

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040725.D
 Acq On : 3 May 2019 15:20
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 03 23:16:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	56178	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	246353	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	174505	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	453278	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	488156	20.00	ng	-0.02
87) Perylene-d12	25.17	264	487643	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	274332	86.08	ng	0.00
7) Phenol-d6	7.29	99	420593	85.71	ng	0.00
23) Nitrobenzene-d5	9.33	82	485695	91.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	225721	94.10	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	1031953	85.40	ng	-0.01
79) Terphenyl-d14	20.11	244	1788706	81.18	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	62825	43.347	ng	90
3) Pyridine	3.96	79	184067	43.815	ng	99
4) n-Nitrosodimethylamine	3.87	42	96984	41.621	ng	# 80
6) Aniline	7.47	93	264442	40.659	ng	97
8) 2-Chlorophenol	7.70	128	162495	41.758	ng	96
9) Benzaldehyde	7.28	77	127634	44.817	ng	93
10) Phenol	7.31	94	228482	43.316	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	167676	42.391	ng	94
12) 1,3-Dichlorobenzene	8.03	146	177855	41.874	ng	96
13) 1,4-Dichlorobenzene	8.18	146	181214	42.087	ng	97
14) 1,2-Dichlorobenzene	8.50	146	172771	41.608	ng	98
15) Benzyl Alcohol	8.39	79	207374	40.616	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	288228	36.600	ng	100
17) 2-Methylphenol	8.57	107	153425	41.101	ng	93
18) Hexachloroethane	9.23	117	71235	40.331	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	171268	38.774	ng	95
20) 3+4-Methylphenols	8.90	107	215237	41.390	ng	98
22) Acetophenone	8.98	105	292233	42.659	ng	# 96
24) Nitrobenzene	9.37	77	251721	44.251	ng	97
25) Isophorone	9.88	82	475577	40.045	ng	99
26) 2-Nitrophenol	10.08	139	105218	51.600	ng	98
27) 2,4-Dimethylphenol	10.12	122	160939	42.066	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	244463	41.028	ng	98
29) 2,4-Dichlorophenol	10.61	162	193801	44.557	ng	93
30) 1,2,4-Trichlorobenzene	10.82	180	213417	44.246	ng	98
31) Naphthalene	11.02	128	548074	41.876	ng	98
32) Benzoic acid	10.25	122	140823	53.767	ng	98
33) 4-Chloroaniline	11.13	127	244231	42.088	ng	97
34) Hexachlorobutadiene	11.29	225	165232	46.401	ng	100
35) Caprolactam	11.93	113	68926	40.138	ng	# 87
36) 4-Chloro-3-methylphenol	12.23	107	241202	43.959	ng	99
37) 2-Methylnaphthalene	12.62	142	411532	42.055	ng	100
38) 1-Methylnaphthalene	12.83	142	402878	42.121	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	292018	44.921	ng	98

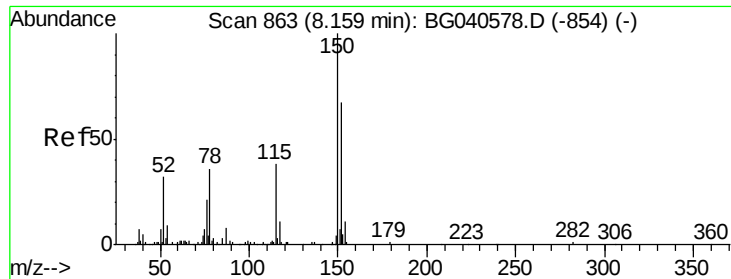
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	215583	56.200	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	183006	46.585	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	202002	47.203	ng	98
46) 1,1'-Biphenyl	13.61	154	561273	41.426	ng	94
47) 2-Chloronaphthalene	13.66	162	460760	43.455	ng	97
48) 2-Nitroaniline	13.87	65	186261	49.350	ng	96
49) Acenaphthylene	14.50	152	746147	41.477	ng	100
50) Dimethylphthalate	14.23	163	616831	42.247	ng	99
51) 2,6-Dinitrotoluene	14.35	165	136756	47.992	ng	89
52) Acenaphthene	14.84	154	424951	40.563	ng	95
53) 3-Nitroaniline	14.68	138	137837	47.209	ng	# 96
54) 2,4-Dinitrophenol	14.88	184	61006	41.646	ng	# 84
55) Dibenzofuran	15.17	168	735077	42.838	ng	100
56) 4-Nitrophenol	14.97	139	110611	43.690	ng	98
57) 2,4-Dinitrotoluene	15.14	165	199798	51.599	ng	92
58) Fluorene	15.82	166	588593	42.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	200768	46.611	ng	98
60) Diethylphthalate	15.58	149	642640	41.717	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	361989	44.876	ng	98
62) 4-Nitroaniline	15.85	138	154895	47.426	ng	92
63) Azobenzene	16.10	77	635810	40.077	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	106281	47.648	ng	95
66) n-Nitrosodiphenylamine	16.02	169	523900	39.285	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	237132	41.991	ng	93
68) Hexachlorobenzene	16.81	284	242364	41.506	ng	96
69) Atrazine	16.96	200	201748	38.183	ng	99
70) Pentachlorophenol	17.16	266	154017	45.075	ng	98
71) Phenanthrene	17.56	178	991416	40.607	ng	98
72) Anthracene	17.65	178	984890	40.133	ng	98
73) Carbazole	17.92	167	890781	39.841	ng	99
74) Di-n-butylphthalate	18.46	149	1064919	39.461	ng	99
75) Fluoranthene	19.56	202	1256643	41.303	ng	99
77) Benzidine	19.74	184	467407	34.970	ng	97
78) Pyrene	19.92	202	1262195	41.254	ng	98
80) Butylbenzylphthalate	20.79	149	488486	40.964	ng	96
81) Benzo(a)anthracene	21.79	228	1263244	40.946	ng	98
82) 3,3'-Dichlorobenzidine	21.70	252	456200	41.486	ng	97
83) Chrysene	21.86	228	1202257	40.975	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	672405	39.063	ng	98
85) Di-n-octyl phthalate	22.92	149	1125981	38.841	ng	98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1371167	38.652	ng	# 87
88) Benzo(b)fluoranthene	24.09	252	1260494	42.300	ng	97
89) Benzo(k)fluoranthene	24.16	252	1159199	41.654	ng	97
90) Benzo(a)pyrene	25.01	252	1180233	41.841	ng	100
91) Dibenzo(a,h)anthracene	29.10	278	1098864	38.496	ng	100
92) Benzo(g,h,i)perylene	30.25	276	1054566	37.121	ng	98

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

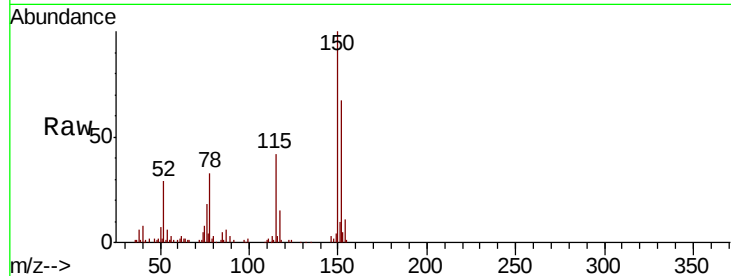


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	120.2	180.2
115	62.2	46.2	69.2

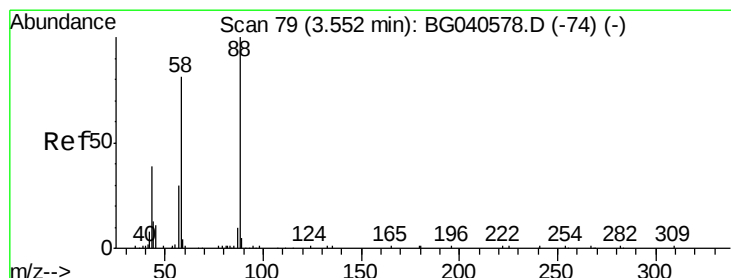
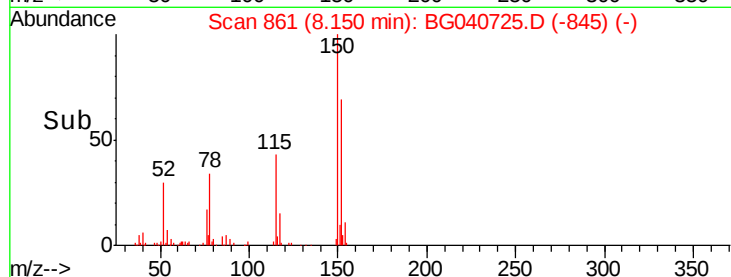
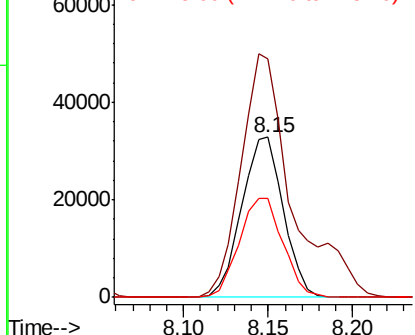


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

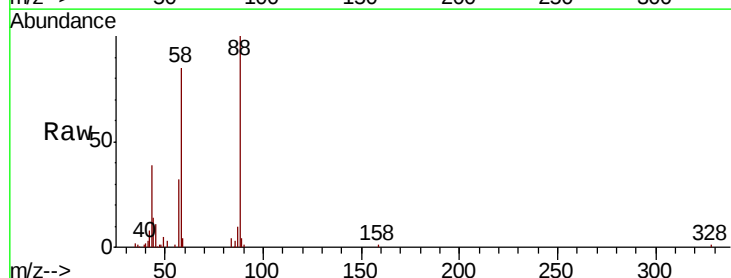
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.347 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	71.2	106.8
43	38.7	35.6	53.4

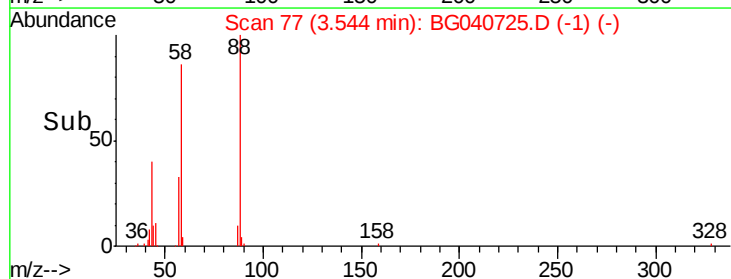
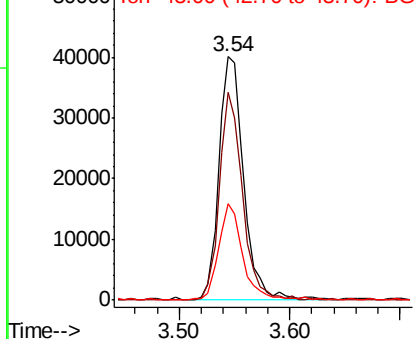


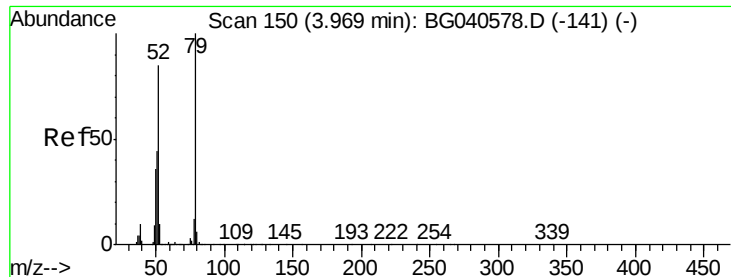
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 43.815 ng

RT: 3.96 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

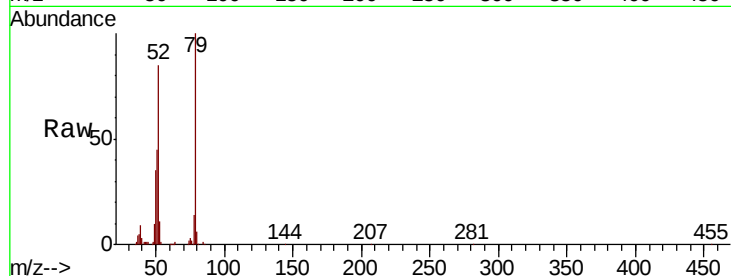
Tot Ion: 79 Resp: 184067

Ion Ratio Lower Upper

79 100

52 84.7 67.5 101.3

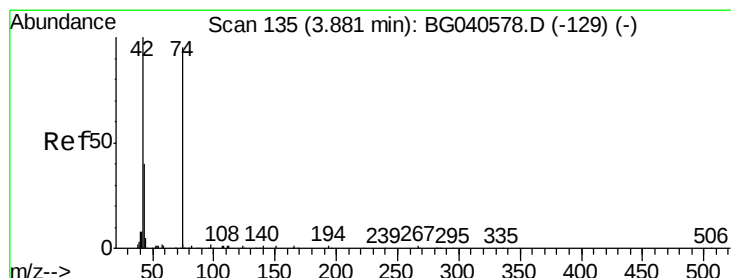
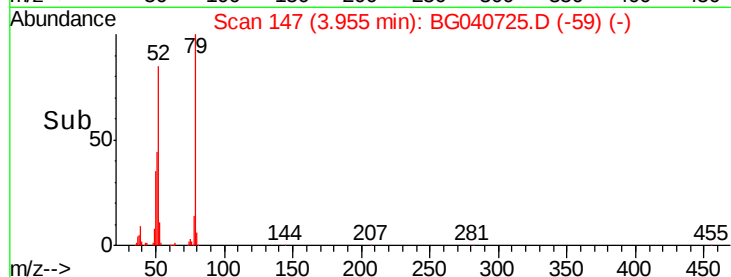
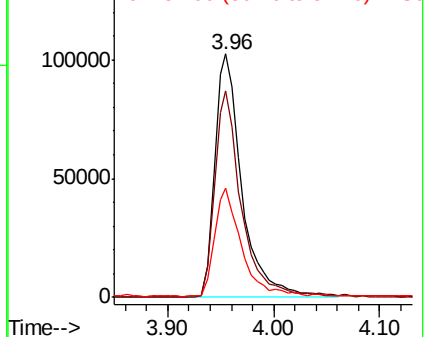
51 45.0 35.6 53.4



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: 41.621 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

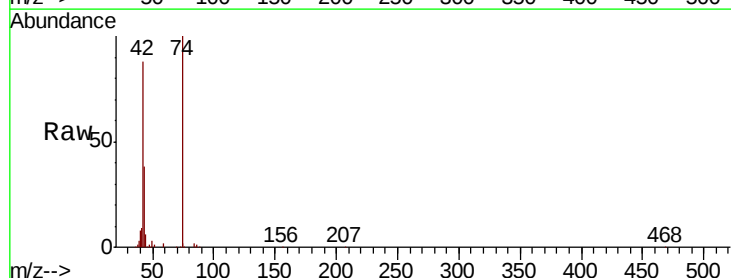
Tgt Ion: 42 Resp: 96984

Ion Ratio Lower Upper

42 100

74 113.4 74.6 111.8#

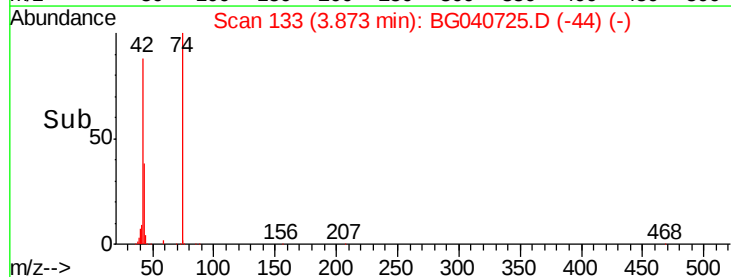
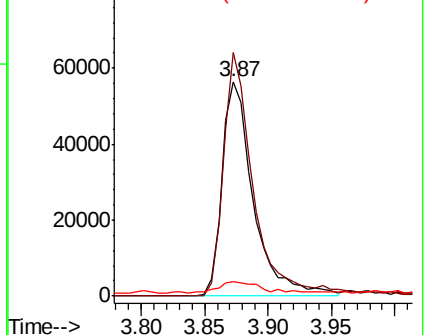
44 6.9 7.4 11.0#



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: 86.080 ng

RT: 5.68 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

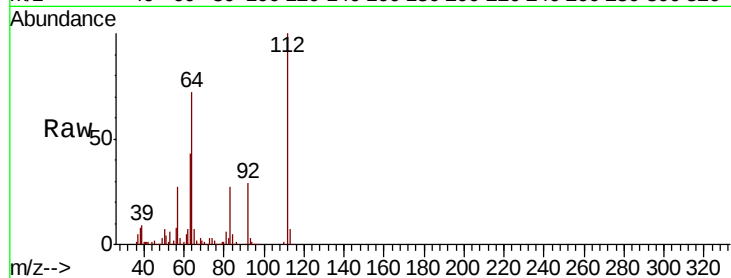
Tot Ion:112 Resp: 274332

Ion Ratio Lower Upper

112 100

64 72.4 61.4 92.0

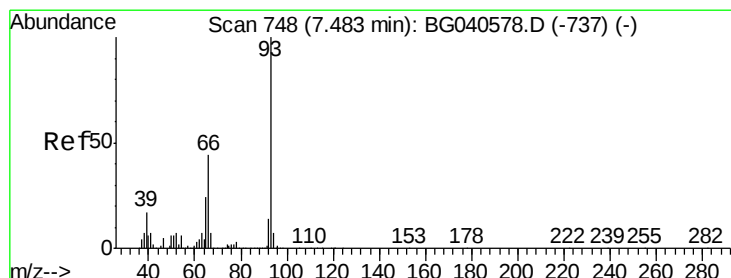
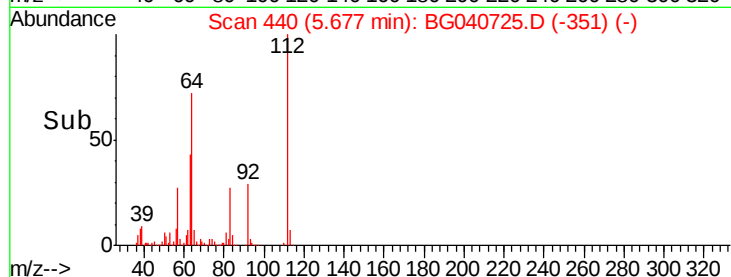
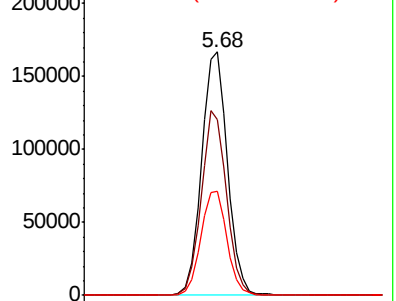
63 42.5 37.8 56.6



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: 40.659 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

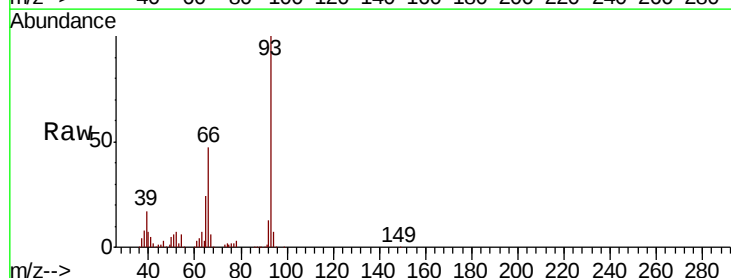
Tgt Ion: 93 Resp: 264442

Ion Ratio Lower Upper

93 100

66 46.6 35.5 53.3

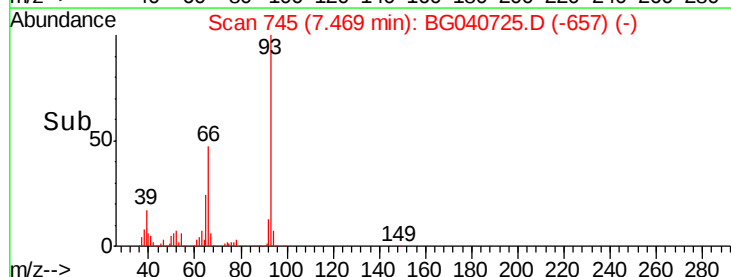
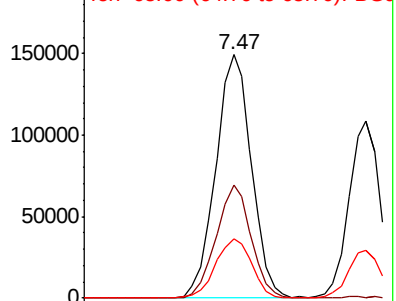
65 24.5 19.2 28.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.713 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

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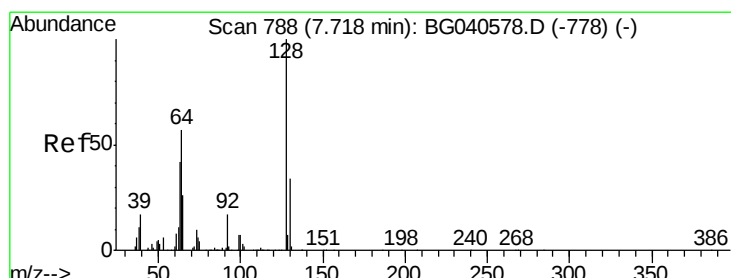
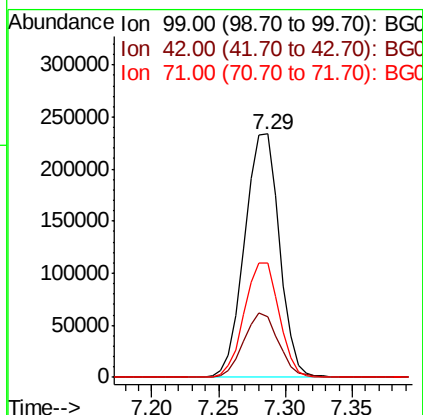
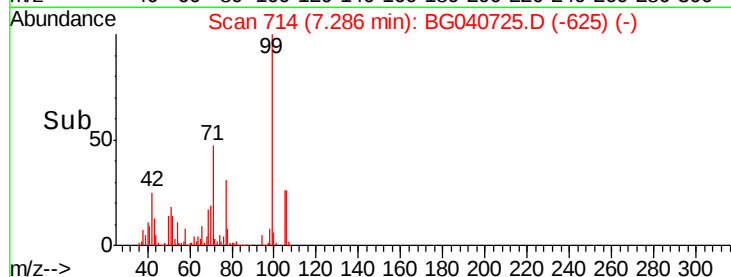
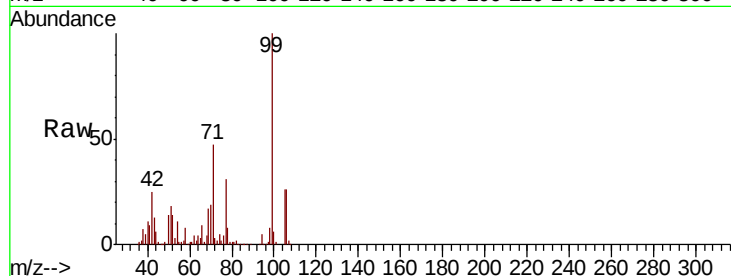
Tot Ion: 99 Resp: 420593

Ion Ratio Lower Upper

99 100

42 24.9 21.8 32.8

71 46.9 38.6 57.8



#8

2-Chlorophenol

Concen: 41.758 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

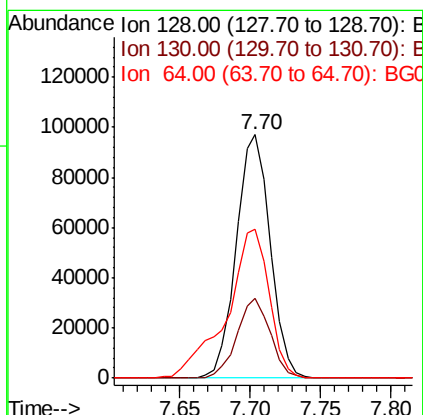
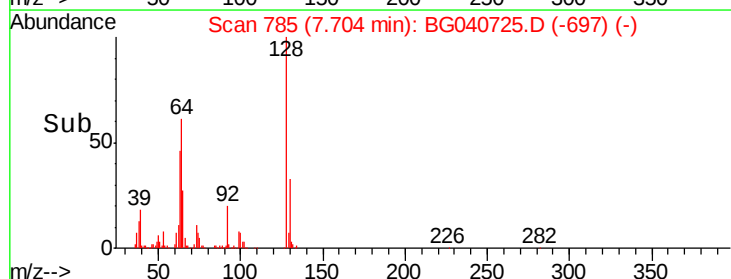
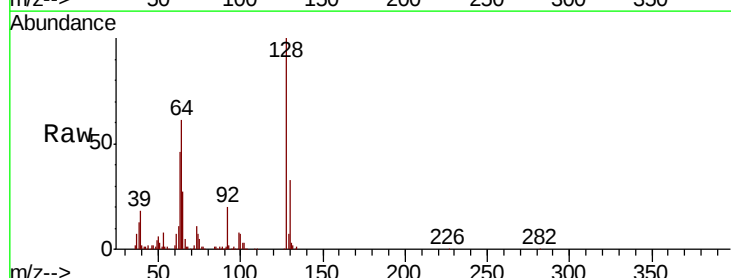
Tgt Ion: 128 Resp: 162495

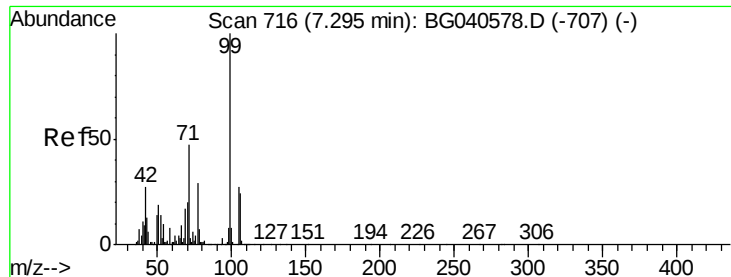
Ion Ratio Lower Upper

128 100

130 32.6 14.5 54.5

64 61.3 38.4 78.4





#9

Benzaldehyde

Concen: 44.817 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

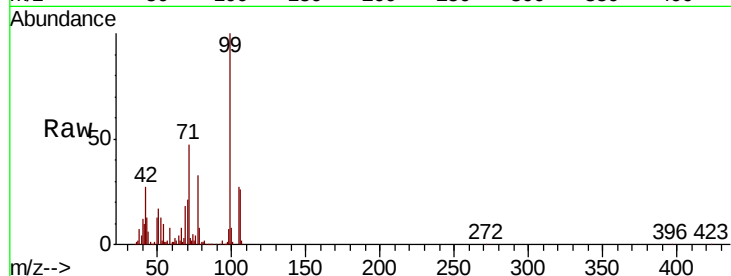
Tot Ion: 77 Resp: 127634

Ion Ratio Lower Upper

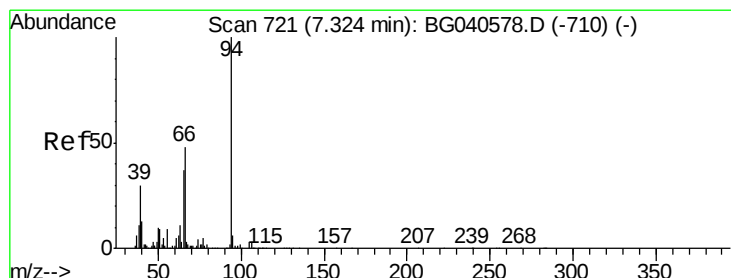
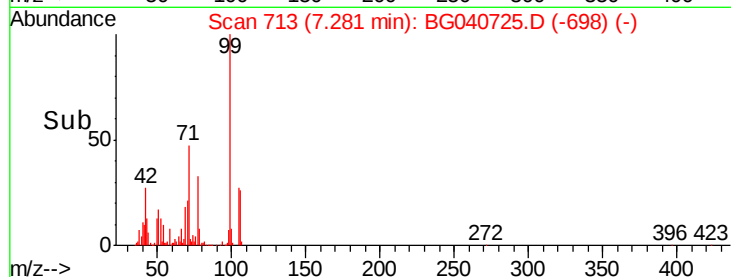
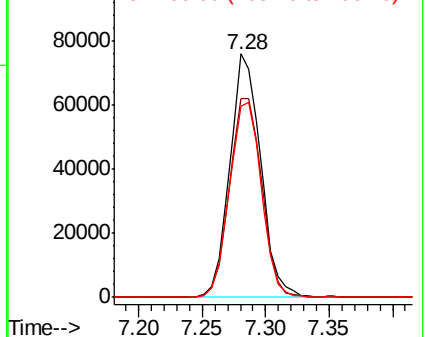
77 100

105 81.4 72.0 112.0

106 78.3 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.316 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

