

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040781.D
 Acq On : 8 May 2019 00:14
 Operator : HP/JU
 Sample : PB119477BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119477BS

Quant Time: May 08 03:56:35 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	8.14	152	57198	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	232428	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	169518	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	460021	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	474631	20.00	ng	-0.02
87) Perylene-d12	25.15	264	401928	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	488457	150.54	ng	-0.01
7) Phenol-d6	7.29	99	696288	139.37	ng	0.00
23) Nitrobenzene-d5	9.32	82	417555	83.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	363743	156.11	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	881120	75.07	ng	-0.02
79) Terphenyl-d14	20.11	244	1780944	83.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	48226	32.681	ng	93
3) Pyridine	3.95	79	133338	31.174	ng	96
4) n-Nitrosodimethylamine	3.87	42	83464	35.180	ng	92
6) Aniline	7.47	93	171446	25.890	ng	96
8) 2-Chlorophenol	7.70	128	157351	39.715	ng	97
9) Benzaldehyde	7.28	77	66496	18.167	ng	93
10) Phenol	7.31	94	215808	40.184	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	147941	36.735	ng	99
12) 1,3-Dichlorobenzene	8.03	146	163132	37.723	ng	99
13) 1,4-Dichlorobenzene	8.18	146	170266	38.839	ng	98
14) 1,2-Dichlorobenzene	8.50	146	163169	38.595	ng	96
15) Benzyl Alcohol	8.38	79	183912	35.378	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	255045	31.809	ng	98
17) 2-Methylphenol	8.57	107	149940	39.451	ng	96
18) Hexachloroethane	9.23	117	66114	36.765	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	142928	31.781	ng	95
20) 3+4-Methylphenols	8.90	107	203462	38.428	ng	98
22) Acetophenone	8.98	105	260866	40.362	ng	# 94
24) Nitrobenzene	9.36	77	222596	41.475	ng	97
25) Isophorone	9.88	82	395583	35.305	ng	98
26) 2-Nitrophenol	10.07	139	91935	47.787	ng	94
27) 2,4-Dimethylphenol	10.12	122	171046	47.386	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	207031	36.827	ng	97
29) 2,4-Dichlorophenol	10.60	162	183002	44.595	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	193415	42.502	ng	96
31) Naphthalene	11.02	128	488724	39.579	ng	99
32) Benzoic acid	10.23	122	98116	39.706	ng	90
33) 4-Chloroaniline	11.13	127	130561	23.847	ng	94
34) Hexachlorobutadiene	11.28	225	142846	42.518	ng	98
35) Caprolactam	11.91	113	62445	38.542	ng	# 78
36) 4-Chloro-3-methylphenol	12.22	107	211414	40.838	ng	99
37) 2-Methylnaphthalene	12.61	142	367547	39.810	ng	98
38) 1-Methylnaphthalene	12.83	142	347092	38.462	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	257344	40.751	ng	99

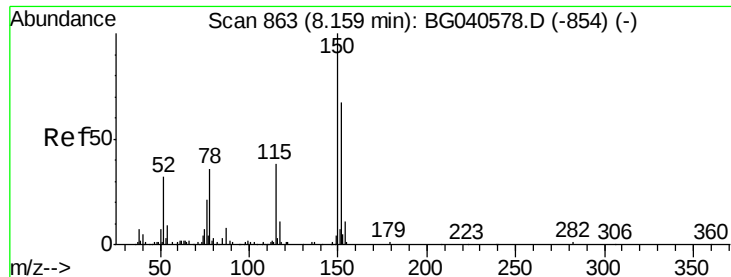
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040781.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	251155	67.400	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	170655	44.719	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	187901	45.199	ng	98
46) 1,1'-Biphenyl	13.61	154	489095	37.161	ng	98
47) 2-Chloronaphthalene	13.66	162	409761	39.782	ng	98
48) 2-Nitroaniline	13.86	65	165255	45.072	ng	96
49) Acenaphthylene	14.50	152	636727	36.436	ng	99
50) Dimethylphthalate	14.22	163	541636	38.189	ng	99
51) 2,6-Dinitrotoluene	14.35	165	121961	44.059	ng	92
52) Acenaphthene	14.84	154	376422	36.988	ng	96
53) 3-Nitroaniline	14.68	138	102973	36.306	ng	95
54) 2,4-Dinitrophenol	14.88	184	72665	49.478	ng	# 89
55) Dibenzofuran	15.17	168	653811	39.223	ng	99
56) 4-Nitrophenol	14.97	139	198457	80.695	ng	93
57) 2,4-Dinitrotoluene	15.13	165	181154	48.161	ng	90
58) Fluorene	15.81	166	520728	38.650	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	199904	47.775	ng	96
60) Diethylphthalate	15.57	149	574476	38.389	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	321102	40.978	ng	98
62) 4-Nitroaniline	15.84	138	136014	42.870	ng	94
63) Azobenzene	16.10	77	554845	36.003	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	78840	36.738	ng	95
66) n-Nitrosodiphenylamine	16.02	169	493027	36.428	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	217157	37.890	ng	95
68) Hexachlorobenzene	16.81	284	232390	39.215	ng	97
69) Atrazine	16.96	200	207662	38.727	ng	98
70) Pentachlorophenol	17.15	266	274804	79.245	ng	97
71) Phenanthrene	17.56	178	941707	38.006	ng	98
72) Anthracene	17.65	178	956480	38.404	ng	99
73) Carbazole	17.92	167	859750	37.889	ng	99
74) Di-n-butylphthalate	18.45	149	1023214	37.360	ng	99
75) Fluoranthene	19.56	202	1254516	40.629	ng	99
77) Benzidine	19.74	184	339697	26.139	ng	100
78) Pyrene	19.92	202	1242749	41.776	ng	99
80) Butylbenzylphthalate	20.79	149	479667	41.371	ng	94
81) Benzo(a)anthracene	21.78	228	1202443	40.085	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	356284	33.323	ng	99
83) Chrysene	21.85	228	1187892	41.639	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	664208	39.686	ng	96
85) Di-n-octyl phthalate	22.91	149	1125225	39.921	ng	97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1168836	33.887	ng	# 91
88) Benzo(b)fluoranthene	24.08	252	1222184	49.761	ng	95
89) Benzo(k)fluoranthene	24.15	252	1209126	52.713	ng	99
90) Benzo(a)pyrene	25.00	252	1178290	50.681	ng	99
91) Dibenzo(a,h)anthracene	29.08	278	957902	40.714	ng	96
92) Benzo(g,h,i)perylene	30.22	276	930863	39.754	ng	99

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

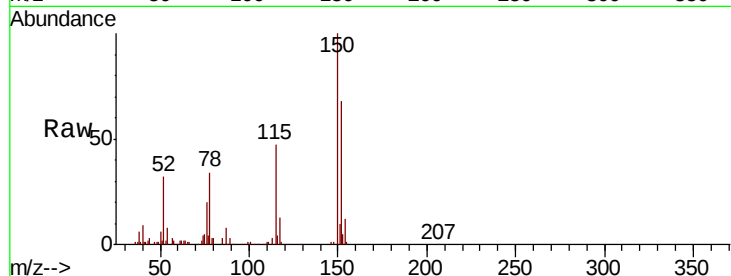


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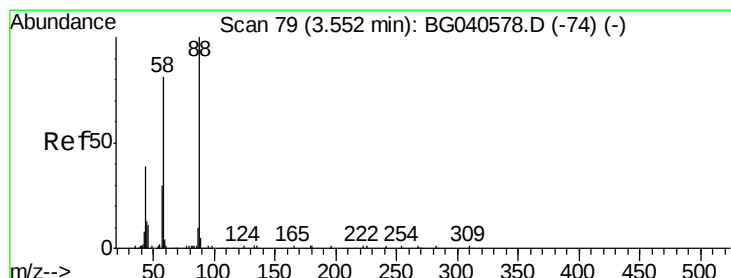
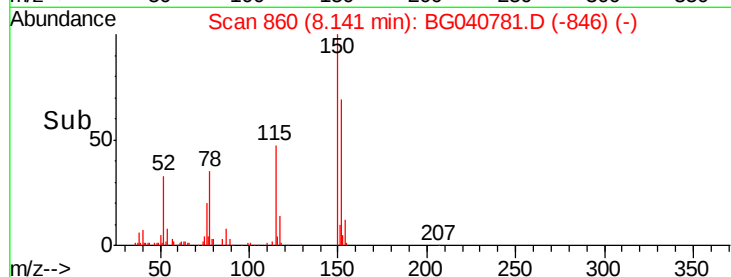
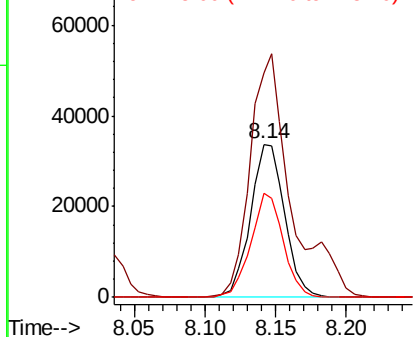
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Instrument :
BNA_G
ClientSampleId :
PB119477BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	120.2	180.2
115	68.5	46.2	69.2



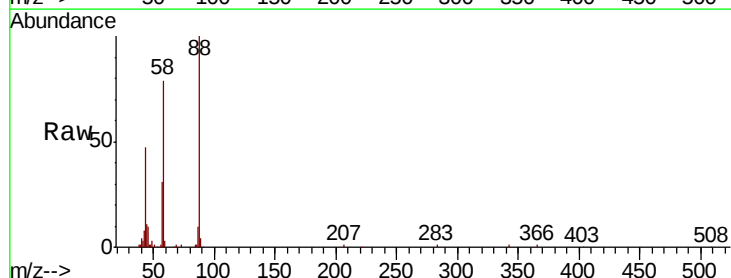
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



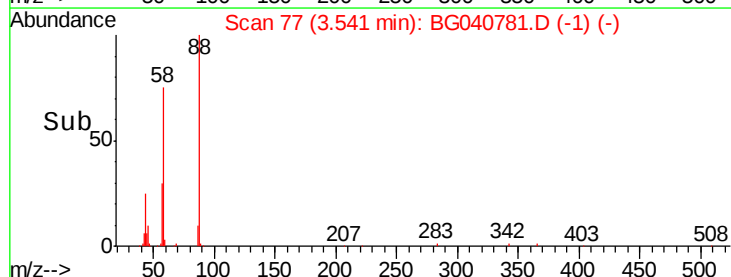
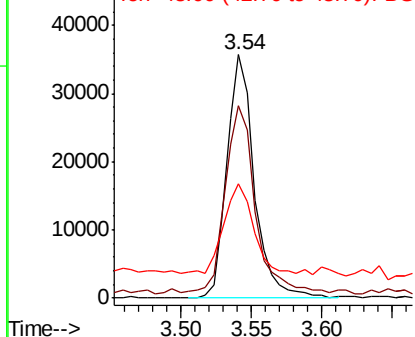
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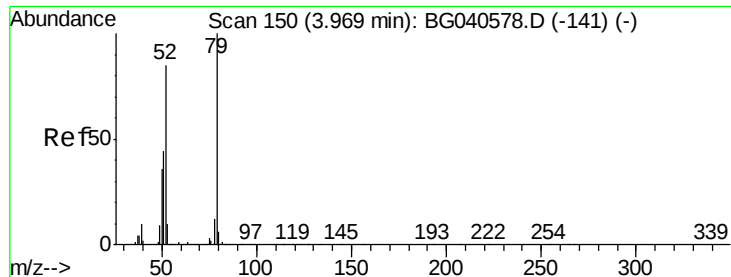
1,4-Dioxane
Concen: 32.681 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	71.2	106.8
43	39.7	35.6	53.4



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





#3

Pvridine

Concen: 31.174 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

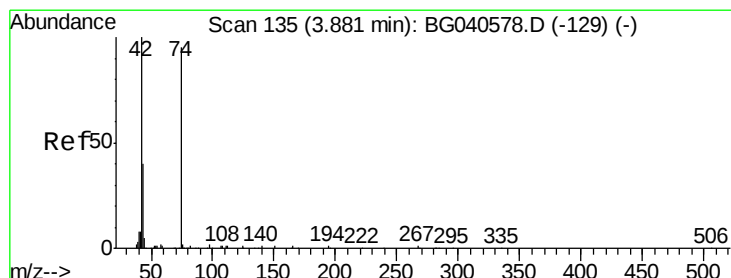
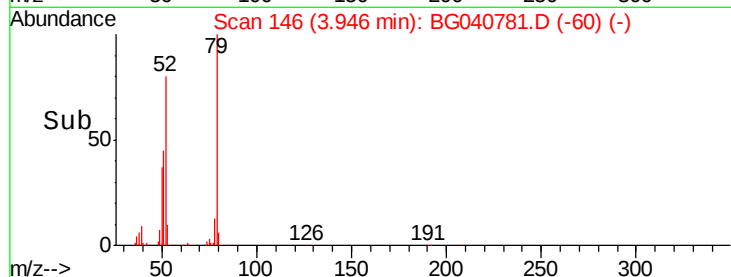
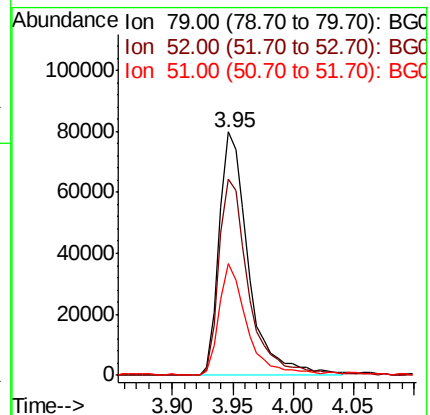
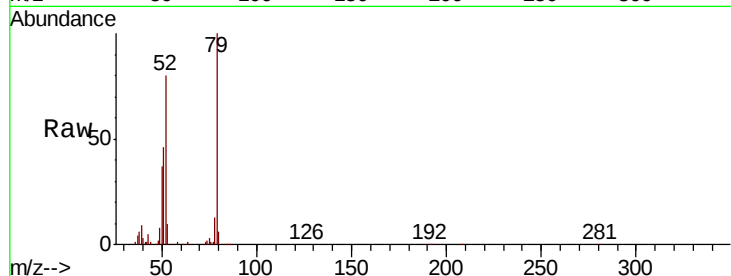
Tot Ion: 79 Resp: 133338

Ion Ratio Lower Upper

79 100

52 80.4 67.5 101.3

51 45.7 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 35.180 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

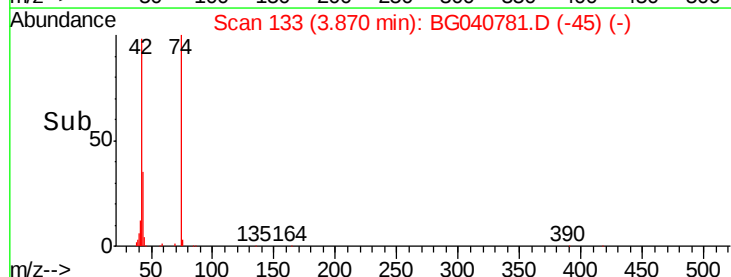
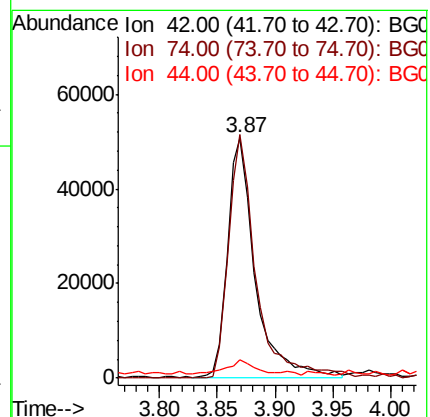
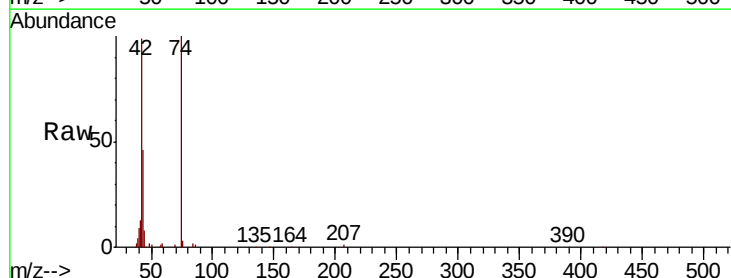
Tgt Ion: 42 Resp: 83464

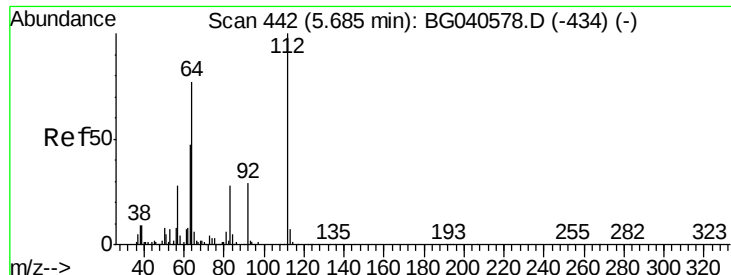
Ion Ratio Lower Upper

42 100

74 101.3 74.6 111.8

44 7.7 7.4 11.0





#5

2-Fluorophenol

Concen: 150.536 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

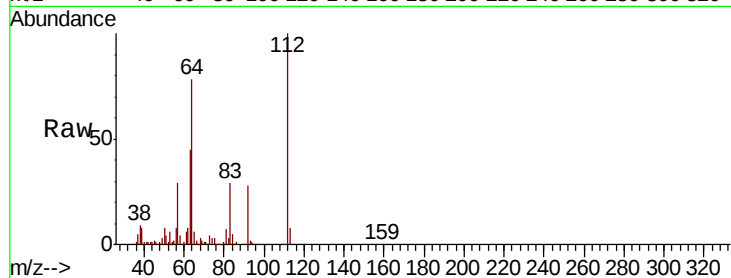
Tot Ion:112 Resp: 488457

Ion Ratio Lower Upper

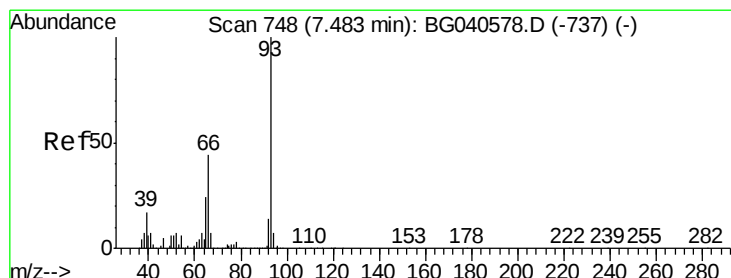
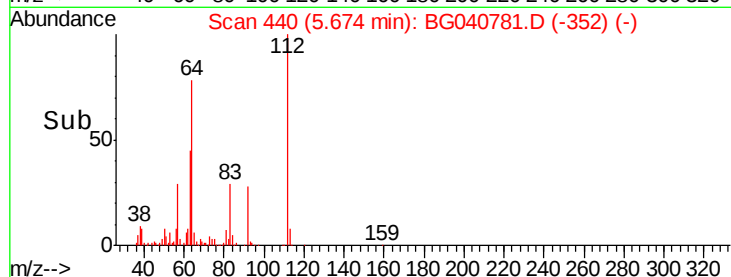
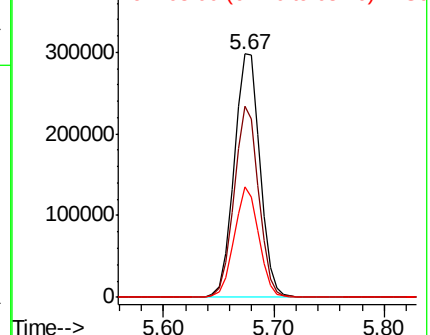
112 100

64 78.3 61.4 92.0

63 45.4 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



#6

Aniline

Concen: 25.890 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

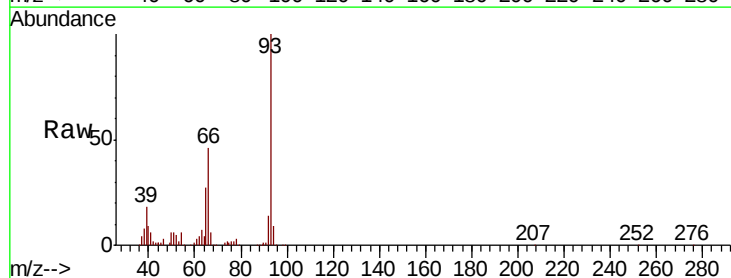
Tgt Ion: 93 Resp: 171446

Ion Ratio Lower Upper

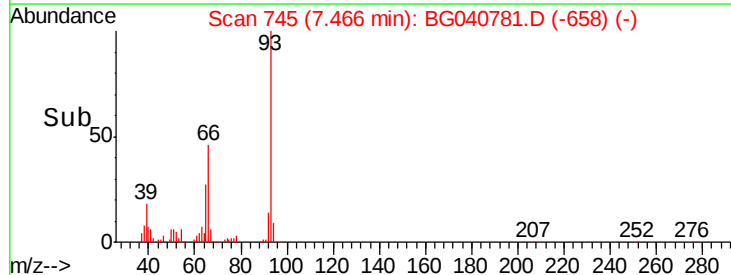
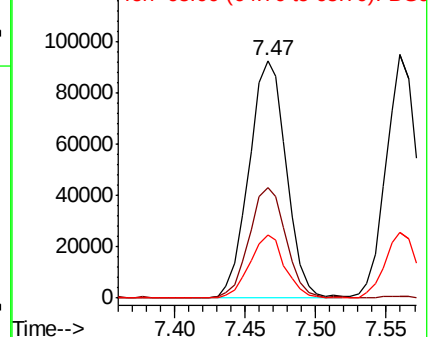
93 100

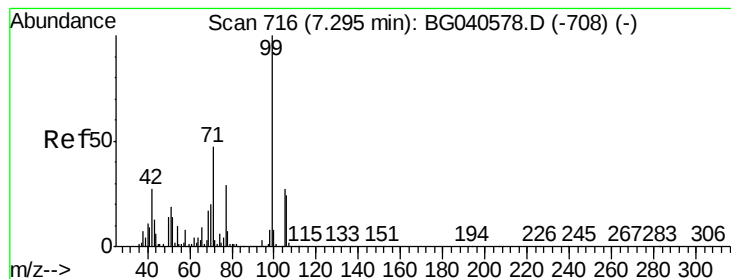
66 46.5 35.5 53.3

65 26.5 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





#7

Phenol-d6

Concen: 139.367 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampled :

PB119477BS

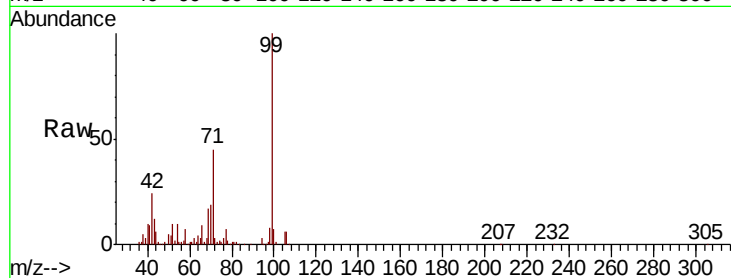
Tot Ion: 99 Resp: 696288

Ion Ratio Lower Upper

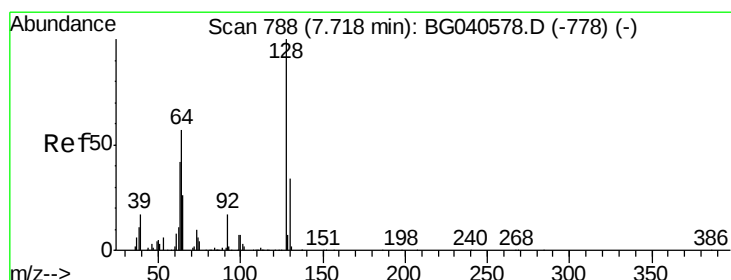
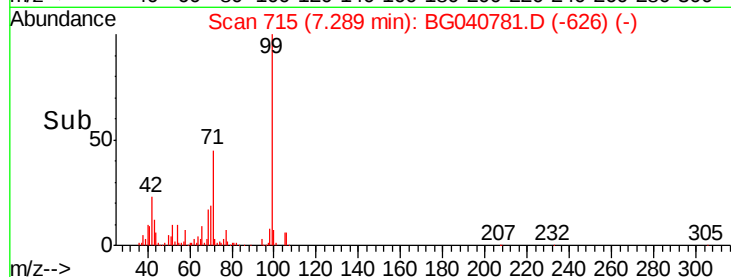
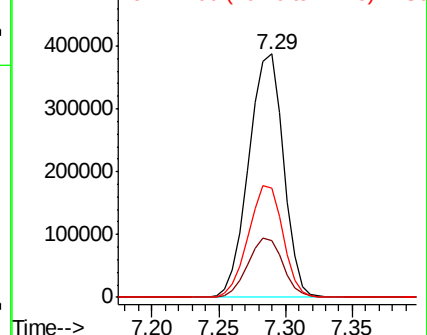
99 100

42 23.5 21.8 32.8

71 45.0 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: 39.715 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

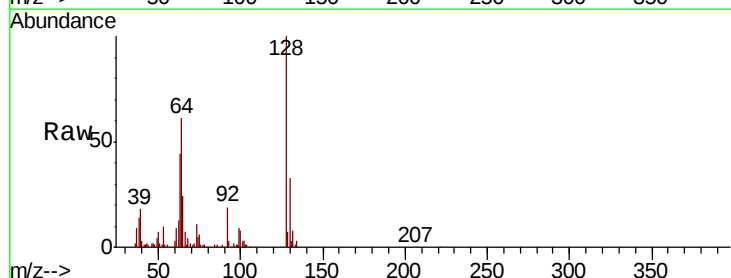
Tgt Ion: 128 Resp: 157351

Ion Ratio Lower Upper

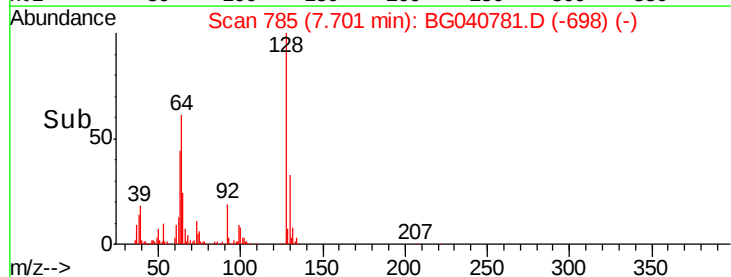
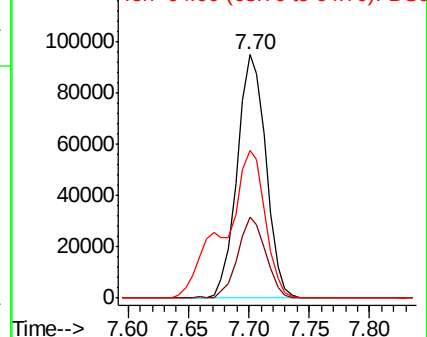
128 100

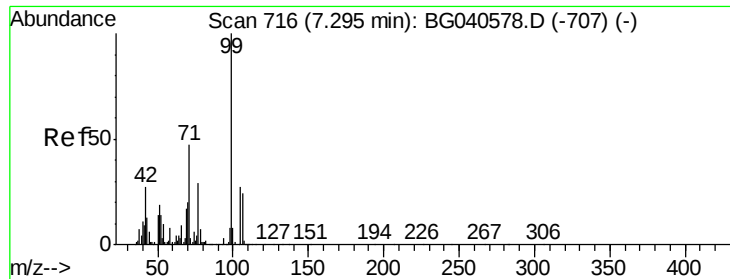
130 33.4 14.5 54.5

64 60.7 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: 18.167 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

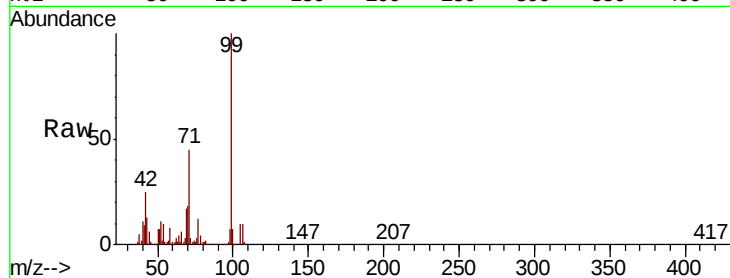
Tot Ion: 77 Resp: 66496

Ion Ratio Lower Upper

77 100

105 82.2 72.0 112.0

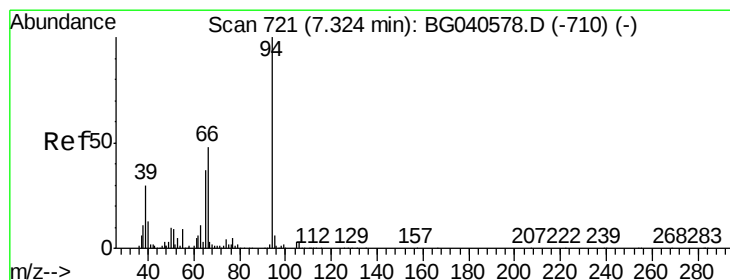
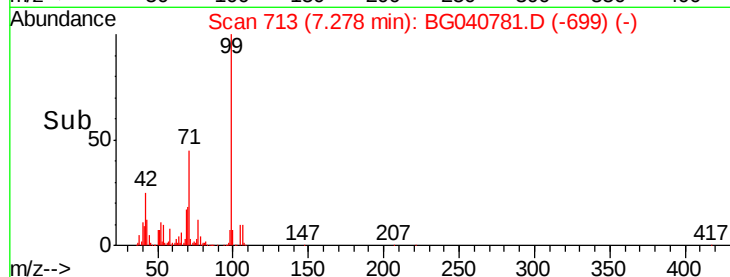
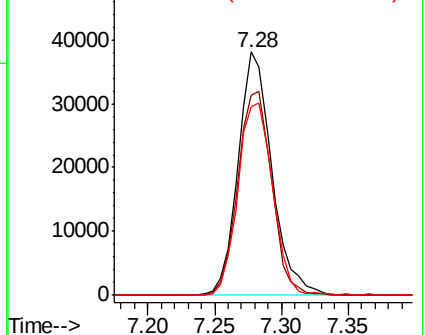
106 77.6 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.184 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

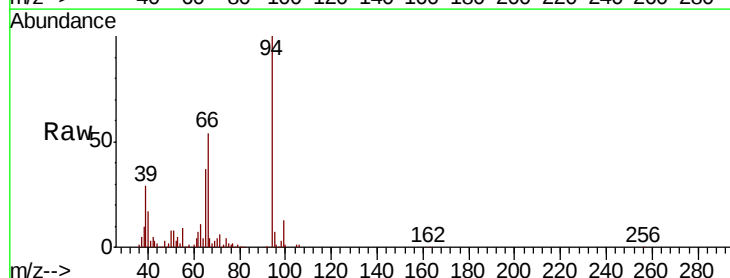
Tgt Ion: 94 Resp: 215808

Ion Ratio Lower Upper

94 100

65 36.9 17.0 57.0

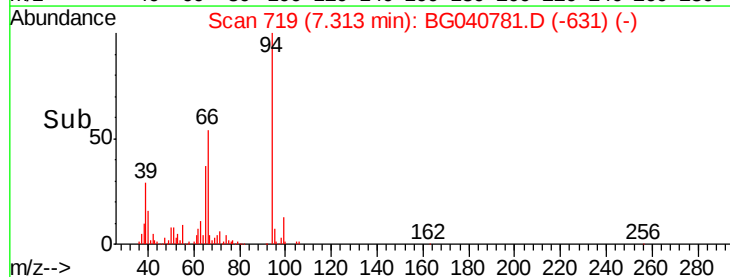
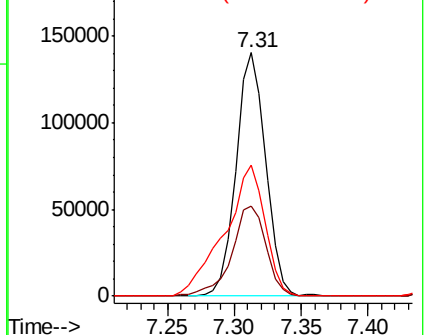
66 53.5 28.6 68.6

