

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040707.D
 Acq On : 2 May 2019 15:12
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 03 04:22:09 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	49157	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	220315	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	161568	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	423433	20.00	ng	-0.01
76) Chrysene-d12	21.80	240	458503	20.00	ng	-0.02
87) Perylene-d12	25.16	264	456319	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	246348	88.34	ng	0.00
7) Phenol-d6	7.28	99	387242	90.19	ng	-0.01
23) Nitrobenzene-d5	9.32	82	437048	91.66	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	205739	92.64	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	933957	83.48	ng	-0.01
79) Terphenyl-d14	20.11	244	1687002	81.51	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	56822	44.804	ng	91
3) Pyridine	3.95	79	171494	46.653	ng	99
4) n-Nitrosodimethylamine	3.87	42	89436	43.864	ng	93
6) Aniline	7.47	93	243882	42.853	ng	99
8) 2-Chlorophenol	7.70	128	147975	43.458	ng	93
9) Benzaldehyde	7.29	77	113785	46.032	ng	96
10) Phenol	7.31	94	204444	44.295	ng	94
11) bis(2-Chloroethyl)ether	7.56	93	147609	42.648	ng	97
12) 1,3-Dichlorobenzene	8.03	146	161649	43.494	ng	98
13) 1,4-Dichlorobenzene	8.18	146	159534	42.344	ng	99
14) 1,2-Dichlorobenzene	8.50	146	154267	42.458	ng	99
15) Benzyl Alcohol	8.38	79	186062	41.647	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	261470	37.945	ng	98
17) 2-Methylphenol	8.57	107	140011	42.865	ng	94
18) Hexachloroethane	9.24	117	63008	40.769	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	153037	39.595	ng	97
20) 3+4-Methylphenols	8.90	107	194845	42.821	ng	98
22) Acetophenone	8.98	105	264644	43.197	ng	# 98
24) Nitrobenzene	9.37	77	225083	44.244	ng	96
25) Isophorone	9.88	82	428273	40.324	ng	98
26) 2-Nitrophenol	10.08	139	91951	50.424	ng	94
27) 2,4-Dimethylphenol	10.12	122	143694	41.997	ng	100
28) bis(2-Chloroethoxy)methane	10.36	93	219818	41.252	ng	98
29) 2,4-Dichlorophenol	10.61	162	173245	44.538	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	188354	43.665	ng	98
31) Naphthalene	11.02	128	490599	41.915	ng	98
32) Benzoic acid	10.24	122	122353	52.236	ng	92
33) 4-Chloroaniline	11.13	127	222022	42.782	ng	95
34) Hexachlorobutadiene	11.29	225	142838	44.853	ng	99
35) Caprolactam	11.92	113	67883	44.202	ng	# 90
36) 4-Chloro-3-methylphenol	12.23	107	219817	44.796	ng	98
37) 2-Methylnaphthalene	12.61	142	372743	42.593	ng	99
38) 1-Methylnaphthalene	12.83	142	362641	42.395	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	253117	42.054	ng	99

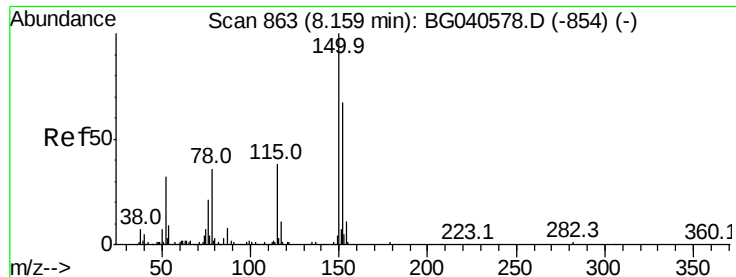
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	183982	51.803	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	163938	45.072	nq	99
44) 2,4,5-Trichlorophenol	13.28	196	181029	45.689	nq	98
46) 1,1'-Biphenyl	13.61	154	506539	40.380	nq	98
47) 2-Chloronaphthalene	13.66	162	412927	42.062	nq	98
48) 2-Nitroaniline	13.87	65	173107	49.537	nq	98
49) Acenaphthylene	14.50	152	685551	41.160	nq	99
50) Dimethylphthalate	14.22	163	574134	42.472	nq	98
51) 2,6-Dinitrotoluene	14.35	165	130606	49.504	nq	87
52) Acenaphthene	14.84	154	398045	41.037	nq	94
53) 3-Nitroaniline	14.68	138	128902	47.684	nq	95
54) 2,4-Dinitrophenol	14.88	184	53881	40.050	nq	# 85
55) Dibenzofuran	15.18	168	671056	42.238	nq	100
56) 4-Nitrophenol	14.97	139	107179	45.724	nq	94
57) 2,4-Dinitrotoluene	15.14	165	187672	52.349	nq	91
58) Fluorene	15.82	166	540451	42.087	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	183942	46.124	nq	98
60) Diethylphthalate	15.58	149	589258	41.315	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	327685	43.876	nq	96
62) 4-Nitroaniline	15.85	138	141695	46.858	nq	96
63) Azobenzene	16.10	77	587981	40.030	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	94827	45.828	nq	90
66) n-Nitrosodiphenylamine	16.02	169	485161	38.944	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	215960	40.937	nq	97
68) Hexachlorobenzene	16.81	284	225810	41.397	nq	95
69) Atrazine	16.96	200	185652	37.614	nq	94
70) Pentachlorophenol	17.16	266	140438	43.997	nq	98
71) Phenanthrene	17.56	178	935574	41.021	nq	98
72) Anthracene	17.66	178	928920	40.520	nq	99
73) Carbazole	17.93	167	846217	40.515	nq	99
74) Di-n-butylphthalate	18.46	149	1003025	39.787	nq	100
75) Fluoranthene	19.57	202	1197608	42.137	nq	99
77) Benzidine	19.74	184	482040	38.397	nq	99
78) Pyrene	19.92	202	1204243	41.906	nq	98
80) Butylbenzylphthalate	20.79	149	452986	40.444	nq	95
81) Benzo(a)anthracene	21.79	228	1190542	41.085	nq	100
82) 3,3'-Dichlorobenzidine	21.70	252	417591	40.431	nq	99
83) Chrysene	21.86	228	1135417	41.200	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	633589	39.188	nq	98
85) Di-n-octyl phthalate	22.92	149	1066002	39.150	nq	98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1333916	40.034	nq	93
88) Benzo(b)fluoranthene	24.09	252	1167514	41.869	nq	97
89) Benzo(k)fluoranthene	24.16	252	1085332	41.677	nq	98
90) Benzo(a)pyrene	25.01	252	1099232	41.645	nq	99
91) Dibenzo(a,h)anthracene	29.10	278	1052757	39.412	nq	98
92) Benzo(g,h,i)perylene	30.26	276	1043321	39.246	nq	98

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

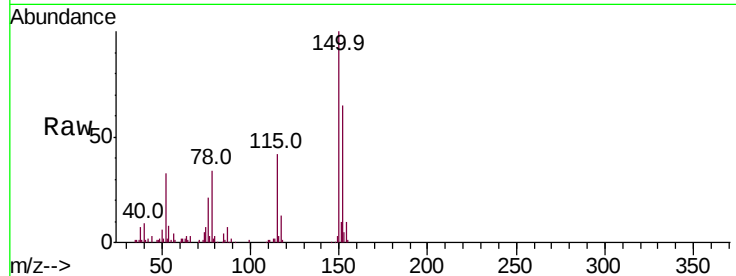


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	120.2	180.2
115	65.5	46.2	69.2

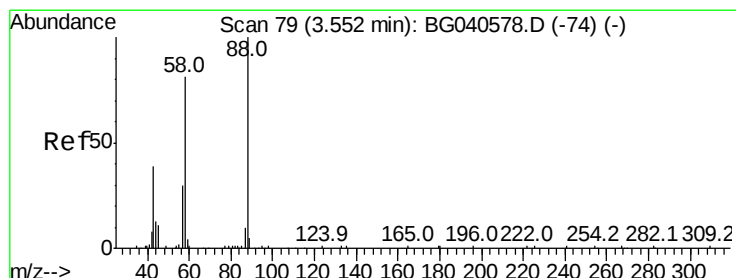
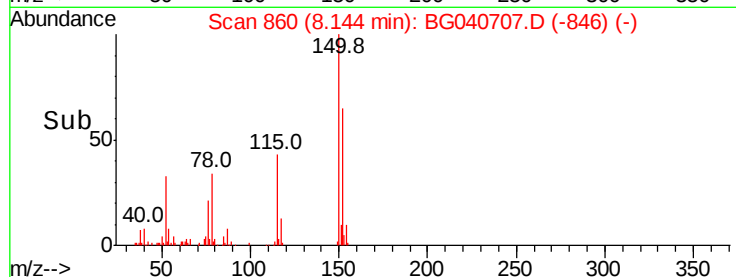
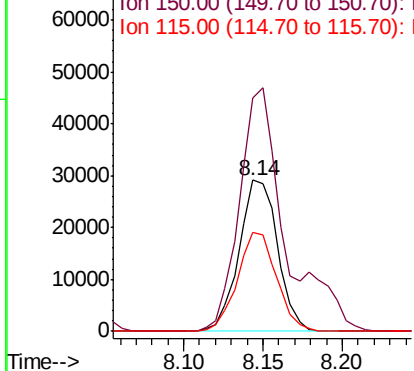


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

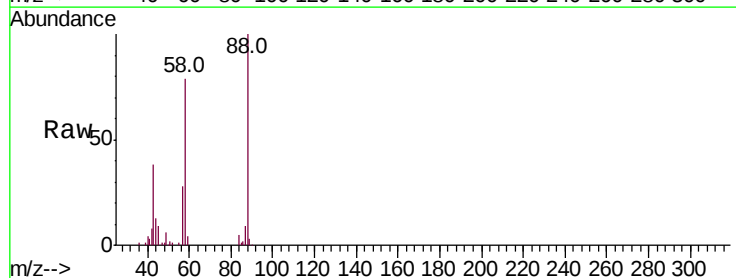
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 44.804 ng
 RT: 3.55 min Scan# 78
 Delta R.T. -0.00 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	71.2	106.8
43	40.3	35.6	53.4

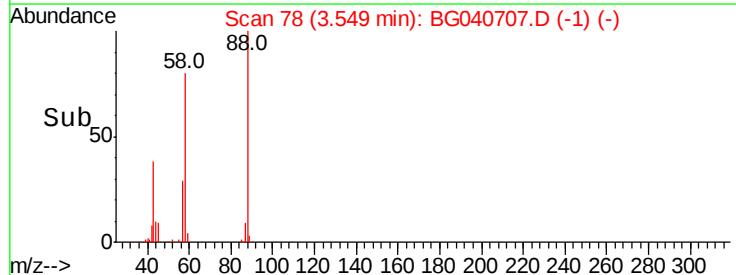
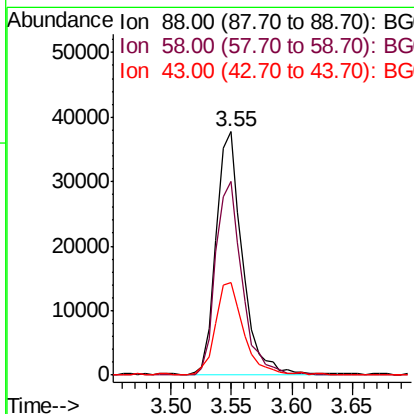


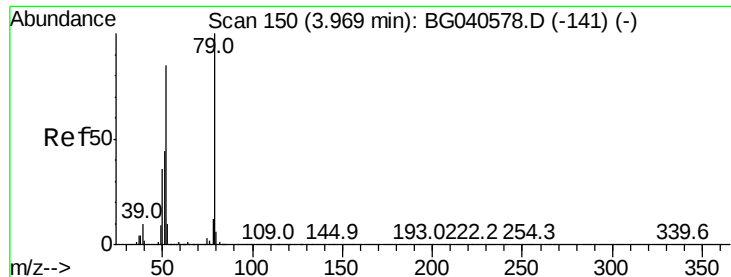
Abundance

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: 46.653 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

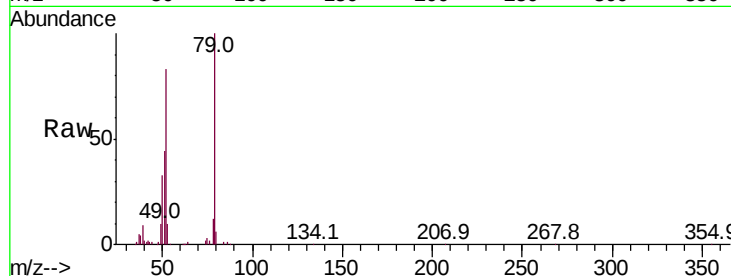
Tot Ion: 79 Resp: 171494

Ion Ratio Lower Upper

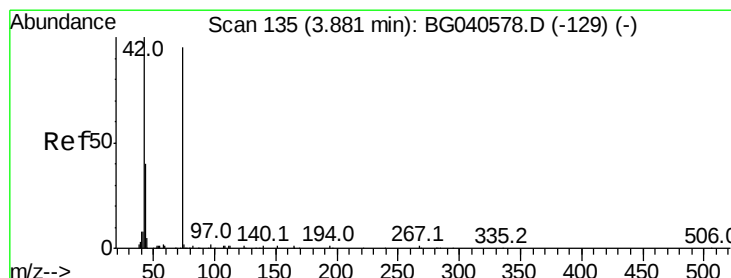
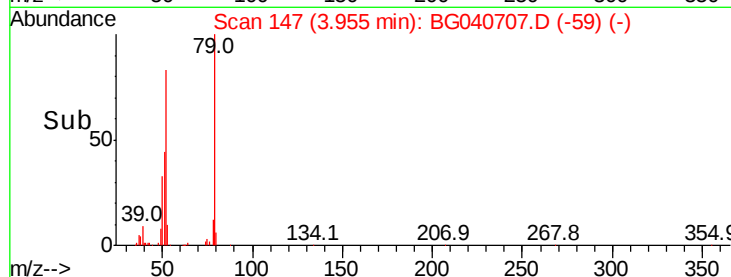
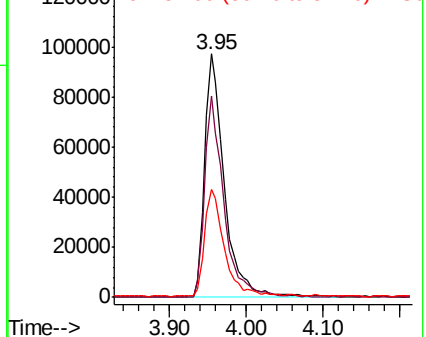
79 100

52 82.7 67.5 101.3

51 44.2 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 43.864 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

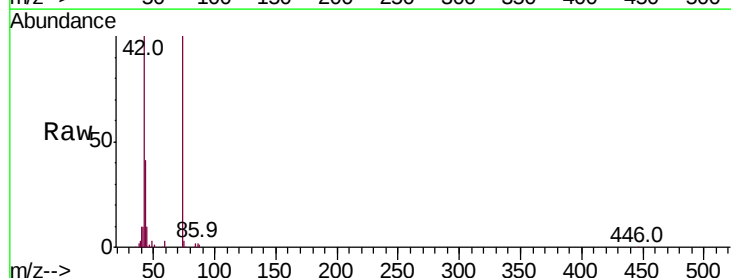
Tgt Ion: 42 Resp: 89436

Ion Ratio Lower Upper

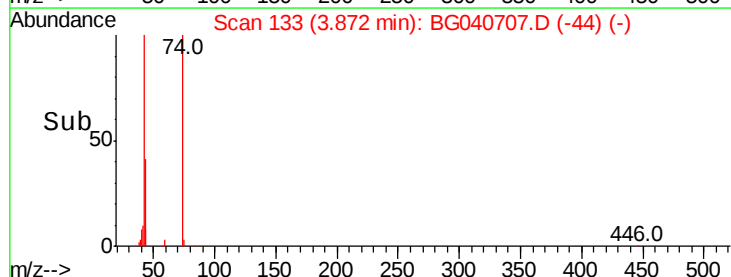
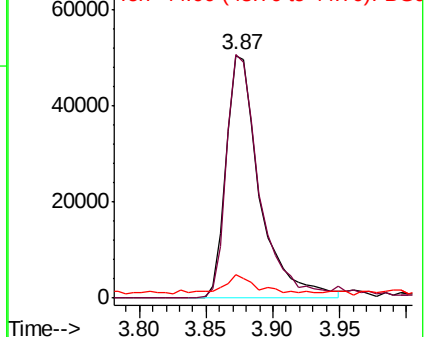
42 100

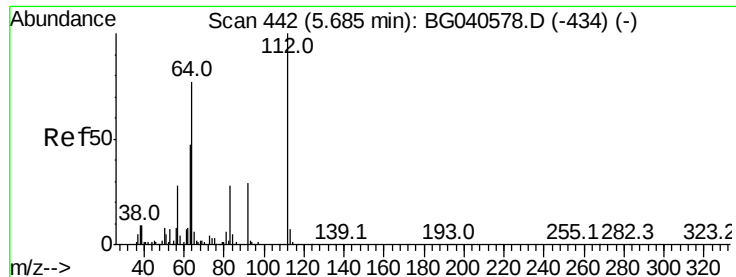
74 100.4 74.6 111.8

44 10.3 7.4 11.0



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





#5

2-Fluorophenol

Concen: 88.340 ng

RT: 5.68 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

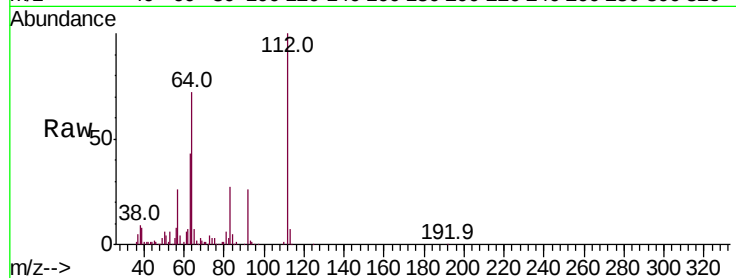
Tot Ion:112 Resp: 246348

Ion Ratio Lower Upper

112 100

64 71.7 61.4 92.0

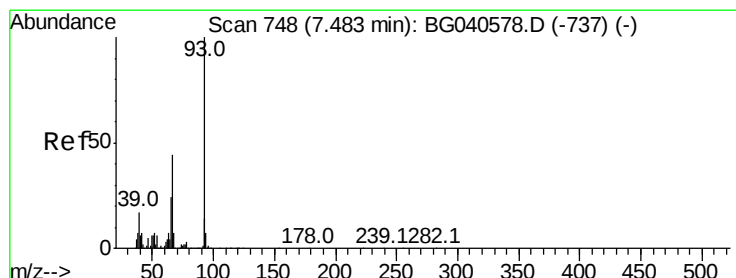
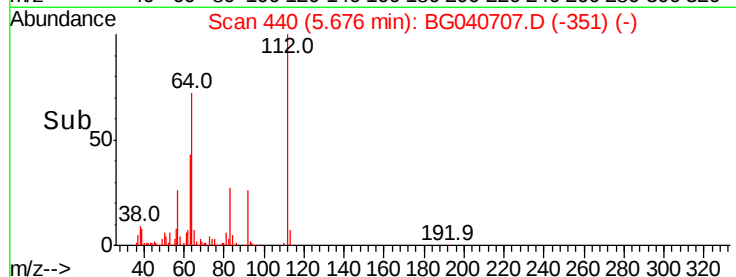
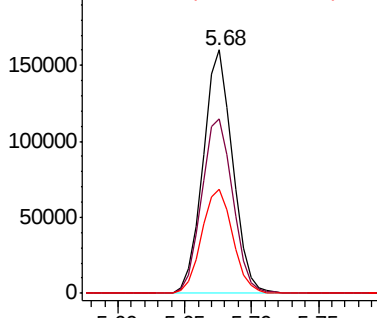
63 42.7 37.8 56.6



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: 42.853 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

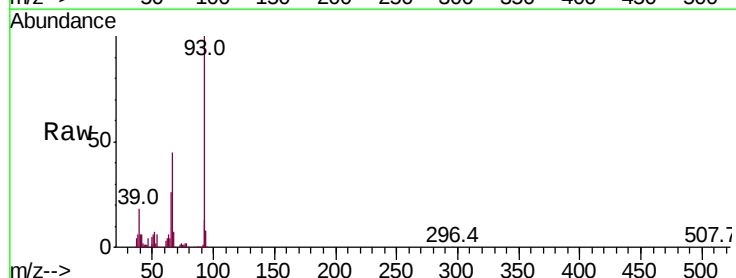
Tgt Ion: 93 Resp: 243882

Ion Ratio Lower Upper

93 100

66 44.7 35.5 53.3

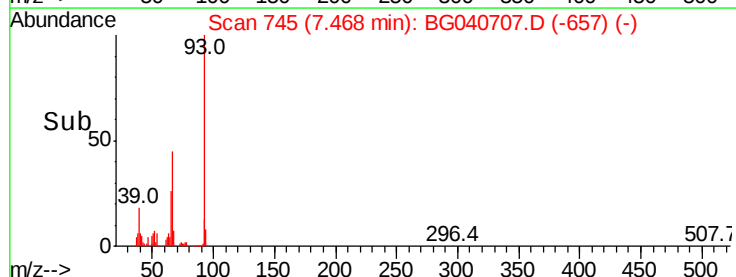
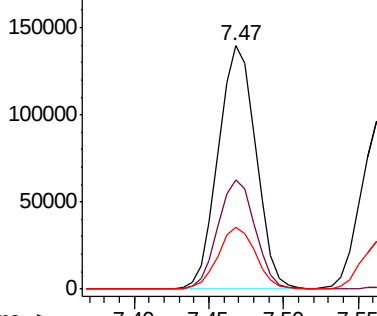
65 25.6 19.2 28.8

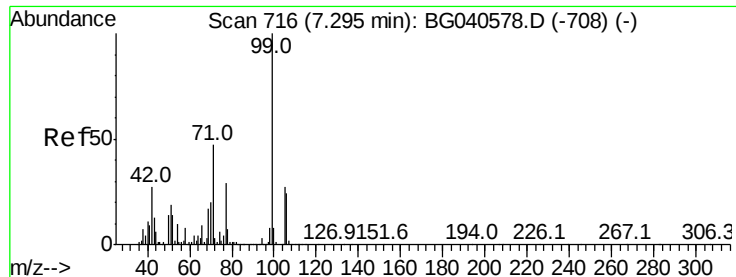


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 90.188 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

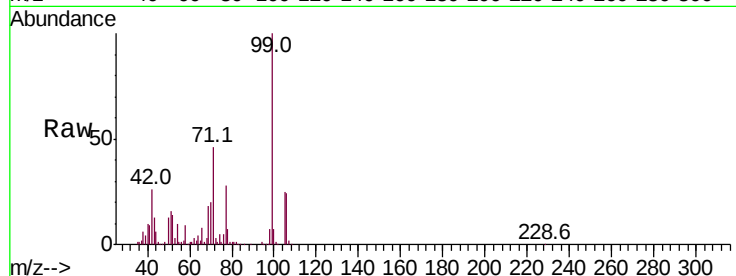
Tot Ion: 99 Resp: 387242

Ion Ratio Lower Upper

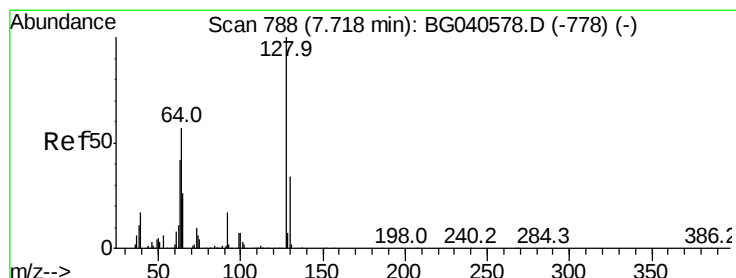
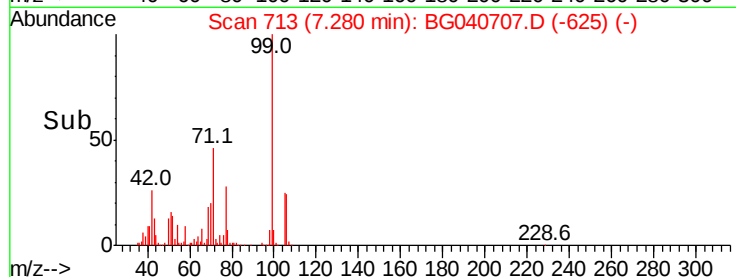
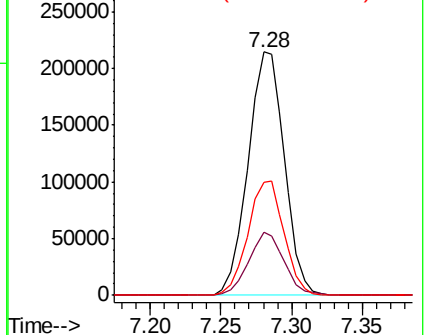
99 100

42 26.0 21.8 32.8

71 46.2 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: 43.458 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

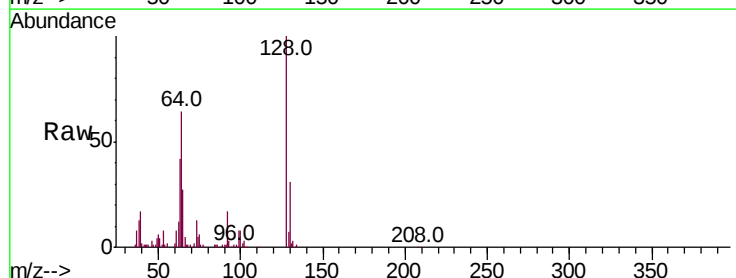
Tgt Ion: 128 Resp: 147975

Ion Ratio Lower Upper

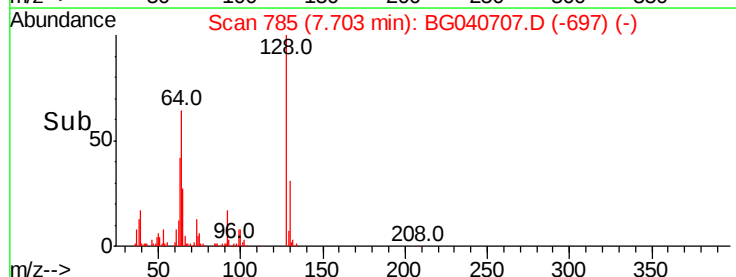
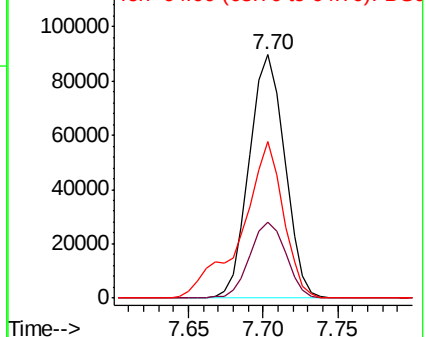
128 100

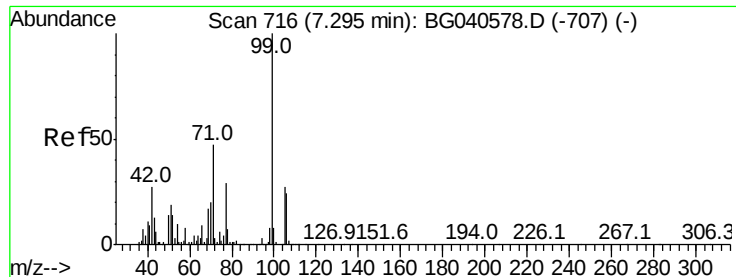
130 31.3 14.5 54.5

64 64.4 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: 46.032 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

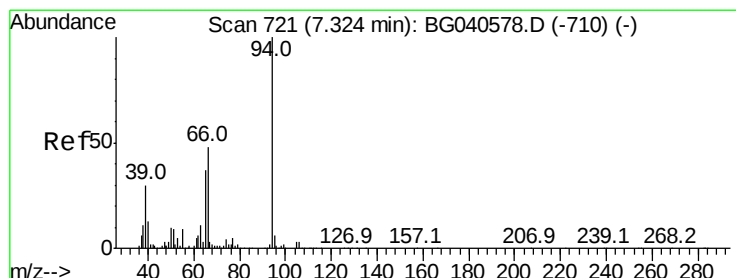
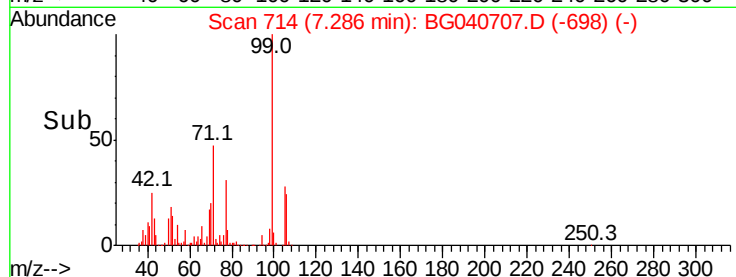
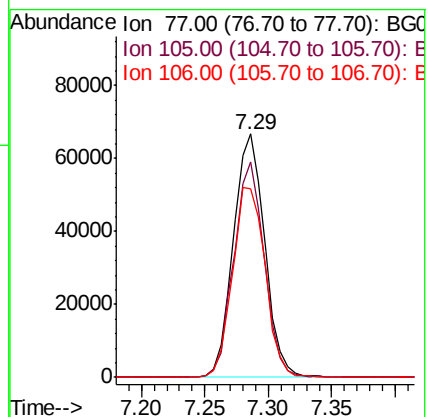
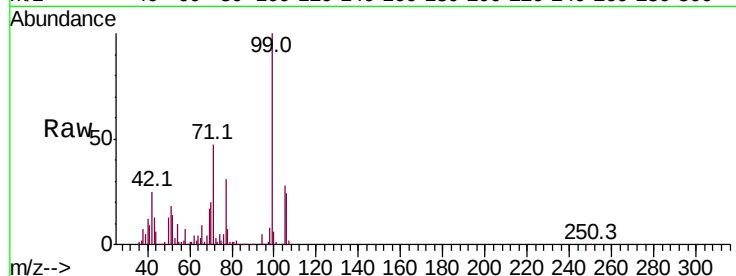
Tot Ion: 77 Resp: 113785

