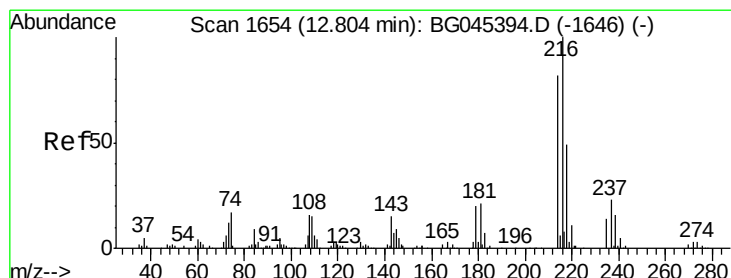
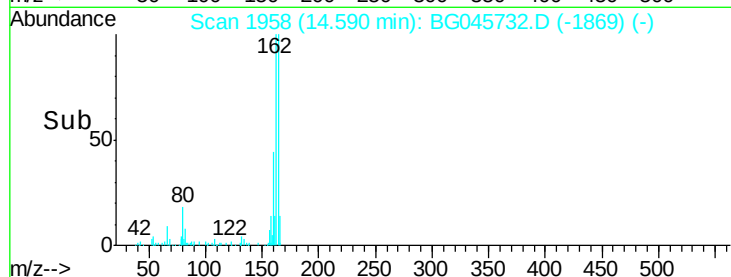
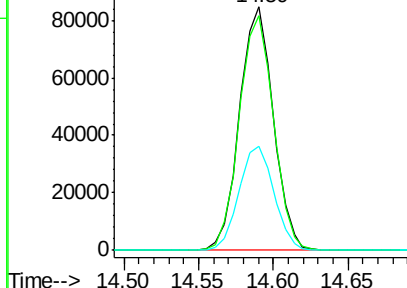
160 42.5 33.8 50.8



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: 53.408 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Tgt Ion:216 Resp: 198294

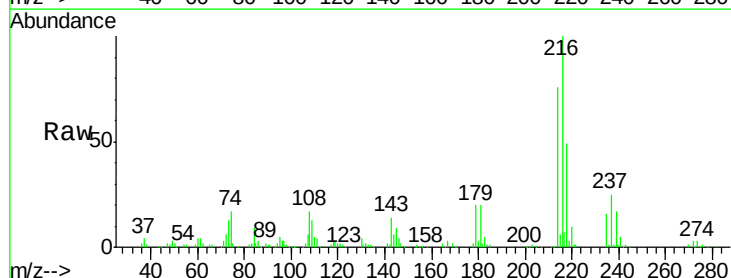
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 20.3 16.1 24.1

108 18.7 13.8 20.6

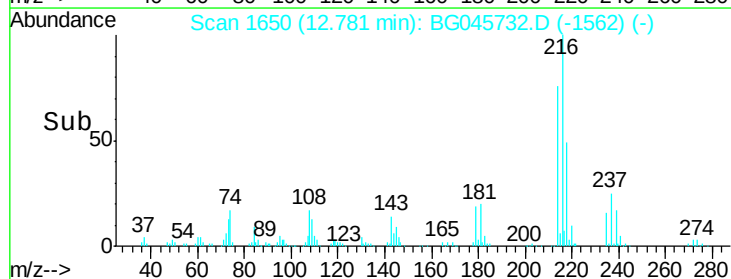
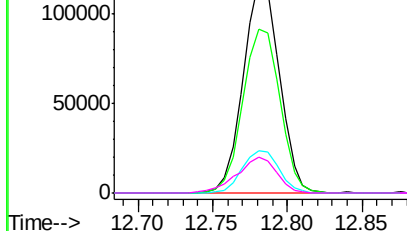


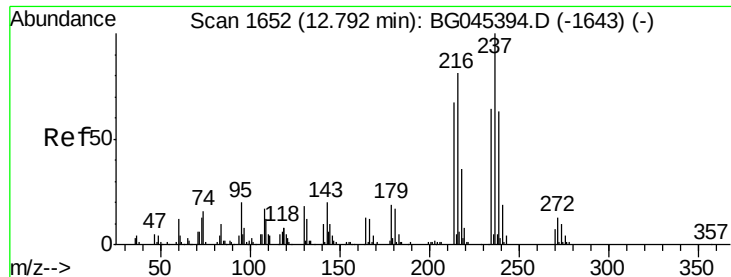
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.954 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

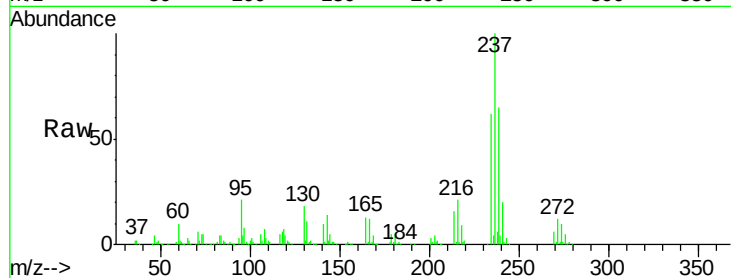
Tot Ion:237 Resp: 194915

Ion Ratio Lower Upper

237 100

235 62.4 44.4 84.4

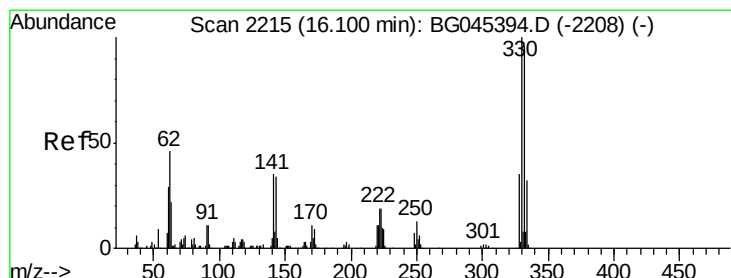
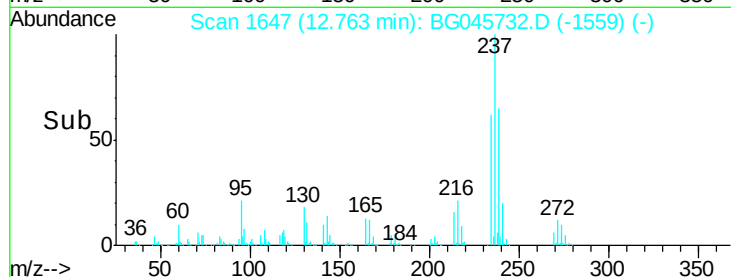
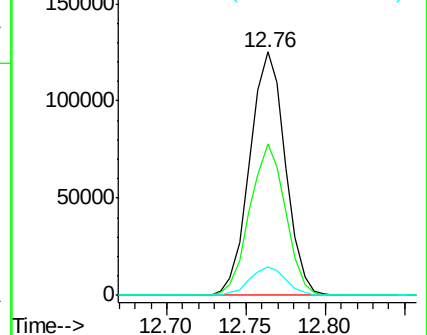
272 12.0 0.0 32.5



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: 168.510 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

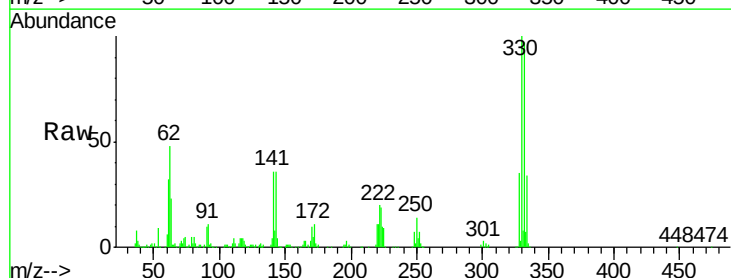
Tgt Ion:330 Resp: 286465

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

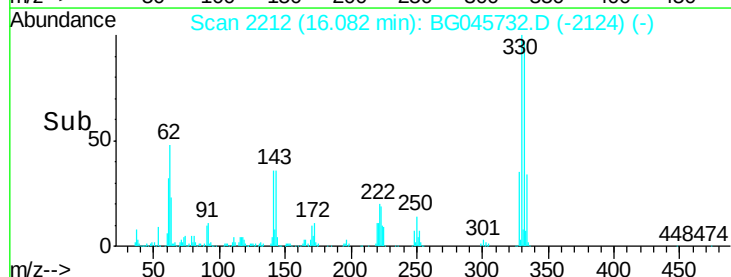
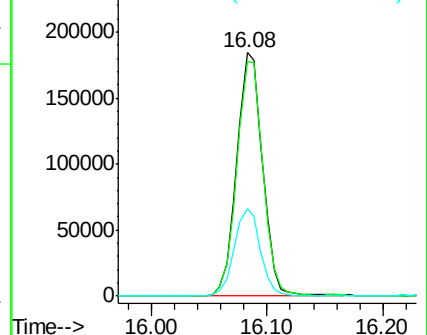
141 35.9 28.2 42.4

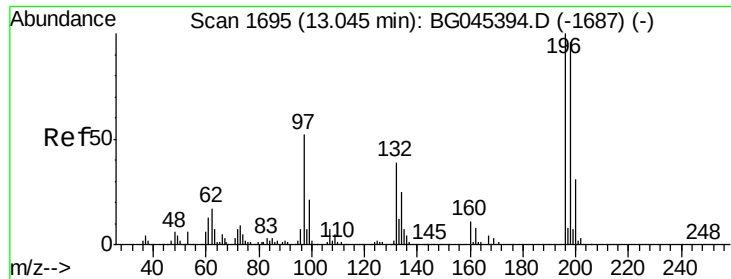


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

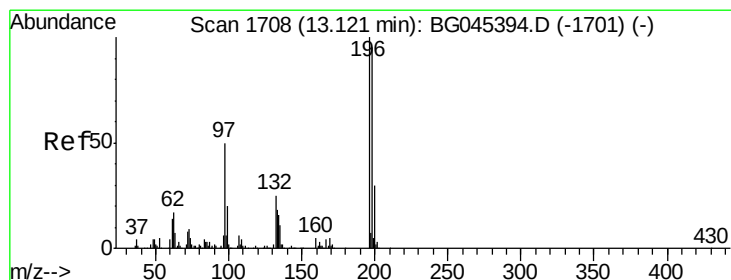
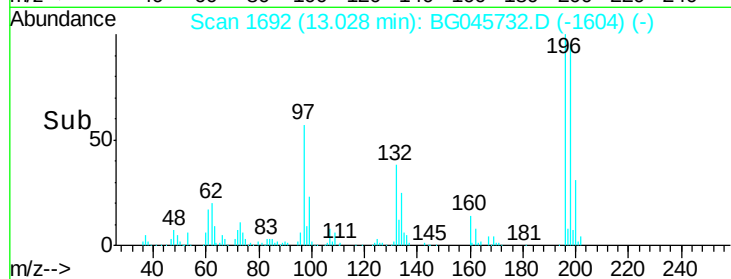
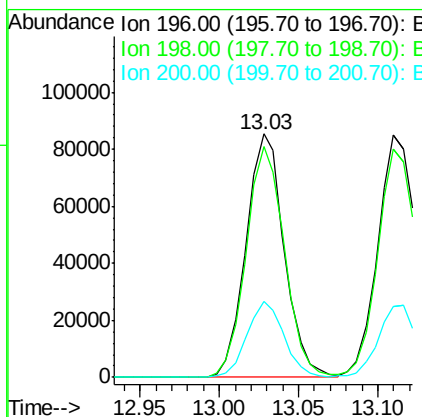
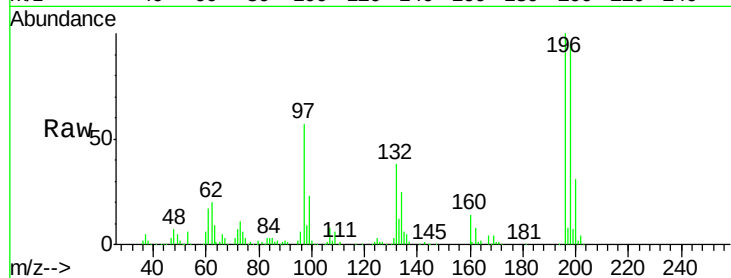




#43
 2,4,6-Trichlorophenol
 Concen: 55.345 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

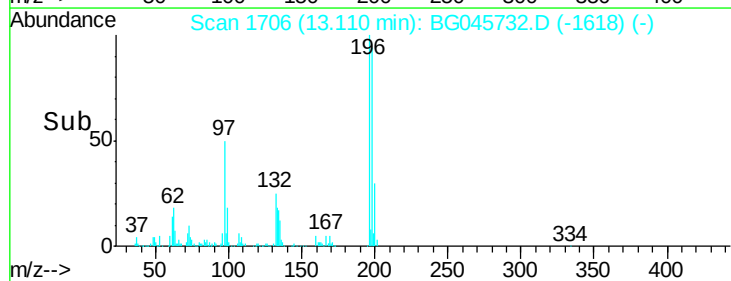
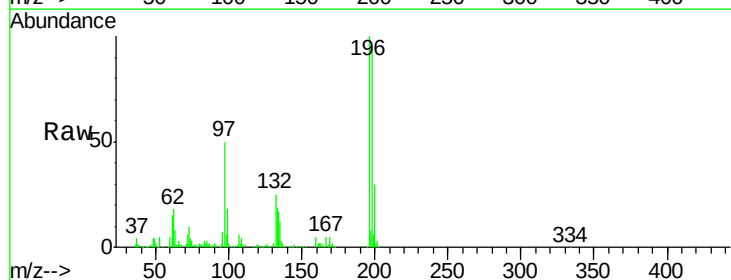
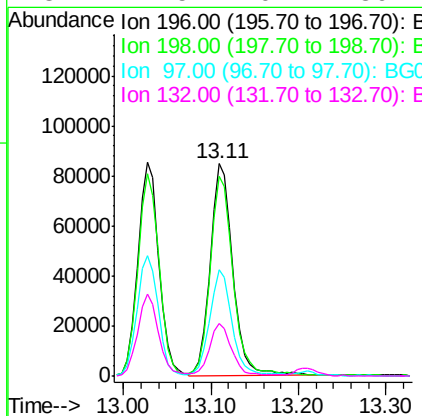
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

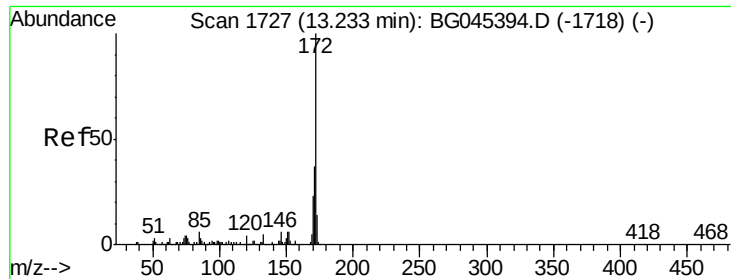
Tot Ion:196 Resp: 142746
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.7 115.1
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.654 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Tgt Ion:196 Resp: 152242
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.1 114.1
 97 50.3 40.0 60.0
 132 24.5 20.2 30.2

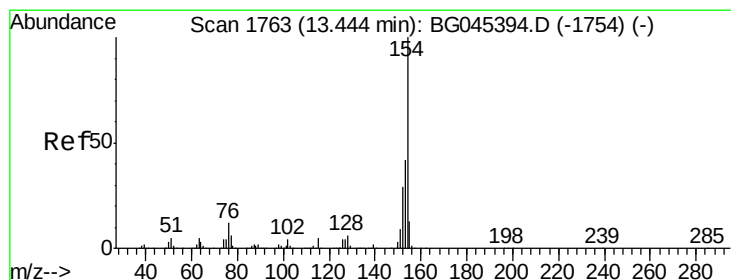
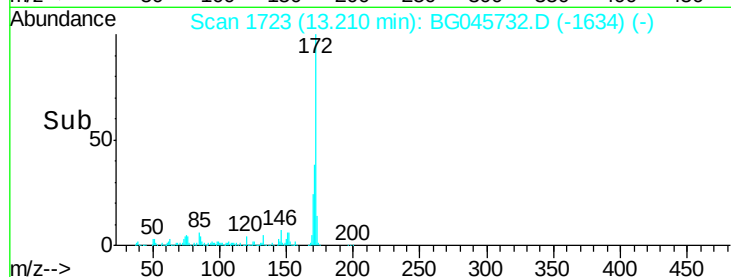
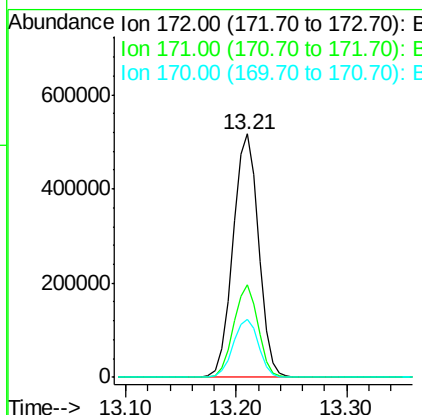
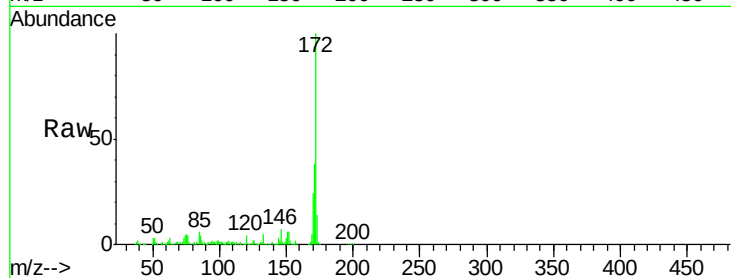




#45
 2-Fluorobiphenyl
 Concen: 107.166 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