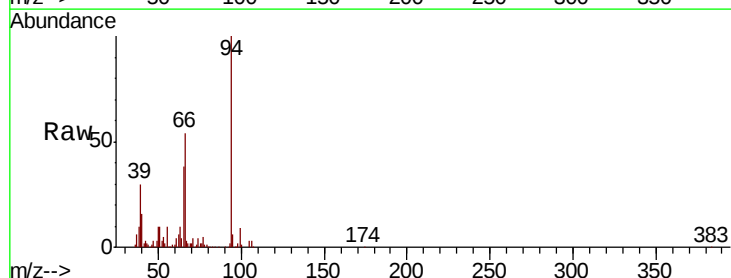
Tgt Ion: 94 Resp: 228482

Ion Ratio Lower Upper

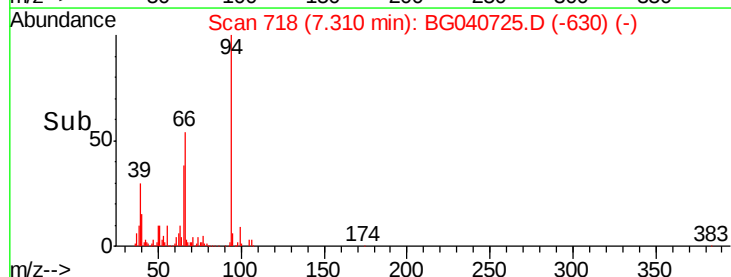
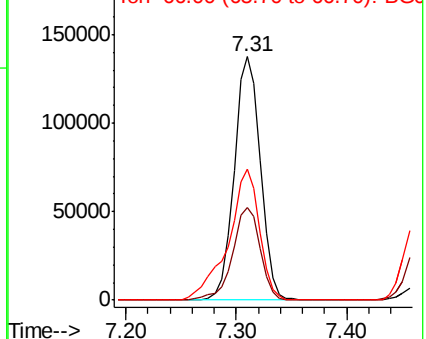
94 100

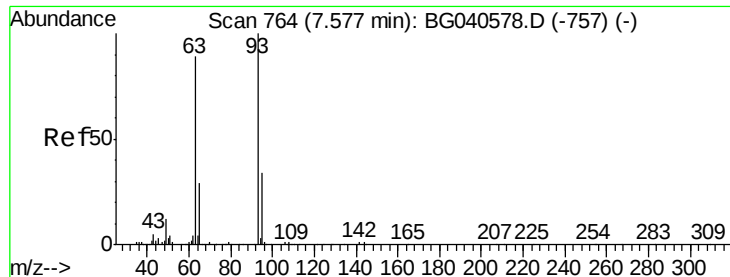
65 37.8 17.0 57.0

66 53.9 28.6 68.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

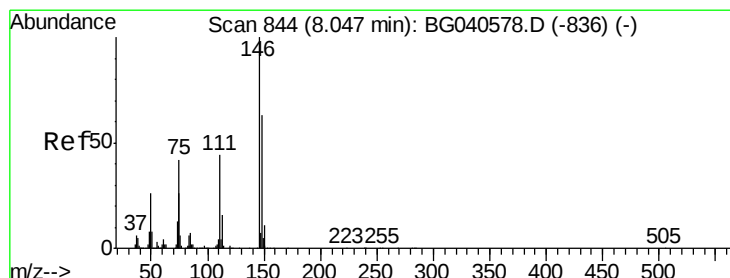
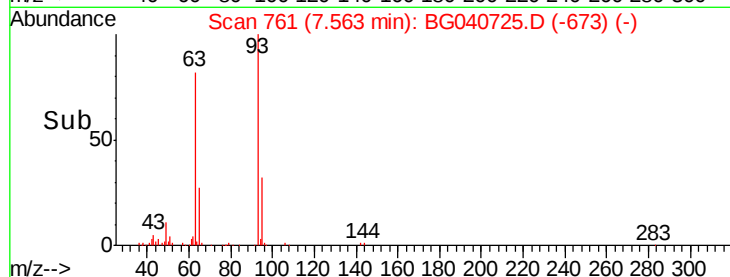
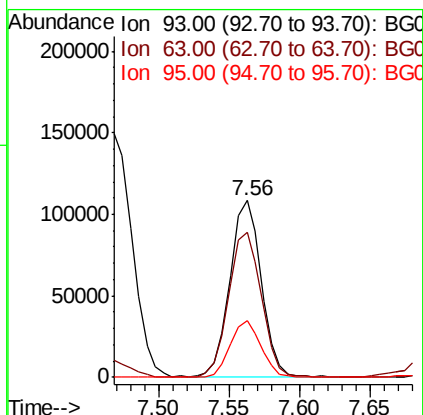
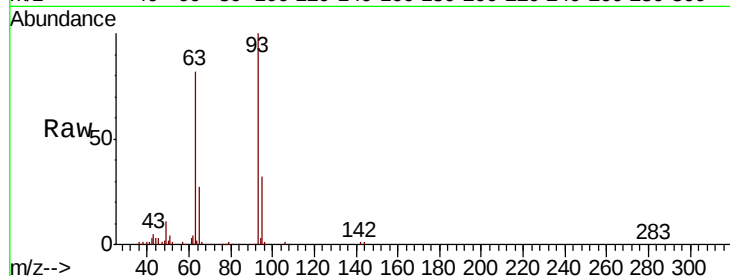




#11
bis(2-Chloroethyl)ether
Concen: 42.391 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

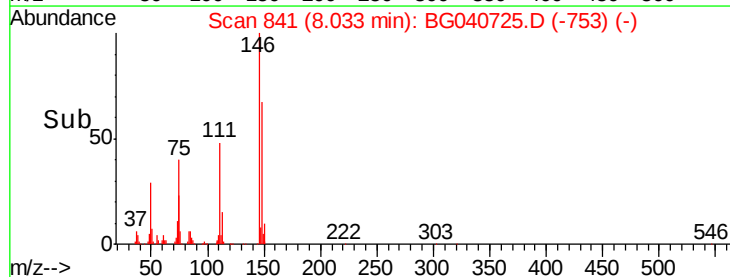
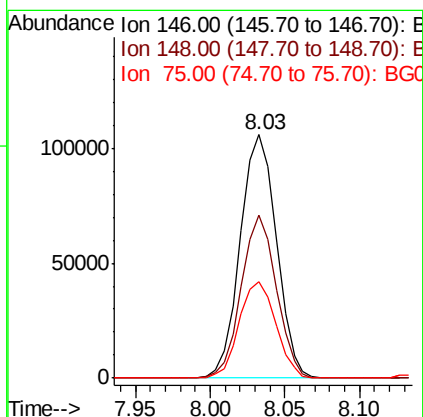
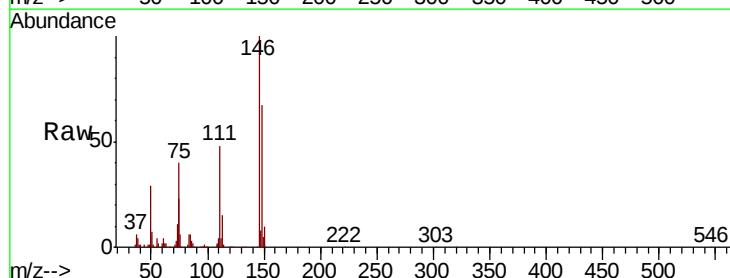
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

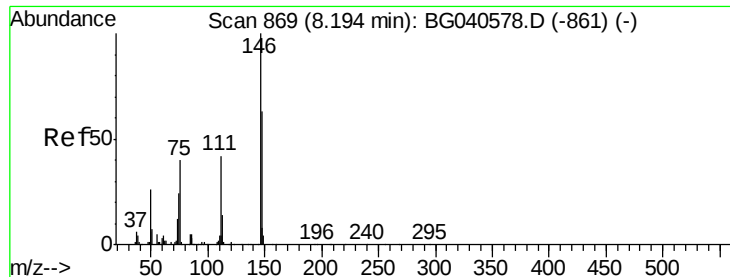
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.0	68.2	108.2
95	31.8	14.3	54.3



#12
1,3-Dichlorobenzene
Concen: 41.874 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.7	76.1
75	39.8	33.4	50.2

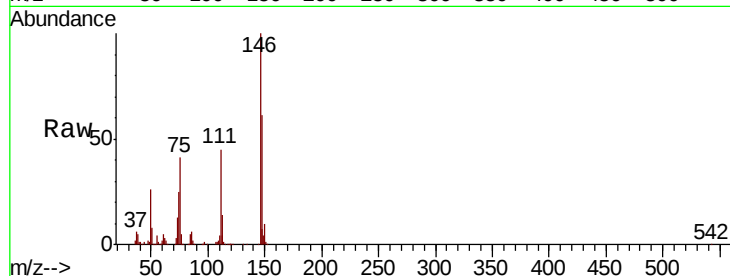




#13
 1,4-Dichlorobenzene
 Concen: 42.087 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	50.6	75.8
111	45.1	34.3	51.5

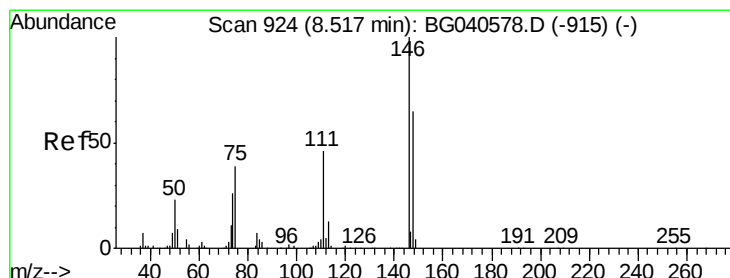
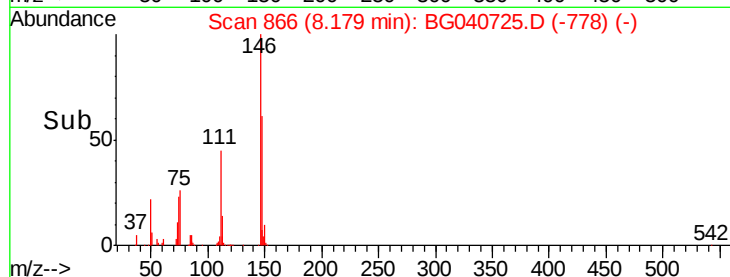
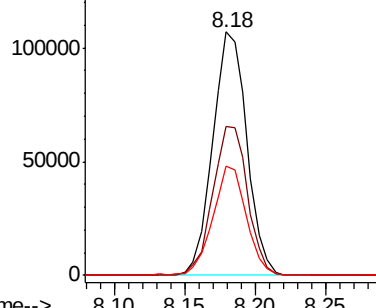


Abundance

Ion 146.00 (145.70 to 146.70): E

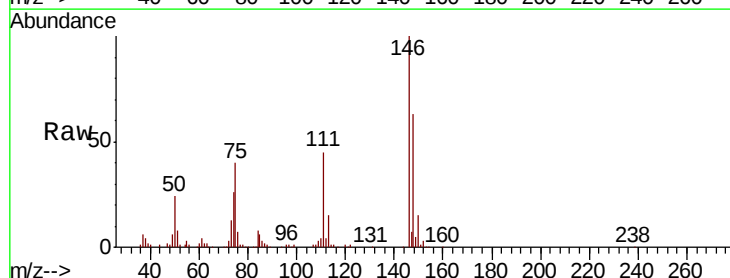
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.608 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.4
111	45.3	37.4	56.0

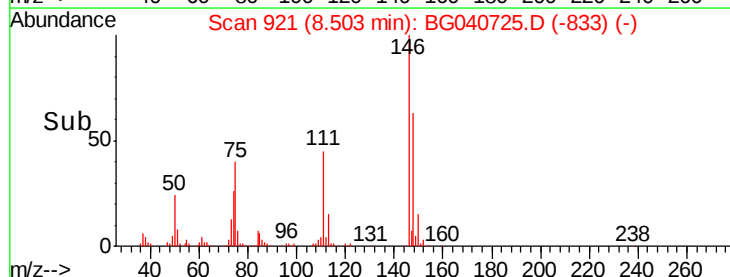
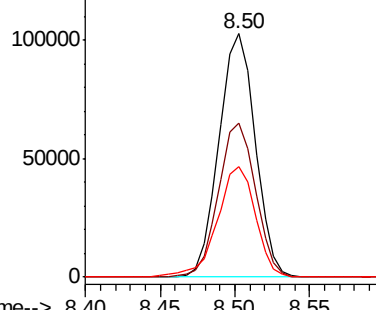


Abundance

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: 40.616 ng

RT: 8.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

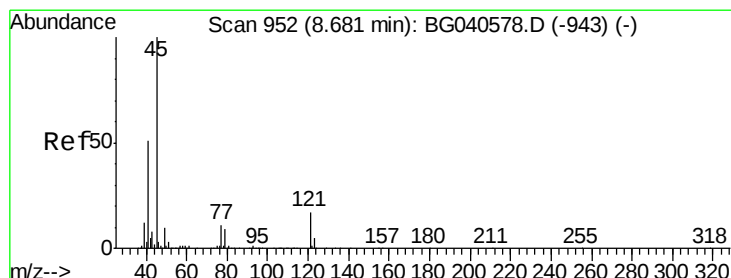
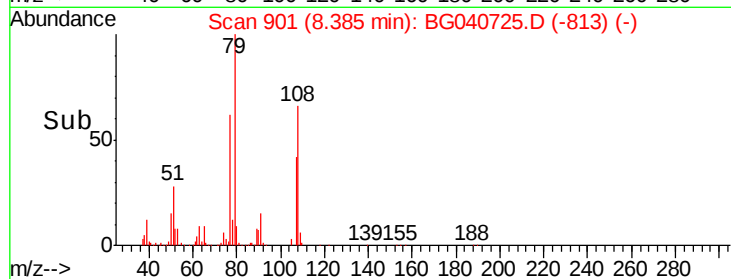
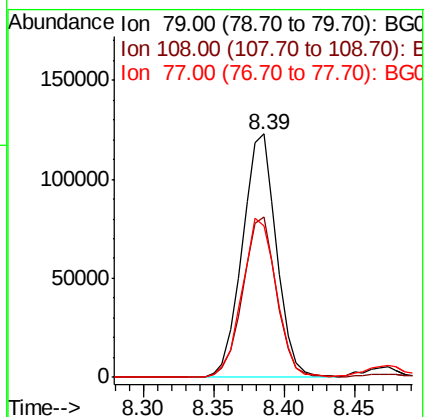
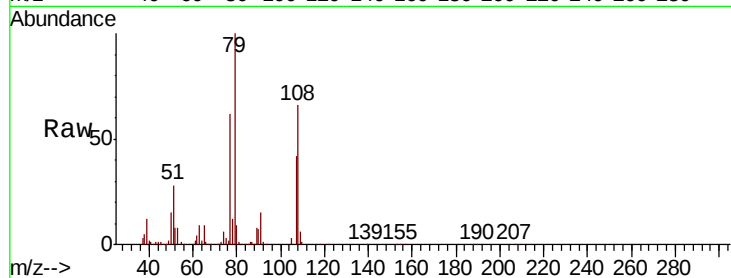
Tot Ion: 79 Resp: 207374

Ion Ratio Lower Upper

79 100

108 65.6 51.4 77.0

77 62.4 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.600 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

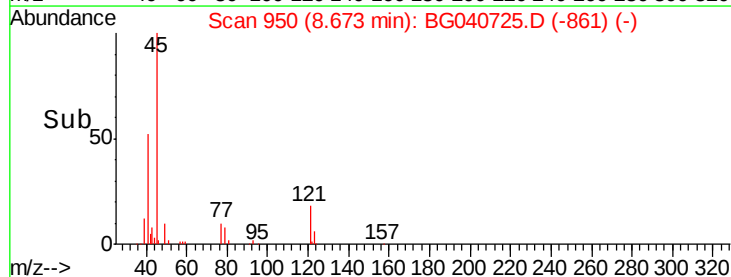
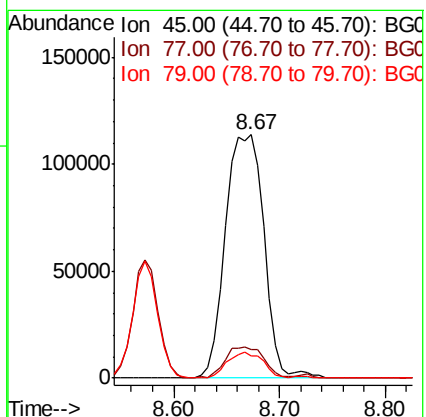
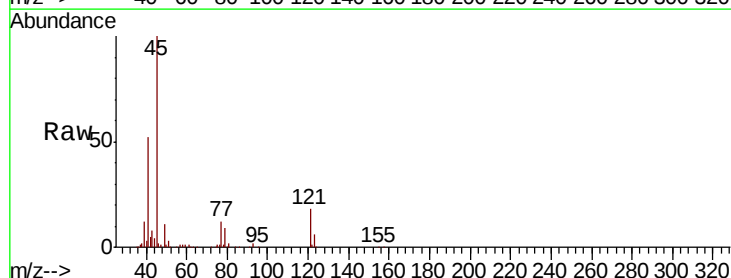
Tgt Ion: 45 Resp: 288228

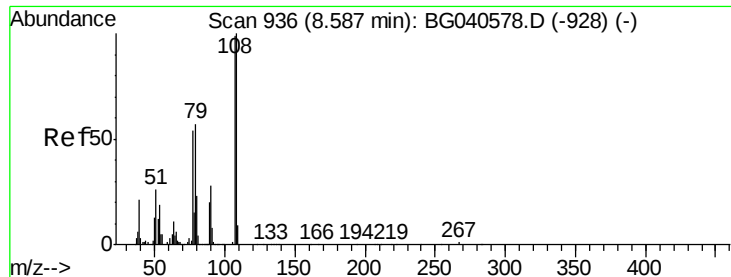
Ion Ratio Lower Upper

45 100

77 11.5 0.0 31.5

79 9.3 0.0 29.4





#17

2-Methylphenol

Concen: 41.101 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 153425

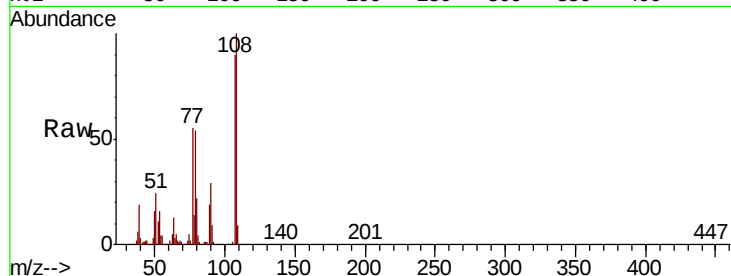
Ion Ratio Lower Upper

107 100

108 111.5 81.2 121.8

77 61.3 44.4 66.6

79 60.7 47.0 70.4

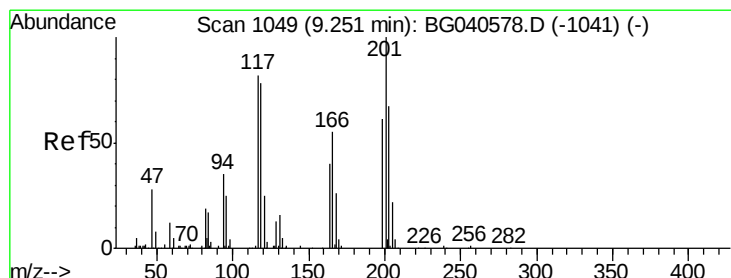
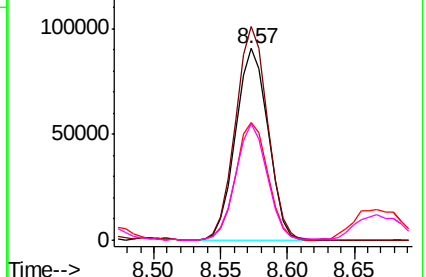
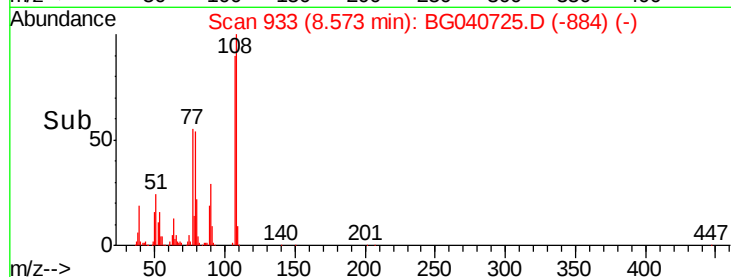


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.331 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

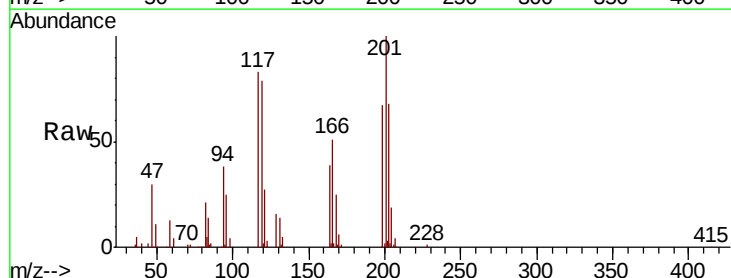
Tgt Ion:117 Resp: 71235

Ion Ratio Lower Upper

117 100

119 96.0 76.6 114.8

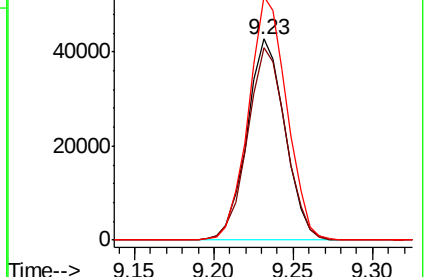
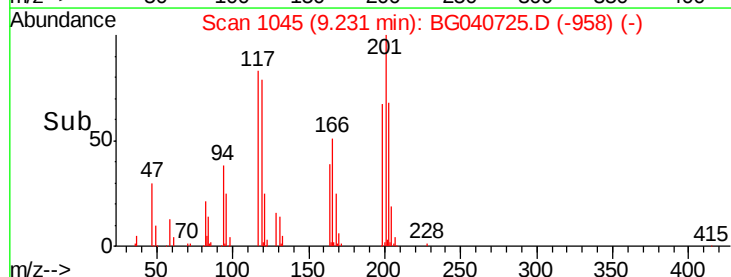
201 121.1 101.0 151.6

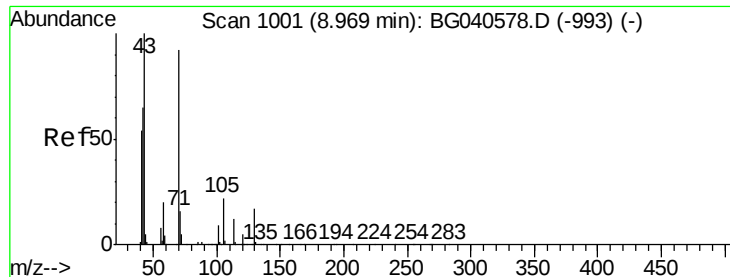


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

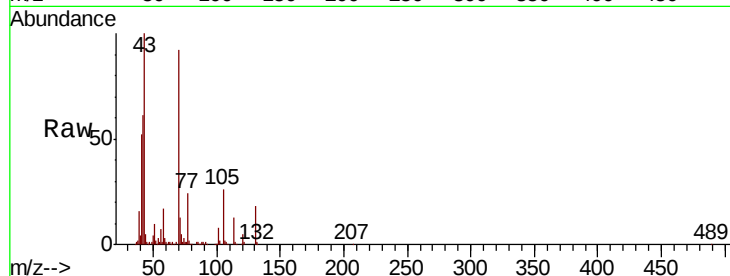




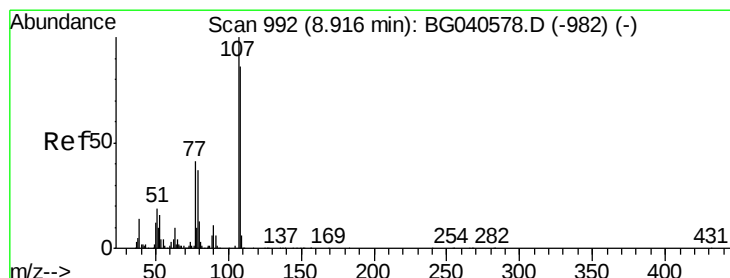
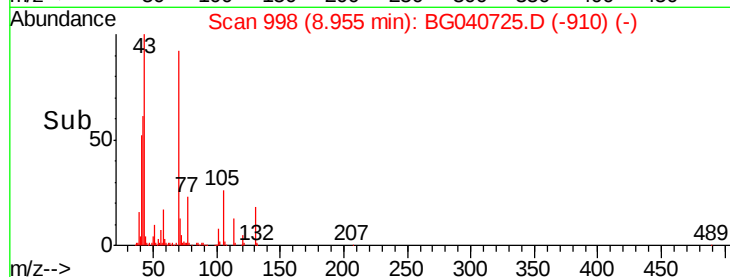
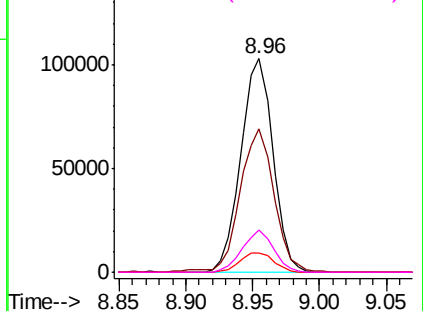
#19
n-Nitroso-di-n-propylamine
Concen: 38.774 ng
RT: 8.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	171268
Ion	Ratio	Lower	Upper
70	100		
42	66.9	57.1	85.7
101	9.0	7.8	11.8
130	19.8	14.6	21.8

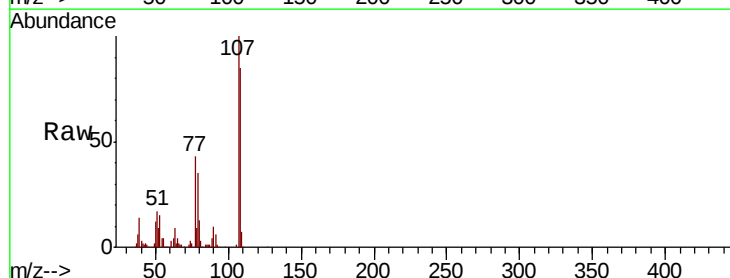


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

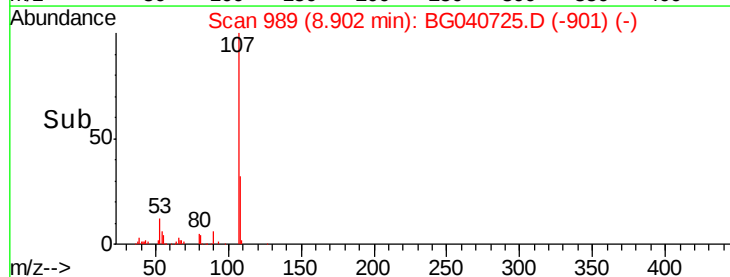
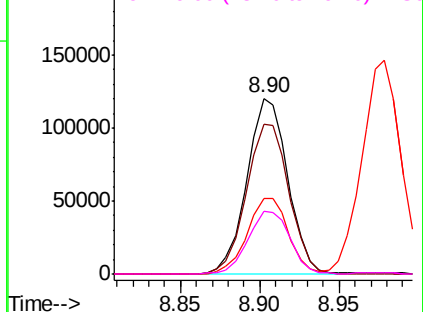


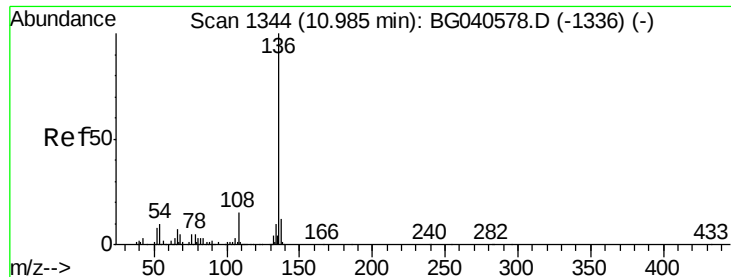
#20
3+4-Methylphenols
Concen: 41.390 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion:	107	Resp:	215237
Ion	Ratio	Lower	Upper
107	100		
108	85.2	66.1	106.1
77	43.3	21.6	61.6
79	35.5	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: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 246353

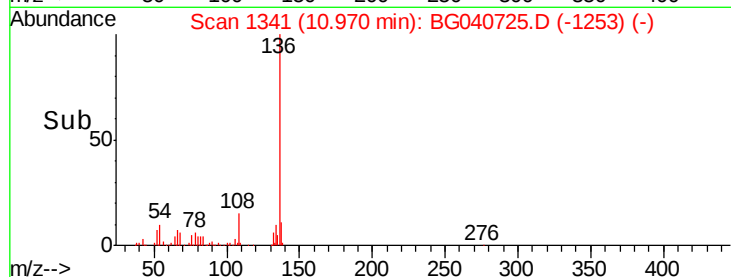
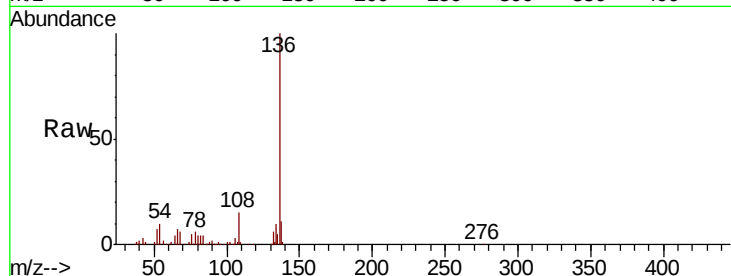
Ion Ratio Lower Upper

