

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\
 Data File : BG041777.D
 Acq On : 27 Jul 2019 15:07
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Quant Time: Jul 29 05:52:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 05:48:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	93421	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	400787	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	286971	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	635798	20.00	ng	0.00
76) Chrysene-d12	21.74	240	611417	20.00	ng	0.00
87) Perylene-d12	25.01	264	720921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	385371	67.44	ng	0.00
7) Phenol-d6	7.19	99	526480	68.49	ng	0.00
23) Nitrobenzene-d5	9.21	82	469291	71.21	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	260576	80.57	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1337726	72.18	ng	0.00
79) Terphenyl-d14	20.07	244	2063442	78.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	89883	33.116	ng	94
3) Pyridine	3.88	79	252917	34.909	ng	90
4) n-Nitrosodimethylamine	3.79	42	97784	29.226	ng	91
6) Aniline	7.37	93	369551	35.772	ng	94
8) 2-Chlorophenol	7.61	128	220387	34.065	ng	96
9) Benzaldehyde	7.17	77	187873	42.276	ng	97
10) Phenol	7.22	94	271066	33.472	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	223724	34.206	ng	96
12) 1,3-Dichlorobenzene	7.93	146	285890	37.035	ng	98
13) 1,4-Dichlorobenzene	8.08	146	285147	36.885	ng	98
14) 1,2-Dichlorobenzene	8.41	146	273794	37.564	ng	95
15) Benzyl Alcohol	8.28	79	207462	33.902	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	399325	29.465	ng	96
17) 2-Methylphenol	8.49	107	196939	35.165	ng	99
18) Hexachloroethane	9.15	117	95490	33.723	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	190425	33.895	ng	91
20) 3+4-Methylphenols	8.82	107	273431	35.627	ng	99
22) Acetophenone	8.87	105	358731	36.750	ng	# 93
24) Nitrobenzene	9.26	77	245210	34.108	ng	98
25) Isophorone	9.78	82	507724	35.183	ng	100
26) 2-Nitrophenol	9.97	139	110563	35.551	ng	94
27) 2,4-Dimethylphenol	10.03	122	203979	35.725	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	321229	36.117	ng	100
29) 2,4-Dichlorophenol	10.51	162	246026	37.793	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	309805	40.531	ng	98
31) Naphthalene	10.92	128	740723	37.540	ng	96
32) Benzoic acid	10.16	122	112671	28.097	ng	98
33) 4-Chloroaniline	11.02	127	354029	38.898	ng	97
34) Hexachlorobutadiene	11.21	225	207476	42.232	ng	98
35) Caprolactam	11.79	113	86711	36.239	ng	# 75
36) 4-Chloro-3-methylphenol	12.14	107	248992	36.510	ng	98
37) 2-Methylnaphthalene	12.53	142	588201	39.018	ng	100
38) 1-Methylnaphthalene	12.75	142	554563	38.587	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	364761	37.108	ng	98

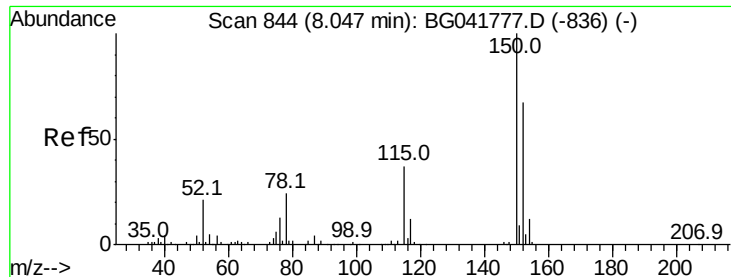
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	204568	36.789	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	232405	36.387	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	238866	35.496	ng	94
46) 1,1'-Biphenyl	13.53	154	749252	34.850	ng	97
47) 2-Chloronaphthalene	13.58	162	630634	35.195	ng	97
48) 2-Nitroaniline	13.77	65	159198	30.516	ng	93
49) Acenaphthylene	14.43	152	953272	34.080	ng	97
50) Dimethylphthalate	14.16	163	798464	35.427	ng	98
51) 2,6-Dinitrotoluene	14.27	165	163814	34.266	ng	89
52) Acenaphthene	14.77	154	611463	34.688	ng	98
53) 3-Nitroaniline	14.60	138	175443	33.618	ng	93
54) 2,4-Dinitrophenol	14.80	184	77334	37.427	ng	93
55) Dibenzofuran	15.10	168	949503	35.896	ng	94
56) 4-Nitrophenol	14.90	139	132074	31.259	ng	95
57) 2,4-Dinitrotoluene	15.06	165	224056	35.455	ng	94
58) Fluorene	15.75	166	758519	35.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	237090	38.163	ng	93
60) Diethylphthalate	15.52	149	781374	34.413	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	457792	37.628	ng	94
62) 4-Nitroaniline	15.76	138	192013	34.692	ng	97
63) Azobenzene	16.04	77	633024	30.838	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	111007	39.639	ng	90
66) n-Nitrosodiphenylamine	15.96	169	695379	37.244	ng	97
67) 4-Bromophenyl-phenylether	16.64	248	314479	41.569	ng	96
68) Hexachlorobenzene	16.76	284	326122	42.809	ng	96
69) Atrazine	16.91	200	275080	40.598	ng	99
70) Pentachlorophenol	17.10	266	185272	38.896	ng	99
71) Phenanthrene	17.49	178	1243561	38.838	ng	96
72) Anthracene	17.59	178	1235543	38.712	ng	95
73) Carbazole	17.85	167	1108309	37.443	ng	96
74) Di-n-butylphthalate	18.42	149	1280297	35.463	ng	96
75) Fluoranthene	19.50	202	1511395	38.442	ng	94
77) Benzidine	19.68	184	847264	41.139	ng	99
78) Pyrene	19.87	202	1513356	36.597	ng	94
80) Butylbenzylphthalate	20.76	149	569700	33.154	ng	93
81) Benzo(a)anthracene	21.72	228	1487070	37.644	ng	95
82) 3,3'-Dichlorobenzidine	21.63	252	599664	38.576	ng	99
83) Chrysene	21.78	228	1425411	37.762	ng	94
84) Bis(2-ethylhexyl)phthalate	21.64	149	793151	32.691	ng	97
85) Di-n-octyl phthalate	22.88	149	1334864	32.308	ng	# 91
86) Indeno(1,2,3-cd)pyrene	28.76	276	1840179	36.946	ng	# 90
88) Benzo(b)fluoranthene	23.98	252	1603075	36.659	ng	96
89) Benzo(k)fluoranthene	24.05	252	1549420	38.238	ng	# 96
90) Benzo(a)pyrene	24.86	252	1524657	36.851	ng	# 96
91) Dibenzo(a,h)anthracene	28.83	278	1476880	36.816	ng	97
92) Benzo(g,h,i)perylene	29.92	276	1477436	36.751	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

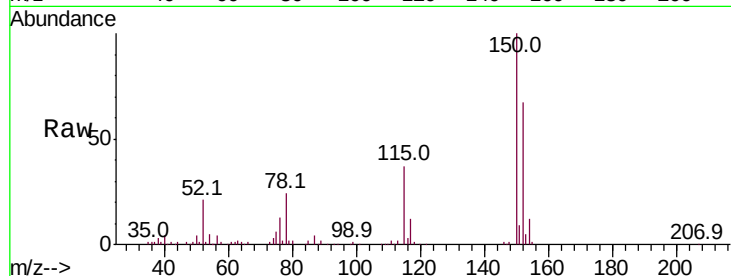
Tot Ion:152 Resp: 93421

Ion Ratio Lower Upper

152 100

150 148.4 126.9 190.3

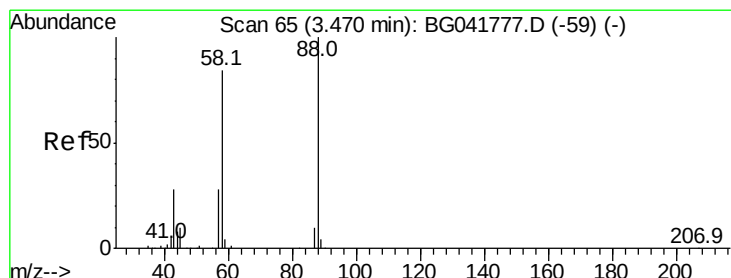
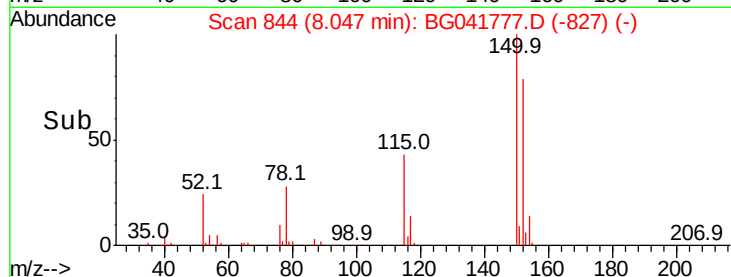
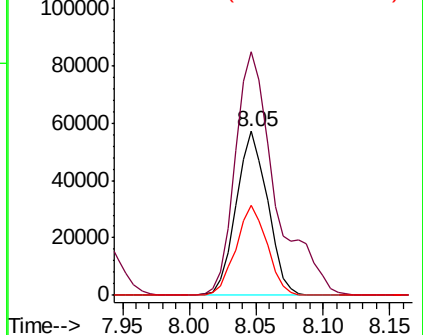
115 54.8 45.0 67.6



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: 33.116 ng

RT: 3.47 min Scan# 65

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

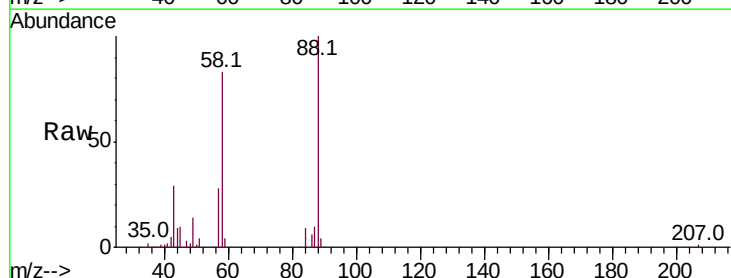
Tgt Ion: 88 Resp: 89883

Ion Ratio Lower Upper

88 100

58 88.1 76.2 114.2

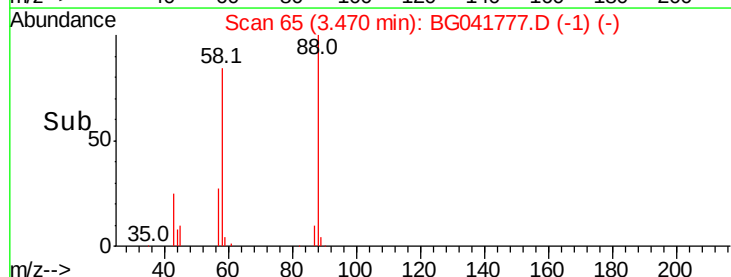
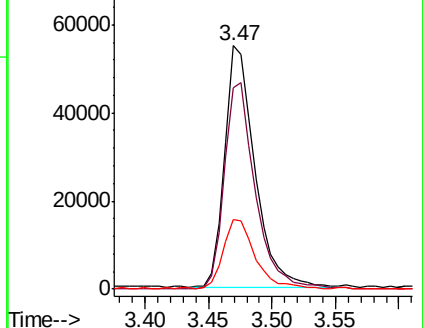
43 31.7 27.2 40.8

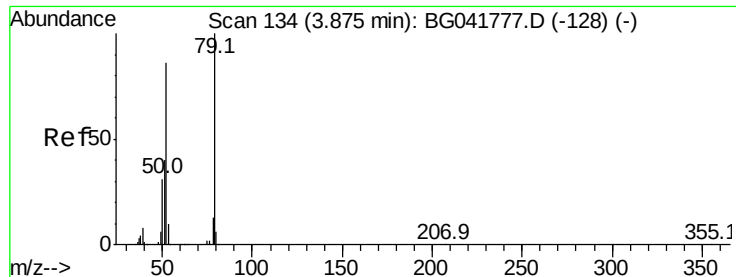


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.909 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

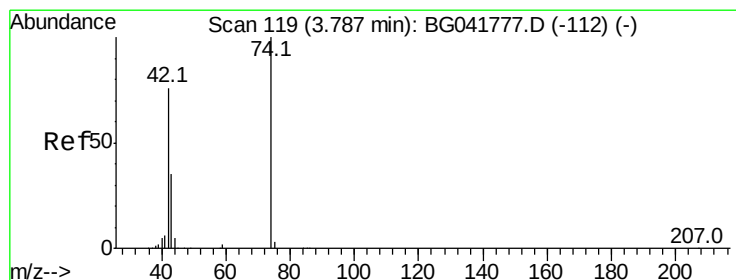
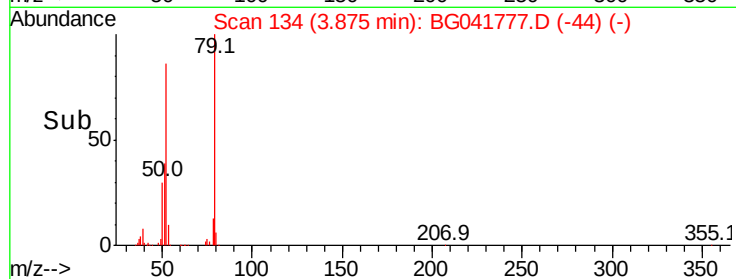
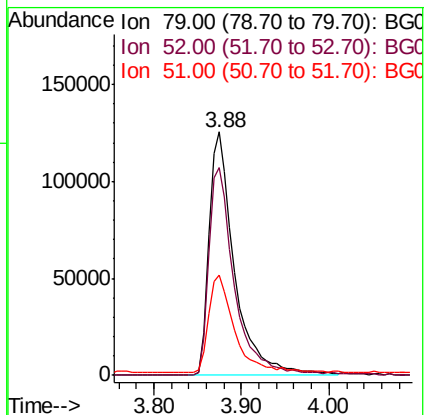
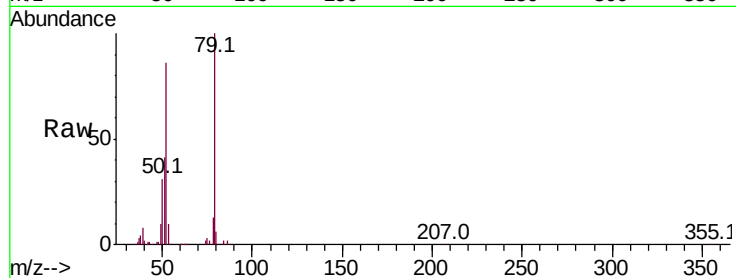
Tot Ion: 79 Resp: 252917

Ion Ratio Lower Upper

79 100

52 85.5 77.1 115.7

51 41.2 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 29.226 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

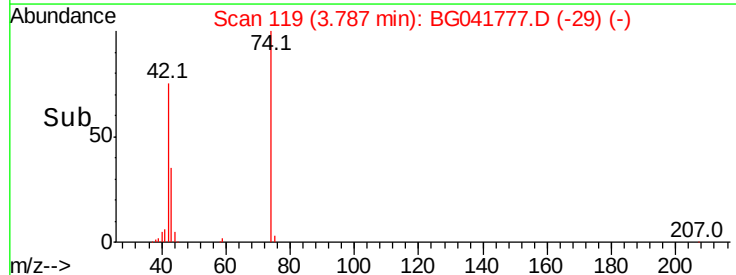
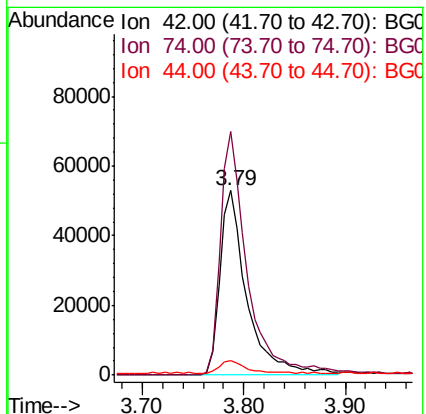
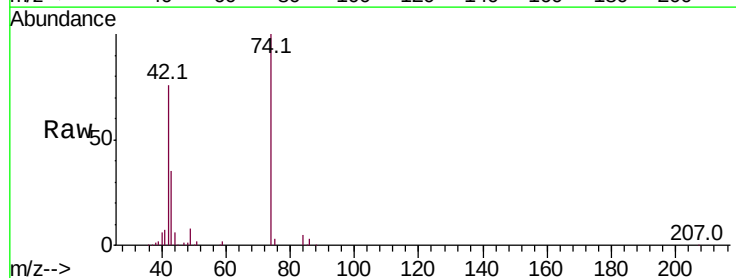
Tgt Ion: 42 Resp: 97784

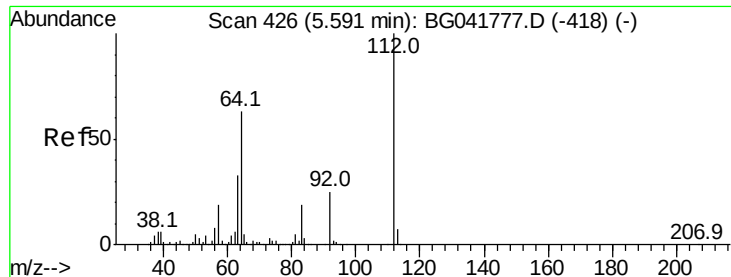
Ion Ratio Lower Upper

42 100

74 132.0 97.4 146.2

44 7.9 6.6 9.8





#5

2-Fluorophenol

Concen: 67.435 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

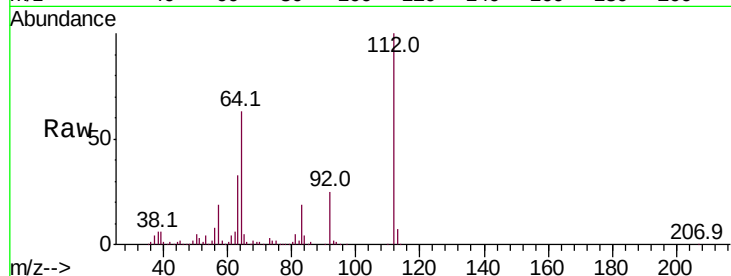
Tot Ion:112 Resp: 385371

Ion Ratio Lower Upper

112 100

64 63.1 55.4 83.2

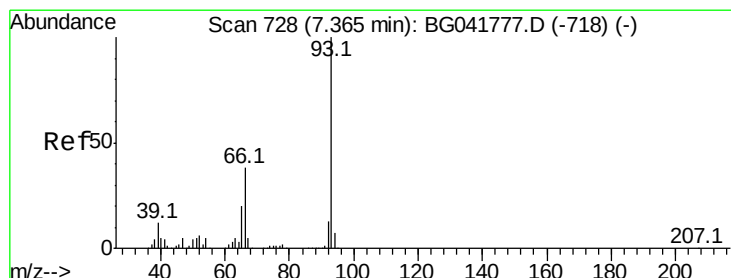
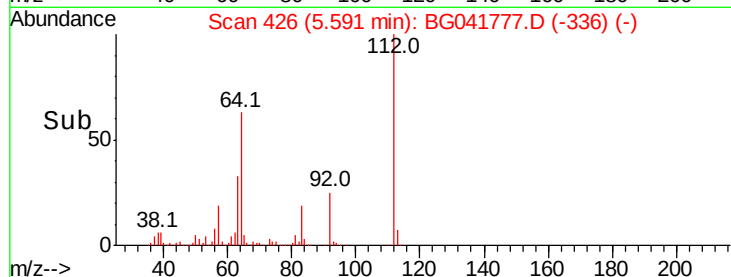
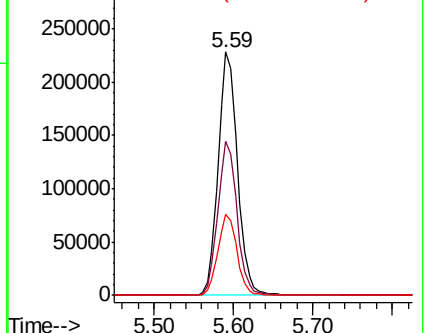
63 33.5 29.1 43.7



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: 35.772 ng

RT: 7.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

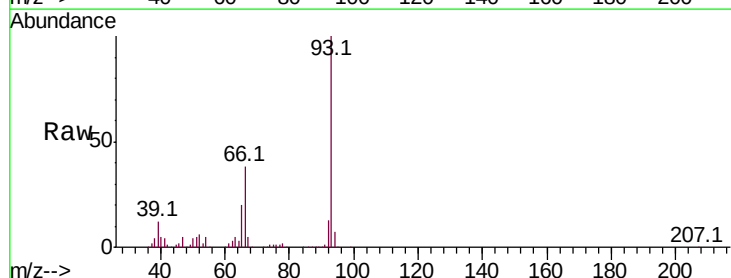
Tgt Ion: 93 Resp: 369551

Ion Ratio Lower Upper

93 100

66 38.2 34.2 51.2

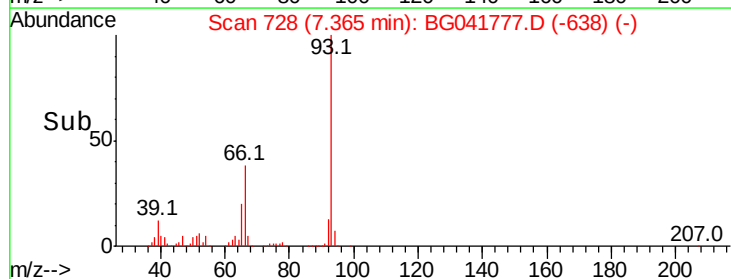
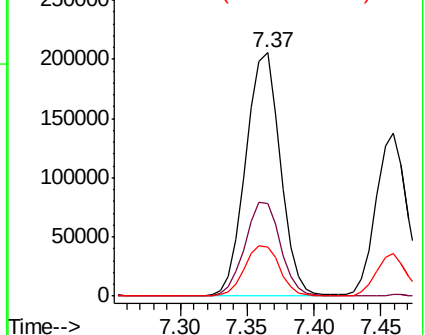
65 20.2 18.2 27.2

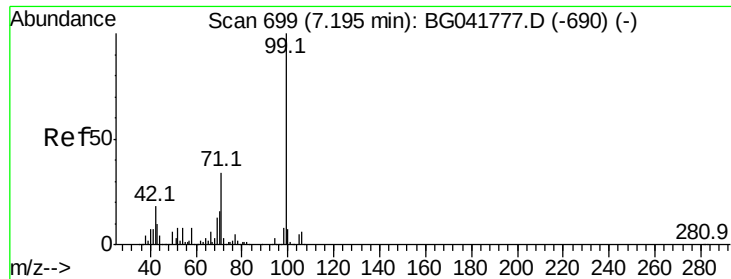


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 68.494 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

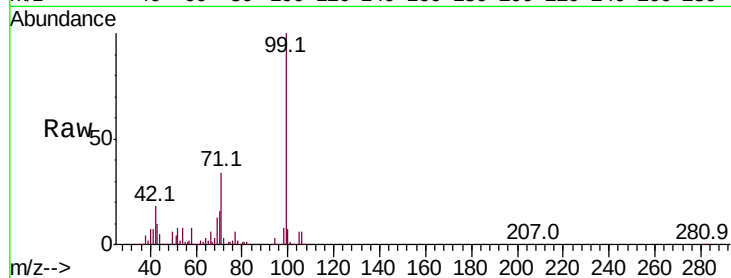
Tot Ion: 99 Resp: 526480

Ion Ratio Lower Upper

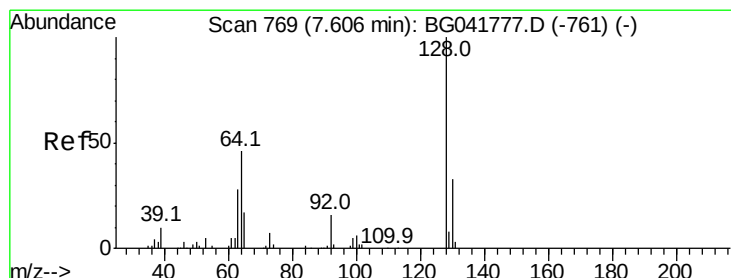
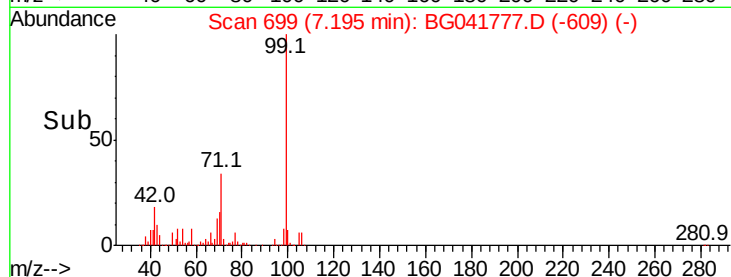
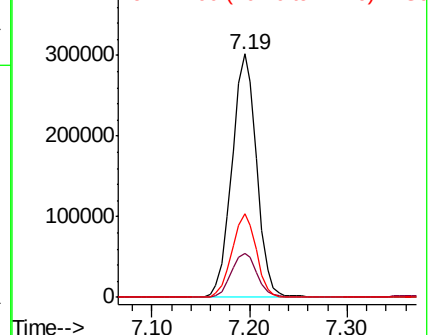
99 100

42 18.3 17.6 26.4

71 34.1 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 34.065 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

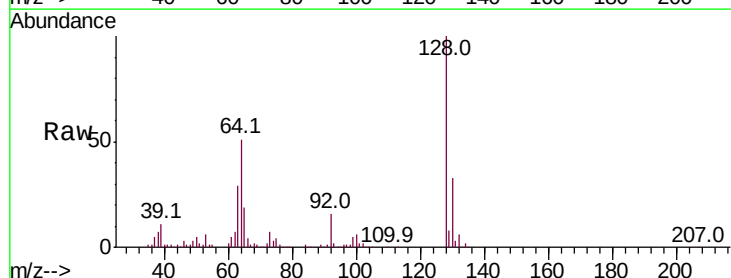
Tgt Ion: 128 Resp: 220387

Ion Ratio Lower Upper

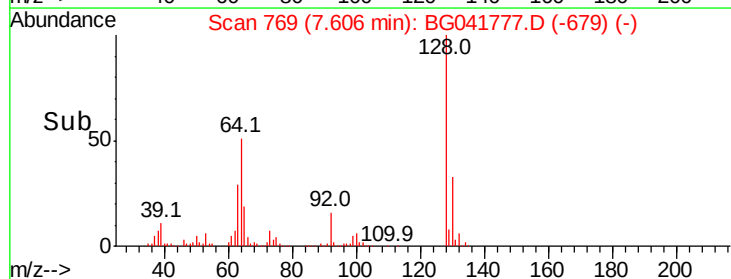
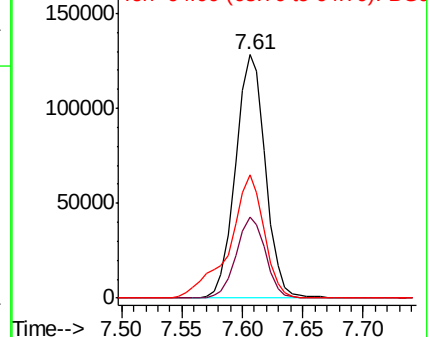
128 100

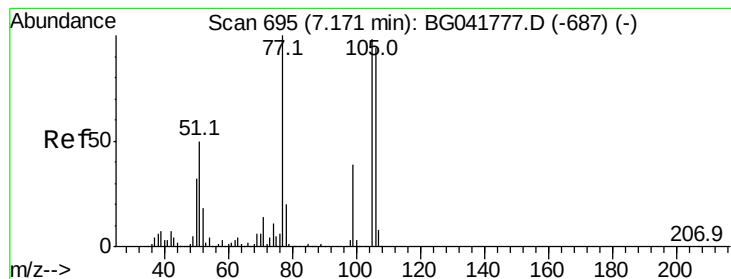
130 33.0 12.4 52.4

64 50.6 34.9 74.9



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





#9

Benzaldehyde

Concen: 42.276 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

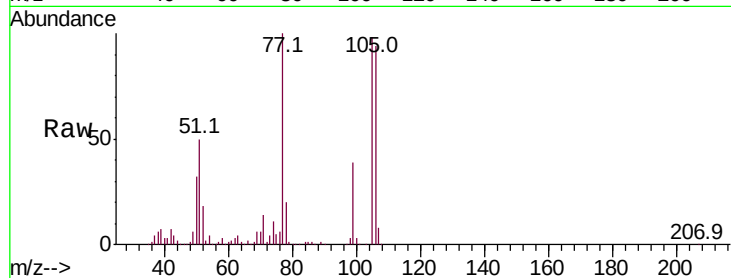
Tot Ion: 77 Resp: 187873

Ion Ratio Lower Upper

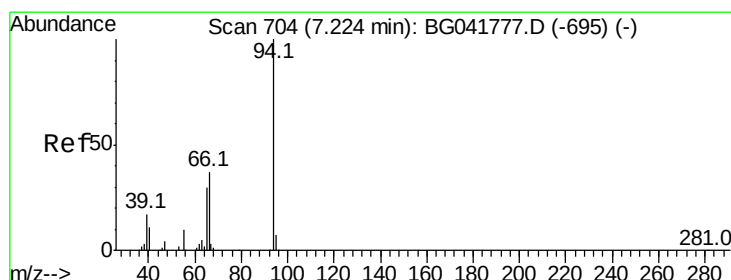
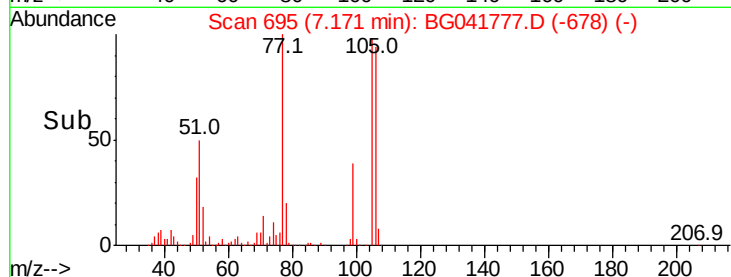
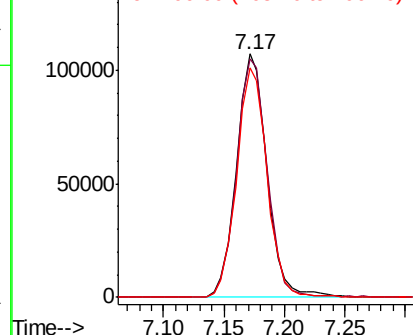
77 100

105 97.9 74.6 114.6

106 94.4 71.1 111.1



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: 33.472 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

