

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038305.D
 Acq On : 3 Dec 2018 18:22
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 04 05:02:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	24968	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	102036	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	65208	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	192523	20.00	ng	0.00
76) Chrysene-d12	21.75	240	216694	20.00	ng	0.00
87) Perylene-d12	25.06	264	228088	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	115789	80.07	ng	-0.02
7) Phenol-d6	7.23	99	154450	74.82	ng	0.00
23) Nitrobenzene-d5	9.25	82	155950	81.81	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	73399	98.70	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	342407	76.50	ng	-0.02
79) Terphenyl-d14	20.06	244	746355	81.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	23456	34.340	ng	87
3) Pyridine	3.91	79	71111	36.496	ng	94
4) n-Nitrosodimethylamine	3.84	42	31608	44.714	ng	92
6) Aniline	7.40	93	98200	36.859	ng	98
8) 2-Chlorophenol	7.64	128	65521	39.048	ng	96
9) Benzaldehyde	7.22	77	47882	32.075	ng	98
10) Phenol	7.25	94	81371	37.216	ng	91
11) bis(2-Chloroethyl)ether	7.50	93	66715	37.375	ng	99
12) 1,3-Dichlorobenzene	7.97	146	75307	38.958	ng	98
13) 1,4-Dichlorobenzene	8.11	146	77195	39.533	ng	98
14) 1,2-Dichlorobenzene	8.43	146	72290	38.776	ng	99
15) Benzyl Alcohol	8.31	79	59175	39.617	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	144890	43.713	ng	96
17) 2-Methylphenol	8.51	107	55564	37.588	ng	97
18) Hexachloroethane	9.16	117	29413	41.388	ng	90
19) n-Nitroso-di-n-propylamine	8.88	70	54142	36.248	ng	96
20) 3+4-Methylphenols	8.84	107	78257	37.344	ng	96
22) Acetophenone	8.91	105	97897	38.562	ng	# 93
24) Nitrobenzene	9.30	77	79582	40.813	ng	96
25) Isophorone	9.81	82	129243	37.671	ng	99
26) 2-Nitrophenol	10.01	139	37183	38.197	ng	90
27) 2,4-Dimethylphenol	10.05	122	56952	38.831	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	82204	37.470	ng	97
29) 2,4-Dichlorophenol	10.53	162	63654	38.585	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	73266	39.632	ng	95
31) Naphthalene	10.95	128	197718	39.397	ng	99
32) Benzoic acid	10.18	122	30026	35.958	ng	97
33) 4-Chloroaniline	11.06	127	87099	37.310	ng	96
34) Hexachlorobutadiene	11.21	225	46739	41.080	ng	95
35) Caprolactam	11.84	113	29271	44.328	ng	97
36) 4-Chloro-3-methylphenol	12.17	107	71761	39.816	ng	96
37) 2-Methylnaphthalene	12.54	142	136537	37.875	ng	98
38) 1-Methylnaphthalene	12.76	142	133695	38.529	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	85369	39.179	ng	98

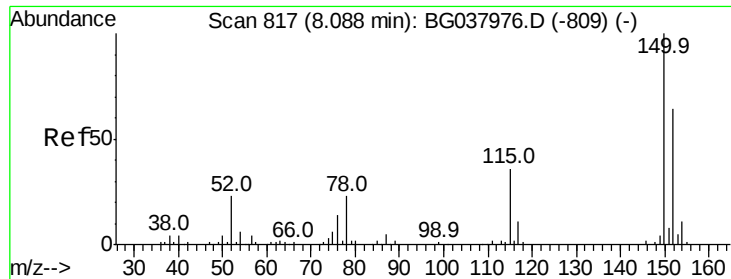
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038305.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	46629	39.964	nq	98
43) 2,4,6-Trichlorophenol	13.15	196	56436	38.009	nq	99
44) 2,4,5-Trichlorophenol	13.22	196	60649	38.820	nq	94
46) 1,1'-Biphenyl	13.55	154	207942	37.958	nq	99
47) 2-Chloronaphthalene	13.60	162	157625	37.706	nq	99
48) 2-Nitroaniline	13.81	65	58743	44.649	nq	97
49) Acenaphthylene	14.44	152	245747	39.092	nq	98
50) Dimethylphthalate	14.16	163	220912	42.734	nq	99
51) 2,6-Dinitrotoluene	14.29	165	51574	44.080	nq	95
52) Acenaphthene	14.78	154	148913	39.348	nq	97
53) 3-Nitroaniline	14.63	138	59621	46.180	nq	# 96
54) 2,4-Dinitrophenol	14.83	184	29772	50.961	nq	91
55) Dibenzofuran	15.11	168	253147	40.453	nq	99
56) 4-Nitrophenol	14.92	139	50740	50.958	nq	83
57) 2,4-Dinitrotoluene	15.08	165	80457	50.542	nq	98
58) Fluorene	15.76	166	196474	42.080	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	59589	45.582	nq	98
60) Diethylphthalate	15.52	149	251215	45.752	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	113380	41.500	nq	99
62) 4-Nitroaniline	15.79	138	67922	52.959	nq	91
63) Azobenzene	16.04	77	219405	44.691	nq	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	53181	43.673	nq	91
66) n-Nitrosodiphenylamine	15.96	169	202746	34.810	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	77530	36.690	nq	97
68) Hexachlorobenzene	16.76	284	85060	38.998	nq	96
69) Atrazine	16.90	200	90237	42.028	nq	95
70) Pentachlorophenol	17.10	266	61397	41.446	nq	95
71) Phenanthrene	17.50	178	391400	39.708	nq	100
72) Anthracene	17.60	178	394131	40.564	nq	100
73) Carbazole	17.87	167	434883	44.611	nq	97
74) Di-n-butylphthalate	18.40	149	500956	45.779	nq	99
75) Fluoranthene	19.51	202	532804	47.377	nq	97
77) Benzidine	19.69	184	271646	35.726	nq	100
78) Pyrene	19.88	202	543838	38.386	nq	99
80) Butylbenzylphthalate	20.75	149	246316	39.756	nq	98
81) Benzo(a)anthracene	21.73	228	524952	40.088	nq	100
82) 3,3'-Dichlorobenzidine	21.64	252	200091	39.226	nq	100
83) Chrysene	21.80	228	492199	39.284	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	342985	38.818	nq	99
85) Di-n-octyl phthalate	22.83	149	569835	39.864	nq	97
86) Indeno(1,2,3-cd)pyrene	28.87	276	550324	39.548	nq	# 94
88) Benzo(b)fluoranthene	24.00	252	503581	40.120	nq	100
89) Benzo(k)fluoranthene	24.07	252	494884	39.957	nq	99
90) Benzo(a)pyrene	24.91	252	481817	40.167	nq	# 97
91) Dibenzo(a,h)anthracene	28.92	278	448665	38.873	nq	98
92) Benzo(g,h,i)perylene	30.06	276	454695	39.621	nq	98

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

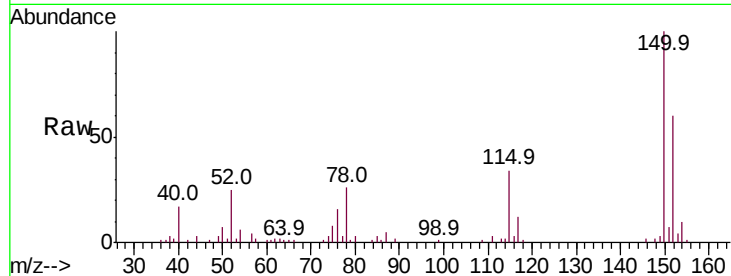


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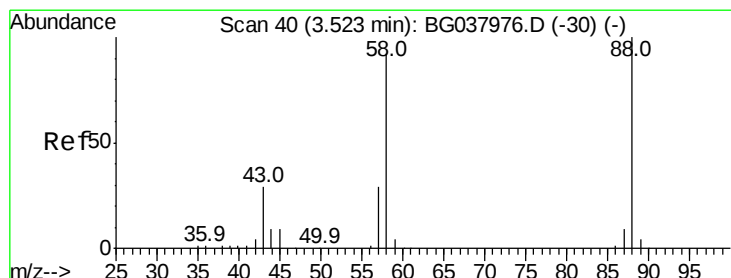
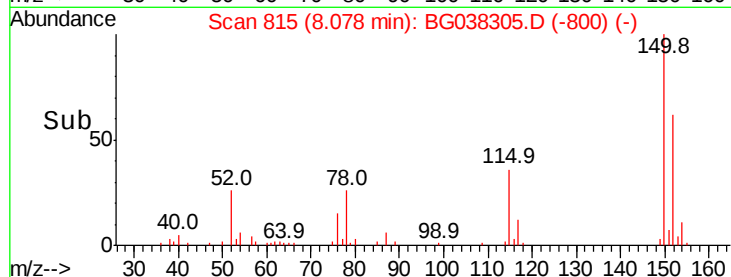
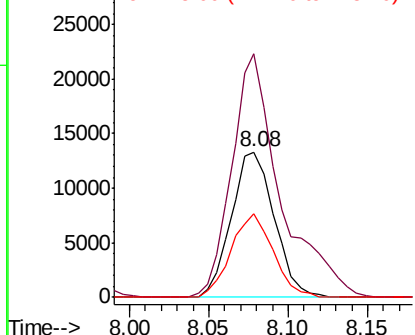
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 24968
Ion Ratio Lower Upper
152 100
150 167.4 126.0 189.0
115 57.7 45.5 68.3



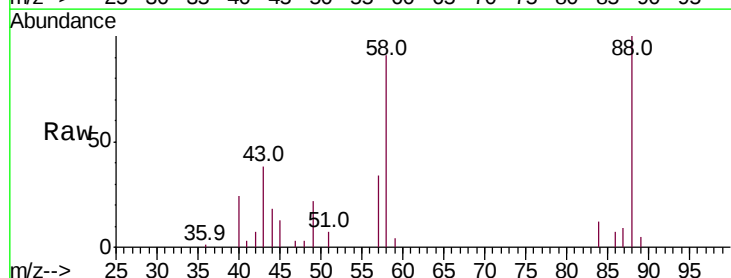
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



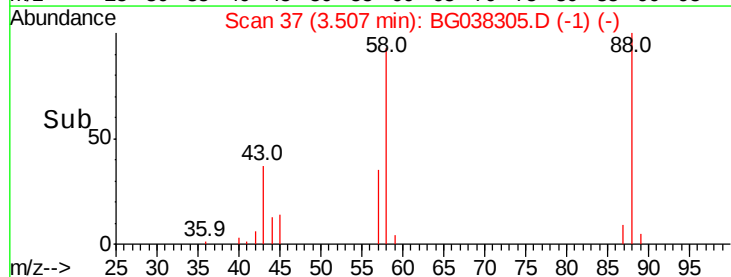
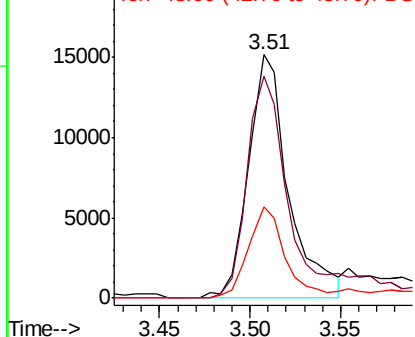
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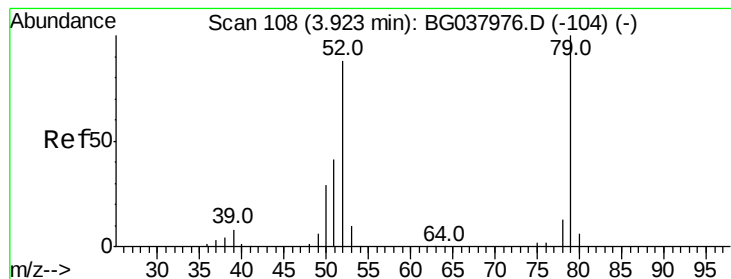
1,4-Dioxane
Concen: 34.340 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion: 88 Resp: 23456
Ion Ratio Lower Upper
88 100
58 108.3 74.4 111.6
43 34.2 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: 36.496 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

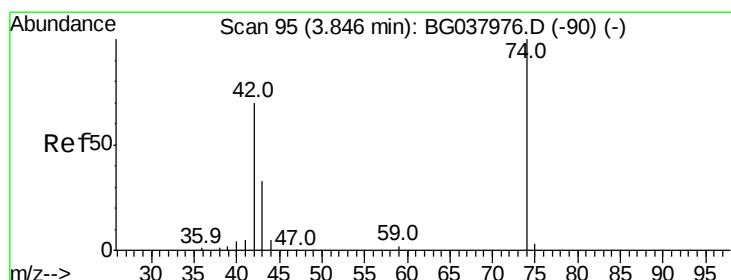
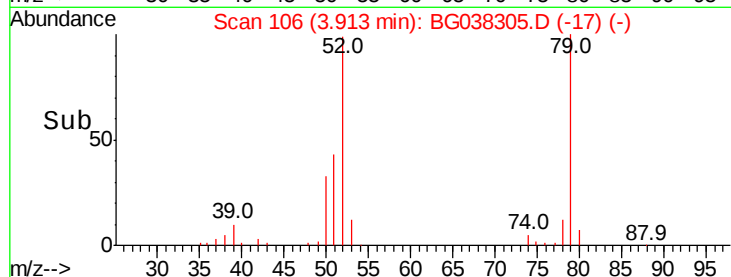
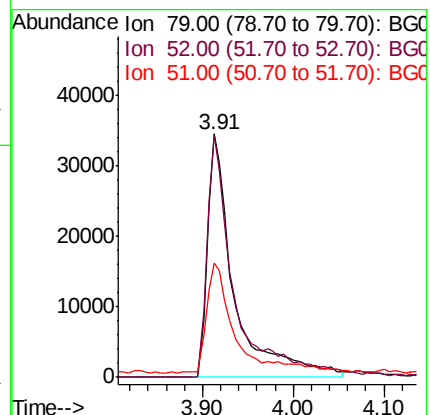
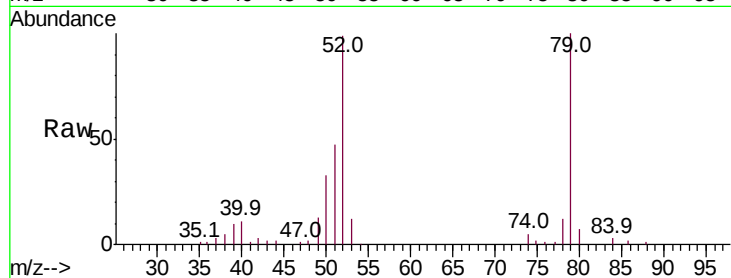
Tot Ion: 79 Resp: 71111

Ion Ratio Lower Upper

79 100

52 99.3 74.2 111.2

51 46.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 44.714 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

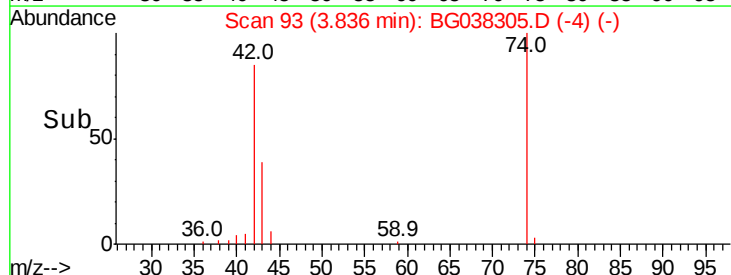
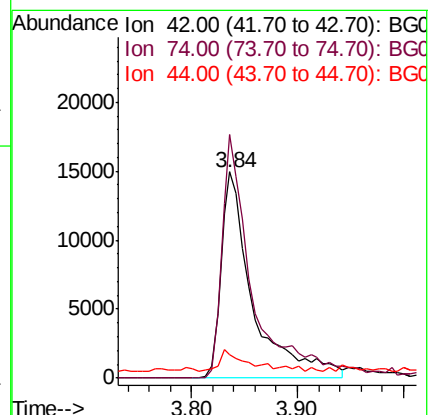
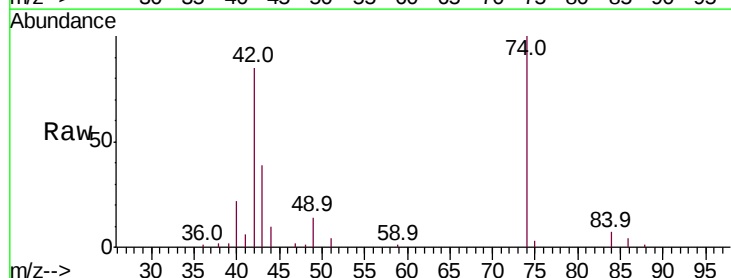
Tgt Ion: 42 Resp: 31608

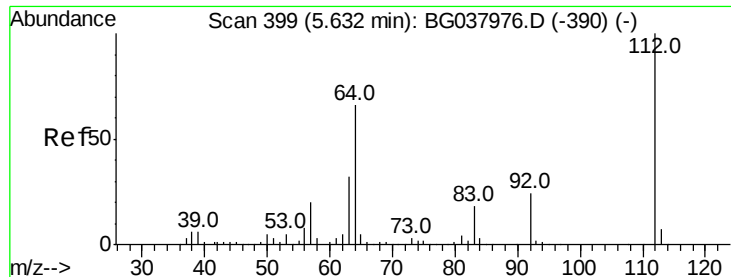
Ion Ratio Lower Upper

42 100

74 118.1 102.0 153.0

44 11.3 9.6 14.4





#5

2-Fluorophenol

Concen: 80.069 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

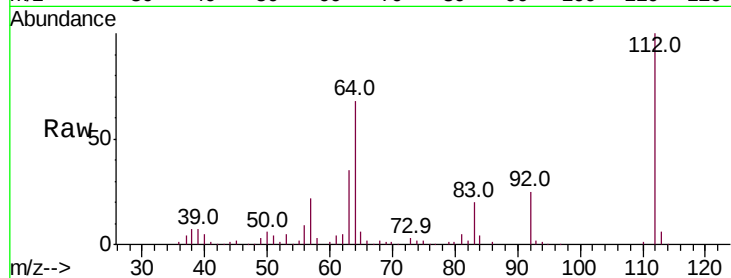
Tot Ion:112 Resp: 115789

Ion Ratio Lower Upper

112 100

64 68.5 53.1 79.7

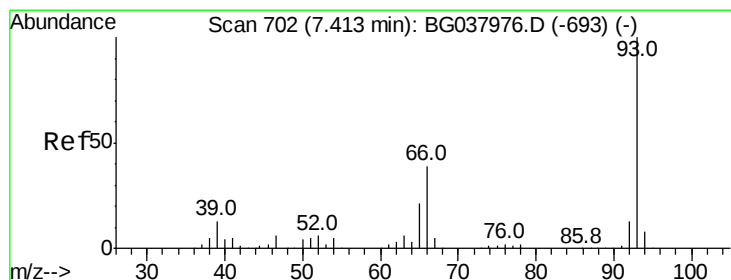
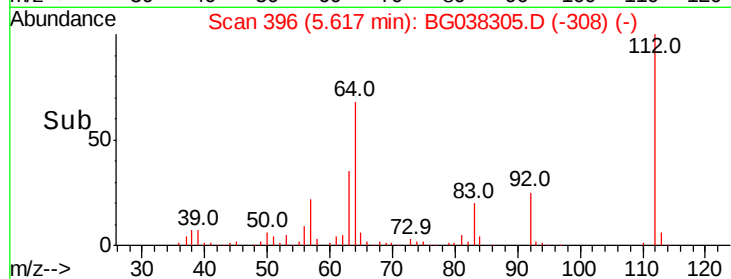
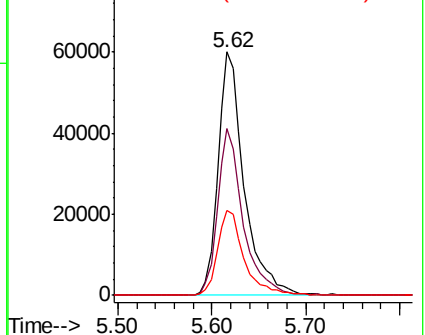
63 34.8 27.3 40.9



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: 36.859 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

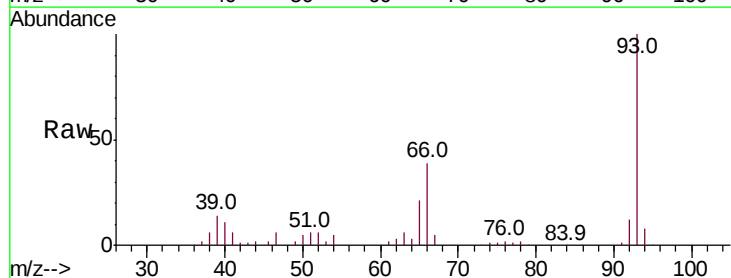
Tgt Ion: 93 Resp: 98200

Ion Ratio Lower Upper

93 100

66 39.2 32.8 49.2

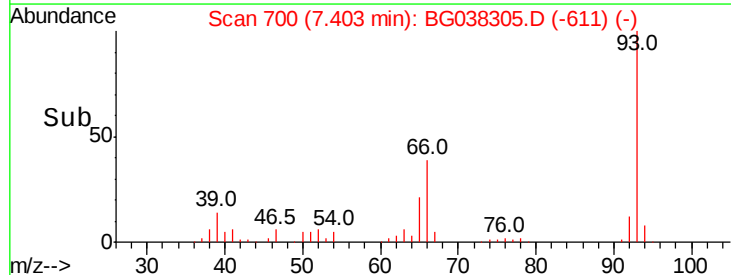
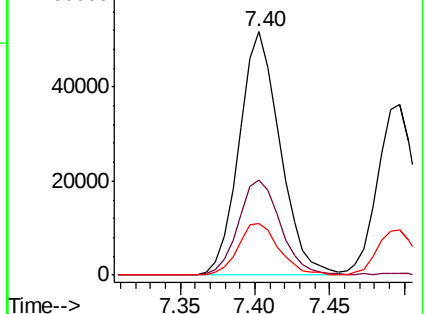
65 21.2 16.4 24.6

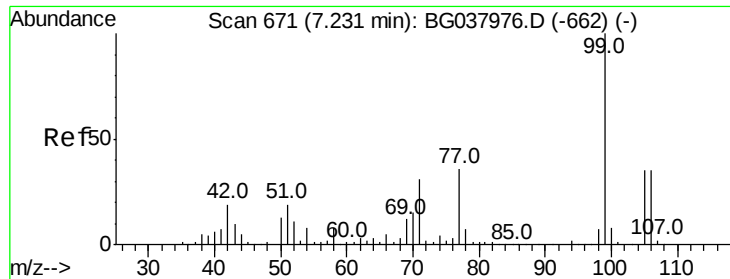


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.822 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