Ion Ratio Lower Upper

77 100

105 88.4 72.0 112.0

106 77.3 61.2 101.2



#10

Phenol

Concen: 44.295 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

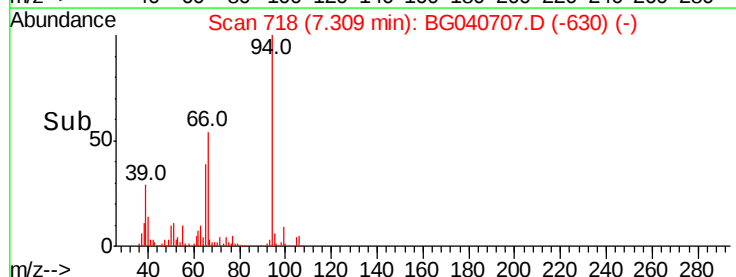
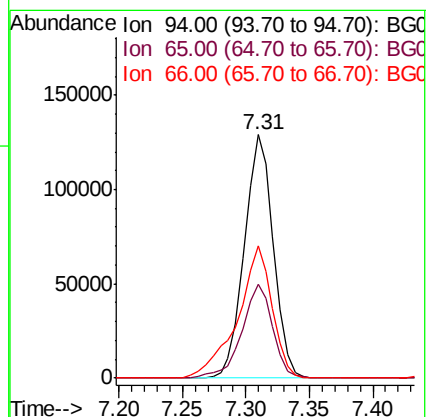
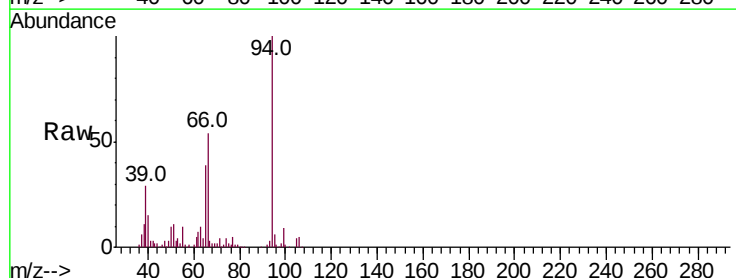
Tgt Ion: 94 Resp: 204444

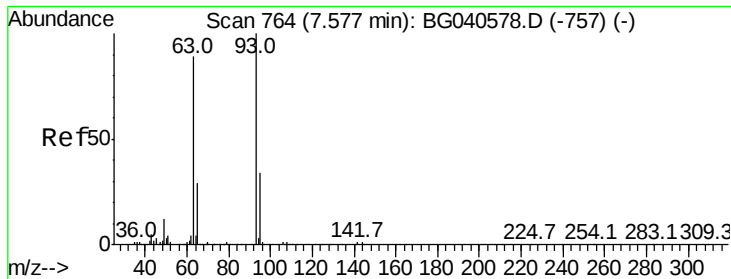
Ion Ratio Lower Upper

94 100

65 38.6 17.0 57.0

66 54.5 28.6 68.6

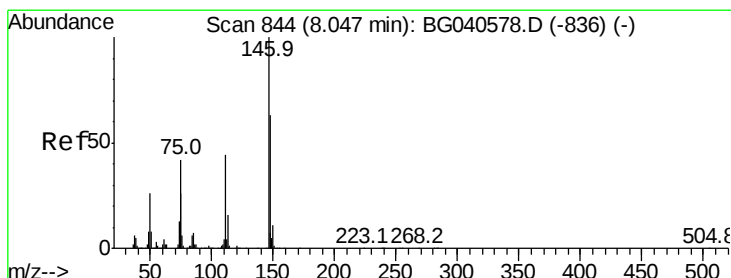
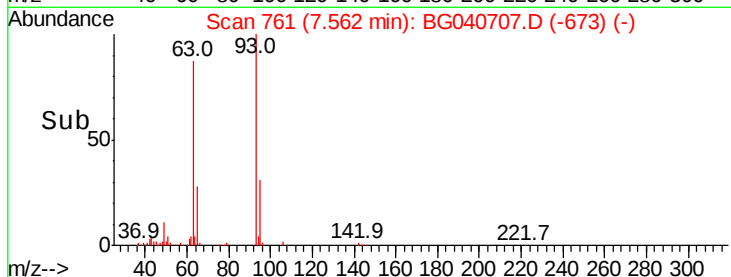
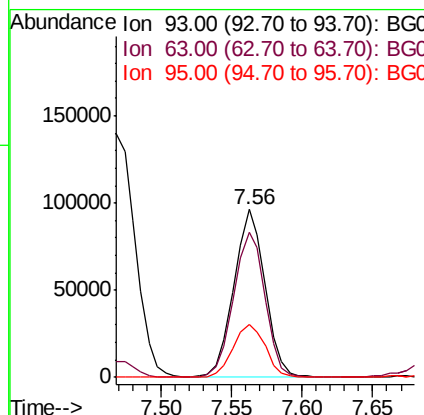
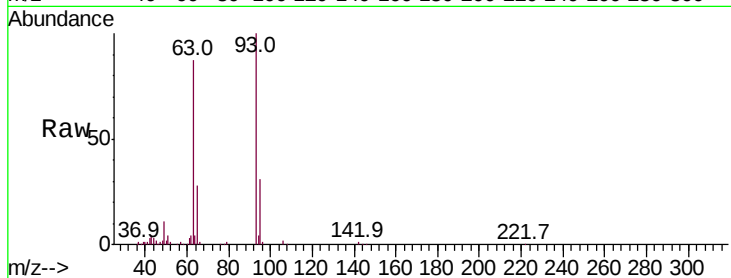




#11
bis(2-Chloroethyl)ether
Concen: 42.648 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

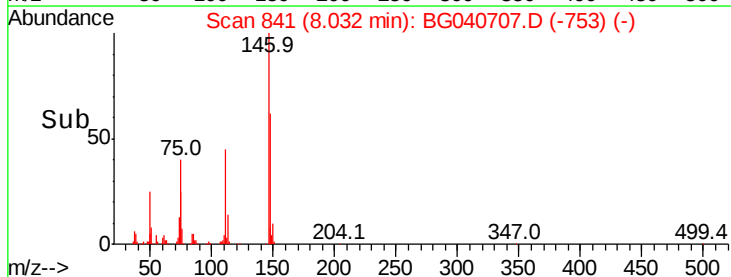
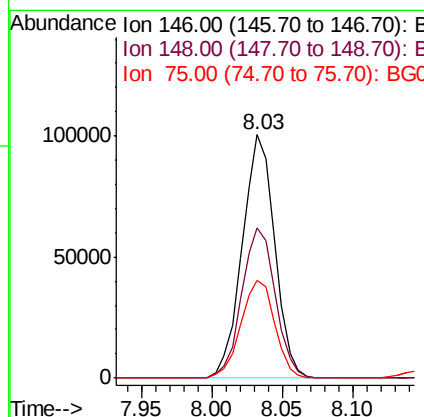
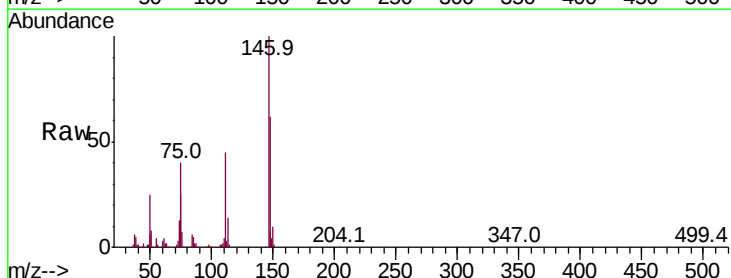
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

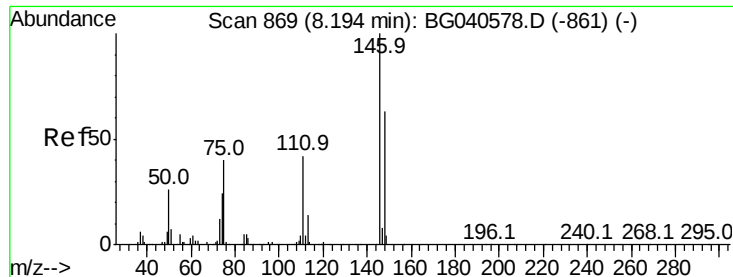
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.7	68.2	108.2
95	31.1	14.3	54.3



#12
1,3-Dichlorobenzene
Concen: 43.494 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.7	76.1
75	40.3	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 42.344 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

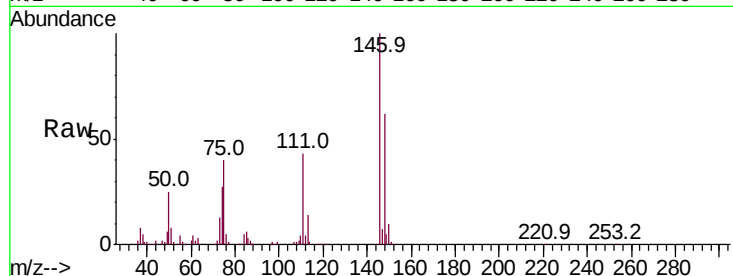
Tot Ion:146 Resp: 159534

Ion Ratio Lower Upper

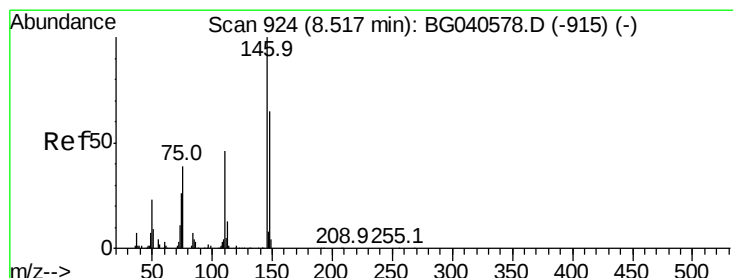
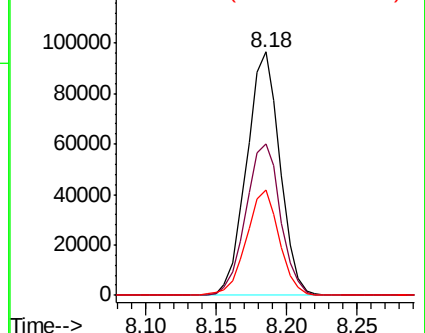
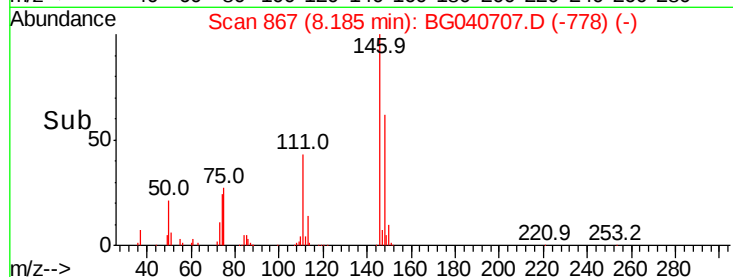
146 100

148 62.5 50.6 75.8

111 43.4 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: 42.458 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

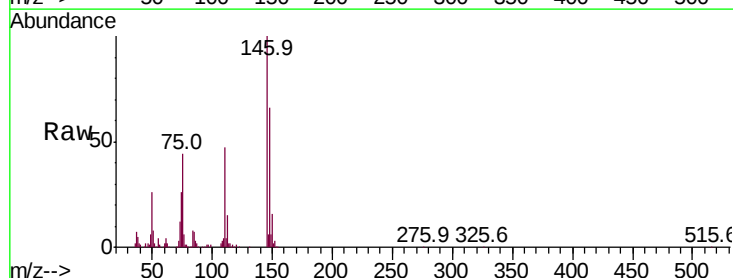
Tgt Ion:146 Resp: 154267

Ion Ratio Lower Upper

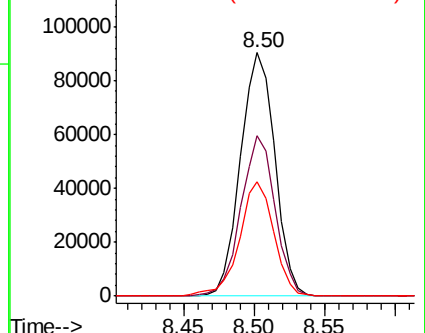
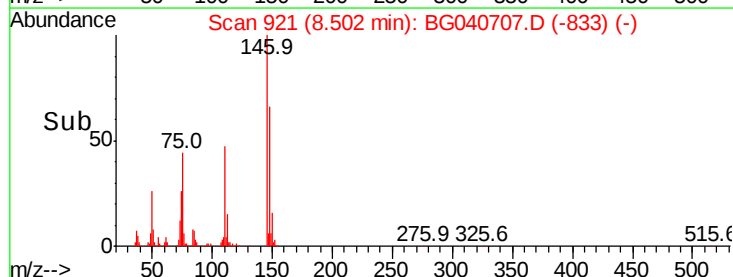
146 100

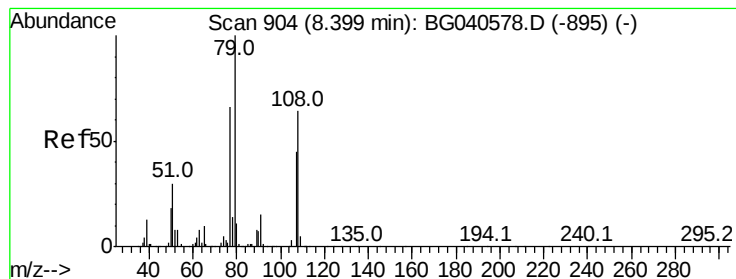
148 66.1 52.2 78.4

111 47.0 37.4 56.0



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





#15

Benzyl Alcohol

Concen: 41.647 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

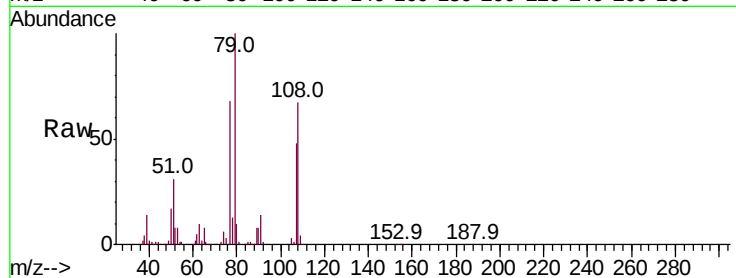
Tot Ion: 79 Resp: 186062

Ion Ratio Lower Upper

79 100

108 66.6 51.4 77.0

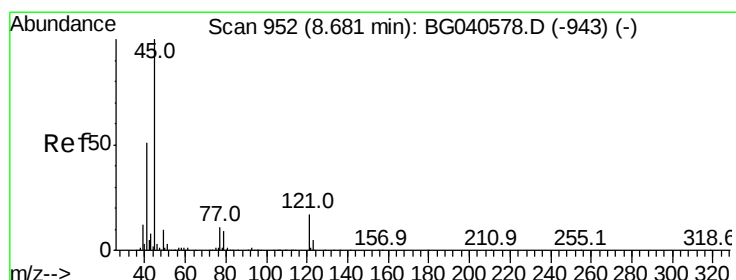
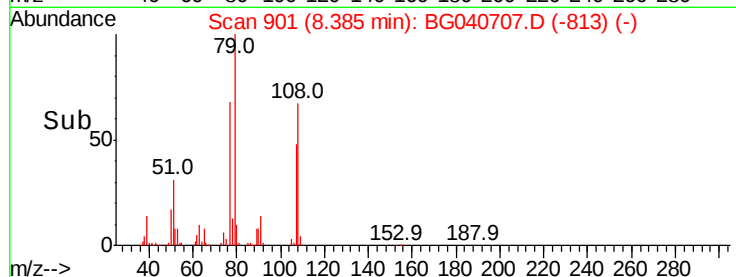
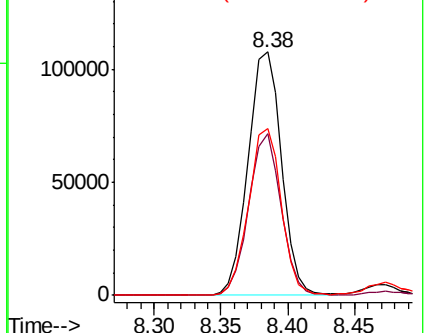
77 68.4 52.6 79.0



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: 37.945 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

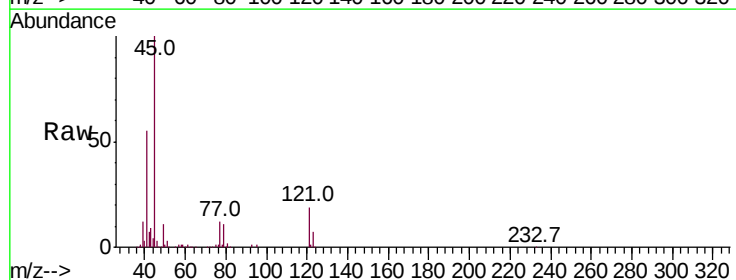
Tgt Ion: 45 Resp: 261470

Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.5

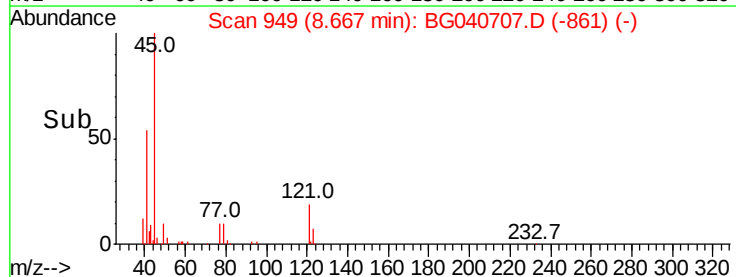
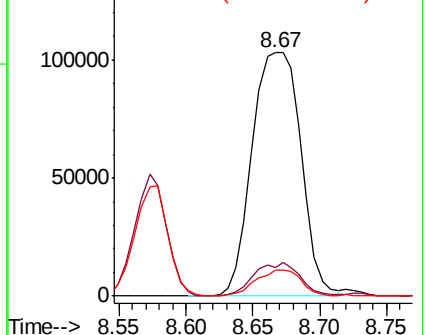
79 10.6 0.0 29.4

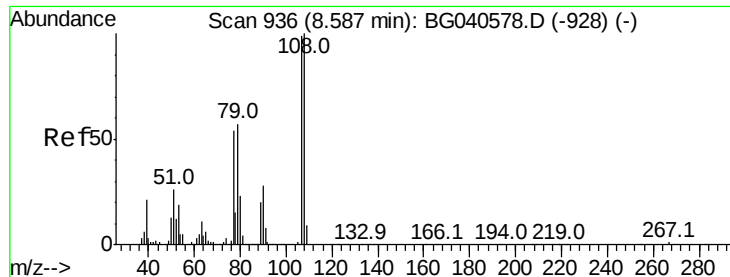


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 42.865 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 140011

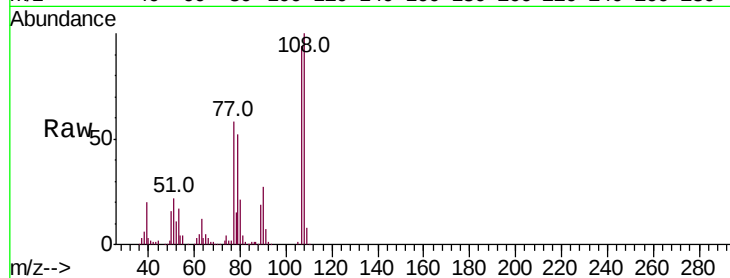
Ion Ratio Lower Upper

107 100

108 106.5 81.2 121.8

77 62.0 44.4 66.6

79 55.6 47.0 70.4

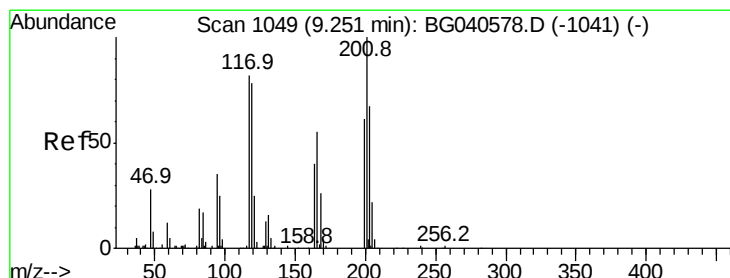
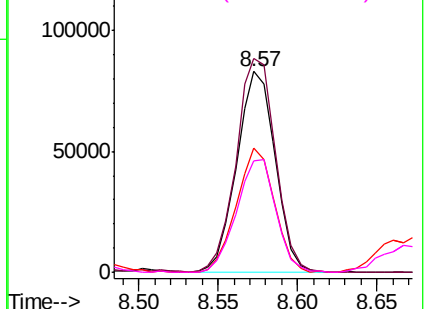
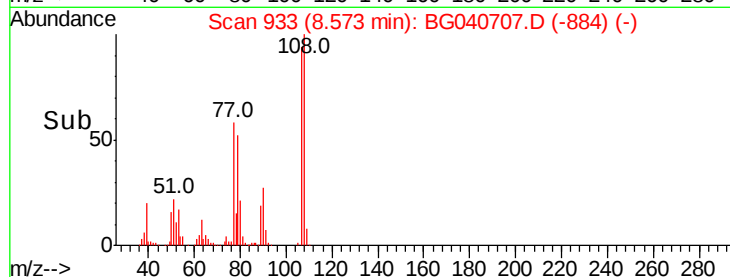


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.769 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

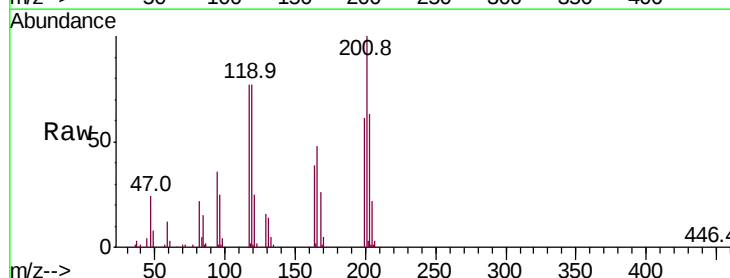
Tgt Ion:117 Resp: 63008

Ion Ratio Lower Upper

117 100

119 100.0 76.6 114.8

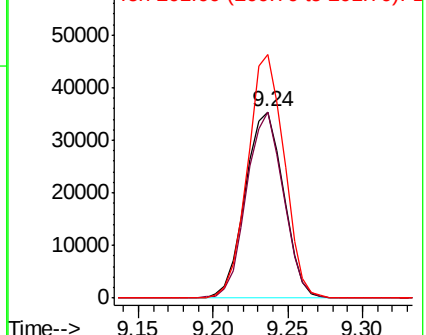
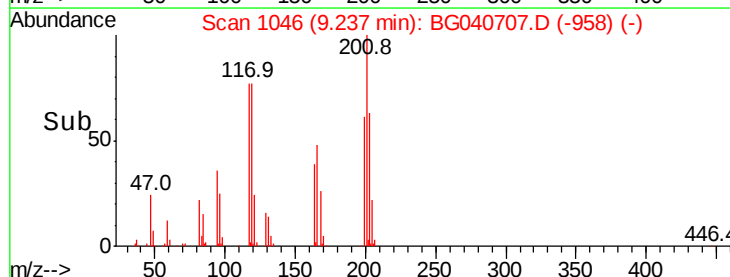
201 130.6 101.0 151.6

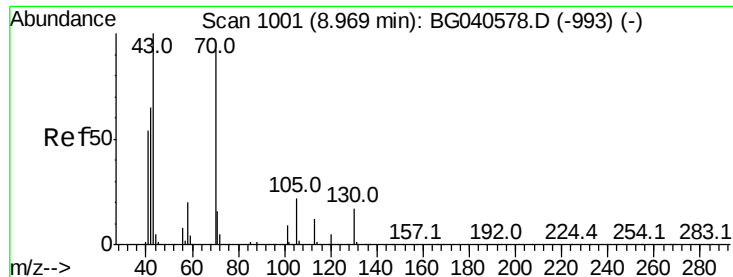


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

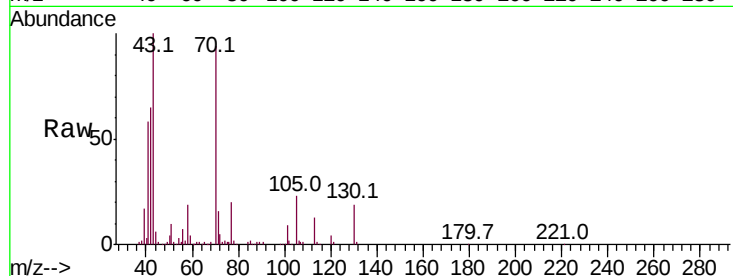




#19
n-Nitroso-di-n-propylamine
Concen: 39.595 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	153037
Ion	Ratio	Lower	Upper
70	100		
42	68.6	57.1	85.7
101	9.9	7.8	11.8
130	19.7	14.6	21.8



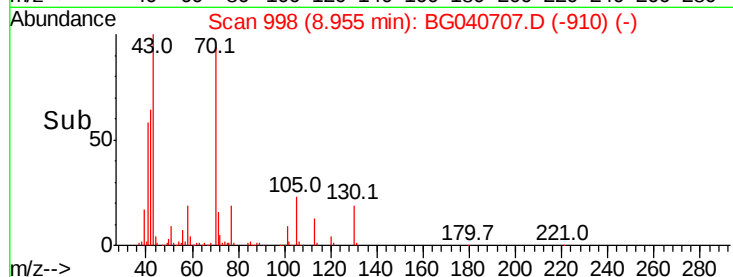
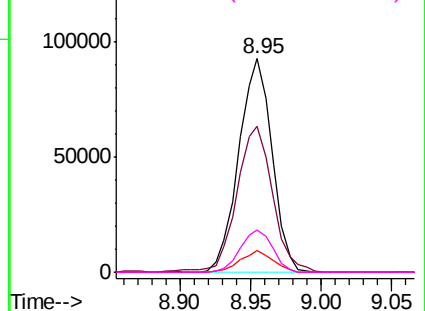
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

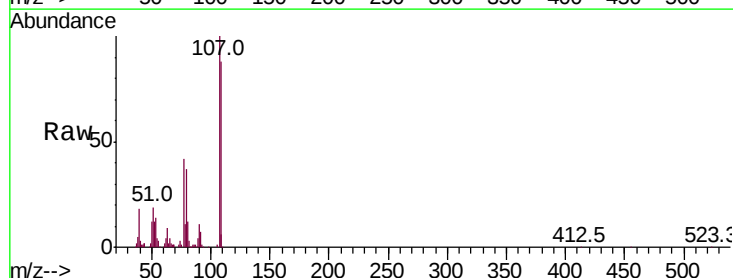
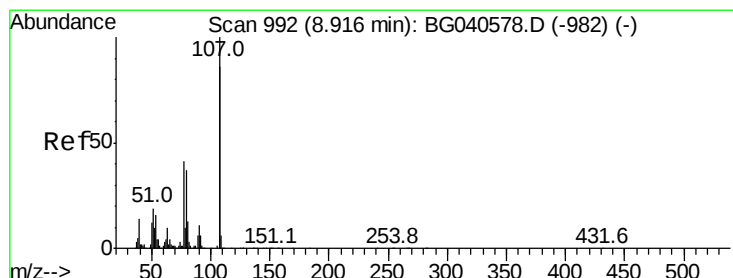
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.821 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion:	107	Resp:	194845
Ion	Ratio	Lower	Upper
107	100		
108	88.4	66.1	106.1
77	42.5	21.6	61.6
79	36.6	17.4	57.4



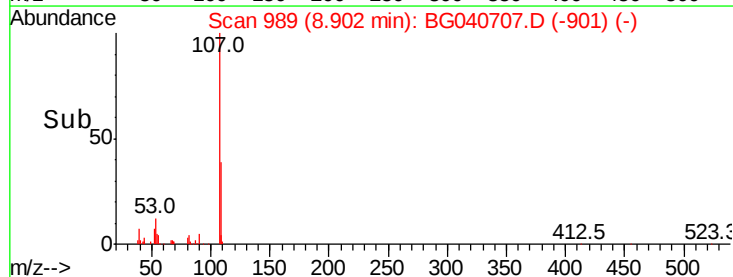
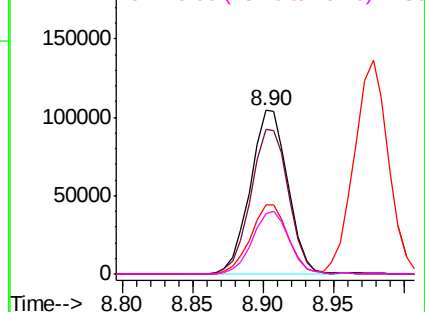
Abundance

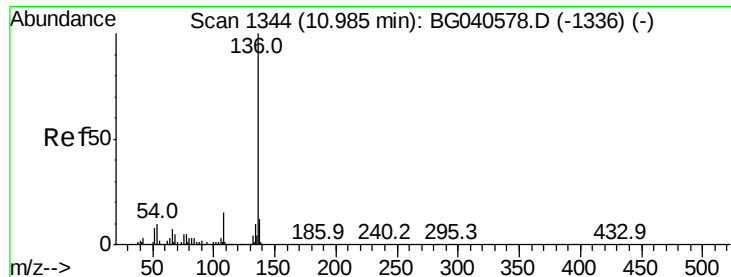
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

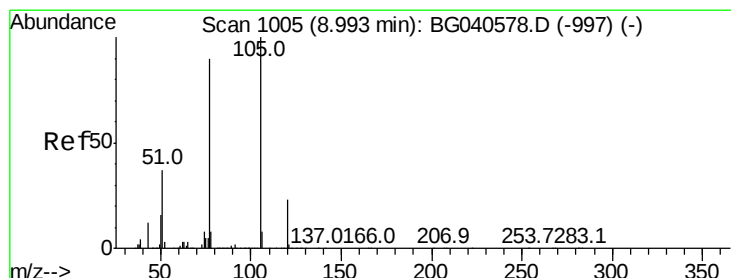
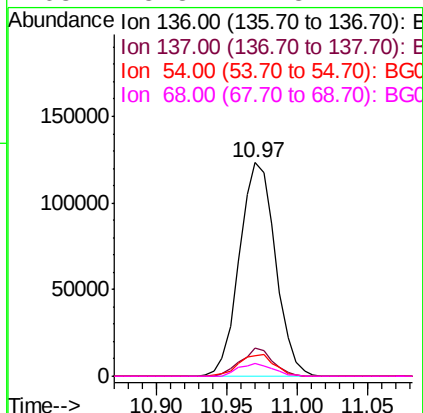
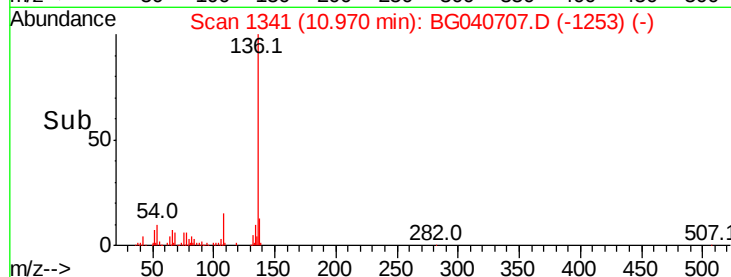
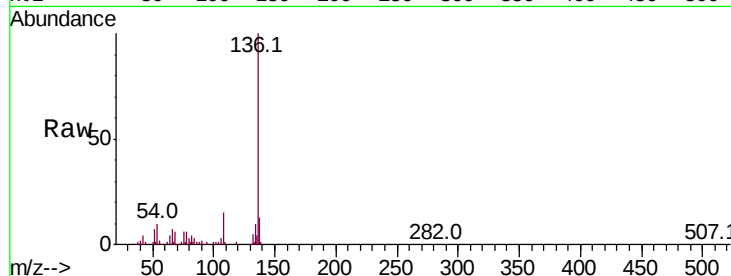