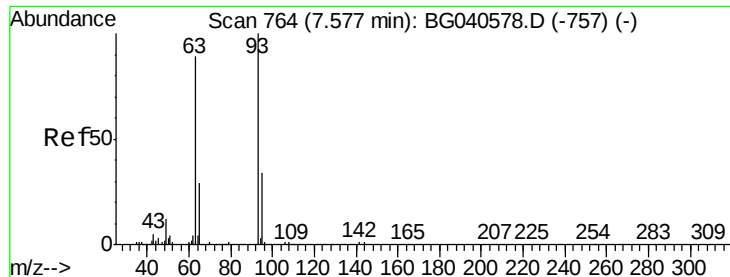


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

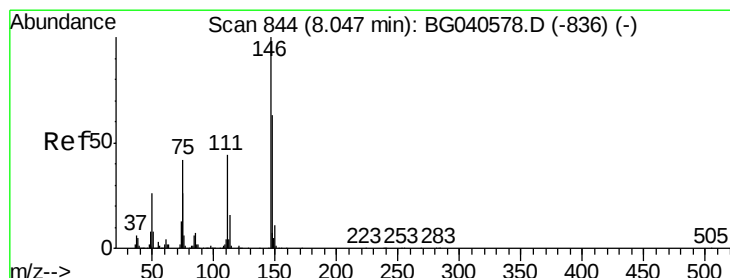
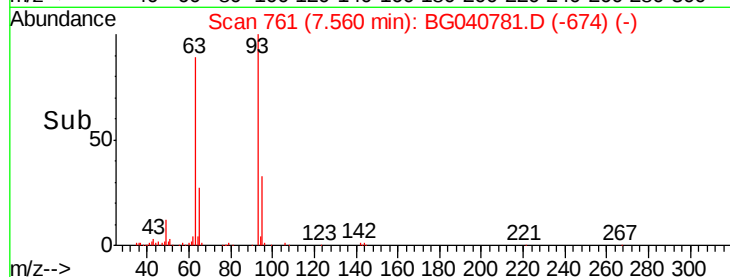
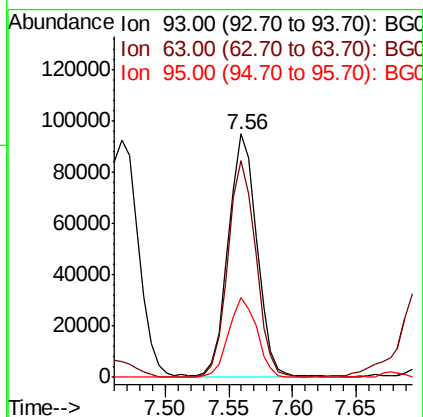
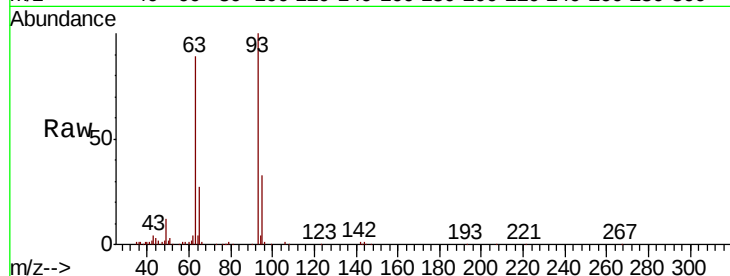




#11
bis(2-Chloroethyl)ether
Concen: 36.735 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

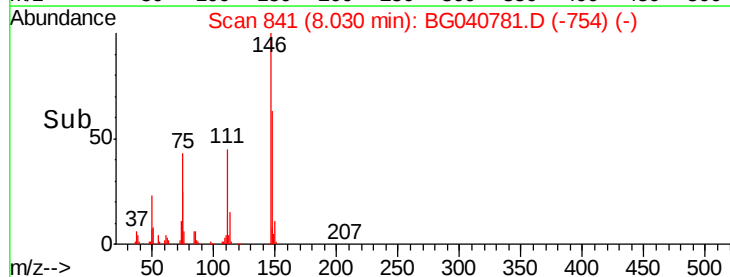
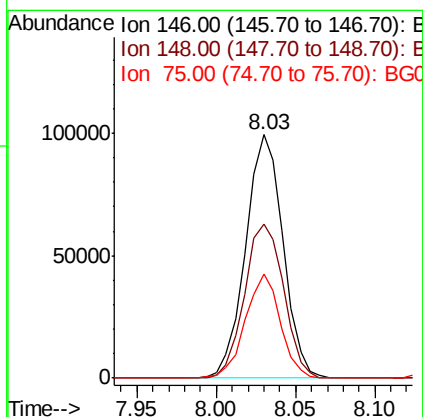
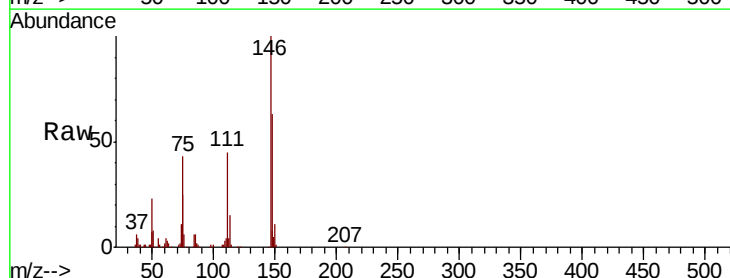
Instrument :
BNA_G
ClientSampleId :
PB119477BS

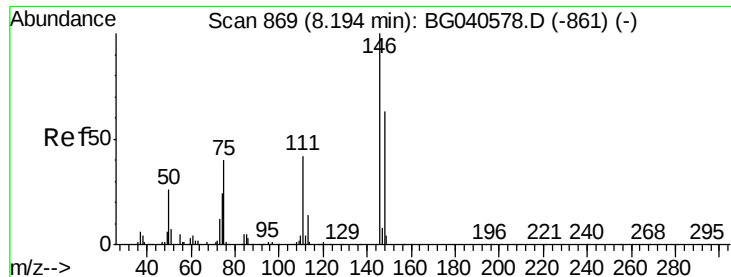
Tot Ion: 93 Resp: 147941
Ion Ratio Lower Upper
93 100
63 88.8 68.2 108.2
95 32.9 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 37.723 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion: 146 Resp: 163132
Ion Ratio Lower Upper
146 100
148 63.5 50.7 76.1
75 42.6 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 38.839 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

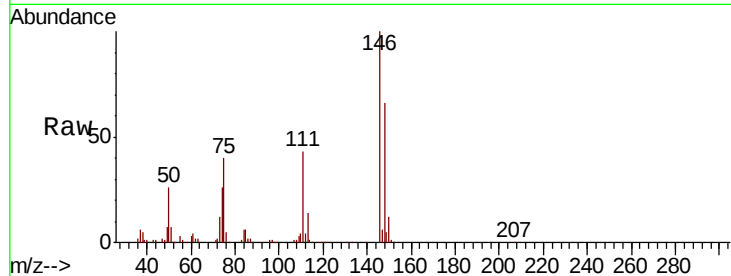
Tot Ion:146 Resp: 170266

Ion Ratio Lower Upper

146 100

148 66.0 50.6 75.8

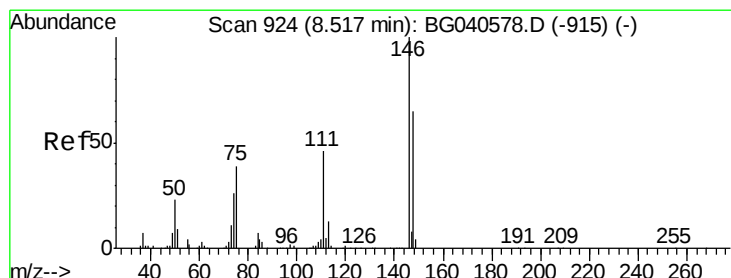
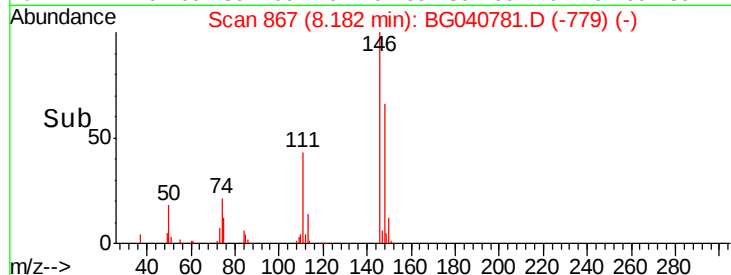
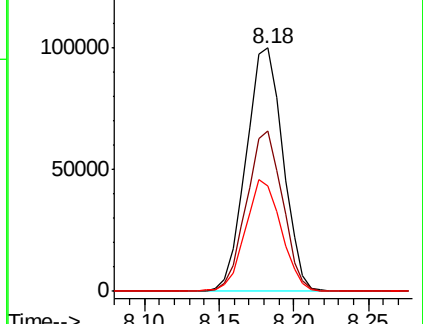
111 43.3 34.3 51.5



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: 38.595 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

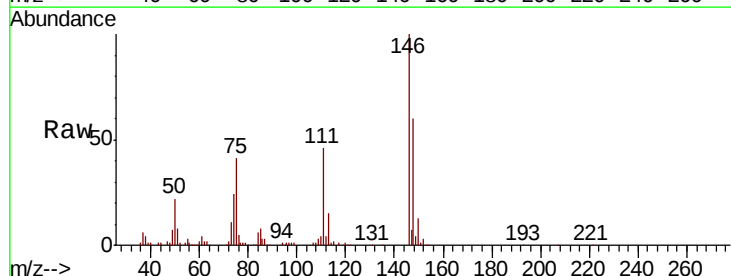
Tgt Ion:146 Resp: 163169

Ion Ratio Lower Upper

146 100

148 60.3 52.2 78.4

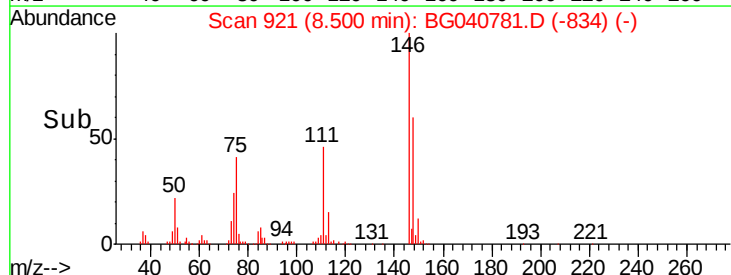
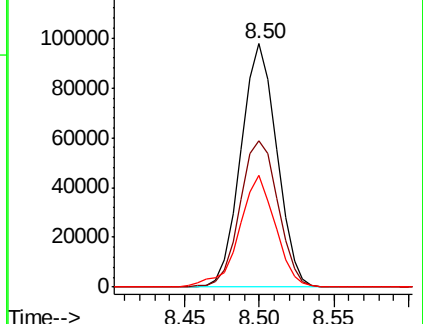
111 45.9 37.4 56.0

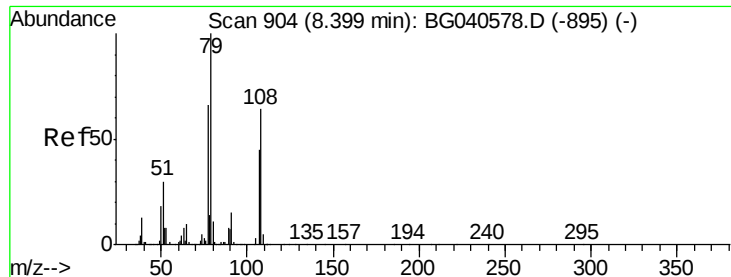


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.378 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

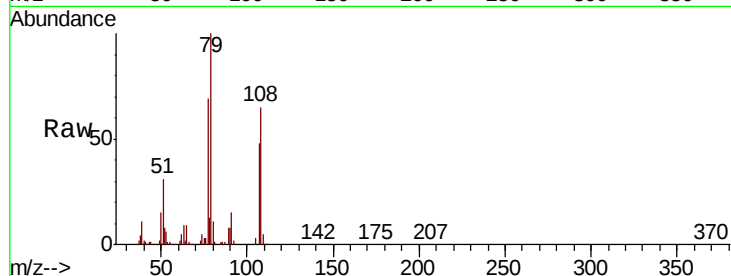
Tot Ion: 79 Resp: 183912

Ion Ratio Lower Upper

79 100

108 64.9 51.4 77.0

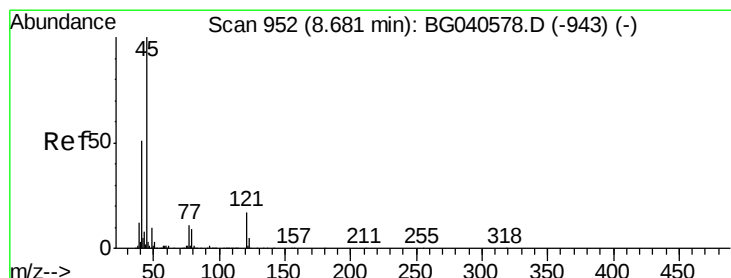
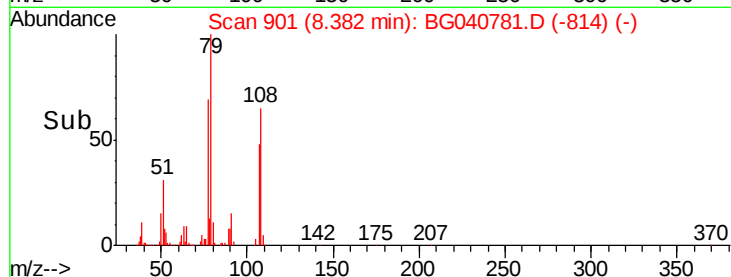
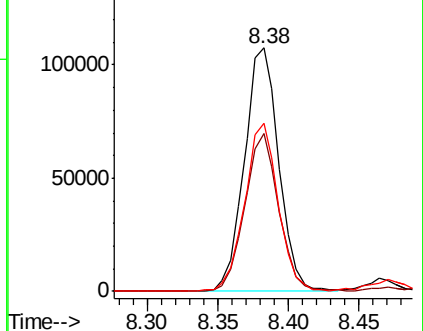
77 68.9 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.809 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

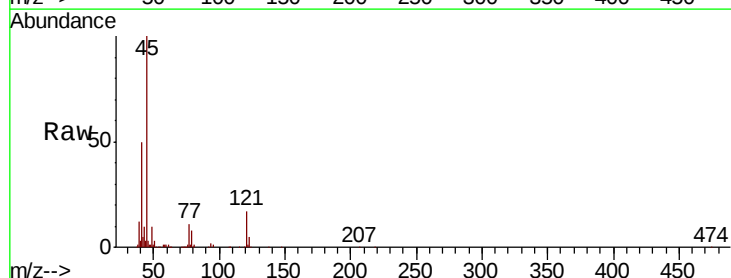
Tgt Ion: 45 Resp: 255045

Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.5

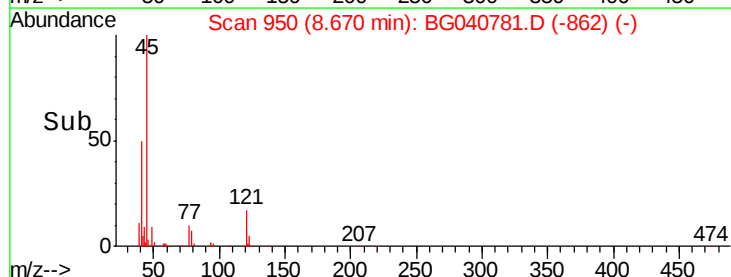
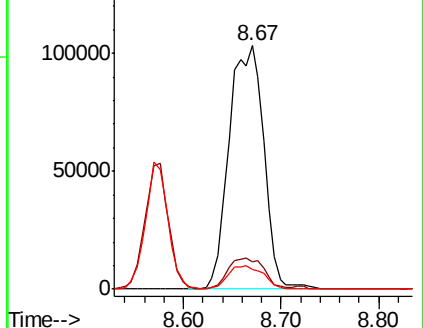
79 8.3 0.0 29.4

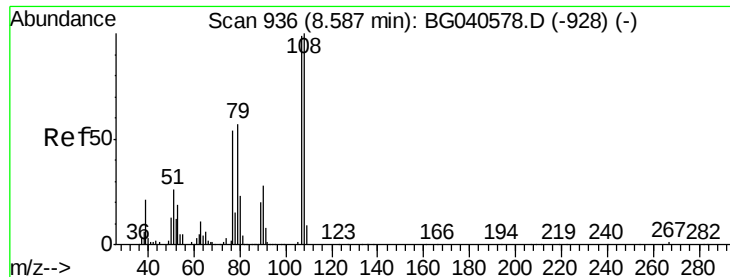


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.451 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

Tot Ion:107 Resp: 149940

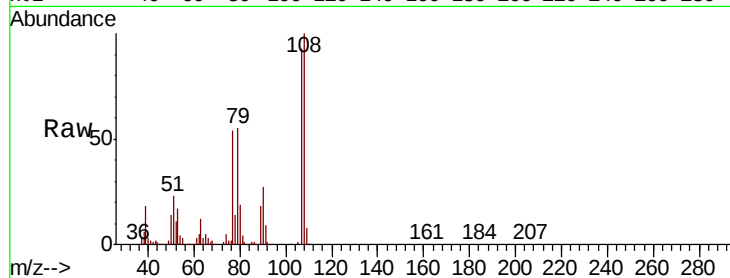
Ion Ratio Lower Upper

107 100

108 107.2 81.2 121.8

77 57.4 44.4 66.6

79 59.3 47.0 70.4

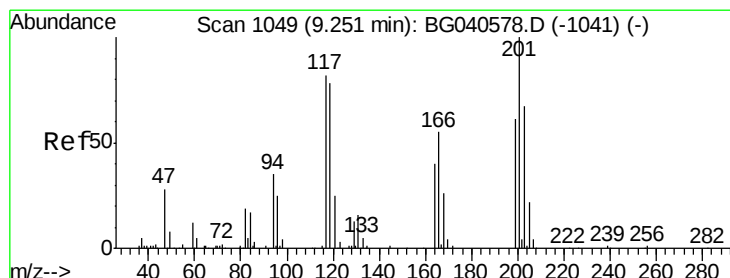
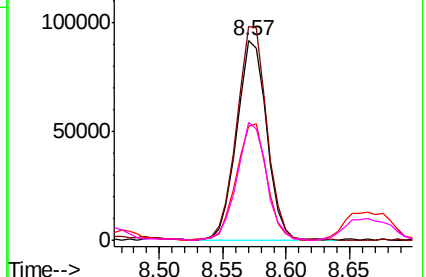
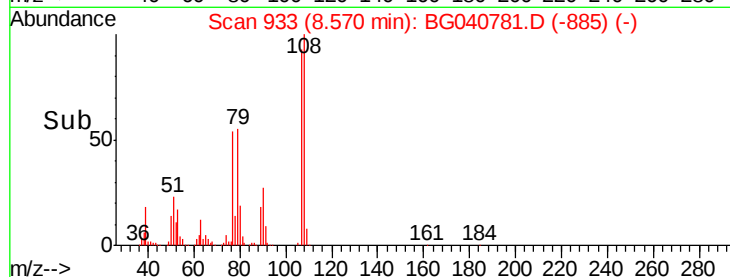


Abundance Ion 107.00 (106.70 to 107.70): E

150000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.765 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

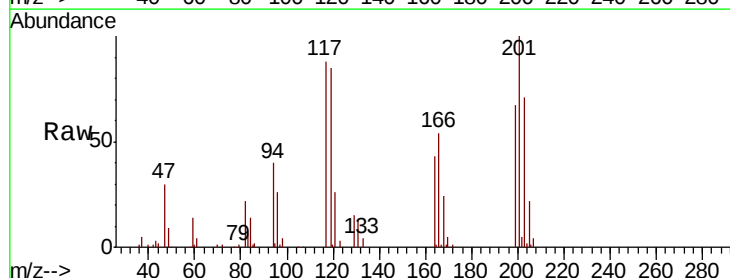
Tgt Ion:117 Resp: 66114

Ion Ratio Lower Upper

117 100

119 97.1 76.6 114.8

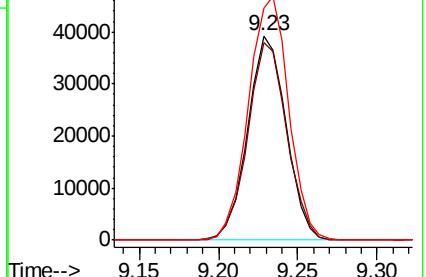
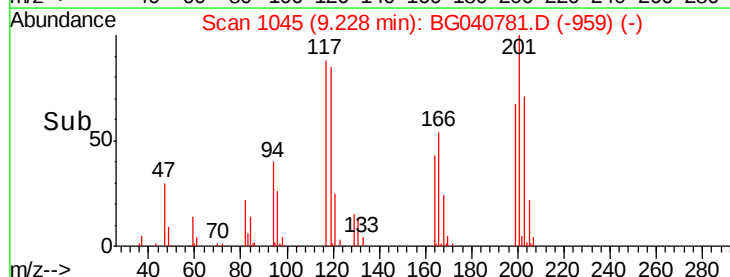
201 113.7 101.0 151.6

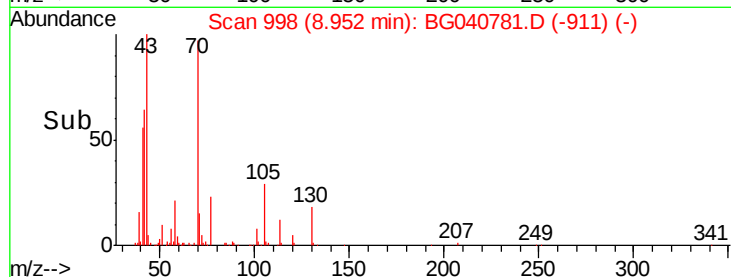
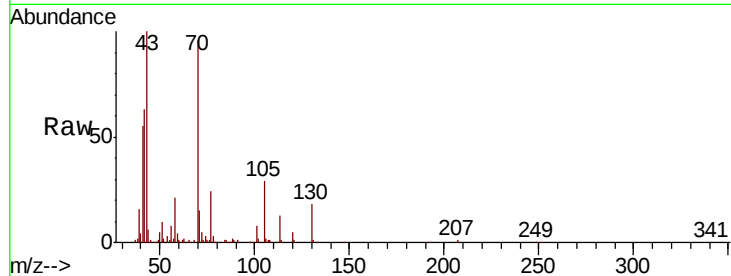
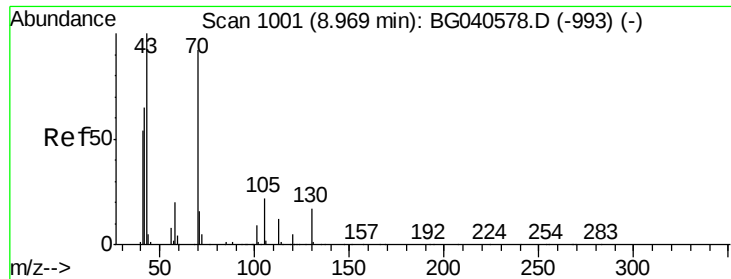


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

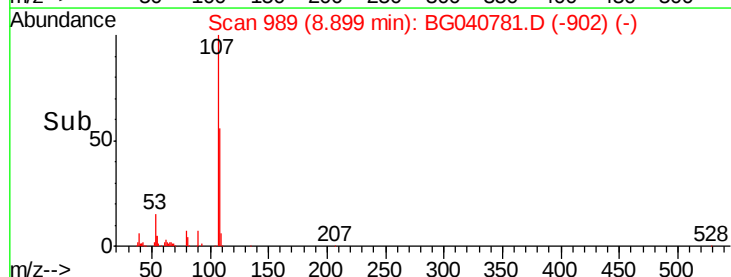
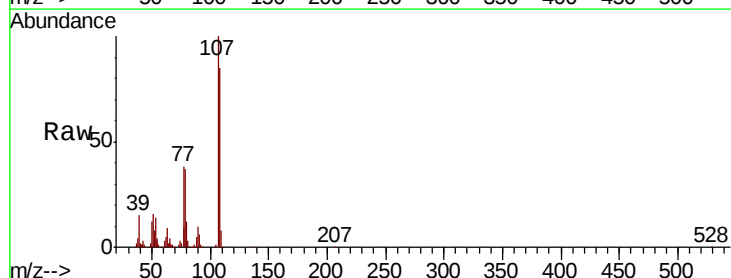
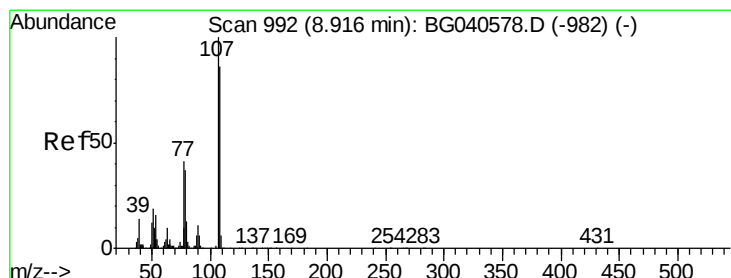
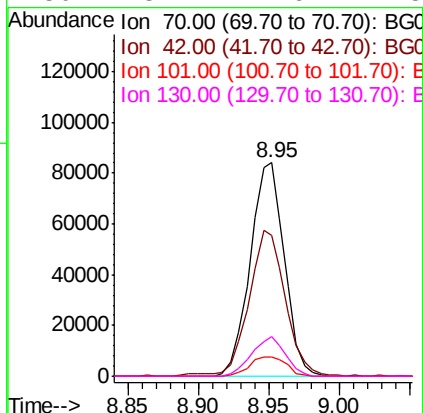




#19
n-Nitroso-di-n-propylamine
Concen: 31.781 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

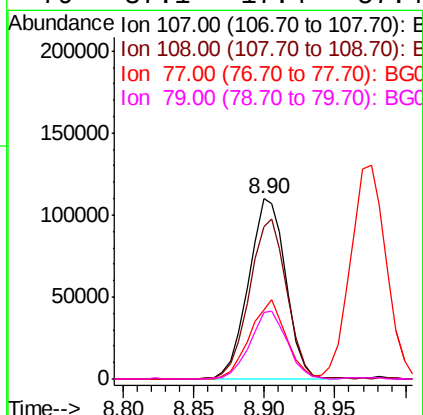
Instrument :
BNA_G
ClientSampleId :
PB119477BS

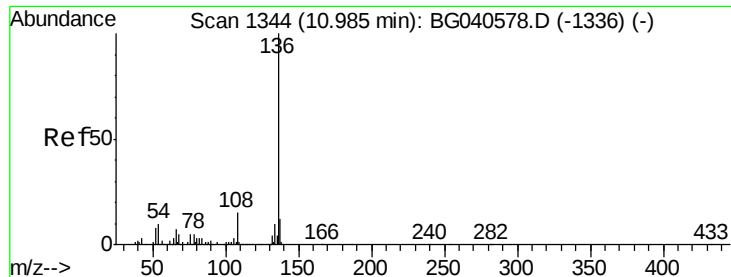
Tot Ion:	70	Resp:	142928
Ion	Ratio	Lower	Upper
70	100		
42	65.9	57.1	85.7
101	8.7	7.8	11.8
130	18.4	14.6	21.8



#20
3+4-Methylphenols
Concen: 38.428 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion:	107	Resp:	203462
Ion	Ratio	Lower	Upper
107	100		
108	84.9	66.1	106.1
77	38.2	21.6	61.6
79	37.1	17.4	57.4

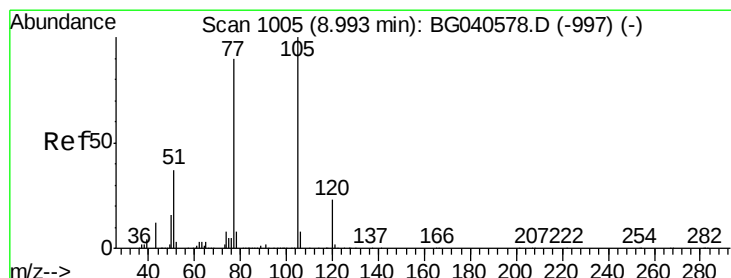
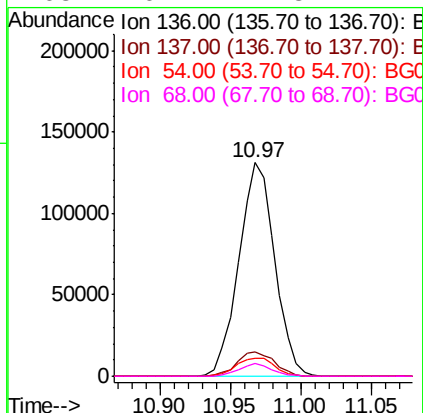
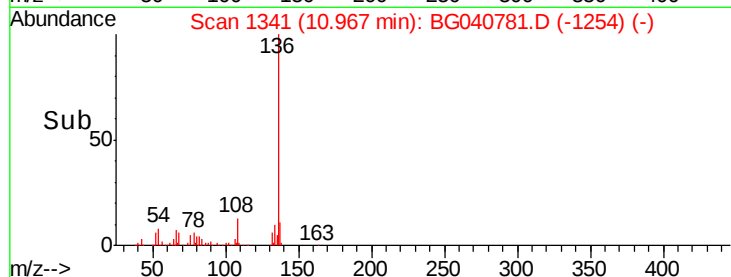
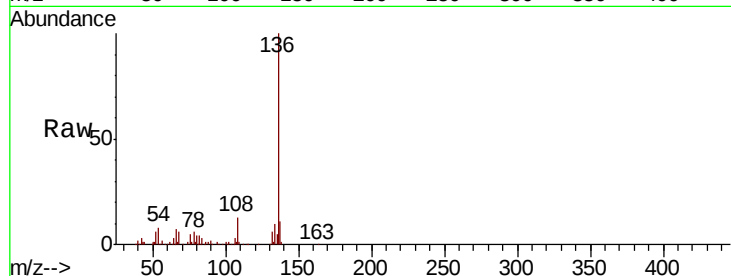