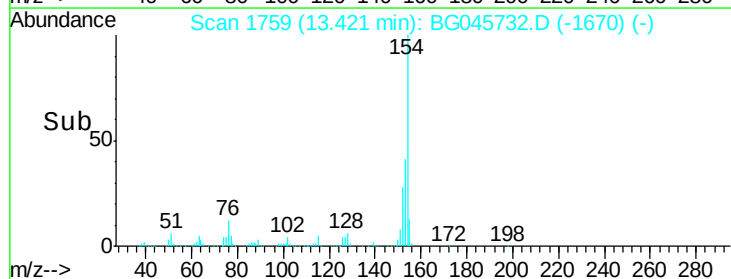
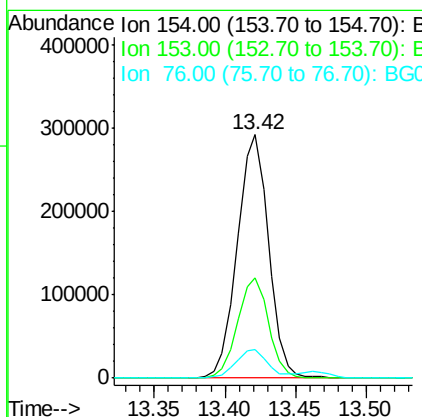
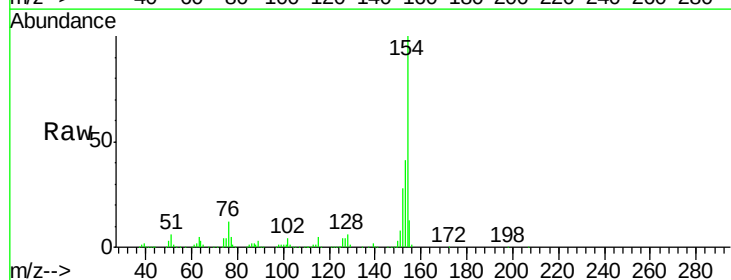
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

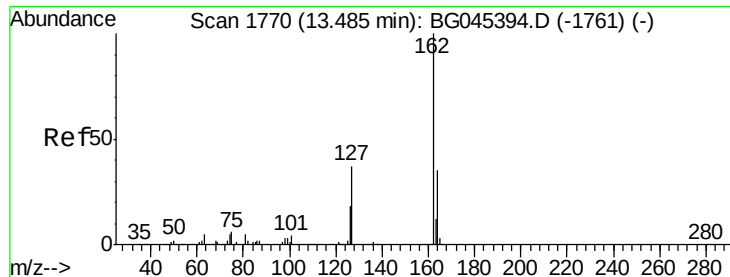
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.5	44.3
170	24.0	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 55.378 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.2	62.2
76	11.8	0.0	32.4

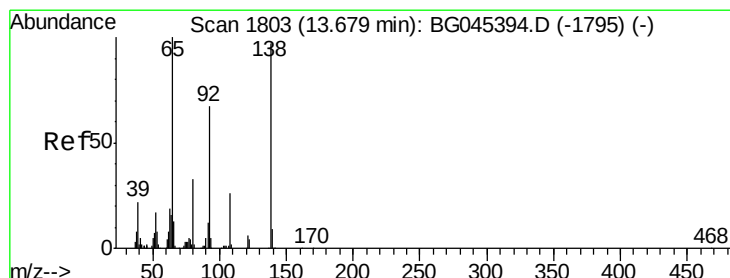
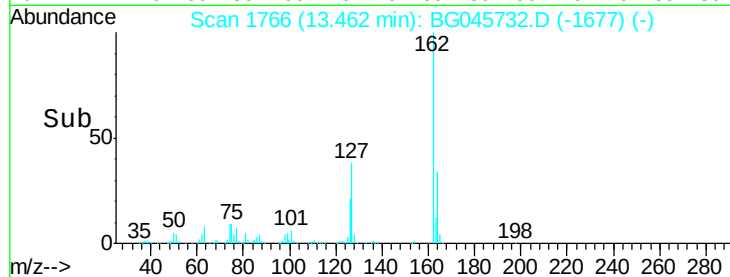
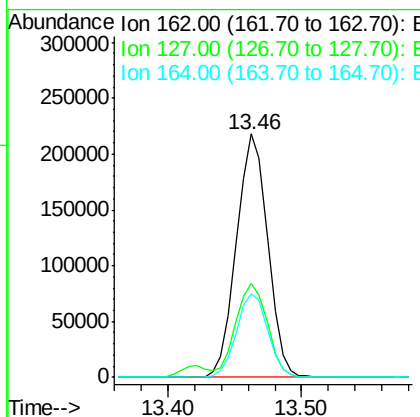
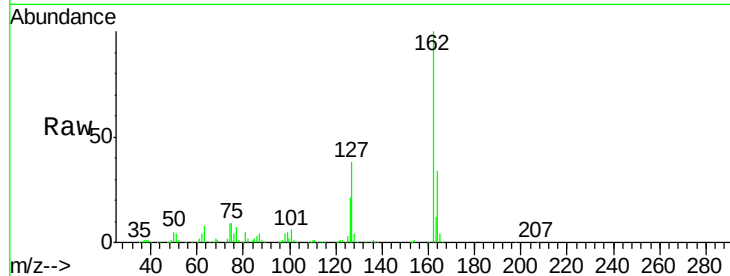




#47
2-Chloronaphthalene
Concen: 53.268 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

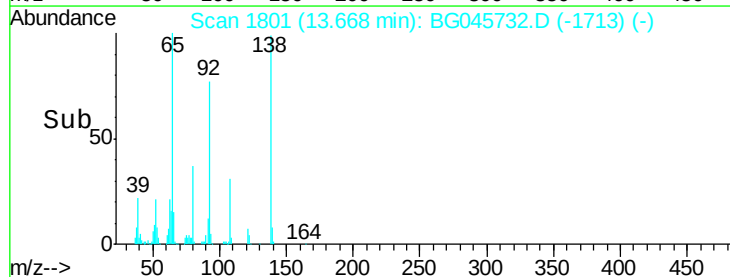
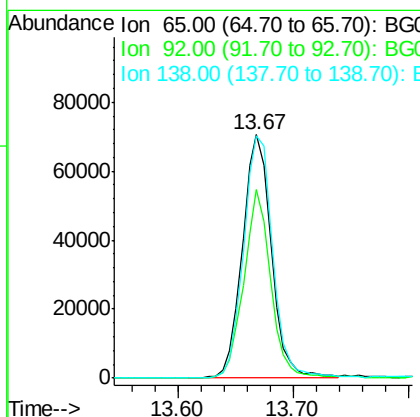
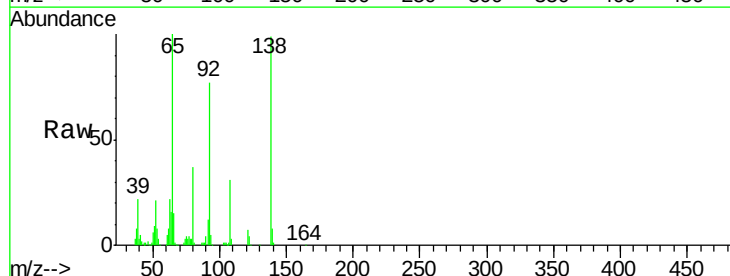
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

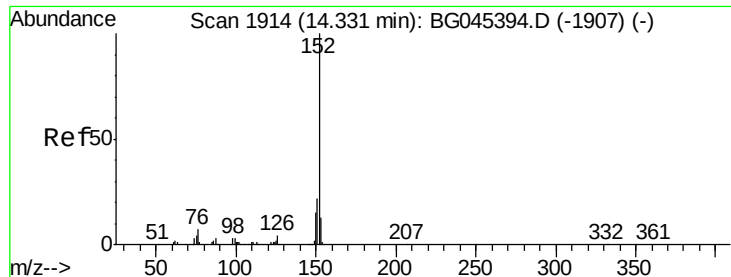
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.6	47.4
164	34.1	28.1	42.1



#48
2-Nitroaniline
Concen: 56.327 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.5	53.8	80.8
138	99.5	77.9	116.9





#49

Acenaphthylene

Concen: 55.004 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

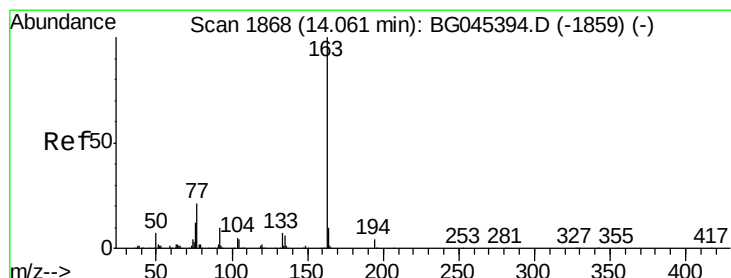
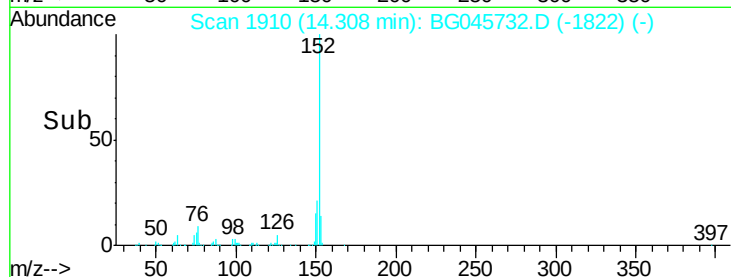
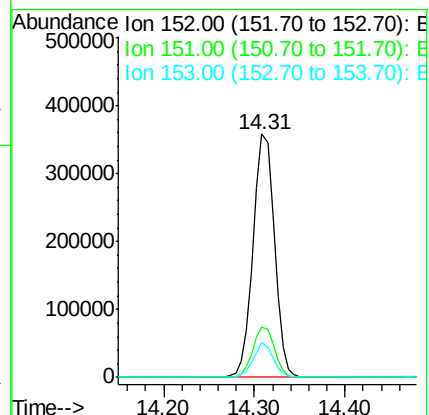
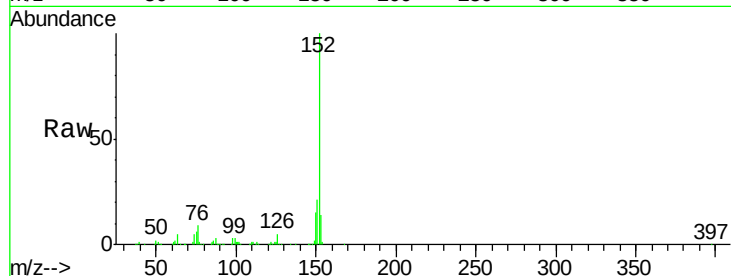
Tot Ion:152 Resp: 585988

Ion Ratio Lower Upper

152 100

151 20.8 17.4 26.2

153 14.5 10.7 16.1



#50

Dimethylphthalate

Concen: 66.897 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

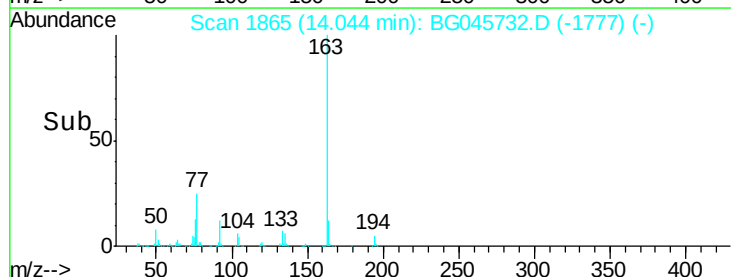
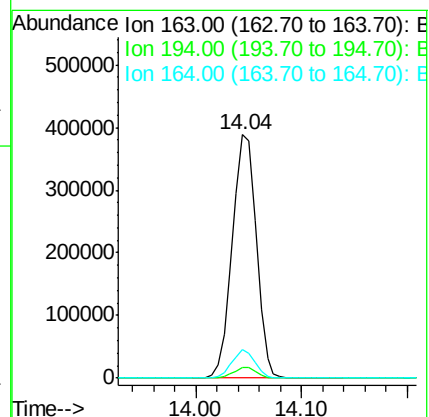
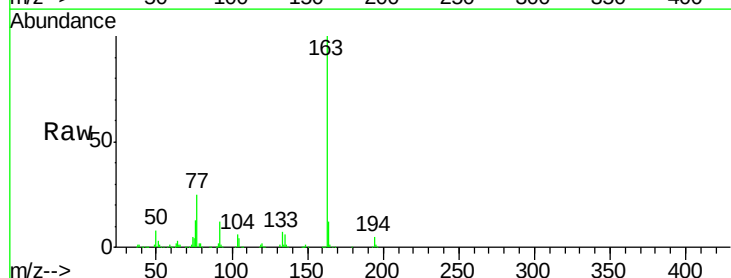
Tgt Ion:163 Resp: 610009

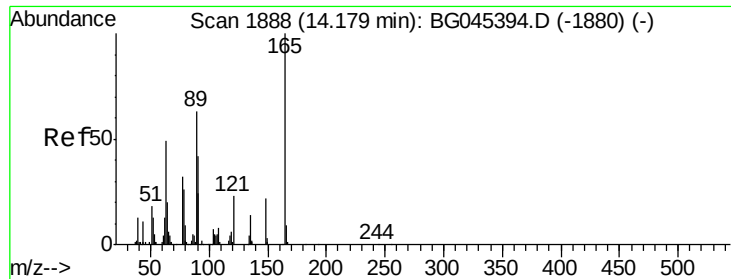
Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

164 11.8 8.3 12.5

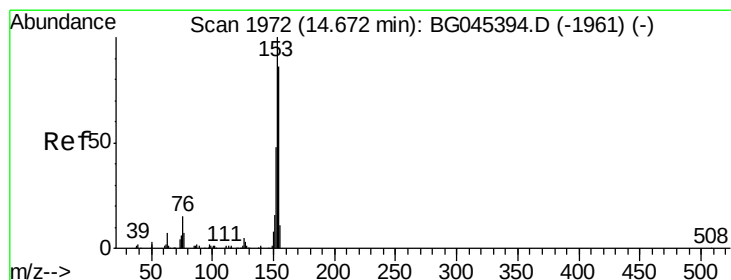
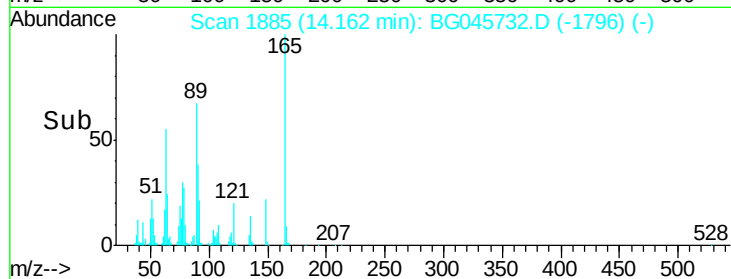
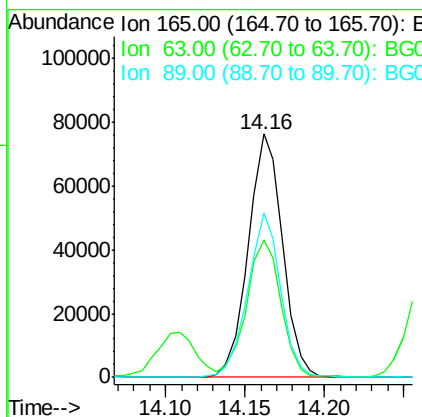
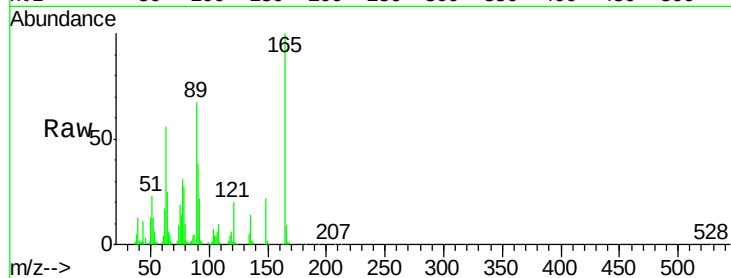




#51
 2,6-Dinitrotoluene
 Concen: 55.633 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

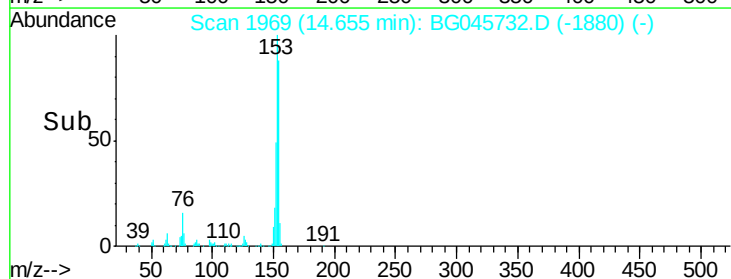
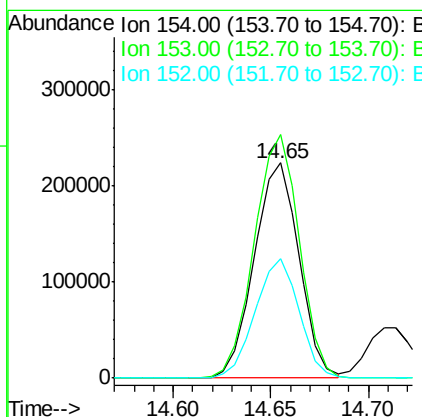
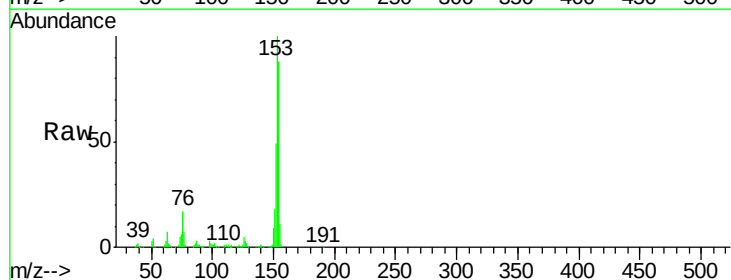
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

