

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050819\
 Data File : BG040798.D
 Acq On : 8 May 2019 21:33
 Operator : HP/JU
 Sample : K2641-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

Quant Time: May 09 05:00:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40522	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	164209	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	128885	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	358743	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	348580	20.00	ng	-0.02
87) Perylene-d12	25.15	264	350772	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	373573	162.51	ng	0.00
7) Phenol-d6	7.28	99	525281	148.41	ng	-0.01
23) Nitrobenzene-d5	9.32	82	417426	117.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	350507	197.85	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	898351	100.66	ng	-0.02
79) Terphenyl-d14	20.11	244	1851162	117.65	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	46645	44.617	ng	# 30
3) Pyridine	3.96	79	117114	38.648	ng	96
4) n-Nitrosodimethylamine	3.87	42	81374	48.414	ng	94
6) Aniline	7.46	93	75993	16.198	ng	95
8) 2-Chlorophenol	7.70	128	147871	52.681	ng	98
9) Benzaldehyde	7.28	77	79401	36.461	ng	92
10) Phenol	7.31	94	178405	46.890	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	142765	50.038	ng	99
12) 1,3-Dichlorobenzene	8.03	146	142590	46.542	ng	97
13) 1,4-Dichlorobenzene	8.18	146	146043	47.023	ng	93
14) 1,2-Dichlorobenzene	8.50	146	139811	46.679	ng	98
15) Benzyl Alcohol	8.38	79	183645	49.865	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	240459	42.332	ng	97
17) 2-Methylphenol	8.58	107	145336	53.977	ng	97
18) Hexachloroethane	9.23	117	54654	42.899	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	144788	45.443	ng	94
20) 3+4-Methylphenols	8.90	107	200756	53.521	ng	98
22) Acetophenone	8.97	105	257683	56.432	ng	# 93
24) Nitrobenzene	9.36	77	219429	57.870	ng	96
25) Isophorone	9.88	82	414641	52.379	ng	98
26) 2-Nitrophenol	10.07	139	90637	66.685	ng	94
27) 2,4-Dimethylphenol	10.11	122	164323	64.436	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	209219	52.678	ng	98
29) 2,4-Dichlorophenol	10.60	162	183146	63.171	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	176888	55.018	ng	98
31) Naphthalene	11.02	128	467493	53.587	ng	97
32) Benzoic acid	10.24	122	104659	59.949	ng	92
33) 4-Chloroaniline	11.12	127	19066	4.929	ng	# 81
34) Hexachlorobutadiene	11.28	225	126576	53.327	ng	98
35) Caprolactam	11.91	113	56102	49.013	ng	# 82
36) 4-Chloro-3-methylphenol	12.22	107	224802	61.465	ng	99
37) 2-Methylnaphthalene	12.61	142	364086	55.819	ng	98
38) 1-Methylnaphthalene	12.83	142	351272	55.097	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	260072	54.167	ng	98

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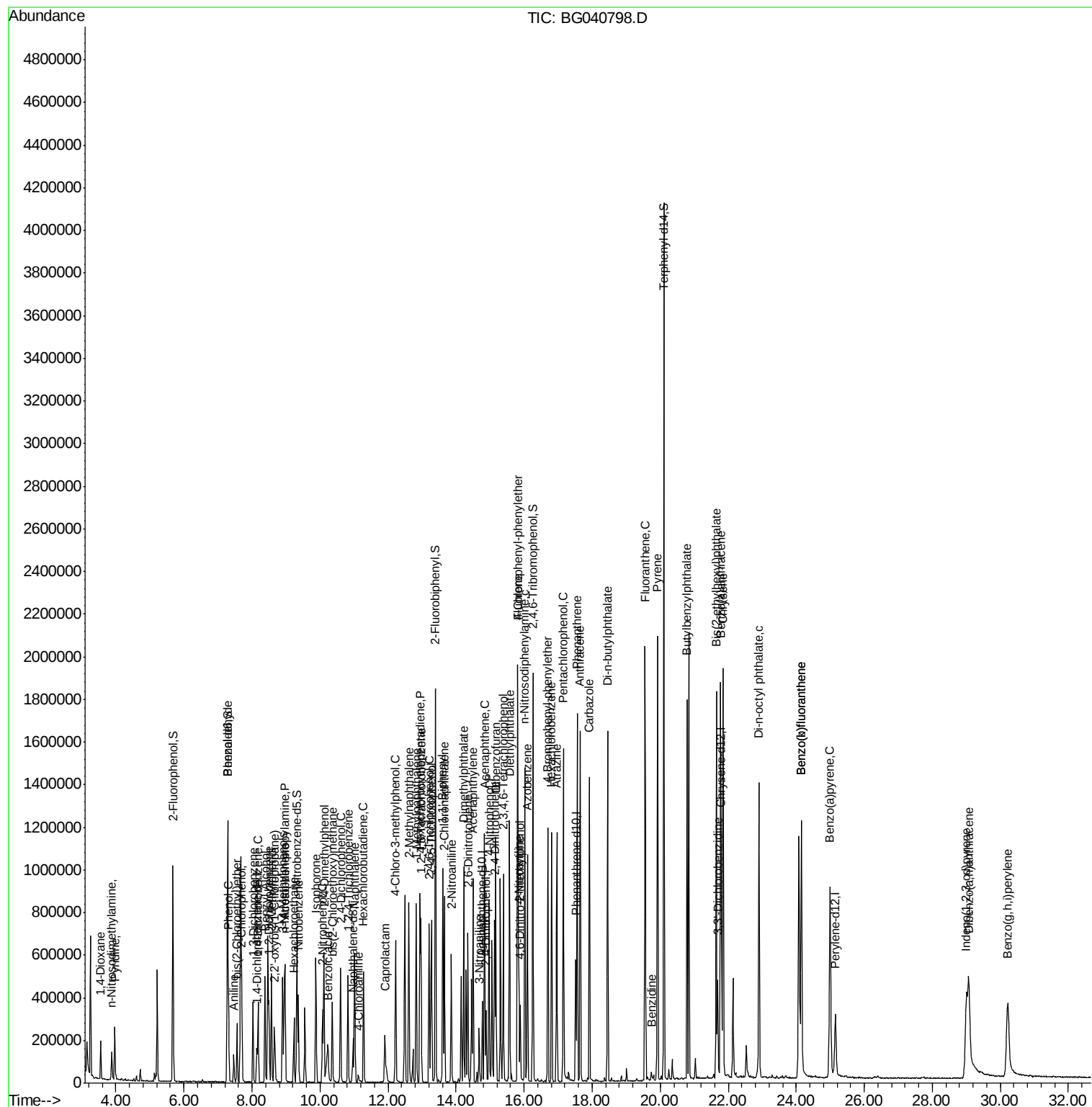
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	273590	96.567	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	181374	62.511	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	206766	65.418	ng	98
46) 1,1'-Biphenyl	13.61	154	509439	50.910	ng	97
47) 2-Chloronaphthalene	13.66	162	417518	53.315	ng	98
48) 2-Nitroaniline	13.86	65	183999	66.006	ng	99
49) Acenaphthylene	14.50	152	679763	51.162	ng	98
50) Dimethylphthalate	14.22	163	618463	57.353	ng	98
51) 2,6-Dinitrotoluene	14.35	165	137566	65.364	ng	90
52) Acenaphthene	14.84	154	409661	52.944	ng	96
53) 3-Nitroaniline	14.68	138	56972	26.420	ng	# 86
54) 2,4-Dinitrophenol	14.88	184	75611	65.129	ng	91
55) Dibenzofuran	15.17	168	704585	55.595	ng	99
56) 4-Nitrophenol	14.97	139	183960	98.382	ng	96
57) 2,4-Dinitrotoluene	15.13	165	201367	70.412	ng	# 92
58) Fluorene	15.81	166	568881	55.535	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	217161	68.262	ng	96
60) Diethylphthalate	15.57	149	640040	56.255	ng	97
61) 4-Chlorophenyl-phenylether	15.80	204	353688	59.366	ng	96
62) 4-Nitroaniline	15.84	138	139988	58.033	ng	95
63) Azobenzene	16.10	77	617098	52.666	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	78845	45.107	ng	91
66) n-Nitrosodiphenylamine	16.02	169	537623	50.937	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	240932	53.907	ng	92
68) Hexachlorobenzene	16.81	284	251691	54.462	ng	97
69) Atrazine	16.96	200	239398	57.249	ng	97
70) Pentachlorophenol	17.15	266	285152	105.444	ng	97
71) Phenanthrene	17.56	178	1024456	53.018	ng	98
72) Anthracene	17.65	178	1047582	53.936	ng	97
73) Carbazole	17.92	167	922176	52.113	ng	99
74) Di-n-butylphthalate	18.45	149	1111568	52.044	ng	99
75) Fluoranthene	19.56	202	1332722	55.347	ng	99
77) Benzidine	19.74	184	29892	3.132	ng	# 94
78) Pyrene	19.92	202	1333679	61.045	ng	97
80) Butylbenzylphthalate	20.79	149	507967	59.655	ng	93
81) Benzo(a)anthracene	21.78	228	1279786	58.092	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	187483	23.876	ng	99
83) Chrysene	21.85	228	1269694	60.601	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	705724	57.415	ng	98
85) Di-n-octyl phthalate	22.91	149	1183977	57.195	ng	97
86) Indeno(1,2,3-cd)pyrene	29.00	276	1088812	42.982	ng	# 63
88) Benzo(b)fluoranthene	24.15	252	1293580	60.348	ng	97
89) Benzo(k)fluoranthene	24.15	252	1293580	64.620	ng	97
90) Benzo(a)pyrene	25.00	252	1238745	61.052	ng	100
91) Dibenzo(a,h)anthracene	29.07	278	827756	40.313	ng	97
92) Benzo(g,h,i)perylene	30.21	276	909204	44.492	ng	97

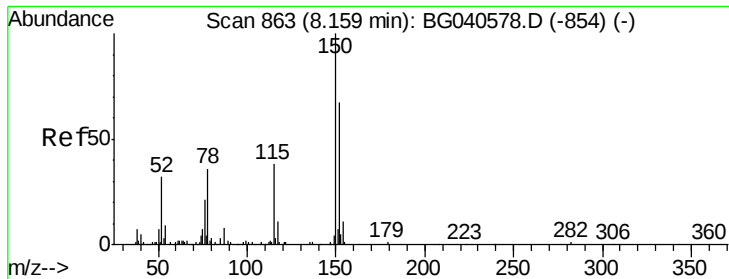
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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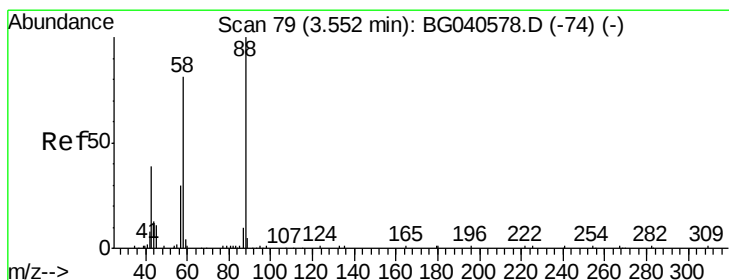
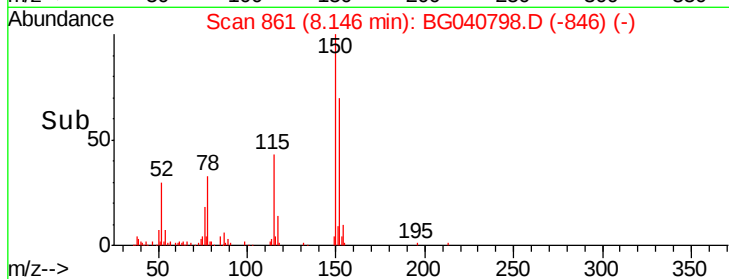
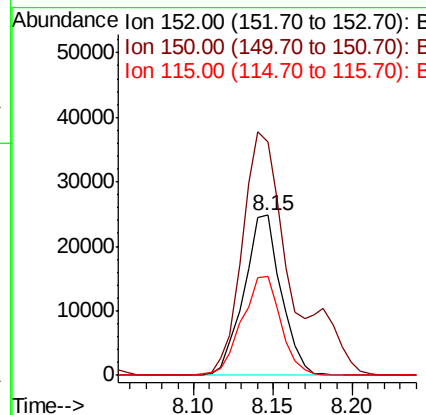
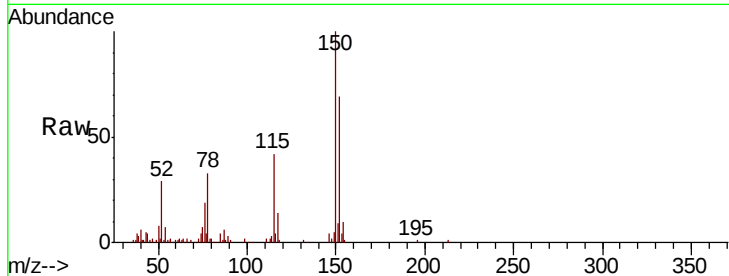


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

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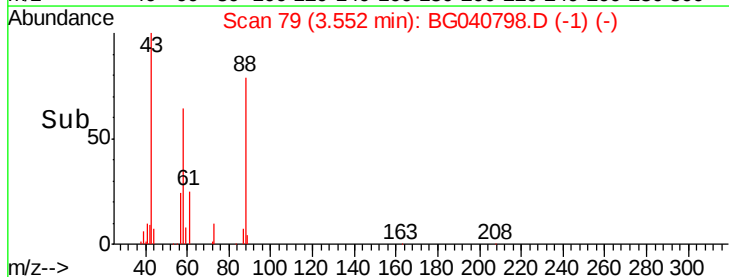
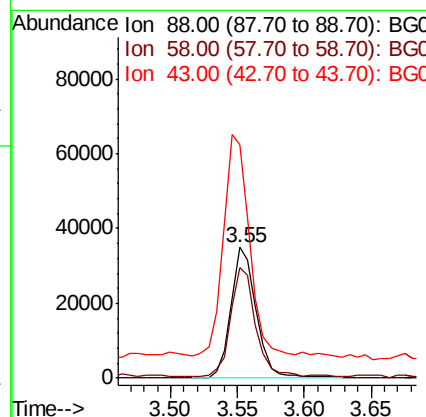
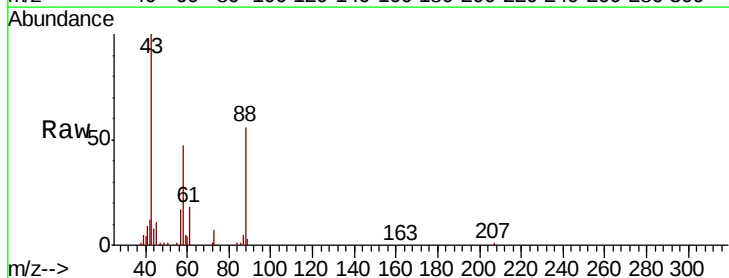
Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.7	120.2	180.2
115	61.5	46.2	69.2

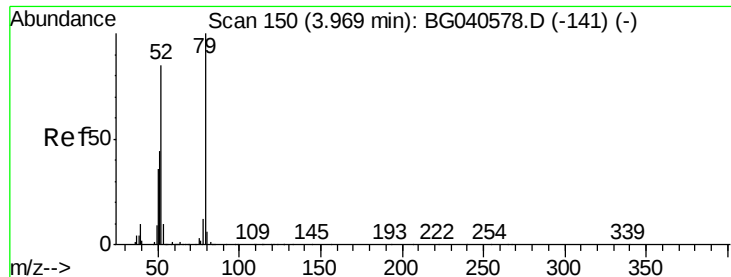


#2

1,4-Dioxane
 Concen: 44.617 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.00 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.9	71.2	106.8
43	170.4	35.6	53.4#





#3

Pyridine

Concen: 38.648 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

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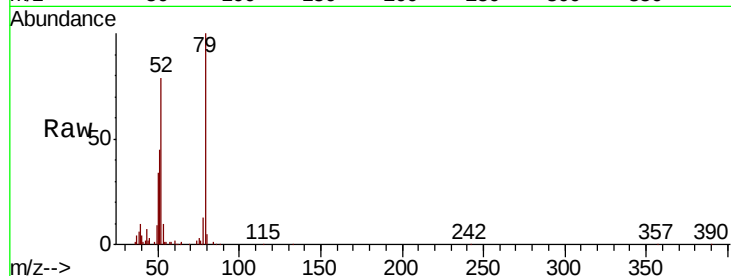
Tgt Ion: 79 Resp: 117114

Ion Ratio Lower Upper

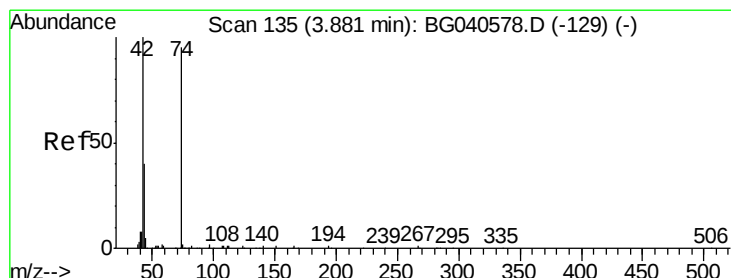
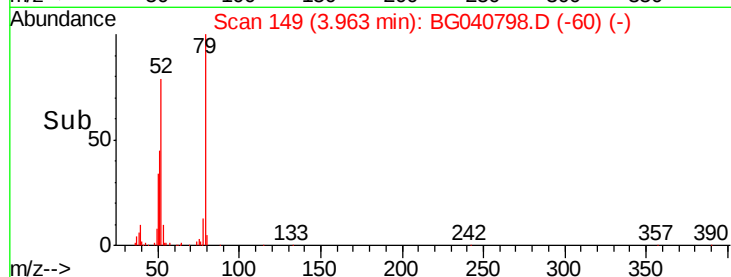
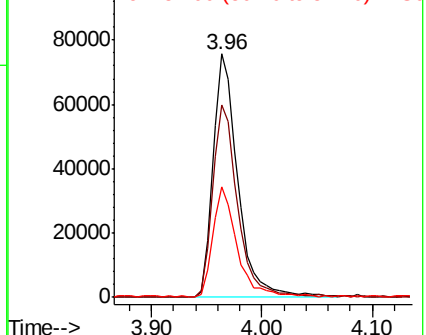
79 100

52 79.2 67.5 101.3

51 45.5 35.6 53.4



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: 48.414 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

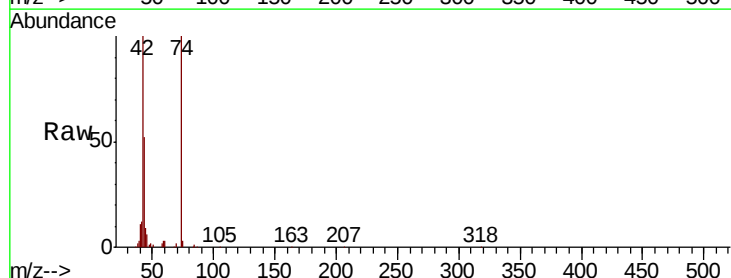
Tgt Ion: 42 Resp: 81374

Ion Ratio Lower Upper

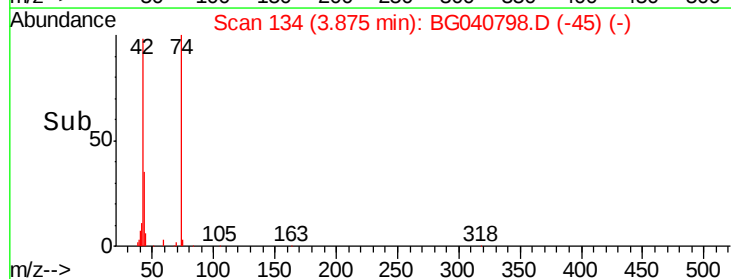
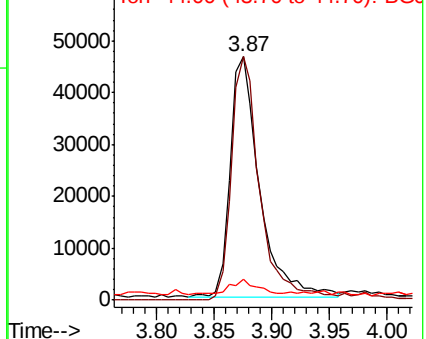
42 100

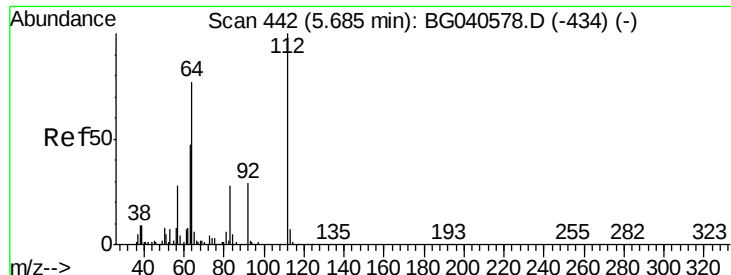
74 99.9 74.6 111.8

44 8.8 7.4 11.0



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: 162.510 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

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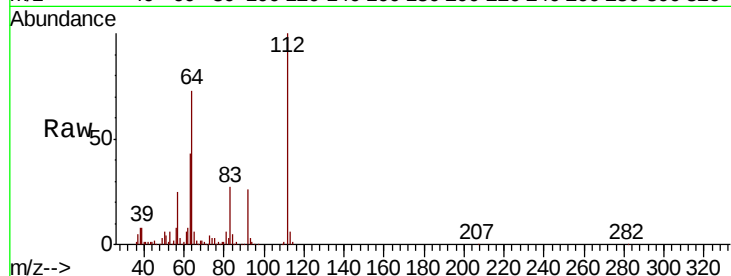
Tgt Ion: 112 Resp: 373573

Ion Ratio Lower Upper

112 100

64 72.5 61.4 92.0

63 43.0 37.8 56.6

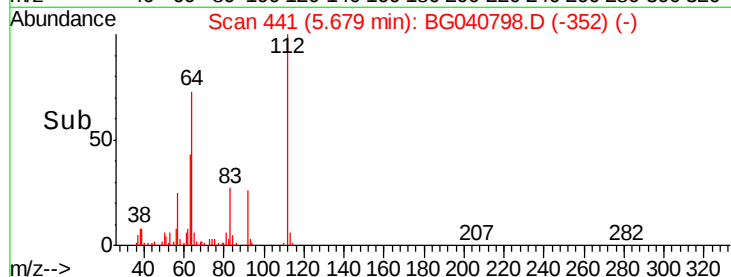


Abundance Ion 112.00 (111.70 to 112.70): BGC

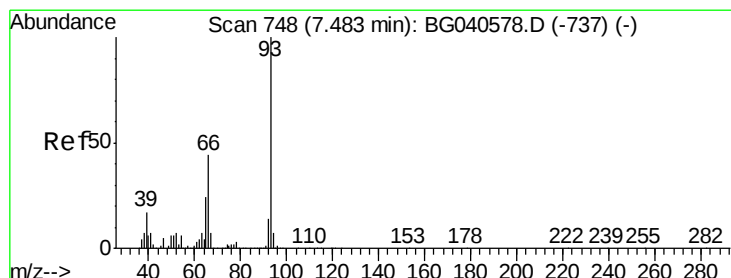
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



Time-->



#6

Aniline

Concen: 16.198 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

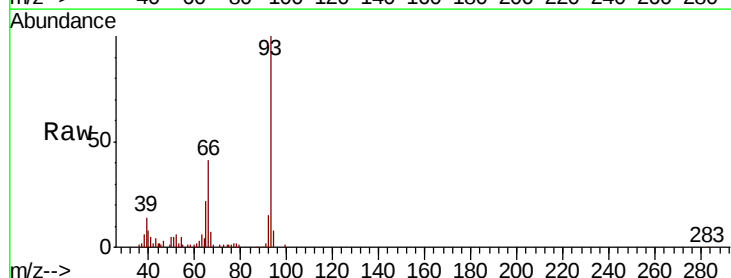
Tgt Ion: 93 Resp: 75993

Ion Ratio Lower Upper

93 100

66 40.9 35.5 53.3

65 22.1 19.2 28.8

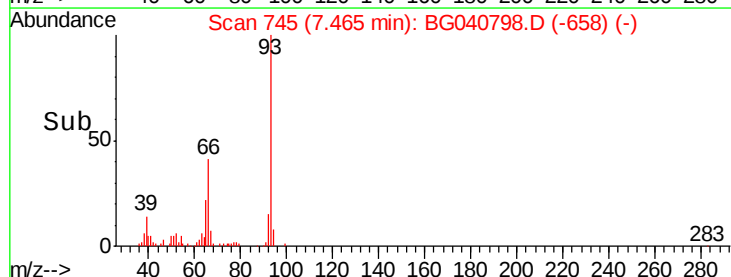


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->



Time-->



#7

Phenol-d6

Concen: 148.407 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

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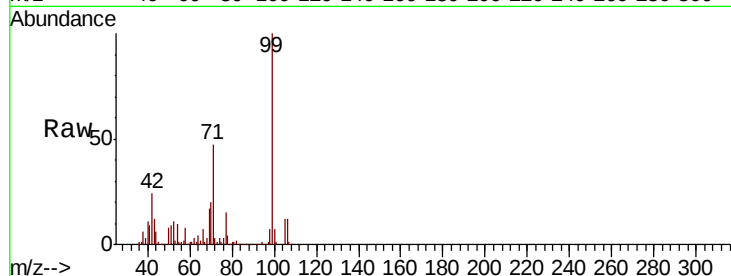
Tgt Ion: 99 Resp: 525281

Ion Ratio Lower Upper

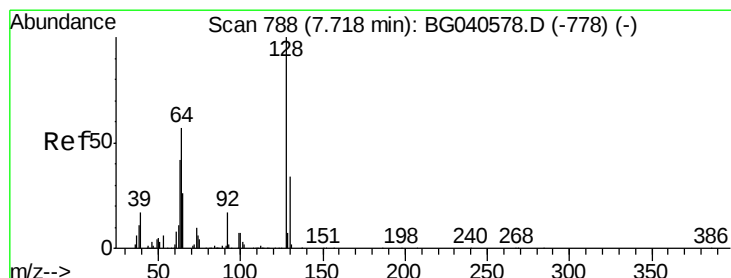
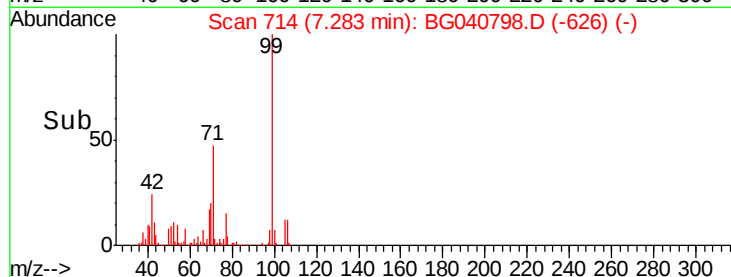
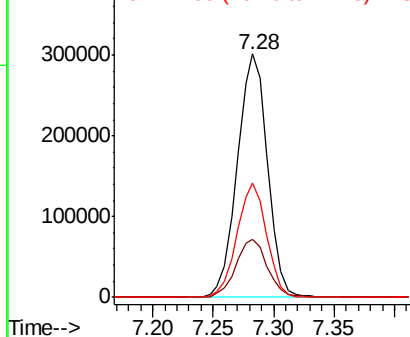
99 100

42 23.8 21.8 32.8

71 46.8 38.6 57.8



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: 52.681 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

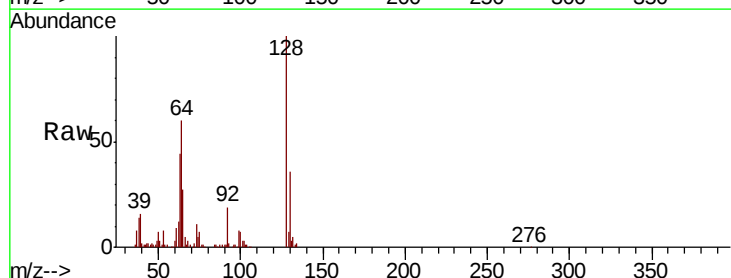
Tgt Ion: 128 Resp: 147871

Ion Ratio Lower Upper

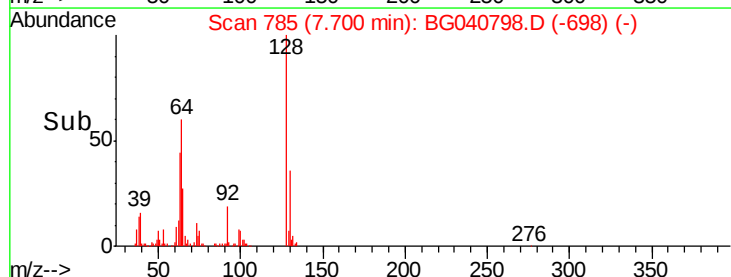
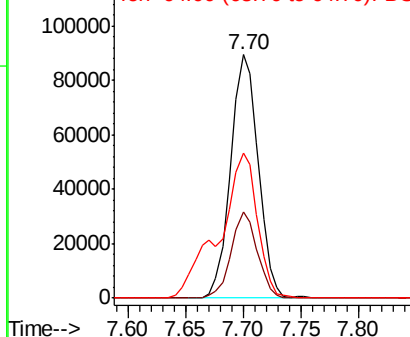
128 100