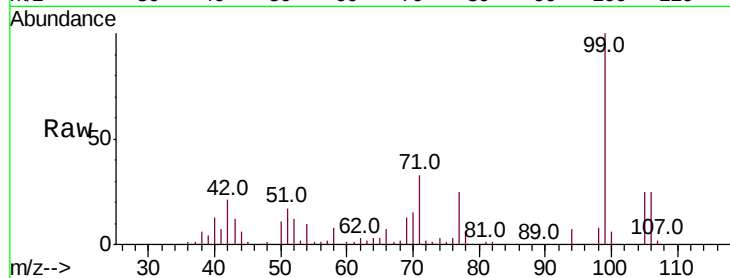
Tot Ion: 99 Resp: 154450

Ion Ratio Lower Upper

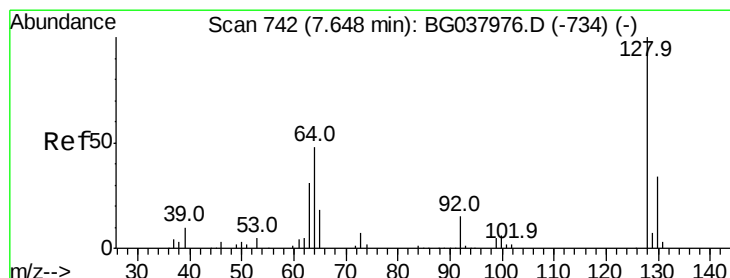
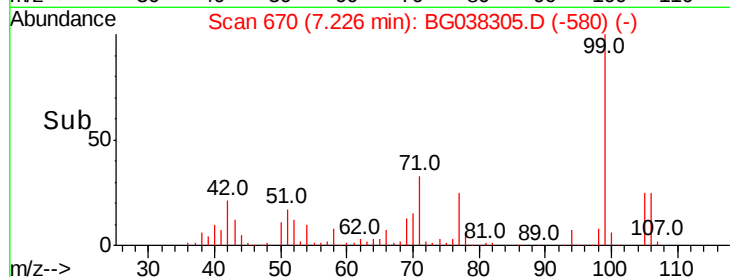
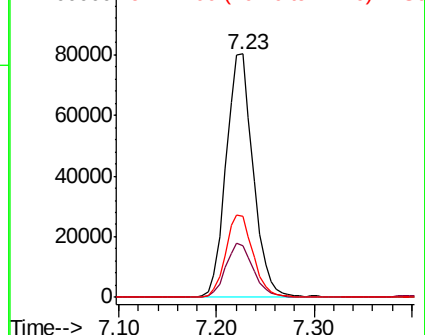
99 100

42 21.3 15.0 22.4

71 33.1 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: 39.048 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

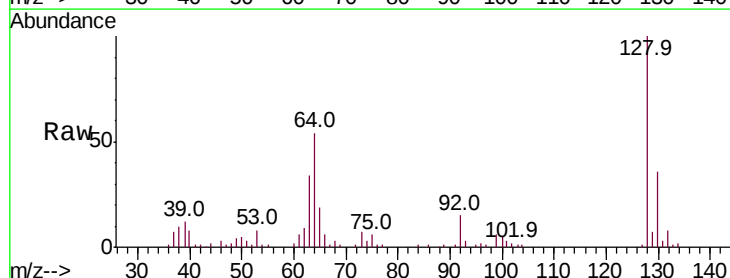
Tgt Ion: 128 Resp: 65521

Ion Ratio Lower Upper

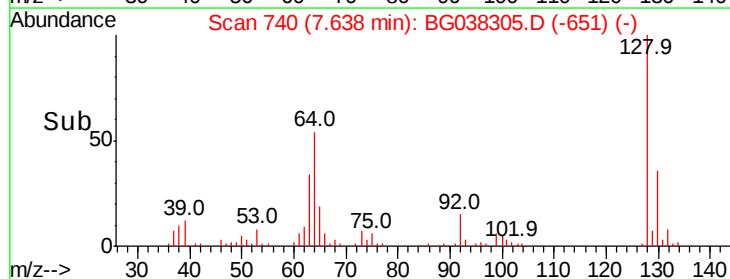
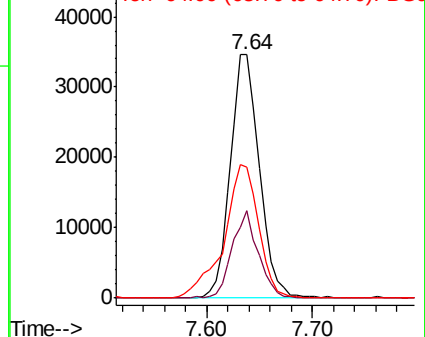
128 100

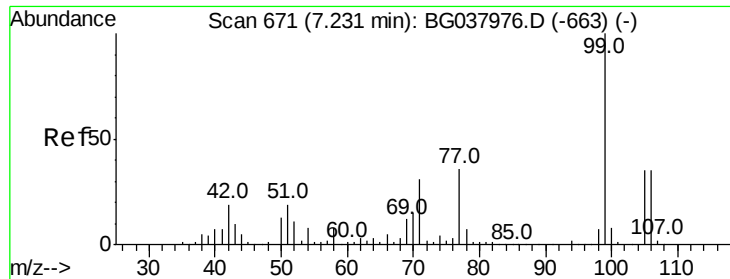
130 35.8 12.0 52.0

64 54.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 32.075 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

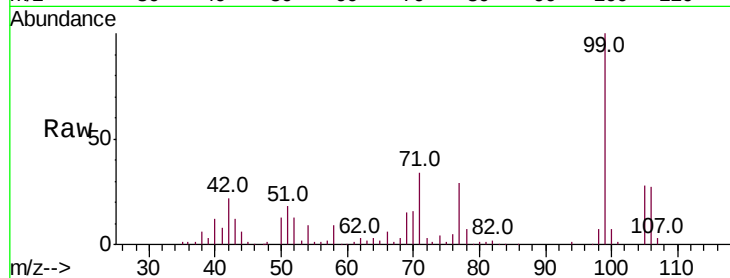
Tot Ion: 77 Resp: 47882

Ion Ratio Lower Upper

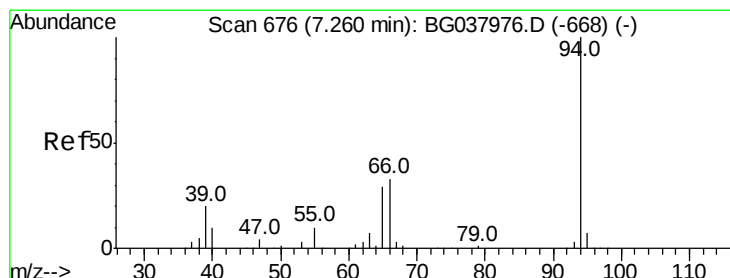
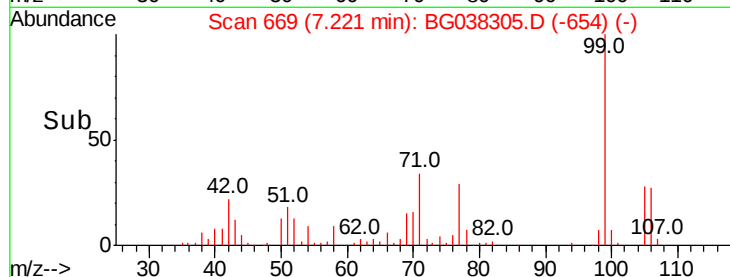
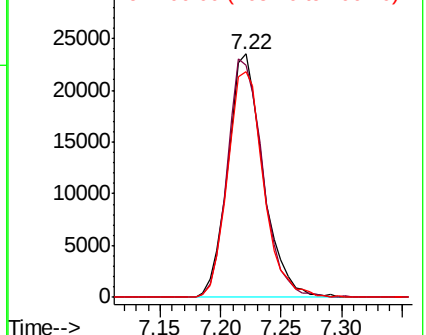
77 100

105 95.5 72.6 112.6

106 92.5 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: 37.216 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

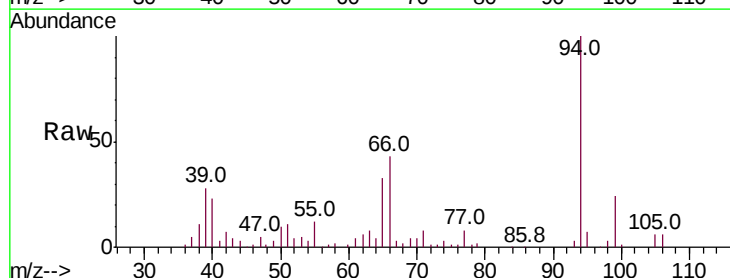
Tgt Ion: 94 Resp: 81371

Ion Ratio Lower Upper

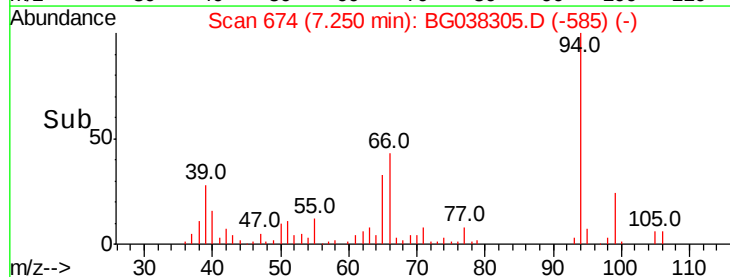
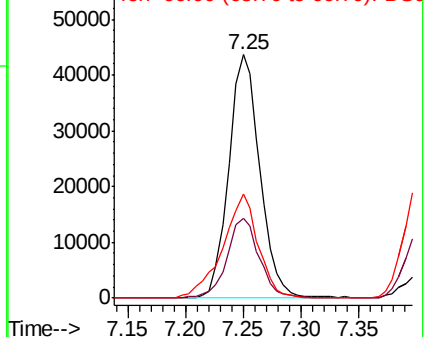
94 100

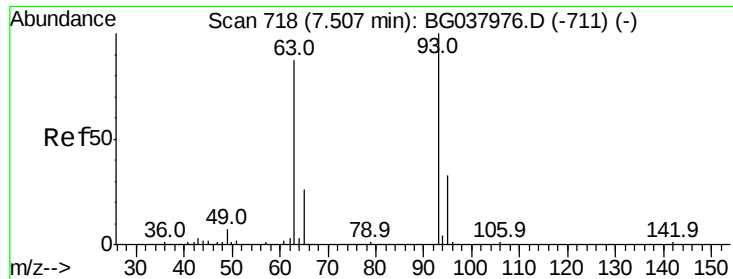
65 32.9 9.7 49.7

66 42.8 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: 37.375 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

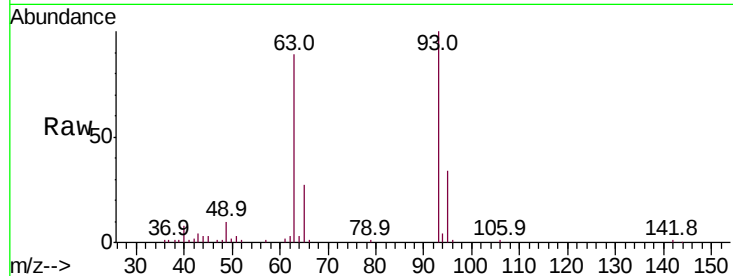
Tot Ion: 93 Resp: 66715

Ion Ratio Lower Upper

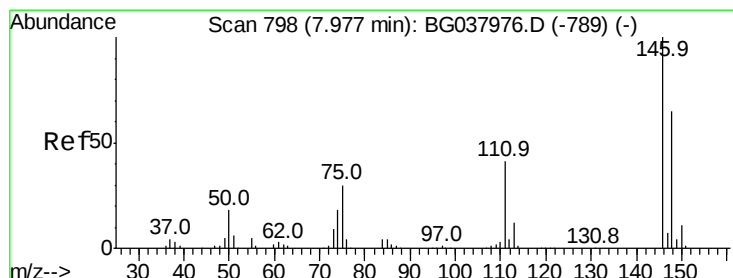
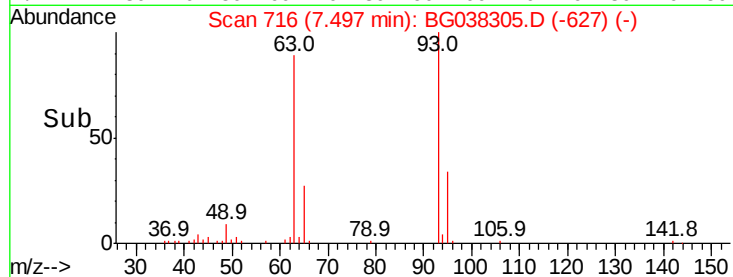
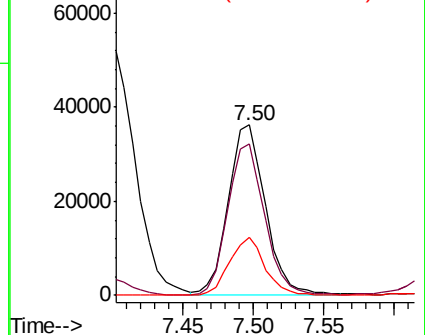
93 100

63 89.0 69.5 109.5

95 34.3 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.958 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

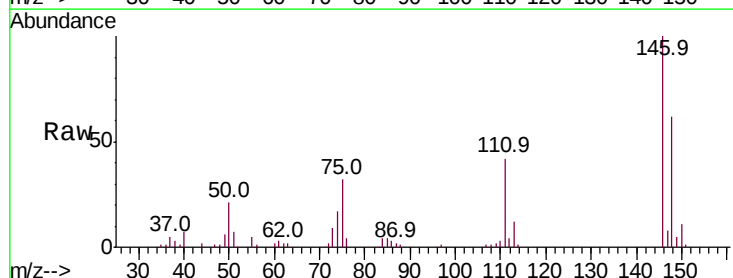
Tgt Ion: 146 Resp: 75307

Ion Ratio Lower Upper

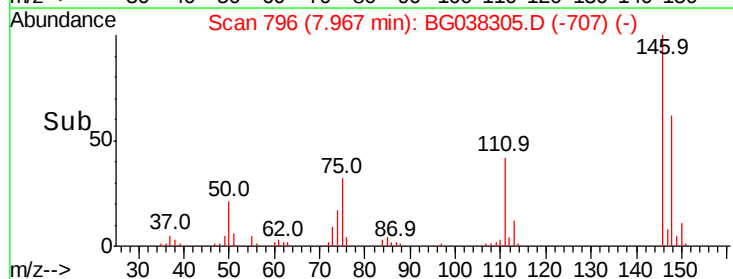
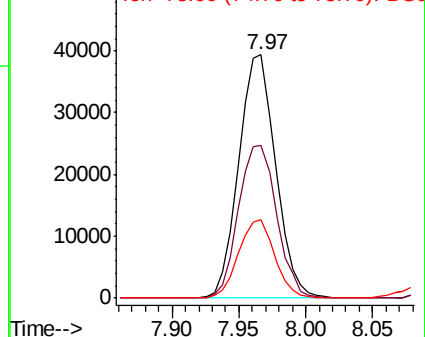
146 100

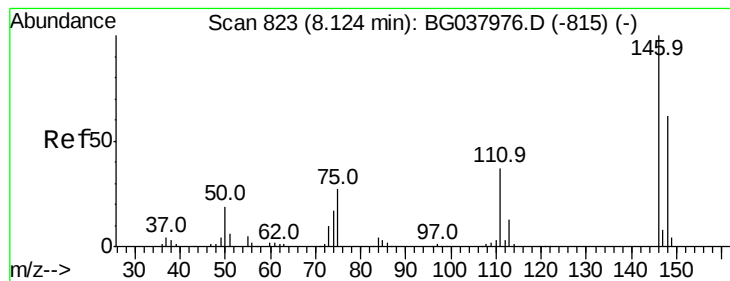
148 62.5 49.8 74.8

75 32.4 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 39.533 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

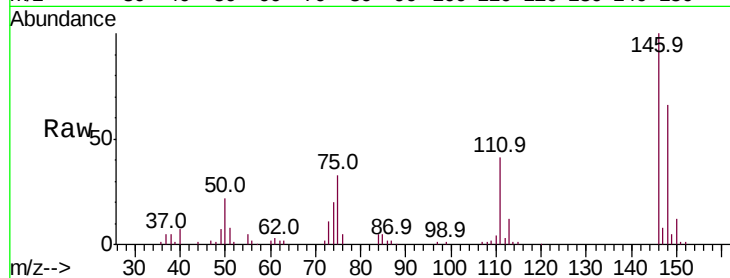
Tot Ion:146 Resp: 77195

Ion Ratio Lower Upper

146 100

148 66.1 51.0 76.6

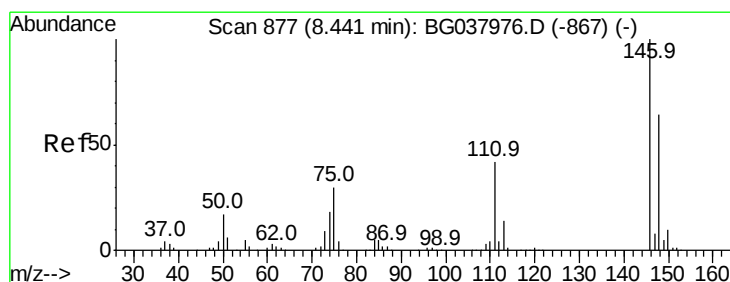
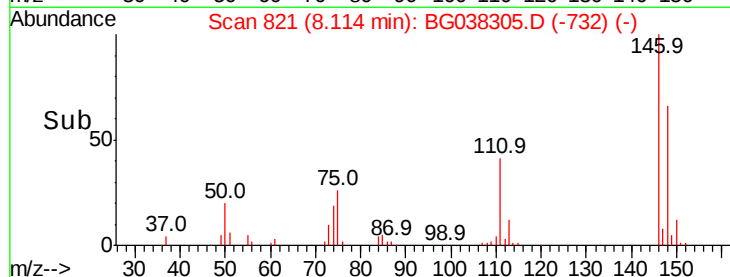
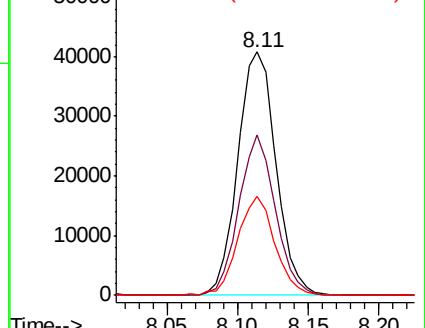
111 40.8 32.4 48.6



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: 38.776 ng

RT: 8.43 min Scan# 875

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

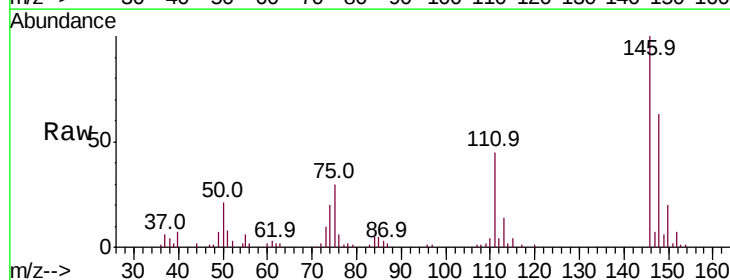
Tgt Ion:146 Resp: 72290

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

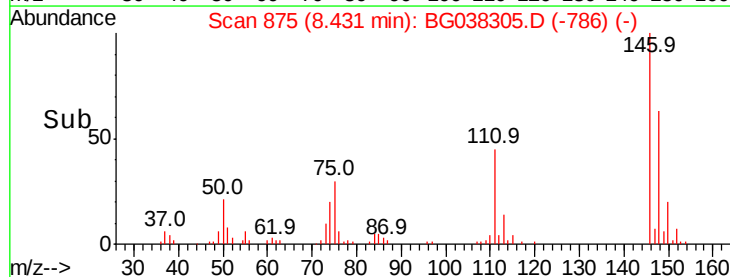
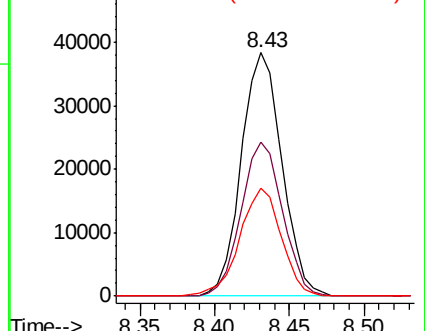
111 44.6 34.6 51.8

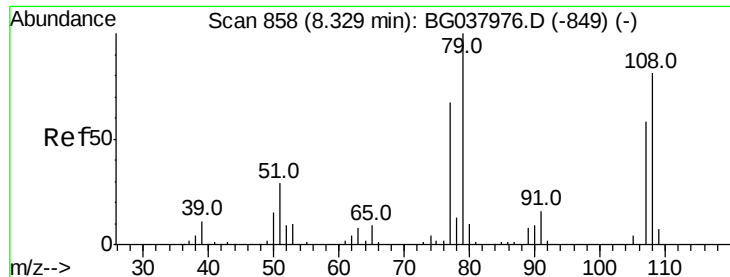


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.617 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

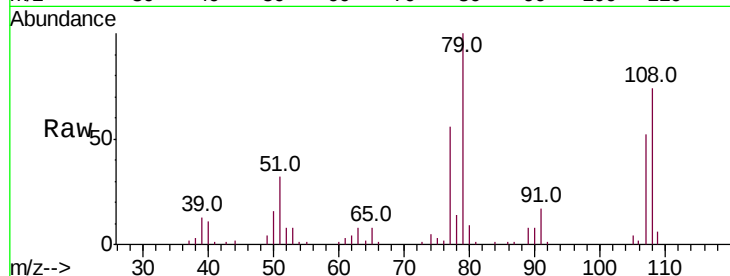
Tot Ion: 79 Resp: 59175

Ion Ratio Lower Upper

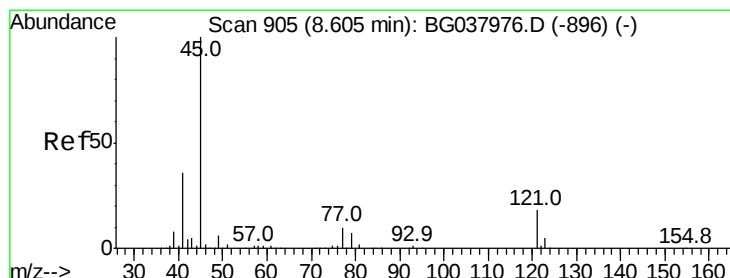
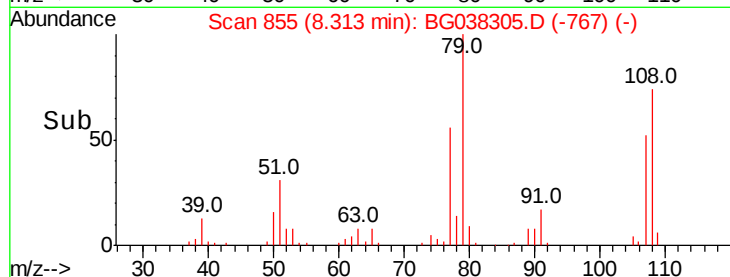
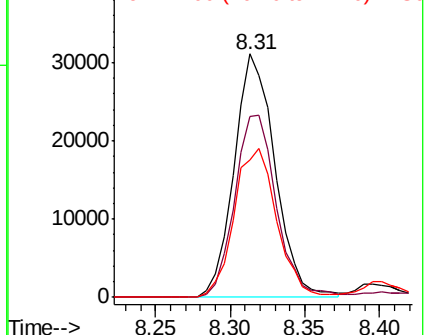
79 100