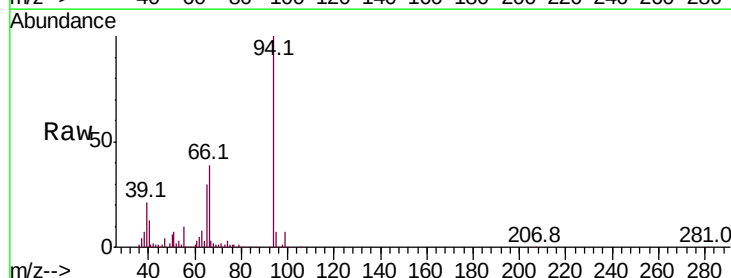
Tgt Ion: 94 Resp: 271066

Ion Ratio Lower Upper

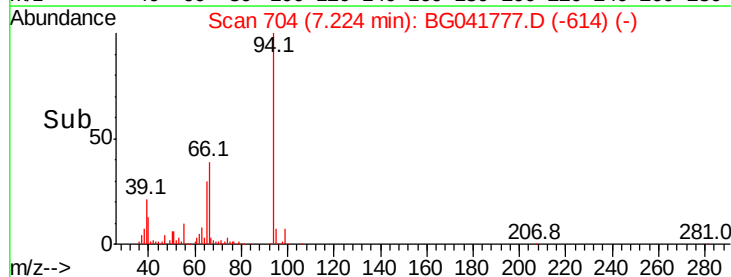
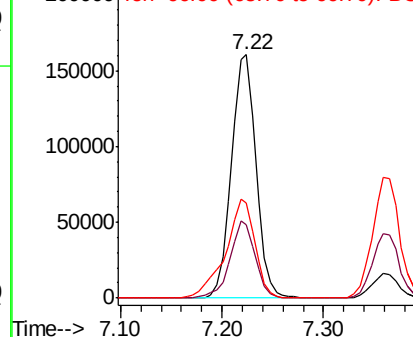
94 100

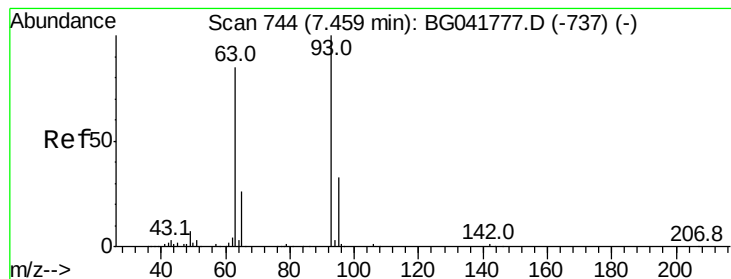
65 30.4 10.6 50.6

66 38.8 18.2 58.2



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: 34.206 ng

RT: 7.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

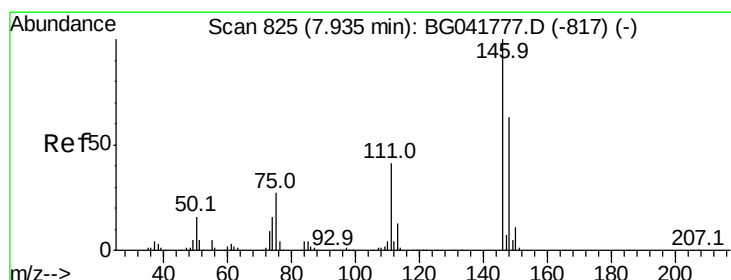
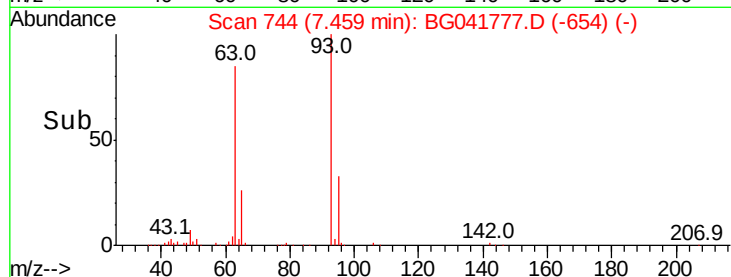
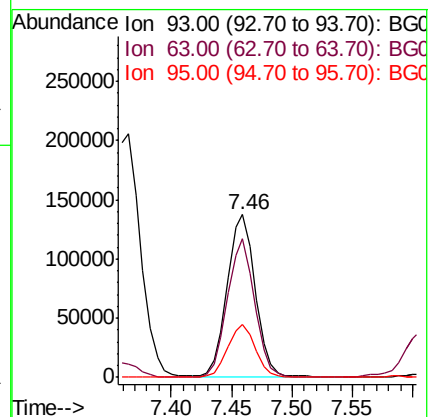
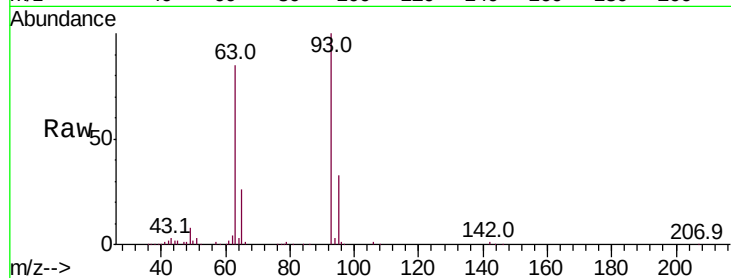
Tot Ion: 93 Resp: 223724

Ion Ratio Lower Upper

93 100

63 84.8 70.4 110.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.035 ng

RT: 7.93 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

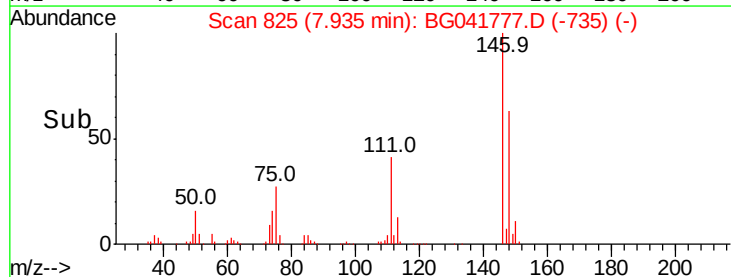
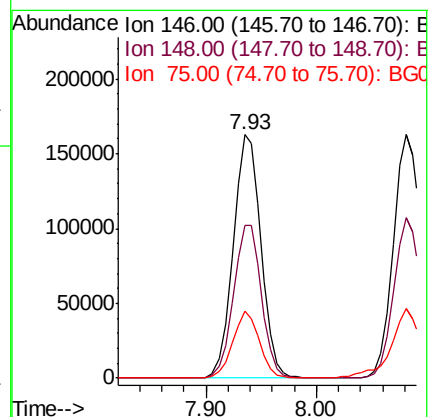
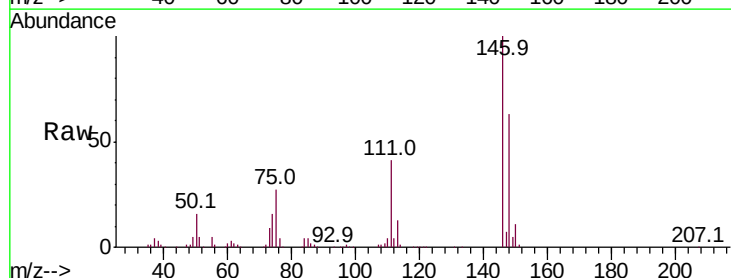
Tgt Ion: 146 Resp: 285890

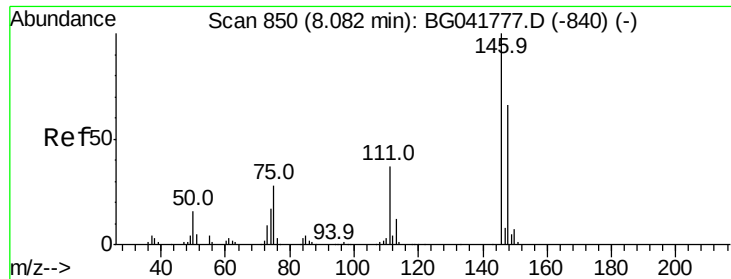
Ion Ratio Lower Upper

146 100

148 63.0 51.5 77.3

75 27.3 23.2 34.8

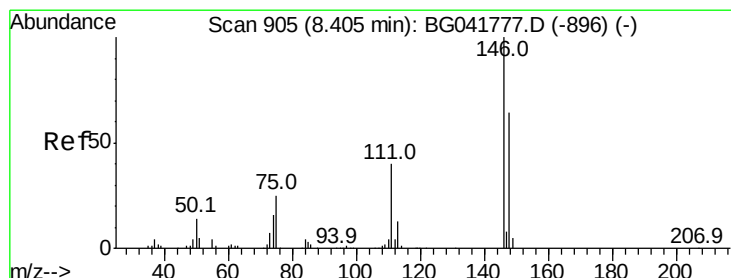
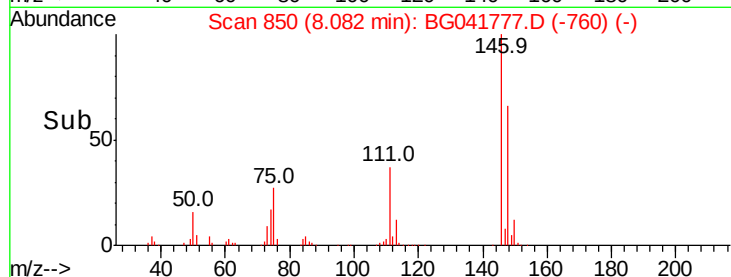
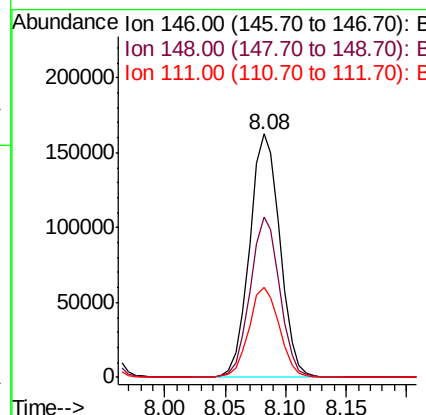
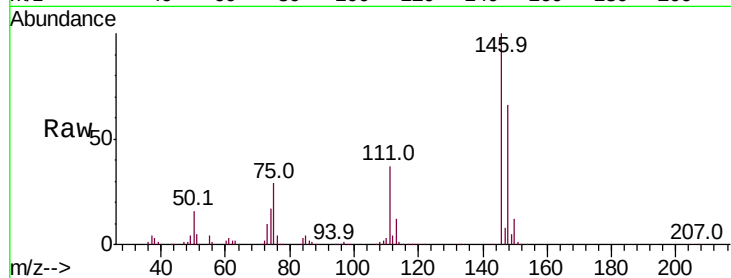




#13
 1,4-Dichlorobenzene
 Concen: 36.885 ng
 RT: 8.08 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

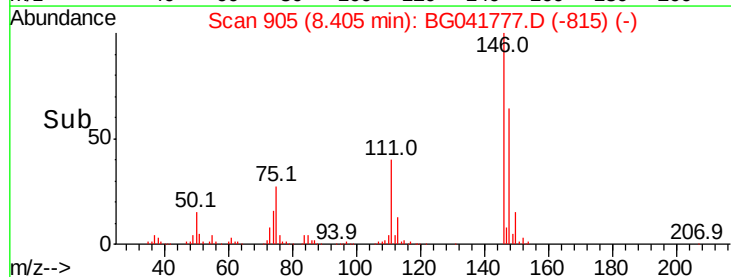
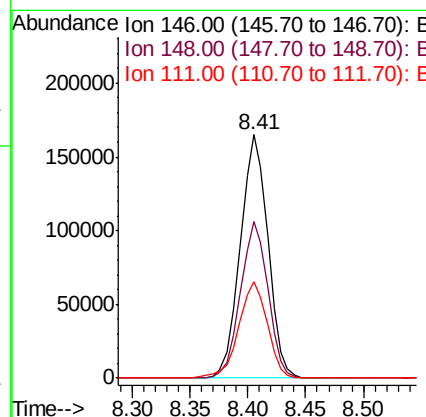
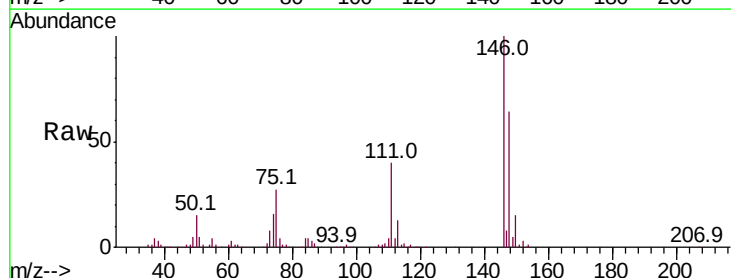
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

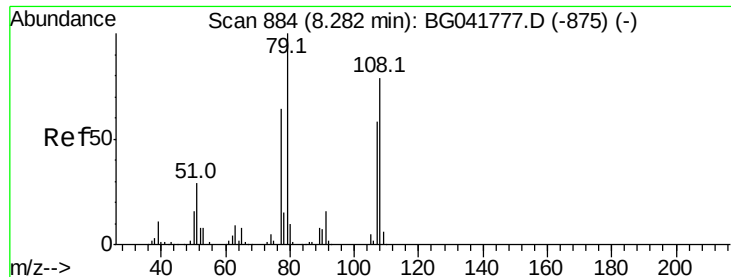
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.6	79.0
111	37.1	32.5	48.7



#14
 1,2-Dichlorobenzene
 Concen: 37.564 ng
 RT: 8.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.5	80.3
111	39.8	35.4	53.0





#15

Benzyl Alcohol

Concen: 33.902 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

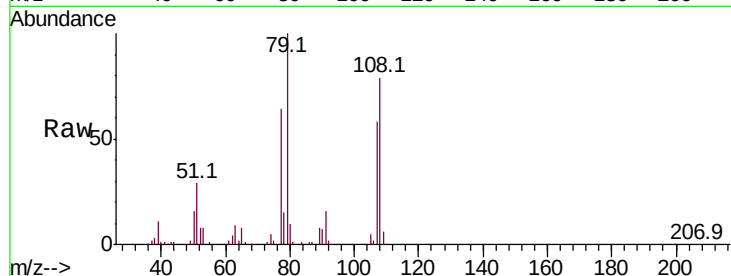
Tot Ion: 79 Resp: 207462

Ion Ratio Lower Upper

79 100

108 79.1 60.5 90.7

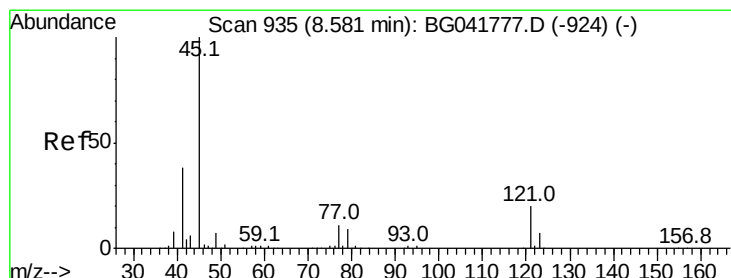
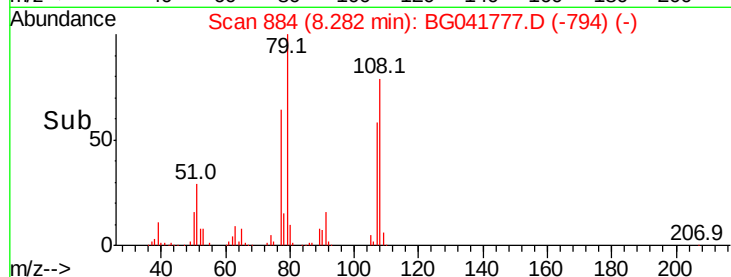
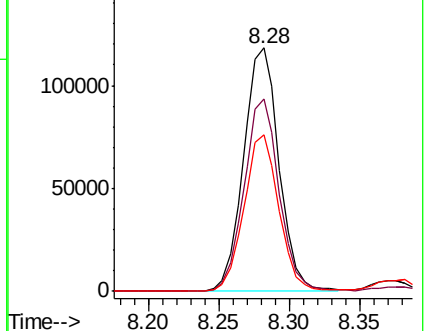
77 64.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.465 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

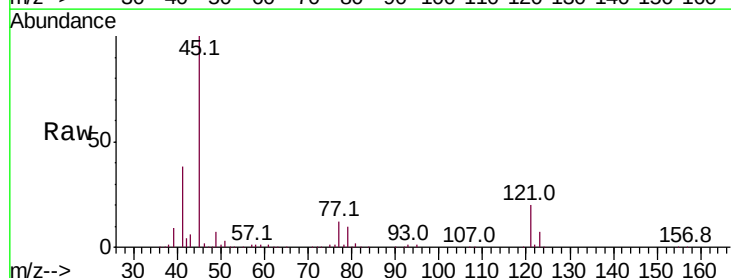
Tgt Ion: 45 Resp: 399325

Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.4

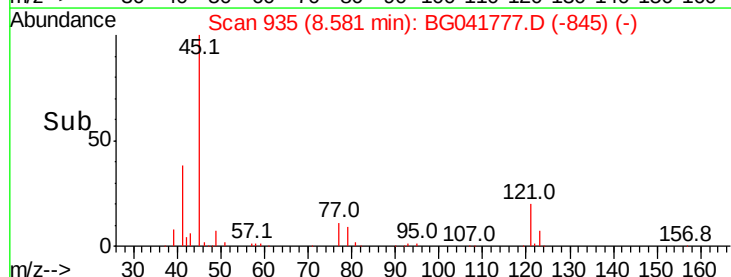
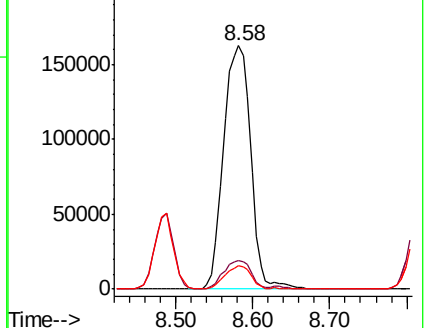
79 9.9 0.0 27.9

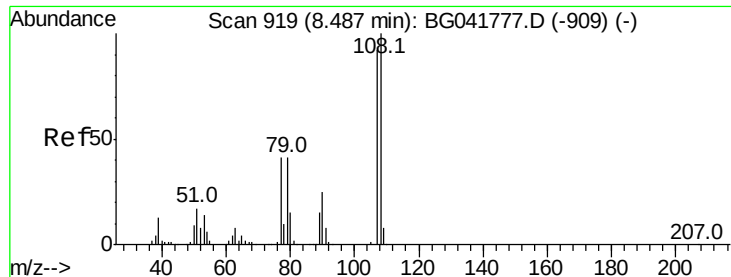


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

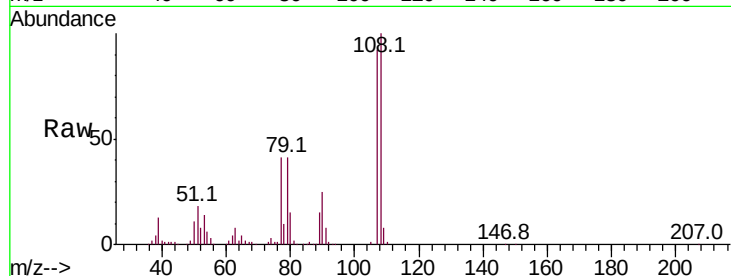




#17
2-Methylphenol
Concen: 35.165 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.4	87.6	131.4
77	44.9	36.1	54.1
79	44.7	36.4	54.6



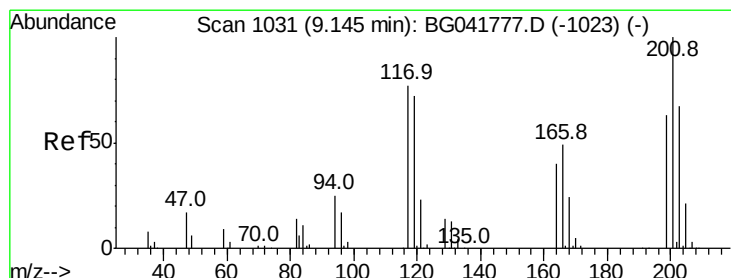
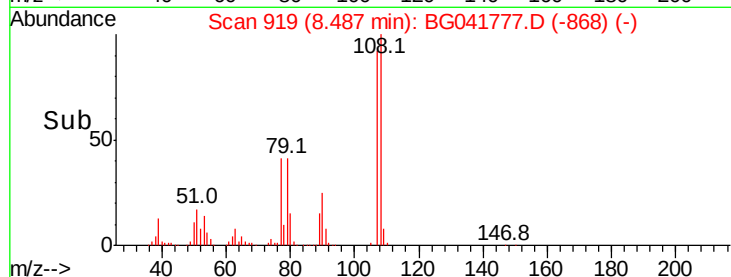
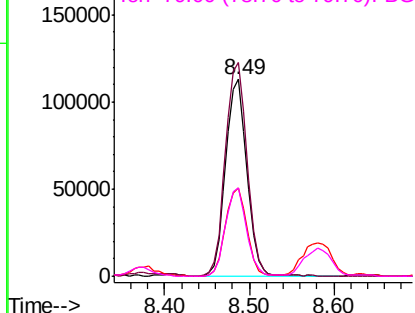
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

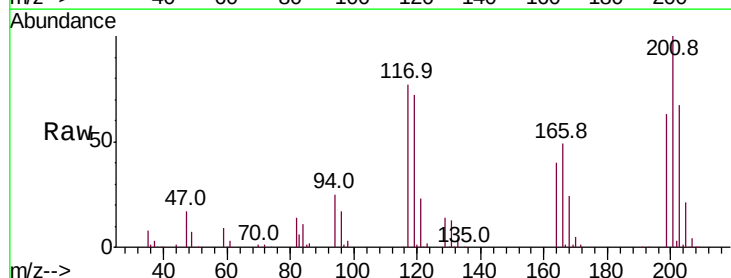
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 33.723 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.2	114.2
201	130.5	94.1	141.1

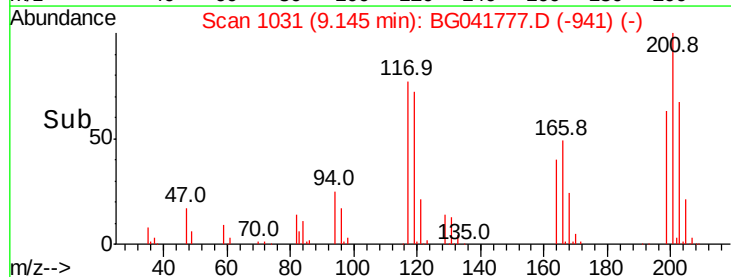
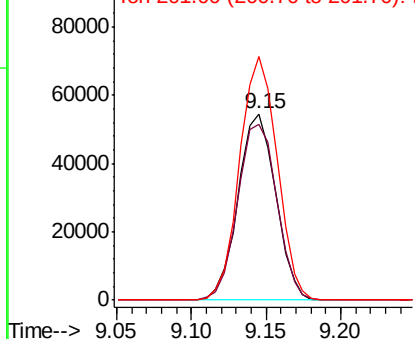


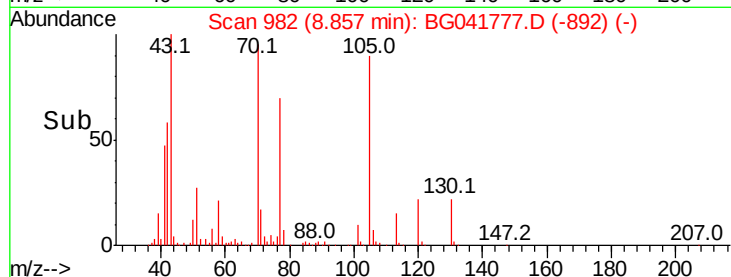
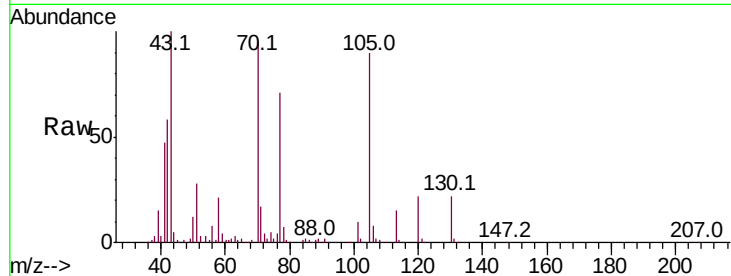
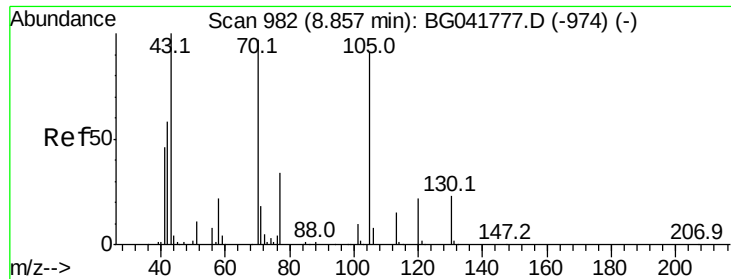
Abundance

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

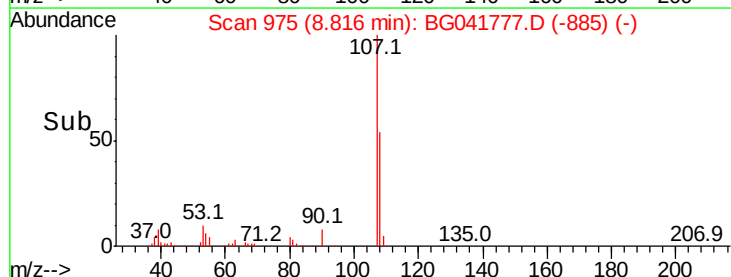
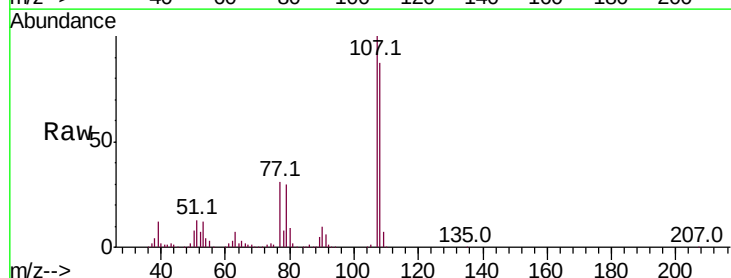
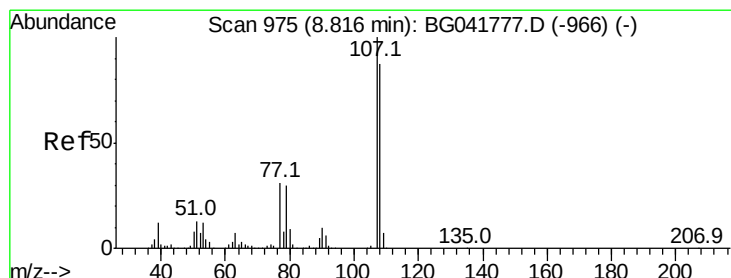
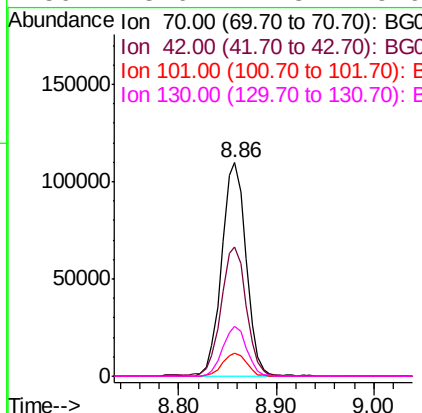




#19
n-Nitroso-di-n-propylamine
Concen: 33.895 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

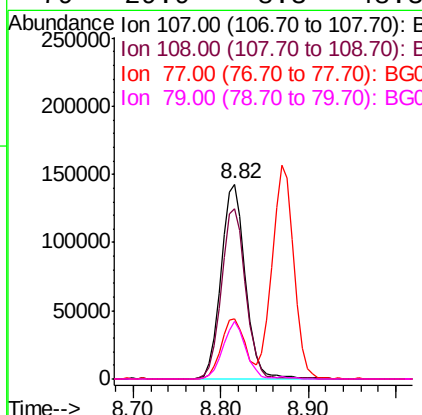
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

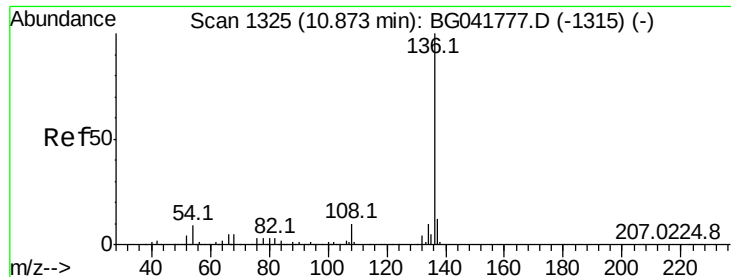
Tot Ion:	70	Resp:	190425
Ion	Ratio	Lower	Upper
70	100		
42	60.8	55.8	83.6
101	10.7	8.1	12.1
130	23.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 35.627 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion:	107	Resp:	273431
Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.5	107.5
77	30.6	12.3	52.3
79	29.9	8.3	48.3

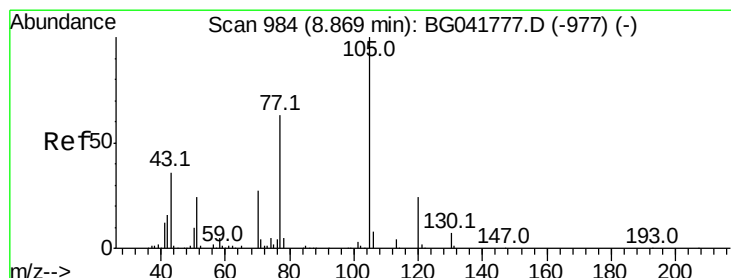
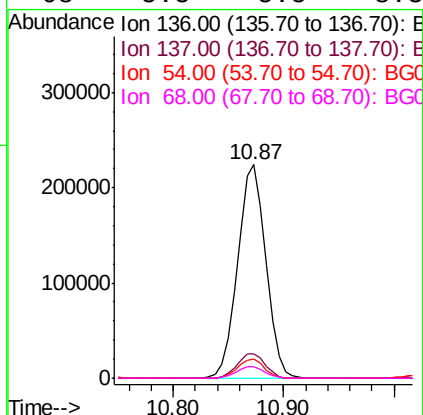
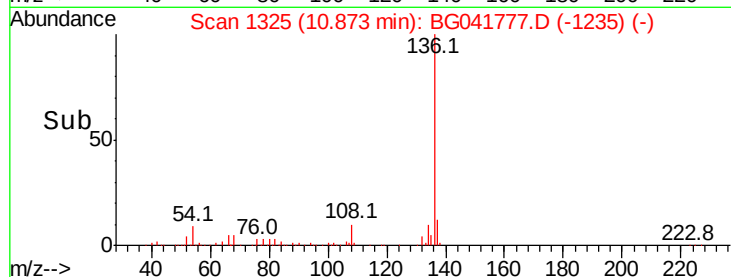
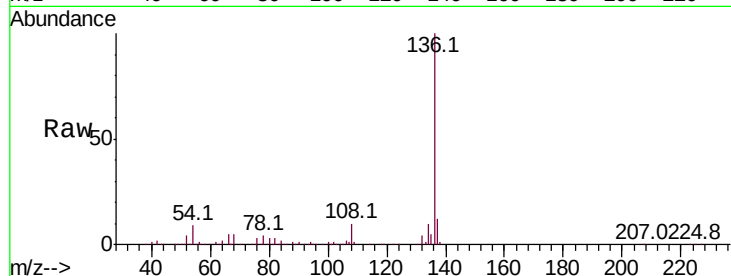