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

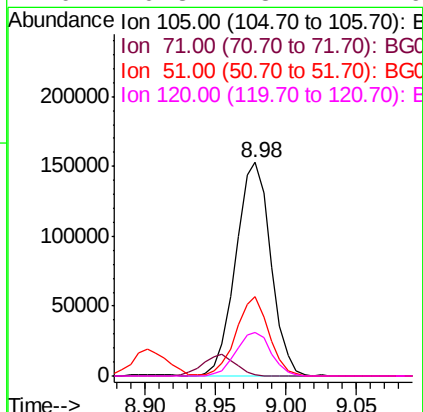
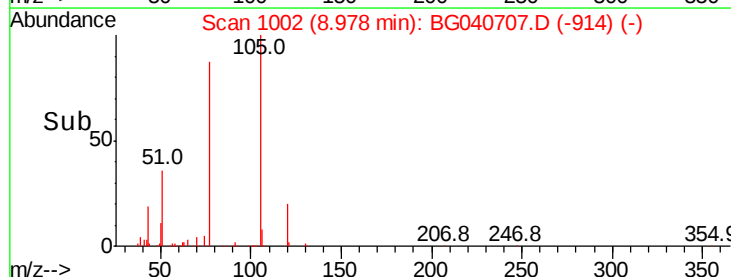
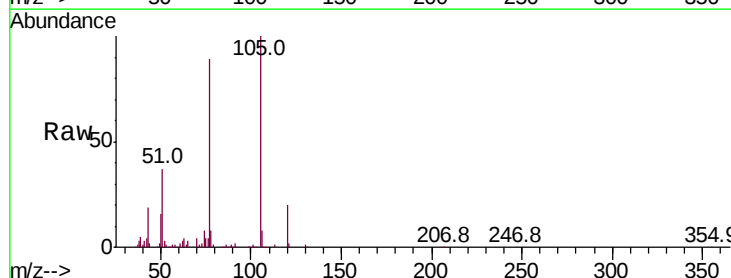
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

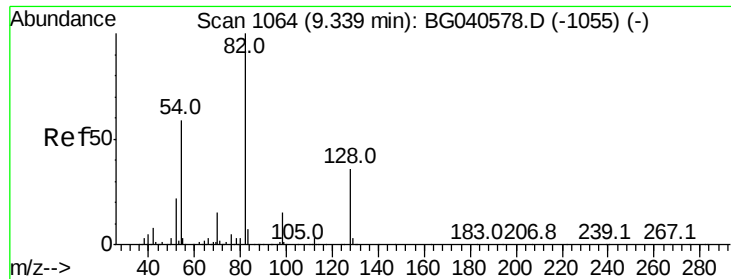
Tot Ion:136	Resp:	220315
Ion Ratio	Lower	Upper
136 100		
137 13.0	9.7	14.5
54 9.8	8.6	12.8
68 5.8	4.8	7.2



#22
Acetophenone
Concen: 43.197 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt	Ion:105	Resp:	264644
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.8	2.8#
51	37.3	29.8	44.8
120	20.3	18.4	27.6

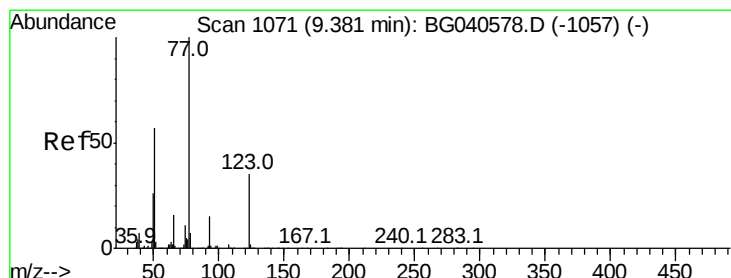
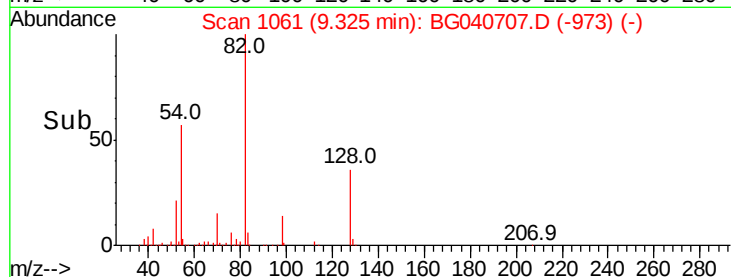
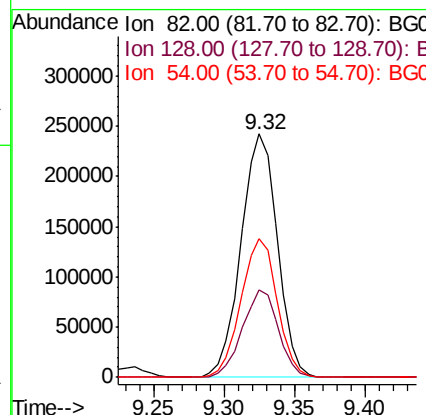
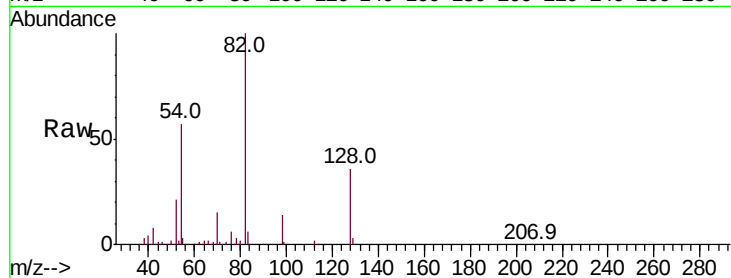




#23
 Nitrobenzene-d5
 Concen: 91.661 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

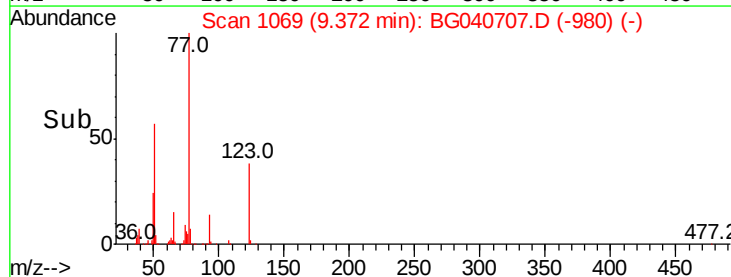
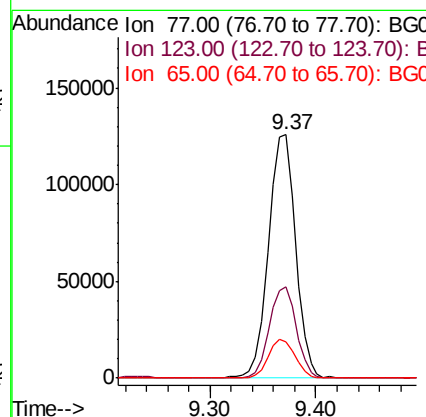
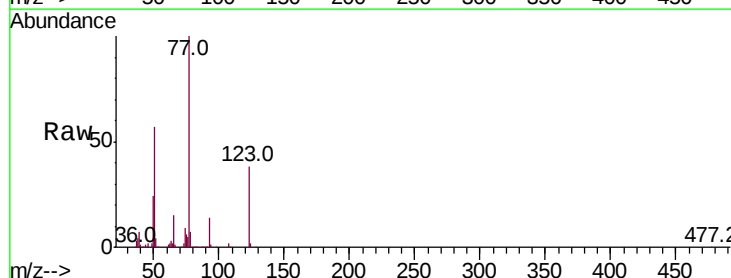
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

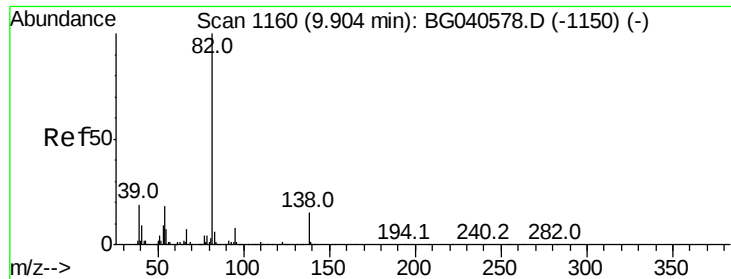
Tot Ion: 82 Resp: 437048
 Ion Ratio Lower Upper
 82 100
 128 35.9 28.9 43.3
 54 57.1 47.2 70.8



#24
 Nitrobenzene
 Concen: 44.244 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

Tgt Ion: 77 Resp: 225083
 Ion Ratio Lower Upper
 77 100
 123 37.6 27.8 41.6
 65 14.8 12.4 18.6





#25

Isophorone

Concen: 40.324 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

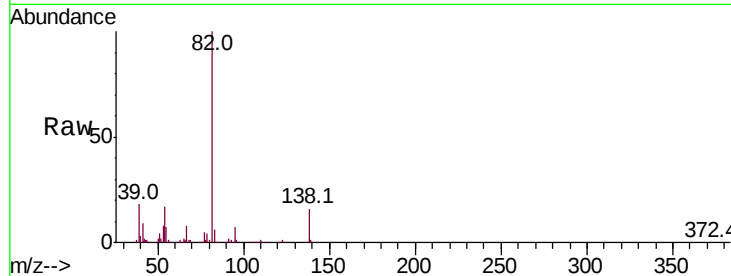
Tot Ion: 82 Resp: 428273

Ion Ratio Lower Upper

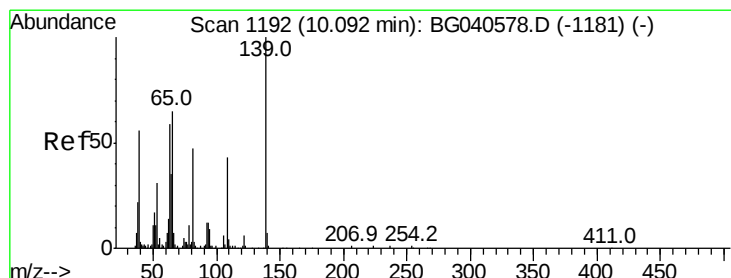
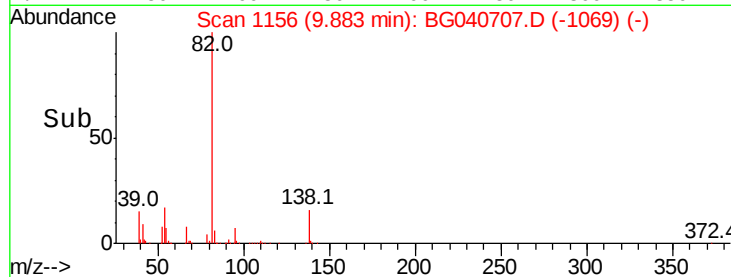
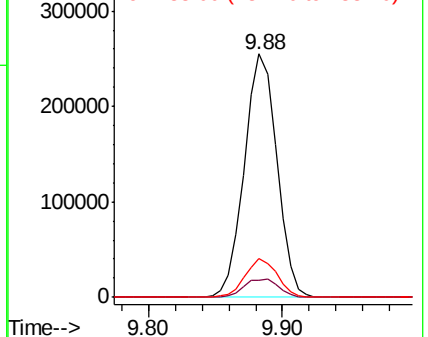
82 100

95 7.2 6.9 10.3

138 15.7 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: 50.424 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

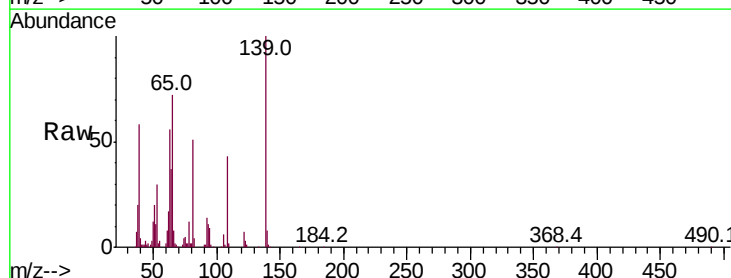
Tgt Ion: 139 Resp: 91951

Ion Ratio Lower Upper

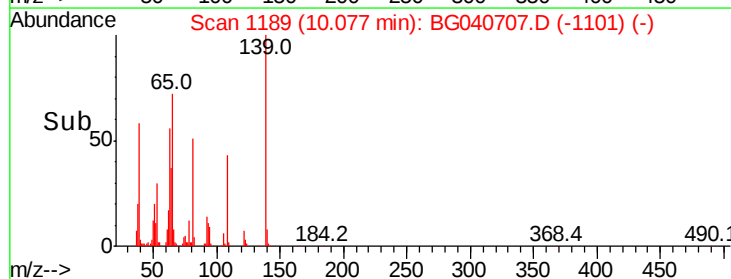
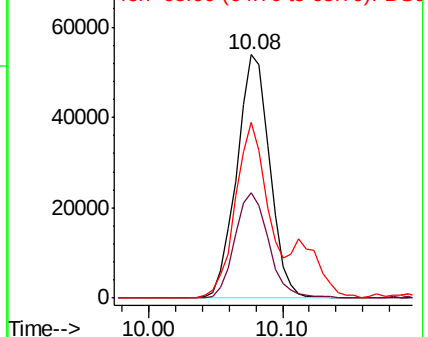
139 100

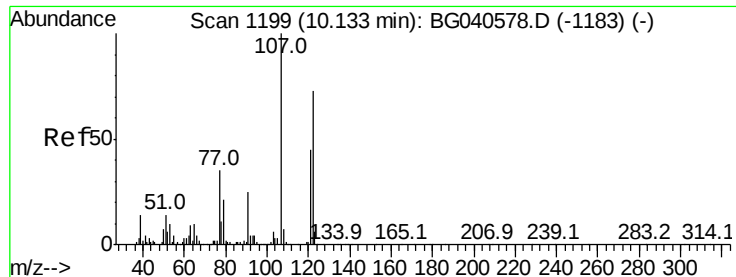
109 43.5 35.6 53.4

65 72.1 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: 41.997 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

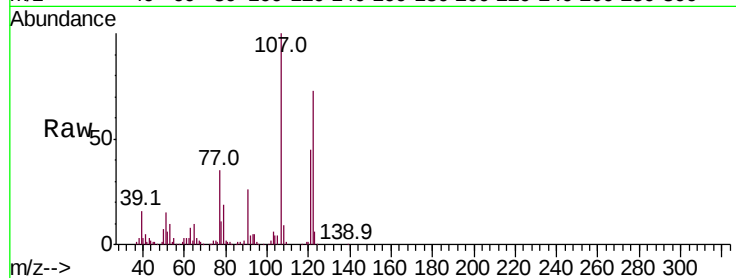
Tot Ion:122 Resp: 143694

Ion Ratio Lower Upper

122 100

107 137.7 110.1 165.1

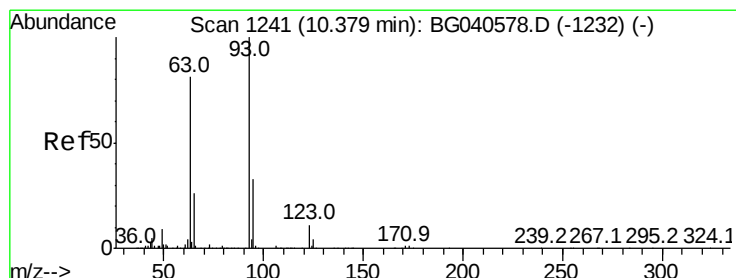
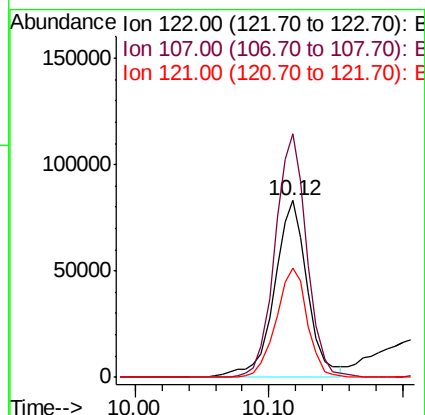
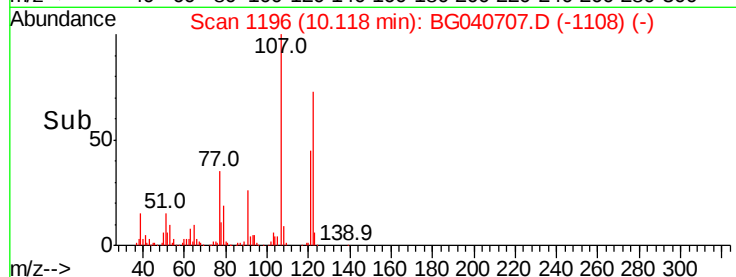
121 61.7 49.4 74.0



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: 41.252 ng

RT: 10.36 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

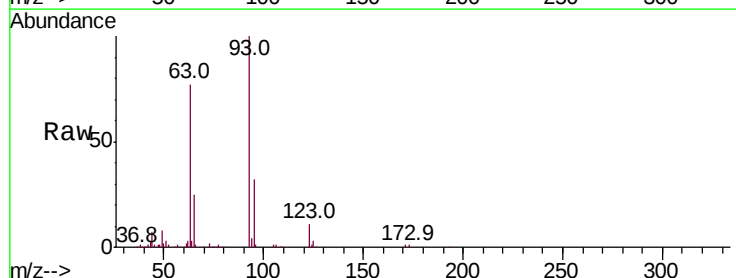
Tgt Ion: 93 Resp: 219818

Ion Ratio Lower Upper

93 100

95 32.1 26.6 40.0

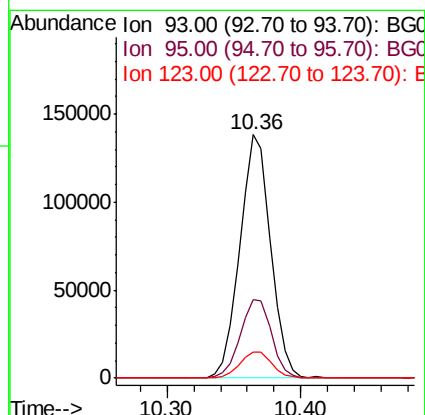
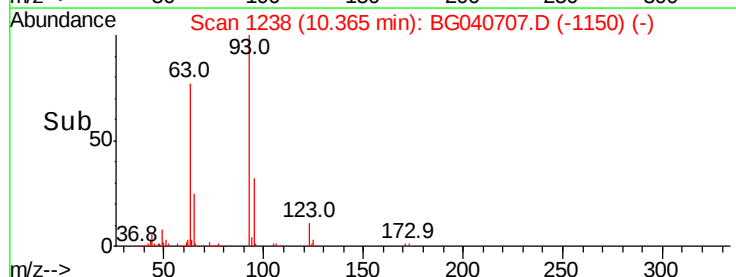
123 10.8 9.0 13.4

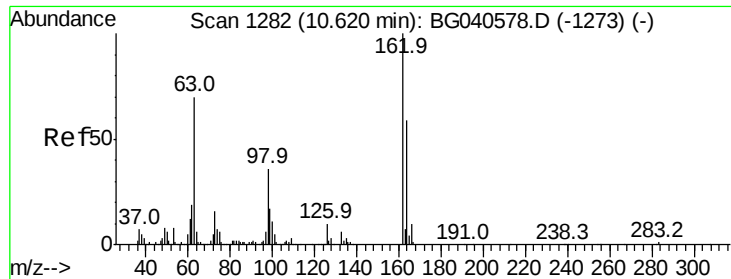


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

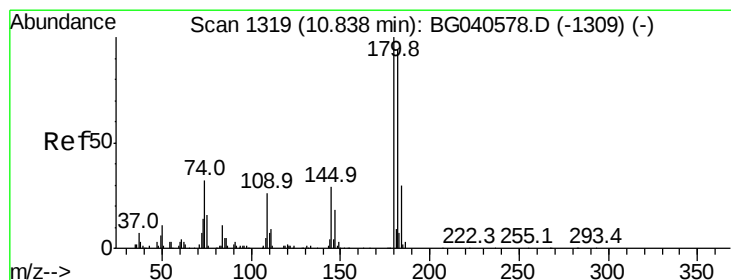
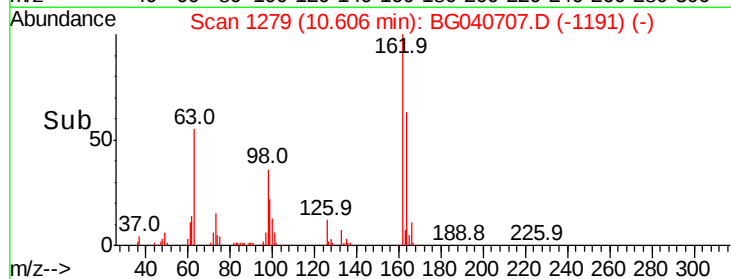
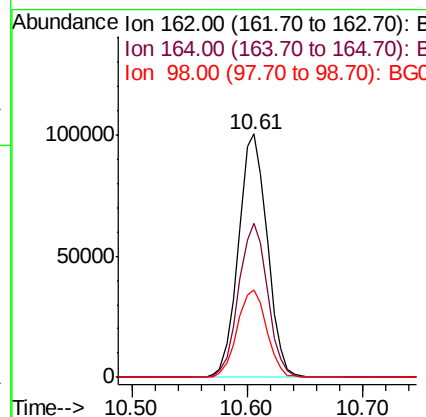
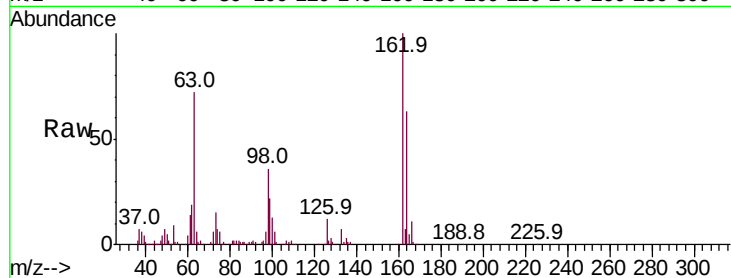




#29
2,4-Dichlorophenol
Concen: 44.538 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

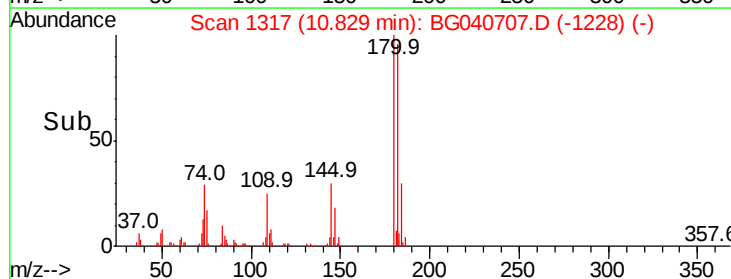
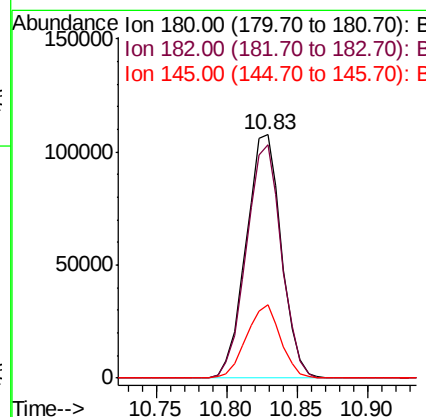
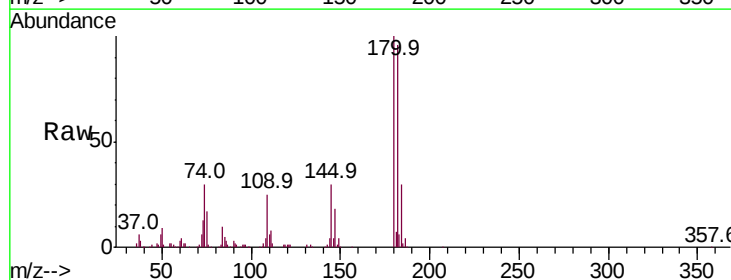
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

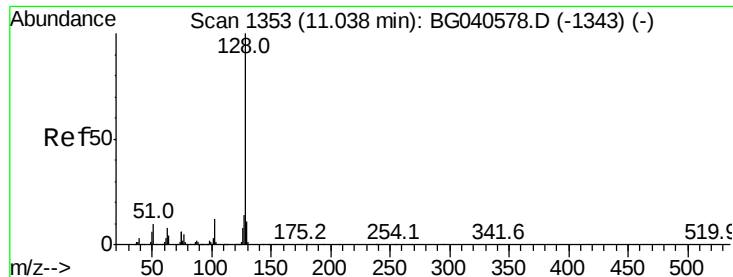
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	38.9	78.9
98	36.1	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 43.665 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.2	112.8
145	29.9	23.6	35.4

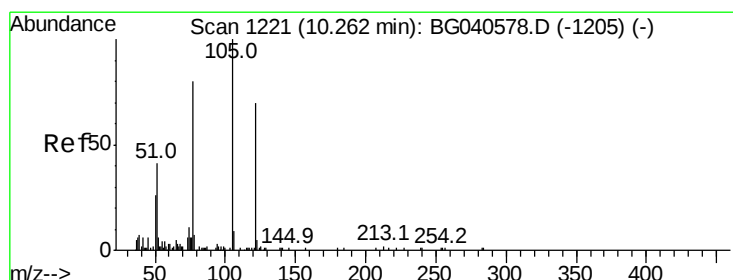
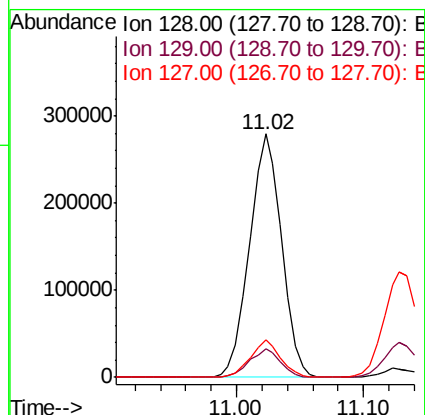
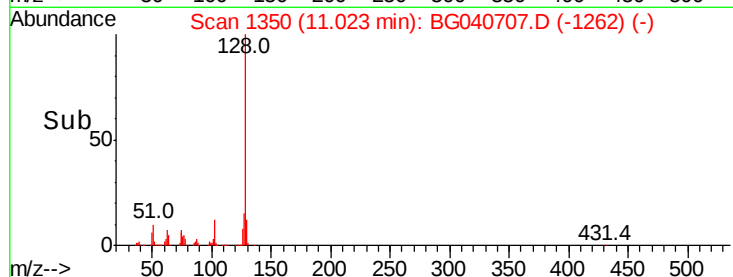
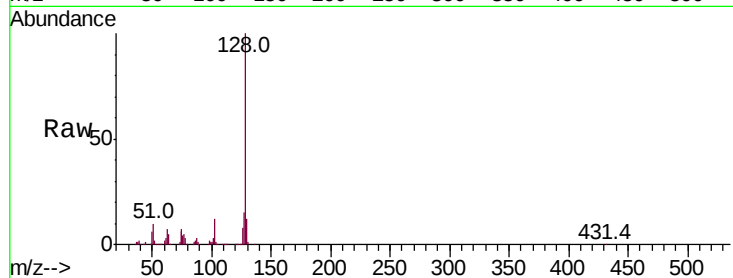




#31
Naphthalene
Concen: 41.915 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

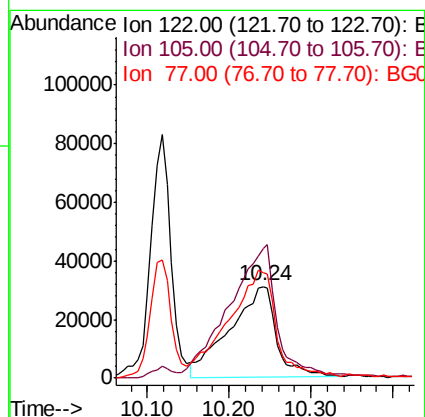
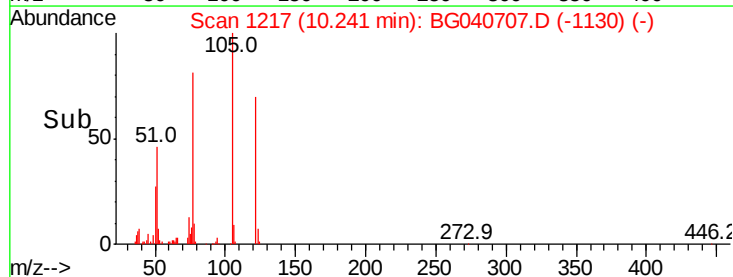
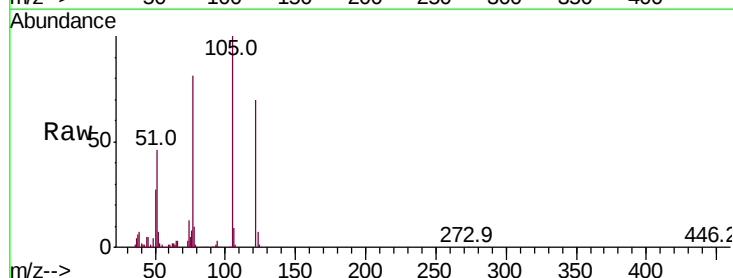
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

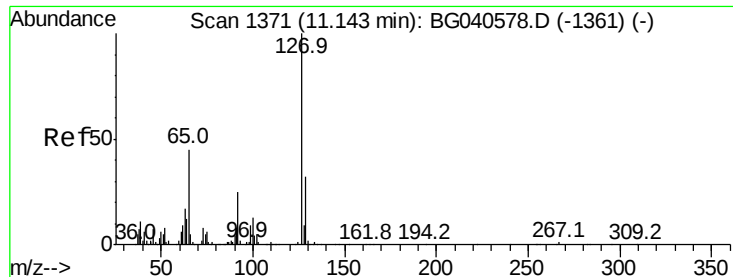
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	15.2	11.3	16.9



#32
Benzoic acid
Concen: 52.236 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.9	110.9	150.9
77	114.6	87.6	127.6

