

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038423.D
 Acq On : 8 Dec 2018 5:18
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 08 05:53:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28241	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	120302	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	80741	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	192298	20.00	ng	0.00
76) Chrysene-d12	21.73	240	180165	20.00	ng	-0.01
87) Perylene-d12	25.03	264	191648	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	118424	74.21	ng	0.00
7) Phenol-d6	7.21	99	178265	77.29	ng	-0.01
23) Nitrobenzene-d5	9.25	82	191147	78.89	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	84519	85.27	ng	-0.01
45) 2-Fluorobiphenyl	13.32	172	446492	78.80	ng	0.00
79) Terphenyl-d14	20.05	244	805485	95.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	27636	37.784	ng	99
3) Pyridine	3.91	79	100113	45.752	ng	90
4) n-Nitrosodimethylamine	3.83	42	40511	42.266	ng	# 80
6) Aniline	7.40	93	111805	37.952	ng	99
8) 2-Chlorophenol	7.63	128	71575	38.618	ng	97
9) Benzaldehyde	7.21	77	50676	34.696	ng	93
10) Phenol	7.24	94	92294	37.872	ng	92
11) bis(2-Chloroethyl)ether	7.48	93	75590	37.873	ng	98
12) 1,3-Dichlorobenzene	7.95	146	82699	38.177	ng	96
13) 1,4-Dichlorobenzene	8.11	146	83888	37.429	ng	99
14) 1,2-Dichlorobenzene	8.42	146	80013	38.456	ng	99
15) Benzyl Alcohol	8.31	79	59833	31.552	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	166340	36.640	ng	98
17) 2-Methylphenol	8.51	107	66083	38.509	ng	96
18) Hexachloroethane	9.15	117	31725	39.219	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	64872	38.397	ng	91
20) 3+4-Methylphenols	8.84	107	91280	37.179	ng	95
22) Acetophenone	8.90	105	118936	41.024	ng	# 93
24) Nitrobenzene	9.29	77	95863	38.940	ng	99
25) Isophorone	9.80	82	166374	39.070	ng	98
26) 2-Nitrophenol	10.00	139	47932	42.020	ng	# 89
27) 2,4-Dimethylphenol	10.04	122	71216	43.467	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	101768	41.688	ng	95
29) 2,4-Dichlorophenol	10.53	162	84172	45.006	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	90535	41.237	ng	98
31) Naphthalene	10.94	128	232749	40.503	ng	100
32) Benzoic acid	10.19	122	41462	36.871	ng	98
33) 4-Chloroaniline	11.05	127	110963	43.619	ng	97
34) Hexachlorobutadiene	11.20	225	58078	42.285	ng	98
35) Caprolactam	11.84	113	35343	45.698	ng	92
36) 4-Chloro-3-methylphenol	12.16	107	90154	43.385	ng	96
37) 2-Methylnaphthalene	12.54	142	170456	41.652	ng	98
38) 1-Methylnaphthalene	12.75	142	165589	42.247	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	112072	40.339	ng	98

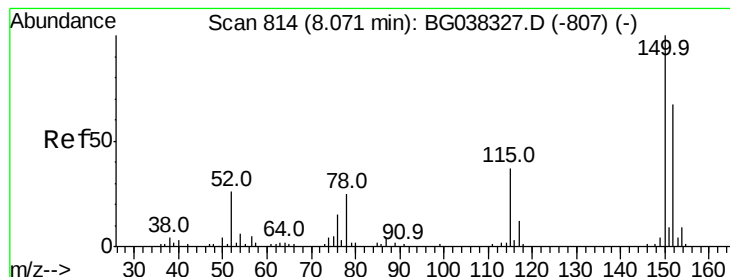
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	59856	39.204	nq	100
43) 2,4,6-Trichlorophenol	13.14	196	74820	41.573	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	80131	42.028	nq	96
46) 1,1'-Biphenyl	13.54	154	259550	38.030	nq	99
47) 2-Chloronaphthalene	13.59	162	201819	39.188	nq	98
48) 2-Nitroaniline	13.80	65	70640	40.884	nq	99
49) Acenaphthylene	14.43	152	307398	39.631	nq	99
50) Dimethylphthalate	14.15	163	257105	39.700	nq	99
51) 2,6-Dinitrotoluene	14.29	165	59934	40.514	nq	98
52) Acenaphthene	14.77	154	182429	38.581	nq	100
53) 3-Nitroaniline	14.62	138	62658	39.328	nq	# 98
54) 2,4-Dinitrophenol	14.83	184	31123	38.379	nq	# 83
55) Dibenzofuran	15.10	168	308447	39.457	nq	97
56) 4-Nitrophenol	14.92	139	43192	34.318	nq	88
57) 2,4-Dinitrotoluene	15.07	165	81762	40.072	nq	92
58) Fluorene	15.75	166	231640	40.220	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	67854	40.976	nq	98
60) Diethylphthalate	15.51	149	277378	38.660	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	142965	41.327	nq	98
62) 4-Nitroaniline	15.79	138	63563	40.562	nq	85
63) Azobenzene	16.03	77	240668	38.328	nq	93
65) 4,6-Dinitro-2-methylphenol	15.83	198	52543	41.702	nq	91
66) n-Nitrosodiphenylamine	15.96	169	227952	42.155	nq	100
67) 4-Bromophenyl-phenylether	16.63	248	90862	43.755	nq	98
68) Hexachlorobenzene	16.74	284	94734	44.228	nq	95
69) Atrazine	16.90	200	80903	40.095	nq	94
70) Pentachlorophenol	17.10	266	59041	40.243	nq	94
71) Phenanthrene	17.50	178	395041	41.021	nq	99
72) Anthracene	17.58	178	389743	41.792	nq	99
73) Carbazole	17.86	167	385316	41.629	nq	99
74) Di-n-butylphthalate	18.39	149	444421	41.100	nq	98
75) Fluoranthene	19.50	202	646937	57.499	nq	99
77) Benzidine	19.69	184	316275	52.022	nq	99
78) Pyrene	19.86	202	650485	51.602	nq	98
80) Butylbenzylphthalate	20.73	149	193963	38.256	nq	98
81) Benzo(a)anthracene	21.71	228	433839	39.180	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	173841	40.357	nq	96
83) Chrysene	21.78	228	413899	39.500	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	274839	38.245	nq	98
85) Di-n-octyl phthalate	22.81	149	456264	37.028	nq	97
86) Indeno(1,2,3-cd)pyrene	28.82	276	474204	39.820	nq	# 96
88) Benzo(b)fluoranthene	23.98	252	428693	39.588	nq	# 98
89) Benzo(k)fluoranthene	24.05	252	413200	38.312	nq	98
90) Benzo(a)pyrene	24.88	252	409861	39.020	nq	# 98
91) Dibenzo(a,h)anthracene	28.89	278	395810	39.731	nq	# 96
92) Benzo(g,h,i)perylene	30.01	276	395964	40.061	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

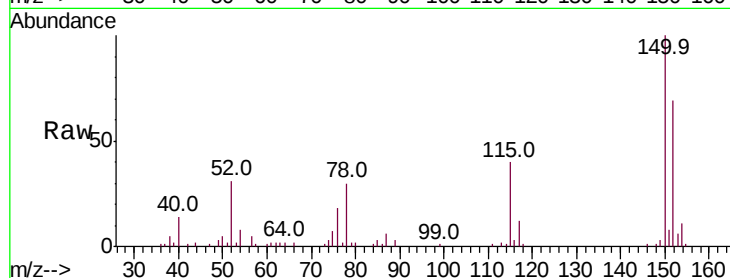
Tot Ion:152 Resp: 28241

Ion Ratio Lower Upper

152 100

150 145.1 126.0 189.0

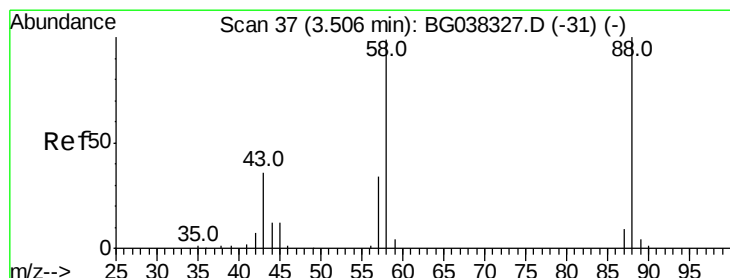
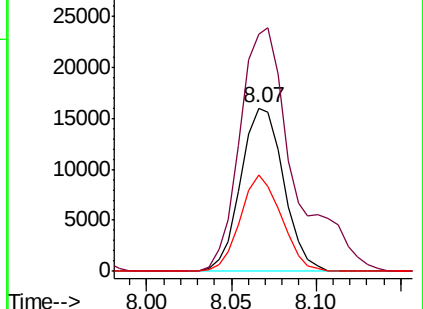
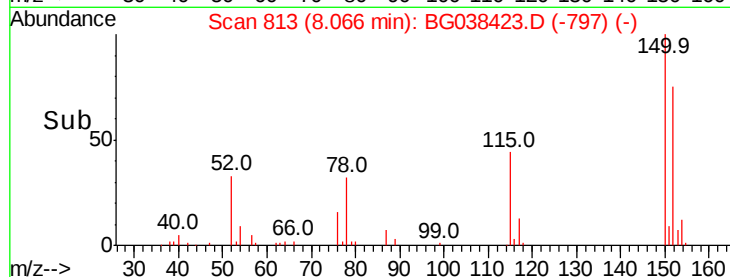
115 58.6 45.5 68.3



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: 37.784 ng

RT: 3.50 min Scan# 36

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

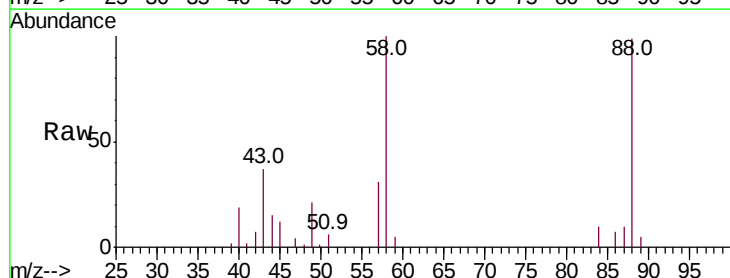
Tgt Ion: 88 Resp: 27636

Ion Ratio Lower Upper

88 100

58 93.2 74.4 111.6

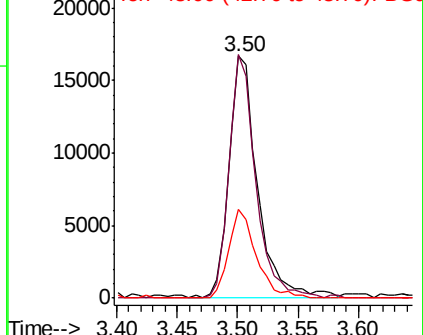
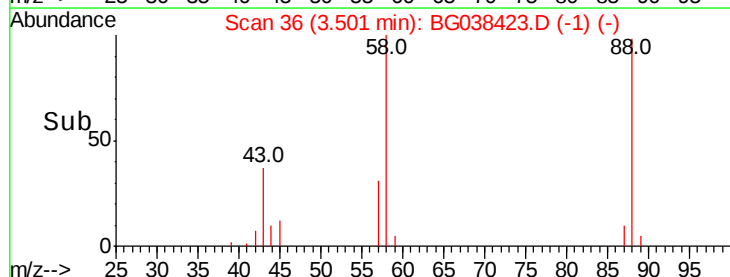
43 35.2 25.8 38.8

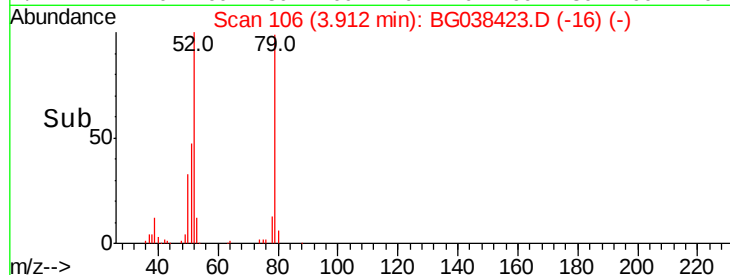
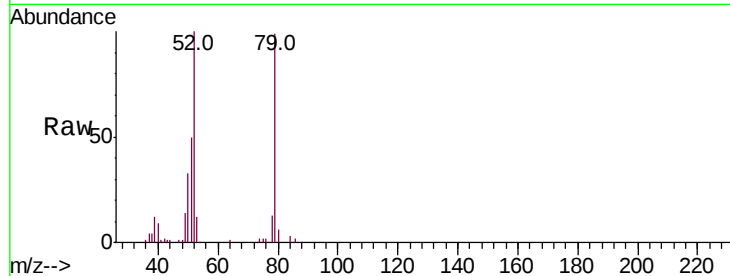
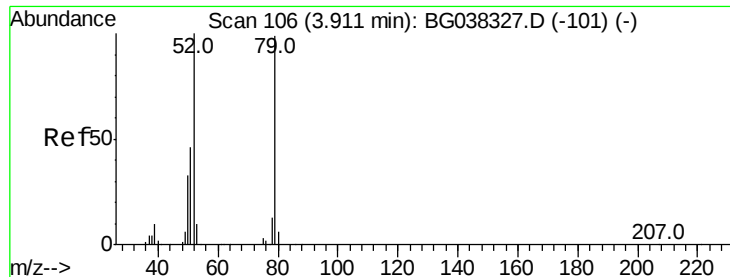


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



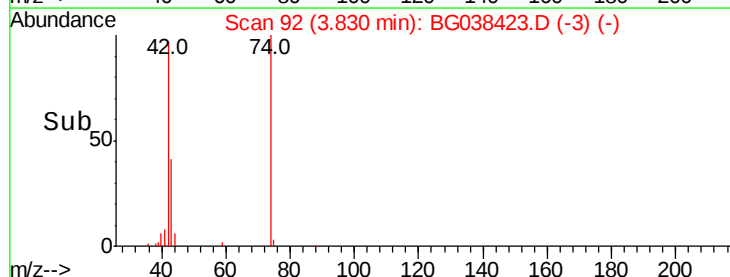
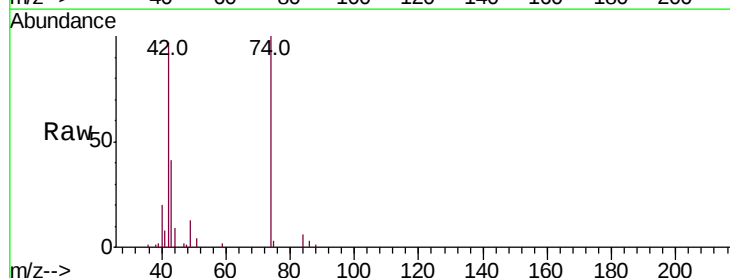
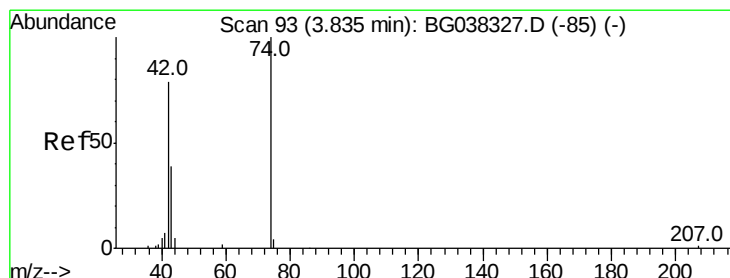
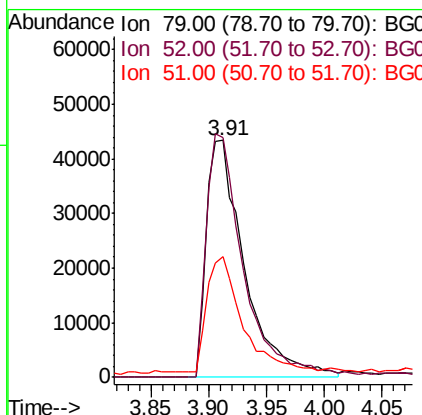


#3
 Pvridine
 Concen: 45.752 ng
 RT: 3.91 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 100113

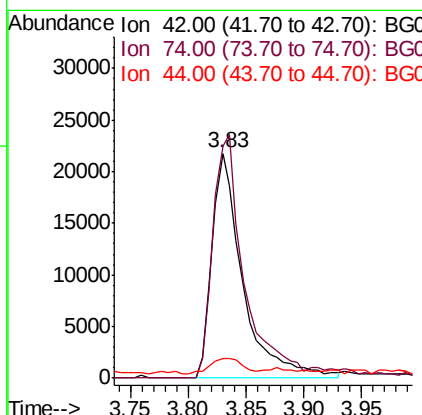
Ion	Ratio	Lower	Upper
79	100		
52	101.4	74.2	111.2
51	50.9	34.6	51.8

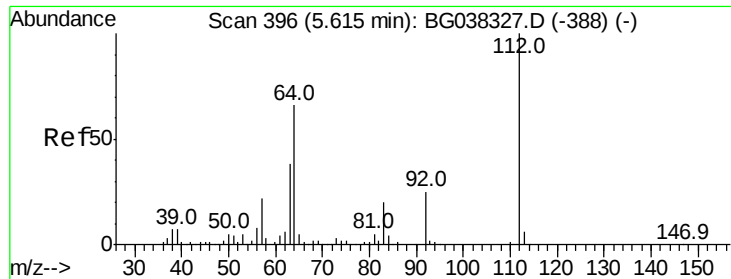


#4
 n-Nitrosodimethylamine
 Concen: 42.266 ng
 RT: 3.83 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion: 42 Resp: 40511

Ion	Ratio	Lower	Upper
42	100		
74	103.5	102.0	153.0
44	8.9	9.6	14.4#





#5

2-Fluorophenol

Concen: 74.207 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

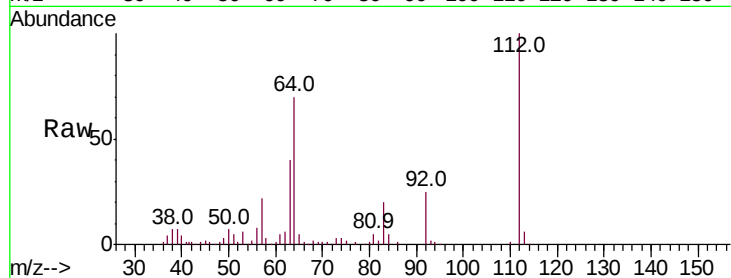
Tot Ion:112 Resp: 118424

Ion Ratio Lower Upper

112 100

64 70.1 53.1 79.7

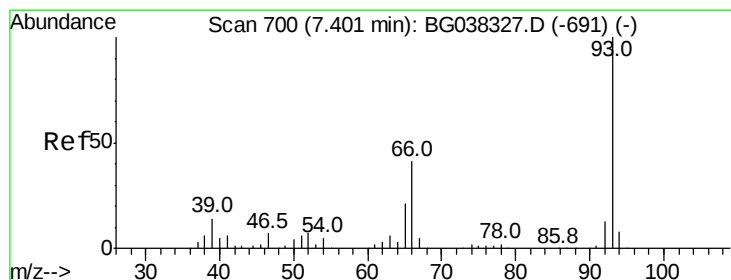
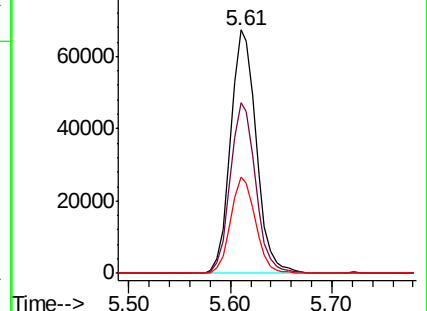
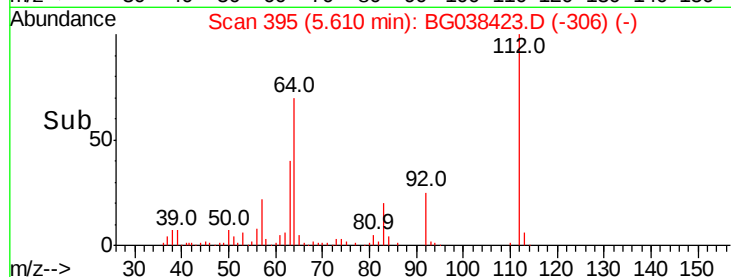
63 39.6 27.3 40.9



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: 37.952 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

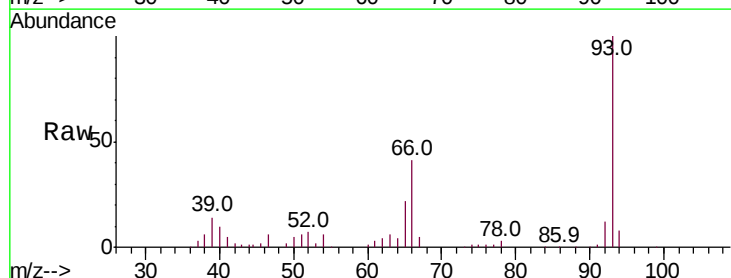
Tgt Ion: 93 Resp: 111805

Ion Ratio Lower Upper

93 100

66 41.4 32.8 49.2

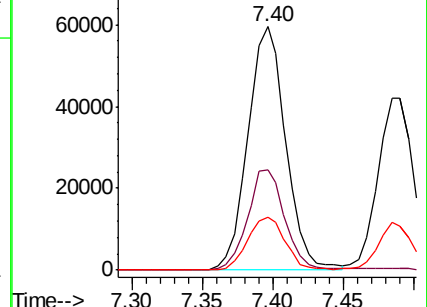
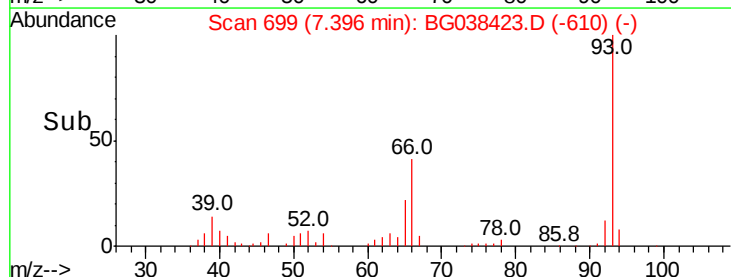
65 21.6 16.4 24.6

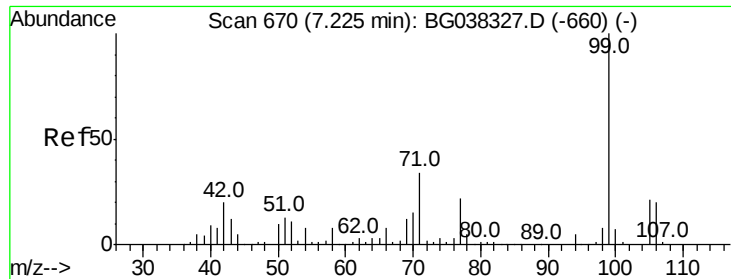


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.286 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

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ClientSampleId :

SSTDCCC040

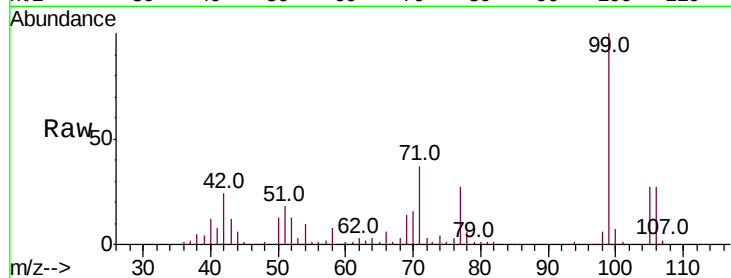
Tot Ion: 99 Resp: 178265

Ion Ratio Lower Upper

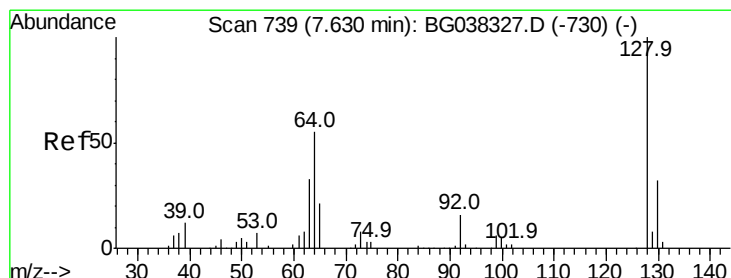
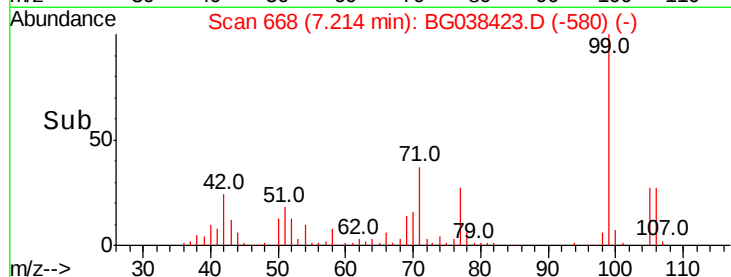
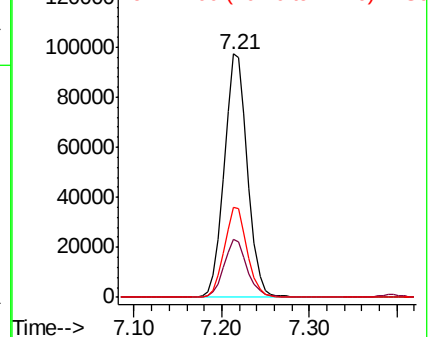
99 100

42 23.6 15.0 22.4#

71 37.0 25.5 38.3



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: 38.618 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

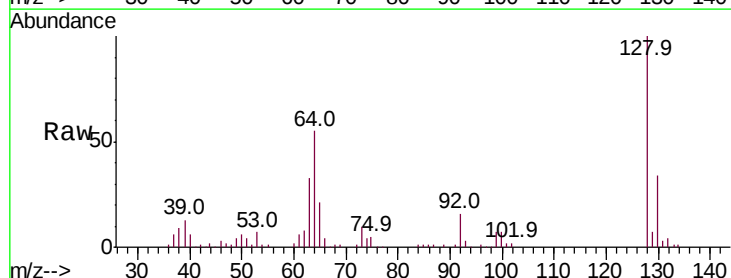
Tgt Ion:128 Resp: 71575

Ion Ratio Lower Upper

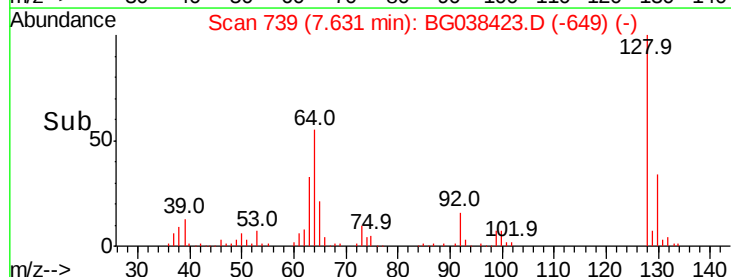
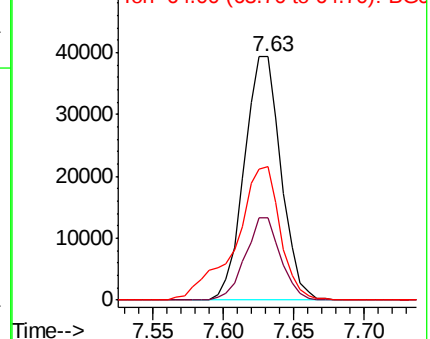
128 100

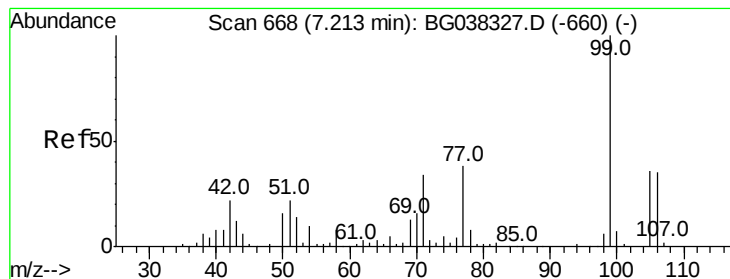
130 33.6 12.0 52.0

64 55.0 32.9 72.9



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: 34.696 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

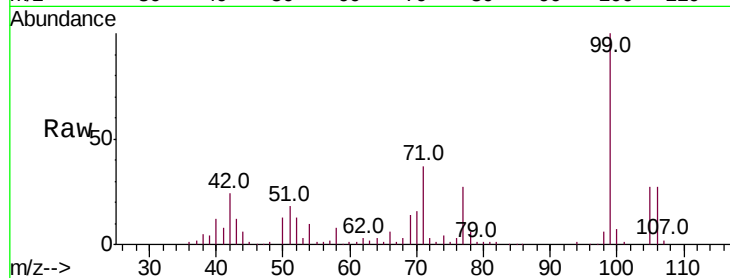
Tot Ion: 77 Resp: 50676

Ion Ratio Lower Upper

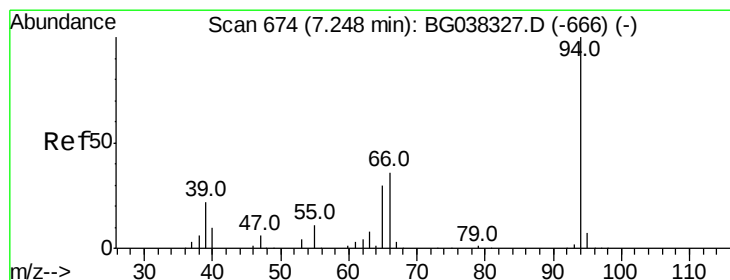
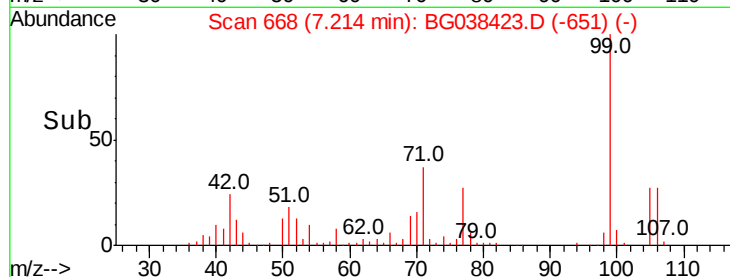
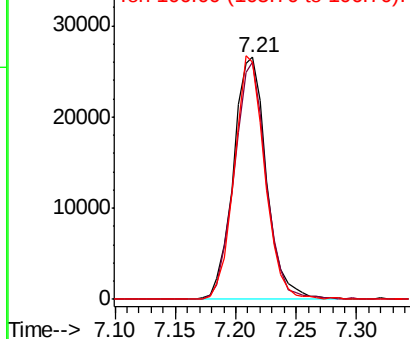
77 100

105 98.3 72.6 112.6

106 98.1 71.3 111.3



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: 37.872 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