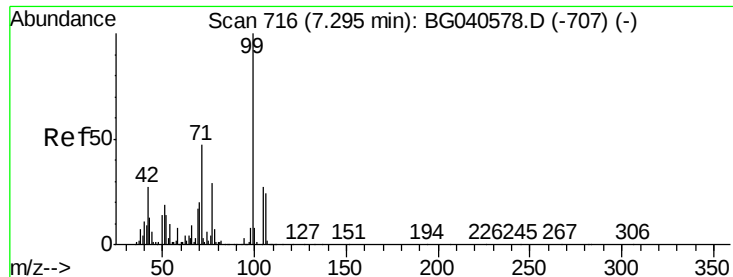
130 35.5 14.5 54.5

64 59.6 38.4 78.4



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





#9

Benzaldehyde

Concen: 36.461 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

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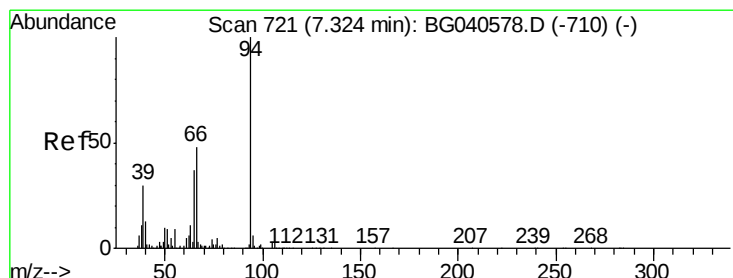
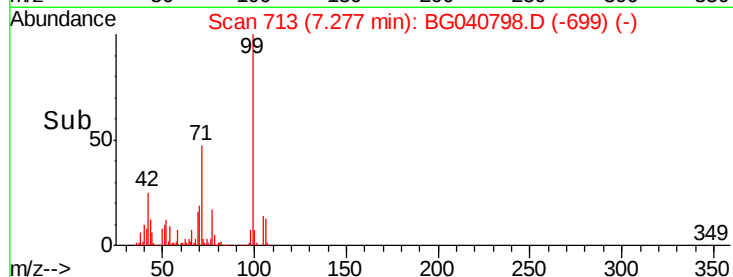
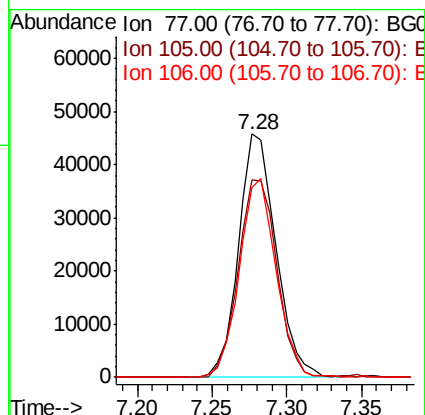
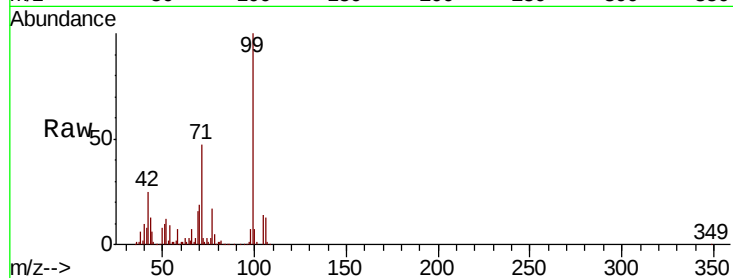
Tgt Ion: 77 Resp: 79401

Ion Ratio Lower Upper

77 100

105 81.3 72.0 112.0

106 78.2 61.2 101.2



#10

Phenol

Concen: 46.890 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040798.D

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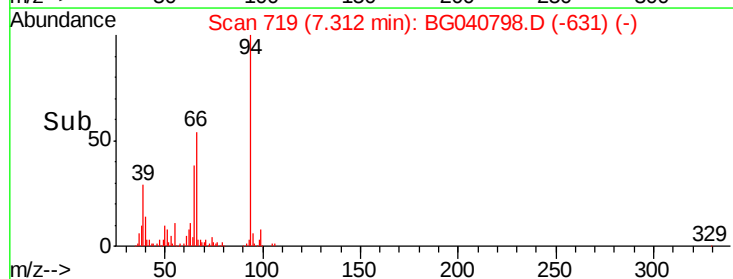
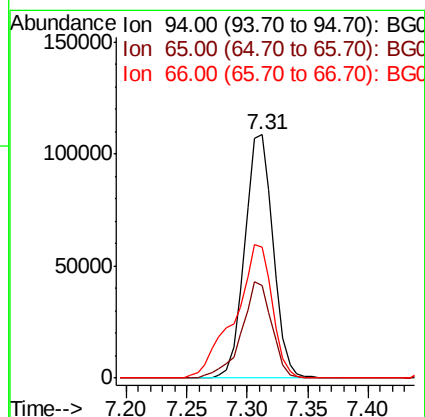
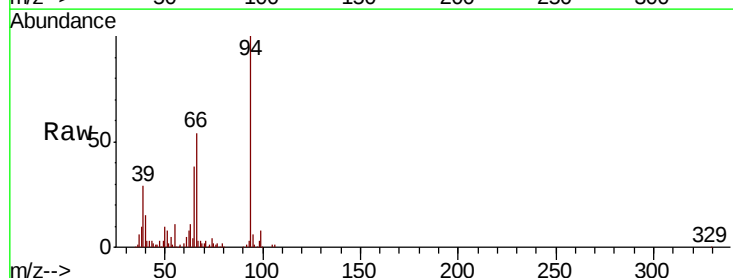
Tgt Ion: 94 Resp: 178405

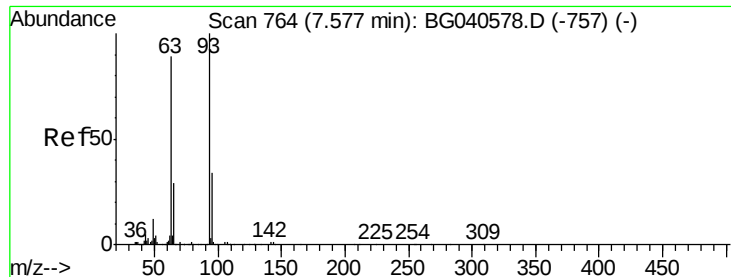
Ion Ratio Lower Upper

94 100

65 38.1 17.0 57.0

66 53.9 28.6 68.6

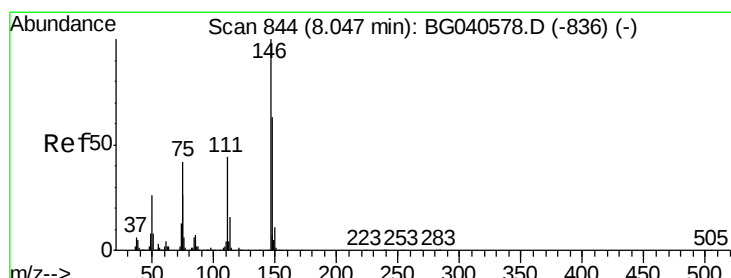
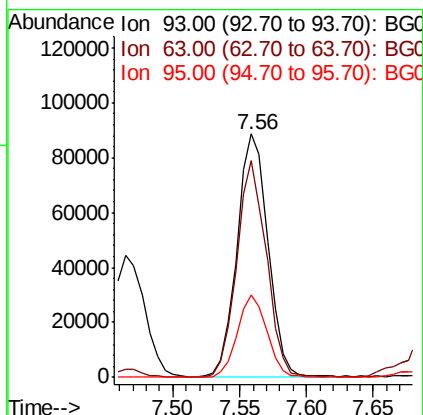
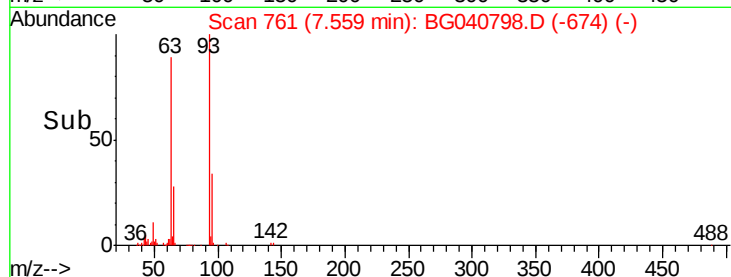
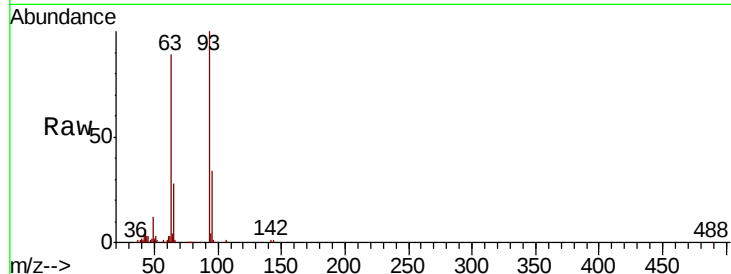




#11
 bis(2-Chloroethyl)ether
 Concen: 50.038 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

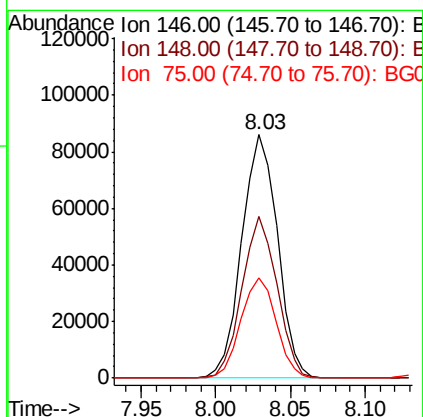
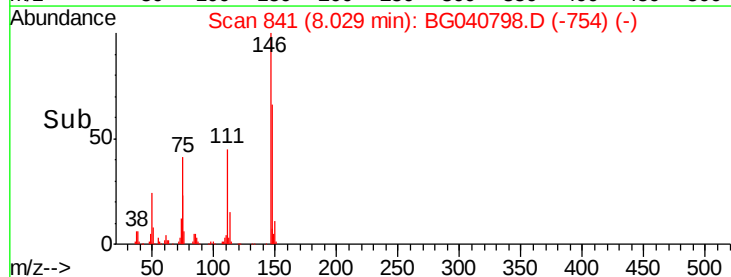
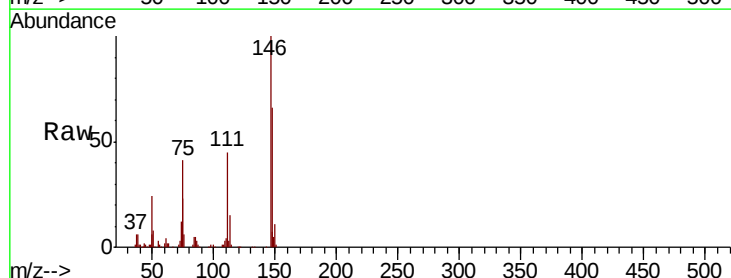
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

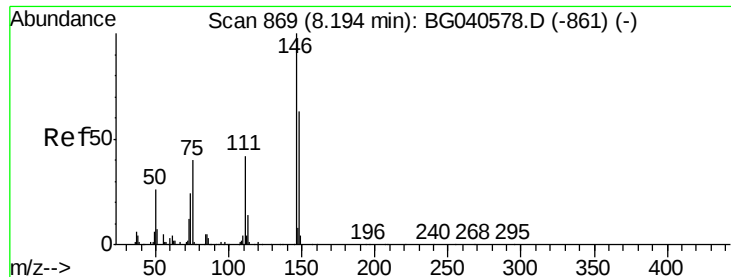
Tgt Ion: 93 Resp: 142765
 Ion Ratio Lower Upper
 93 100
 63 89.1 68.2 108.2
 95 33.9 14.3 54.3



#12
 1,3-Dichlorobenzene
 Concen: 46.542 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion: 146 Resp: 142590
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.7 76.1
 75 41.2 33.4 50.2

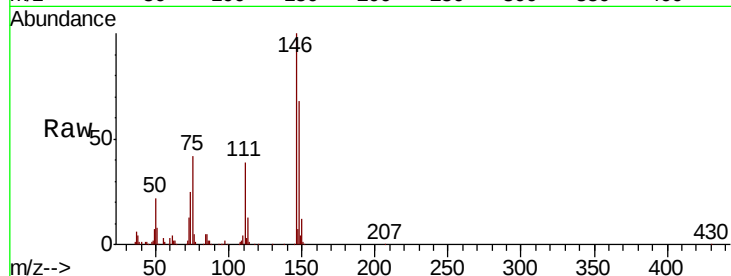




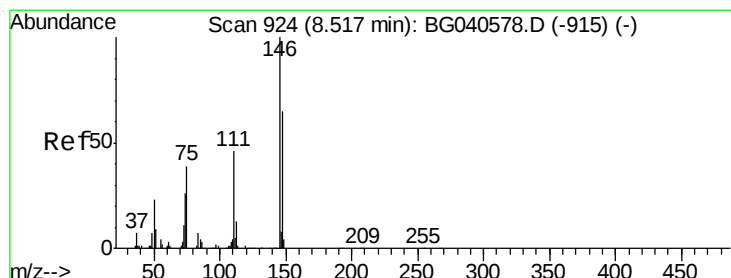
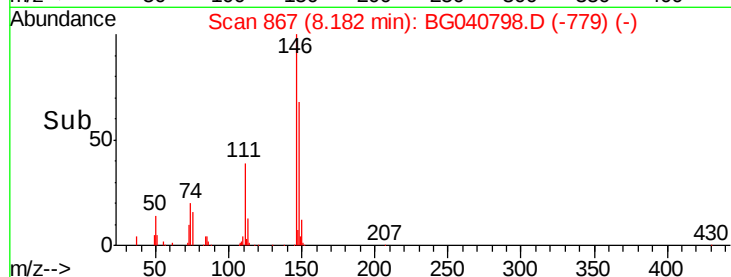
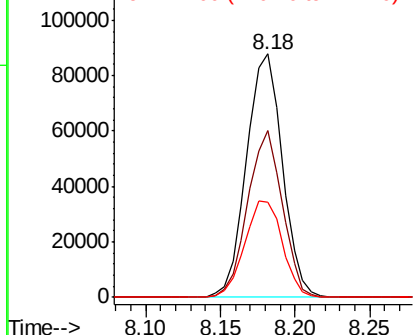
#13
 1,4-Dichlorobenzene
 Concen: 47.023 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

Tgt Ion:146 Resp: 146043
 Ion Ratio Lower Upper
 146 100
 148 68.5 50.6 75.8
 111 38.9 34.3 51.5

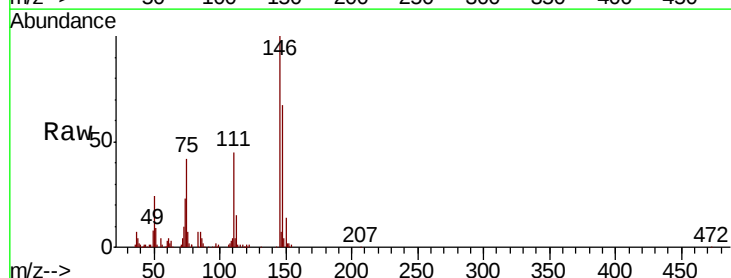


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

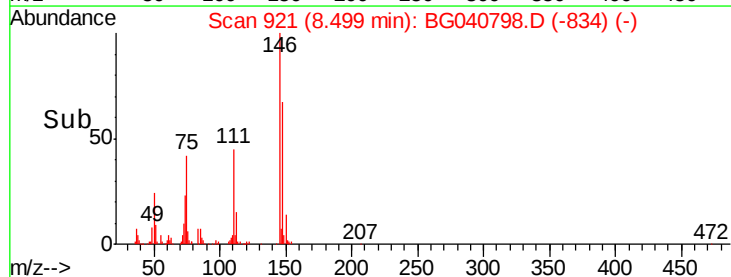
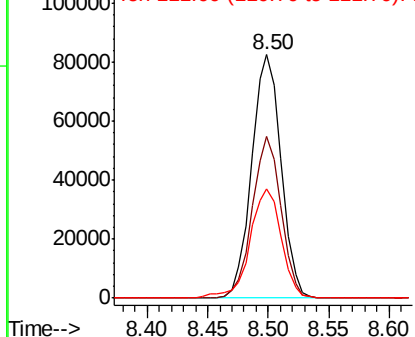


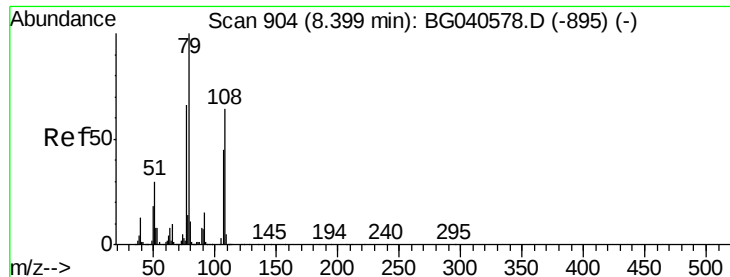
#14
 1,2-Dichlorobenzene
 Concen: 46.679 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion:146 Resp: 139811
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.2 78.4
 111 45.0 37.4 56.0



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





#15

Benzyl Alcohol

Concen: 49.865 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

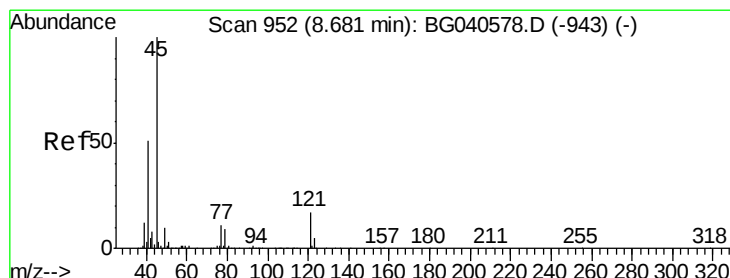
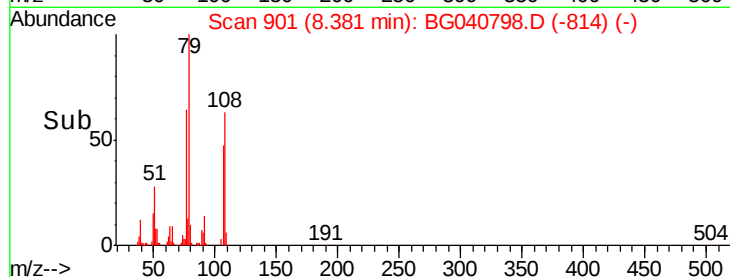
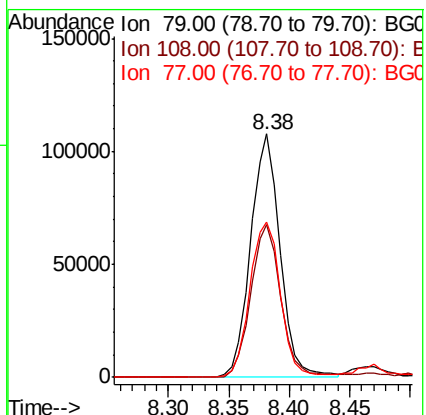
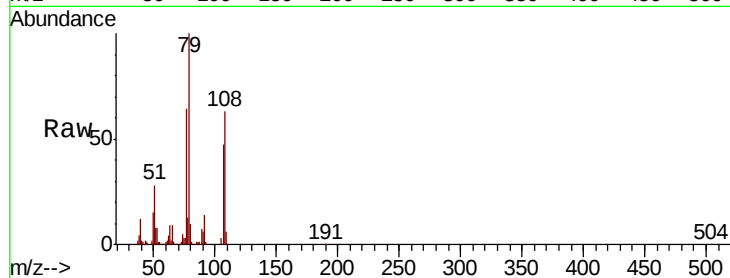
Tgt Ion: 79 Resp: 183645

Ion Ratio Lower Upper

79 100

108 62.9 51.4 77.0

77 64.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.332 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

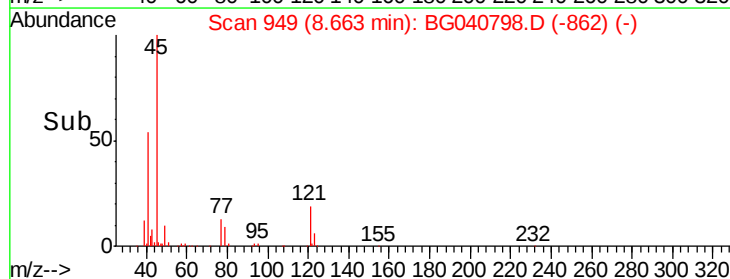
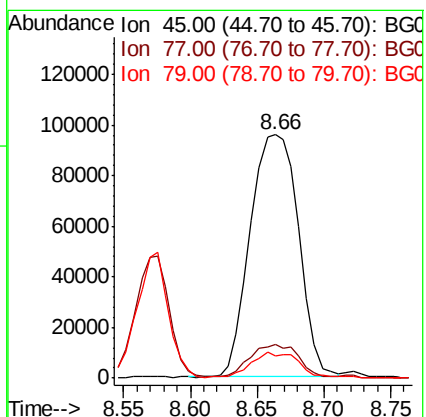
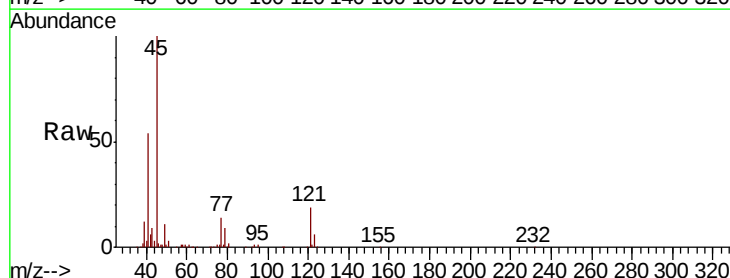
Tgt Ion: 45 Resp: 240459

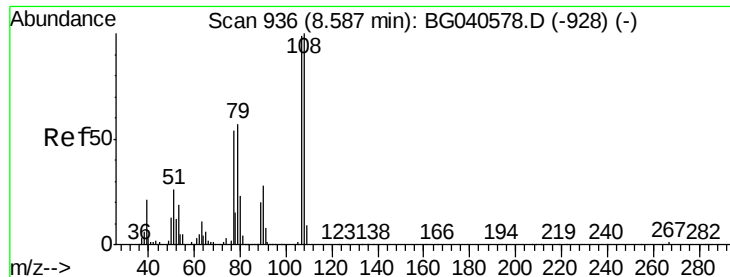
Ion Ratio Lower Upper

45 100

77 13.7 0.0 31.5

79 9.3 0.0 29.4





#17

2-Methylphenol

Concen: 53.977 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

Tgt Ion:107 Resp: 145336

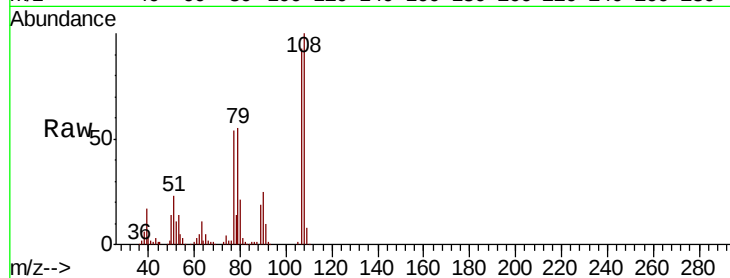
Ion Ratio Lower Upper

107 100

108 107.1 81.2 121.8

77 57.3 44.4 66.6

79 59.0 47.0 70.4

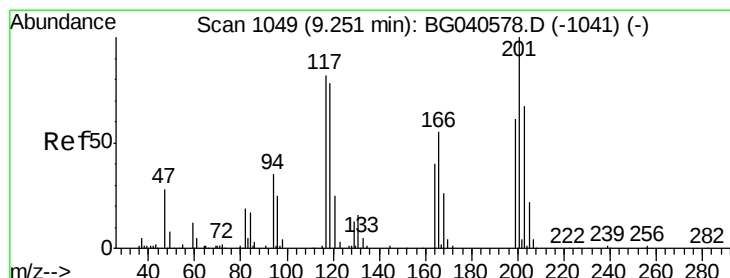
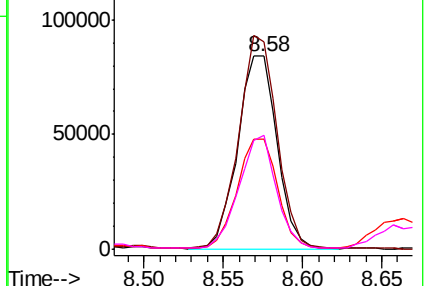
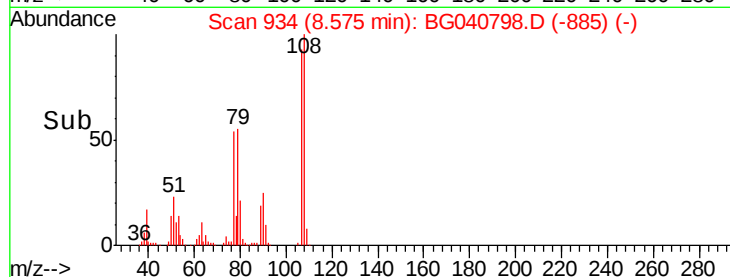


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.899 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

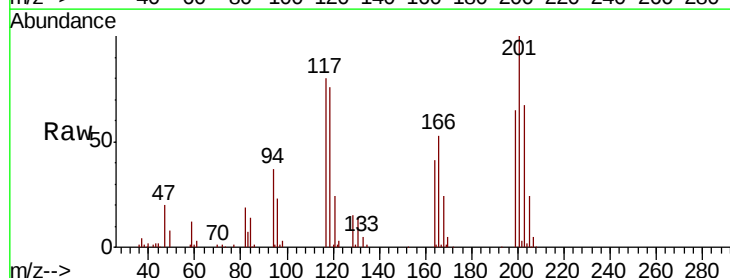
Tgt Ion:117 Resp: 54654

Ion Ratio Lower Upper

117 100

119 95.5 76.6 114.8

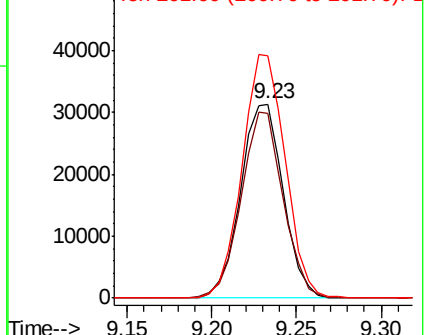
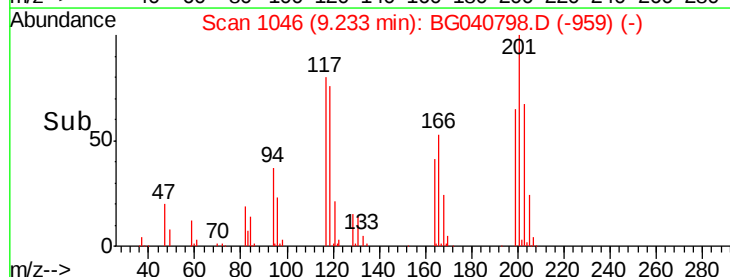
201 125.0 101.0 151.6

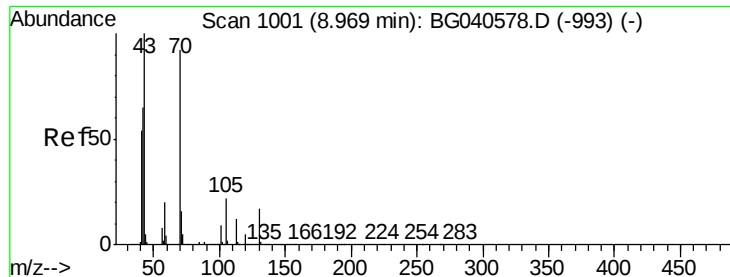


Abundance Ion 117.00 (116.70 to 117.70): E

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: 45.443 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

Tgt Ion: 70 Resp: 144788

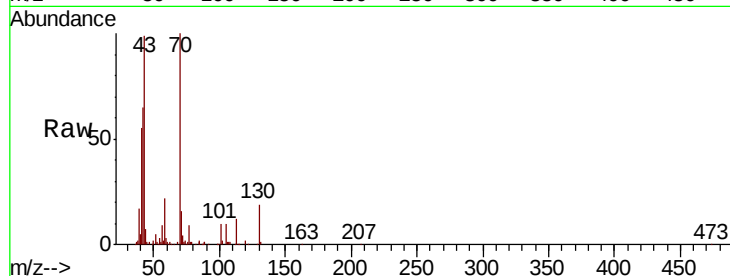
Ion Ratio Lower Upper

70 100

42 64.8 57.1 85.7

101 9.5 7.8 11.8

130 19.4 14.6 21.8

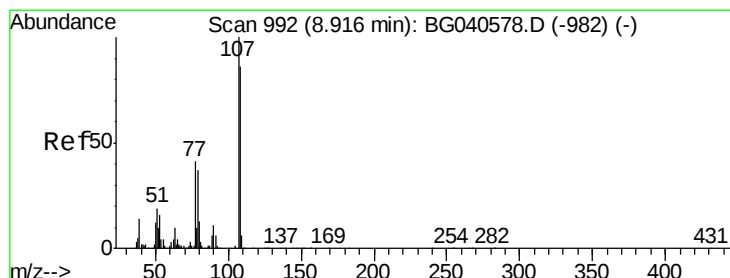
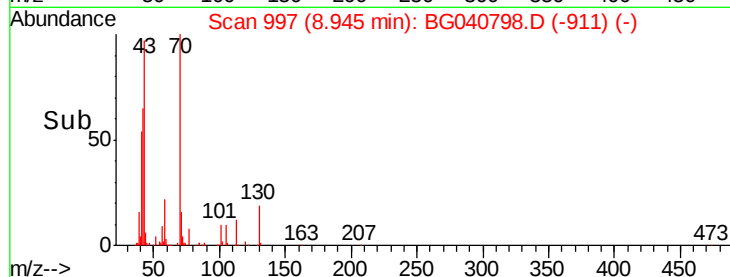
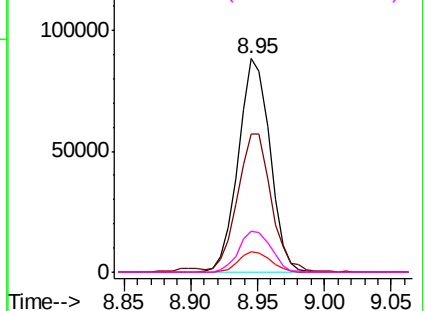


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 53.521 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion: 107 Resp: 200756