136 100

137 11.3 9.7 14.5

54 9.8 8.6 12.8

68 6.4 4.8 7.2

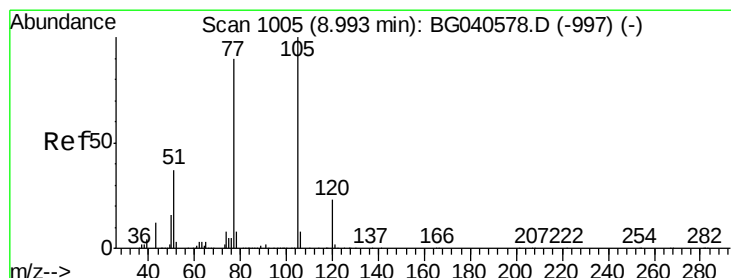
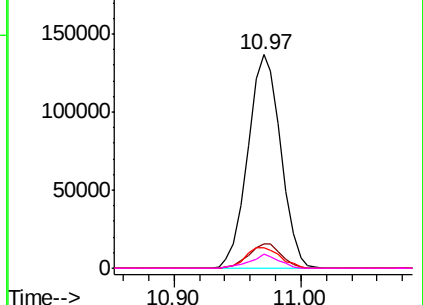


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 42.659 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Tgt Ion:105 Resp: 292233

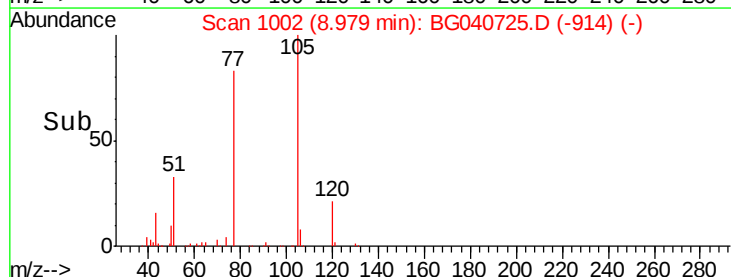
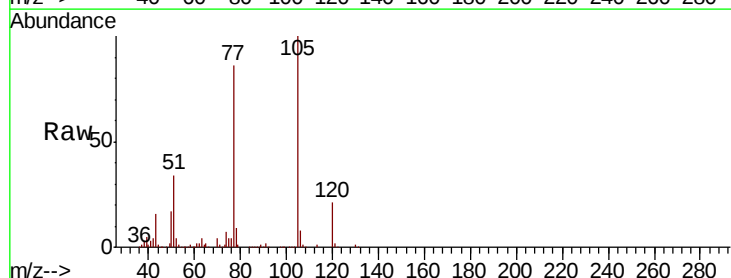
Ion Ratio Lower Upper

105 100

71 0.6 1.8 2.8#

51 34.2 29.8 44.8

120 21.4 18.4 27.6

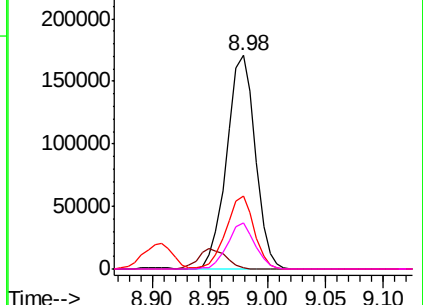


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

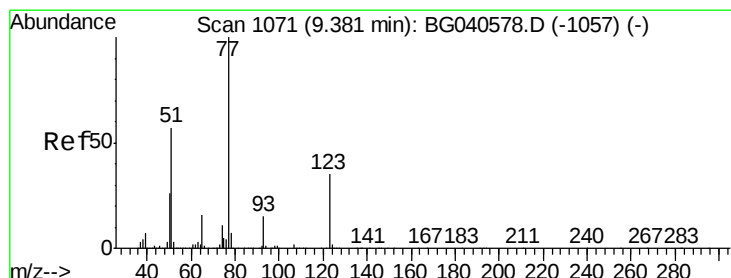
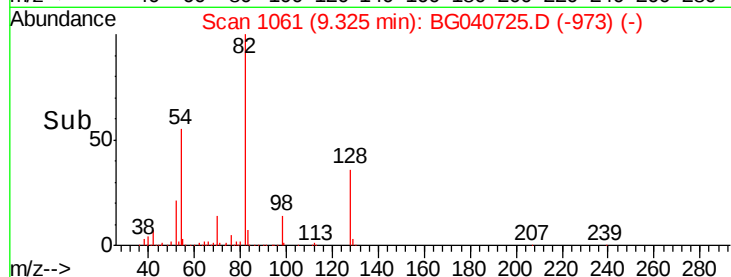
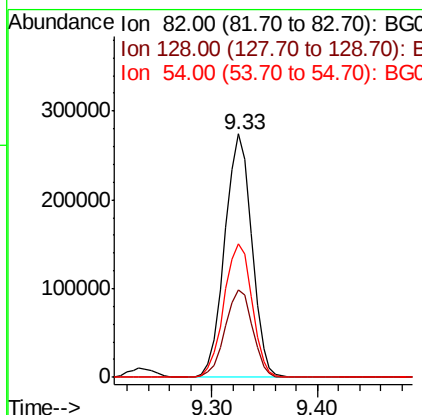
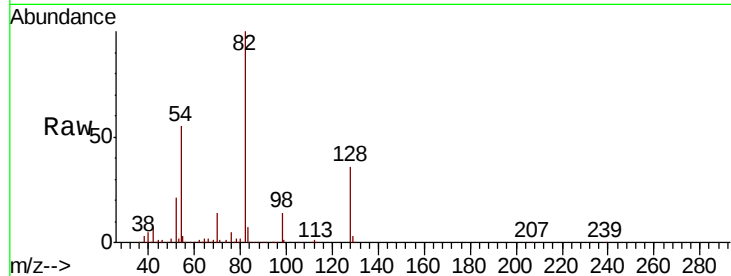




#23
 Nitrobenzene-d5
 Concen: 91.098 ng
 RT: 9.33 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

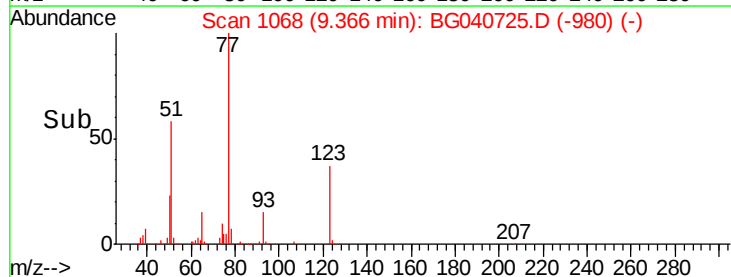
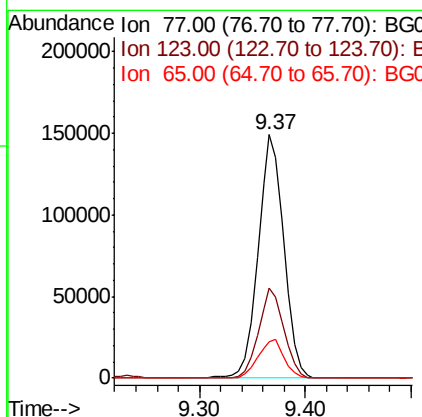
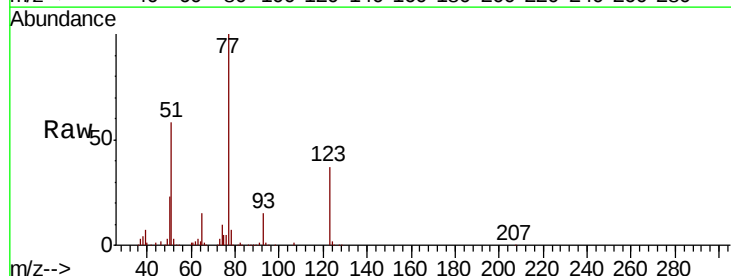
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

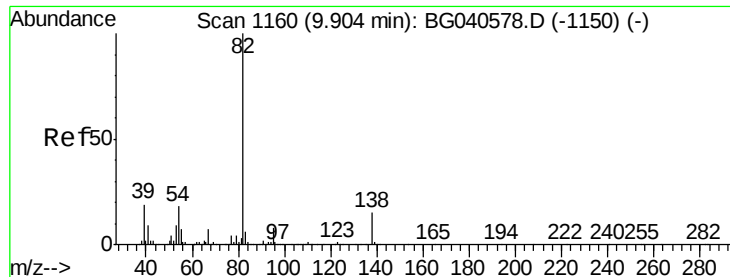
Tot Ion	82	Resp	485695
Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	54.7	47.2	70.8



#24
 Nitrobenzene
 Concen: 44.251 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Tgt Ion	77	Resp	251721
Ion	Ratio	Lower	Upper
77	100		
123	36.9	27.8	41.6
65	14.7	12.4	18.6





#25

Isophorone

Concen: 40.045 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

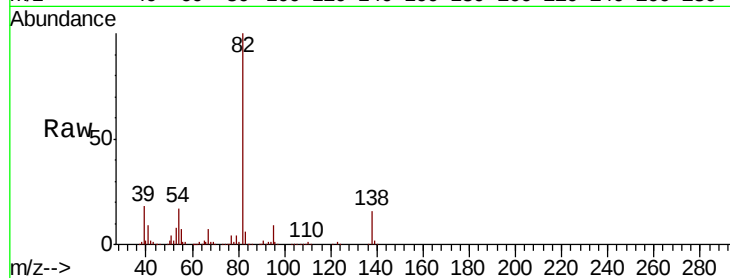
Tot Ion: 82 Resp: 475577

Ion Ratio Lower Upper

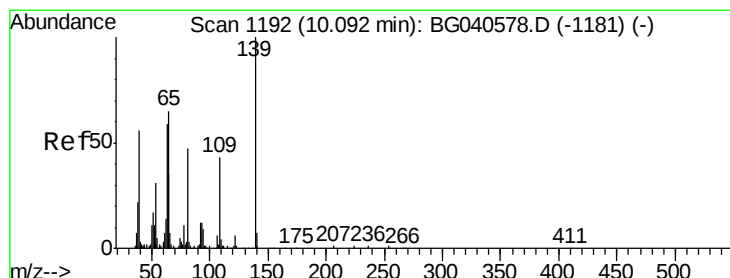
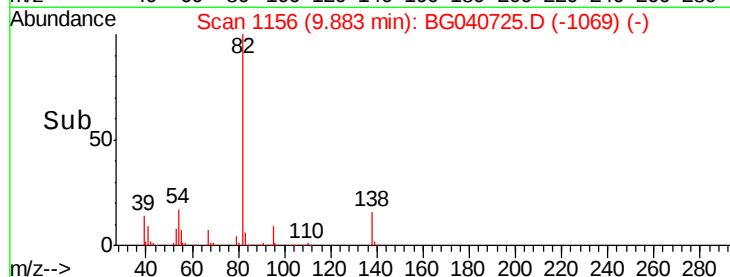
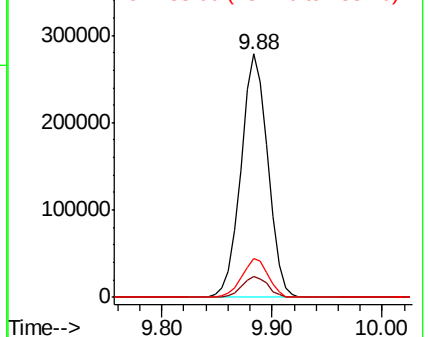
82 100

95 8.5 6.9 10.3

138 15.8 12.3 18.5



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



#26

2-Nitrophenol

Concen: 51.600 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

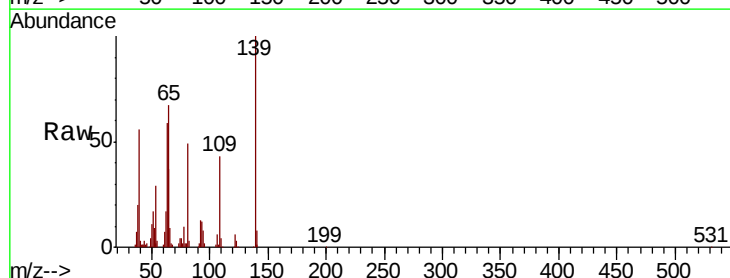
Tgt Ion: 139 Resp: 105218

Ion Ratio Lower Upper

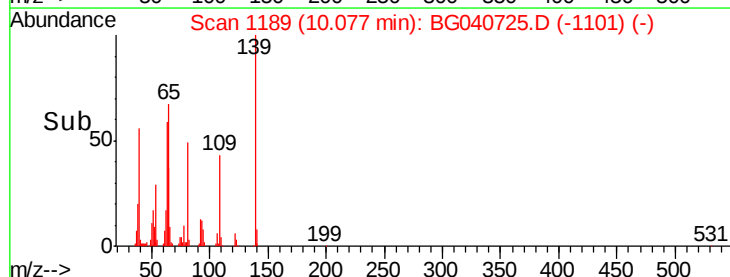
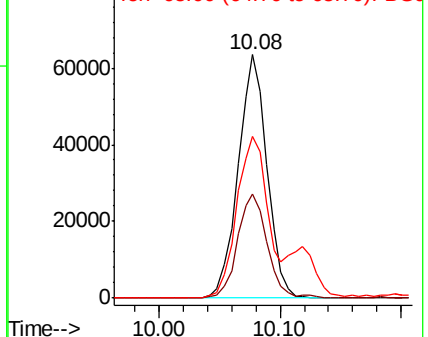
139 100

109 42.9 35.6 53.4

65 66.5 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: 42.066 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

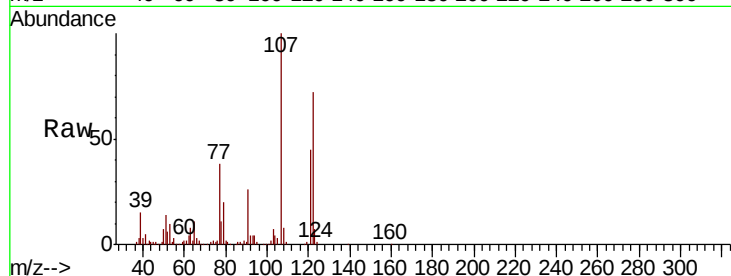
Tot Ion:122 Resp: 160939

Ion Ratio Lower Upper

122 100

107 139.7 110.1 165.1

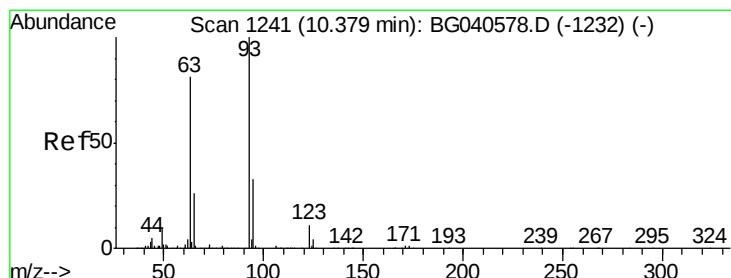
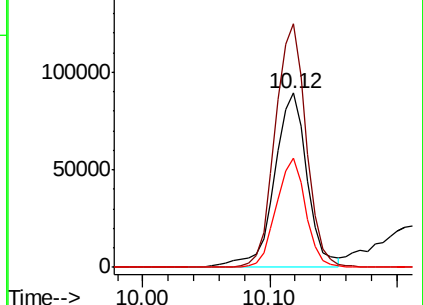
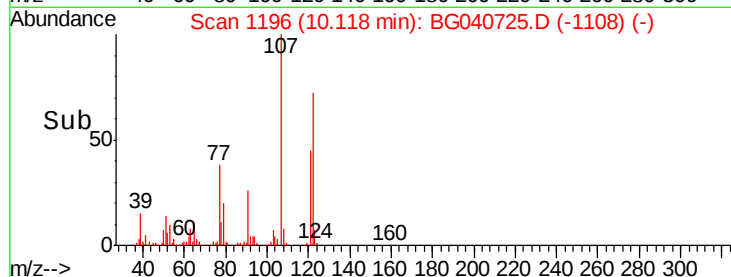
121 62.6 49.4 74.0



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: 41.028 ng

RT: 10.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

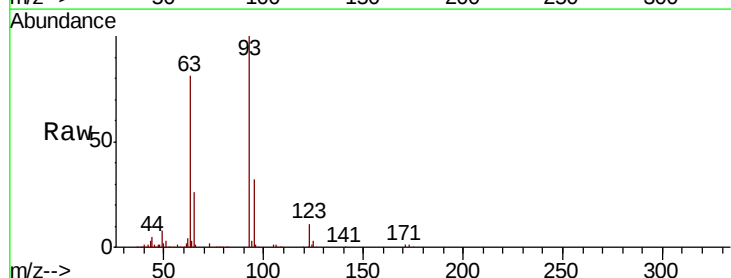
Tgt Ion: 93 Resp: 244463

Ion Ratio Lower Upper

93 100

95 31.6 26.6 40.0

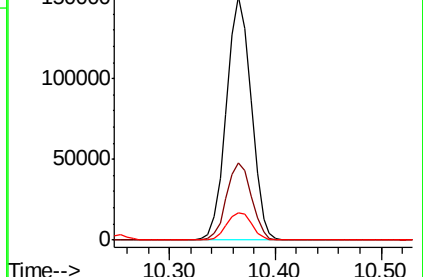
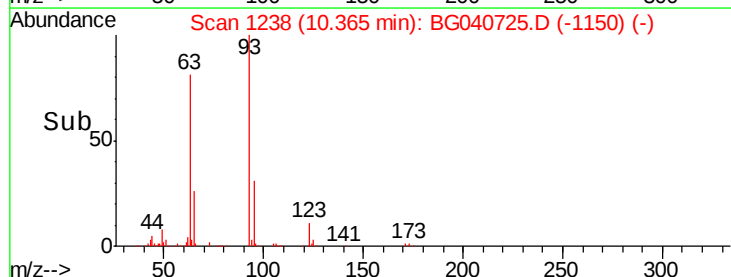
123 11.0 9.0 13.4

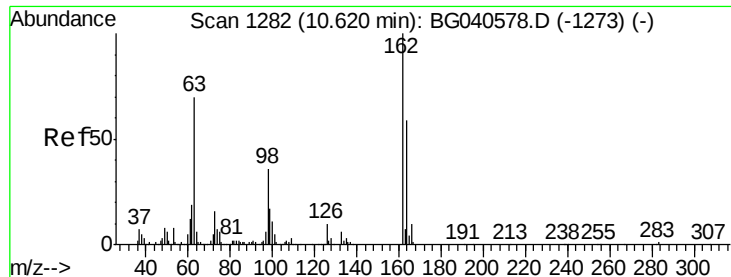


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

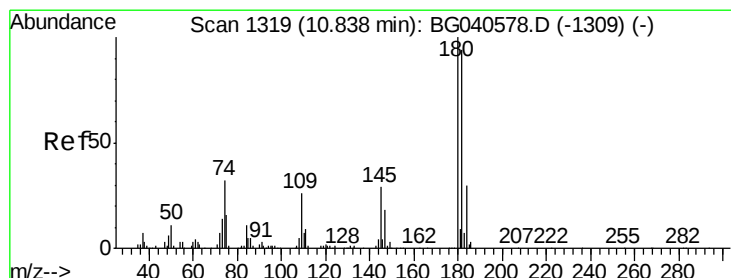
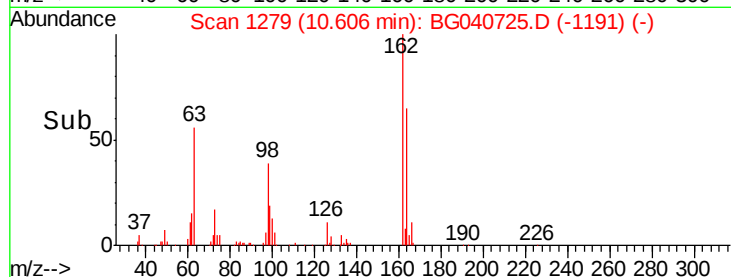
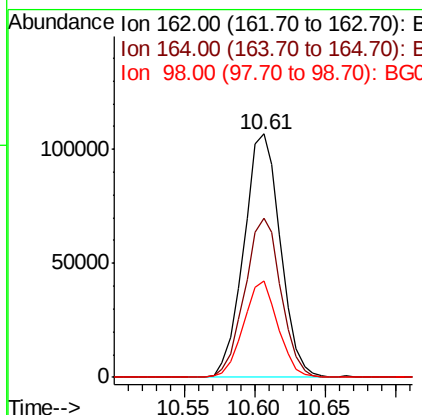
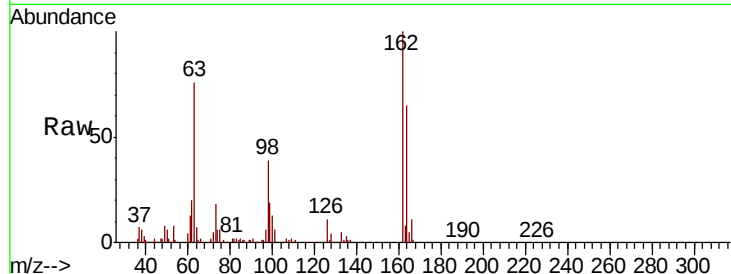




#29
 2,4-Dichlorophenol
 Concen: 44.557 ng
 RT: 10.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

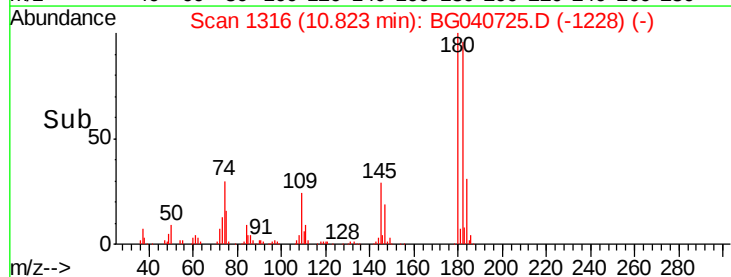
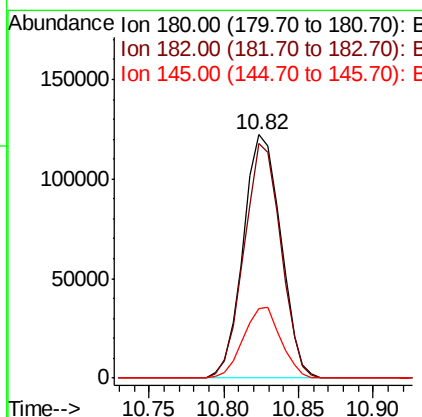
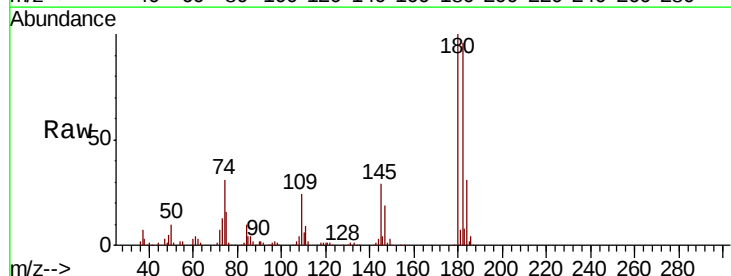
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	38.9	78.9
98	39.5	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 44.246 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.2	112.8
145	28.6	23.6	35.4

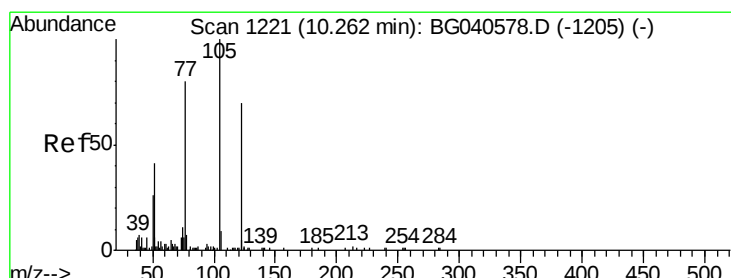
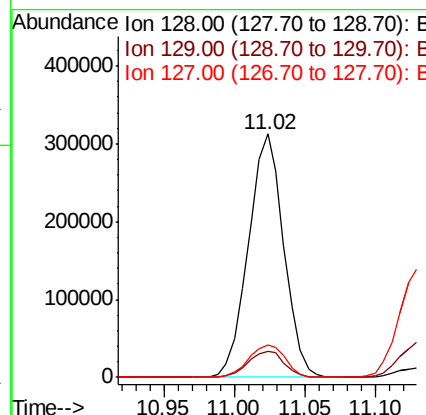
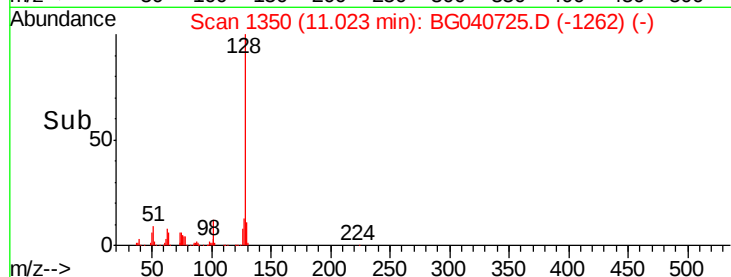
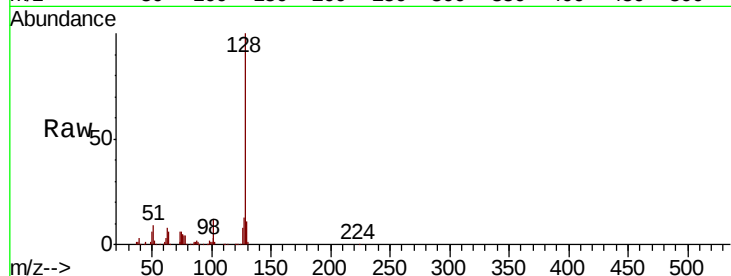




#31
Naphthalene
Concen: 41.876 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

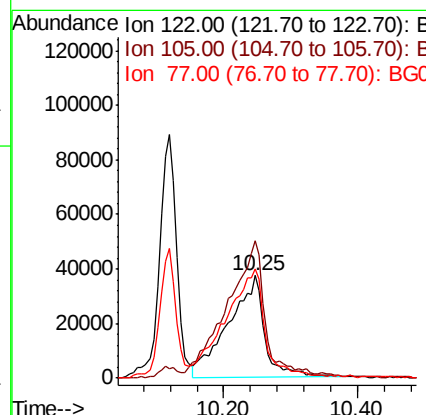
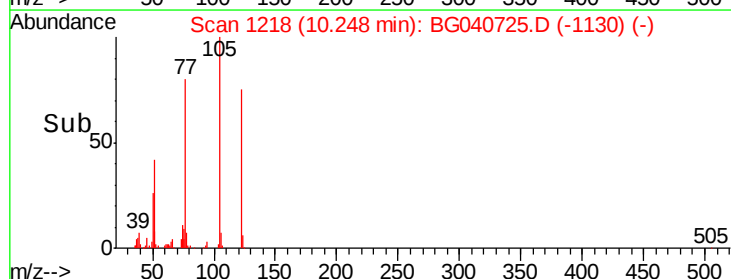
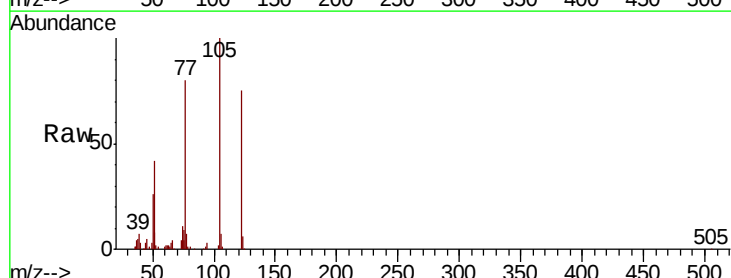
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.3	11.3	16.9



#32
Benzoic acid
Concen: 53.767 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.7	110.9	150.9
77	106.6	87.6	127.6

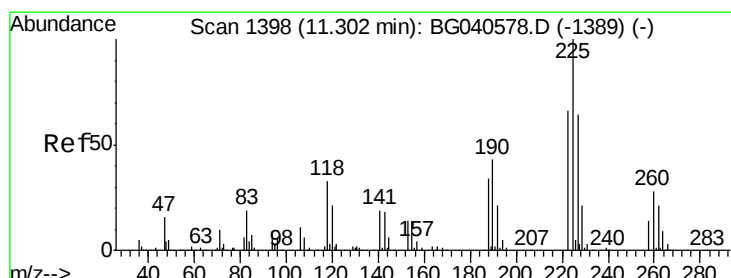
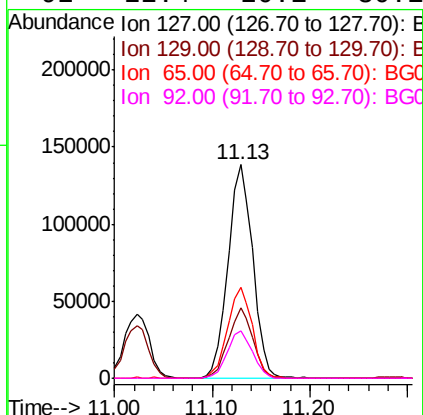
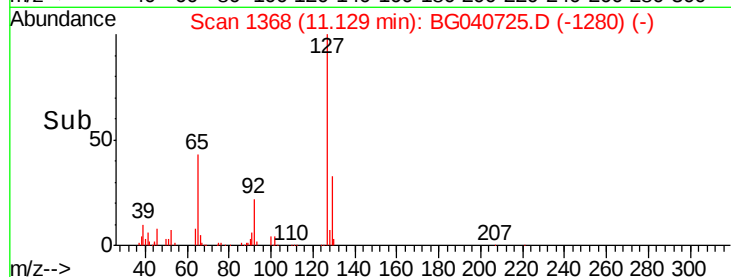
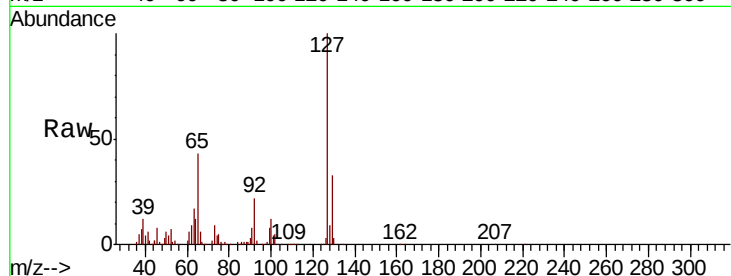