108 74.4 65.8 98.8

77 56.5 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.713 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

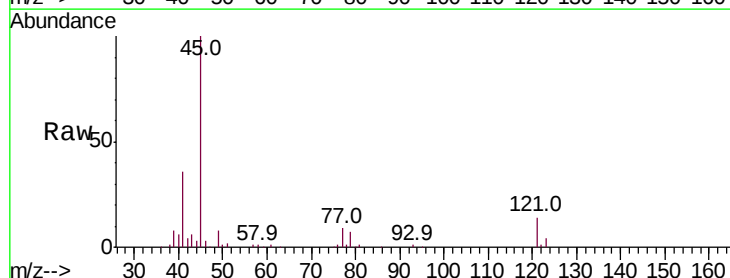
Tgt Ion: 45 Resp: 144890

Ion Ratio Lower Upper

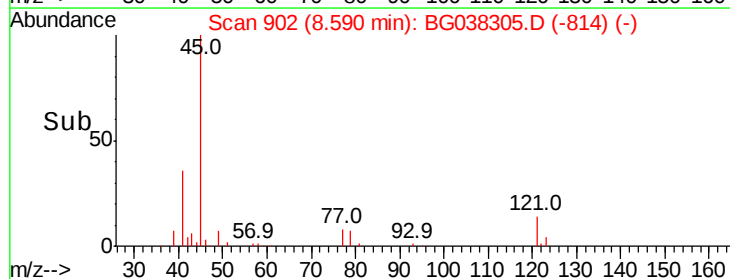
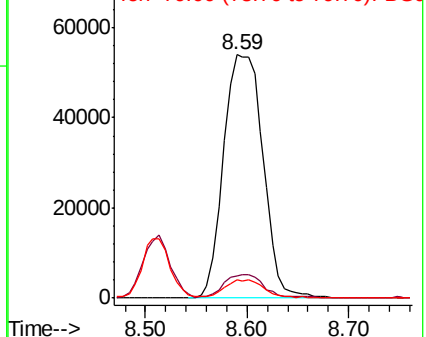
45 100

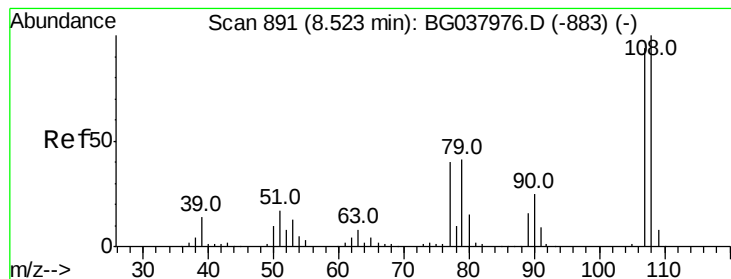
77 9.0 0.0 30.0

79 7.3 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 37.588 ng

RT: 8.51 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 55564

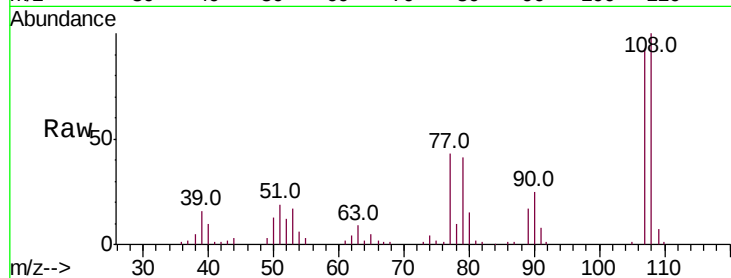
Ion Ratio Lower Upper

107 100

108 107.1 87.9 131.9

77 46.6 35.1 52.7

79 43.6 34.5 51.7

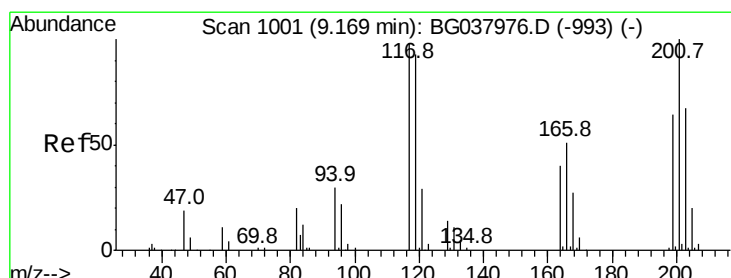
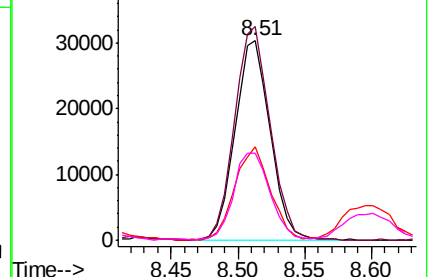
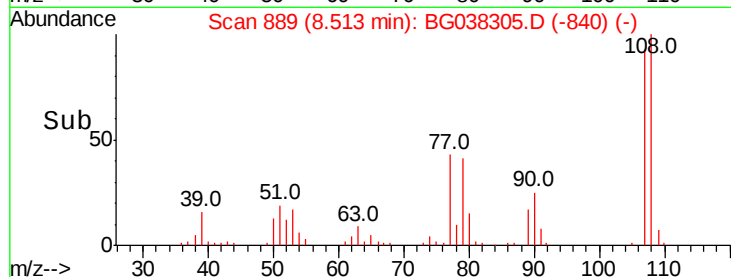


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.388 ng

RT: 9.16 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

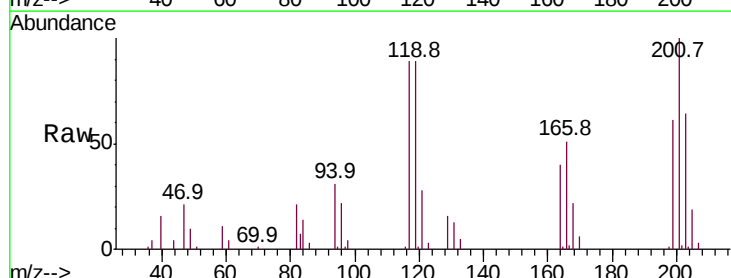
Tgt Ion:117 Resp: 29413

Ion Ratio Lower Upper

117 100

119 99.5 74.6 111.8

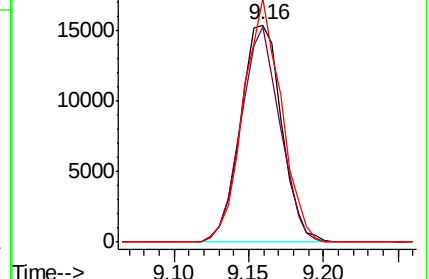
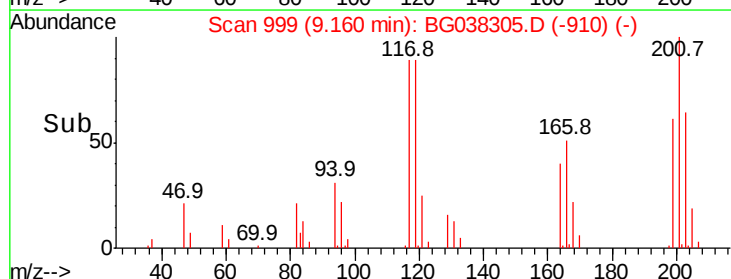
201 115.1 80.8 121.2

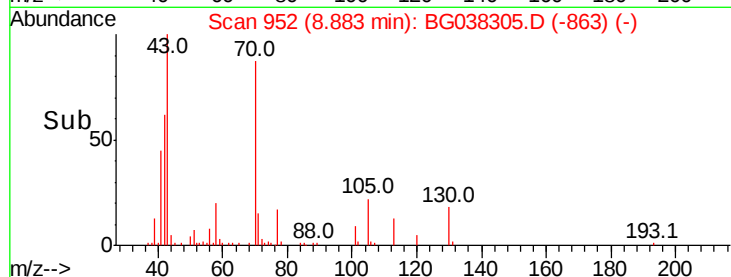
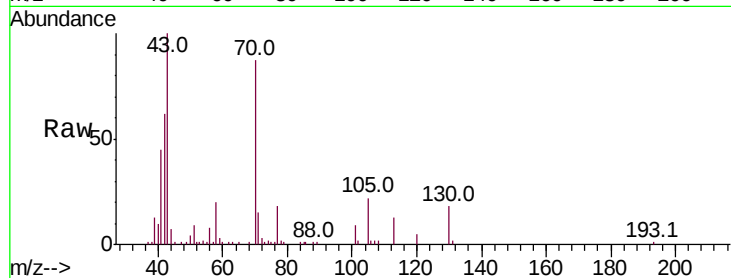
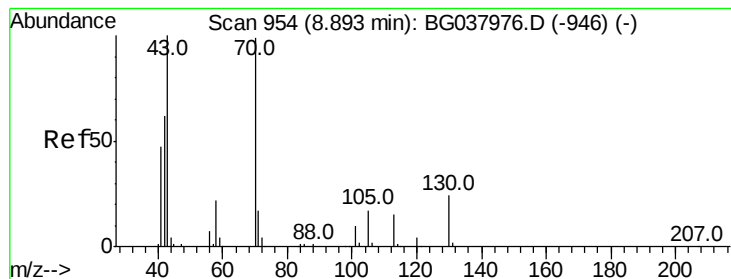


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.248 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 54142

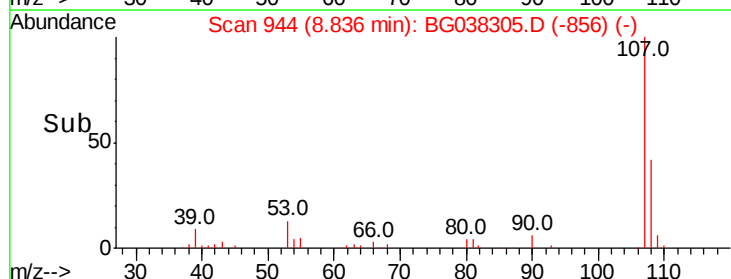
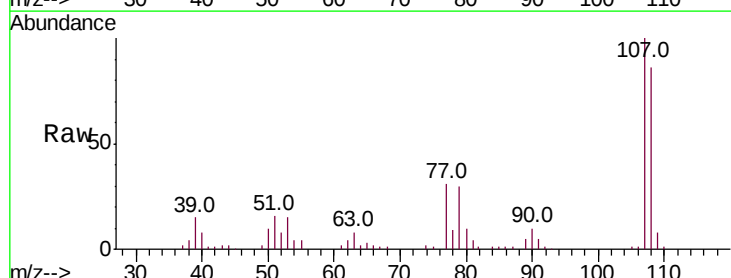
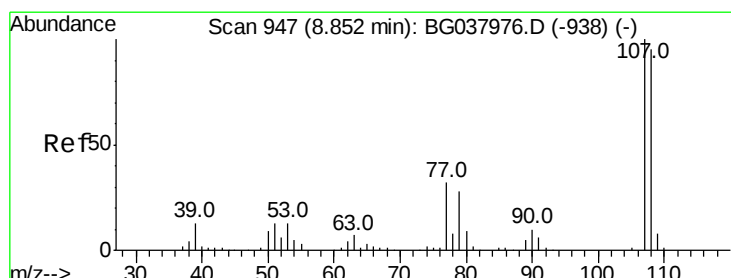
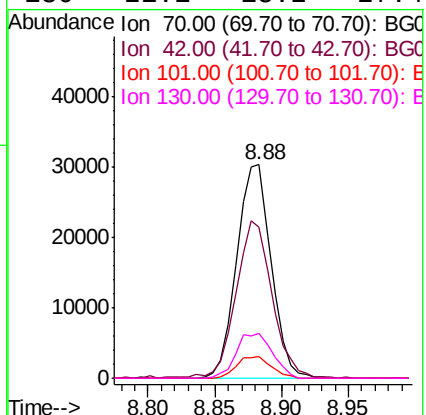
Ion Ratio Lower Upper

70 100

42 70.8 53.9 80.9

101 10.4 8.2 12.2

130 21.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 37.344 ng

RT: 8.84 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Tgt Ion: 107 Resp: 78257

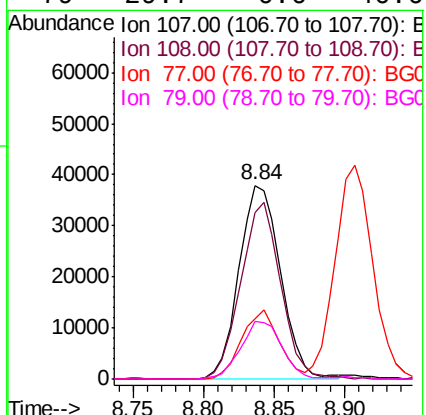
Ion Ratio Lower Upper

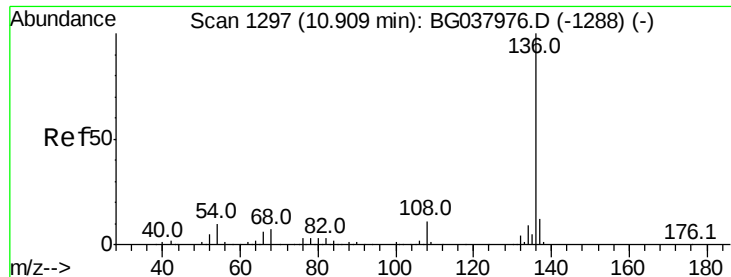
107 100

108 85.7 69.9 109.9

77 31.3 11.2 51.2

79 29.7 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 102036

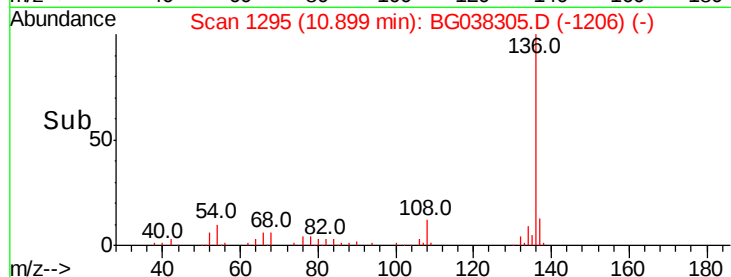
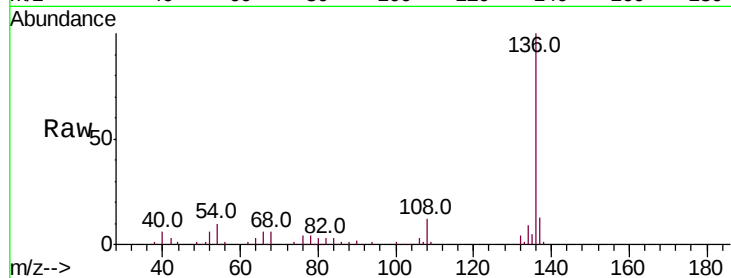
Ion Ratio Lower Upper

136 100

137 12.5 9.6 14.4

54 10.4 7.9 11.9

68 5.7 4.8 7.2

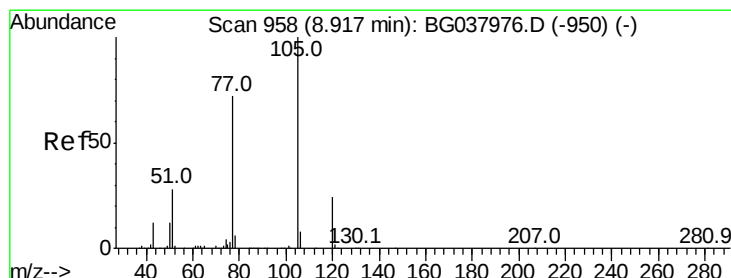
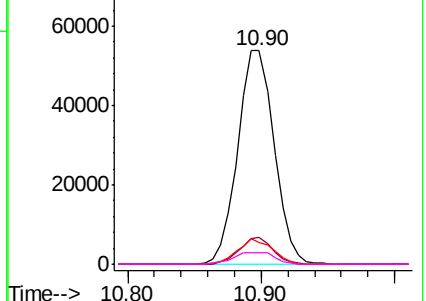


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.562 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Tgt Ion:105 Resp: 97897

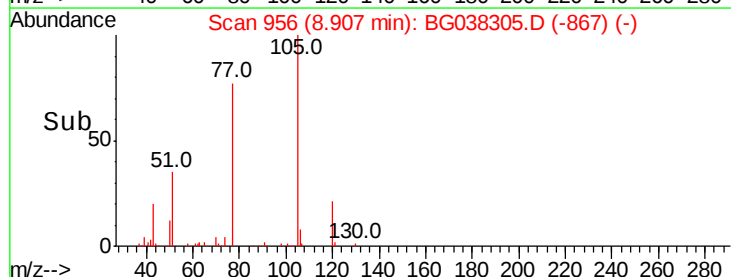
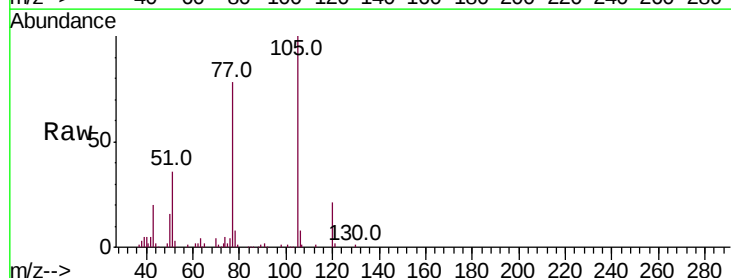
Ion Ratio Lower Upper

105 100

71 0.9 1.2 1.8#

51 36.2 25.0 37.6

120 21.1 18.6 28.0

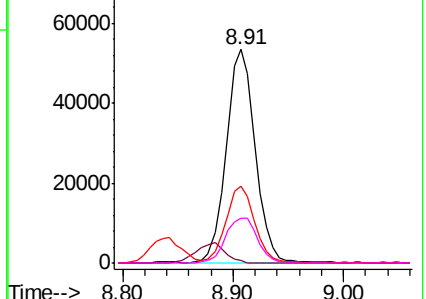


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

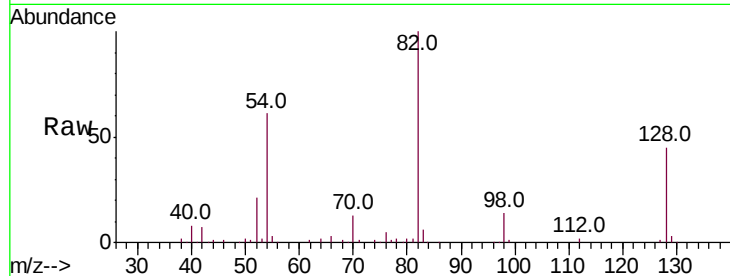




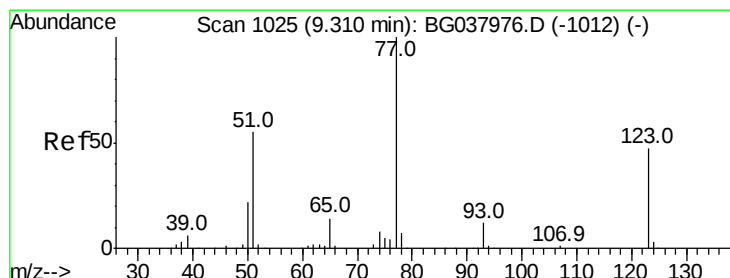
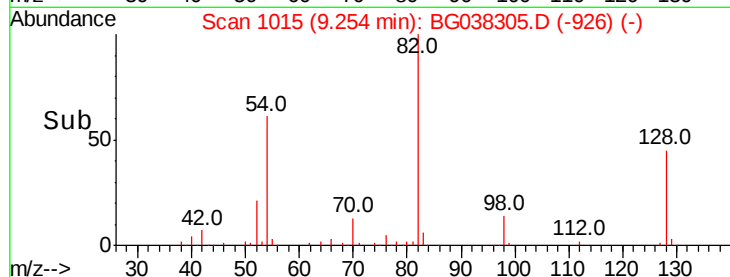
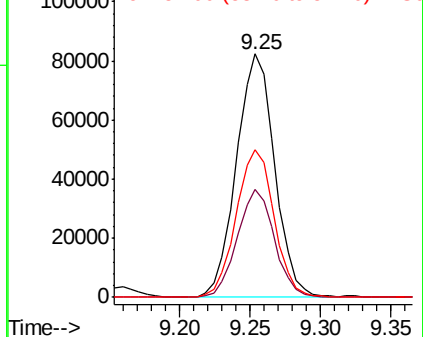
#23
Nitrobenzene-d5
Concen: 81.815 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 155950
Ion Ratio Lower Upper
82 100
128 44.5 34.6 51.8
54 60.5 45.3 67.9

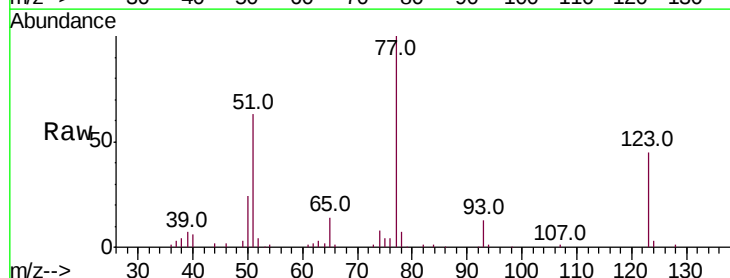


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

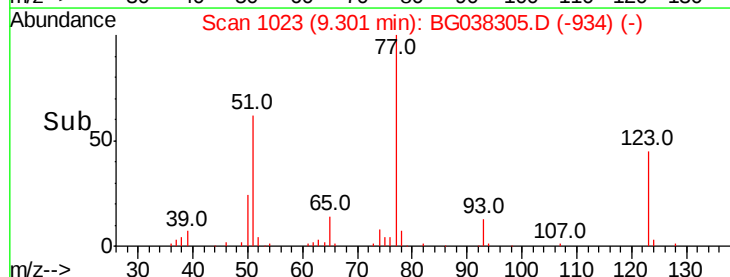
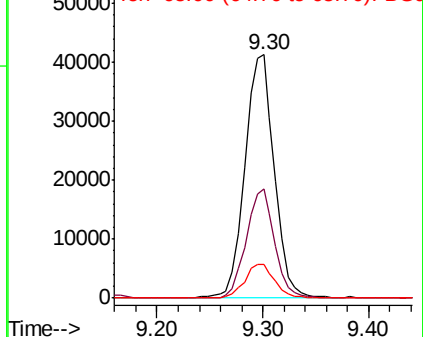


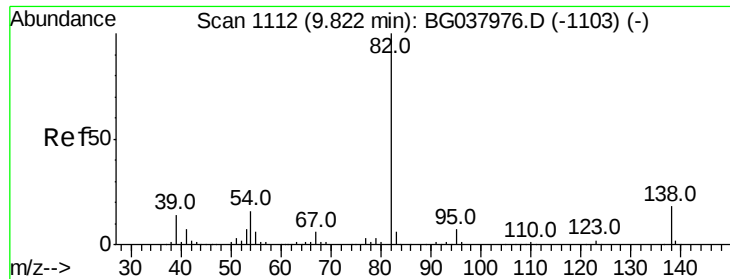
#24
Nitrobenzene
Concen: 40.813 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion: 77 Resp: 79582
Ion Ratio Lower Upper
77 100
123 44.9 33.6 50.4
65 13.6 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.671 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