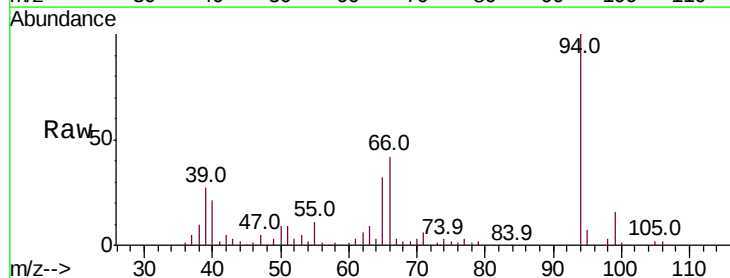
Tgt Ion: 94 Resp: 92294

Ion Ratio Lower Upper

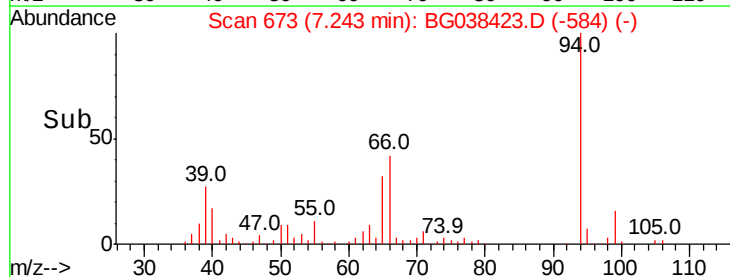
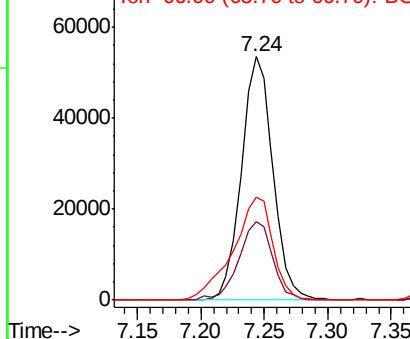
94 100

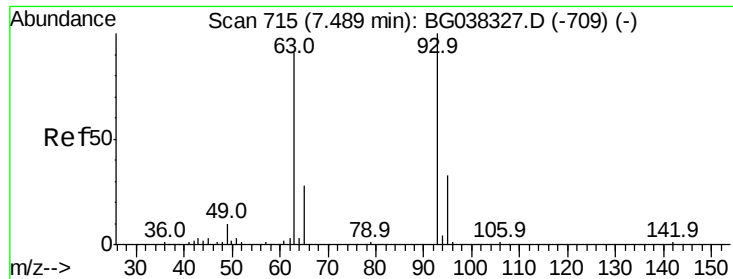
65 32.5 9.7 49.7

66 42.0 15.9 55.9



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: 37.873 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

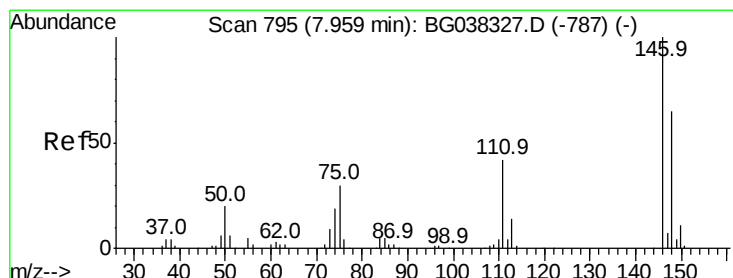
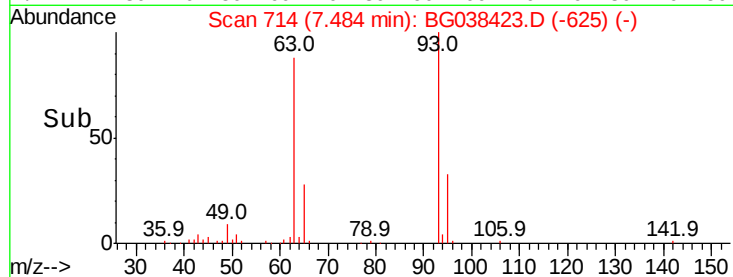
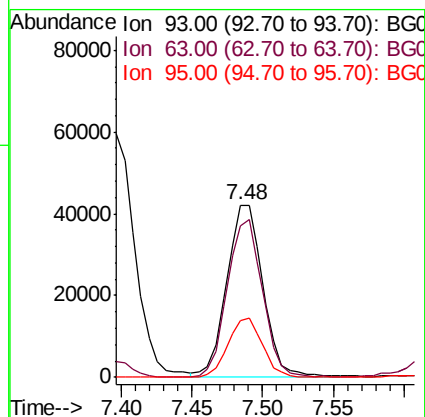
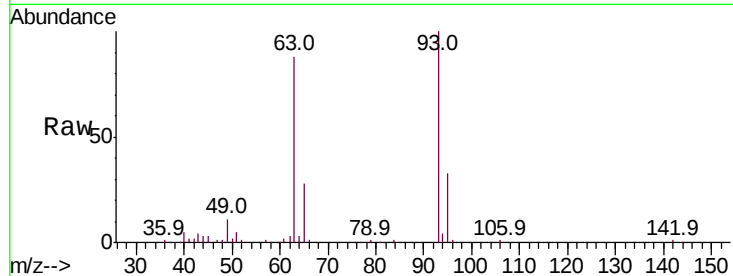
Tot Ion: 93 Resp: 75590

Ion Ratio Lower Upper

93 100

63 87.7 69.5 109.5

95 32.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 38.177 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

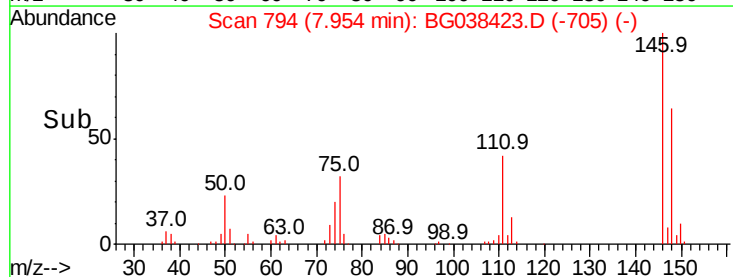
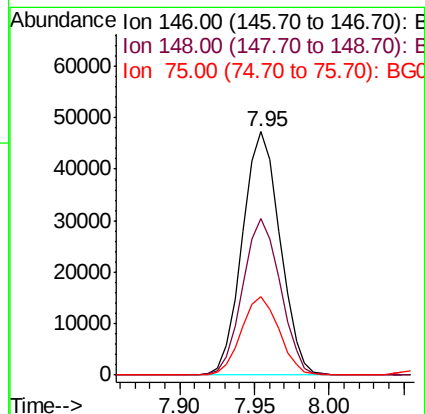
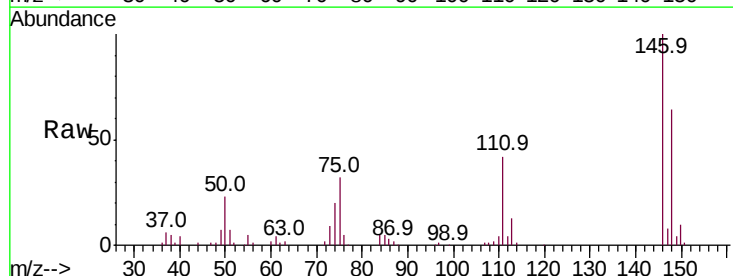
Tgt Ion:146 Resp: 82699

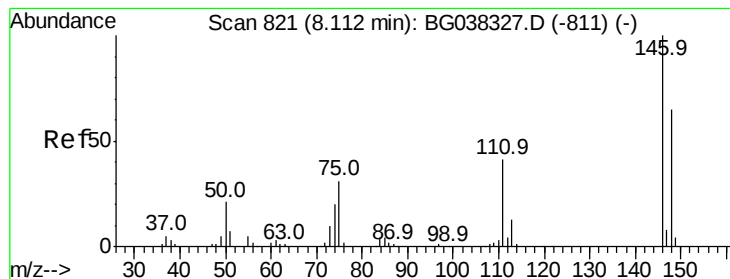
Ion Ratio Lower Upper

146 100

148 64.4 49.8 74.8

75 32.5 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 37.429 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

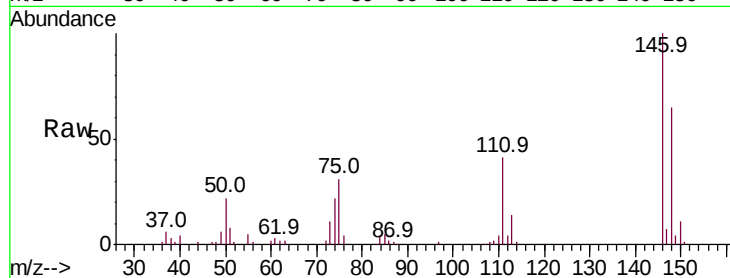
Tot Ion:146 Resp: 83888

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

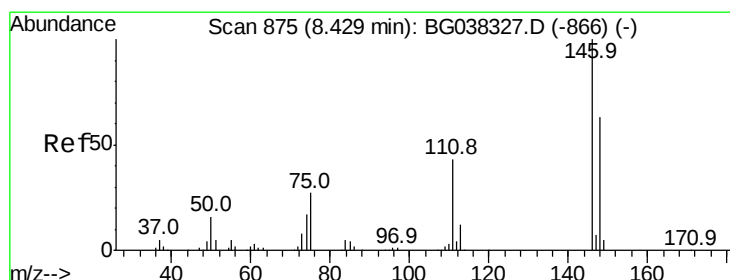
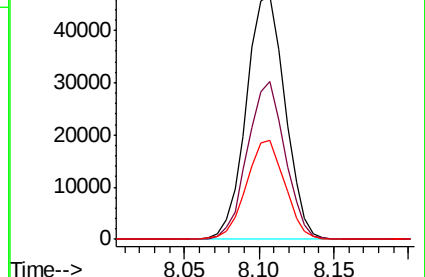
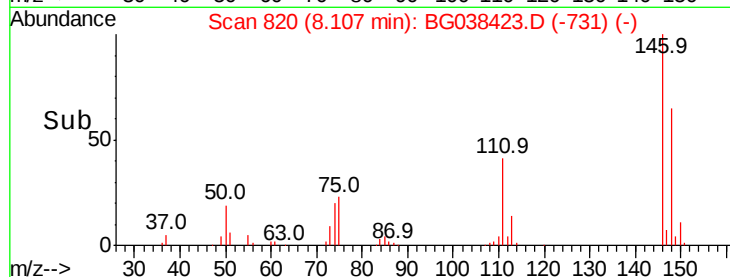
111 40.6 32.4 48.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.456 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

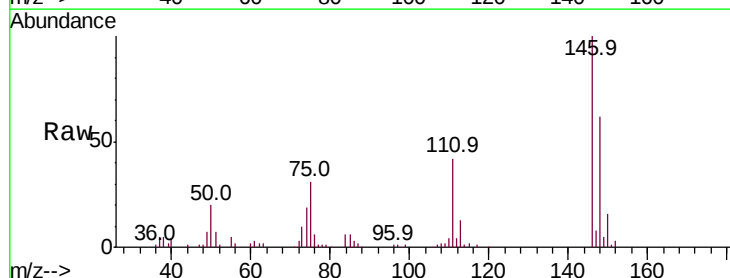
Tgt Ion:146 Resp: 80013

Ion Ratio Lower Upper

146 100

148 62.2 50.4 75.6

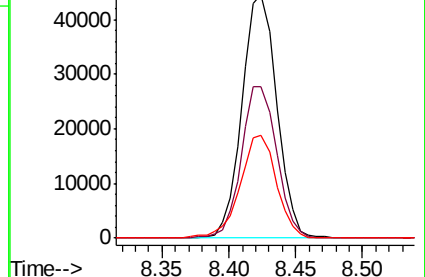
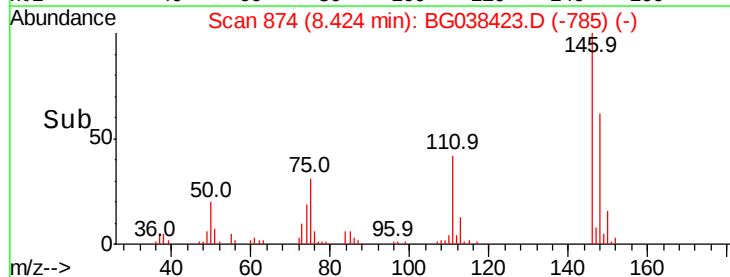
111 42.4 34.6 51.8

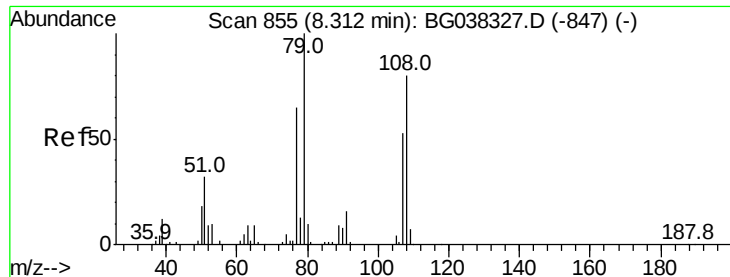


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.552 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

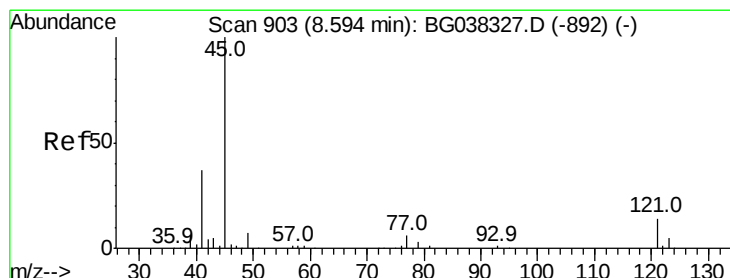
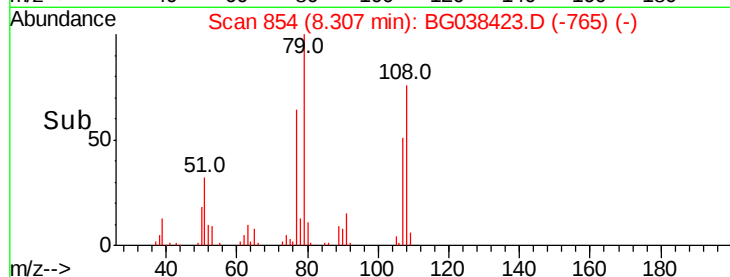
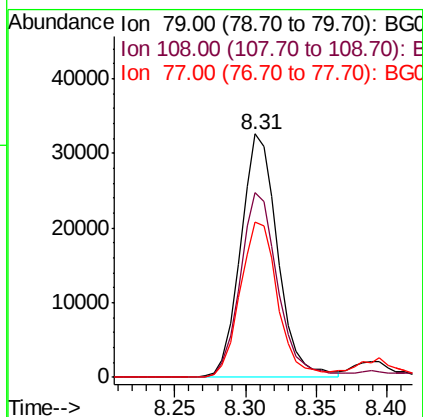
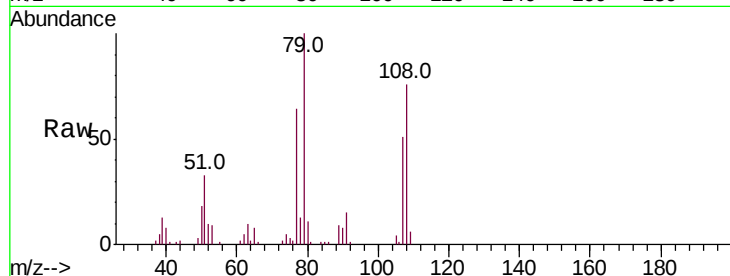
Tot Ion: 79 Resp: 59833

Ion Ratio Lower Upper

79 100

108 75.9 65.8 98.8

77 63.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.640 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

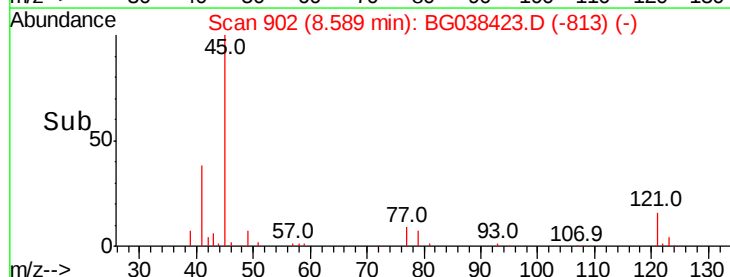
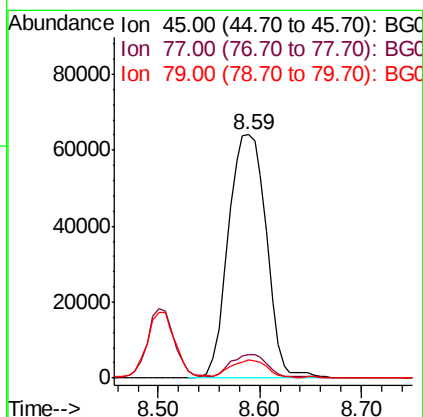
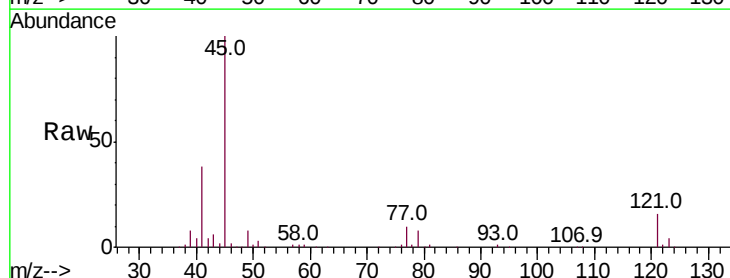
Tgt Ion: 45 Resp: 166340

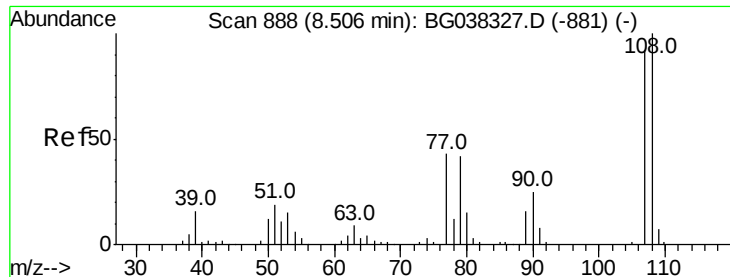
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 7.6 0.0 29.0

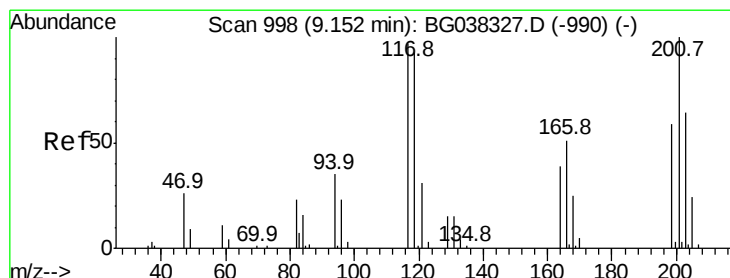
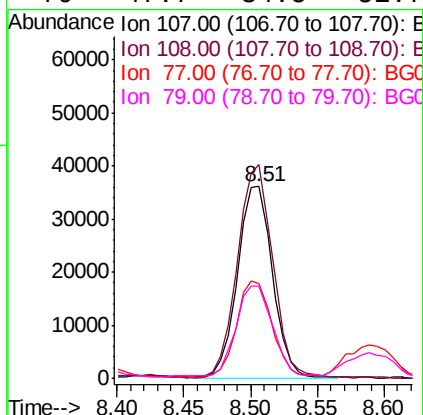
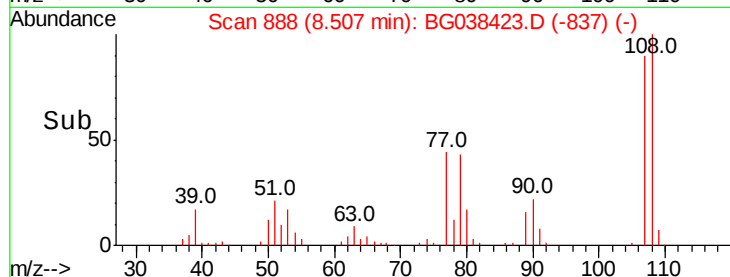
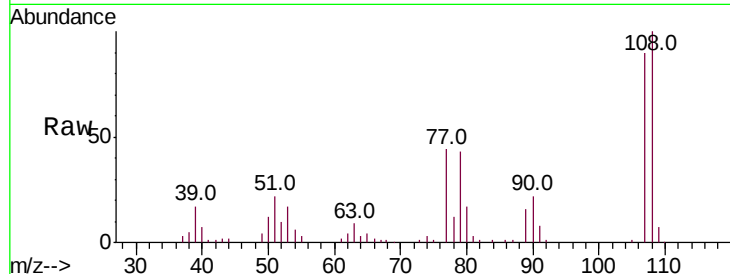




#17
2-Methylphenol
Concen: 38.509 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

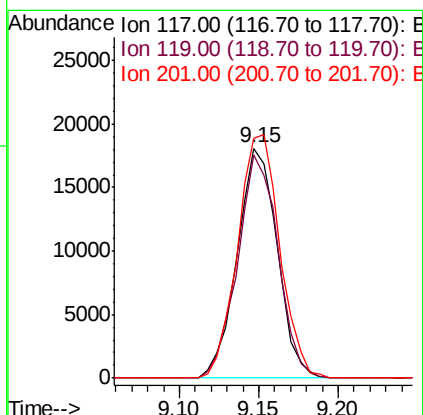
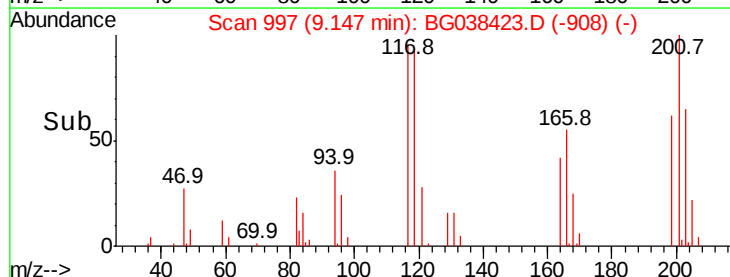
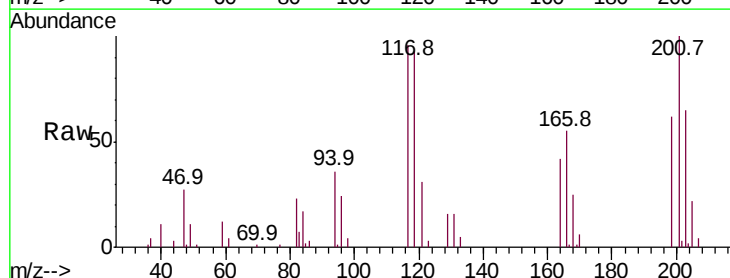
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

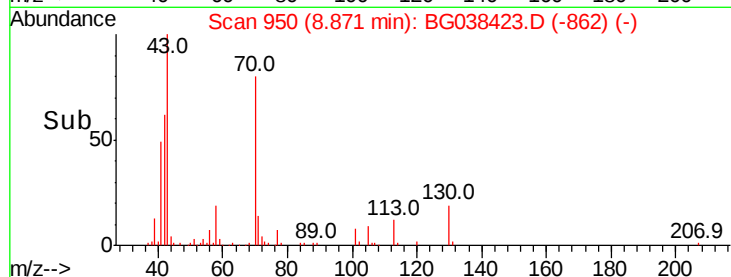
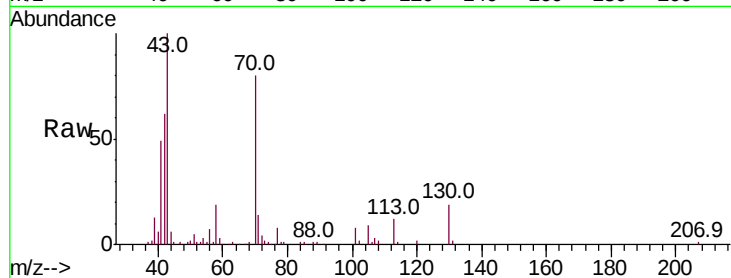
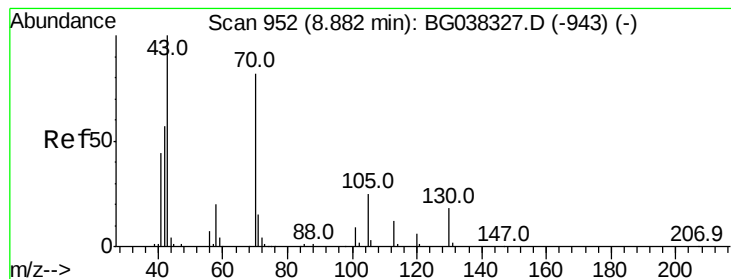
Tot Ion:107 Resp: 66083
Ion Ratio Lower Upper
107 100
108 111.3 87.9 131.9
77 49.0 35.1 52.7
79 47.7 34.5 51.7



#18
Hexachloroethane
Concen: 39.219 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:117 Resp: 31725
Ion Ratio Lower Upper
117 100
119 97.0 74.6 111.8
201 104.2 80.8 121.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.397 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 64872

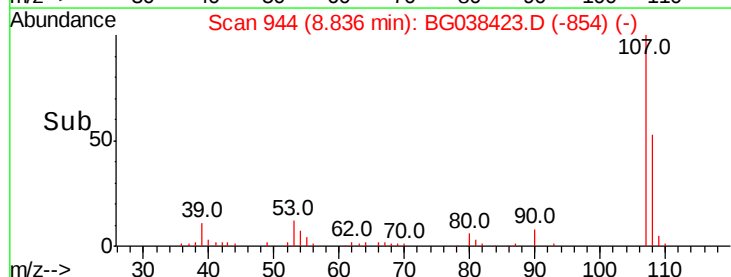
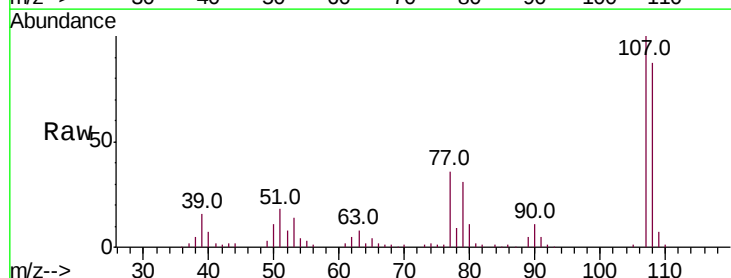
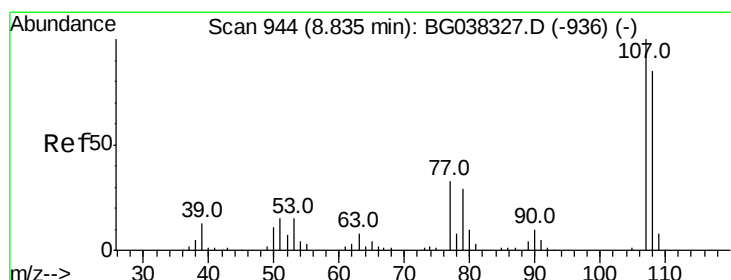
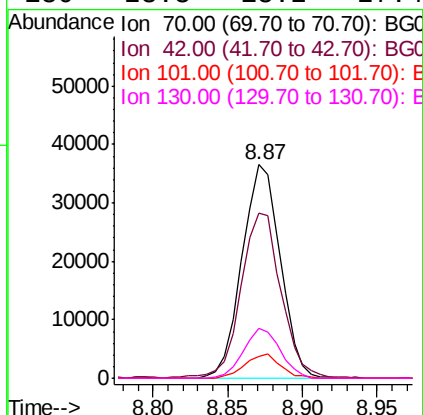
Ion Ratio Lower Upper

70 100

42 77.6 53.9 80.9

101 10.4 8.2 12.2

130 23.3 18.2 27.4



#20

3+4-Methylphenols

Concen: 37.179 ng

RT: 8.84 min Scan# 944

Delta R.T. 0.00 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Tgt Ion: 107 Resp: 91280

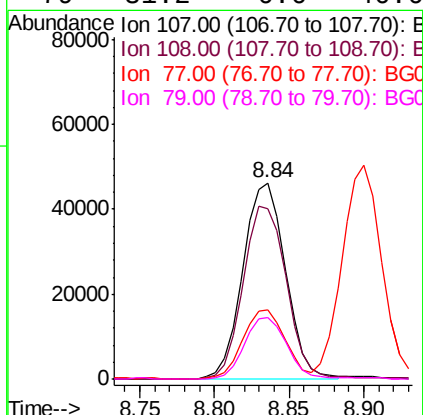
Ion Ratio Lower Upper

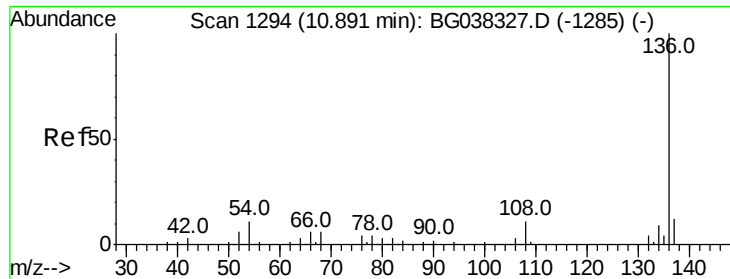
107 100

108 87.2 69.9 109.9

77 35.6 11.2 51.2

79 31.2 6.6 46.6

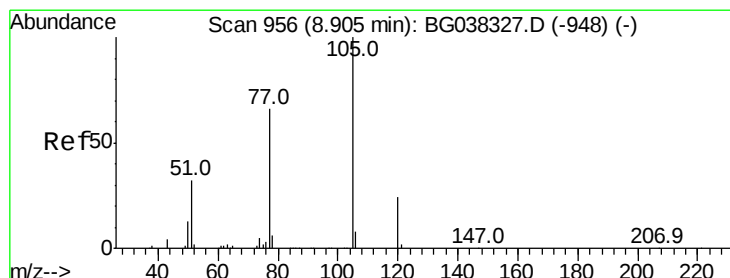
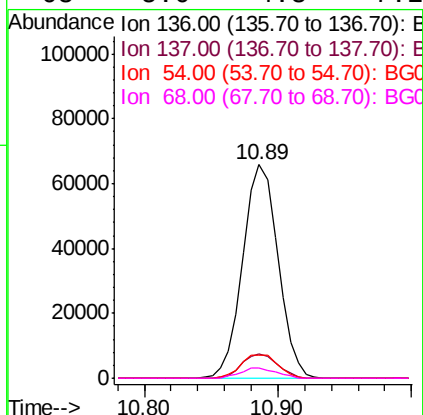
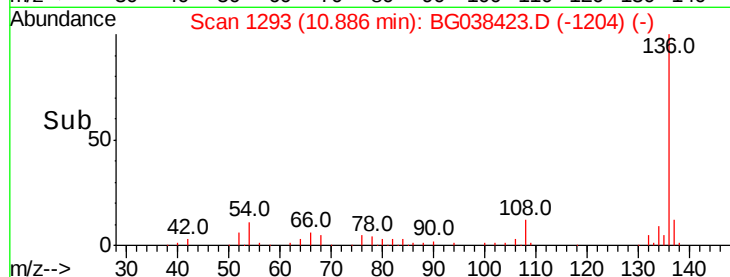
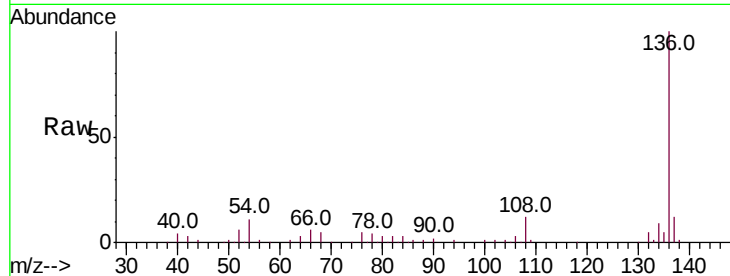