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

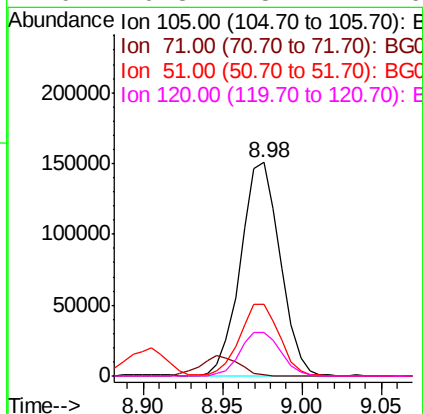
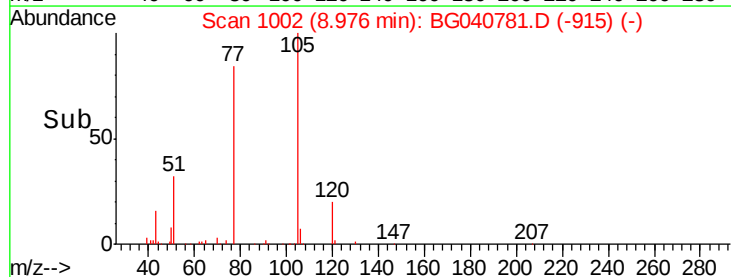
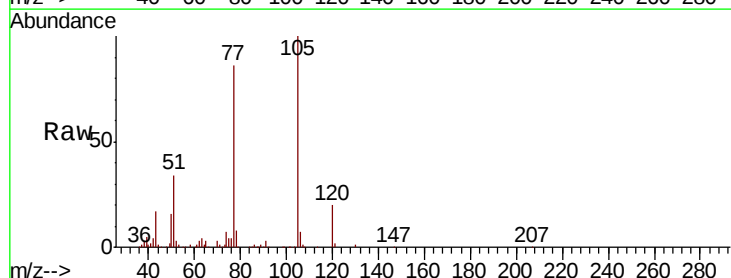
Instrument :
BNA_G
ClientSampleId :
PB119477BS

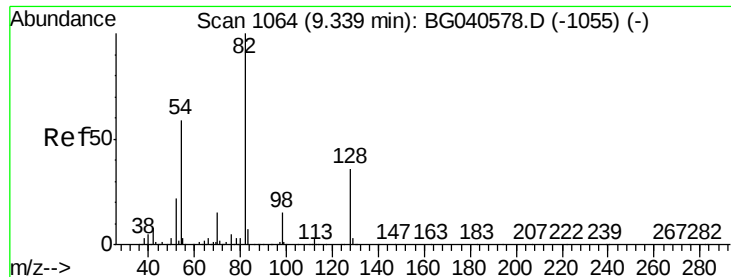
Tot Ion:136	Resp:	232428
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.7	14.5
54 8.5	8.6	12.8#
68 6.1	4.8	7.2



#22
Acetophenone
Concen: 40.362 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt	Ion:105	Resp:	260866
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.8	2.8#
51	33.7	29.8	44.8
120	20.3	18.4	27.6

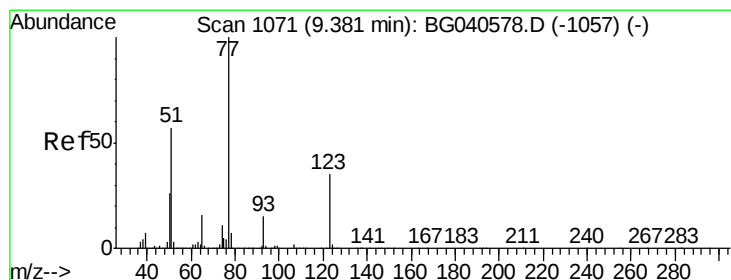
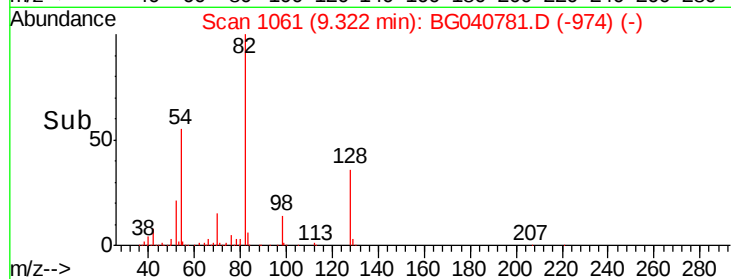
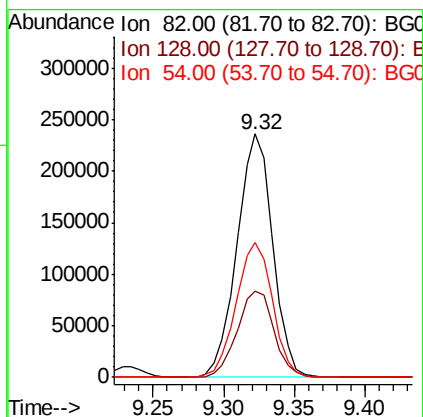
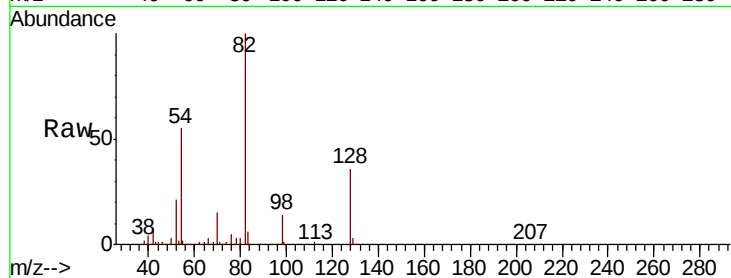




#23
 Nitrobenzene-d5
 Concen: 83.009 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

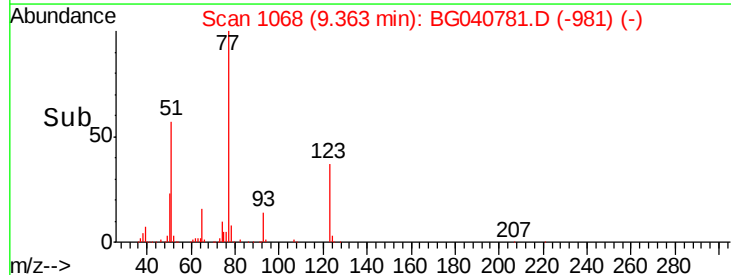
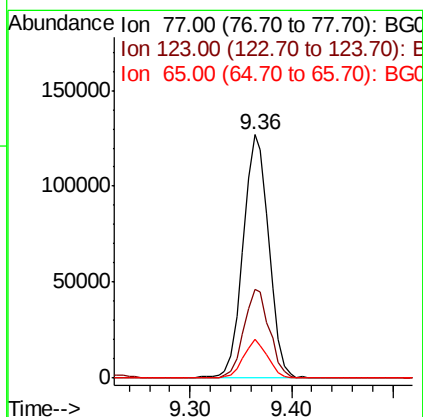
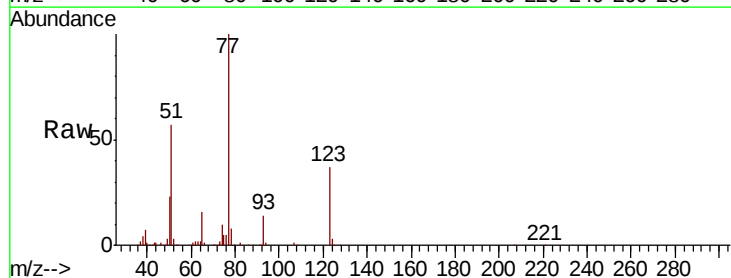
Instrument :
 BNA_G
 ClientSampleId :
 PB119477BS

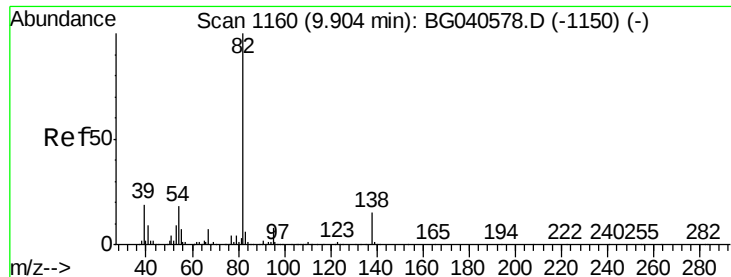
Tot Ion	82	Resp	417555
Ion Ratio	100	Lower	Upper
128	35.6	28.9	43.3
54	55.3	47.2	70.8



#24
 Nitrobenzene
 Concen: 41.475 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Tgt Ion	77	Resp	222596
Ion Ratio	100	Lower	Upper
123	36.5	27.8	41.6
65	16.1	12.4	18.6





#25

Isophorone

Concen: 35.305 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

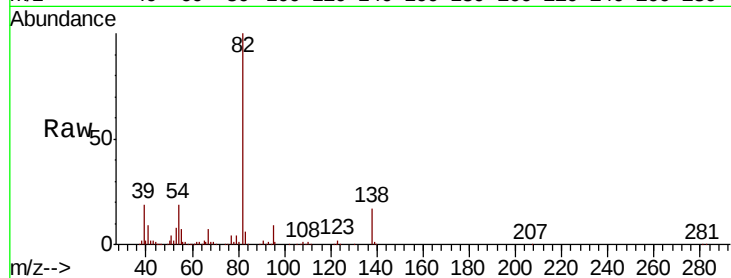
Tot Ion: 82 Resp: 395583

Ion Ratio Lower Upper

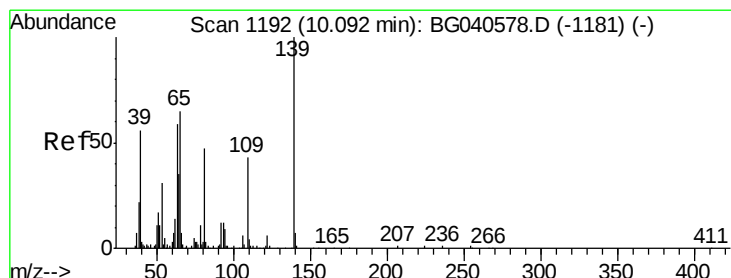
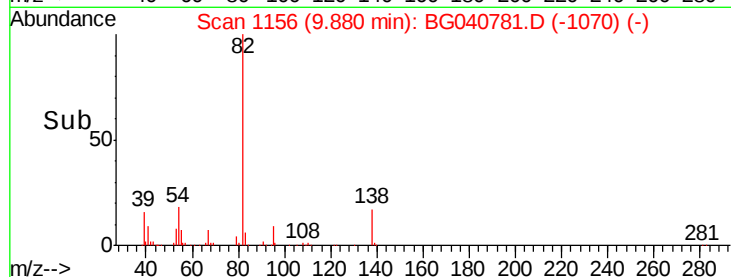
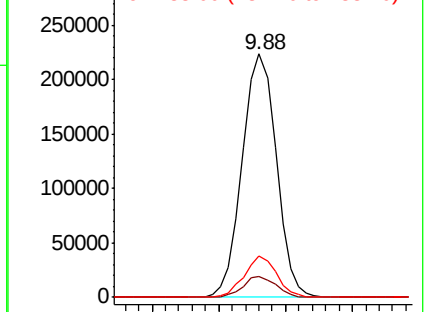
82 100

95 8.6 6.9 10.3

138 16.8 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: 47.787 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

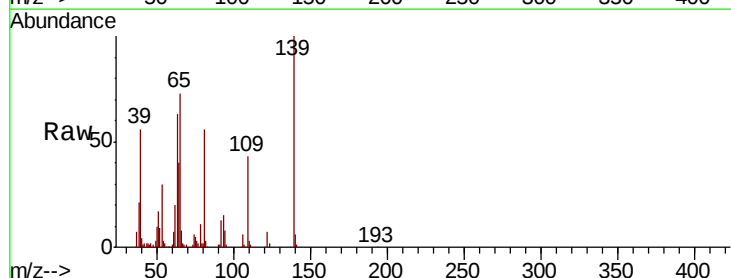
Tgt Ion: 139 Resp: 91935

Ion Ratio Lower Upper

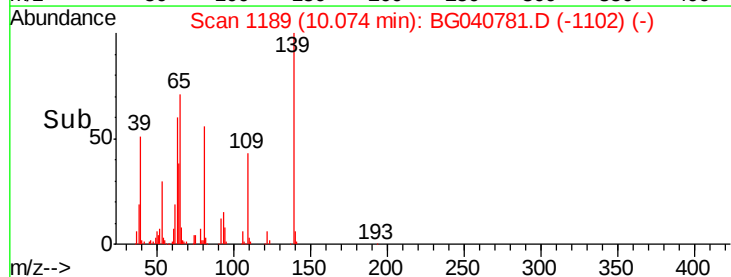
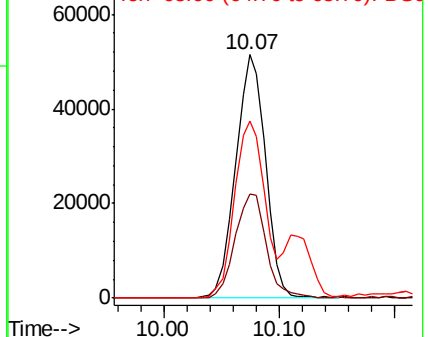
139 100

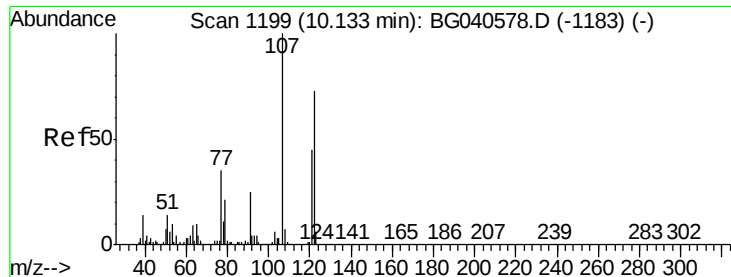
109 43.0 35.6 53.4

65 72.6 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: 47.386 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

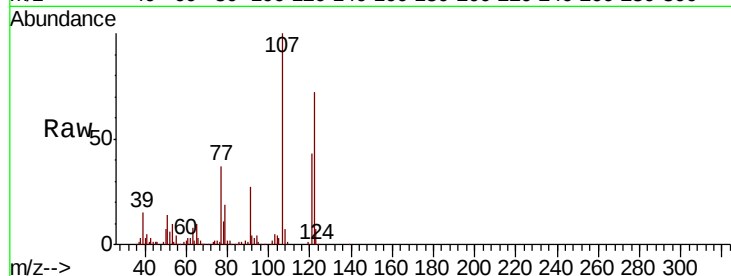
Tot Ion:122 Resp: 171046

Ion Ratio Lower Upper

122 100

107 139.0 110.1 165.1

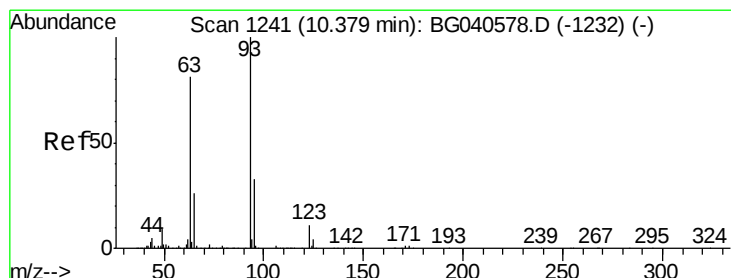
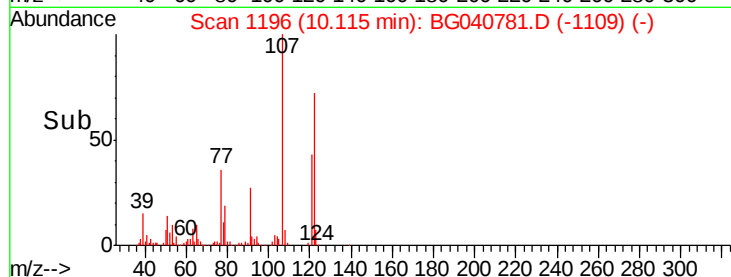
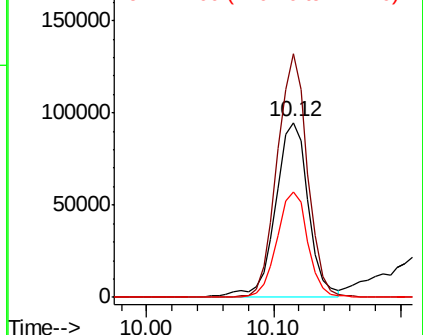
121 60.0 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.827 ng

RT: 10.36 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

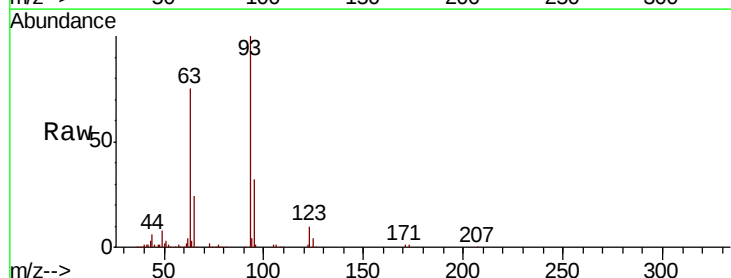
Tgt Ion: 93 Resp: 207031

Ion Ratio Lower Upper

93 100

95 31.8 26.6 40.0

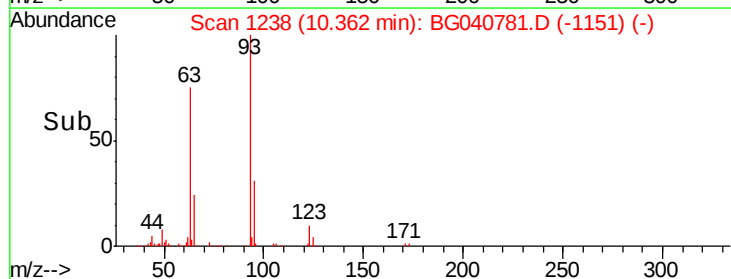
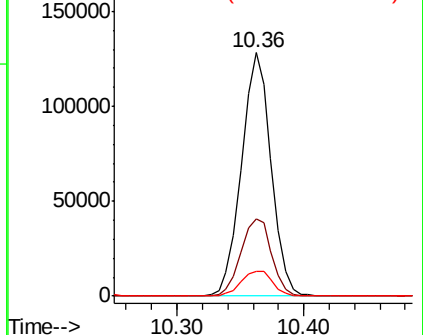
123 10.2 9.0 13.4

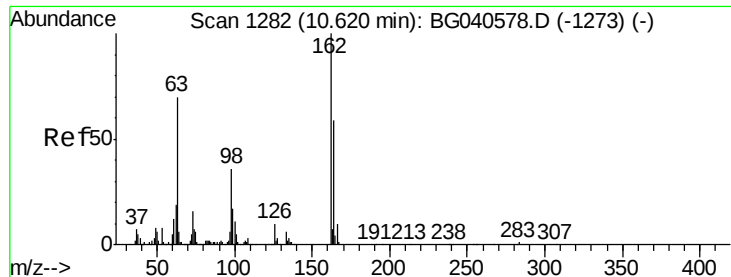


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.595 ng

RT: 10.60 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

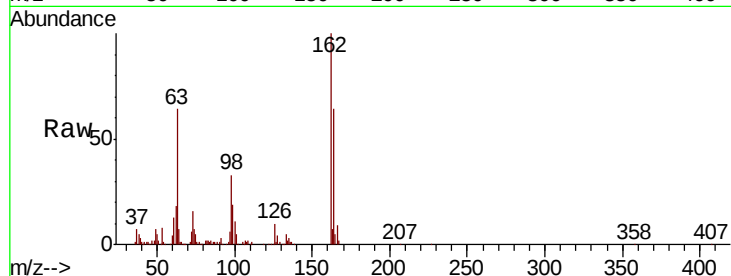
Tot Ion:162 Resp: 183002

Ion Ratio Lower Upper

162 100

164 63.6 38.9 78.9

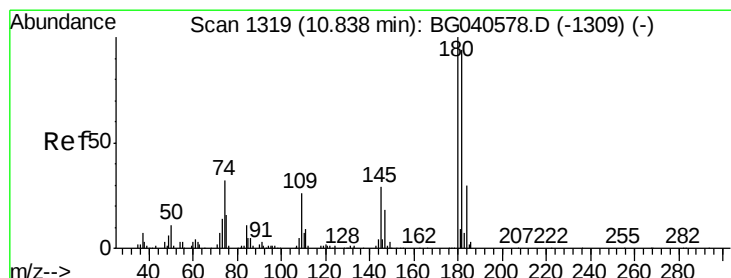
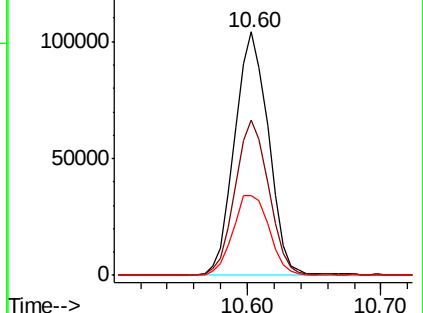
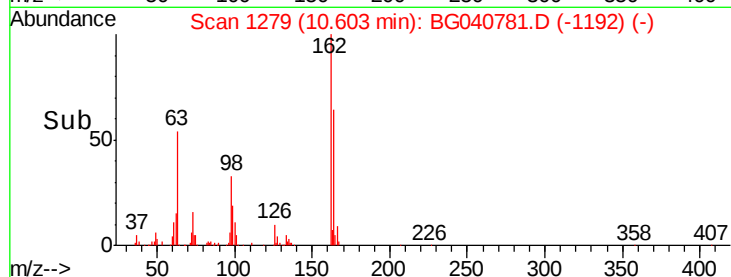
98 33.0 16.8 56.8



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: 42.502 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

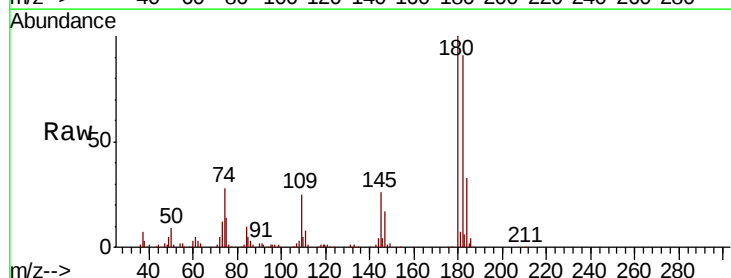
Tgt Ion:180 Resp: 193415

Ion Ratio Lower Upper

180 100

182 91.4 75.2 112.8

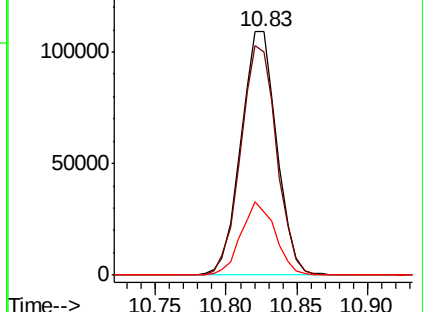
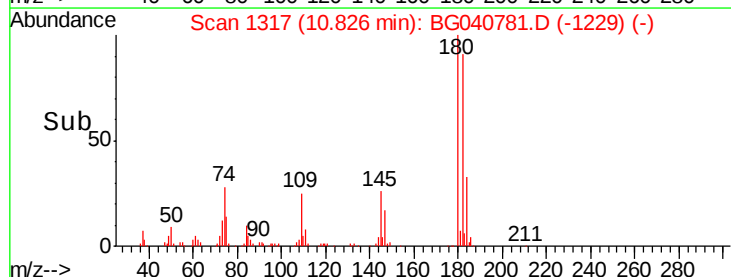
145 25.7 23.6 35.4

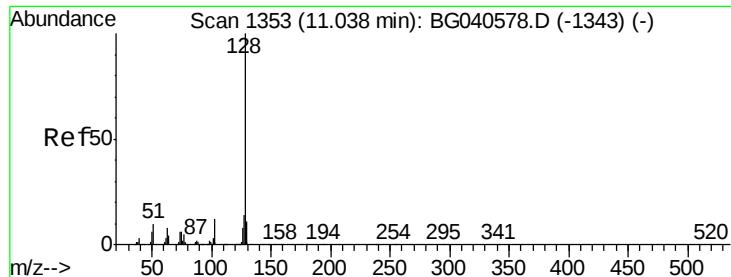


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

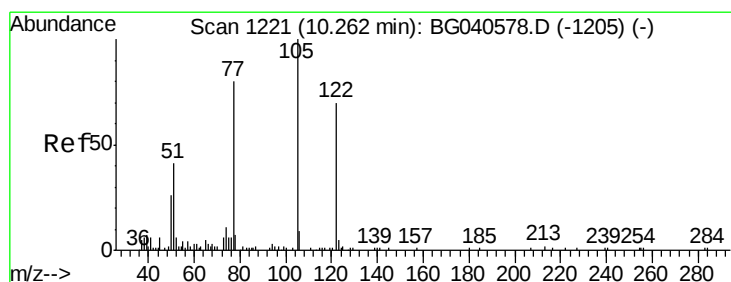
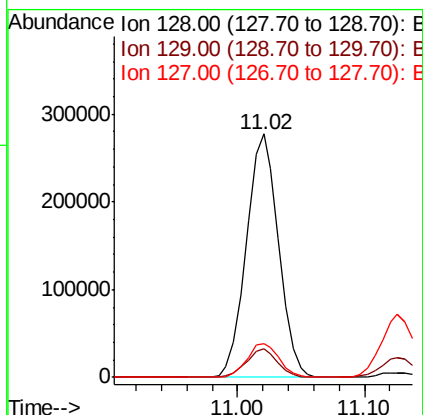
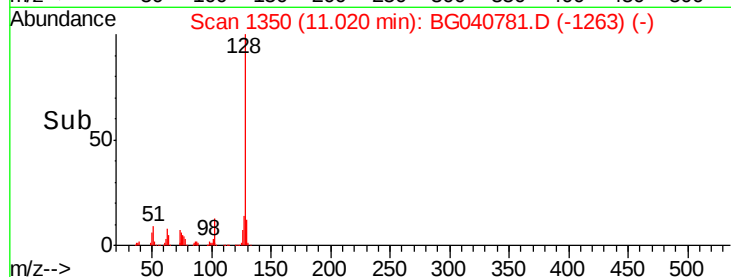
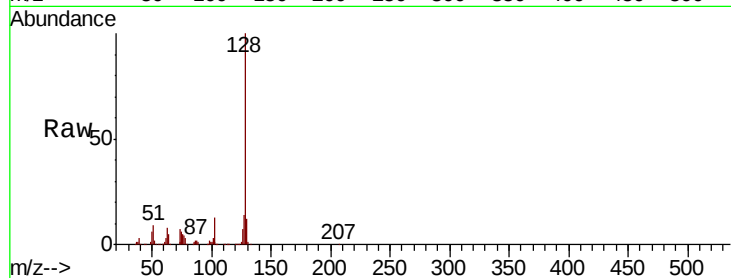




#31
Naphthalene
Concen: 39.579 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

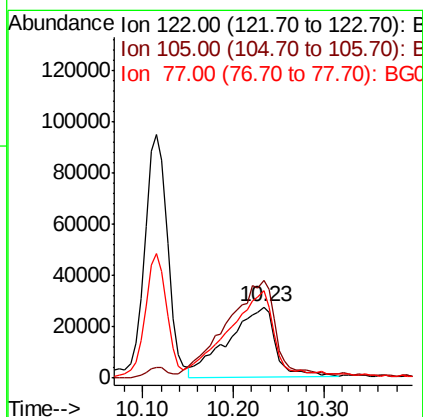
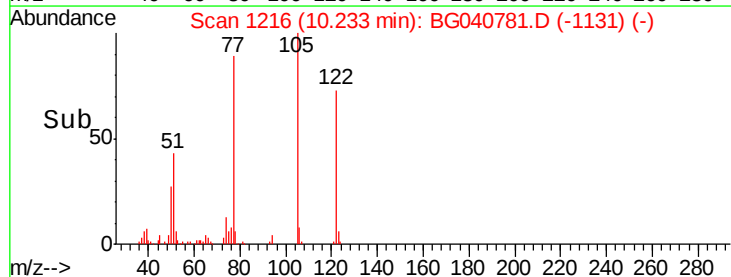
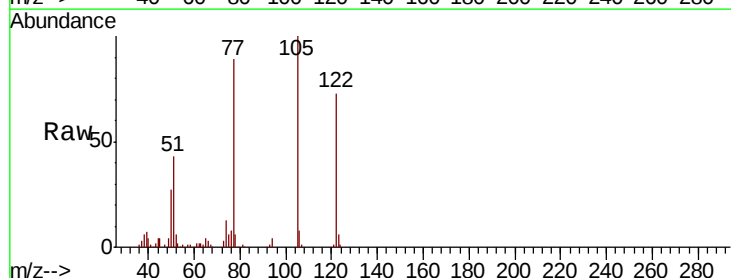
Instrument :
BNA_G
ClientSampleId :
PB119477BS

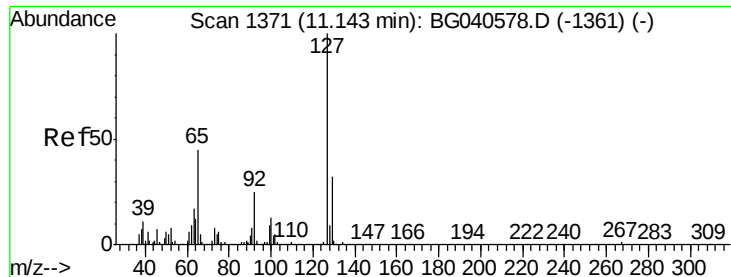
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 39.706 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.7	110.9	150.9
77	122.9	87.6	127.6

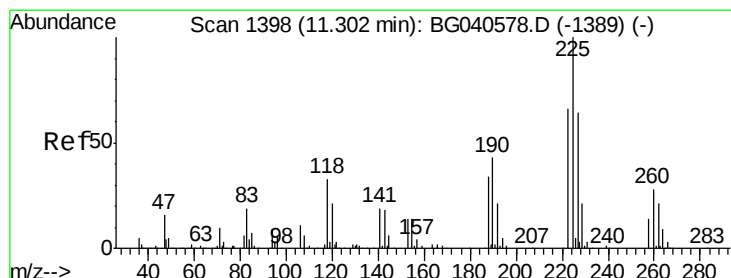
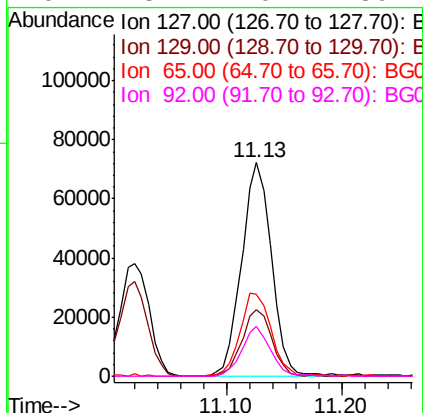
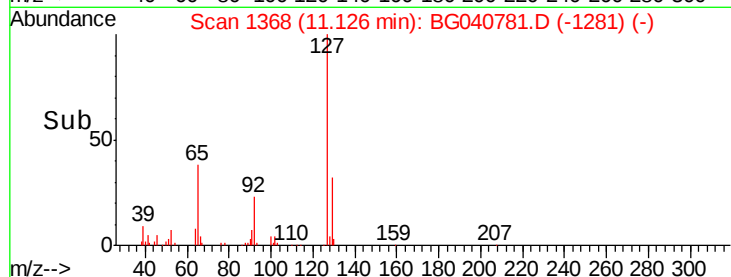
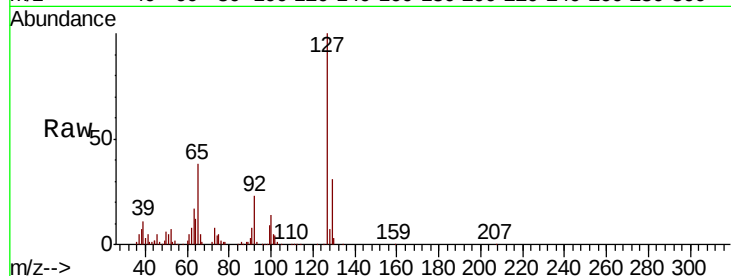