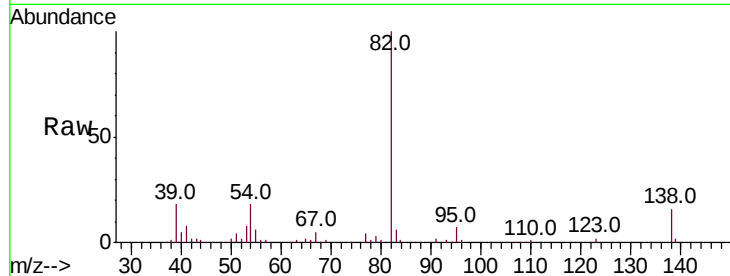
Tot Ion: 82 Resp: 129243

Ion Ratio Lower Upper

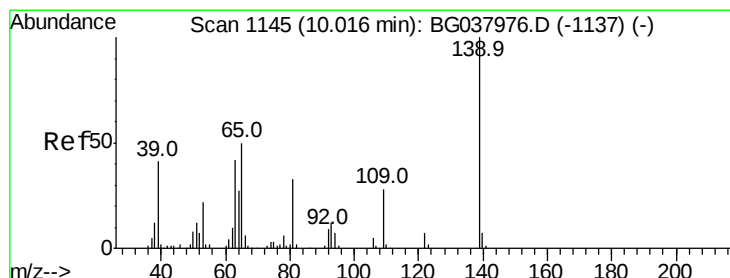
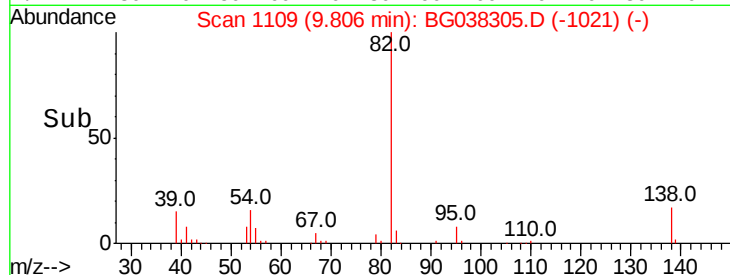
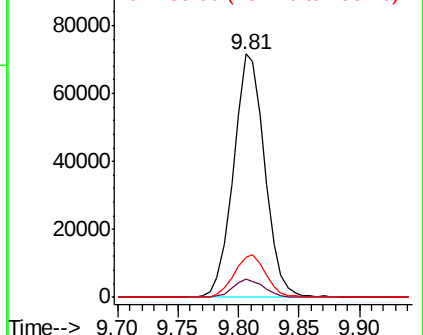
82 100

95 7.4 5.3 7.9

138 16.5 13.3 19.9



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



#26

2-Nitrophenol

Concen: 38.197 ng

RT: 10.01 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

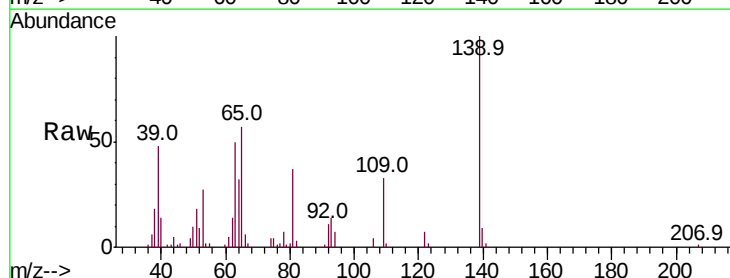
Tgt Ion: 139 Resp: 37183

Ion Ratio Lower Upper

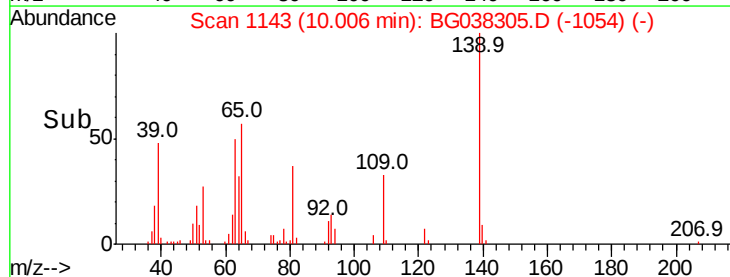
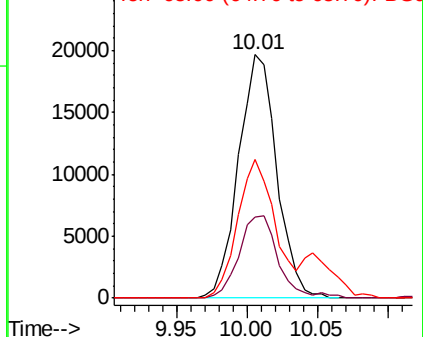
139 100

109 33.4 23.3 34.9

65 57.0 39.8 59.8



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

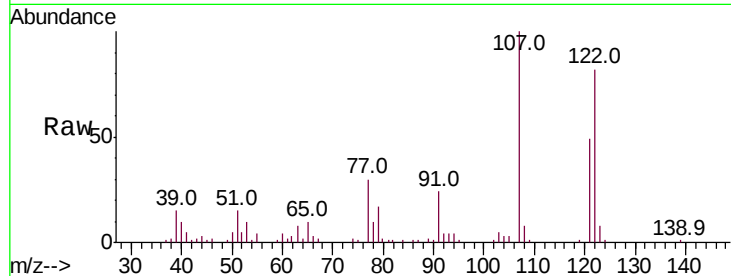




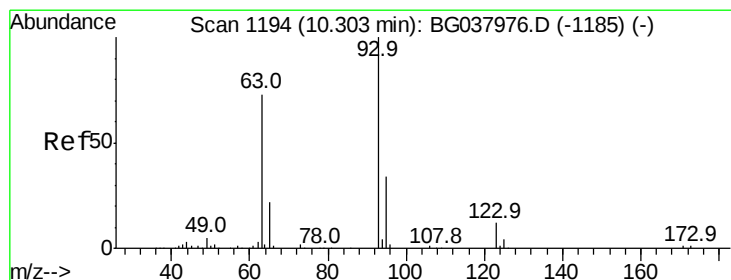
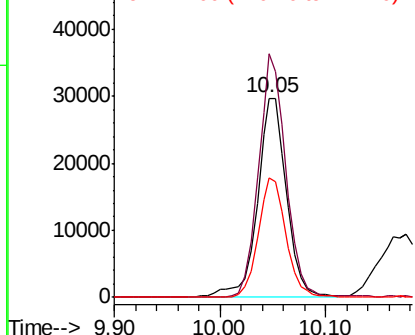
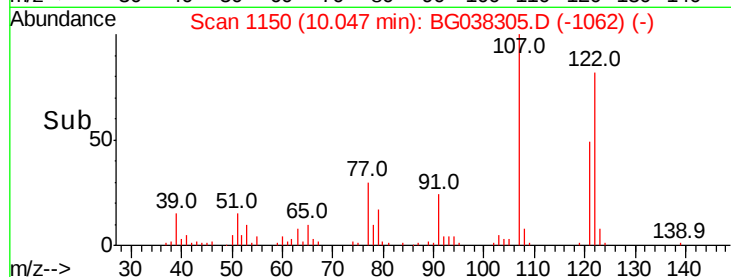
#27
 2,4-Dimethylphenol
 Concen: 38.831 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:122 Resp: 56952
 Ion Ratio Lower Upper
 122 100
 107 122.4 94.2 141.2
 121 59.9 47.3 70.9

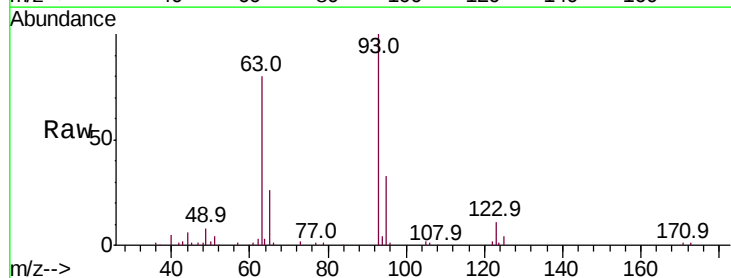


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

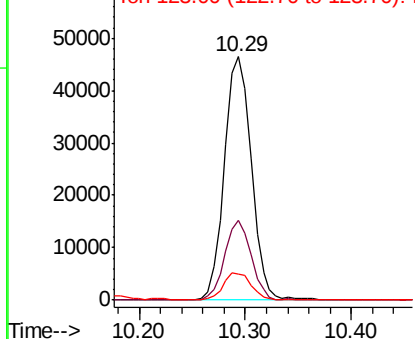
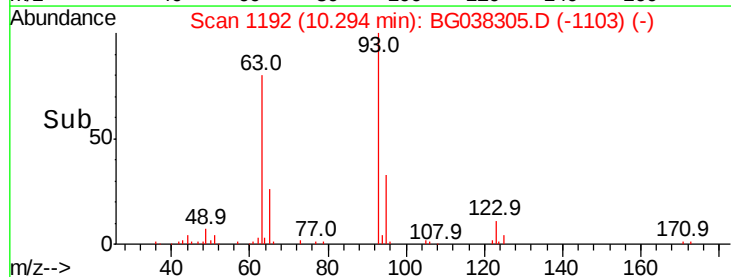


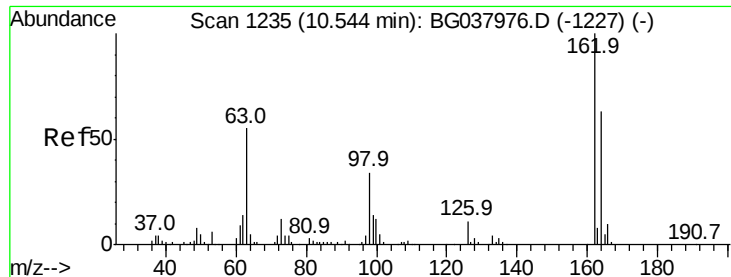
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.470 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Tgt Ion: 93 Resp: 82204
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 10.8 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

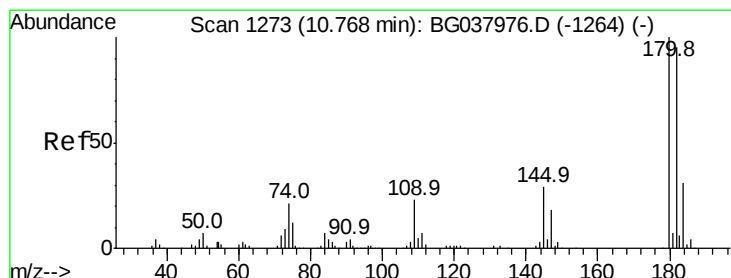
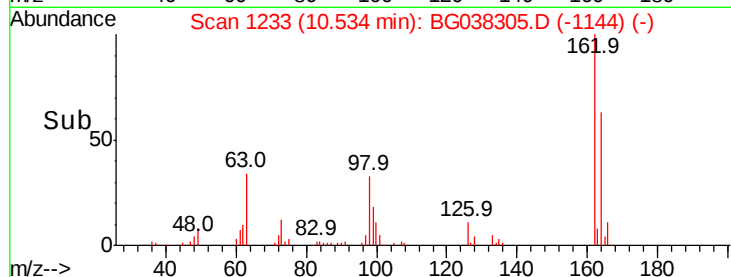
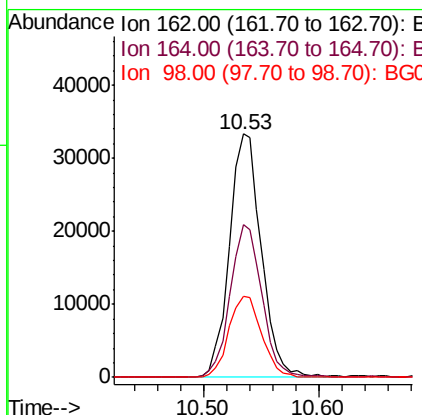
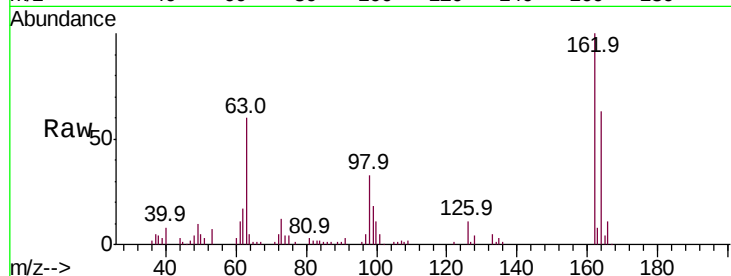




#29
 2,4-Dichlorophenol
 Concen: 38.585 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

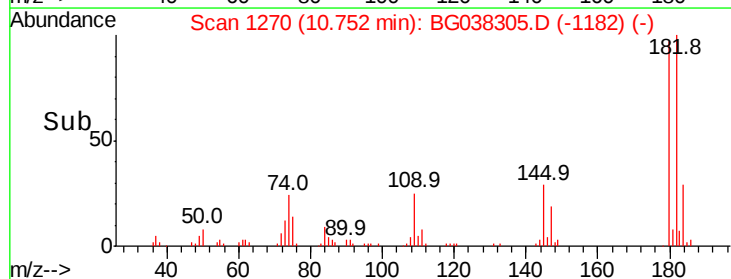
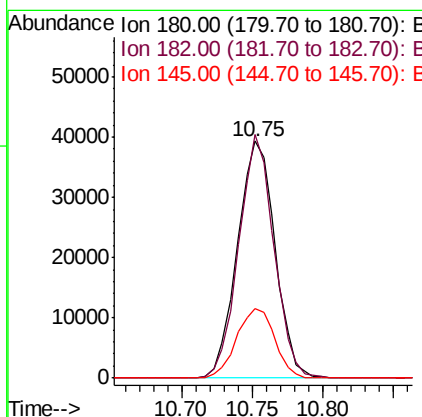
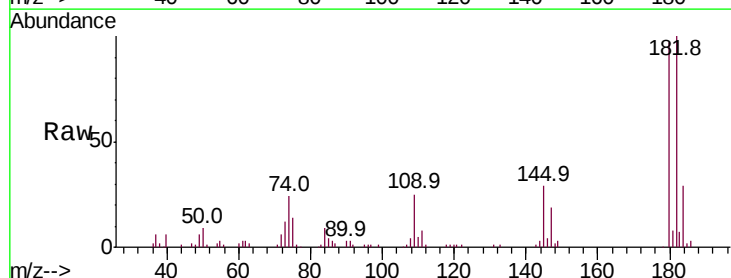
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

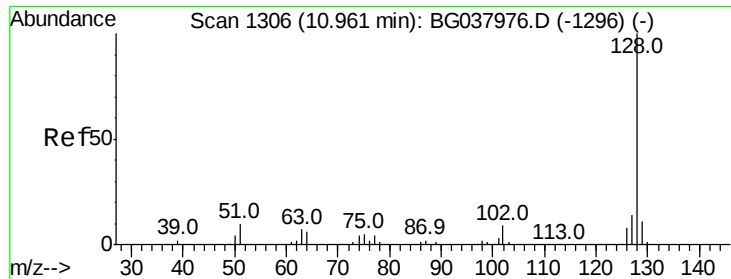
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.2	83.2
98	33.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.632 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.9	77.7	116.5
145	29.5	23.3	34.9

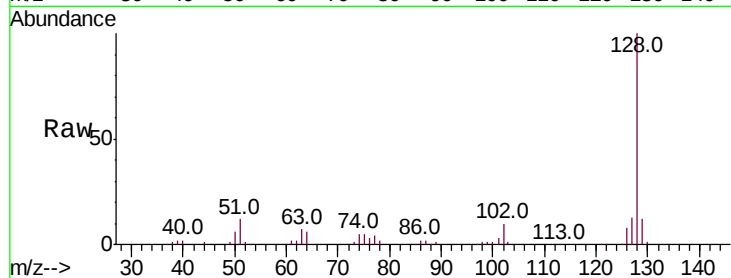




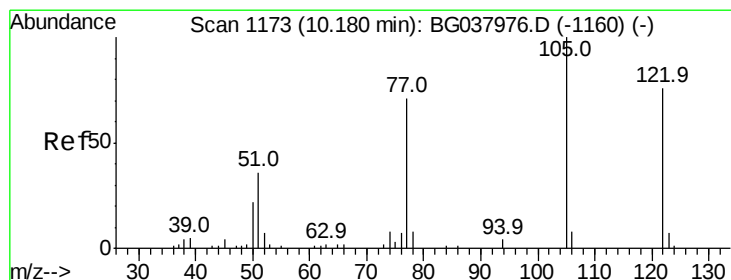
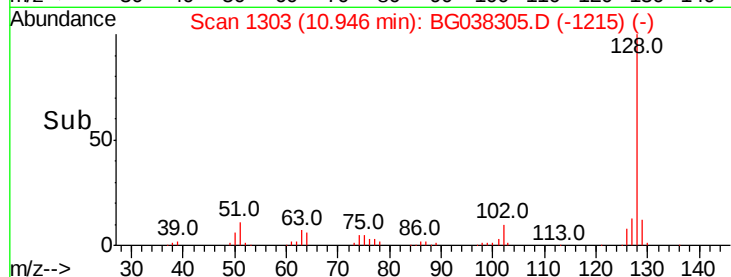
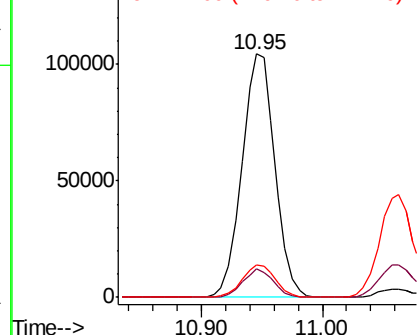
#31
Naphthalene
Concen: 39.397 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 197718
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 11.1 16.7

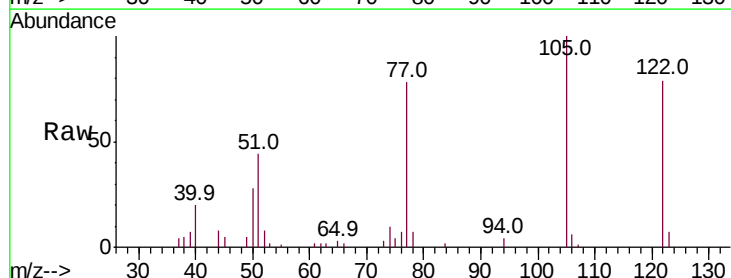


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

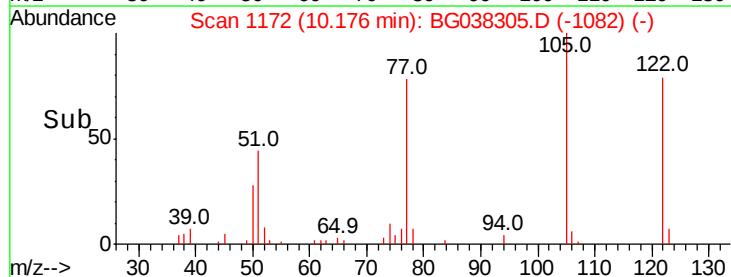
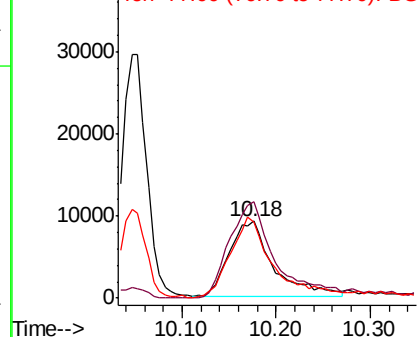


#32
Benzoic acid
Concen: 35.958 ng
RT: 10.18 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion:122 Resp: 30026
Ion Ratio Lower Upper
122 100
105 126.2 106.7 146.7
77 98.7 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

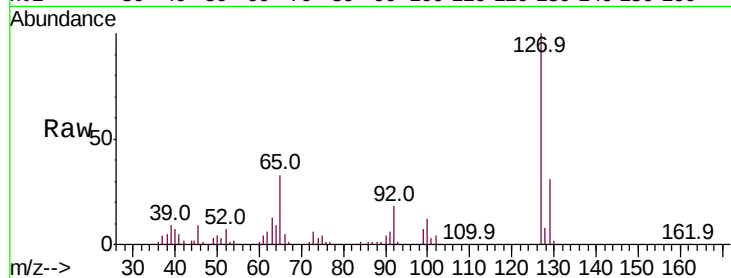




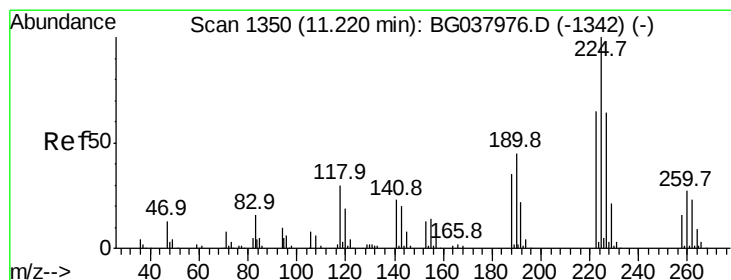
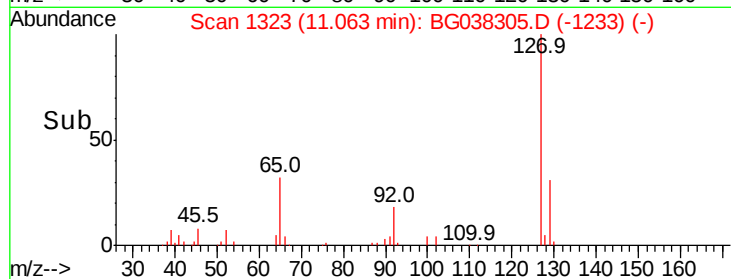
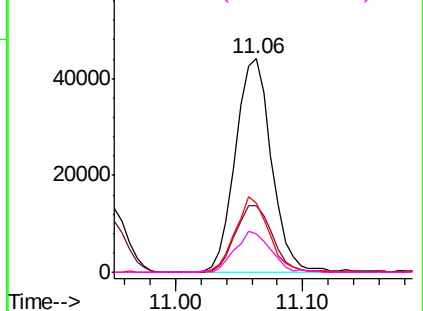
#33
4-Chloroaniline
Concen: 37.310 ng
RT: 11.06 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	87099
Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.1	40.7
65	32.7	26.6	39.8
92	18.2	16.4	24.6