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

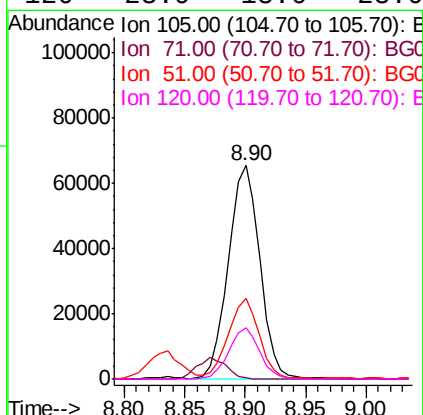
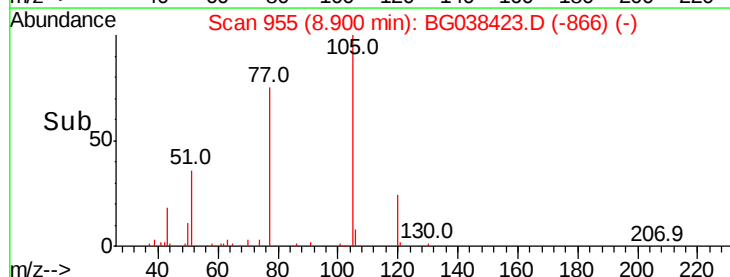
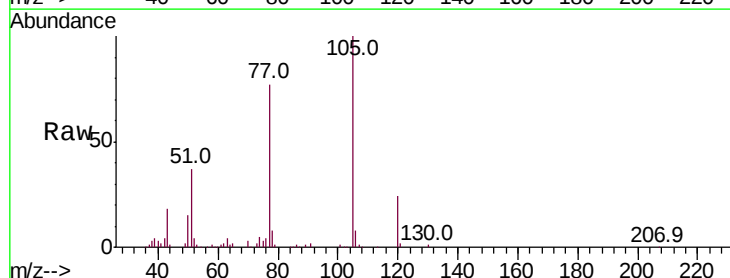
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

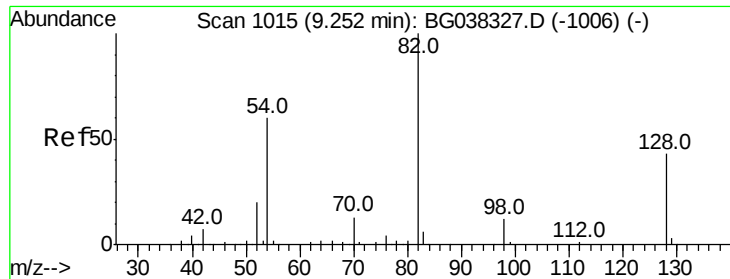
Tot Ion:136	Resp:	120302
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.6 14.4
54	11.0	7.9 11.9
68	5.0	4.8 7.2



#22
Acetophenone
Concen: 41.024 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:105	Resp:	118936
Ion Ratio	Lower	Upper
105	100	
71	0.5	1.2 1.8#
51	37.5	25.0 37.6
120	23.9	18.6 28.0

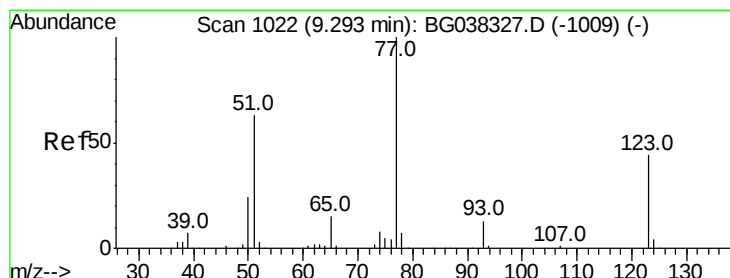
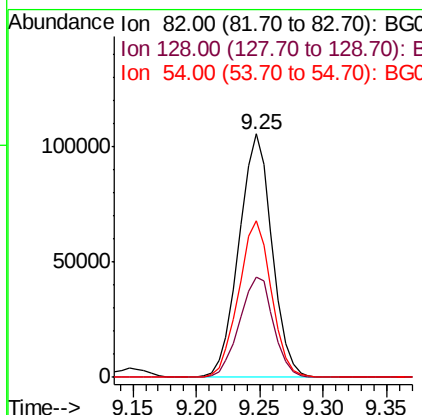
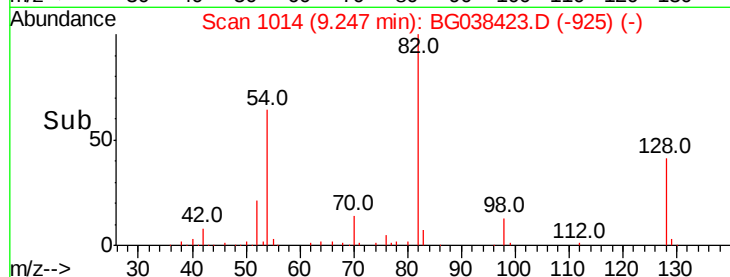
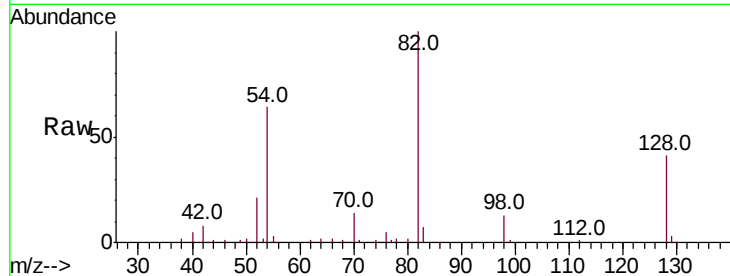




#23
 Nitrobenzene-d5
 Concen: 78.885 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

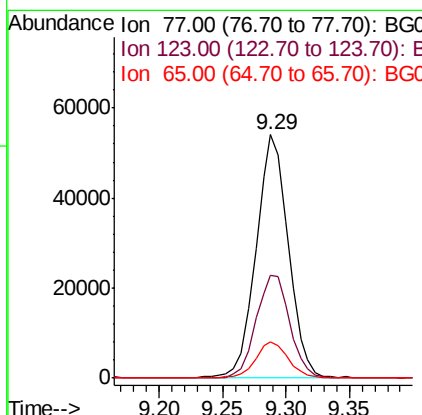
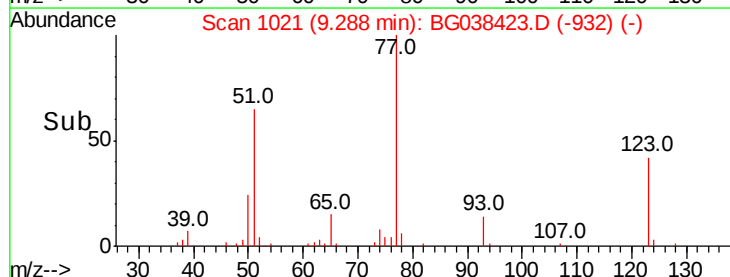
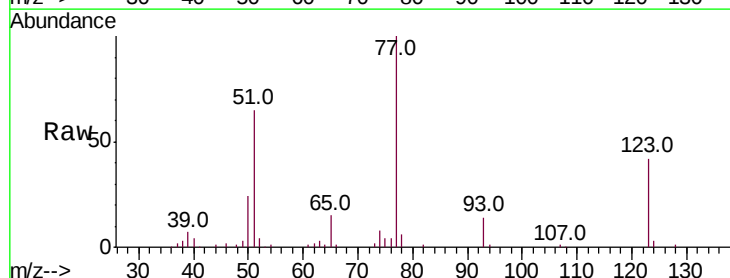
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

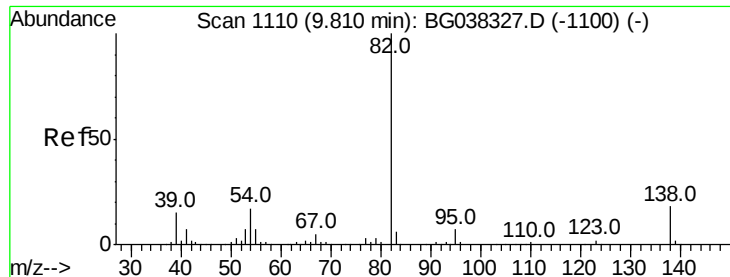
Tot Ion: 82 Resp: 191147
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 51.8
 54 64.2 45.3 67.9



#24
 Nitrobenzene
 Concen: 38.940 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion: 77 Resp: 95863
 Ion Ratio Lower Upper
 77 100
 123 42.3 33.6 50.4
 65 14.9 11.3 16.9





#25

Isophorone

Concen: 39.070 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

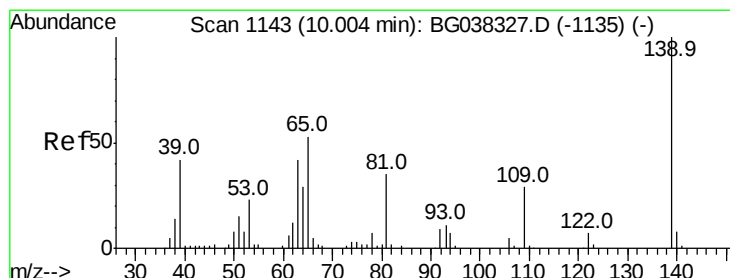
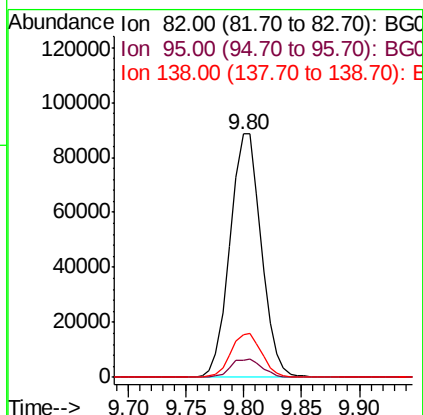
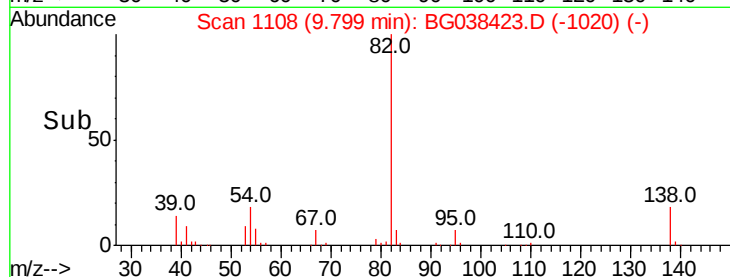
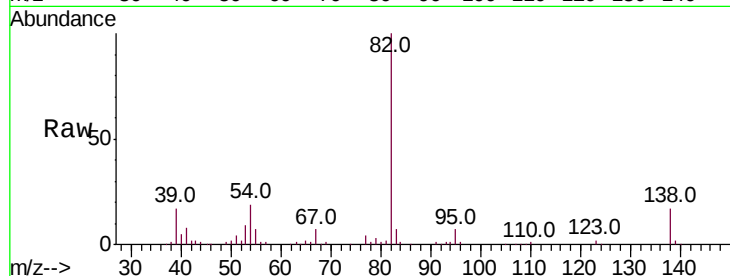
Tot Ion: 82 Resp: 166374

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

138 17.3 13.3 19.9



#26

2-Nitrophenol

Concen: 42.020 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

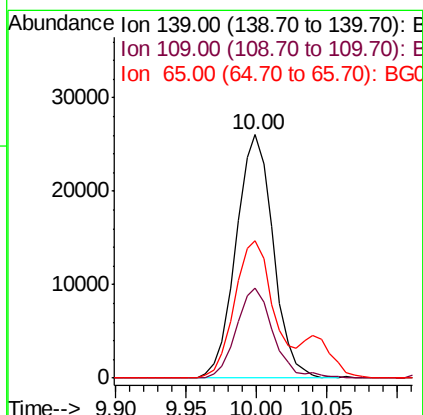
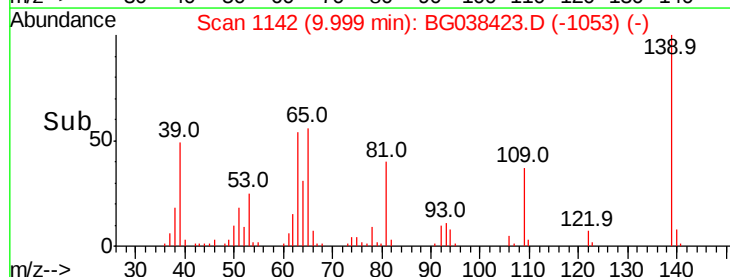
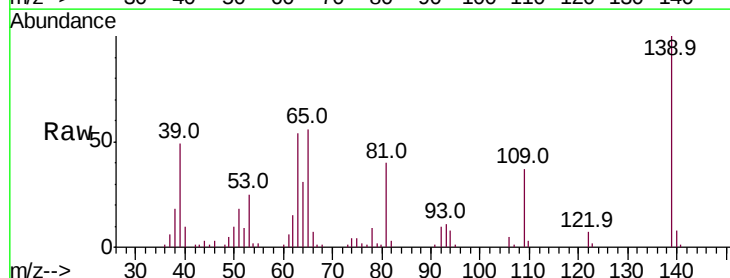
Tgt Ion: 139 Resp: 47932

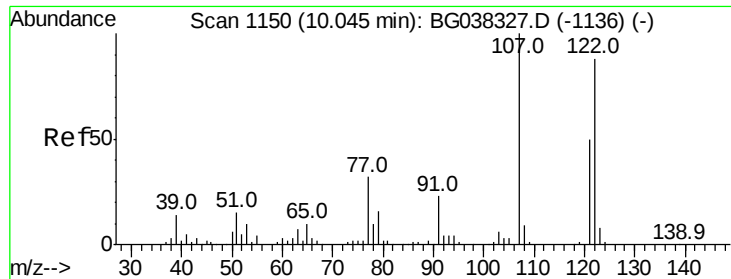
Ion Ratio Lower Upper

139 100

109 36.9 23.3 34.9#

65 56.3 39.8 59.8

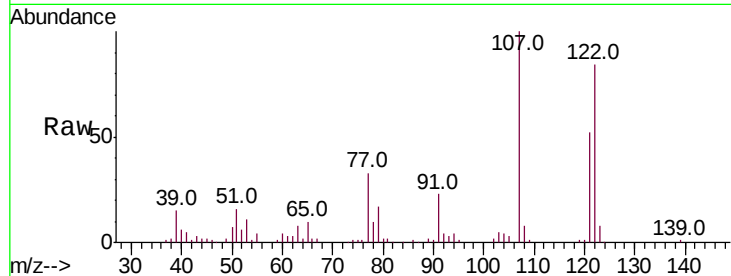




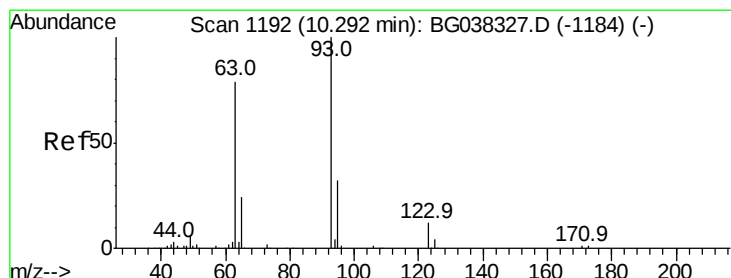
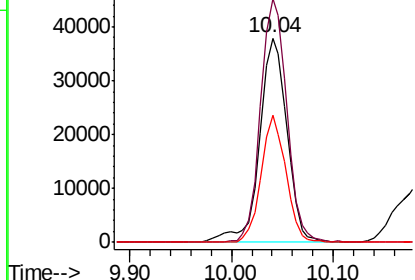
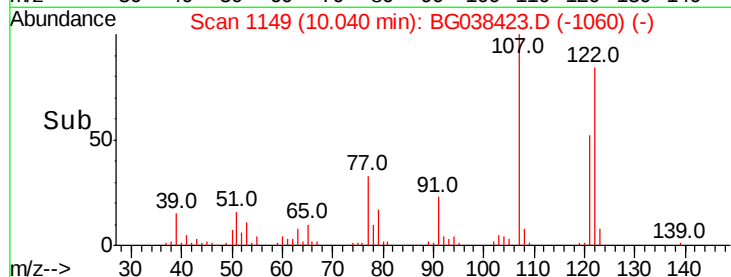
#27
 2,4-Dimethylphenol
 Concen: 43.467 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 71216
 Ion Ratio Lower Upper
 122 100
 107 119.2 94.2 141.2
 121 62.5 47.3 70.9

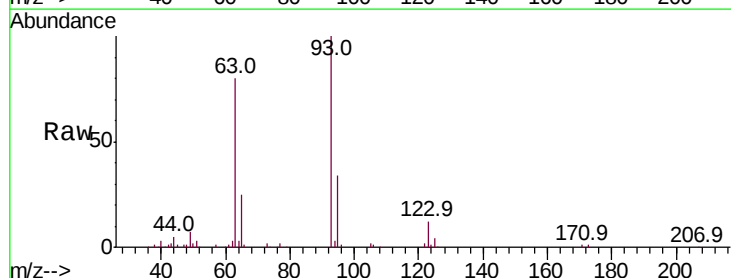


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

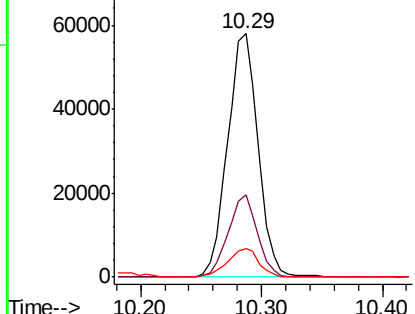
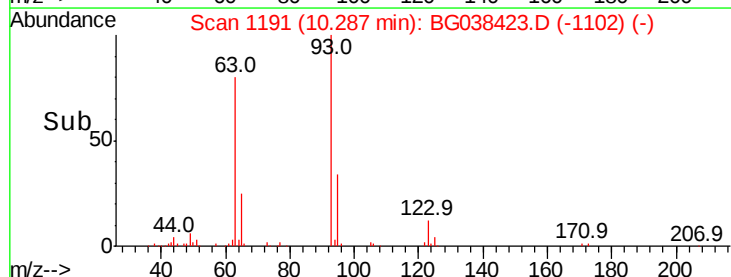


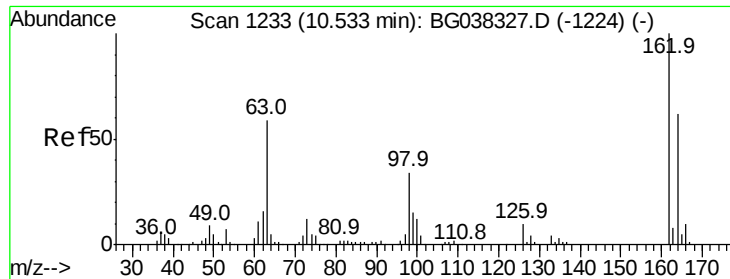
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.688 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion: 93 Resp: 101768
 Ion Ratio Lower Upper
 93 100
 95 34.1 24.6 37.0
 123 11.6 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

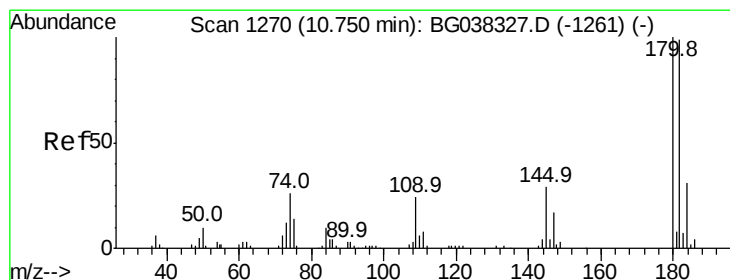
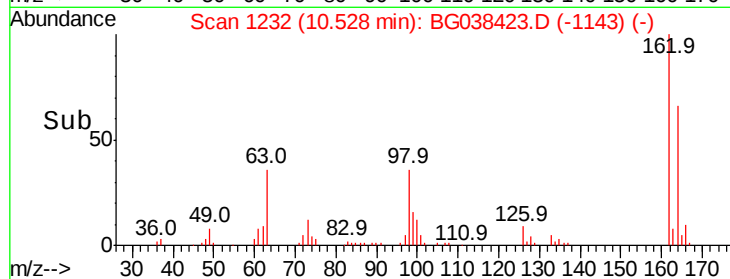
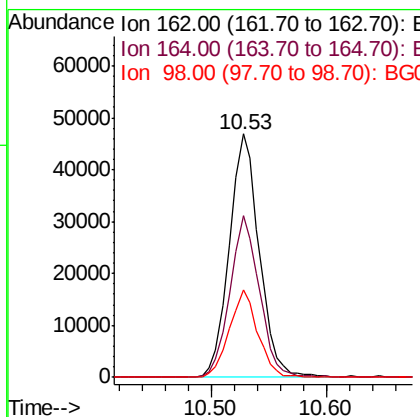
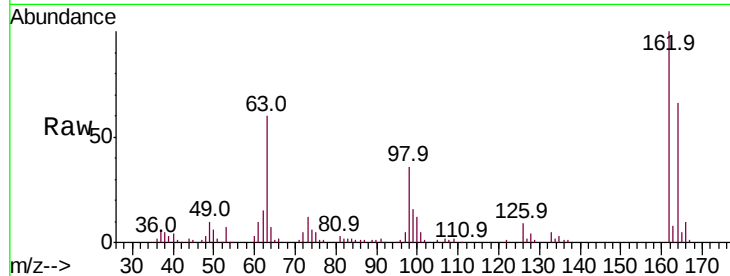




#29
 2,4-Dichlorophenol
 Concen: 45.006 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

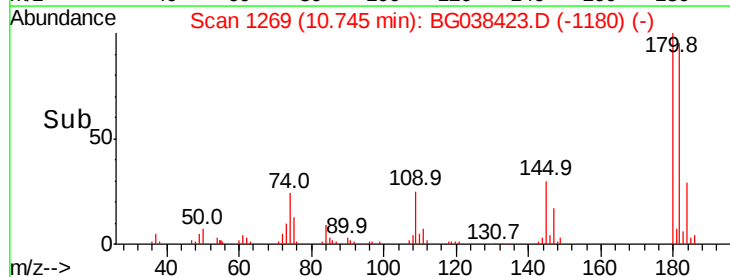
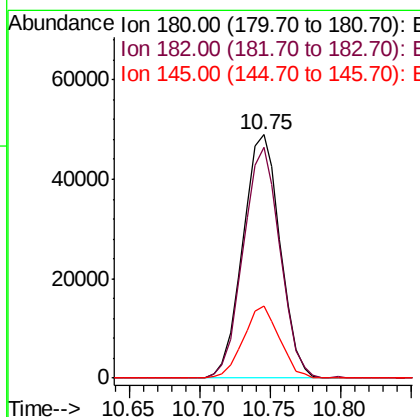
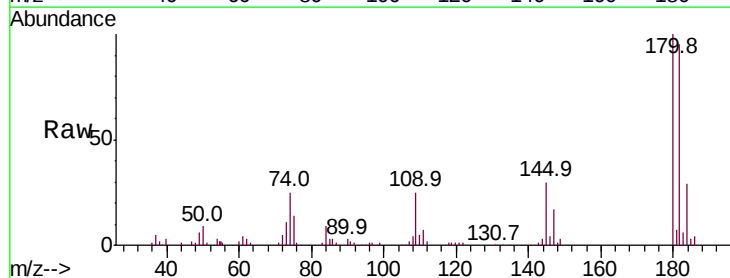
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

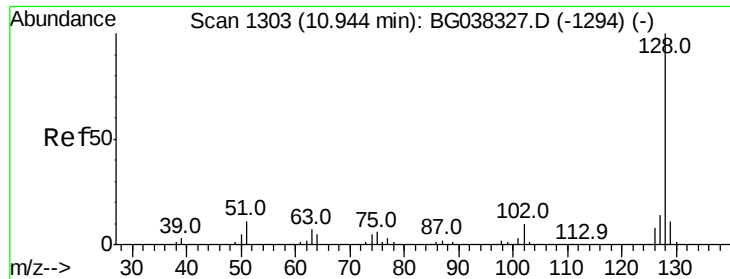
Tot Ion:162 Resp: 84172
 Ion Ratio Lower Upper
 162 100
 164 66.4 43.2 83.2
 98 35.8 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.237 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion:180 Resp: 90535
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.7 116.5
 145 29.6 23.3 34.9

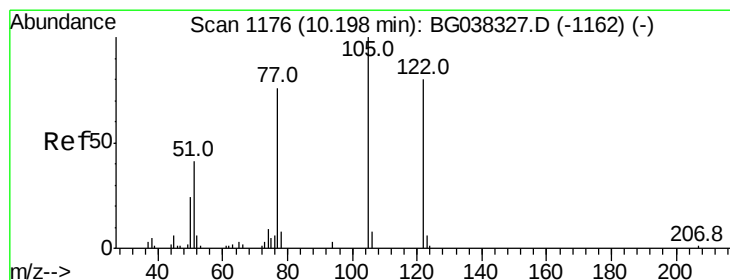
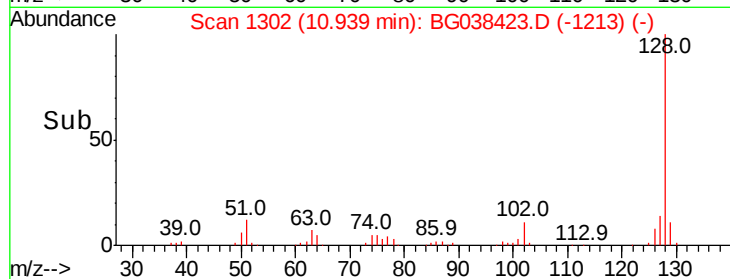
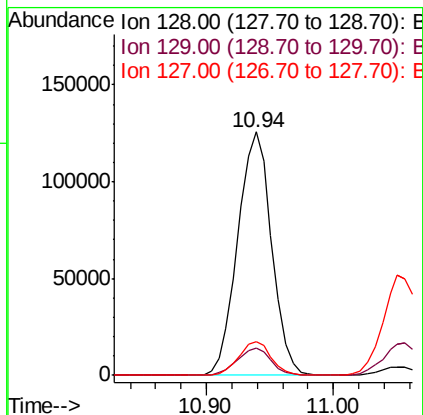
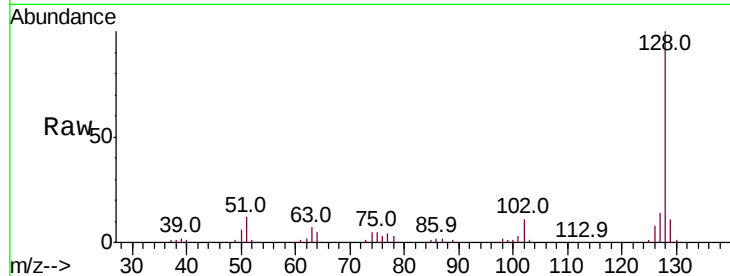




#31
Naphthalene
Concen: 40.503 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

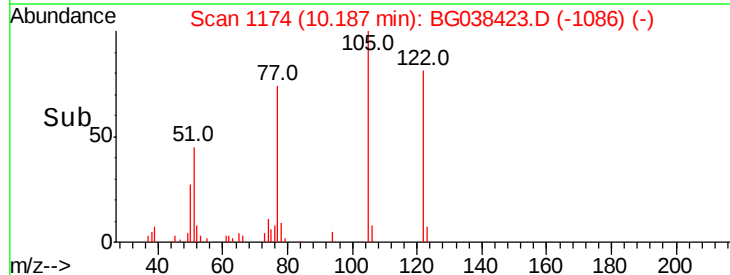
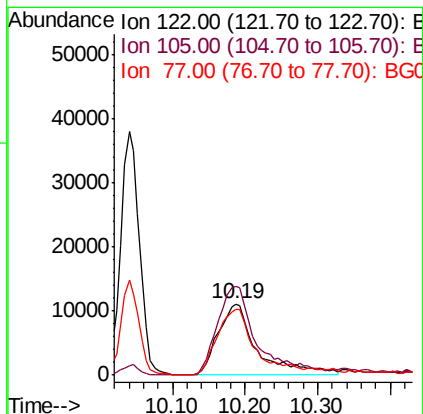
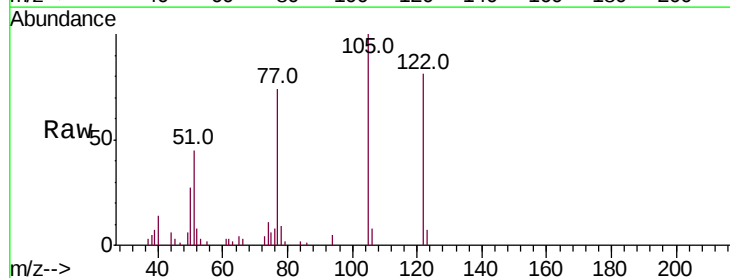
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

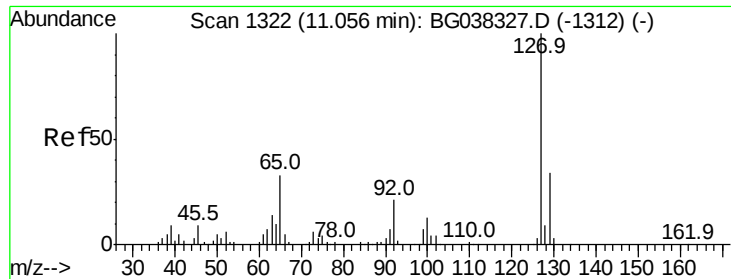
Tot Ion:128 Resp: 232749
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 36.871 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:122 Resp: 41462
Ion Ratio Lower Upper
122 100
105 123.8 106.7 146.7
77 91.6 72.2 112.2