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

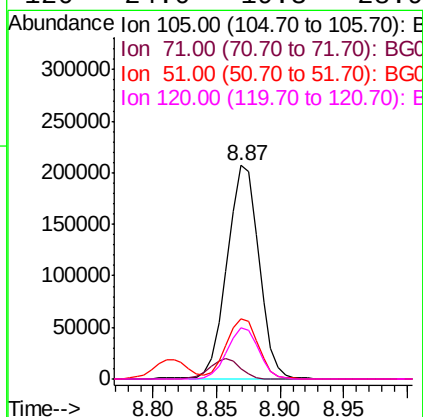
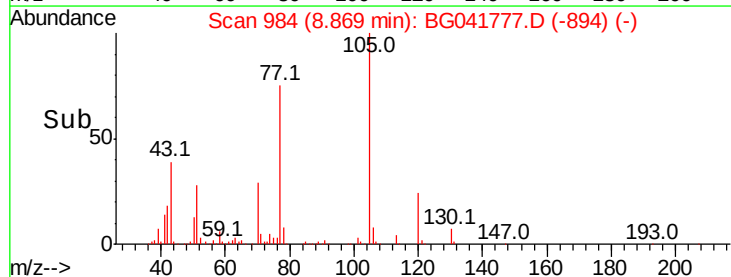
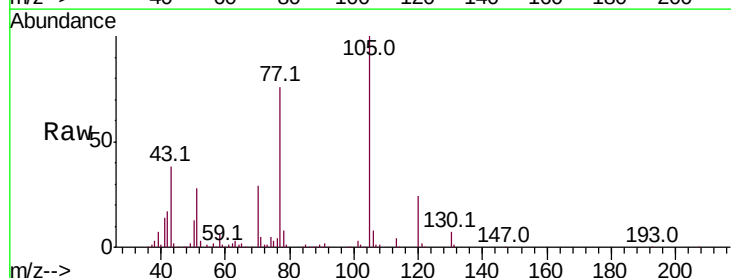
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

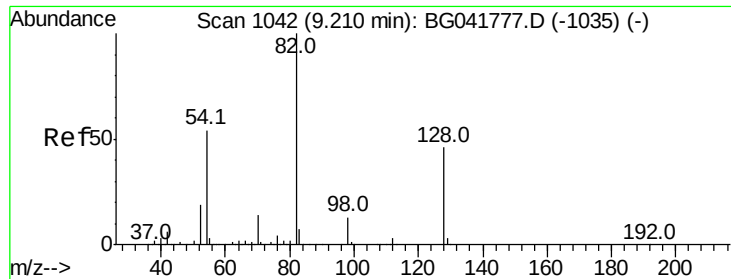
Tot Ion:136	Resp:	400787
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	8.9	8.7 13.1
68	5.5	5.5 8.3#



#22
Acetophenone
Concen: 36.750 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion:105	Resp:	358731
Ion Ratio	Lower	Upper
105	100	
71	4.8	5.9 8.9#
51	28.4	27.7 41.5
120	24.0	19.3 28.9

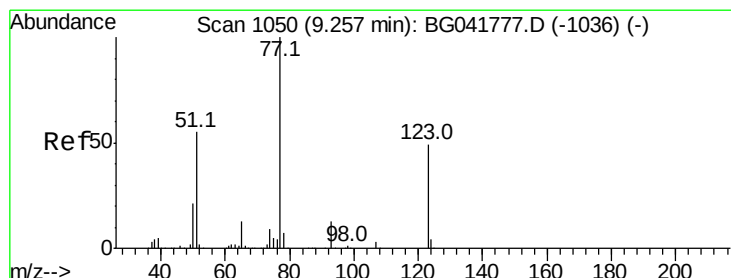
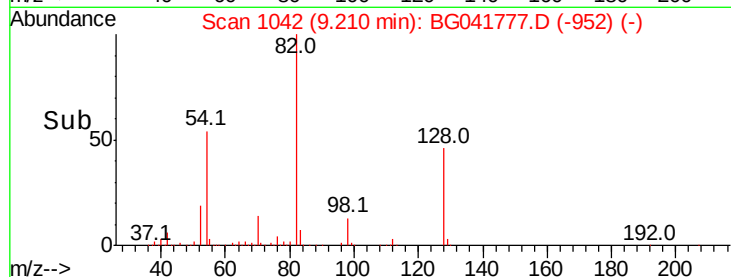
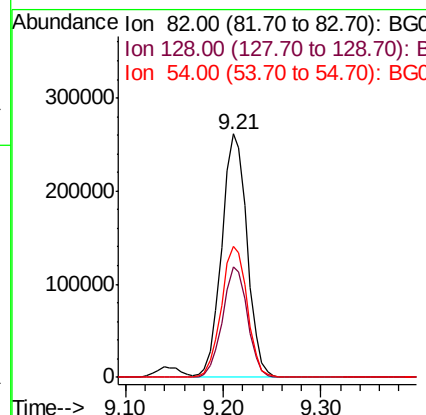
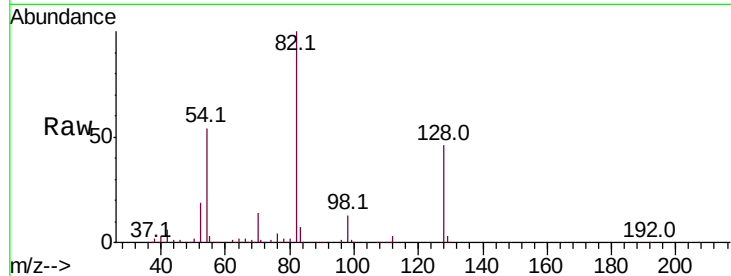




#23
 Nitrobenzene-d5
 Concen: 71.210 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

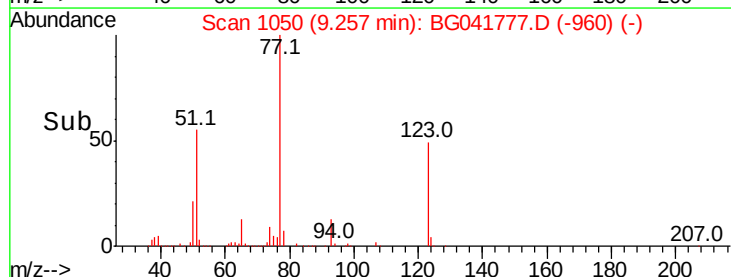
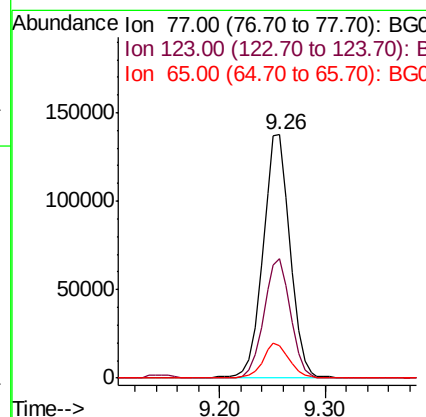
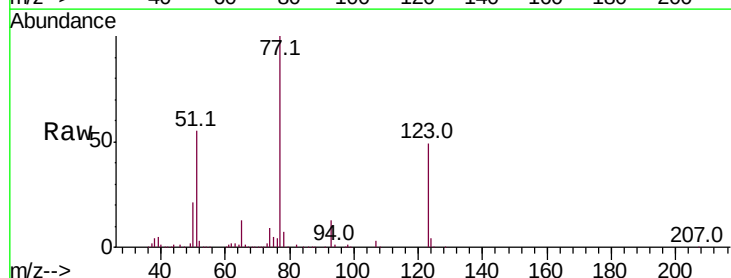
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

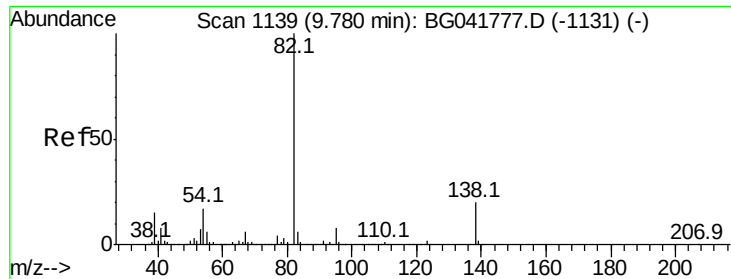
Tot Ion: 82 Resp: 469291
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.1 52.7
 54 53.9 48.7 73.1



#24
 Nitrobenzene
 Concen: 34.108 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion: 77 Resp: 245210
 Ion Ratio Lower Upper
 77 100
 123 48.9 38.1 57.1
 65 13.3 11.0 16.6





#25

Isophorone

Concen: 35.183 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

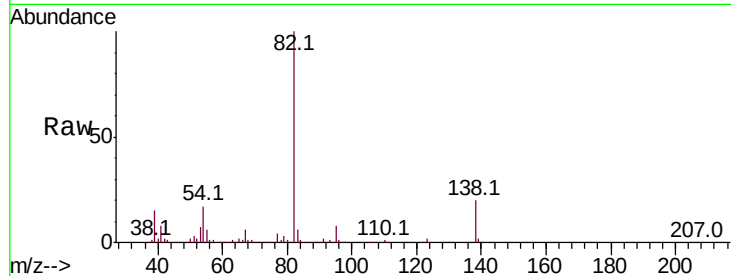
Tot Ion: 82 Resp: 507724

Ion Ratio Lower Upper

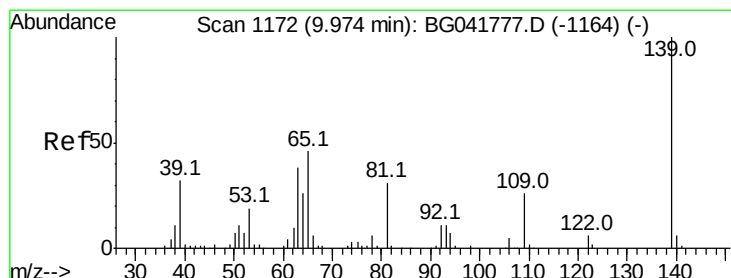
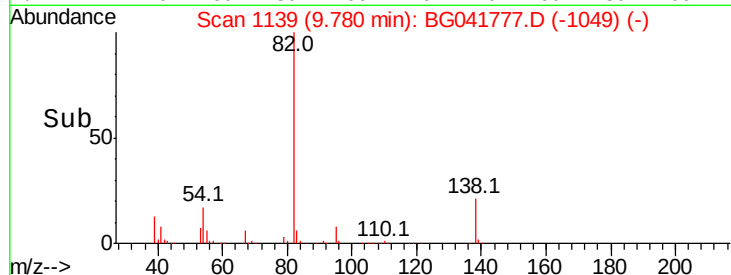
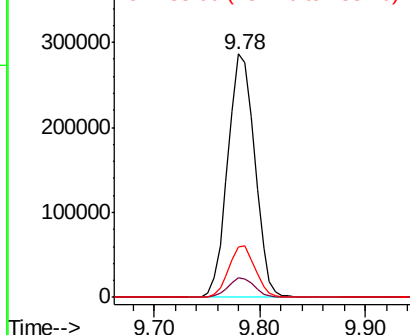
82 100

95 7.9 5.9 8.9

138 20.4 16.3 24.5



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: 35.551 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

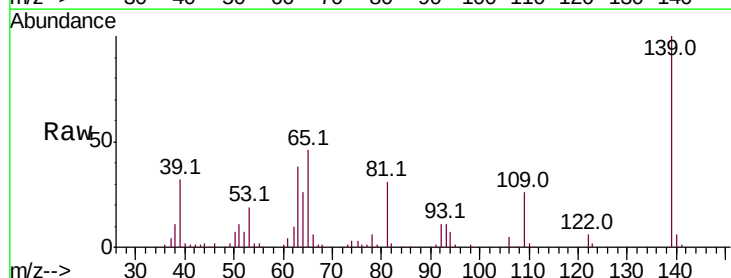
Tgt Ion:139 Resp: 110563

Ion Ratio Lower Upper

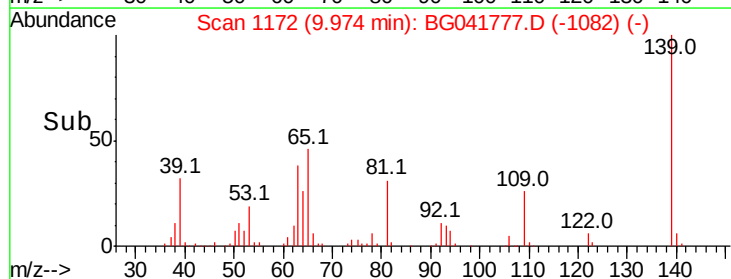
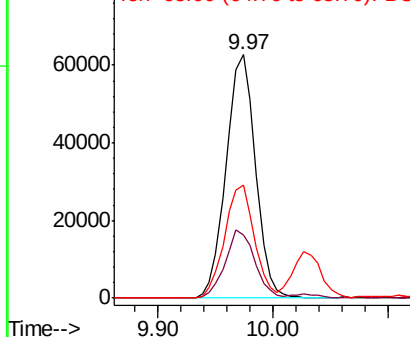
139 100

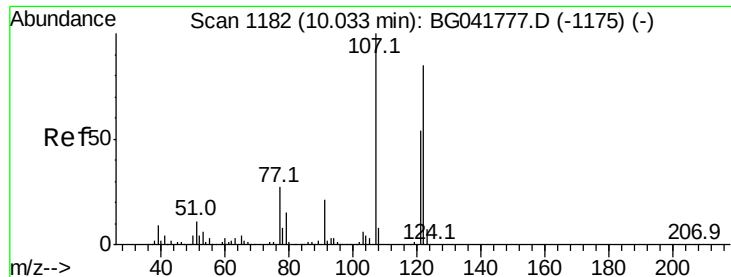
109 25.9 22.7 34.1

65 46.3 41.1 61.7



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

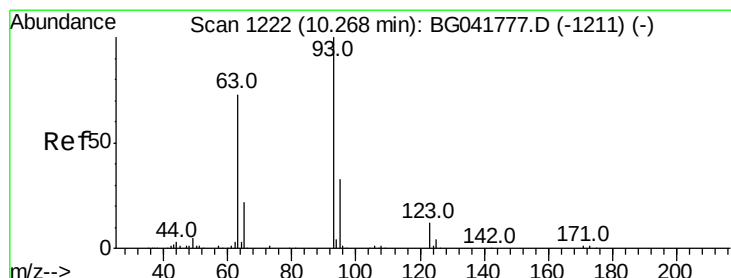
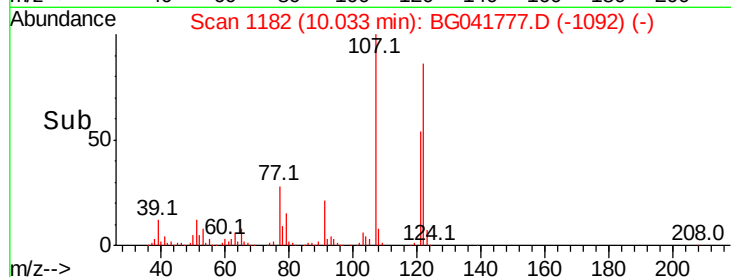
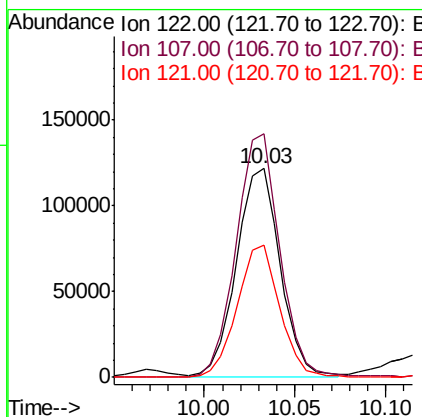
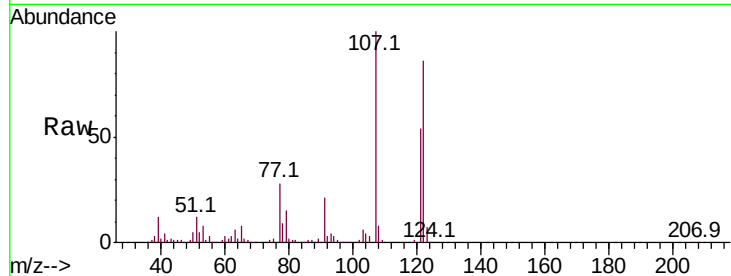




#27
2,4-Dimethylphenol
Concen: 35.725 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

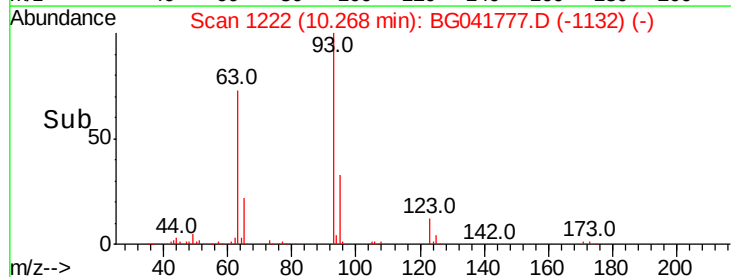
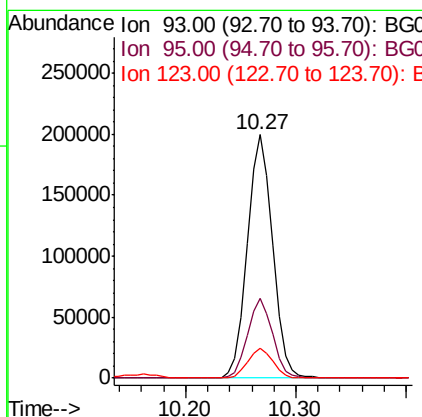
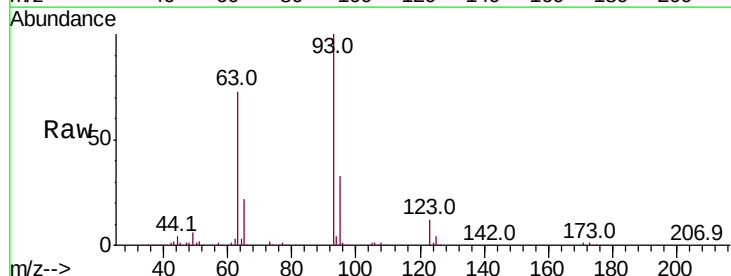
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

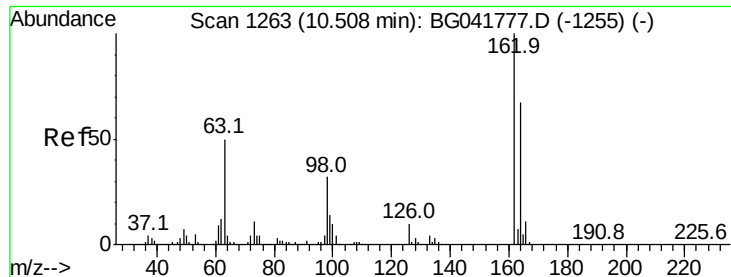
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.3	136.9
121	63.4	49.2	73.8



#28
bis(2-Chloroethoxy)methane
Concen: 36.117 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	12.0	9.9	14.9

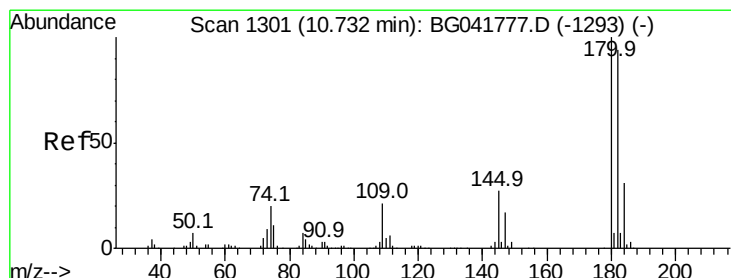
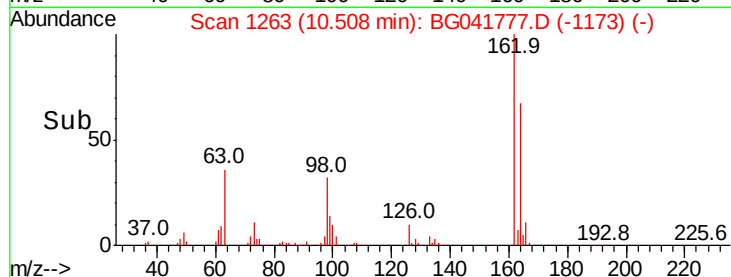
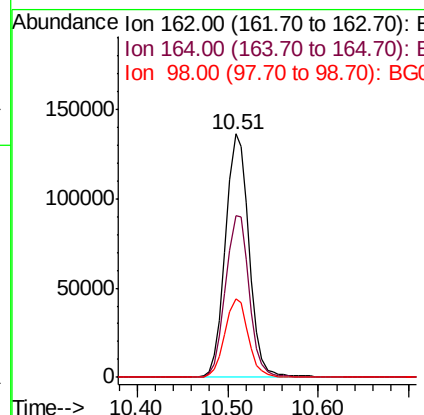
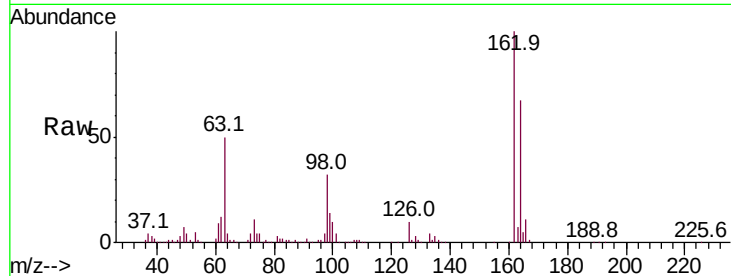




#29
 2,4-Dichlorophenol
 Concen: 37.793 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

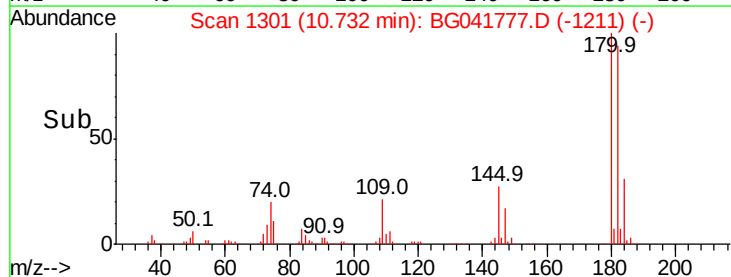
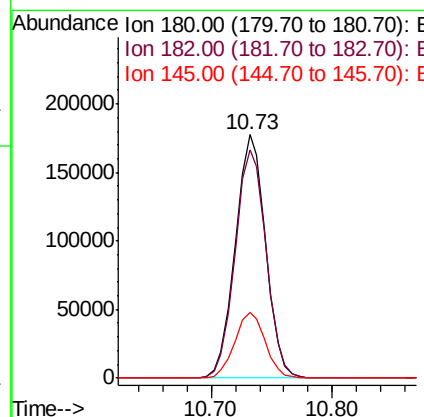
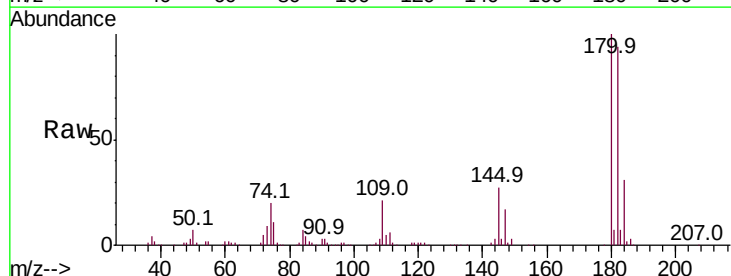
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

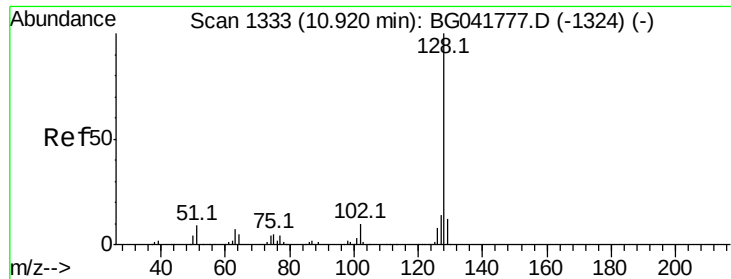
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	46.1	86.1
98	32.2	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.531 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.2	114.2
145	26.8	23.8	35.8

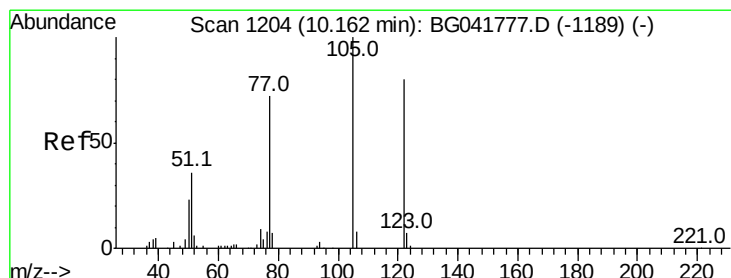
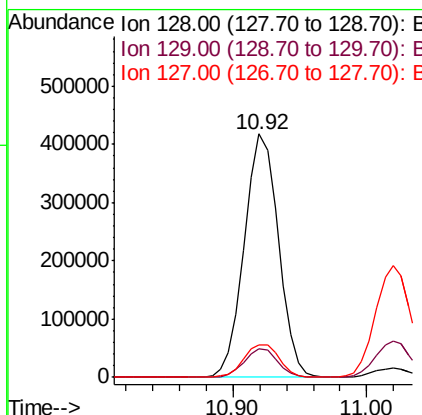
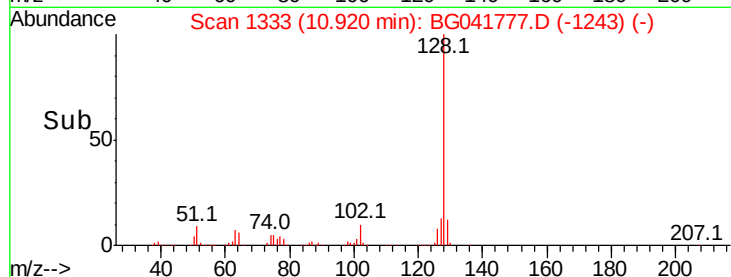
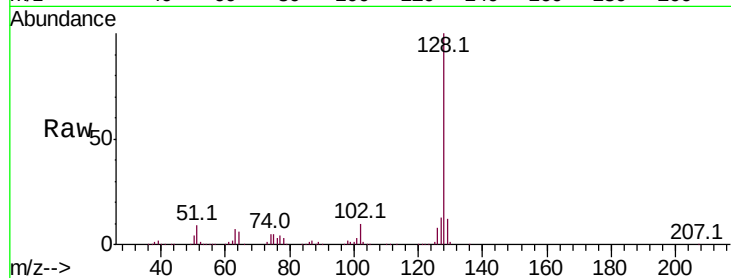




#31
Naphthalene
Concen: 37.540 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

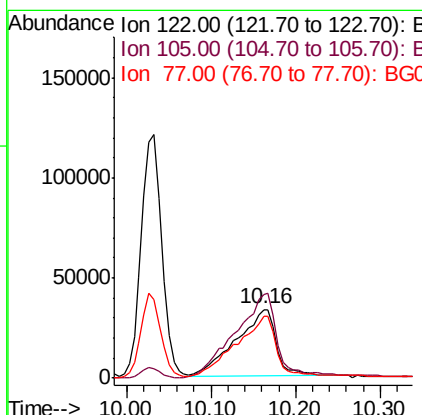
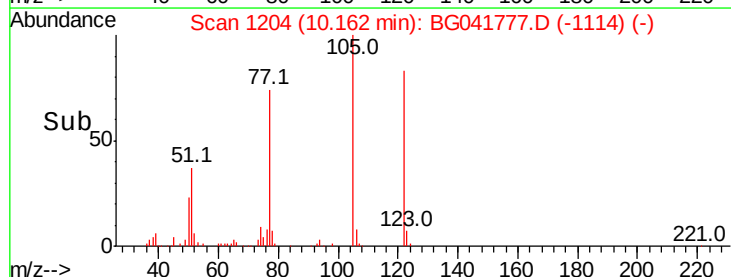
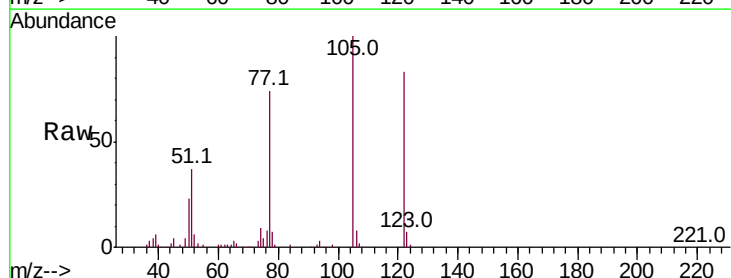
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

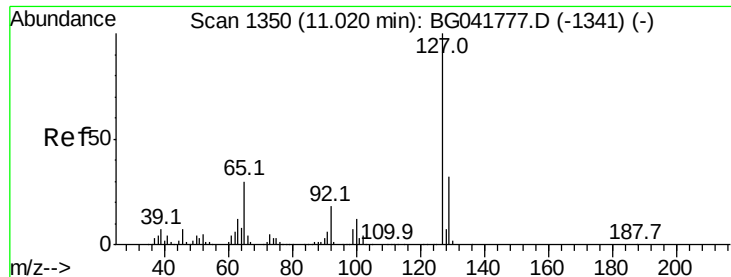
Tot Ion:128 Resp: 740723
Ion Ratio Lower Upper
128 100
129 11.6 10.0 15.0
127 13.5 12.3 18.5



#32
Benzoic acid
Concen: 28.097 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion:122 Resp: 112671
Ion Ratio Lower Upper
122 100
105 121.1 101.5 141.5
77 89.1 73.0 113.0

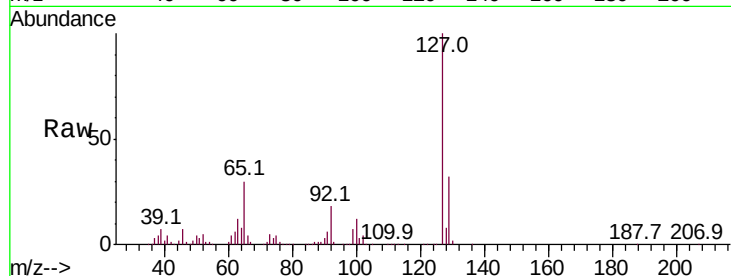




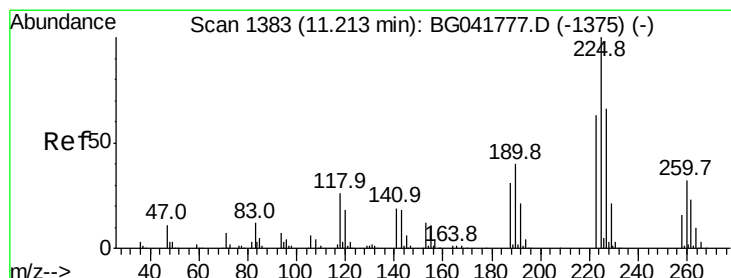
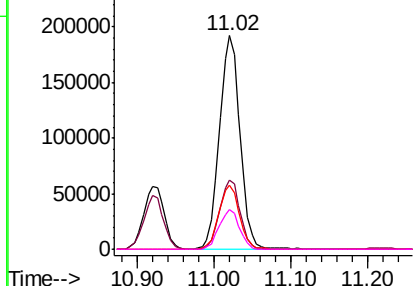
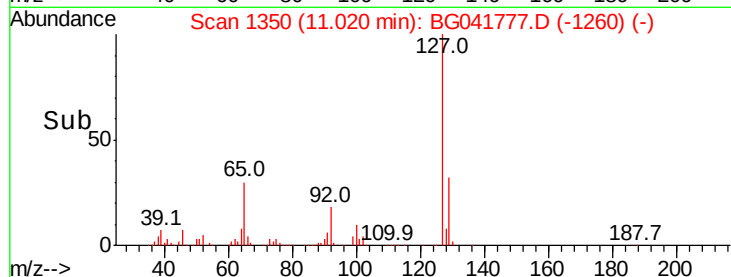
#33
4-Chloroaniline
Concen: 38.898 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:	127	Resp:	354029
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	30.0	26.7	40.1
92	18.3	15.4	23.0