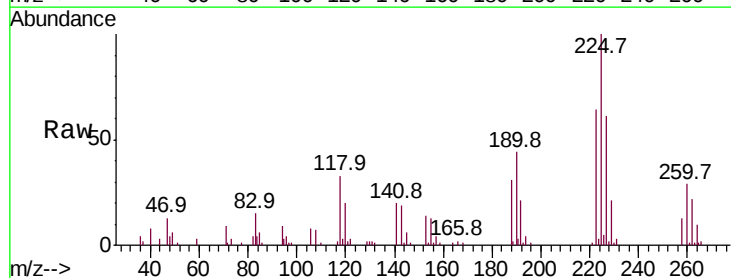


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

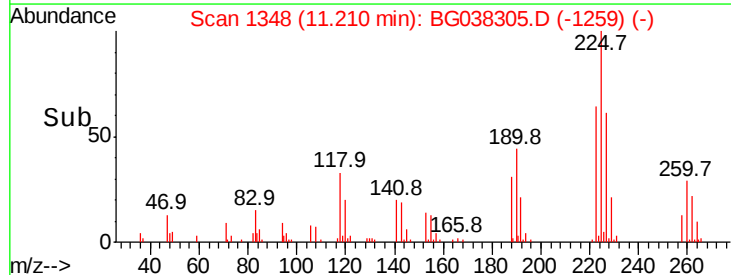
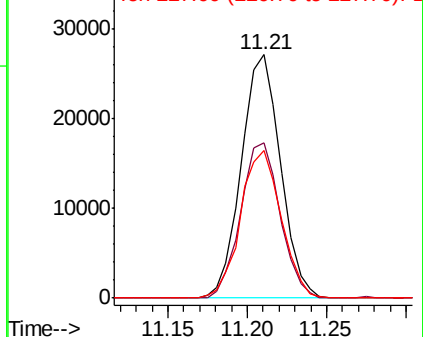


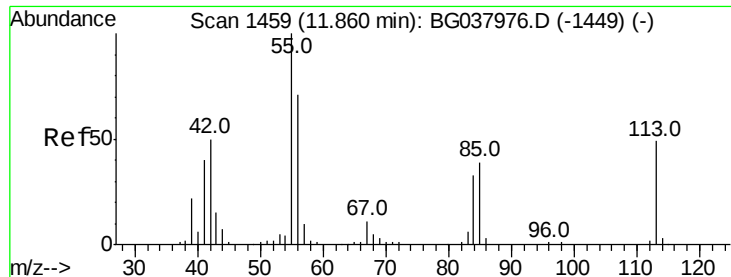
#34
Hexachlorobutadiene
Concen: 41.080 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion:	225	Resp:	46739
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.2	72.4
227	60.1	51.6	77.4



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





#35

Caprolactam

Concen: 44.328 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

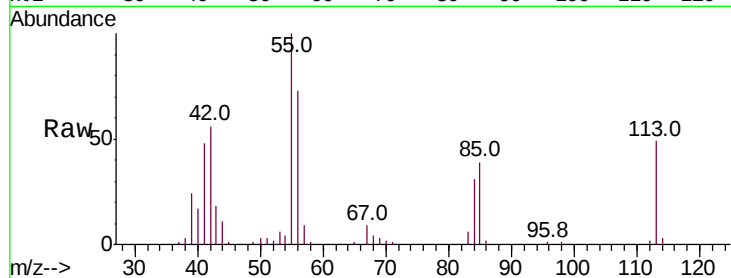
Tot Ion:113 Resp: 29271

Ion Ratio Lower Upper

113 100

55 203.4 176.6 216.6

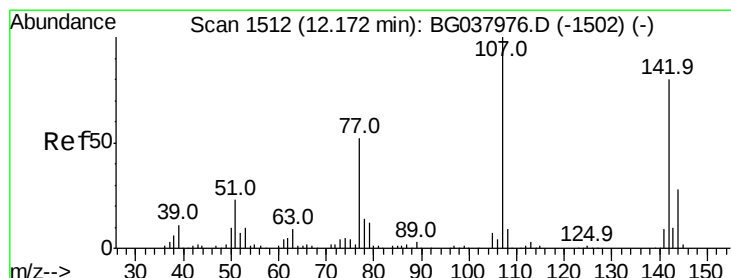
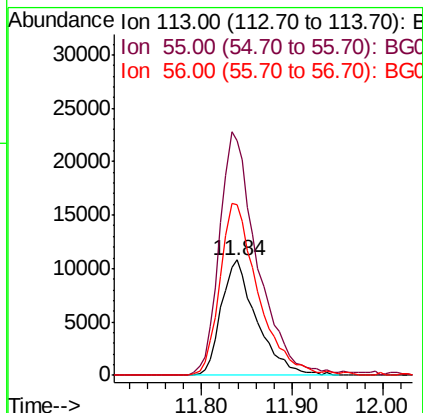
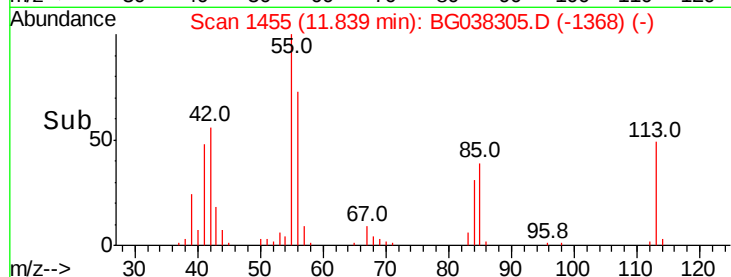
56 148.4 128.3 168.3



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: 39.816 ng

RT: 12.17 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

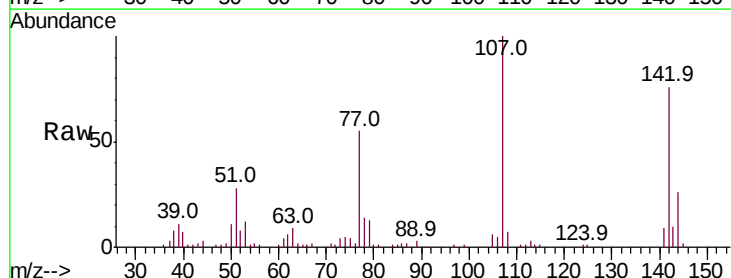
Tgt Ion:107 Resp: 71761

Ion Ratio Lower Upper

107 100

144 26.1 20.7 31.1

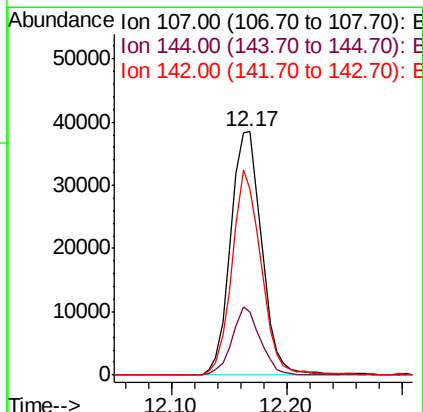
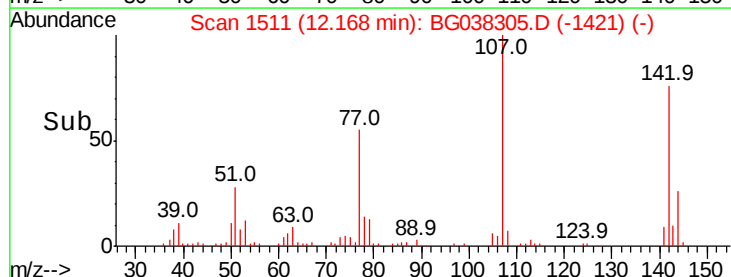
142 76.3 64.4 96.6

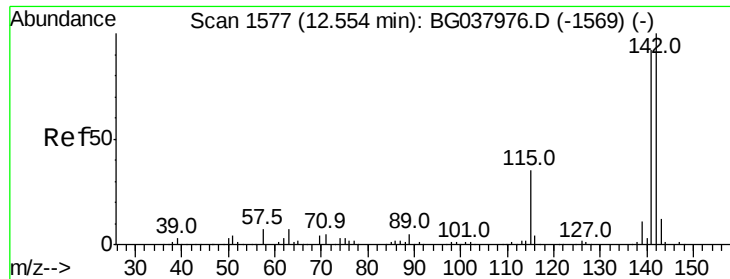


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

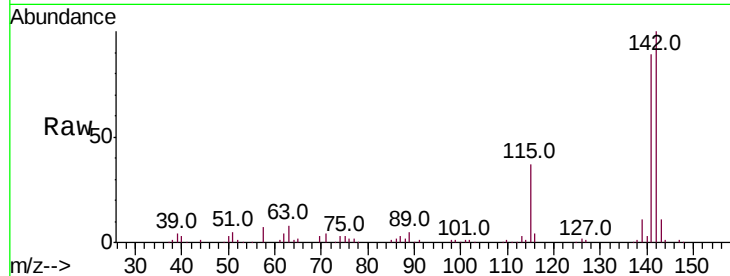




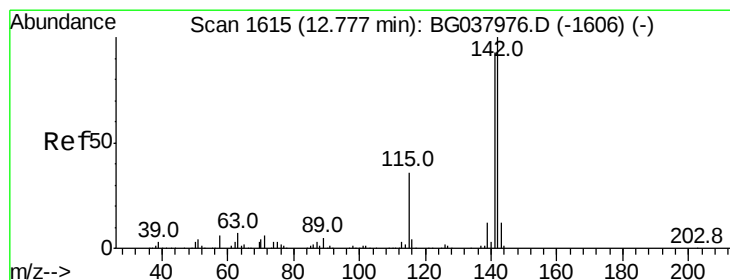
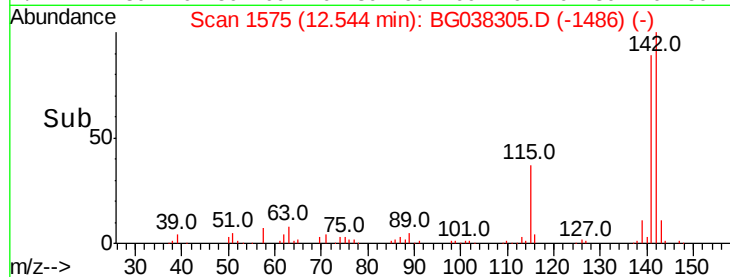
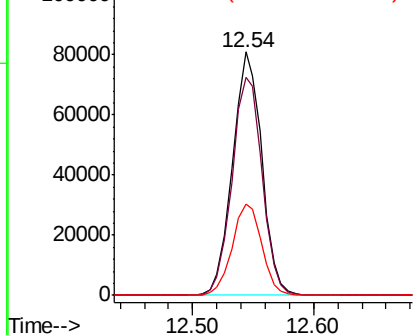
#37
 2-Methylnaphthalene
 Concen: 37.875 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 136537
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.9 107.9
 115 37.3 27.8 41.8

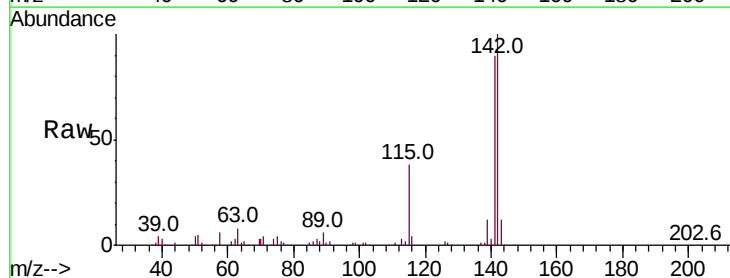


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

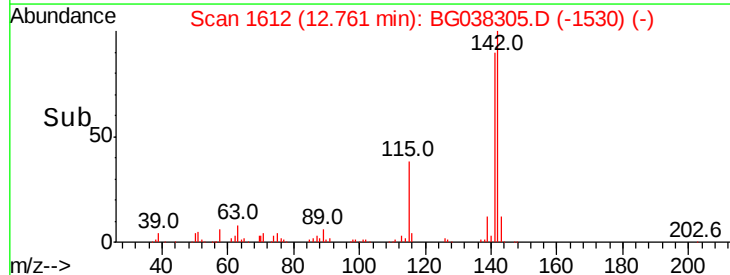
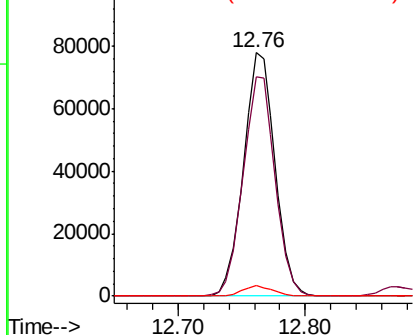


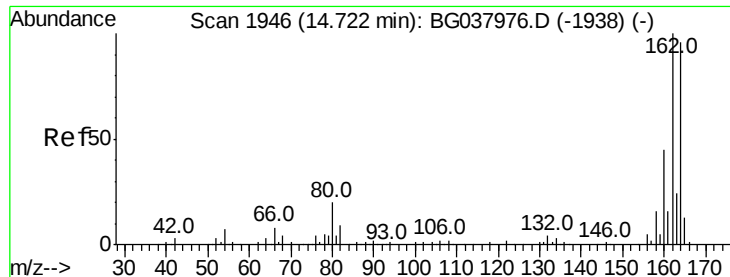
#38
 1-Methylnaphthalene
 Concen: 38.529 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. -0.02 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Tgt Ion:142 Resp: 133695
 Ion Ratio Lower Upper
 142 100
 141 90.1 75.2 112.8
 116 4.3 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# 1944

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

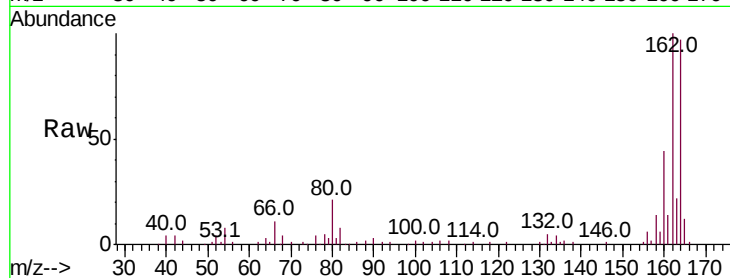
Tot Ion:164 Resp: 65208

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

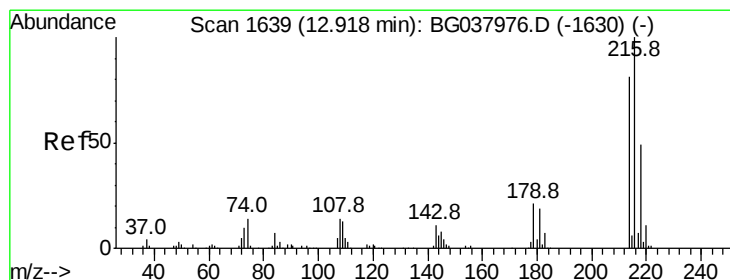
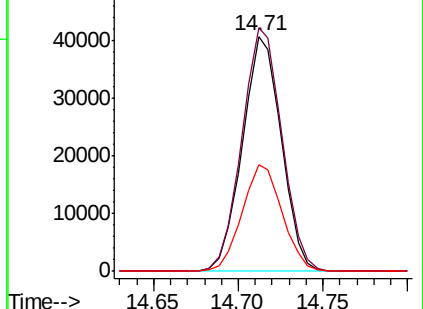
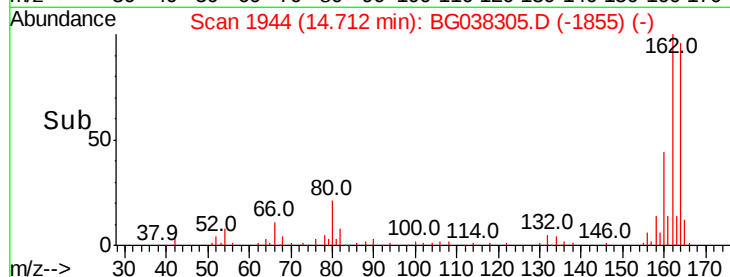
160 45.1 36.3 54.5



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: 39.179 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Tgt Ion:216 Resp: 85369

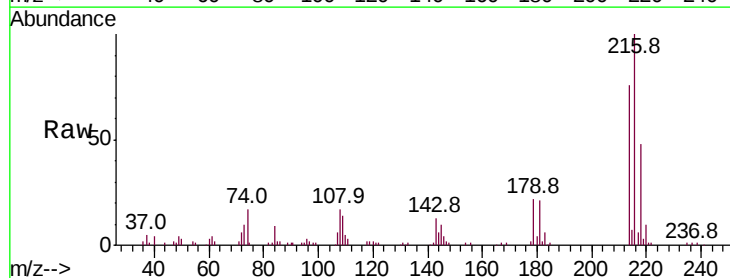
Ion Ratio Lower Upper

216 100

214 77.9 63.8 95.6

179 21.1 17.4 26.0

108 18.6 13.9 20.9

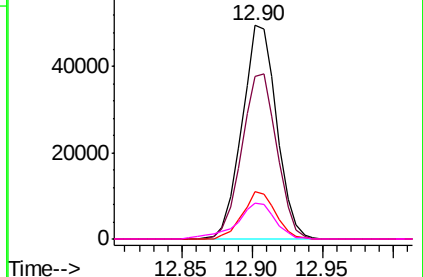
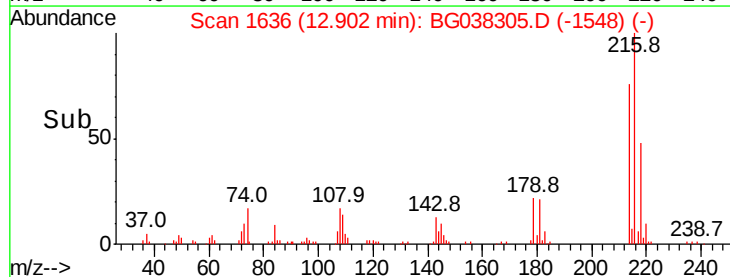


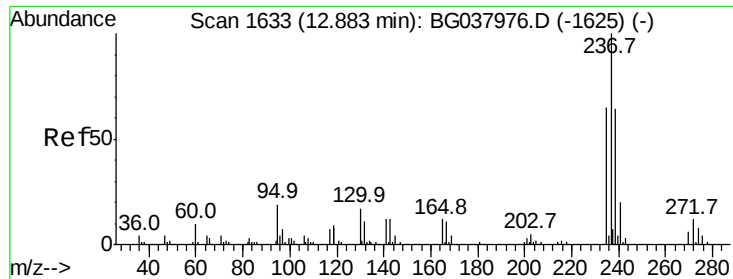
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.964 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

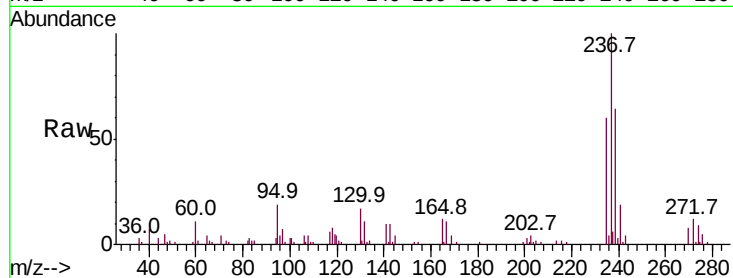
Tot Ion:237 Resp: 46629

Ion Ratio Lower Upper

237 100

235 60.4 42.5 82.5

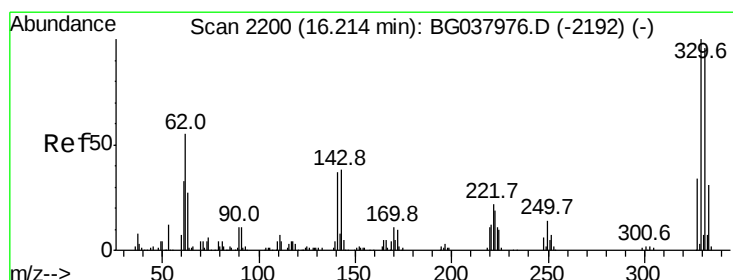
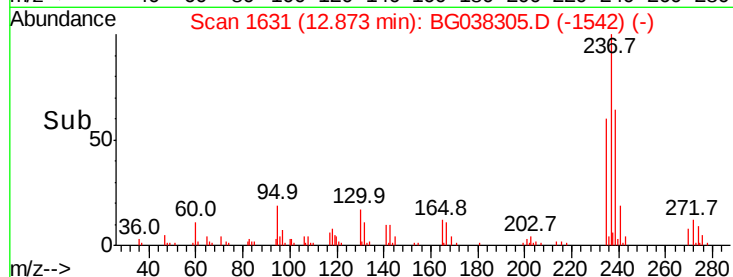
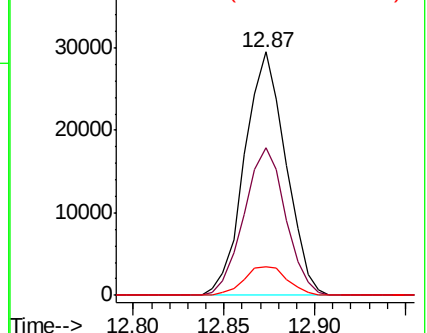
272 11.8 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 98.697 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

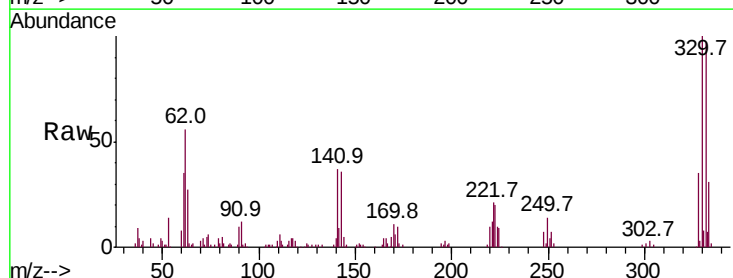
Tgt Ion:330 Resp: 73399

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

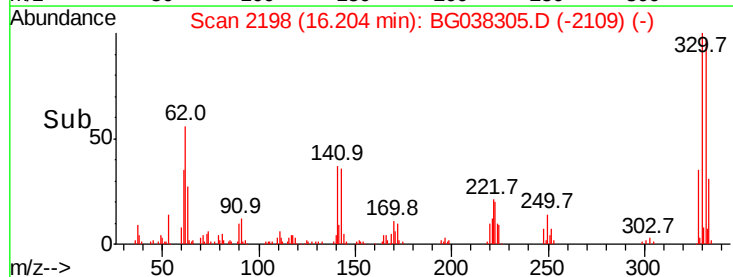
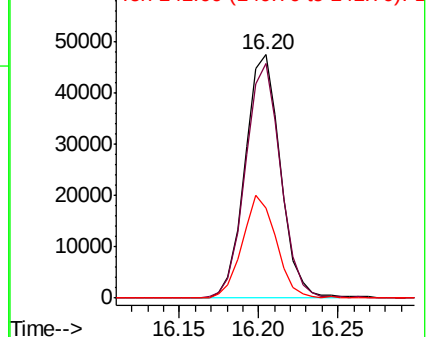
141 40.4 32.2 48.2