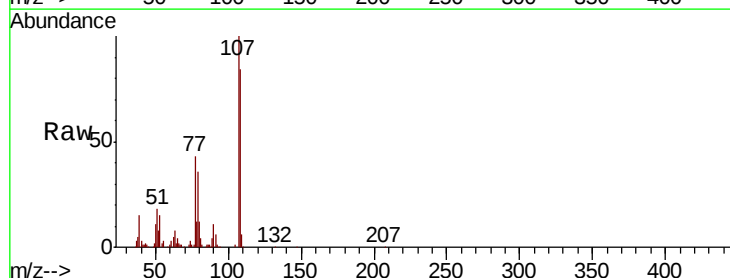
Ion Ratio Lower Upper

107 100

108 84.3 66.1 106.1

77 42.5 21.6 61.6

79 36.4 17.4 57.4

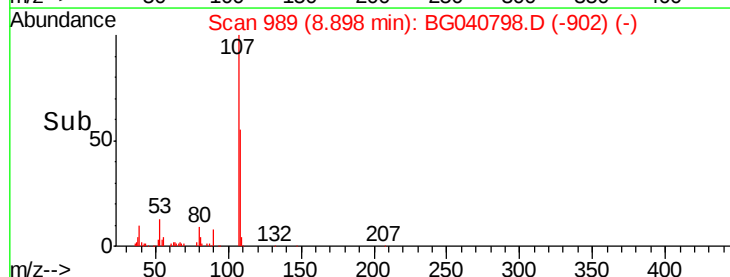
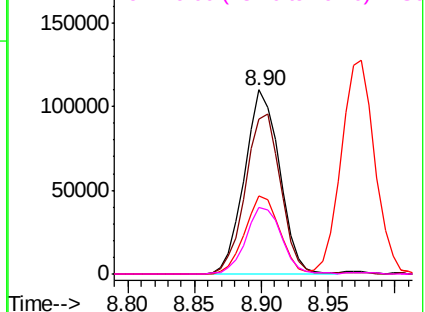


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

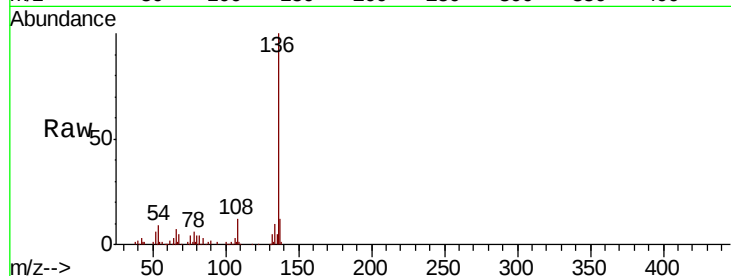




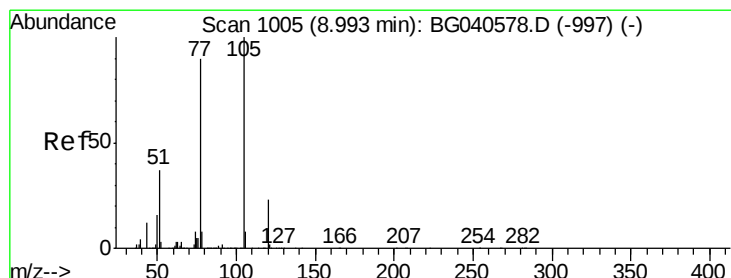
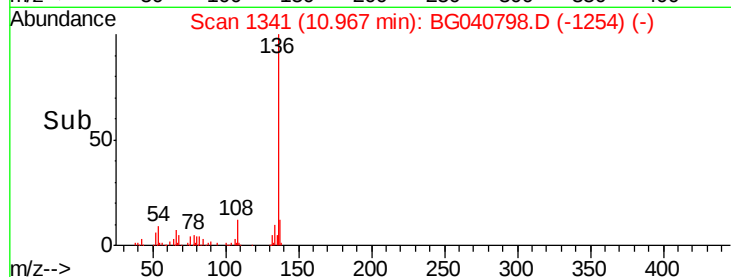
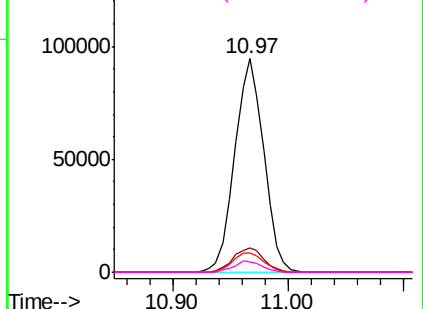
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMSD

Tgt Ion:	136	Resp:	164209
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	9.0	8.6	12.8
68	4.9	4.8	7.2

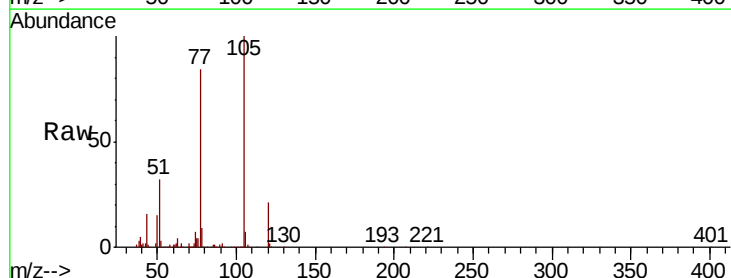


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

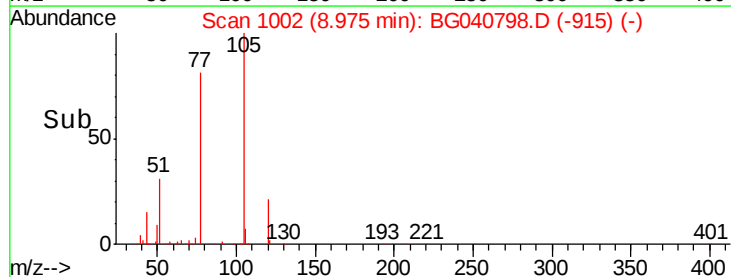
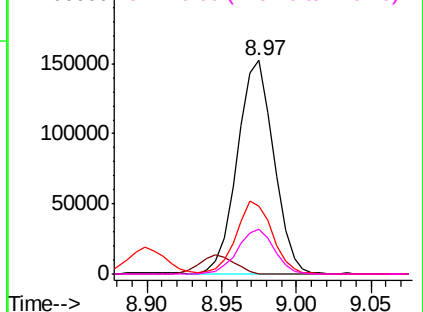


#22
Acetophenone
Concen: 56.432 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion:	105	Resp:	257683
Ion	Ratio	Lower	Upper
105	100		
71	0.2	1.8	2.8#
51	31.9	29.8	44.8
120	20.9	18.4	27.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

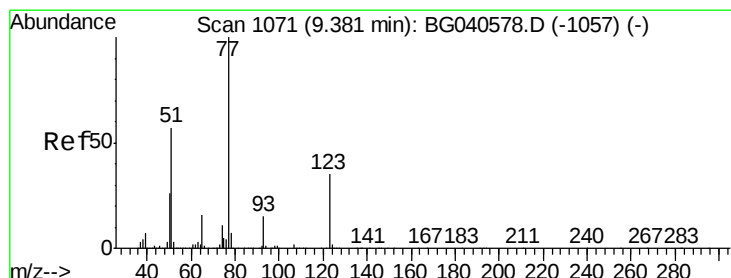
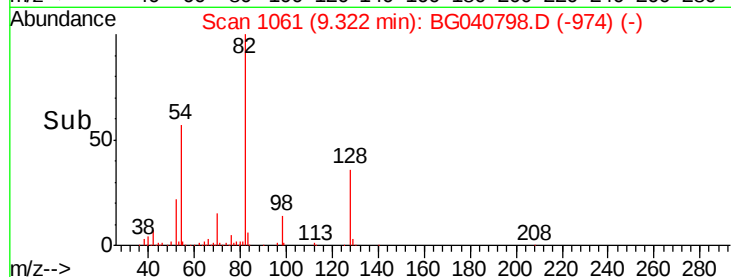
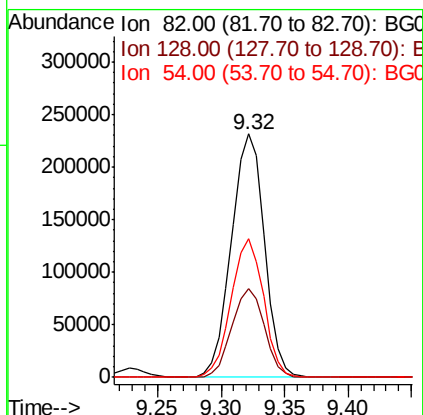
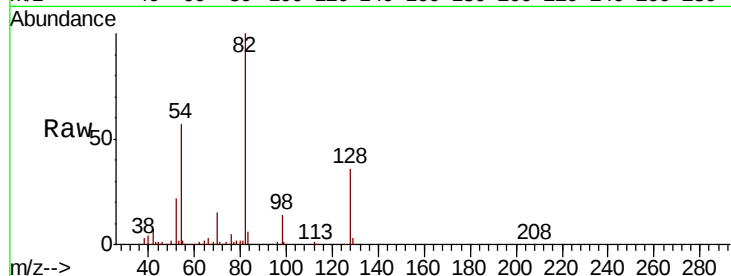




#23
 Nitrobenzene-d5
 Concen: 117.458 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

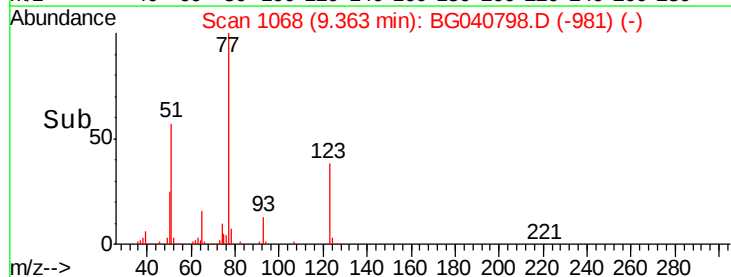
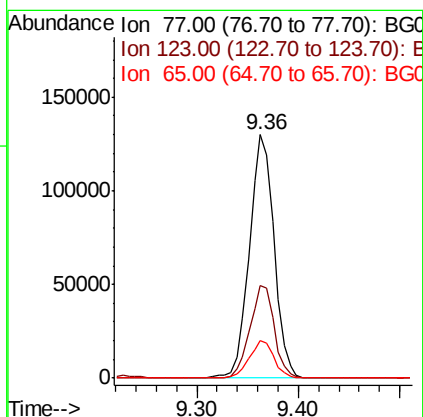
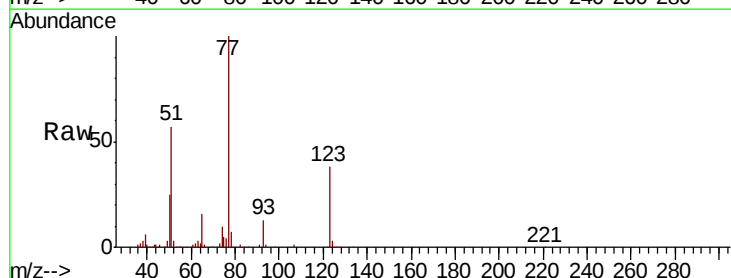
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

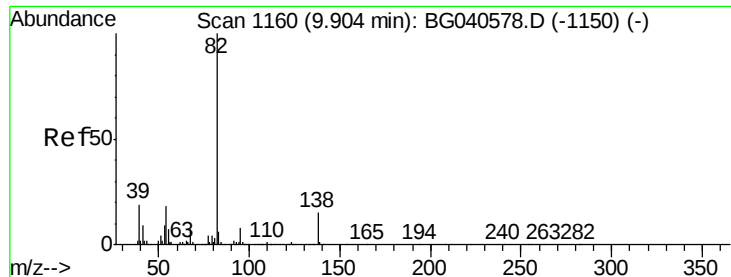
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.9	43.3
54	56.9	47.2	70.8



#24
 Nitrobenzene
 Concen: 57.870 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	27.8	41.6
65	15.6	12.4	18.6





#25

Isophorone

Concen: 52.379 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

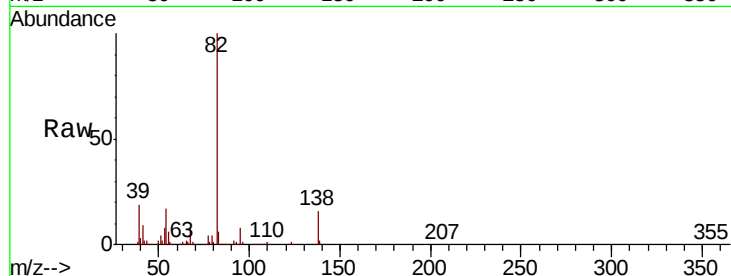
Tgt Ion: 82 Resp: 414641

Ion Ratio Lower Upper

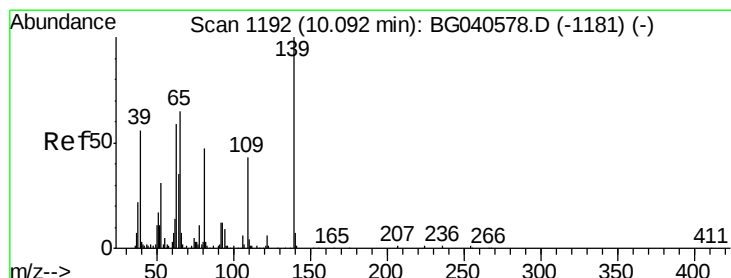
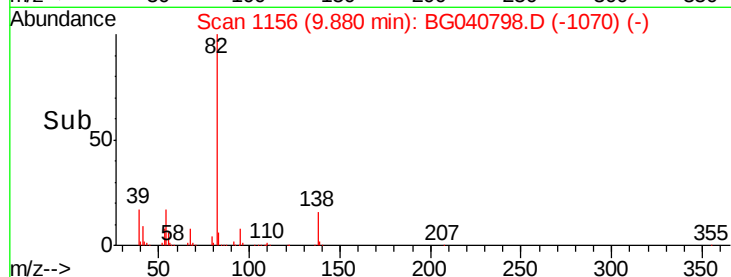
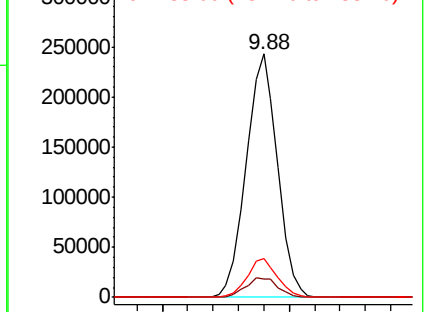
82 100

95 7.8 6.9 10.3

138 16.0 12.3 18.5



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: 66.685 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

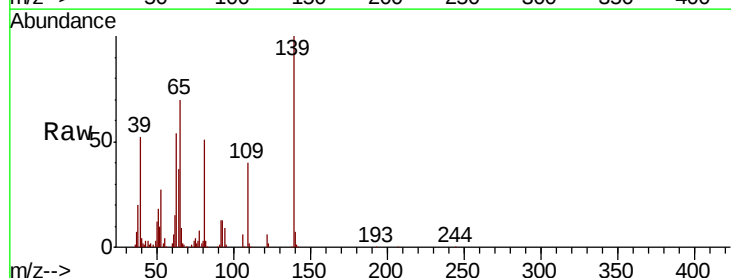
Tgt Ion: 139 Resp: 90637

Ion Ratio Lower Upper

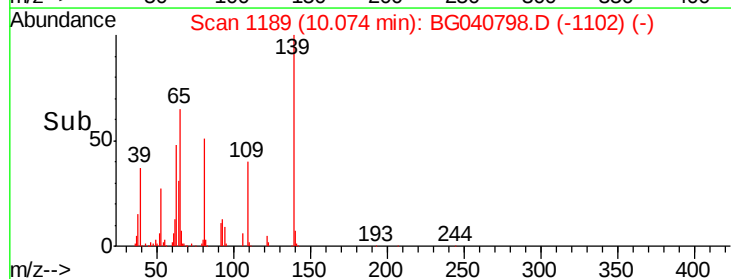
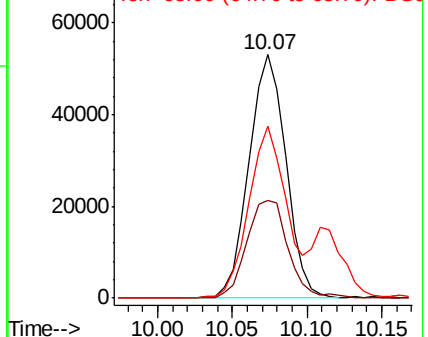
139 100

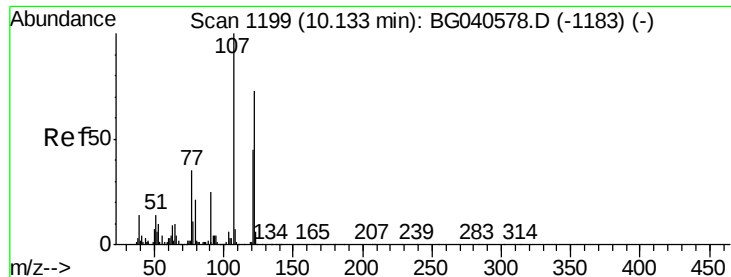
109 40.1 35.6 53.4

65 70.4 52.3 78.5



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

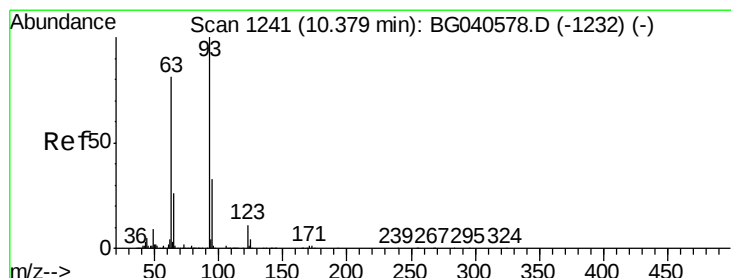
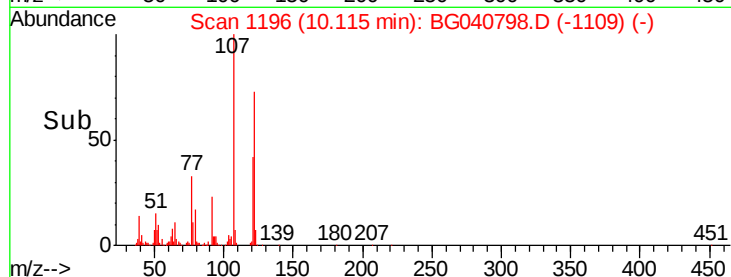
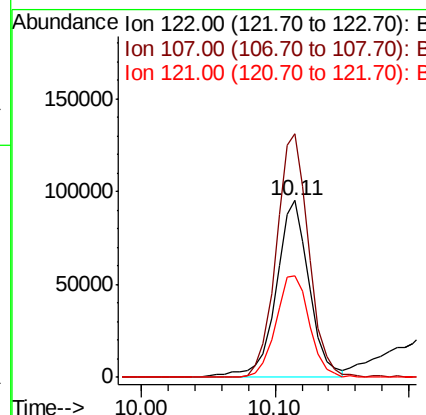
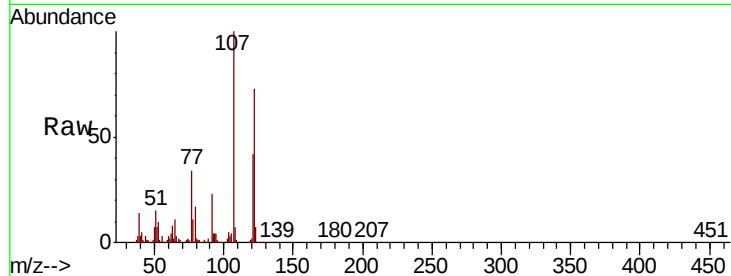




#27
 2,4-Dimethylphenol
 Concen: 64.436 ng
 RT: 10.11 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

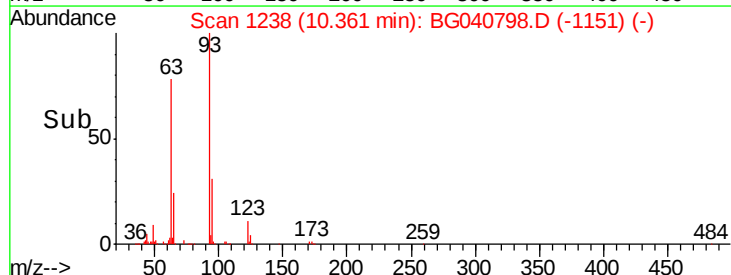
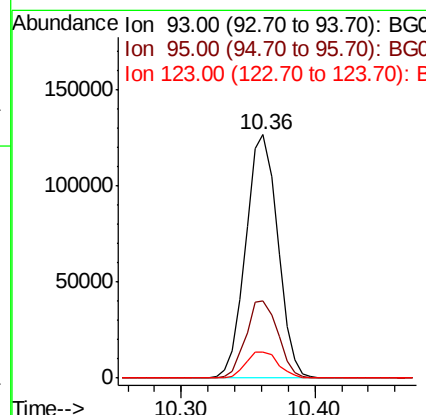
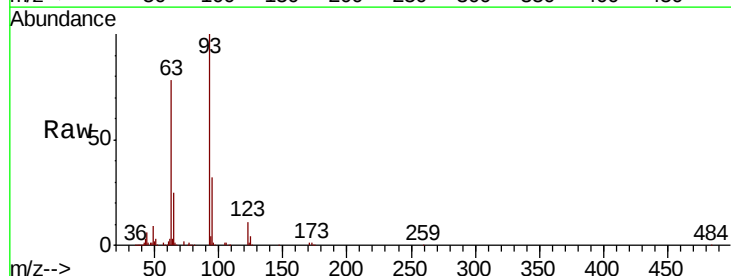
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

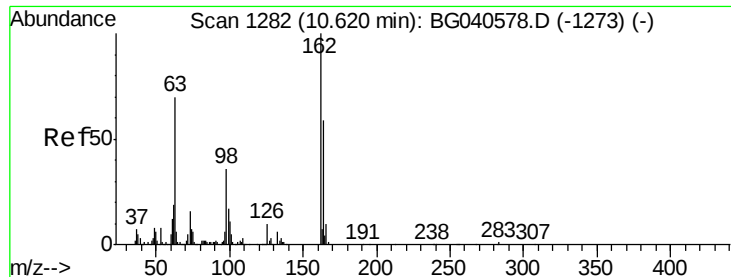
Tgt Ion:122 Resp: 164323
 Ion Ratio Lower Upper
 122 100
 107 137.7 110.1 165.1
 121 57.6 49.4 74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.678 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion: 93 Resp: 209219
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.6 40.0
 123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 63.171 ng

RT: 10.60 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

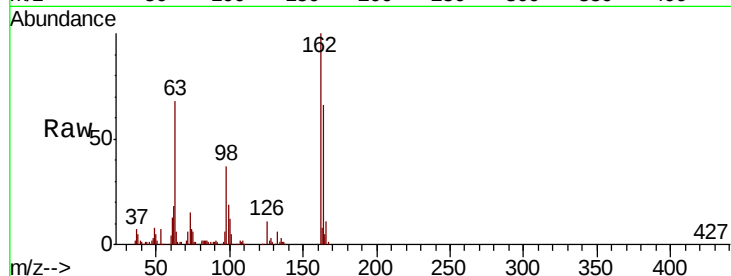
Tgt Ion:162 Resp: 183146

Ion Ratio Lower Upper

162 100

164 66.4 38.9 78.9

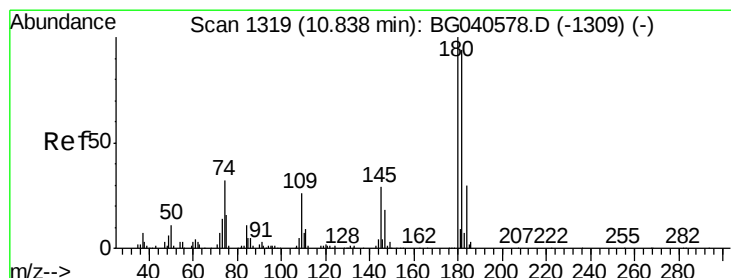
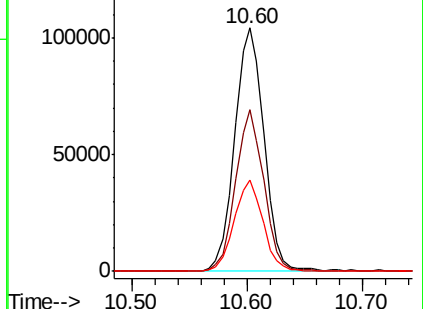
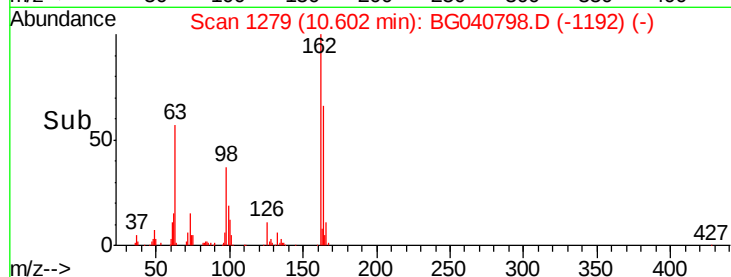
98 37.3 16.8 56.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 55.018 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

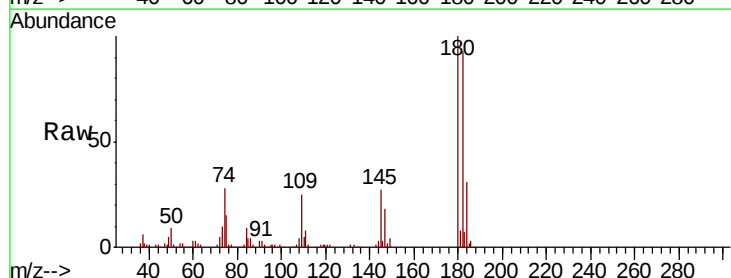
Tgt Ion:180 Resp: 176888

Ion Ratio Lower Upper

180 100

182 92.6 75.2 112.8

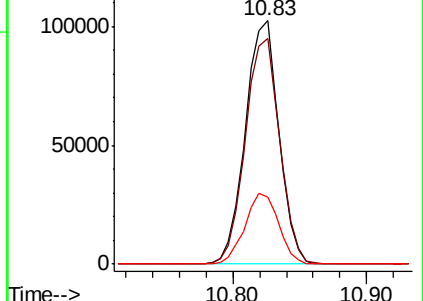
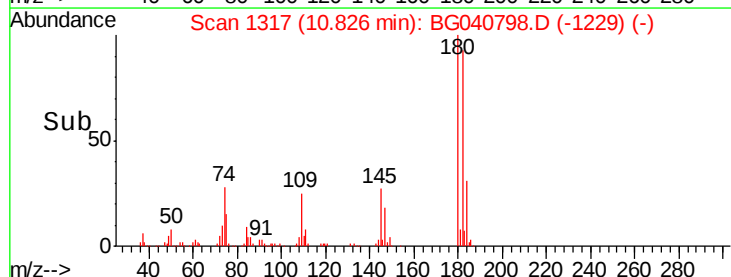
145 27.4 23.6 35.4



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

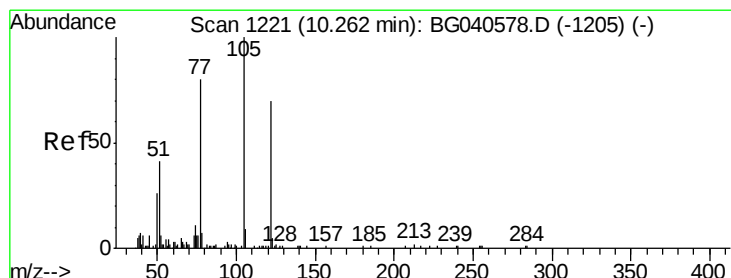
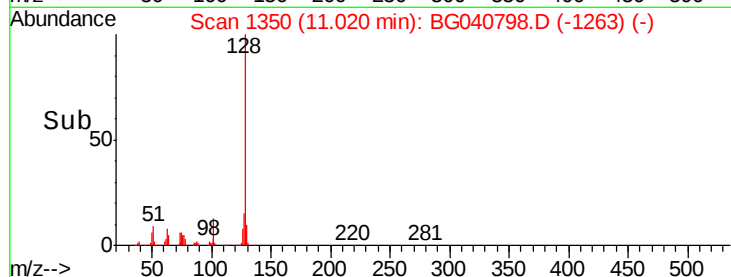
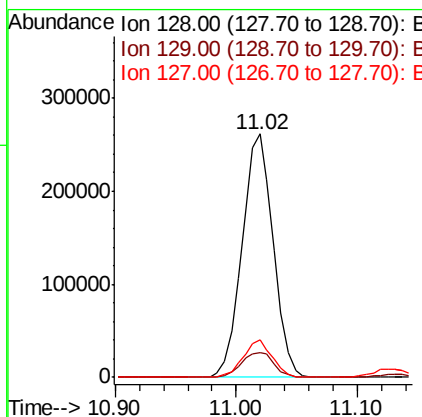
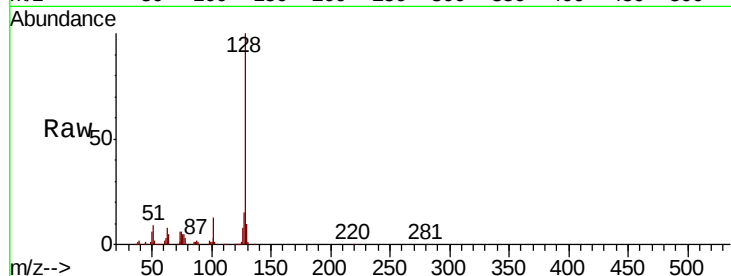




#31
Naphthalene
Concen: 53.587 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

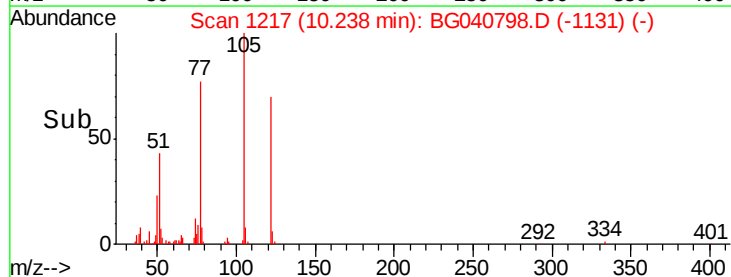
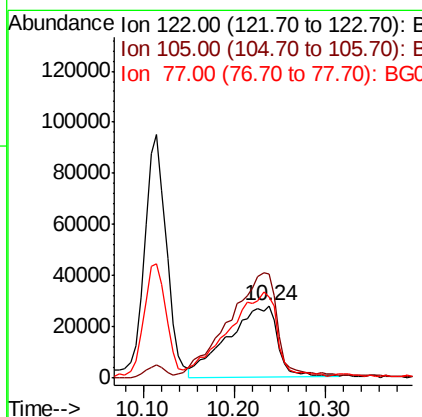
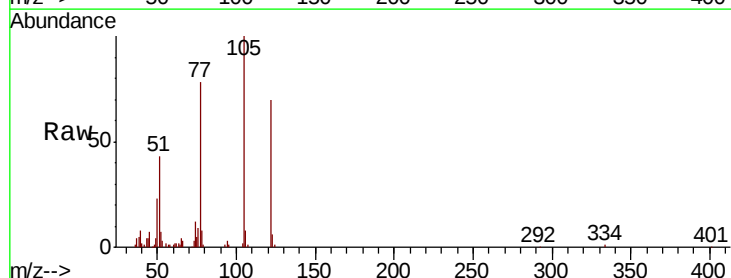
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	15.2	11.3	16.9