#33
4-Chloroaniline
Concen: 23.847 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

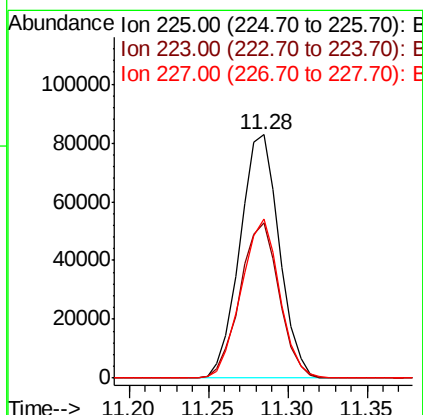
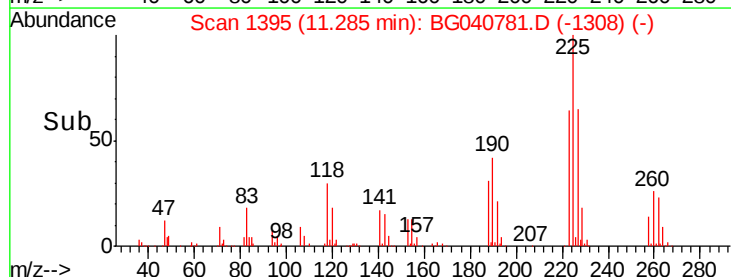
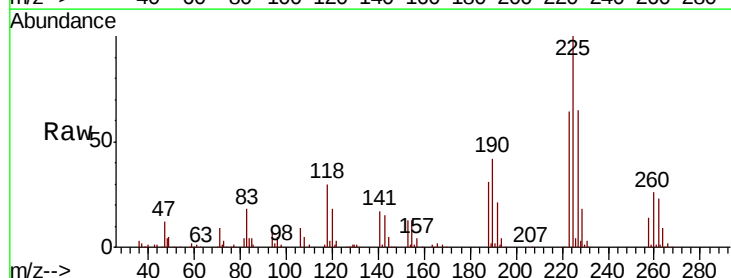
Instrument :
BNA_G
ClientSampleId :
PB119477BS

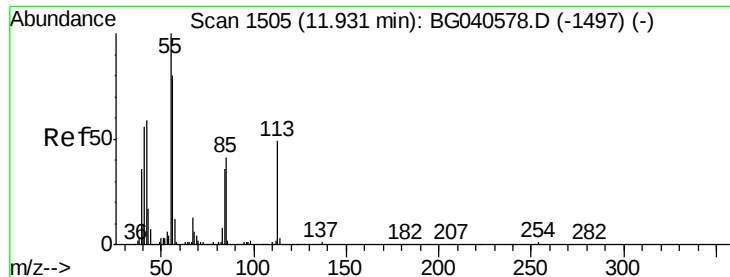
Tot Ion:127 Resp: 130561
Ion Ratio Lower Upper
127 100
129 31.5 25.7 38.5
65 38.3 36.1 54.1
92 23.1 20.1 30.1



#34
Hexachlorobutadiene
Concen: 42.518 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion:225 Resp: 142846
Ion Ratio Lower Upper
225 100
223 64.0 50.4 75.6
227 65.3 51.0 76.6





#35

Caprolactam

Concen: 38.542 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

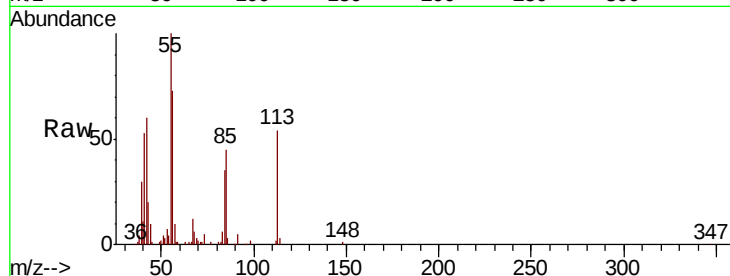
Tot Ion:113 Resp: 62445

Ion Ratio Lower Upper

113 100

55 186.6 198.6 238.6#

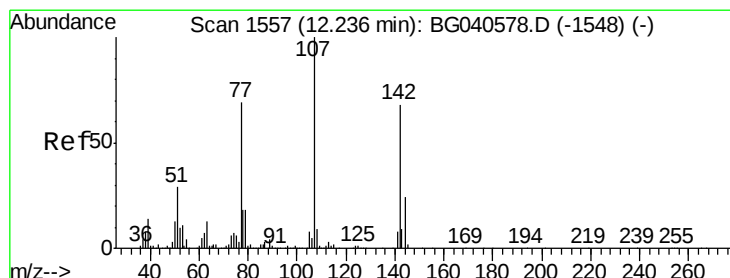
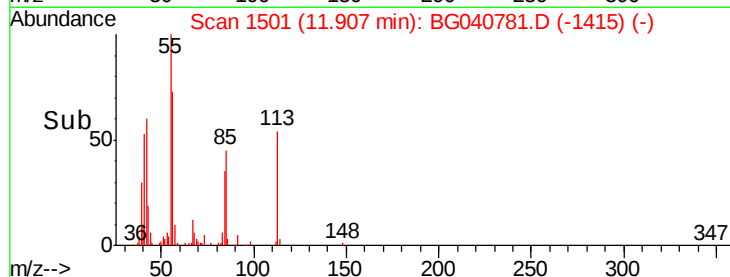
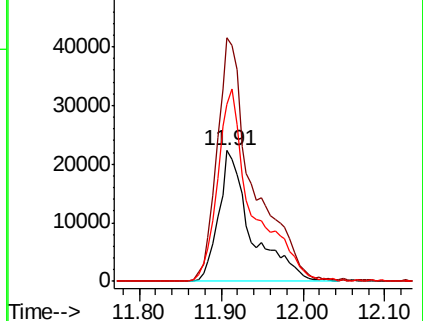
56 135.5 148.4 188.4#



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: 40.838 ng

RT: 12.22 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

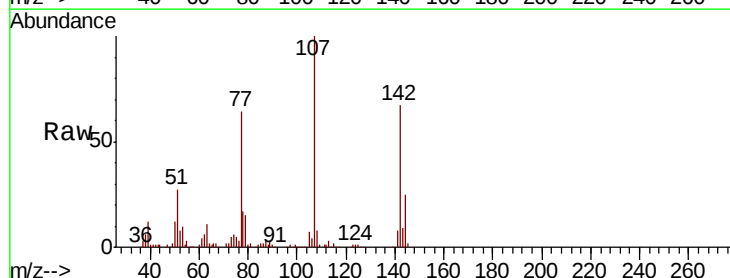
Tgt Ion:107 Resp: 211414

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

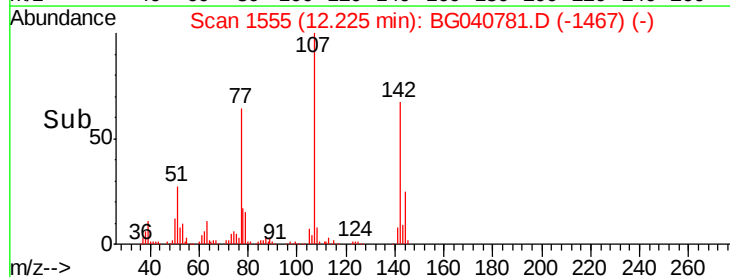
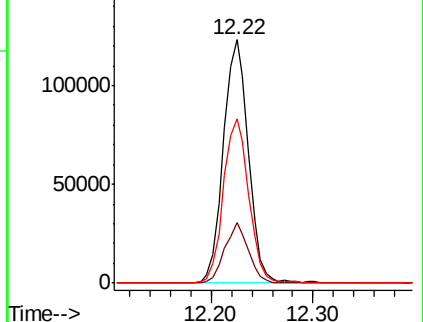
142 67.3 54.6 81.8

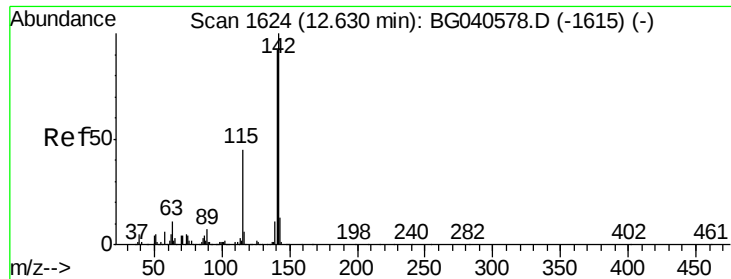


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

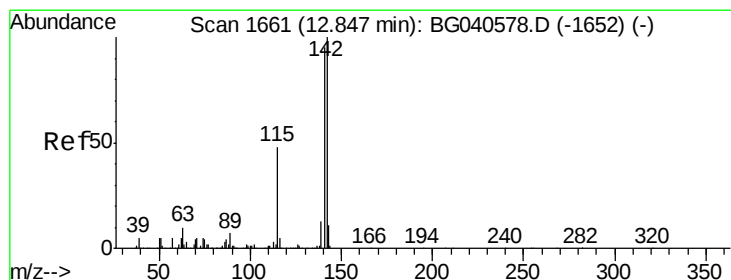
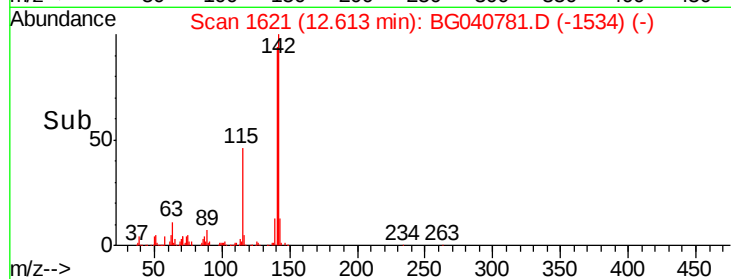
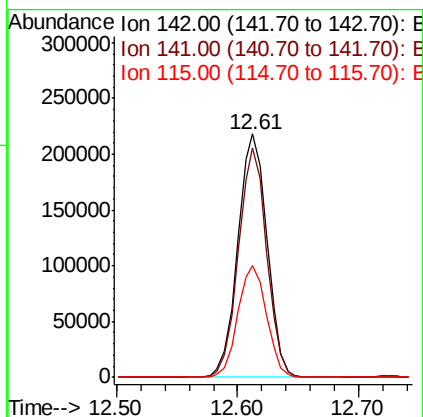
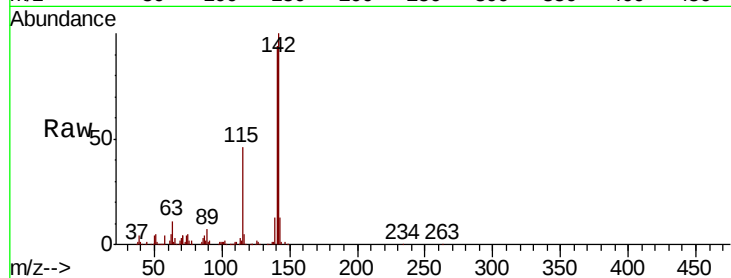




#37
2-Methylnaphthalene
Concen: 39.810 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

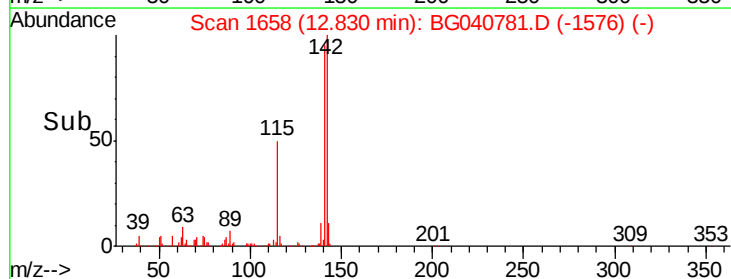
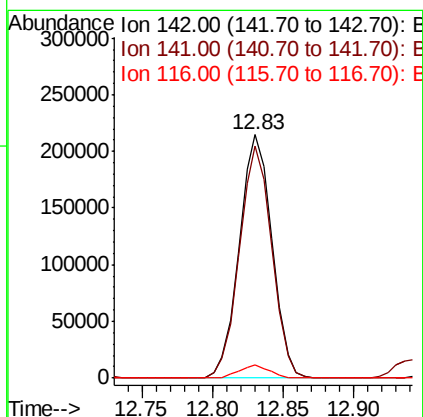
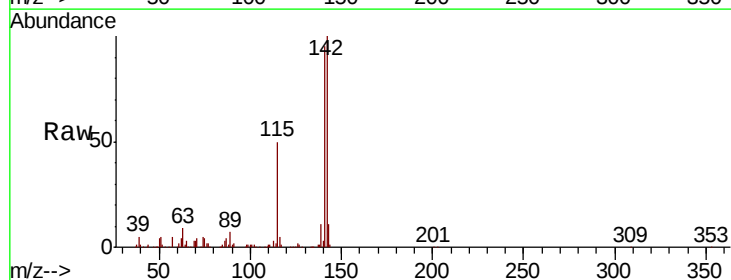
Instrument :
BNA_G
ClientSampleId :
PB119477BS

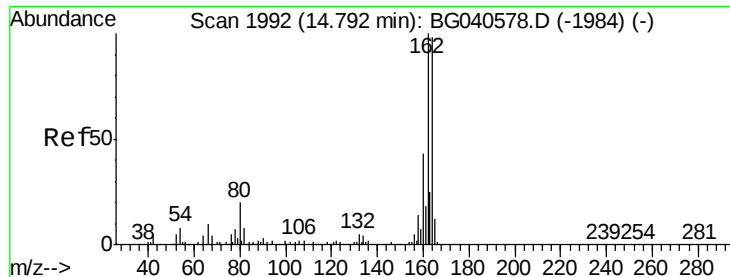
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.4	110.2
115	45.9	36.2	54.4



#38
1-Methylnaphthalene
Concen: 38.462 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.9	113.9
116	5.4	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: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

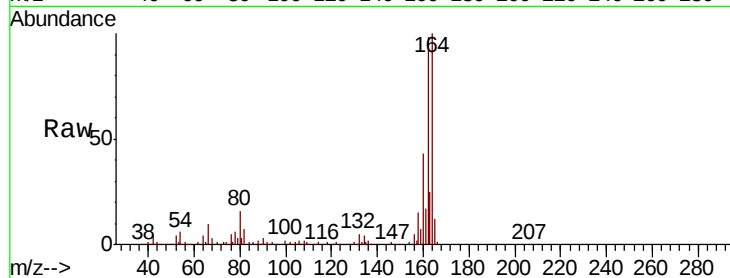
Tot Ion:164 Resp: 169518

Ion Ratio Lower Upper

164 100

162 98.4 81.9 122.9

160 42.9 35.4 53.2

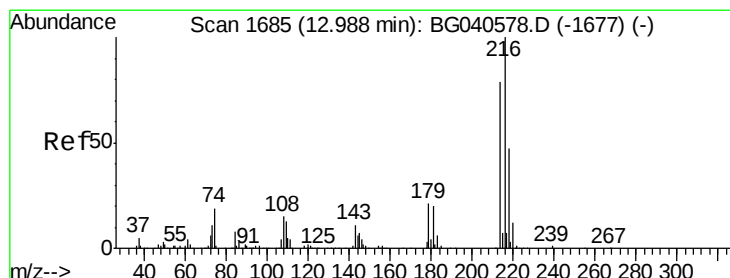
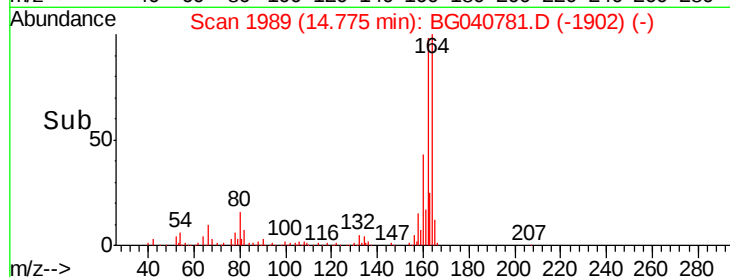
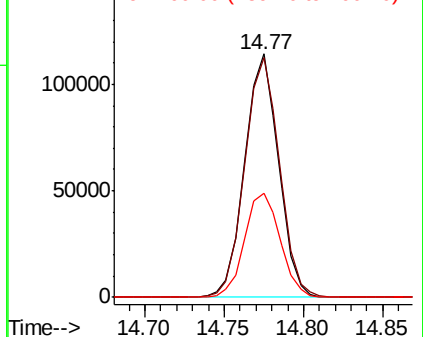


Abundance

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: 40.751 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Tgt Ion:216 Resp: 257344

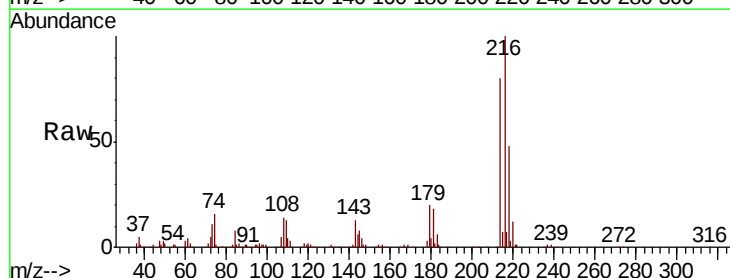
Ion Ratio Lower Upper

216 100

214 79.7 63.7 95.5

179 19.5 16.6 24.8

108 16.7 14.7 22.1



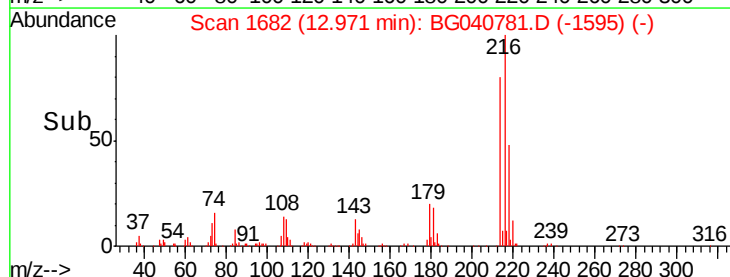
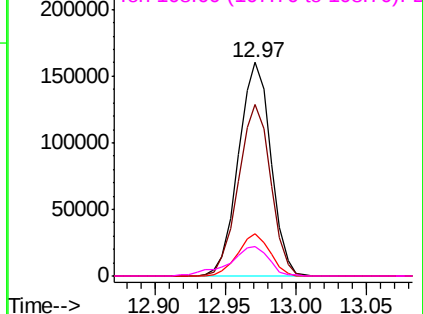
Abundance

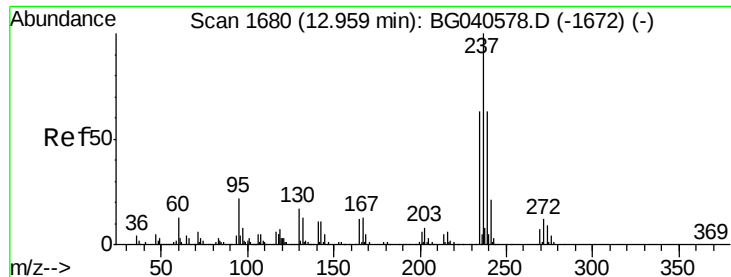
Ion 216.00 (215.70 to 216.70): E

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: 67.400 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

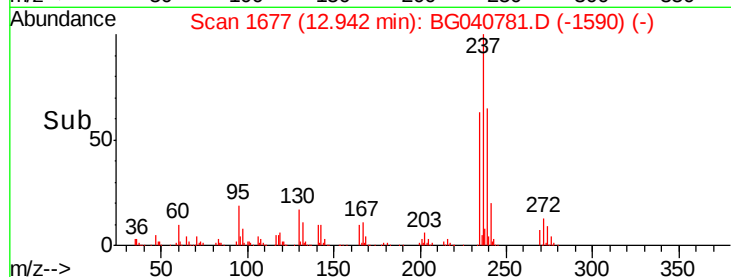
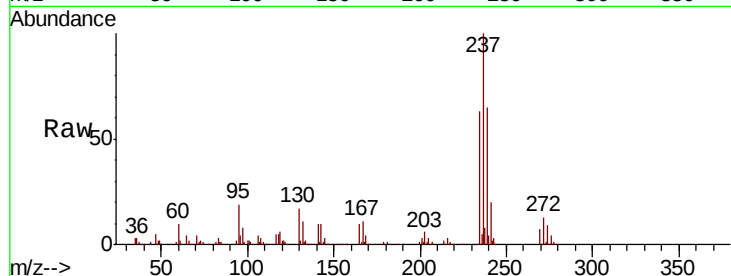
Tot Ion:237 Resp: 251155

Ion Ratio Lower Upper

237 100

235 63.4 42.5 82.5

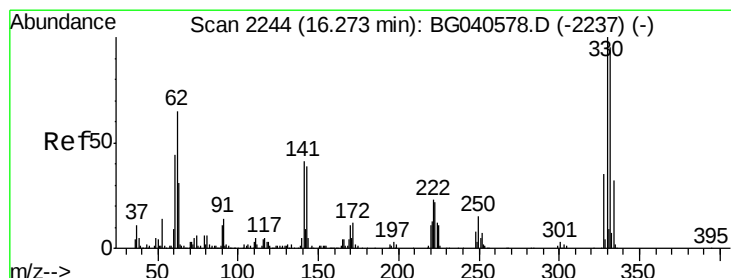
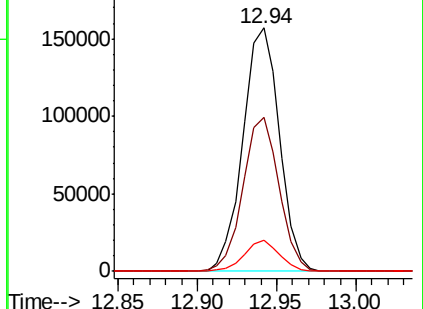
272 12.8 0.0 31.6



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: 156.109 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

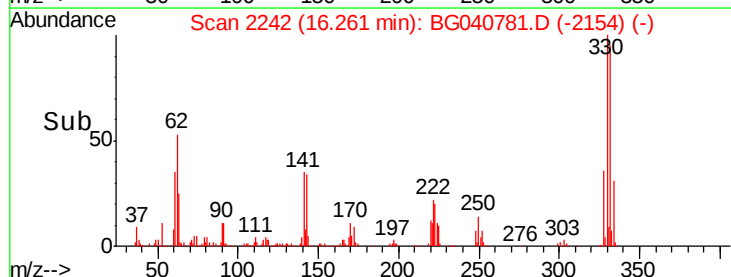
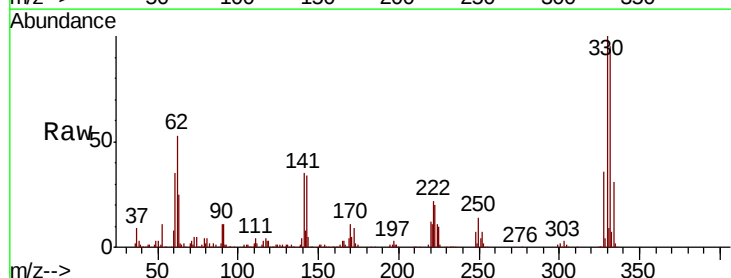
Tgt Ion:330 Resp: 363743

Ion Ratio Lower Upper

330 100

332 96.3 75.9 113.9

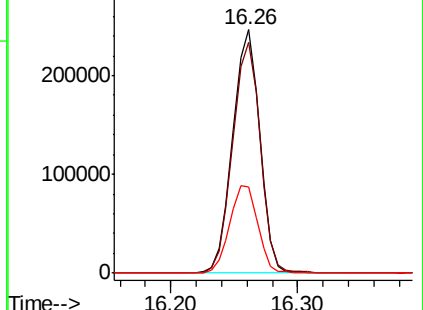
141 37.1 32.4 48.6

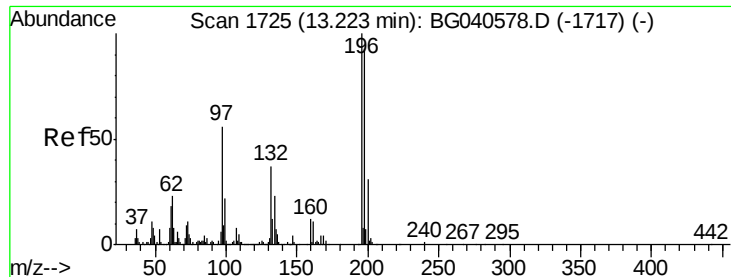


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

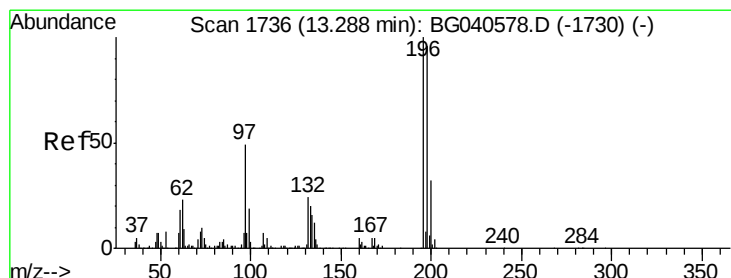
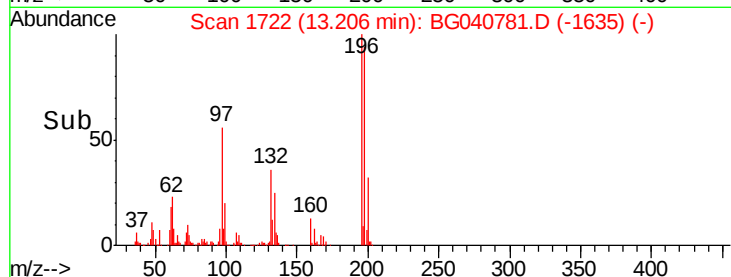
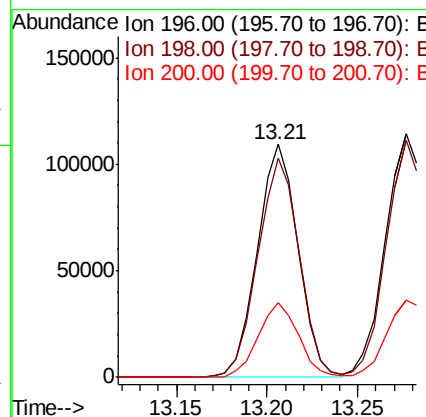
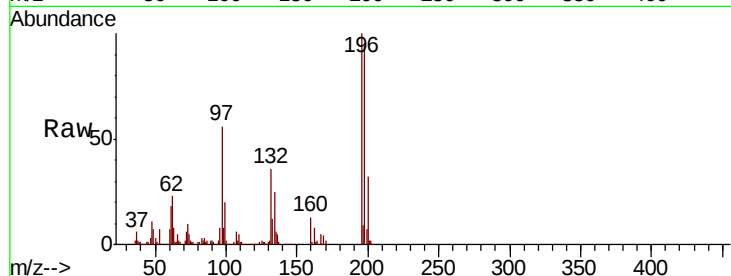




#43
 2,4,6-Trichlorophenol
 Concen: 44.719 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

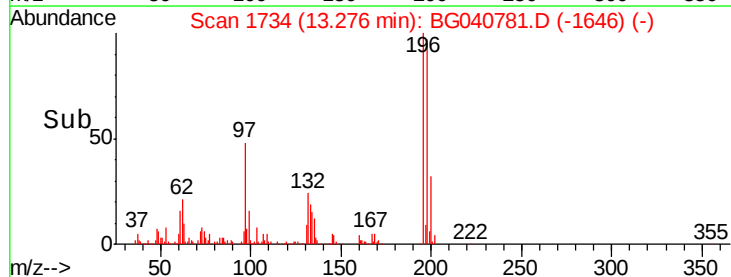
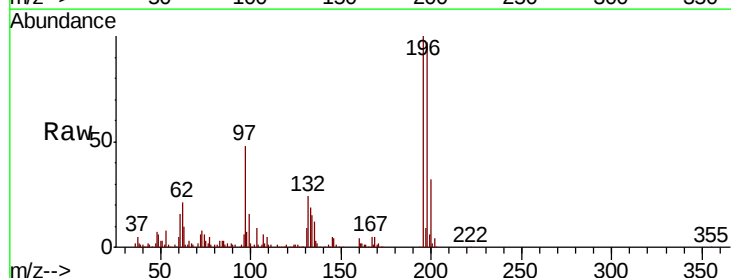
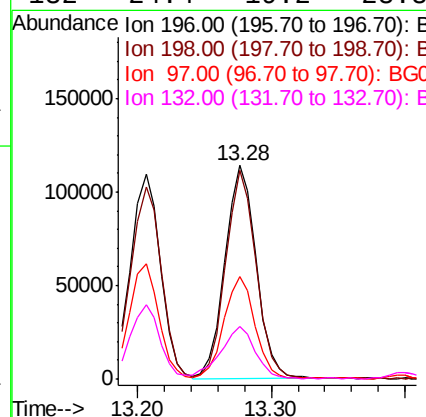
Instrument :
 BNA_G
 ClientSampleId :
 PB119477BS

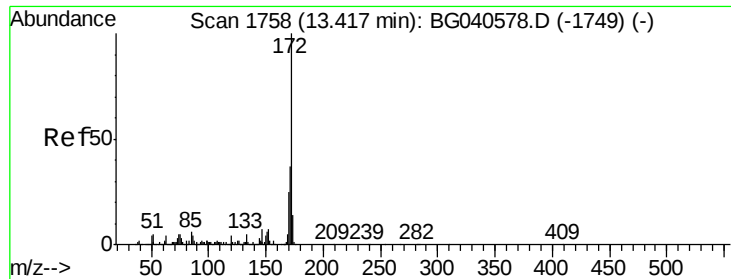
Tot Ion	196	Resp	170655
Ion Ratio	Lower	Upper	
196	100		
198	94.1	74.8	112.2
200	32.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.199 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Tgt Ion	196	Resp	187901
Ion Ratio	Lower	Upper	
196	100		
198	97.4	77.0	115.6
97	47.8	40.0	60.0
132	24.4	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 75.067 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