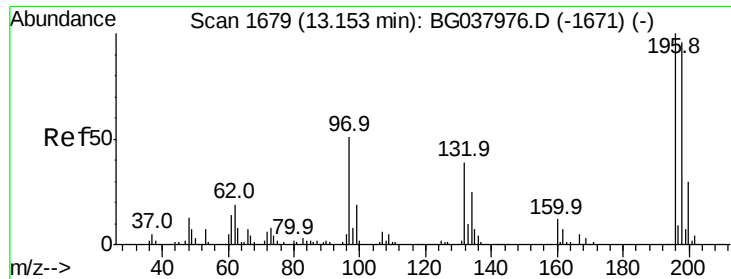


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

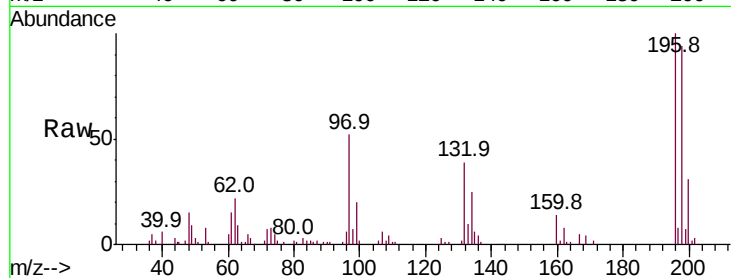




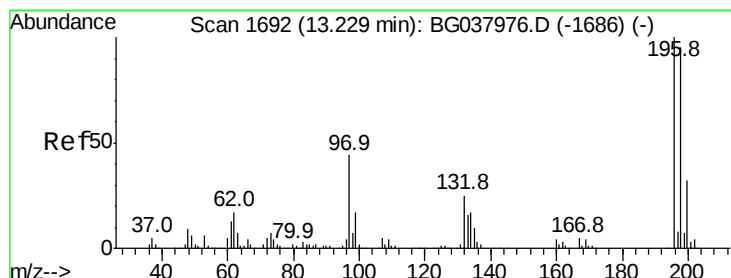
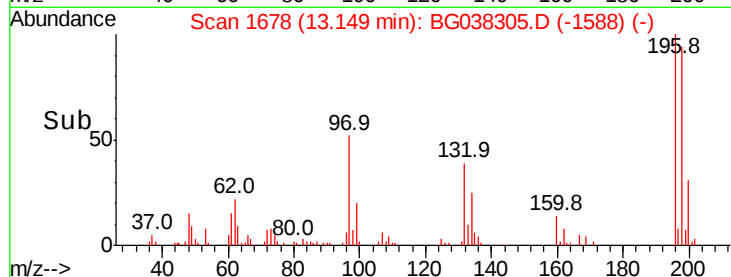
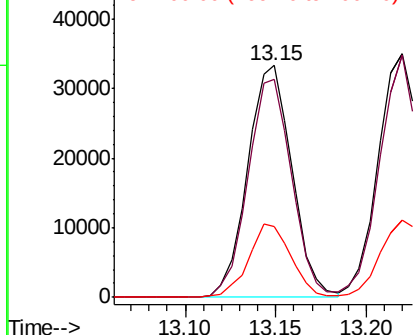
#43
 2,4,6-Trichlorophenol
 Concen: 38.009 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 56436
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.4 114.6
 200 30.5 24.9 37.3

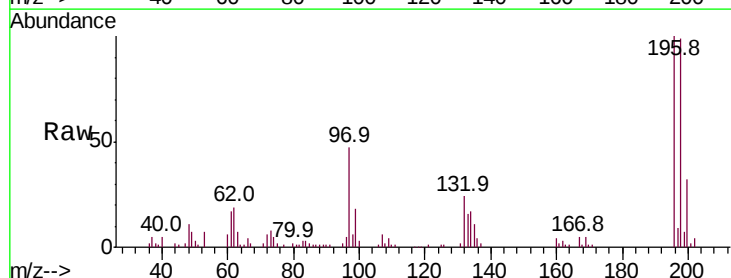


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

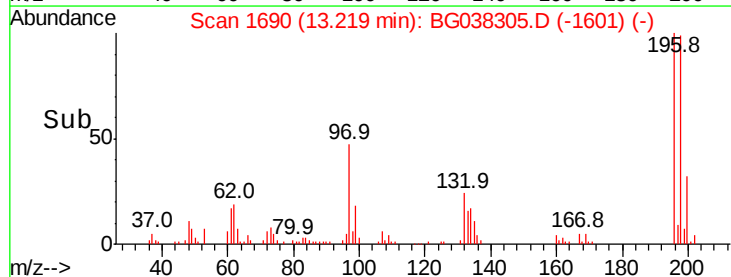
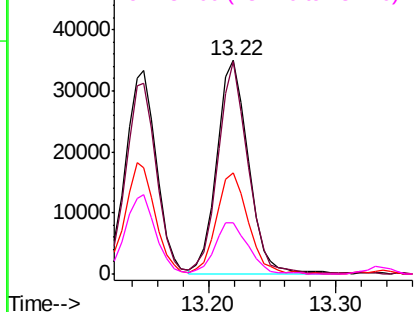


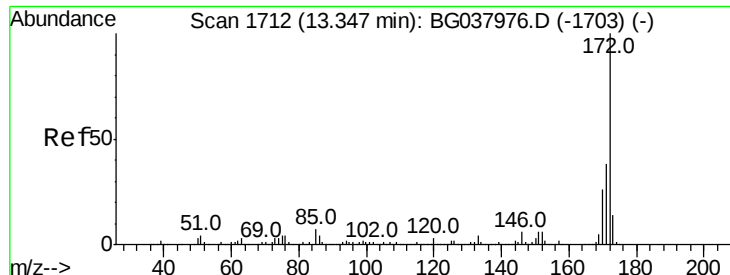
#44
 2,4,5-Trichlorophenol
 Concen: 38.820 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Tgt Ion:196 Resp: 60649
 Ion Ratio Lower Upper
 196 100
 198 99.4 74.2 111.2
 97 47.3 34.1 51.1
 132 24.2 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

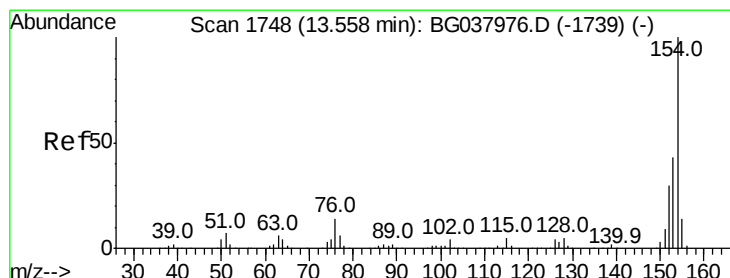
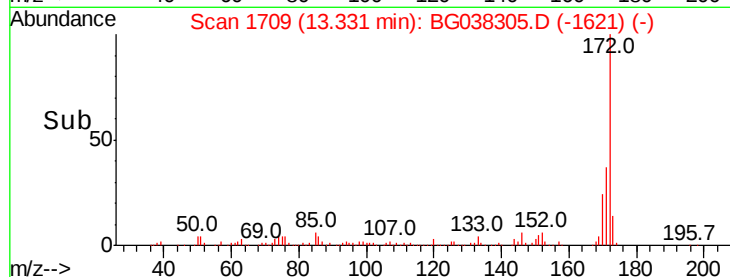
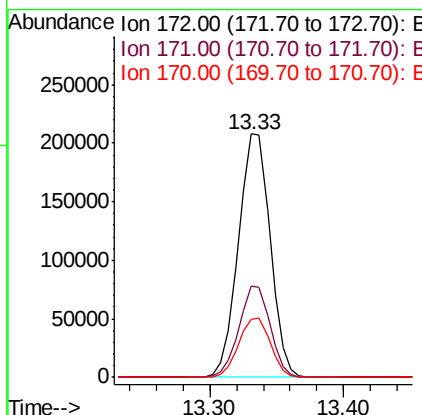
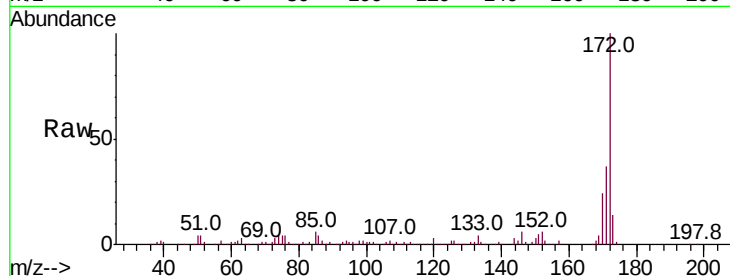




#45
2-Fluorobiphenyl
Concen: 76.499 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

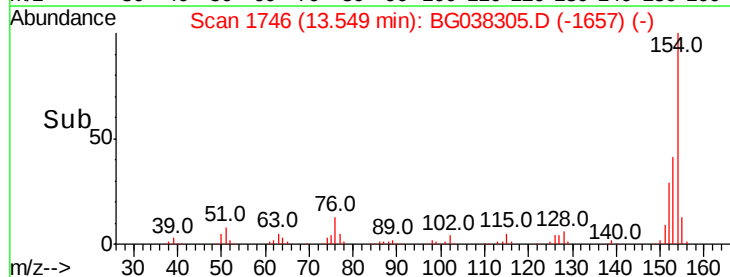
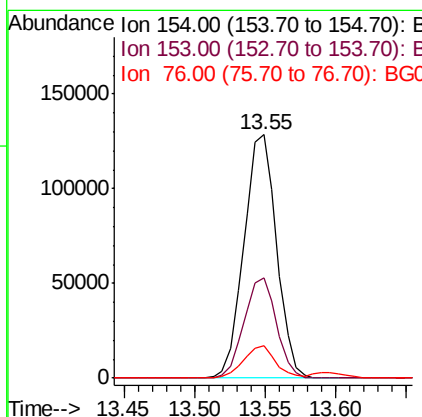
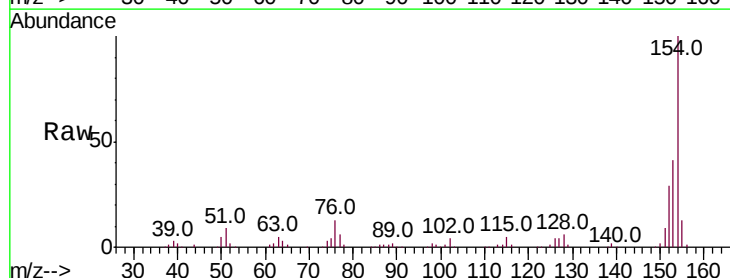
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

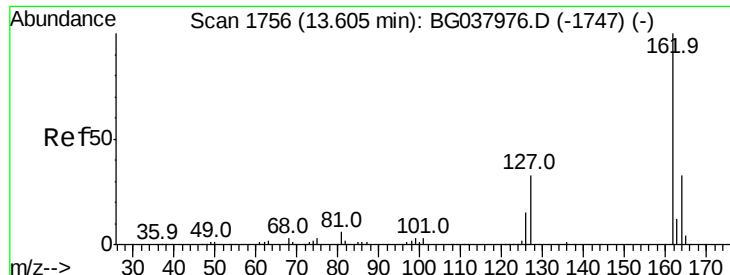
Tot Ion:172 Resp: 342407
Ion Ratio Lower Upper
172 100
171 37.2 31.0 46.4
170 23.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 37.958 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion:154 Resp: 207942
Ion Ratio Lower Upper
154 100
153 41.3 22.1 62.1
76 13.2 0.0 33.2





#47

2-Chloronaphthalene

Concen: 37.706 ng

RT: 13.60 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

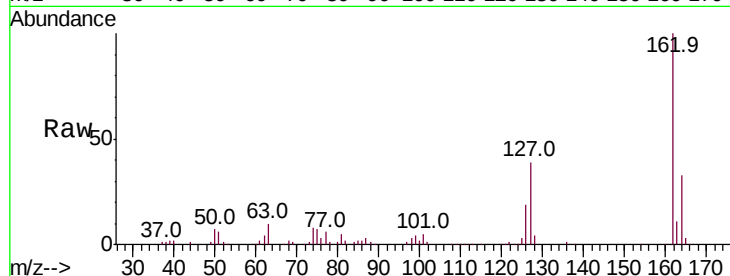
Tot Ion:162 Resp: 157625

Ion Ratio Lower Upper

162 100

127 38.7 30.5 45.7

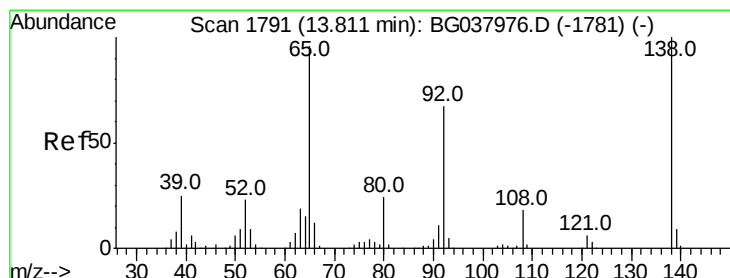
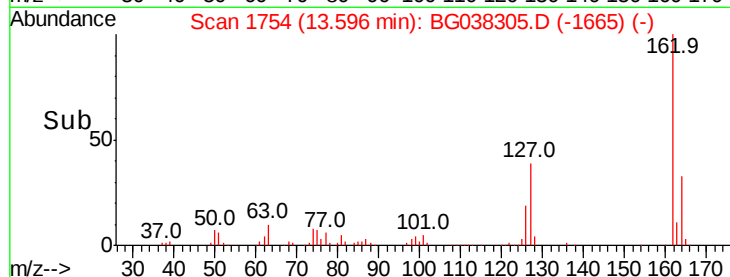
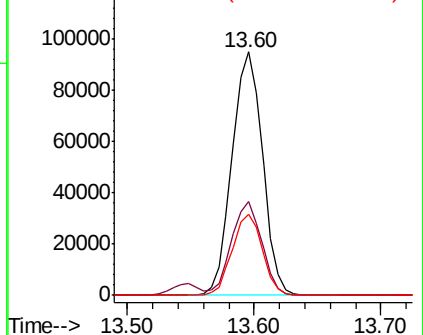
164 33.4 26.4 39.6



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: 44.649 ng

RT: 13.81 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

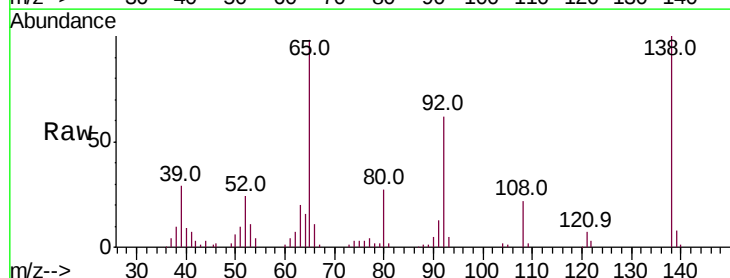
Tgt Ion: 65 Resp: 58743

Ion Ratio Lower Upper

65 100

92 63.0 53.2 79.8

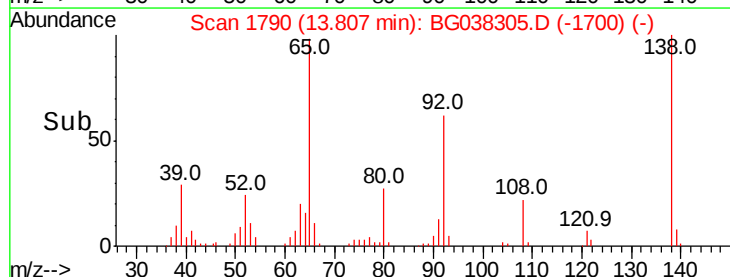
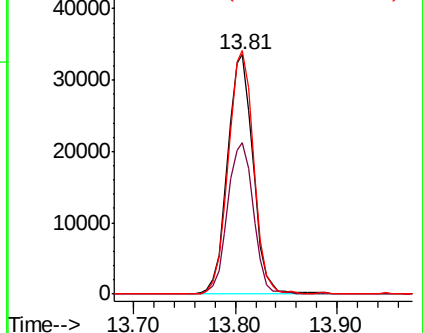
138 101.6 79.3 118.9

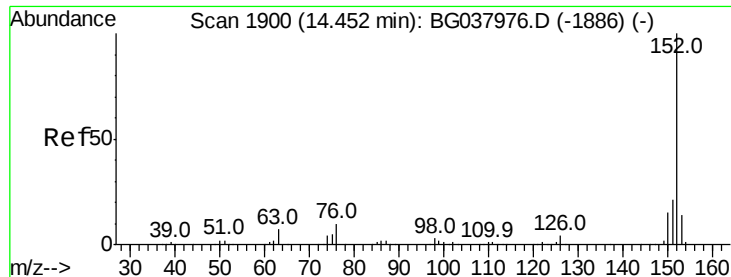


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.092 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

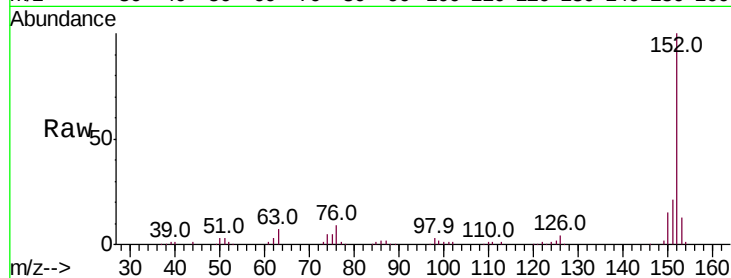
Tot Ion:152 Resp: 245747

Ion Ratio Lower Upper

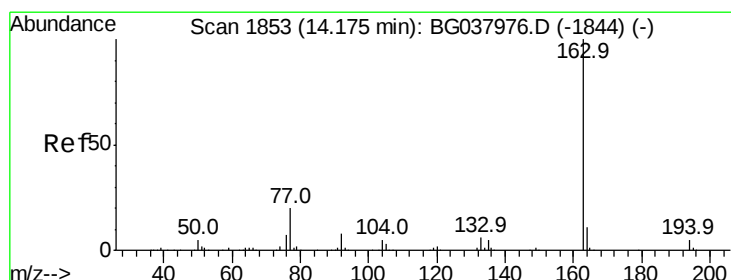
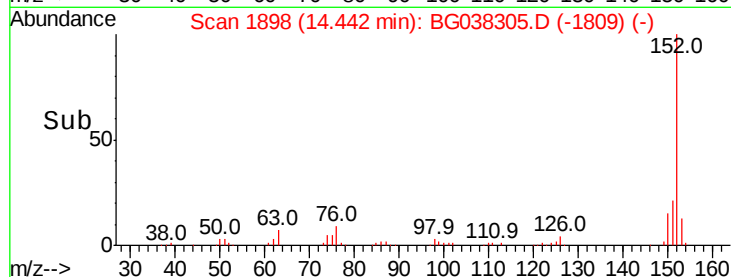
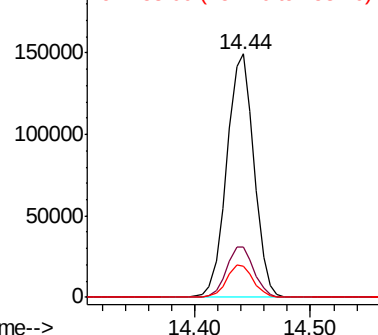
152 100

151 20.8 17.1 25.7

153 12.9 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: 42.734 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

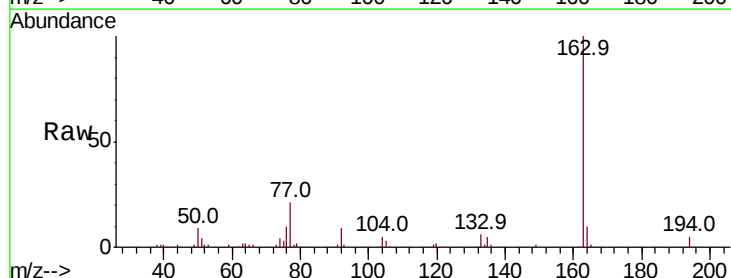
Tgt Ion:163 Resp: 220912

Ion Ratio Lower Upper

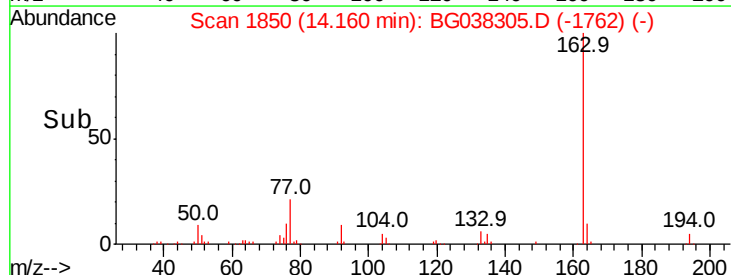
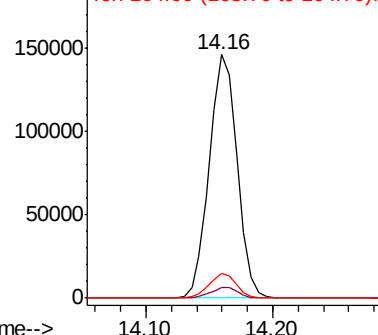
163 100

194 4.5 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

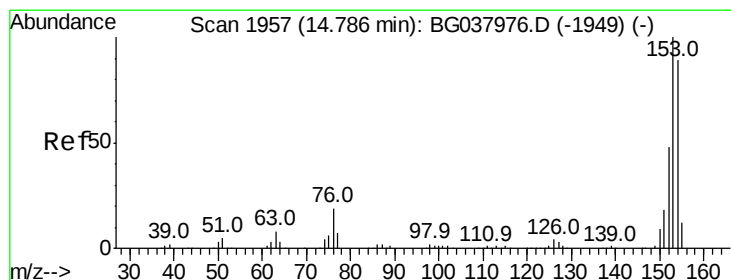
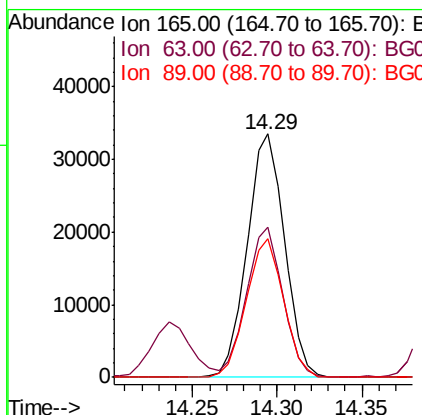
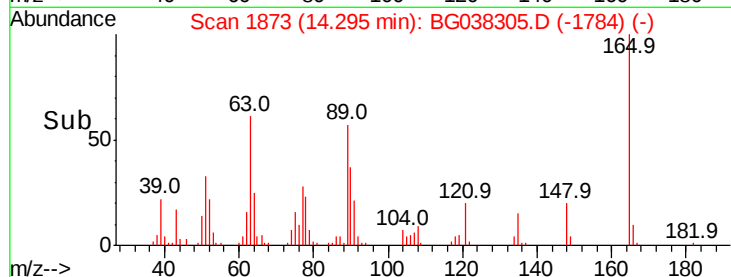
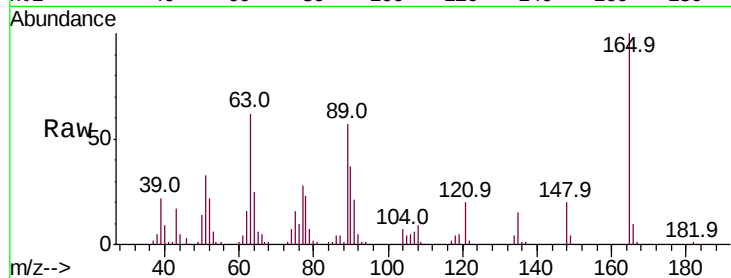