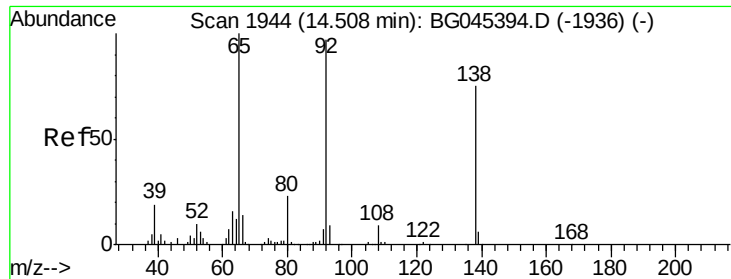
Tot Ion:165 Resp: 114472
 Ion Ratio Lower Upper
 165 100
 63 56.2 45.0 67.4
 89 67.4 50.2 75.4



#52
 Acenaphthene
 Concen: 49.943 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Tgt Ion:154 Resp: 356157
 Ion Ratio Lower Upper
 154 100
 153 113.3 92.8 139.2
 152 55.6 44.6 66.8





#53

3-Nitroaniline

Concen: 20.451 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

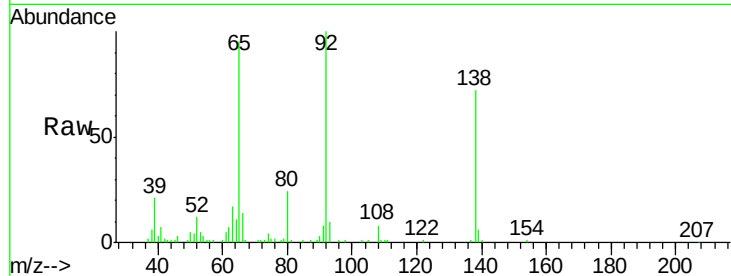
Tot Ion:138 Resp: 42776

Ion Ratio Lower Upper

138 100

108 11.2 9.8 14.6

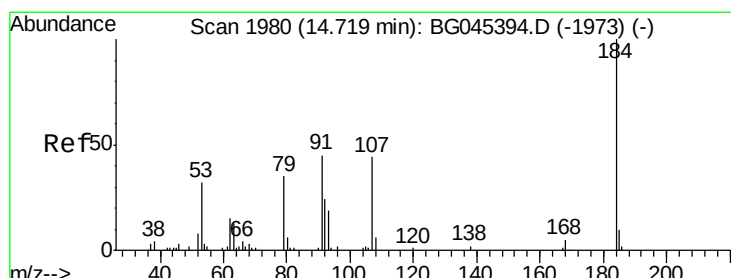
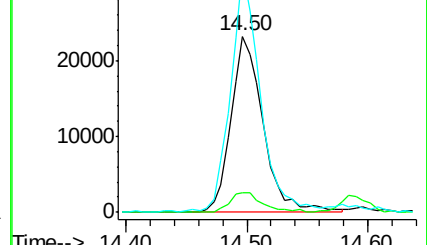
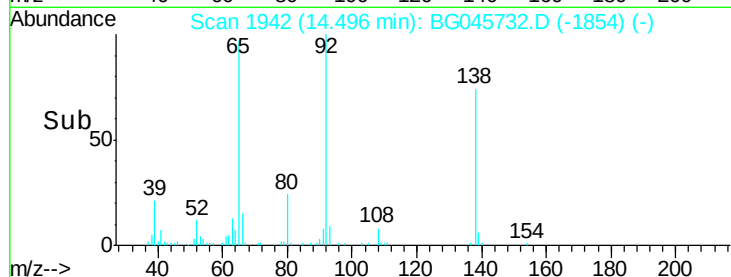
92 138.1 103.0 154.4



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): BGC



#54

2,4-Dinitrophenol

Concen: 97.272 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

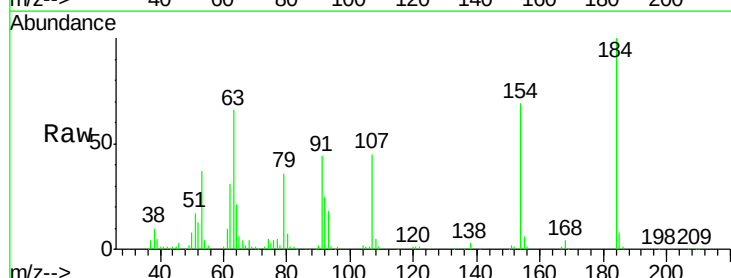
Tgt Ion:184 Resp: 132817

Ion Ratio Lower Upper

184 100

63 66.3 47.8 71.6

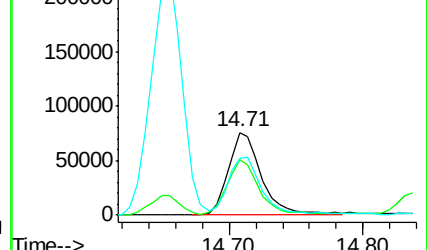
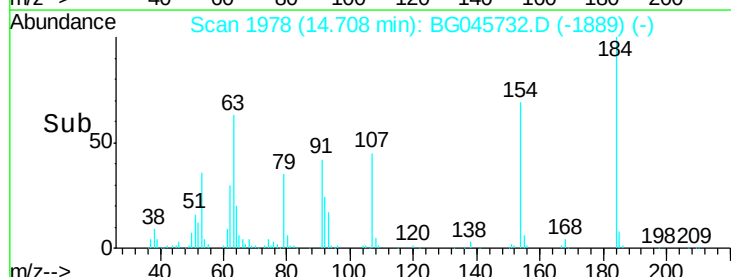
154 68.8 58.3 87.5

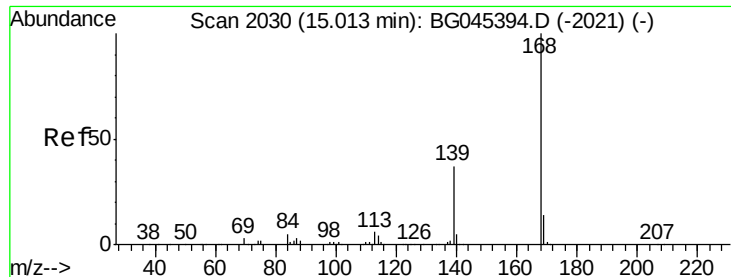


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

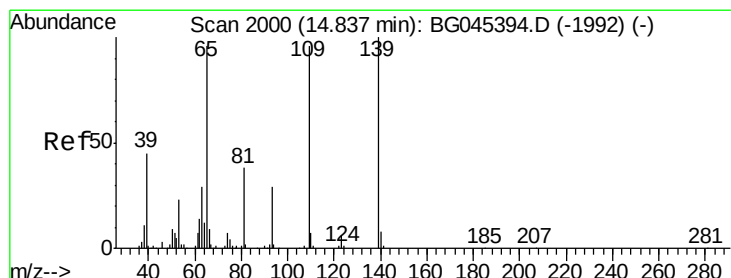
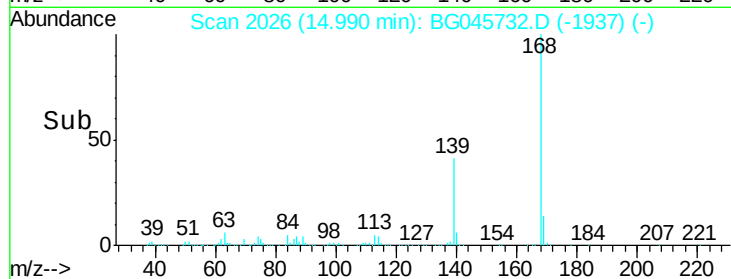
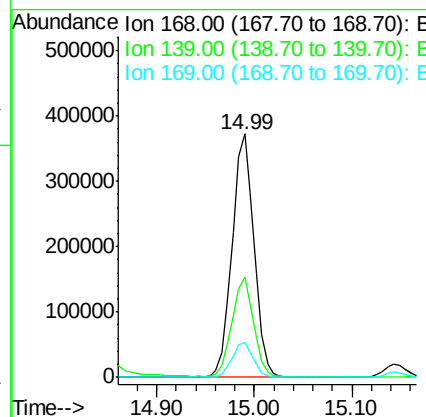
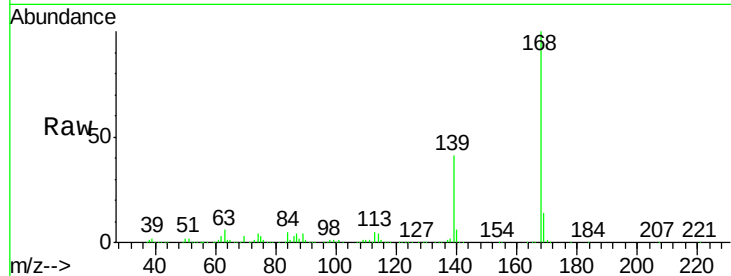




#55
Dibenzenofuran
Concen: 54.616 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

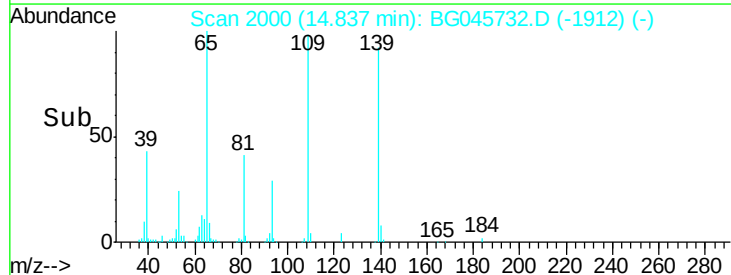
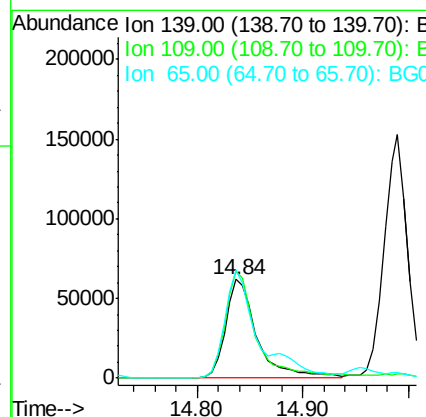
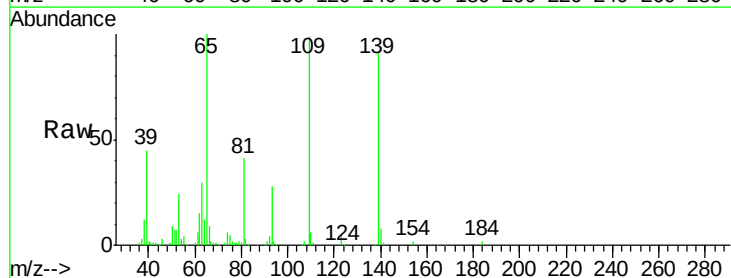
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

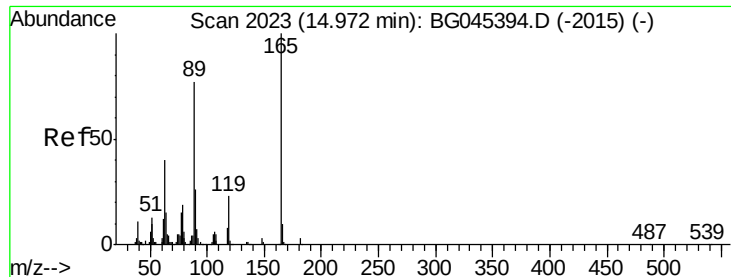
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	29.9	44.9
169	14.4	10.9	16.3



#56
4-Nitrophenol
Concen: 80.575 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.1	75.6	115.6
65	109.5	76.8	116.8

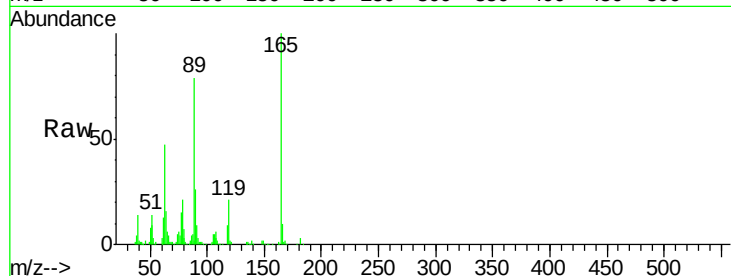




#57
2,4-Dinitrotoluene
Concen: 55.145 ng
RT: 14.95 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

Tot Ion:165	Resp: 164333
Ion Ratio	Lower Upper
165 100	
63 46.6	32.5 48.7
89 78.8	61.8 92.6
182 2.9	2.3 3.5

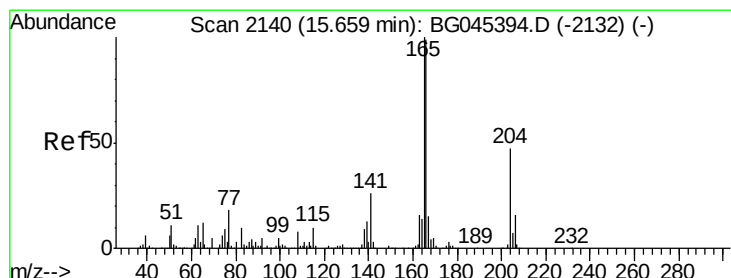
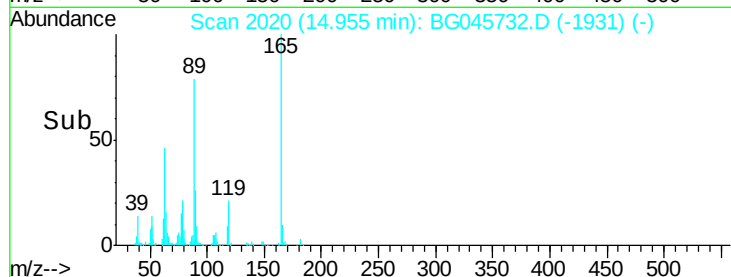
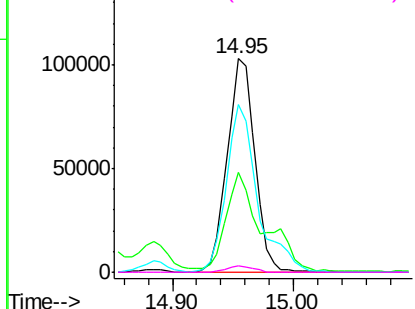


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

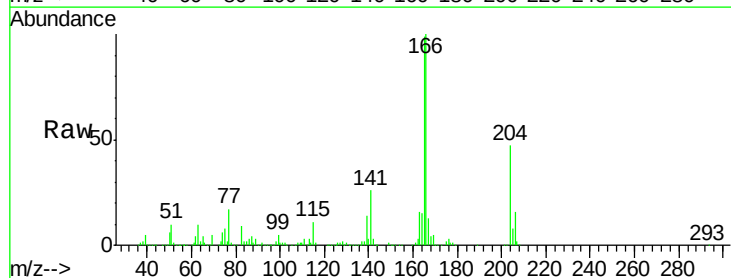
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 57.070 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

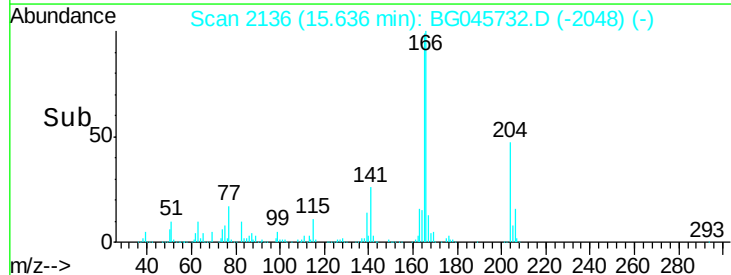
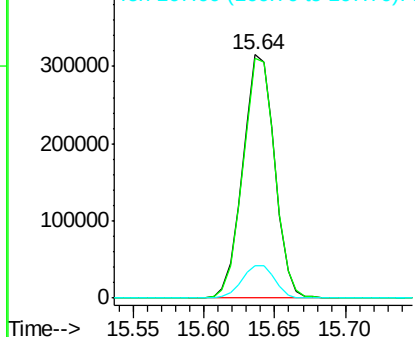
Tgt	Ion:166	Resp:	496526
Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.8	121.2
167	13.2	12.0	18.0

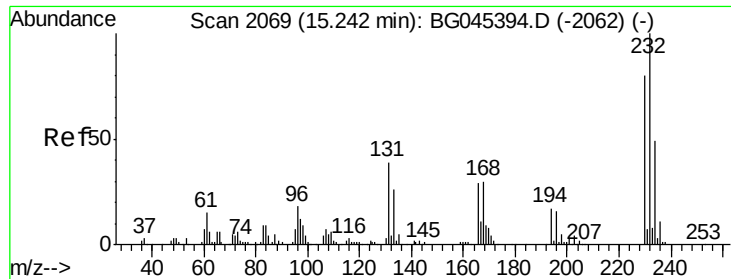


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

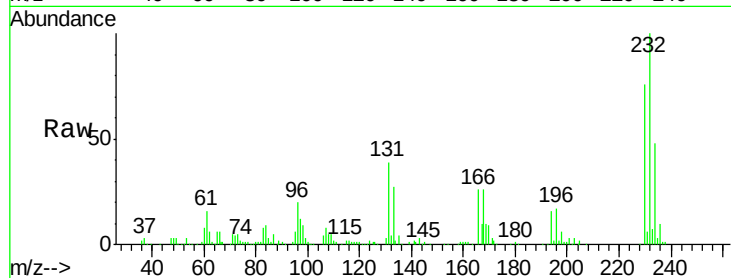




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.382 ng
 RT: 15.22 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.7	50.5
130	2.6	2.1	3.1
166	27.7	23.2	34.8