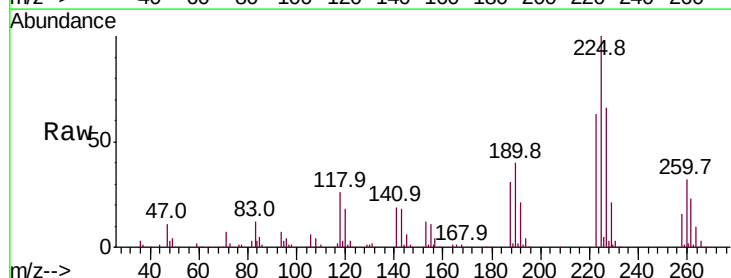


Abundance Ion 127.00 (126.70 to 127.70): E
300000
Ion 129.00 (128.70 to 129.70): E
250000
Ion 65.00 (64.70 to 65.70): BG
200000
Ion 92.00 (91.70 to 92.70): BG

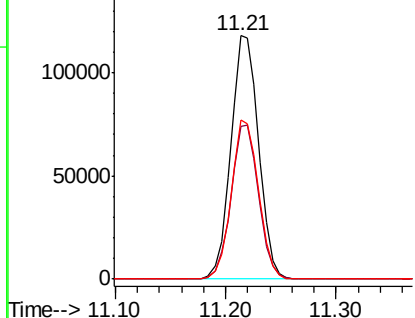
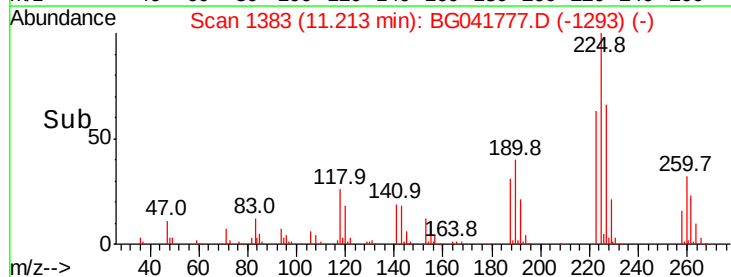


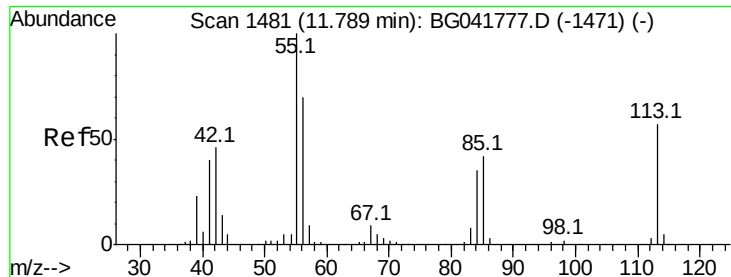
#34
Hexachlorobutadiene
Concen: 42.232 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion:	225	Resp:	207476
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	65.6	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
100000
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.239 ng

RT: 11.79 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

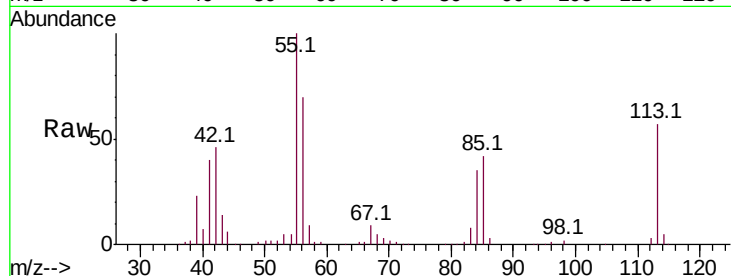
Tot Ion:113 Resp: 86711

Ion Ratio Lower Upper

113 100

55 176.5 199.4 239.4#

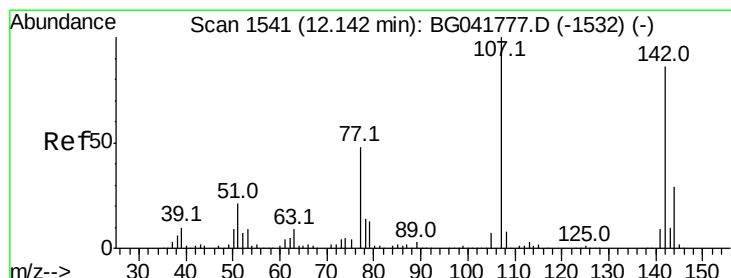
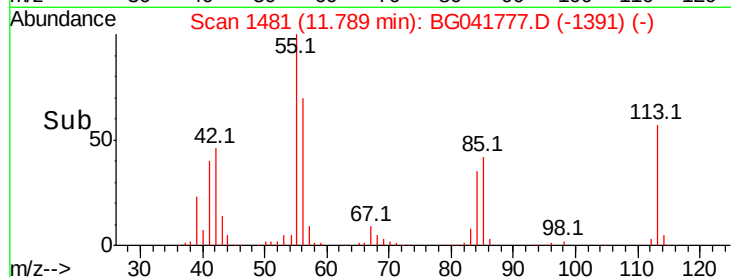
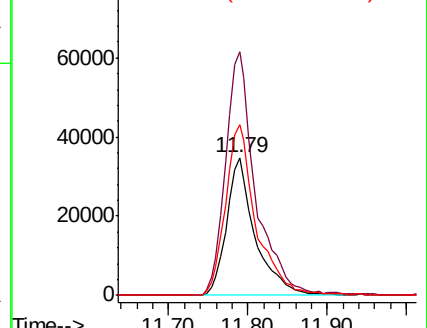
56 123.9 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 36.510 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

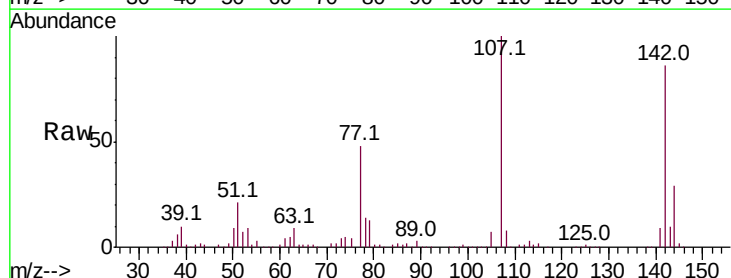
Tgt Ion:107 Resp: 248992

Ion Ratio Lower Upper

107 100

144 29.1 22.2 33.2

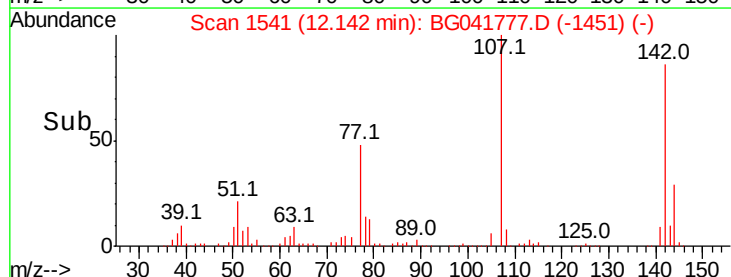
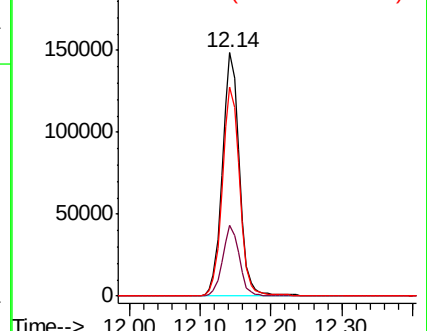
142 85.8 67.3 100.9

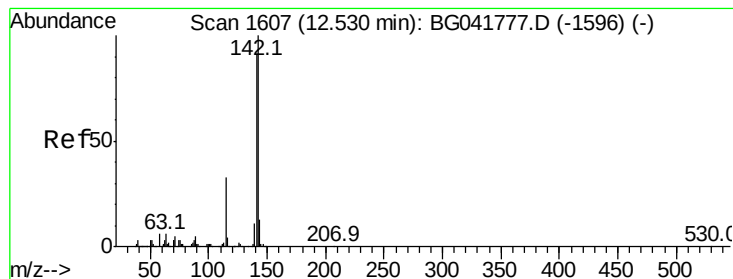


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.018 ng

RT: 12.53 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

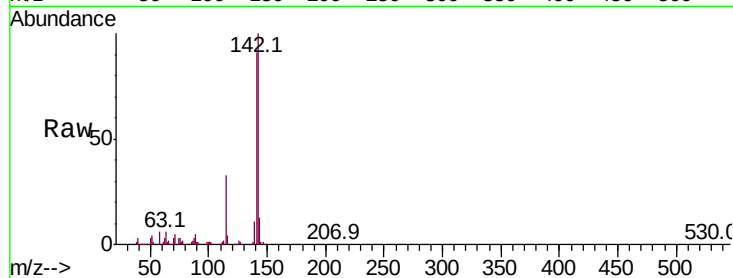
Tot Ion:142 Resp: 588201

Ion Ratio Lower Upper

142 100

141 90.6 72.7 109.1

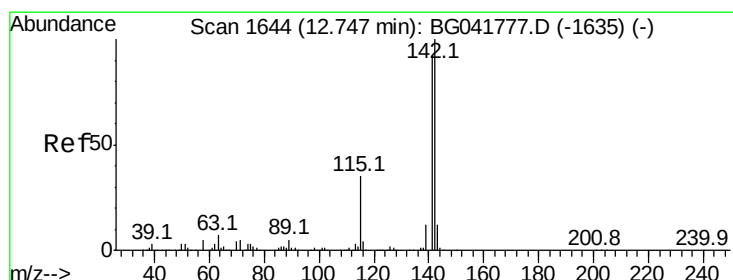
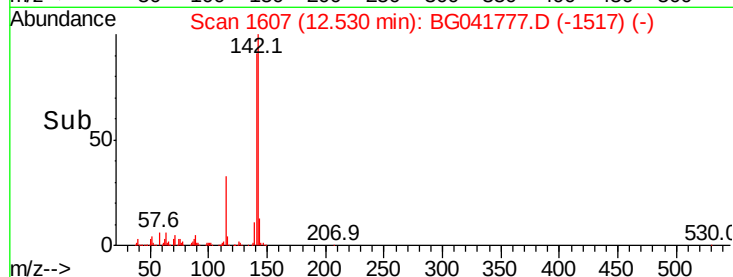
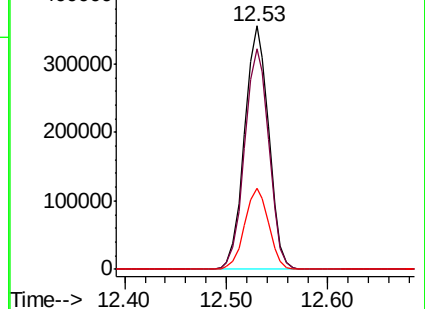
115 33.2 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.587 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

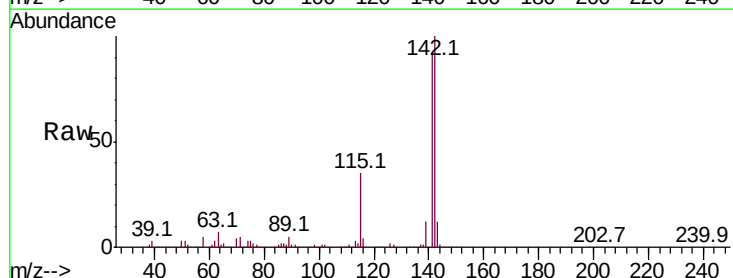
Tgt Ion:142 Resp: 554563

Ion Ratio Lower Upper

142 100

141 91.6 75.4 113.2

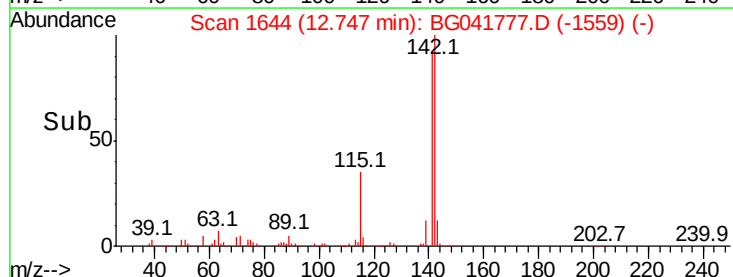
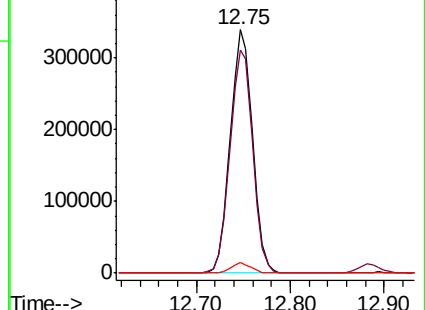
116 4.2 3.2 4.8

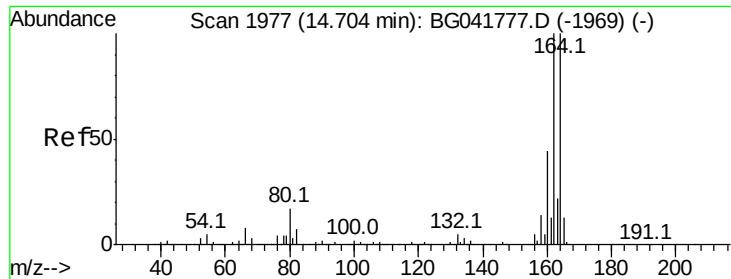


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

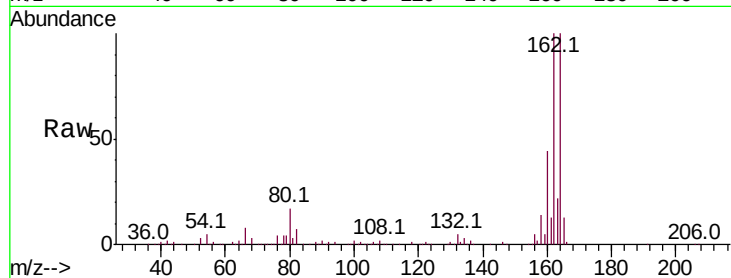




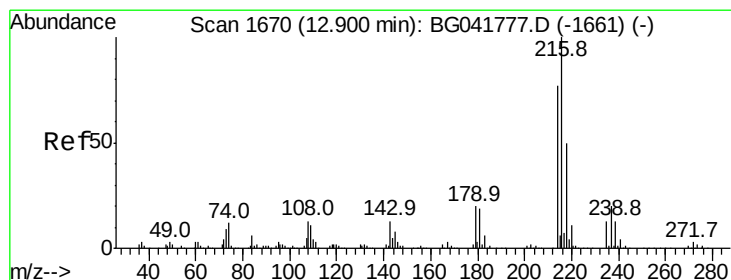
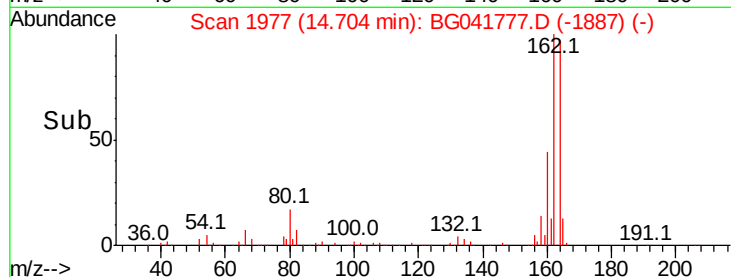
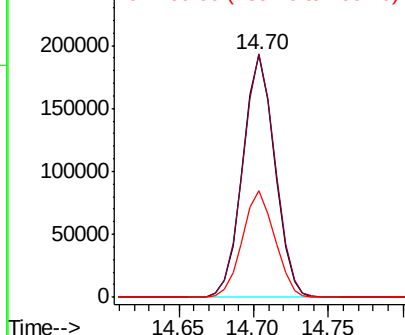
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:164 Resp: 286971
Ion Ratio Lower Upper
164 100
162 100.3 79.6 119.4
160 43.9 35.4 53.0

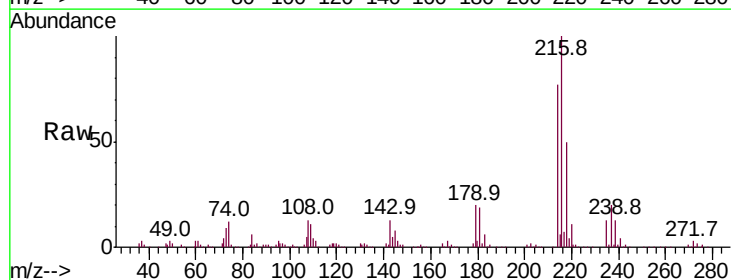


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

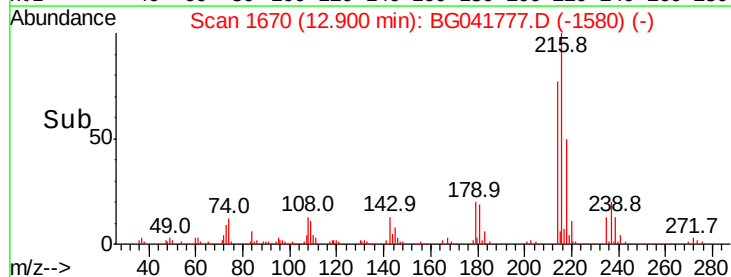
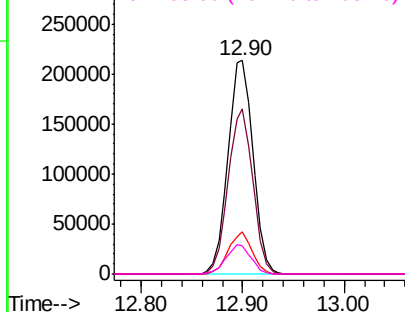


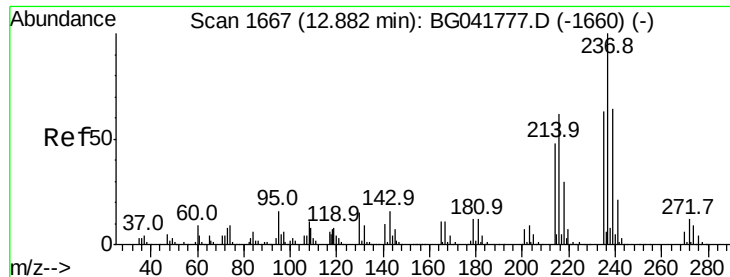
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.108 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion:216 Resp: 364761
Ion Ratio Lower Upper
216 100
214 75.8 61.5 92.3
179 18.5 16.2 24.2
108 13.7 13.2 19.8



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: 36.789 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

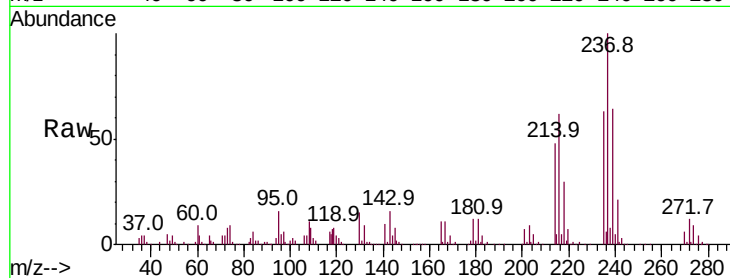
Tot Ion:237 Resp: 204568

Ion Ratio Lower Upper

237 100

235 63.4 43.5 83.5

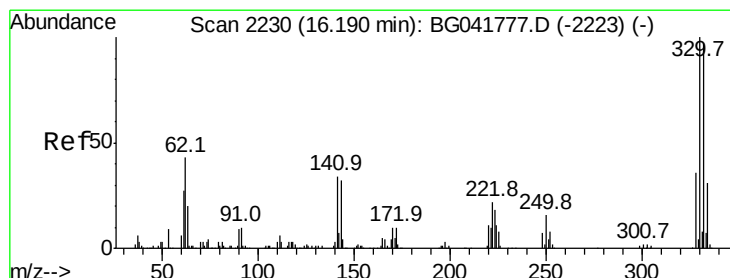
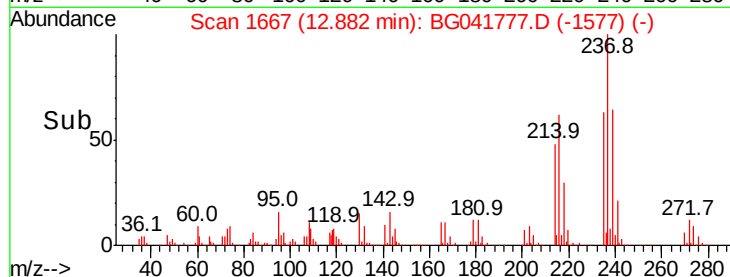
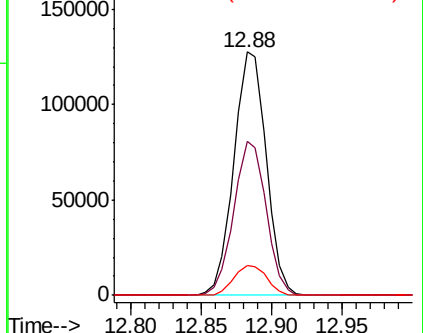
272 12.4 0.0 31.2



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: 80.571 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

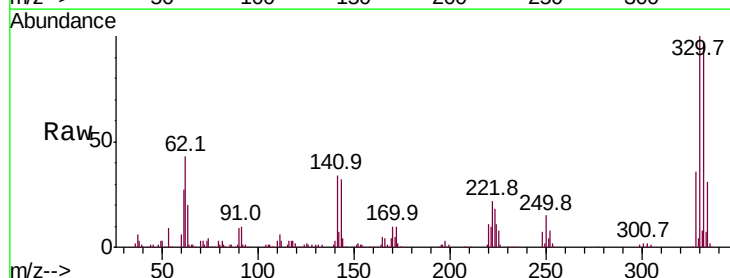
Tgt Ion:330 Resp: 260576

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

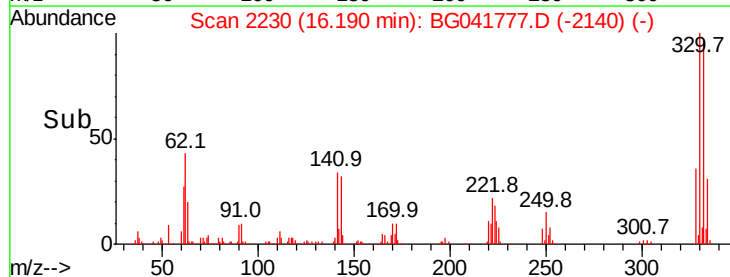
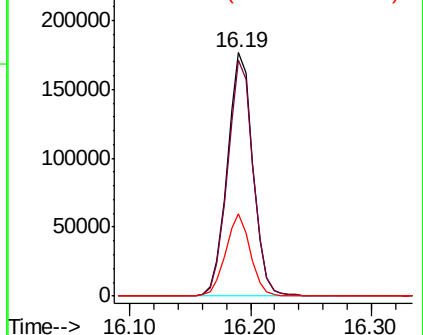
141 32.6 31.9 47.9

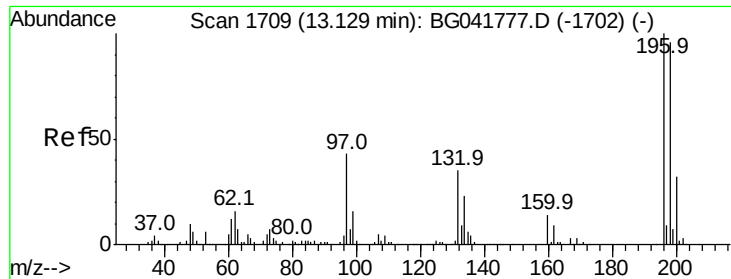


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

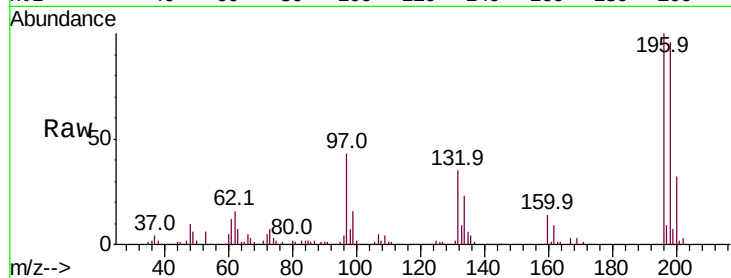




#43
 2,4,6-Trichlorophenol
 Concen: 36.387 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	79.6	119.4
200	32.1	25.2	37.8

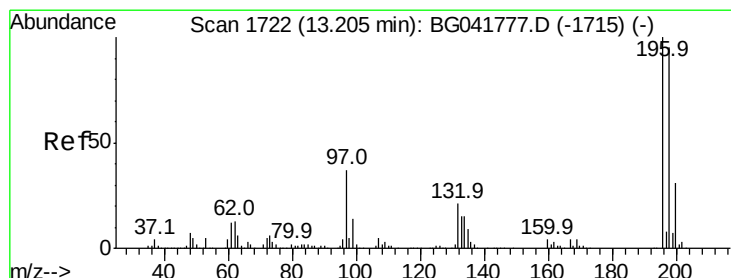
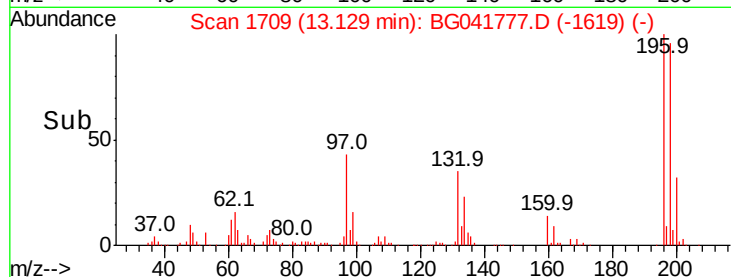
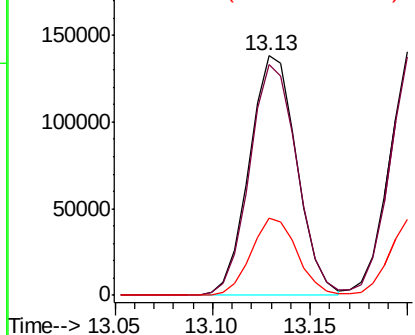


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.496 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	80.6	121.0
97	37.3	33.9	50.9
132	21.5	20.2	30.2

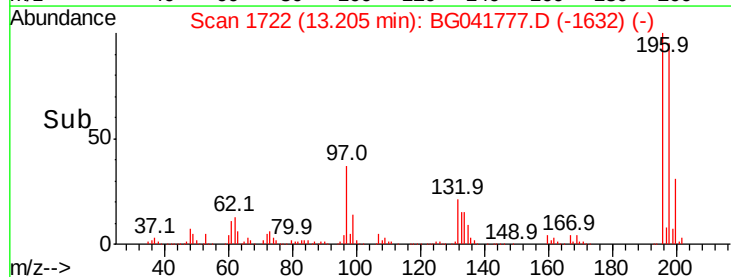
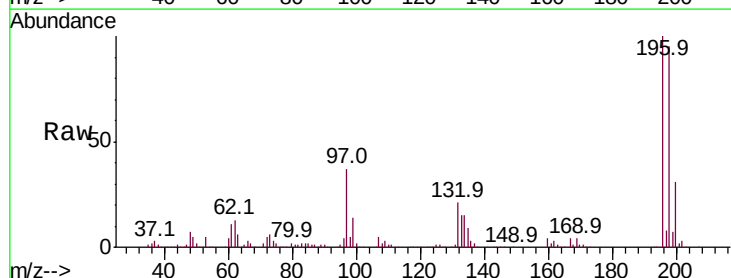
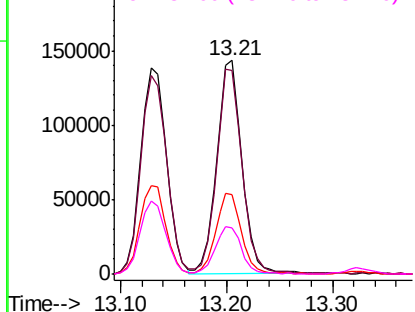
Abundance

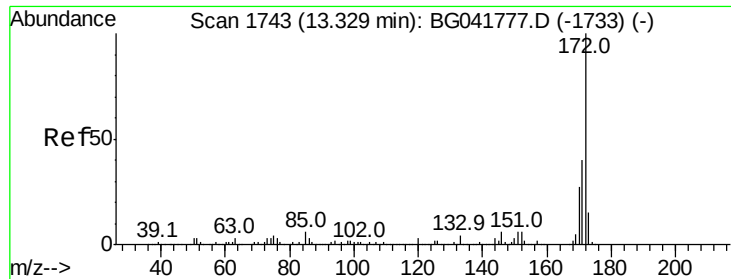
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



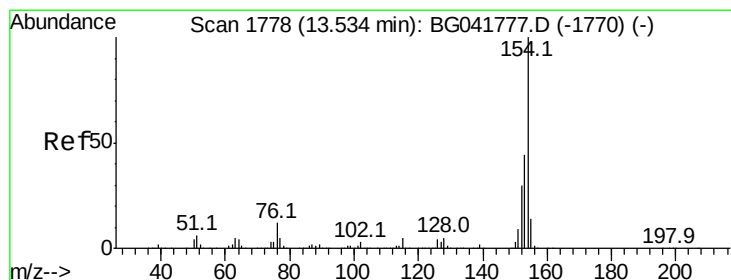
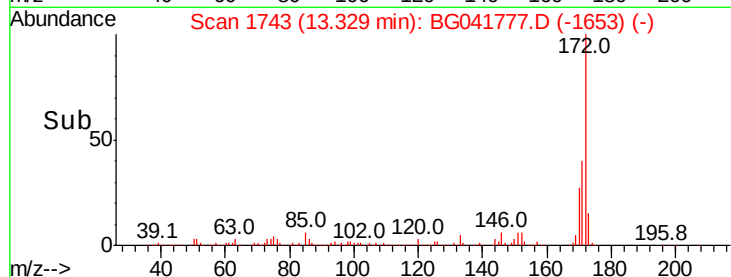
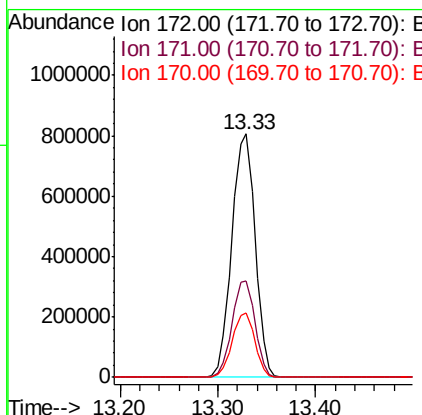
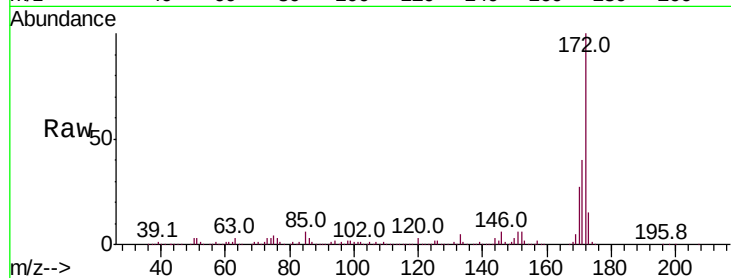