#51
 2,6-Dinitrotoluene
 Concen: 44.080 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

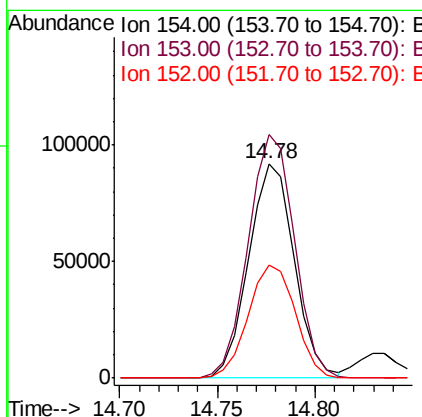
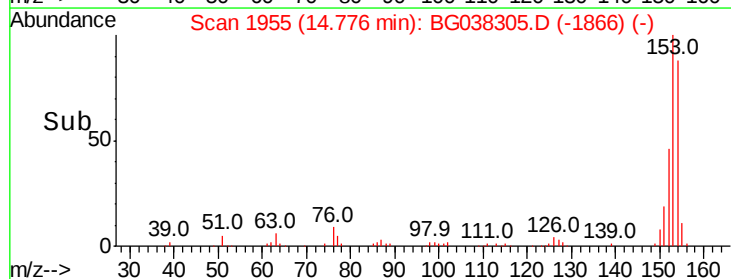
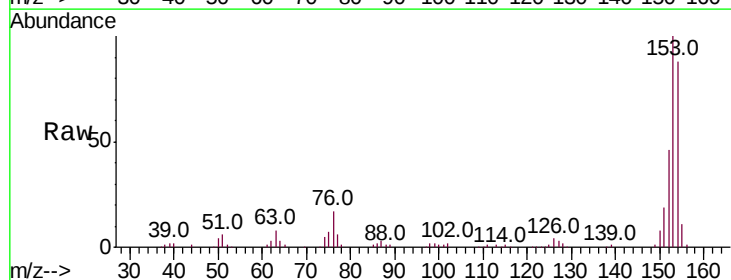
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:165 Resp: 51574
 Ion Ratio Lower Upper
 165 100
 63 61.6 43.4 65.2
 89 57.0 45.8 68.6



#52
 Acenaphthene
 Concen: 39.348 ng
 RT: 14.78 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Tgt Ion:154 Resp: 148913
 Ion Ratio Lower Upper
 154 100
 153 113.6 93.4 140.0
 152 52.5 44.7 67.1

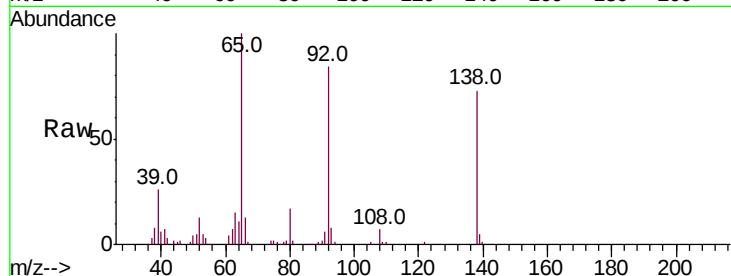




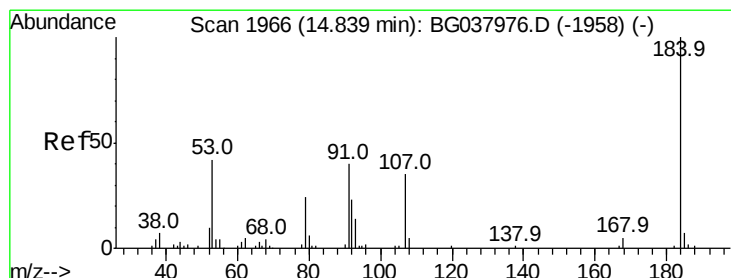
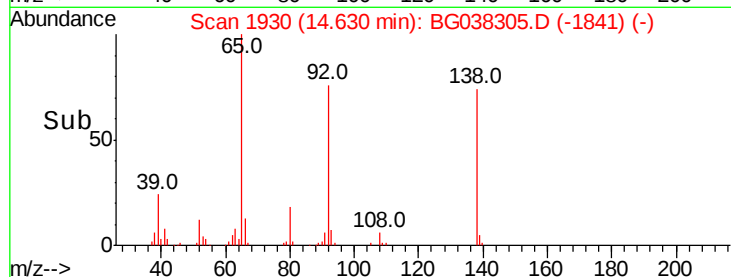
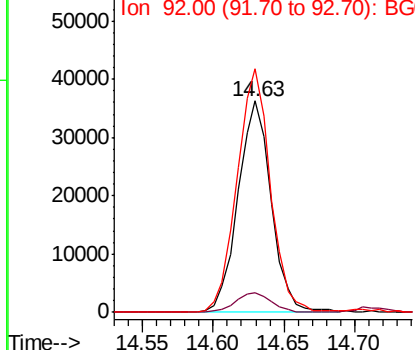
#53
3-Nitroaniline
Concen: 46.180 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 59621
Ion Ratio Lower Upper
138 100
108 9.1 11.0 16.6#
92 115.3 95.2 142.8

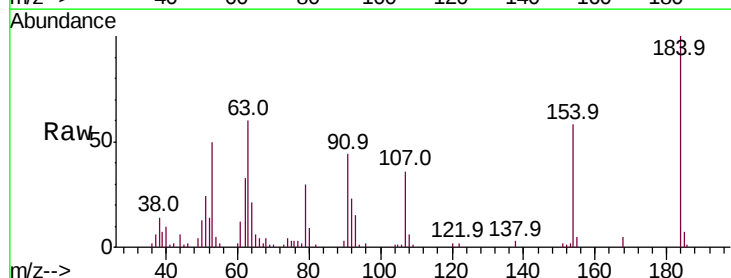


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

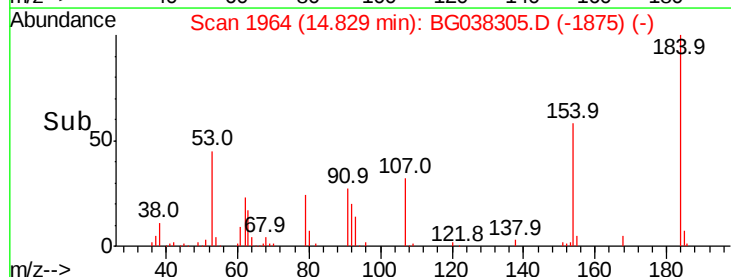
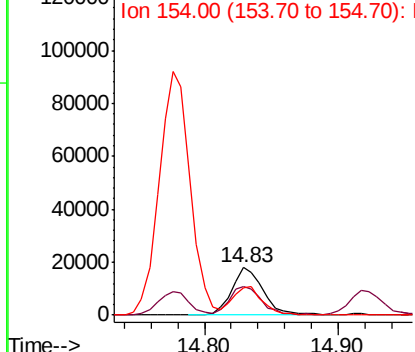


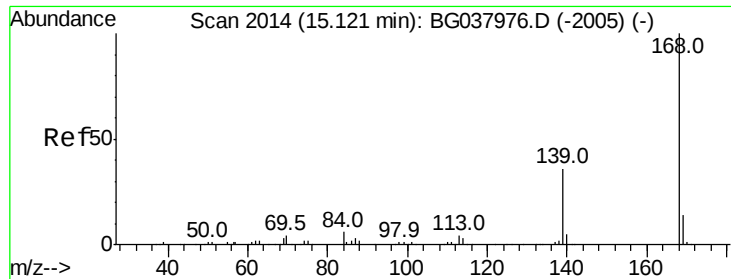
#54
2,4-Dinitrophenol
Concen: 50.961 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion:184 Resp: 29772
Ion Ratio Lower Upper
184 100
63 59.7 42.6 63.8
154 58.3 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

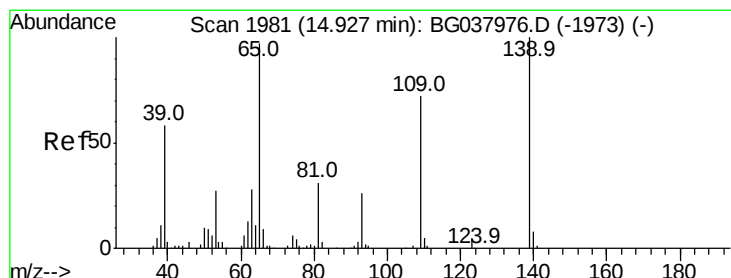
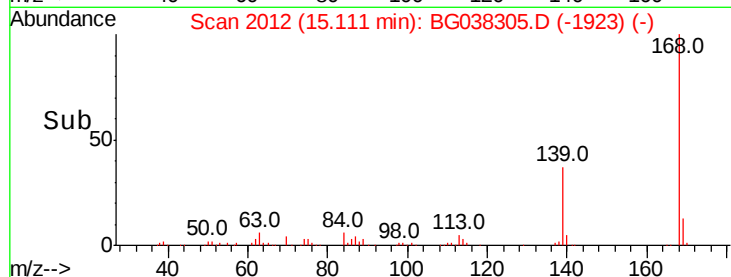
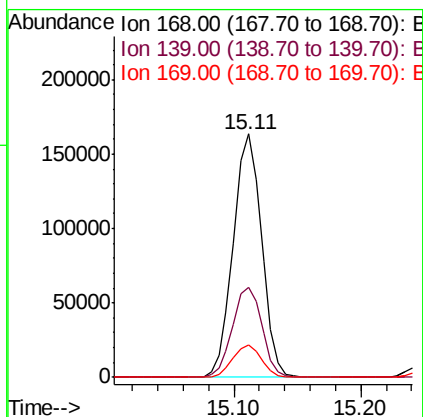
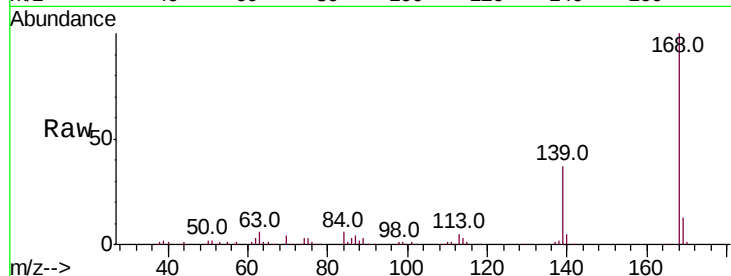




#55
Dibenzofuran
Concen: 40.453 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

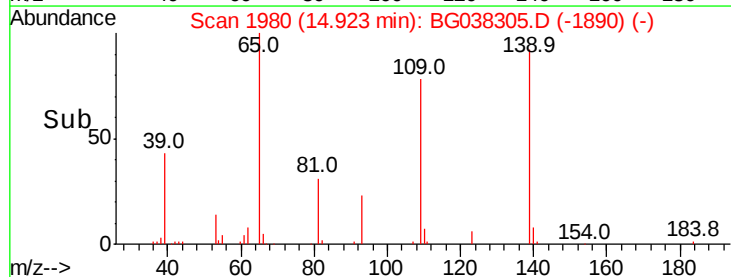
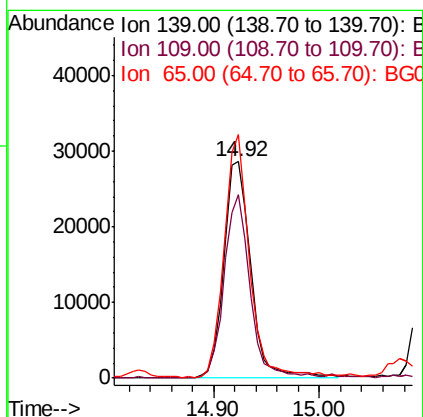
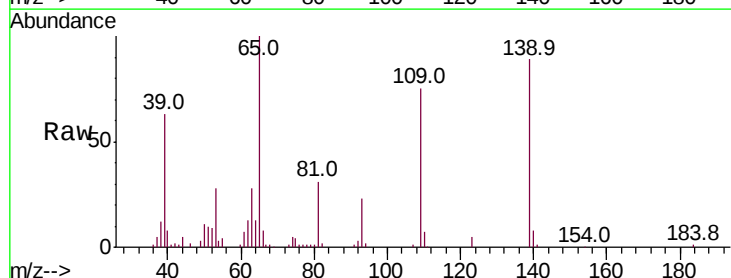
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

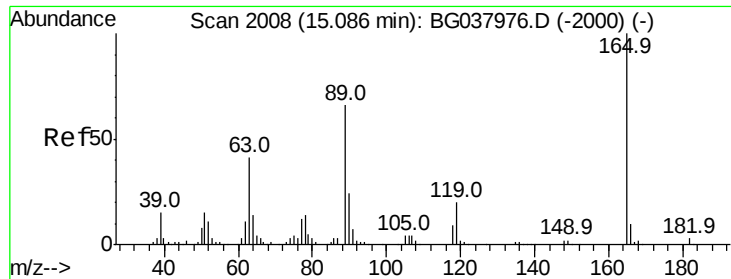
Tot Ion:168 Resp: 253147
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 50.958 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion:139 Resp: 50740
Ion Ratio Lower Upper
139 100
109 84.7 49.5 89.5
65 112.5 76.8 116.8

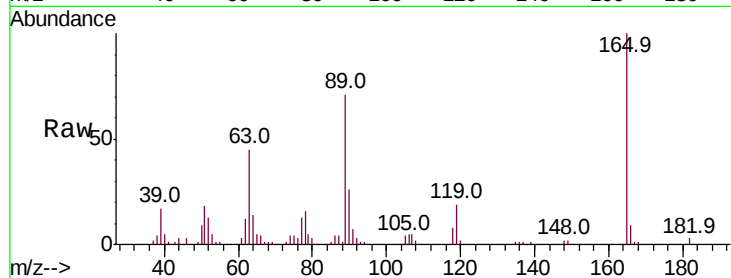




#57
2,4-Dinitrotoluene
Concen: 50.542 ng
RT: 15.08 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	33.4	50.0
89	71.3	57.2	85.8
182	2.7	2.6	4.0



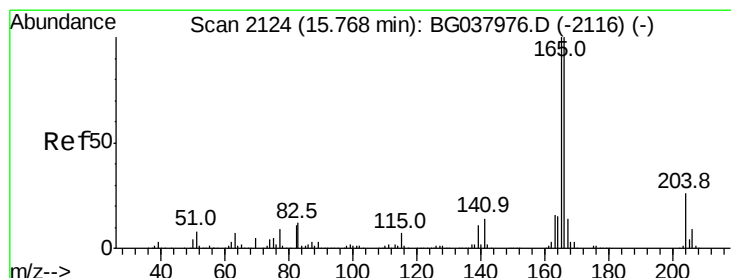
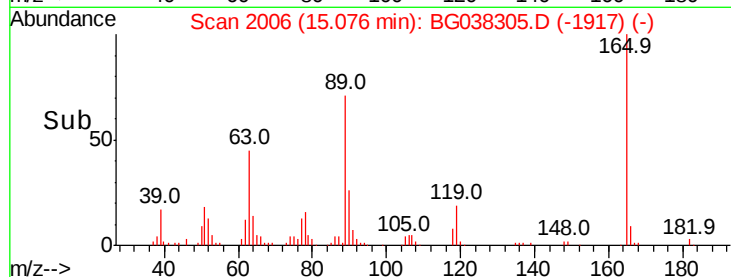
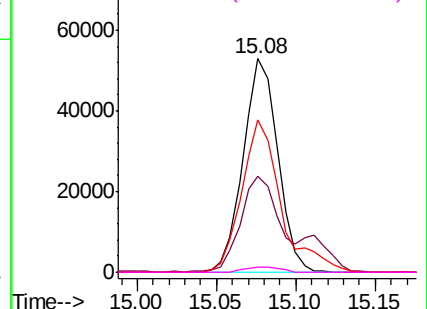
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

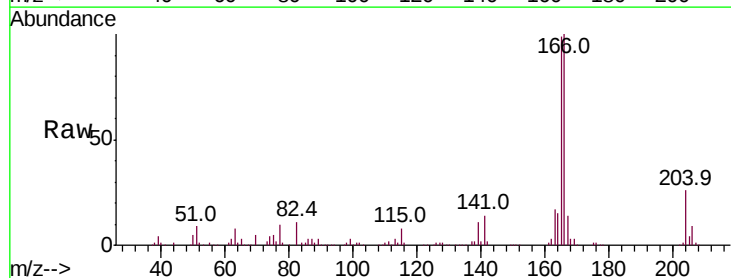
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.080 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.6
167	13.6	11.3	16.9

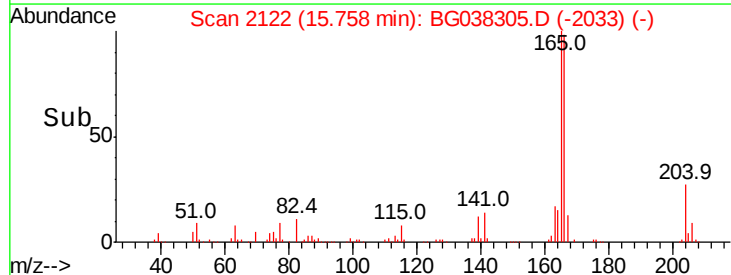
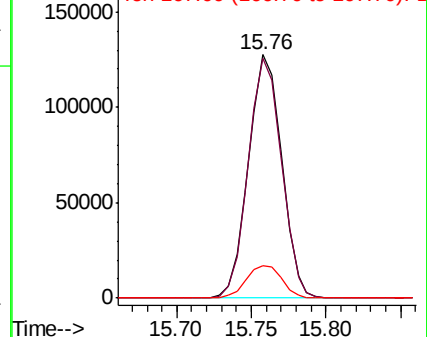


Abundance

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

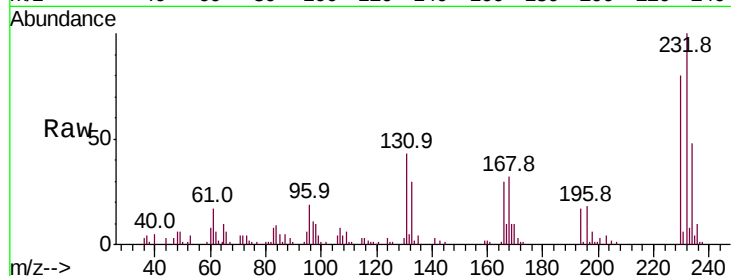




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.582 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	59589
Ion	Ratio	Lower	Upper
232	100		
131	44.3	33.7	50.5
130	2.6	2.1	3.1
166	30.9	24.6	36.8



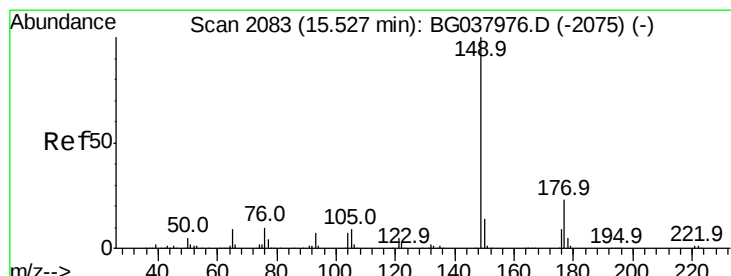
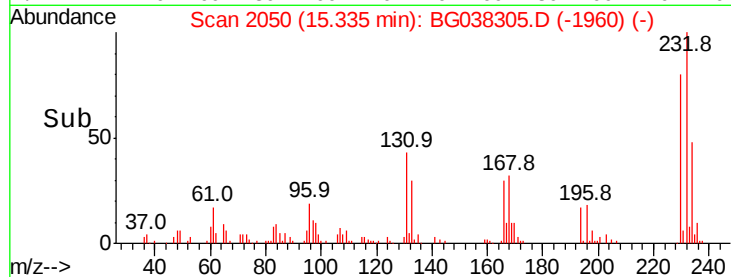
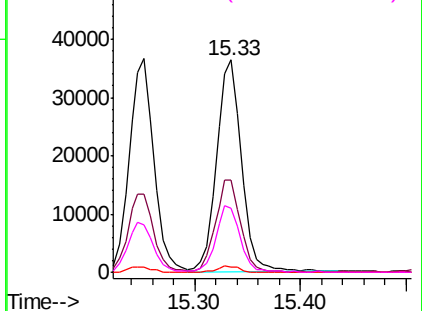
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

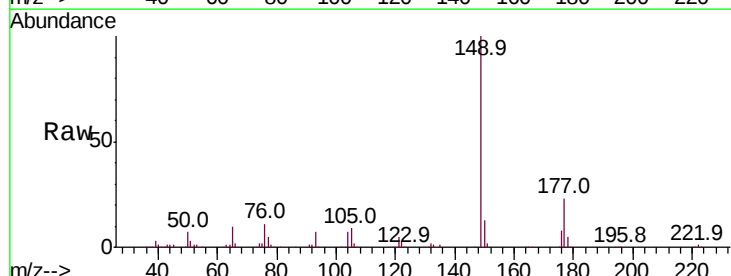
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.752 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Tgt Ion:	149	Resp:	251215
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	13.3	10.0	15.0

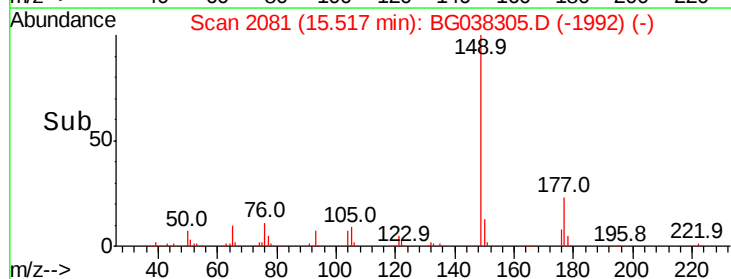
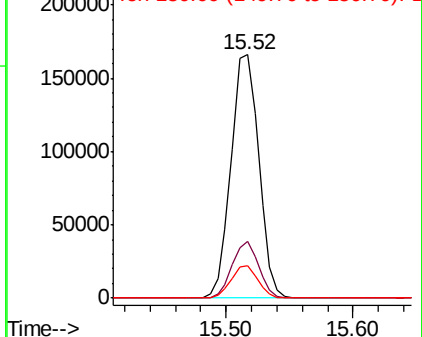