#33
4-Chloroaniline
Concen: 42.088 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

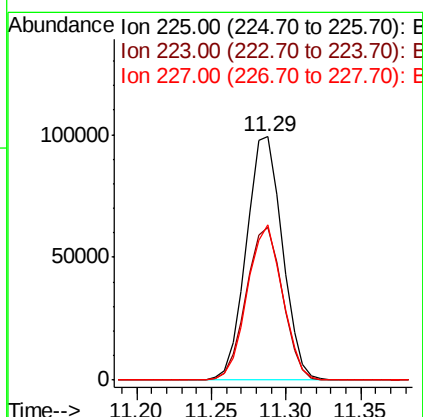
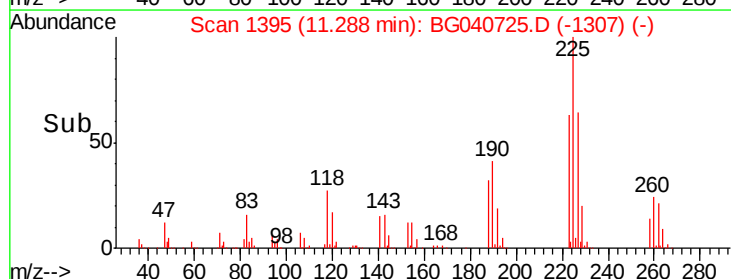
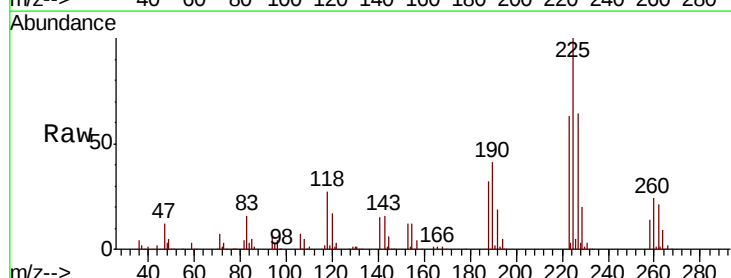
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

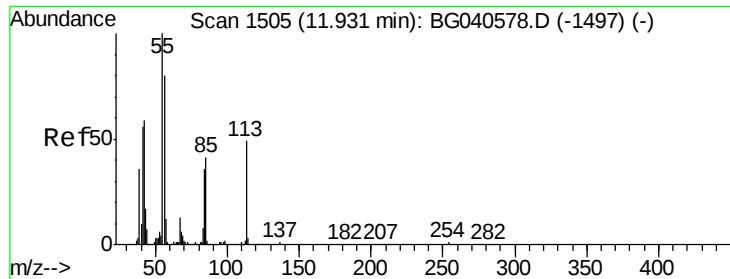
Tot Ion:	127	Resp:	244231
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	42.8	36.1	54.1
92	22.4	20.1	30.1



#34
Hexachlorobutadiene
Concen: 46.401 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion:	225	Resp:	165232
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.5	51.0	76.6

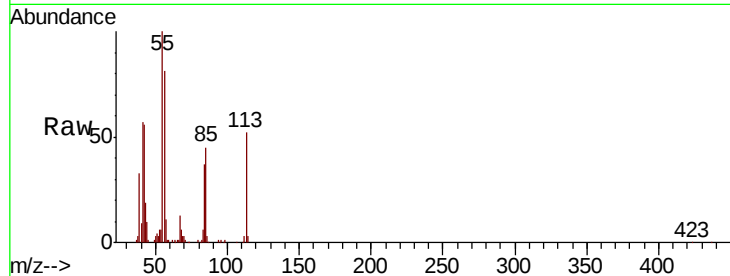




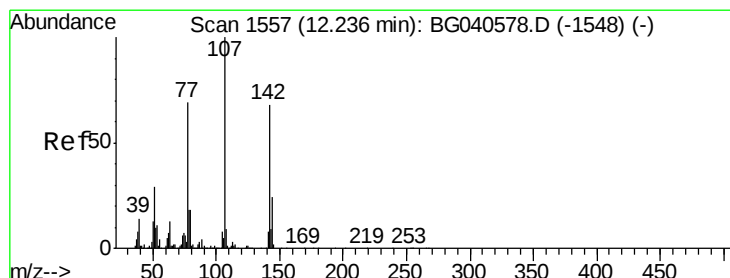
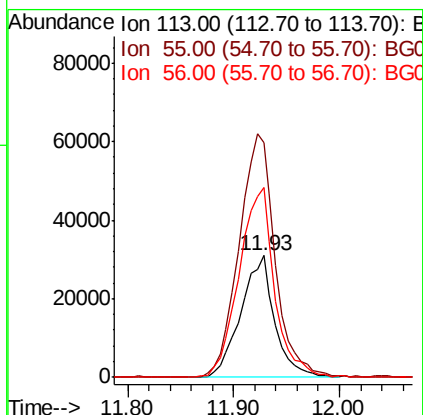
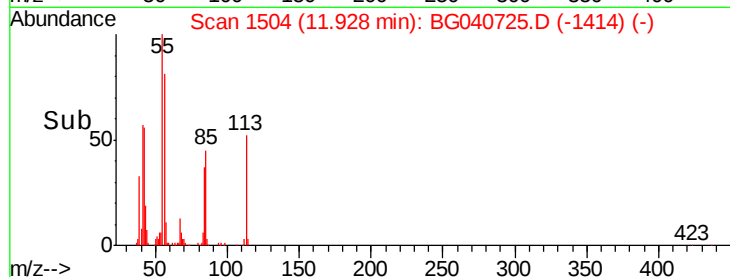
#35
 Caprolactam
 Concen: 40.138 ng
 RT: 11.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 68926
 Ion Ratio Lower Upper
 113 100
 55 192.8 198.6 238.6#
 56 156.1 148.4 188.4

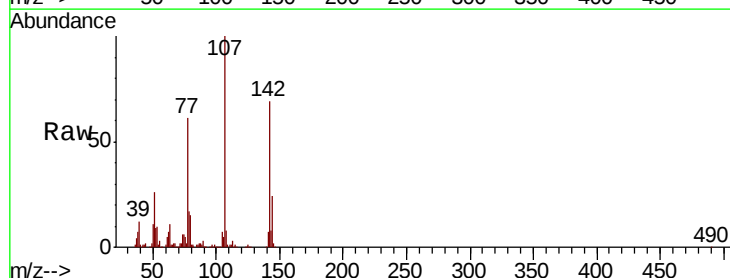


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

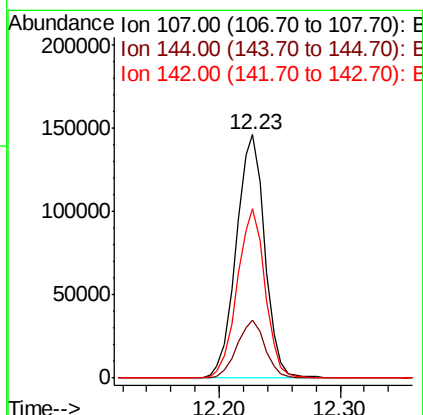
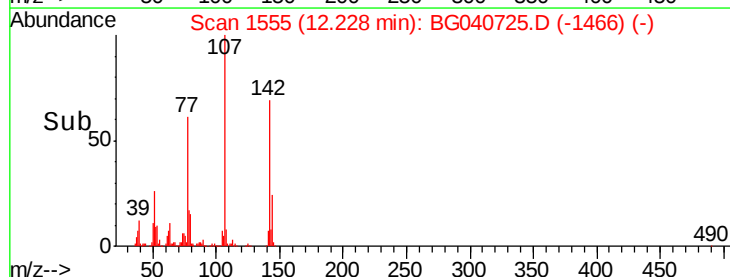


#36
 4-Chloro-3-methylphenol
 Concen: 43.959 ng
 RT: 12.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Tgt Ion:107 Resp: 241202
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 69.3 54.6 81.8



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

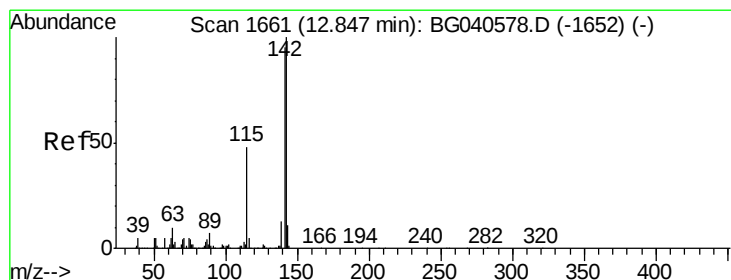
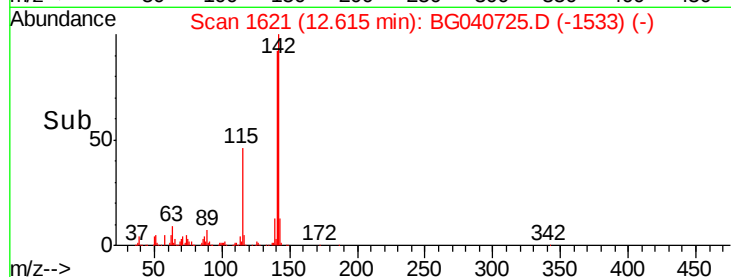
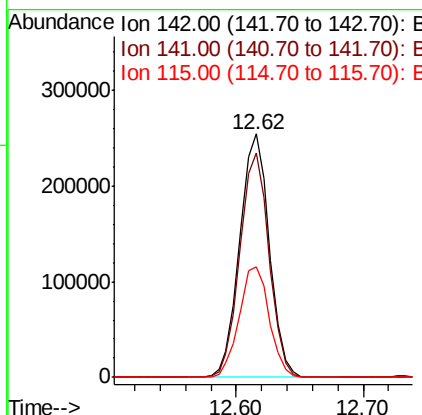
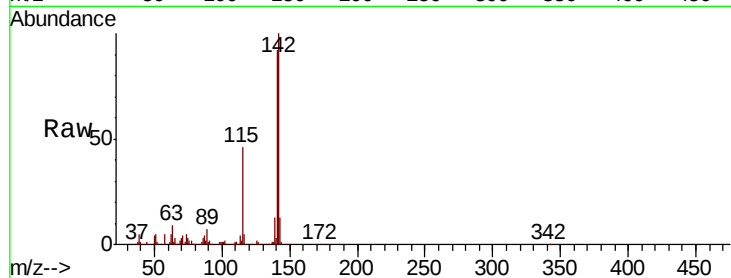




#37
2-Methylnaphthalene
Concen: 42.055 ng
RT: 12.62 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

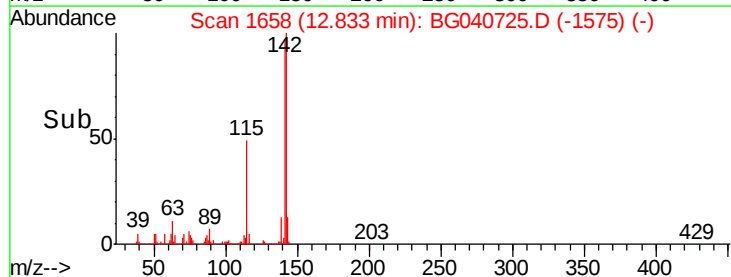
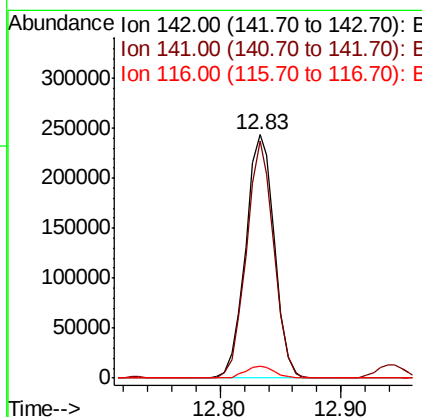
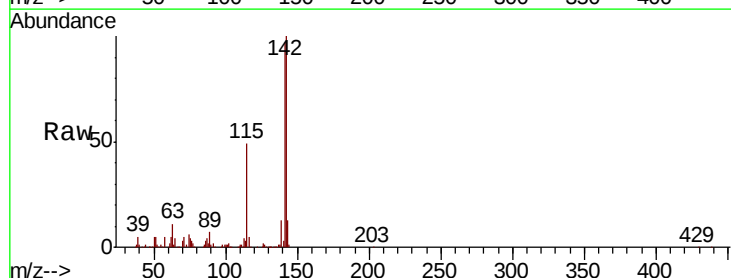
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.2
115	45.6	36.2	54.4



#38
1-Methylnaphthalene
Concen: 42.121 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.5	75.9	113.9
116	5.1	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: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

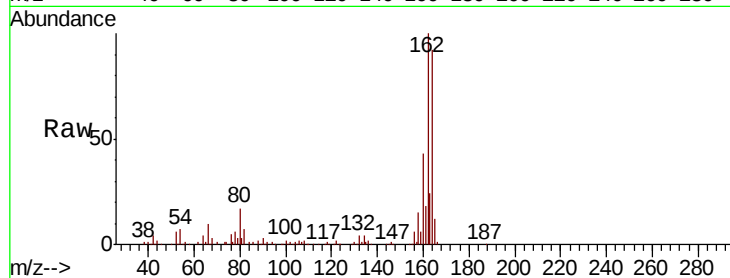
Tot Ion:164 Resp: 174505

Ion Ratio Lower Upper

164 100

162 108.5 81.9 122.9

160 47.1 35.4 53.2

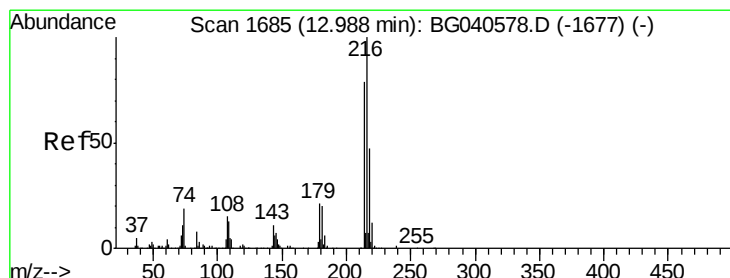
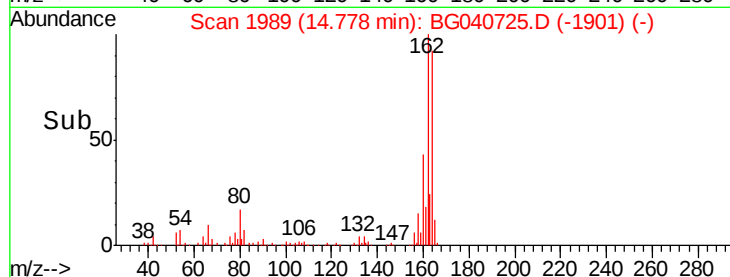
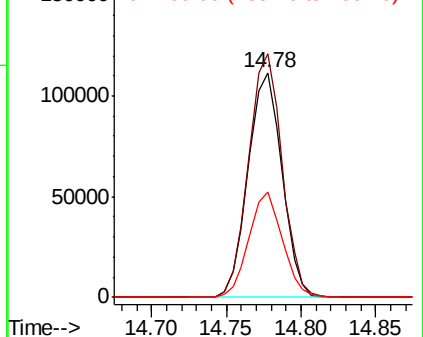


Abundance

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: 44.921 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Tgt Ion:216 Resp: 292018

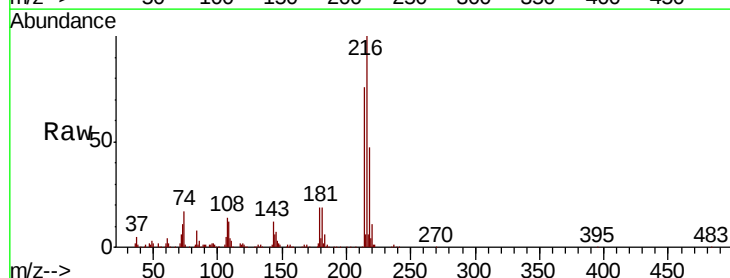
Ion Ratio Lower Upper

216 100

214 77.9 63.7 95.5

179 19.6 16.6 24.8

108 16.7 14.7 22.1



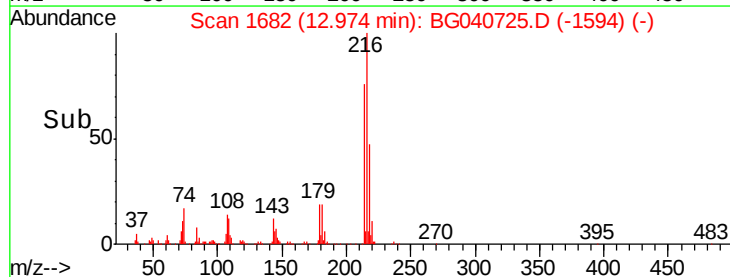
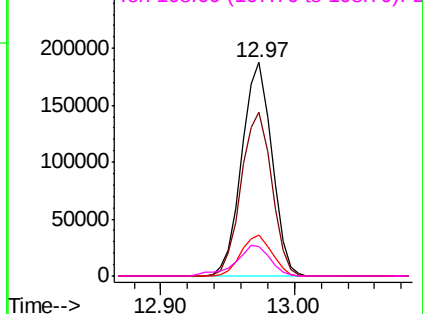
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 56.200 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

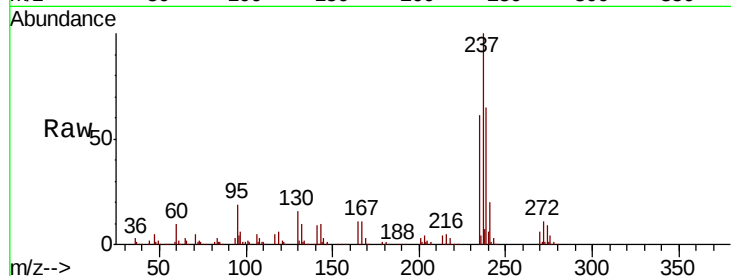
Tot Ion:237 Resp: 215583

Ion Ratio Lower Upper

237 100

235 61.4 42.5 82.5

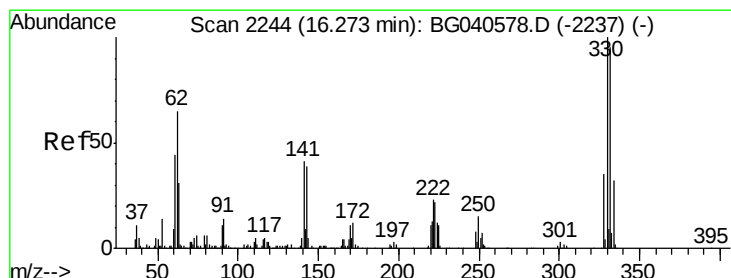
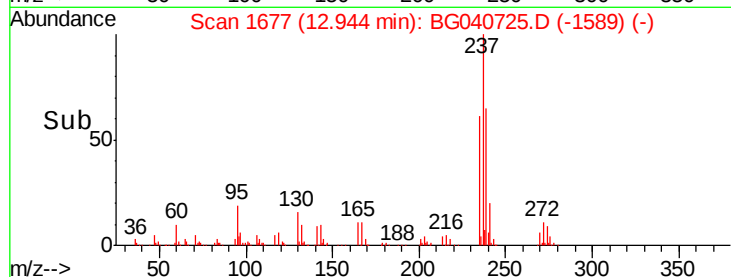
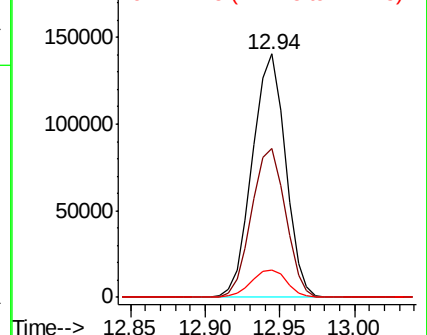
272 11.3 0.0 31.6



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: 94.105 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

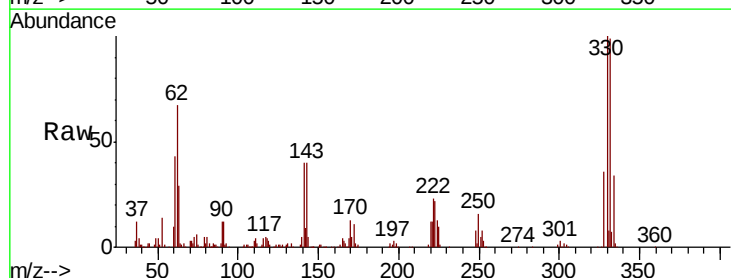
Tgt Ion:330 Resp: 225721

Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

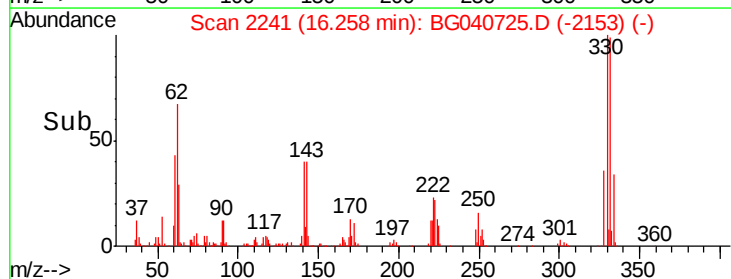
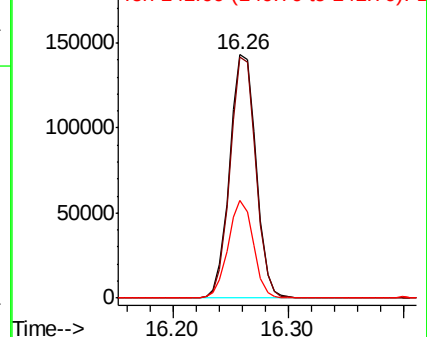
141 38.3 32.4 48.6

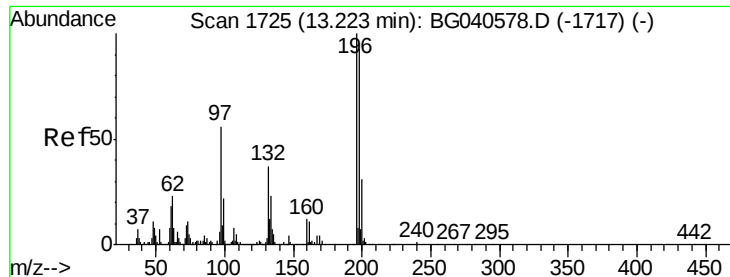


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

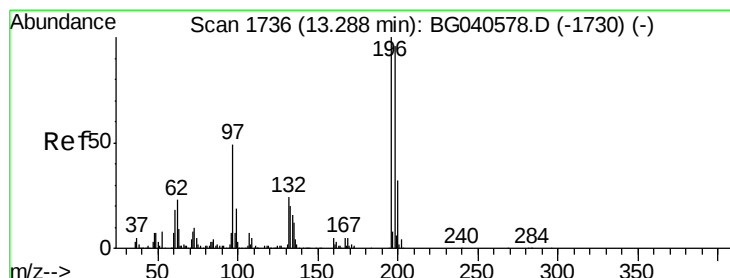
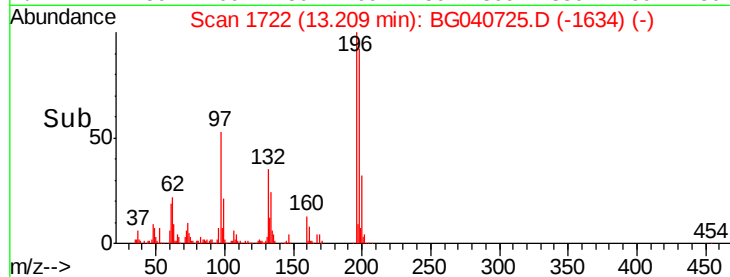
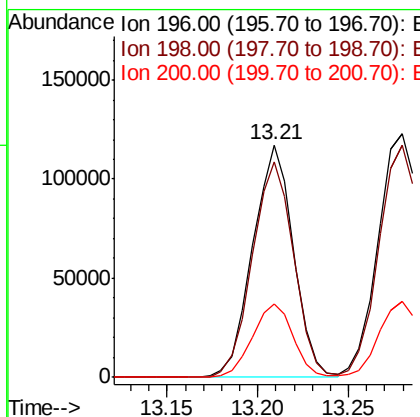
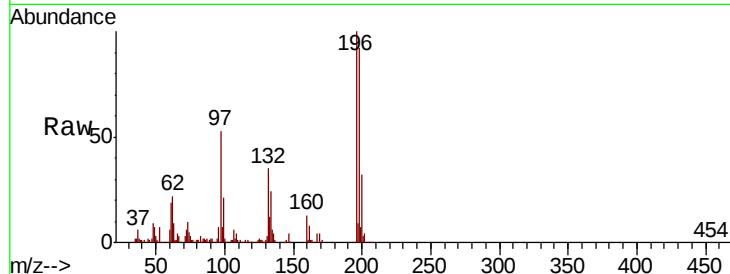




#43
 2,4,6-Trichlorophenol
 Concen: 46.585 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

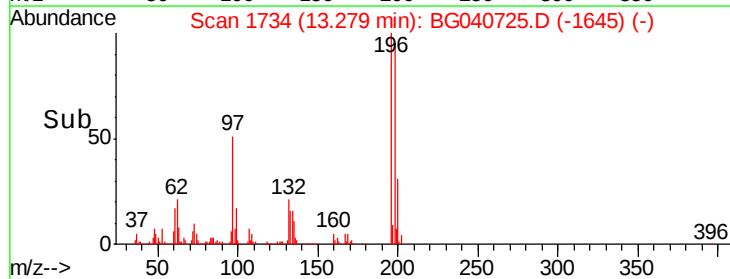
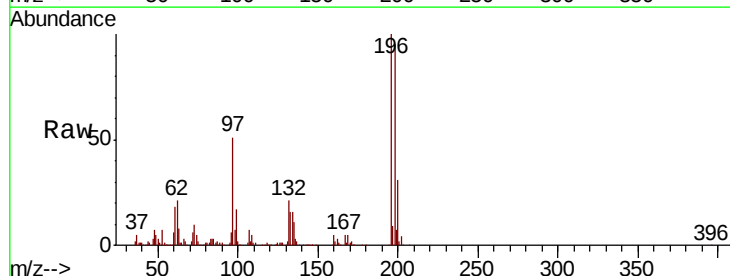
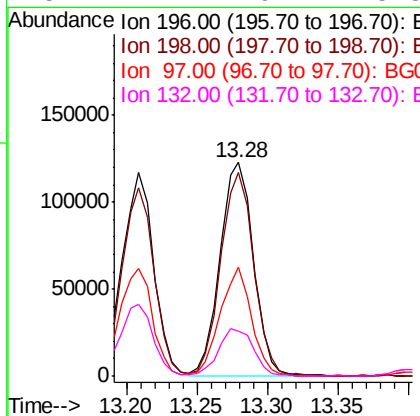
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	74.8	112.2
200	31.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.203 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.0	115.6
97	51.0	40.0	60.0
132	21.2	19.2	28.8