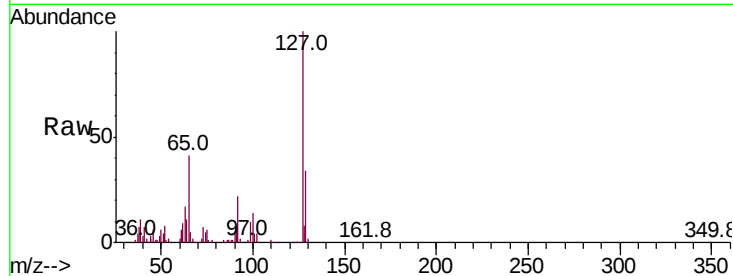




#33
4-Chloroaniline
Concen: 42.782 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	222022
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.7	38.5
65	41.1	36.1	54.1
92	22.4	20.1	30.1



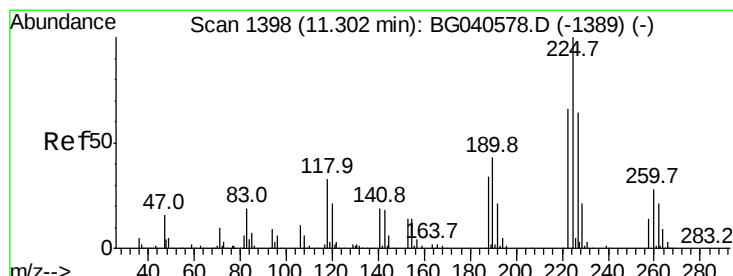
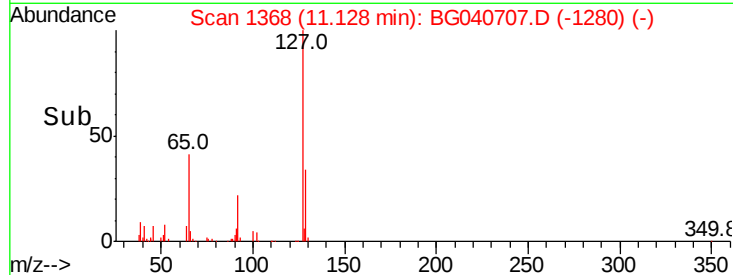
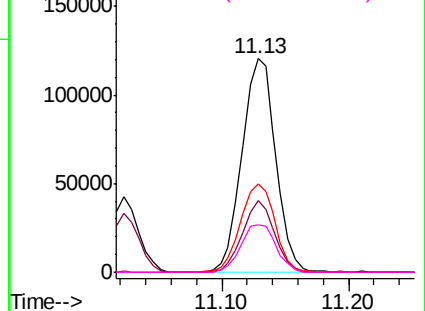
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

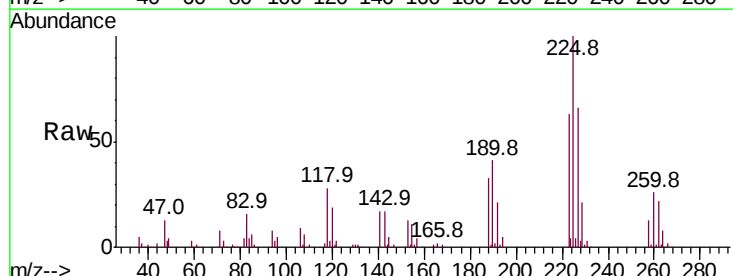
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 44.853 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion:	225	Resp:	142838
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	65.7	51.0	76.6

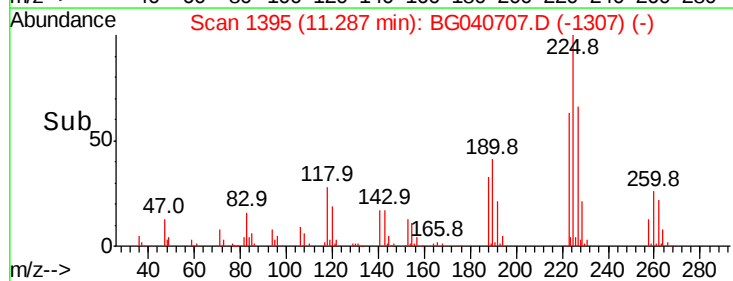
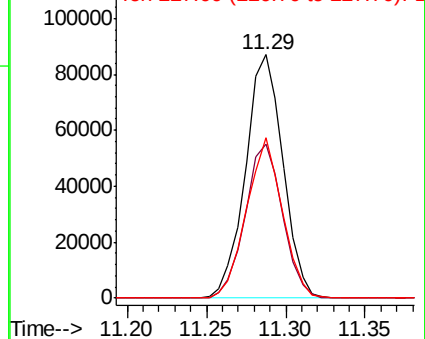


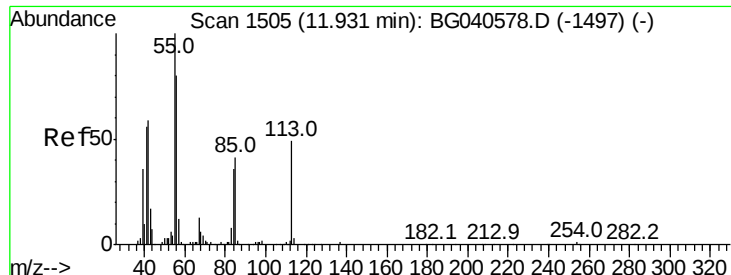
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.202 ng

RT: 11.92 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

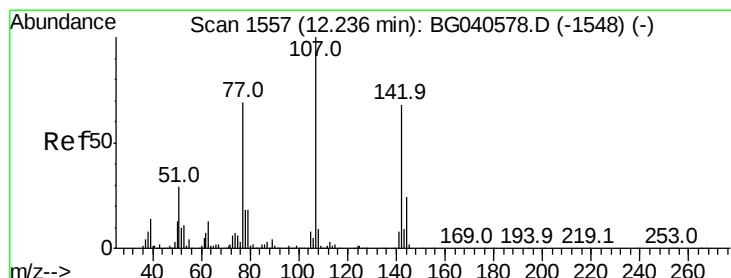
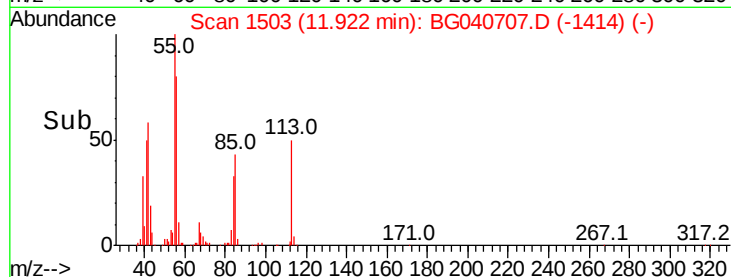
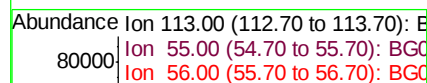
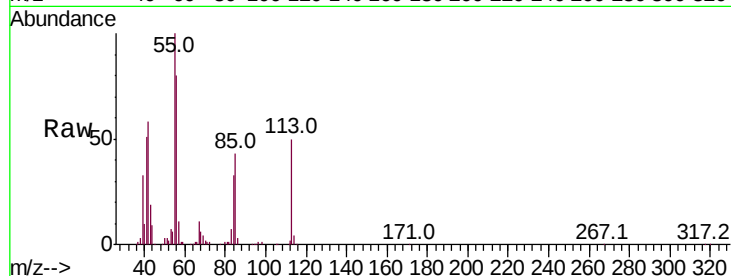
Tot Ion:113 Resp: 67883

Ion Ratio Lower Upper

113 100

55 198.6 198.6 238.6#

56 158.2 148.4 188.4



#36

4-Chloro-3-methylphenol

Concen: 44.796 ng

RT: 12.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

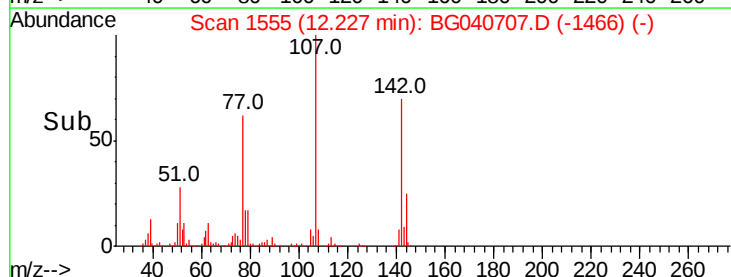
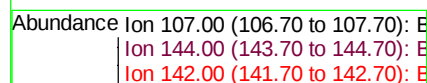
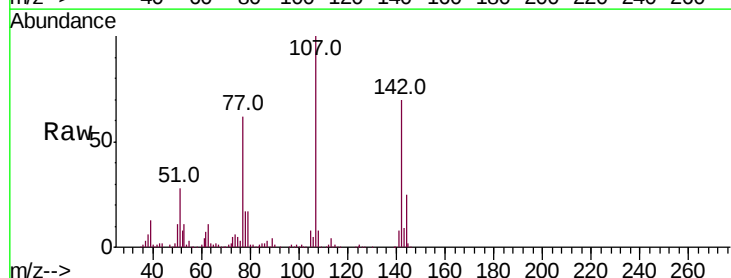
Tgt Ion:107 Resp: 219817

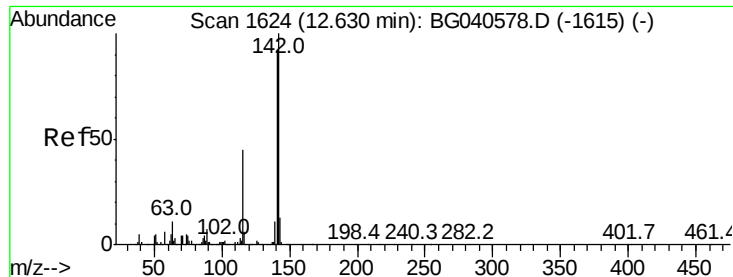
Ion Ratio Lower Upper

107 100

144 24.5 19.3 28.9

142 70.3 54.6 81.8

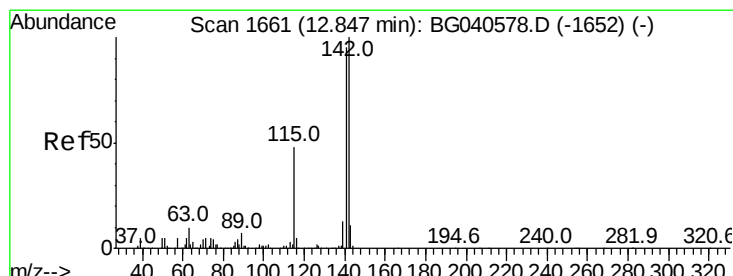
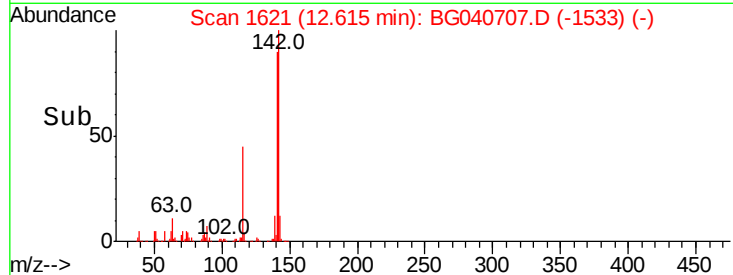
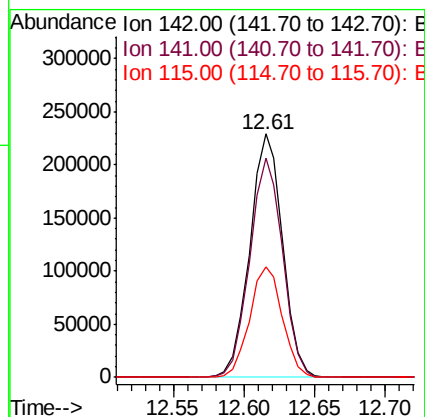
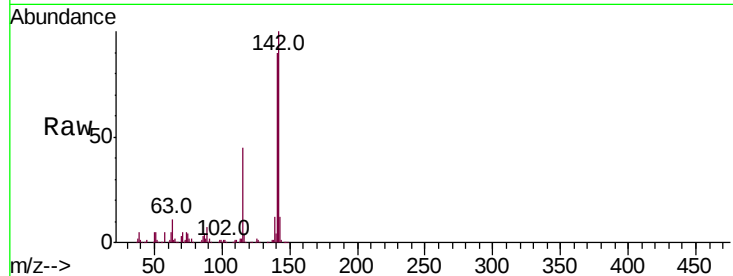




#37
2-Methylnaphthalene
Concen: 42.593 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

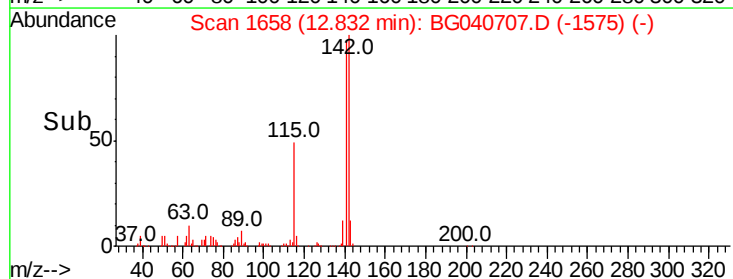
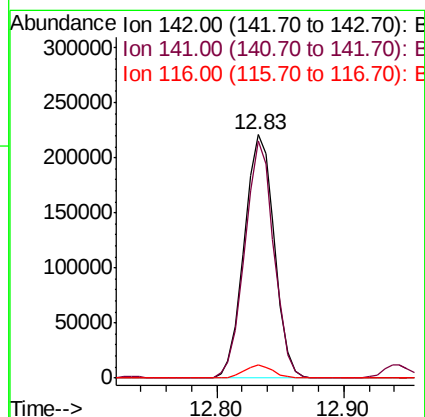
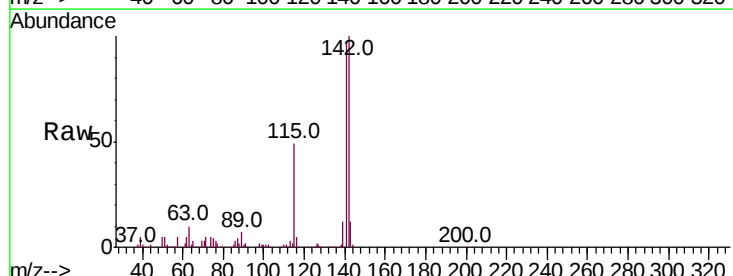
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

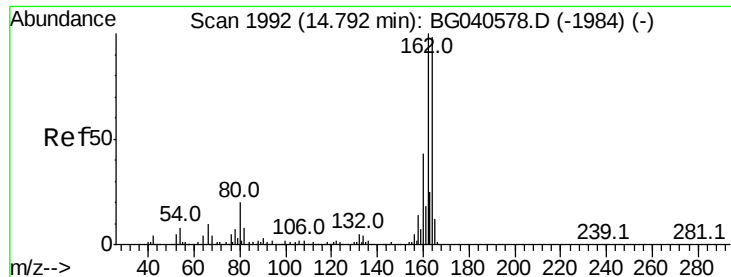
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.4	110.2
115	45.5	36.2	54.4



#38
1-Methylnaphthalene
Concen: 42.395 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.2	75.9	113.9
116	5.3	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

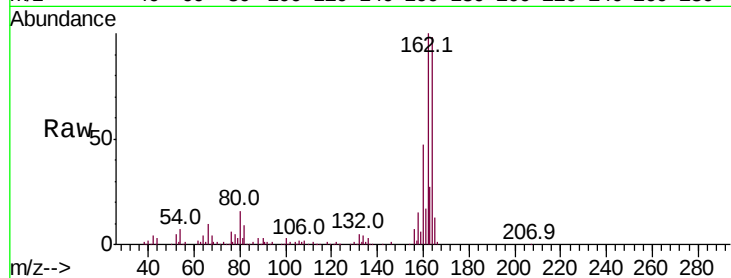
Tot Ion:164 Resp: 161568

Ion Ratio Lower Upper

164 100

162 102.2 81.9 122.9

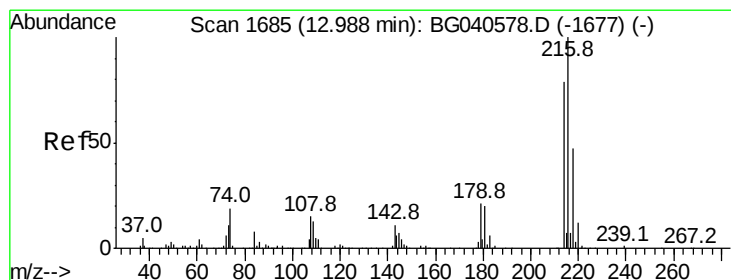
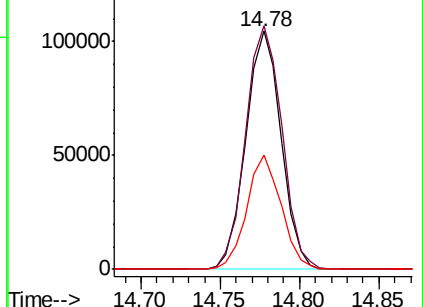
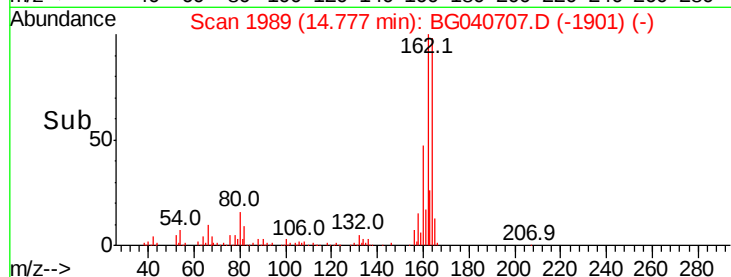
160 48.1 35.4 53.2



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: 42.054 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Tgt Ion:216 Resp: 253117

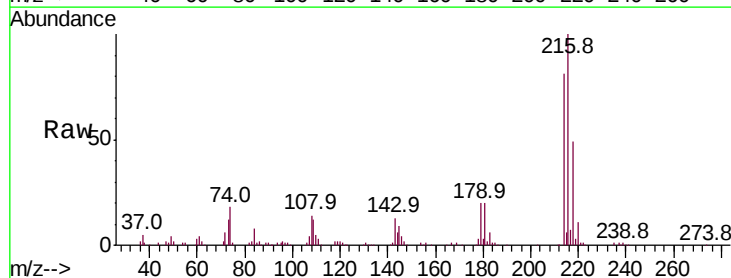
Ion Ratio Lower Upper

216 100

214 80.2 63.7 95.5

179 19.7 16.6 24.8

108 17.4 14.7 22.1

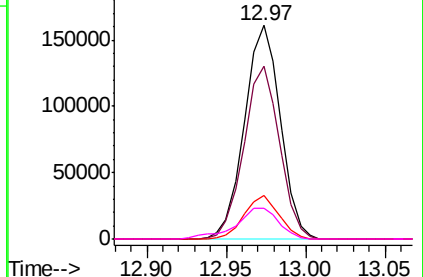
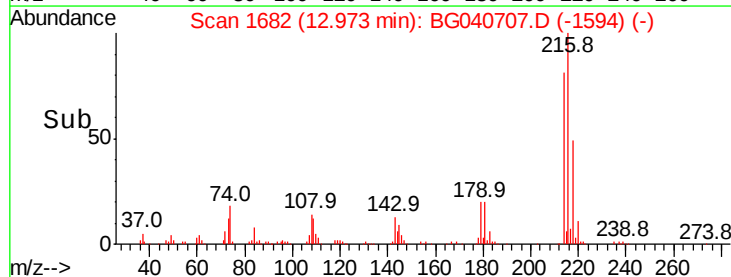


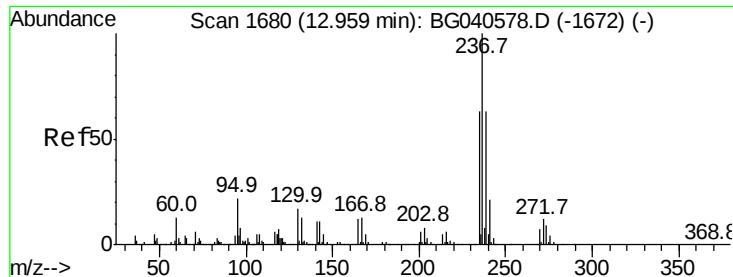
Abundance Ion 216.00 (215.70 to 216.70): E

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: 51.803 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

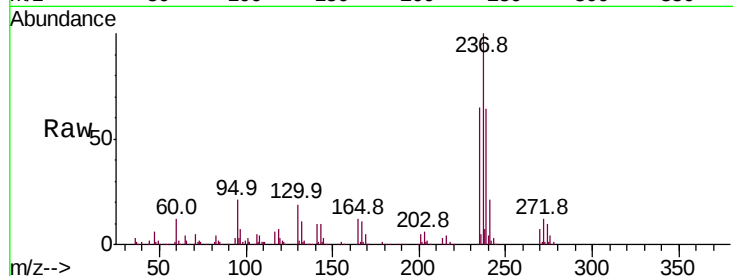
Tot Ion:237 Resp: 183982

Ion Ratio Lower Upper

237 100

235 64.7 42.5 82.5

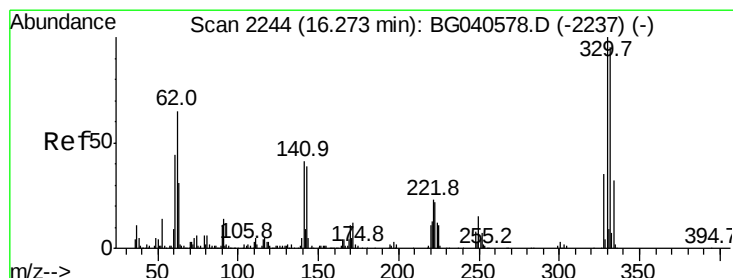
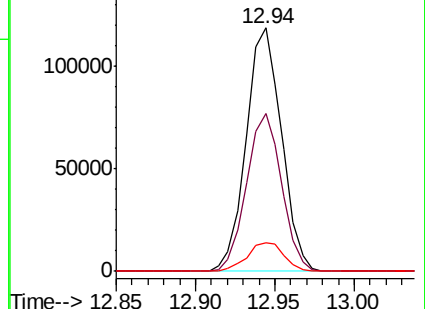
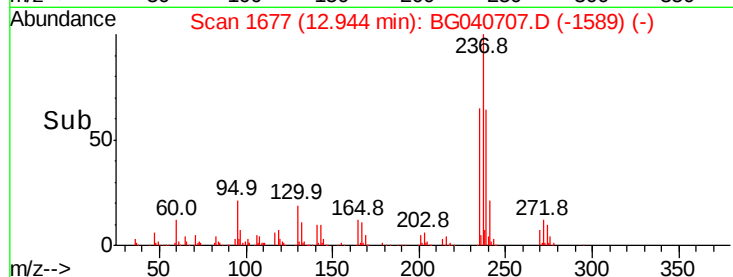
272 11.7 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.642 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

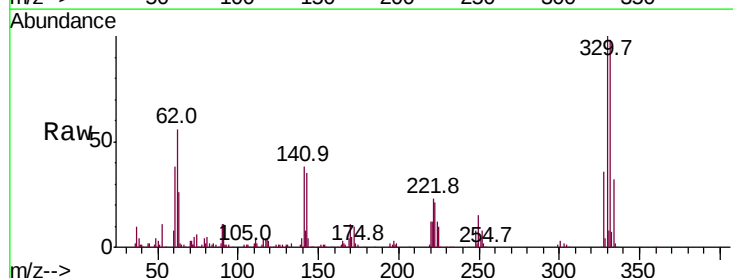
Tgt Ion:330 Resp: 205739

Ion Ratio Lower Upper

330 100

332 95.6 75.9 113.9

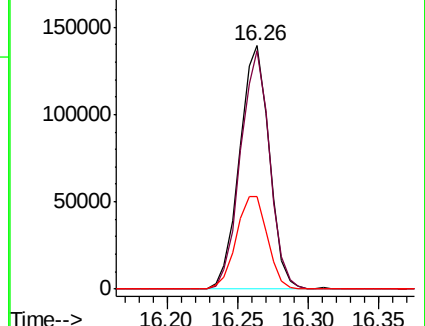
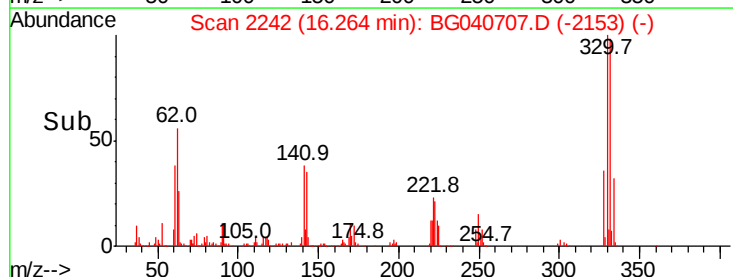
141 39.8 32.4 48.6

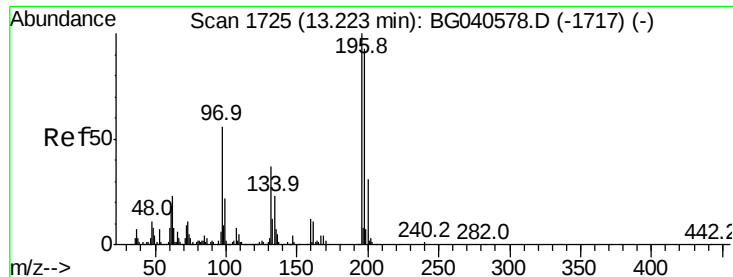


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

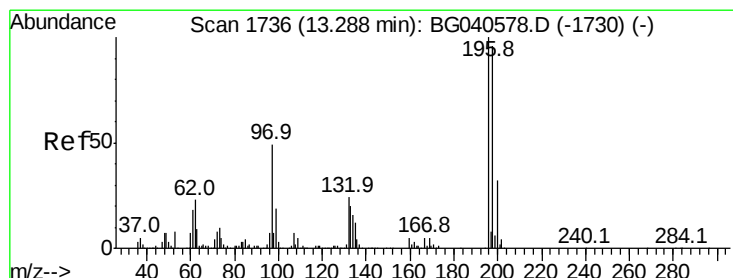
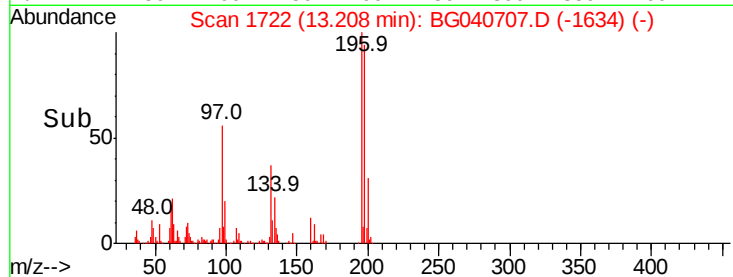
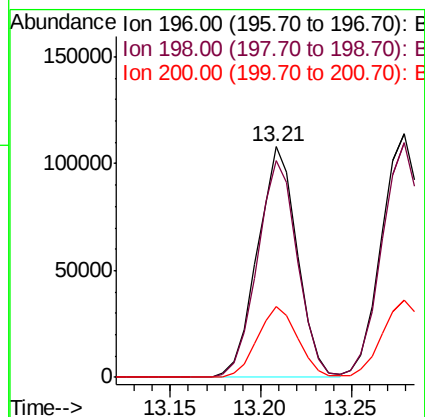
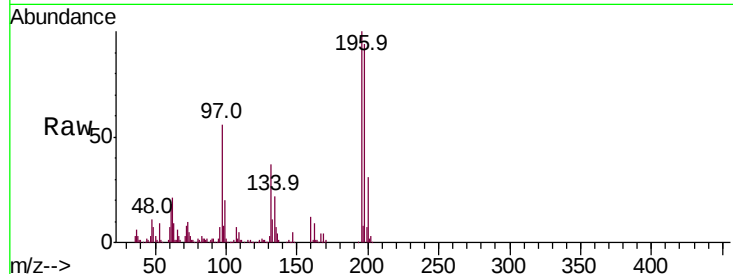




#43
 2,4,6-Trichlorophenol
 Concen: 45.072 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

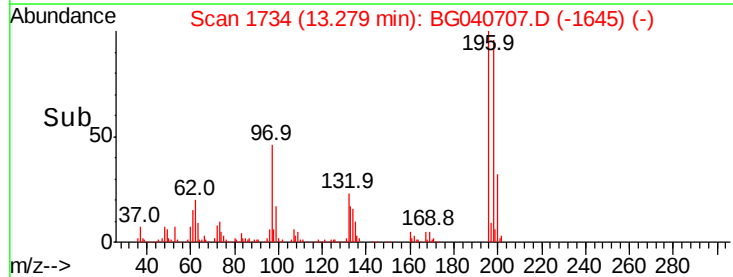
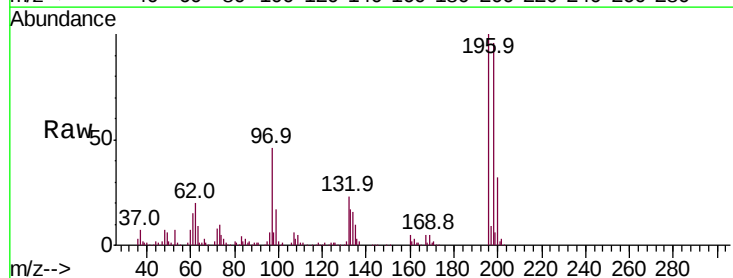
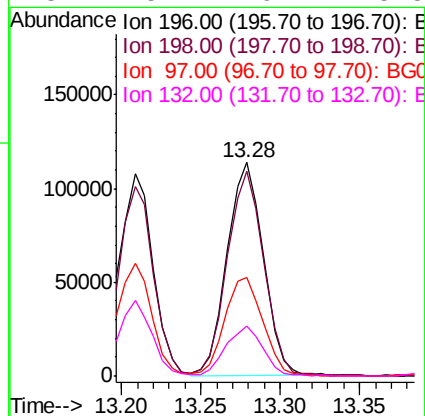
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

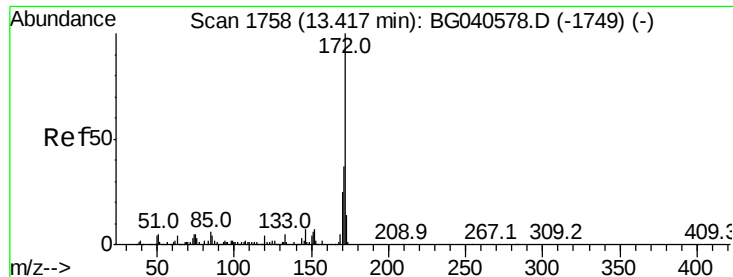
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.8	112.2
200	30.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.689 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.0	115.6
97	46.2	40.0	60.0
132	23.2	19.2	28.8