#45
 2-Fluorobiphenyl
 Concen: 72.184 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:172 Resp: 1337726

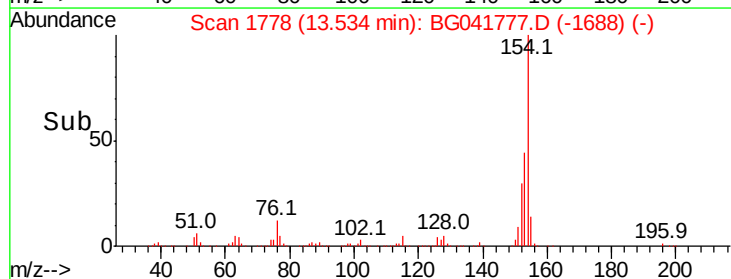
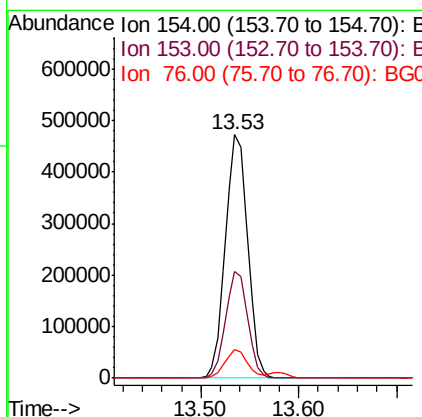
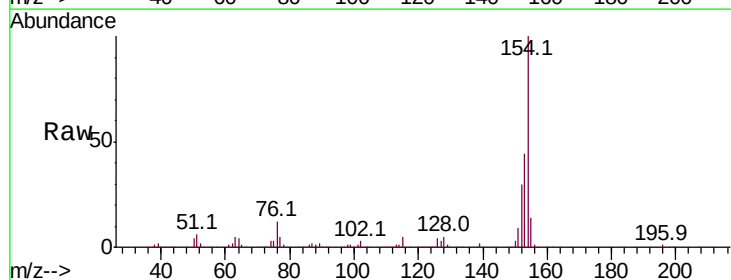
Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.0	52.4
170	26.6	23.5	35.3

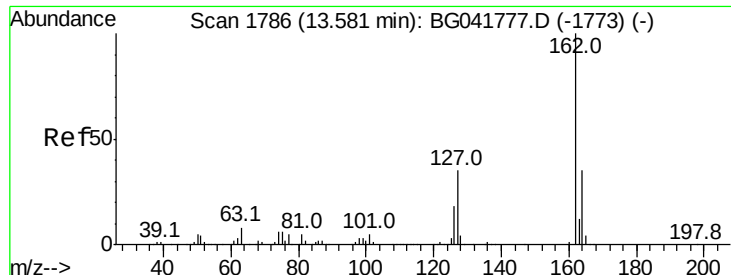


#46
 1,1'-Biphenyl
 Concen: 34.850 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion:154 Resp: 749252

Ion	Ratio	Lower	Upper
154	100		
153	43.9	25.0	65.0
76	12.0	0.0	34.5

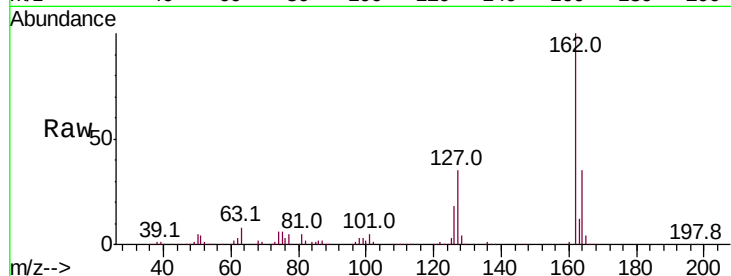




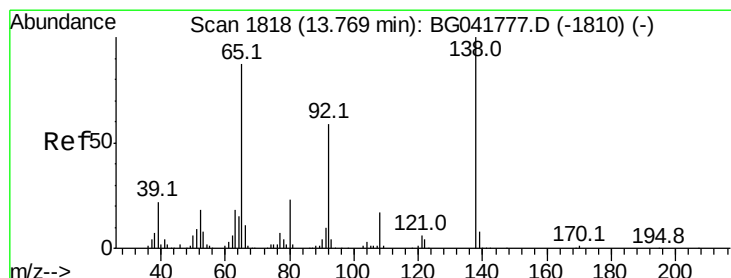
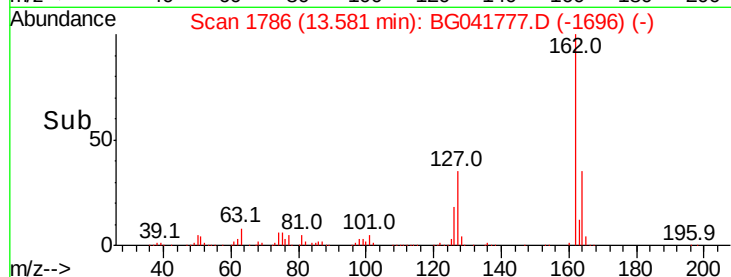
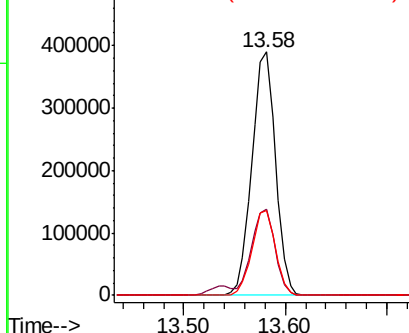
#47
2-Chloronaphthalene
Concen: 35.195 ng
RT: 13.58 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.2	30.4	45.6
164	34.6	28.6	42.8

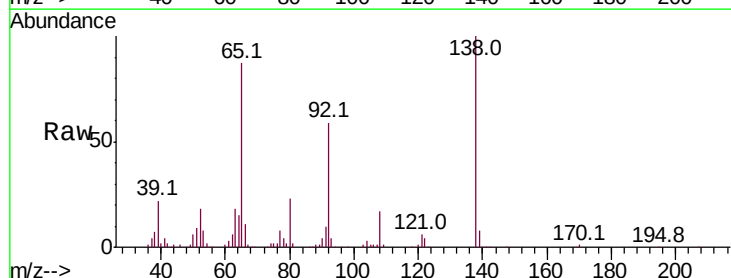


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

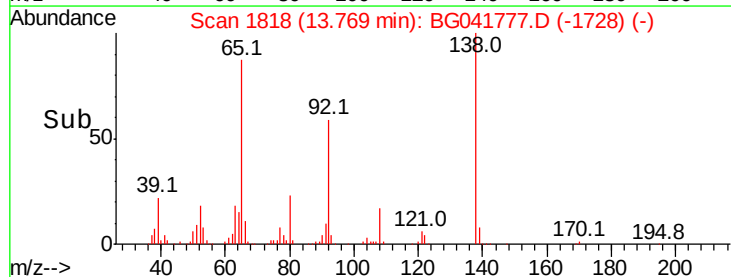
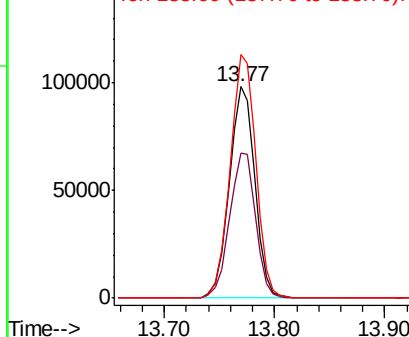


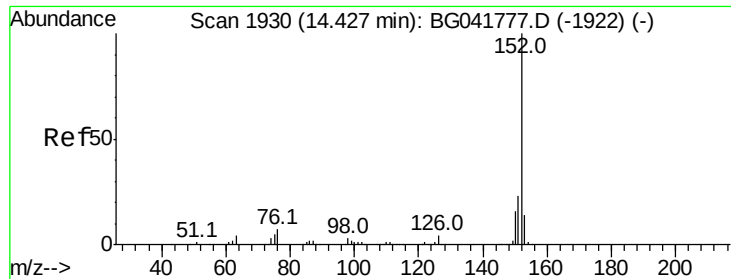
#48
2-Nitroaniline
Concen: 30.516 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.9	80.9
138	115.2	83.5	125.3



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: 34.080 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

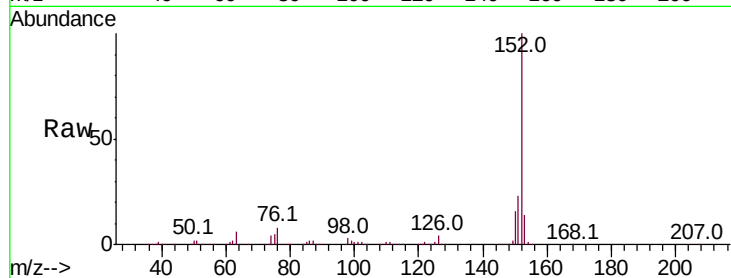
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 953272

Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.7	28.1
153	13.7	12.4	18.6

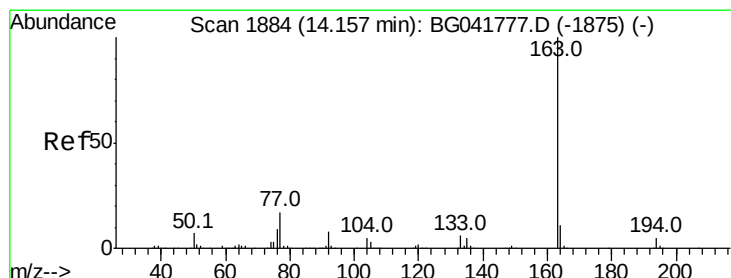
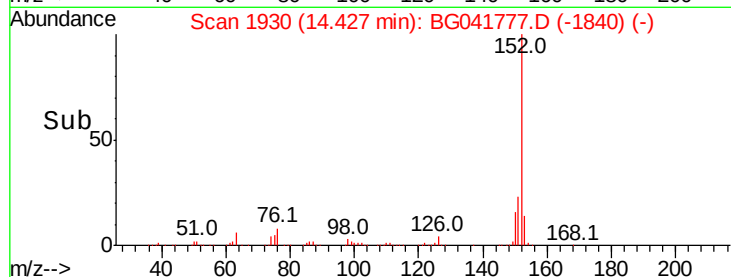
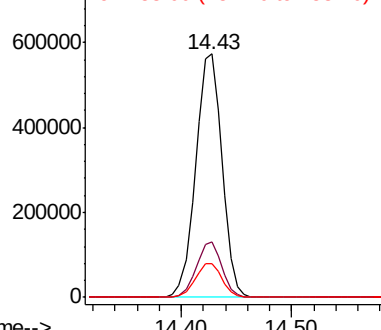


Abundance

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: 35.427 ng

RT: 14.16 min Scan# 1884

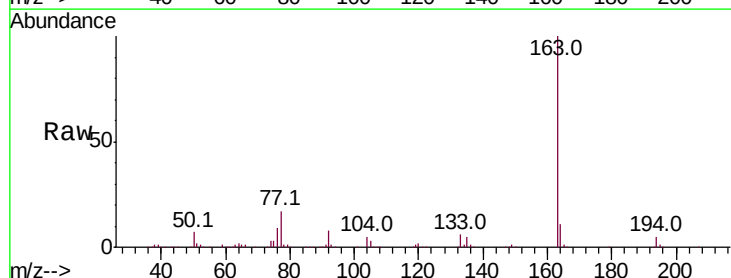
Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Tgt Ion:163 Resp: 798464

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.9	9.4	14.2

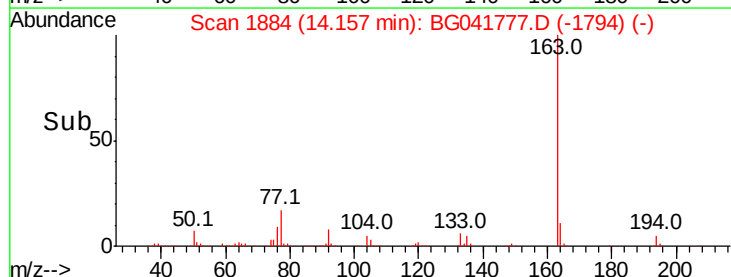
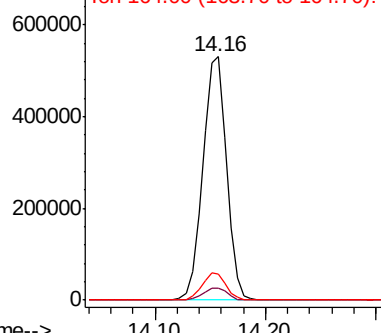


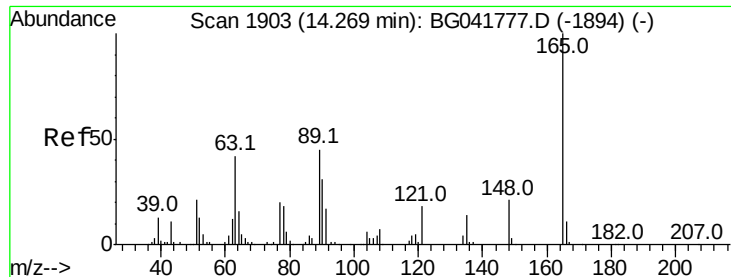
Abundance

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

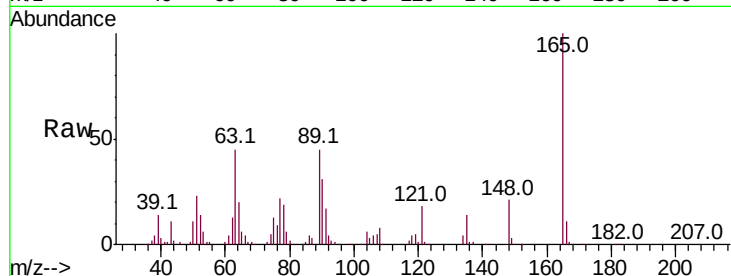




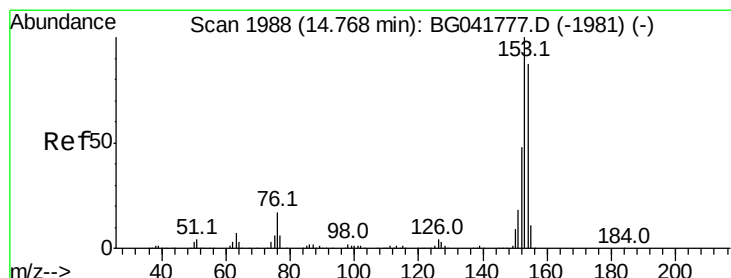
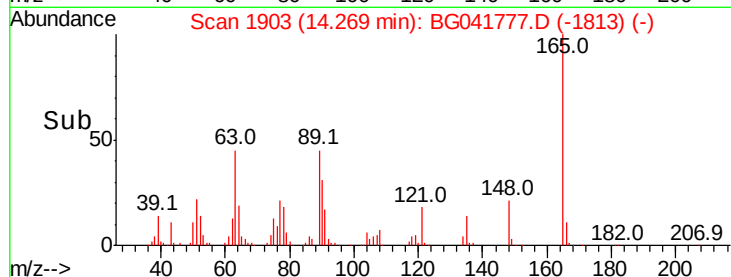
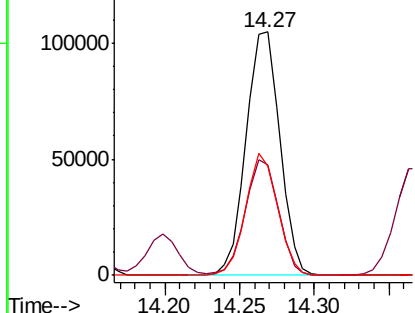
#51
 2,6-Dinitrotoluene
 Concen: 34.266 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:165 Resp: 163814
 Ion Ratio Lower Upper
 165 100
 63 45.5 42.4 63.6
 89 44.9 42.1 63.1

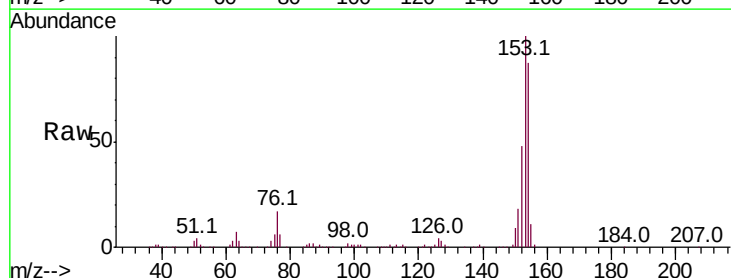


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

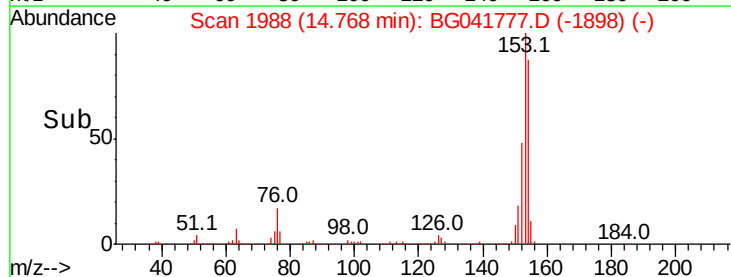
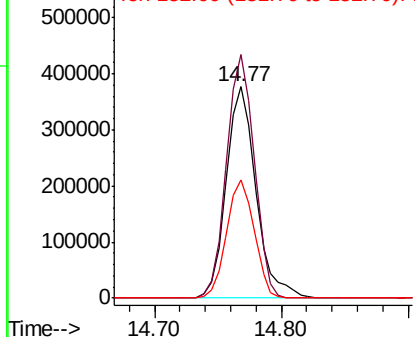


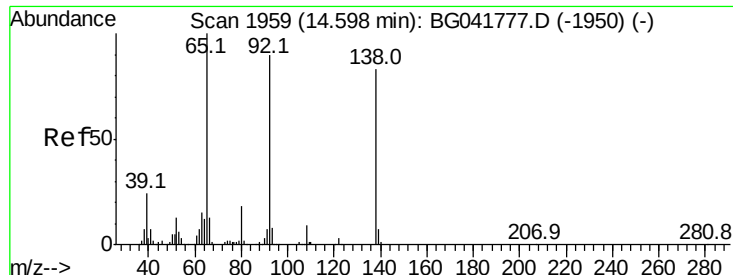
#52
 Acenaphthene
 Concen: 34.688 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion:154 Resp: 611463
 Ion Ratio Lower Upper
 154 100
 153 115.2 89.8 134.6
 152 55.7 44.9 67.3



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: 33.618 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

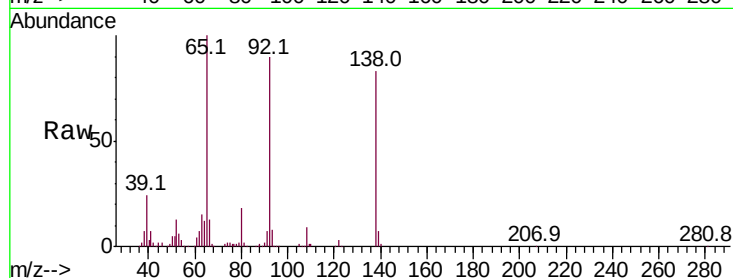
Tot Ion:138 Resp: 175443

Ion Ratio Lower Upper

138 100

108 11.0 10.3 15.5

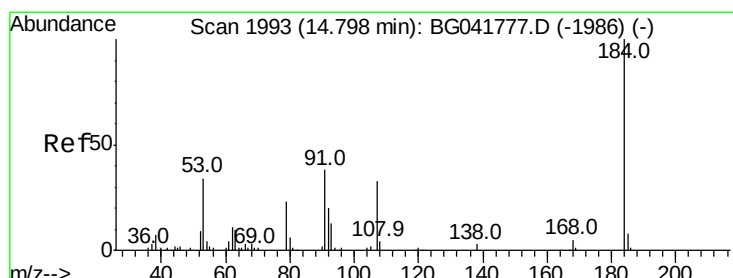
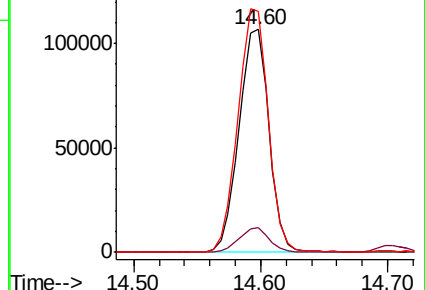
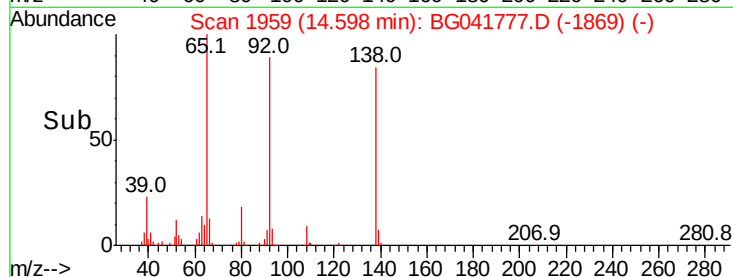
92 108.1 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 37.427 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

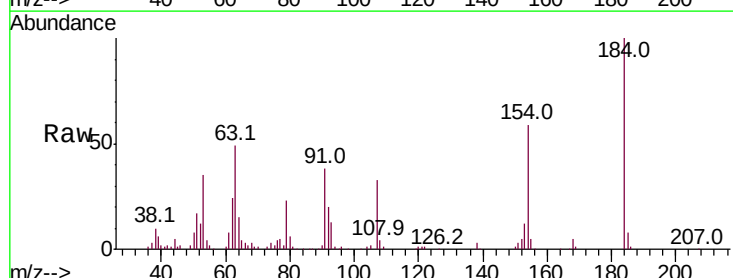
Tgt Ion:184 Resp: 77334

Ion Ratio Lower Upper

184 100

63 49.4 43.2 64.8

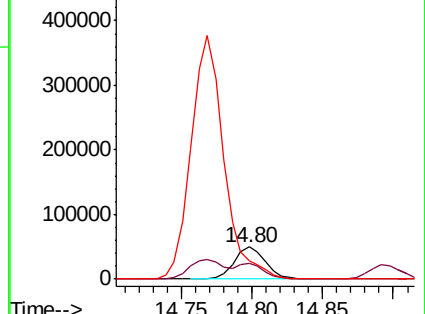
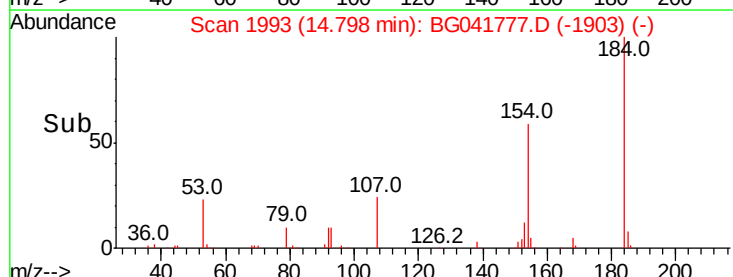
154 58.6 51.4 77.2

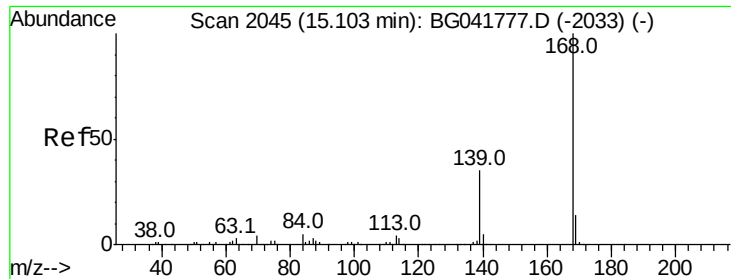


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

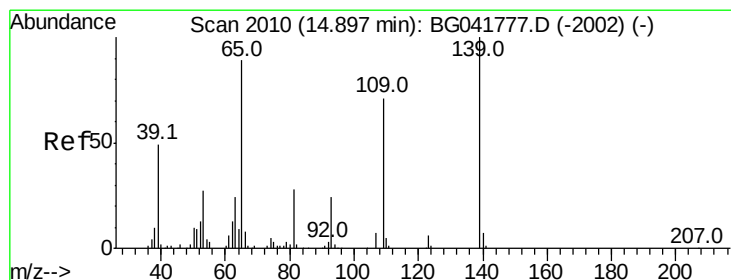
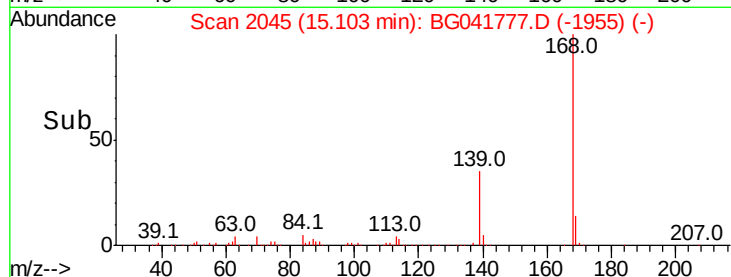
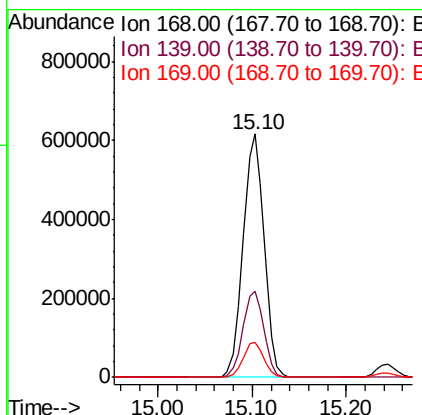
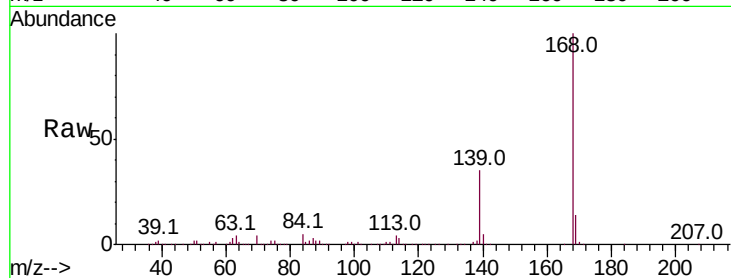




#55
Dibenzenofuran
Concen: 35.896 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

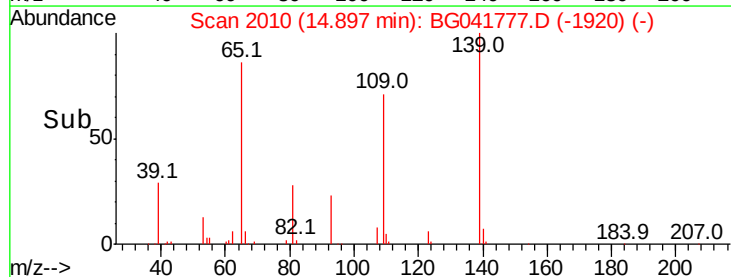
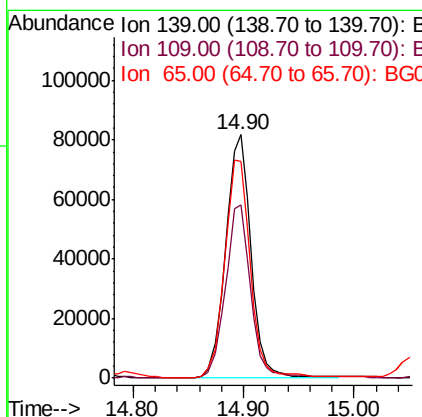
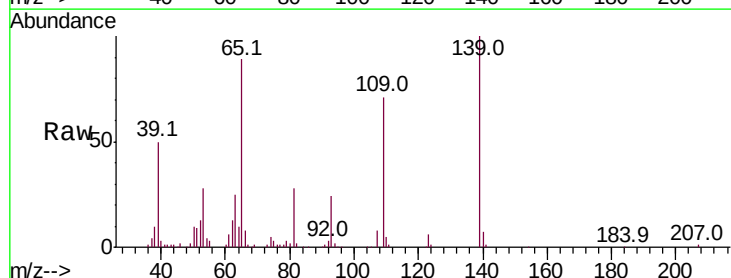
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

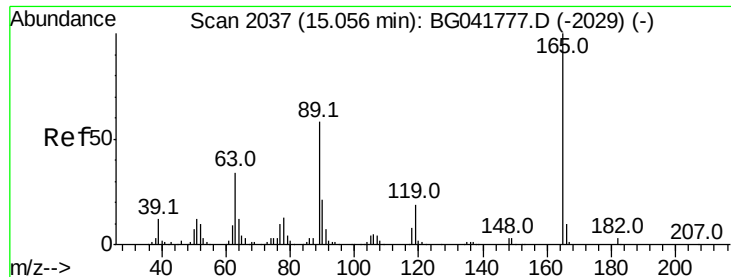
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.3	31.9	47.9
169	14.4	12.5	18.7



#56
4-Nitrophenol
Concen: 31.259 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.3	51.3	91.3
65	89.3	77.6	117.6