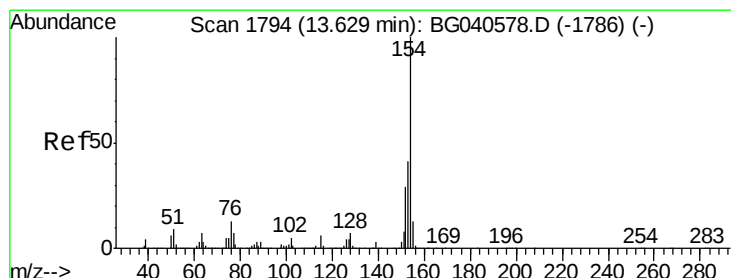
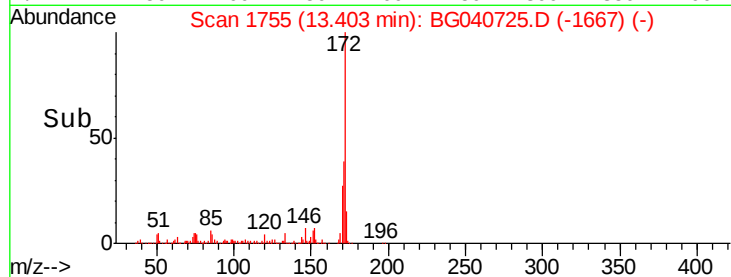
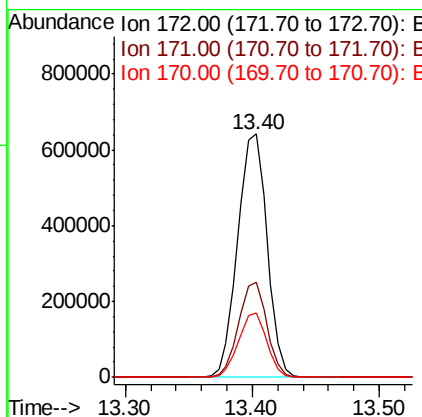
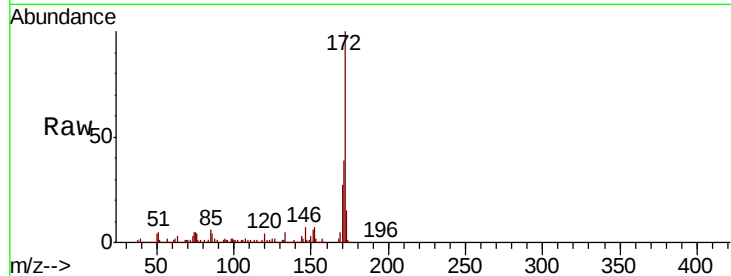




#45
2-Fluorobiphenyl
Concen: 85.404 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

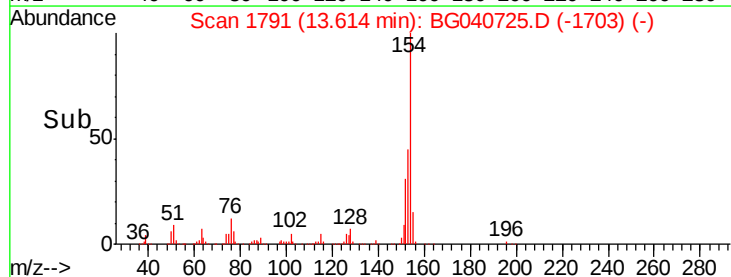
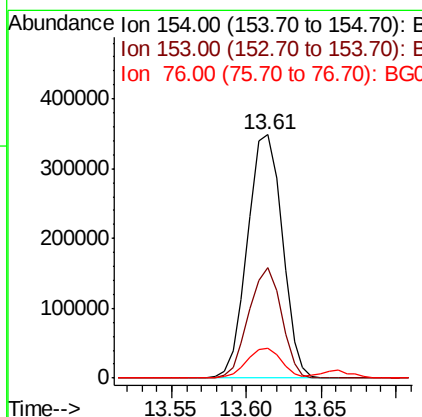
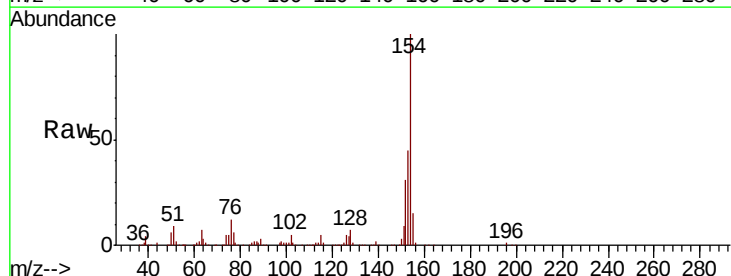
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

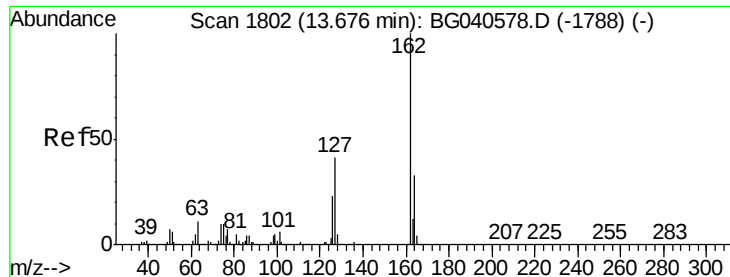
Tot Ion:172 Resp: 1031953
Ion Ratio Lower Upper
172 100
171 39.0 29.4 44.2
170 26.6 19.9 29.9



#46
1,1'-Biphenyl
Concen: 41.426 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion:154 Resp: 561273
Ion Ratio Lower Upper
154 100
153 45.2 20.5 60.5
76 12.2 0.0 32.5

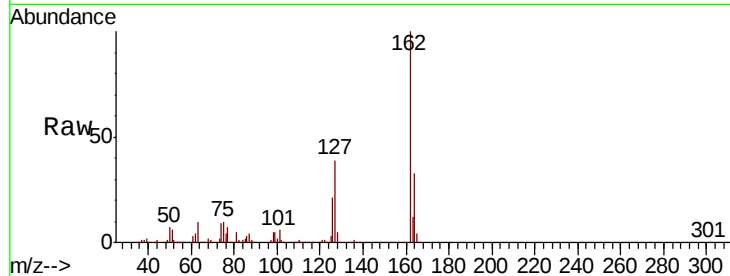




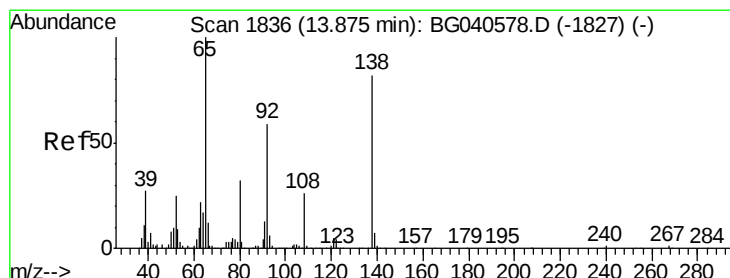
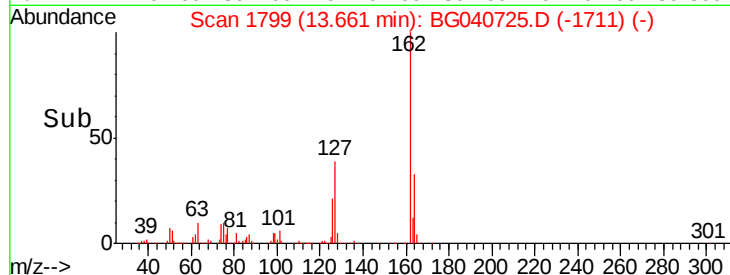
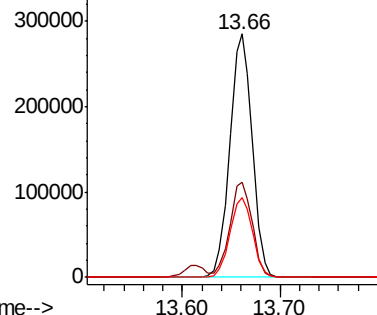
#47
2-Chloronaphthalene
Concen: 43.455 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.0	49.4
164	32.8	26.8	40.2

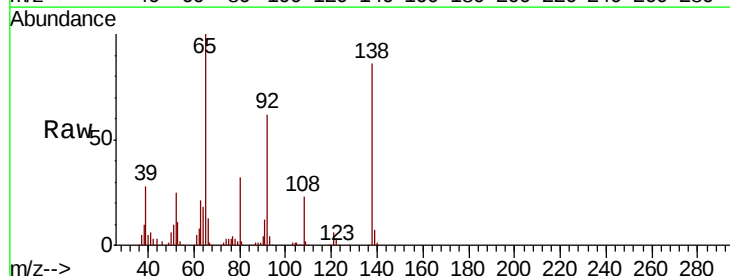


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

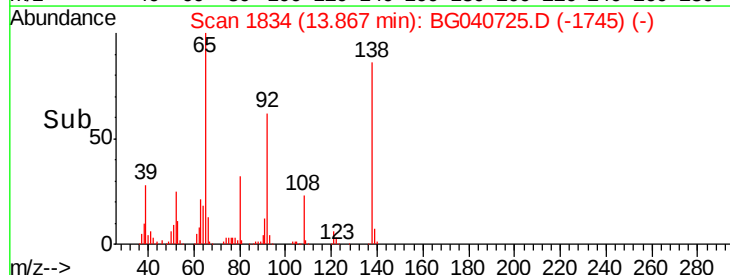
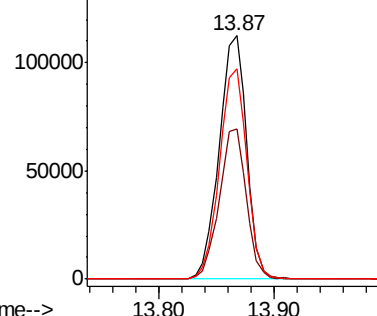


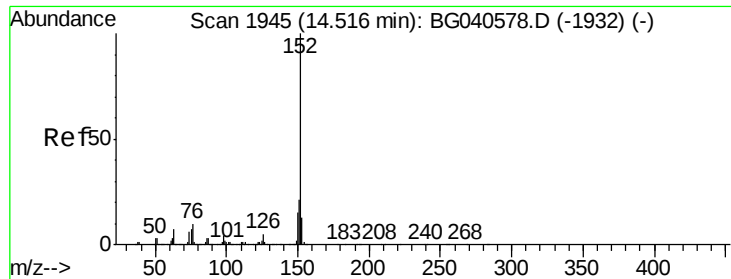
#48
2-Nitroaniline
Concen: 49.350 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	47.4	71.0
138	86.1	66.1	99.1



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.477 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

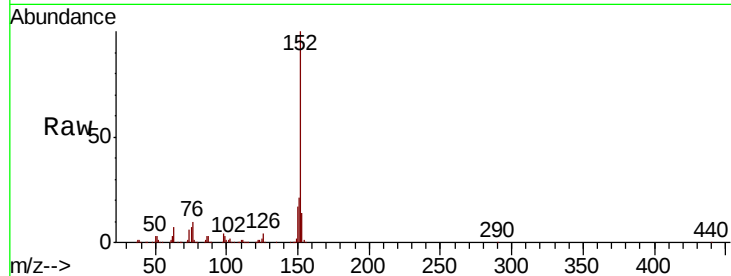
Tot Ion:152 Resp: 746147

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

153 13.8 10.7 16.1

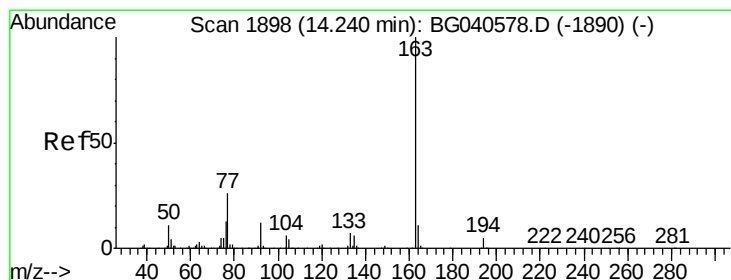
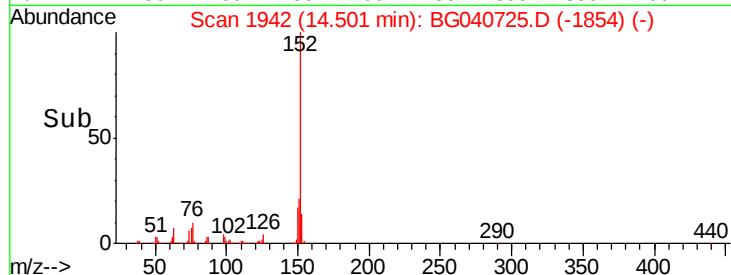
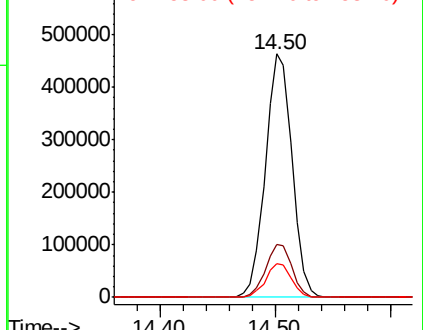


Abundance

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: 42.247 ng

RT: 14.23 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

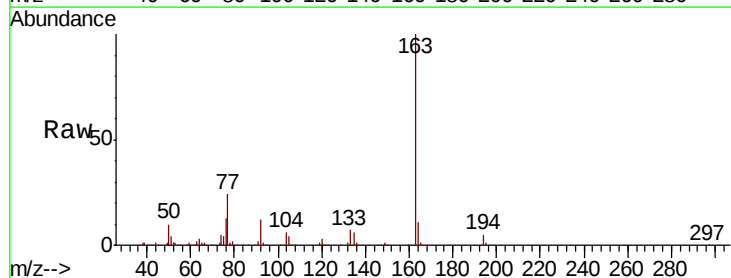
Tgt Ion:163 Resp: 616831

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

164 10.7 8.8 13.2

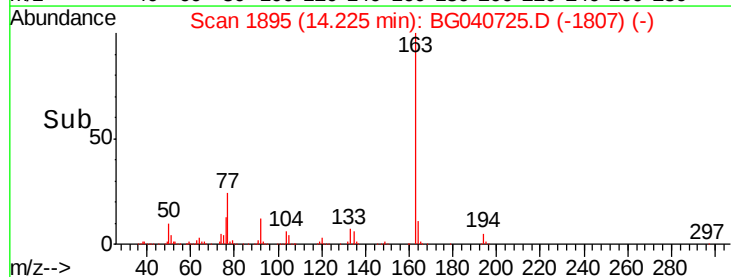
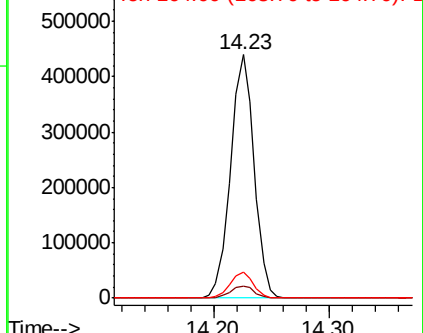


Abundance

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: 47.992 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

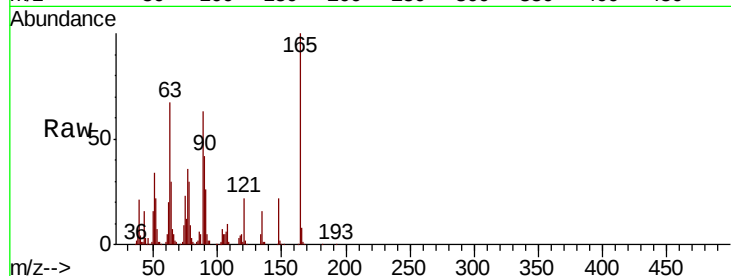
Tot Ion:165 Resp: 136756

Ion Ratio Lower Upper

165 100

63 67.3 61.0 91.4

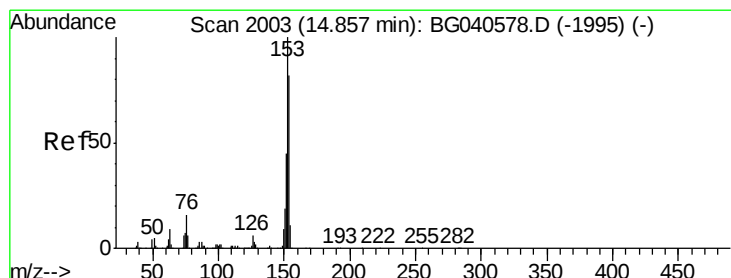
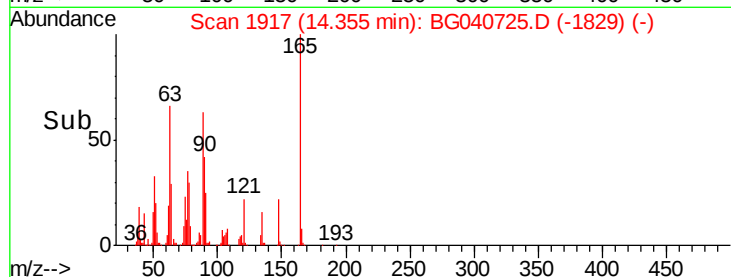
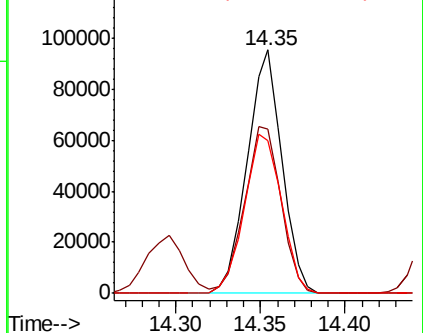
89 62.5 58.6 87.8



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: 40.563 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

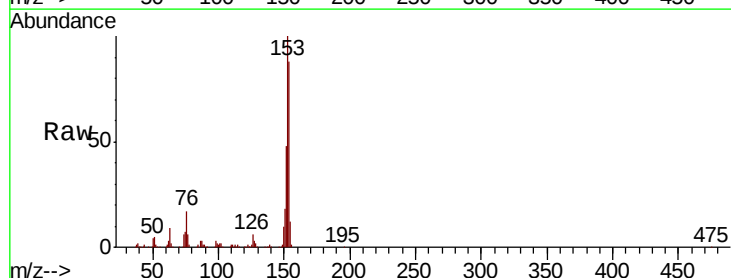
Tgt Ion:154 Resp: 424951

Ion Ratio Lower Upper

154 100

153 114.3 97.0 145.6

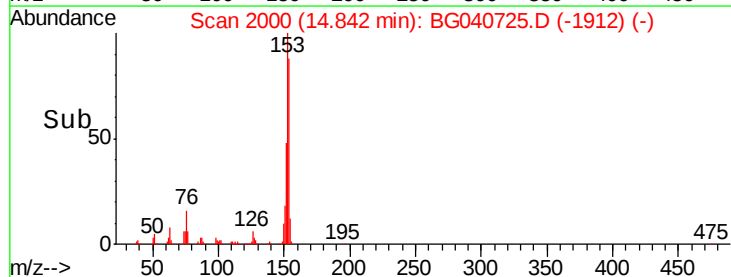
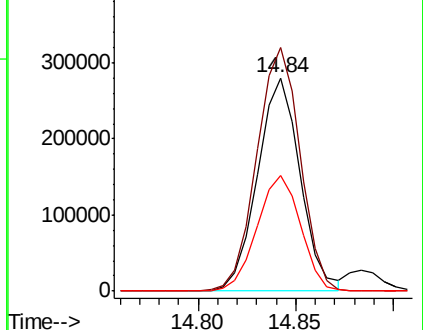
152 54.3 44.1 66.1

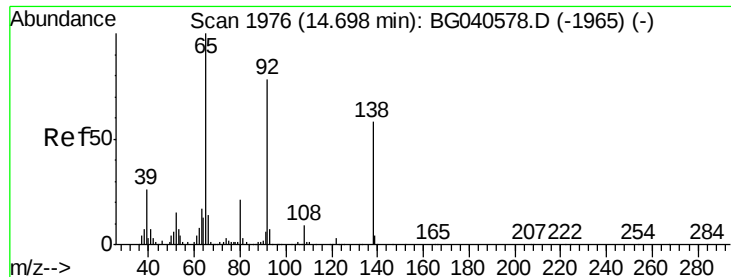


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

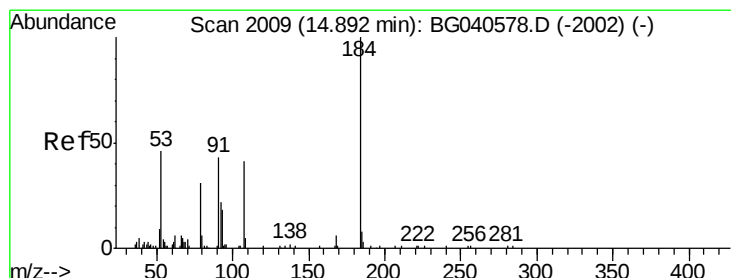
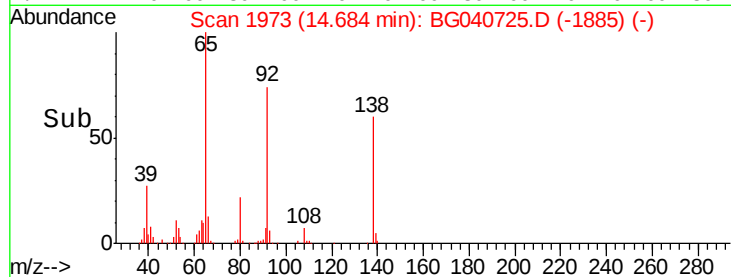
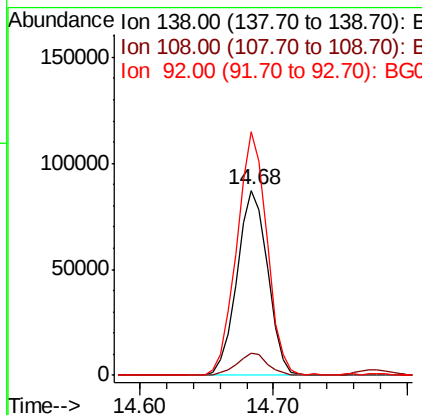
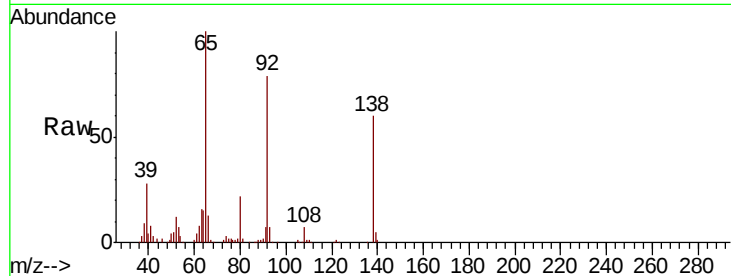




#53
 3-Nitroaniline
 Concen: 47.209 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

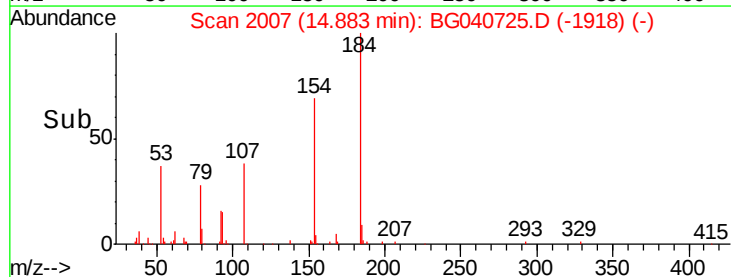
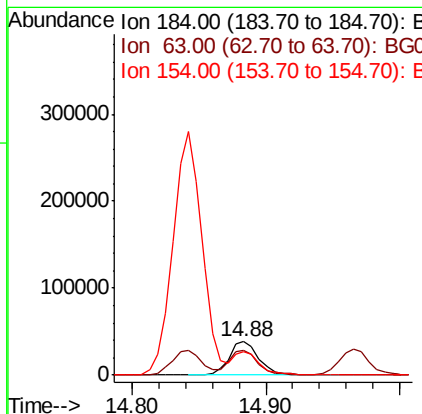
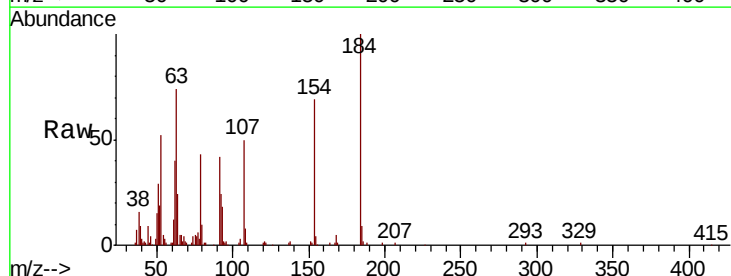
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

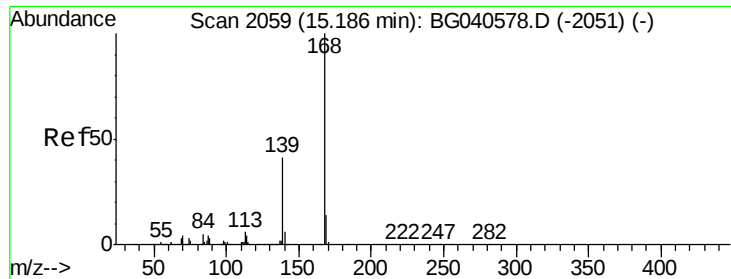
Tot Ion:138 Resp: 137837
 Ion Ratio Lower Upper
 138 100
 108 12.1 12.4 18.6#
 92 131.4 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 41.646 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Tgt Ion:184 Resp: 61006
 Ion Ratio Lower Upper
 184 100
 63 74.0 51.8 77.6
 154 68.9 43.6 65.4#





#55

Dibenzofuran

Concen: 42.838 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

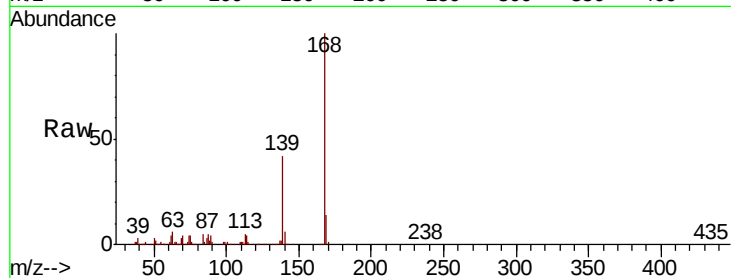
Tot Ion:168 Resp: 735077

Ion Ratio Lower Upper

168 100

139 41.5 33.0 49.4

169 13.9 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.17

400000

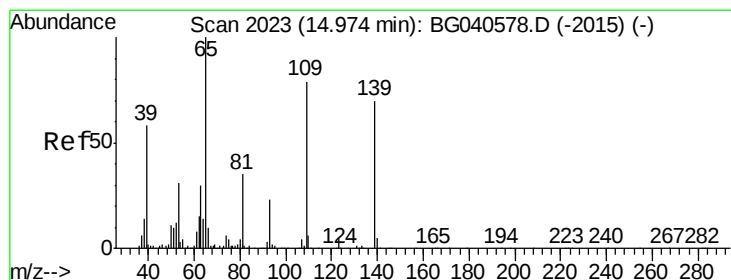
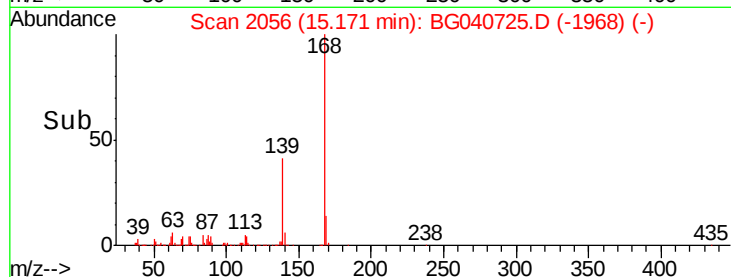
300000

200000

100000

0

Time-->



#56

4-Nitrophenol

Concen: 43.690 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

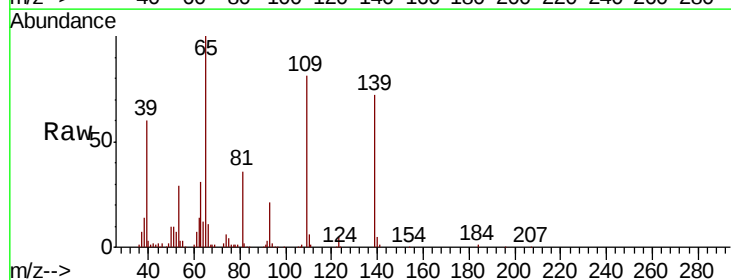
Tgt Ion:139 Resp: 110611

Ion Ratio Lower Upper

139 100

109 112.3 93.8 133.8

65 139.3 122.7 162.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

14.97

120000

100000

80000

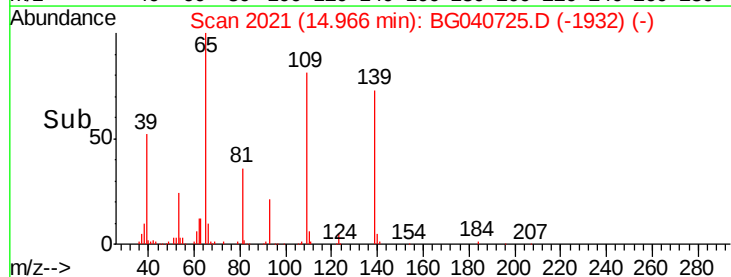
60000

40000

20000

0

Time-->

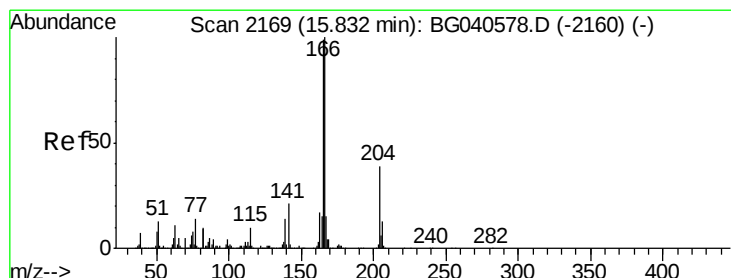
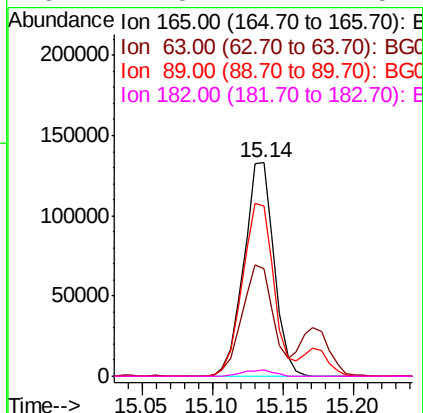
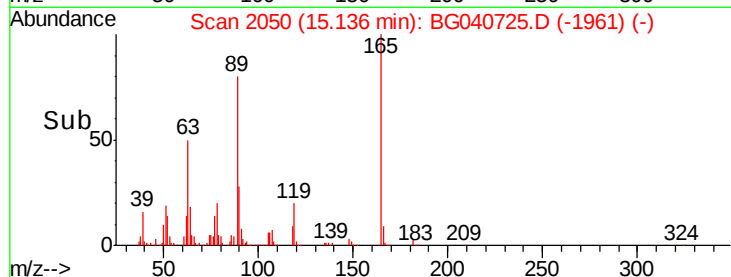
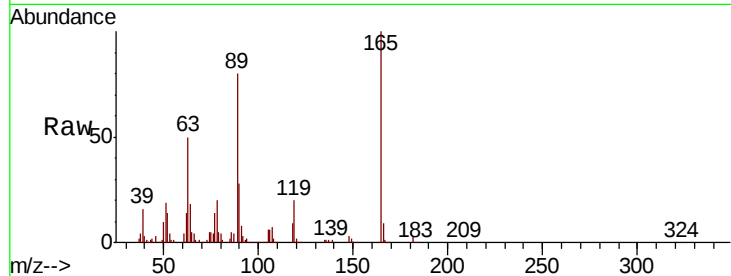