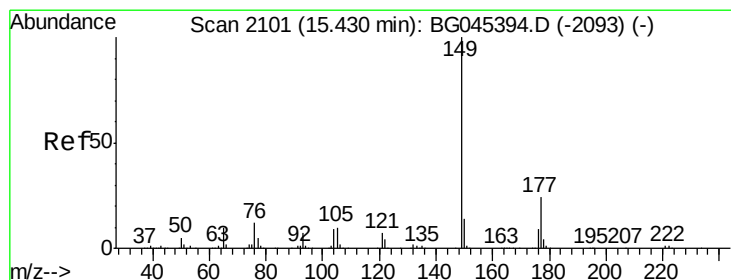
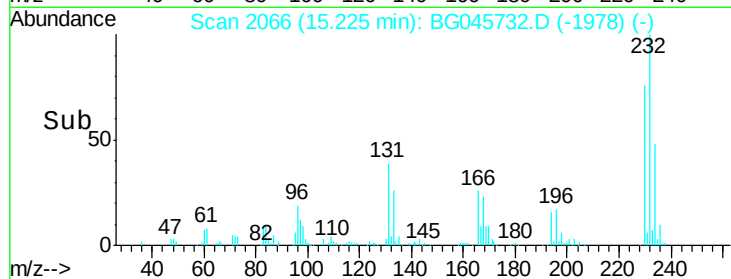
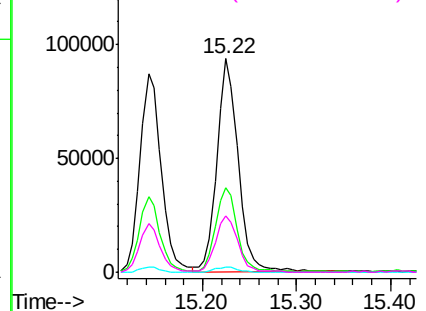
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

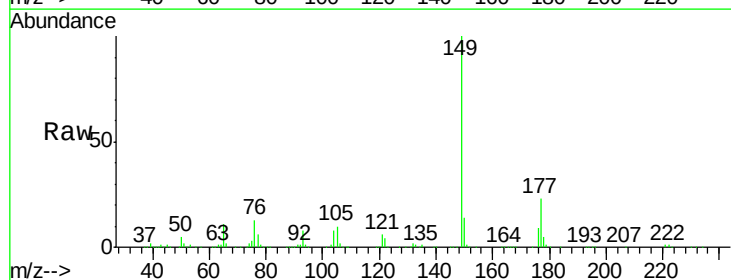
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 55.324 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.0	28.4
150	13.7	11.4	17.0

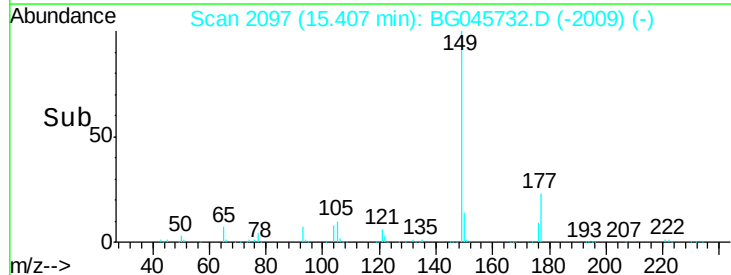
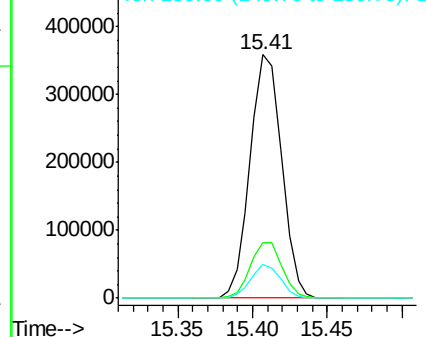


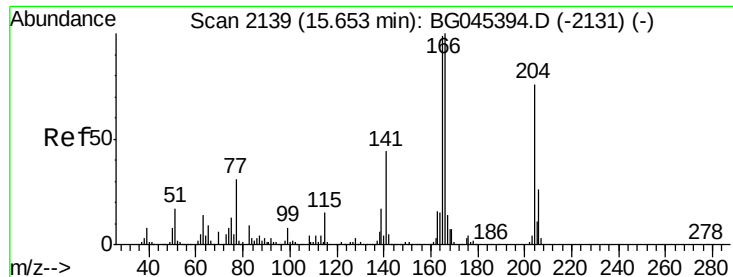
Abundance

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

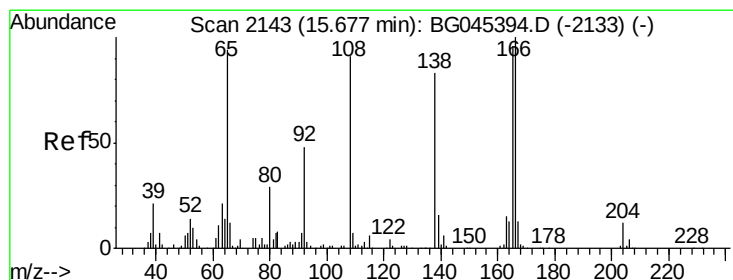
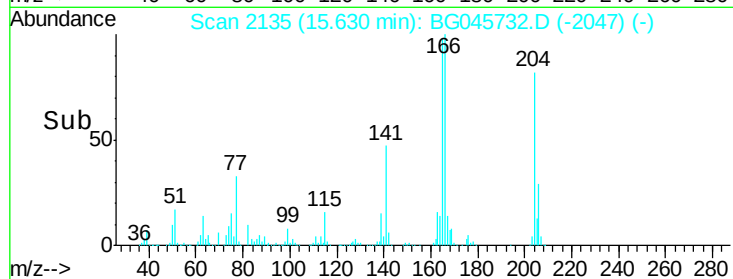
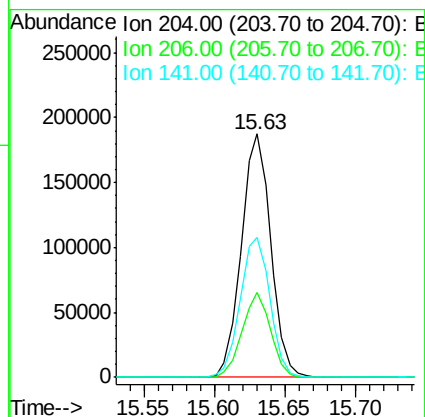
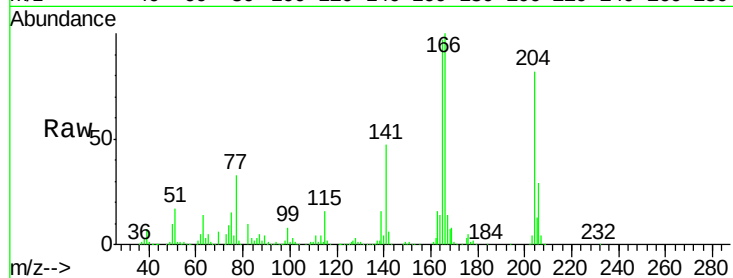




#61
4-Chlorophenyl-phenylether
Concen: 54.798 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

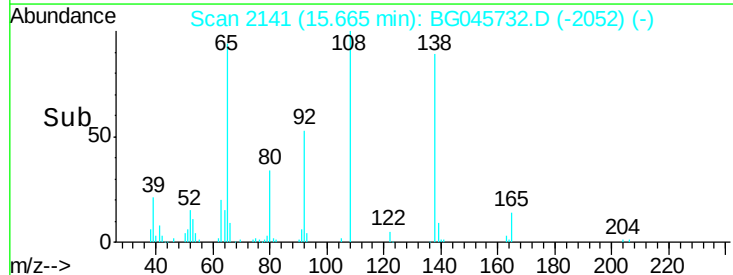
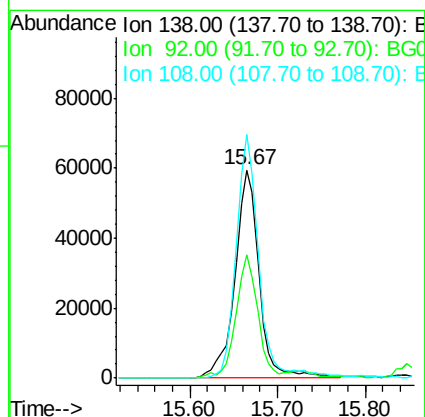
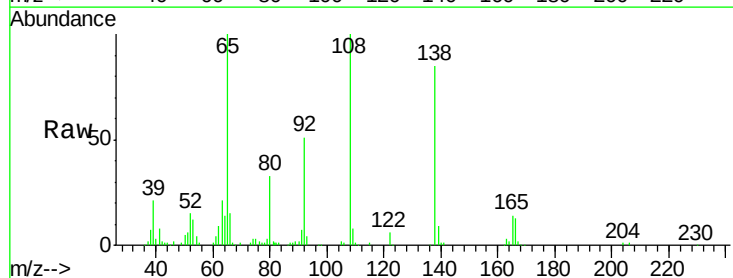
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

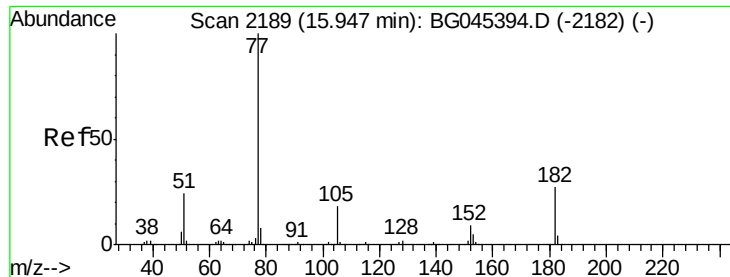
Tot Ion:204 Resp: 272817
Ion Ratio Lower Upper
204 100
206 34.9 27.3 40.9
141 57.5 45.9 68.9



#62
4-Nitroaniline
Concen: 50.908 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion:138 Resp: 111164
Ion Ratio Lower Upper
138 100
92 59.2 38.0 78.0
108 117.0 89.3 129.3





#63

Azobenzene

Concen: 57.422 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

Tot Ion: 77 Resp: 508182

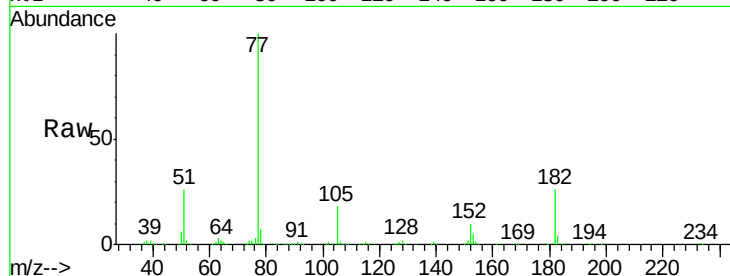
Ion Ratio Lower Upper

77 100

182 26.4 6.5 46.5

105 18.3 0.0 37.9

51 26.3 4.1 44.1

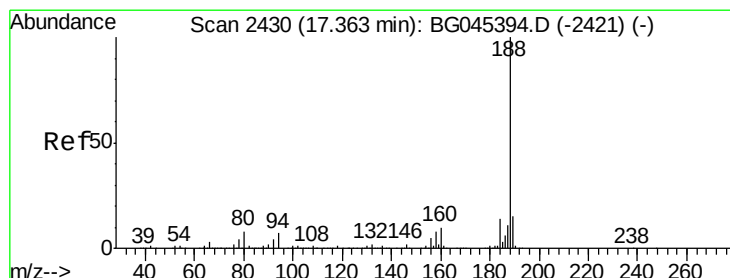
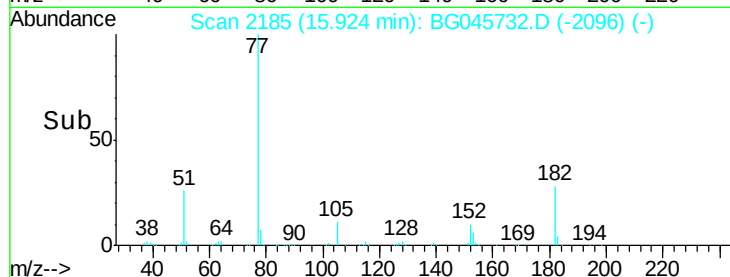
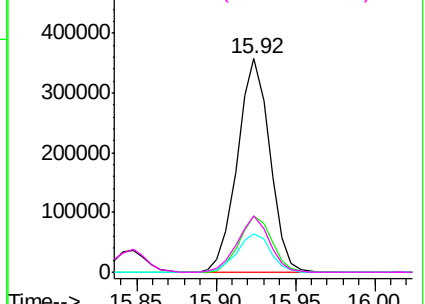


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045732.D

Acq: 11 Jun 2020 22:19

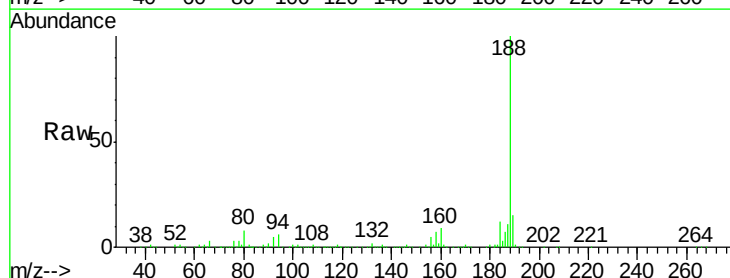
Tgt Ion: 188 Resp: 327466

Ion Ratio Lower Upper

188 100

94 6.5 5.5 8.3

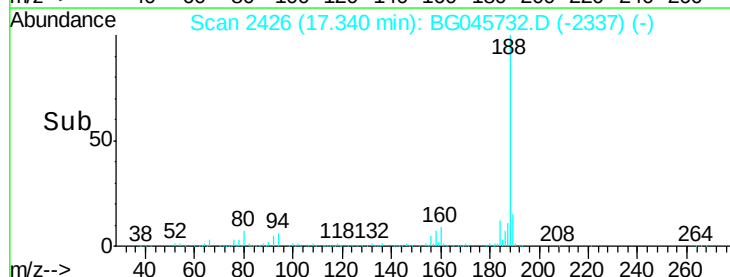
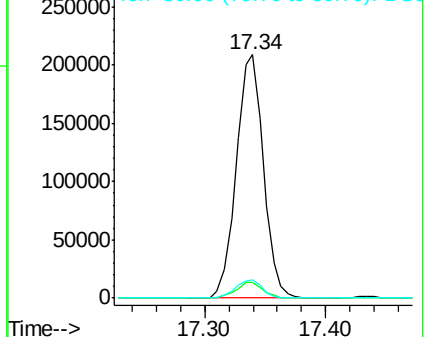
80 7.5 6.6 10.0

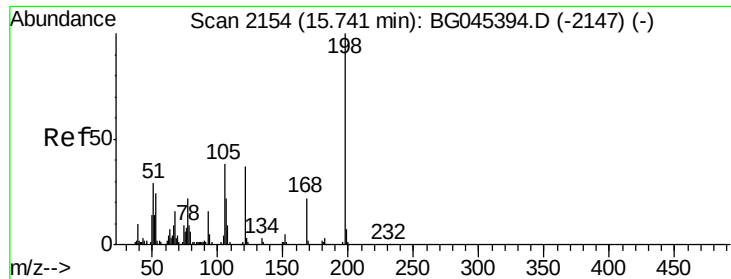


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 56.493 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

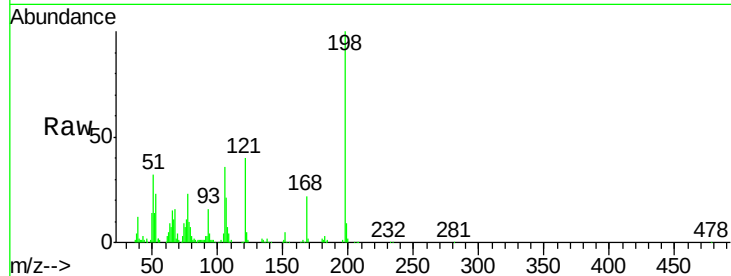
Tot Ion:198 Resp: 107741

Ion Ratio Lower Upper

198 100

51 32.3 10.0 50.0

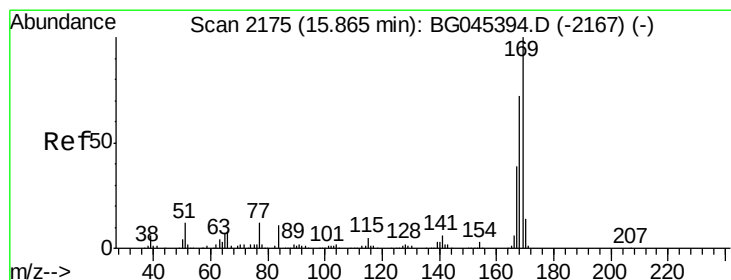
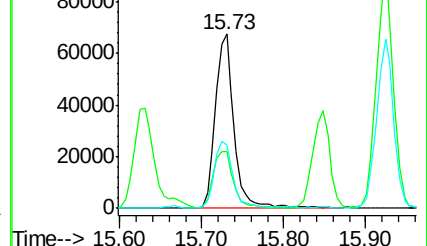
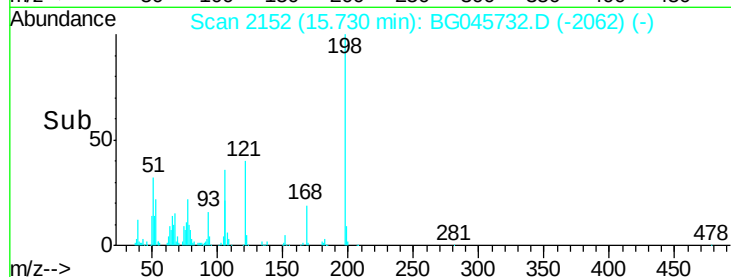
105 36.1 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 56.550 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