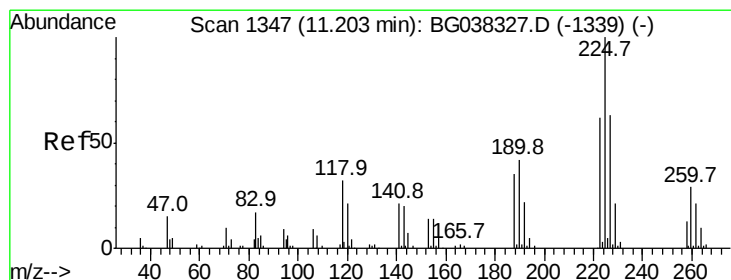
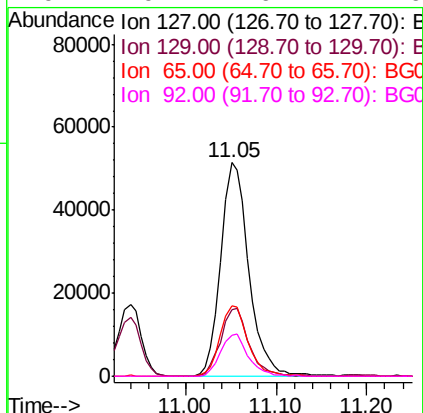
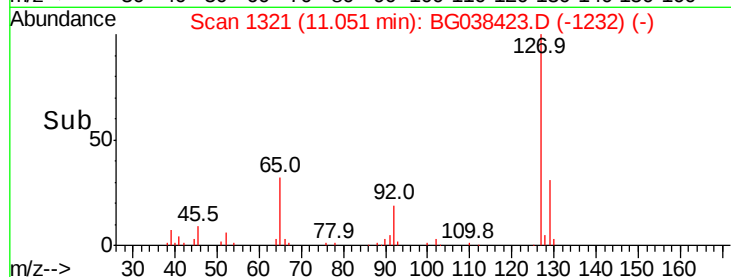
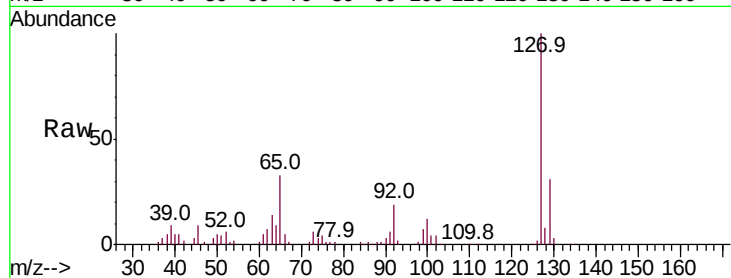




#33
4-Chloroaniline
Concen: 43.619 ng
RT: 11.05 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

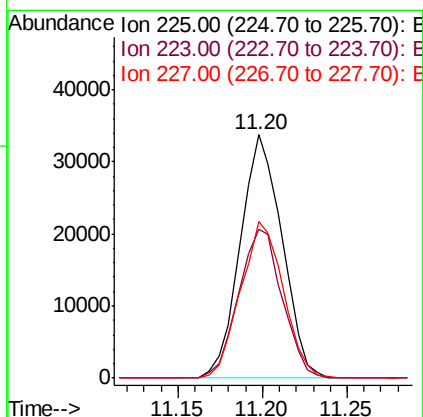
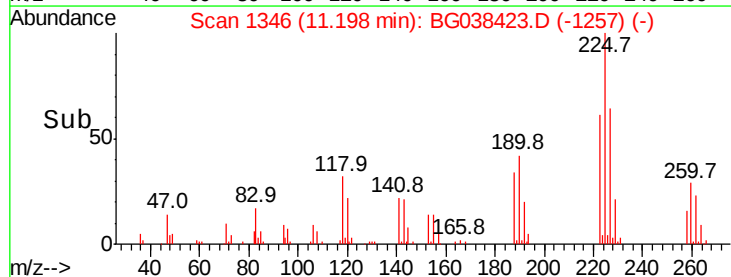
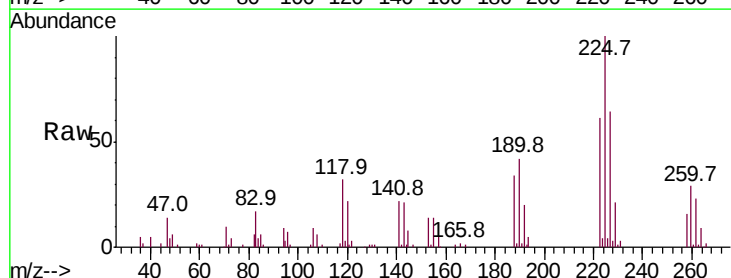
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

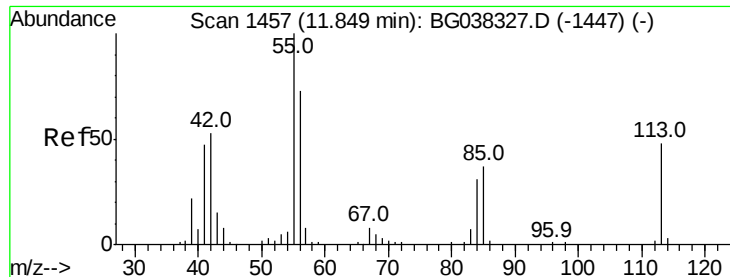
Tot Ion:127 Resp: 110963
Ion Ratio Lower Upper
127 100
129 31.0 27.1 40.7
65 32.7 26.6 39.8
92 19.1 16.4 24.6



#34
Hexachlorobutadiene
Concen: 42.285 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:225 Resp: 58078
Ion Ratio Lower Upper
225 100
223 61.2 48.2 72.4
227 67.0 51.6 77.4





#35

Caprolactam

Concen: 45.698 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

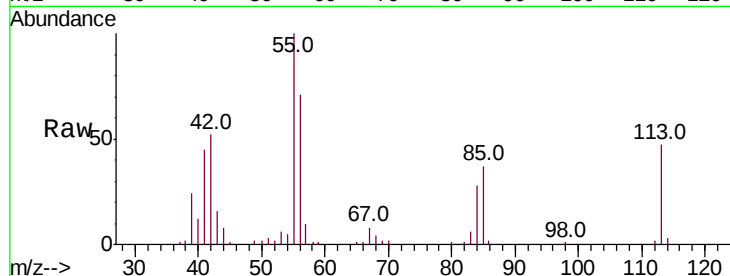
Tot Ion:113 Resp: 35343

Ion Ratio Lower Upper

113 100

55 214.5 176.6 216.6

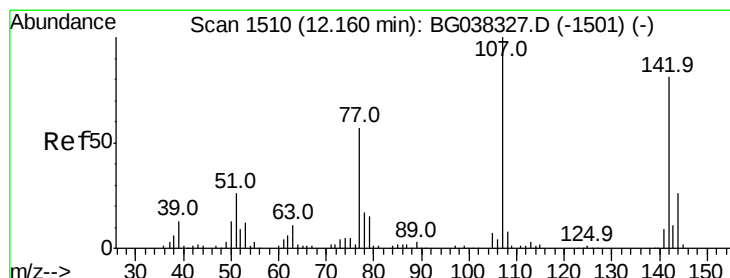
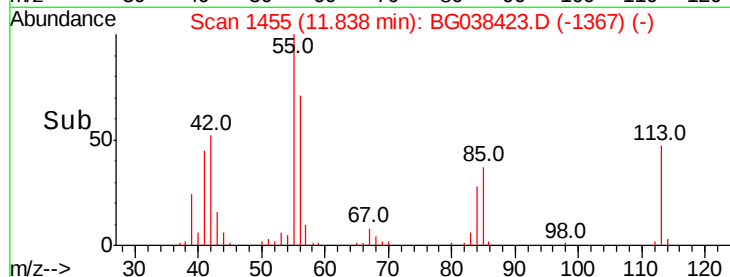
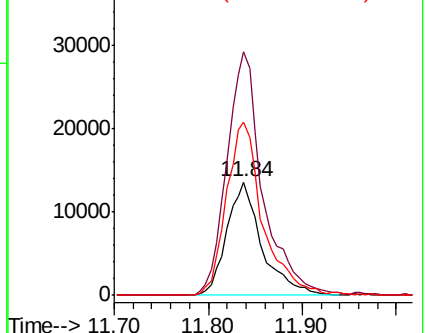
56 152.6 128.3 168.3



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: 43.385 ng

RT: 12.16 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

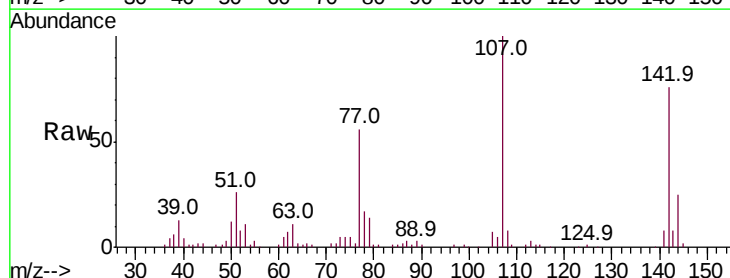
Tgt Ion:107 Resp: 90154

Ion Ratio Lower Upper

107 100

144 25.1 20.7 31.1

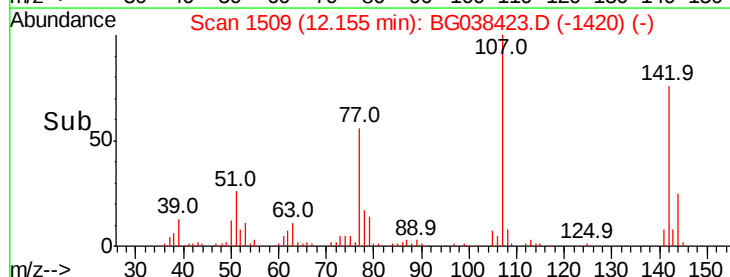
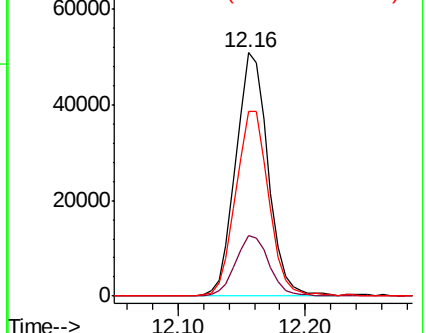
142 75.7 64.4 96.6

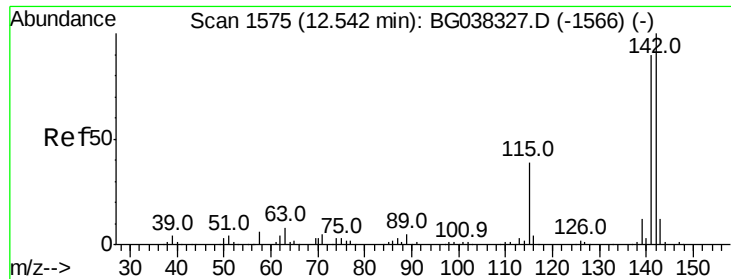


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.652 ng

RT: 12.54 min Scan# 1574

Delta R.T. -0.01 min

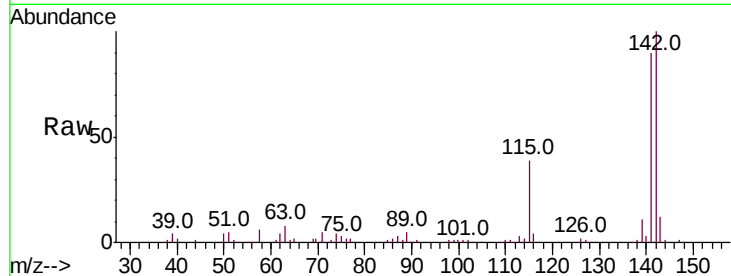
Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 170456

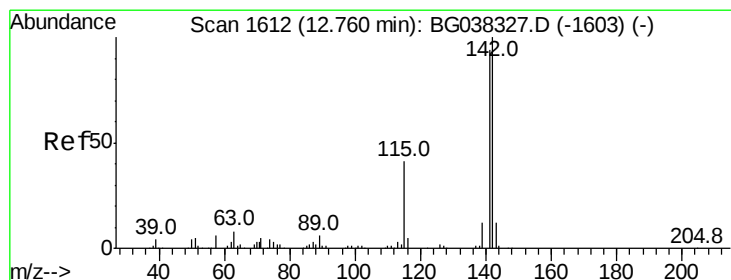
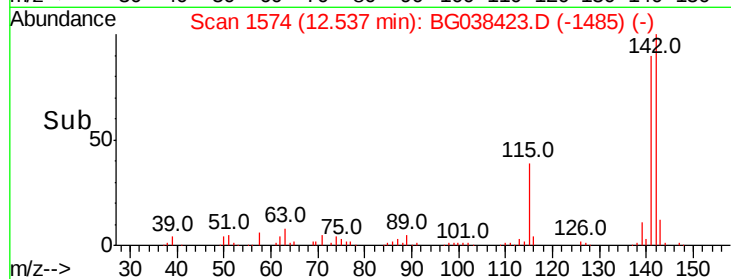
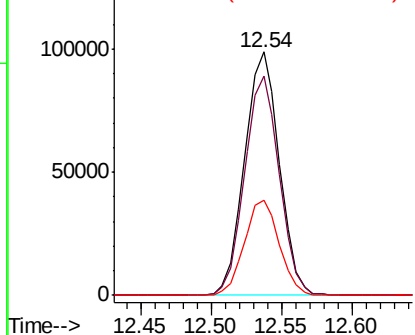
Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	39.1	27.8	41.8



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: 42.247 ng

RT: 12.75 min Scan# 1611

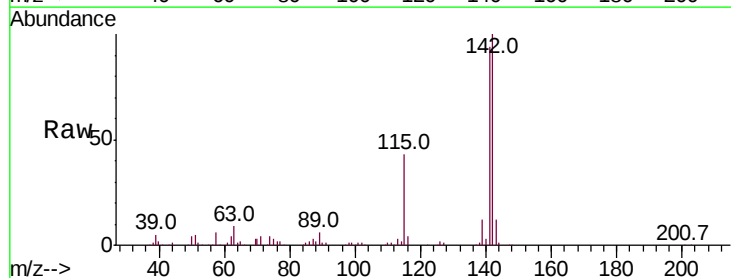
Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Tgt Ion:142 Resp: 165589

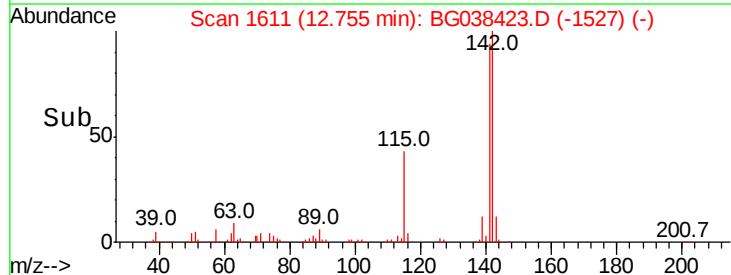
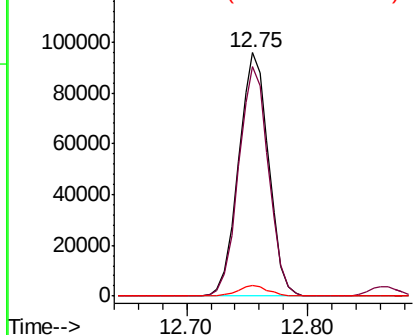
Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.2	112.8
116	4.5	3.3	4.9

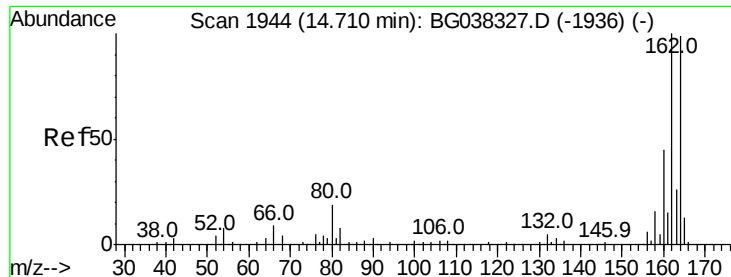


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.71 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

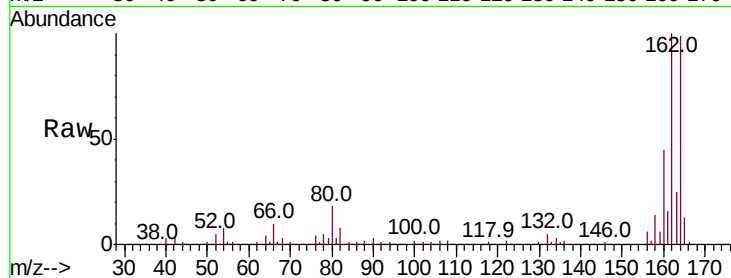
Tot Ion:164 Resp: 80741

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

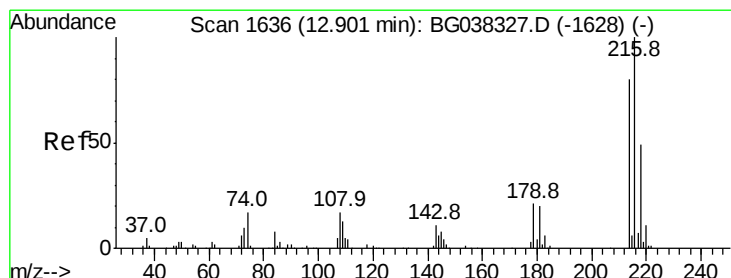
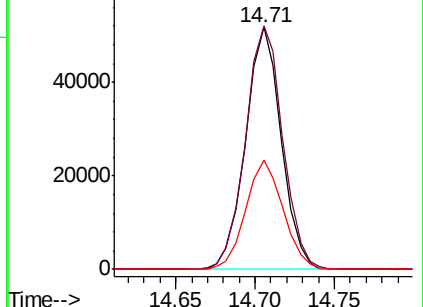
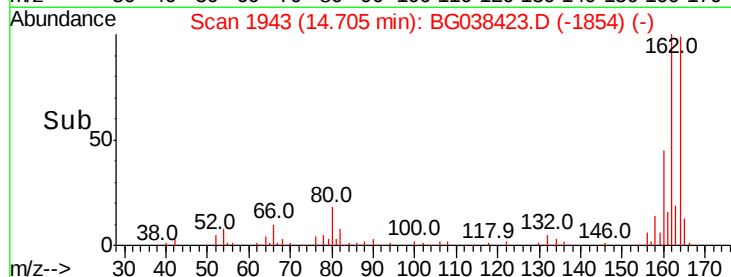
160 45.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.339 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Tgt Ion:216 Resp: 112072

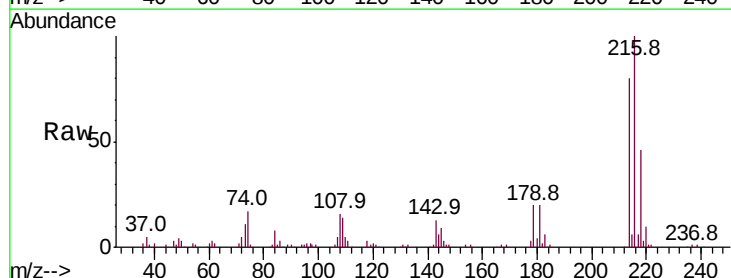
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 20.1 17.4 26.0

108 17.0 13.9 20.9

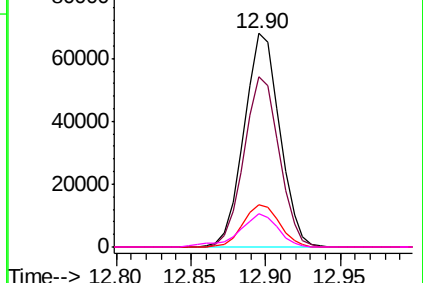
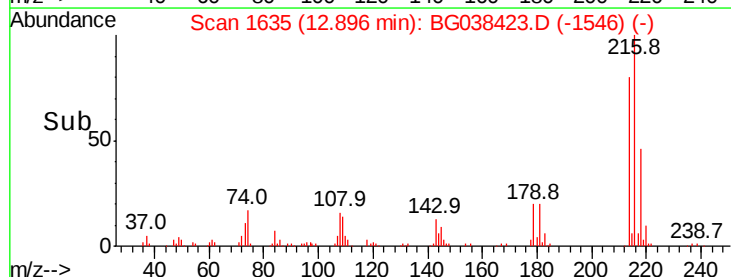


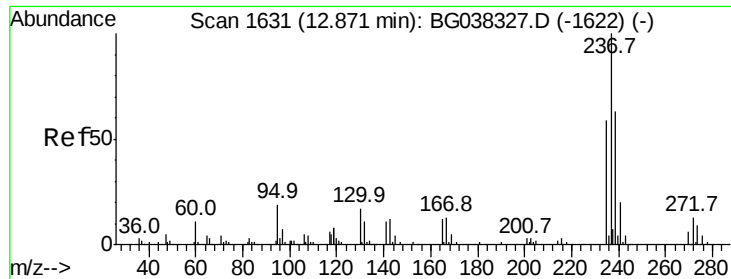
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.204 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

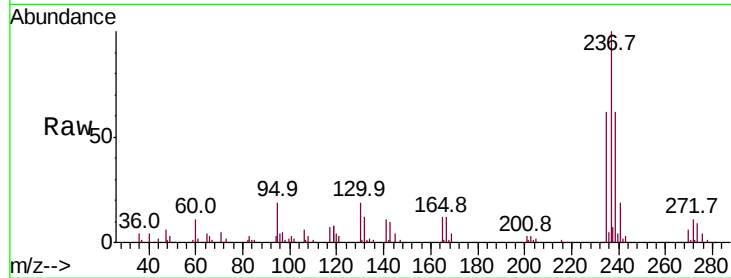
Tot Ion:237 Resp: 59856

Ion Ratio Lower Upper

237 100

235 62.4 42.5 82.5

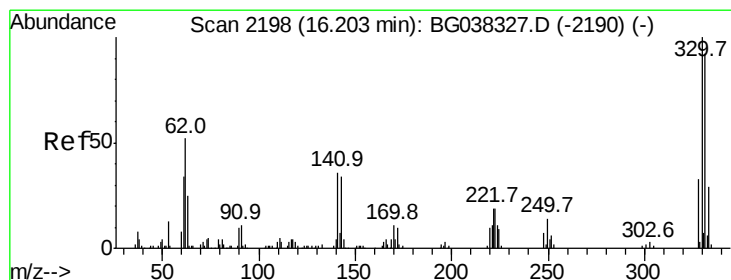
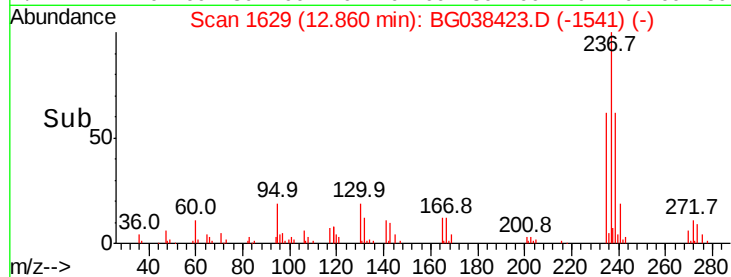
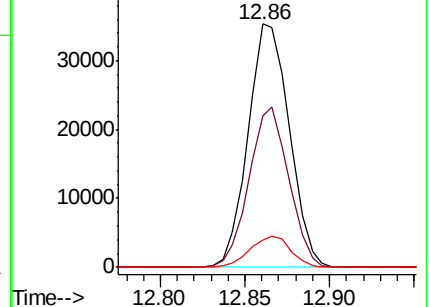
272 11.0 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.270 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

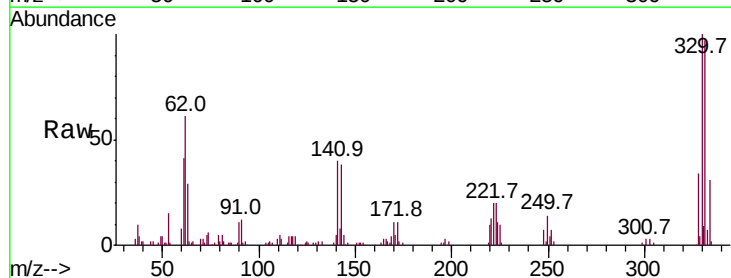
Tgt Ion:330 Resp: 84519

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

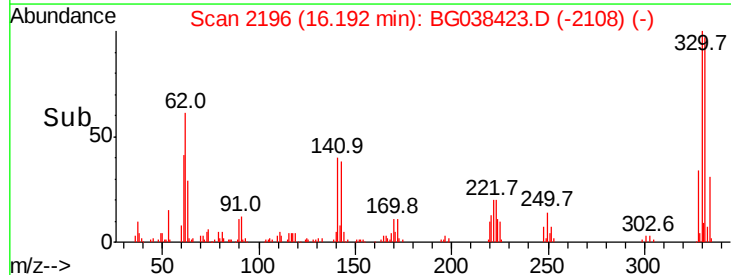
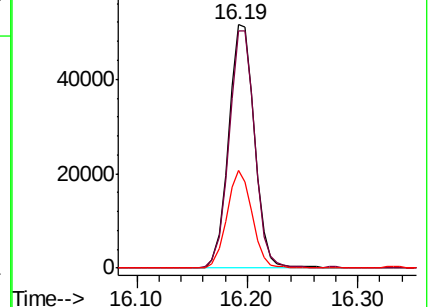
141 38.9 32.2 48.2

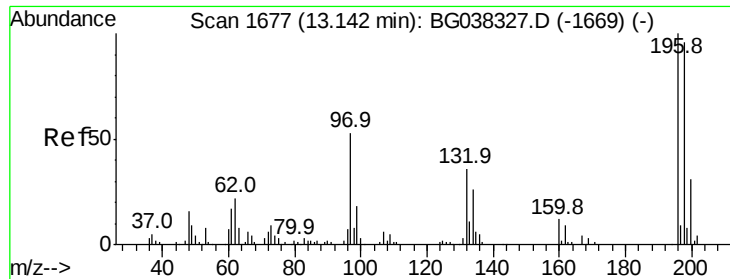


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

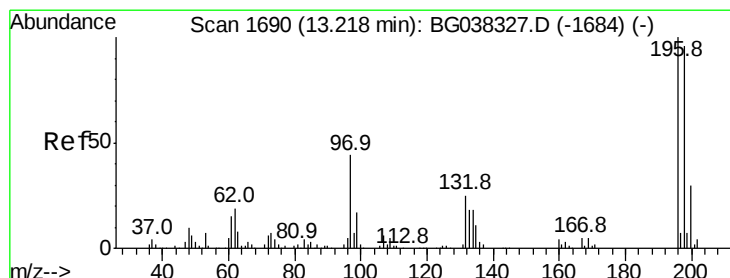
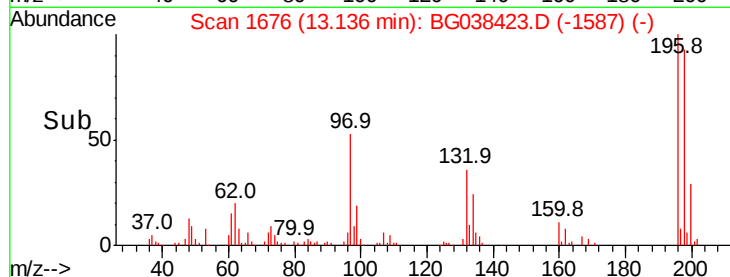
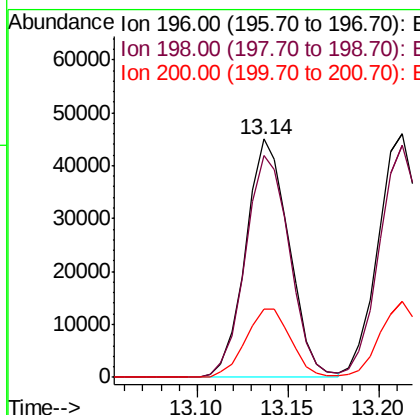
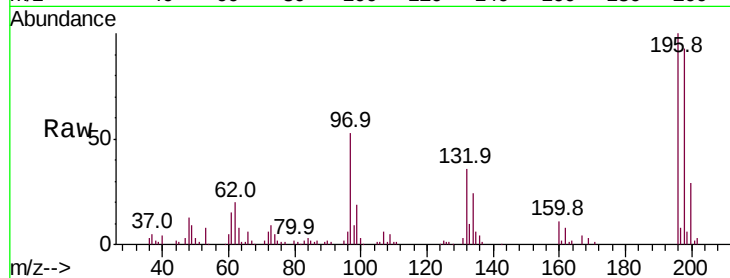




#43
 2,4,6-Trichlorophenol
 Concen: 41.573 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

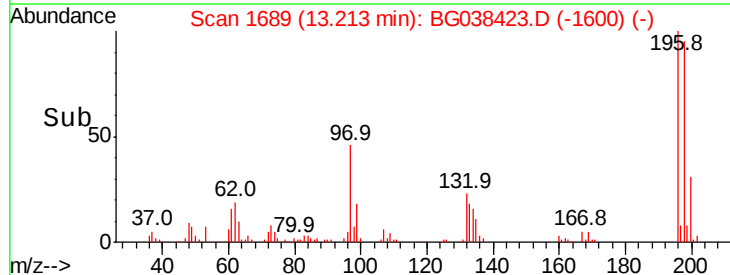
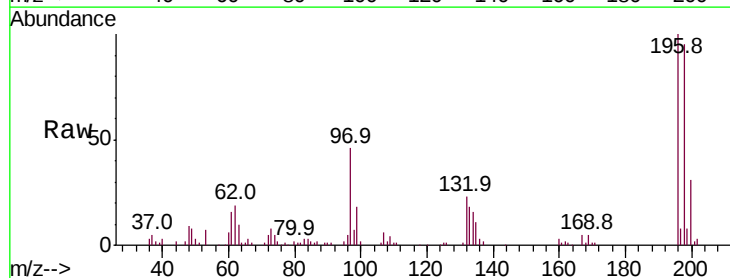
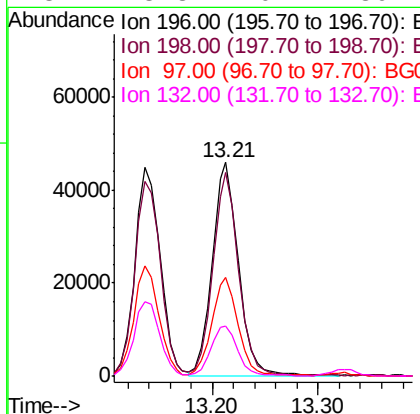
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

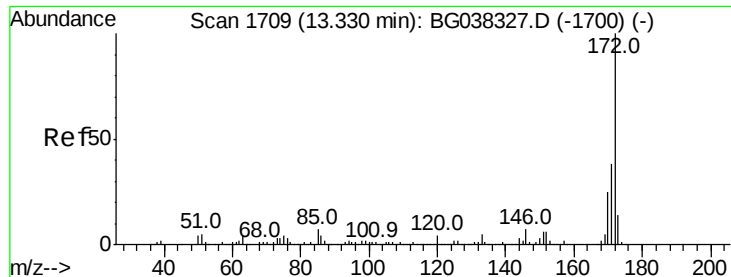
Tot Ion:196 Resp: 74820
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.4 114.6
 200 28.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.028 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion:196 Resp: 80131
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.2 111.2
 97 46.1 34.1 51.1
 132 23.3 20.2 30.4