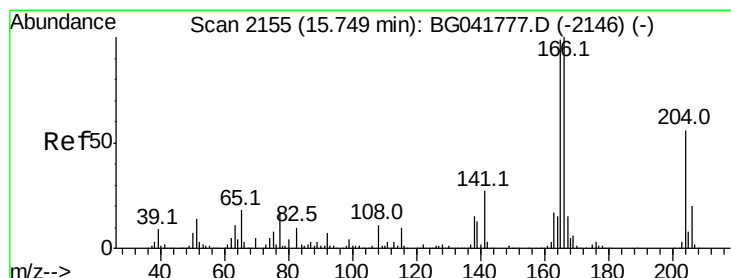
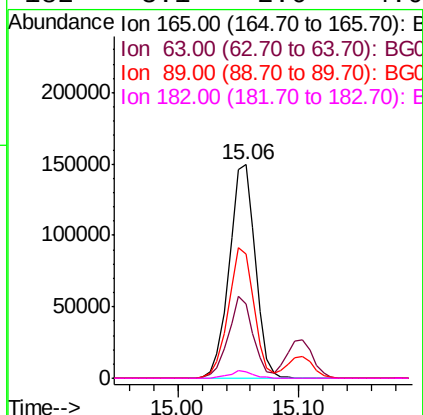
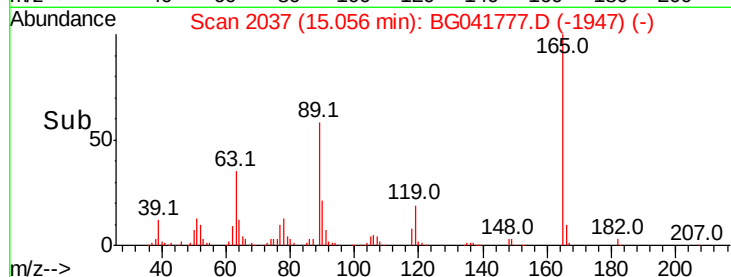
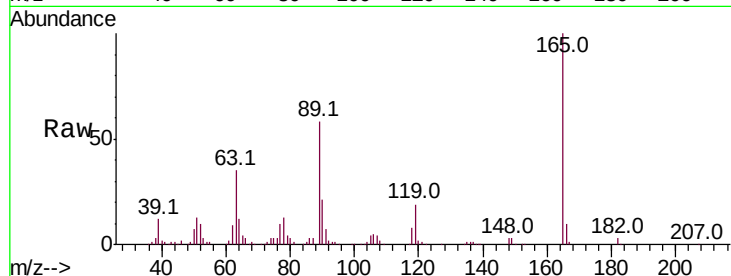




#57
2,4-Dinitrotoluene
Concen: 35.455 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

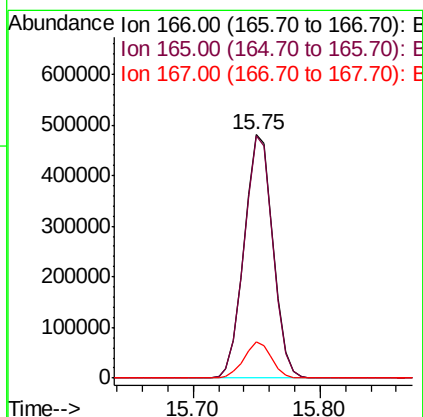
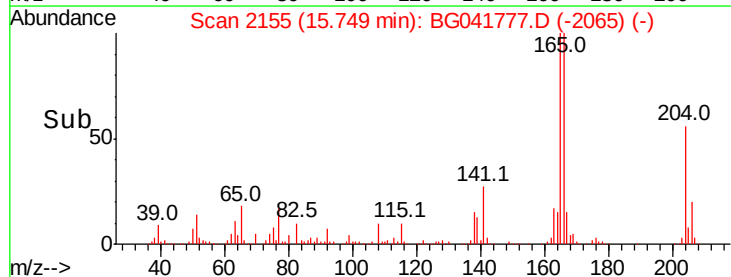
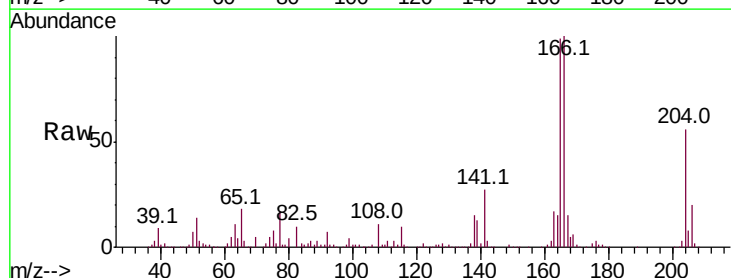
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

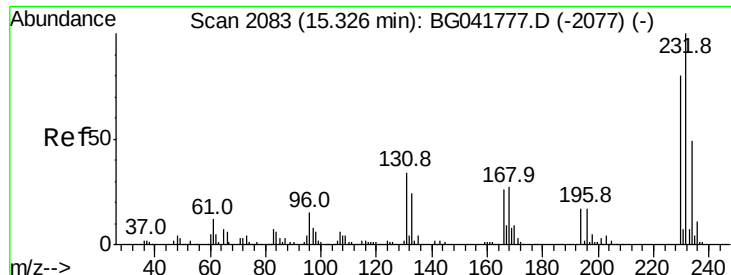
Tot Ion:165 Resp: 224056
Ion Ratio Lower Upper
165 100
63 34.7 31.7 47.5
89 58.4 50.2 75.4
182 3.1 2.6 4.0



#58
Fluorene
Concen: 35.242 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion:166 Resp: 758519
Ion Ratio Lower Upper
166 100
165 99.3 80.5 120.7
167 14.9 12.4 18.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.163 ng

RT: 15.33 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:232 Resp: 237090

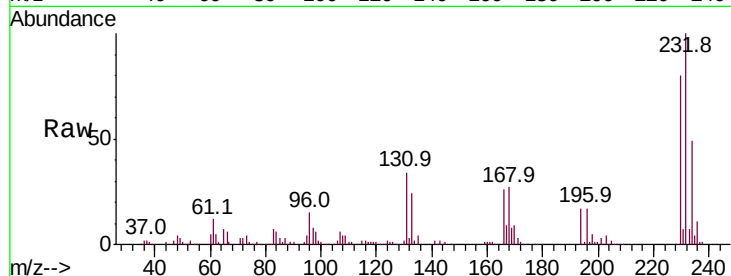
Ion Ratio Lower Upper

232 100

131 34.1 31.8 47.6

130 2.0 1.8 2.8

166 26.7 23.5 35.3

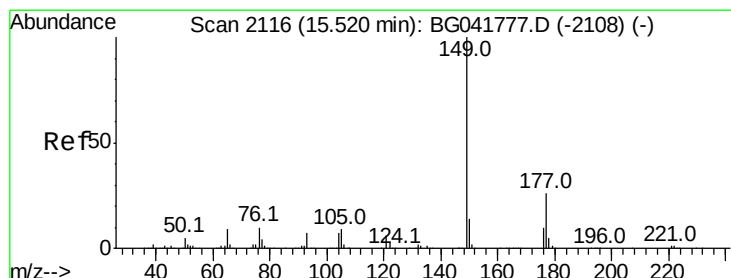
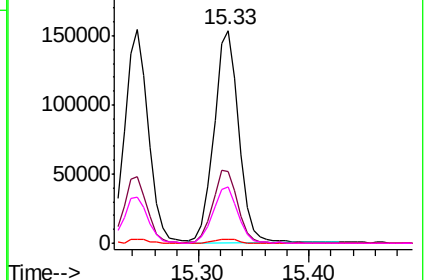
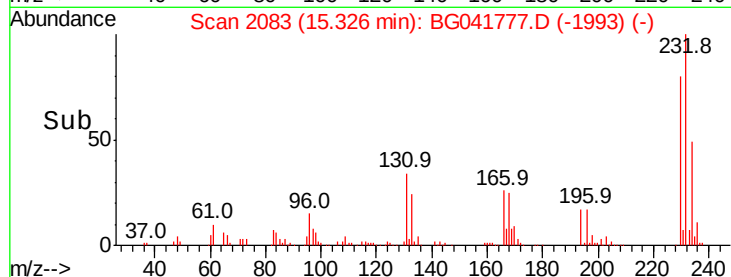


Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.413 ng

RT: 15.52 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

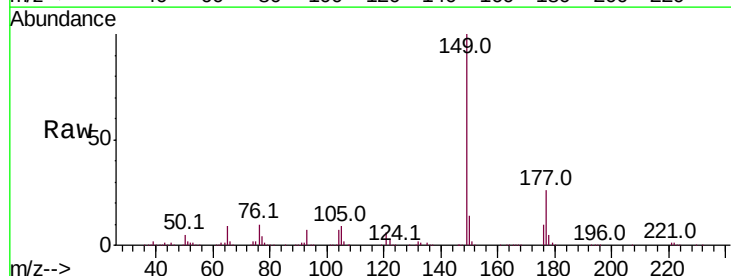
Tgt Ion:149 Resp: 781374

Ion Ratio Lower Upper

149 100

177 26.2 20.7 31.1

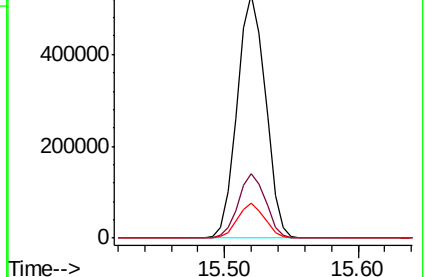
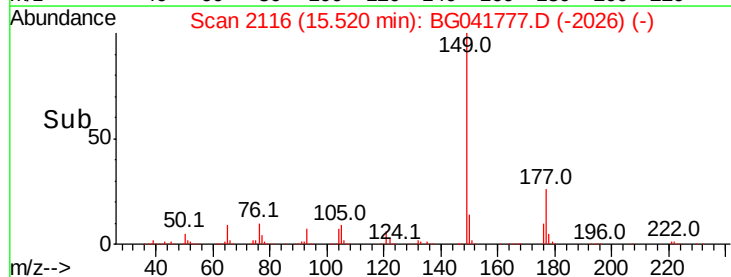
150 14.4 11.5 17.3

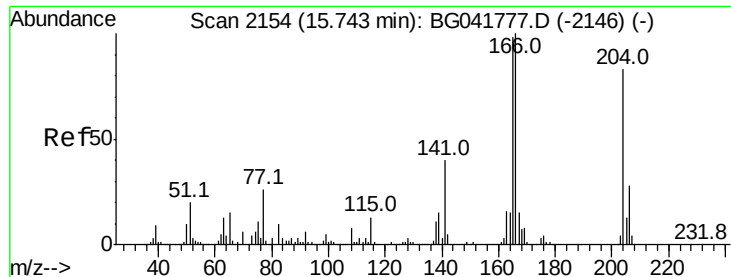


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

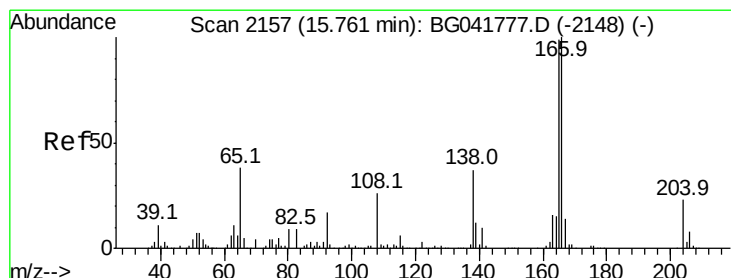
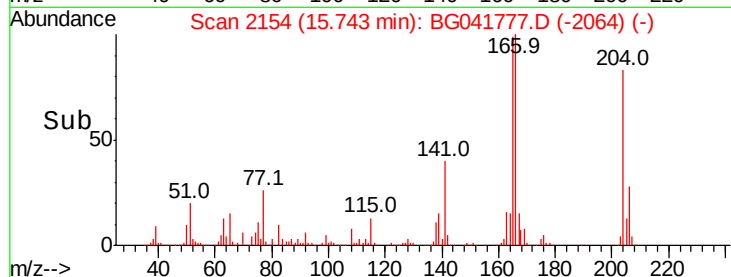
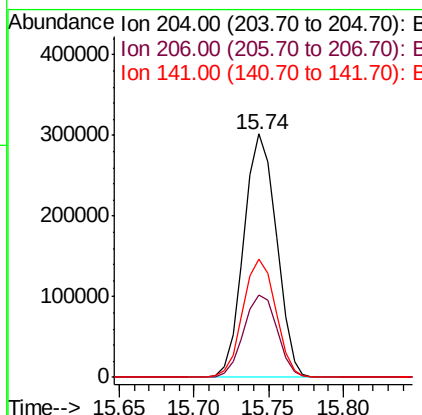
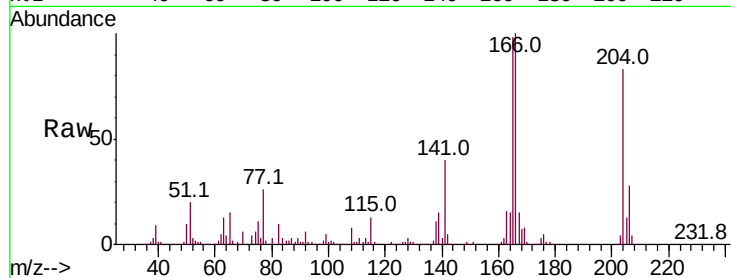




#61
 4-Chlorophenyl-phenylether
 Concen: 37.628 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

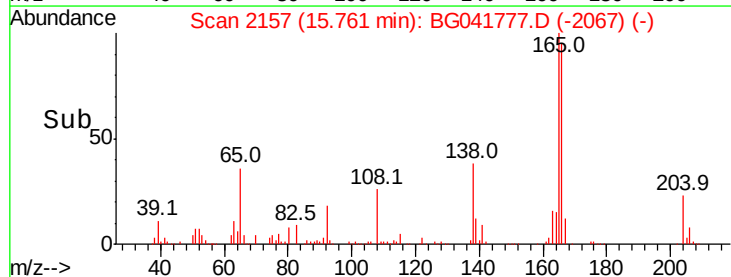
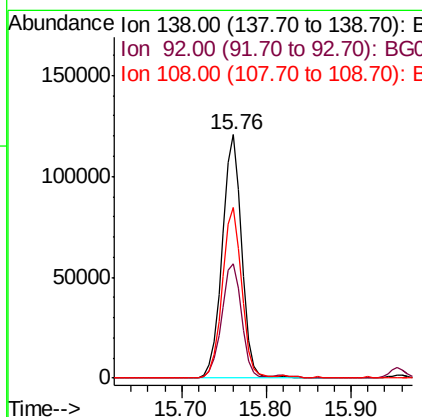
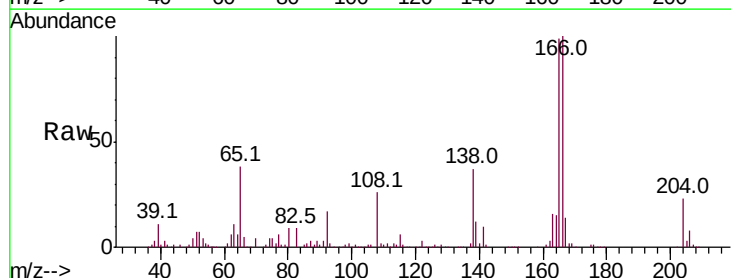
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

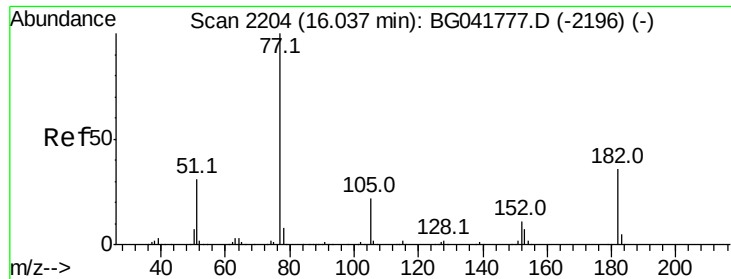
Tot Ion:204 Resp: 457792
 Ion Ratio Lower Upper
 204 100
 206 33.7 28.6 42.8
 141 48.5 42.9 64.3



#62
 4-Nitroaniline
 Concen: 34.692 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion:138 Resp: 192013
 Ion Ratio Lower Upper
 138 100
 92 46.7 29.8 69.8
 108 70.1 52.2 92.2





#63

Azobenzene

Concen: 30.838 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 633024

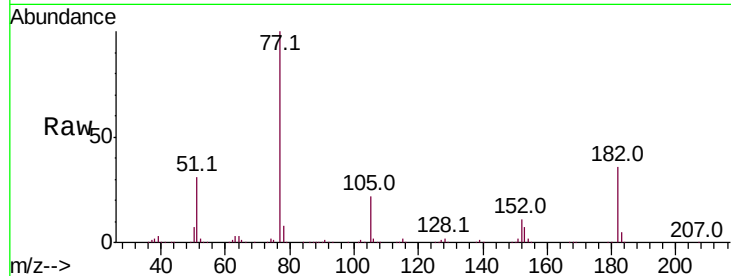
Ion Ratio Lower Upper

77 100

182 35.6 13.2 53.2

105 21.9 2.2 42.2

51 30.7 14.6 54.6

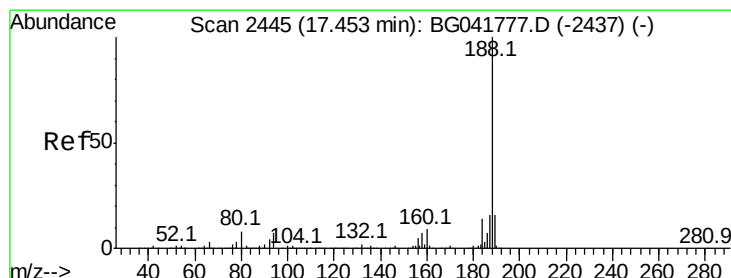
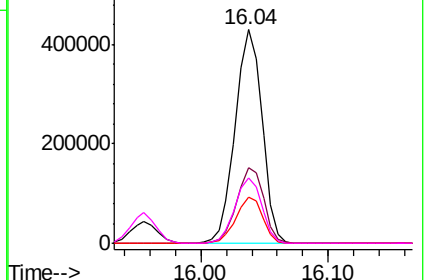
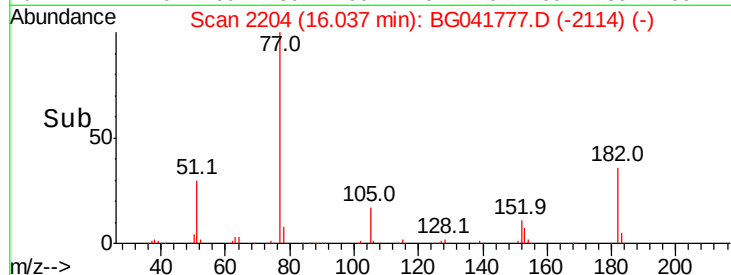


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

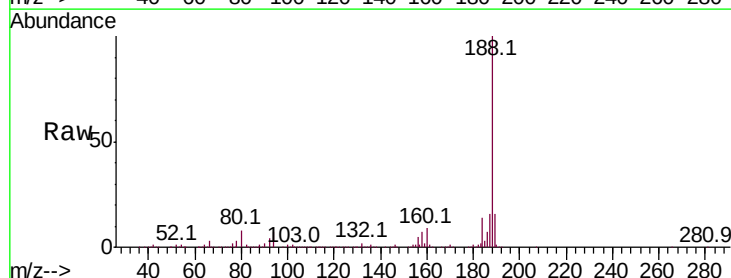
Tgt Ion: 188 Resp: 635798

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

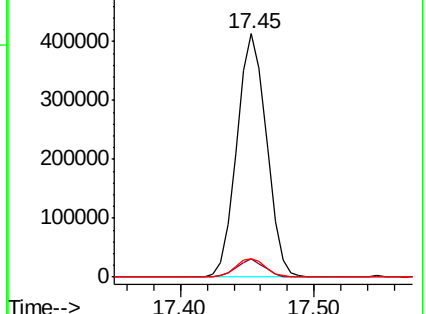
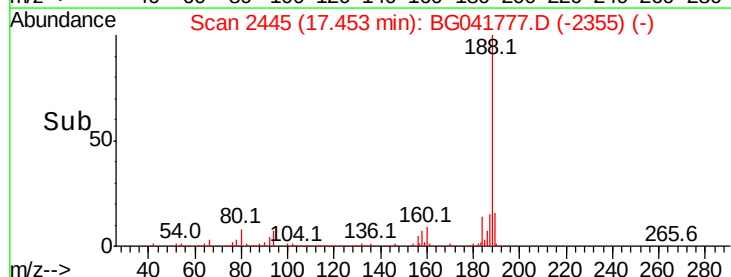
80 7.7 8.0 12.0#

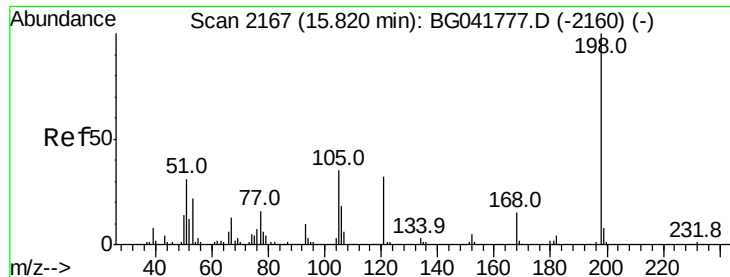


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.639 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

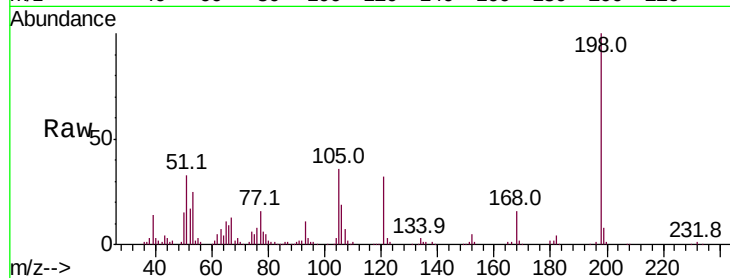
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:198 Resp: 111007

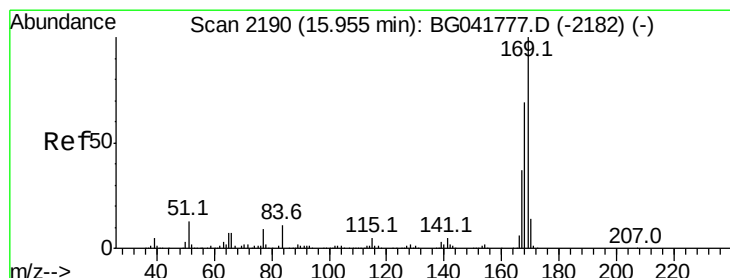
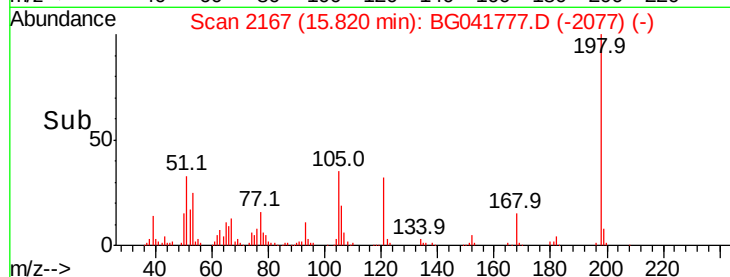
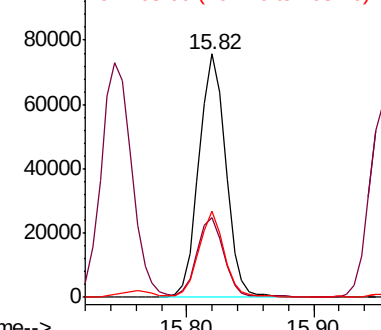
Ion	Ratio	Lower	Upper
198	100		
51	32.9	22.3	62.3
105	35.6	18.0	58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041777.D (-2160) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.244 ng

RT: 15.96 min Scan# 2190

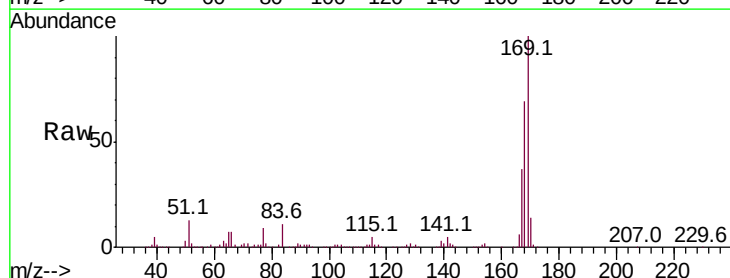
Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Tgt Ion:169 Resp: 695379

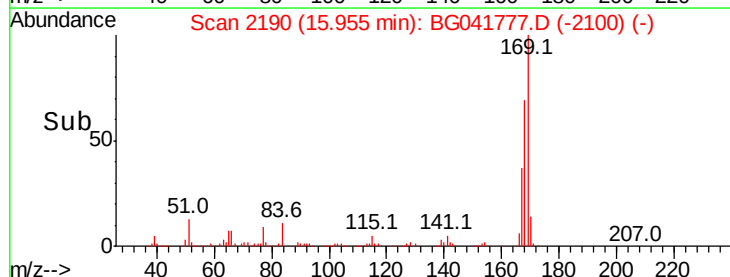
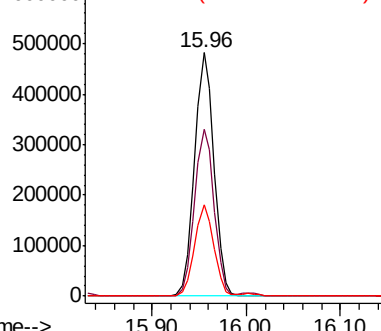
Ion	Ratio	Lower	Upper
169	100		
168	68.7	56.9	85.3
167	37.3	31.5	47.3

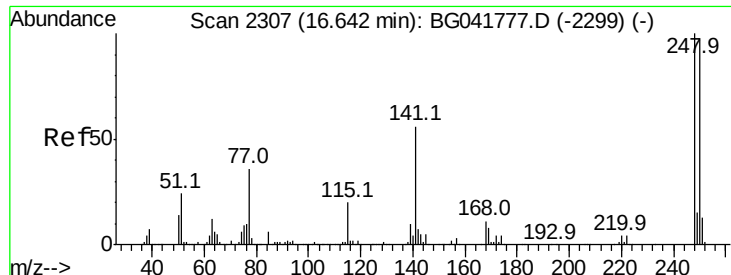


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

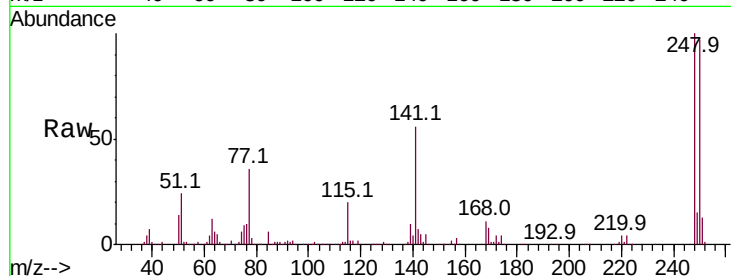




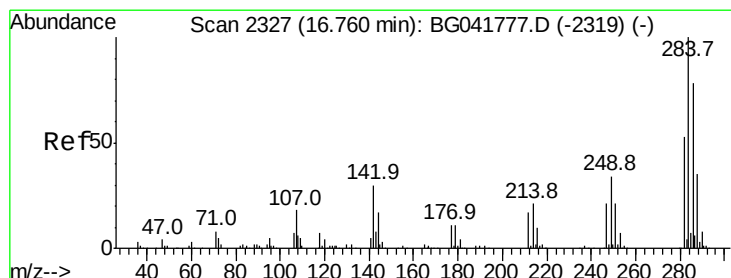
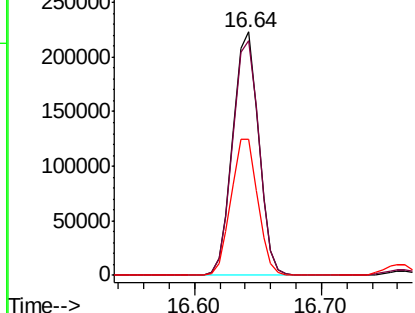
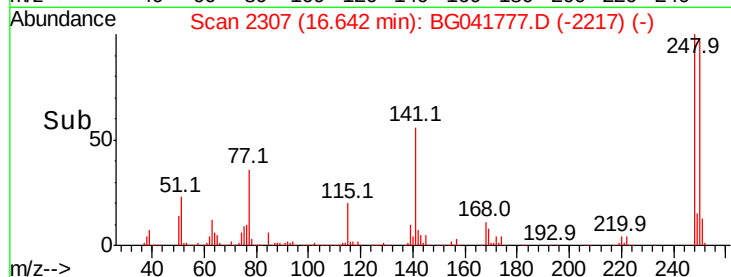
#67
 4-Bromophenyl-phenylether
 Concen: 41.569 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:248 Resp: 314479
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.1 117.1
 141 55.9 49.6 74.4

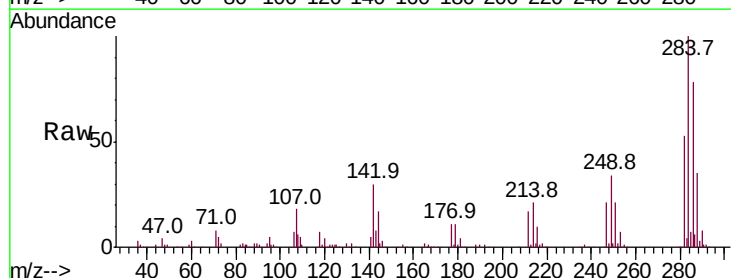


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

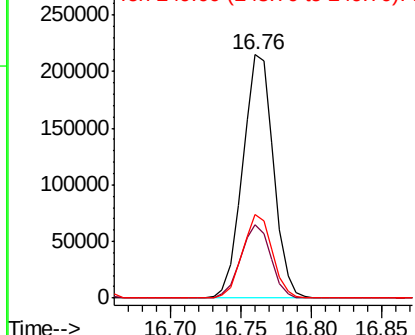
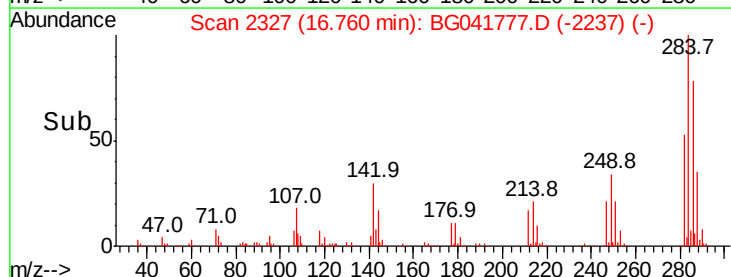


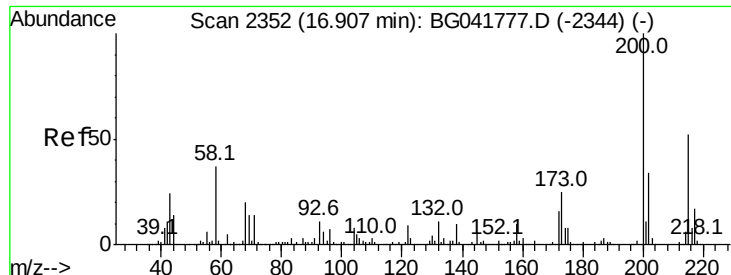
#68
 Hexachlorobenzene
 Concen: 42.809 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion:284 Resp: 326122
 Ion Ratio Lower Upper
 284 100
 142 30.4 27.0 40.6
 249 34.3 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.598 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