#57
2,4-Dinitrotoluene
Concen: 51.599 ng
RT: 15.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

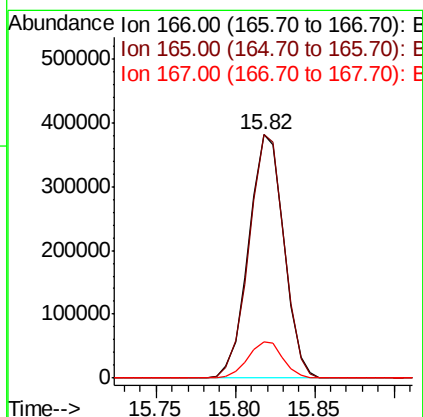
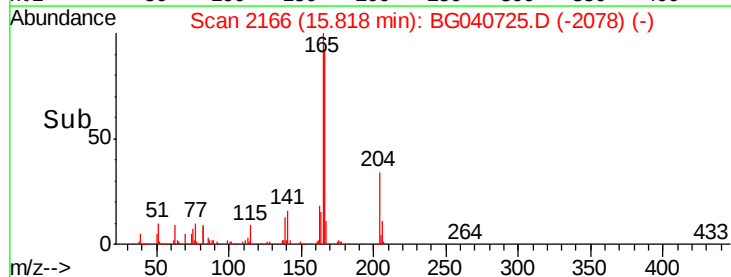
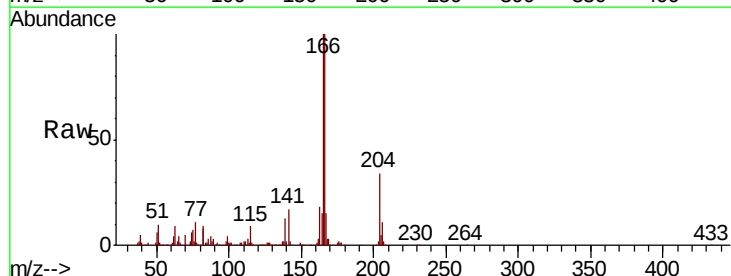
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

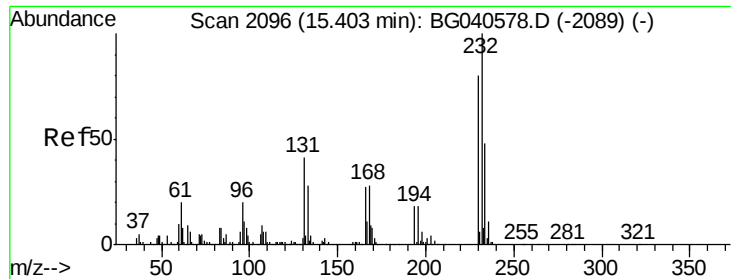
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.1	45.8	68.8
89	79.7	69.4	104.2
182	2.8	2.2	3.4



#58
Fluorene
Concen: 42.438 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.6	119.4
167	14.9	12.2	18.2

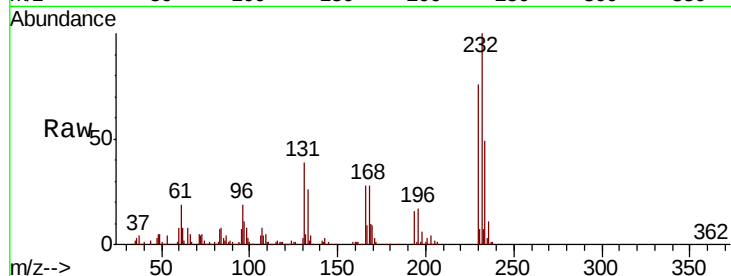




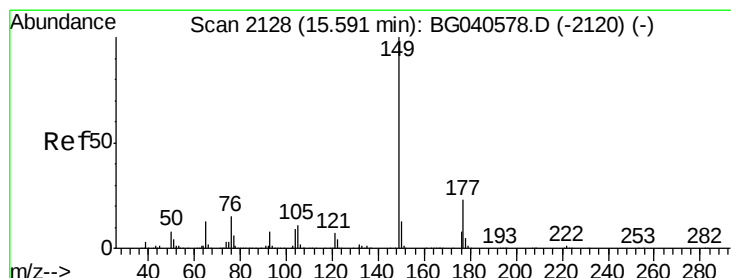
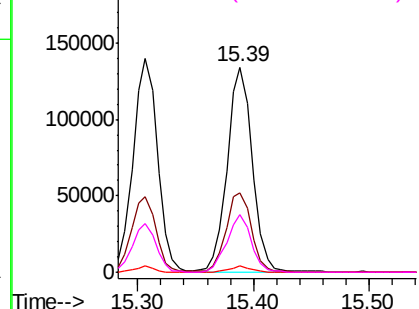
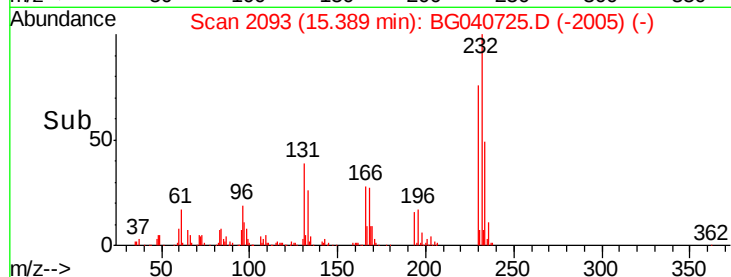
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.611 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	200768
Ion Ratio	Lower	Upper
232	100	
131	39.6	33.0 49.4
130	2.6	2.0 3.0
166	27.5	22.1 33.1

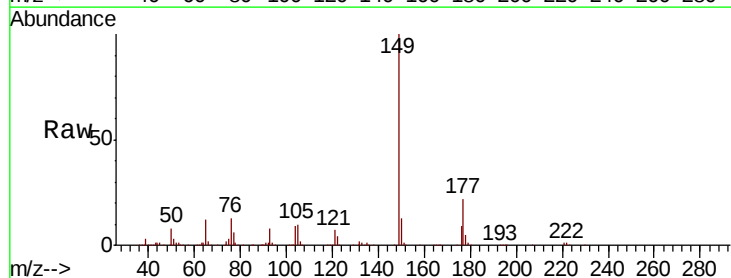


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

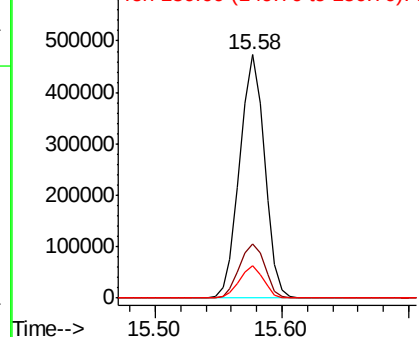
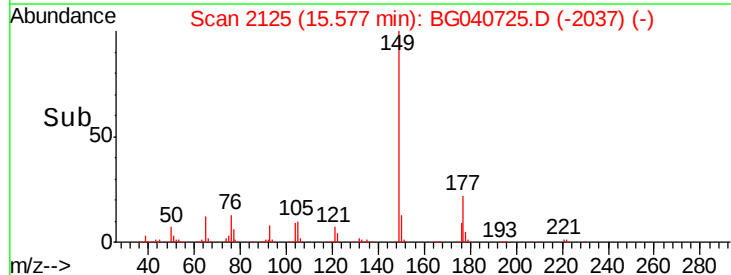


#60
 Diethylphthalate
 Concen: 41.717 ng
 RT: 15.58 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG040725.D
 Acq: 3 May 2019 15:20

Tgt Ion:149	Resp:	642640
Ion Ratio	Lower	Upper
149	100	
177	22.4	18.5 27.7
150	13.1	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

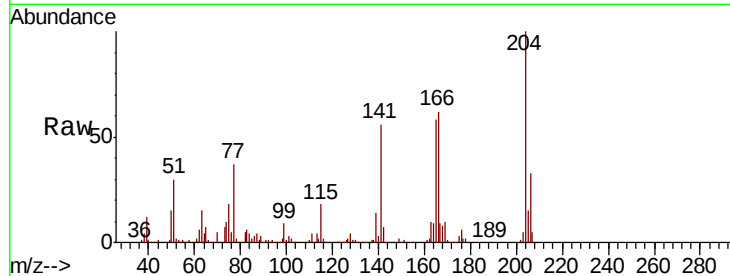




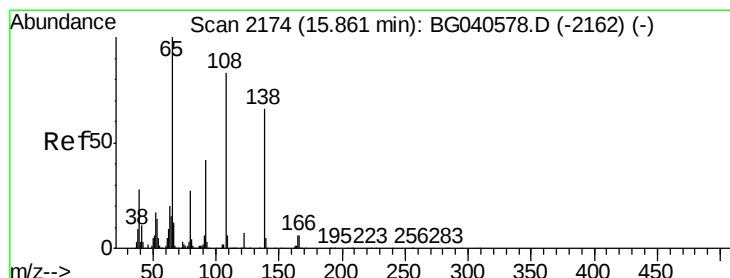
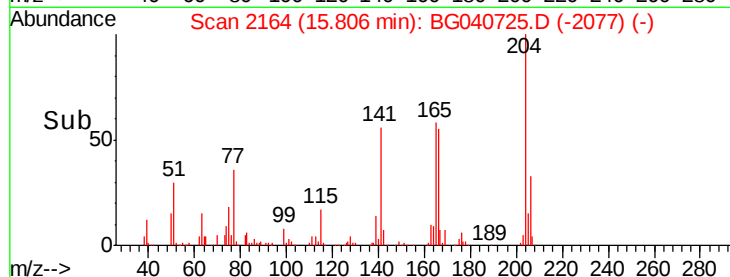
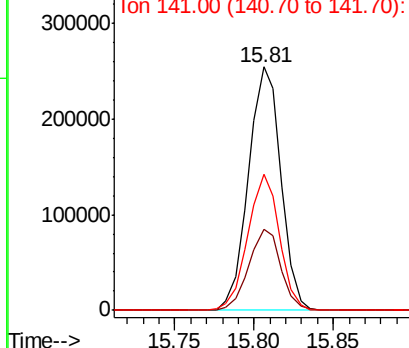
#61
4-Chlorophenyl-phenylether
Concen: 44.876 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 361989
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.2
141 56.2 46.0 69.0

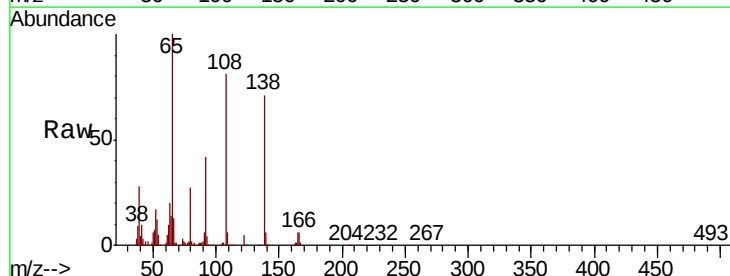


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

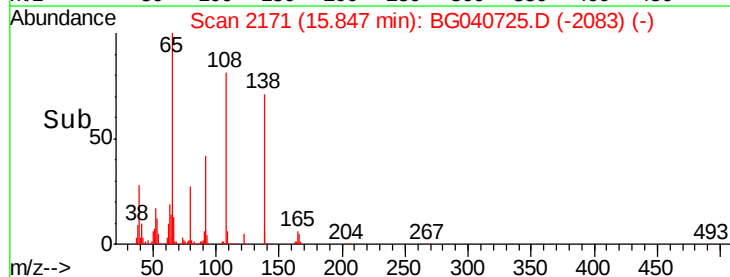
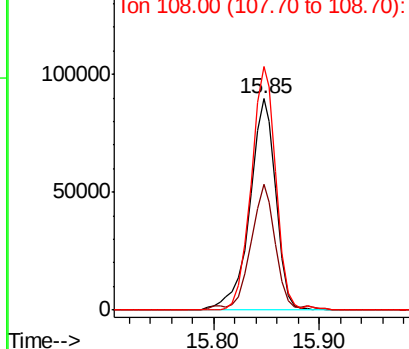


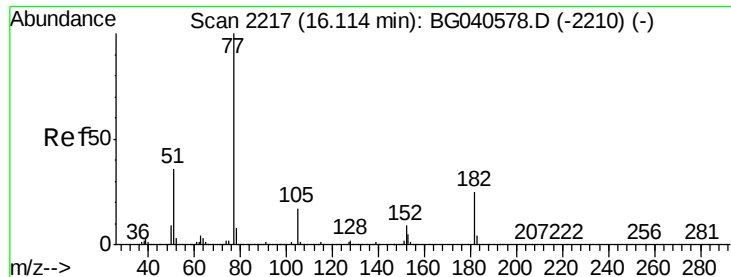
#62
4-Nitroaniline
Concen: 47.426 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion:138 Resp: 154895
Ion Ratio Lower Upper
138 100
92 59.4 43.9 83.9
108 115.2 106.5 146.5



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: 40.077 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 635810

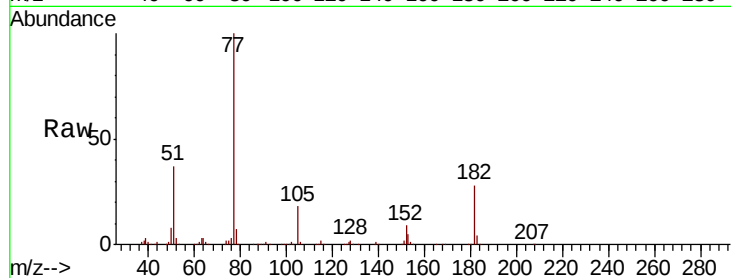
Ion Ratio Lower Upper

77 100

182 27.6 5.0 45.0

105 18.4 0.0 37.6

51 37.1 16.3 56.3

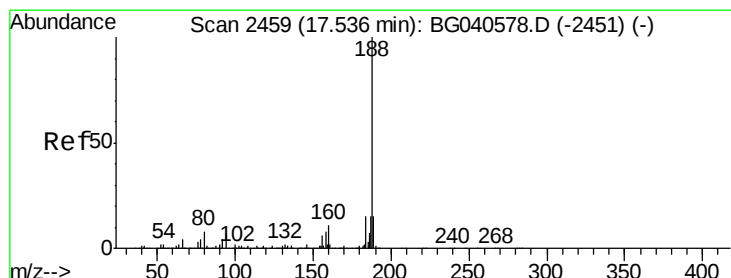
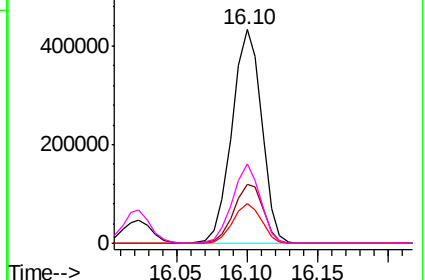
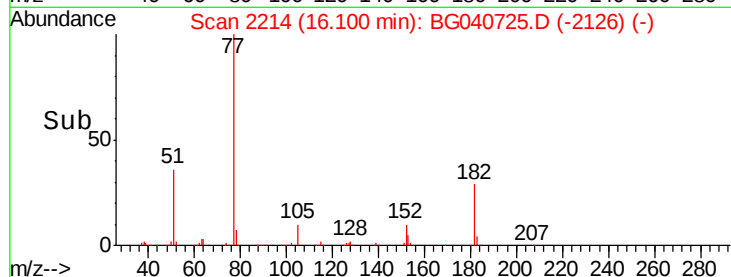


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2455

Delta R.T. -0.02 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

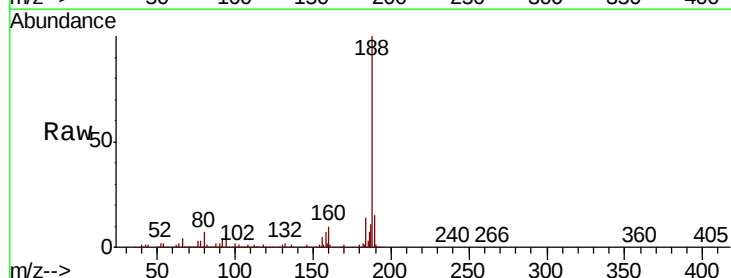
Tgt Ion: 188 Resp: 453278

Ion Ratio Lower Upper

188 100

94 5.6 5.6 8.4

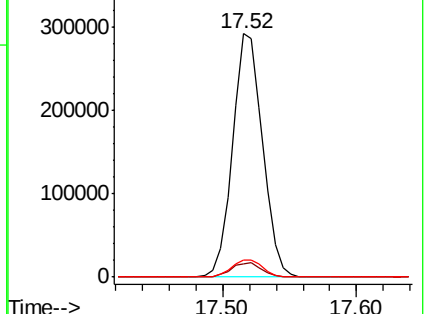
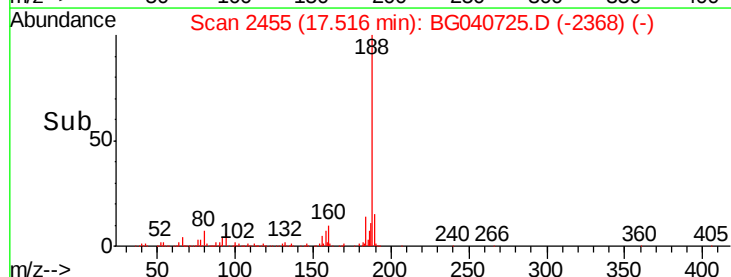
80 7.3 6.4 9.6



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: 47.648 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

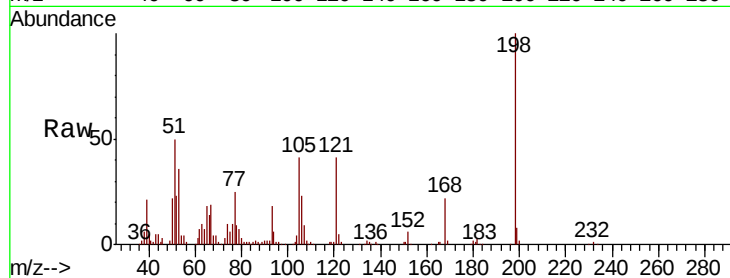
Tot Ion:198 Resp: 106281

Ion	Ratio	Lower	Upper
198	100		
51	49.6	35.9	75.9
105	41.2	21.2	61.2

198 100

51 49.6 35.9 75.9

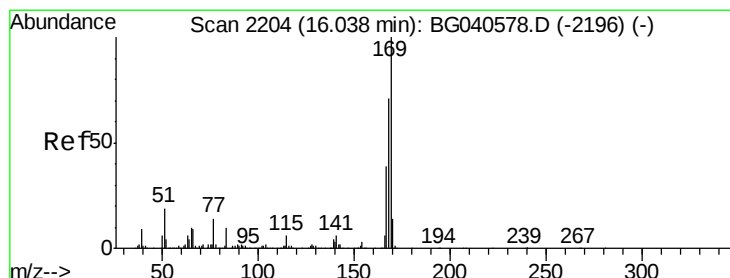
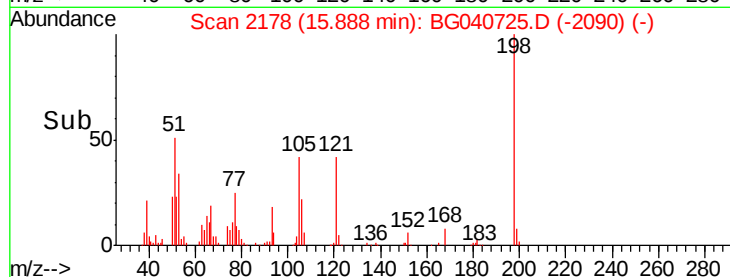
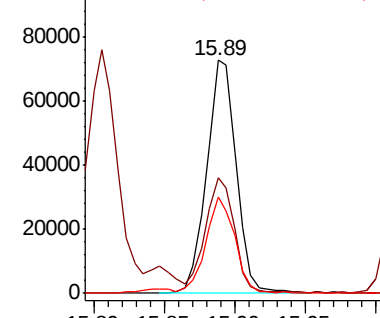
105 41.2 21.2 61.2



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: 39.285 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

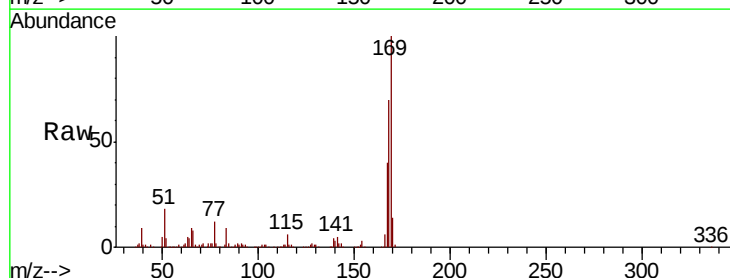
Tgt Ion:169 Resp: 523900

Ion	Ratio	Lower	Upper
169	100		
168	70.0	56.8	85.2
167	40.2	31.4	47.0

169 100

168 70.0 56.8 85.2

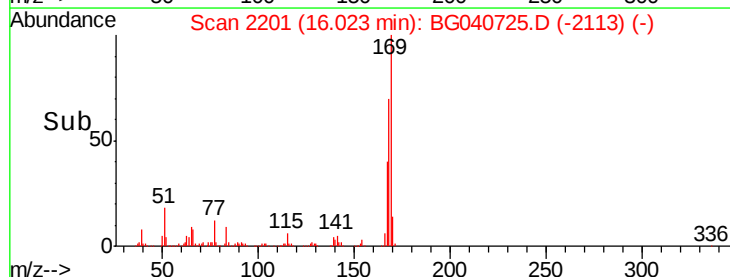
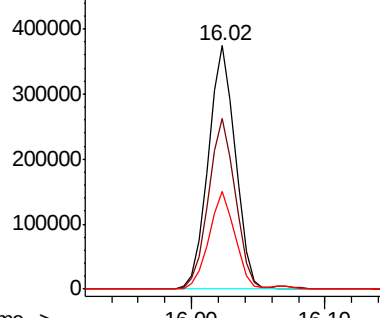
167 40.2 31.4 47.0

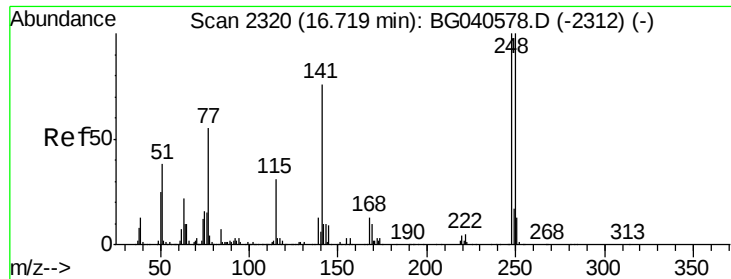


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

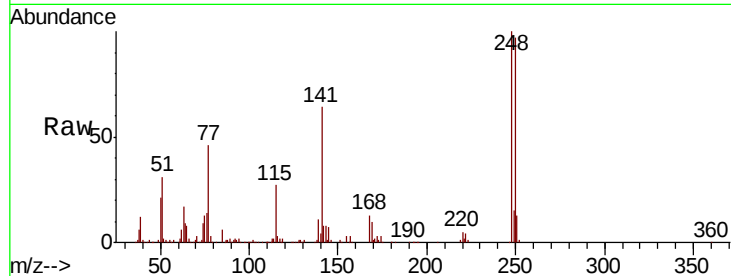




#67
4-Bromophenyl-phenylether
Concen: 41.991 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.8	119.6
141	64.2	60.8	91.2

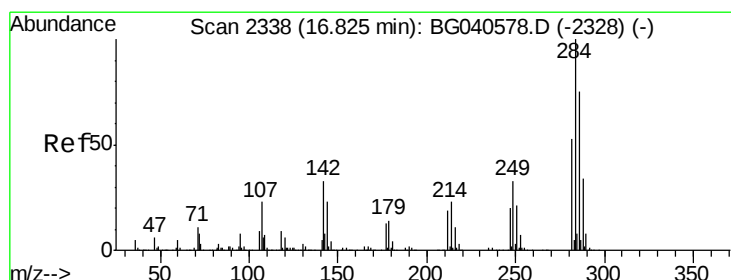
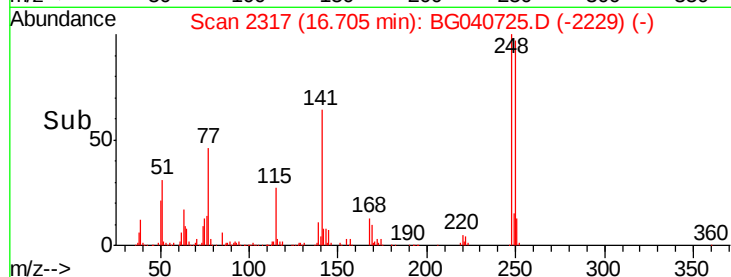
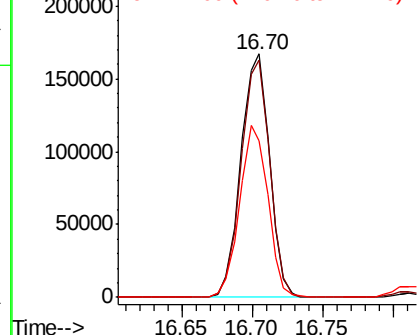


Abundance

Ion 248.00 (247.70 to 248.70): E

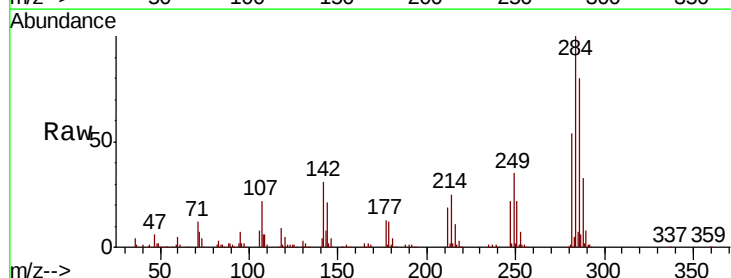
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.506 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	26.6	40.0
249	34.8	26.0	39.0

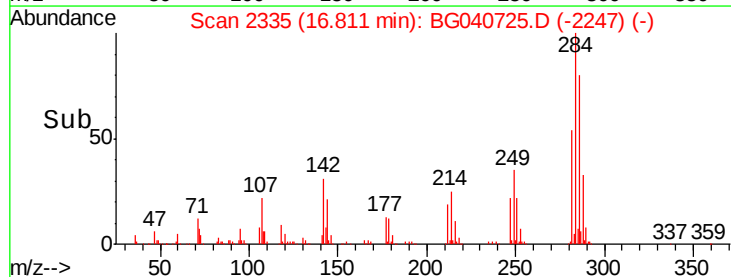
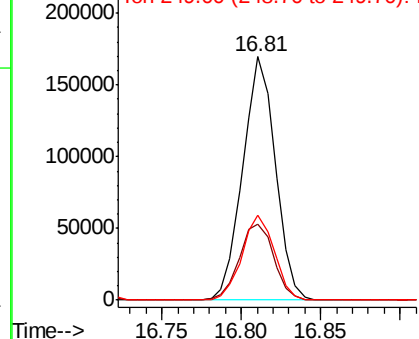


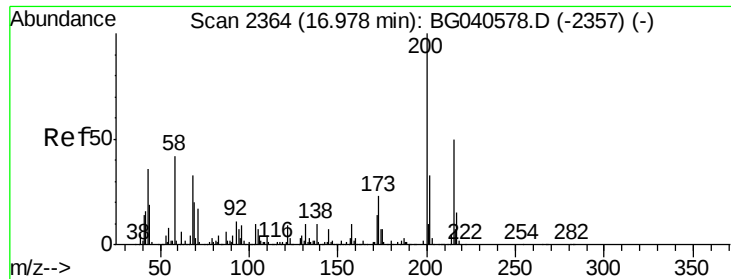
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.183 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