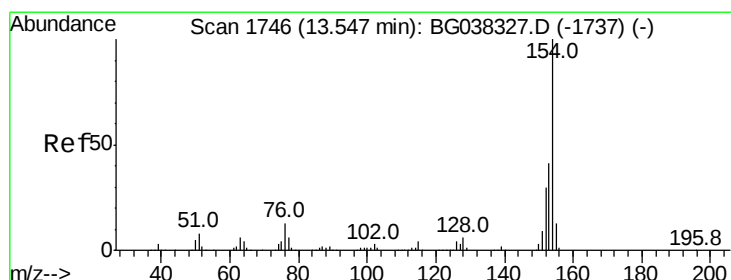
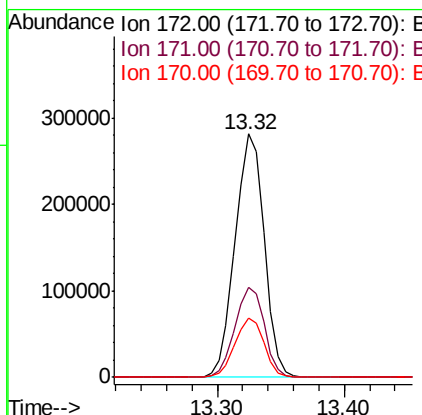
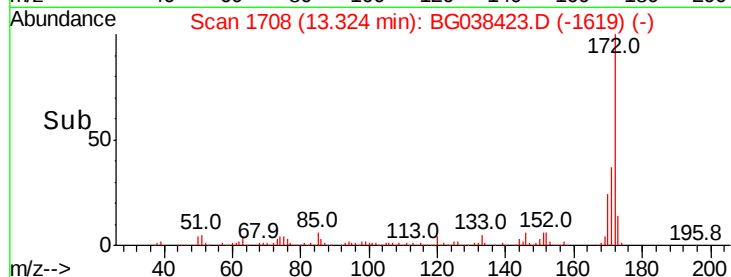
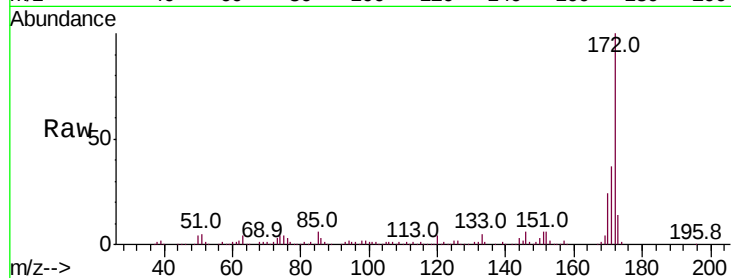




#45
2-Fluorobiphenyl
Concen: 78.797 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

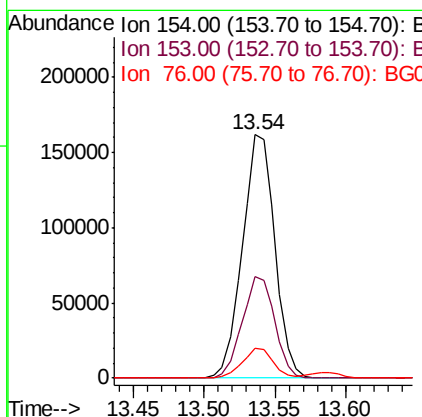
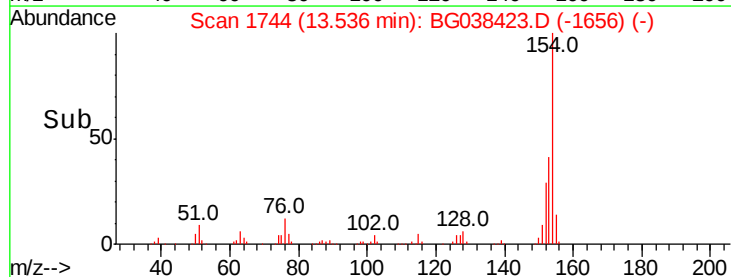
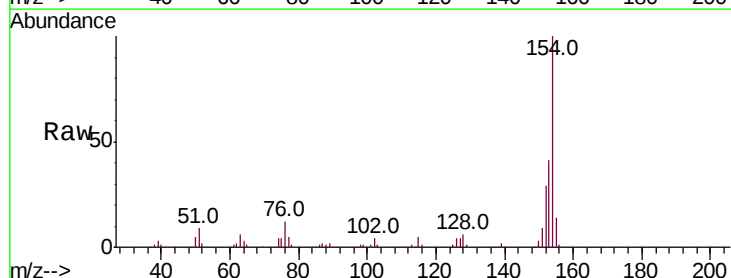
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

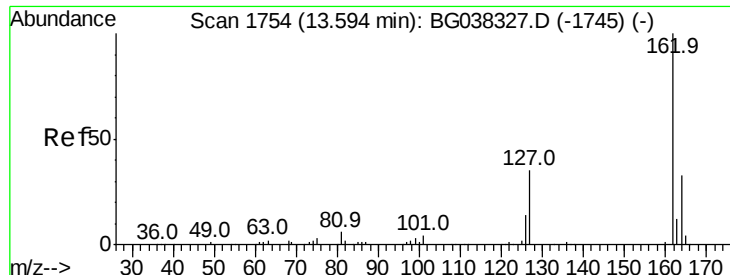
Tot Ion:172 Resp: 446492
Ion Ratio Lower Upper
172 100
171 37.0 31.0 46.4
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 38.030 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:154 Resp: 259550
Ion Ratio Lower Upper
154 100
153 41.5 22.1 62.1
76 12.2 0.0 33.2





#47

2-Chloronaphthalene

Concen: 39.188 ng

RT: 13.59 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

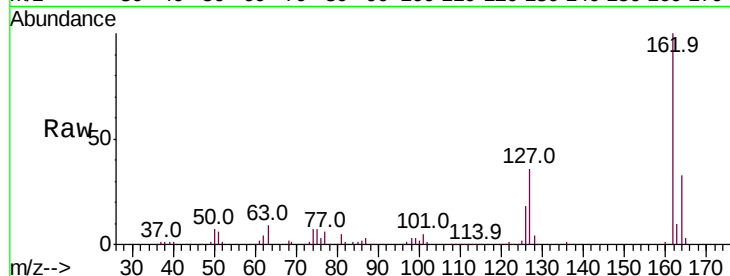
Tot Ion:162 Resp: 201819

Ion Ratio Lower Upper

162 100

127 35.6 30.5 45.7

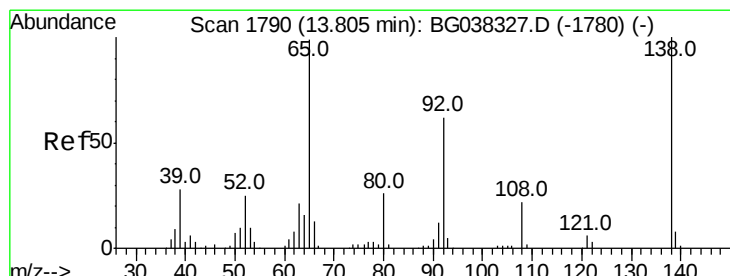
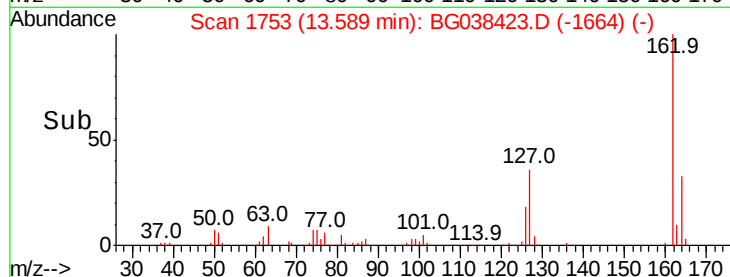
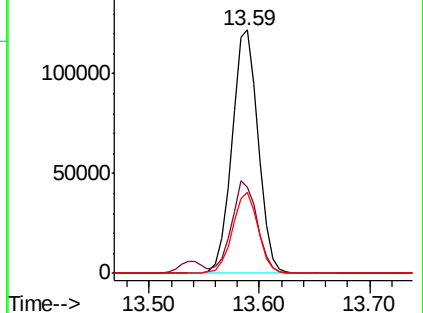
164 33.1 26.4 39.6



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: 40.884 ng

RT: 13.80 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

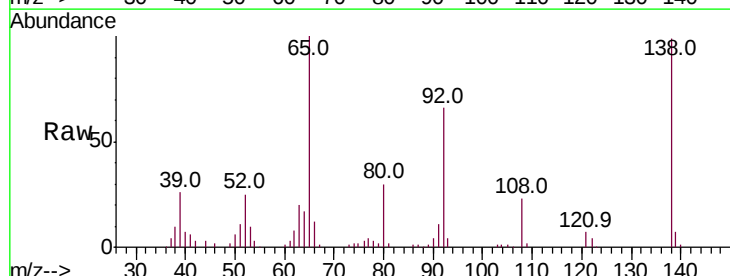
Tgt Ion: 65 Resp: 70640

Ion Ratio Lower Upper

65 100

92 65.8 53.2 79.8

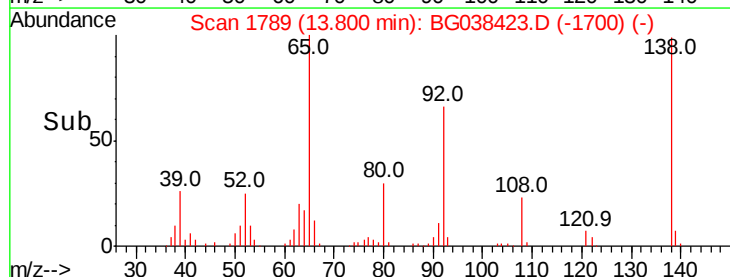
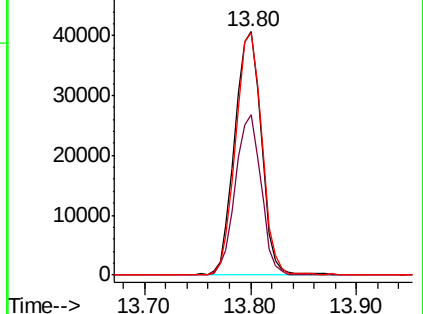
138 99.5 79.3 118.9

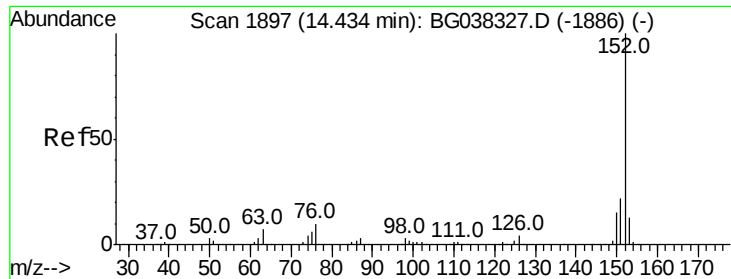


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.631 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

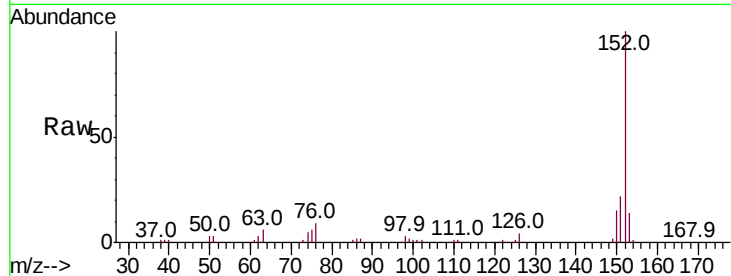
Tot Ion:152 Resp: 307398

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7

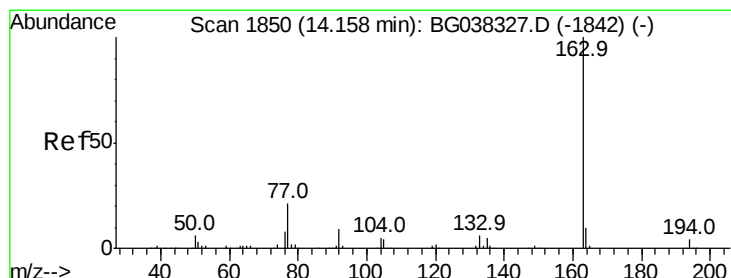
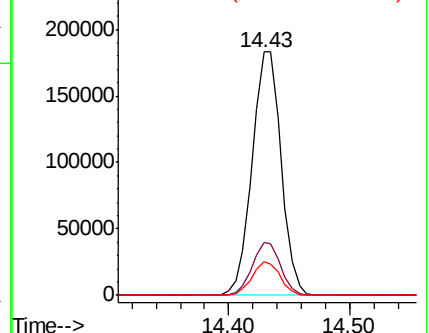
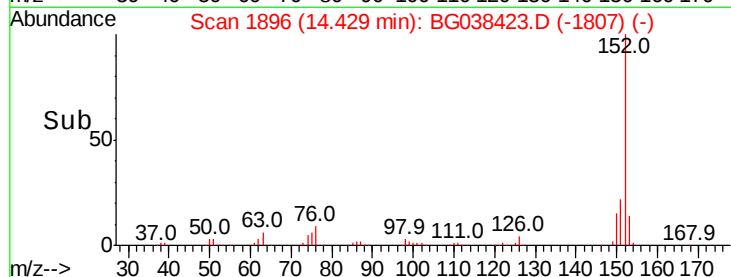
153 13.8 11.1 16.7



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: 39.700 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

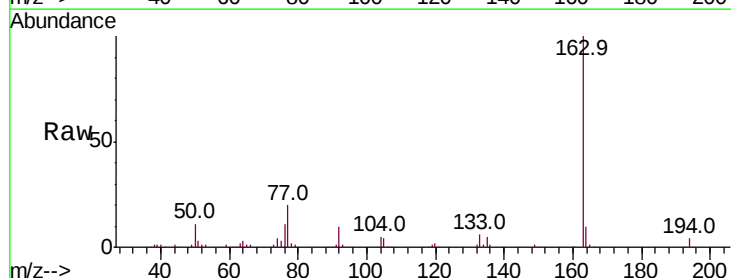
Tgt Ion:163 Resp: 257105

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

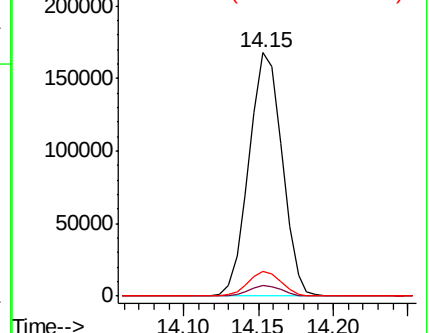
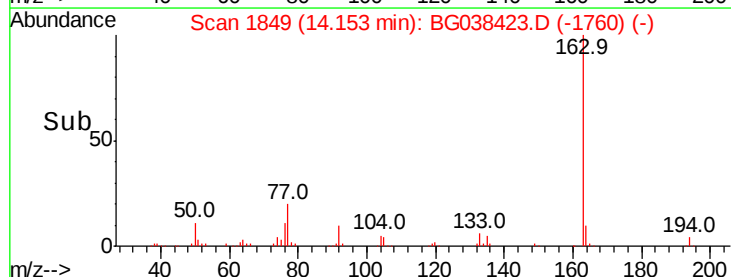
164 10.2 8.5 12.7

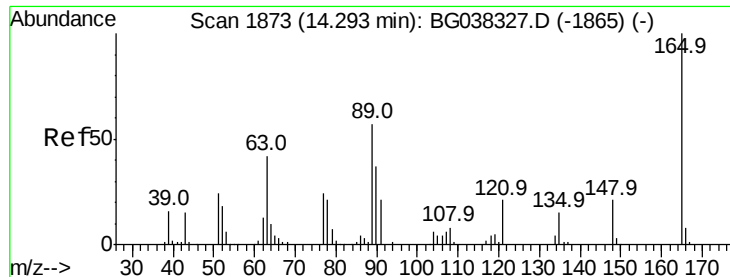


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

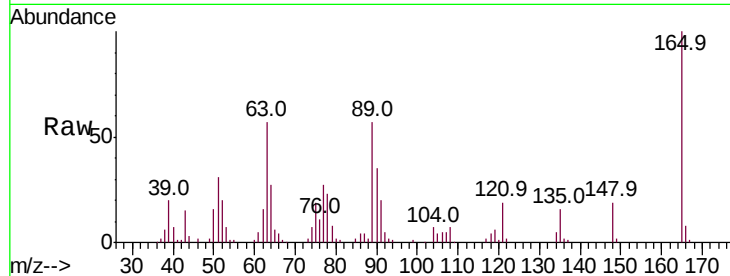




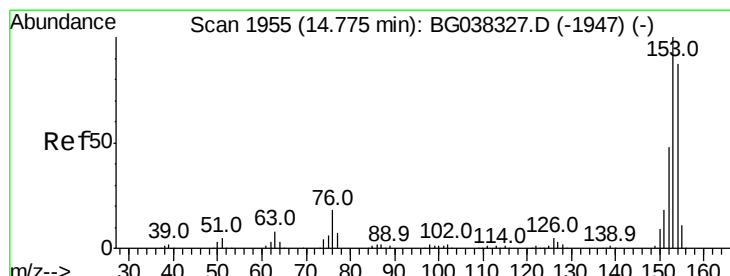
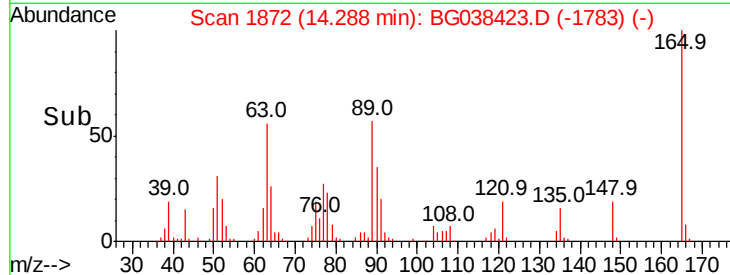
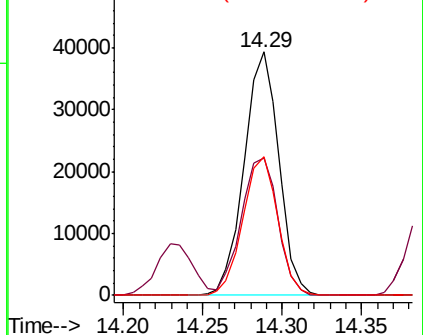
#51
 2,6-Dinitrotoluene
 Concen: 40.514 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 59934
 Ion Ratio Lower Upper
 165 100
 63 56.7 43.4 65.2
 89 56.8 45.8 68.6

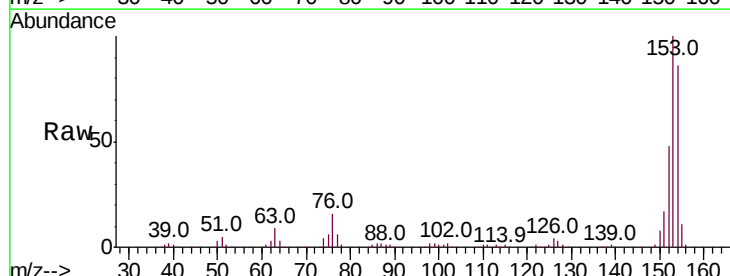


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

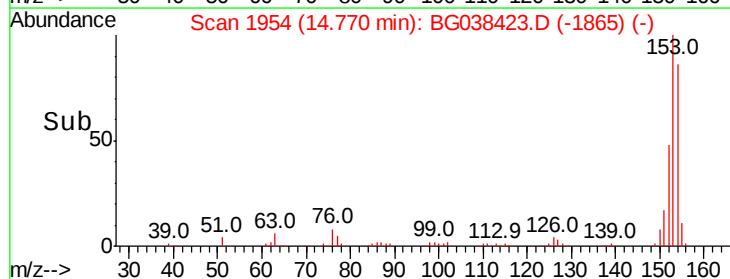
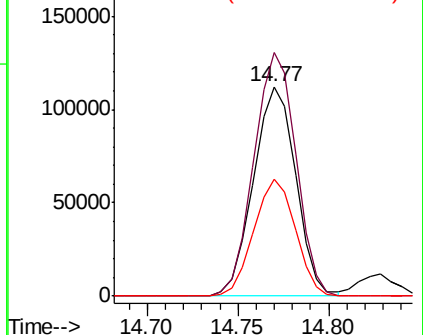


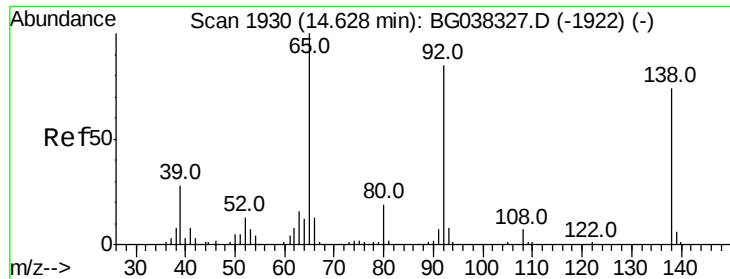
#52
 Acenaphthene
 Concen: 38.581 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion:154 Resp: 182429
 Ion Ratio Lower Upper
 154 100
 153 116.1 93.4 140.0
 152 55.9 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.328 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

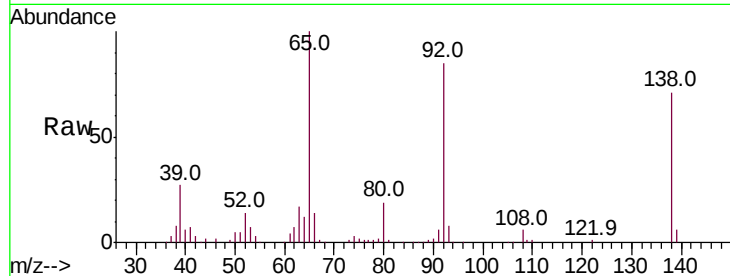
Tot Ion:138 Resp: 62658

Ion Ratio Lower Upper

138 100

108 8.8 11.0 16.6#

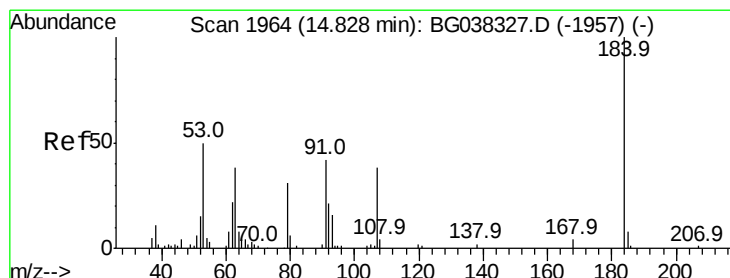
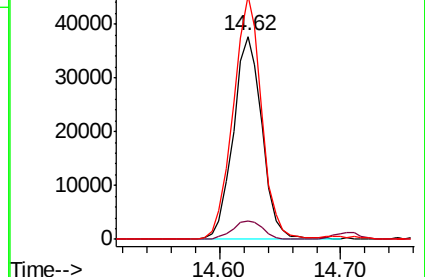
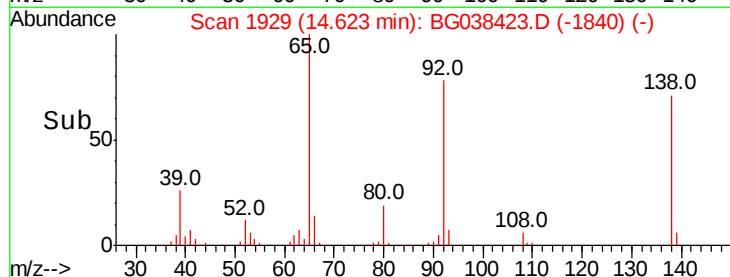
92 120.1 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 38.379 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

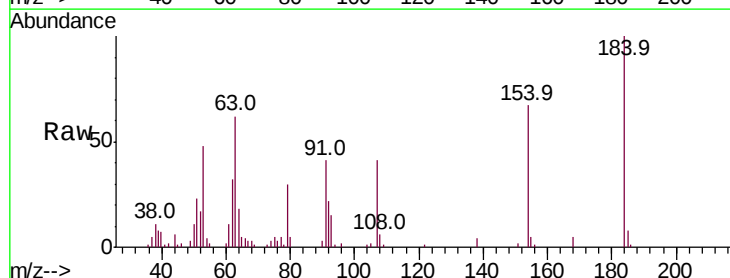
Tgt Ion:184 Resp: 31123

Ion Ratio Lower Upper

184 100

63 62.3 42.6 63.8

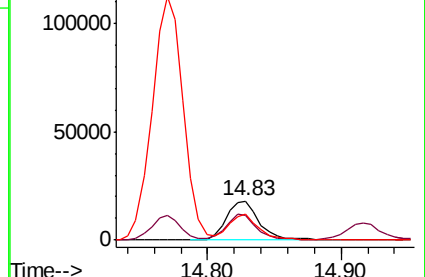
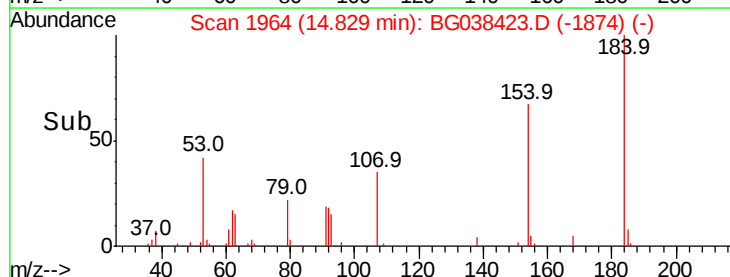
154 67.3 41.8 62.6#

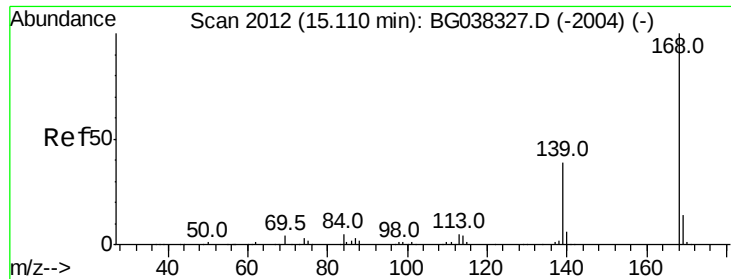


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

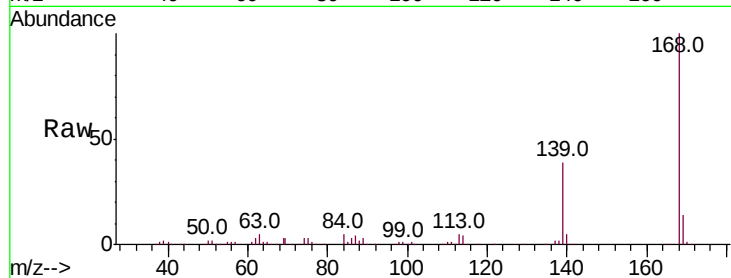




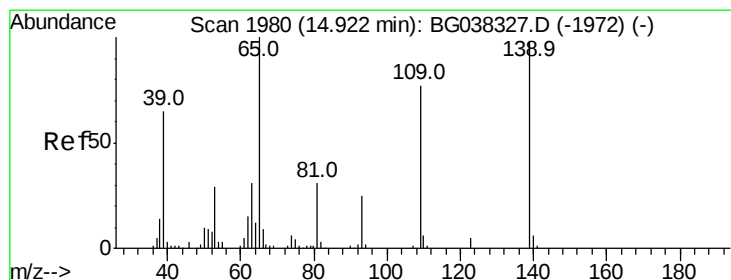
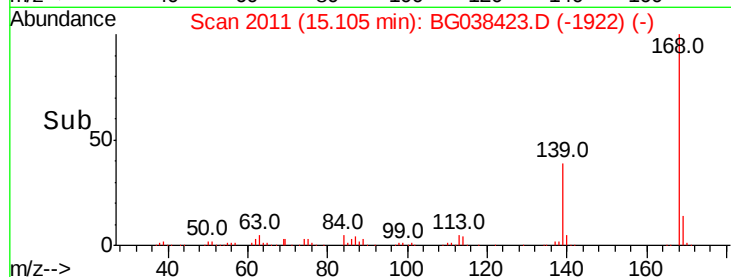
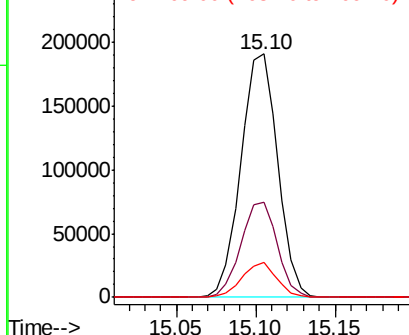
#55
Dibenzenofuran
Concen: 39.457 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 308447
Ion Ratio Lower Upper
168 100
139 39.1 29.4 44.0
169 14.3 11.0 16.6

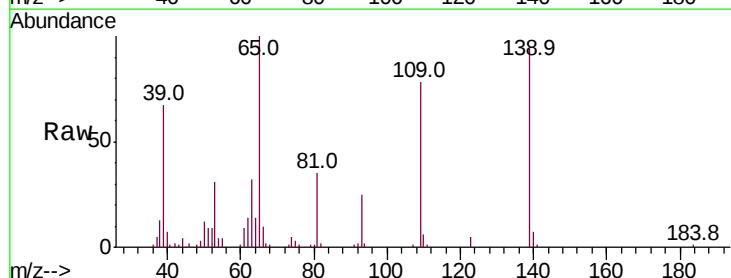


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

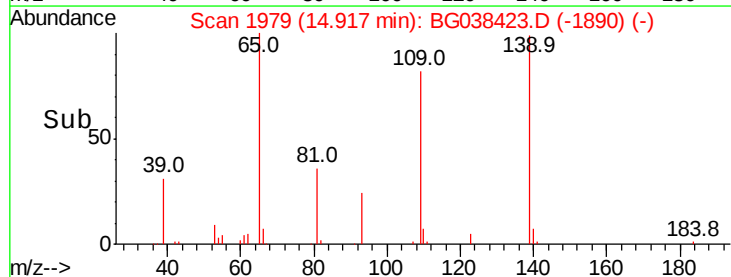
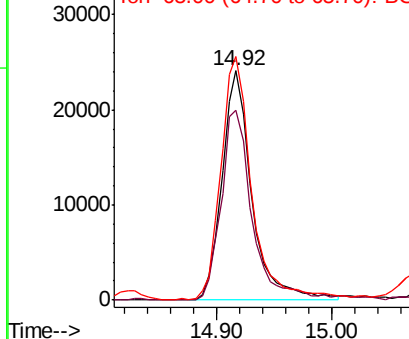


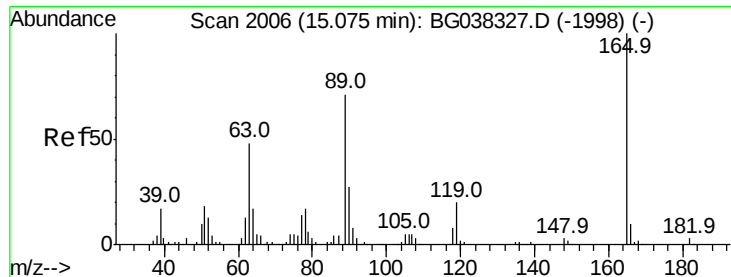
#56
4-Nitrophenol
Concen: 34.318 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:139 Resp: 43192
Ion Ratio Lower Upper
139 100
109 82.6 49.5 89.5
65 106.1 76.8 116.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