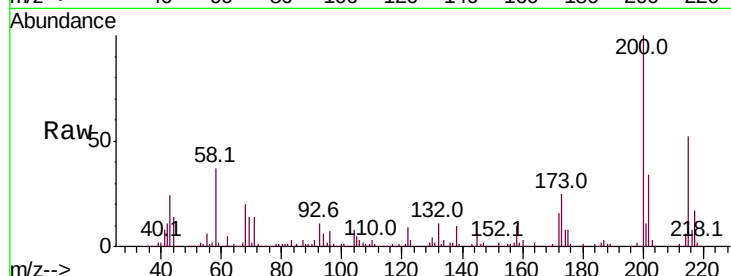
Tot Ion:200 Resp: 275080

Ion Ratio Lower Upper

200 100

173 24.7 5.3 45.3

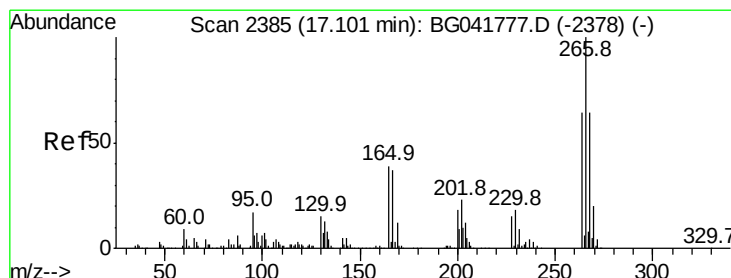
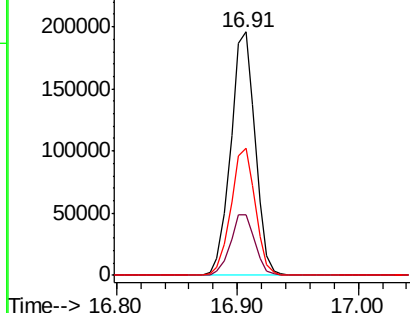
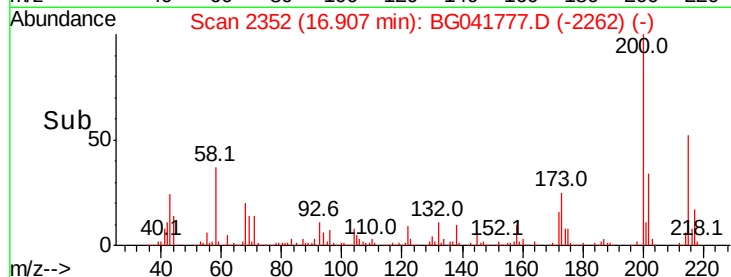
215 52.0 31.8 71.8



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: 38.896 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

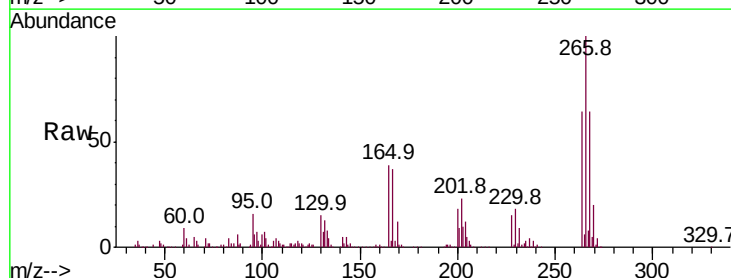
Tgt Ion:266 Resp: 185272

Ion Ratio Lower Upper

266 100

268 64.1 52.9 79.3

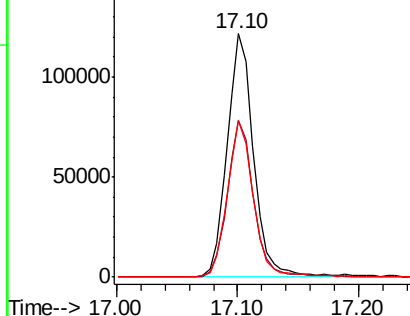
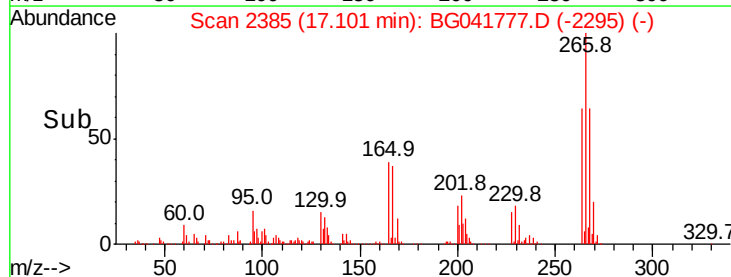
264 64.3 51.4 77.2

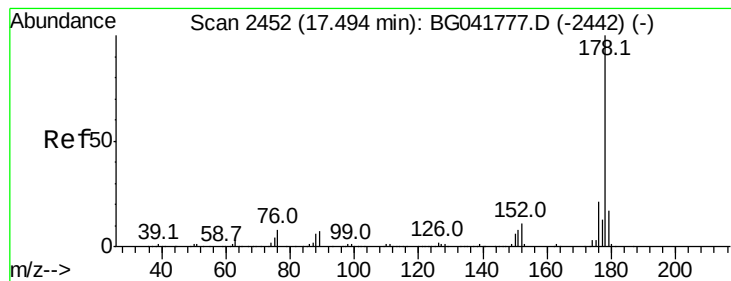


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.838 ng

RT: 17.49 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

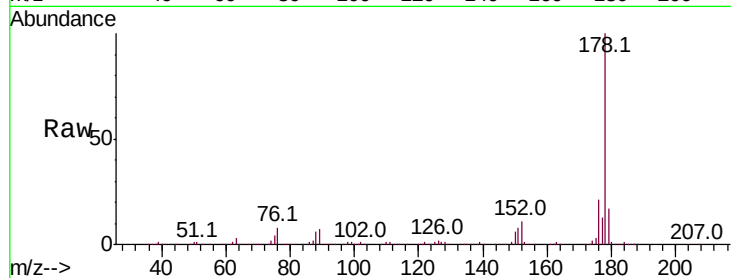
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1243561

Ion	Ratio	Lower	Upper
178	100		
176	21.0	18.6	28.0
179	17.4	15.4	23.0

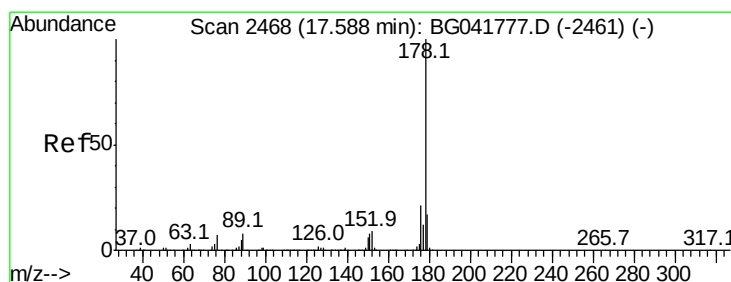
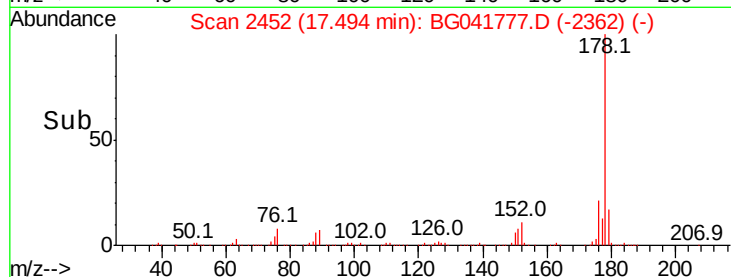
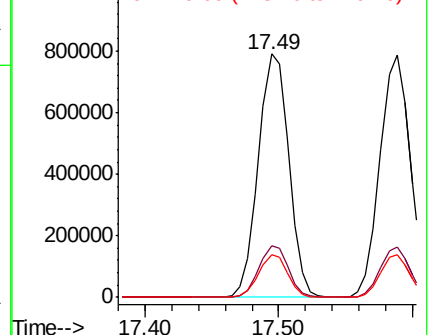


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.712 ng

RT: 17.59 min Scan# 2468

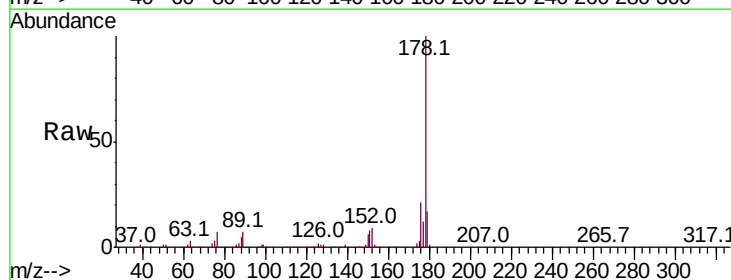
Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Tgt Ion:178 Resp: 1235543

Ion	Ratio	Lower	Upper
178	100		
176	20.5	18.6	28.0
179	17.5	15.1	22.7

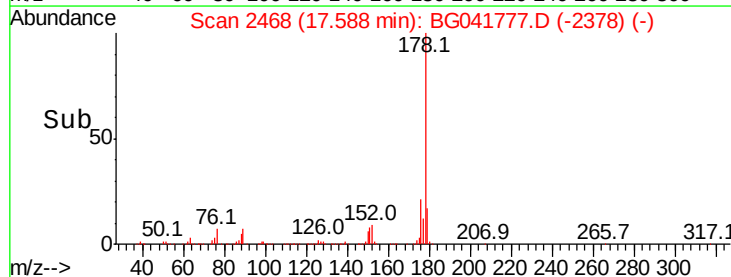
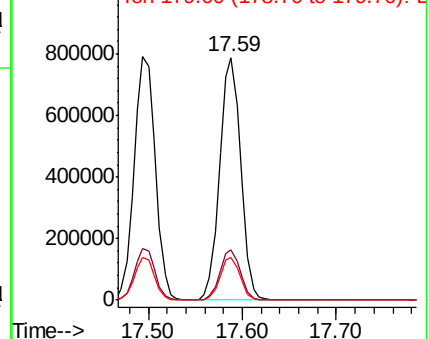


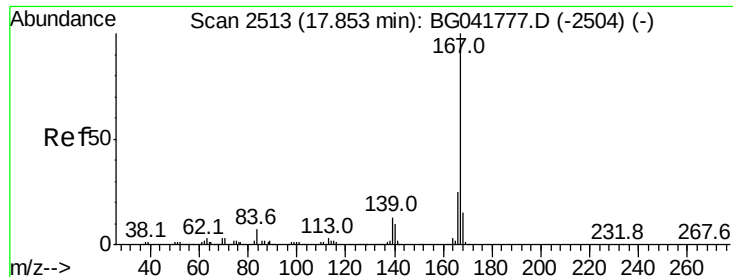
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



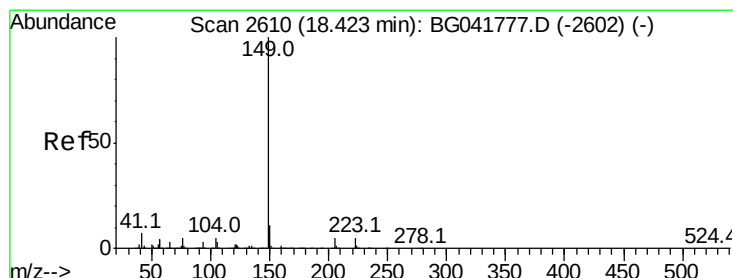
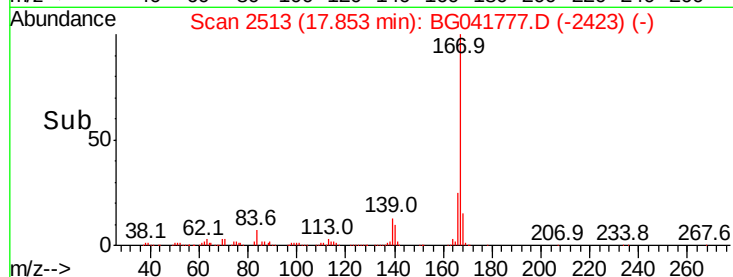
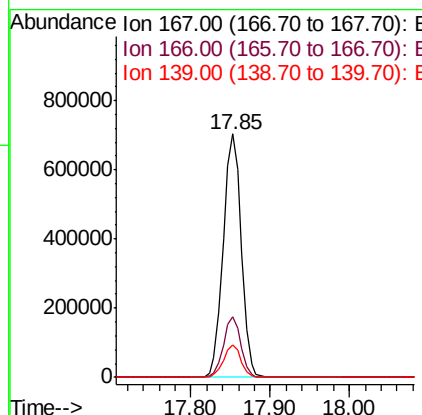
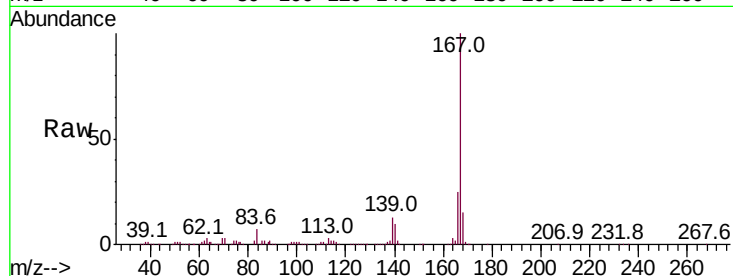


#73
 Carbazole
 Concen: 37.443 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:167 Resp: 1108309

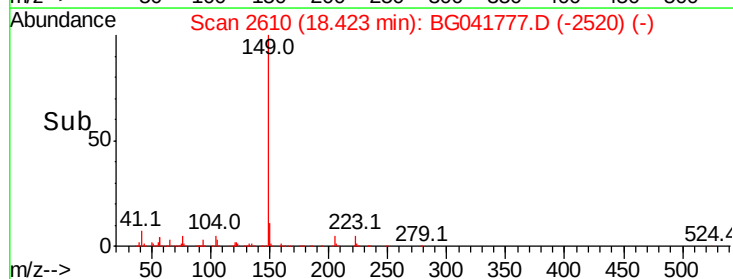
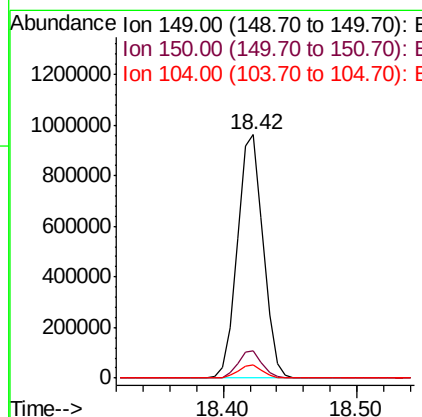
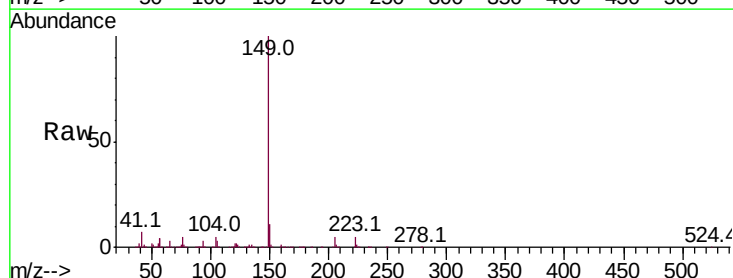
Ion	Ratio	Lower	Upper
167	100		
166	25.0	21.4	32.2
139	13.2	12.1	18.1

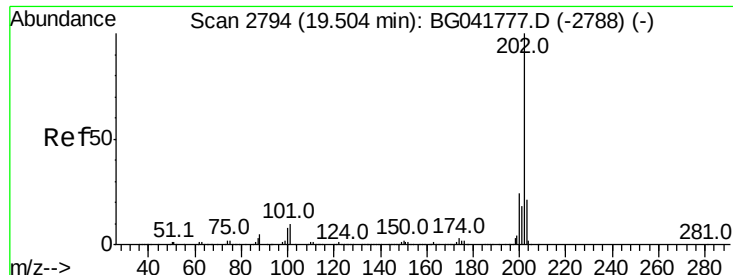


#74
 Di-n-butylphthalate
 Concen: 35.463 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion:149 Resp: 1280297

Ion	Ratio	Lower	Upper
149	100		
150	11.0	10.2	15.2
104	5.4	5.3	7.9





#75

Fluoranthene

Concen: 38.442 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

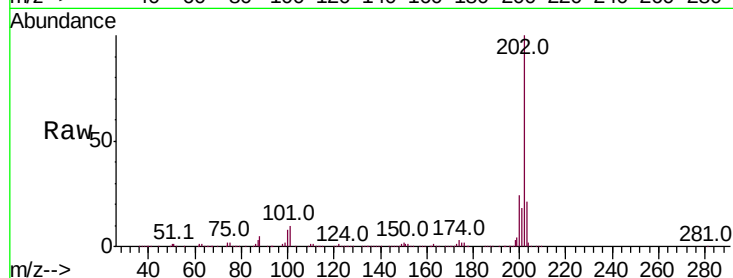
Tot Ion:202 Resp: 1511395

Ion Ratio Lower Upper

202 100

101 10.1 0.0 32.8

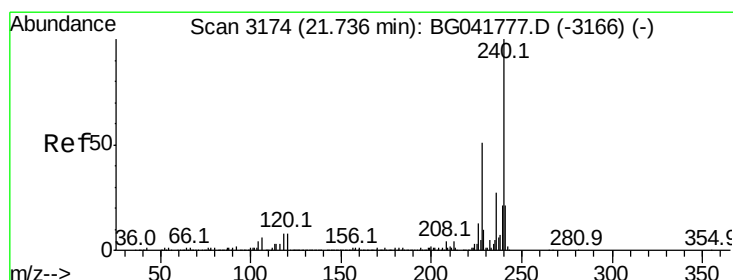
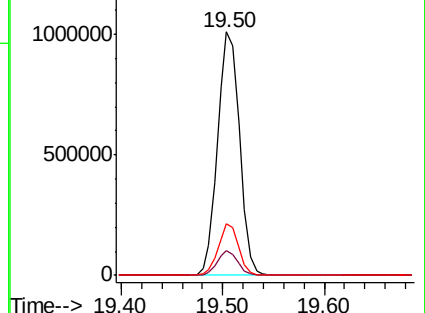
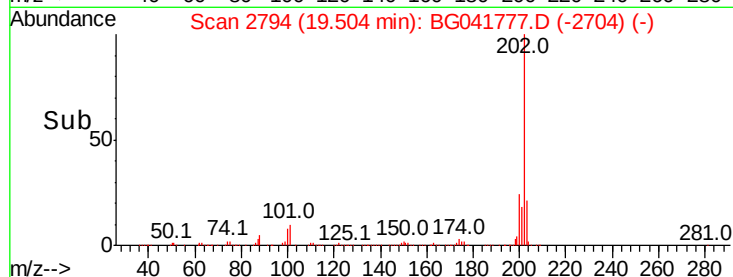
203 21.3 3.7 43.7



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

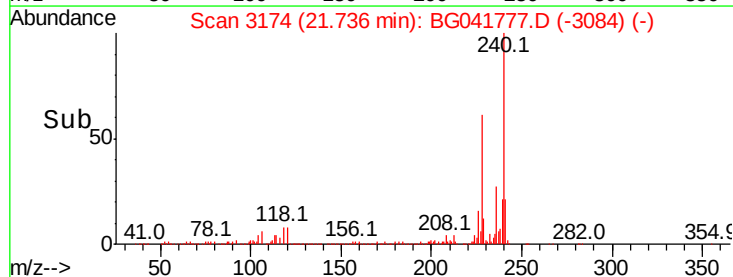
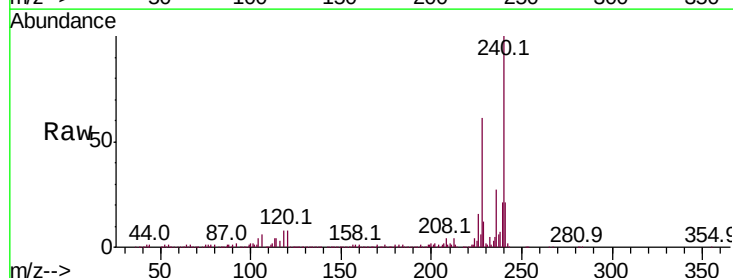
Tgt Ion:240 Resp: 611417

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

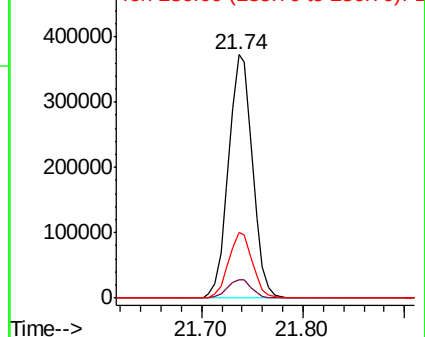
236 27.2 22.6 33.8

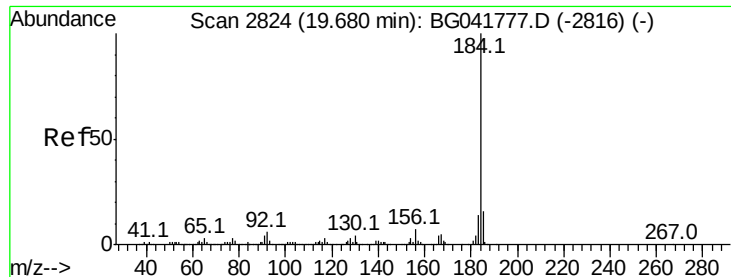


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.139 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

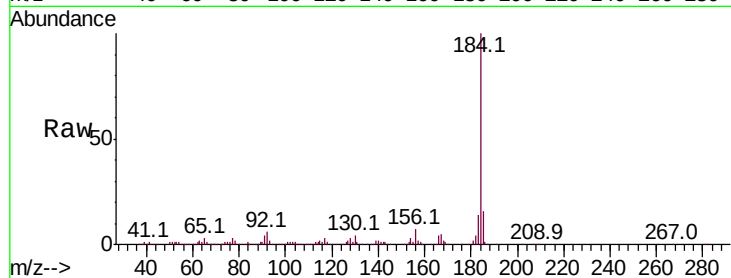
Tot Ion:184 Resp: 847264

Ion Ratio Lower Upper

184 100

185 16.0 13.0 19.4

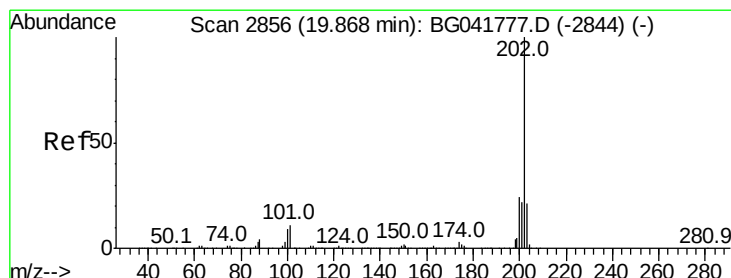
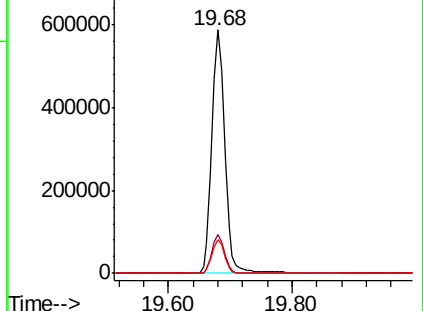
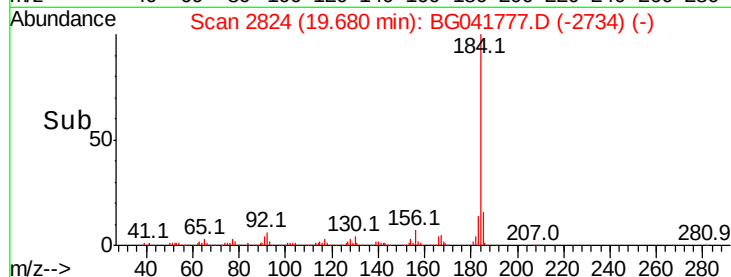
183 13.6 11.8 17.6



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: 36.597 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

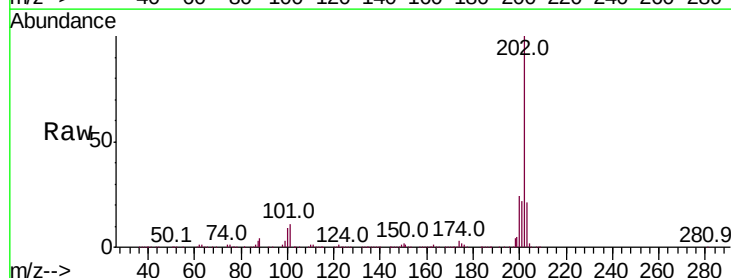
Tgt Ion:202 Resp: 1513356

Ion Ratio Lower Upper

202 100

200 24.4 22.2 33.2

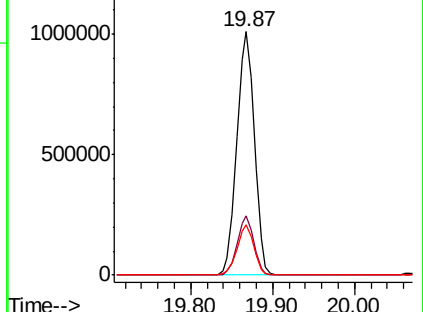
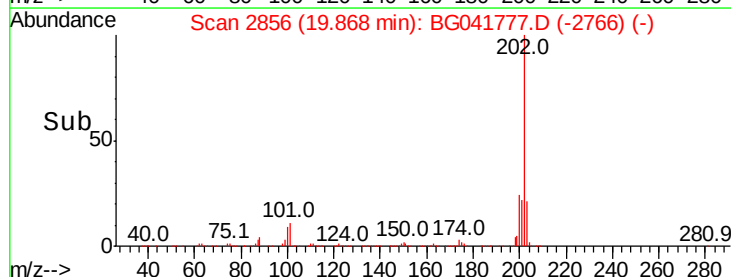
203 20.7 18.9 28.3

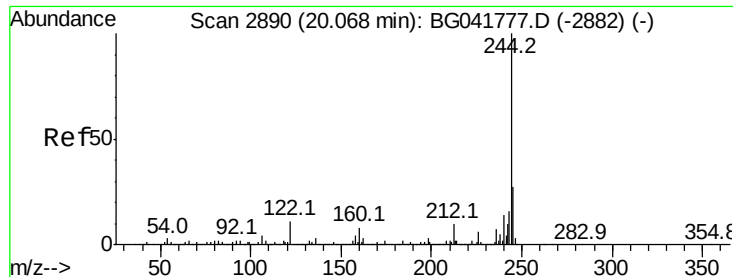


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



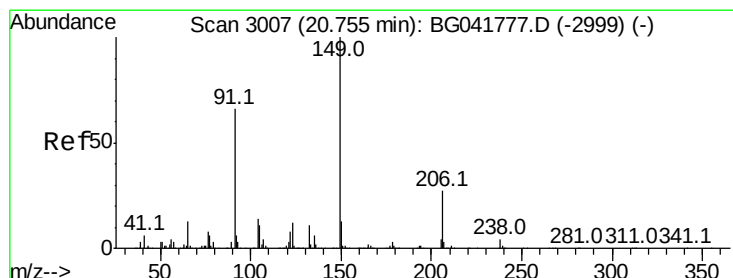
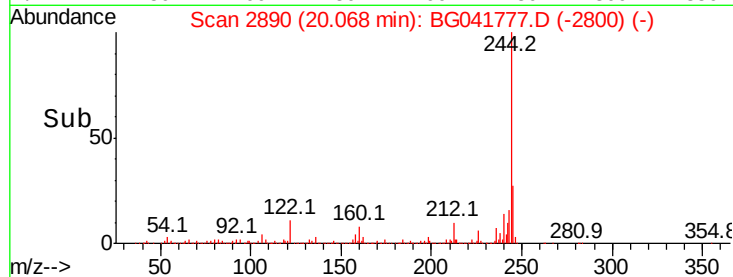
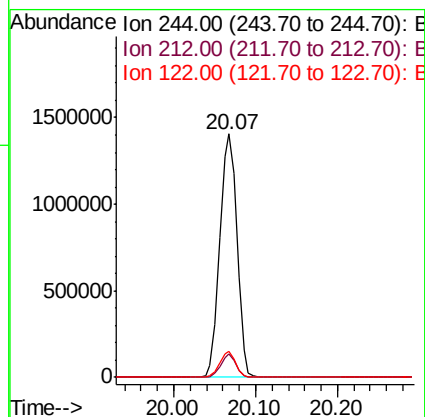
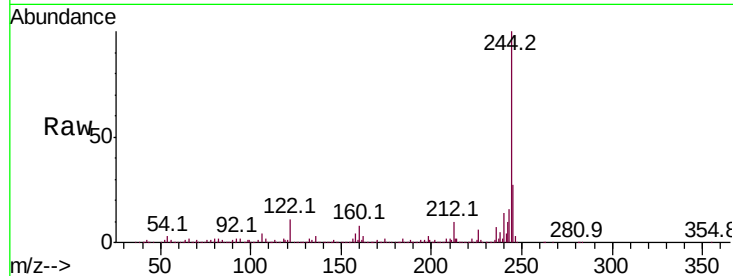


#79
 Terphenyl-d14
 Concen: 78.866 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:244 Resp: 2063442

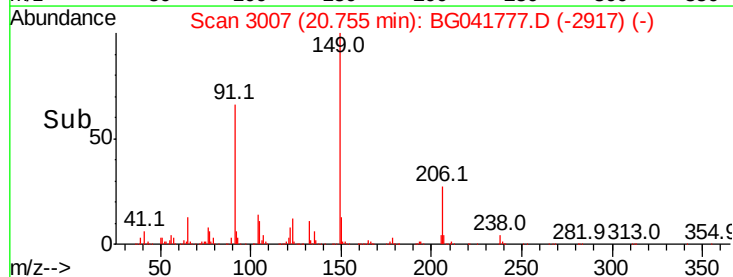
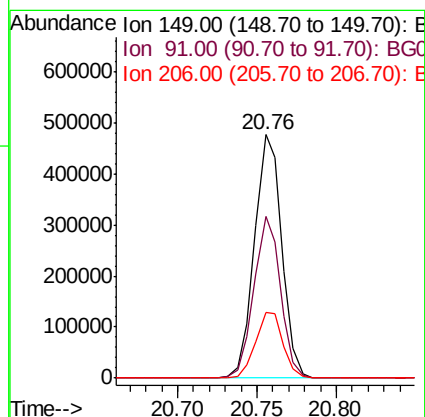
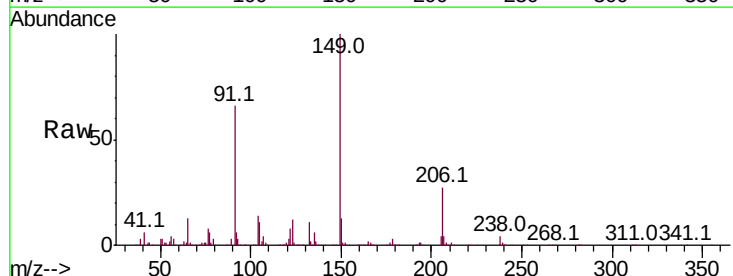
Ion	Ratio	Lower	Upper
244	100		
212	9.6	9.7	14.5#
122	10.9	12.5	18.7#

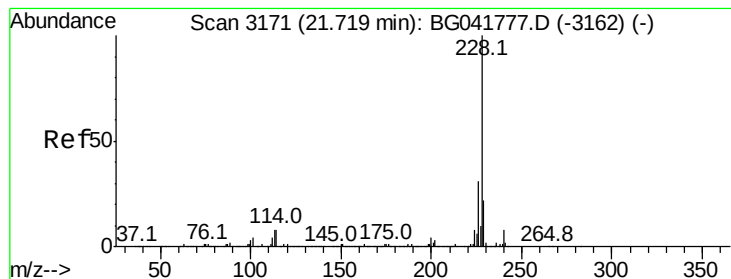


#80
 Butylbenzylphthalate
 Concen: 33.154 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041777.D
 Acq: 27 Jul 2019 15:07