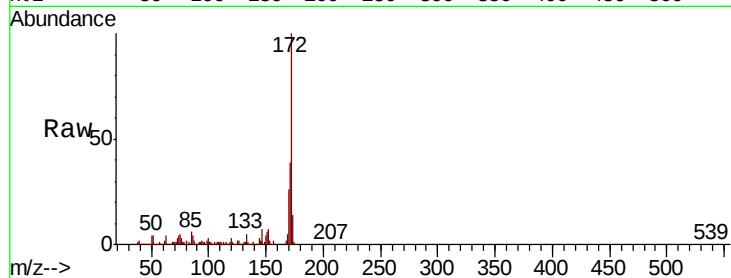
Tot Ion:172 Resp: 881120

Ion Ratio Lower Upper

172 100

171 39.1 29.4 44.2

170 25.7 19.9 29.9

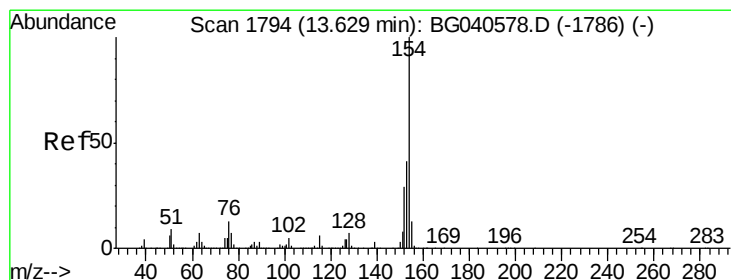
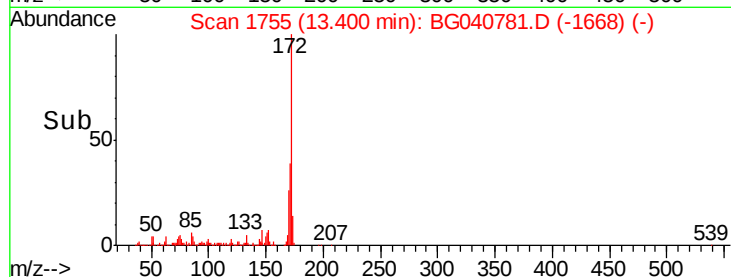
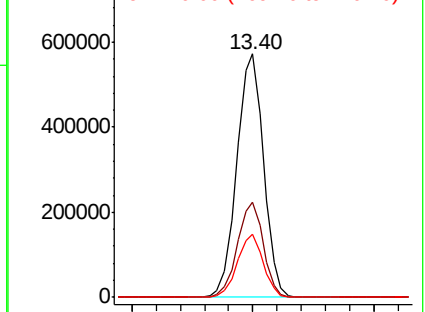


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 37.161 ng

RT: 13.61 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

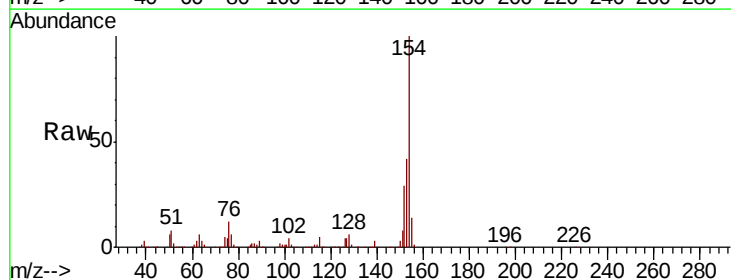
Tgt Ion:154 Resp: 489095

Ion Ratio Lower Upper

154 100

153 41.9 20.5 60.5

76 11.9 0.0 32.5

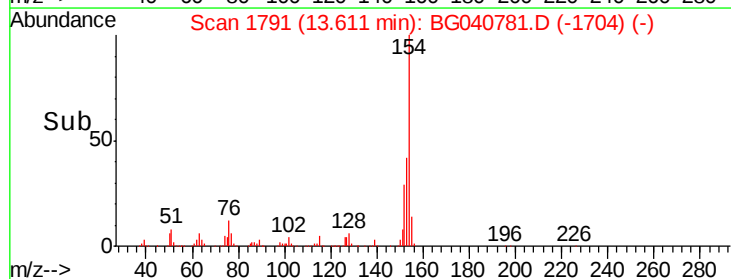
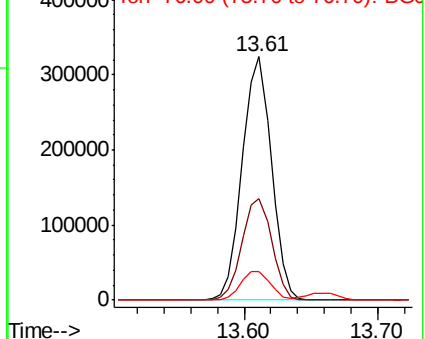


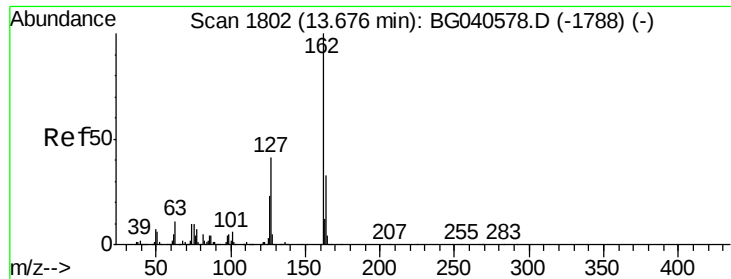
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

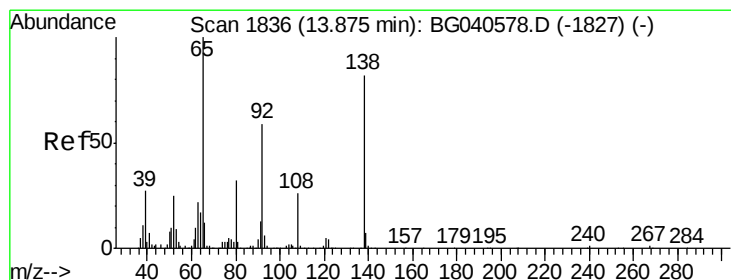
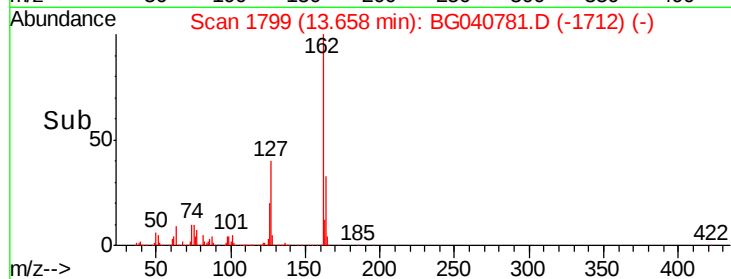
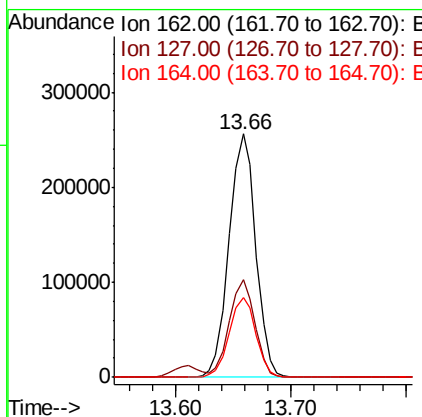
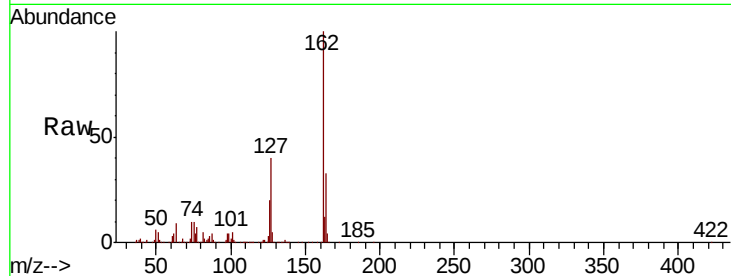




#47
 2-Chloronaphthalene
 Concen: 39.782 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

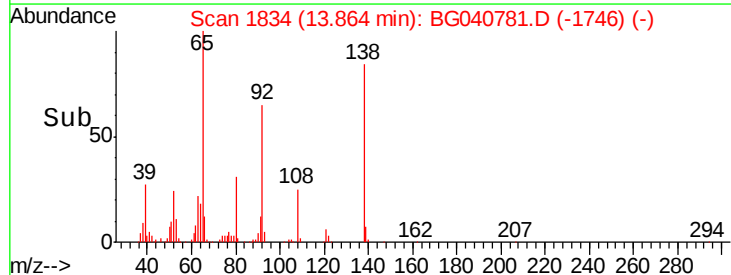
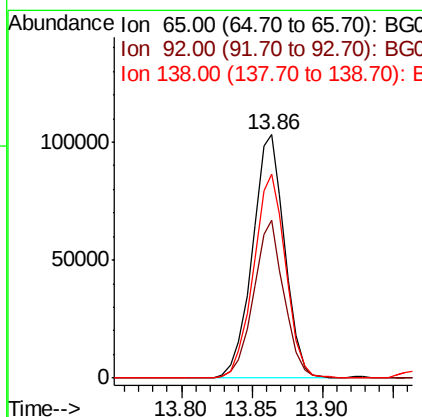
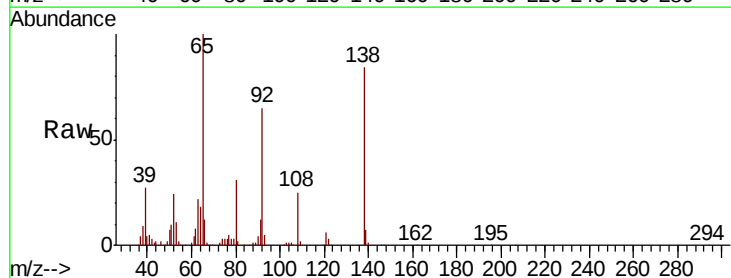
Instrument :
 BNA_G
 ClientSampleId :
 PB119477BS

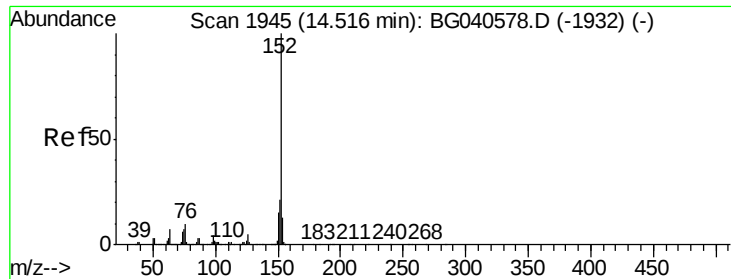
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.0	49.4
164	32.8	26.8	40.2



#48
 2-Nitroaniline
 Concen: 45.072 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	47.4	71.0
138	83.6	66.1	99.1





#49

Acenaphthylene

Concen: 36.436 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

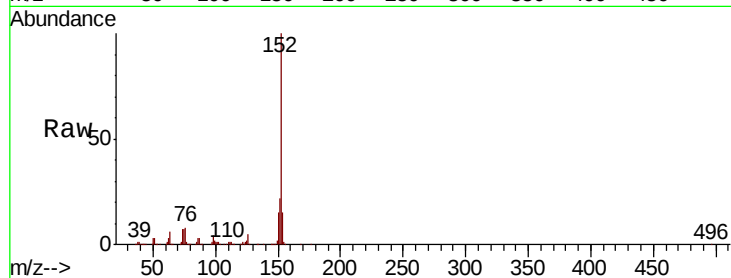
Tot Ion:152 Resp: 636727

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

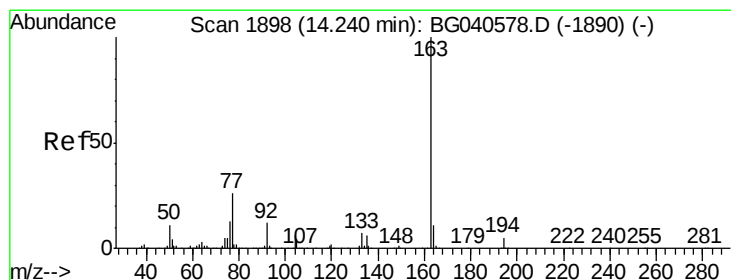
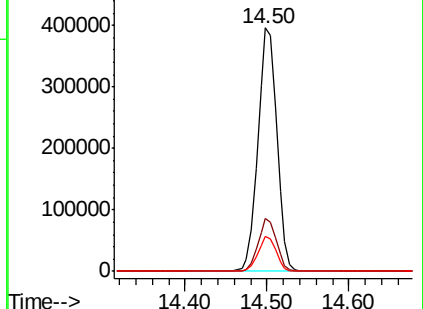
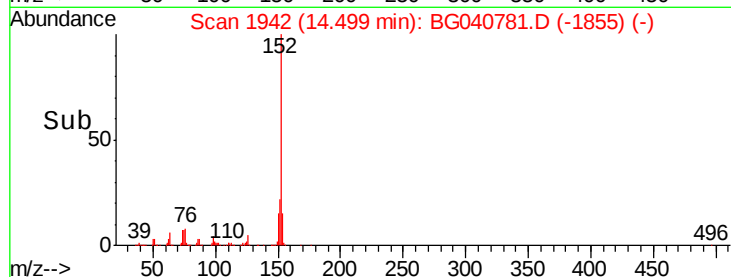
153 14.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.189 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

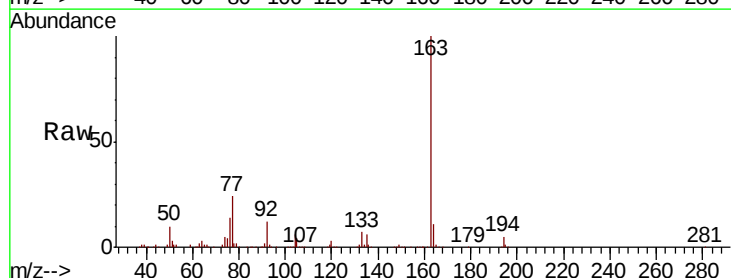
Tgt Ion:163 Resp: 541636

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

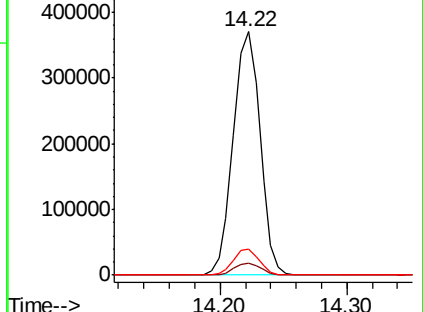
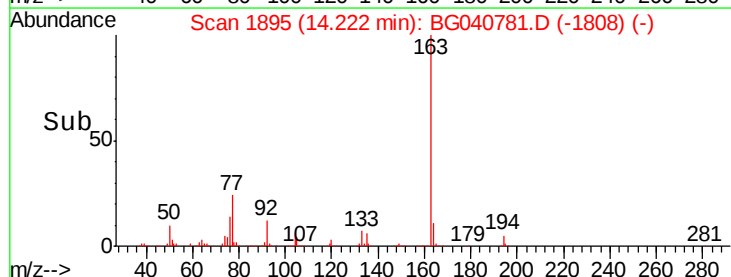
164 10.5 8.8 13.2

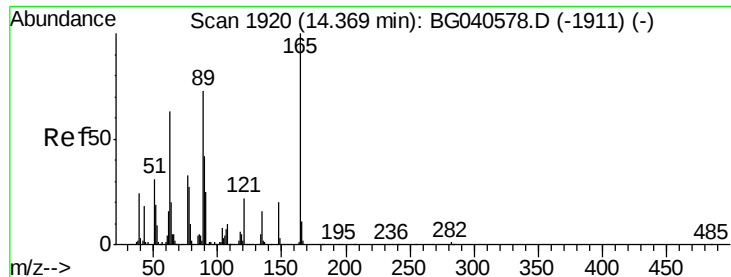


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.059 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

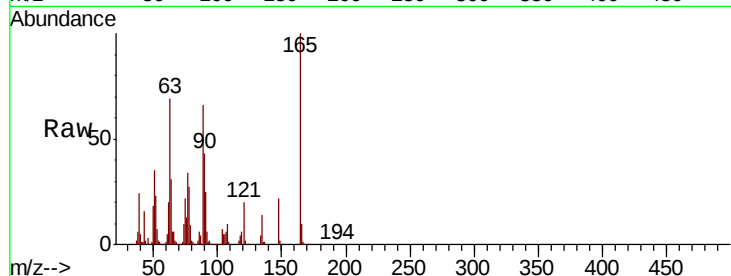
Tot Ion:165 Resp: 121961

Ion Ratio Lower Upper

165 100

63 69.3 61.0 91.4

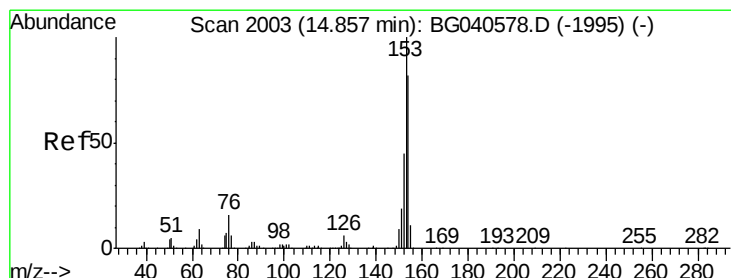
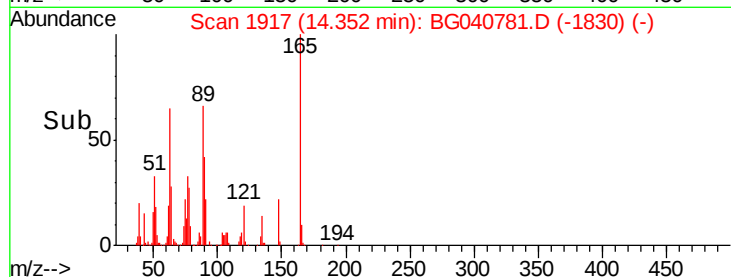
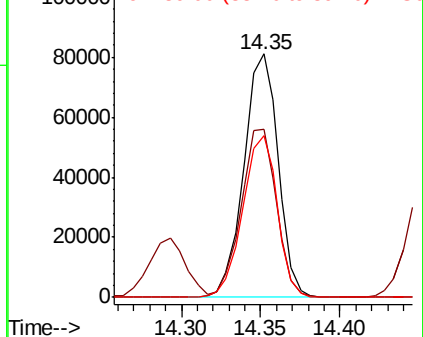
89 66.4 58.6 87.8



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: 36.988 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

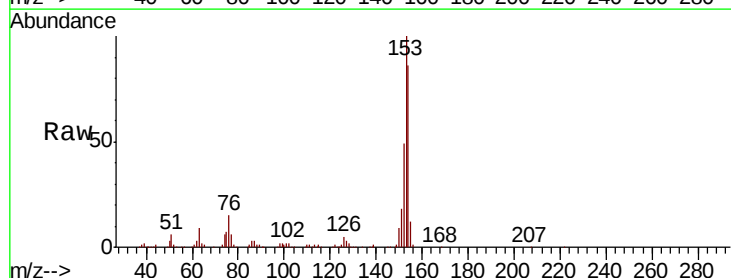
Tgt Ion:154 Resp: 376422

Ion Ratio Lower Upper

154 100

153 116.5 97.0 145.6

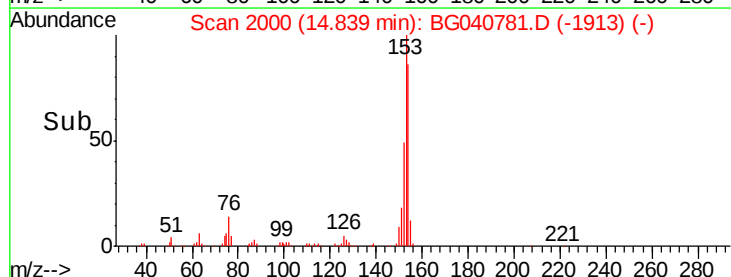
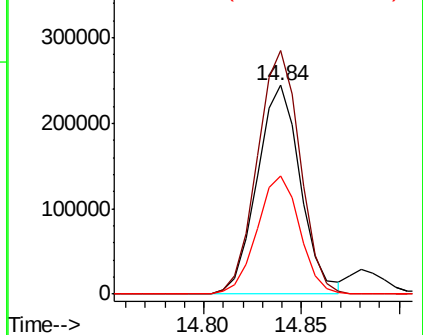
152 56.8 44.1 66.1

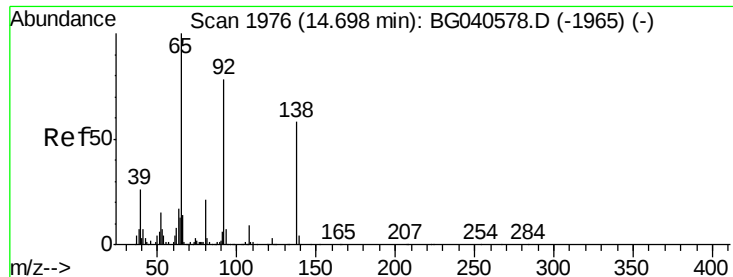


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

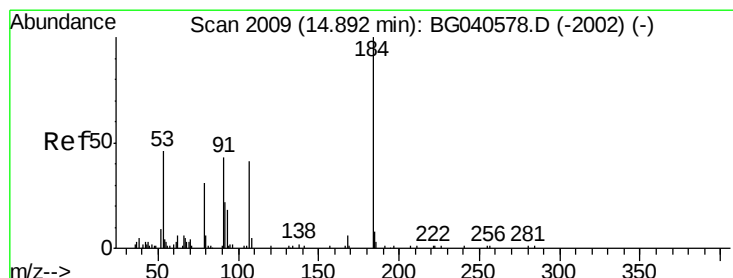
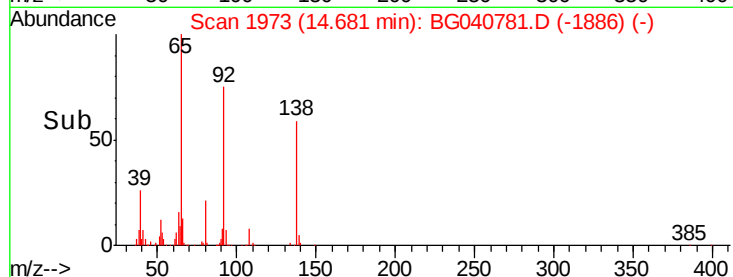
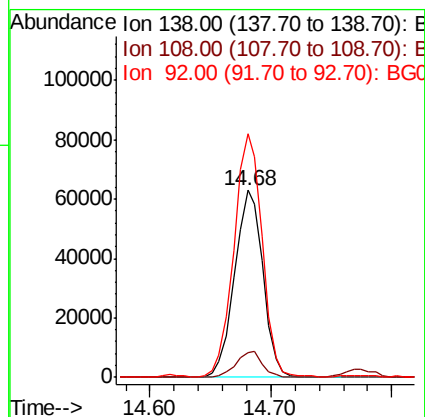
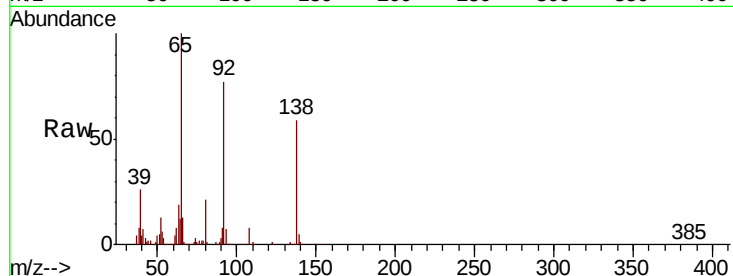




#53
 3-Nitroaniline
 Concen: 36.306 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

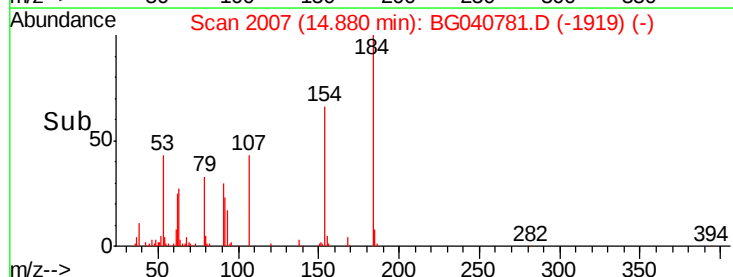
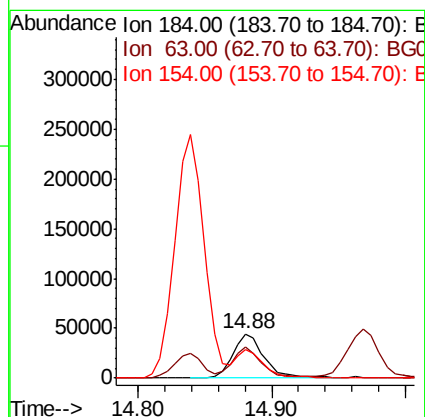
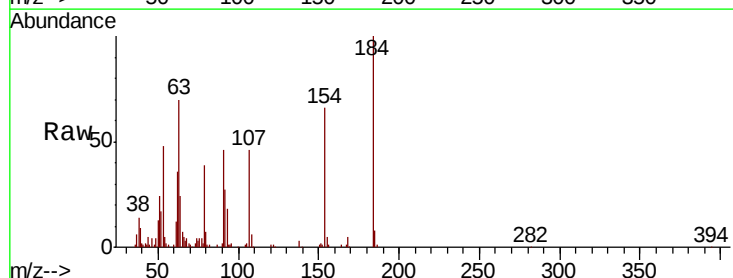
Instrument :
 BNA_G
 ClientSampleId :
 PB119477BS

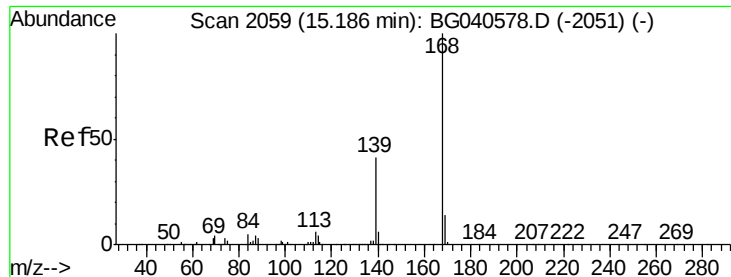
Tot Ion:138 Resp: 102973
 Ion Ratio Lower Upper
 138 100
 108 13.3 12.4 18.6
 92 130.4 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 49.478 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Tgt Ion:184 Resp: 72665
 Ion Ratio Lower Upper
 184 100
 63 70.2 51.8 77.6
 154 66.2 43.6 65.4#





#55

Dibenzofuran

Concen: 39.223 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

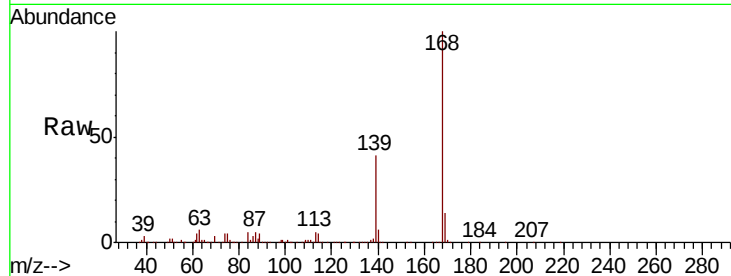
Tot Ion:168 Resp: 653811

Ion Ratio Lower Upper

168 100

139 40.9 33.0 49.4

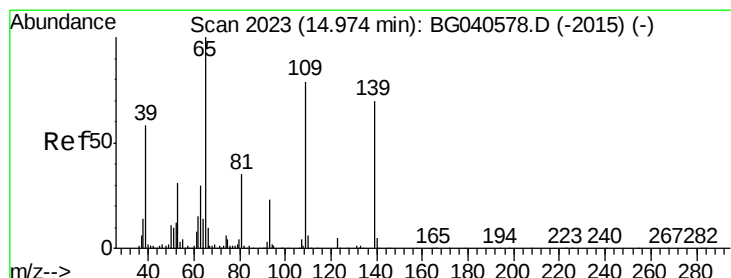
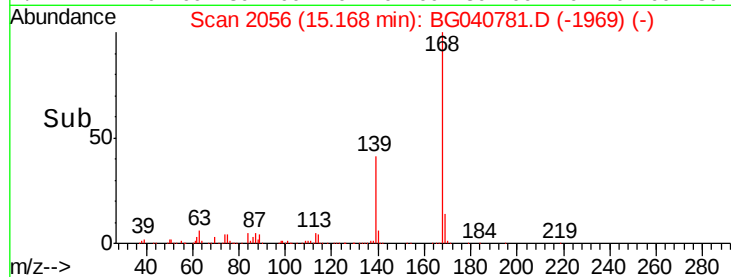
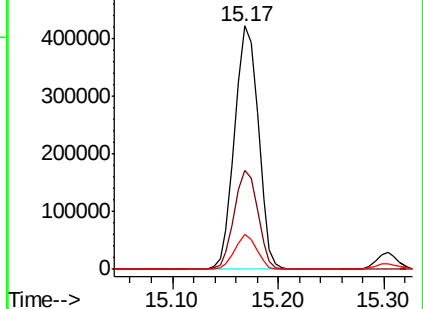
169 14.3 11.0 16.4



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: 80.695 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

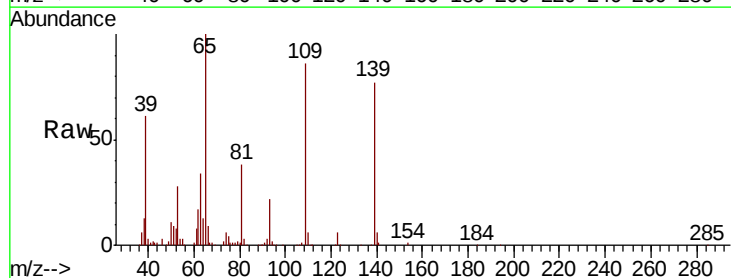
Tgt Ion:139 Resp: 198457

Ion Ratio Lower Upper

139 100

109 111.5 93.8 133.8

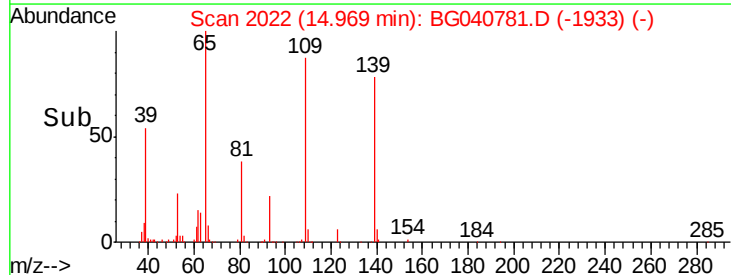
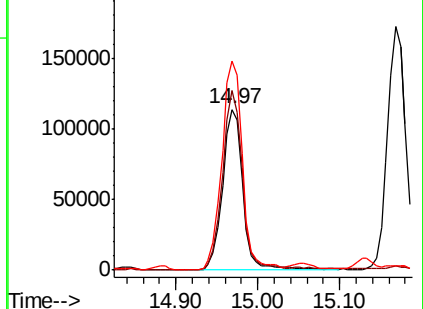
65 130.0 122.7 162.7