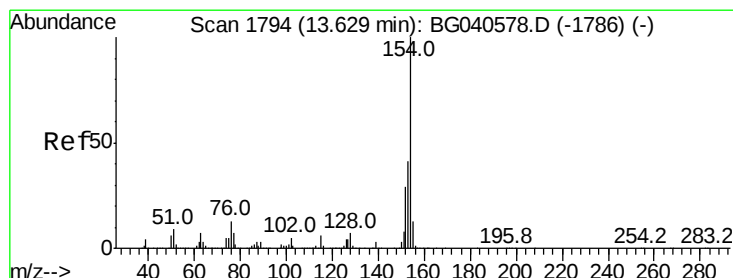
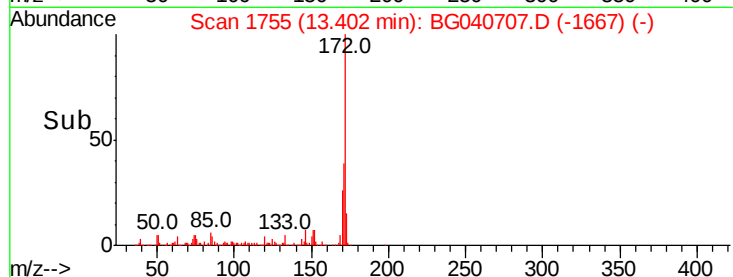
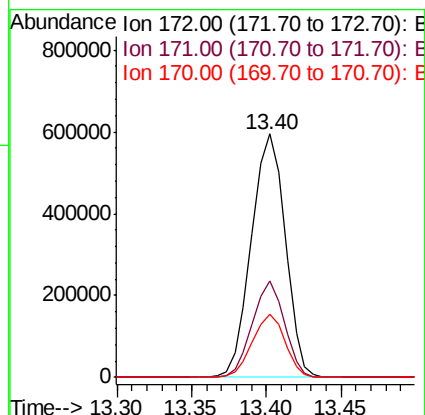
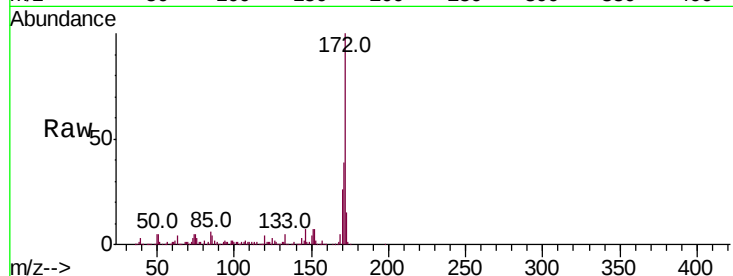




#45
2-Fluorobiphenyl
Concen: 83.483 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

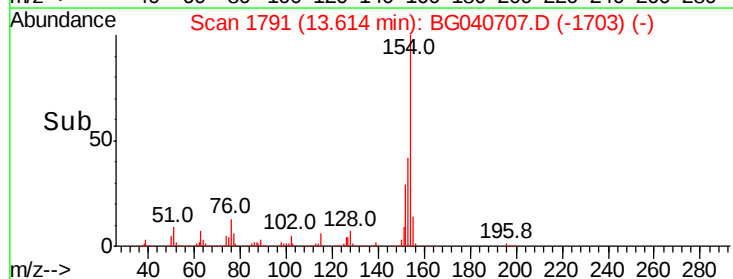
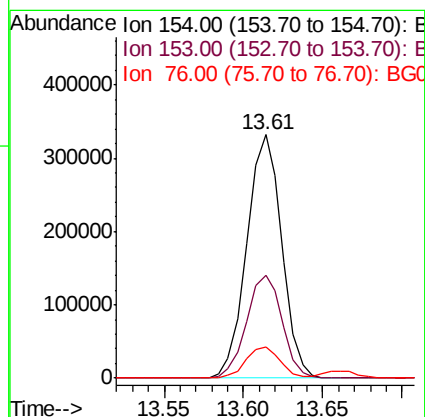
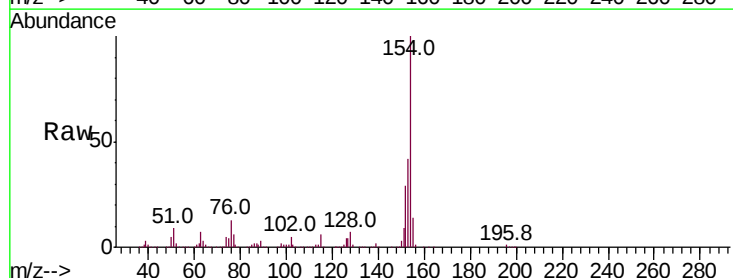
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

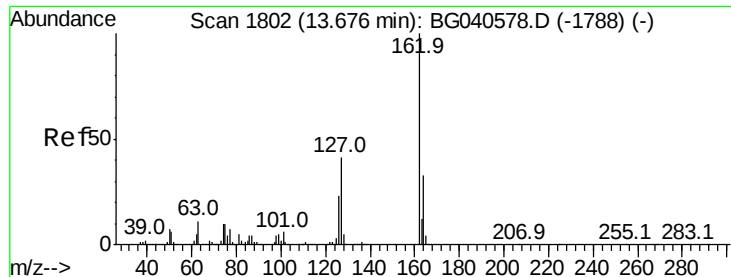
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.4	44.2
170	25.7	19.9	29.9



#46
1,1'-Biphenyl
Concen: 40.380 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.5	60.5
76	13.0	0.0	32.5

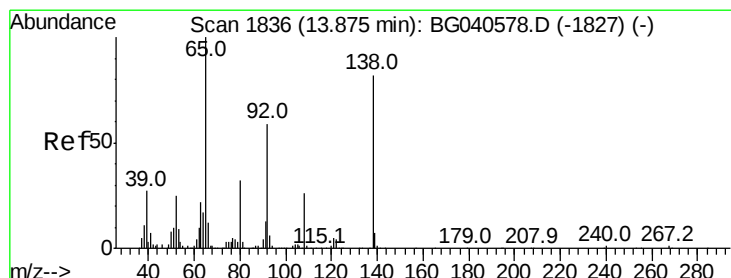
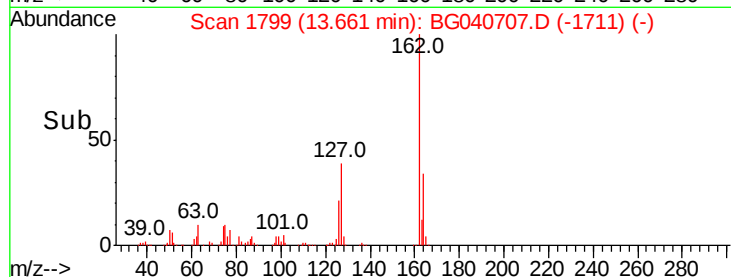
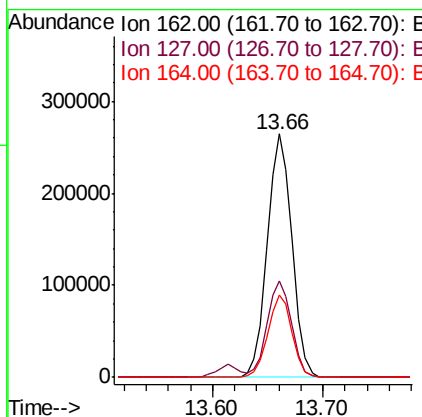
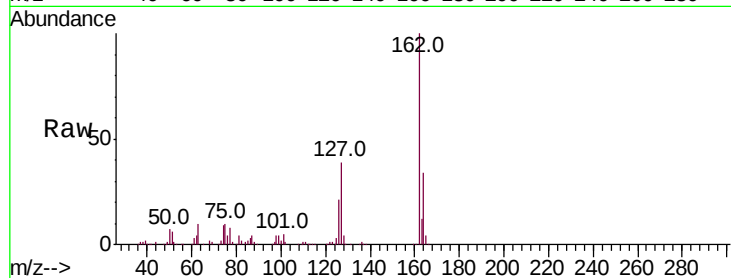




#47
2-Chloronaphthalene
Concen: 42.062 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

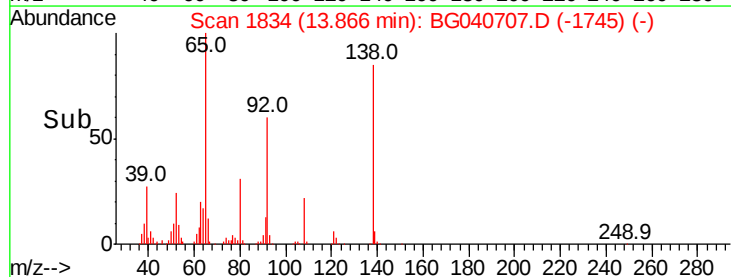
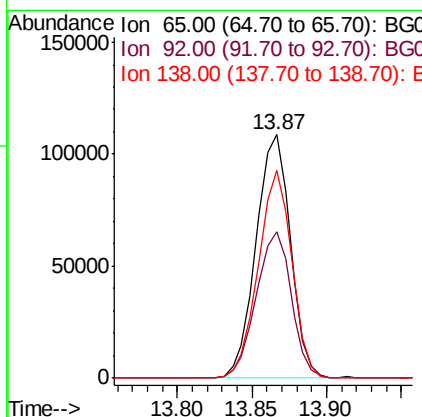
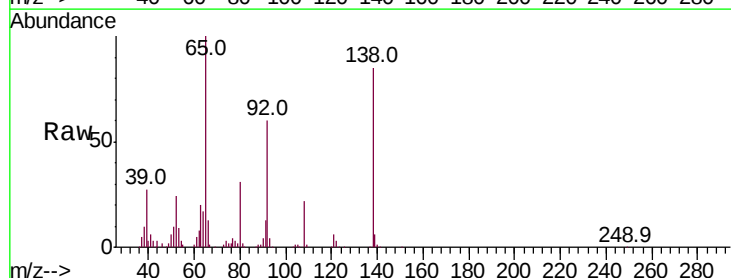
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

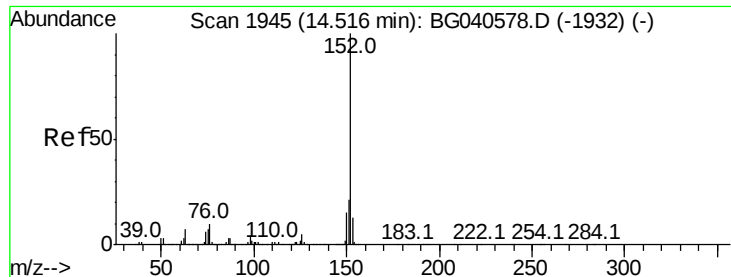
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.0	49.4
164	33.7	26.8	40.2



#48
2-Nitroaniline
Concen: 49.537 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.0	47.4	71.0
138	85.2	66.1	99.1





#49

Acenaphthylene

Concen: 41.160 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

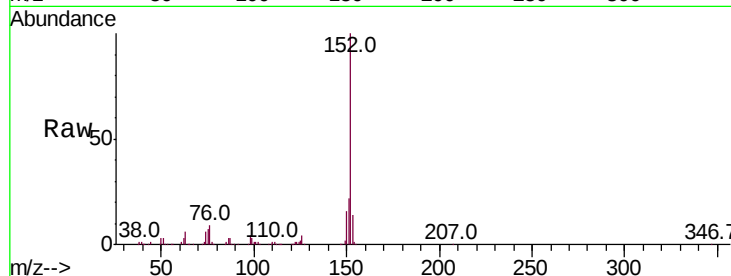
Tot Ion:152 Resp: 685551

Ion Ratio Lower Upper

152 100

151 21.9 17.2 25.8

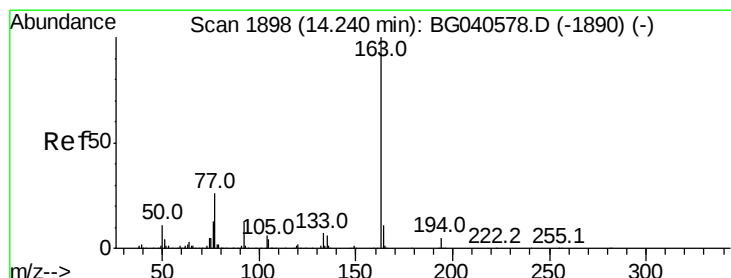
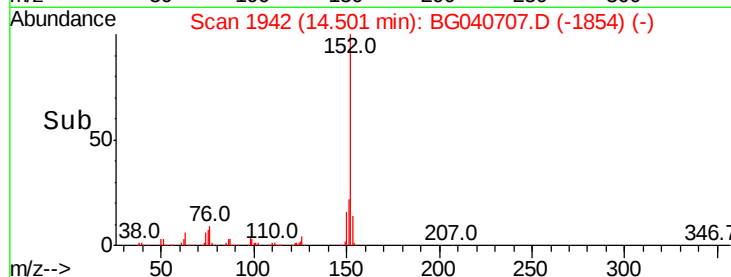
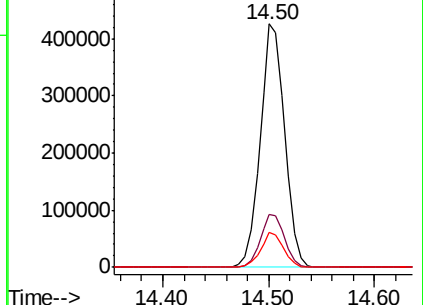
153 14.2 10.7 16.1



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: 42.472 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

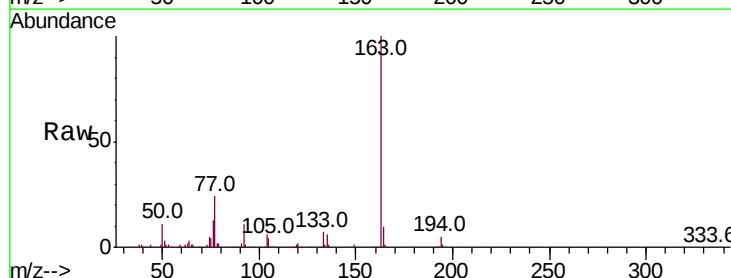
Tgt Ion:163 Resp: 574134

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

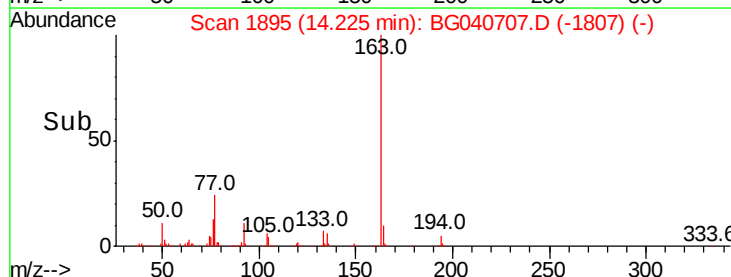
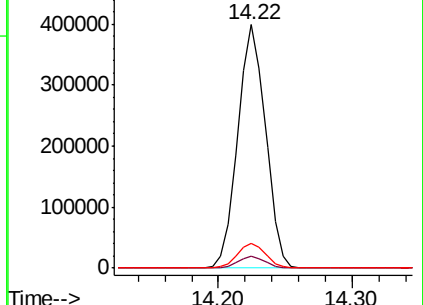
164 10.3 8.8 13.2

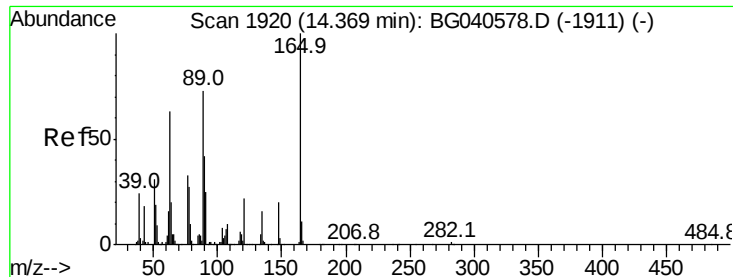


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.504 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

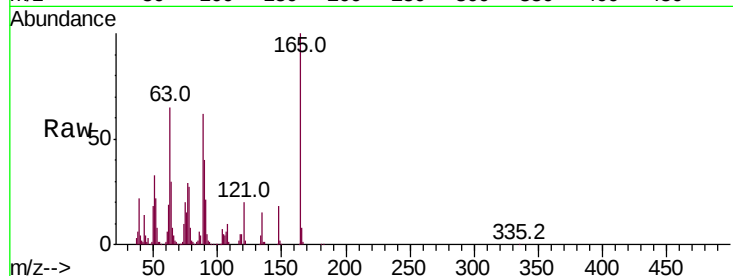
Tot Ion:165 Resp: 130606

Ion Ratio Lower Upper

165 100

63 65.4 61.0 91.4

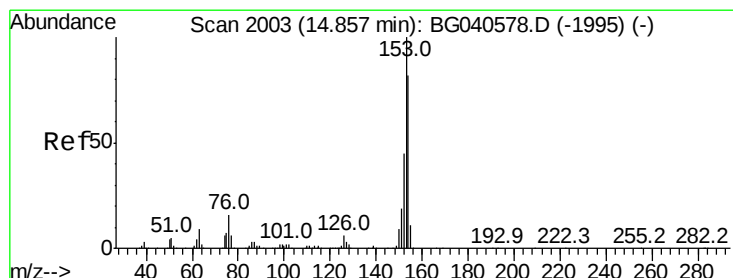
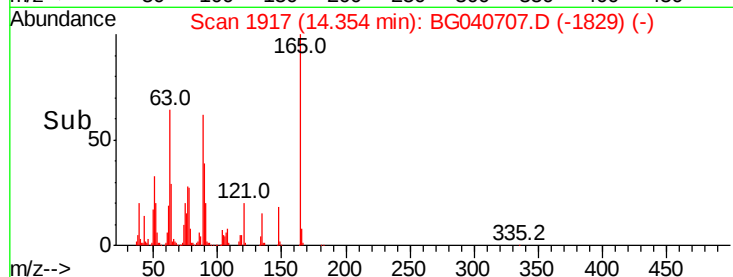
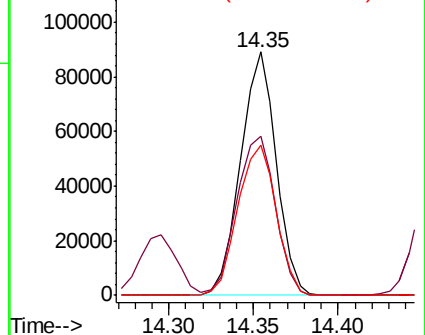
89 61.8 58.6 87.8



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: 41.037 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

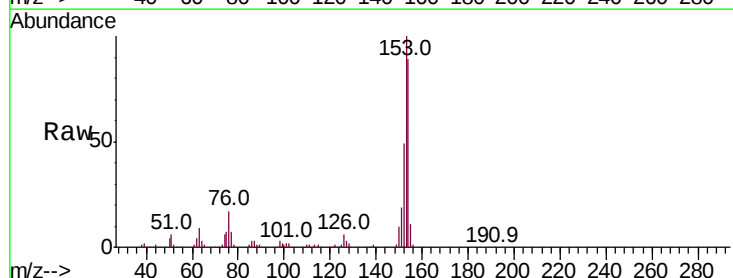
Tgt Ion:154 Resp: 398045

Ion Ratio Lower Upper

154 100

153 112.0 97.0 145.6

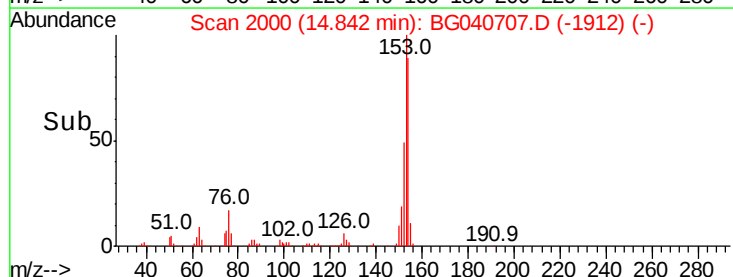
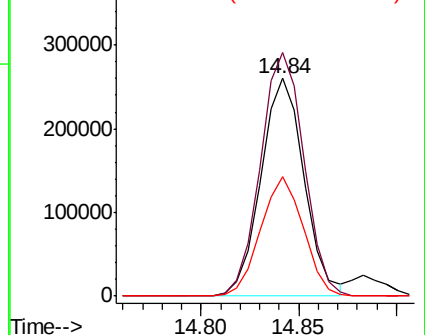
152 55.1 44.1 66.1

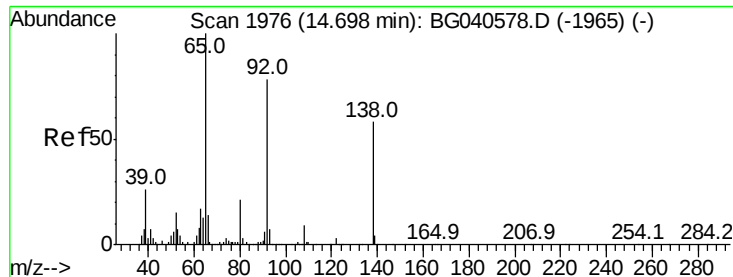


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

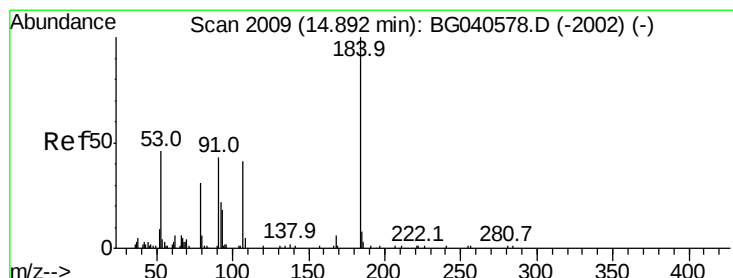
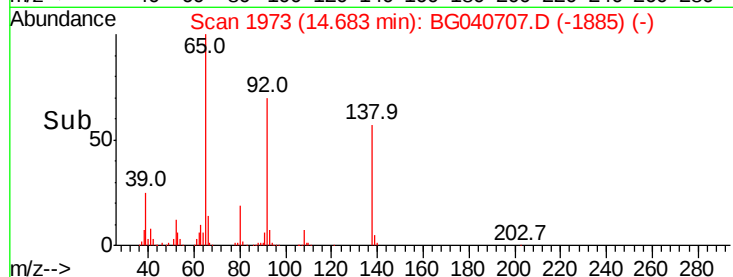
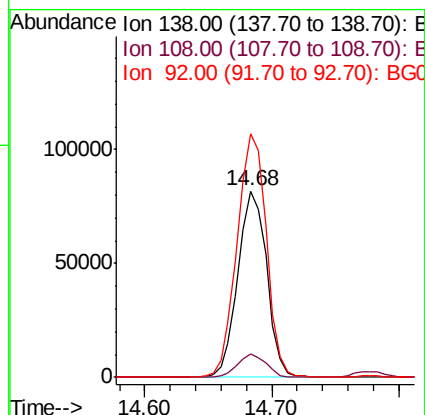
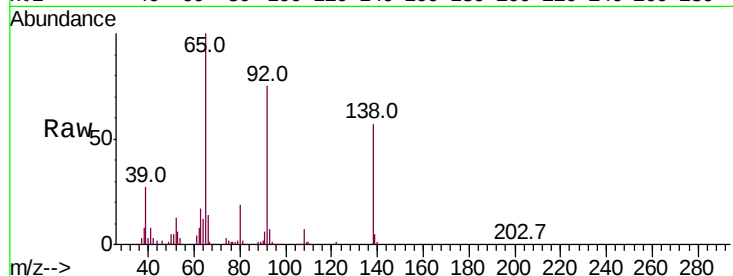




#53
3-Nitroaniline
Concen: 47.684 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

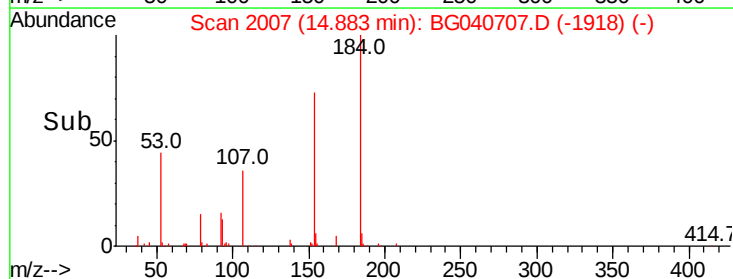
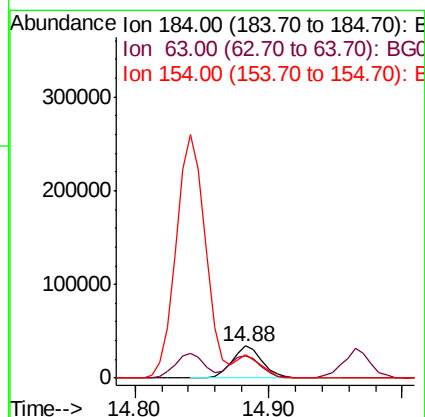
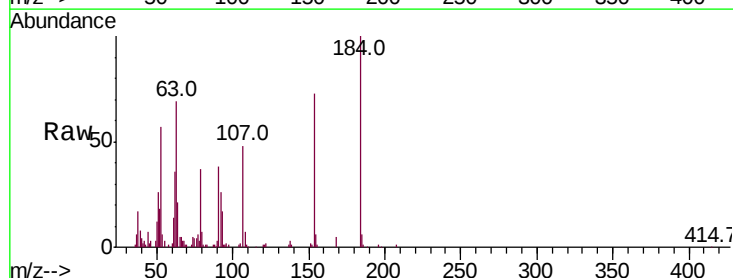
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

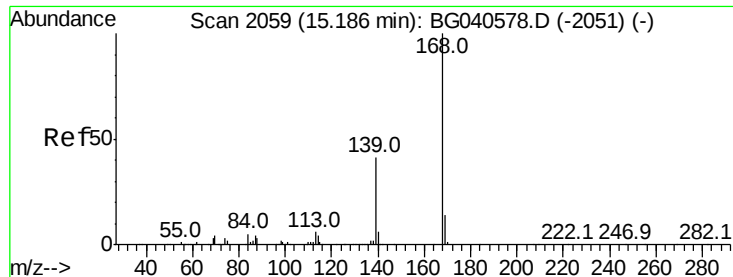
Tot Ion:138 Resp: 128902
Ion Ratio Lower Upper
138 100
108 12.9 12.4 18.6
92 130.5 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 40.050 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion:184 Resp: 53881
Ion Ratio Lower Upper
184 100
63 69.1 51.8 77.6
154 73.0 43.6 65.4#





#55

Dibenzofuran

Concen: 42.238 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

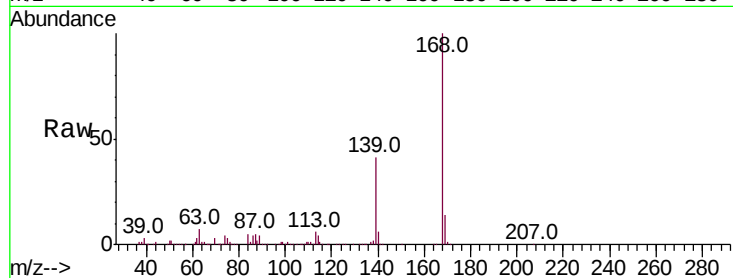
Tot Ion:168 Resp: 671056

Ion Ratio Lower Upper

168 100

139 41.0 33.0 49.4

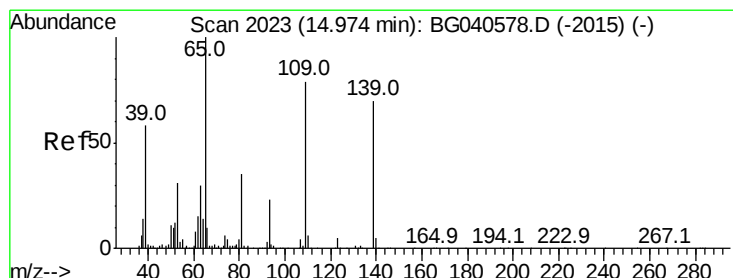
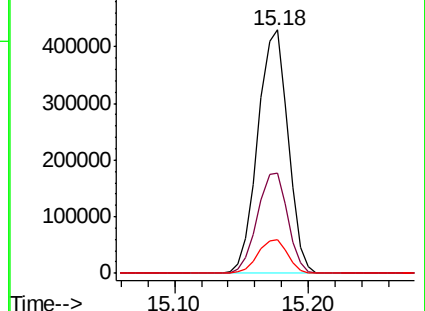
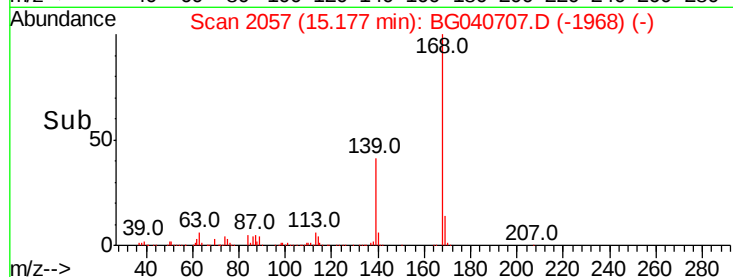
169 13.8 11.0 16.4



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: 45.724 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

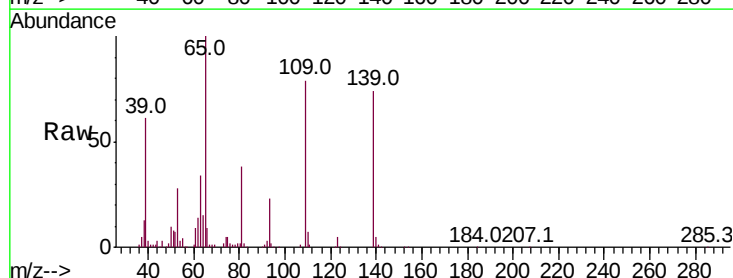
Tgt Ion:139 Resp: 107179

Ion Ratio Lower Upper

139 100

109 107.3 93.8 133.8

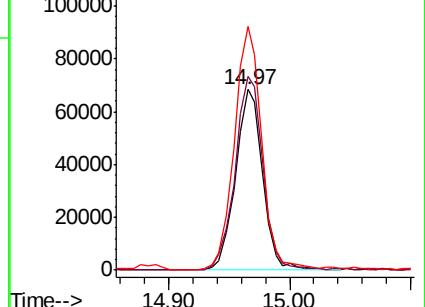
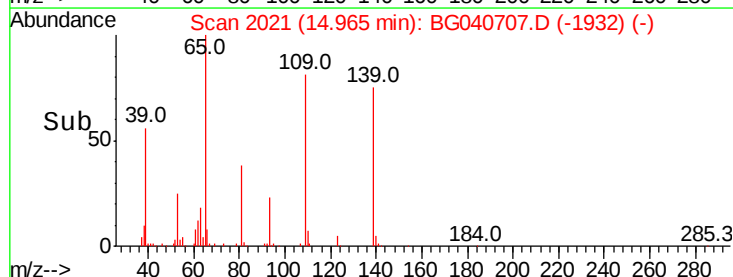
65 135.0 122.7 162.7