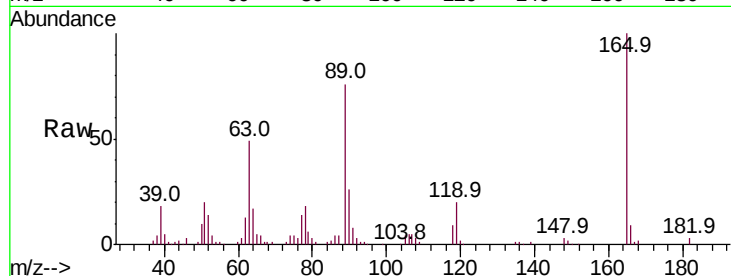




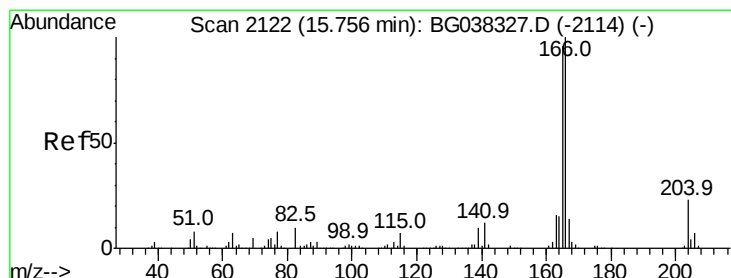
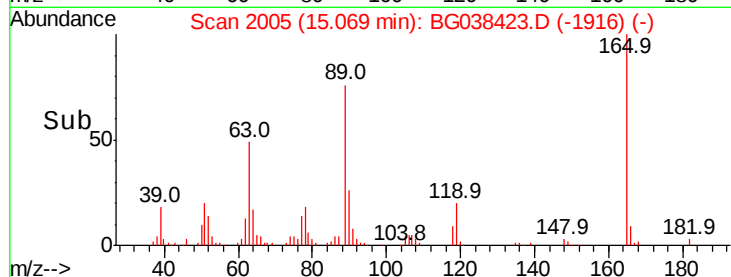
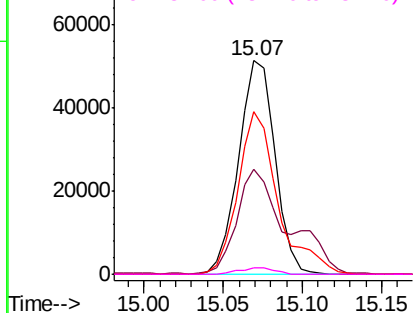
#57
2,4-Dinitrotoluene
Concen: 40.072 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 81762
Ion Ratio Lower Upper
165 100
63 49.2 33.4 50.0
89 76.2 57.2 85.8
182 3.0 2.6 4.0

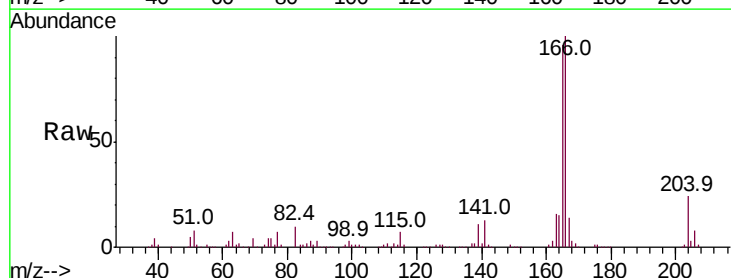


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

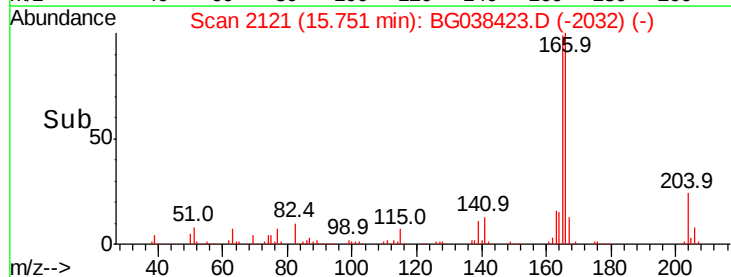
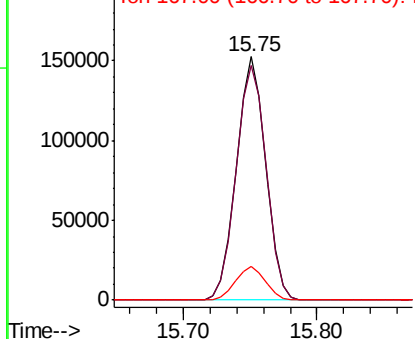


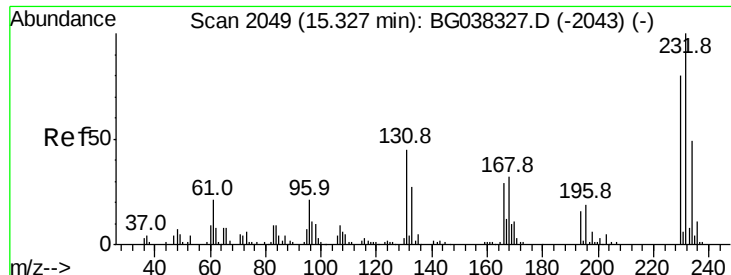
#58
Fluorene
Concen: 40.220 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:166 Resp: 231640
Ion Ratio Lower Upper
166 100
165 96.4 79.0 118.6
167 13.7 11.3 16.9



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

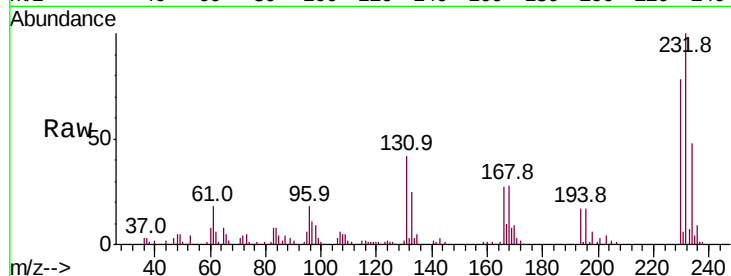




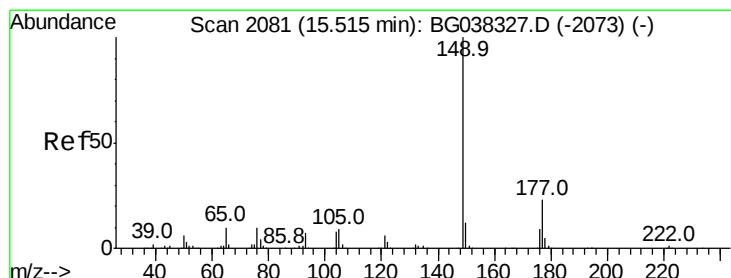
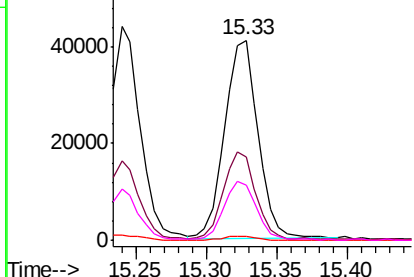
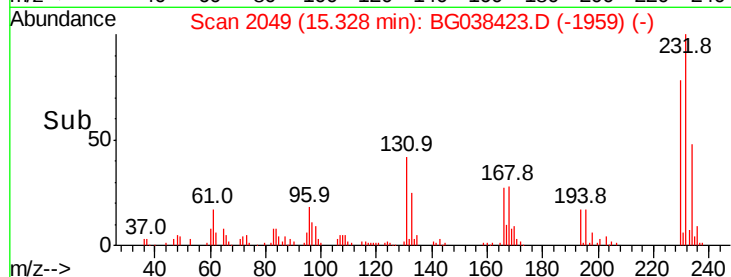
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.976 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 67854
 Ion Ratio Lower Upper
 232 100
 131 41.4 33.7 50.5
 130 2.3 2.1 3.1
 166 29.5 24.6 36.8

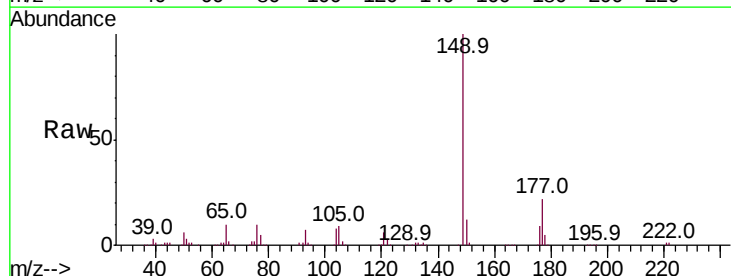


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

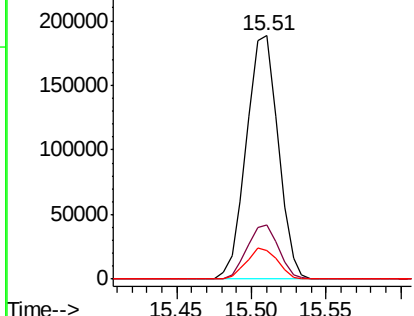
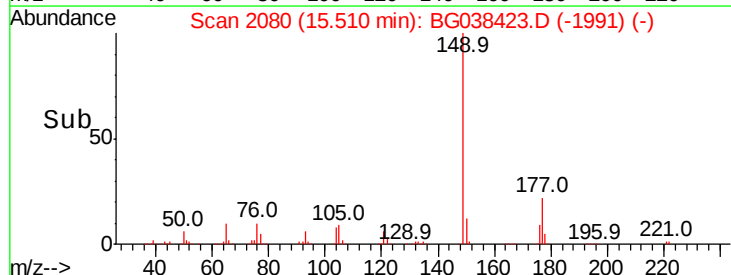


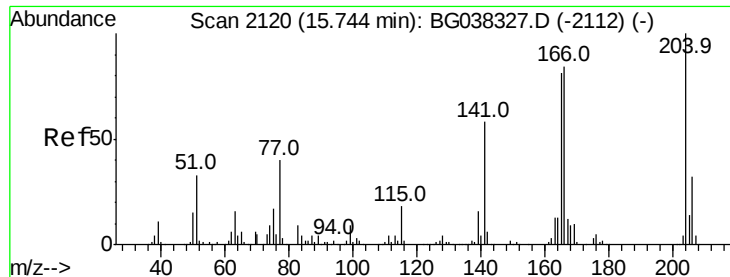
#60
 Diethylphthalate
 Concen: 38.660 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion:149 Resp: 277378
 Ion Ratio Lower Upper
 149 100
 177 22.1 18.3 27.5
 150 12.0 10.0 15.0



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

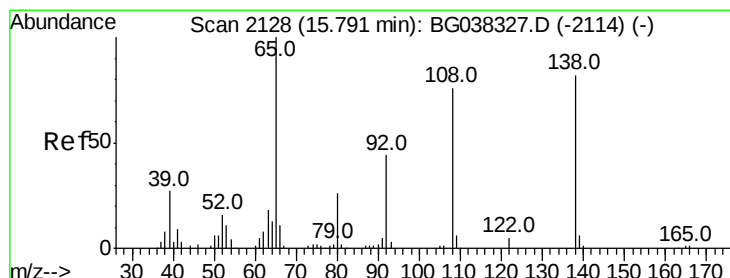
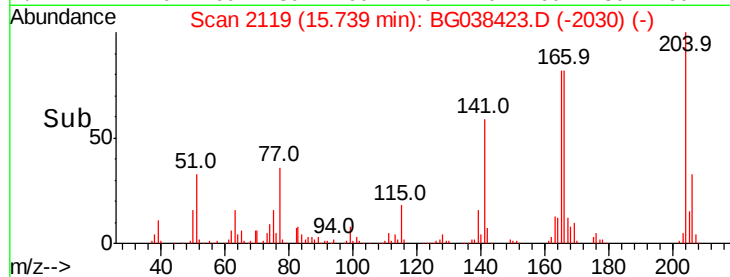
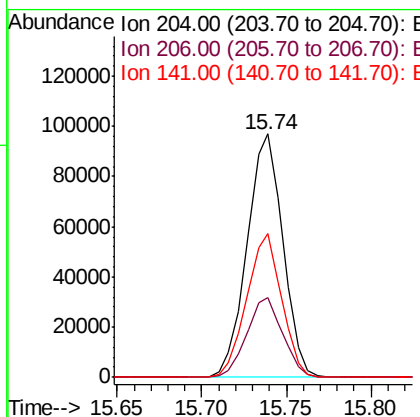
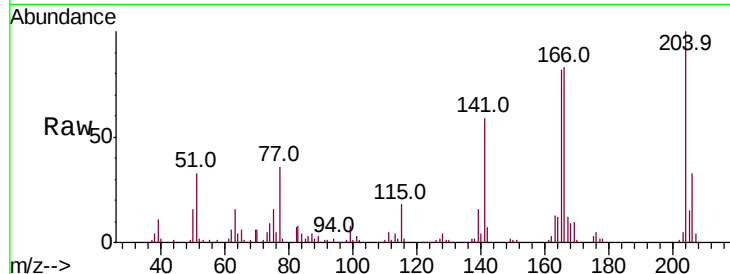




#61
 4-Chlorophenyl-phenylether
 Concen: 41.327 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

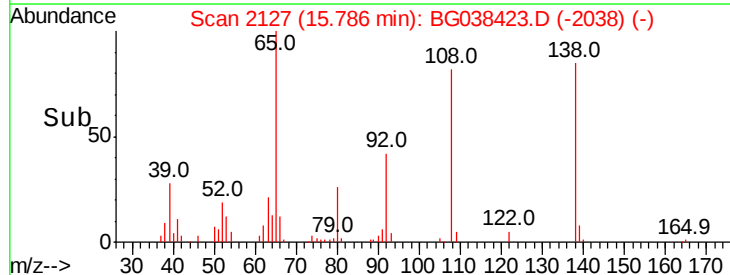
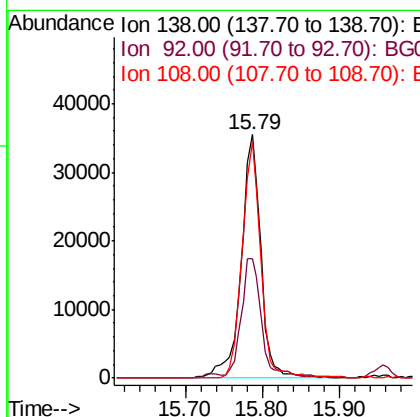
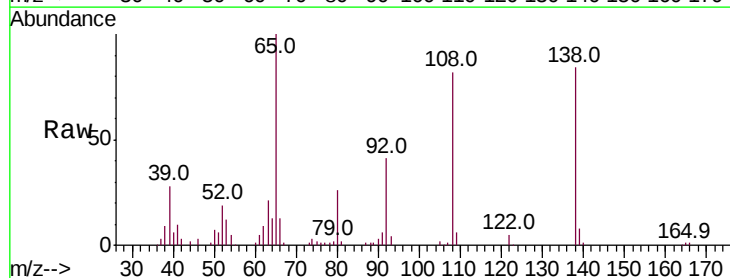
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

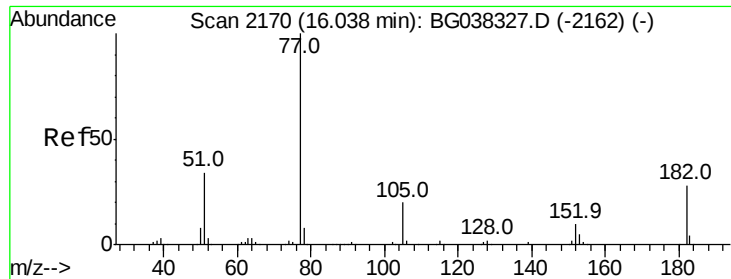
Tot Ion:	204	Resp:	142965
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	59.3	45.4	68.2



#62
 4-Nitroaniline
 Concen: 40.562 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion:	138	Resp:	63563
Ion	Ratio	Lower	Upper
138	100		
92	49.0	36.4	76.4
108	96.7	60.1	100.1





#63

Azobenzene

Concen: 38.328 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 240668

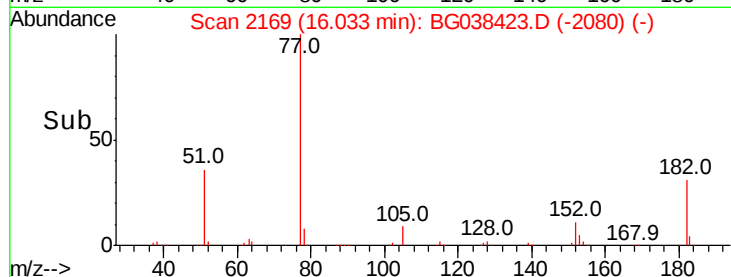
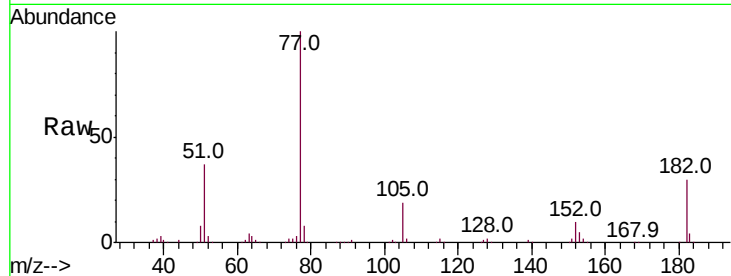
Ion Ratio Lower Upper

77 100

182 29.7 8.0 48.0

105 18.9 1.3 41.3

51 37.3 10.7 50.7

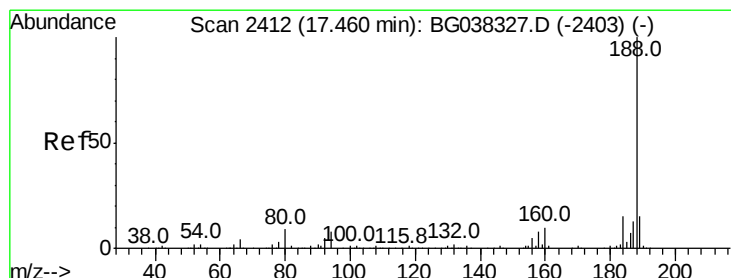
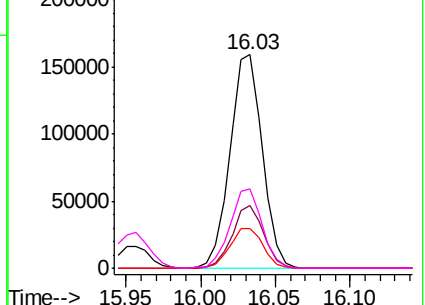


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2411

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

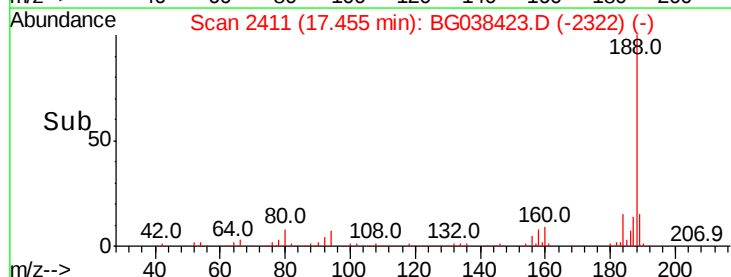
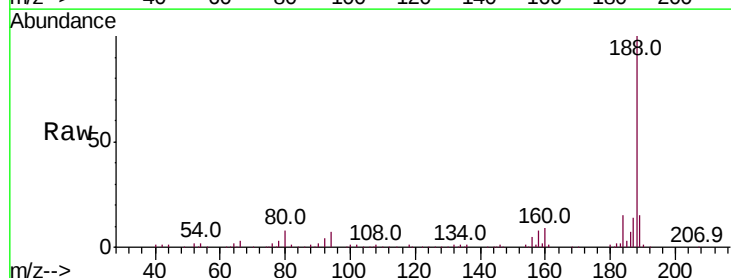
Tgt Ion: 188 Resp: 192298

Ion Ratio Lower Upper

188 100

94 6.8 7.2 10.8#

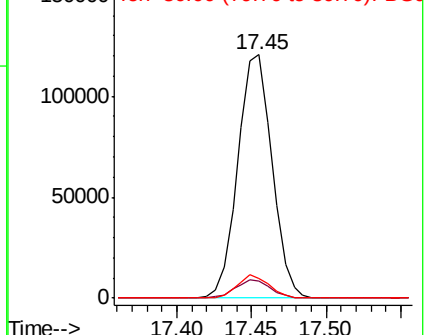
80 7.8 7.7 11.5

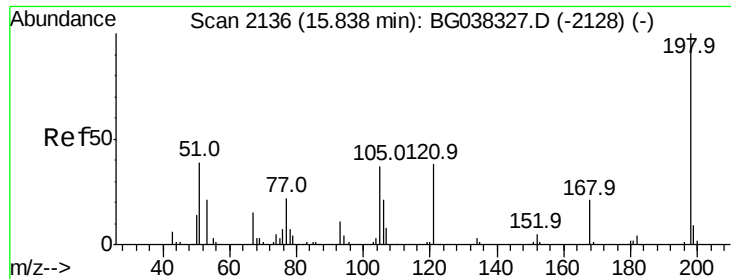


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.702 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

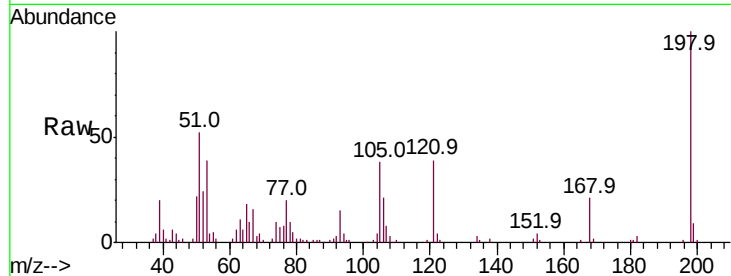
Tot Ion:198 Resp: 52543

Ion Ratio Lower Upper

198 100

51 51.6 22.7 62.7

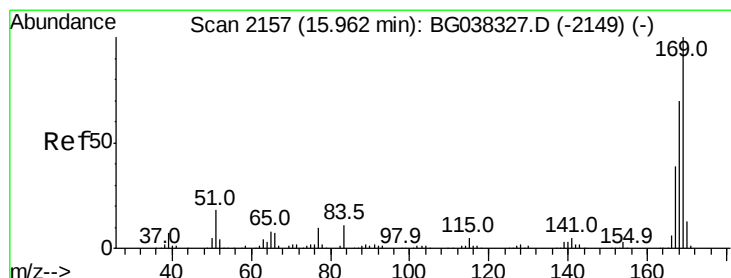
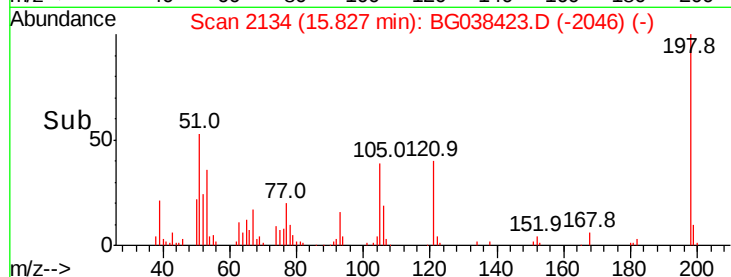
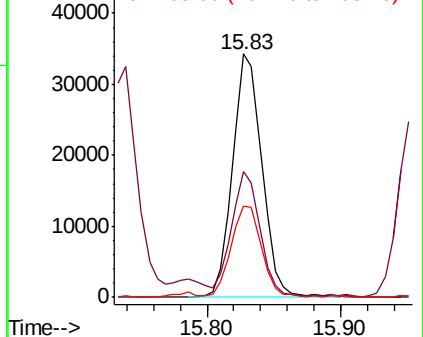
105 37.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.155 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

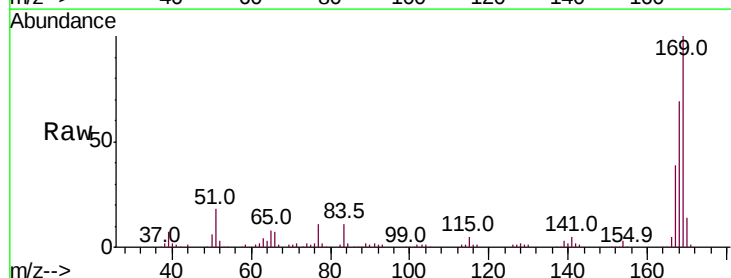
Tgt Ion:169 Resp: 227952

Ion Ratio Lower Upper

169 100

168 69.1 55.7 83.5

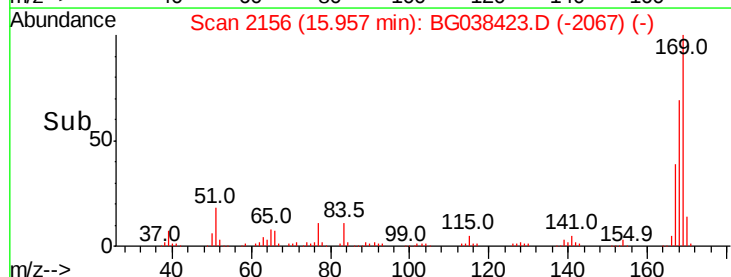
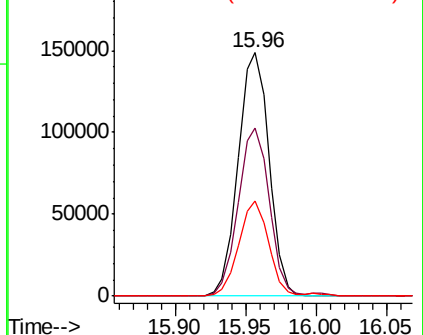
167 39.2 31.3 46.9

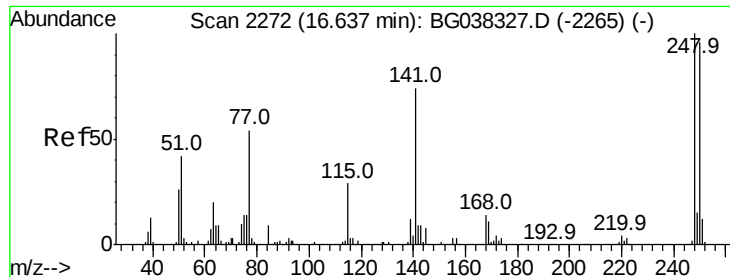


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

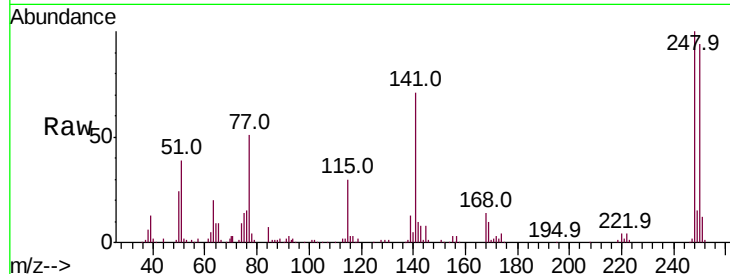




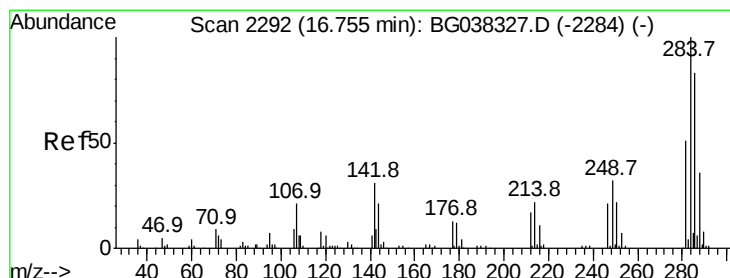
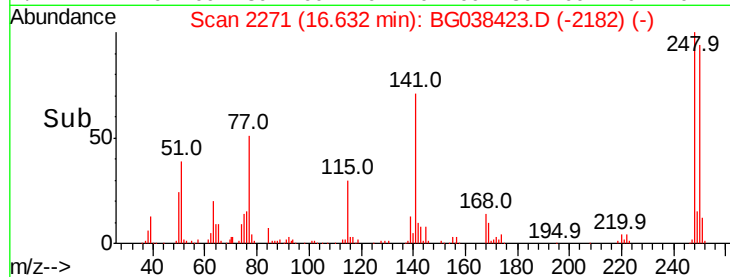
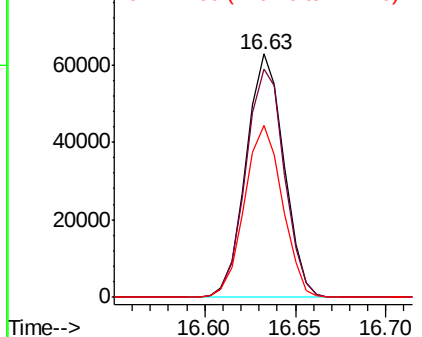
#67
 4-Bromophenyl-phenylether
 Concen: 43.755 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 90862
 Ion Ratio Lower Upper
 248 100
 250 94.0 77.0 115.6
 141 70.7 55.5 83.3

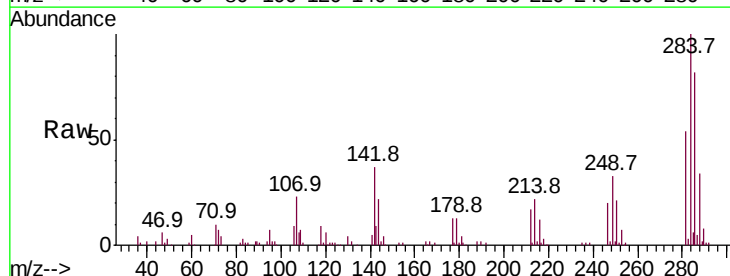


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

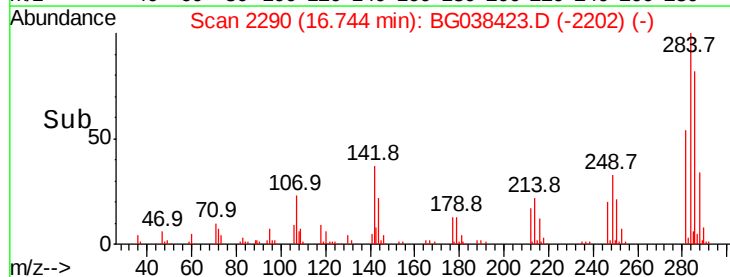
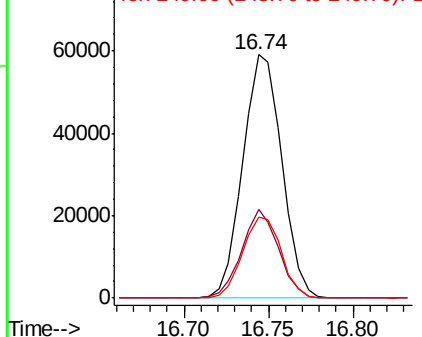


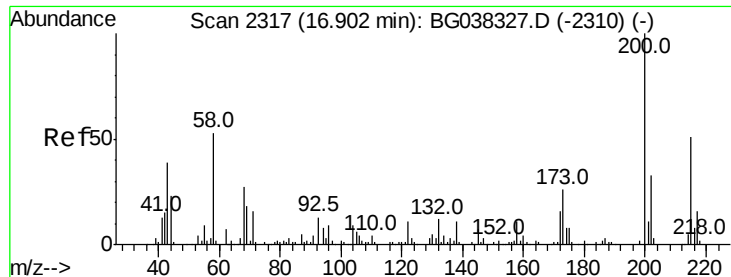
#68
 Hexachlorobenzene
 Concen: 44.228 ng
 RT: 16.74 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion:284 Resp: 94734
 Ion Ratio Lower Upper
 284 100
 142 36.5 28.1 42.1
 249 33.3 29.8 44.8