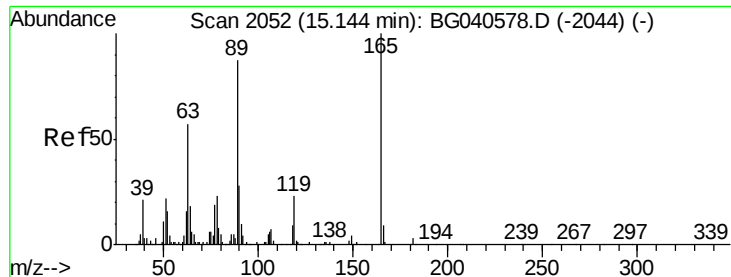


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

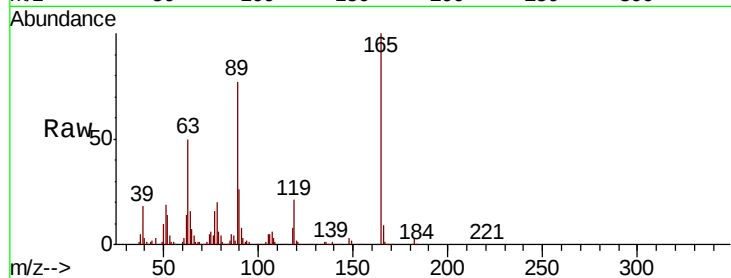




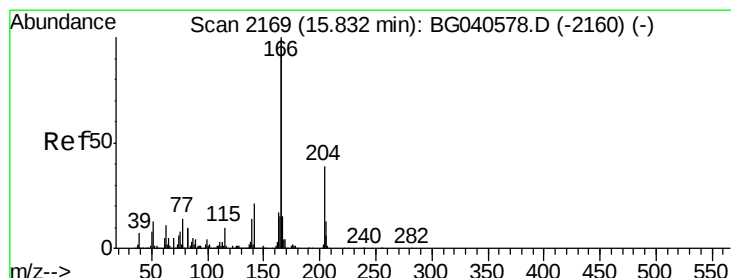
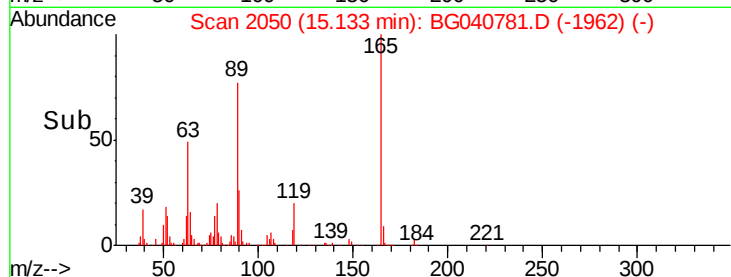
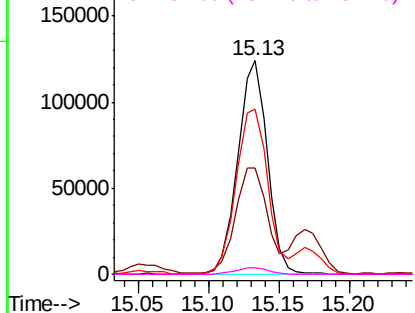
#57
 2,4-Dinitrotoluene
 Concen: 48.161 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Instrument :
 BNA_G
 ClientSampleId :
 PB119477BS

Tot Ion:165	Resp:	181154
Ion Ratio	Lower	Upper
165 100		
63 49.7	45.8	68.8
89 77.4	69.4	104.2
182 2.8	2.2	3.4

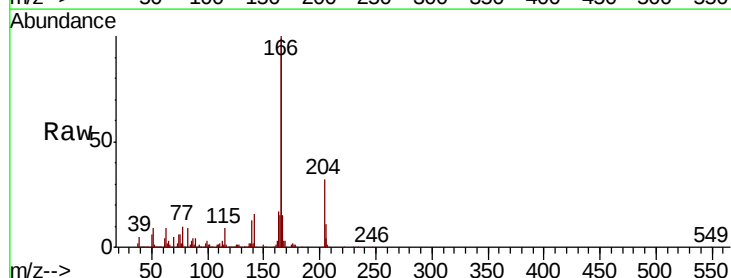


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

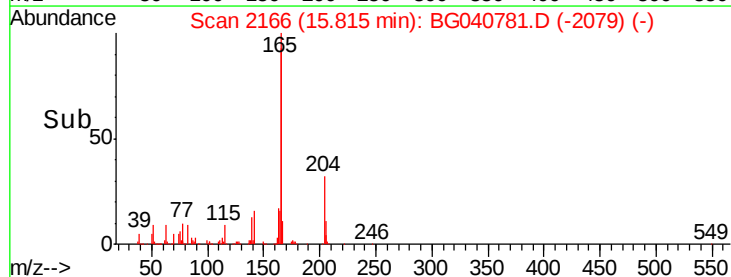
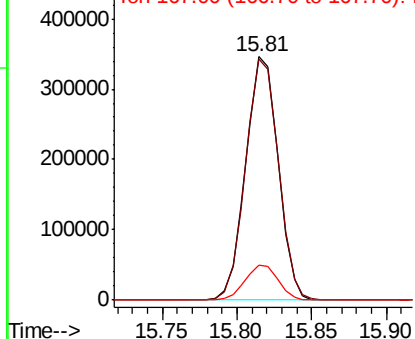


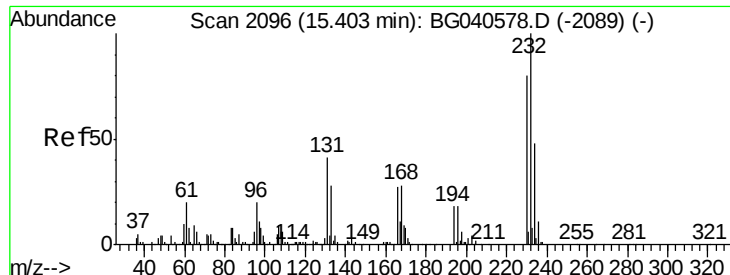
#58
 Fluorene
 Concen: 38.650 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Tgt	Ion:166	Resp:	520728
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.6	119.4
167	14.6	12.2	18.2



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

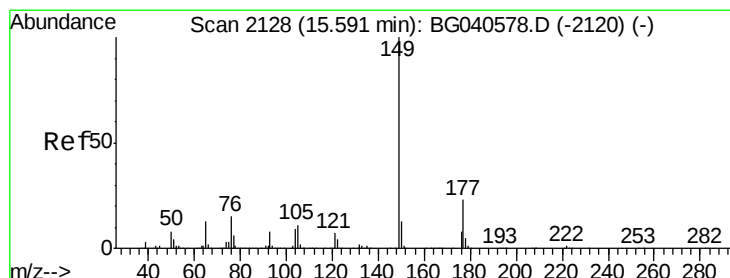
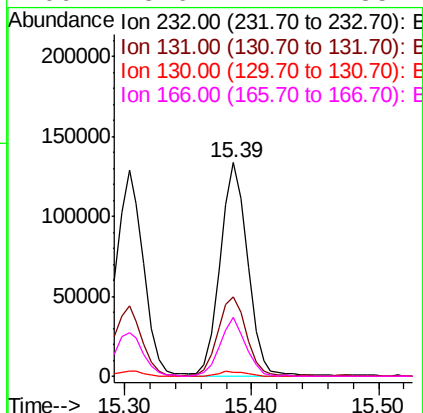
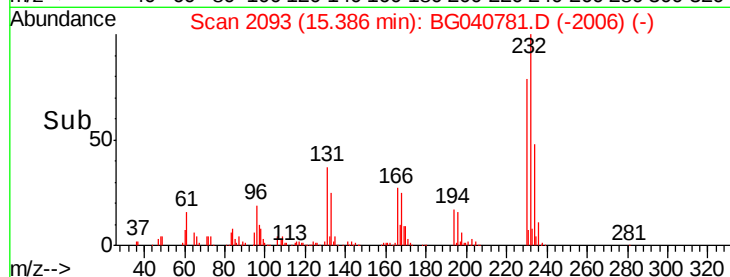
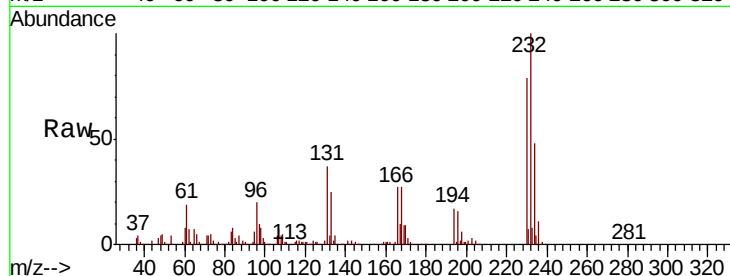




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.775 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

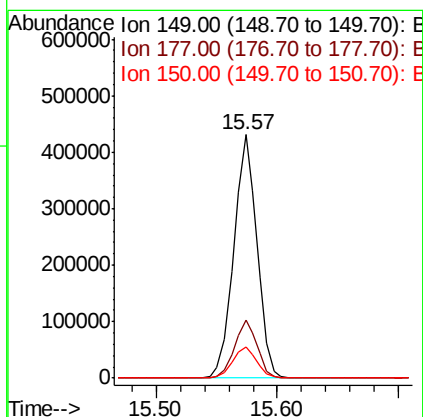
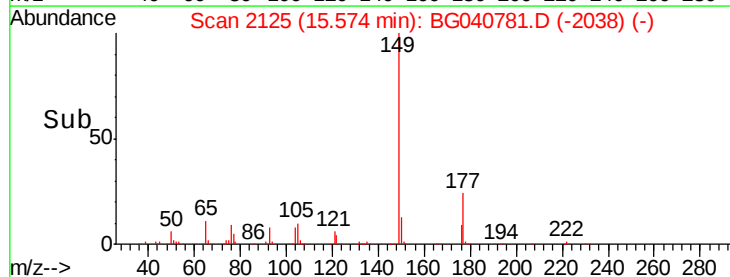
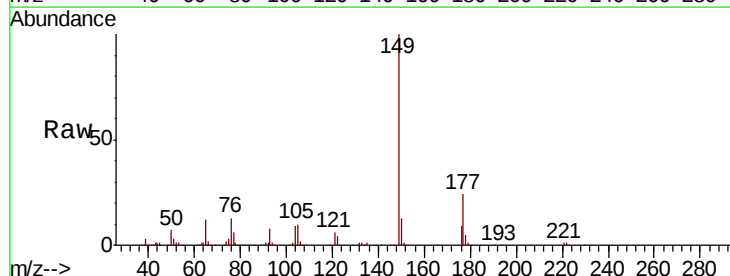
Instrument :
 BNA_G
 ClientSampleId :
 PB119477BS

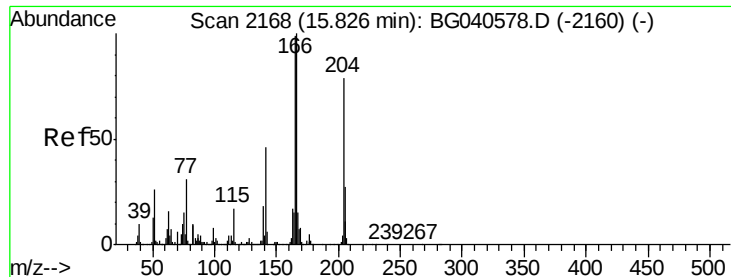
Tot Ion:232	Resp:	199904
Ion	Ratio	Lower Upper
232	100	
131	38.4	33.0 49.4
130	2.4	2.0 3.0
166	25.6	22.1 33.1



#60
 Diethylphthalate
 Concen: 38.389 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Tgt Ion:149	Resp:	574476
Ion	Ratio	Lower Upper
149	100	
177	24.0	18.5 27.7
150	12.6	10.2 15.4

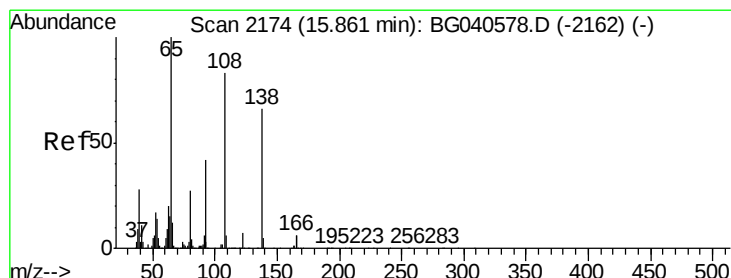
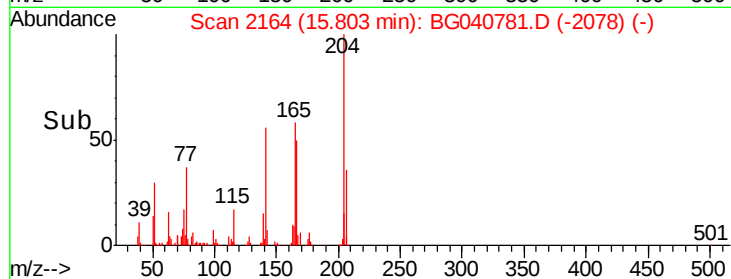
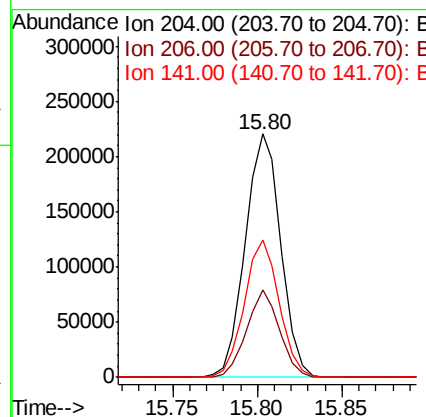
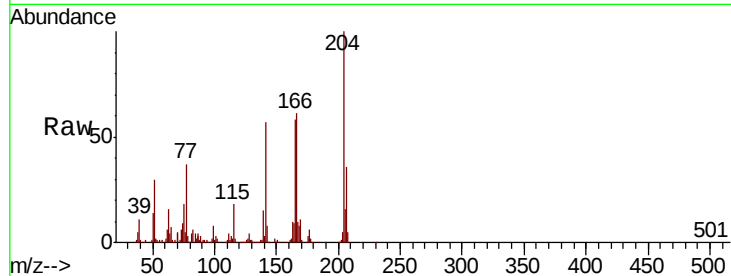




#61
4-Chlorophenyl-phenylether
Concen: 40.978 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

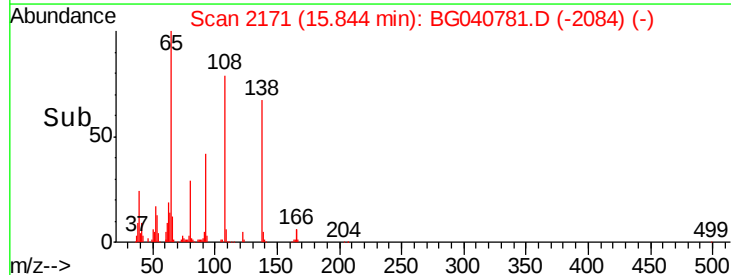
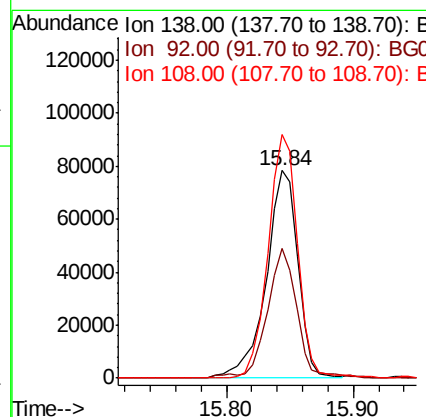
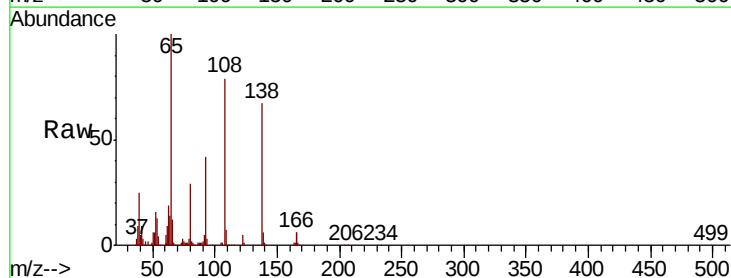
Instrument :
BNA_G
ClientSampleId :
PB119477BS

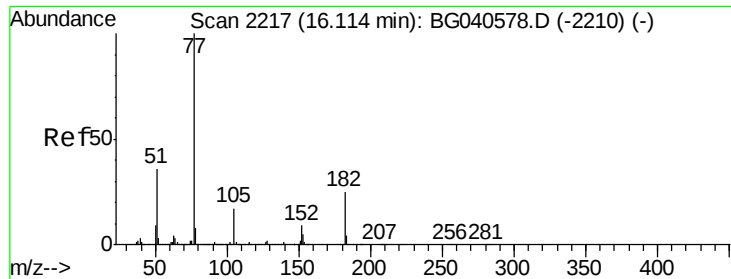
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	27.4	41.2
141	56.7	46.0	69.0



#62
4-Nitroaniline
Concen: 42.870 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.5	43.9	83.9
108	117.5	106.5	146.5

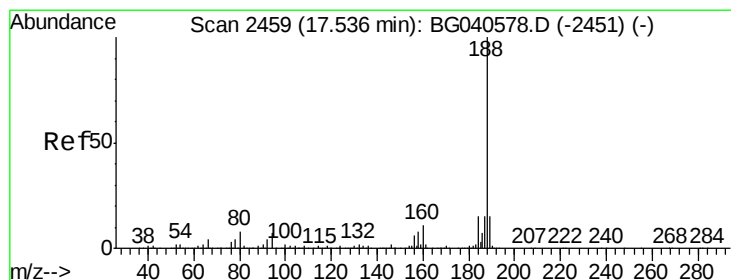
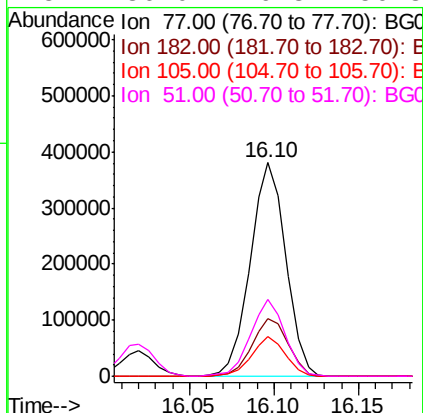
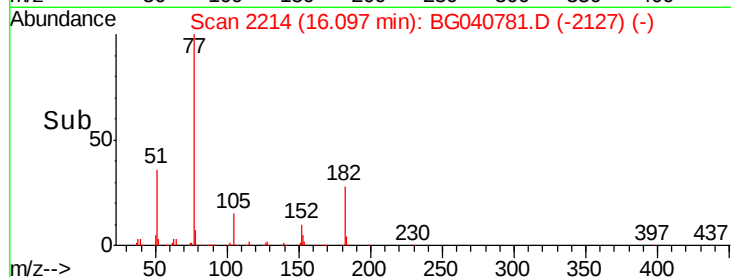
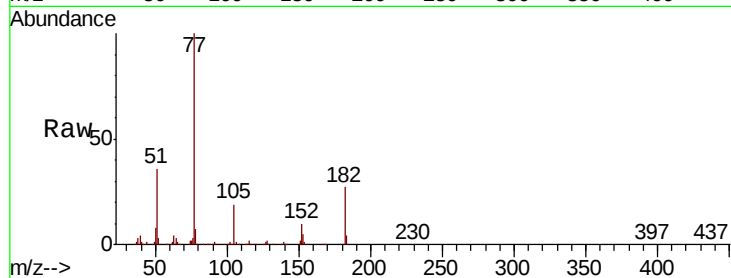




#63
Azobenzene
Concen: 36.003 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

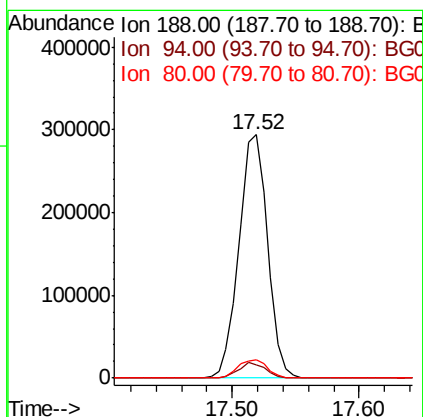
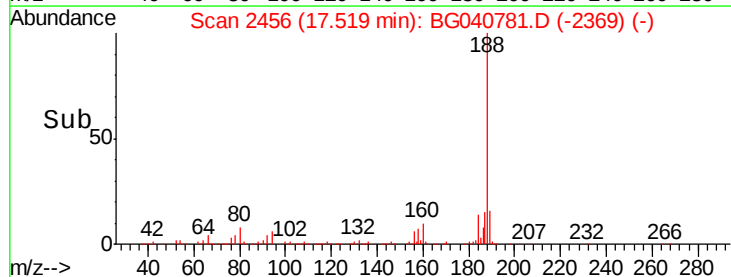
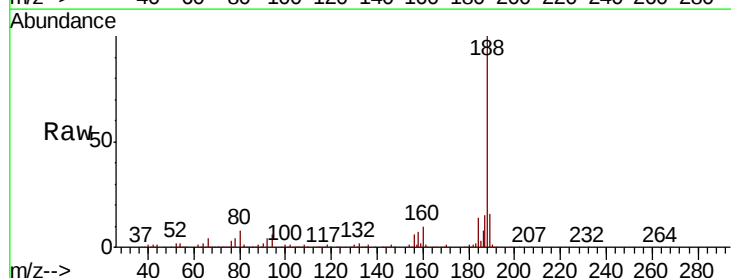
Instrument :
BNA_G
ClientSampleId :
PB119477BS

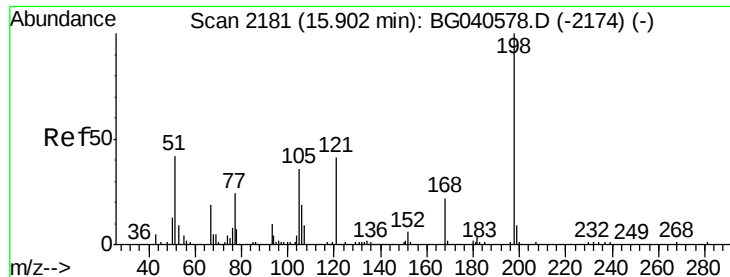
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	5.0	45.0
105	18.7	0.0	37.6
51	36.0	16.3	56.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.6	8.4#
80	7.7	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 36.738 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

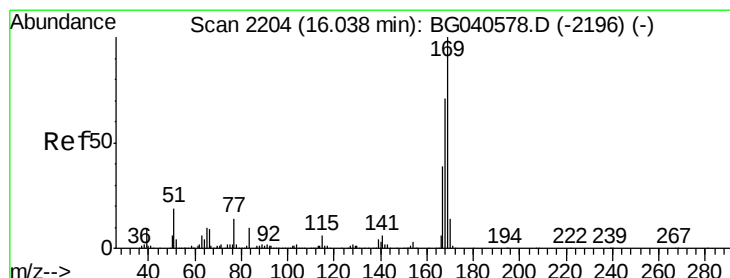
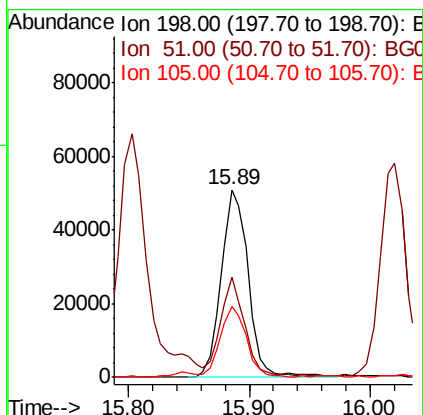
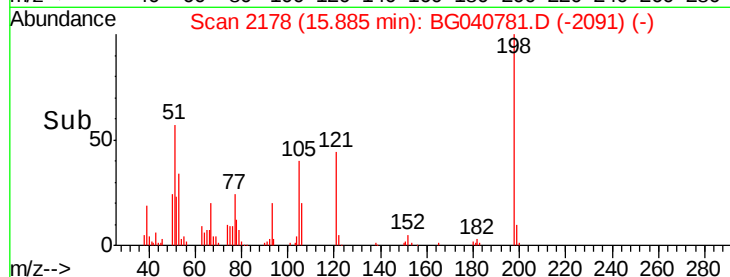
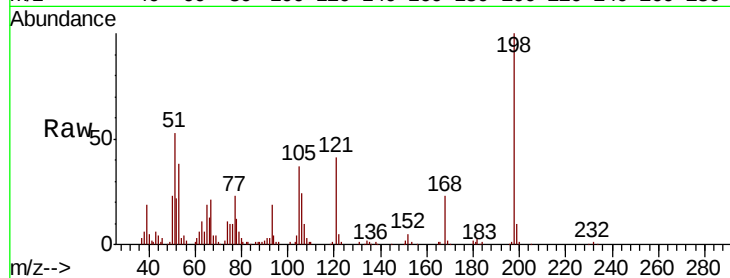
BNA_G

ClientSampleId :

PB119477BS

Tot Ion:198 Resp: 78840

Ion	Ratio	Lower	Upper
198	100		
51	53.2	35.9	75.9
105	37.4	21.2	61.2



#66

n-Nitrosodiphenylamine

Concen: 36.428 ng

RT: 16.02 min Scan# 2201

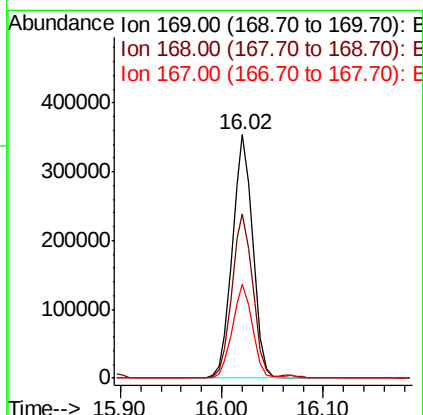
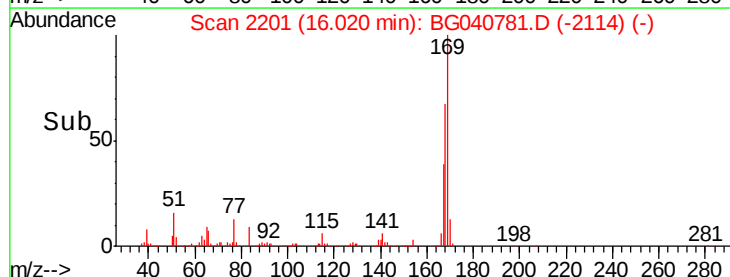
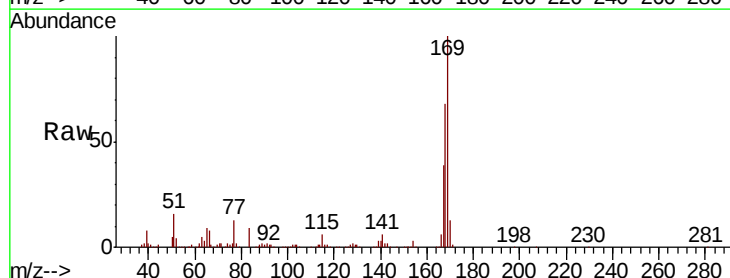
Delta R.T. -0.02 min

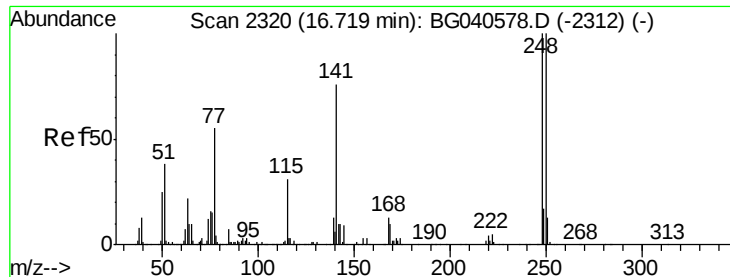
Lab File: BG040781.D

Acq: 8 May 2019 00:14

Tgt Ion:169 Resp: 493027

Ion	Ratio	Lower	Upper
169	100		
168	67.6	56.8	85.2
167	38.7	31.4	47.0

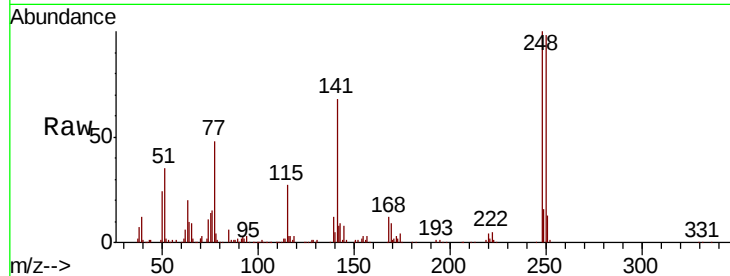




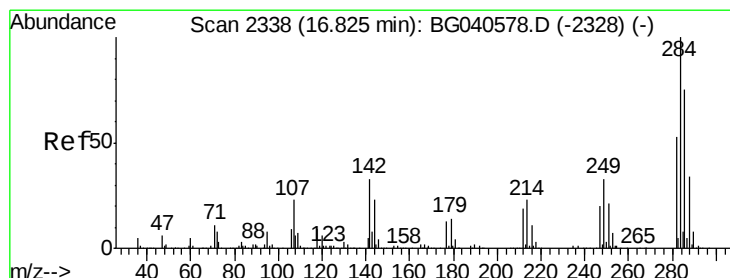
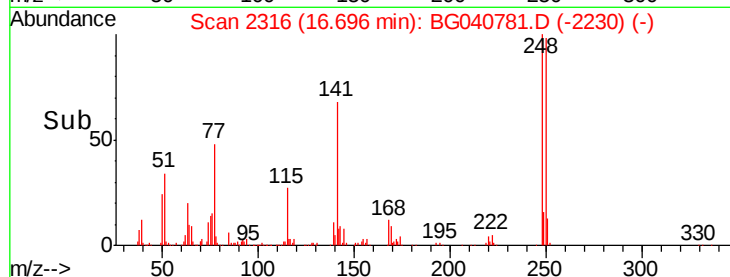
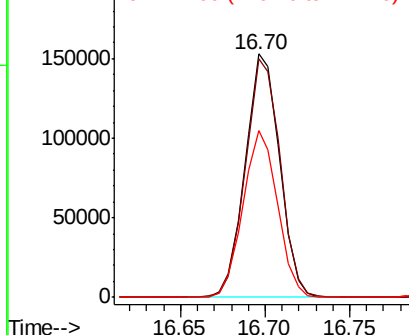
#67
4-Bromophenyl-phenylether
Concen: 37.890 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Instrument :
BNA_G
ClientSampleId :
PB119477BS

Tot Ion:248 Resp: 217157
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.6
141 68.5 60.8 91.2

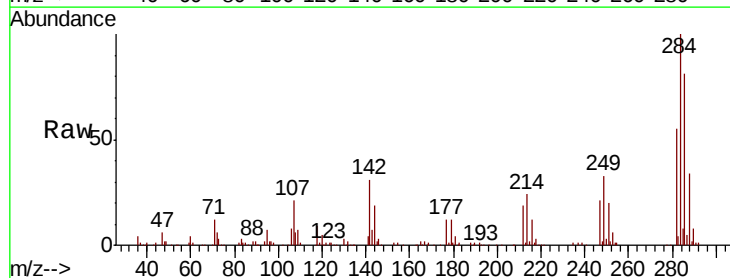


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

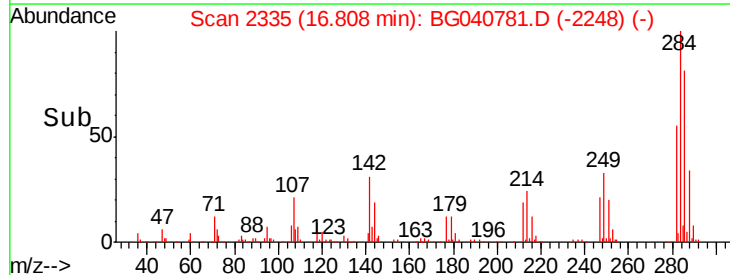
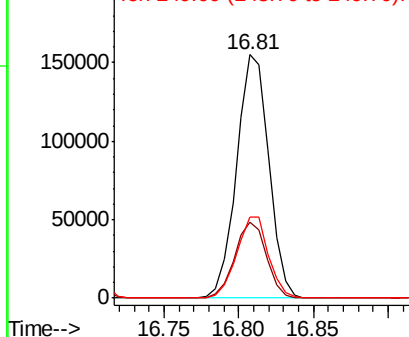