Tgt Ion:149 Resp: 569700

Ion	Ratio	Lower	Upper
149	100		
91	66.3	58.9	88.3
206	26.8	20.8	31.2





#81

Benzo(a)anthracene

Concen: 37.644 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

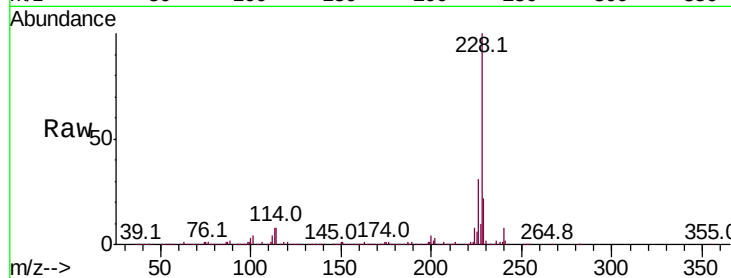
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 1487070

Ion	Ratio	Lower	Upper
228	100		
226	30.8	27.3	40.9
229	22.3	19.7	29.5

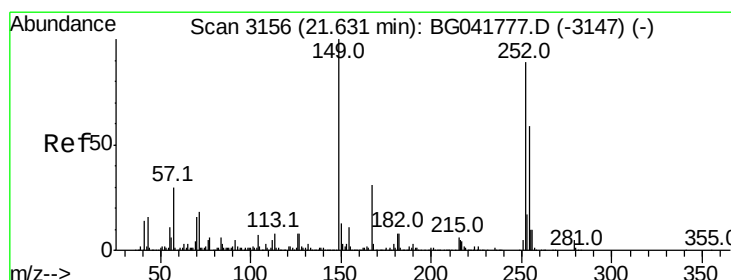
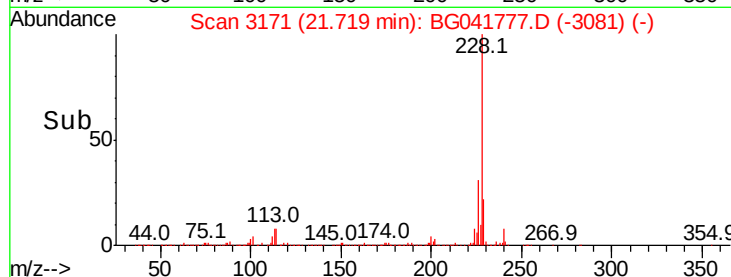
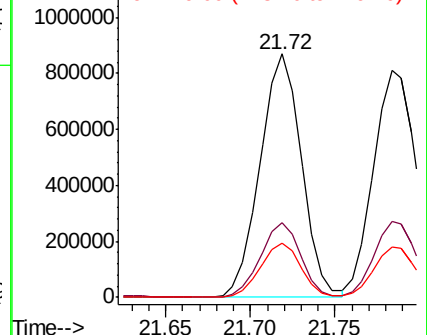


Abundance

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: 38.576 ng

RT: 21.63 min Scan# 3156

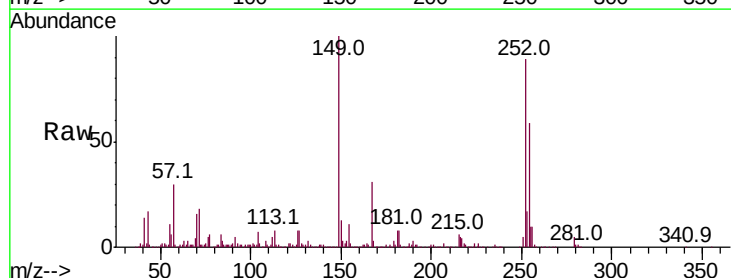
Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Tgt Ion:252 Resp: 599664

Ion	Ratio	Lower	Upper
252	100		
254	66.8	53.8	80.6
126	8.5	7.8	11.8

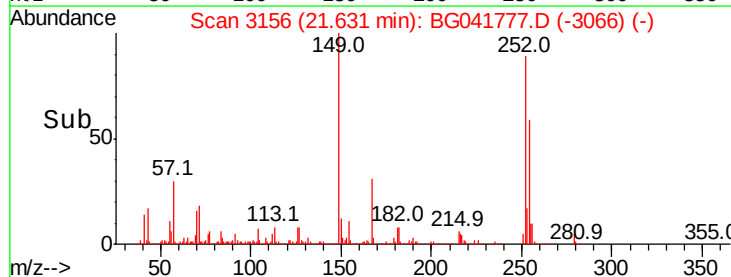
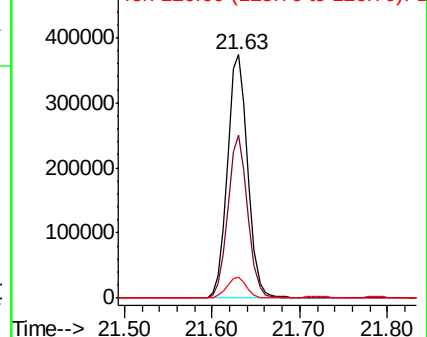


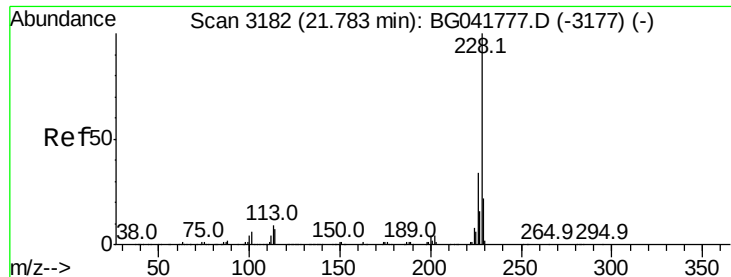
Abundance

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: 37.762 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

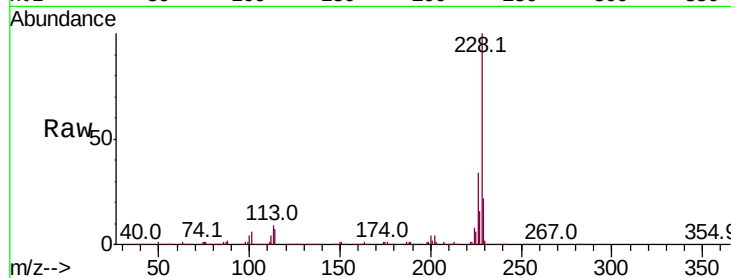
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 1425411

Ion	Ratio	Lower	Upper
228	100		
226	33.6	30.1	45.1
229	22.4	19.8	29.6

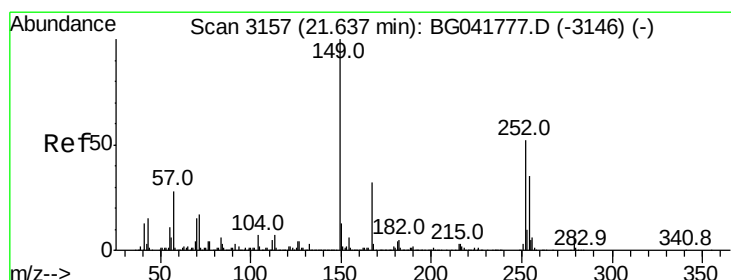
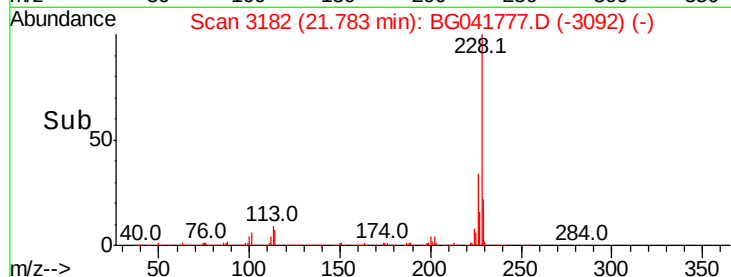
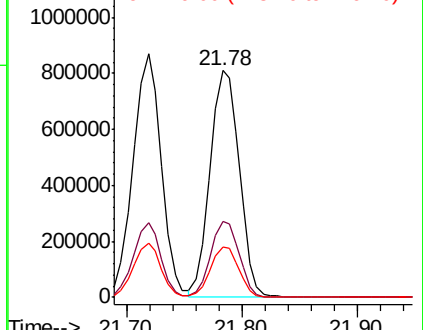


Abundance

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: 32.691 ng

RT: 21.64 min Scan# 3157

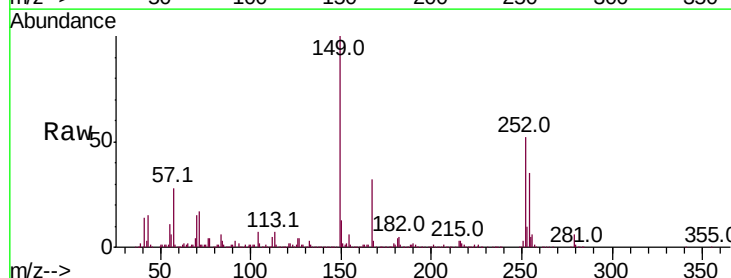
Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Tgt Ion:149 Resp: 793151

Ion	Ratio	Lower	Upper
149	100		
167	32.0	27.0	40.4
279	6.4	5.0	7.6

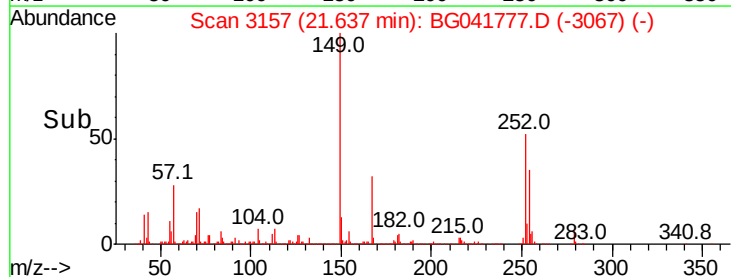
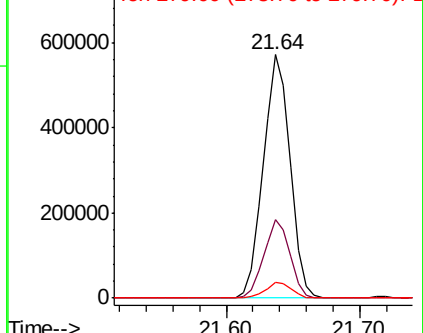


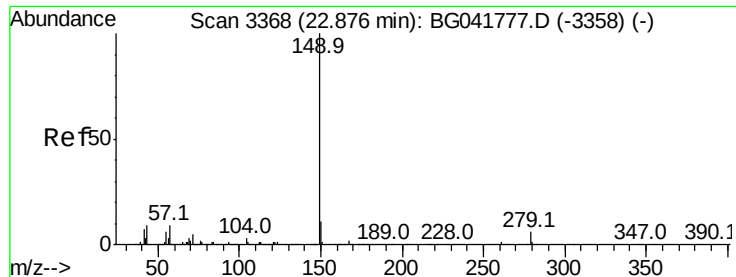
Abundance

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

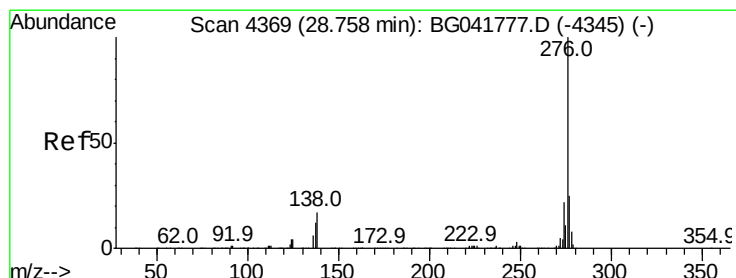
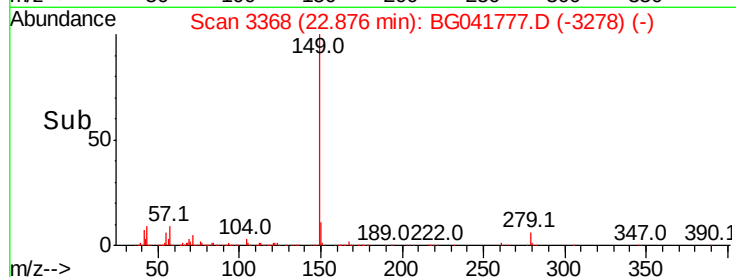
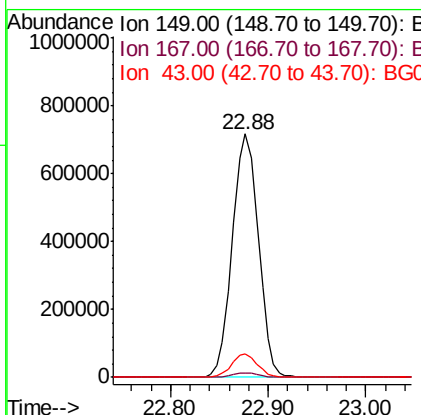
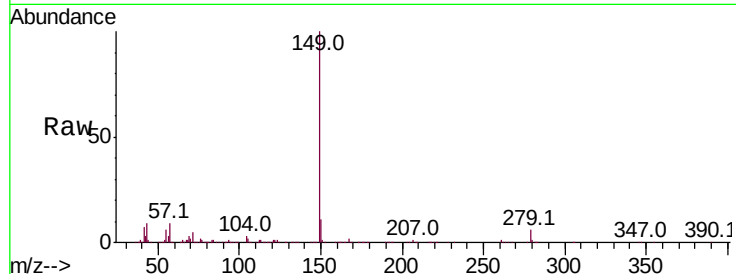




#85
Di-n-octyl phthalate
Concen: 32.308 ng
RT: 22.88 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

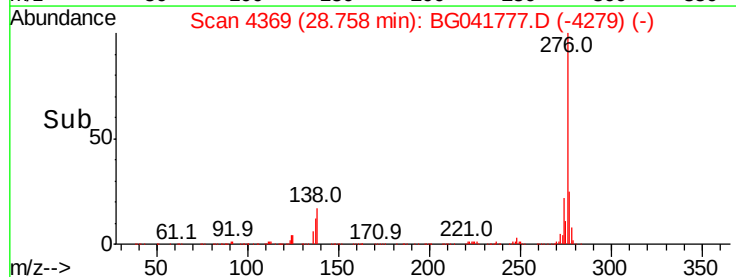
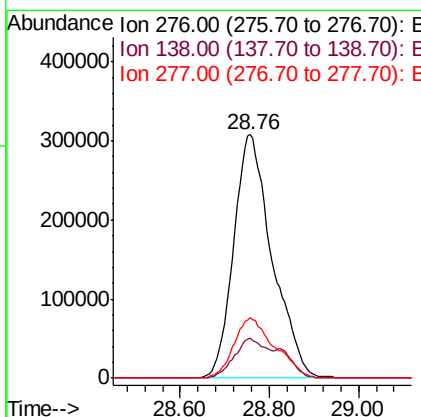
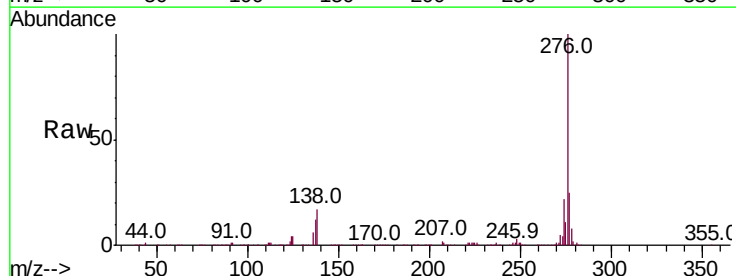
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

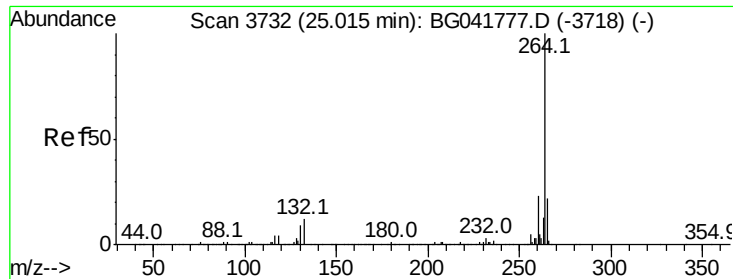
Tot Ion:149 Resp: 1334864
Ion Ratio Lower Upper
149 100
167 1.8 1.6 2.4
43 9.3 10.6 16.0#



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.946 ng
RT: 28.76 min Scan# 4369
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion:276 Resp: 1840179
Ion Ratio Lower Upper
276 100
138 14.3 19.4 29.0#
277 26.2 21.2 31.8



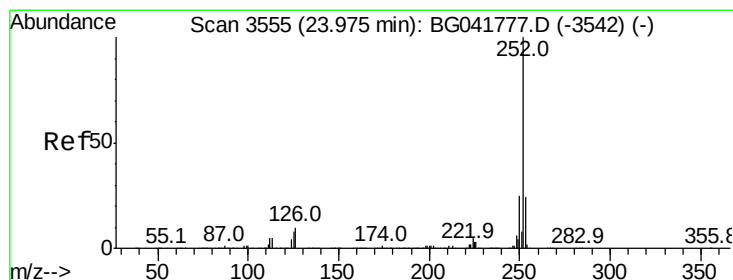
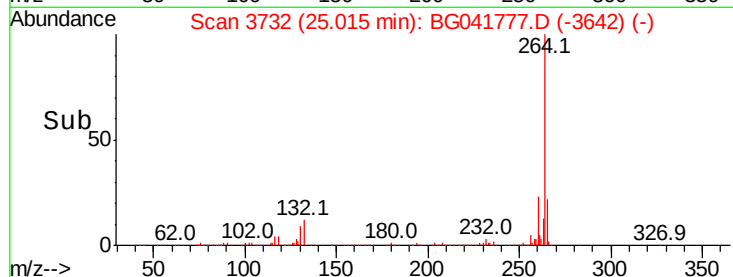
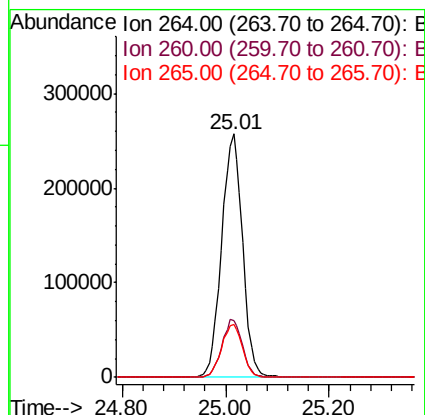
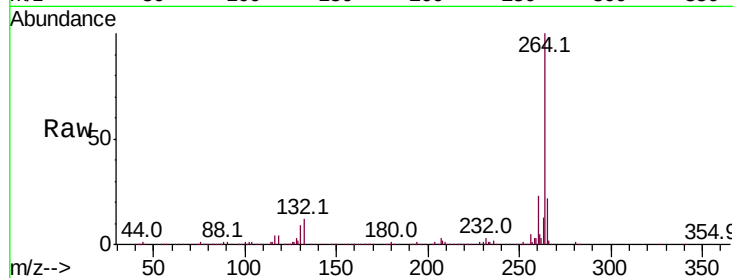


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:264 Resp: 720921

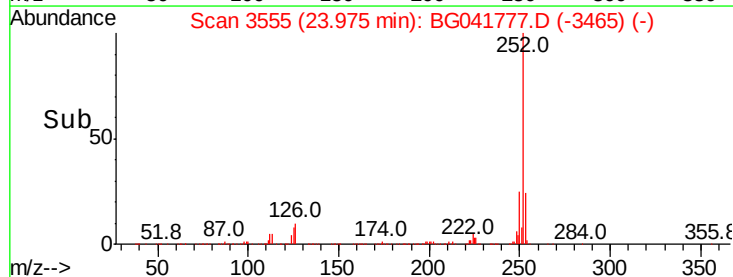
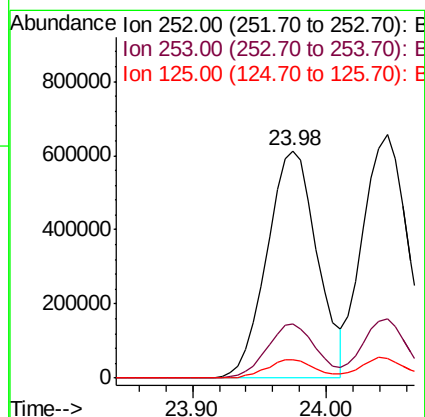
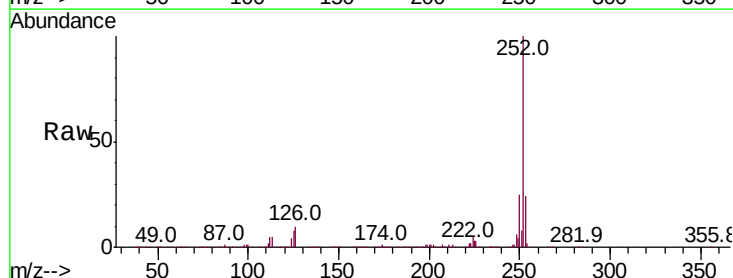
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.6	18.0	27.0

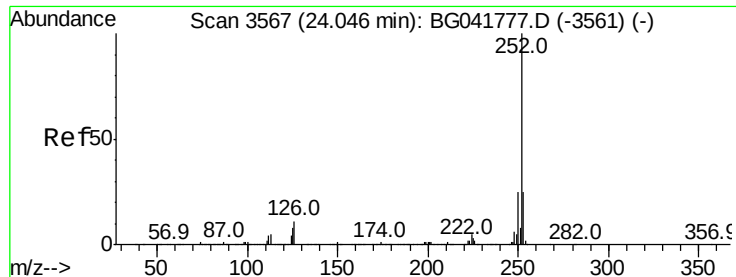


#88
Benzo(b)fluoranthene
Concen: 36.659 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion:252 Resp: 1603075

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.6	30.8
125	8.1	8.0	12.0

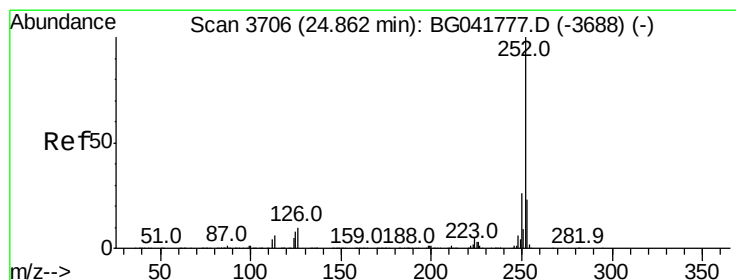
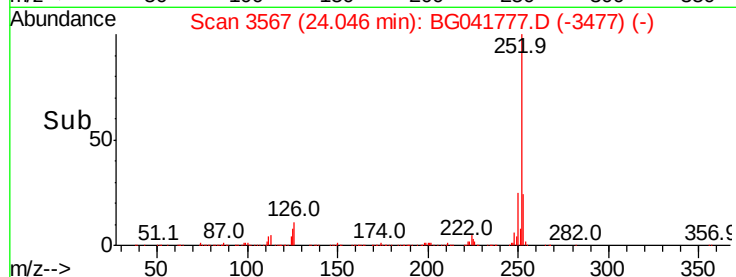
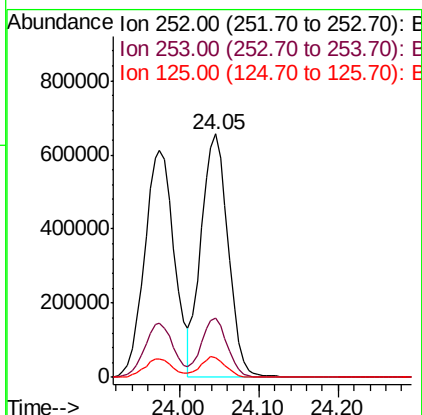
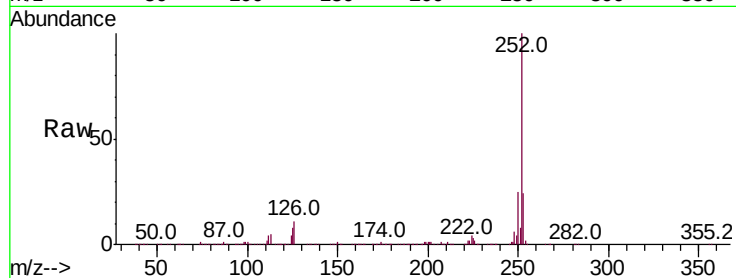




#89
Benzo(k)fluoranthene
Concen: 38.238 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

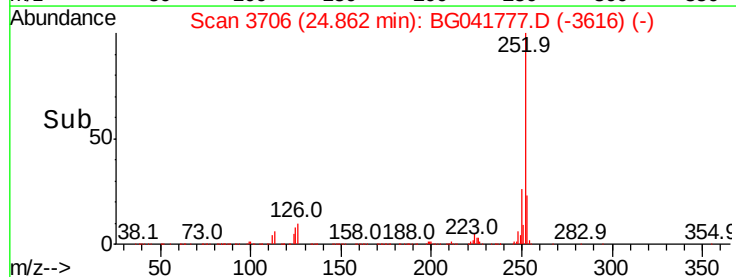
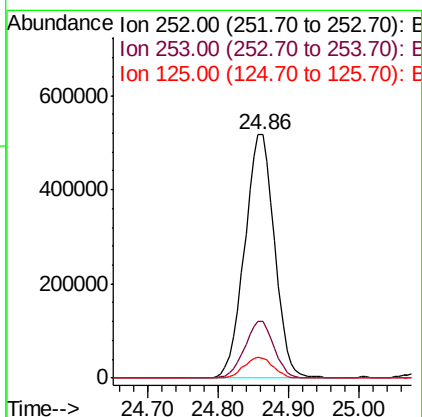
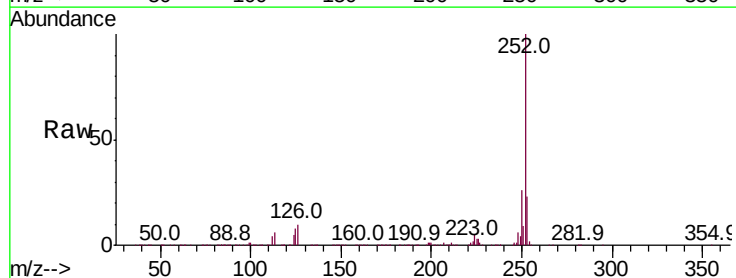
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

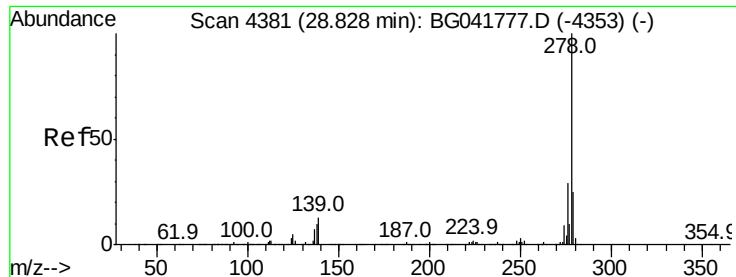
Tot Ion:252 Resp: 1549420
Ion Ratio Lower Upper
252 100
253 24.3 20.5 30.7
125 8.2 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 36.851 ng
RT: 24.86 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BG041777.D
Acq: 27 Jul 2019 15:07

Tgt Ion:252 Resp: 1524657
Ion Ratio Lower Upper
252 100
253 23.3 19.8 29.8
125 8.3 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 36.816 ng

RT: 28.83 min Scan# 4381

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

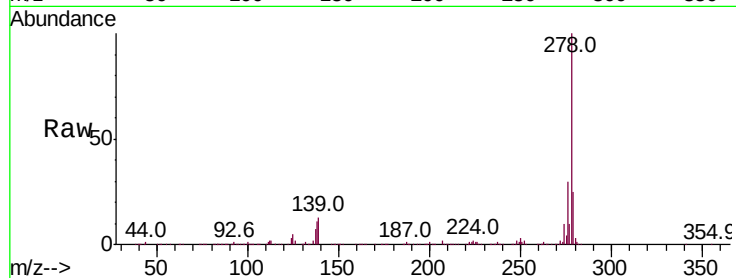
Tot Ion:278 Resp: 1476880

Ion	Ratio	Lower	Upper
278	100		
139	13.1	12.6	19.0
279	25.2	20.5	30.7

278 100

139 13.1 12.6 19.0

279 25.2 20.5 30.7

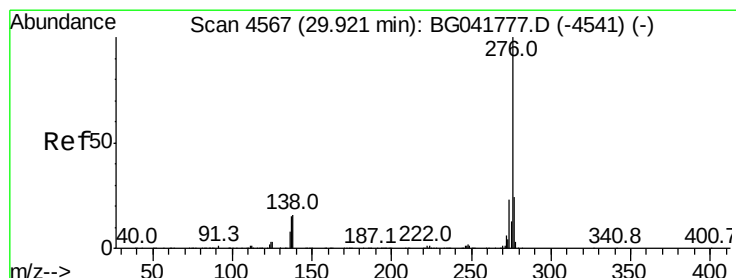
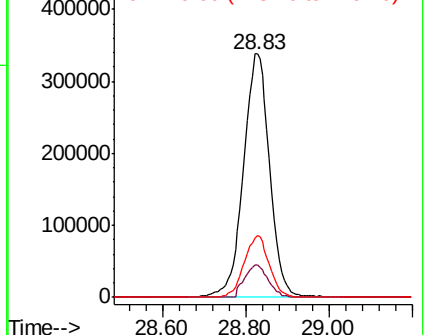
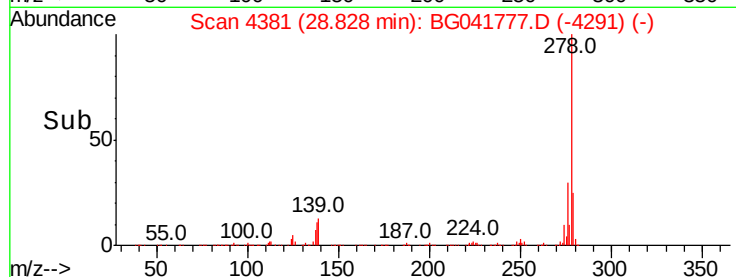


Abundance

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: 36.751 ng

RT: 29.92 min Scan# 4567

Delta R.T. 0.00 min

Lab File: BG041777.D

Acq: 27 Jul 2019 15:07

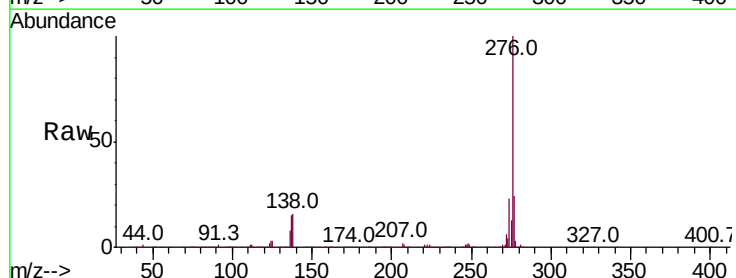
Tgt Ion:276 Resp: 1477436

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	16.1	16.6	25.0

276 100

277 24.0 19.8 29.8

138 16.1 16.6 25.0



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