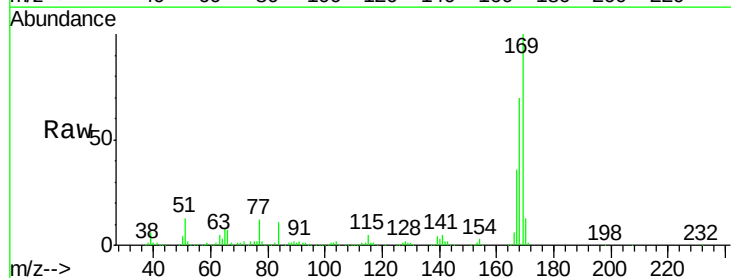
Tgt Ion:169 Resp: 444622

Ion Ratio Lower Upper

169 100

168 70.2 57.8 86.6

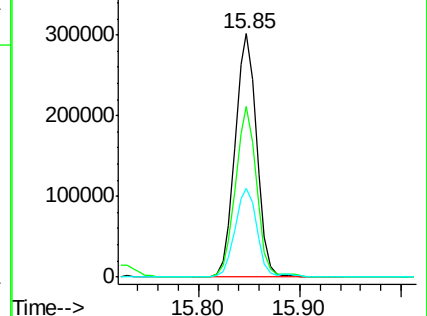
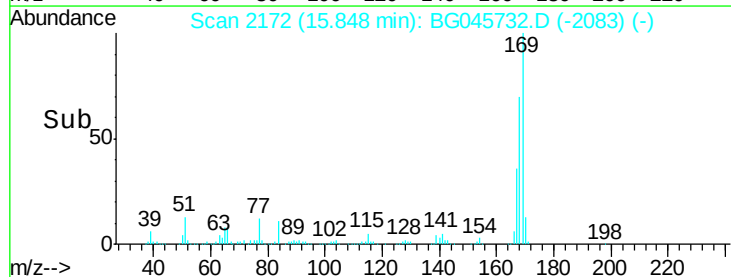
167 36.5 31.5 47.3

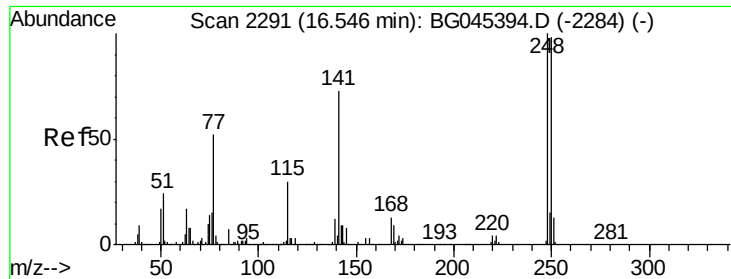


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

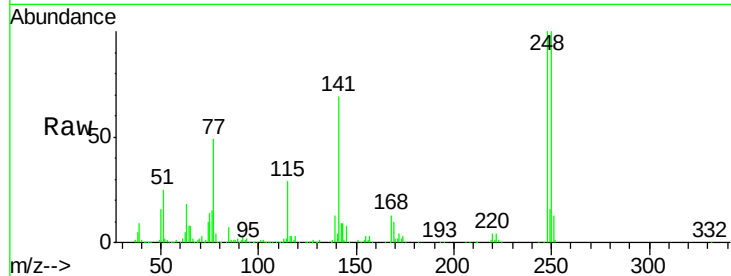




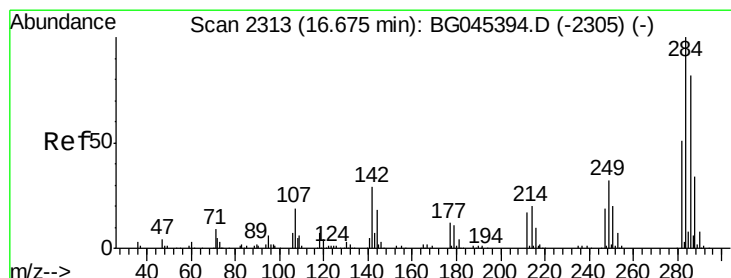
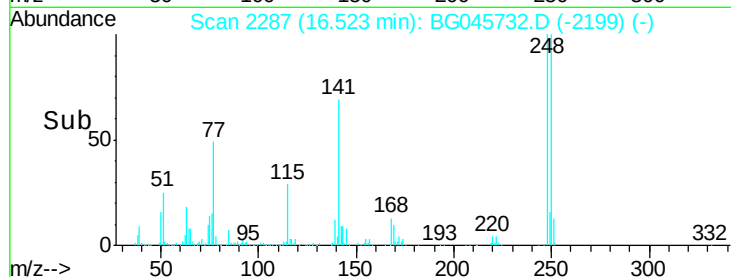
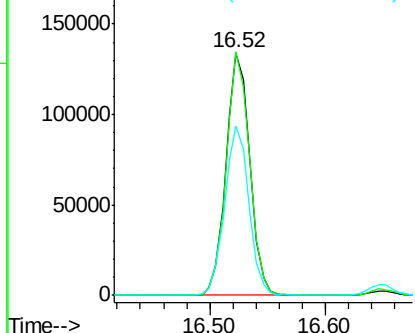
#67
4-Bromophenyl-phenylether
Concen: 53.802 ng
RT: 16.52 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

Tot Ion:248 Resp: 190778
Ion Ratio Lower Upper
248 100
250 100.2 78.6 117.8
141 69.5 58.2 87.2

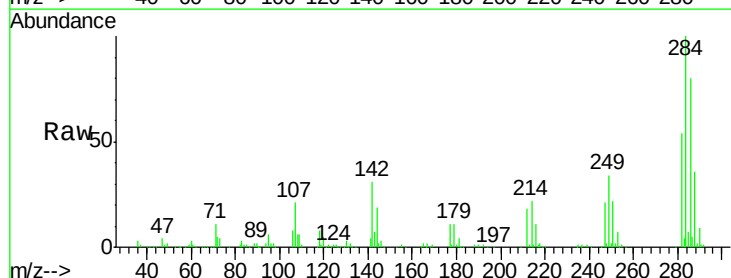


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

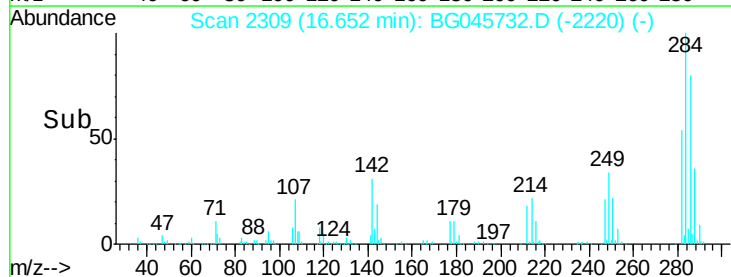
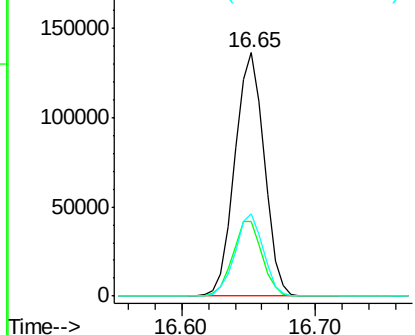


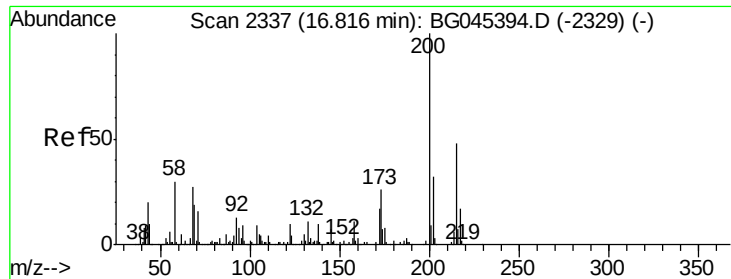
#68
Hexachlorobenzene
Concen: 55.969 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion:284 Resp: 207574
Ion Ratio Lower Upper
284 100
142 30.9 23.0 34.6
249 33.7 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

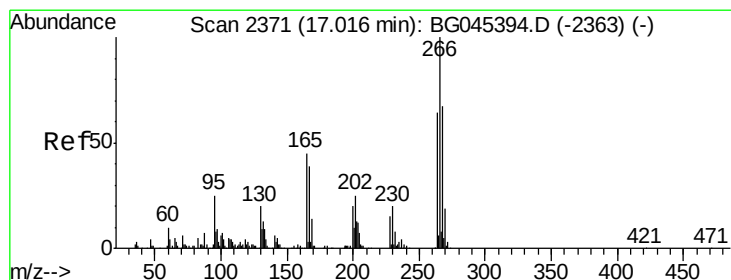
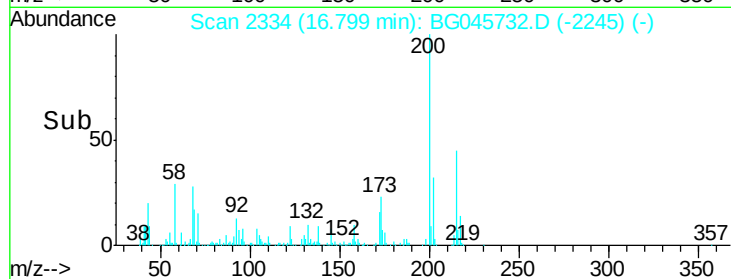
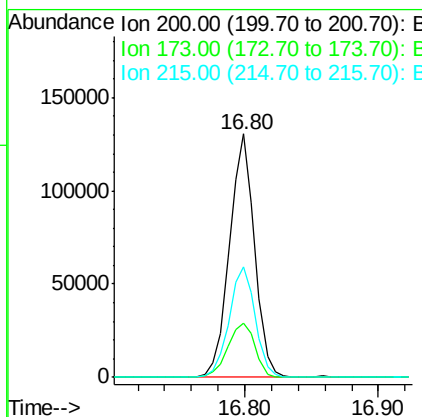
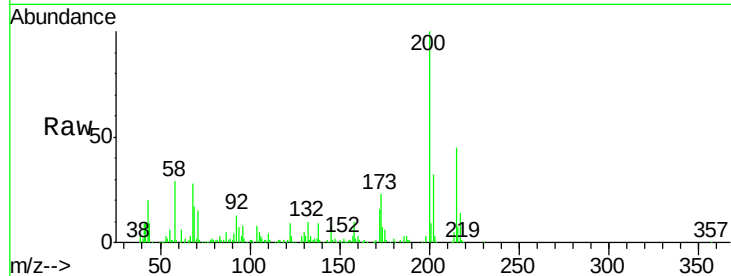




#69
Atrazine
Concen: 53.008 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

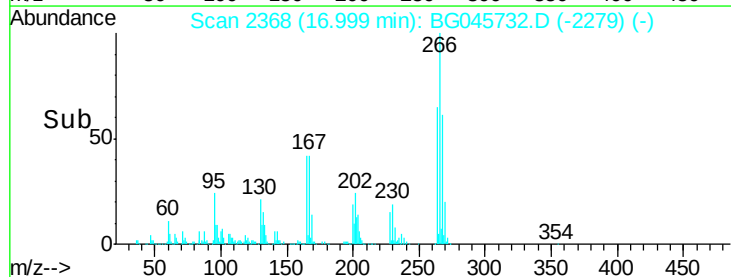
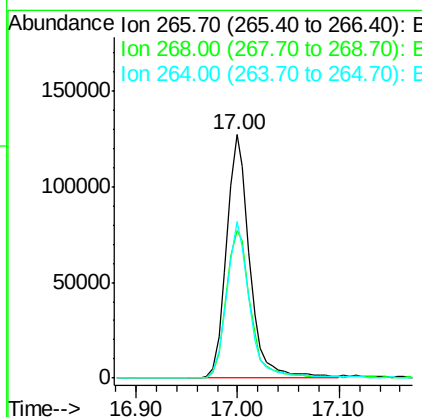
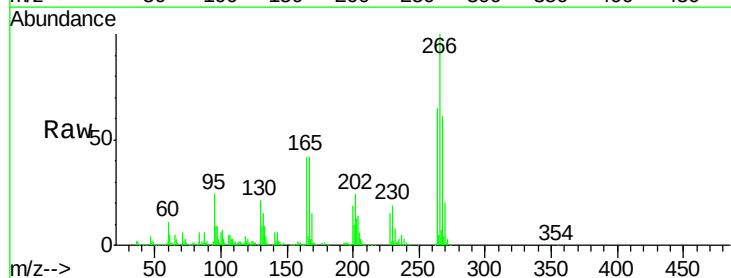
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

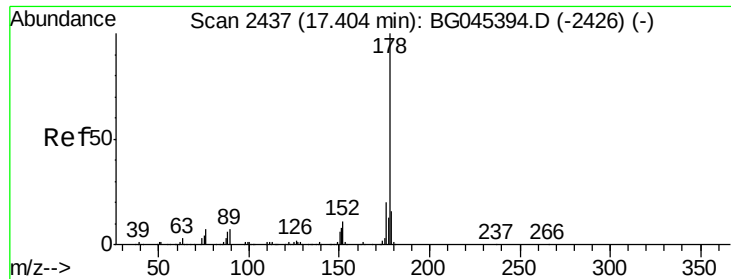
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.5	5.5	45.5
215	45.2	28.2	68.2



#70
Pentachlorophenol
Concen: 105.134 ng
RT: 17.00 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.7	53.2	79.8
264	64.5	51.0	76.4





#71

Phenanthrene

Concen: 56.494 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

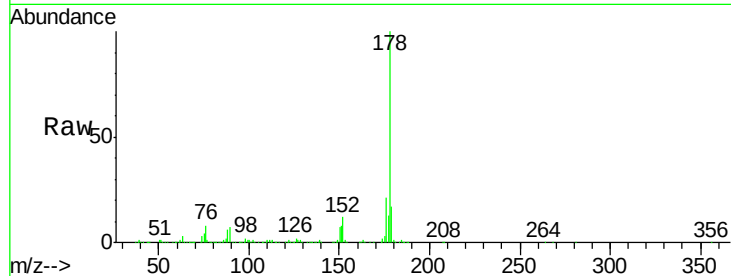
Tot Ion:178 Resp: 807617

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

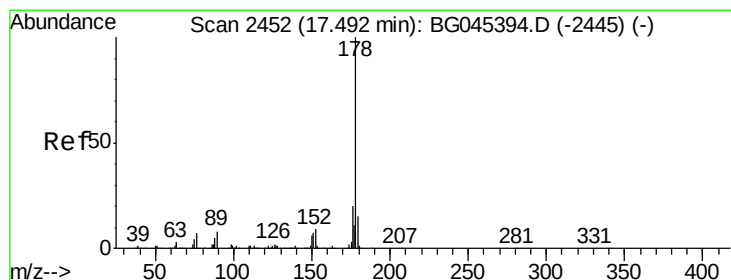
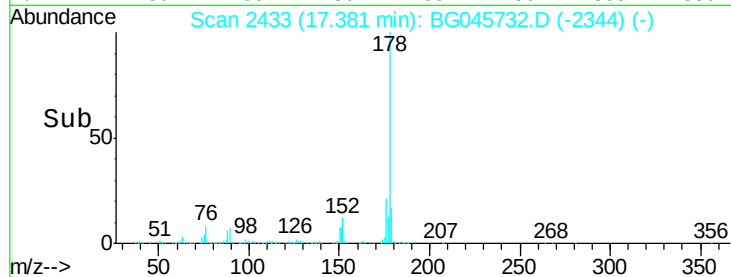
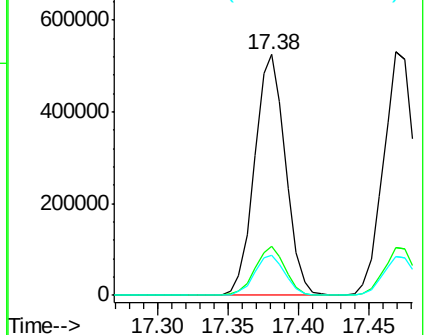
179 16.9 13.1 19.7



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: 56.905 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