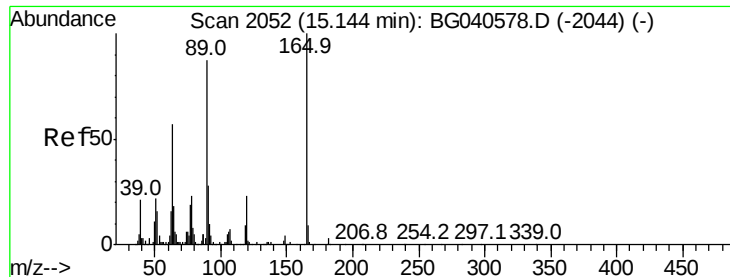


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 52.349 ng

RT: 15.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 187672

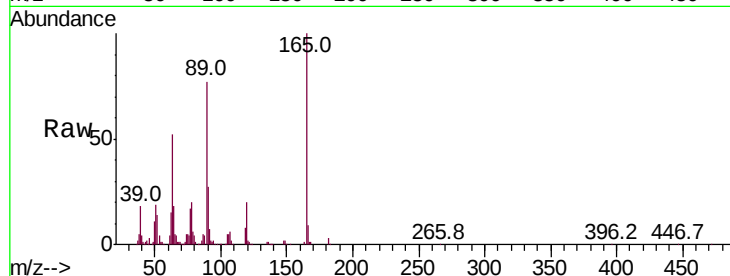
Ion Ratio Lower Upper

165 100

63 51.5 45.8 68.8

89 77.5 69.4 104.2

182 3.3 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

200000 Ion 63.00 (62.70 to 63.70): BGC

150000 Ion 89.00 (88.70 to 89.70): BGC

100000 Ion 182.00 (181.70 to 182.70): E

50000

15.14

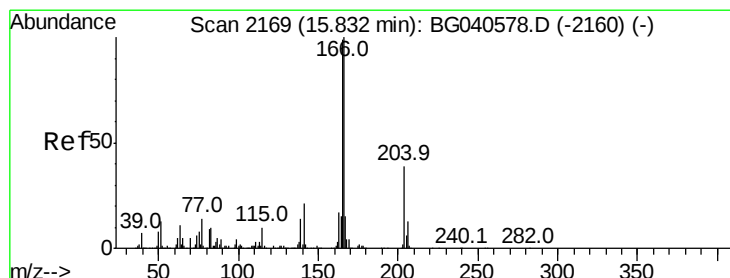
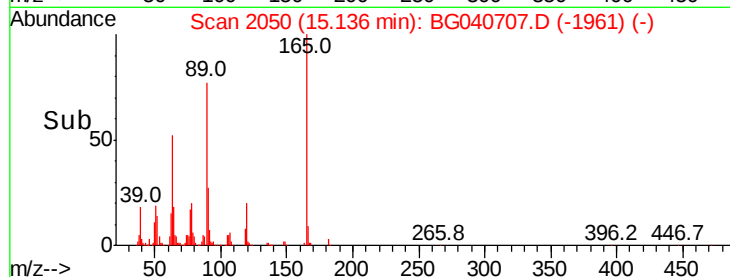
100000

50000

0

15.10 15.20

Time-->



#58

Fluorene

Concen: 42.087 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

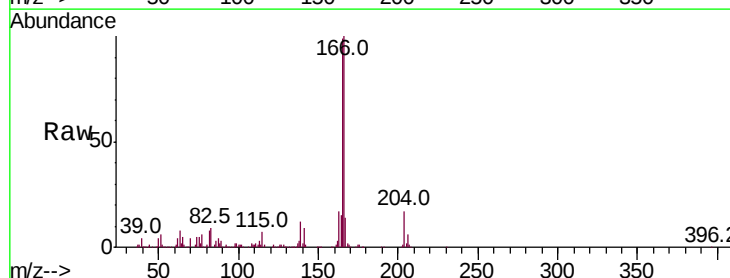
Tgt Ion:166 Resp: 540451

Ion Ratio Lower Upper

166 100

165 99.4 79.6 119.4

167 14.2 12.2 18.2



Abundance Ion 166.00 (165.70 to 166.70): E

400000 Ion 165.00 (164.70 to 165.70): E

300000 Ion 167.00 (166.70 to 167.70): E

200000

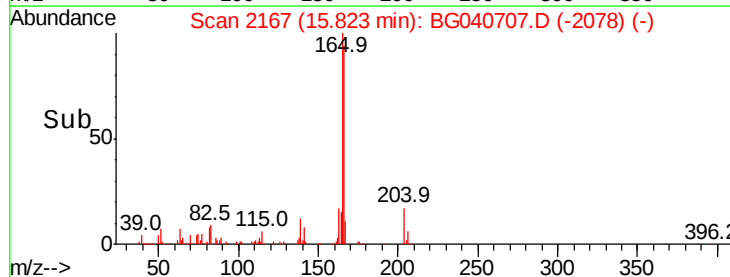
100000

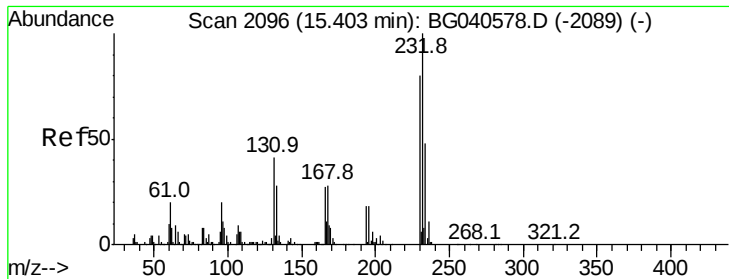
0

15.82

15.75 15.85 15.90

Time-->

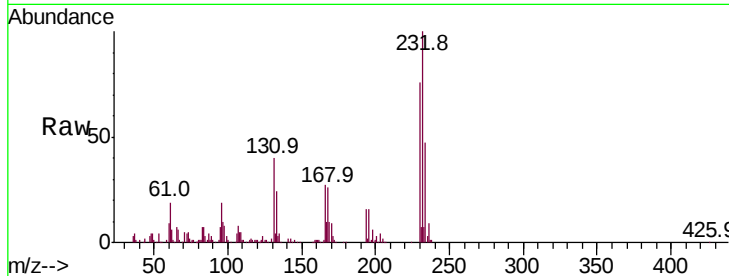




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.124 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	183942
Ion	Ratio	Lower	Upper
232	100		
131	39.8	33.0	49.4
130	2.5	2.0	3.0
166	26.3	22.1	33.1



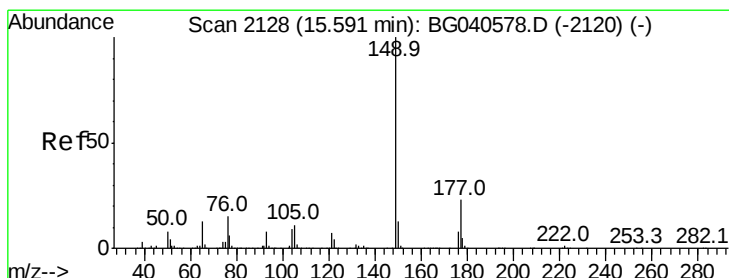
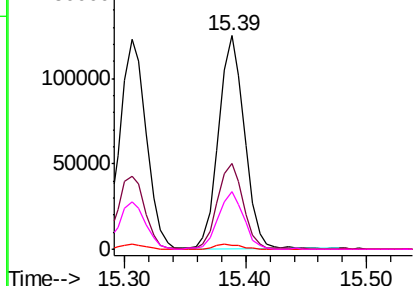
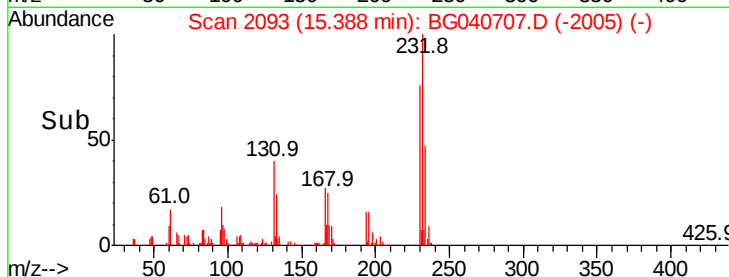
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

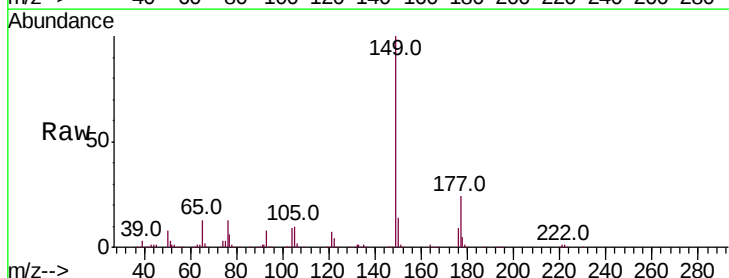
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.315 ng
 RT: 15.58 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

Tgt Ion:	149	Resp:	589258
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.5	27.7
150	13.9	10.2	15.4

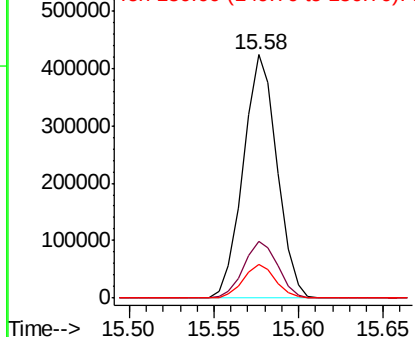
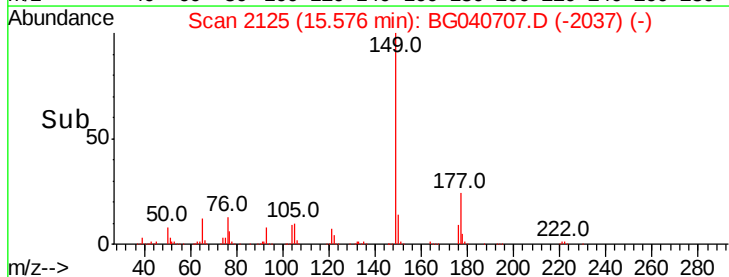


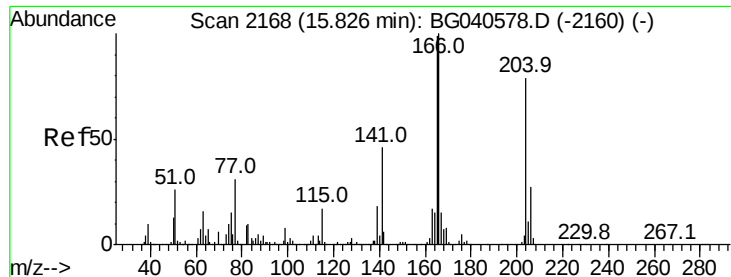
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

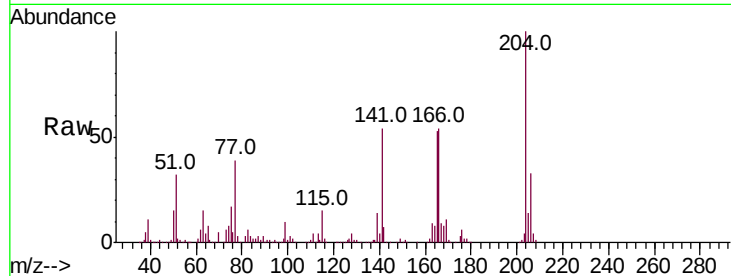




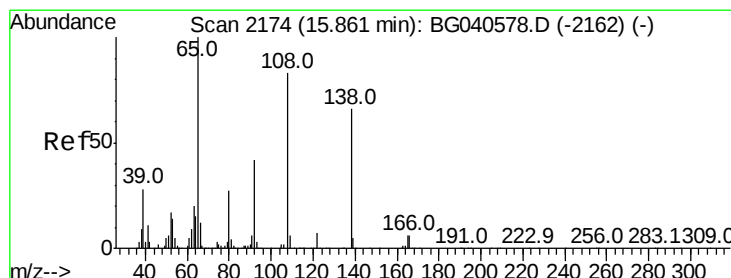
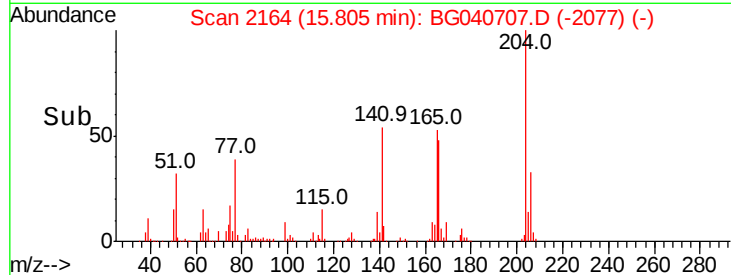
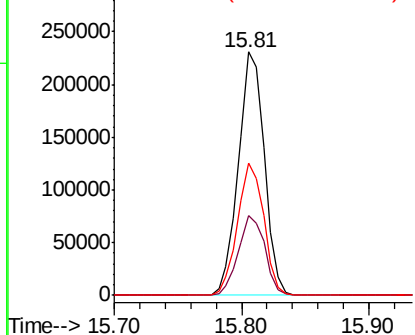
#61
4-Chlorophenyl-phenylether
Concen: 43.876 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 327685
Ion Ratio Lower Upper
204 100
206 32.7 27.4 41.2
141 54.3 46.0 69.0

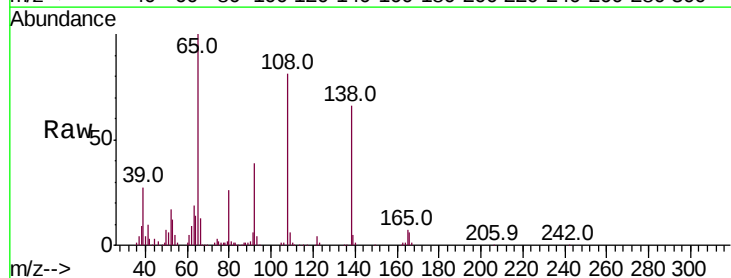


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

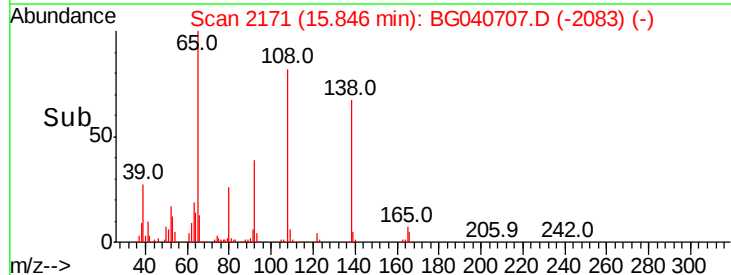
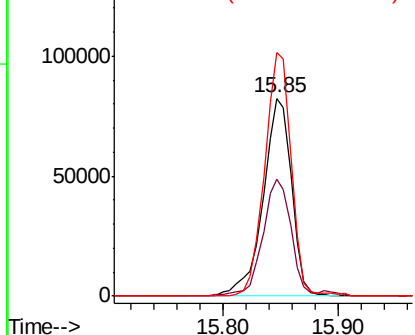


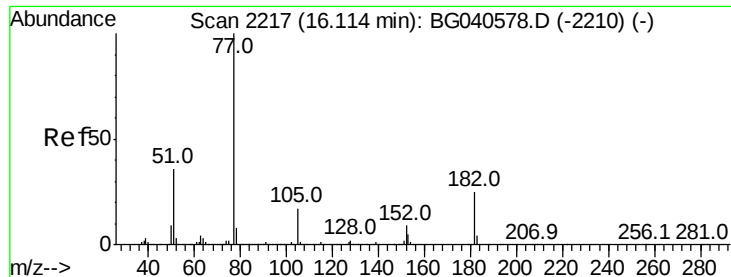
#62
4-Nitroaniline
Concen: 46.858 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion:138 Resp: 141695
Ion Ratio Lower Upper
138 100
92 59.0 43.9 83.9
108 122.9 106.5 146.5



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





#63

Azobenzene

Concen: 40.030 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 587981

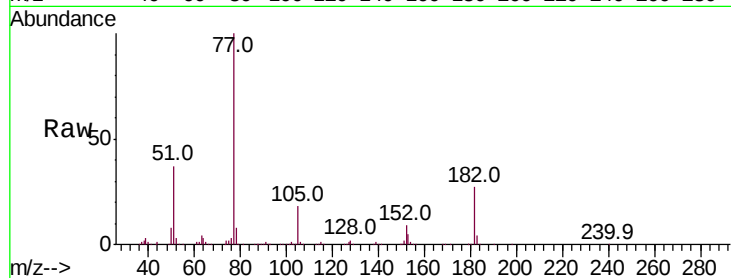
Ion Ratio Lower Upper

77 100

182 26.8 5.0 45.0

105 18.1 0.0 37.6

51 37.2 16.3 56.3

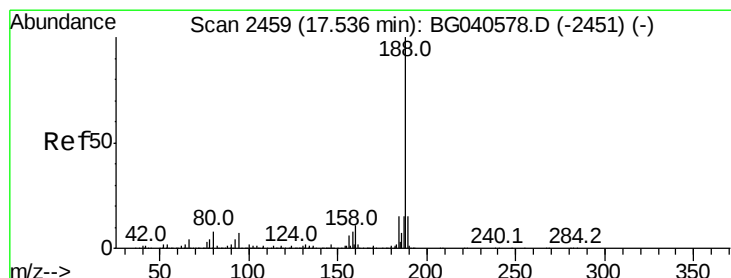
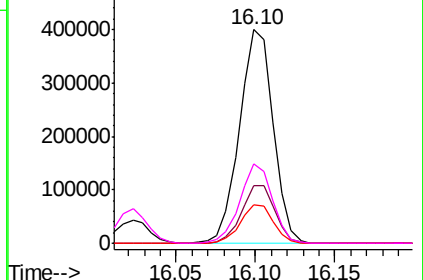
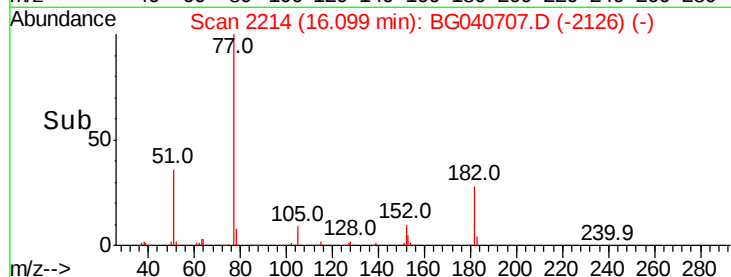


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

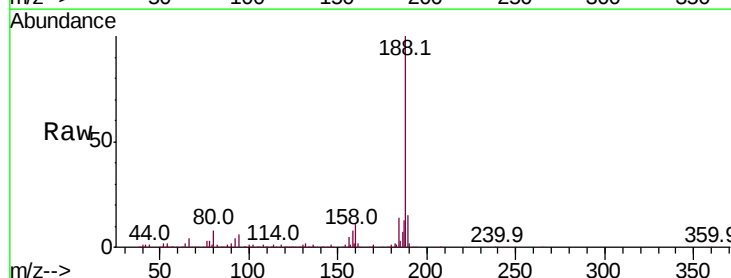
Tgt Ion: 188 Resp: 423433

Ion Ratio Lower Upper

188 100

94 5.8 5.6 8.4

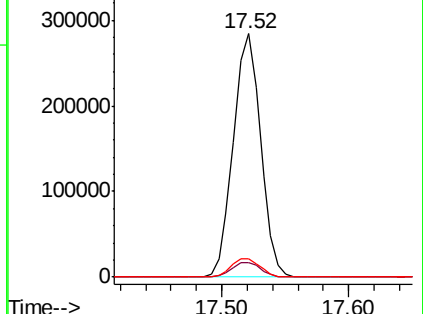
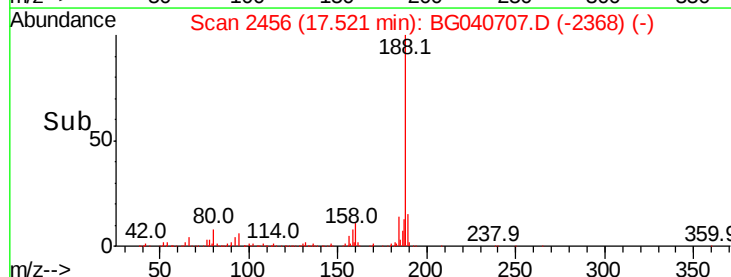
80 7.7 6.4 9.6

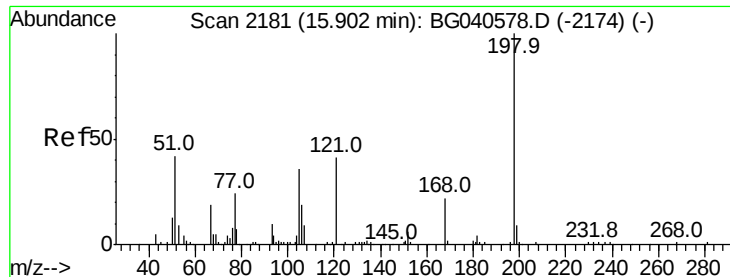


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.828 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

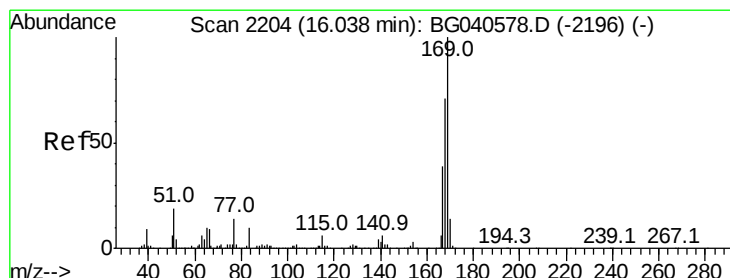
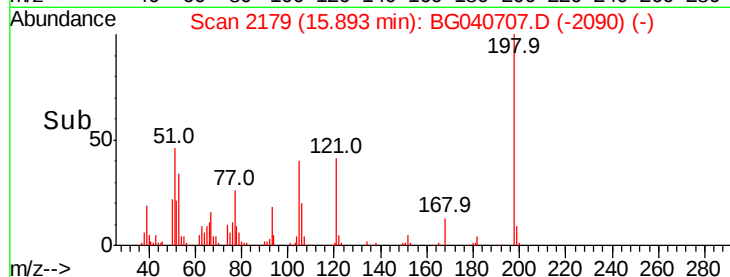
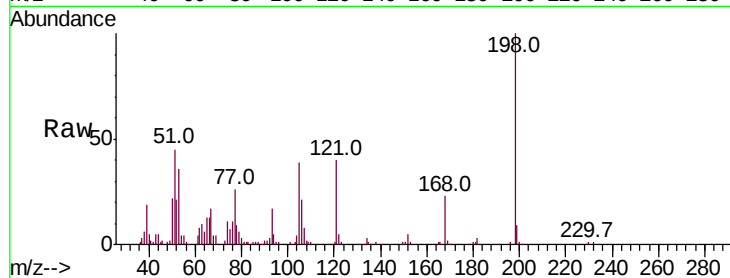
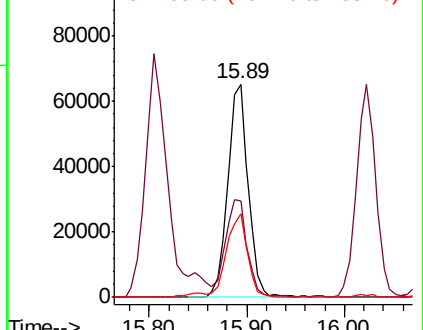
Tot Ion:198 Resp: 94827

Ion	Ratio	Lower	Upper
198	100		
51	44.9	35.9	75.9
105	39.2	21.2	61.2

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.944 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

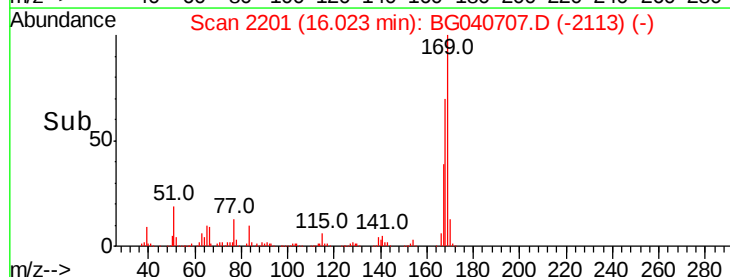
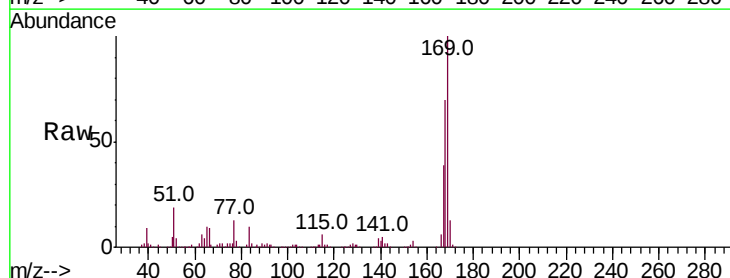
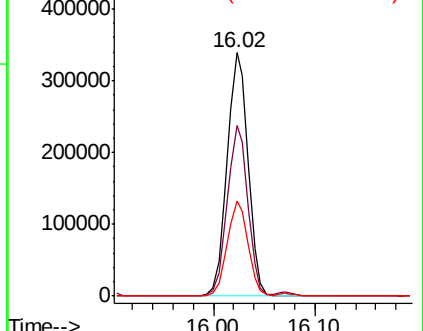
Tgt Ion:169 Resp: 485161

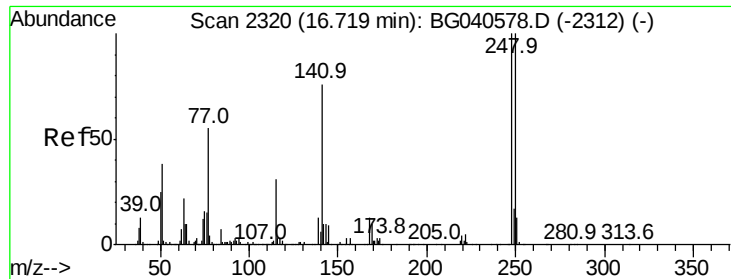
Ion	Ratio	Lower	Upper
169	100		
168	70.0	56.8	85.2
167	38.9	31.4	47.0

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

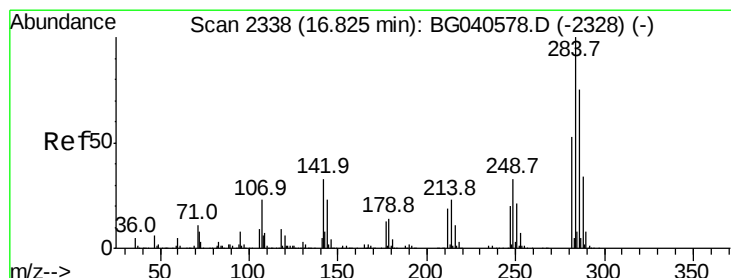
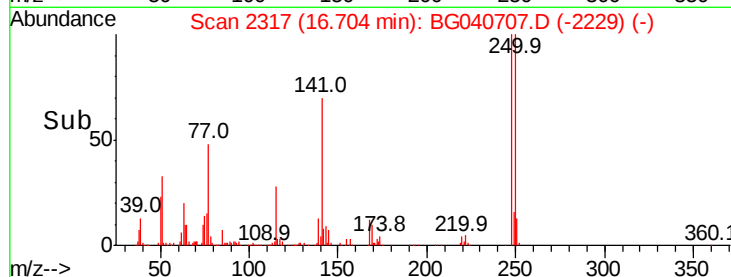
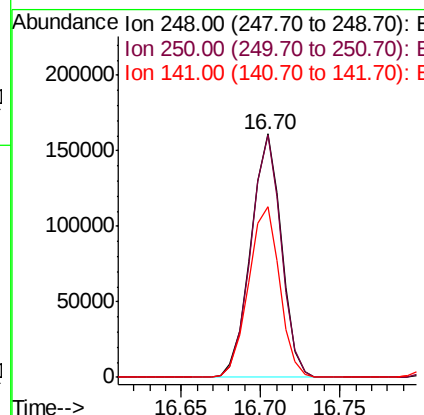
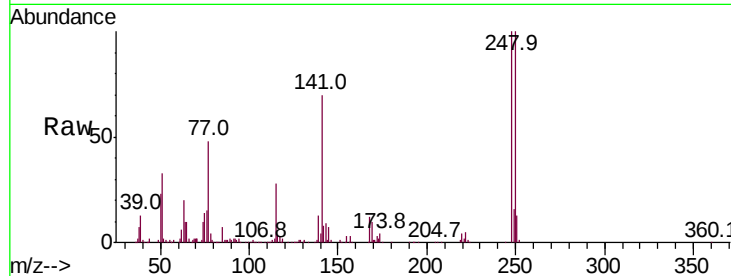




#67
4-Bromophenyl-phenylether
Concen: 40.937 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

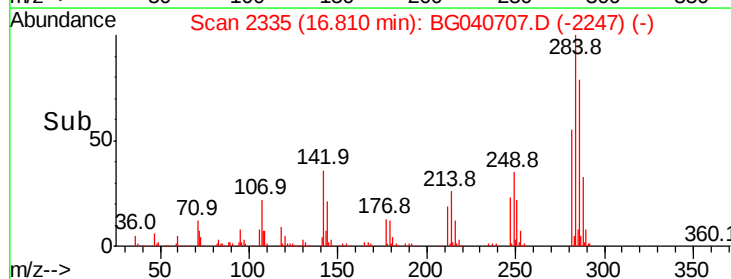
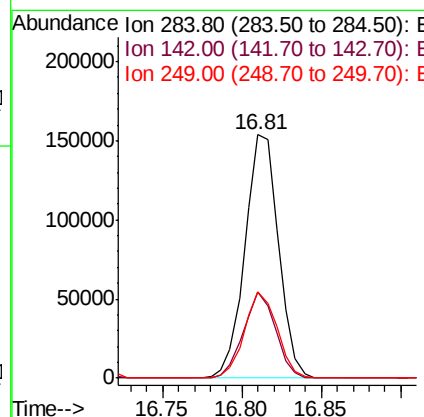
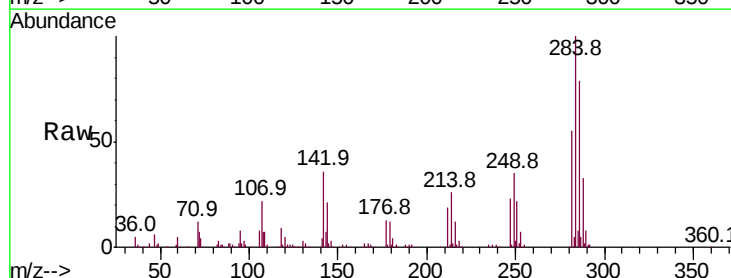
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