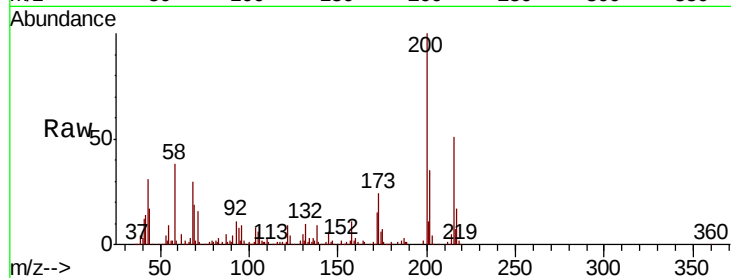
Tot Ion:200 Resp: 201748

Ion Ratio Lower Upper

200 100

173 24.1 2.8 42.8

215 50.8 30.2 70.2

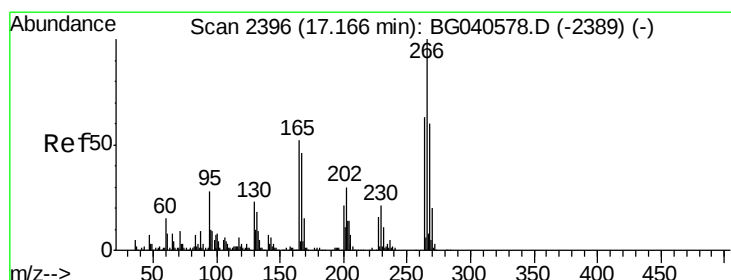
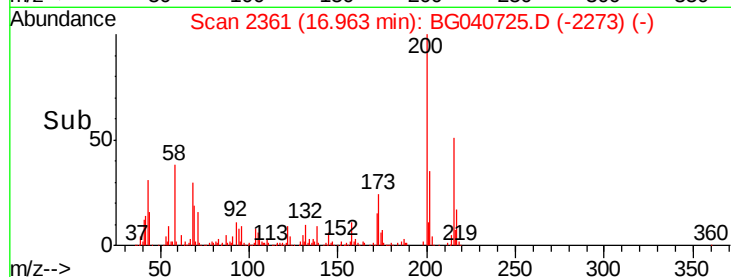
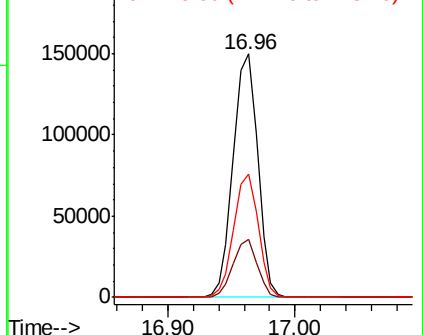


Abundance

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: 45.075 ng

RT: 17.16 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

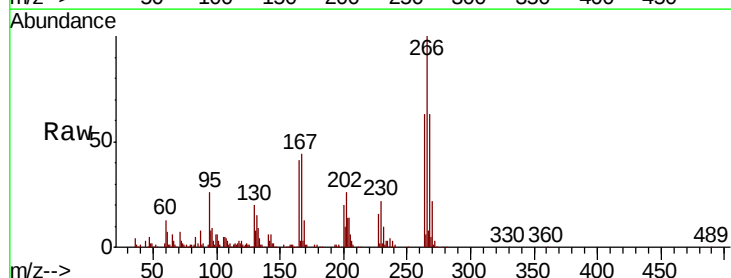
Tgt Ion:266 Resp: 154017

Ion Ratio Lower Upper

266 100

268 63.2 52.3 78.5

264 62.9 50.0 75.0

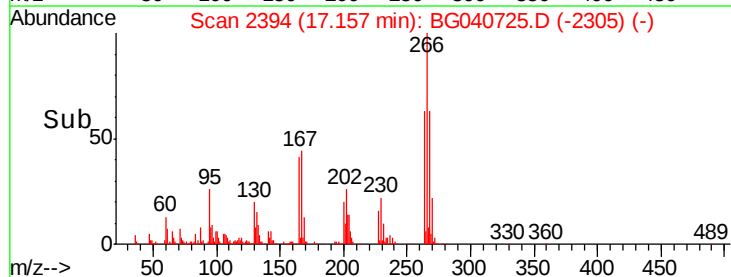
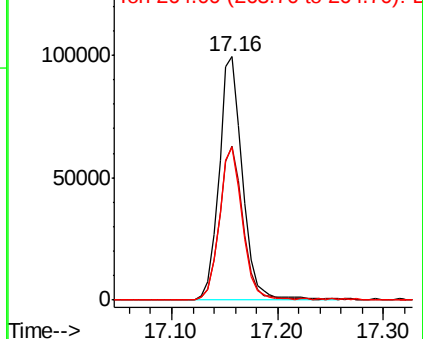


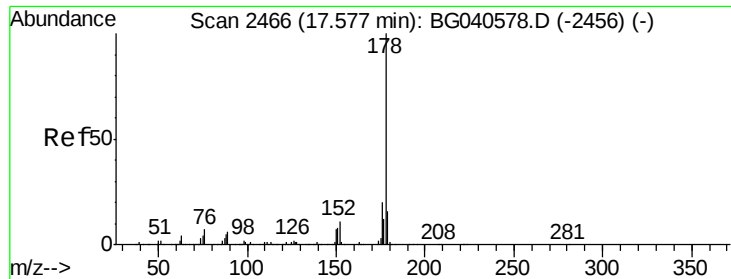
Abundance

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

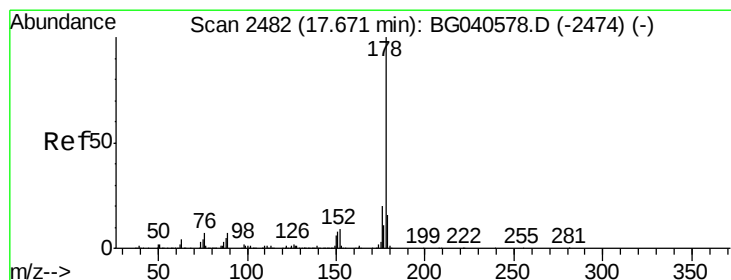
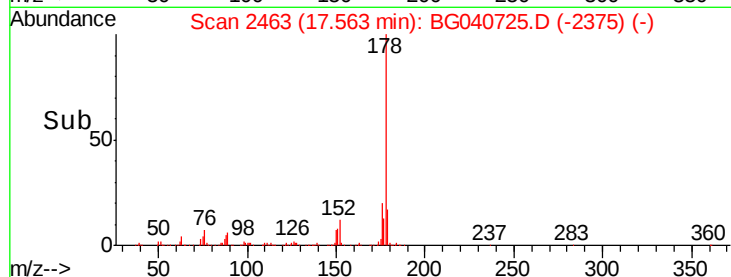
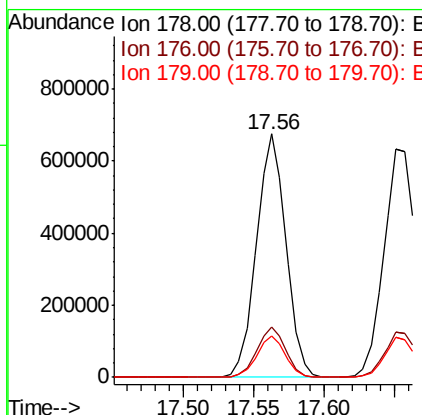
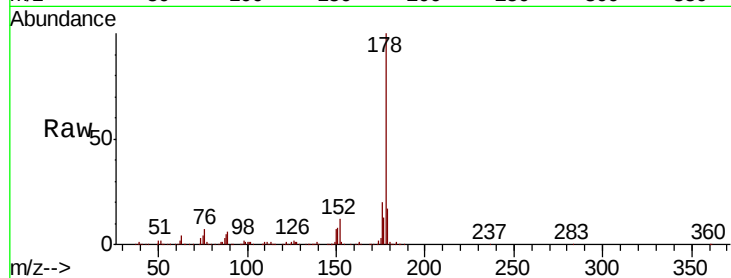




#71
Phenanthrene
Concen: 40.607 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

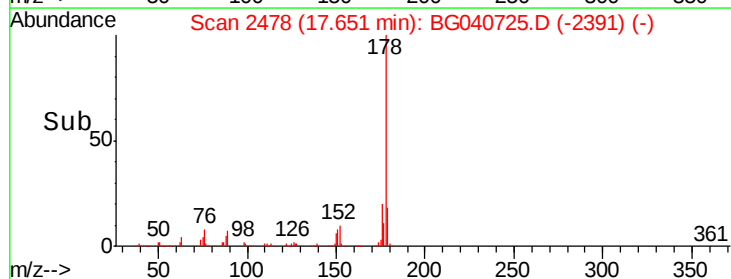
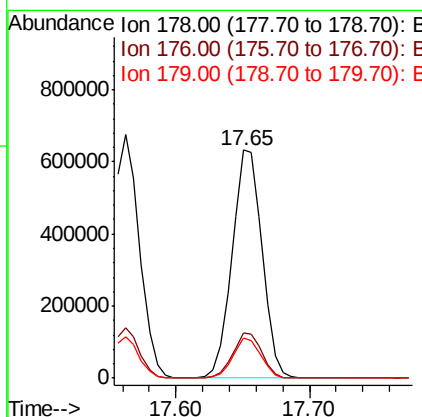
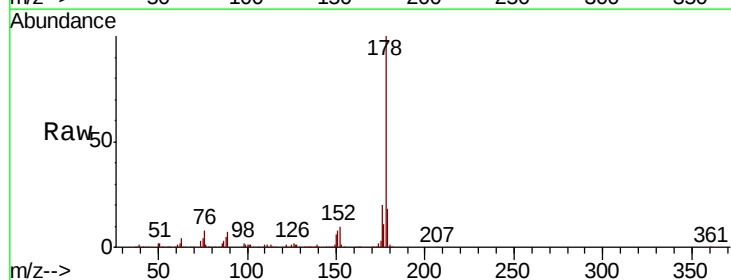
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

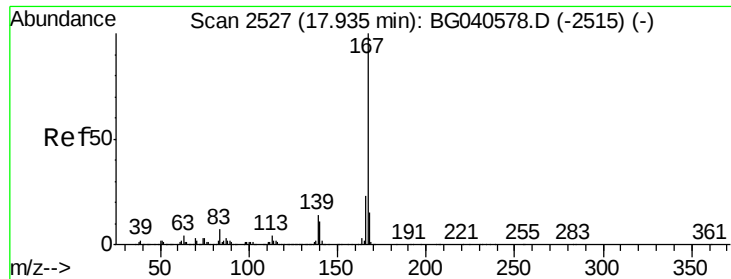
Tot Ion:178 Resp: 991416
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.8 12.6 18.8



#72
Anthracene
Concen: 40.133 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion:178 Resp: 984890
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 17.5 12.9 19.3





#73

Carbazole

Concen: 39.841 ng

RT: 17.92 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

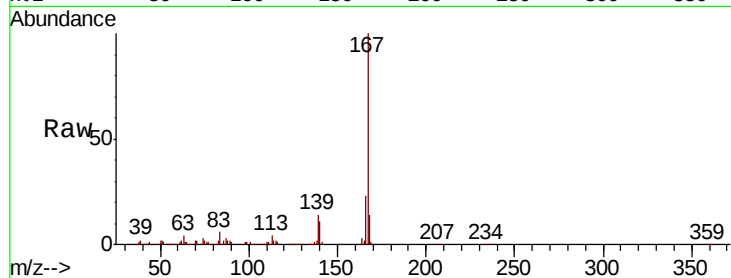
Tot Ion:167 Resp: 890781

Ion Ratio Lower Upper

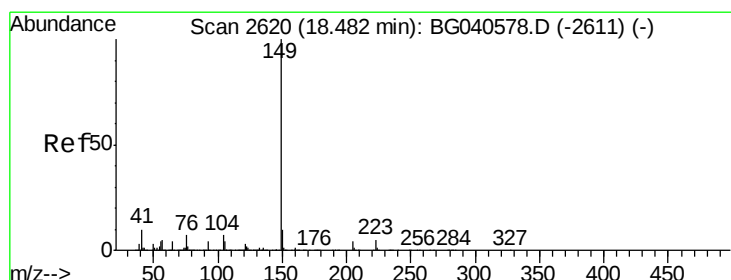
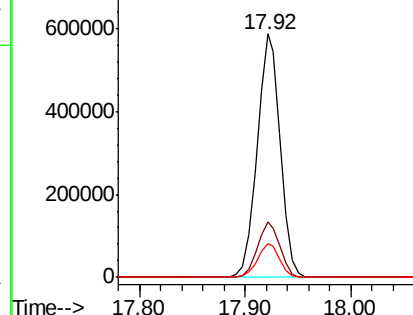
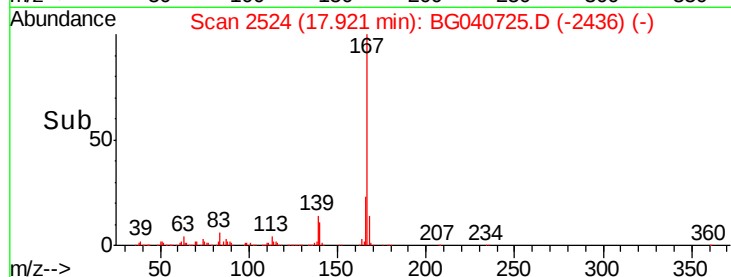
167 100

166 22.5 18.2 27.4

139 14.0 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E
800000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.461 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

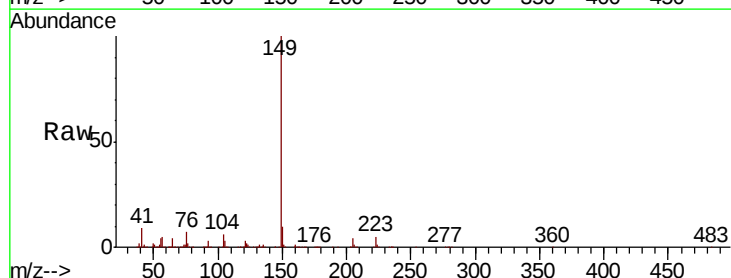
Tgt Ion:149 Resp: 1064919

Ion Ratio Lower Upper

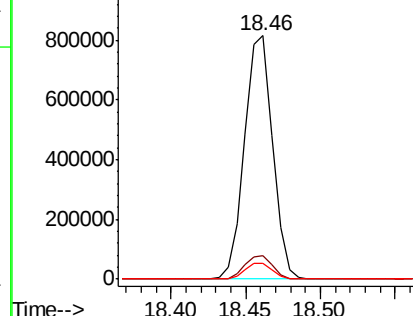
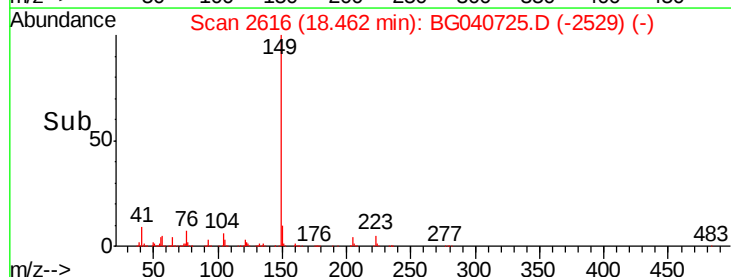
149 100

150 9.6 8.2 12.2

104 6.4 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.303 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

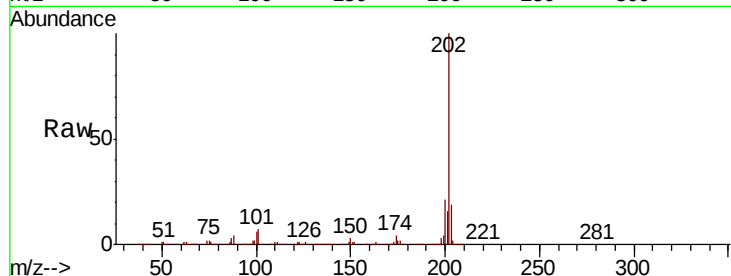
Tot Ion:202 Resp: 1256643

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.5
203	19.3	0.0	39.3

202 100

101 6.9 0.0 27.5

203 19.3 0.0 39.3

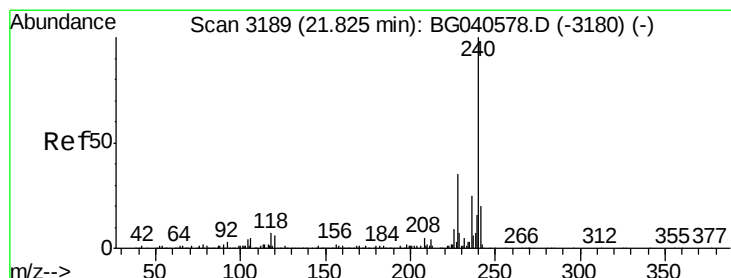
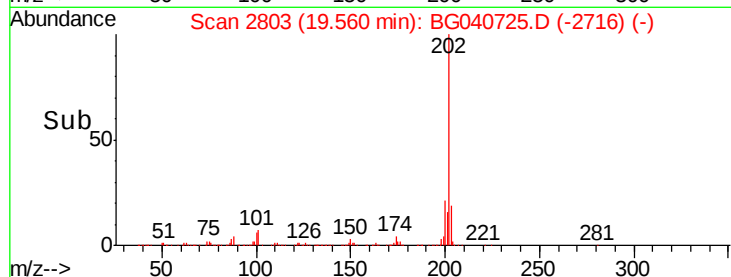
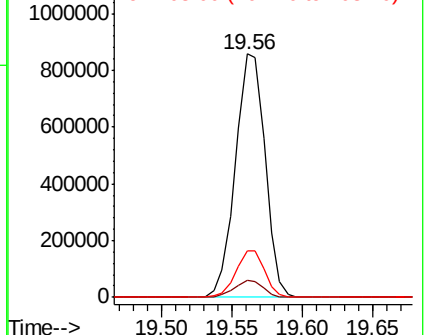


Abundance

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: BG040725.D

Acq: 3 May 2019 15:20

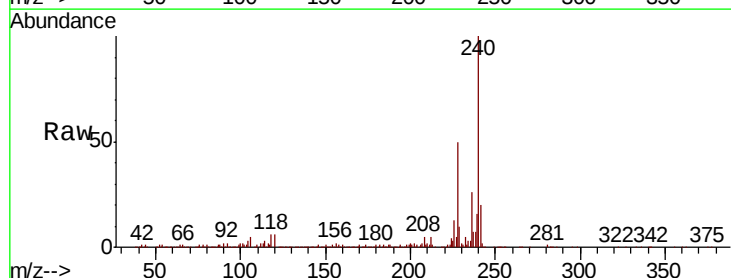
Tgt Ion:240 Resp: 488156

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.6
236	26.0	20.3	30.5

240 100

120 5.9 5.0 7.6

236 26.0 20.3 30.5

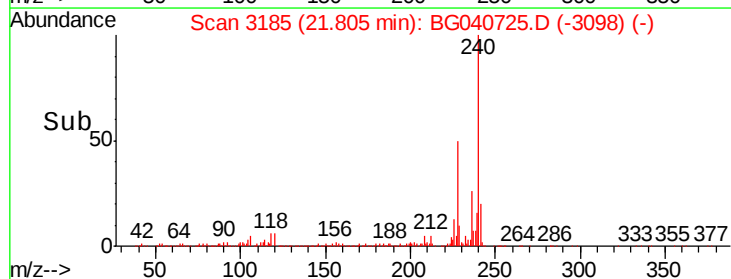
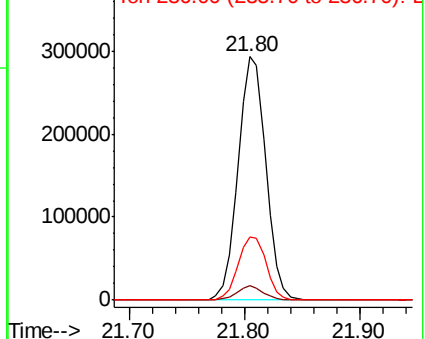


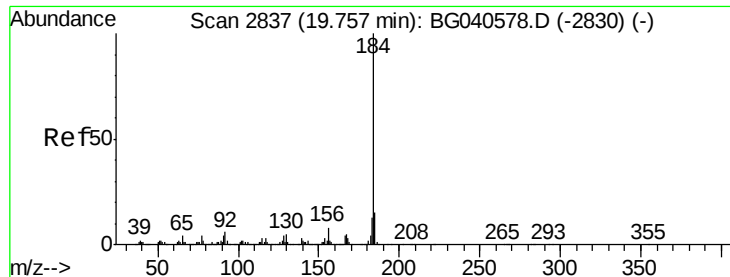
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.970 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

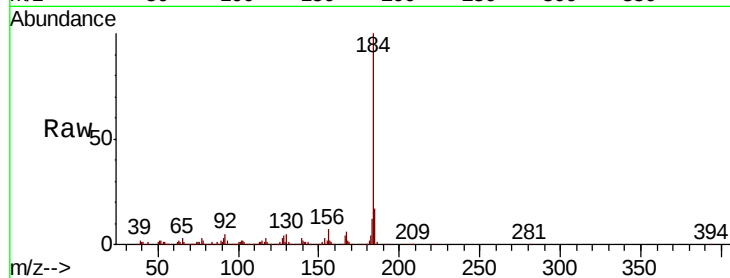
Tot Ion:184 Resp: 467407

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.8

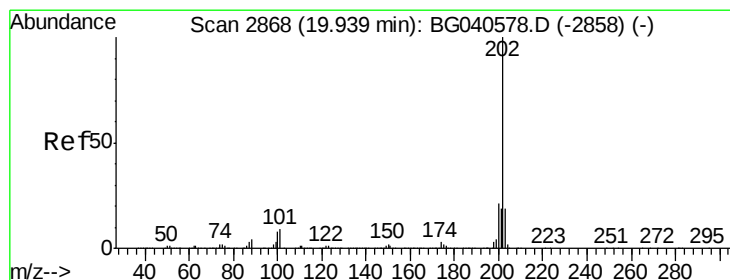
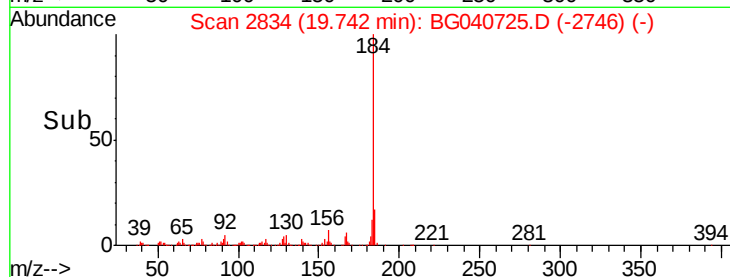
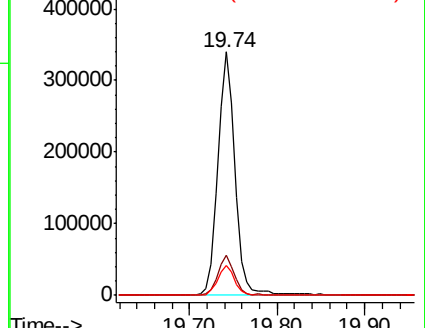
183 12.2 10.2 15.2



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: 41.254 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

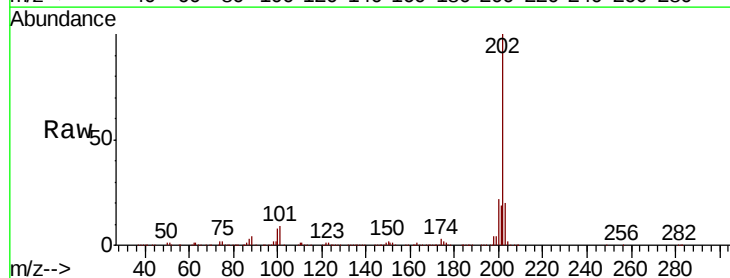
Tgt Ion:202 Resp: 1262195

Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

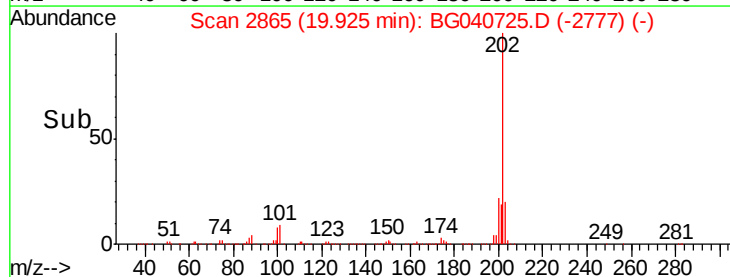
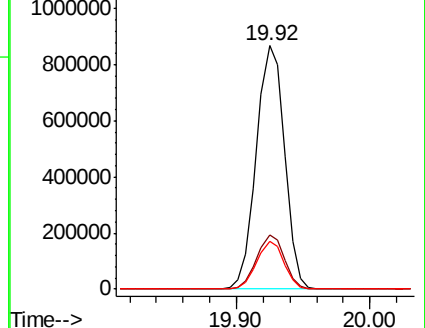
203 19.6 15.0 22.4

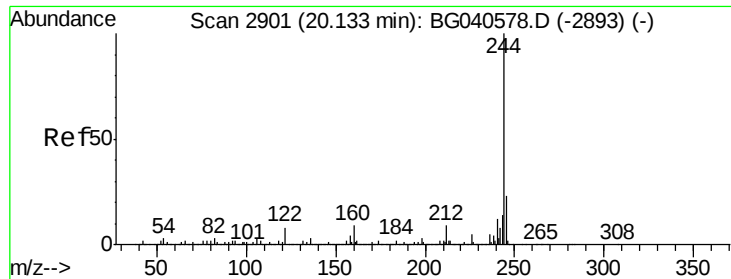


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.178 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

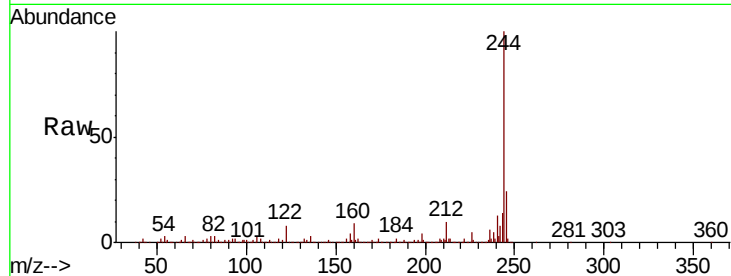
Tot Ion:244 Resp: 1788706

Ion Ratio Lower Upper

244 100

212 10.1 7.2 10.8

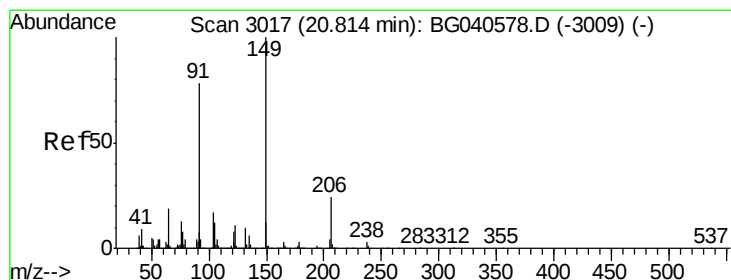
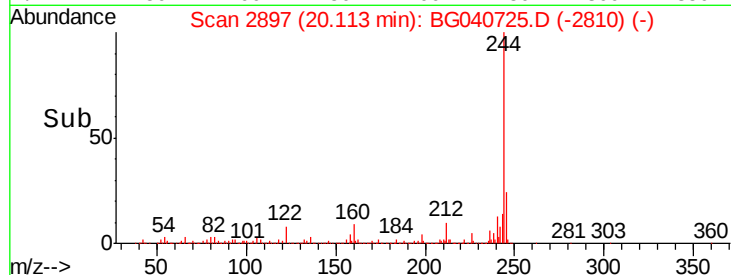
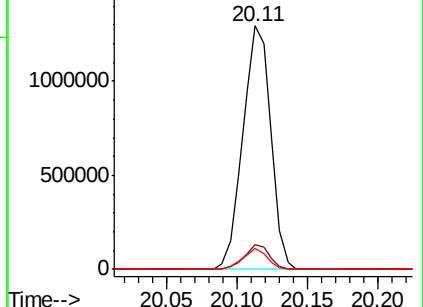
122 8.4 6.6 10.0



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: 40.964 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