#32
Benzoic acid
Concen: 59.949 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.7	110.9	150.9
77	111.7	87.6	127.6

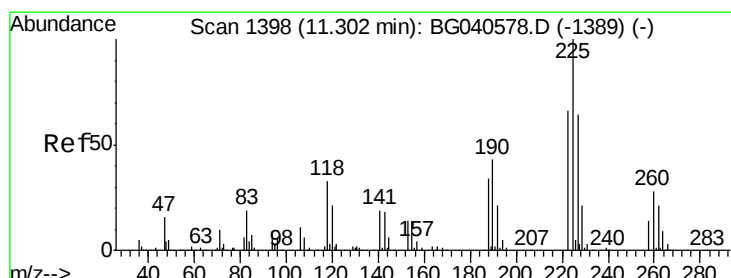
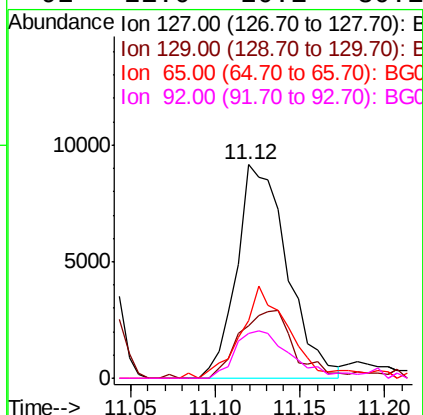
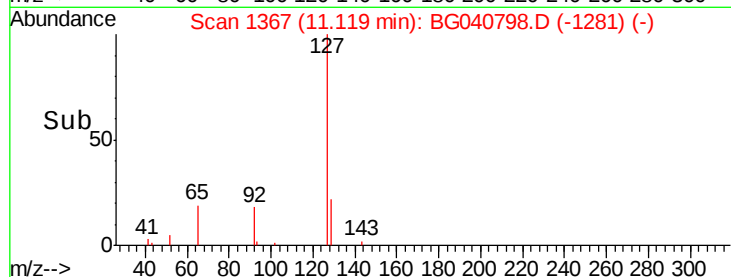
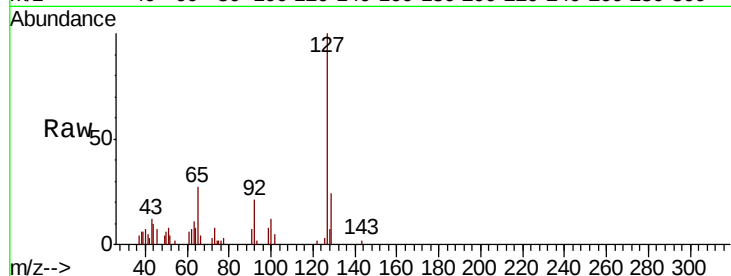




#33
4-Chloroaniline
Concen: 4.929 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

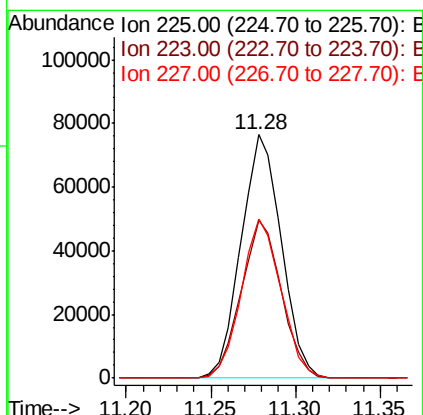
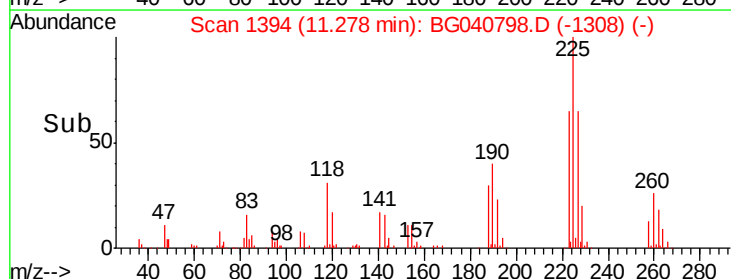
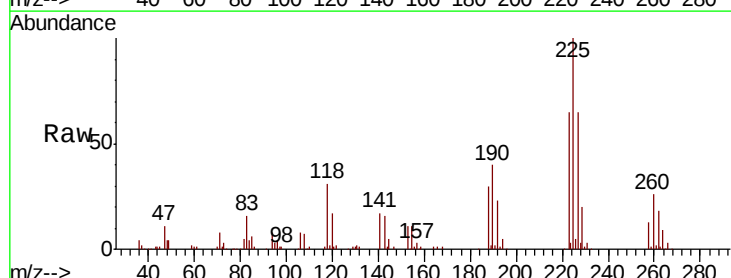
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMSD

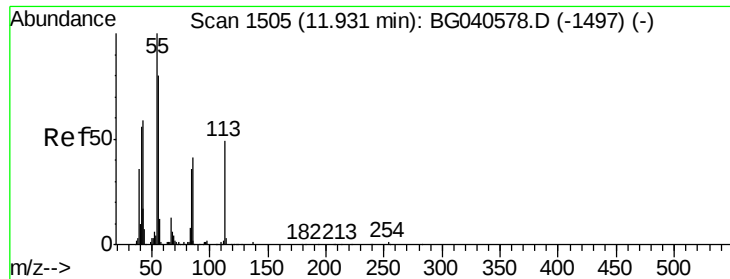
Tgt Ion:	127	Resp:	19066
Ion	Ratio	Lower	Upper
127	100		
129	24.3	25.7	38.5#
65	27.1	36.1	54.1#
92	21.0	20.1	30.1



#34
Hexachlorobutadiene
Concen: 53.327 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion:	225	Resp:	126576
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.4	75.6
227	65.1	51.0	76.6

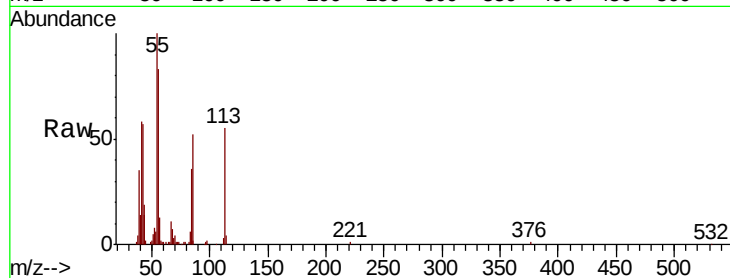




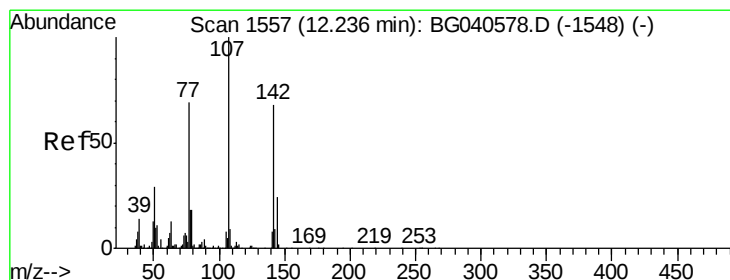
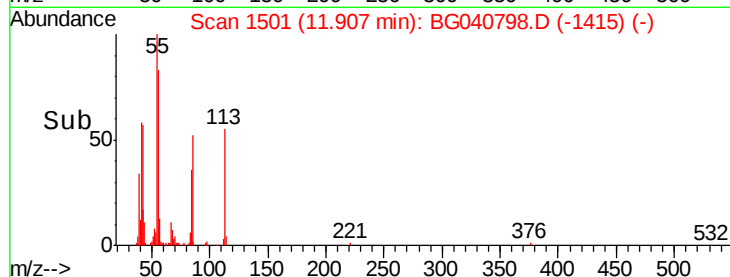
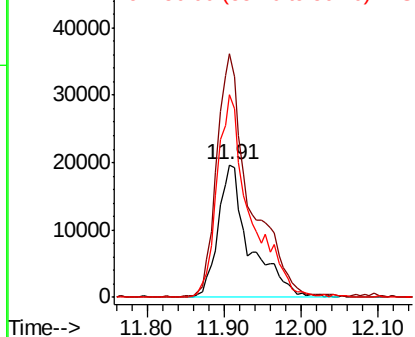
#35
 Caprolactam
 Concen: 49.013 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

Tgt Ion: 113 Resp: 56102
 Ion Ratio Lower Upper
 113 100
 55 183.4 198.6 238.6#
 56 152.3 148.4 188.4

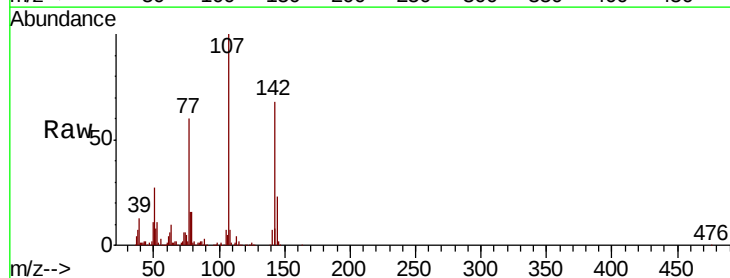


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

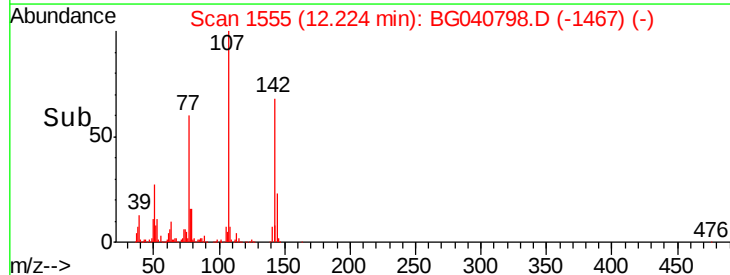
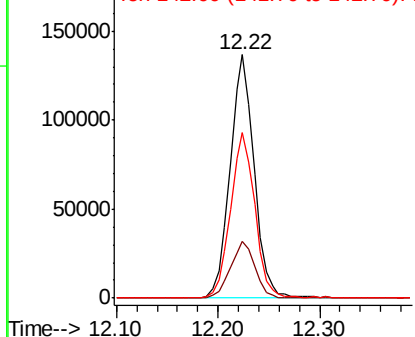


#36
 4-Chloro-3-methylphenol
 Concen: 61.465 ng
 RT: 12.22 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion: 107 Resp: 224802
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.3 28.9
 142 68.3 54.6 81.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

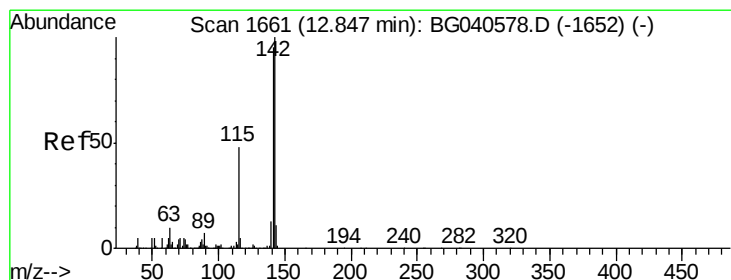
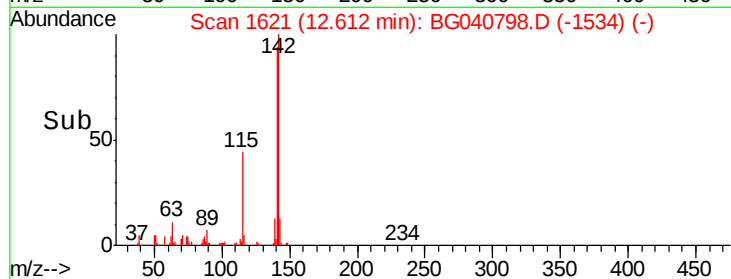
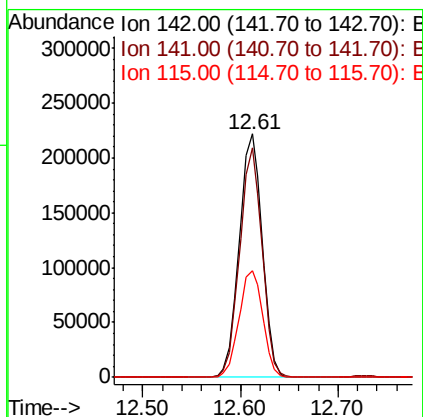
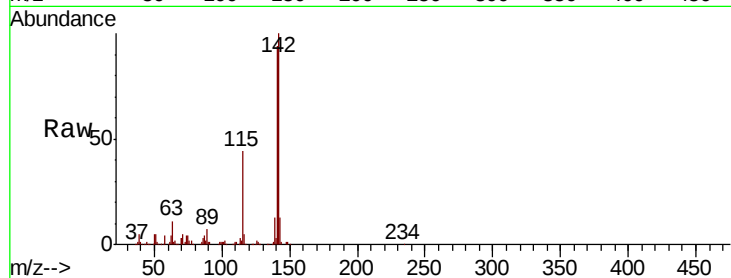




#37
2-Methylnaphthalene
Concen: 55.819 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

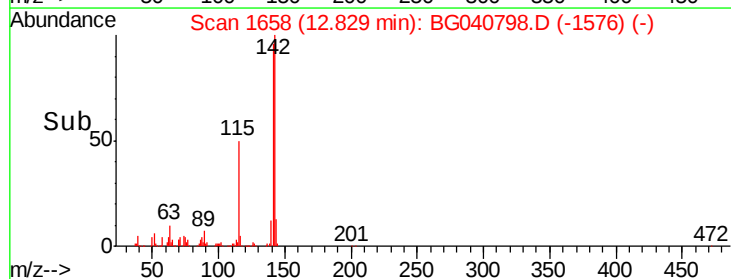
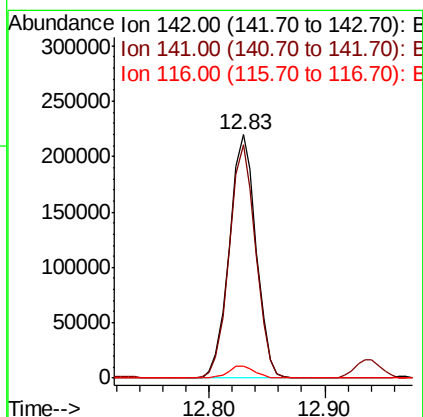
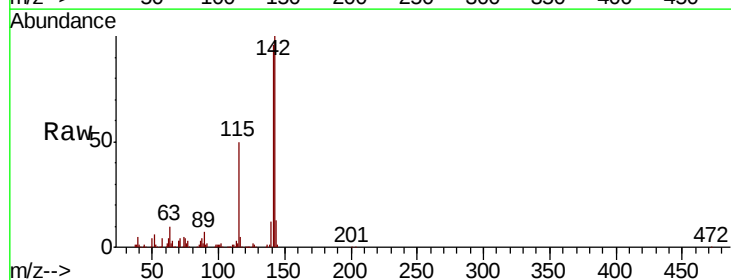
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.4	110.2
115	43.8	36.2	54.4



#38
1-Methylnaphthalene
Concen: 55.097 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.9	113.9
116	4.8	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

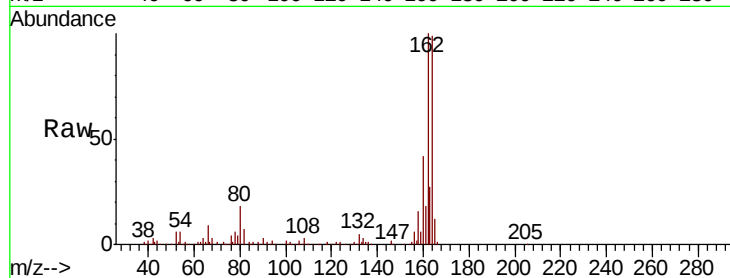
Tgt Ion:164 Resp: 128885

Ion Ratio Lower Upper

164 100

162 101.1 81.9 122.9

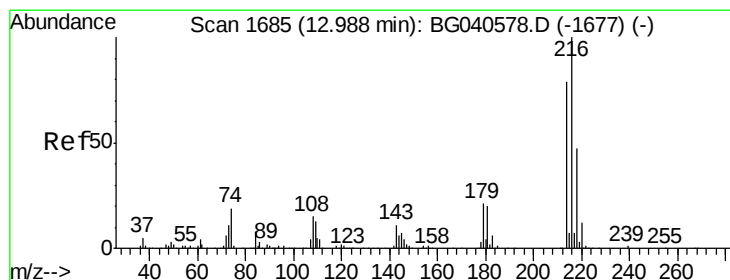
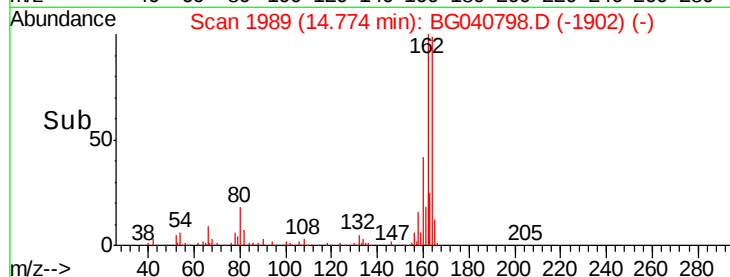
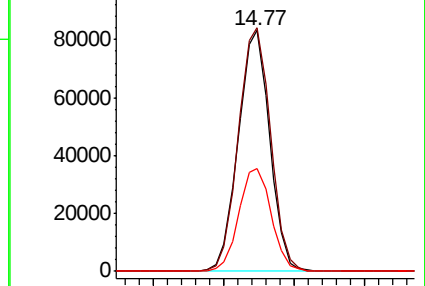
160 42.5 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.167 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion:216 Resp: 260072

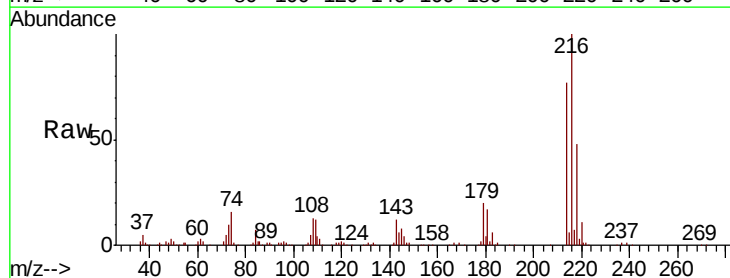
Ion Ratio Lower Upper

216 100

214 78.2 63.7 95.5

179 19.2 16.6 24.8

108 16.9 14.7 22.1

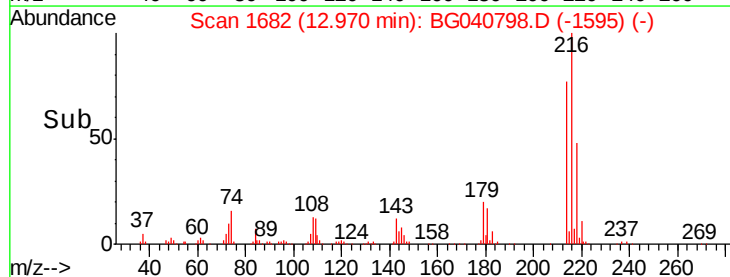
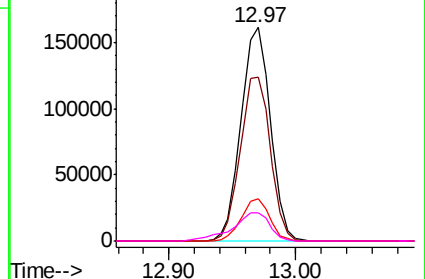


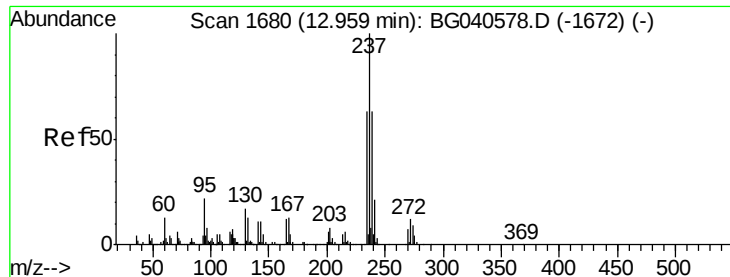
Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.567 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

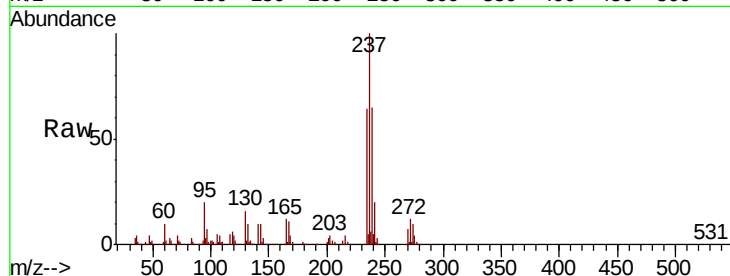
Tgt Ion: 237 Resp: 273590

Ion Ratio Lower Upper

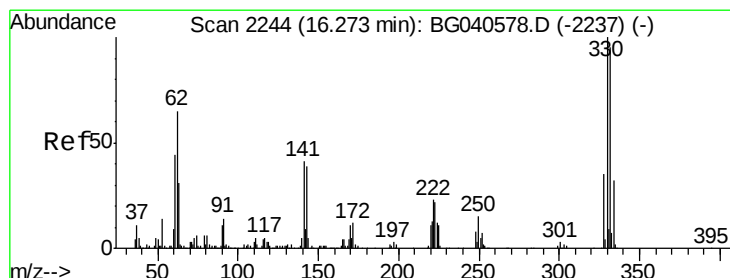
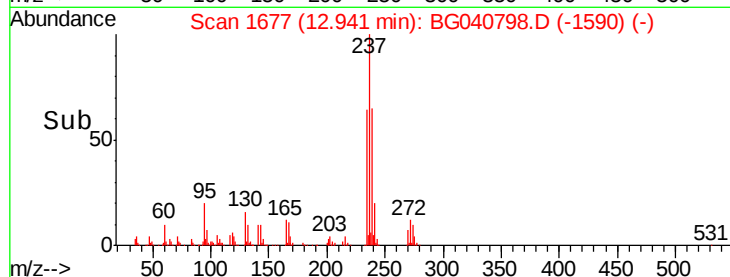
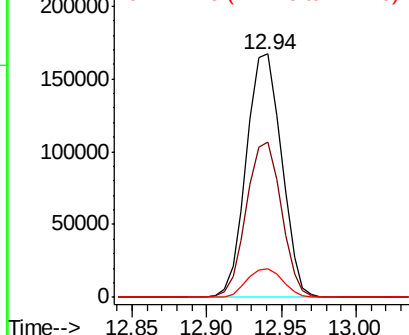
237 100

235 64.0 42.5 82.5

272 11.7 0.0 31.6



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: 197.853 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

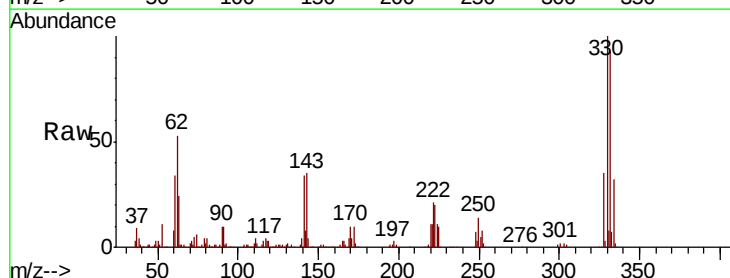
Tgt Ion: 330 Resp: 350507

Ion Ratio Lower Upper

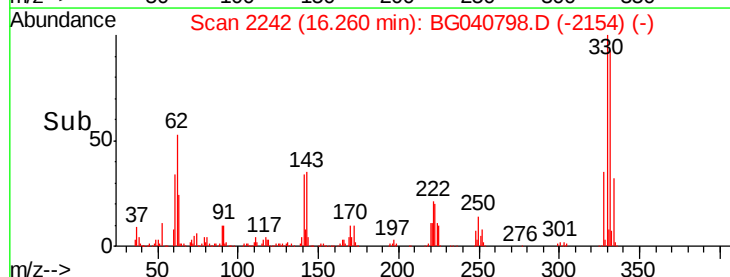
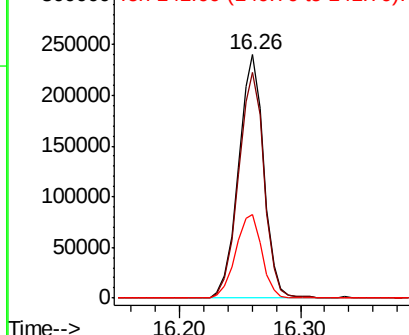
330 100

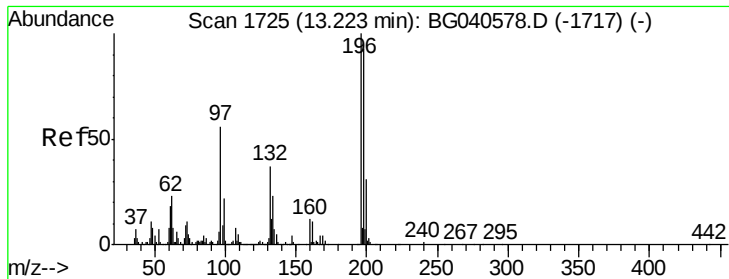
332 94.0 75.9 113.9

141 36.0 32.4 48.6



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

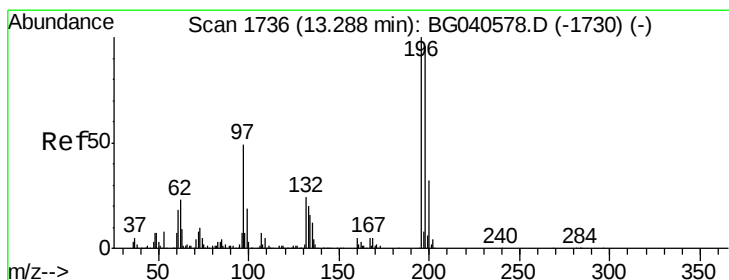
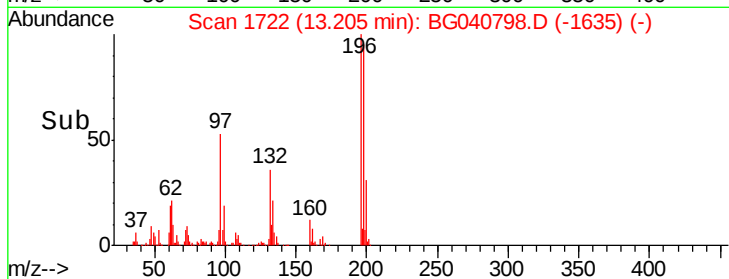
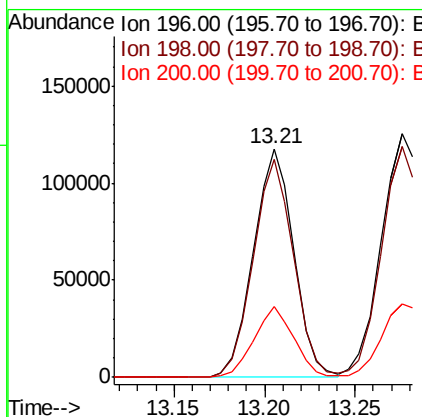
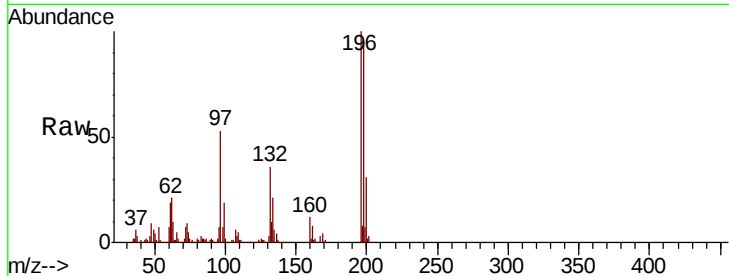




#43
 2,4,6-Trichlorophenol
 Concen: 62.511 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

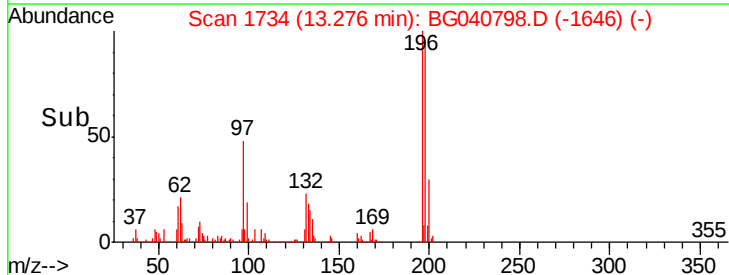
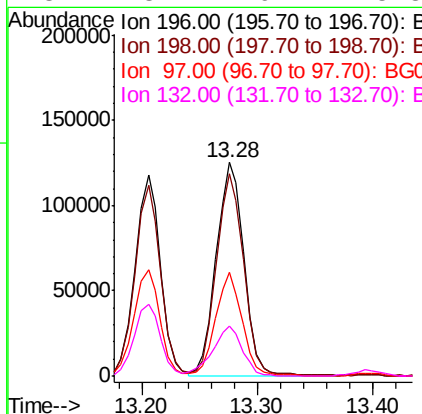
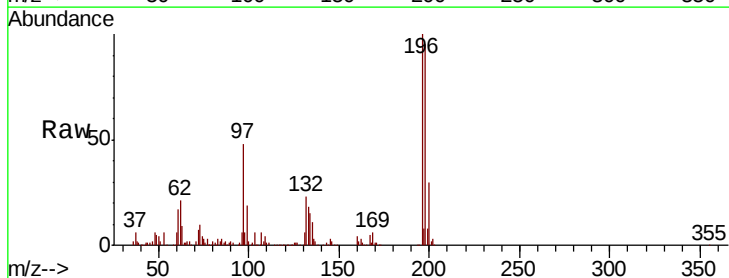
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