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

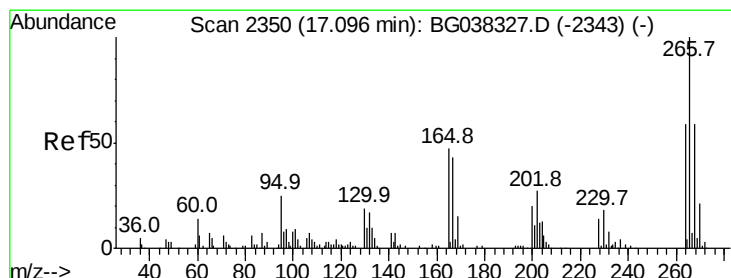
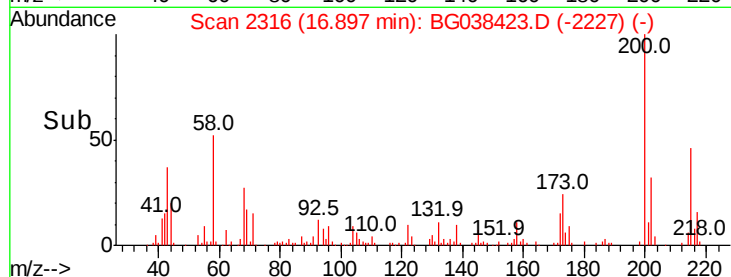
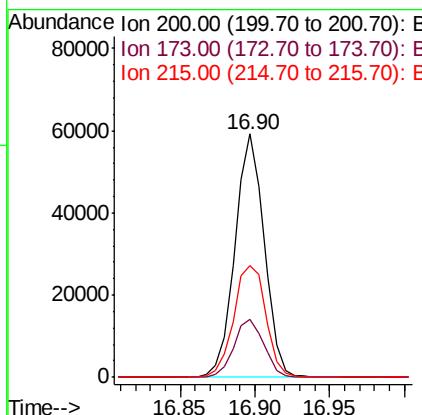
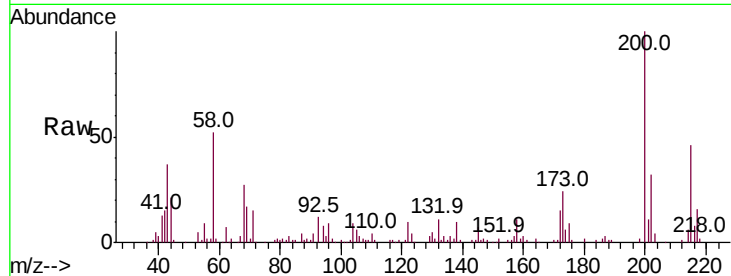




#69
 Atrazine
 Concen: 40.095 ng
 RT: 16.90 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

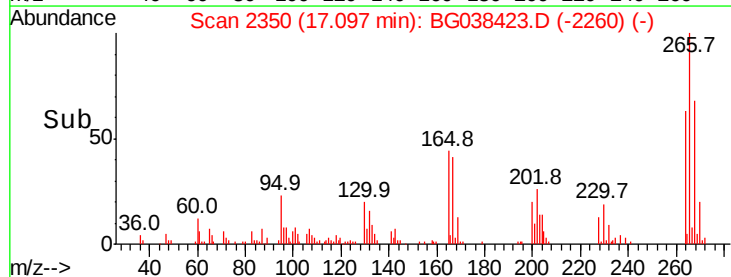
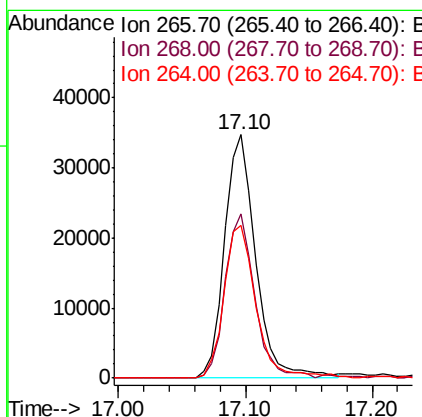
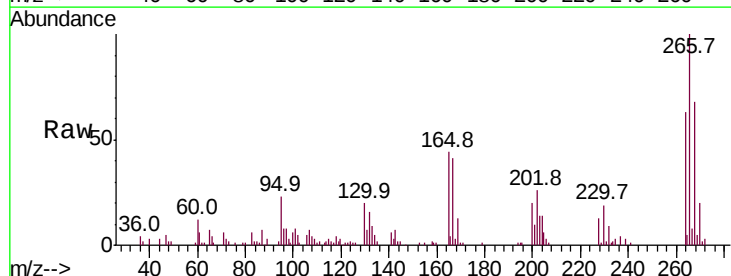
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

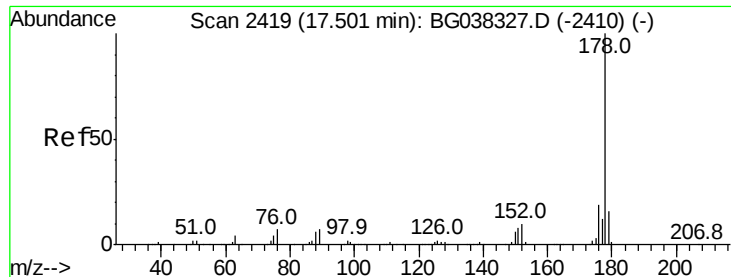
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	6.1	46.1
215	45.9	30.8	70.8



#70
 Pentachlorophenol
 Concen: 40.243 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.9	55.0	82.6
264	67.5	58.9	88.3

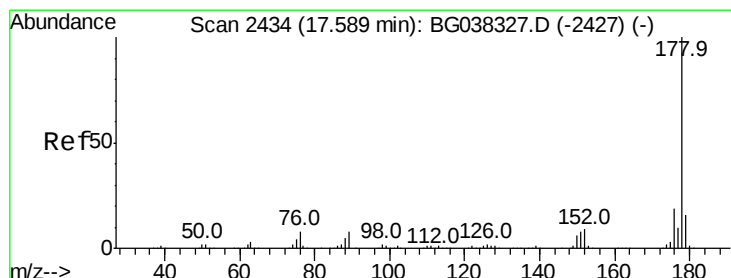
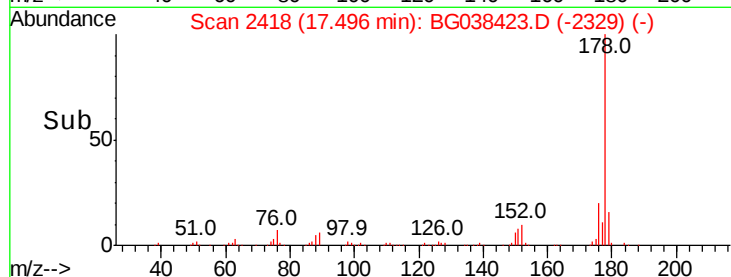
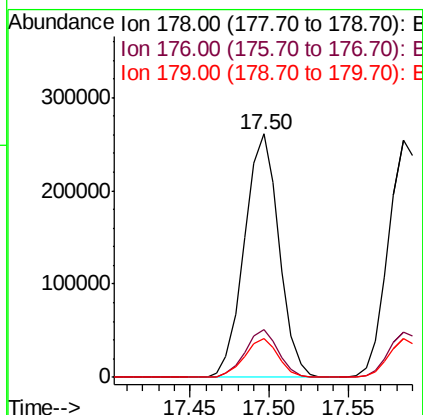
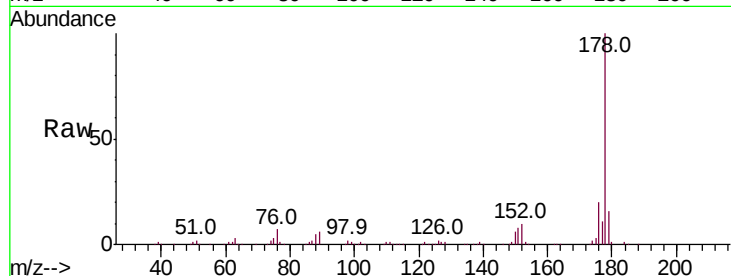




#71
Phenanthrene
Concen: 41.021 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

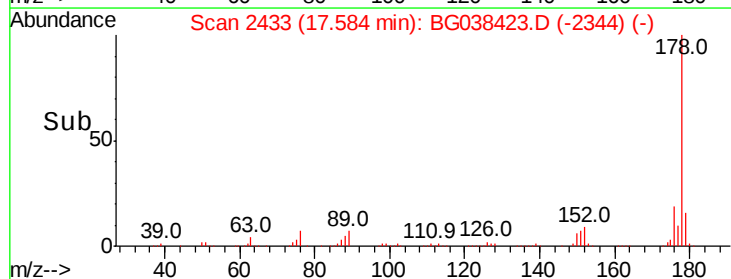
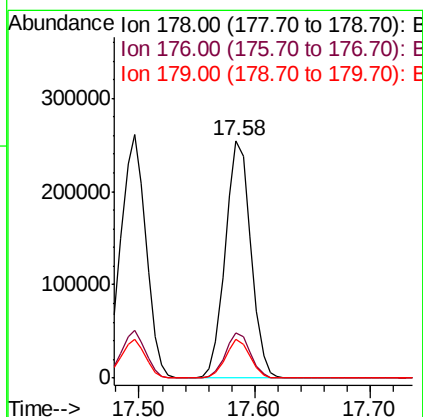
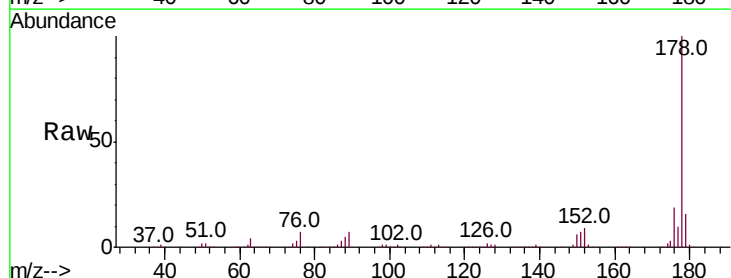
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

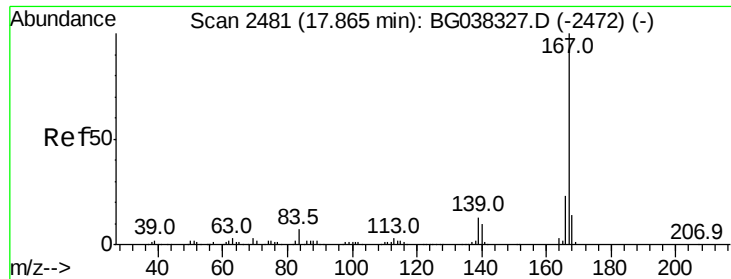
Tot Ion:178 Resp: 395041
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.8 13.0 19.4



#72
Anthracene
Concen: 41.792 ng
RT: 17.58 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:178 Resp: 389743
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 16.1 12.8 19.2

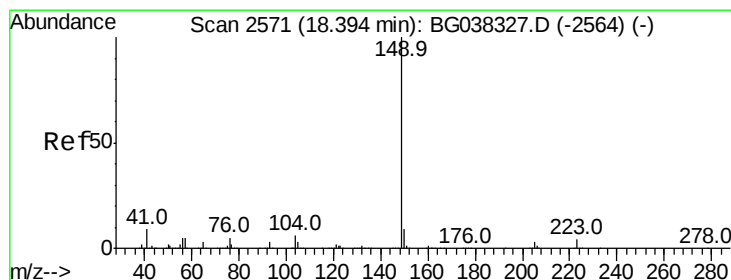
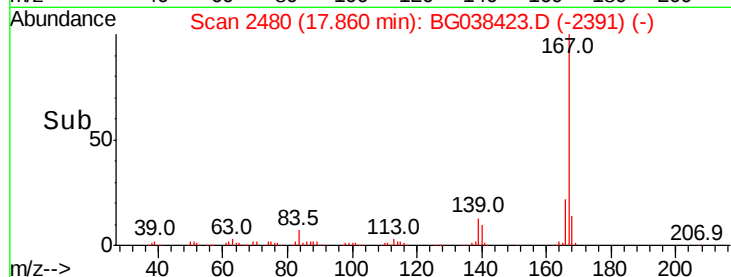
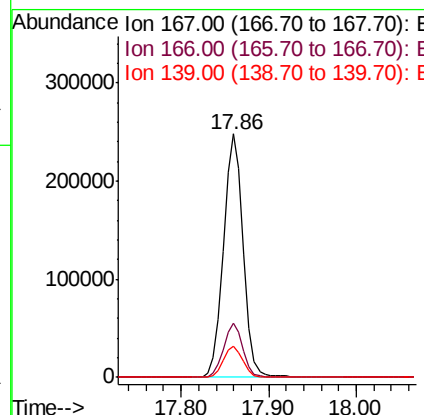
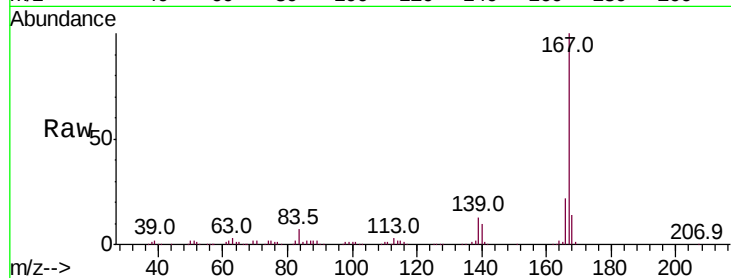




#73
 Carbazole
 Concen: 41.629 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

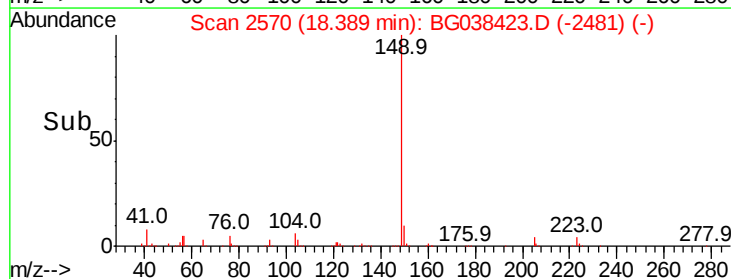
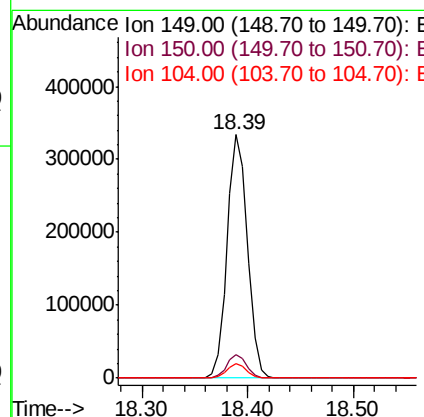
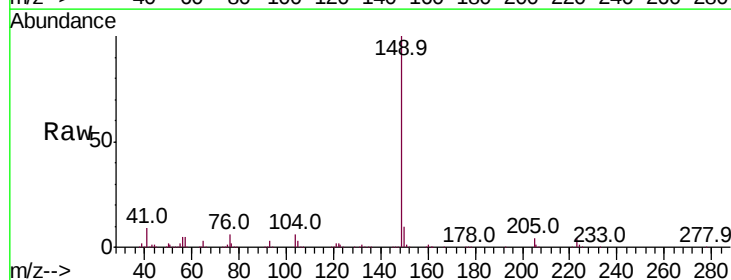
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

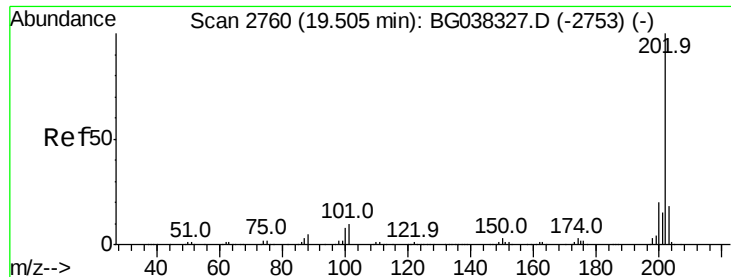
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.6	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 41.100 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.8	4.0	6.0

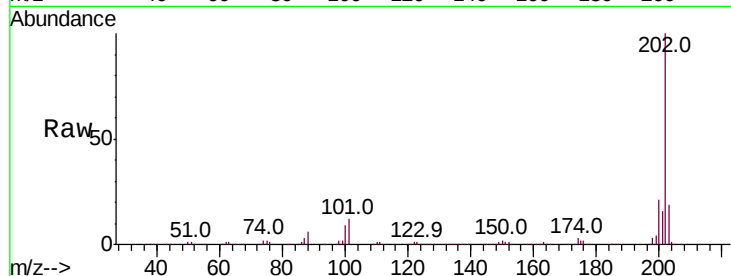




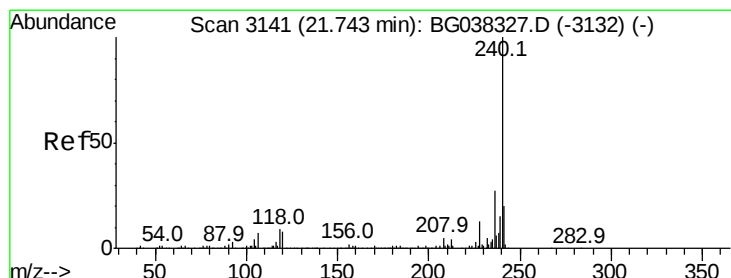
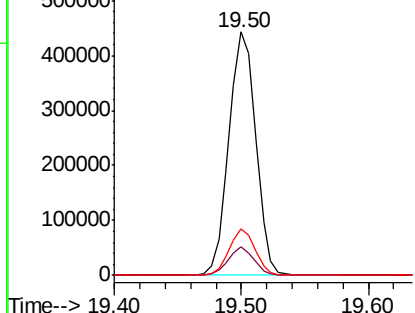
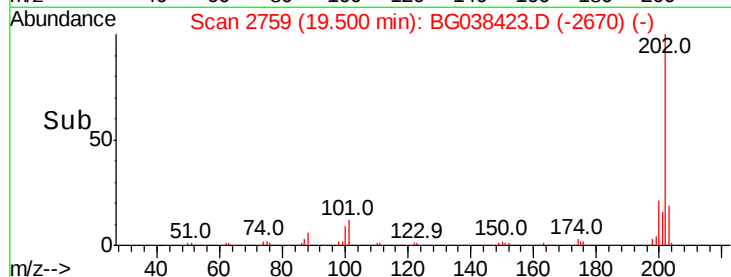
#75
 Fluoranthene
 Concen: 57.499 ng
 RT: 19.50 min Scan# 2759
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.7
203	18.9	0.0	38.5

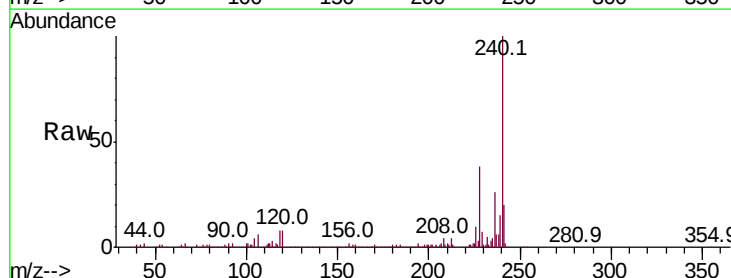


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

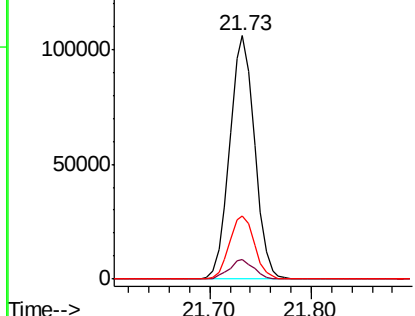
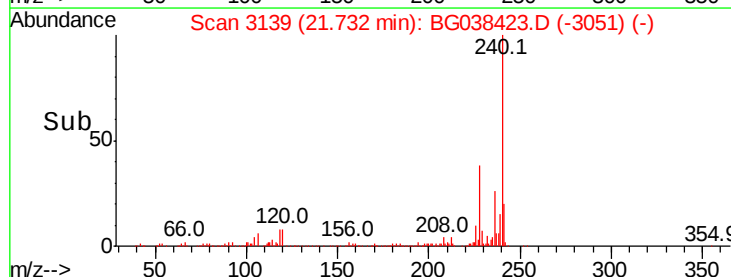


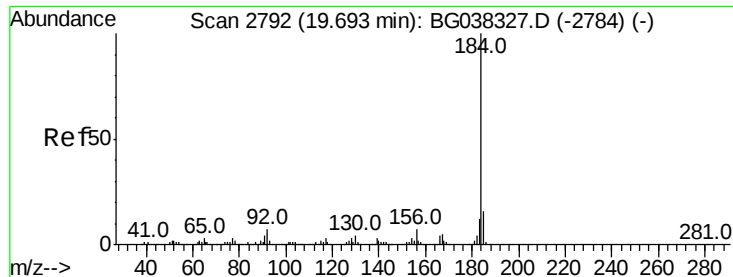
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.1	12.1#
236	25.9	21.4	32.0



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: 52.022 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

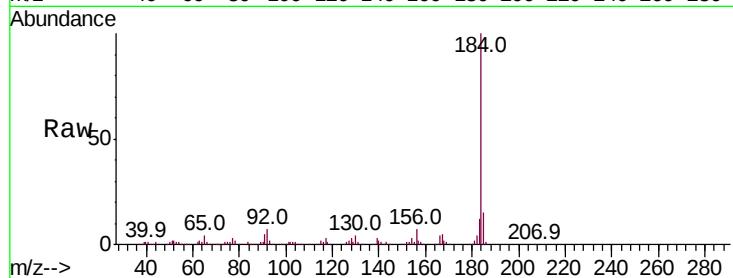
Tot Ion:184 Resp: 316275

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

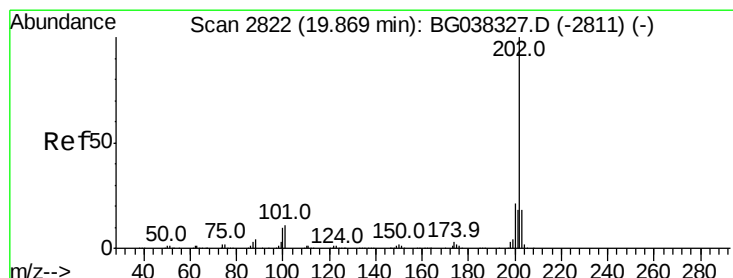
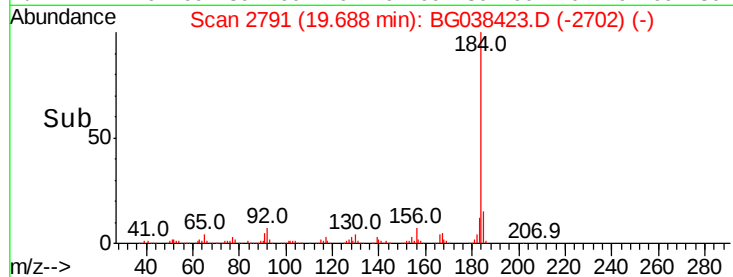
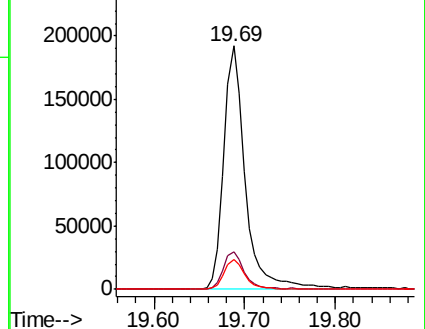
183 12.4 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.602 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

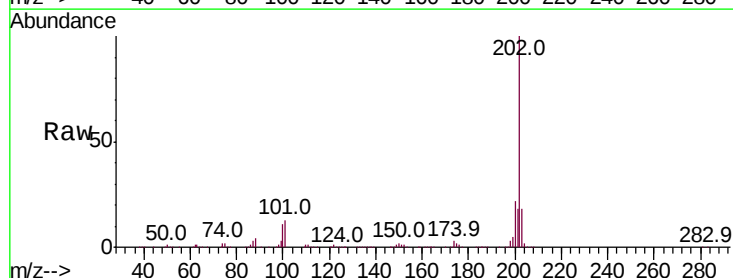
Tgt Ion:202 Resp: 650485

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

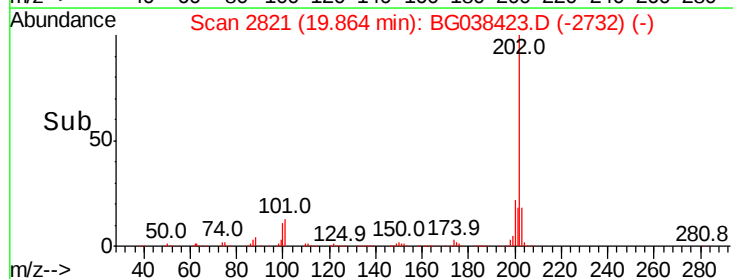
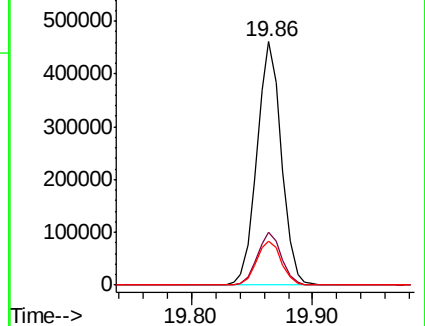
203 17.8 15.2 22.8

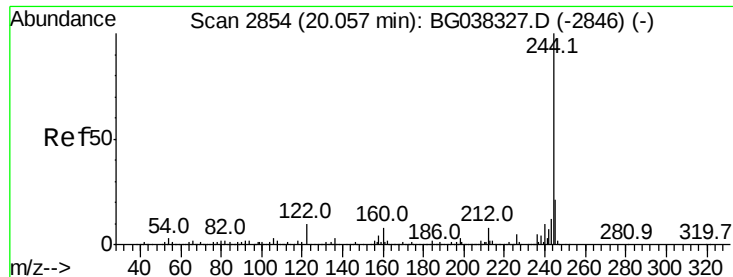


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.776 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

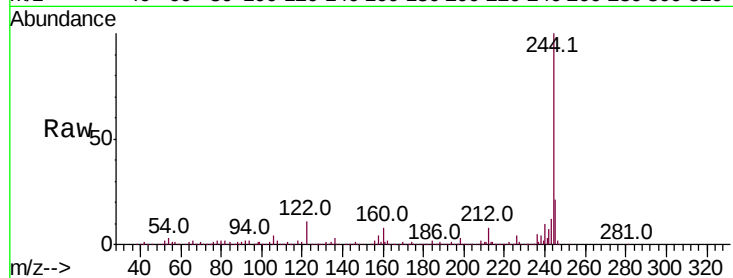
Tot Ion:244 Resp: 805485

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

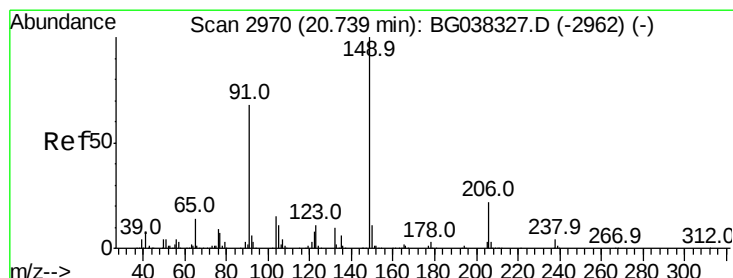
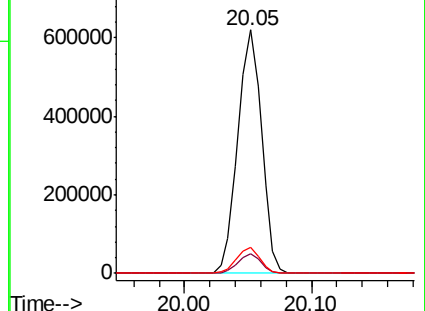
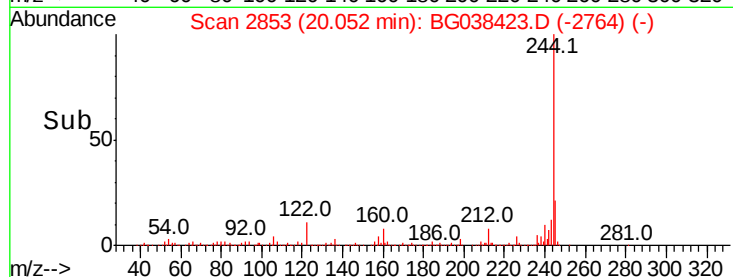
122 10.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.256 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

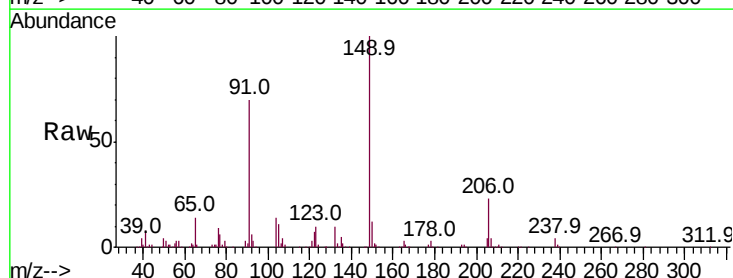
Tgt Ion:149 Resp: 193963

Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

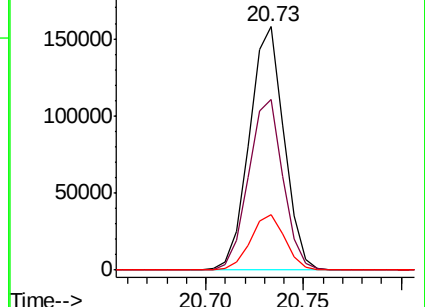
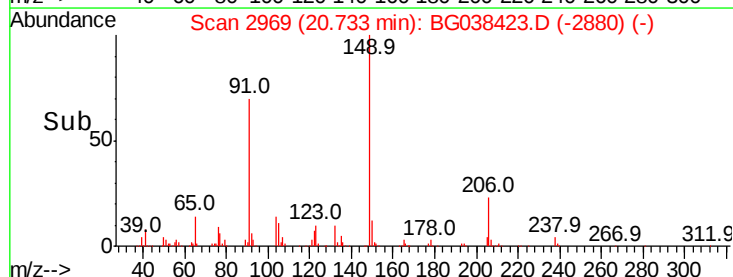
206 23.0 17.8 26.6