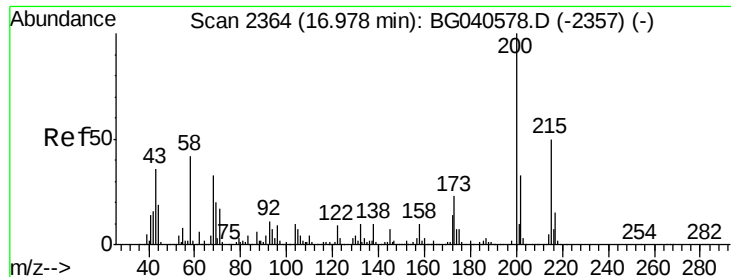
#68
Hexachlorobenzene
Concen: 39.215 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion:284 Resp: 232390
Ion Ratio Lower Upper
284 100
142 31.1 26.6 40.0
249 33.2 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

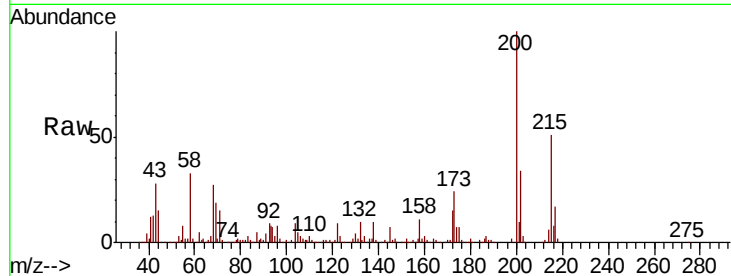




#69
 Atrazine
 Concen: 38.727 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Instrument :
 BNA_G
 ClientSampleId :
 PB119477BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	2.8	42.8
215	51.4	30.2	70.2

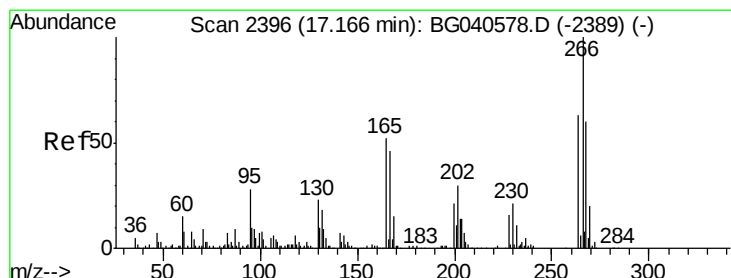
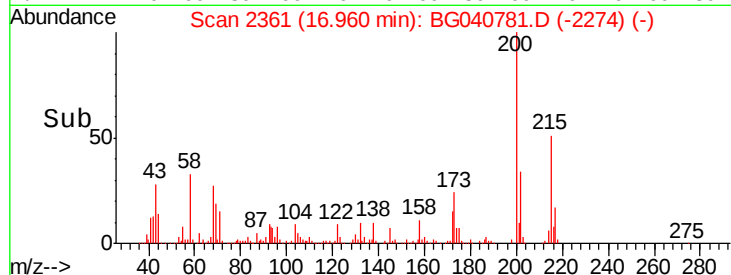
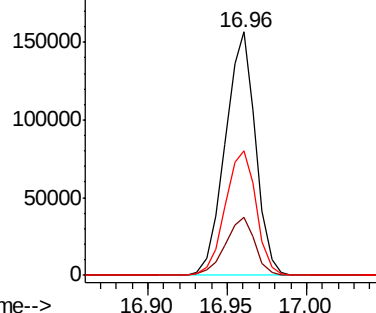


Abundance

Ion 200.00 (199.70 to 200.70): E

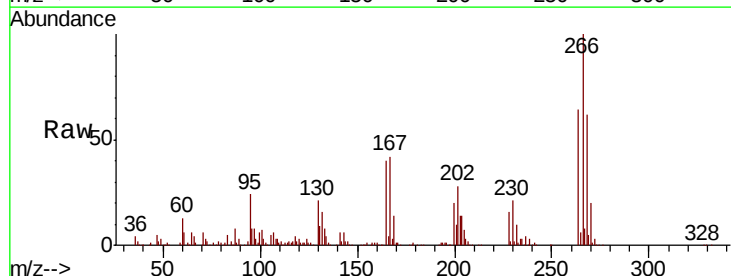
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 79.245 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	52.3	78.5
264	63.7	50.0	75.0

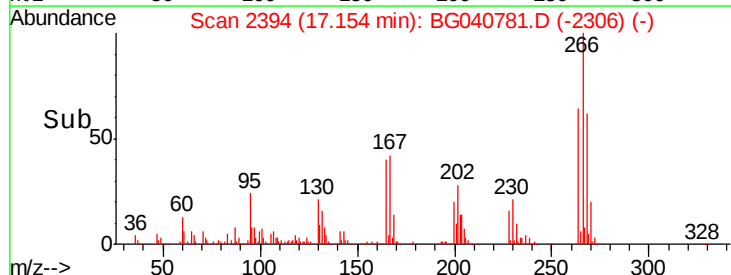
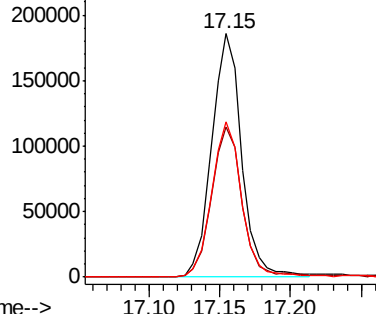


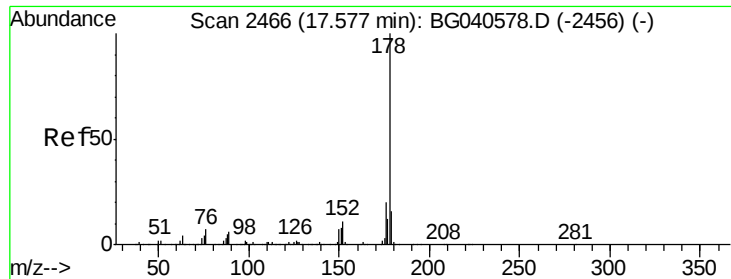
Abundance

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: 38.006 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

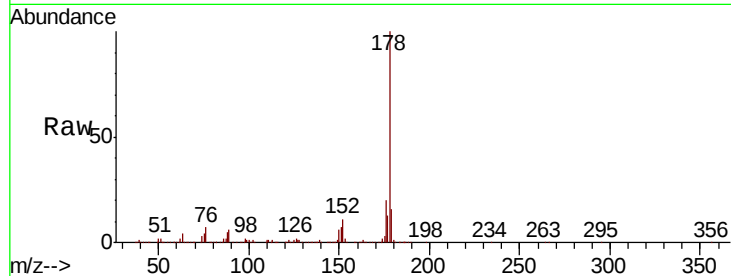
Tot Ion:178 Resp: 941707

Ion Ratio Lower Upper

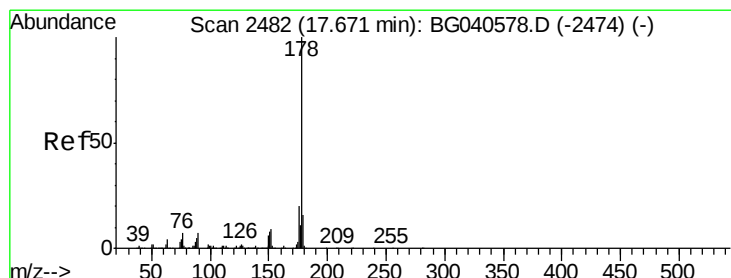
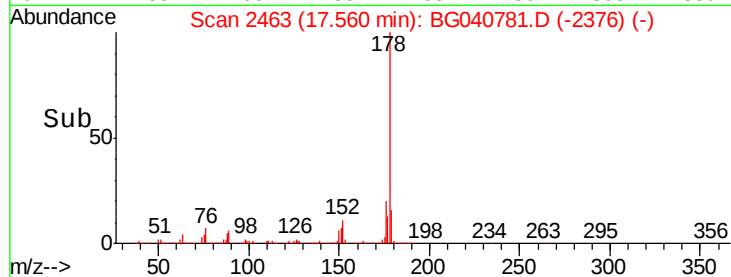
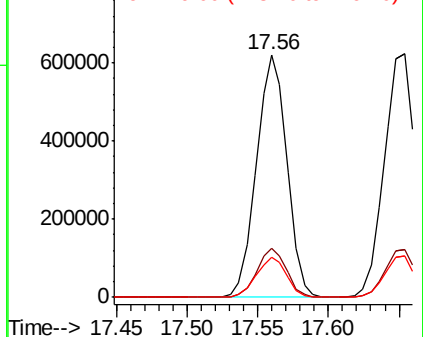
178 100

176 20.4 15.8 23.6

179 16.3 12.6 18.8



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



#72

Anthracene

Concen: 38.404 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

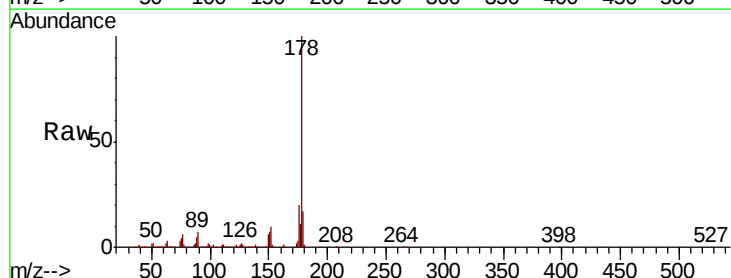
Tgt Ion:178 Resp: 956480

Ion Ratio Lower Upper

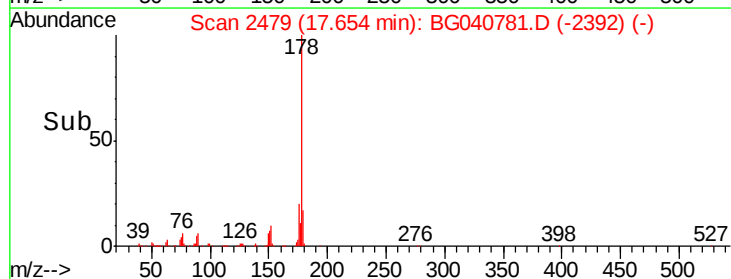
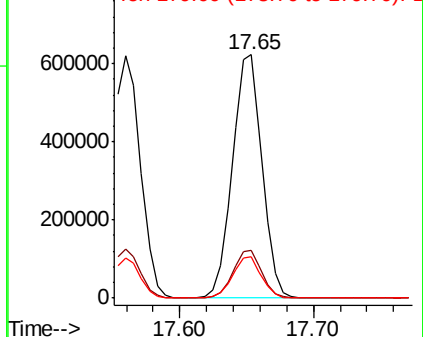
178 100

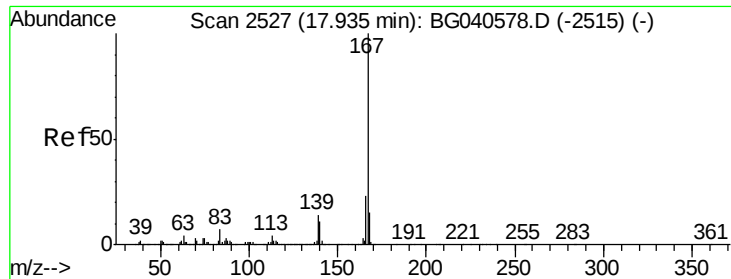
176 19.7 15.6 23.4

179 16.7 12.9 19.3



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

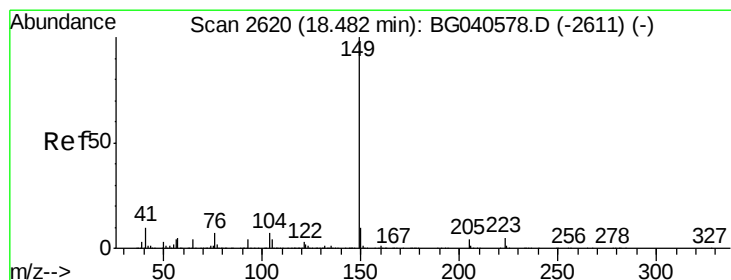
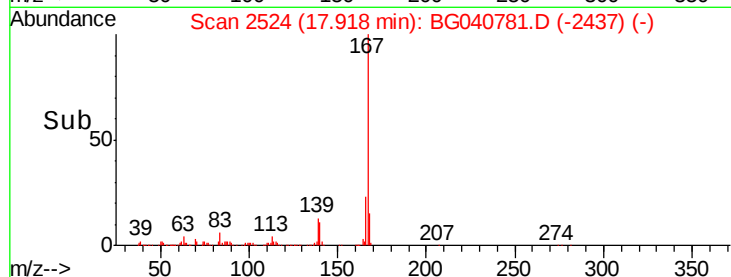
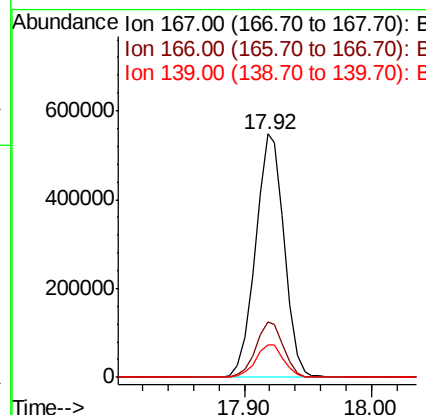
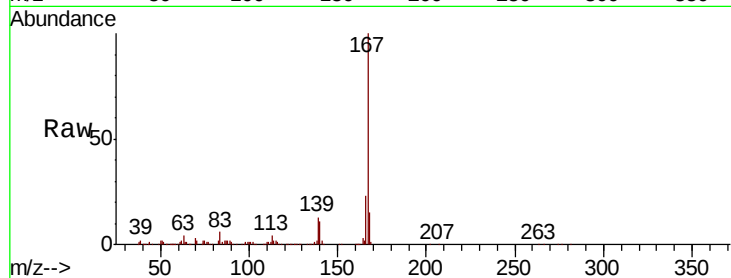




#73
 Carbazole
 Concen: 37.889 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

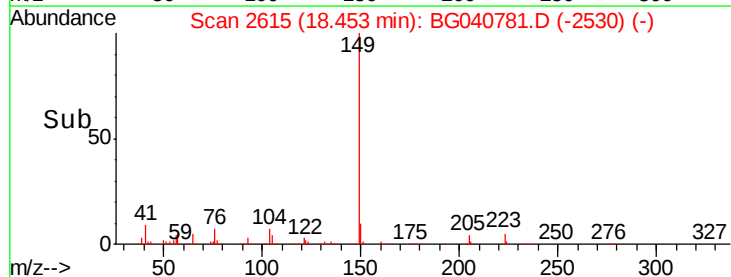
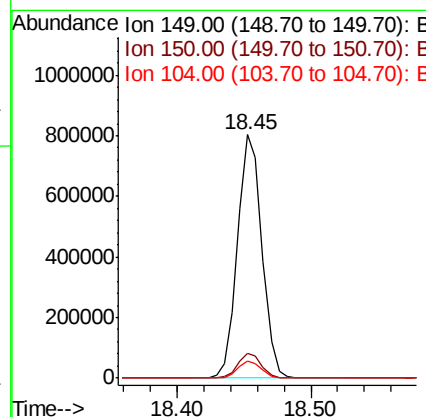
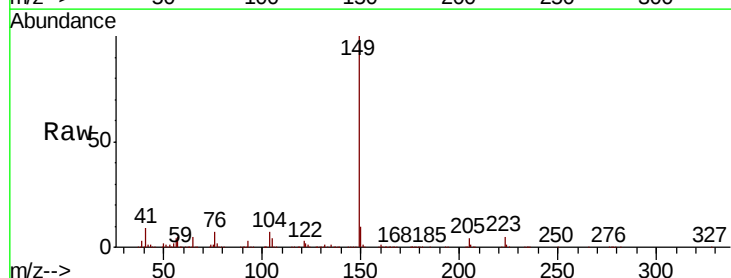
Instrument :
 BNA_G
 ClientSampleId :
 PB119477BS

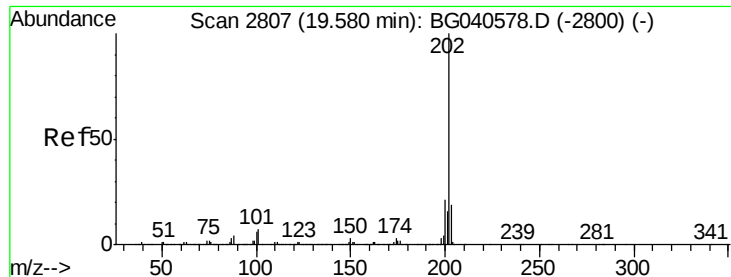
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.5	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 37.360 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040781.D
 Acq: 8 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	7.0	5.4	8.2





#75

Fluoranthene

Concen: 40.629 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

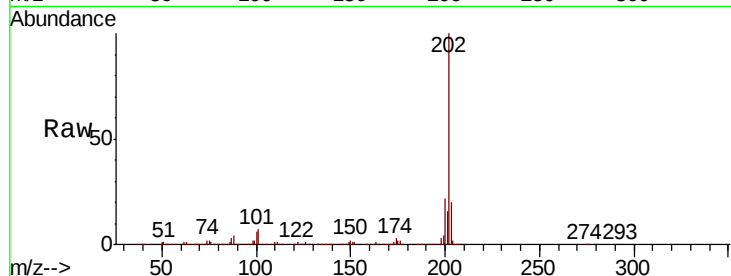
Tot Ion:202 Resp: 1254516

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.5

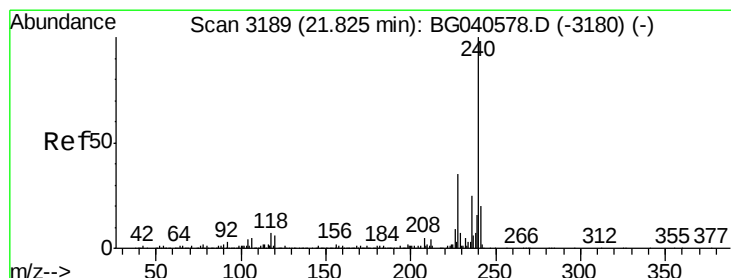
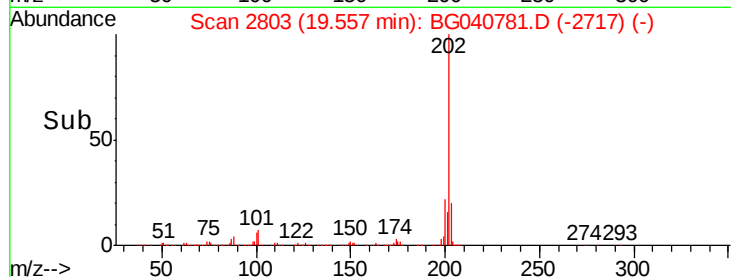
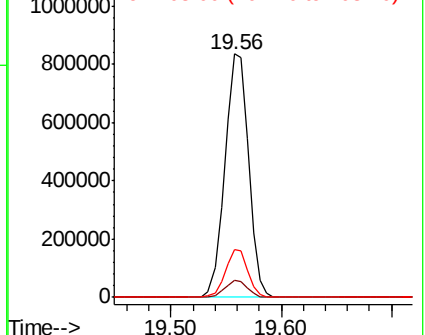
203 19.5 0.0 39.3



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: BG040781.D

Acq: 8 May 2019 00:14

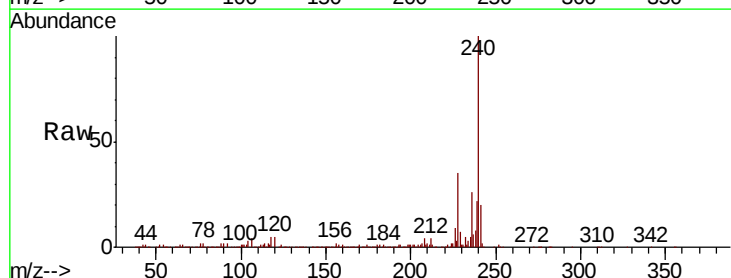
Tgt Ion:240 Resp: 474631

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.6

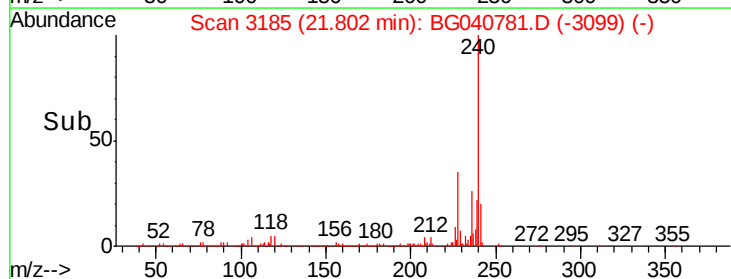
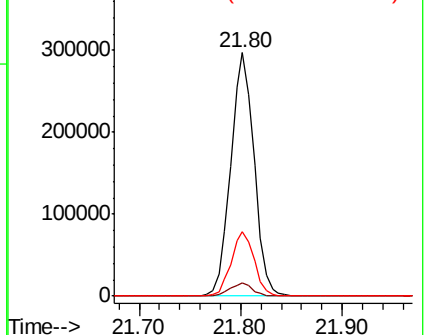
236 26.4 20.3 30.5

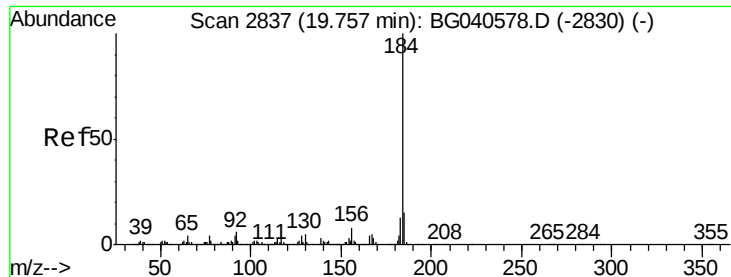


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

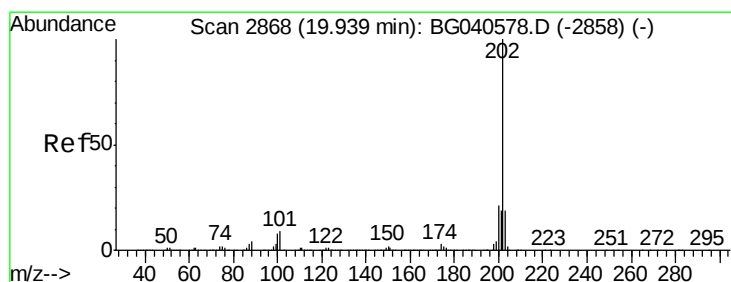
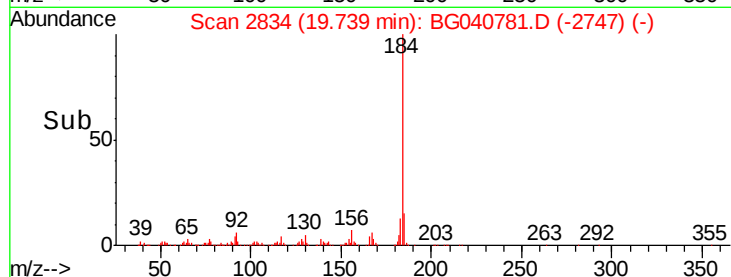
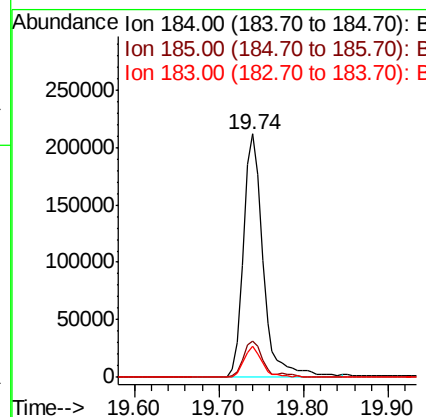
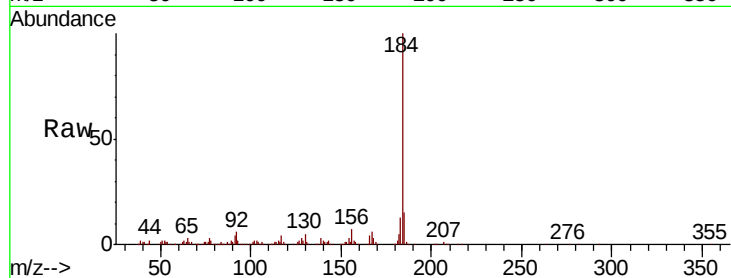




#77
Benzidine
Concen: 26.139 ng
RT: 19.74 min Scan# 2834
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

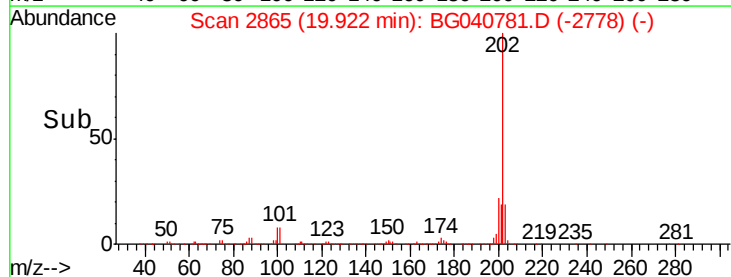
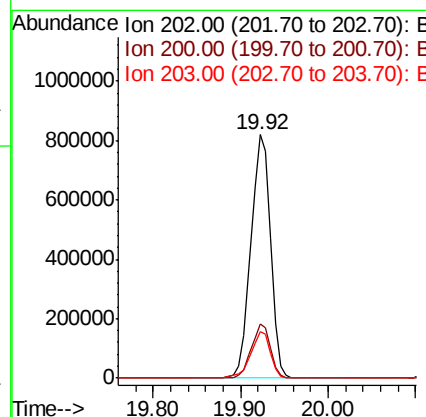
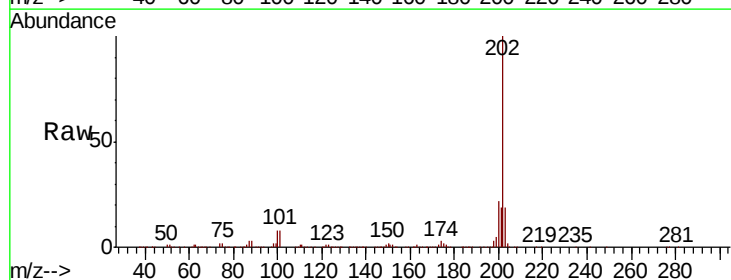
Instrument :
BNA_G
ClientSampled :
PB119477BS

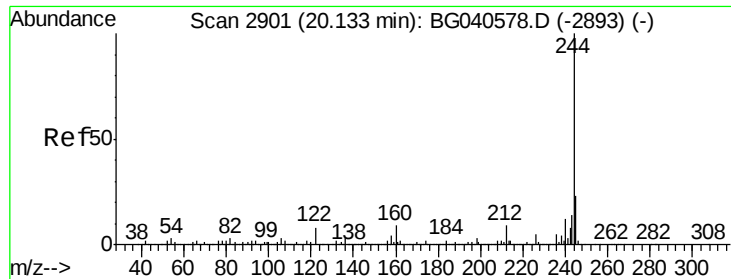
Tot Ion:184 Resp: 339697
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 13.0 10.2 15.2



#78
Pyrene
Concen: 41.776 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.02 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion:202 Resp: 1242749
Ion Ratio Lower Upper
202 100
200 22.1 17.2 25.8
203 19.1 15.0 22.4





#79

Terphenyl-d14

Concen: 83.129 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

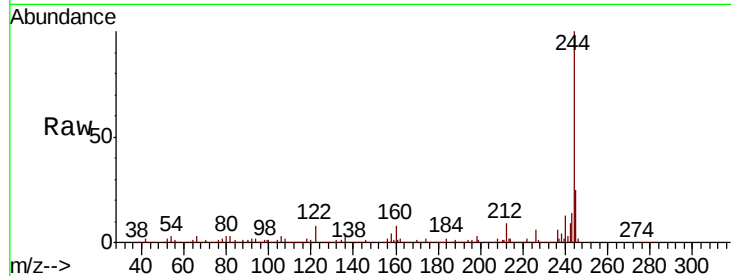
Tot Ion:244 Resp: 1780944

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

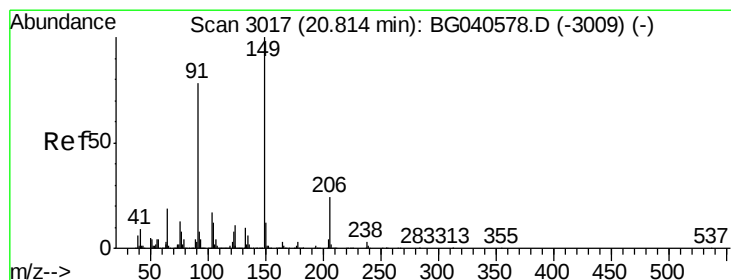
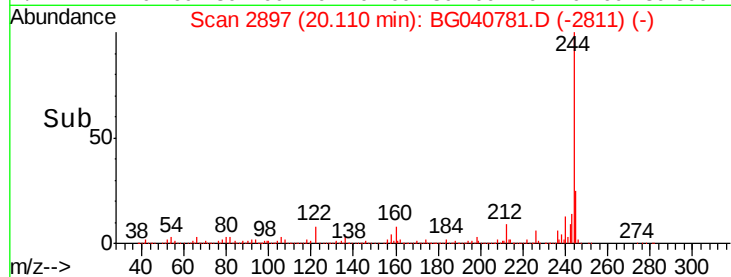
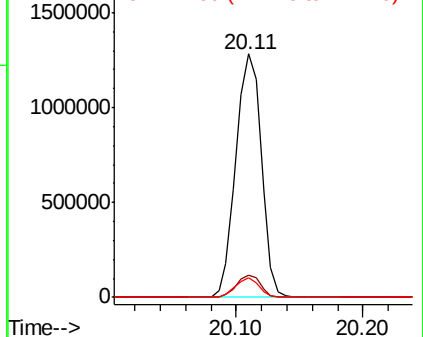
122 7.9 6.6 10.0



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: 41.371 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

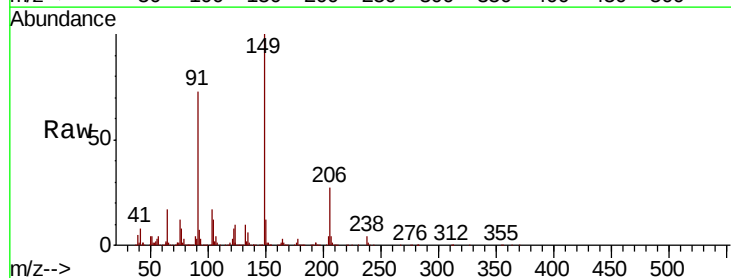
Tgt Ion:149 Resp: 479667

Ion Ratio Lower Upper

149 100

91 72.9 62.6 93.8

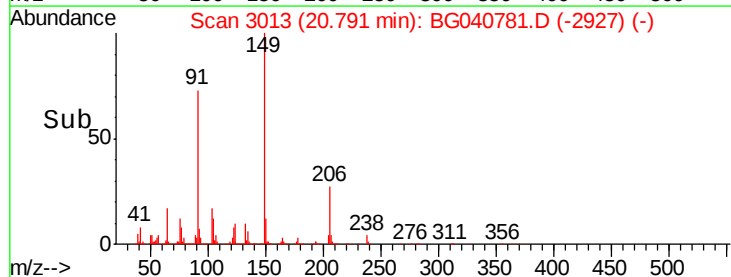
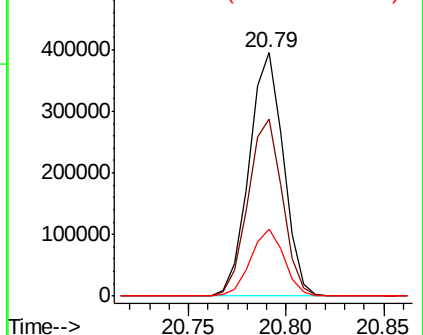
206 27.4 19.4 29.2