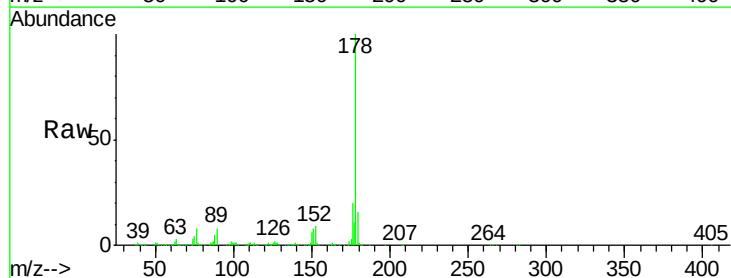
Tgt Ion:178 Resp: 816944

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

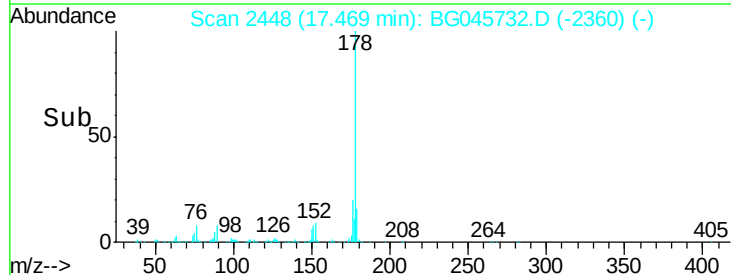
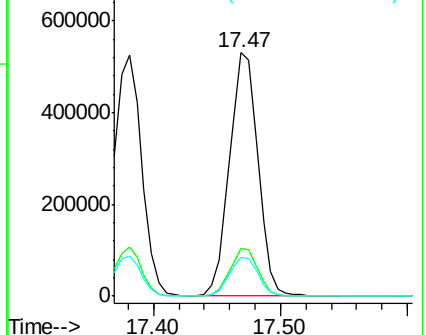
179 16.0 12.2 18.4

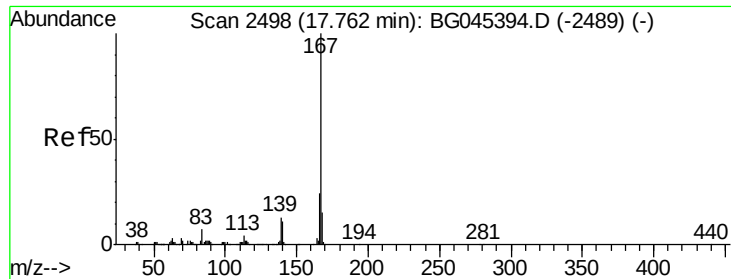


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

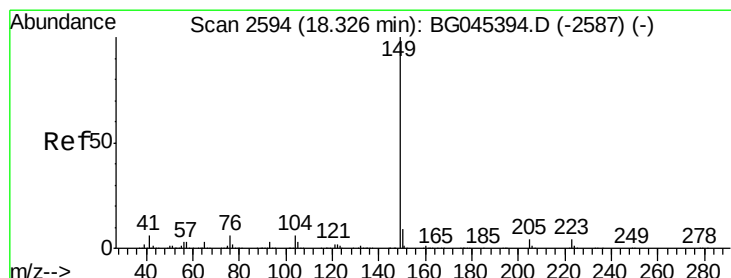
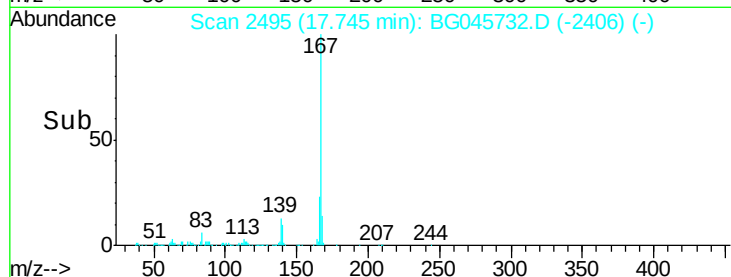
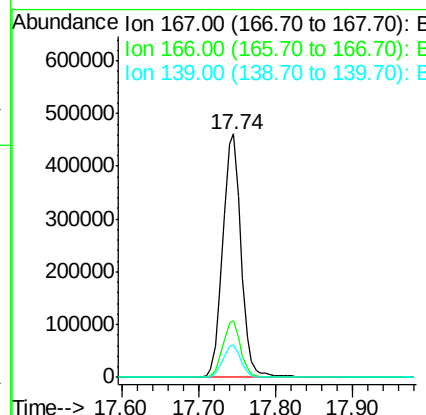
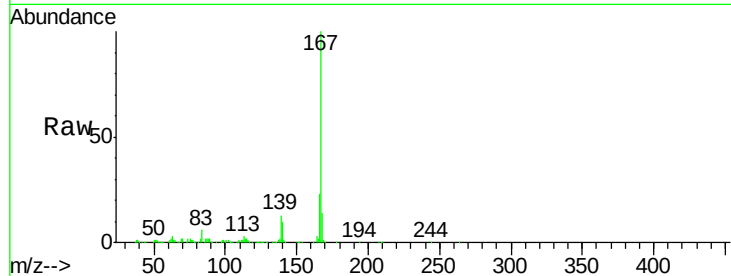




#73
 Carbazole
 Concen: 54.240 ng
 RT: 17.74 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

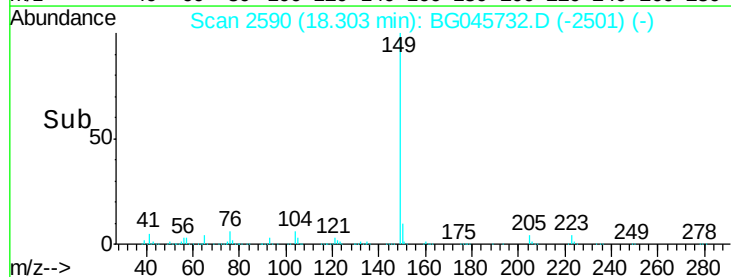
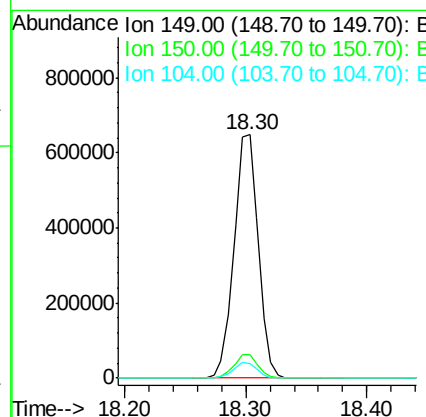
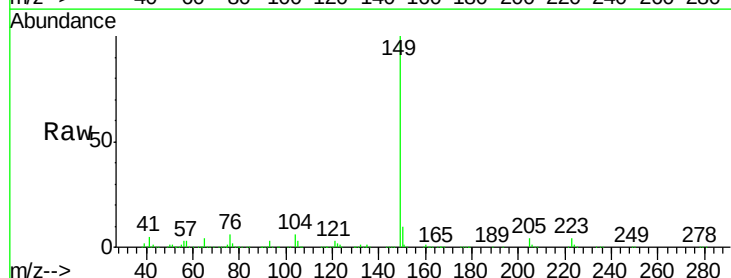
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MS

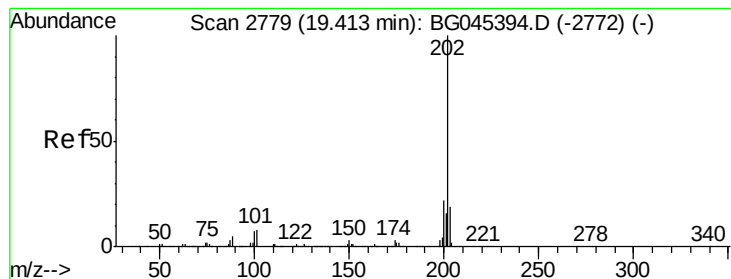
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.2	28.8
139	13.5	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 53.861 ng
 RT: 18.30 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045732.D
 Acq: 11 Jun 2020 22:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 55.235 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

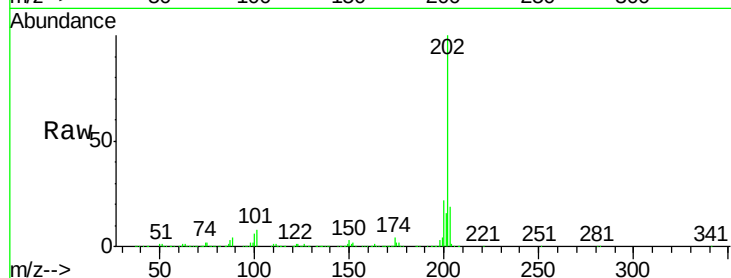
Tot Ion:202 Resp: 1004357

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.3

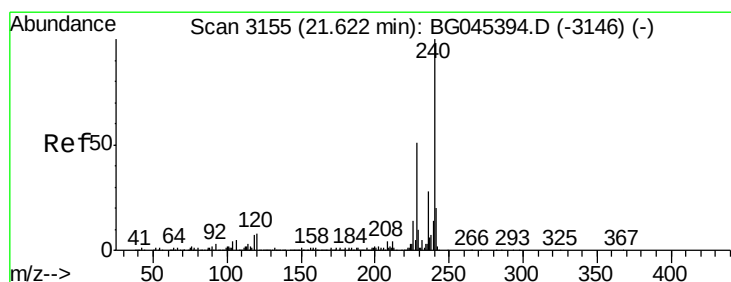
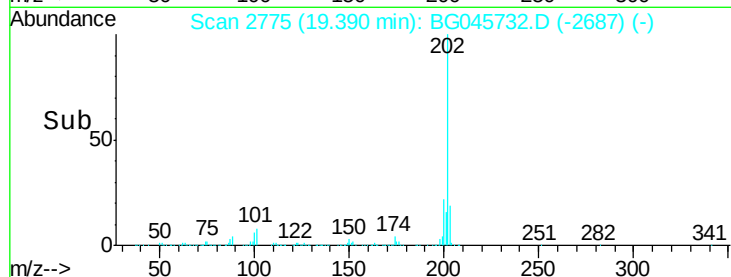
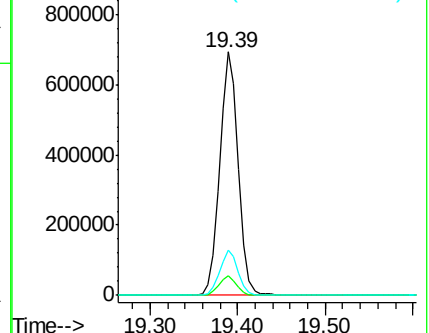
203 18.6 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

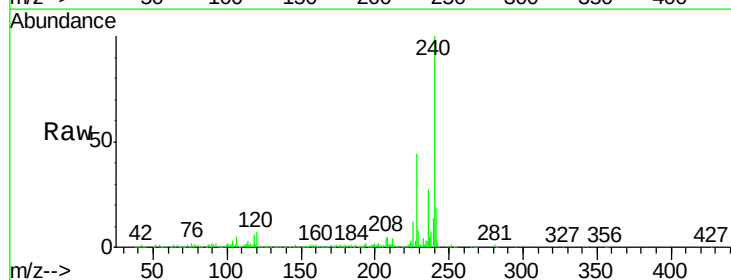
Tgt Ion:240 Resp: 302864

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

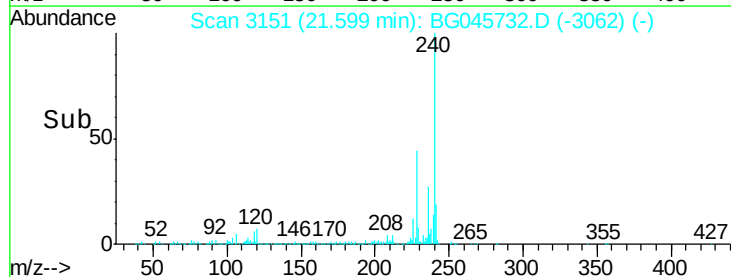
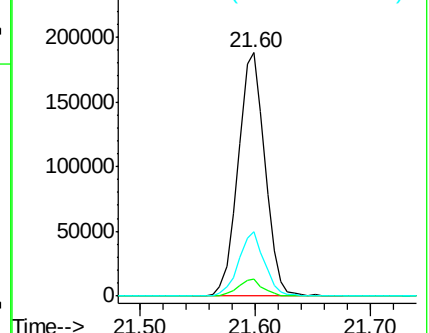
236 26.7 22.3 33.5

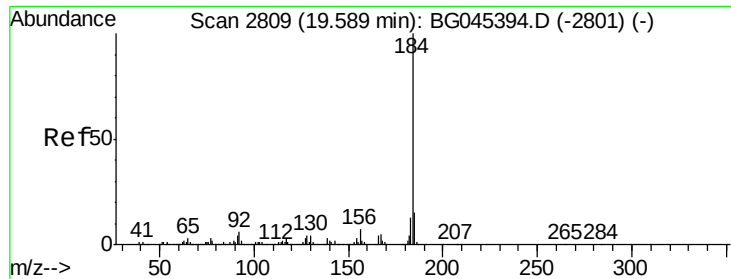


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.610 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

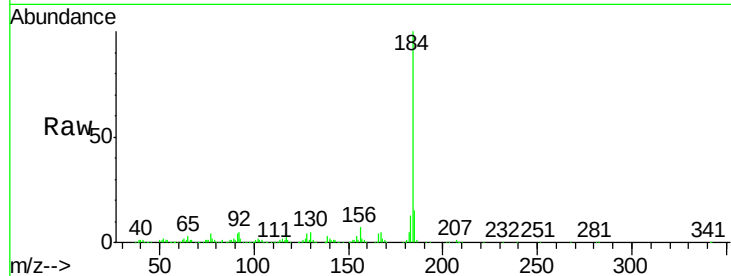
Tot Ion:184 Resp: 345434

Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

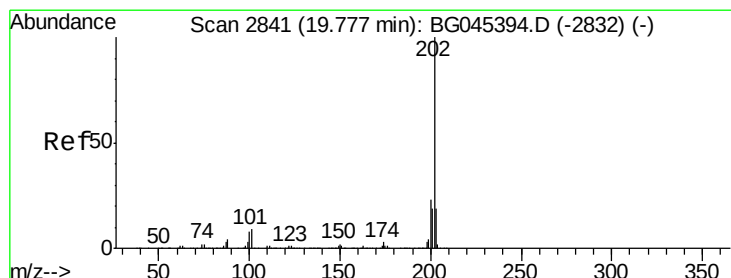
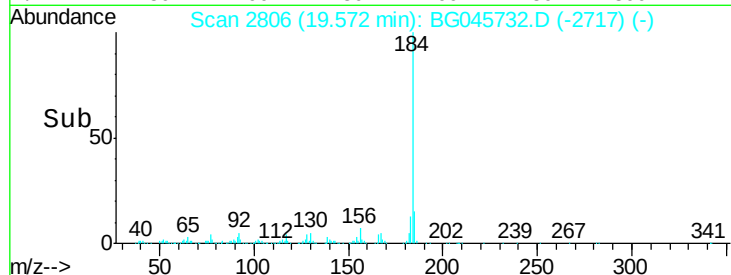
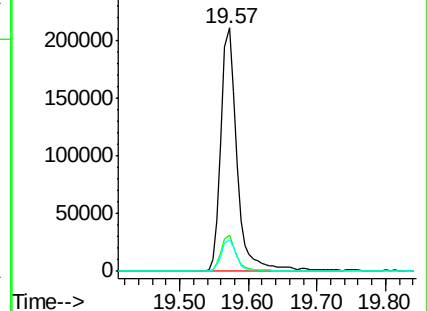
183 12.6 10.2 15.4



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: 57.050 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

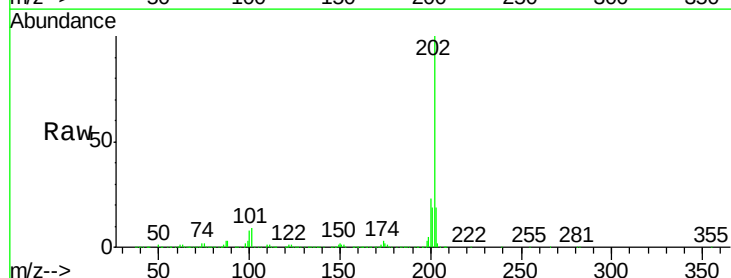
Tgt Ion:202 Resp: 984944

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.2

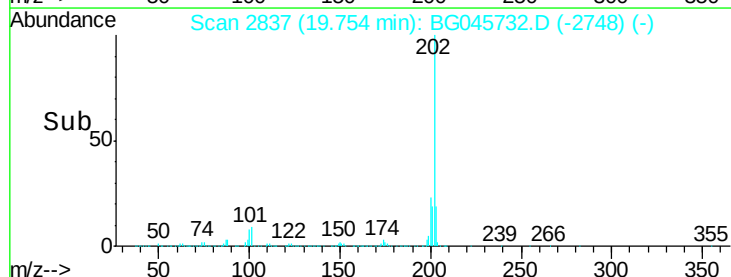
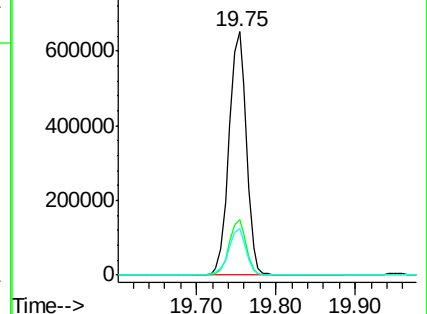
203 18.8 15.1 22.7

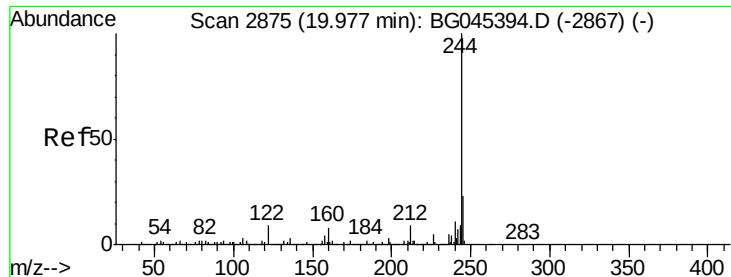


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 116.511 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