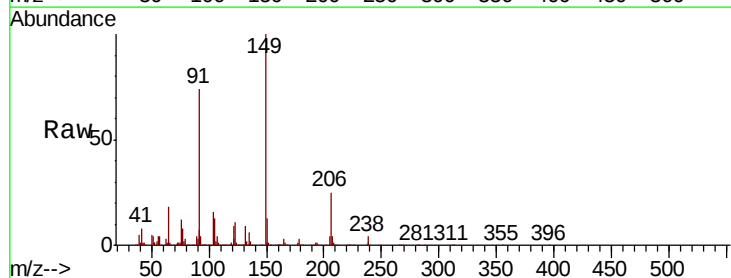
Tgt Ion:149 Resp: 488486

Ion Ratio Lower Upper

149 100

91 73.8 62.6 93.8

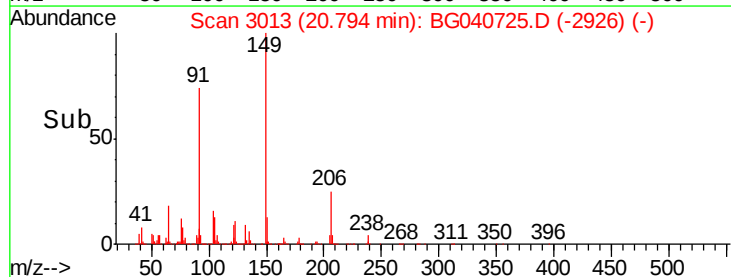
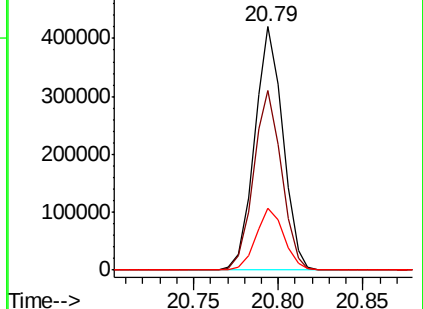
206 25.4 19.4 29.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.946 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

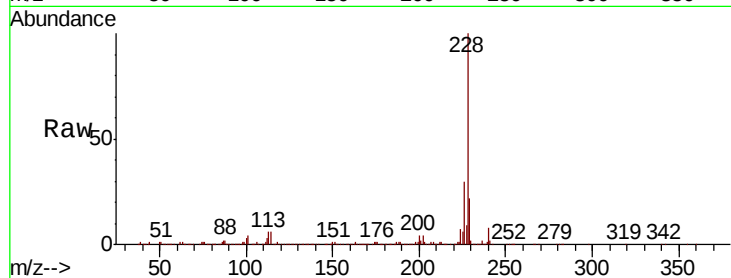
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1263244

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.1	34.7
229	21.7	17.0	25.4

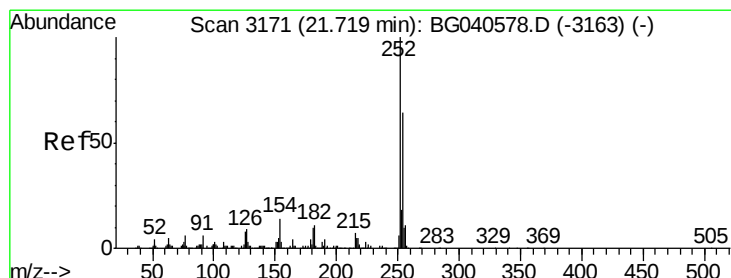
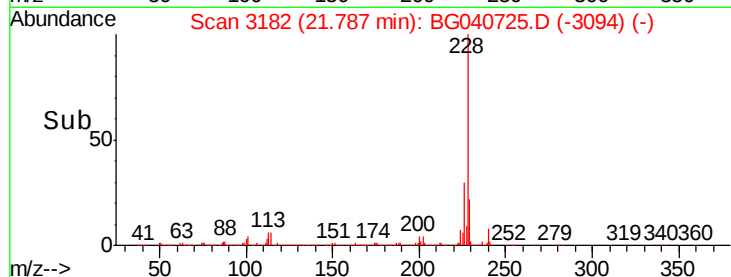
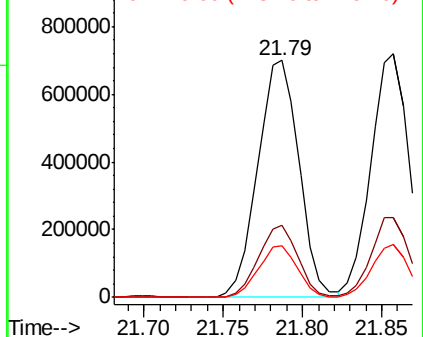


Abundance

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: 41.486 ng

RT: 21.70 min Scan# 3167

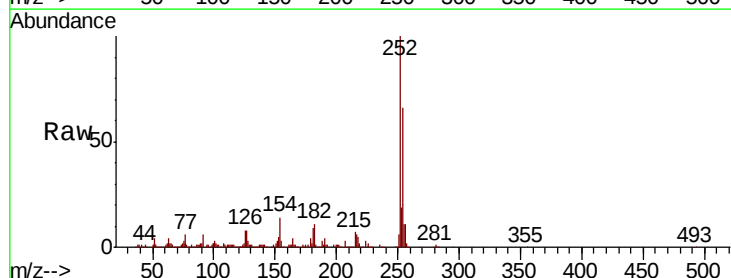
Delta R.T. -0.02 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Tgt Ion:252 Resp: 456200

Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.2	76.8
126	8.1	6.6	10.0

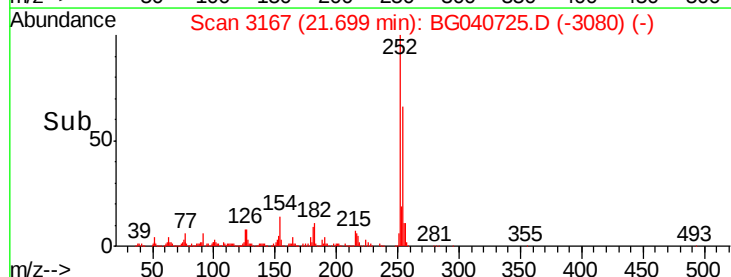
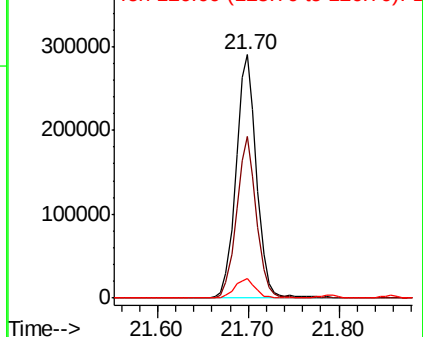


Abundance

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: 40.975 ng

RT: 21.86 min Scan# 3194

Delta R.T. -0.01 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

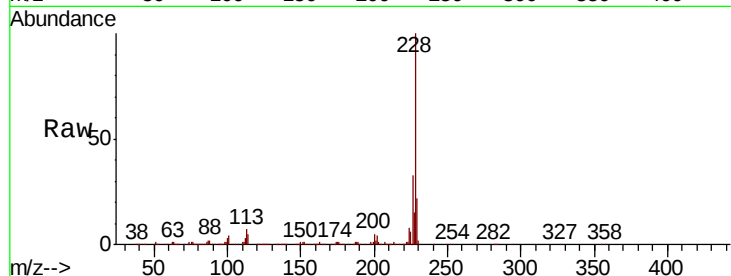
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1202257

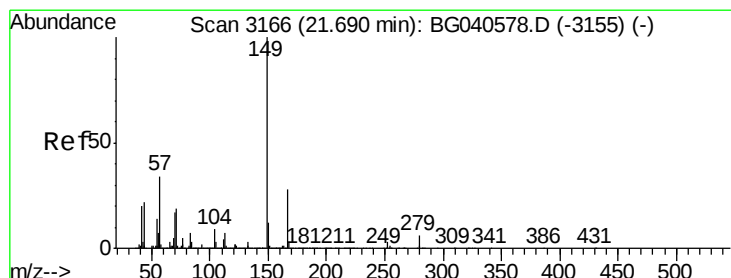
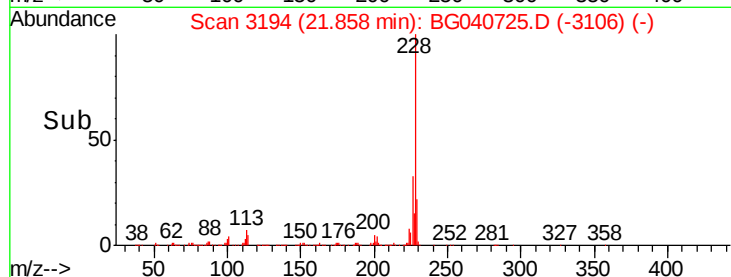
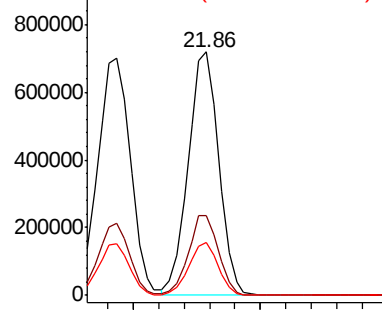
Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.5	38.3
229	21.8	16.8	25.2



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: 39.063 ng

RT: 21.66 min Scan# 3160

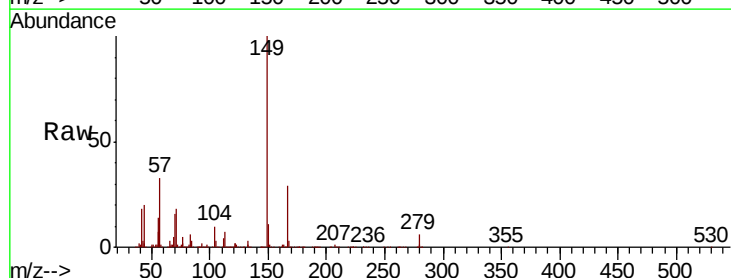
Delta R.T. -0.03 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Tgt Ion:149 Resp: 672405

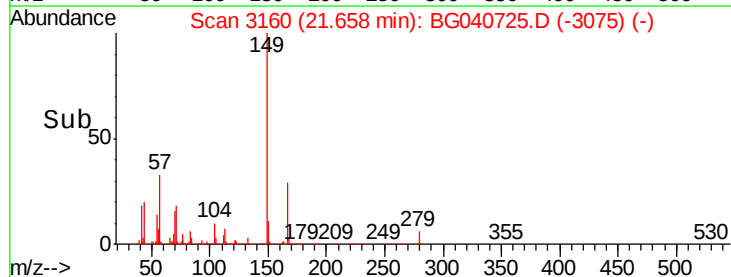
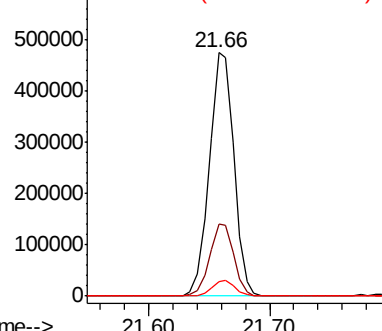
Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.4	33.6
279	6.0	4.6	6.8

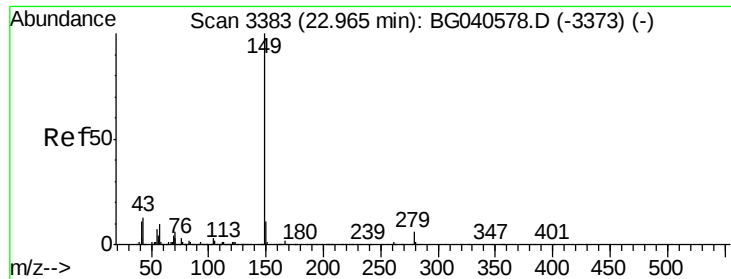


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.841 ng

RT: 22.92 min Scan# 3374

Delta R.T. -0.05 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

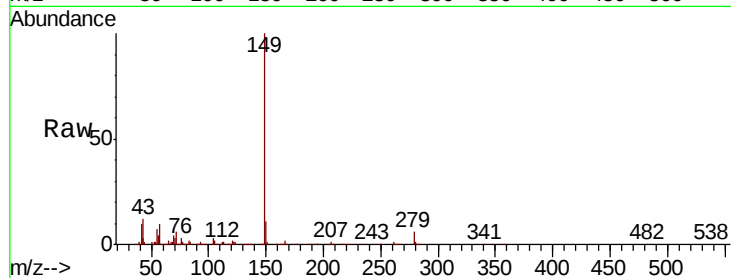
Tot Ion:149 Resp: 1125981

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

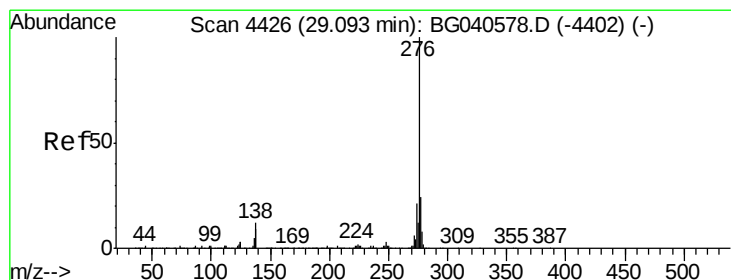
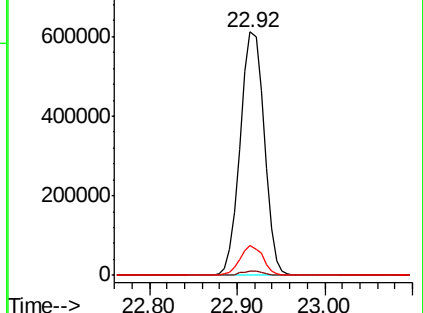
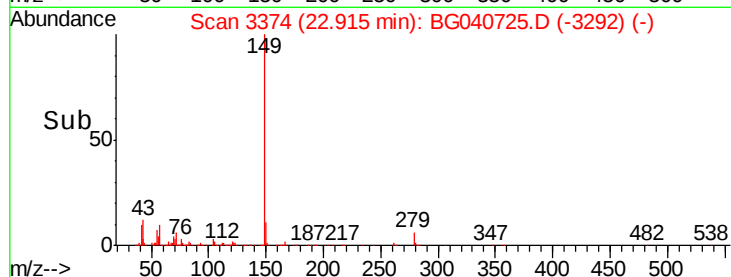
43 11.8 10.2 15.2



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: 38.652 ng

RT: 29.03 min Scan# 4414

Delta R.T. -0.07 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

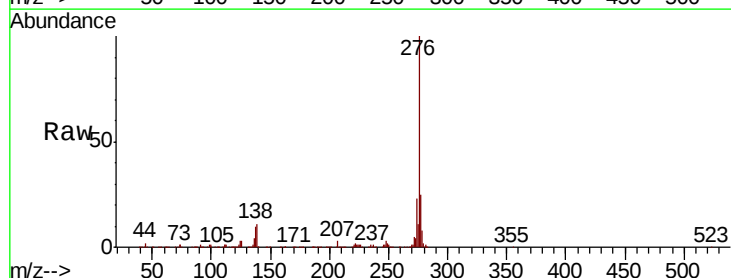
Tgt Ion:276 Resp: 1371167

Ion Ratio Lower Upper

276 100

138 4.3 9.8 14.6#

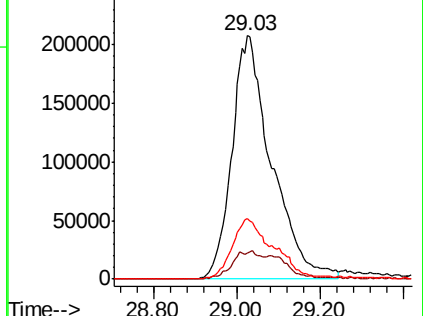
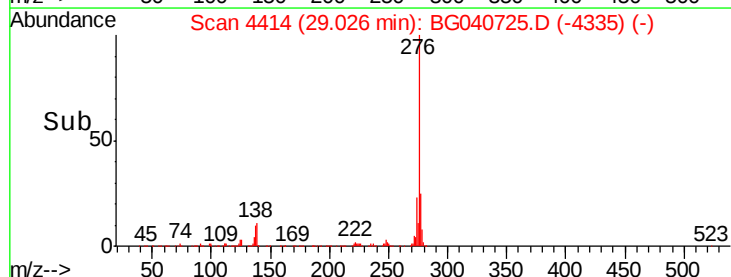
277 26.1 17.3 25.9#

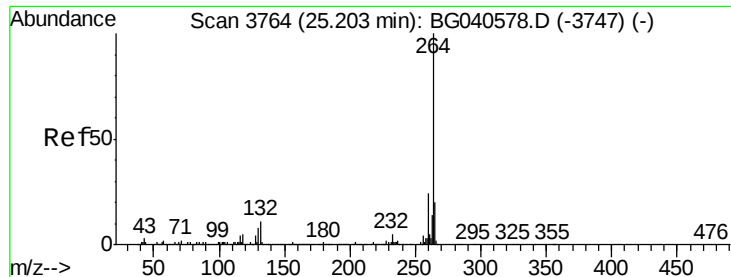


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.17 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

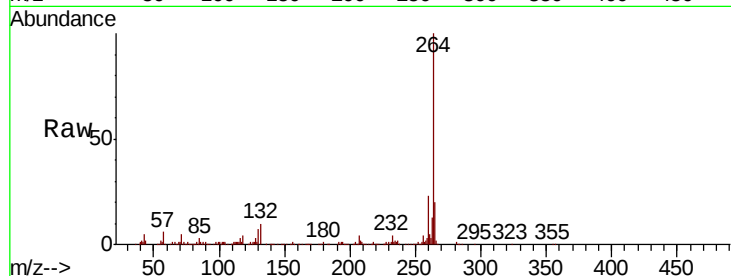
Tot Ion:264 Resp: 487643

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

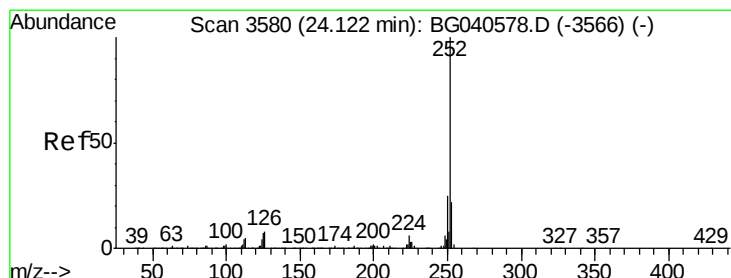
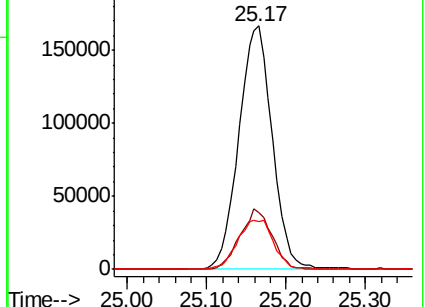
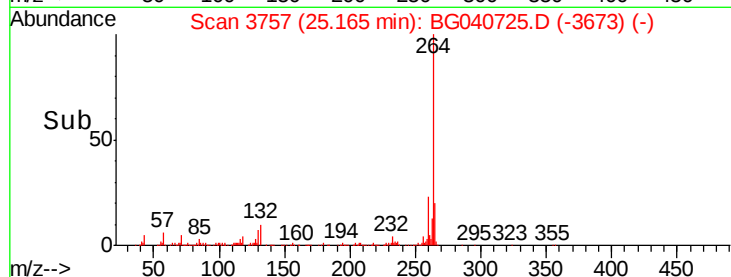
265 19.9 16.6 25.0



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: 42.300 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.03 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

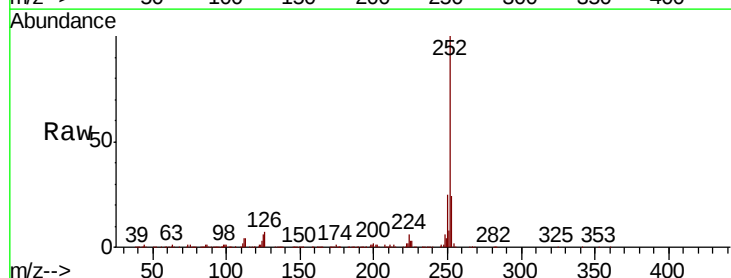
Tgt Ion:252 Resp: 1260494

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

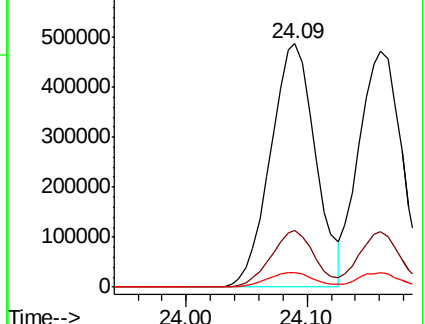
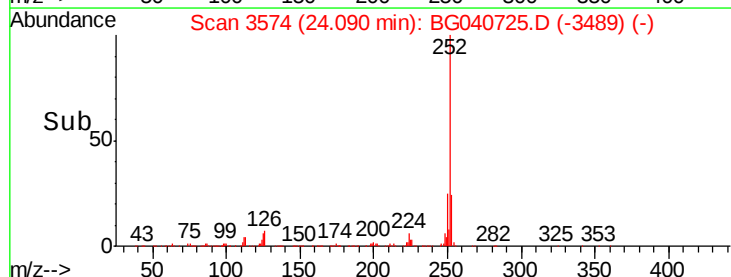
125 6.0 5.4 8.0



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

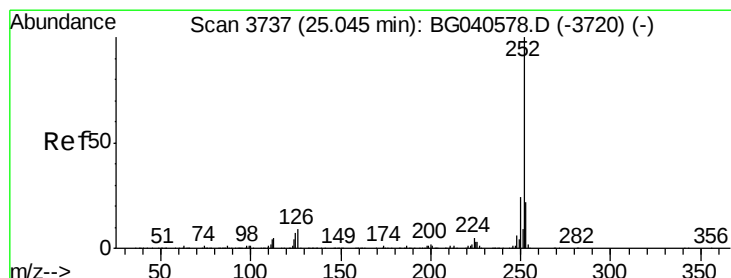
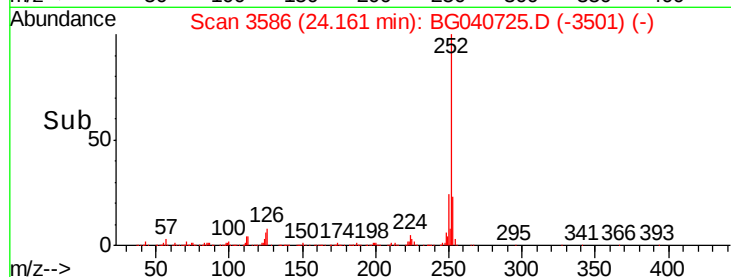
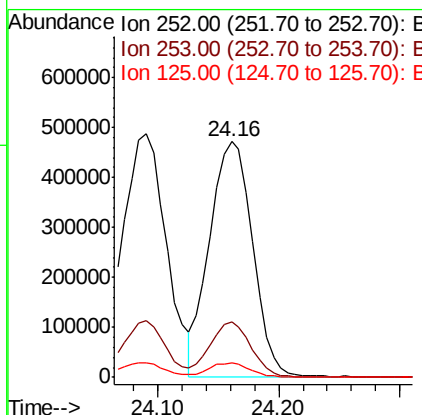
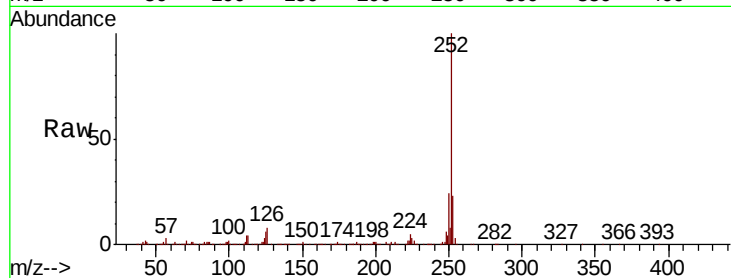




#89
Benzo(k)fluoranthene
Concen: 41.654 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.03 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

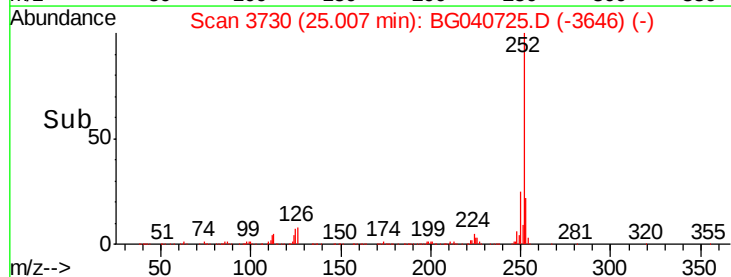
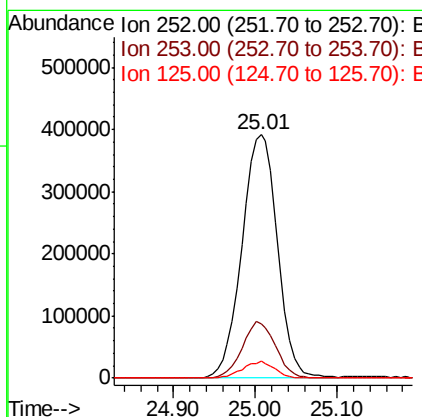
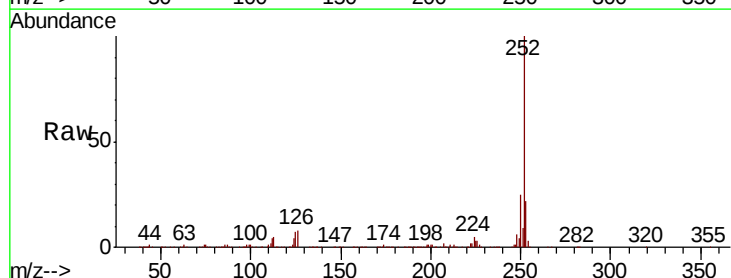
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1159199
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 6.1 5.5 8.3



#90
Benzo(a)pyrene
Concen: 41.841 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040725.D
Acq: 3 May 2019 15:20

Tgt Ion:252 Resp: 1180233
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 6.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 38.496 ng

RT: 29.10 min Scan# 4427

Delta R.T. -0.07 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

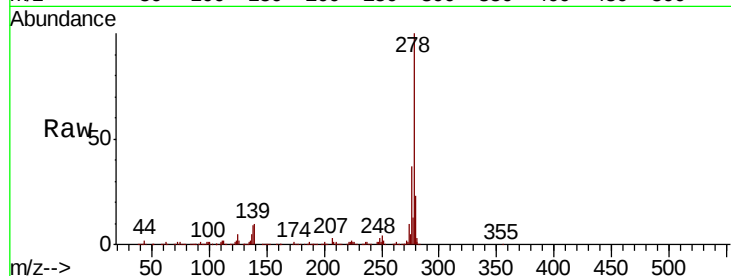
Tot Ion:278 Resp: 1098864

Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.2	12.4
279	23.3	18.5	27.7

278 100

139 10.4 8.2 12.4

279 23.3 18.5 27.7

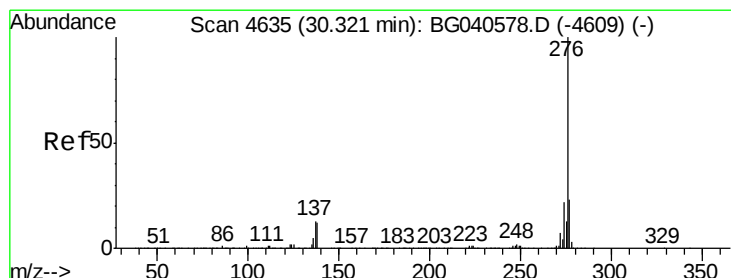
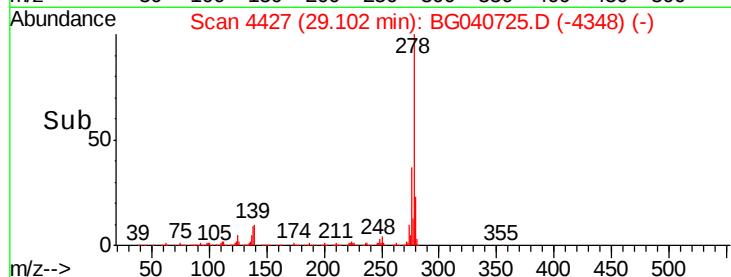
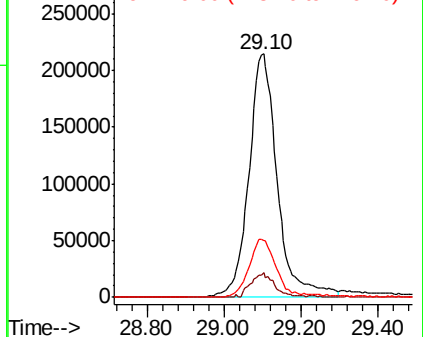


Abundance

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: 37.121 ng

RT: 30.25 min Scan# 4622

Delta R.T. -0.07 min

Lab File: BG040725.D

Acq: 3 May 2019 15:20

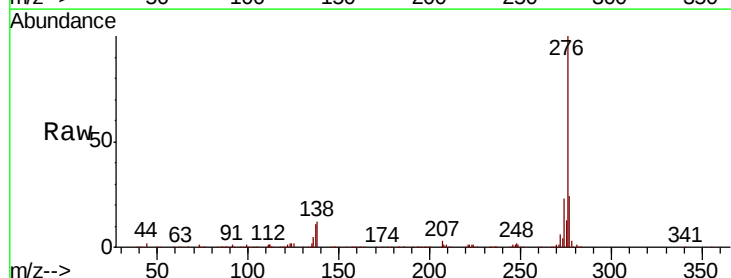
Tgt Ion:276 Resp: 1054566

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	11.6	9.8	14.6

276 100

277 24.4 18.4 27.6

138 11.6 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