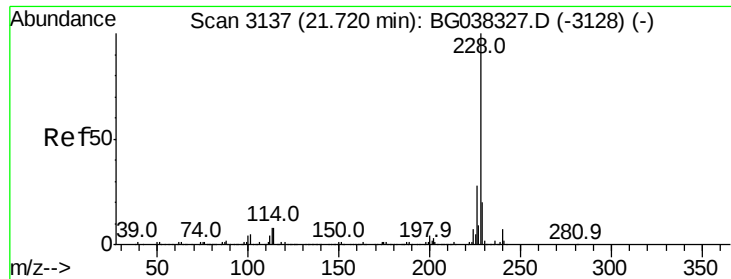


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.180 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

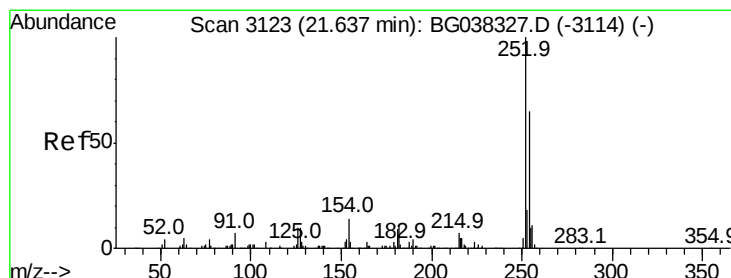
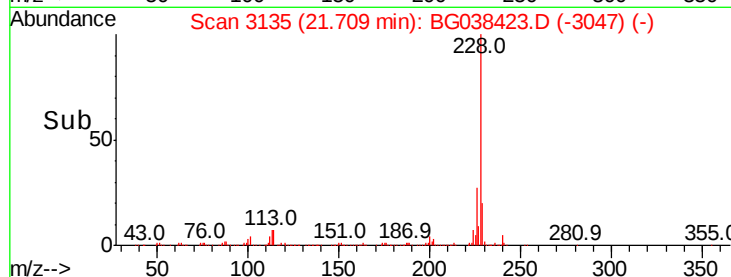
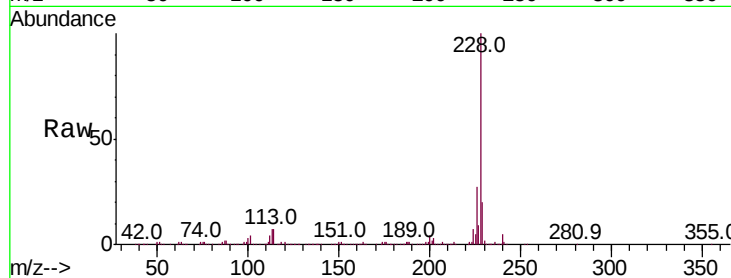
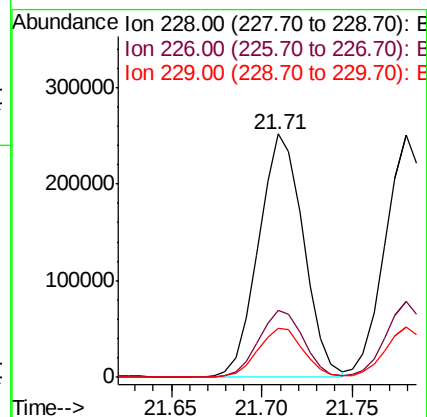
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 433839

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.1	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 40.357 ng

RT: 21.63 min Scan# 3121

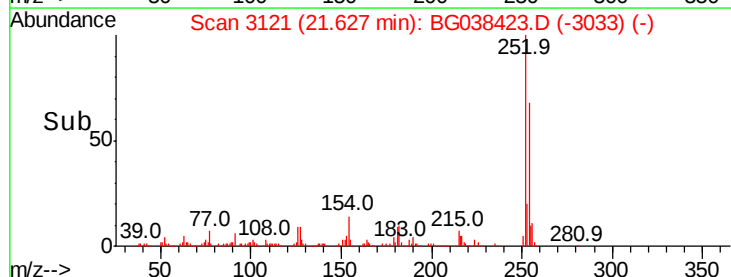
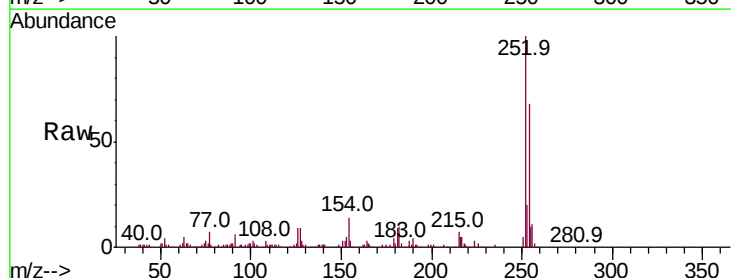
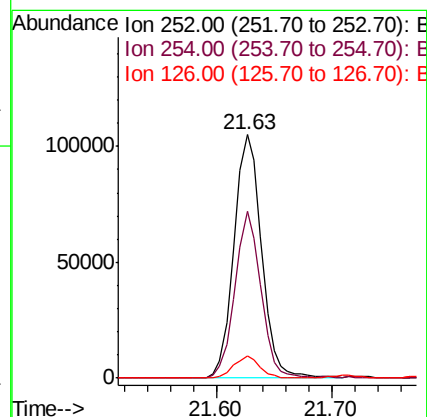
Delta R.T. -0.01 min

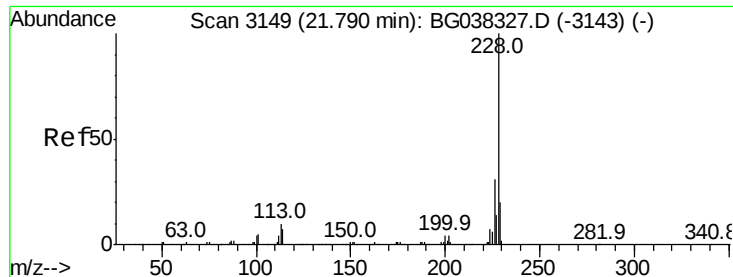
Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Tgt Ion:252 Resp: 173841

Ion	Ratio	Lower	Upper
252	100		
254	68.4	52.0	78.0
126	9.3	8.2	12.4

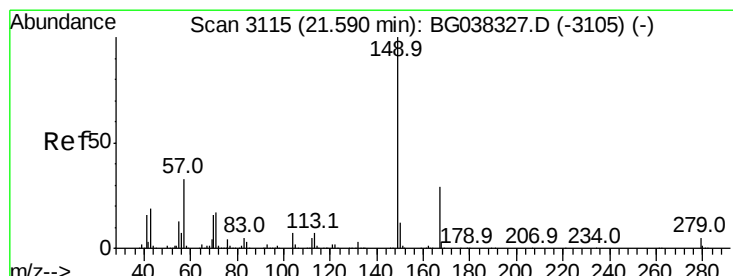
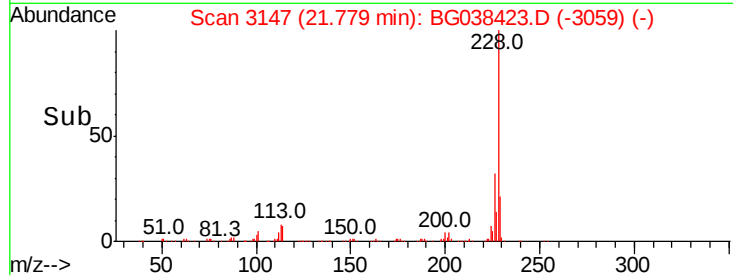
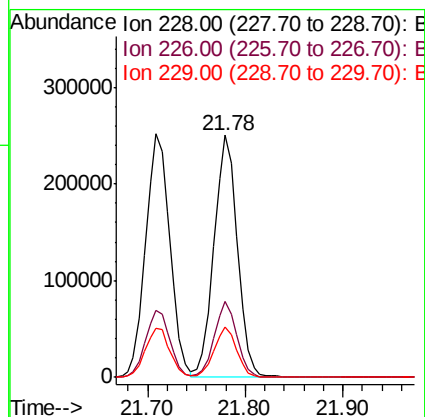
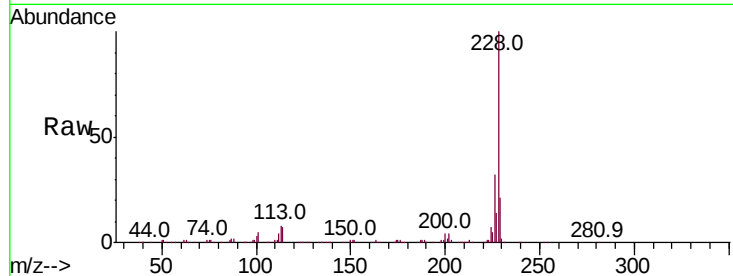




#83
 Chrvsene
 Concen: 39.500 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

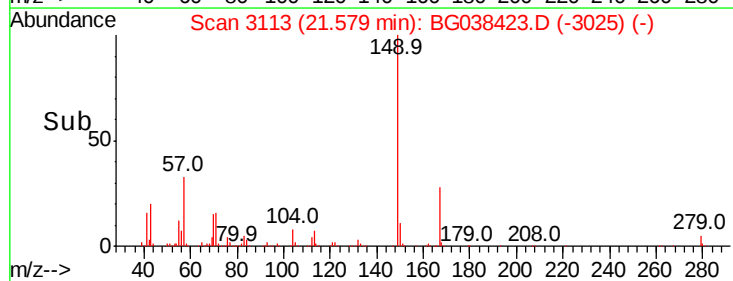
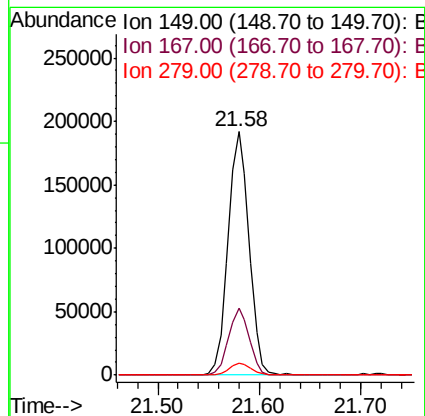
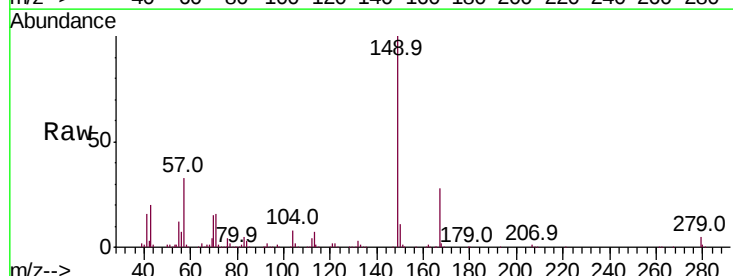
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

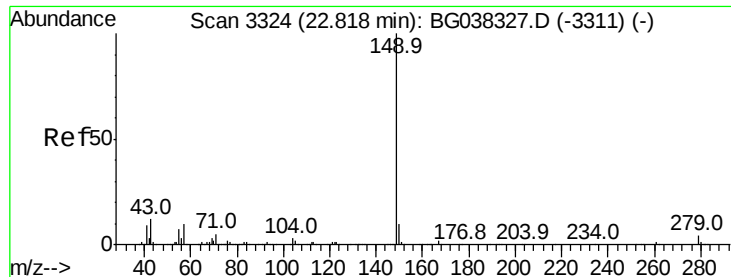
Tot Ion:228	Resp:	413899
Ion	Ratio	Lower Upper
228	100	
226	31.6	25.7 38.5
229	20.8	16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.245 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG038423.D
 Acq: 8 Dec 2018 5:18

Tgt Ion:149	Resp:	274839
Ion	Ratio	Lower Upper
149	100	
167	27.7	23.0 34.4
279	4.8	3.6 5.4

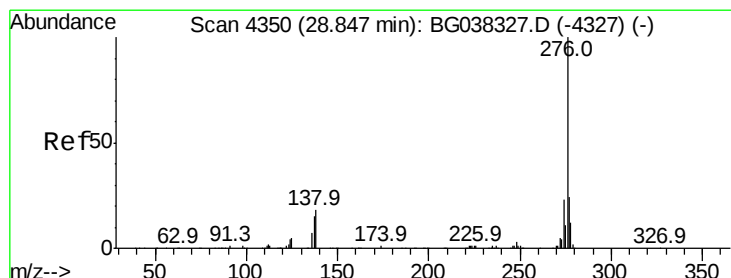
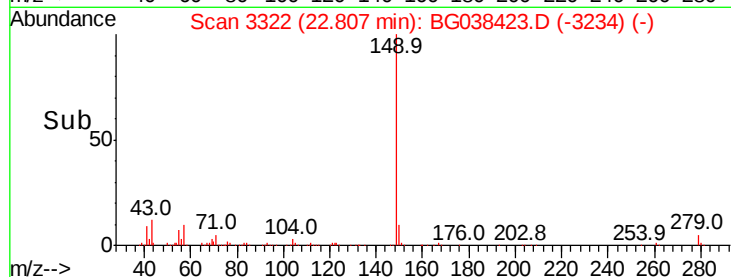
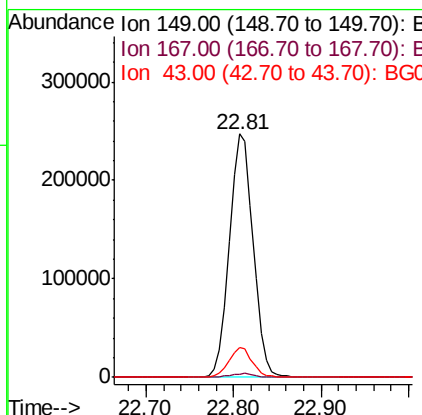
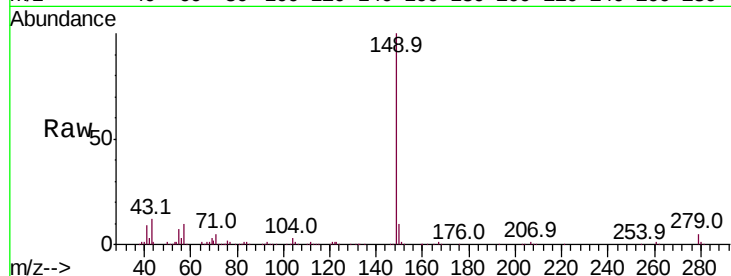




#85
Di-n-octyl phthalate
Concen: 37.028 ng
RT: 22.81 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

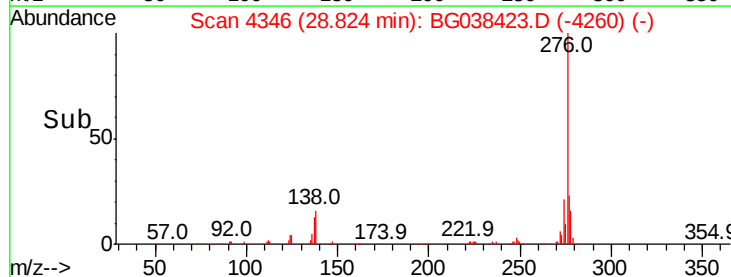
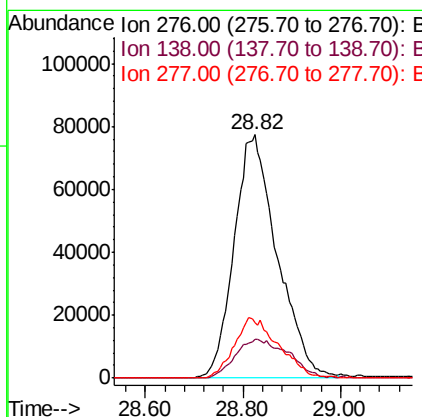
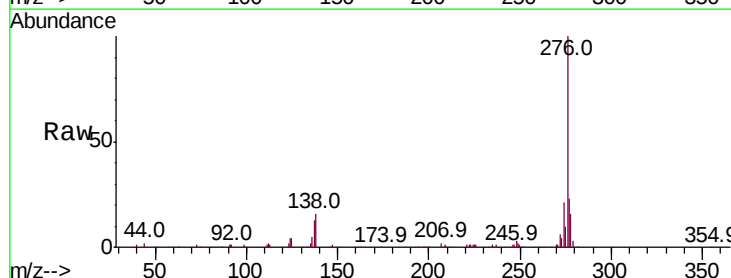
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

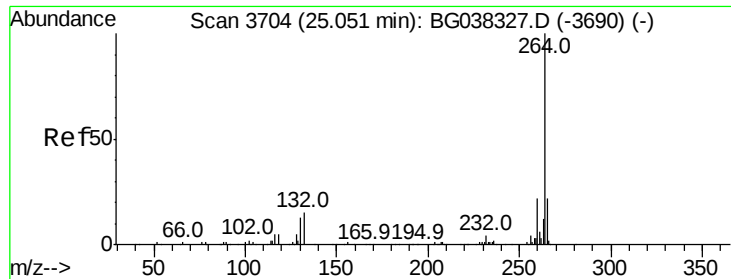
Tot Ion:149 Resp: 456264
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.820 ng
RT: 28.82 min Scan# 4346
Delta R.T. -0.02 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:276 Resp: 474204
Ion Ratio Lower Upper
276 100
138 19.6 12.0 18.0#
277 25.4 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

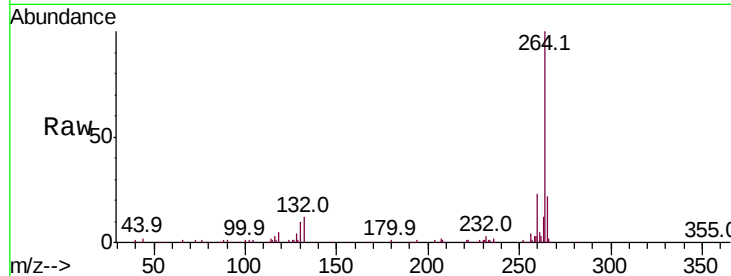
Tot Ion:264 Resp: 191648

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

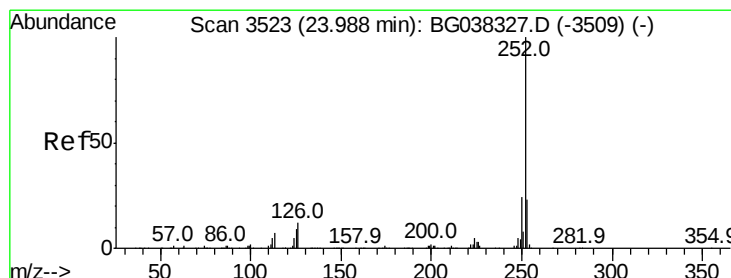
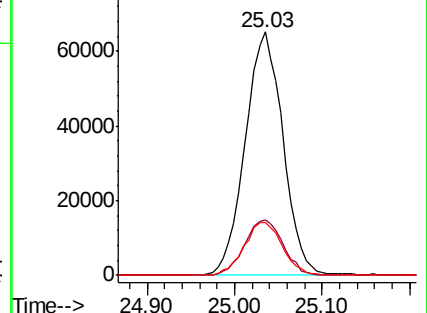
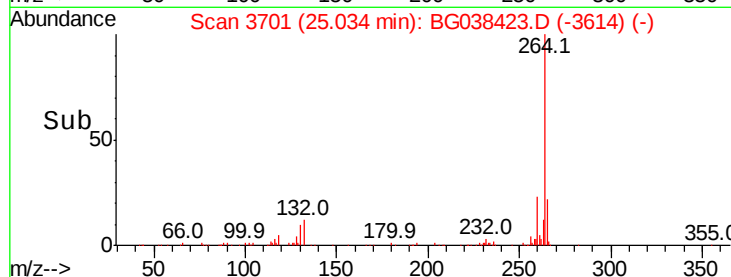
265 21.8 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.588 ng

RT: 23.98 min Scan# 3521

Delta R.T. -0.01 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

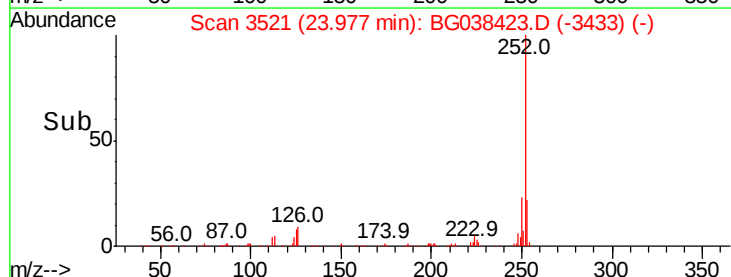
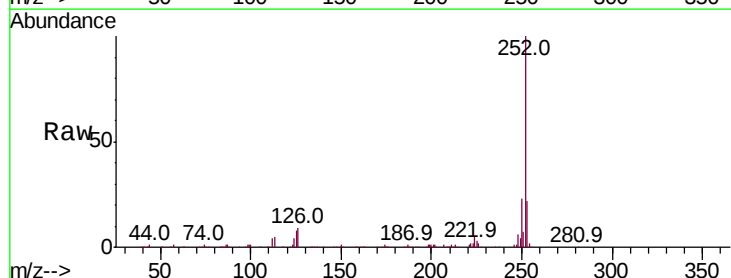
Tgt Ion:252 Resp: 428693

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

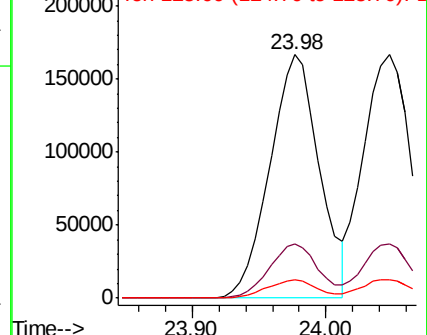
125 7.7 7.8 11.6#

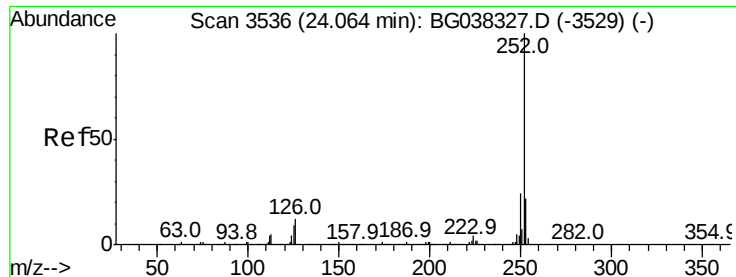


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

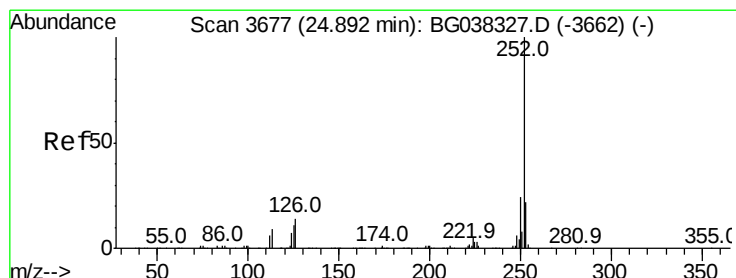
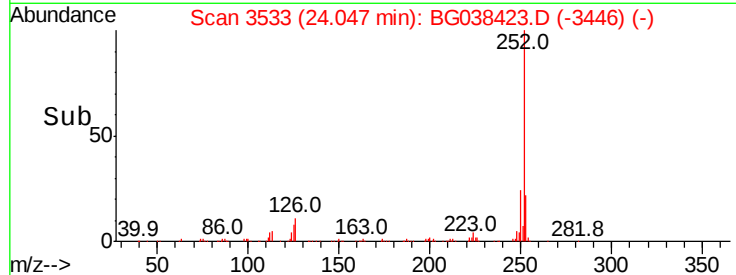
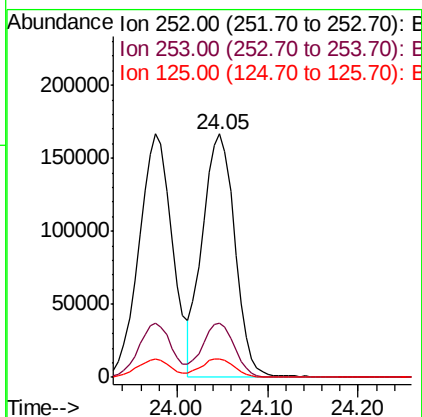
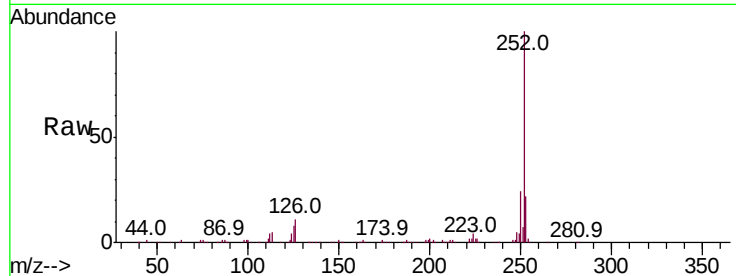




#89
Benzo(k)fluoranthene
Concen: 38.312 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

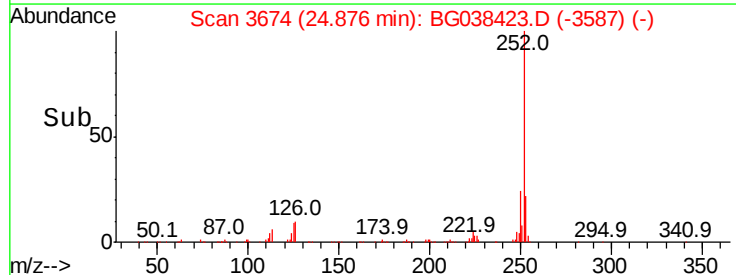
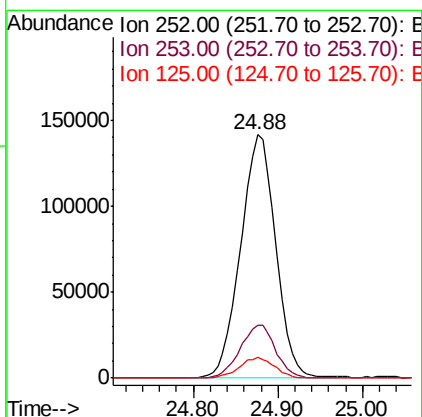
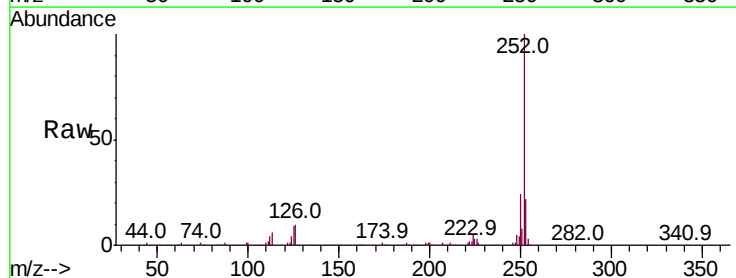
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

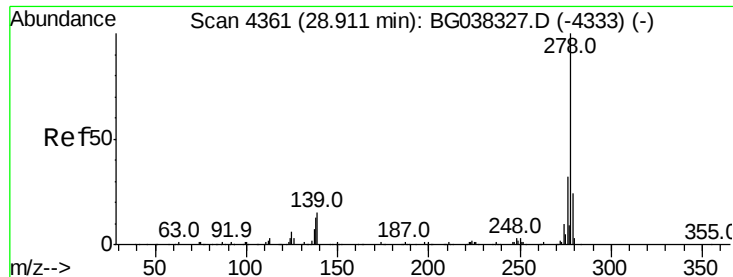
Tot Ion:252 Resp: 413200
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.020 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.02 min
Lab File: BG038423.D
Acq: 8 Dec 2018 5:18

Tgt Ion:252 Resp: 409861
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.7 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 39.731 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.02 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

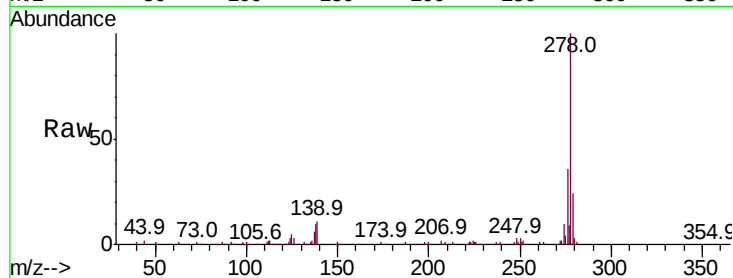
Tot Ion:278 Resp: 395810

Ion	Ratio	Lower	Upper
278	100		
139	11.1	11.5	17.3#
279	24.1	18.6	27.8

278 100

139 11.1 11.5 17.3#

279 24.1 18.6 27.8

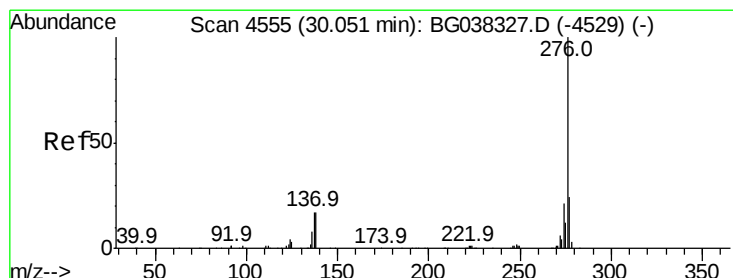
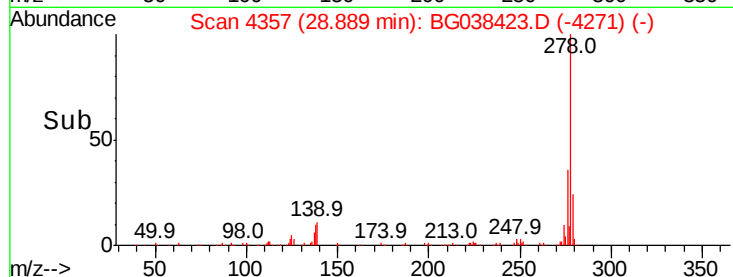
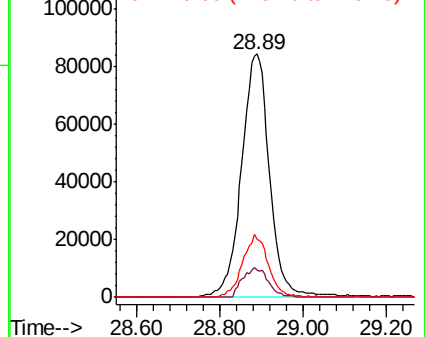


Abundance

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: 40.061 ng

RT: 30.01 min Scan# 4548

Delta R.T. -0.04 min

Lab File: BG038423.D

Acq: 8 Dec 2018 5:18

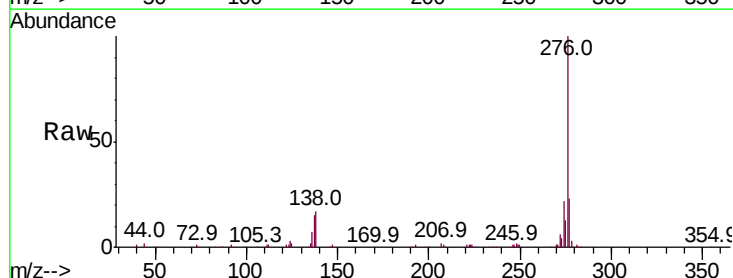
Tgt Ion:276 Resp: 395964

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	17.2	17.2	25.8

276 100

277 23.4 18.9 28.3

138 17.2 17.2 25.8



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