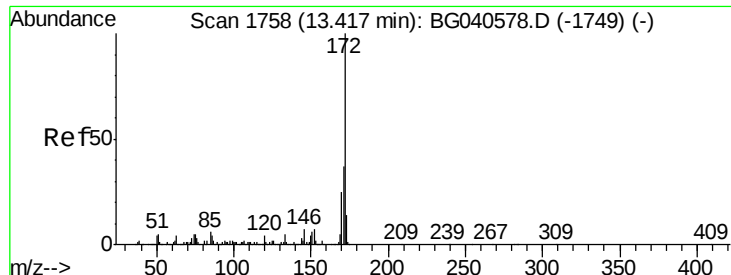
Tgt Ion:196 Resp: 181374
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.8 112.2
 200 30.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 65.418 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion:196 Resp: 206766
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.0 115.6
 97 48.3 40.0 60.0
 132 23.2 19.2 28.8

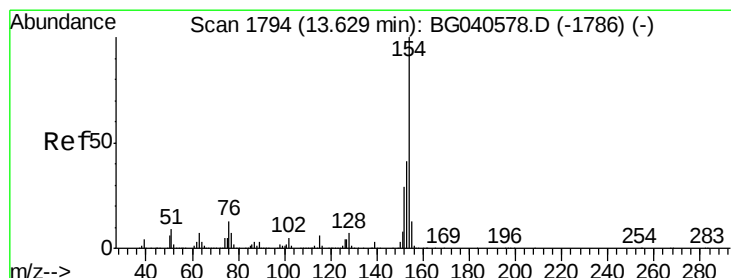
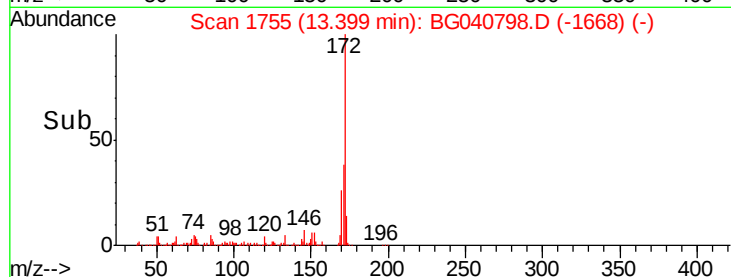
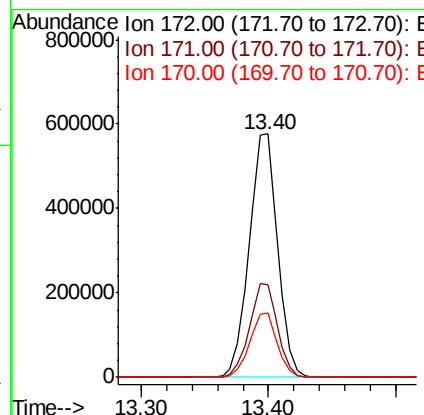
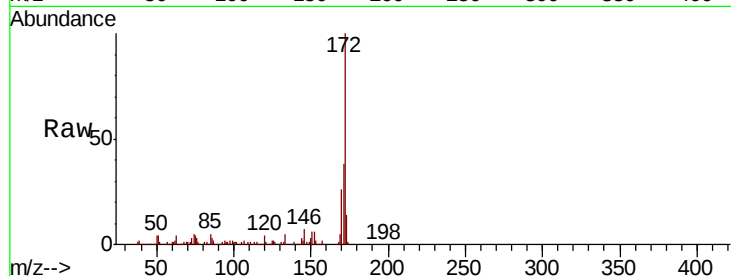




#45
2-Fluorobiphenyl
Concen: 100.663 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

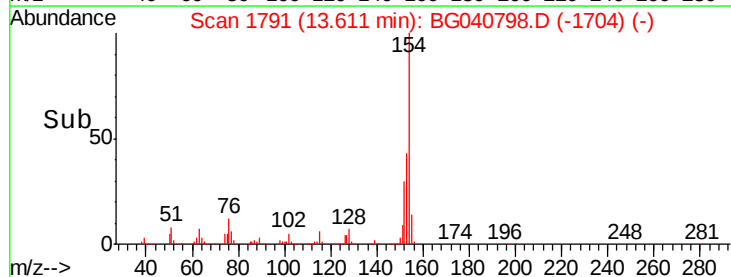
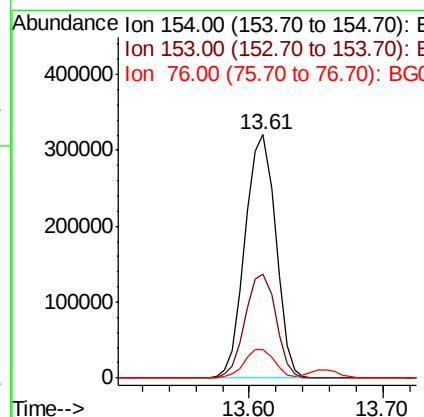
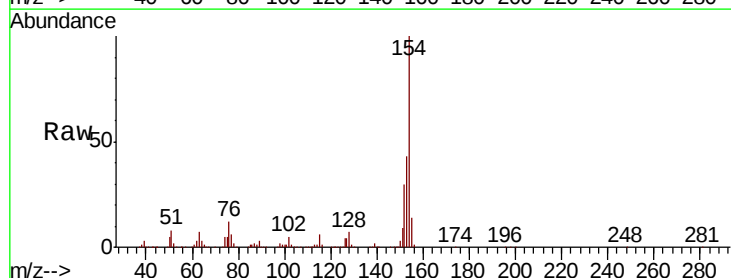
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMSD

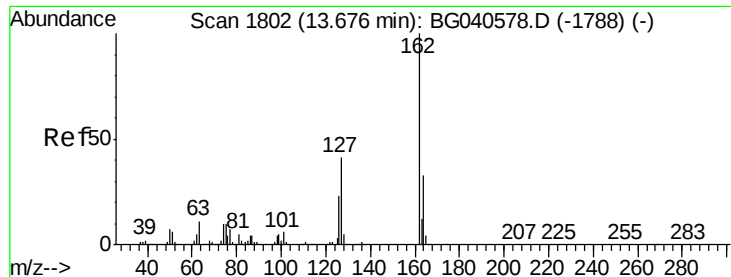
Tgt Ion:	172	Resp:	898351
Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	26.4	19.9	29.9



#46
1,1'-Biphenyl
Concen: 50.910 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion:	154	Resp:	509439
Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.5	60.5
76	11.9	0.0	32.5

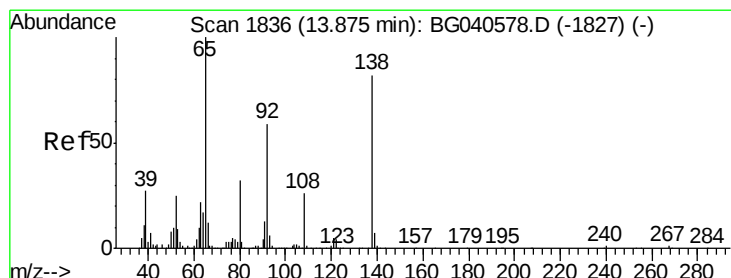
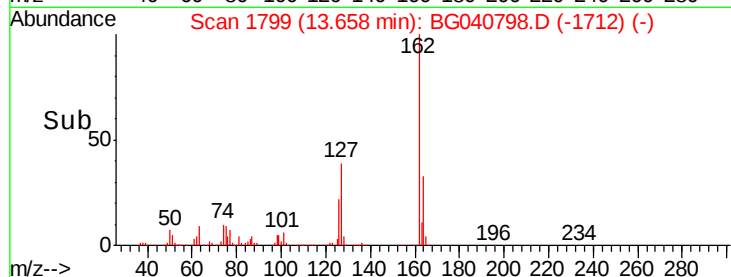
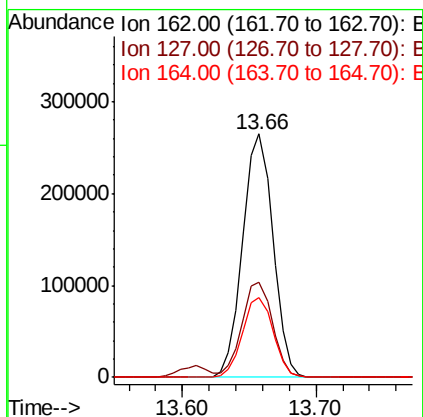
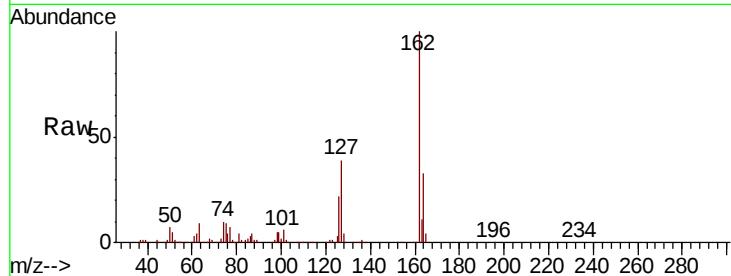




#47
 2-Chloronaphthalene
 Concen: 53.315 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

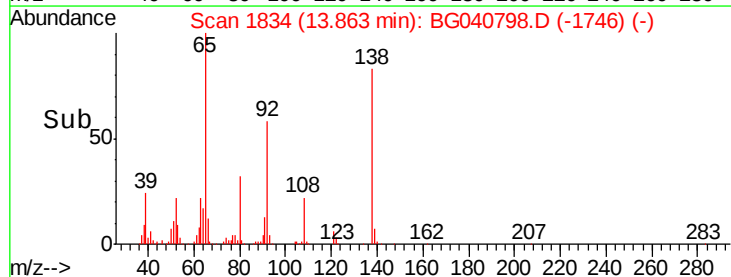
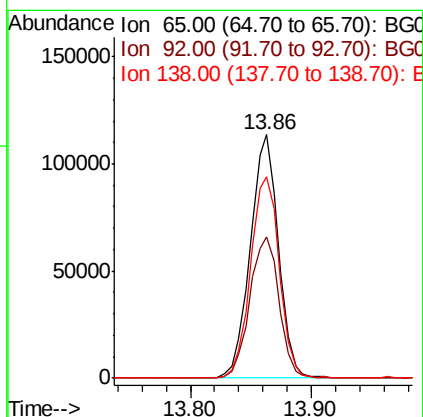
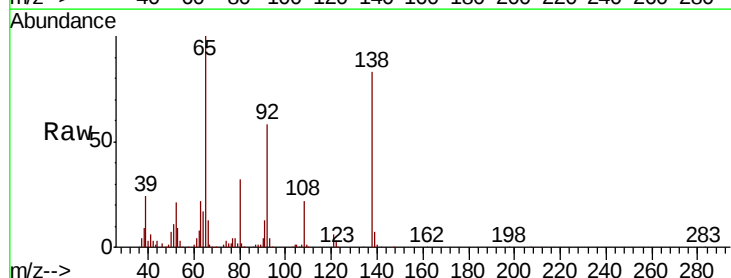
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

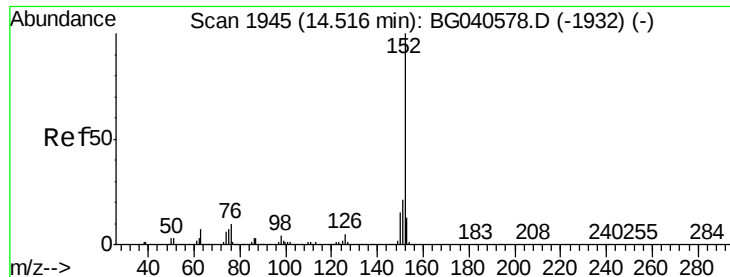
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.0	49.4
164	32.8	26.8	40.2



#48
 2-Nitroaniline
 Concen: 66.006 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.8	47.4	71.0
138	82.6	66.1	99.1





#49

Acenaphthylene

Concen: 51.162 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

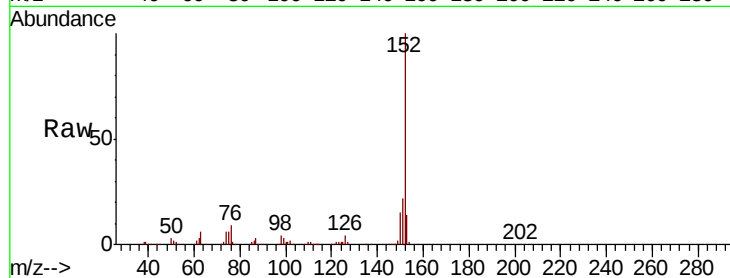
Tgt Ion:152 Resp: 679763

Ion Ratio Lower Upper

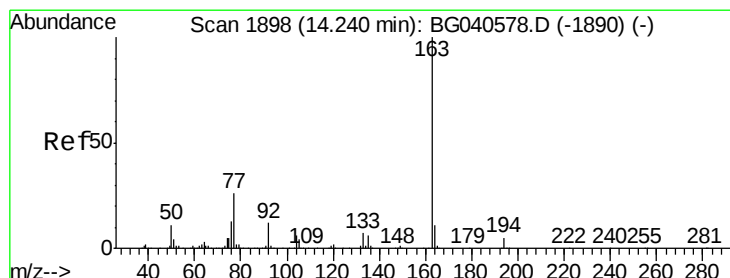
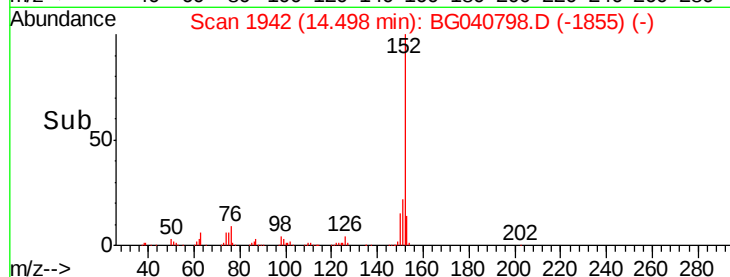
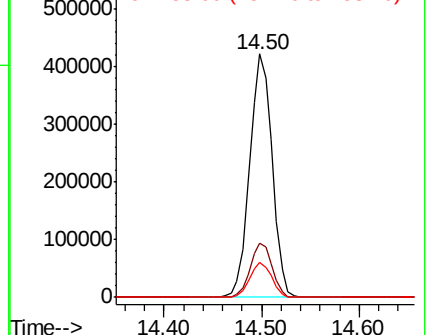
152 100

151 22.3 17.2 25.8

153 14.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.353 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

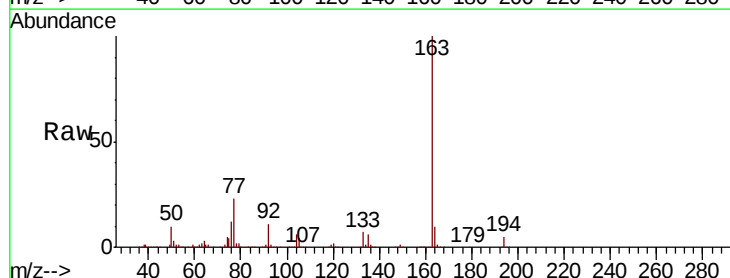
Tgt Ion:163 Resp: 618463

Ion Ratio Lower Upper

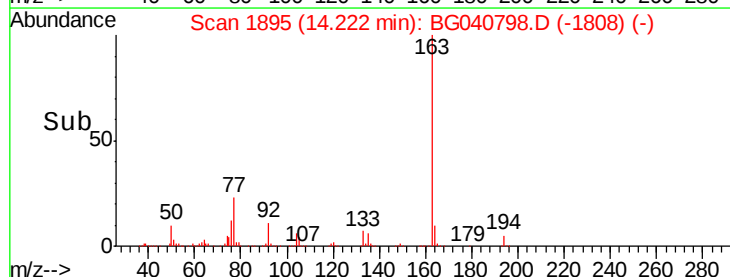
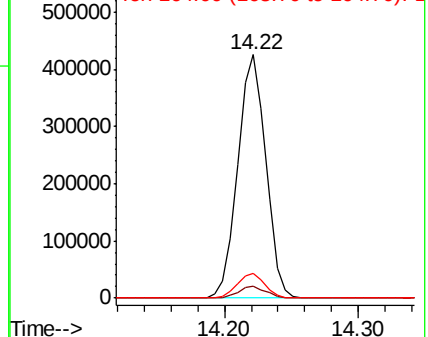
163 100

194 5.0 3.8 5.8

164 10.0 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 65.364 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

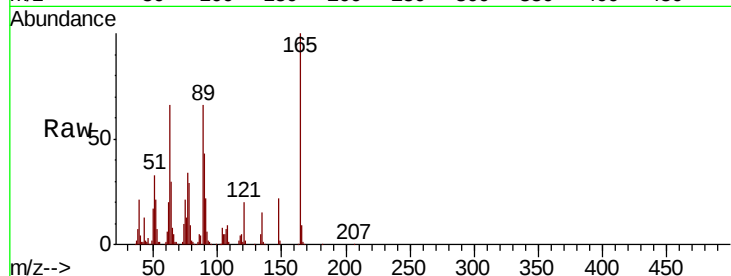
Tgt Ion:165 Resp: 137566

Ion Ratio Lower Upper

165 100

63 66.0 61.0 91.4

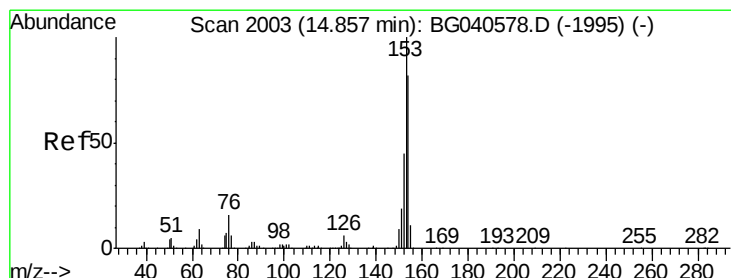
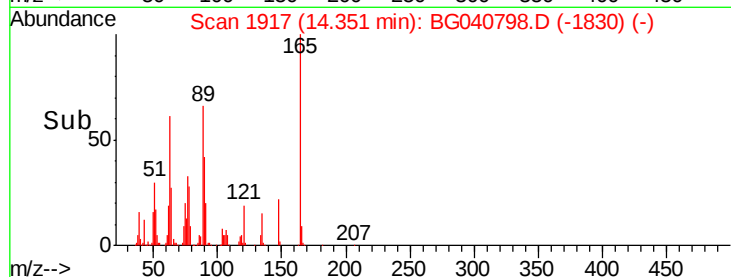
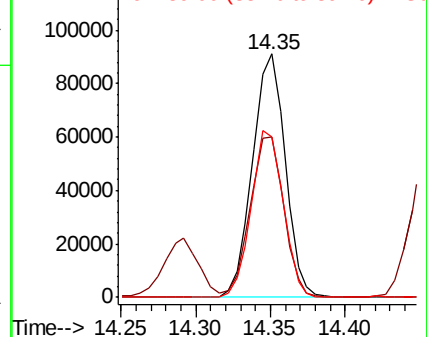
89 65.9 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 52.944 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

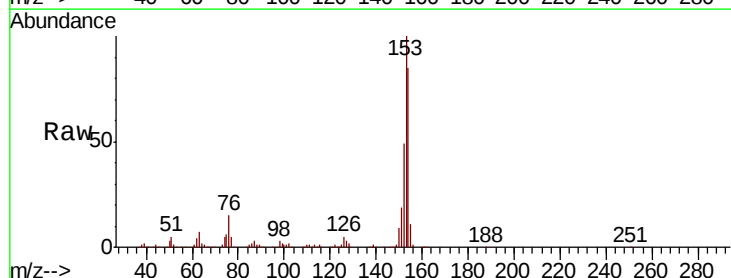
Tgt Ion:154 Resp: 409661

Ion Ratio Lower Upper

154 100

153 117.4 97.0 145.6

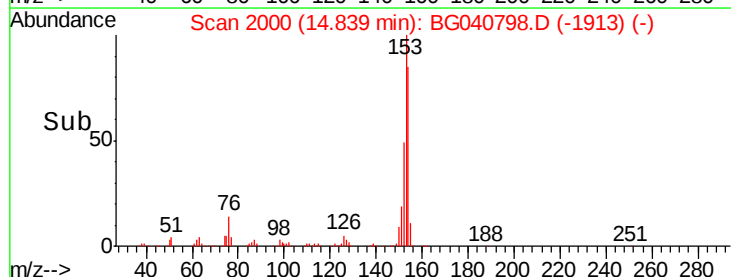
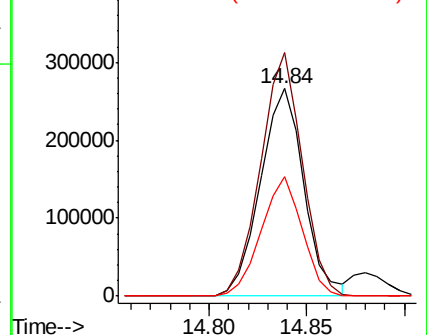
152 57.8 44.1 66.1

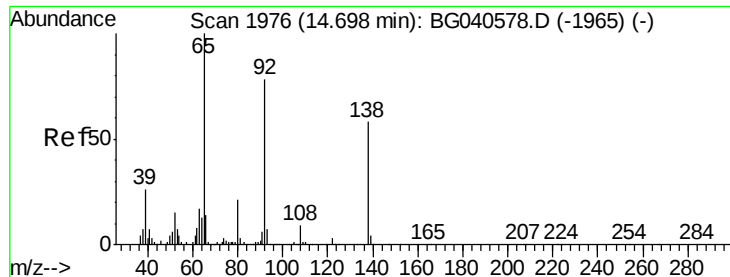


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

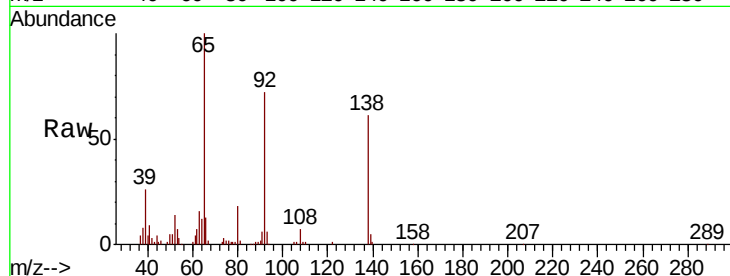




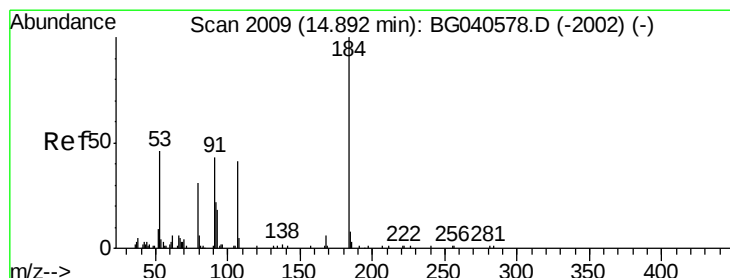
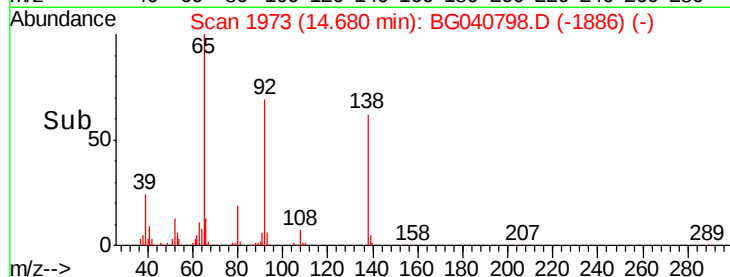
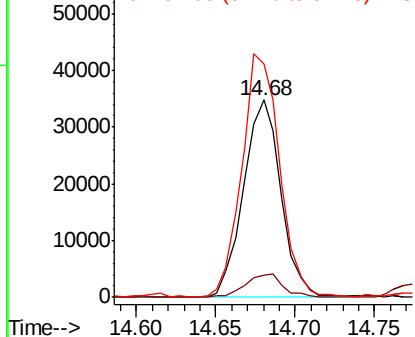
#53
 3-Nitroaniline
 Concen: 26.420 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

Tgt Ion:138 Resp: 56972
 Ion Ratio Lower Upper
 138 100
 108 11.3 12.4 18.6#
 92 118.1 108.6 162.8

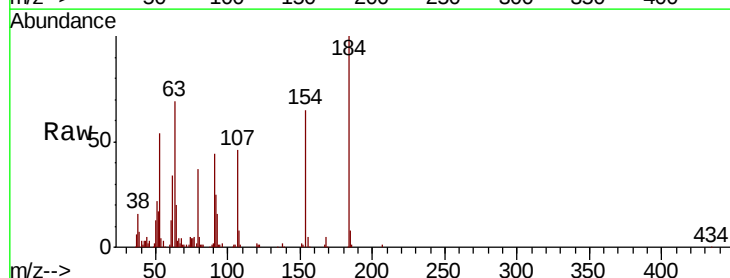


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

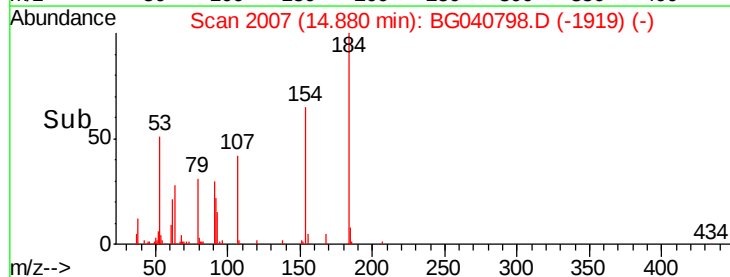
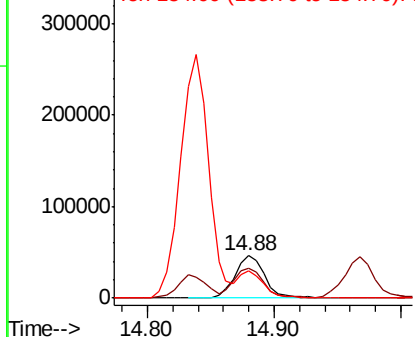


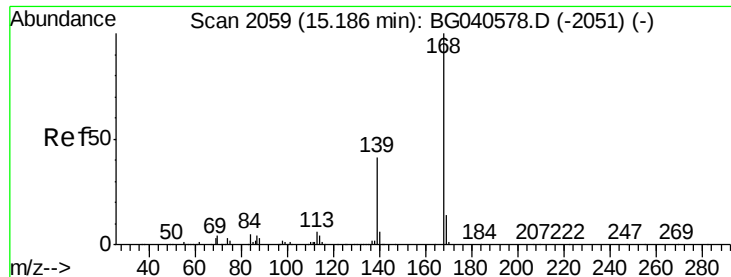
#54
 2,4-Dinitrophenol
 Concen: 65.129 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion:184 Resp: 75611
 Ion Ratio Lower Upper
 184 100
 63 69.0 51.8 77.6
 154 64.6 43.6 65.4



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: 55.595 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

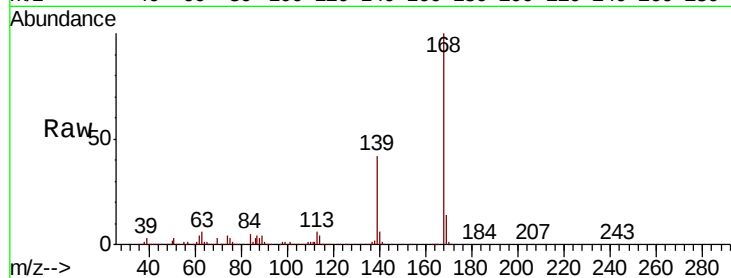
Tgt Ion:168 Resp: 704585

Ion Ratio Lower Upper

168 100

139 42.0 33.0 49.4

169 13.9 11.0 16.4

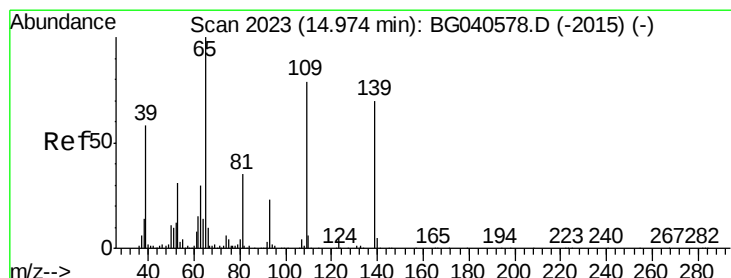
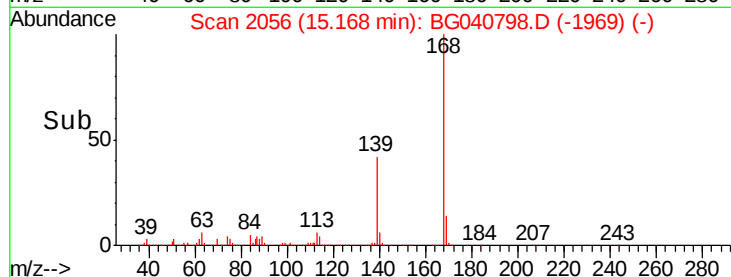
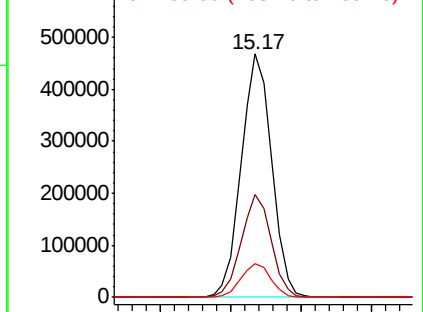


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 98.382 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