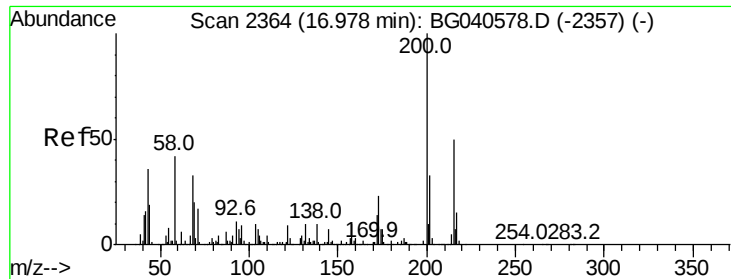
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	79.8	119.6
141	70.0	60.8	91.2



#68
Hexachlorobenzene
Concen: 41.397 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BG040707.D
Acq: 2 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	26.6	40.0
249	35.4	26.0	39.0





#69

Atrazine

Concen: 37.614 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

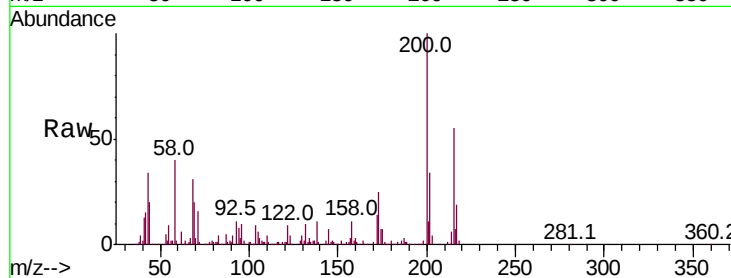
Tot Ion:200 Resp: 185652

Ion Ratio Lower Upper

200 100

173 25.0 2.8 42.8

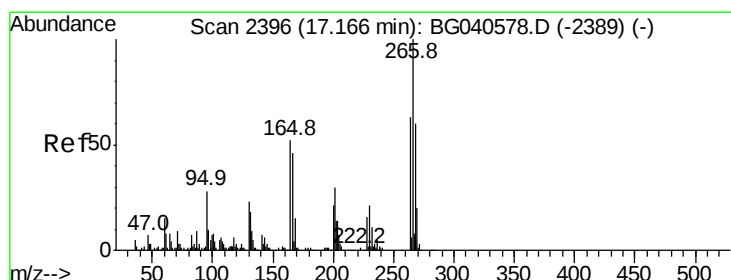
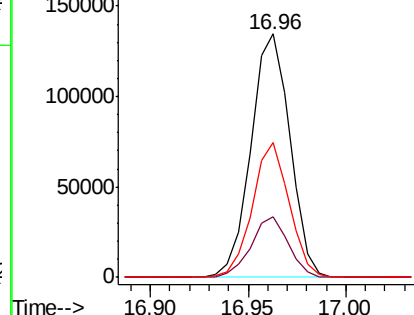
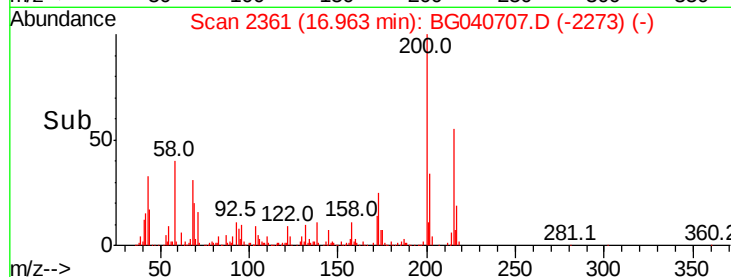
215 55.3 30.2 70.2



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: 43.997 ng

RT: 17.16 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

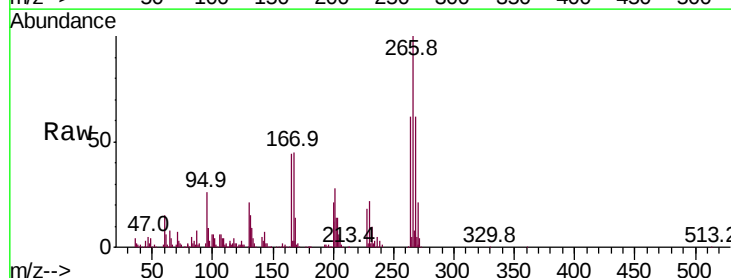
Tgt Ion:266 Resp: 140438

Ion Ratio Lower Upper

266 100

268 62.5 52.3 78.5

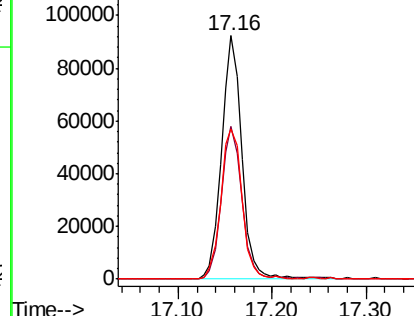
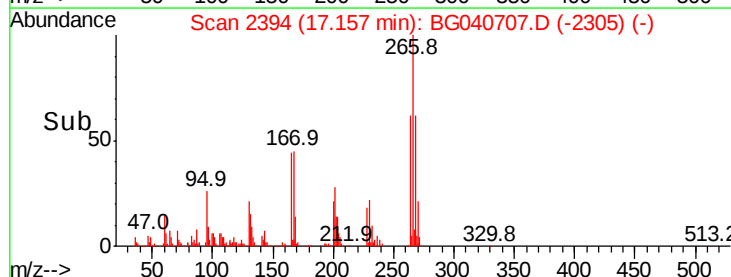
264 61.8 50.0 75.0

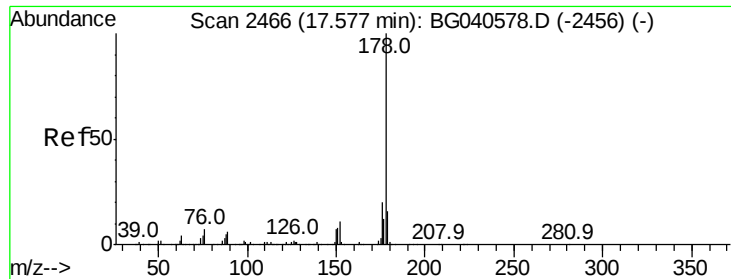


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

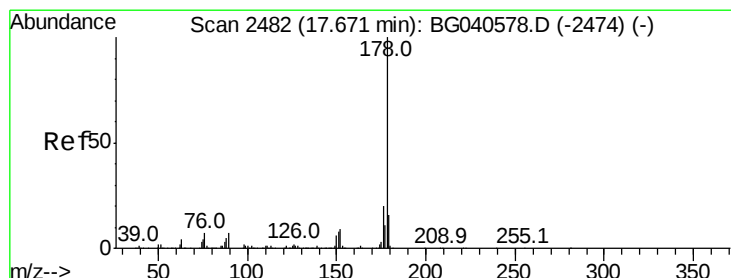
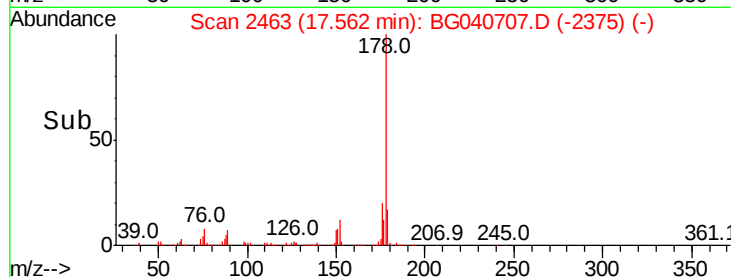
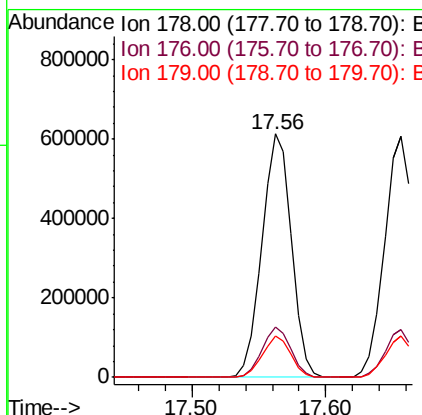
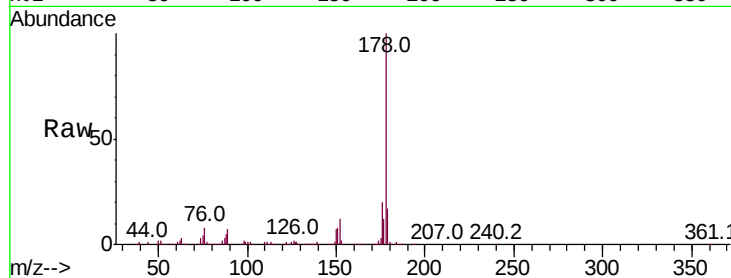




#71
 Phenanthrene
 Concen: 41.021 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

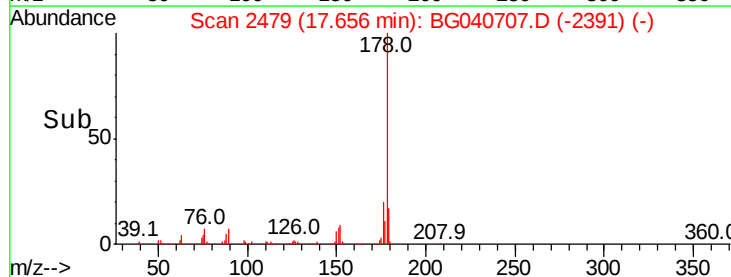
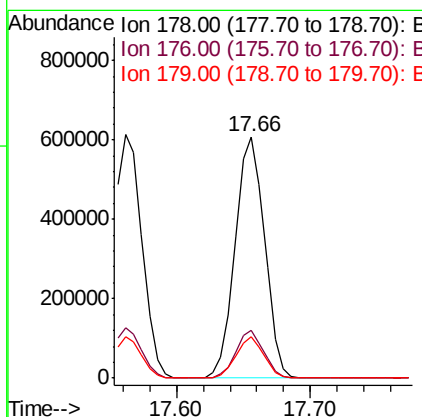
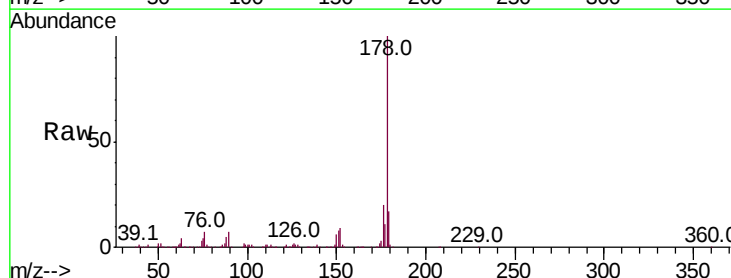
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

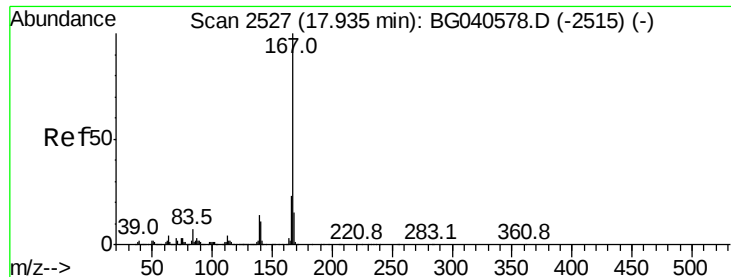
Tot Ion:178 Resp: 935574
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.6
 179 17.0 12.6 18.8



#72
 Anthracene
 Concen: 40.520 ng
 RT: 17.66 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BG040707.D
 Acq: 2 May 2019 15:12

Tgt Ion:178 Resp: 928920
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 16.9 12.9 19.3





#73

Carbazole

Concen: 40.515 ng

RT: 17.93 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

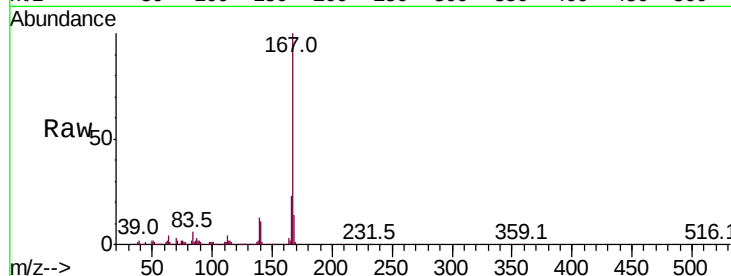
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 846217

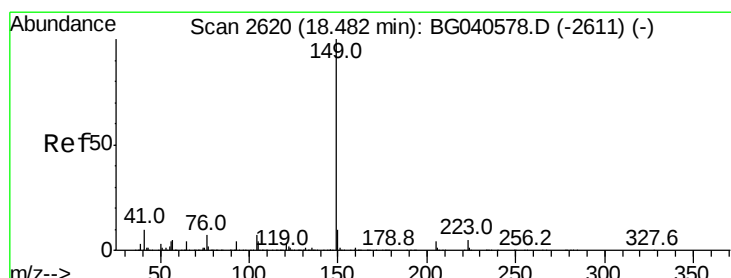
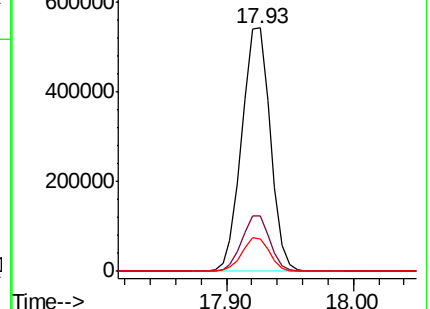
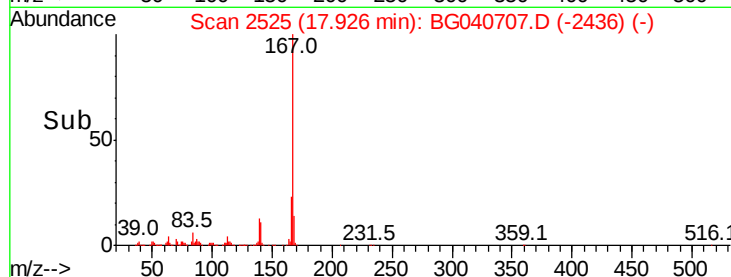
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	13.5	11.4	17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.787 ng

RT: 18.46 min Scan# 2616

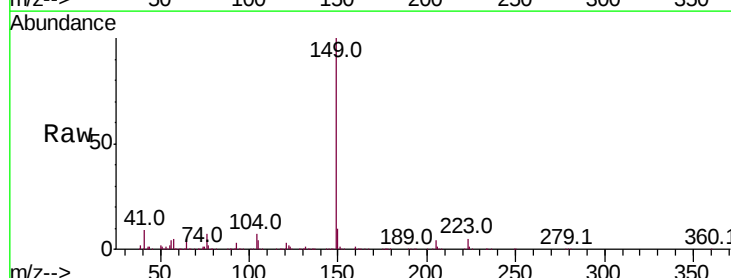
Delta R.T. -0.02 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Tgt Ion:149 Resp: 1003025

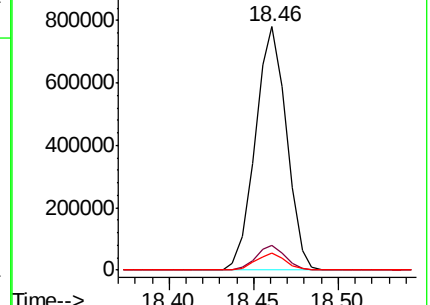
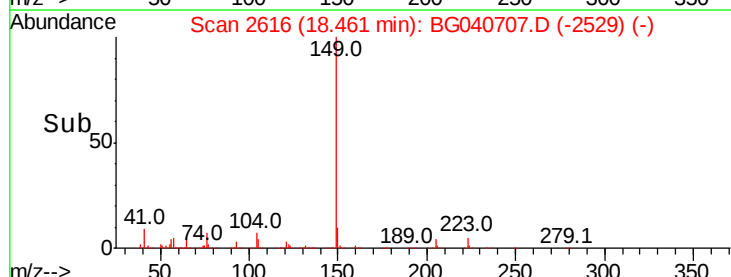
Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.9	5.4	8.2

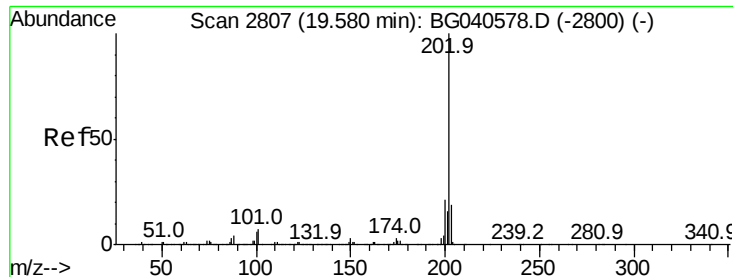


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.137 ng

RT: 19.57 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

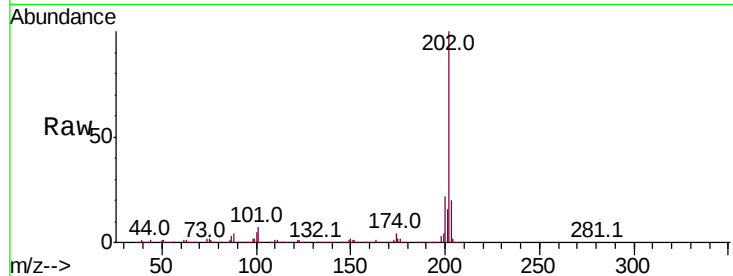
Tot Ion:202 Resp: 1197608

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.5

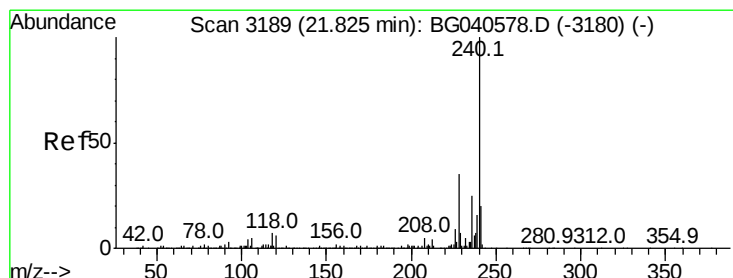
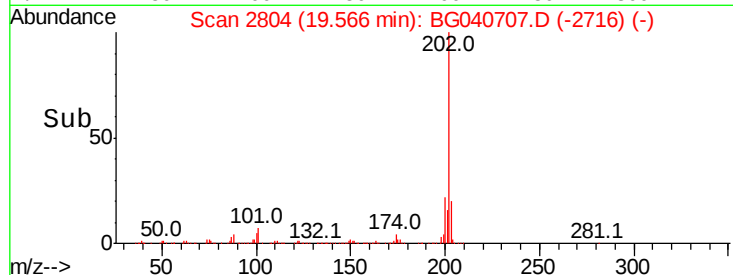
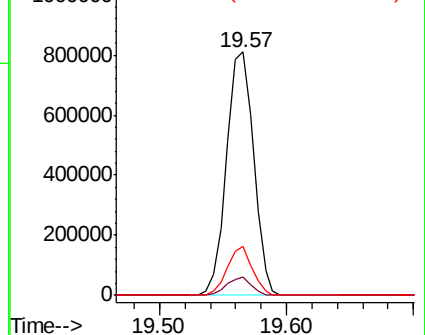
203 19.9 0.0 39.3



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: BG040707.D

Acq: 2 May 2019 15:12

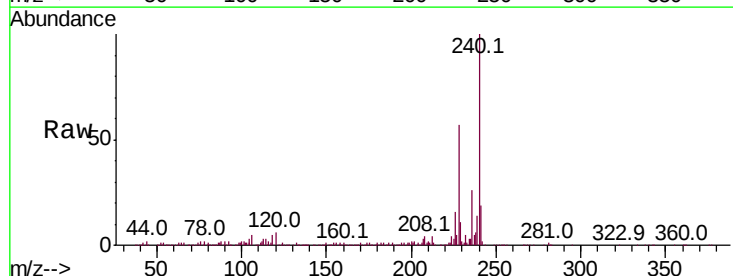
Tgt Ion:240 Resp: 458503

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

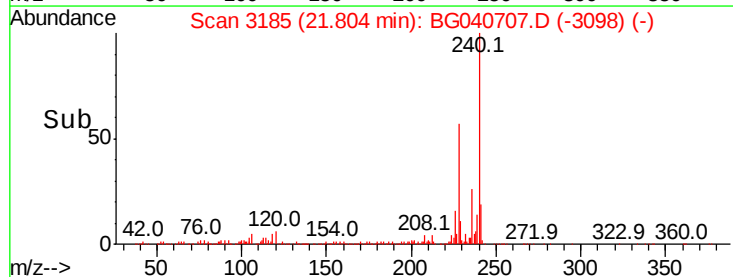
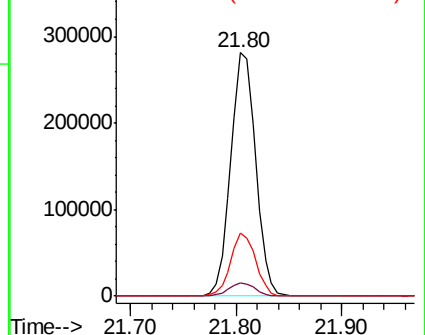
236 26.2 20.3 30.5

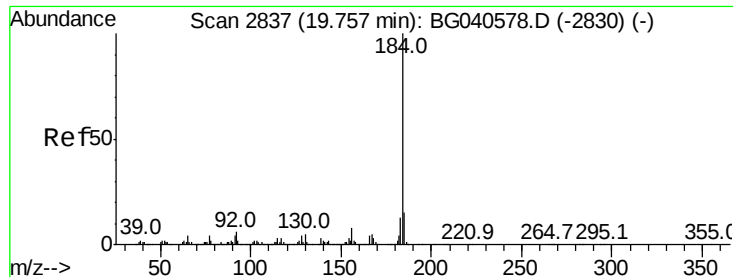


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.397 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

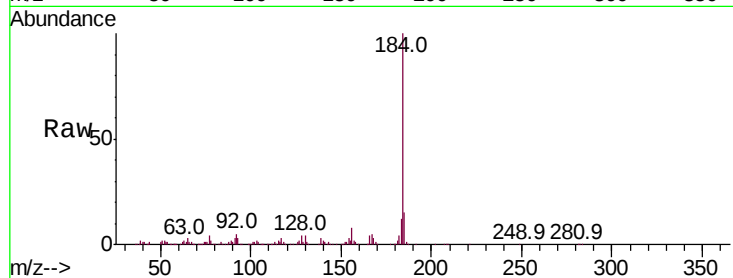
Tot Ion:184 Resp: 482040

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

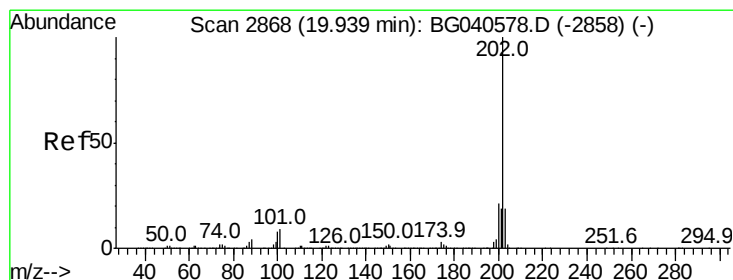
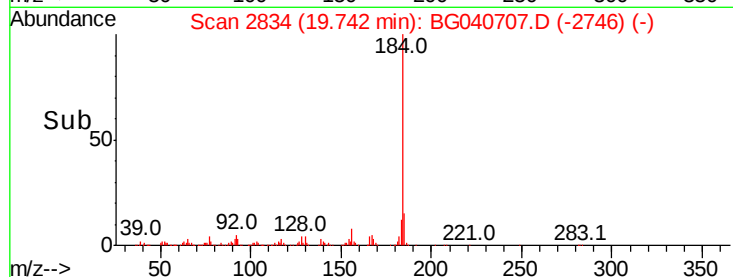
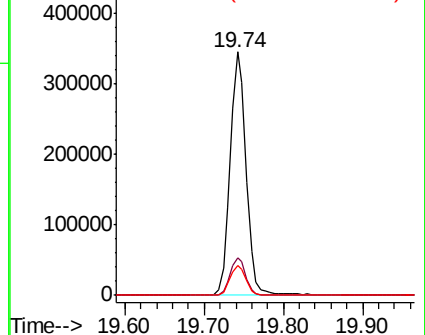
183 12.3 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.906 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

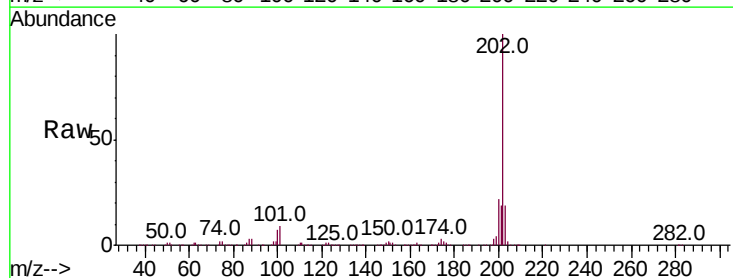
Tgt Ion:202 Resp: 1204243

Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

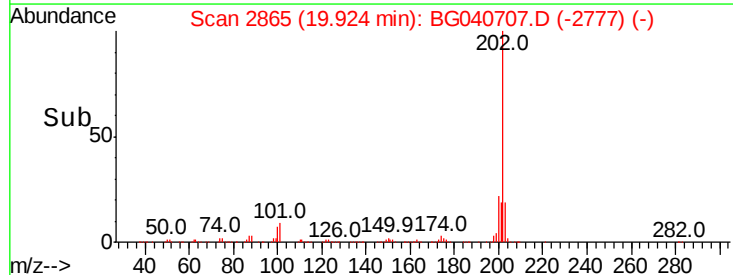
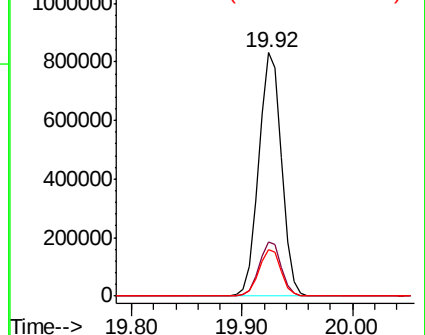
203 19.2 15.0 22.4

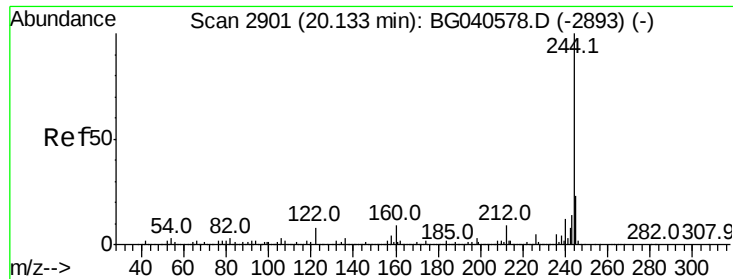


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.514 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

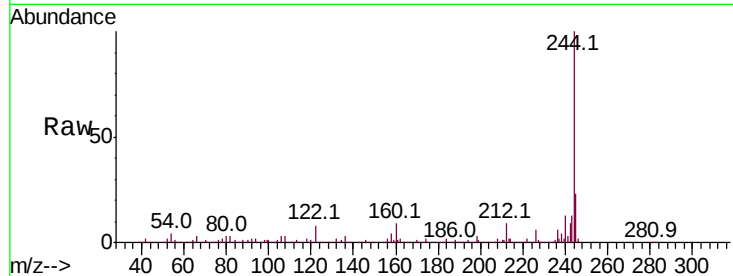
Tot Ion:244 Resp: 1687002

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

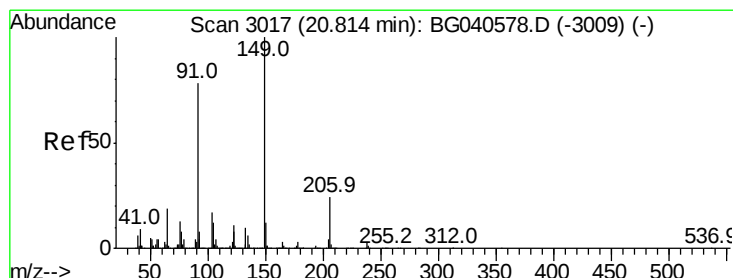
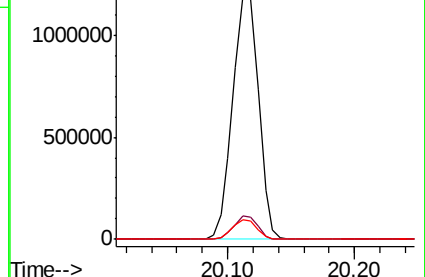
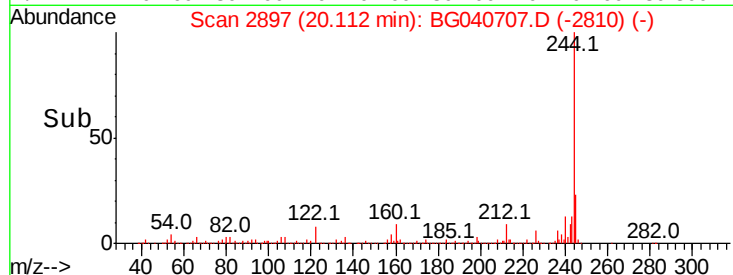
122 8.3 6.6 10.0



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: 40.444 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