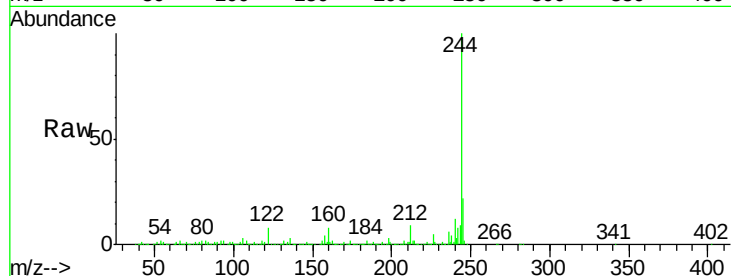
Tot Ion:244 Resp: 1512971

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

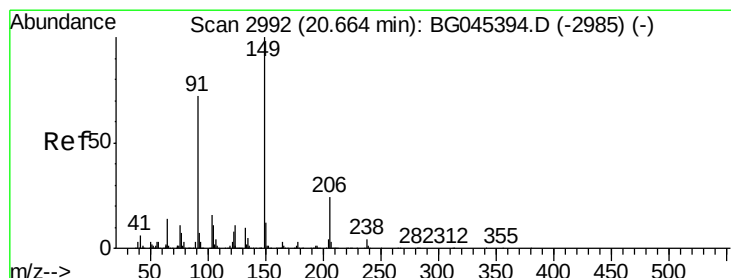
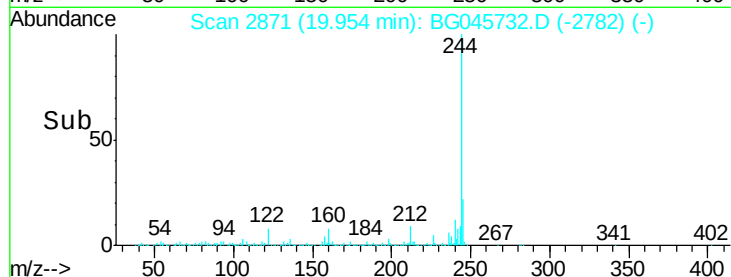
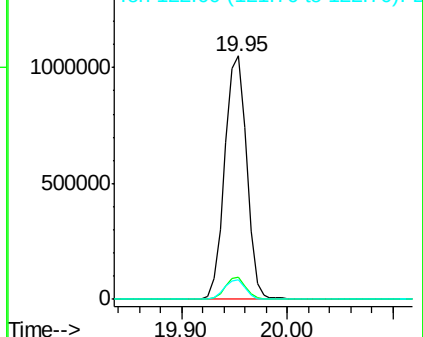
122 8.0 6.8 10.2



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: 52.394 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

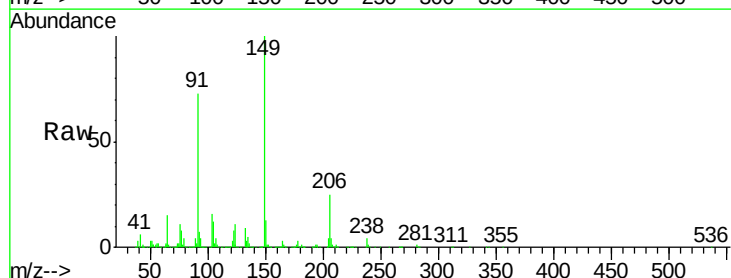
Tgt Ion:149 Resp: 390439

Ion Ratio Lower Upper

149 100

91 73.5 57.8 86.6

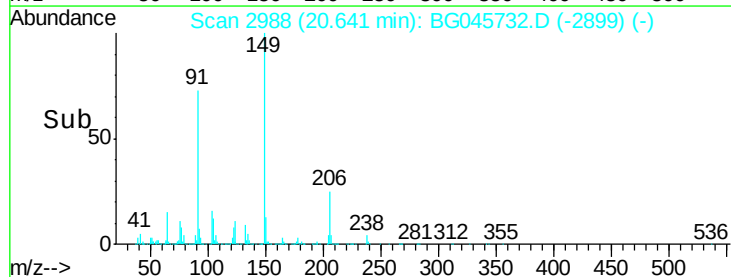
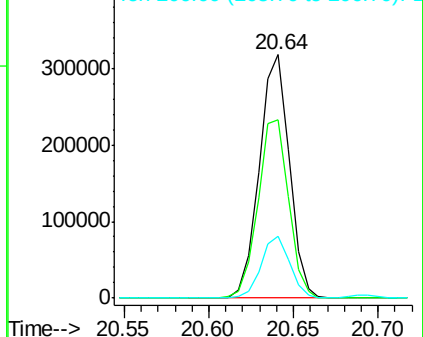
206 25.4 19.1 28.7

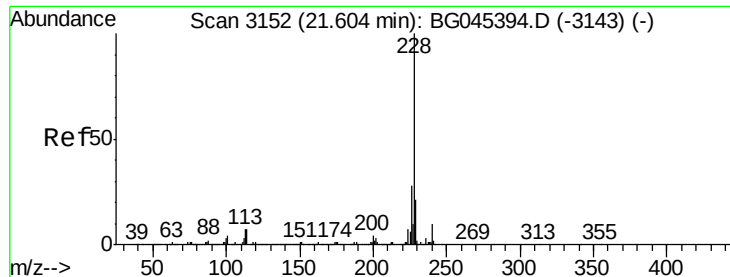


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.944 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

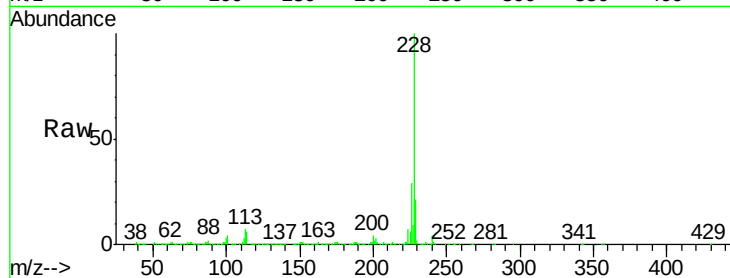
Tot Ion:228 Resp: 926997

Ion Ratio Lower Upper

228 100

226 29.1 22.7 34.1

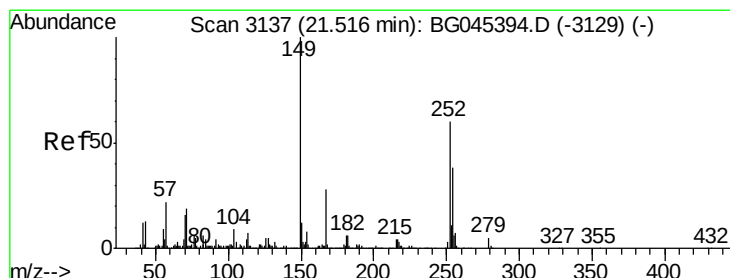
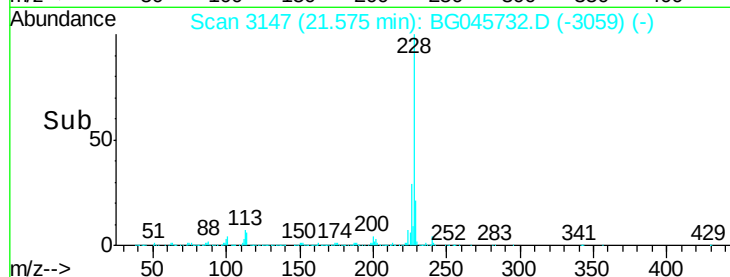
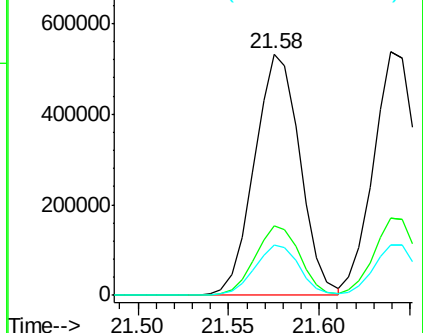
229 20.9 16.7 25.1



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: 26.089 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

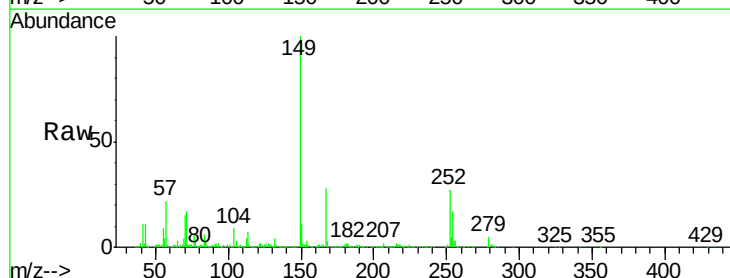
Tgt Ion:252 Resp: 172660

Ion Ratio Lower Upper

252 100

254 62.8 51.3 76.9

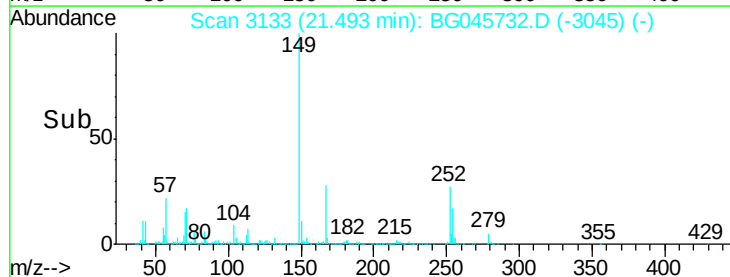
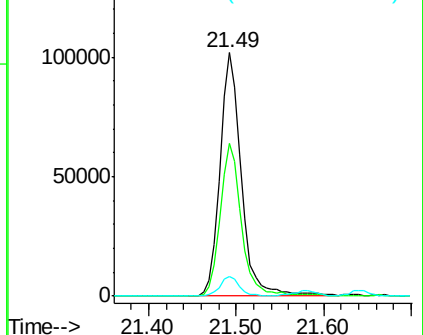
126 7.8 6.6 10.0

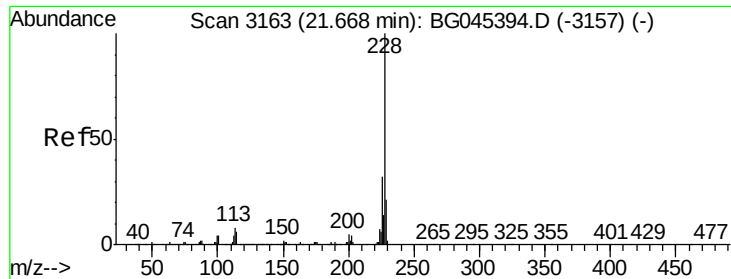


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 54.907 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

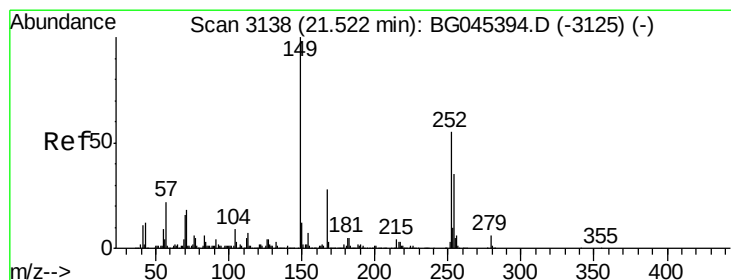
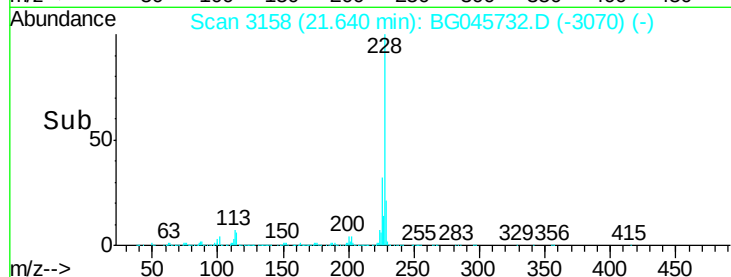
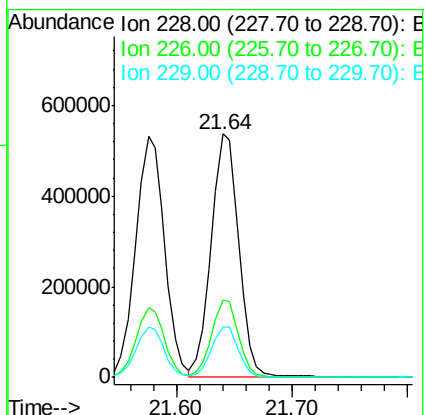
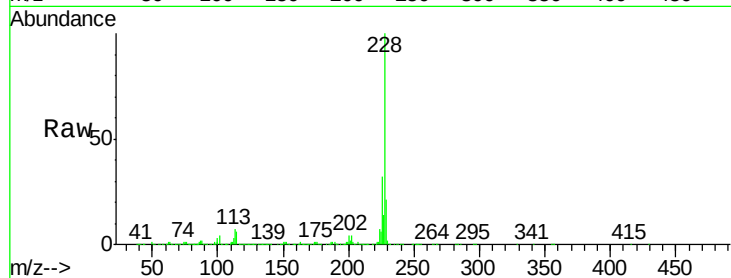
Tot Ion:228 Resp: 890735

Ion Ratio Lower Upper

228 100

226 32.0 25.2 37.8

229 20.7 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.581 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

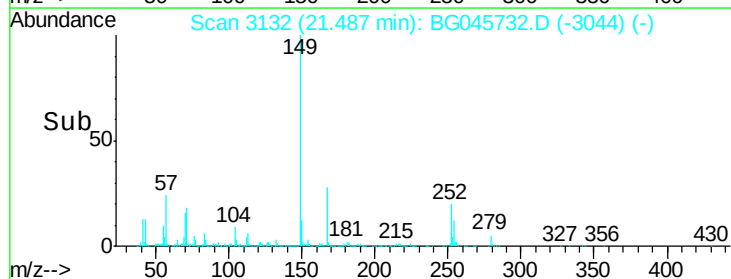
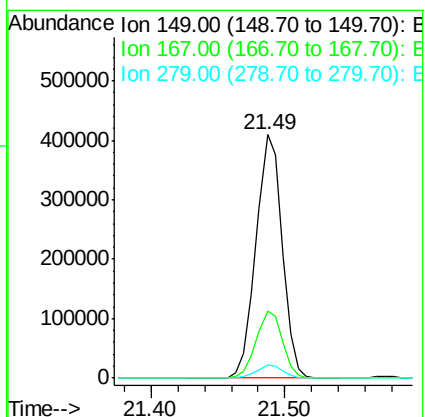
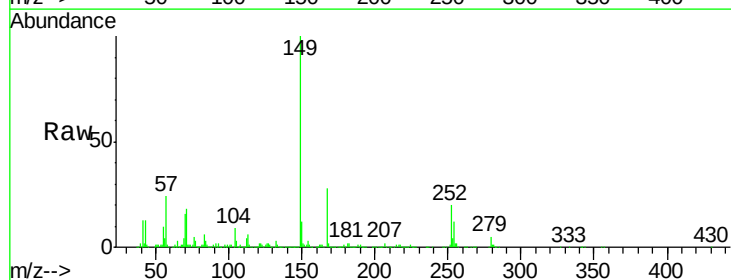
Tgt Ion:149 Resp: 548861

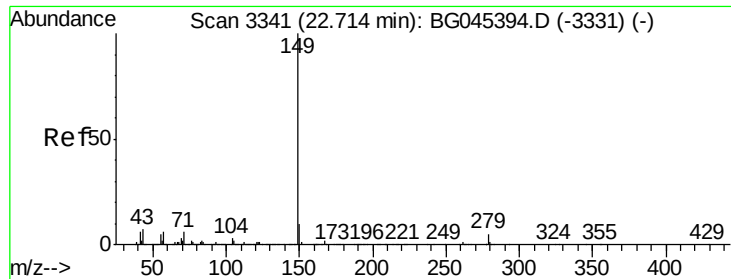
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

279 5.4 4.7 7.1

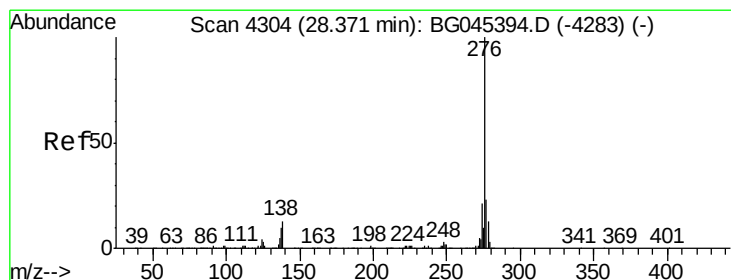
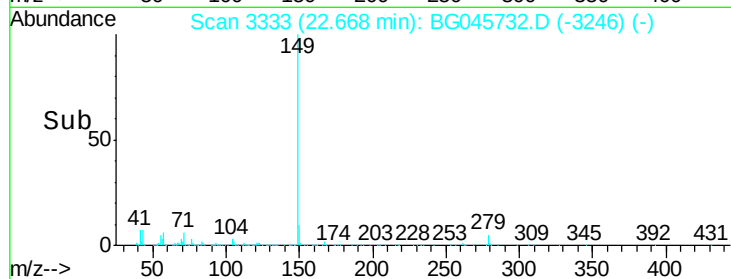
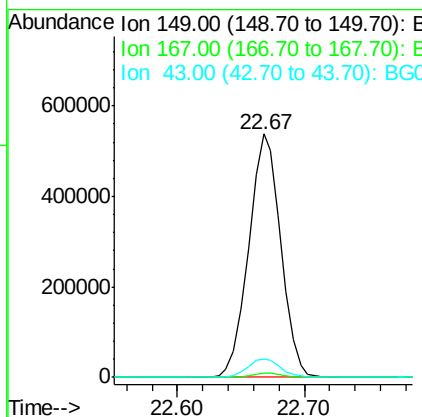
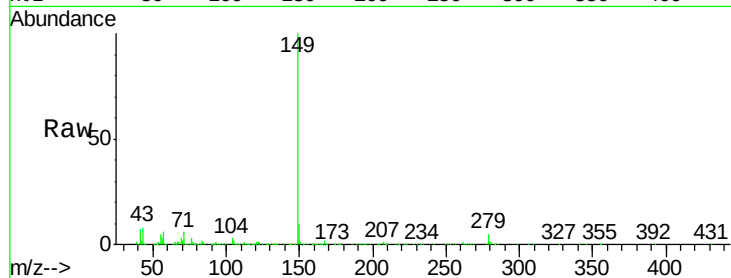