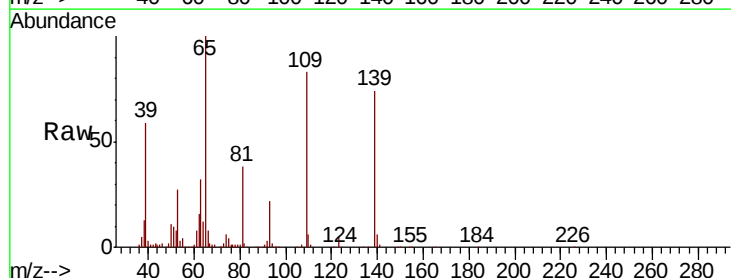
Tgt Ion:139 Resp: 183960

Ion Ratio Lower Upper

139 100

109 111.8 93.8 133.8

65 135.3 122.7 162.7

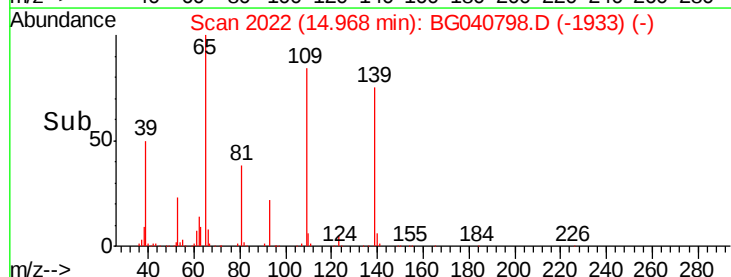
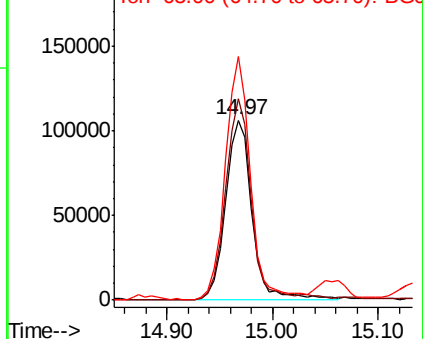


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

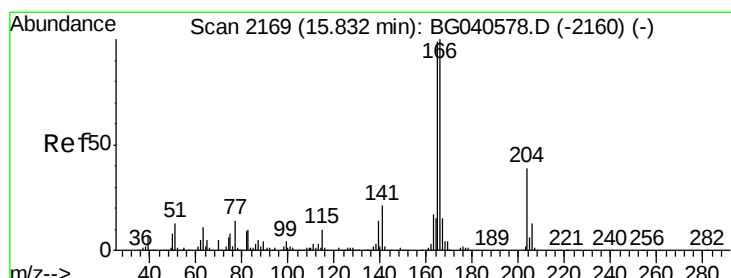
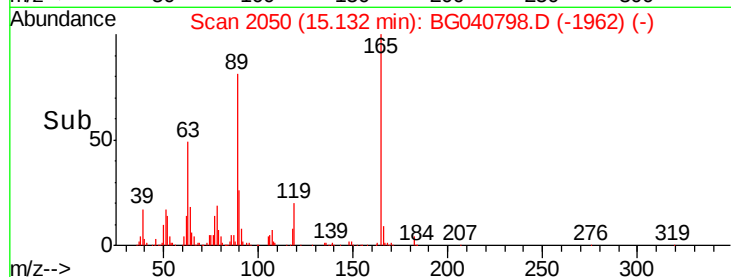
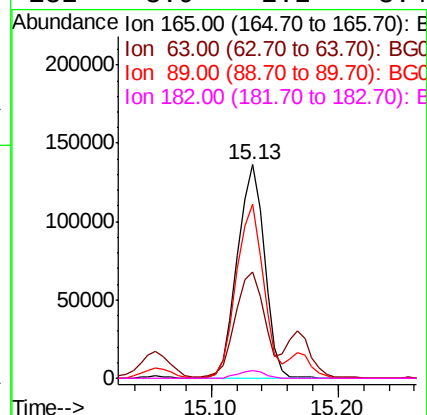
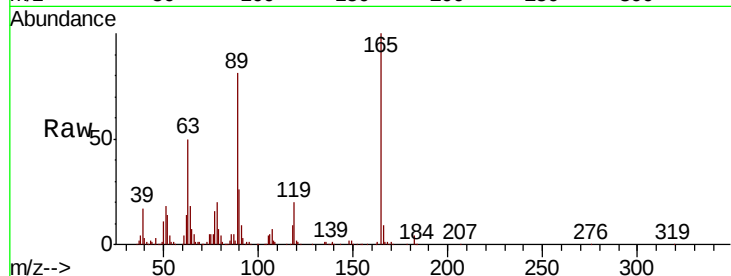




#57
 2,4-Dinitrotoluene
 Concen: 70.412 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

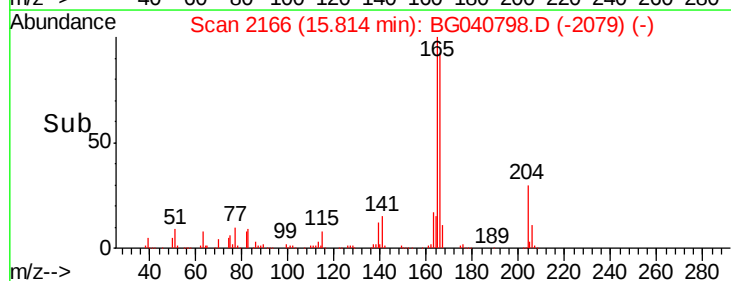
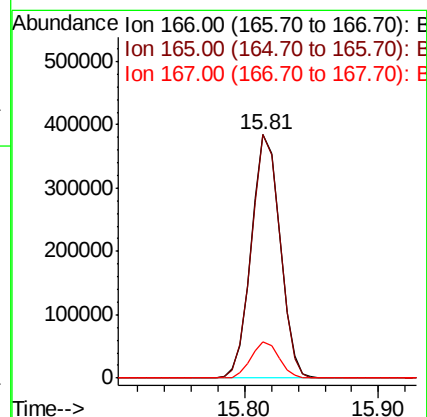
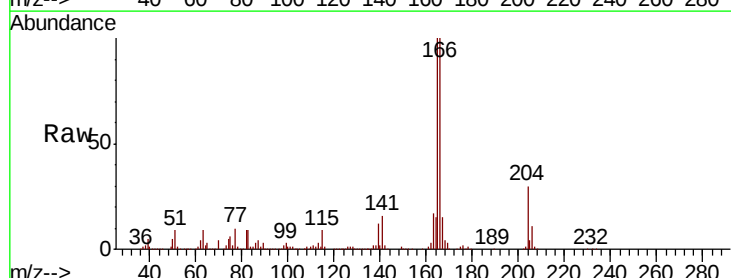
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

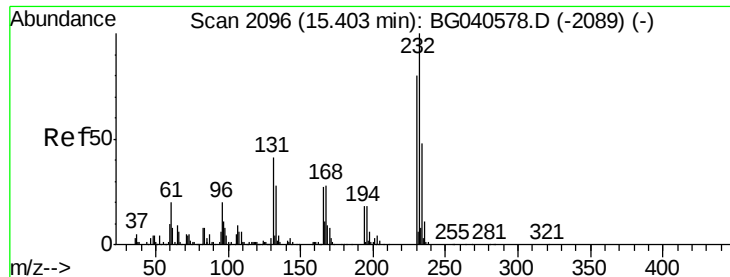
Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	45.8	68.8
89	81.4	69.4	104.2
182	3.9	2.2	3.4



#58
 Fluorene
 Concen: 55.535 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.6	119.4
167	14.7	12.2	18.2

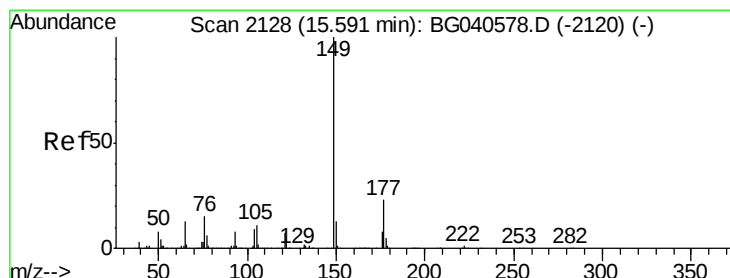
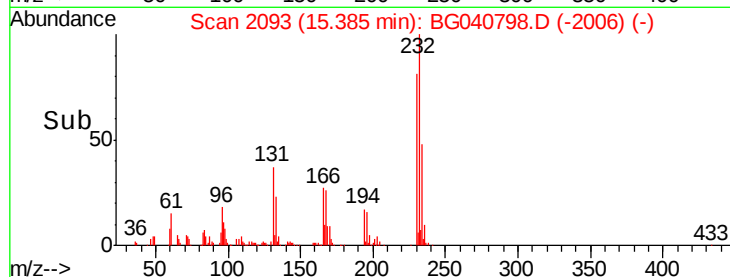
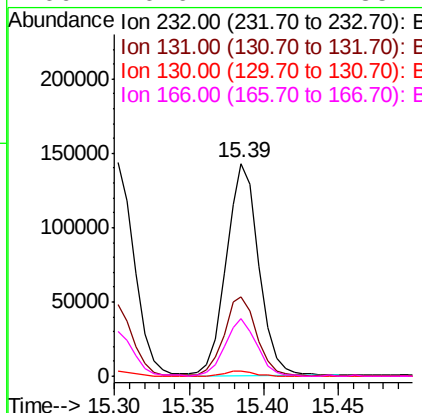
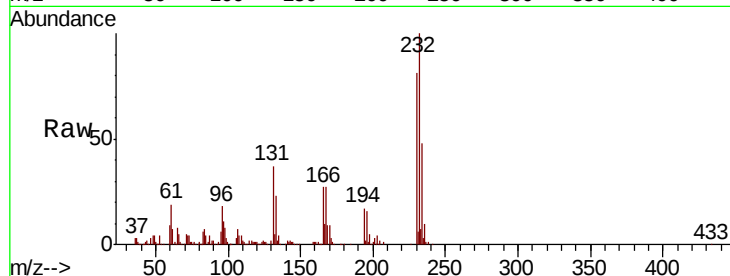




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 68.262 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

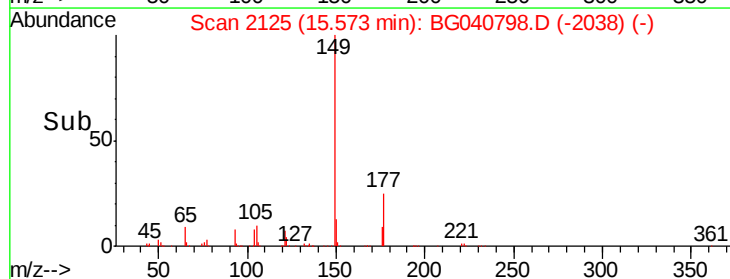
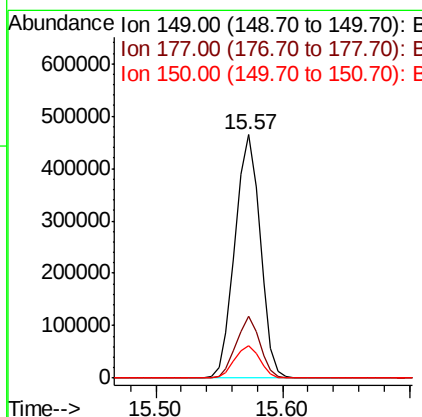
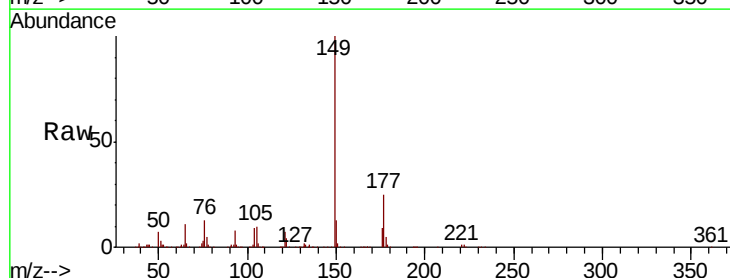
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

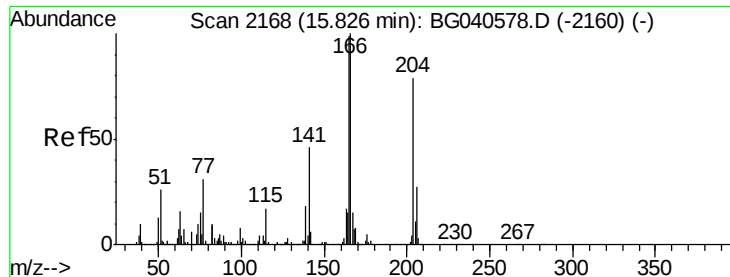
Tgt Ion:	232	Resp:	217161
Ion	Ratio	Lower	Upper
232	100		
131	38.0	33.0	49.4
130	2.4	2.0	3.0
166	26.6	22.1	33.1



#60
 Diethylphthalate
 Concen: 56.255 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion:	149	Resp:	640040
Ion	Ratio	Lower	Upper
149	100		
177	25.4	18.5	27.7
150	13.2	10.2	15.4

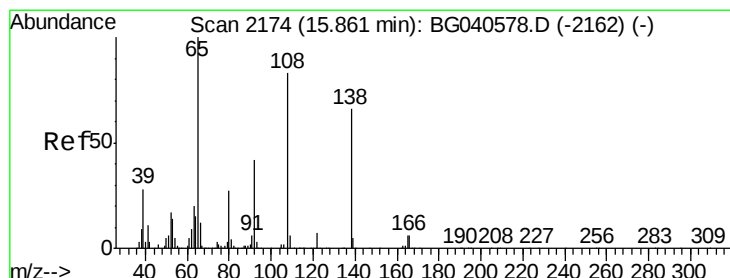
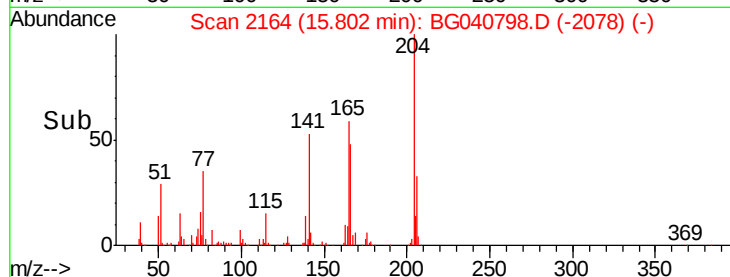
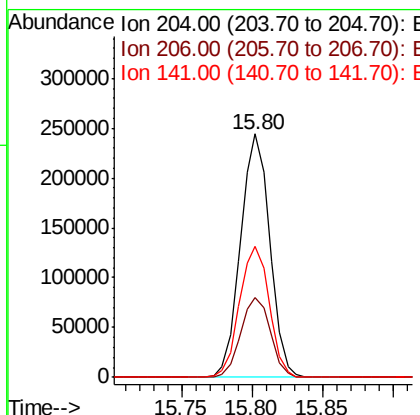
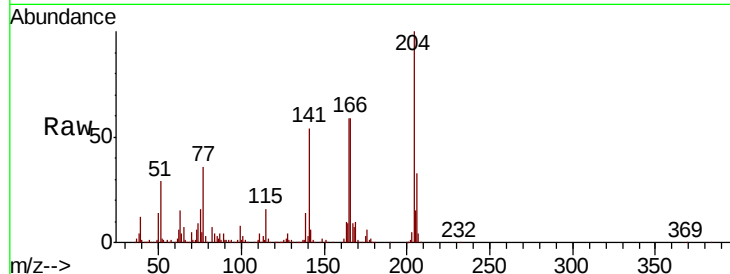




#61
 4-Chlorophenyl-phenylether
 Concen: 59.366 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

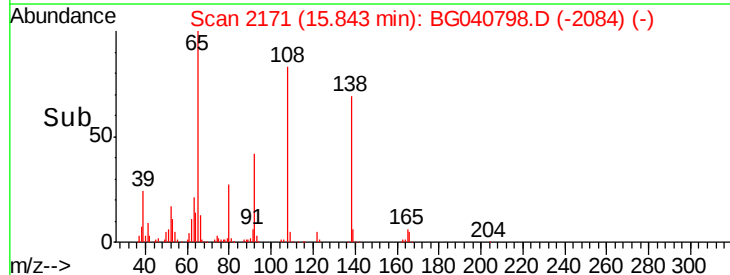
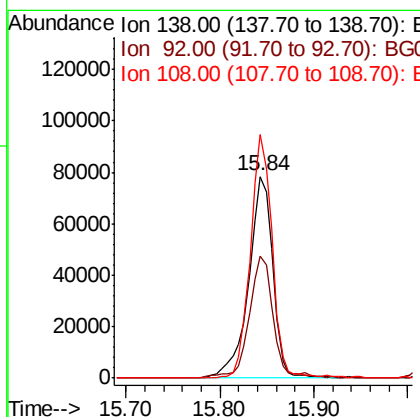
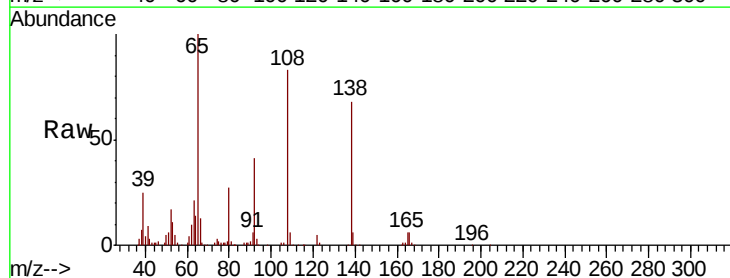
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

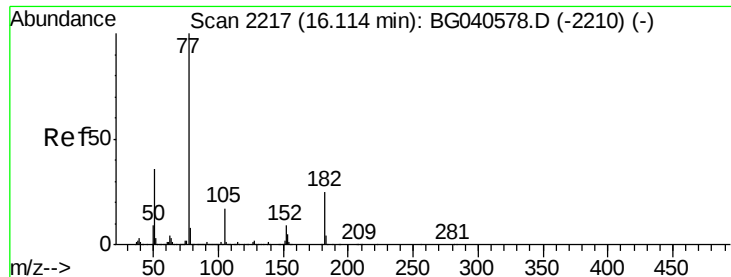
Tgt Ion: 204 Resp: 353688
 Ion Ratio Lower Upper
 204 100
 206 32.6 27.4 41.2
 141 54.0 46.0 69.0



#62
 4-Nitroaniline
 Concen: 58.033 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion: 138 Resp: 139988
 Ion Ratio Lower Upper
 138 100
 92 60.4 43.9 83.9
 108 120.9 106.5 146.5

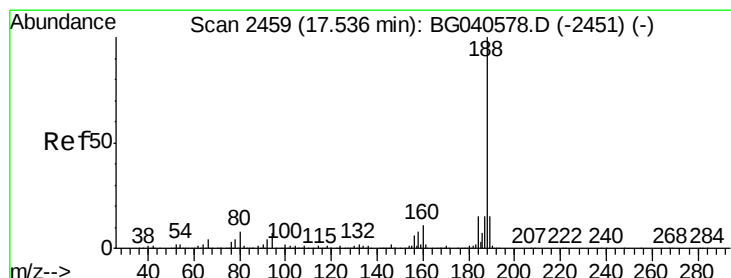
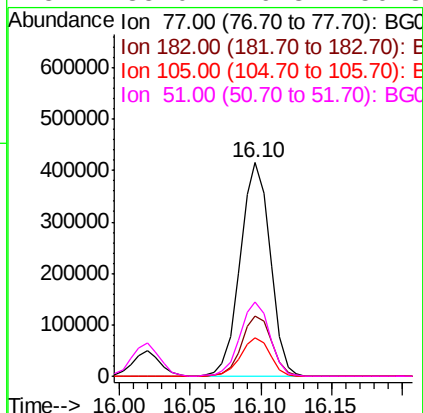
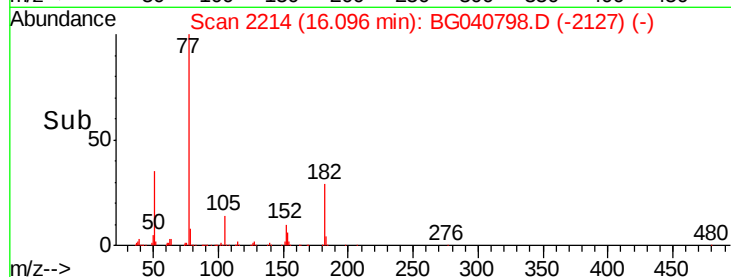
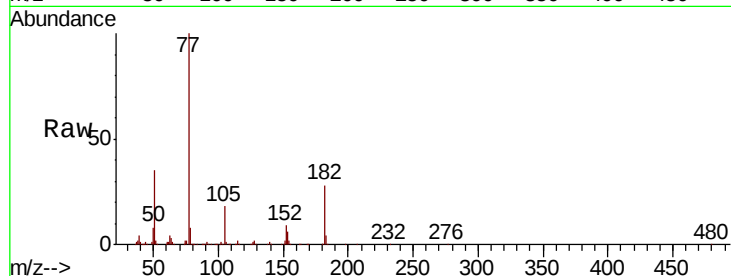




#63
Azobenzene
Concen: 52.666 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

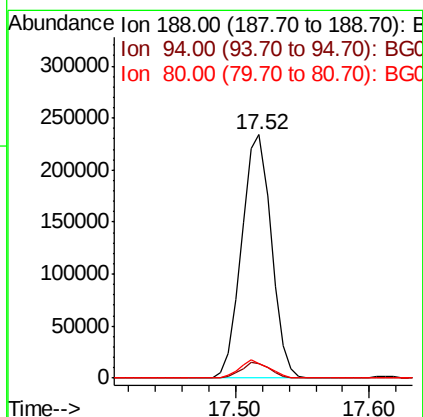
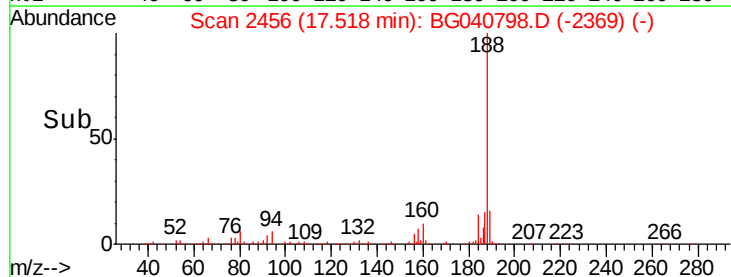
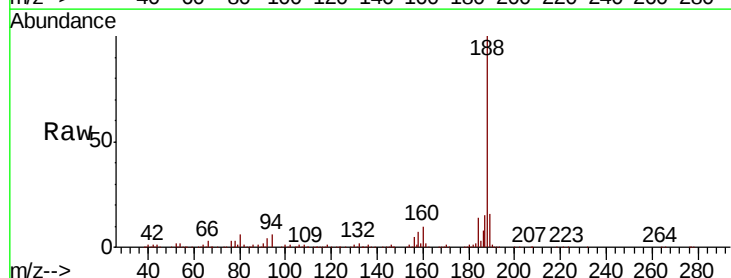
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMSD

Tgt Ion: 77 Resp: 617098
Ion Ratio Lower Upper
77 100
182 28.5 5.0 45.0
105 18.0 0.0 37.6
51 35.0 16.3 56.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion: 188 Resp: 358743
Ion Ratio Lower Upper
188 100
94 5.9 5.6 8.4
80 6.1 6.4 9.6#

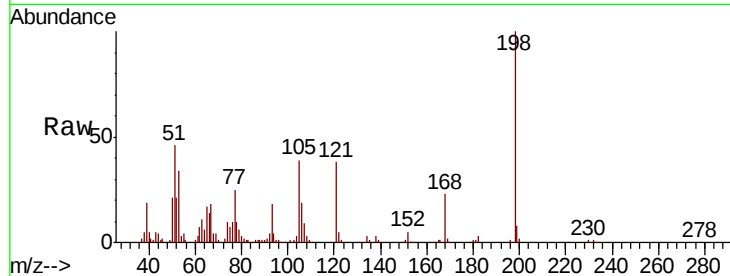




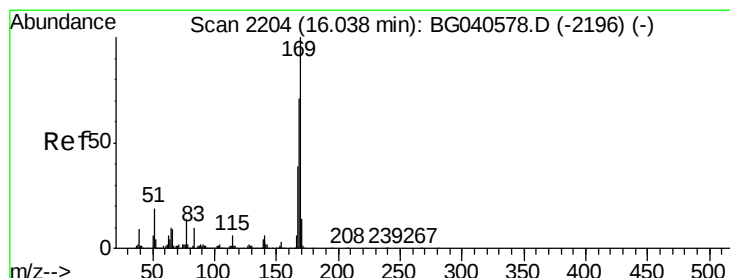
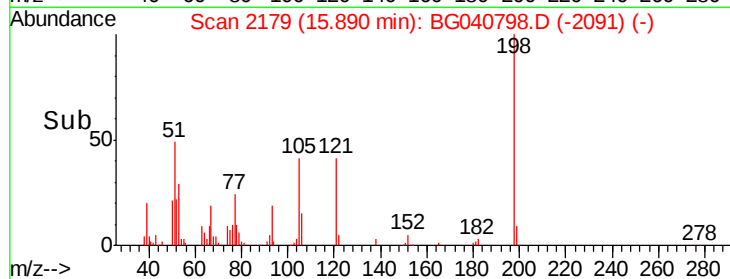
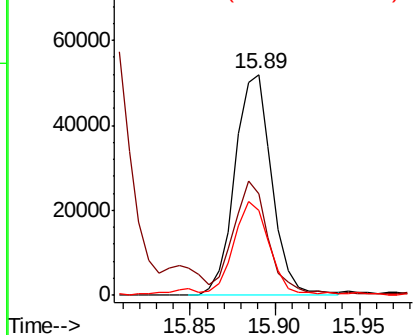
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.107 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

Tgt Ion:198 Resp: 78845
 Ion Ratio Lower Upper
 198 100
 51 46.1 35.9 75.9
 105 38.6 21.2 61.2

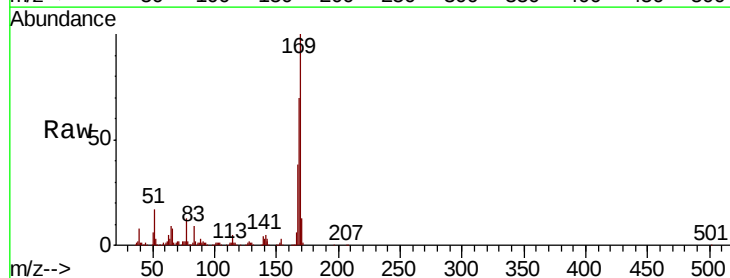


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

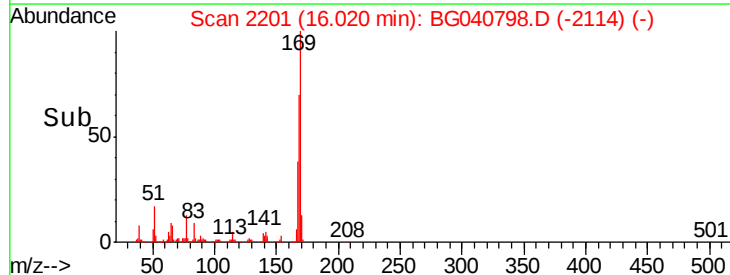
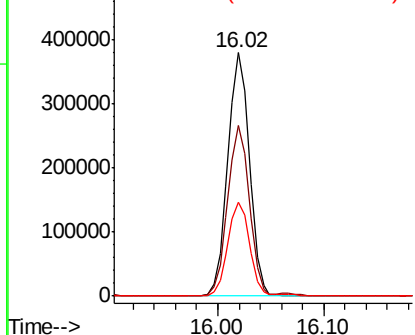


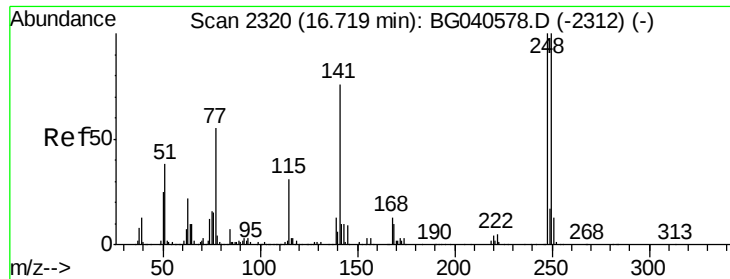
#66
 n-Nitrosodiphenylamine
 Concen: 50.937 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion:169 Resp: 537623
 Ion Ratio Lower Upper
 169 100
 168 70.3 56.8 85.2
 167 38.4 31.4 47.0



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

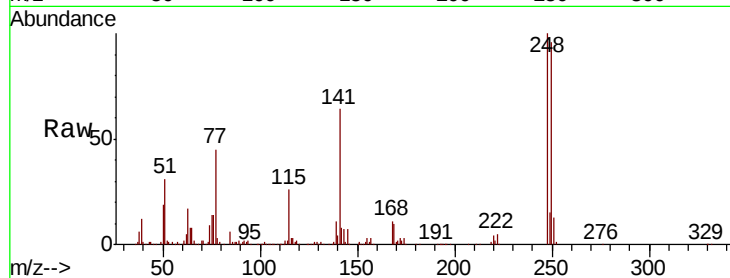




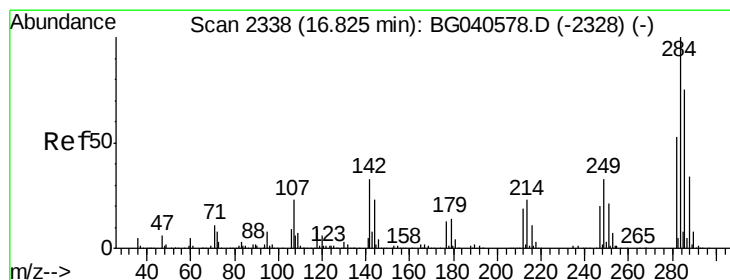
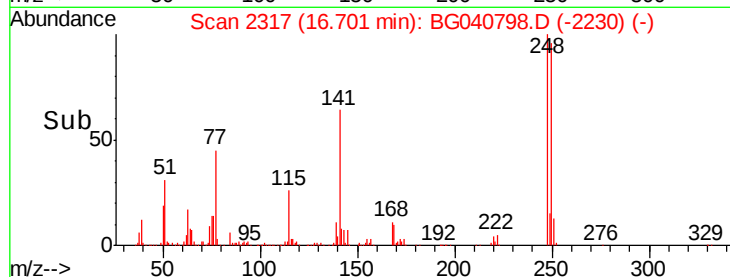
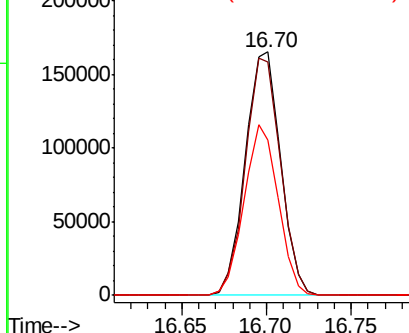
#67
 4-Bromophenyl-phenylether
 Concen: 53.907 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