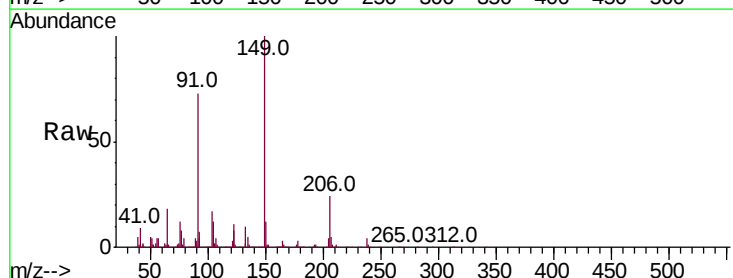
Tgt Ion:149 Resp: 452986

Ion Ratio Lower Upper

149 100

91 72.7 62.6 93.8

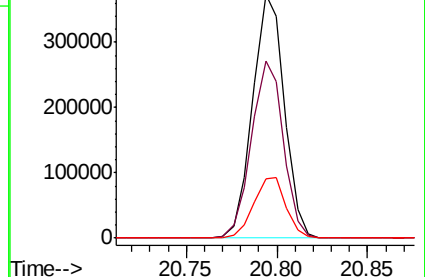
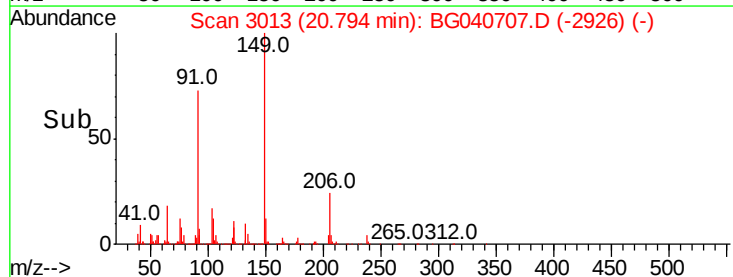
206 24.3 19.4 29.2

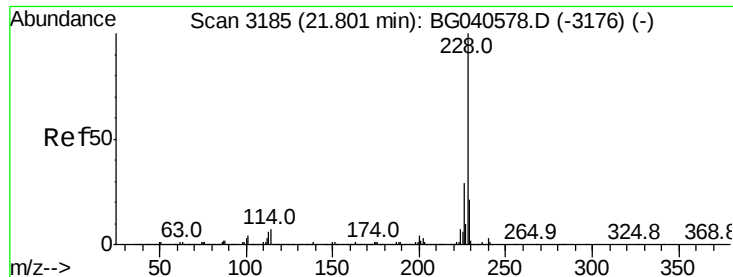


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.085 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

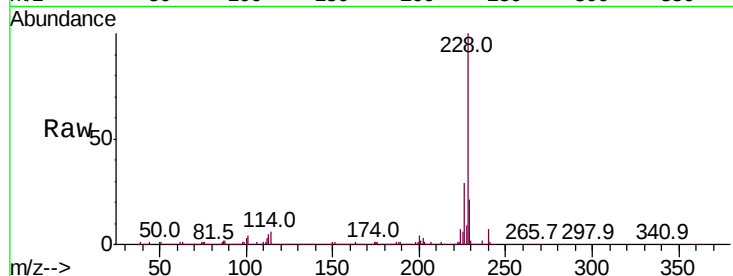
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1190542

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	21.3	17.0	25.4

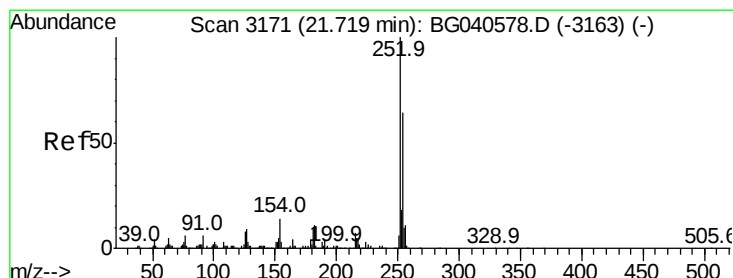
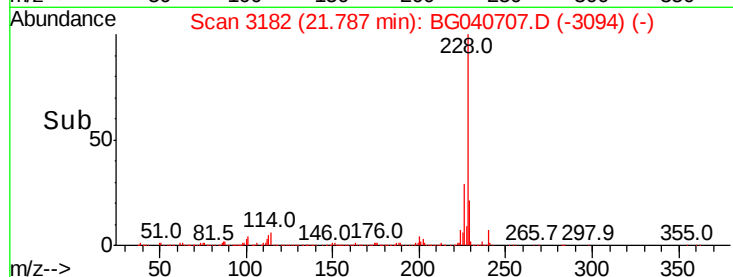
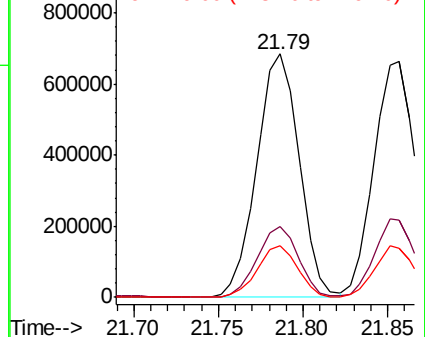


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.431 ng

RT: 21.70 min Scan# 3167

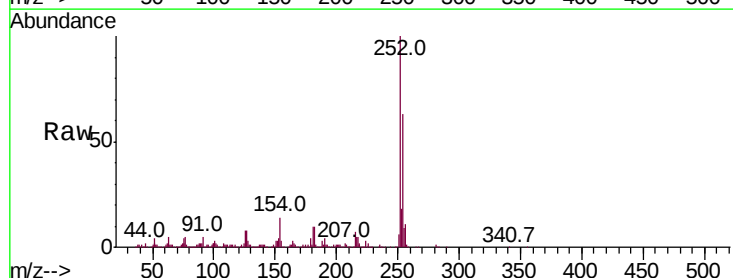
Delta R.T. -0.02 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Tgt Ion:252 Resp: 417591

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.2	76.8
126	8.1	6.6	10.0

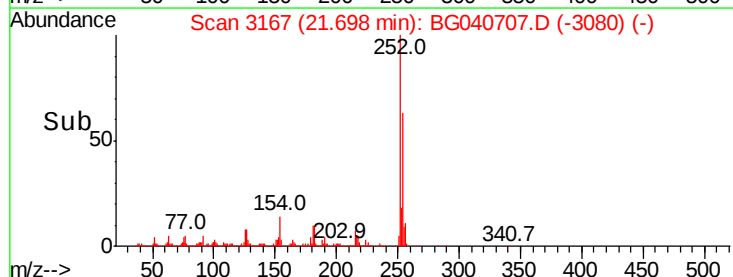
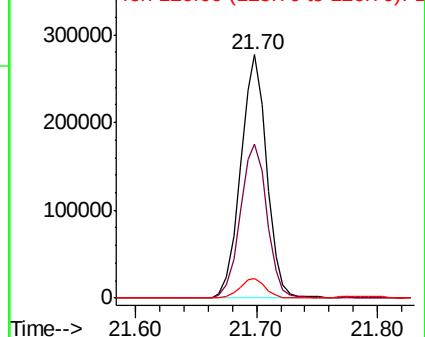


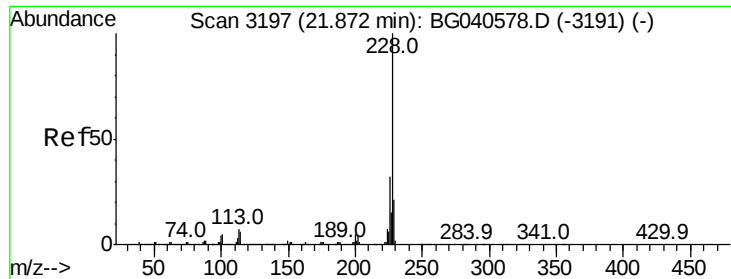
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.200 ng

RT: 21.86 min Scan# 3194

Delta R.T. -0.01 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

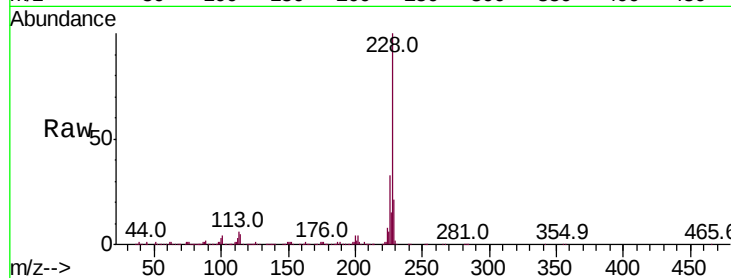
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1135417

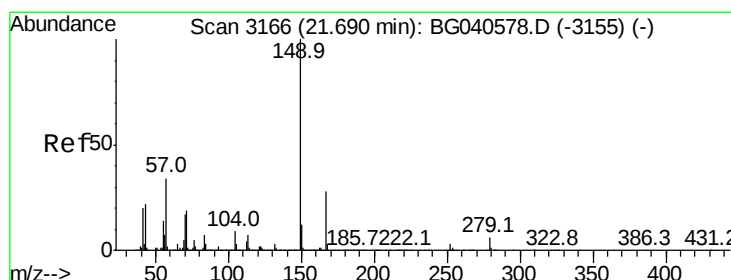
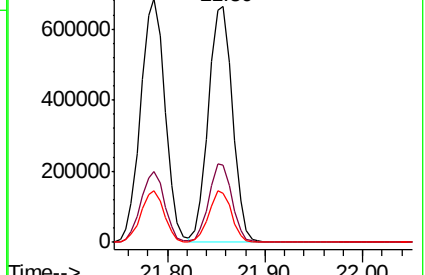
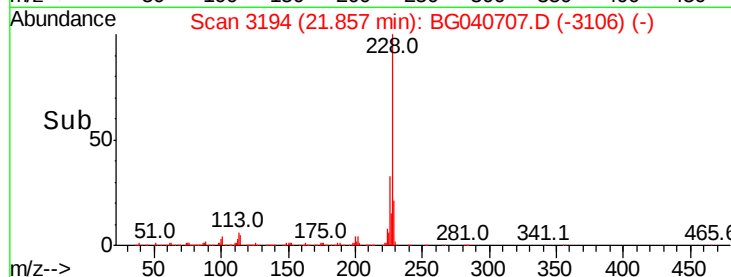
Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.5	38.3
229	20.7	16.8	25.2



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: 39.188 ng

RT: 21.66 min Scan# 3161

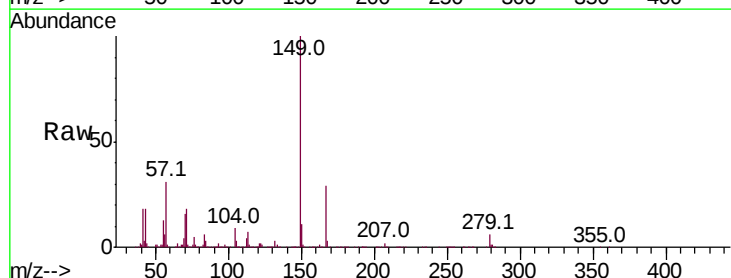
Delta R.T. -0.03 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Tgt Ion:149 Resp: 633589

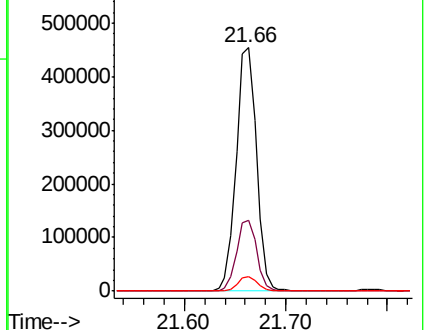
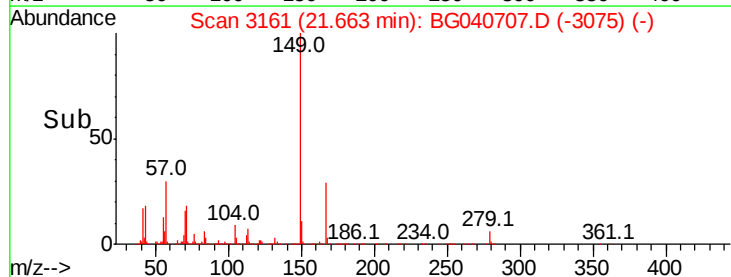
Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.4	33.6
279	6.2	4.6	6.8

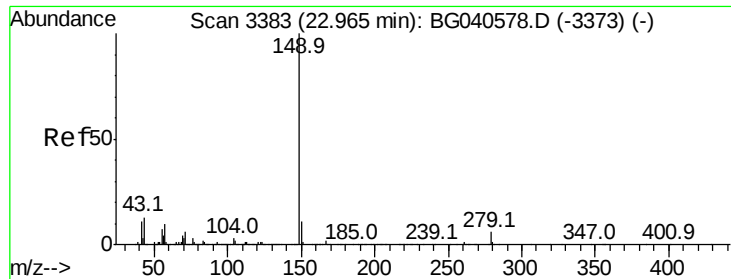


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.150 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.04 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

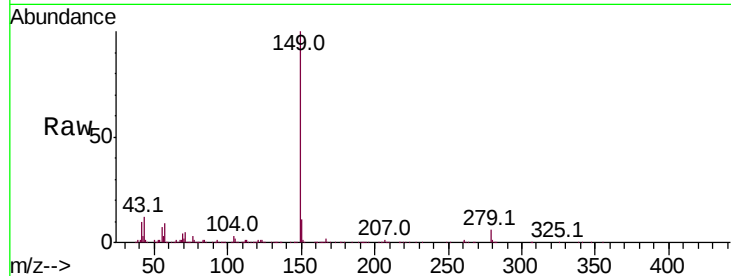
Tot Ion:149 Resp: 1066002

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

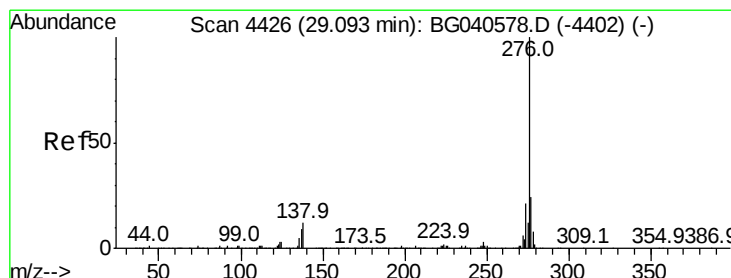
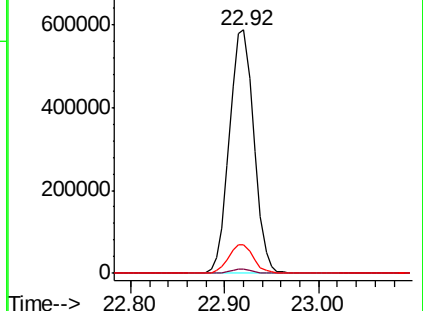
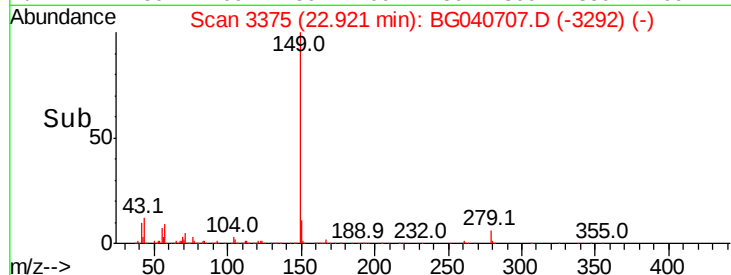
43 12.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.034 ng

RT: 29.03 min Scan# 4415

Delta R.T. -0.06 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

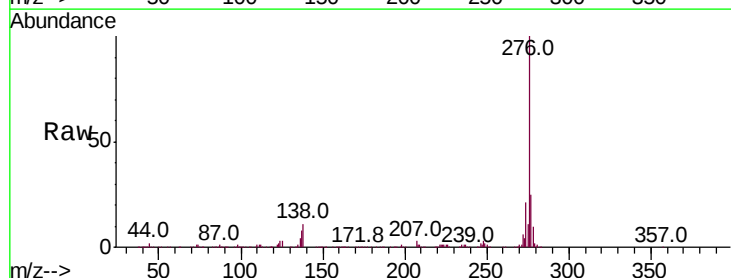
Tgt Ion:276 Resp: 1333916

Ion Ratio Lower Upper

276 100

138 10.6 9.8 14.6

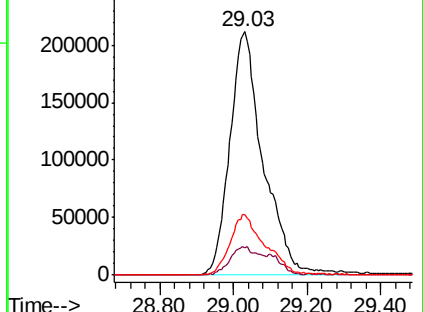
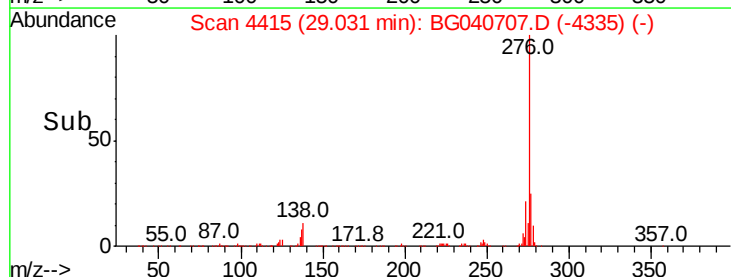
277 25.8 17.3 25.9

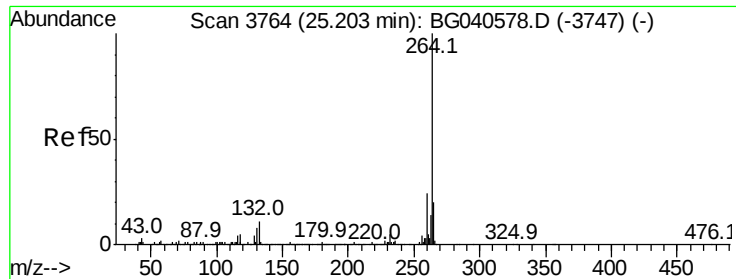


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.04 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

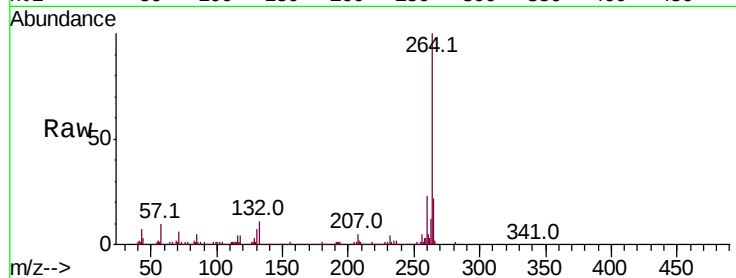
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 456319

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.3	16.6	25.0

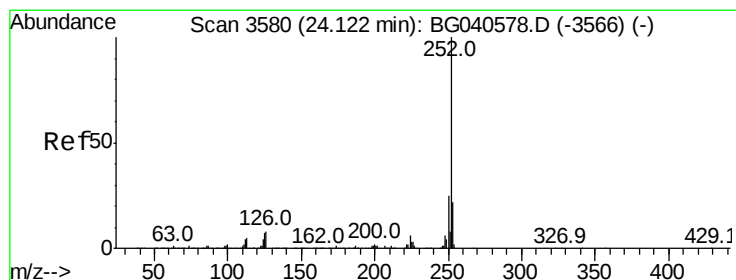
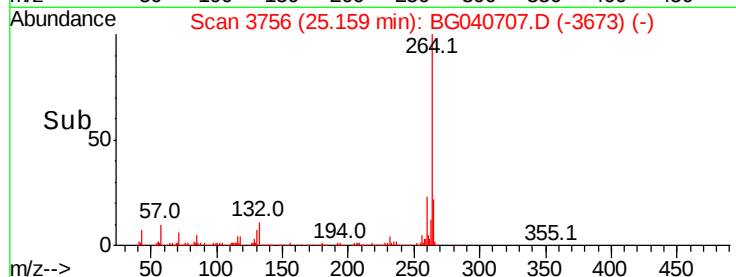
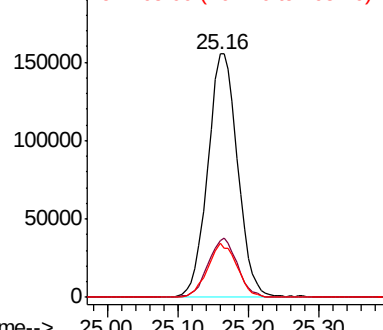


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.869 ng

RT: 24.09 min Scan# 3574

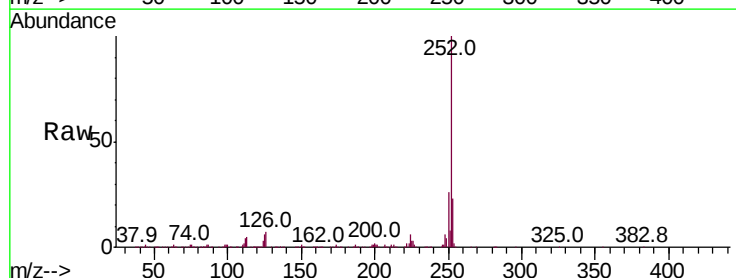
Delta R.T. -0.03 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Tgt Ion:252 Resp: 1167514

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	6.0	5.4	8.0

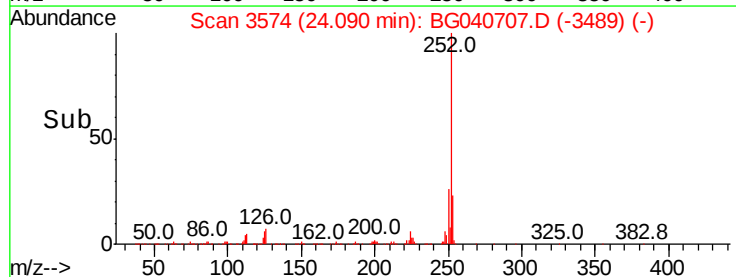
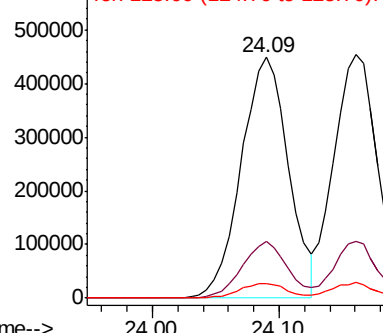


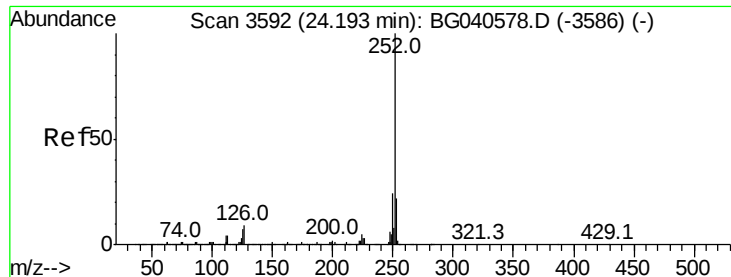
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.677 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.03 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

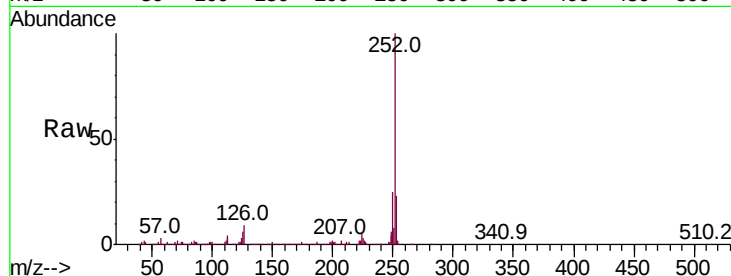
Tot Ion:252 Resp: 1085332

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

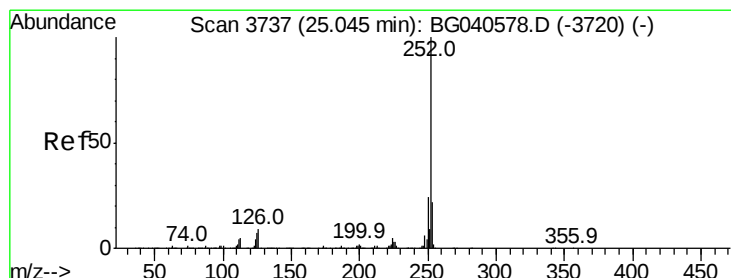
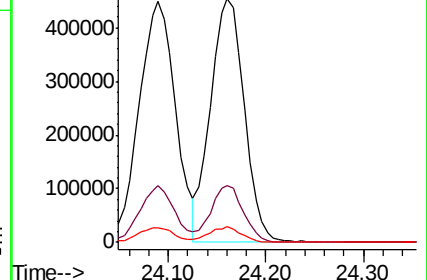
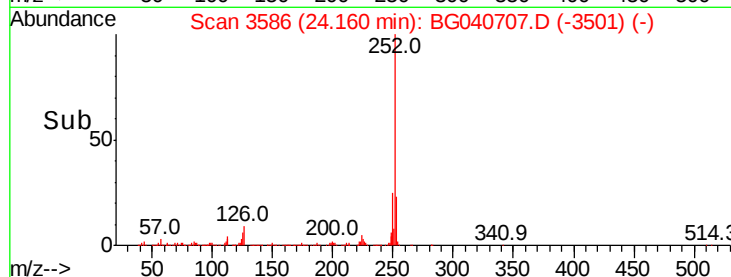
125 6.5 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.645 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

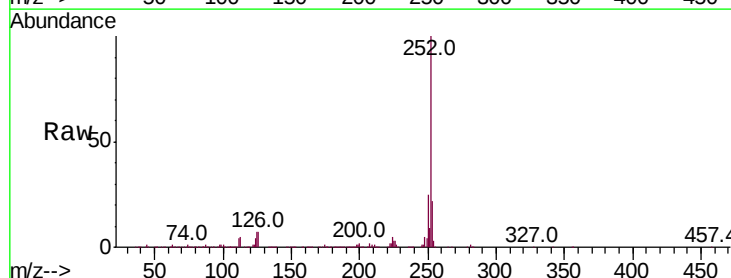
Tgt Ion:252 Resp: 1099232

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

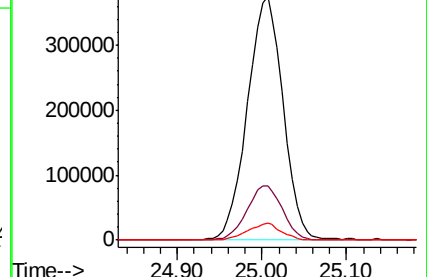
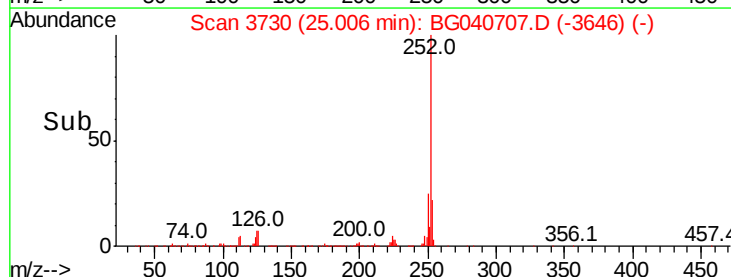
125 6.7 5.7 8.5

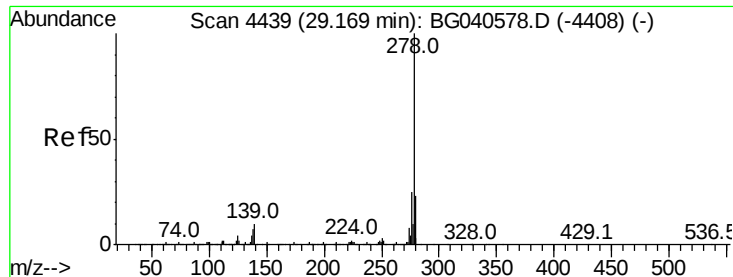


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.412 ng

RT: 29.10 min Scan# 4427

Delta R.T. -0.07 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Instrument :

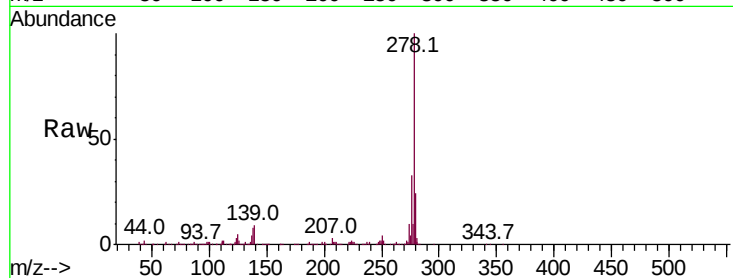
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1052757

Ion	Ratio	Lower	Upper
278	100		
139	9.1	8.2	12.4
279	24.2	18.5	27.7

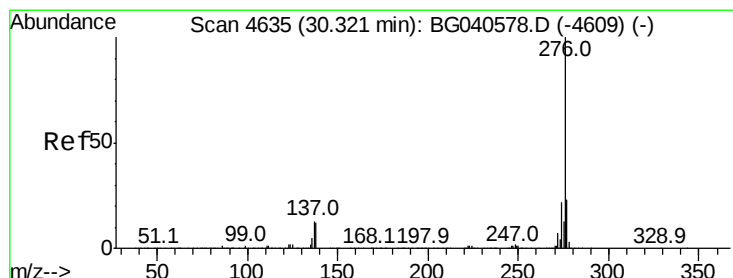
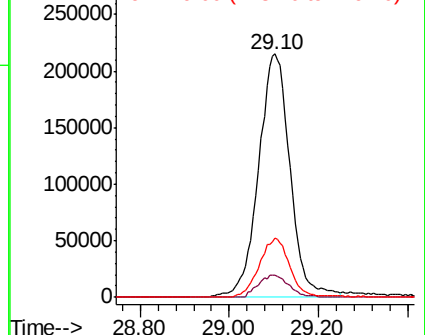
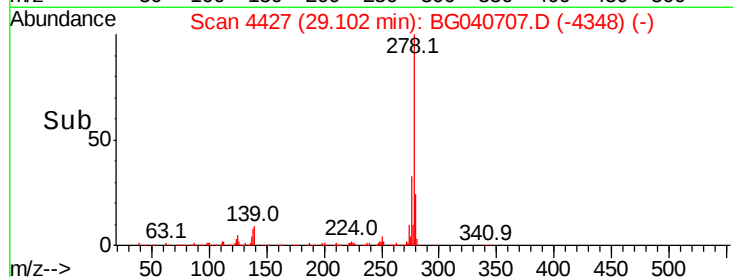


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.246 ng

RT: 30.26 min Scan# 4624

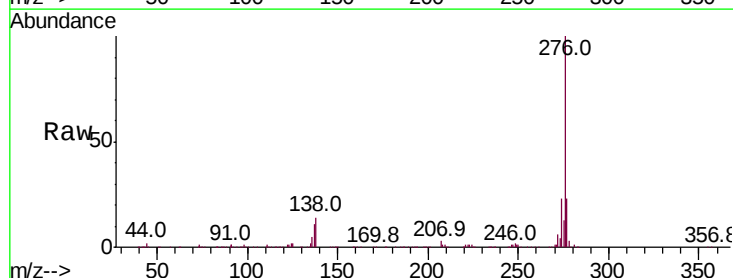
Delta R.T. -0.06 min

Lab File: BG040707.D

Acq: 2 May 2019 15:12

Tgt Ion:276 Resp: 1043321

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.4	27.6
138	13.5	9.8	14.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