#85
Di-n-octyl phthalate
Concen: 53.547 ng
RT: 22.67 min Scan# 3333
Delta R.T. -0.02 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

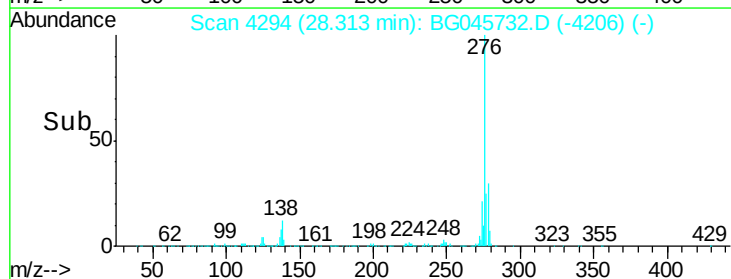
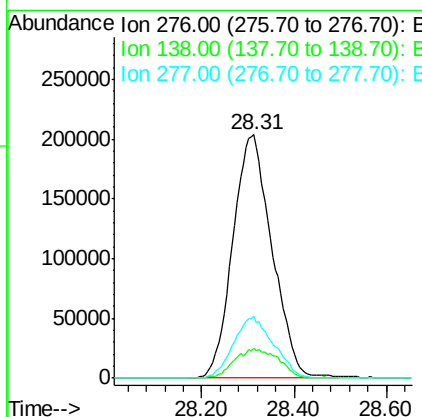
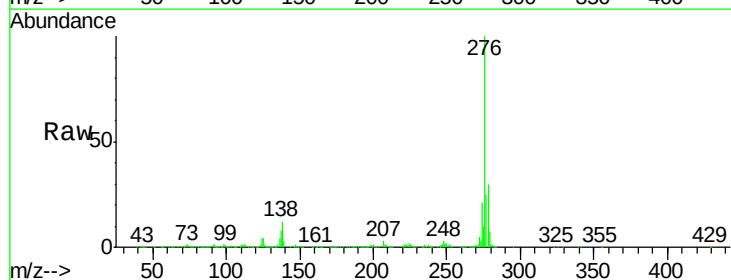
Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

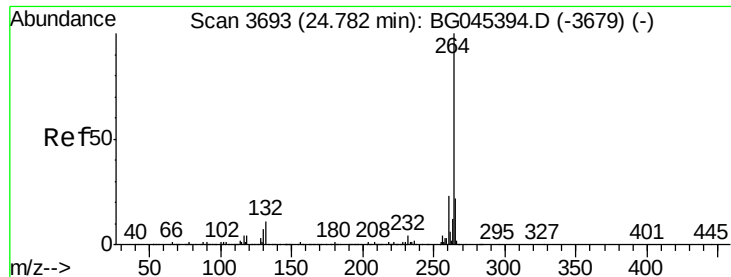
Tot Ion:149 Resp: 942086
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.7 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 56.551 ng
RT: 28.31 min Scan# 4294
Delta R.T. -0.01 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion:276 Resp: 1199669
Ion Ratio Lower Upper
276 100
138 13.7 8.6 12.8#
277 25.9 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

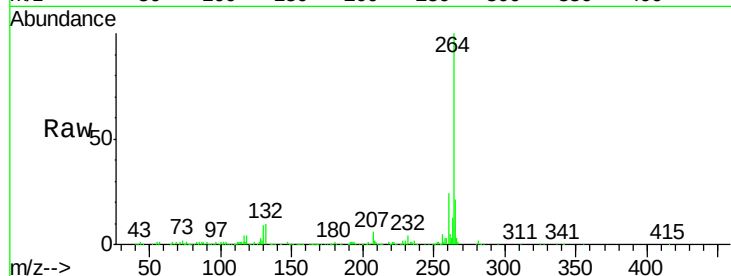
Tot Ion:264 Resp: 340790

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

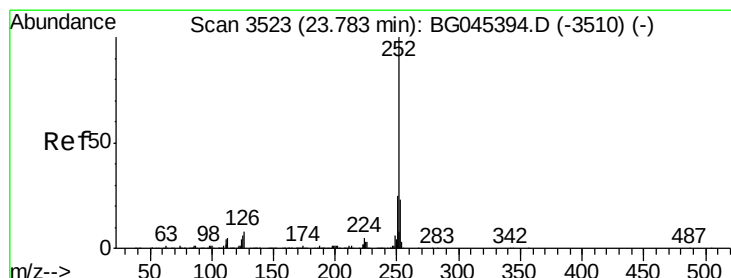
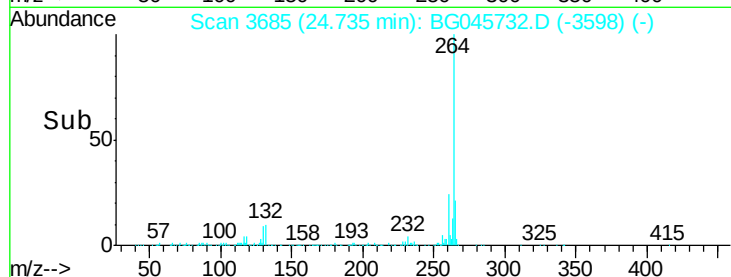
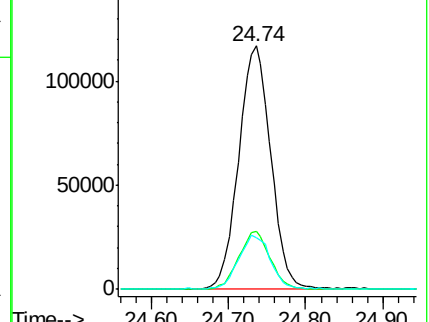
265 21.3 17.6 26.4



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: 56.363 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

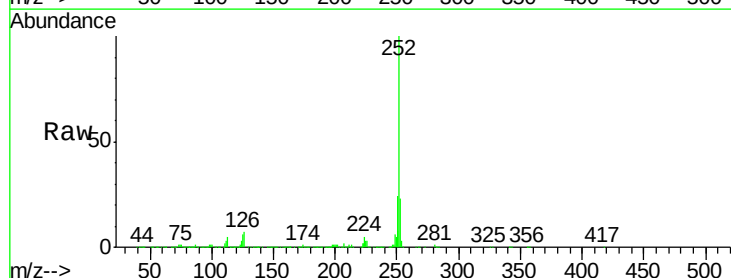
Tgt Ion:252 Resp: 1030151

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

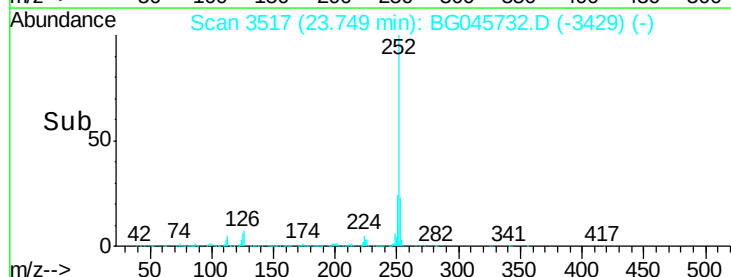
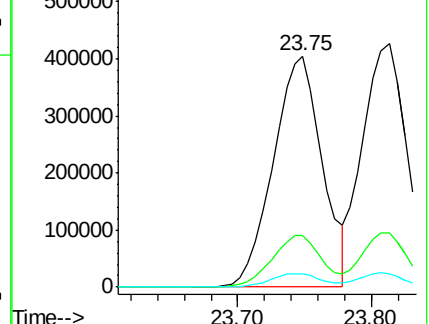
125 5.7 5.0 7.6

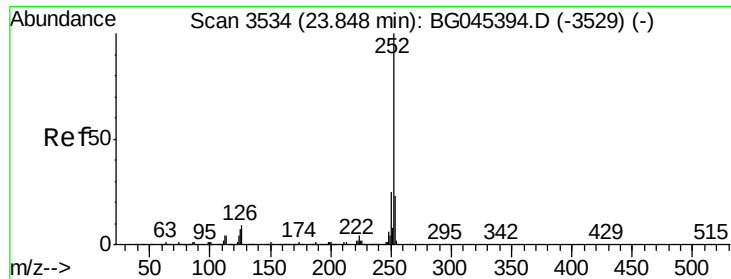


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 59.994 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.08 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

Instrument :

BNA_G

ClientSampleId :

CL-02-060920MS

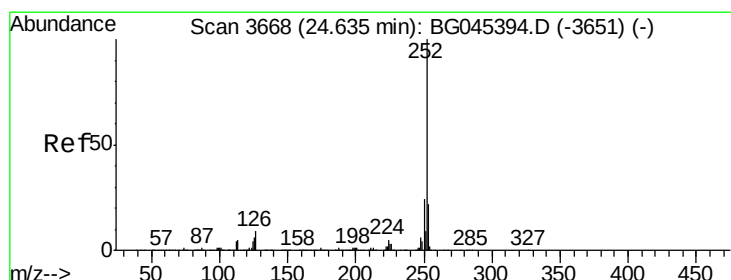
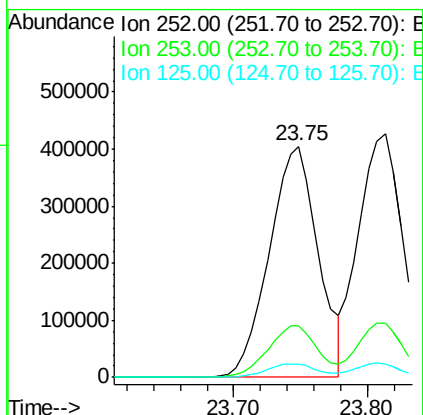
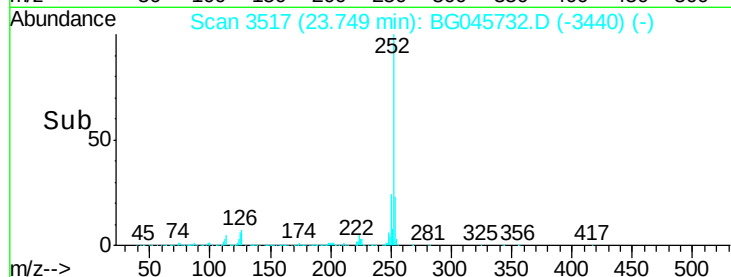
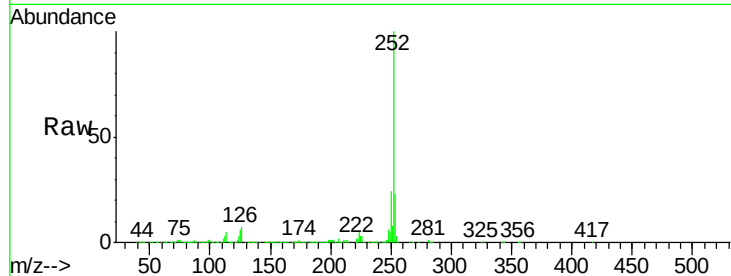
Tot Ion:252 Resp: 1030151

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

125 5.7 5.7 8.5



#90

Benzo(a)pyrene

Concen: 54.488 ng

RT: 24.59 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045732.D

Acq: 11 Jun 2020 22:19

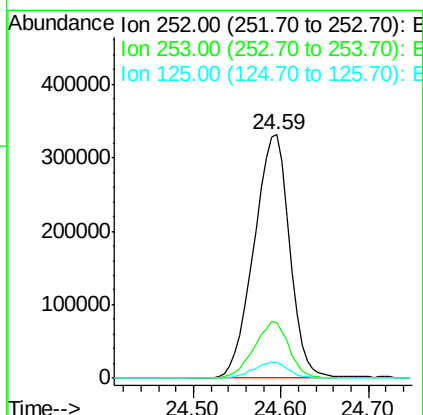
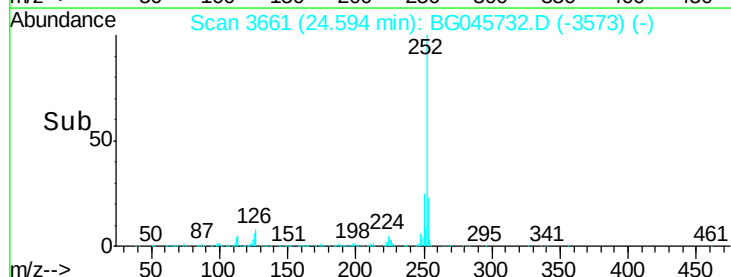
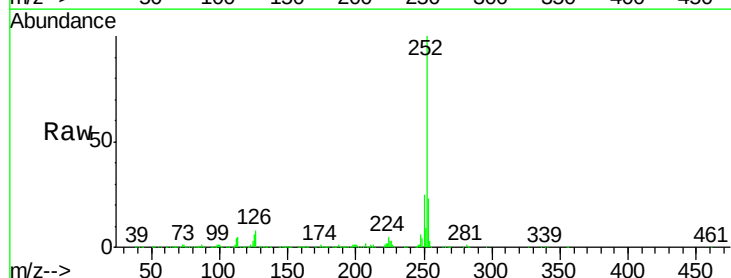
Tgt Ion:252 Resp: 927487

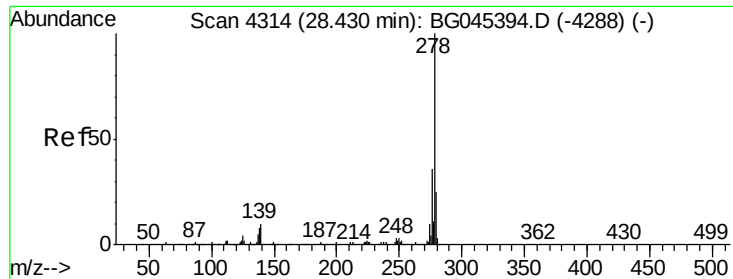
Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 6.3 5.0 7.6

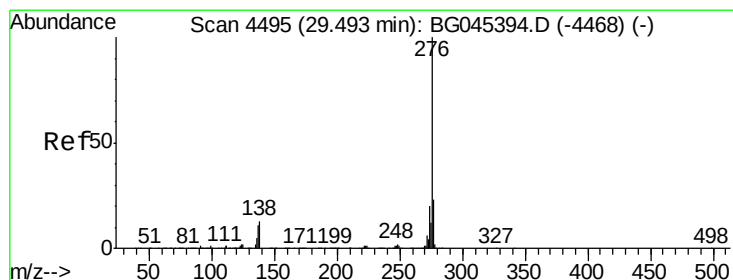
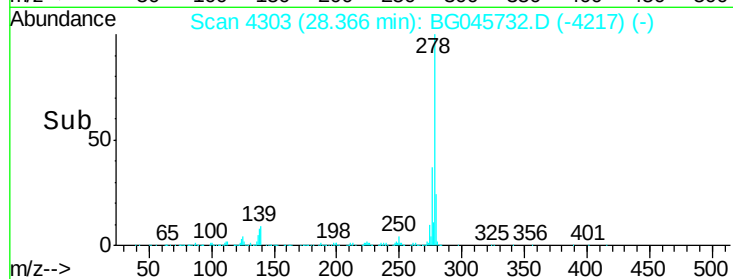
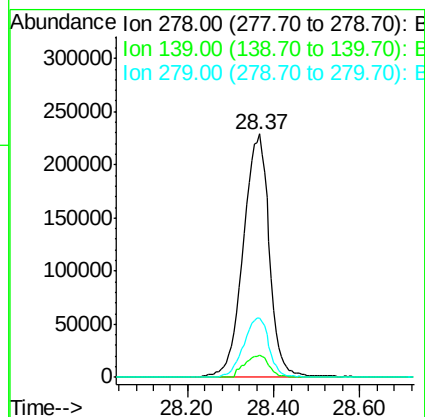
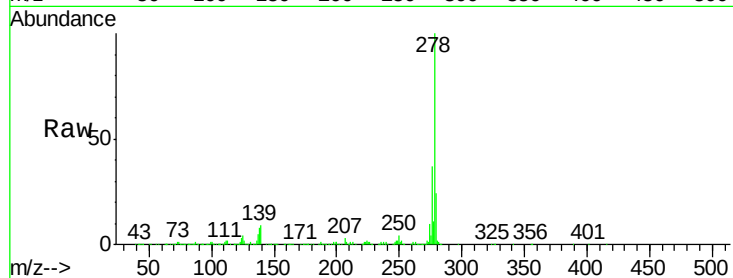




#91
Dibenzo(a,h)anthracene
Concen: 57.225 ng
RT: 28.37 min Scan# 4303
Delta R.T. -0.02 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.8	11.8
279	24.1	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 57.011 ng
RT: 29.42 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG045732.D
Acq: 11 Jun 2020 22:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.1	27.1
138	11.4	10.2	15.4