Tgt Ion:248 Resp: 240932
 Ion Ratio Lower Upper
 248 100
 250 95.9 79.8 119.6
 141 63.8 60.8 91.2

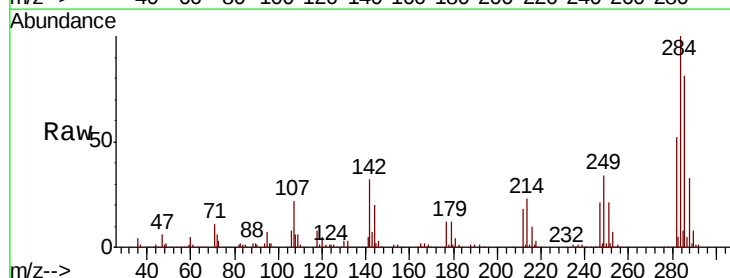


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

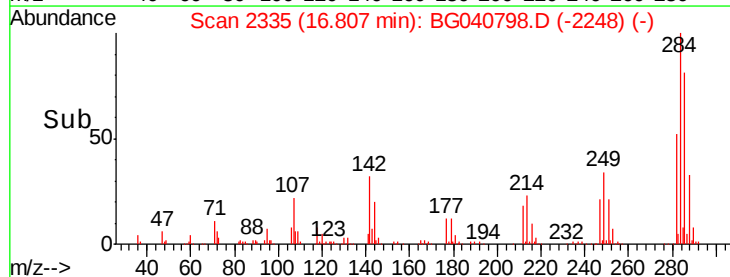
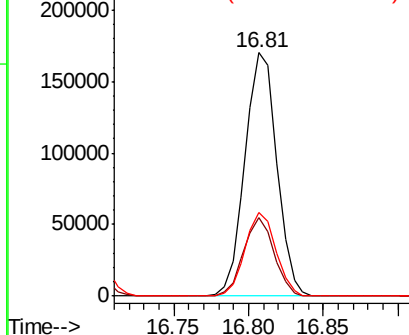


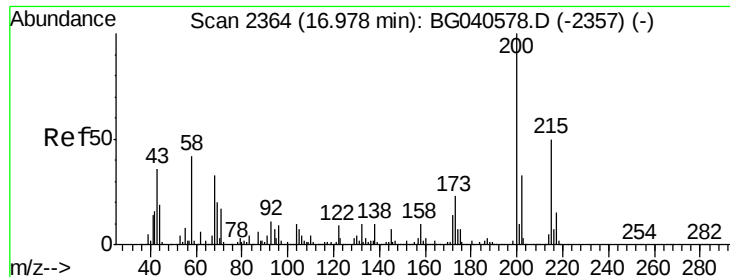
#68
 Hexachlorobenzene
 Concen: 54.462 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion:284 Resp: 251691
 Ion Ratio Lower Upper
 284 100
 142 32.2 26.6 40.0
 249 34.4 26.0 39.0



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: 57.249 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

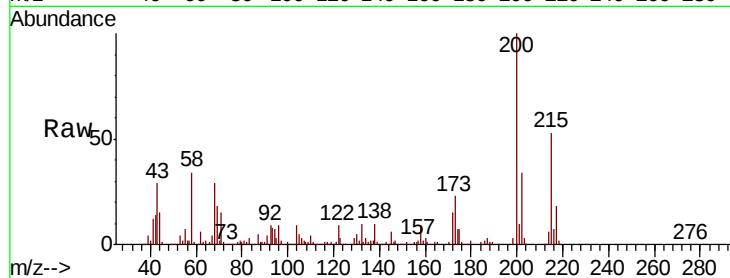
Tgt Ion:200 Resp: 239398

Ion Ratio Lower Upper

200 100

173 23.5 2.8 42.8

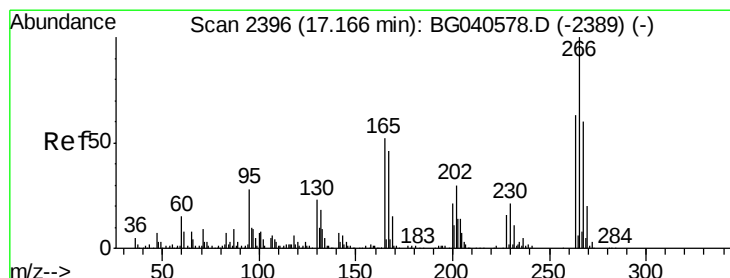
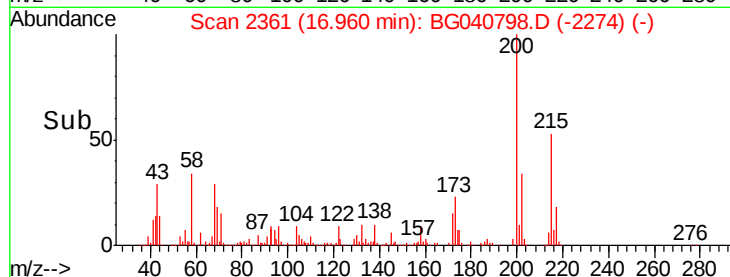
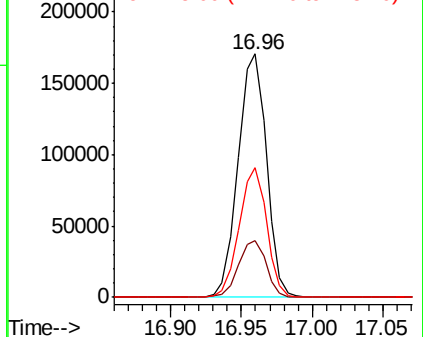
215 53.1 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 105.444 ng

RT: 17.15 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

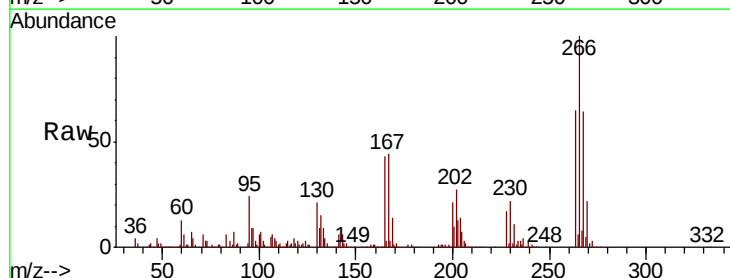
Tgt Ion:266 Resp: 285152

Ion Ratio Lower Upper

266 100

268 64.0 52.3 78.5

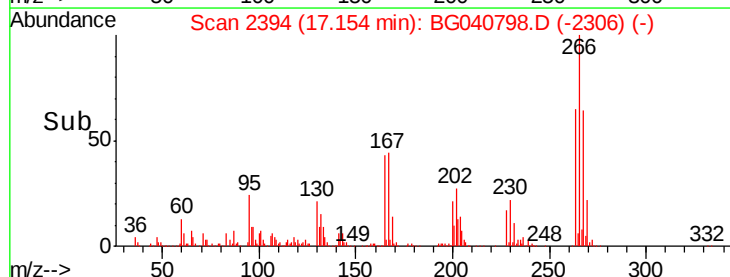
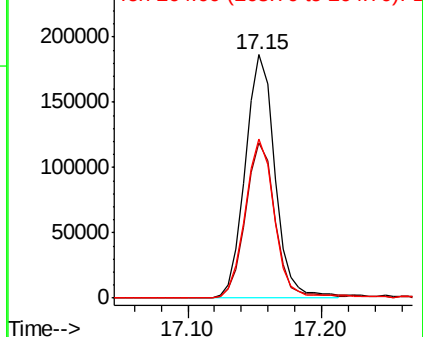
264 65.2 50.0 75.0

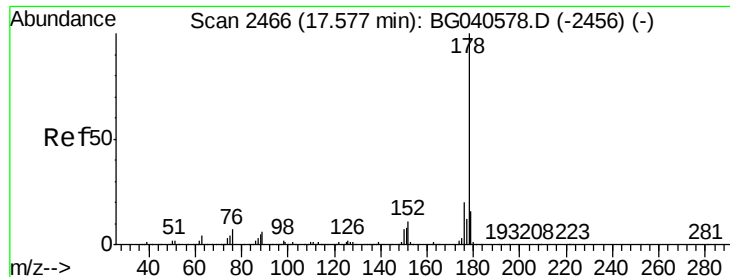


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

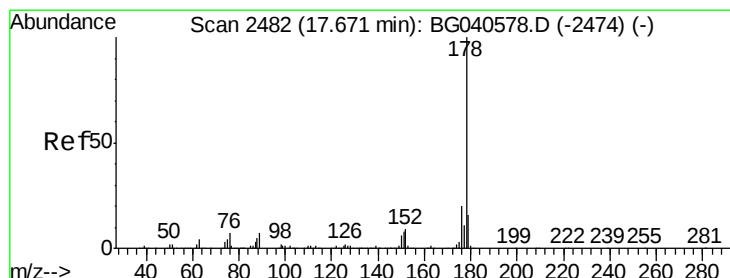
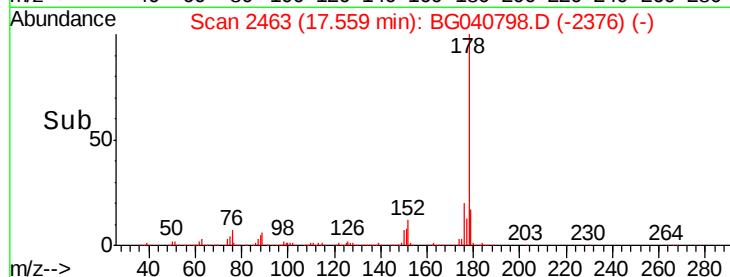
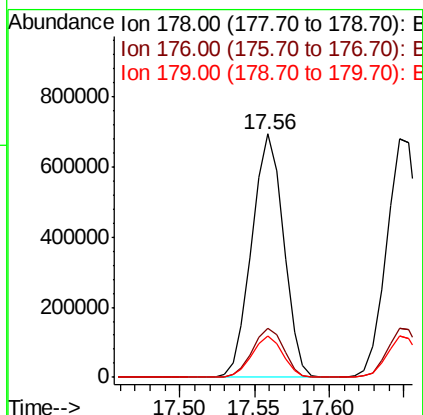
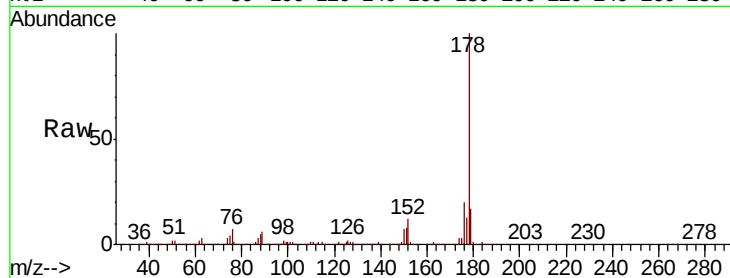




#71
 Phenanthrene
 Concen: 53.018 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

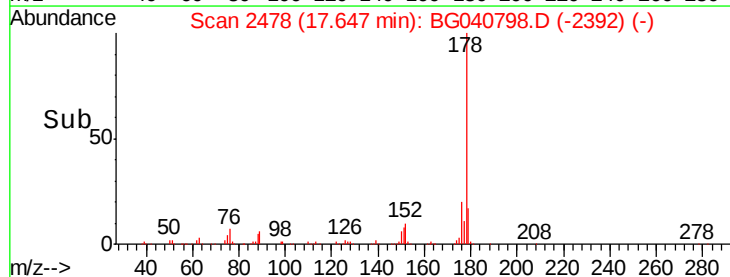
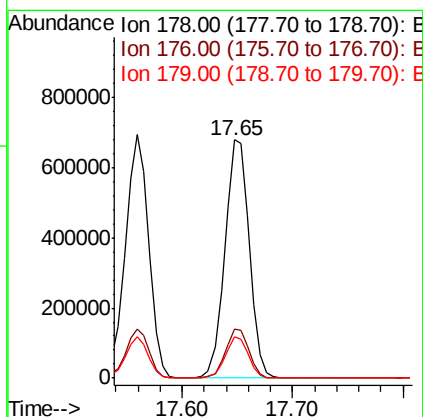
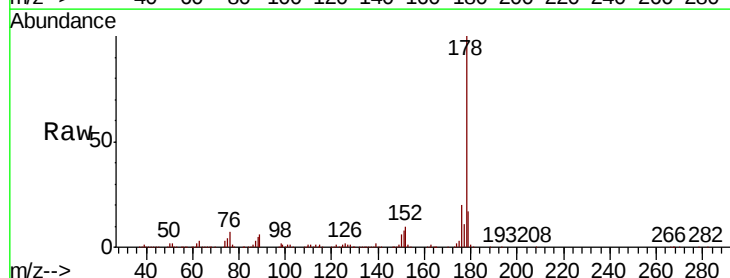
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

Tgt Ion:178 Resp: 1024456
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.6
 179 17.2 12.6 18.8



#72
 Anthracene
 Concen: 53.936 ng
 RT: 17.65 min Scan# 2478
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion:178 Resp: 1047582
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.6 23.4
 179 17.5 12.9 19.3

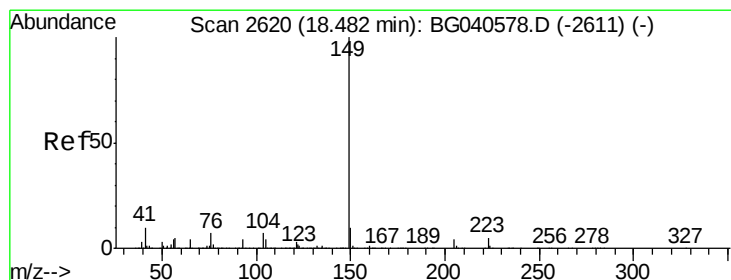
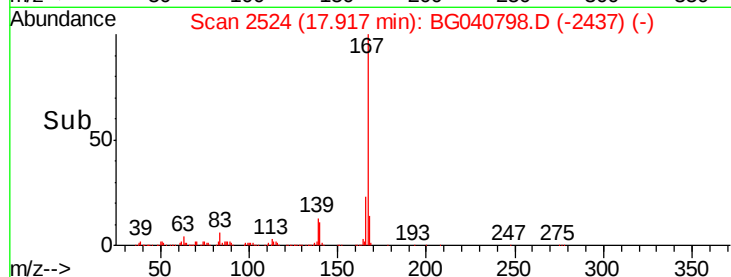
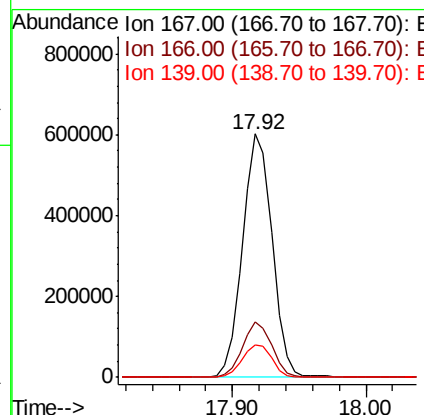
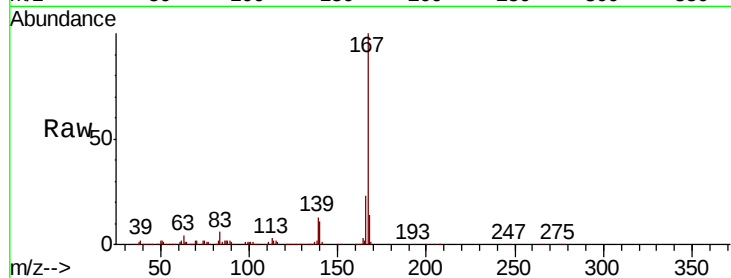




#73
 Carbazole
 Concen: 52.113 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

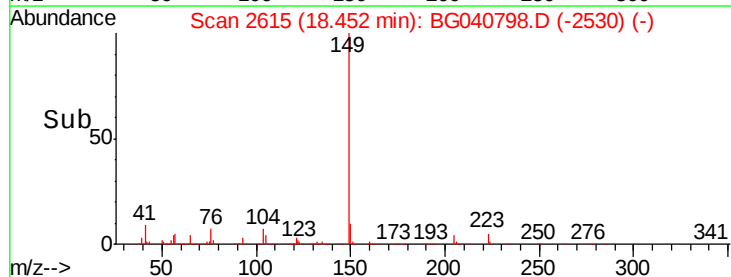
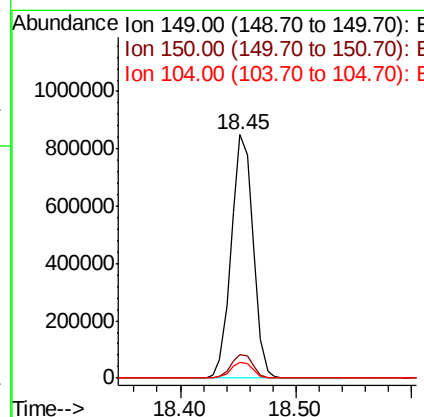
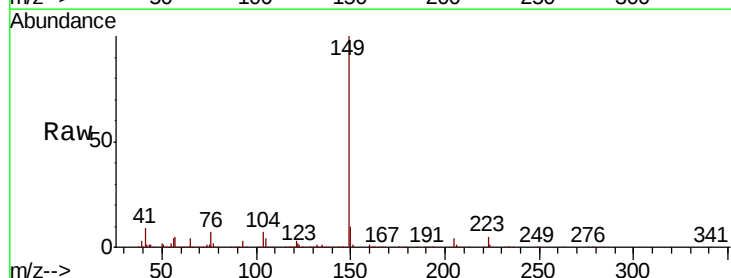
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMSD

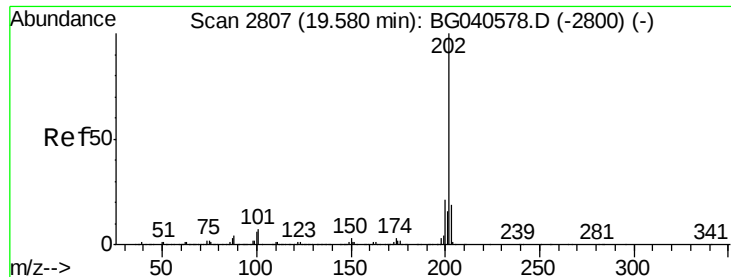
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.1	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 52.044 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	6.7	5.4	8.2





#75

Fluoranthene

Concen: 55.347 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

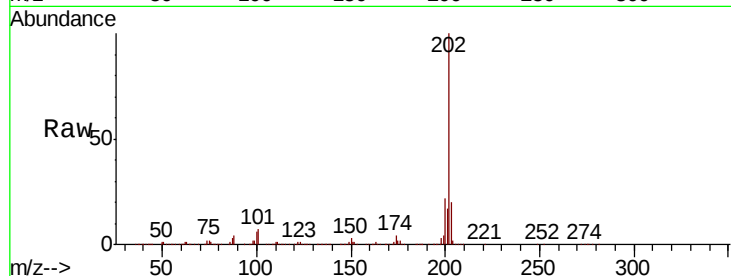
Tgt Ion:202 Resp: 1332722

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.5

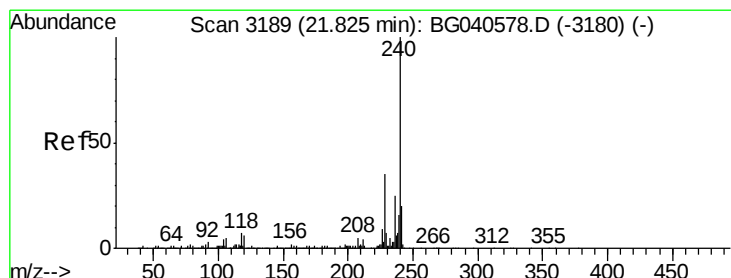
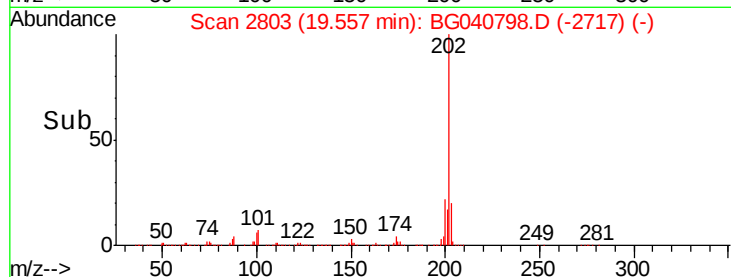
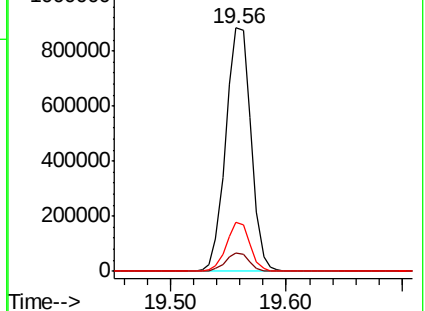
203 20.1 0.0 39.3



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: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

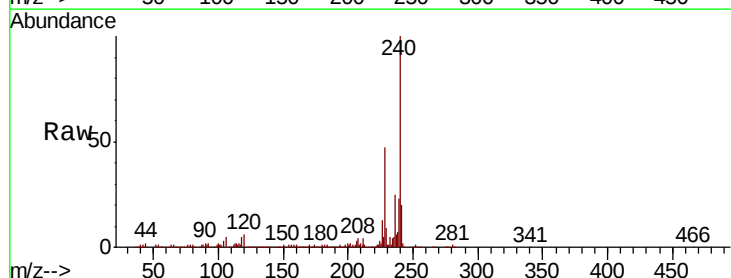
Tgt Ion:240 Resp: 348580

Ion Ratio Lower Upper

240 100

120 5.6 5.0 7.6

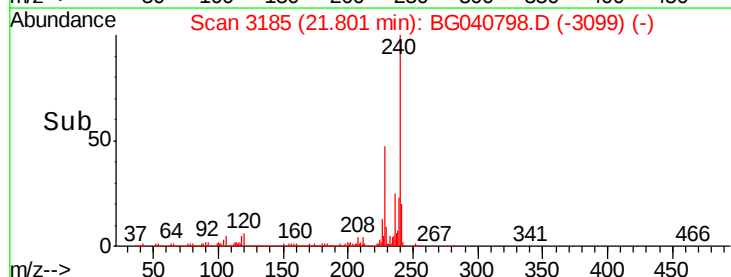
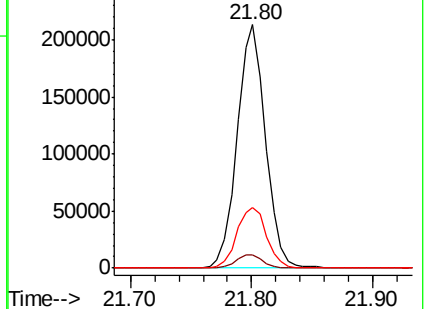
236 25.0 20.3 30.5



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: 3.132 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

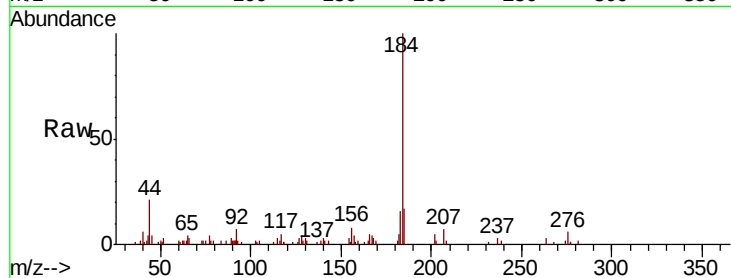
Tgt Ion:184 Resp: 29892

Ion Ratio Lower Upper

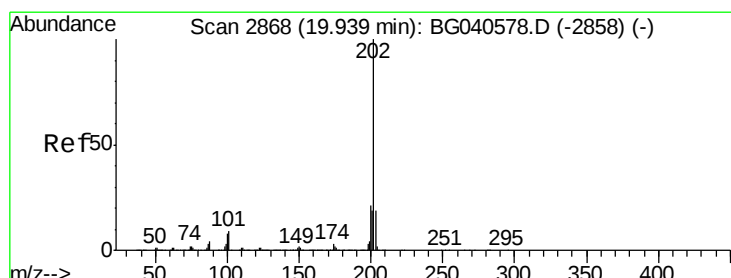
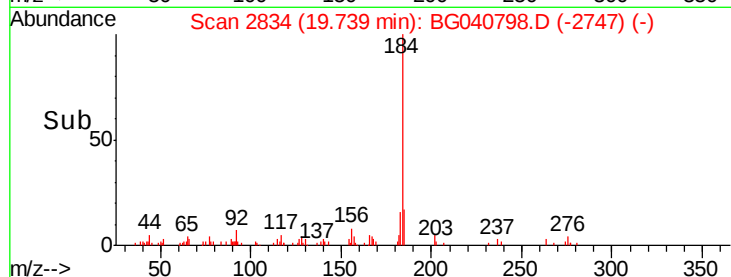
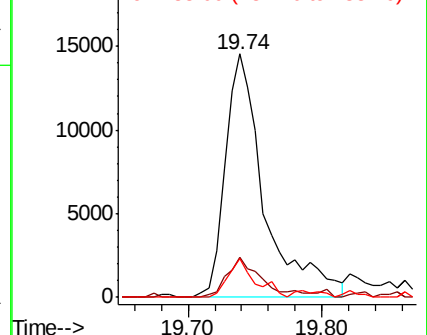
184 100

185 16.7 11.8 17.8

183 16.1 10.2 15.2#



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: 61.045 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

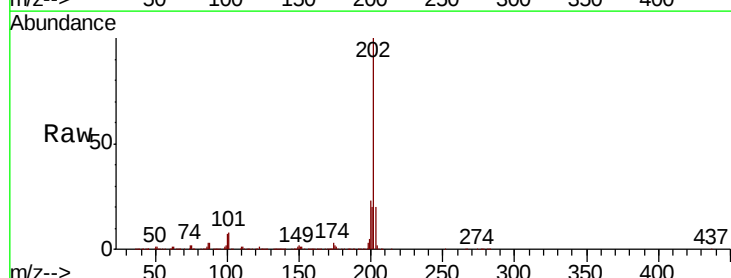
Tgt Ion:202 Resp: 1333679

Ion Ratio Lower Upper

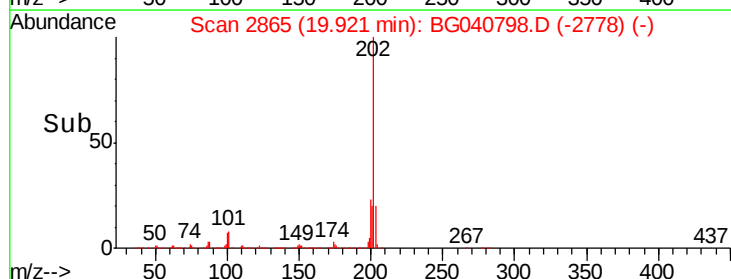
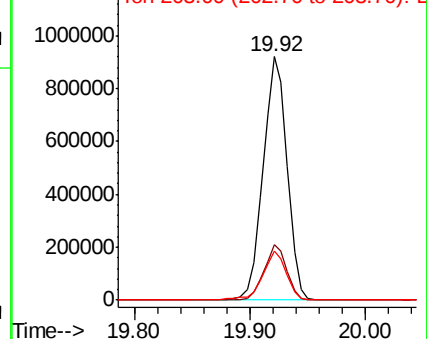
202 100

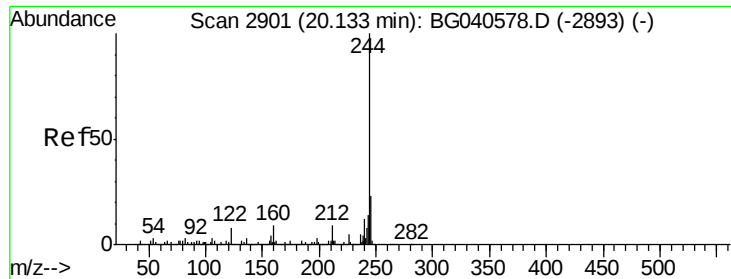
200 22.8 17.2 25.8

203 20.0 15.0 22.4



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: 117.652 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

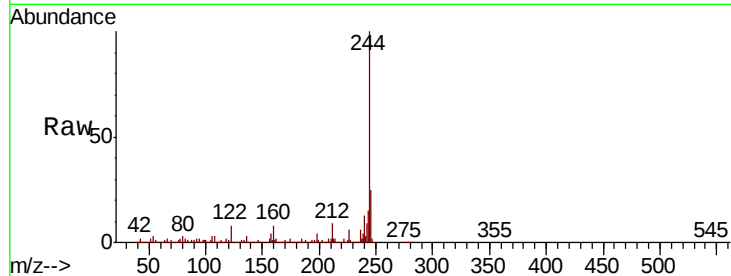
Tgt Ion:244 Resp: 1851162

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

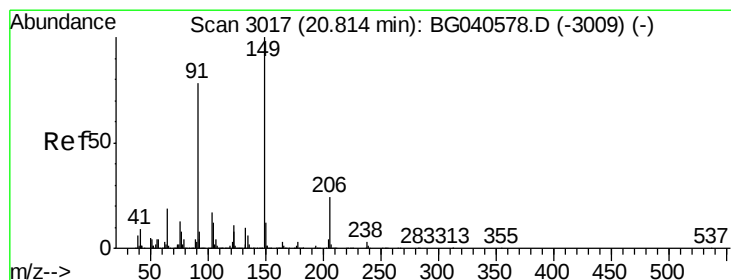
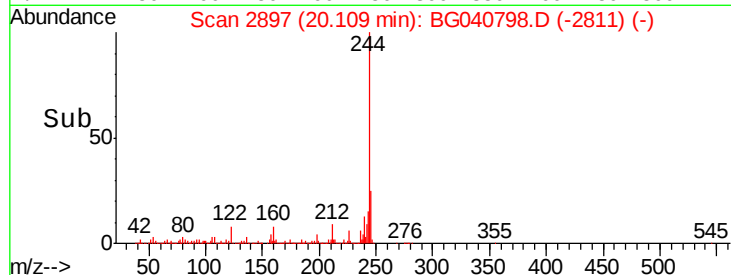
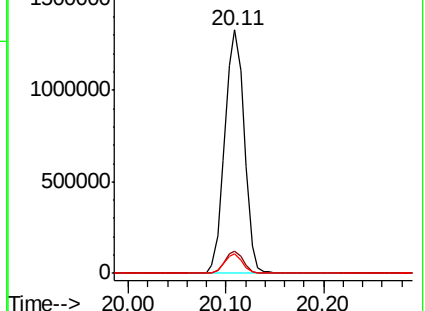
122 8.0 6.6 10.0