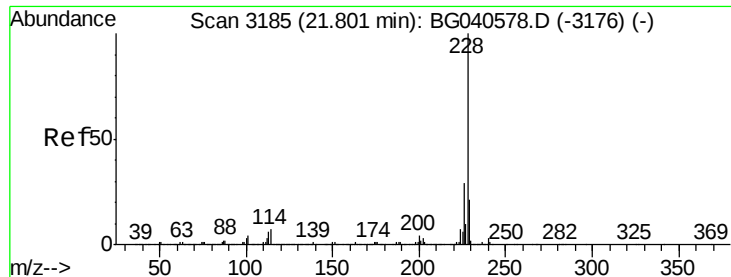


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.085 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA_G

ClientSampleId :

PB119477BS

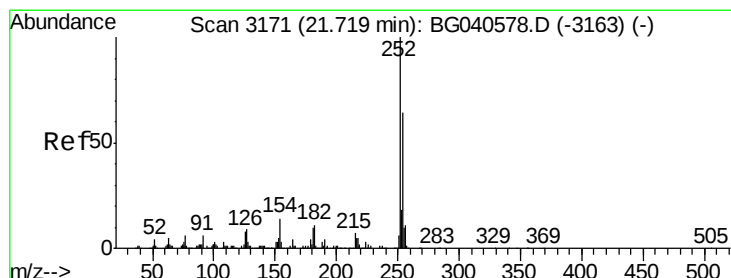
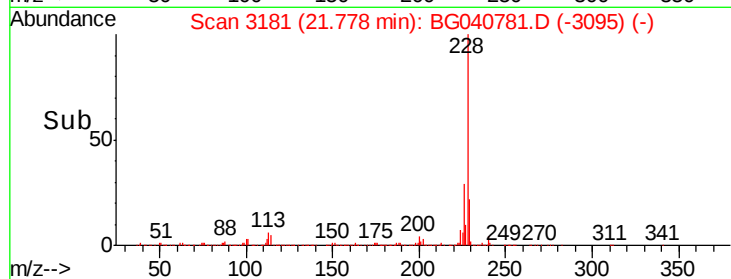
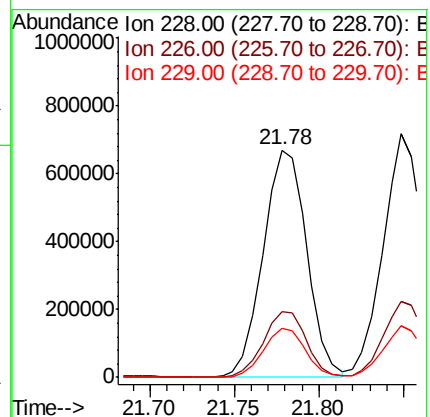
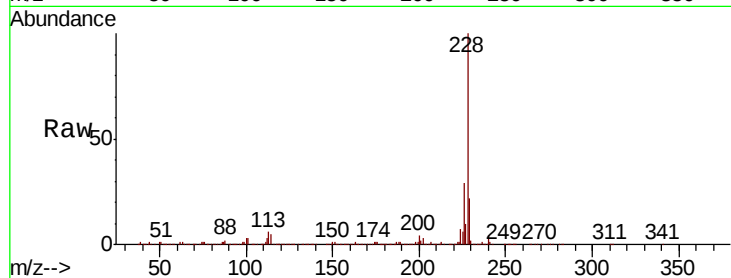
Tot Ion:228 Resp: 1202443

Ion Ratio Lower Upper

228 100

226 29.1 23.1 34.7

229 21.7 17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 33.323 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

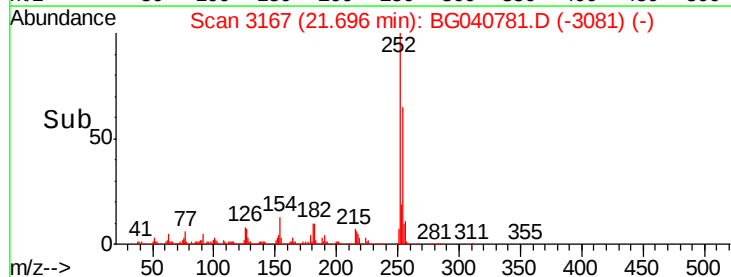
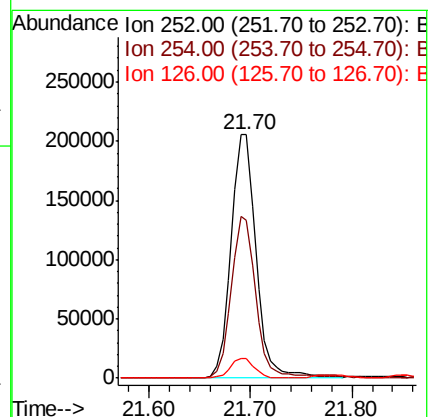
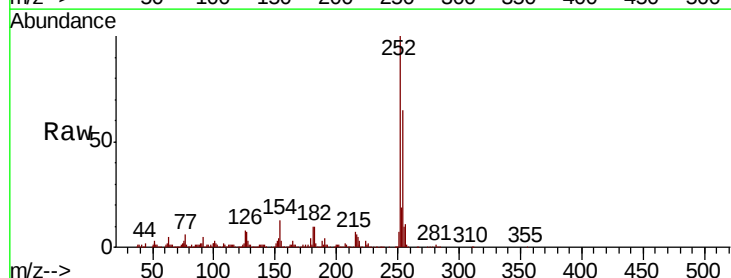
Tgt Ion:252 Resp: 356284

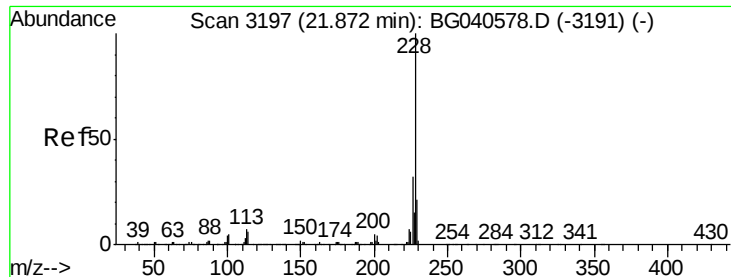
Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

126 7.9 6.6 10.0





#83

Chrysene

Concen: 41.639 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

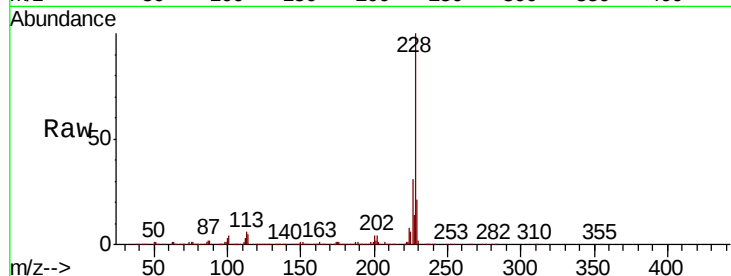
BNA_G

ClientSampleId :

PB119477BS

Tot Ion:228 Resp: 1187892

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	21.3	16.8	25.2

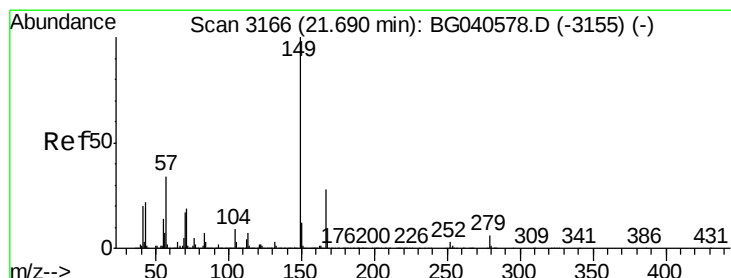
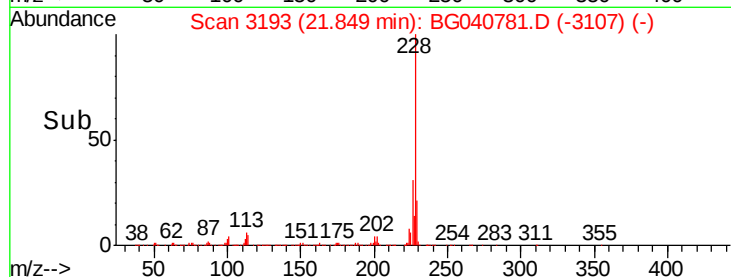
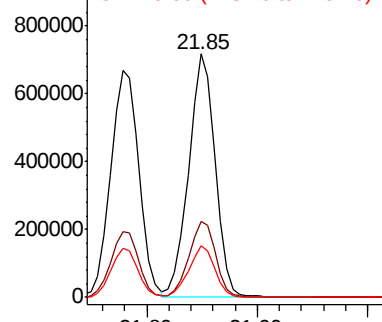


Abundance

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: 39.686 ng

RT: 21.65 min Scan# 3160

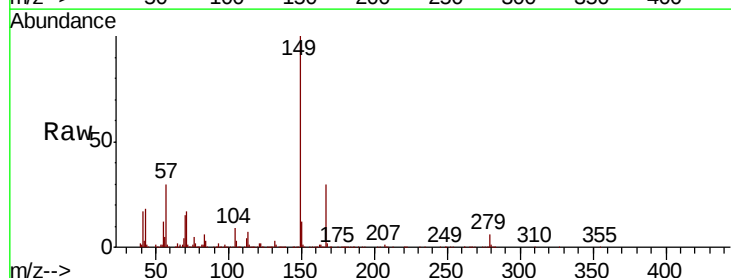
Delta R.T. -0.03 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Tgt Ion:149 Resp: 664208

Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.4	33.6
279	6.5	4.6	6.8

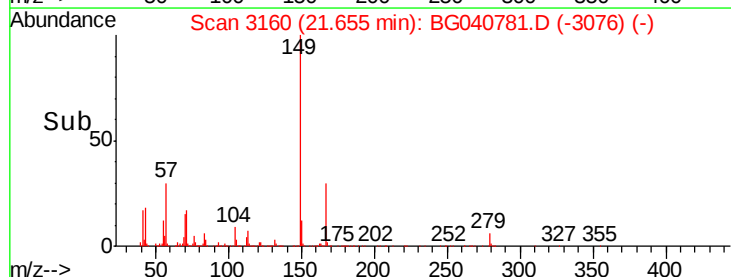
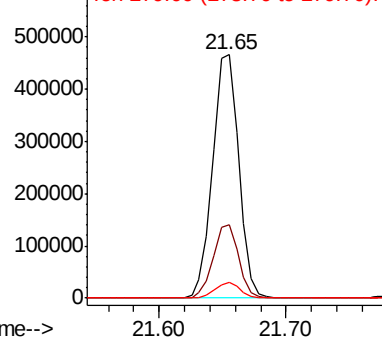


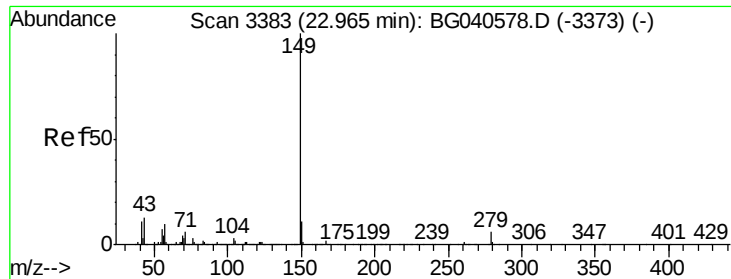
Abundance

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

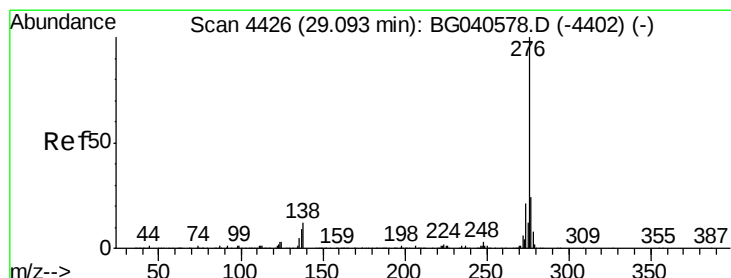
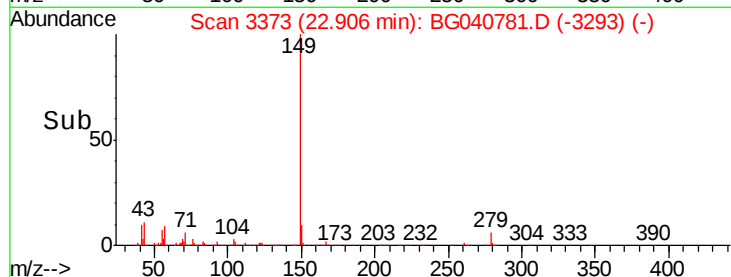
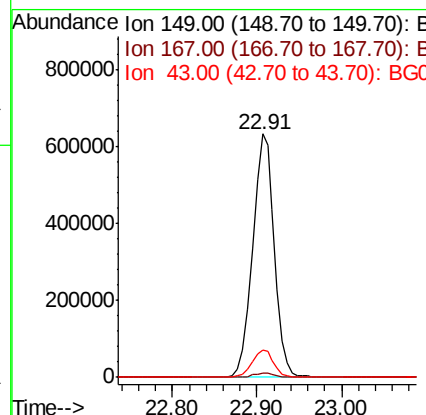
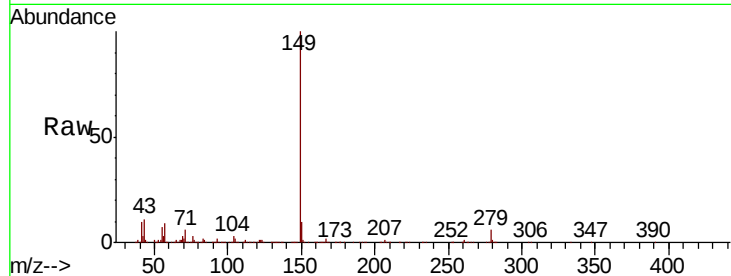




#85
Di-n-octyl phthalate
Concen: 39.921 ng
RT: 22.91 min Scan# 3373
Delta R.T. -0.06 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

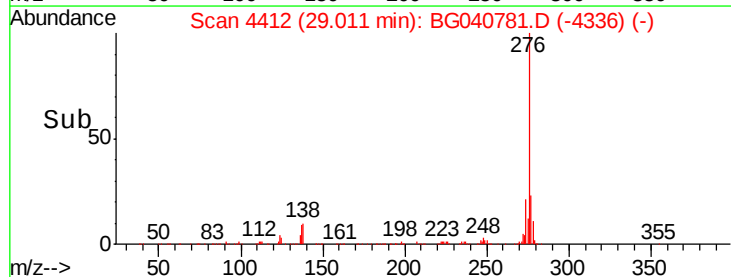
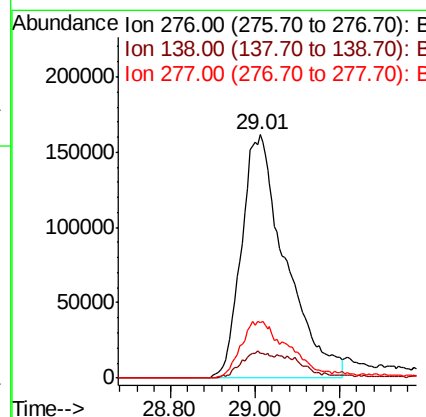
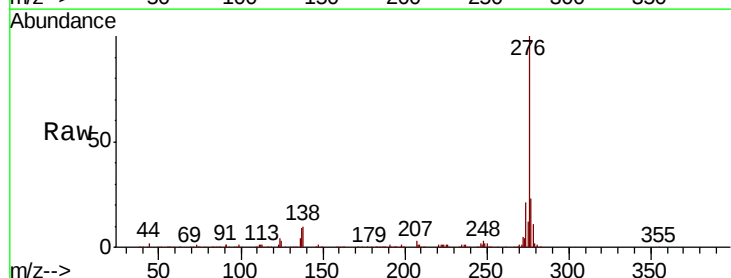
Instrument :
BNA_G
ClientSampleId :
PB119477BS

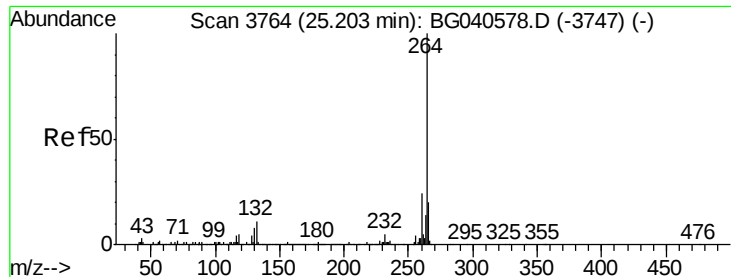
Tot Ion:149 Resp: 1125225
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 11.3 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.887 ng
RT: 29.01 min Scan# 4412
Delta R.T. -0.08 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion:276 Resp: 1168836
Ion Ratio Lower Upper
276 100
138 7.6 9.8 14.6#
277 25.2 17.3 25.9

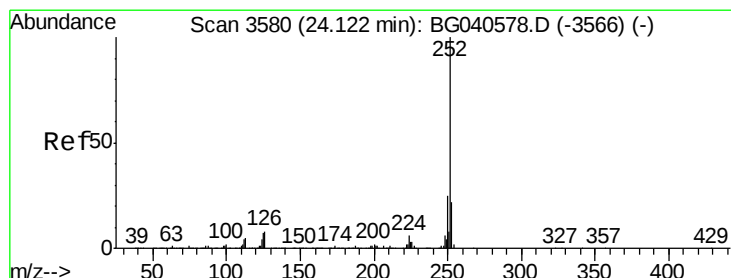
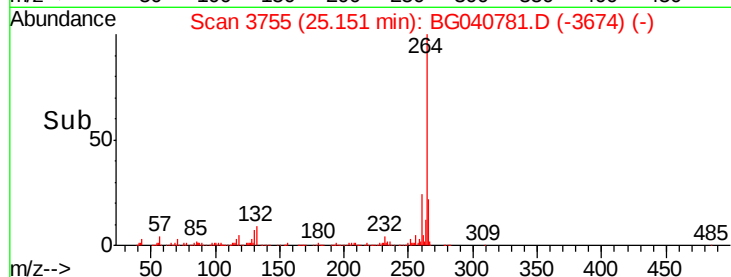
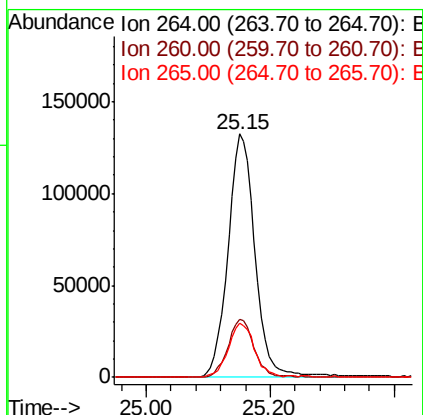
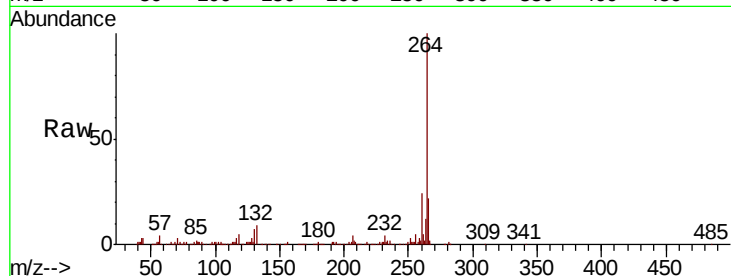




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

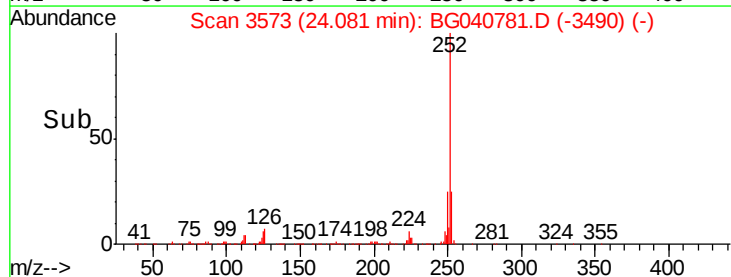
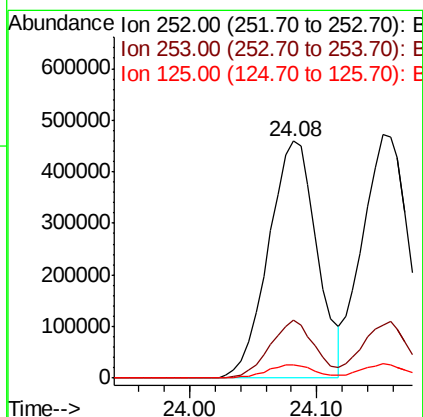
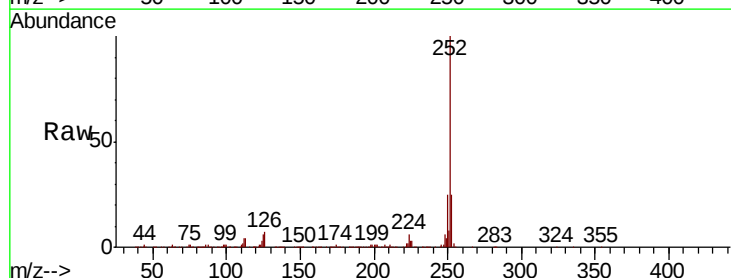
Instrument :
BNA_G
ClientSampleId :
PB119477BS

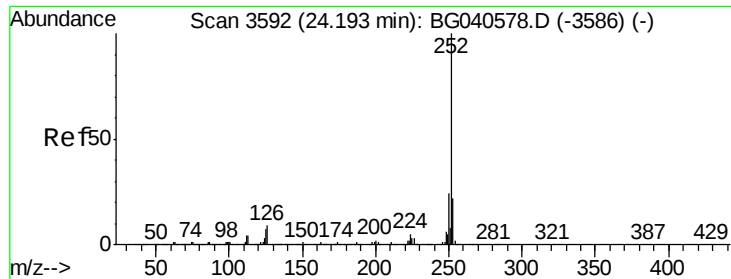
Tot Ion:264 Resp: 401928
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.2 16.6 25.0



#88
Benzo(b)fluoranthene
Concen: 49.761 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion:252 Resp: 1222184
Ion Ratio Lower Upper
252 100
253 24.5 17.6 26.4
125 5.7 5.4 8.0

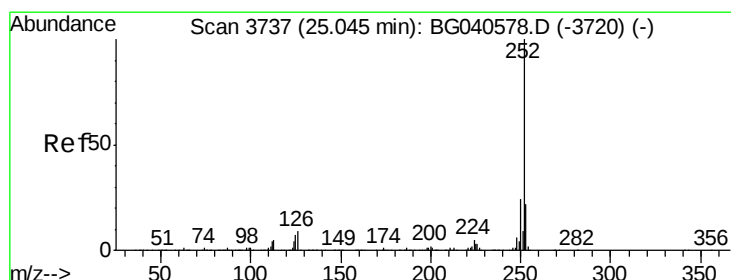
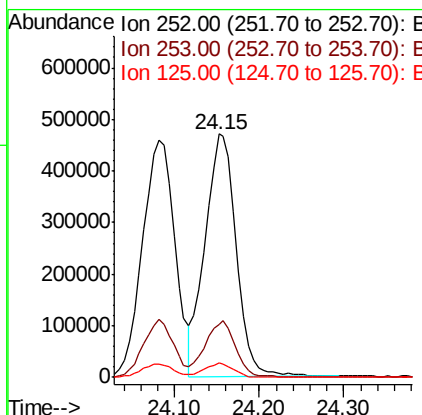
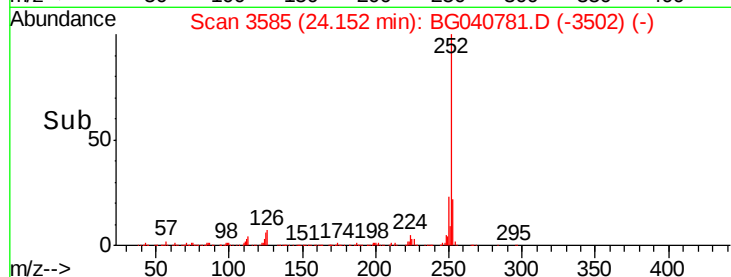
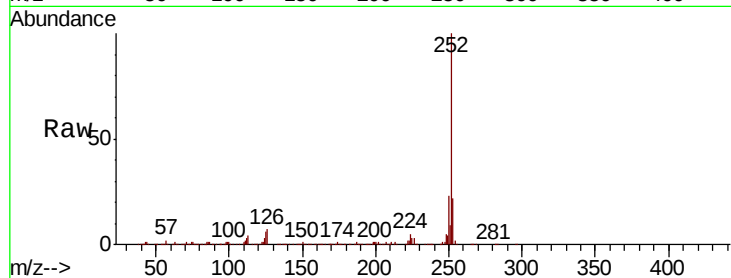




#89
Benzo(k)fluoranthene
Concen: 52.713 ng
RT: 24.15 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

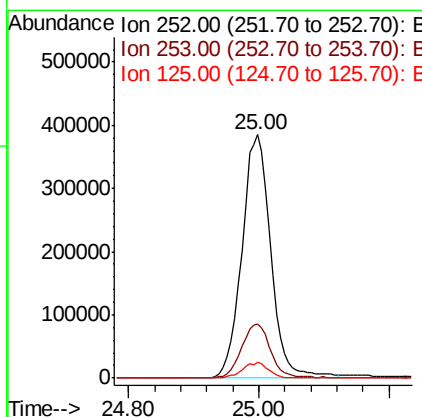
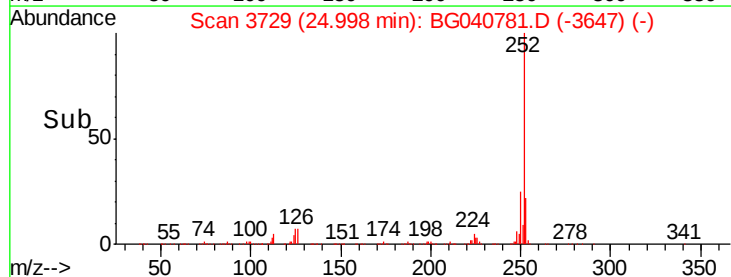
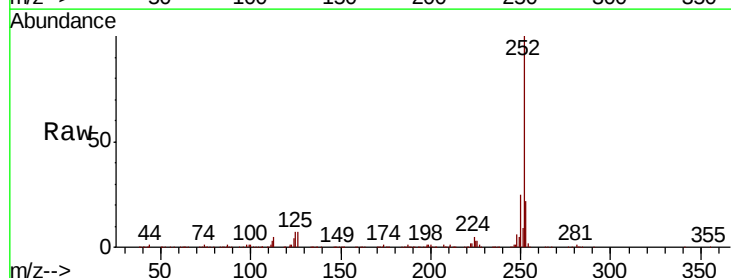
Instrument :
BNA_G
ClientSampleId :
PB119477BS

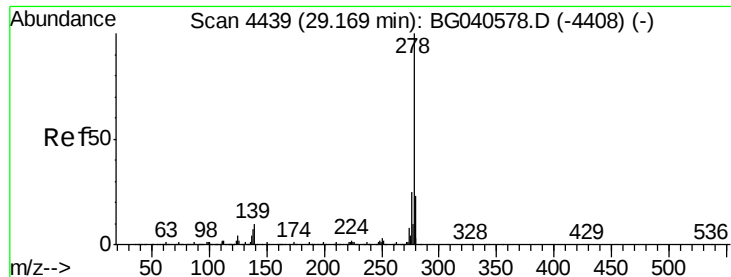
Tot Ion:252 Resp: 1209126
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 5.8 5.5 8.3



#90
Benzo(a)pyrene
Concen: 50.681 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion:252 Resp: 1178290
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 6.7 5.7 8.5

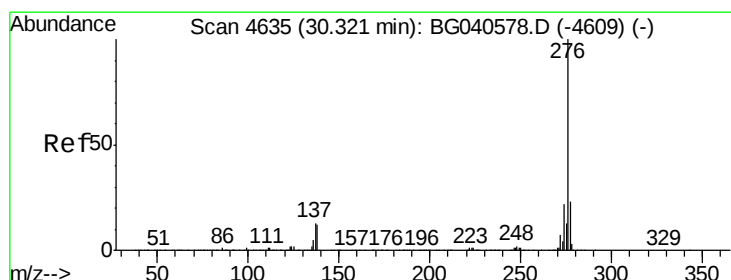
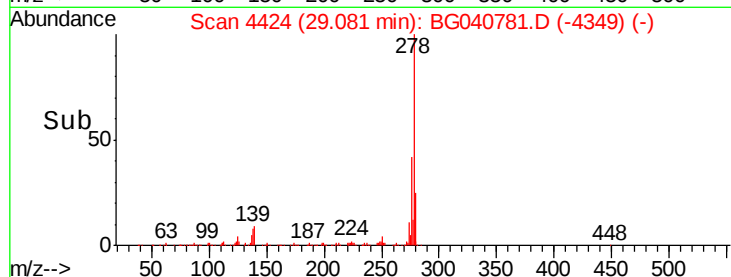
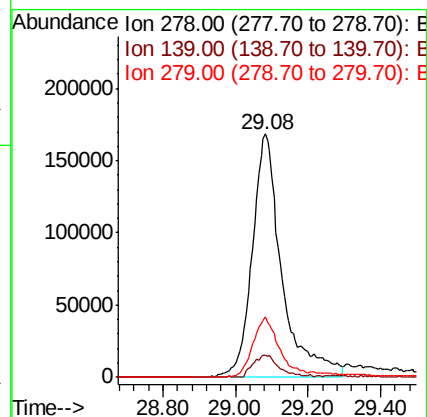
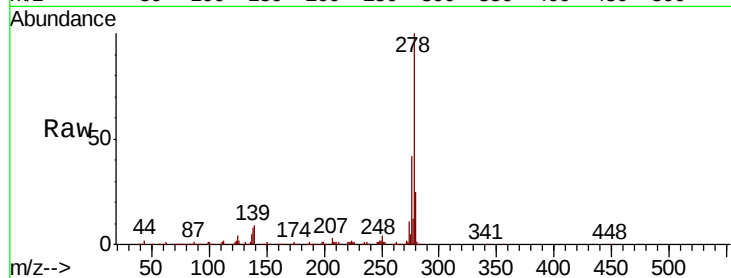




#91
Dibenzo(a,h)anthracene
Concen: 40.714 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.09 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Instrument :
BNA_G
ClientSampleId :
PB119477BS

Tot Ion:278 Resp: 957902
Ion Ratio Lower Upper
278 100
139 9.2 8.2 12.4
279 25.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 39.754 ng
RT: 30.22 min Scan# 4618
Delta R.T. -0.10 min
Lab File: BG040781.D
Acq: 8 May 2019 00:14

Tgt Ion:276 Resp: 930863
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 12.4 9.8 14.6