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: 59.655 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

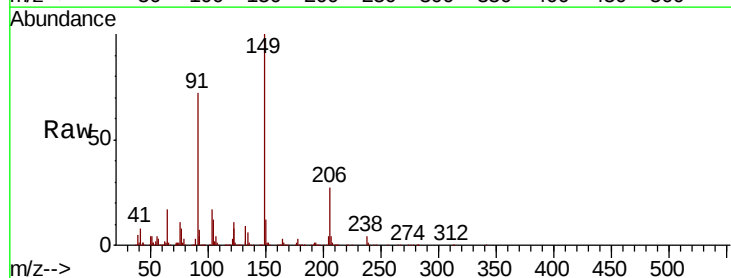
Tgt Ion:149 Resp: 507967

Ion Ratio Lower Upper

149 100

91 71.9 62.6 93.8

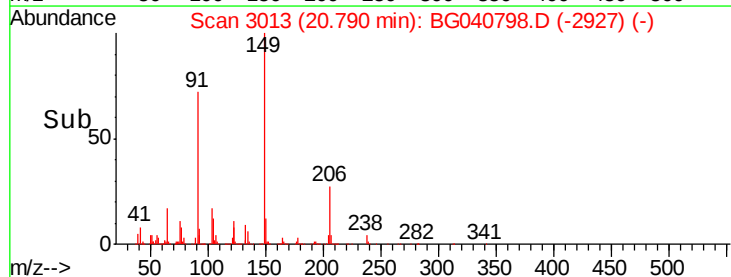
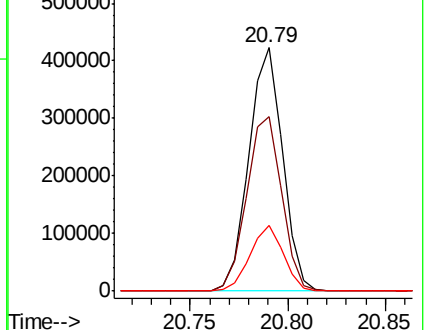
206 27.0 19.4 29.2



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: 58.092 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

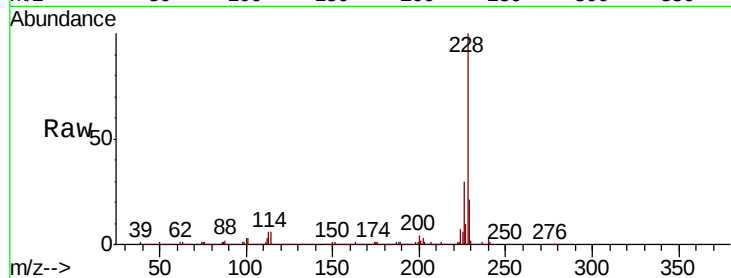
Tgt Ion:228 Resp: 1279786

Ion Ratio Lower Upper

228 100

226 29.7 23.1 34.7

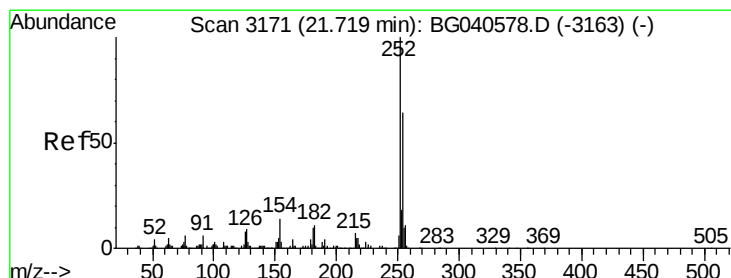
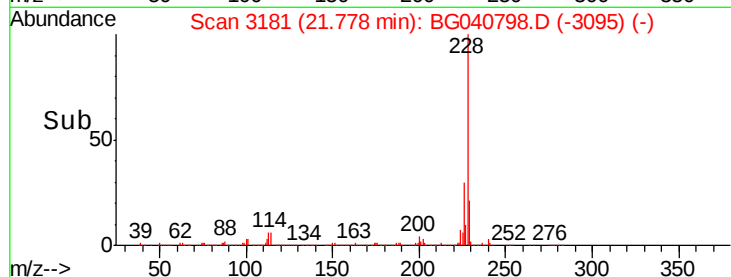
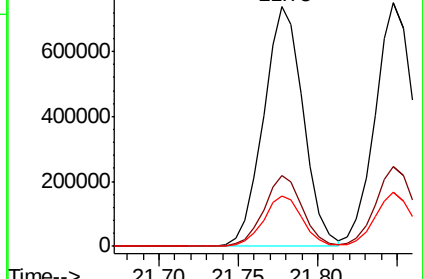
229 21.3 17.0 25.4



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: 23.876 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

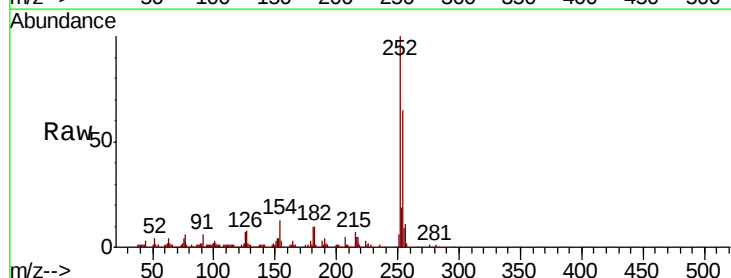
Tgt Ion:252 Resp: 187483

Ion Ratio Lower Upper

252 100

254 65.0 51.2 76.8

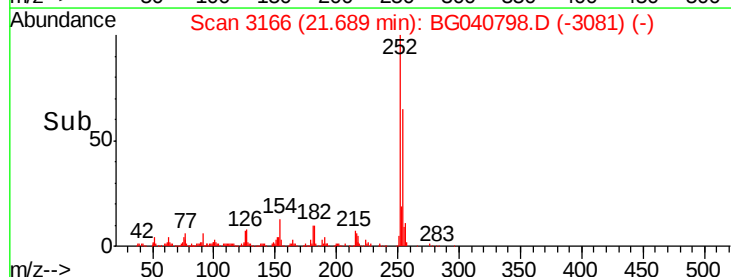
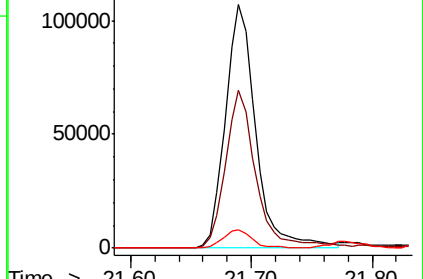
126 7.4 6.6 10.0



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: 60.601 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

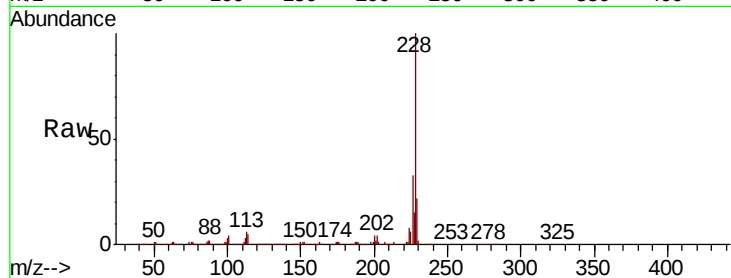
Tgt Ion:228 Resp: 1269694

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	22.1	16.8	25.2

228 100

226 32.9 25.5 38.3

229 22.1 16.8 25.2

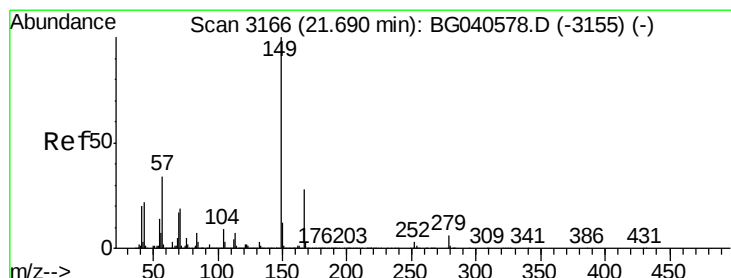
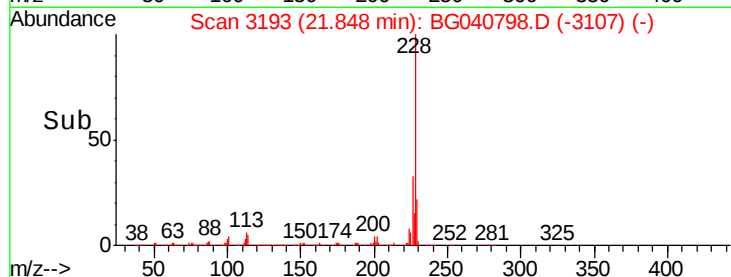
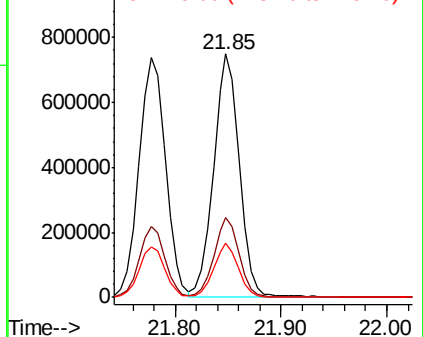


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.415 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.04 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

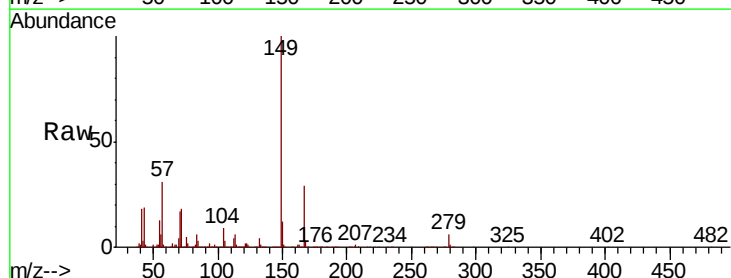
Tgt Ion:149 Resp: 705724

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.4	33.6
279	5.7	4.6	6.8

149 100

167 29.4 22.4 33.6

279 5.7 4.6 6.8

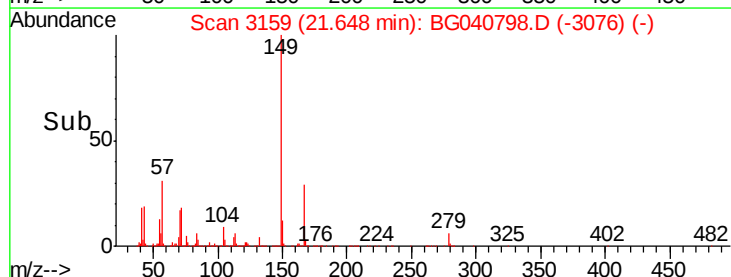
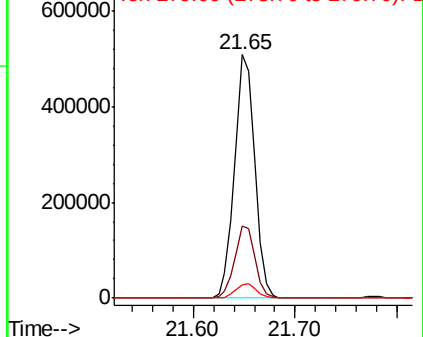


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

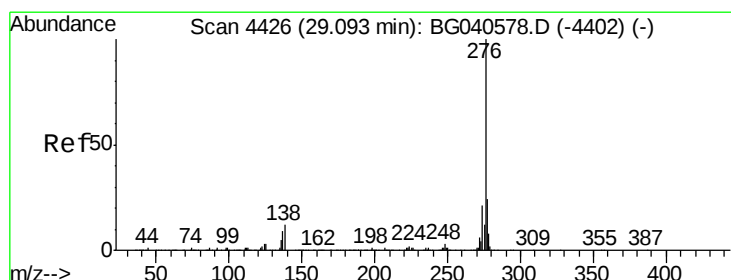
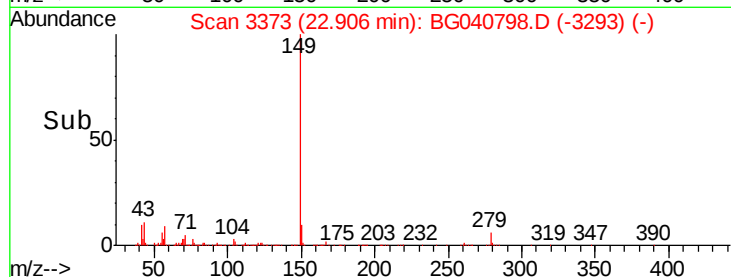
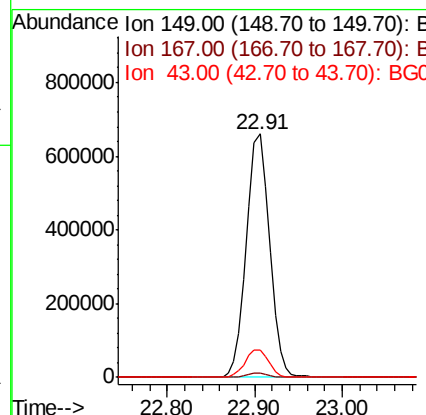
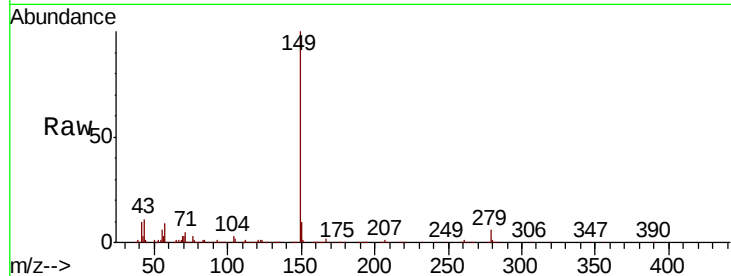




#85
Di-n-octyl phthalate
Concen: 57.195 ng
RT: 22.91 min Scan# 3373
Delta R.T. -0.06 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

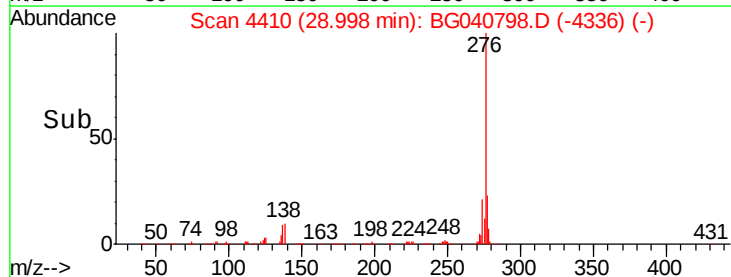
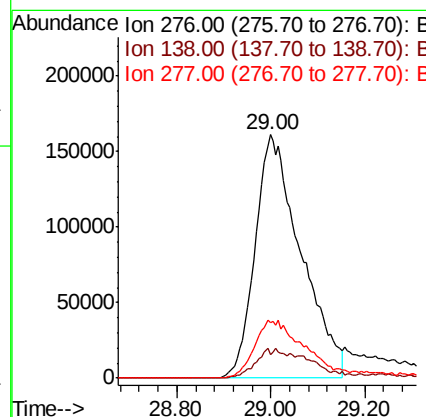
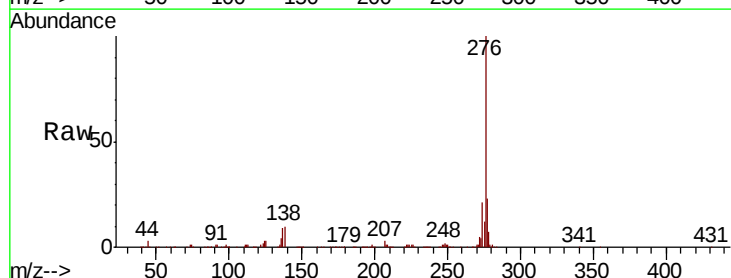
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMSD

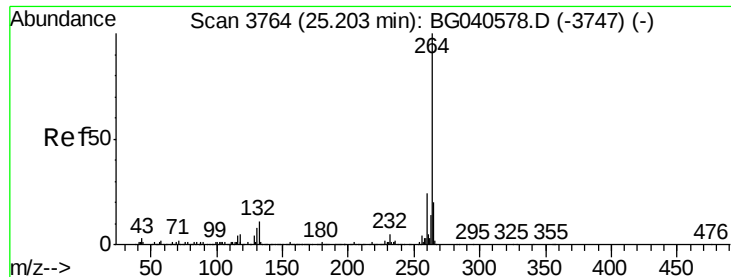
Tgt Ion:149 Resp: 1183977
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 11.4 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.982 ng
RT: 29.00 min Scan# 4410
Delta R.T. -0.09 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion:276 Resp: 1088812
Ion Ratio Lower Upper
276 100
138 4.1 9.8 14.6#
277 0.0 17.3 25.9#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

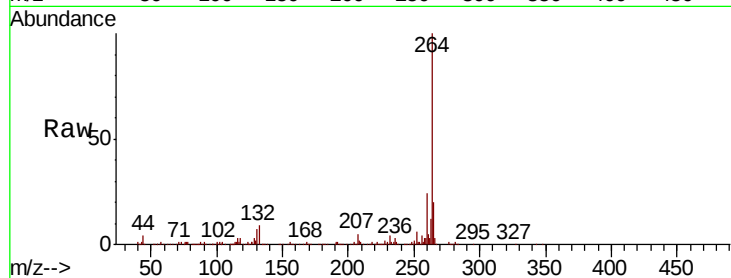
Tgt Ion:264 Resp: 350772

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

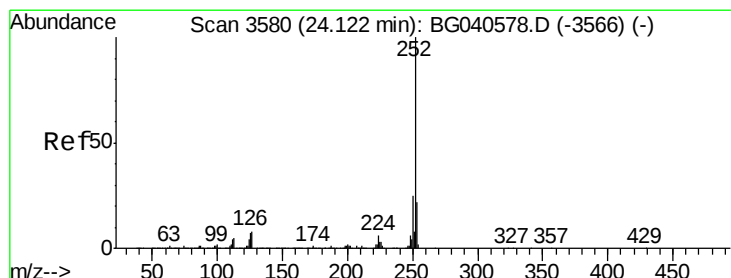
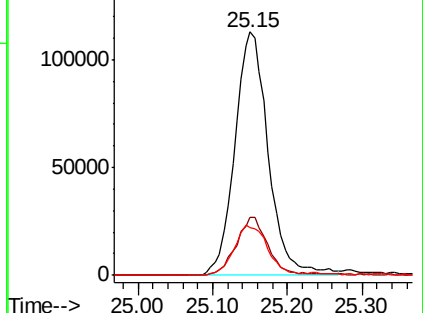
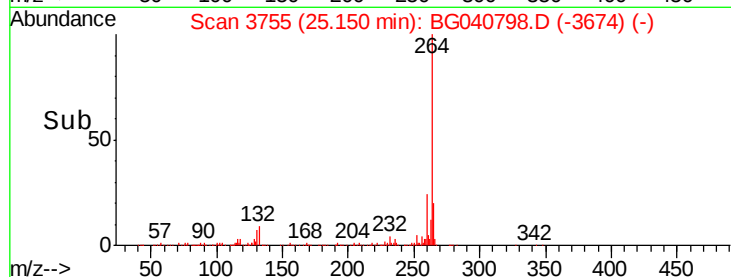
265 19.8 16.6 25.0



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: 60.348 ng

RT: 24.15 min Scan# 3585

Delta R.T. 0.03 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

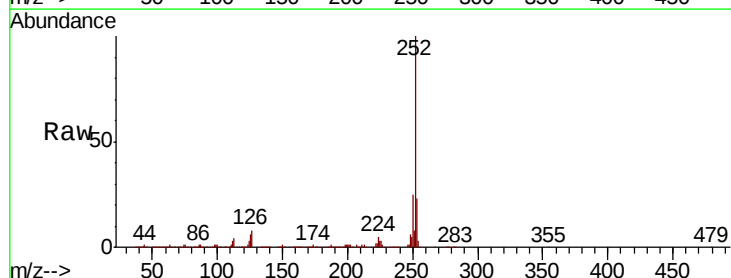
Tgt Ion:252 Resp: 1293580

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

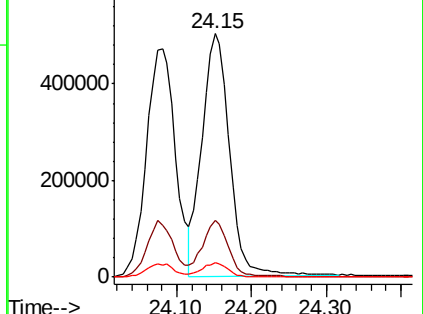
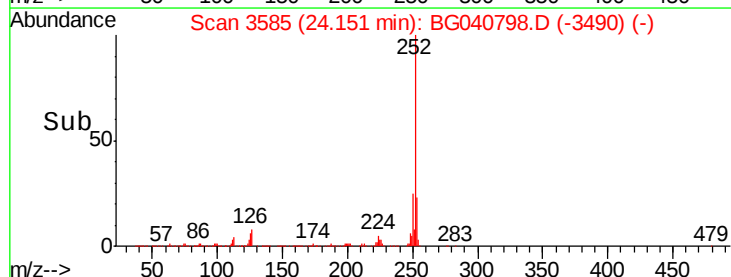
125 5.7 5.4 8.0

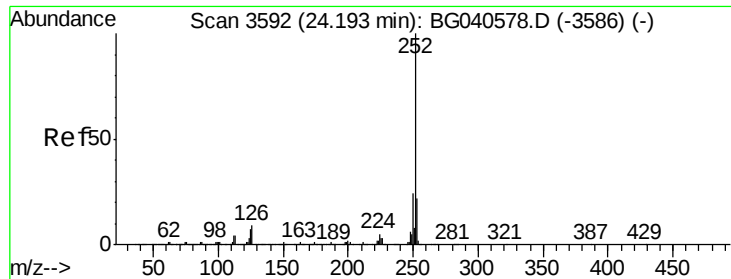


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 64.620 ng

RT: 24.15 min Scan# 3585

Delta R.T. -0.04 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

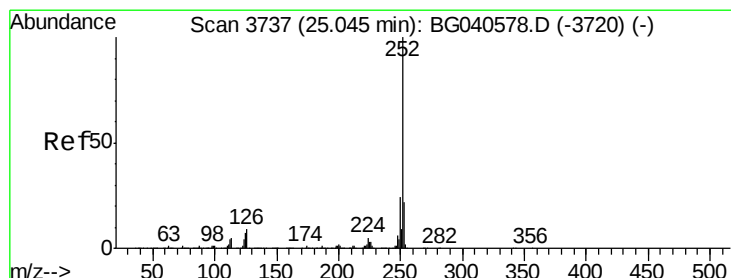
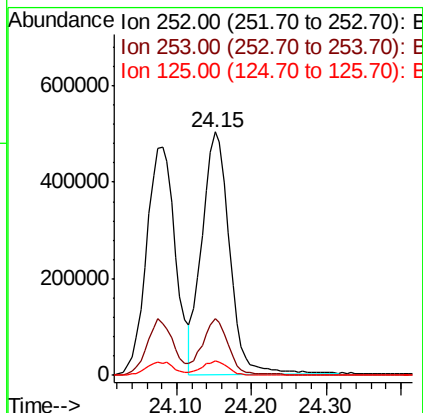
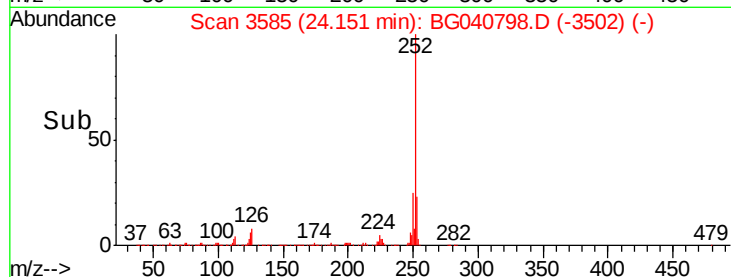
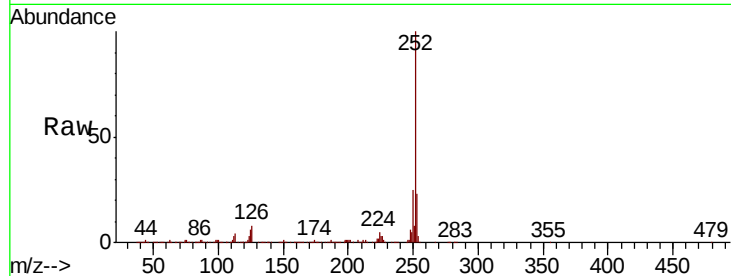
Tgt Ion:252 Resp: 1293580

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 5.7 5.5 8.3



#90

Benzo(a)pyrene

Concen: 61.052 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.05 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

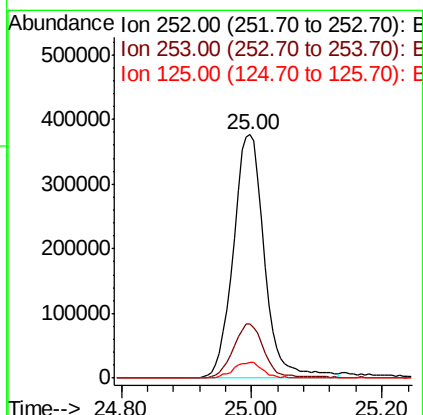
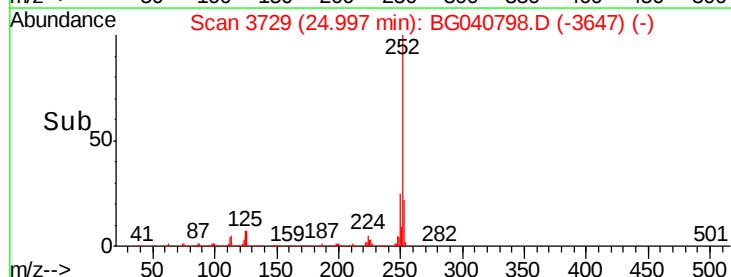
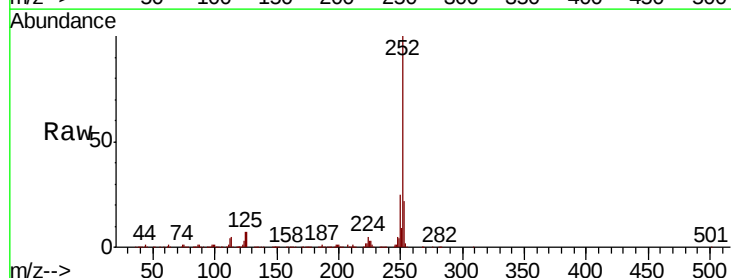
Tgt Ion:252 Resp: 1238745

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 6.7 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 40.313 ng

RT: 29.07 min Scan# 4423

Delta R.T. -0.09 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

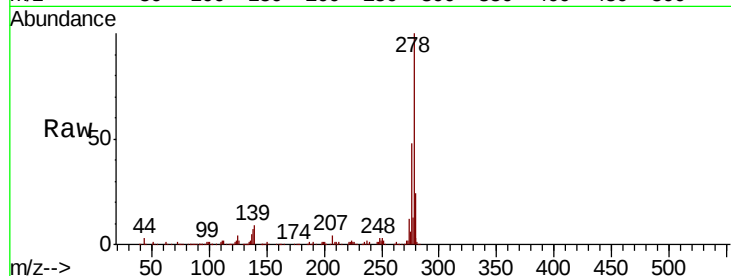
Tgt Ion:278 Resp: 827756

Ion Ratio Lower Upper

278 100

139 8.7 8.2 12.4

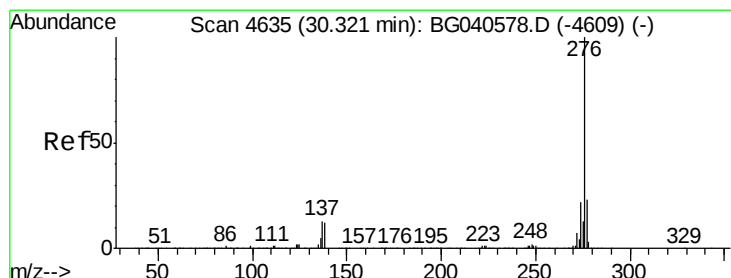
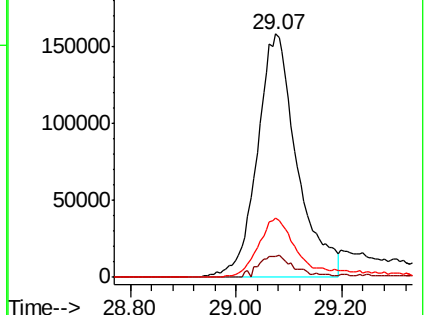
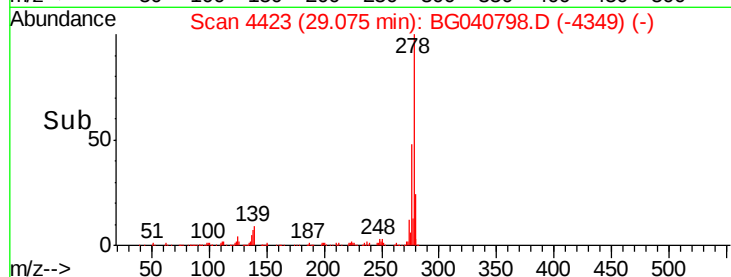
279 24.4 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.492 ng

RT: 30.21 min Scan# 4617

Delta R.T. -0.11 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

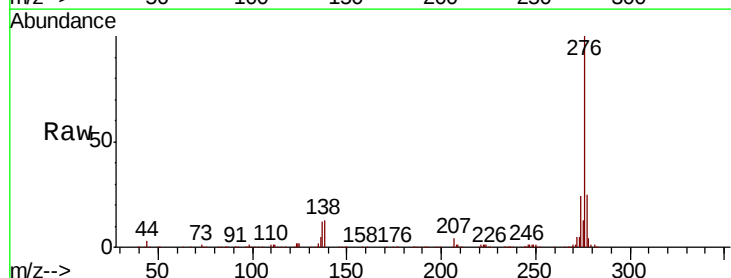
Tgt Ion:276 Resp: 909204

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 12.8 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