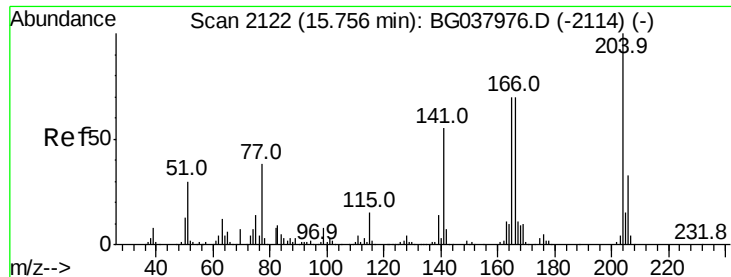
Abundance

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

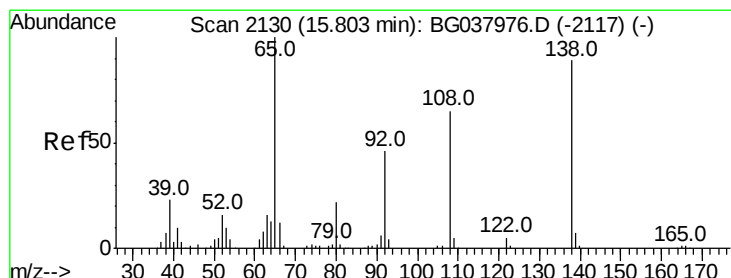
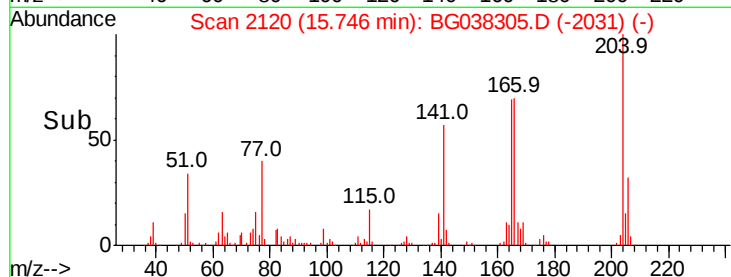
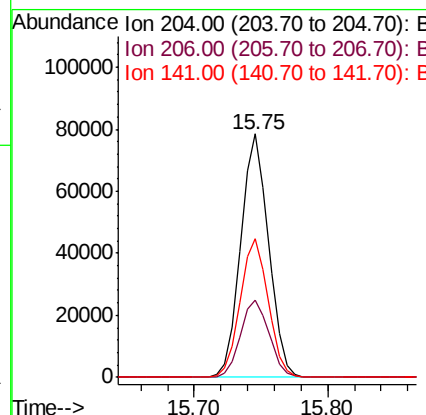
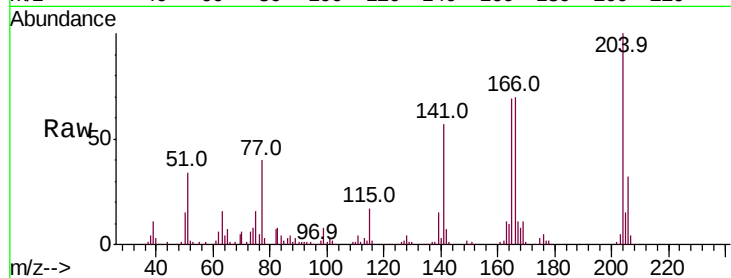




#61
4-Chlorophenyl-phenylether
Concen: 41.500 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

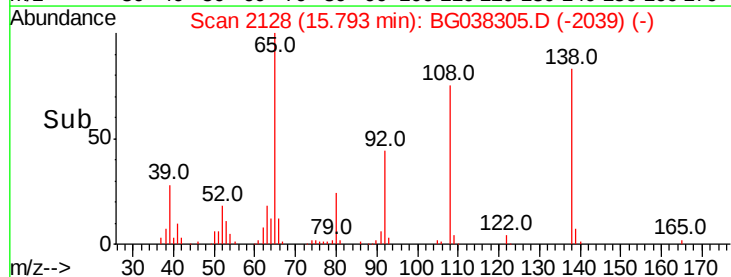
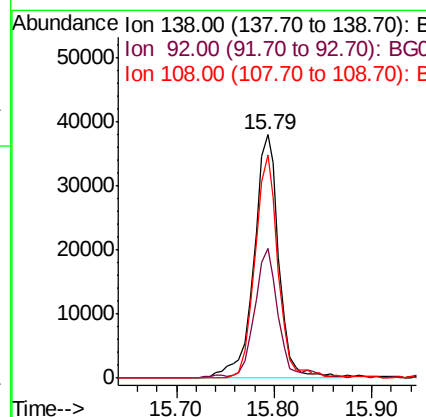
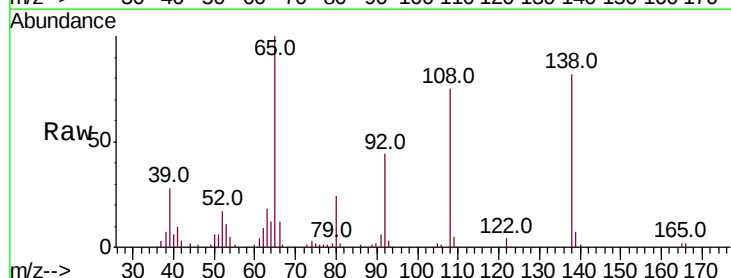
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

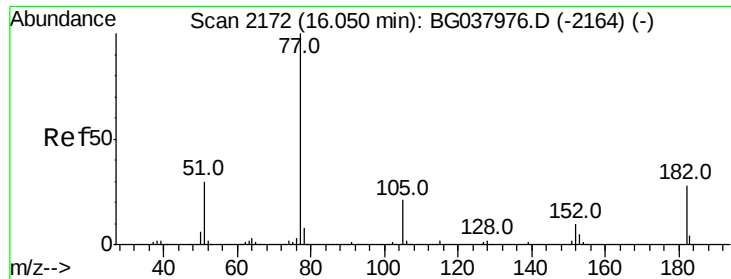
Tot Ion:204 Resp: 113380
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 57.0 45.4 68.2



#62
4-Nitroaniline
Concen: 52.959 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion:138 Resp: 67922
Ion Ratio Lower Upper
138 100
92 53.4 36.4 76.4
108 91.4 60.1 100.1





#63

Azobenzene

Concen: 44.691 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 219405

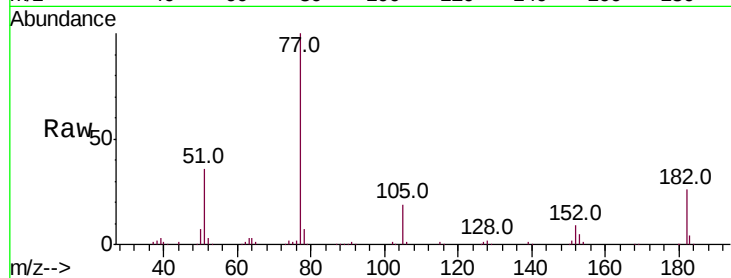
Ion Ratio Lower Upper

77 100

182 25.8 8.0 48.0

105 19.3 1.3 41.3

51 35.6 10.7 50.7

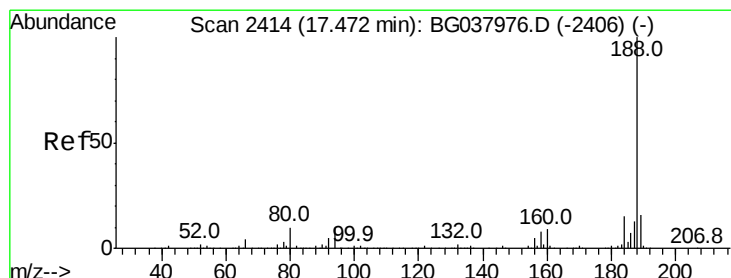
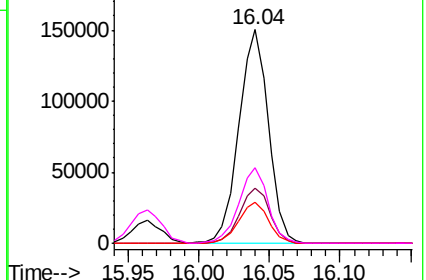
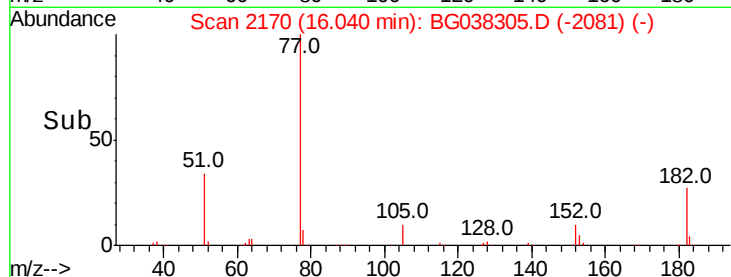


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

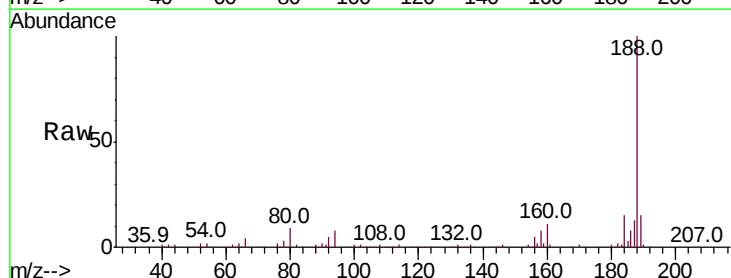
Tgt Ion: 188 Resp: 192523

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

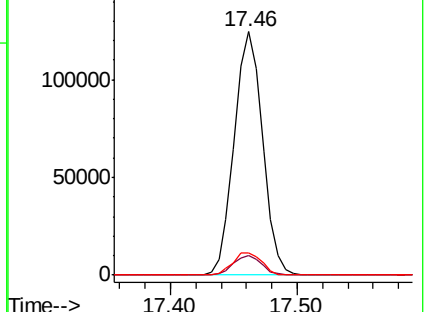
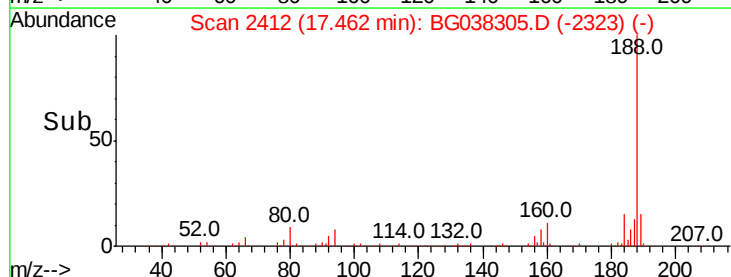
80 9.1 7.7 11.5

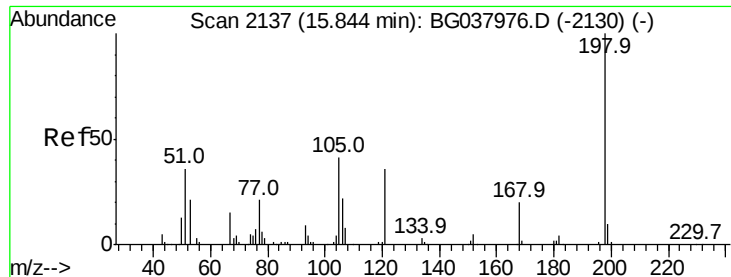


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.673 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

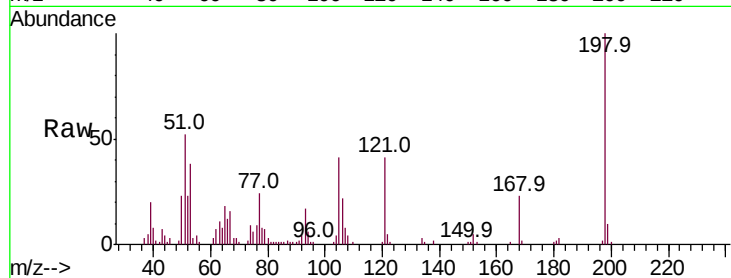
Tot Ion:198 Resp: 53181

Ion Ratio Lower Upper

198 100

51 51.6 22.7 62.7

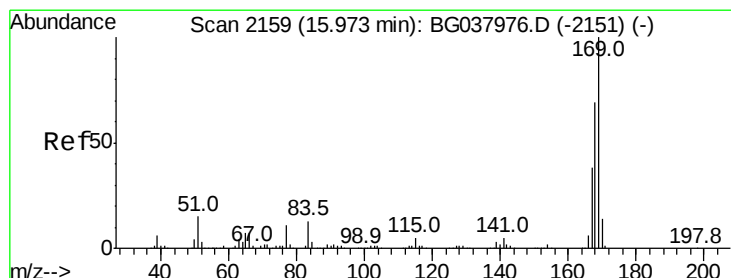
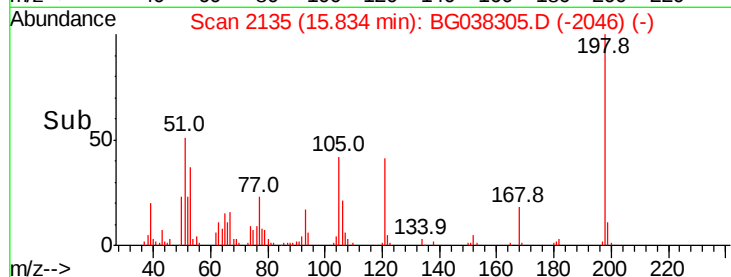
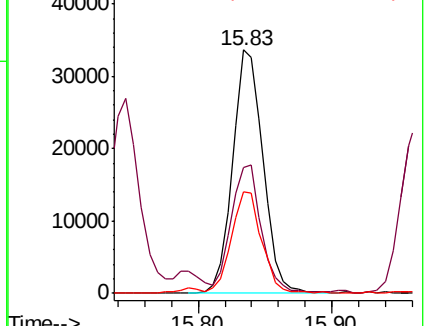
105 41.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037976.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.810 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

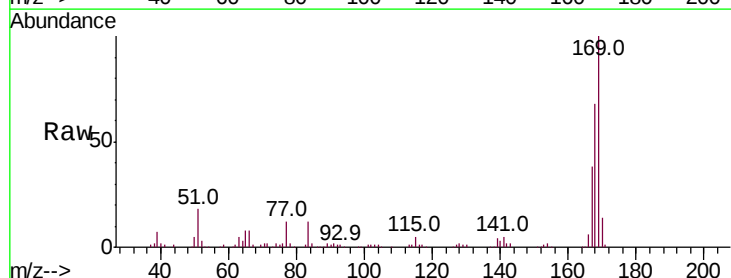
Tgt Ion:169 Resp: 202746

Ion Ratio Lower Upper

169 100

168 68.4 55.7 83.5

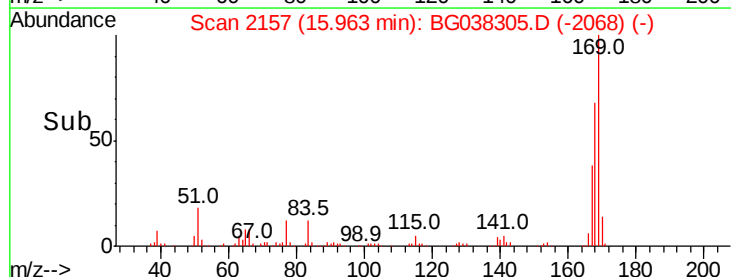
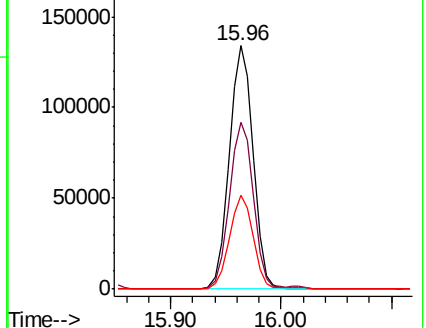
167 38.5 31.3 46.9

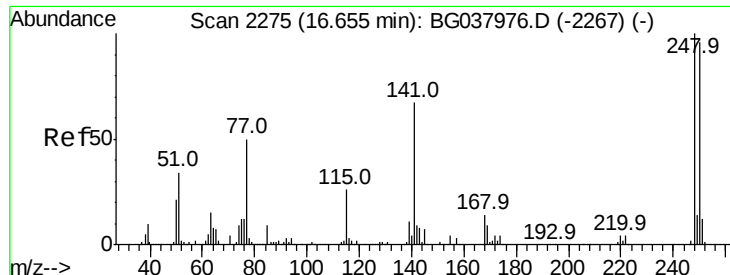


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 36.690 ng

RT: 16.64 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

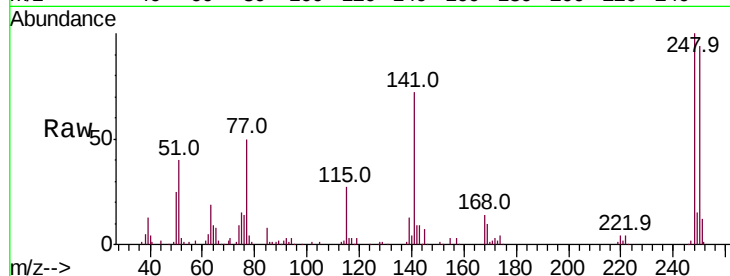
Tot Ion:248 Resp: 77530

Ion Ratio Lower Upper

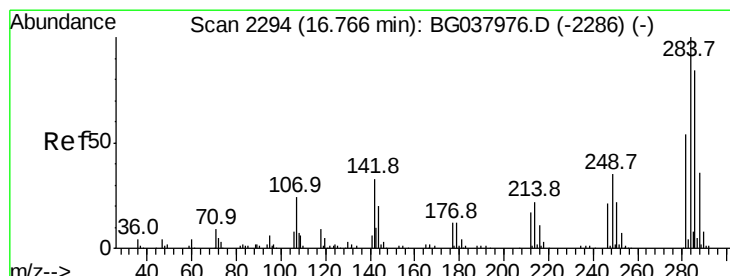
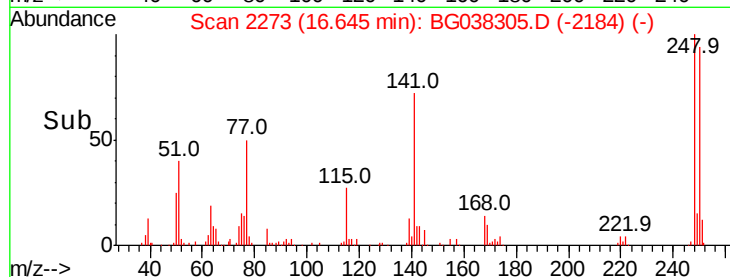
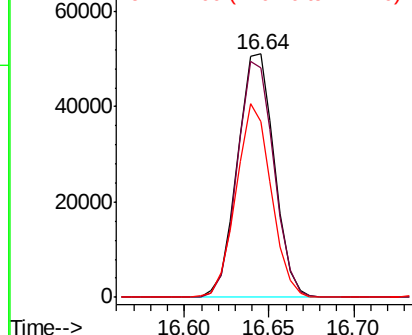
248 100

250 94.3 77.0 115.6

141 72.4 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: 38.998 ng

RT: 16.76 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

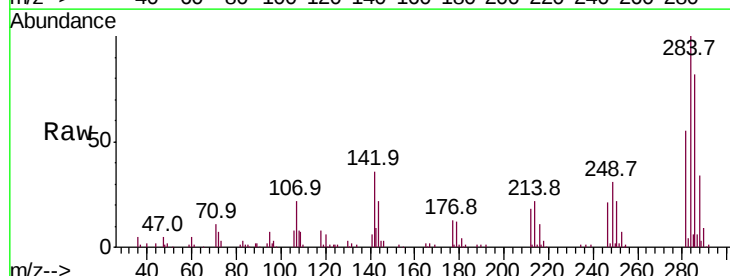
Tgt Ion:284 Resp: 85060

Ion Ratio Lower Upper

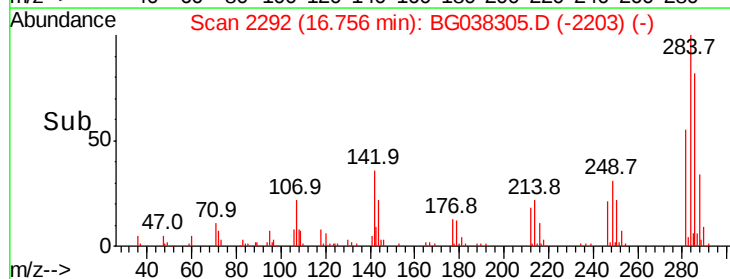
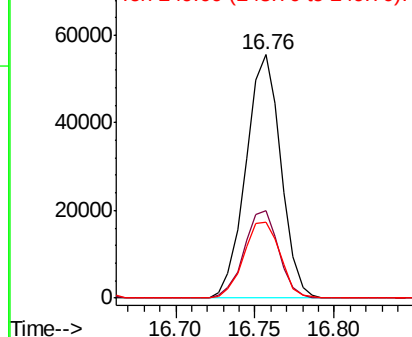
284 100

142 35.7 28.1 42.1

249 33.6 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

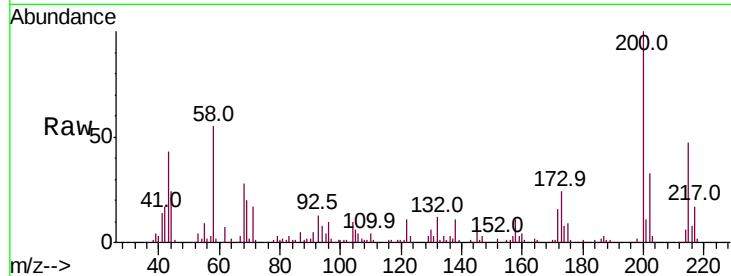




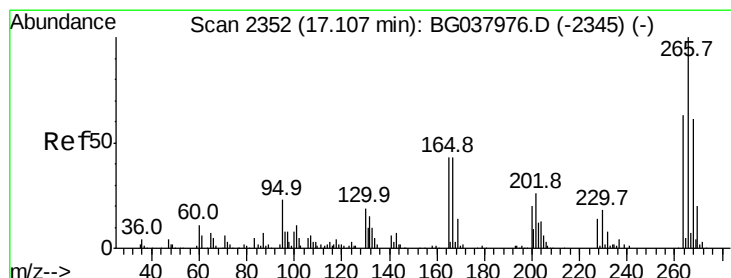
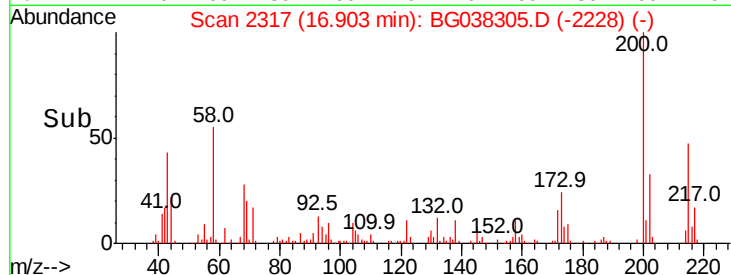
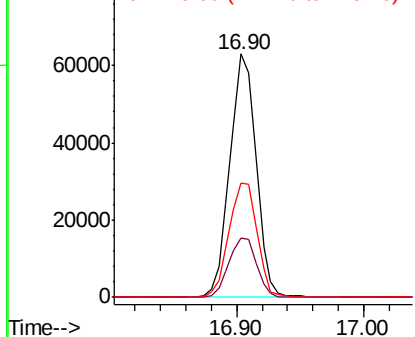
#69
Atrazine
Concen: 42.028 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 90237
Ion Ratio Lower Upper
200 100
173 24.1 6.1 46.1
215 47.2 30.8 70.8

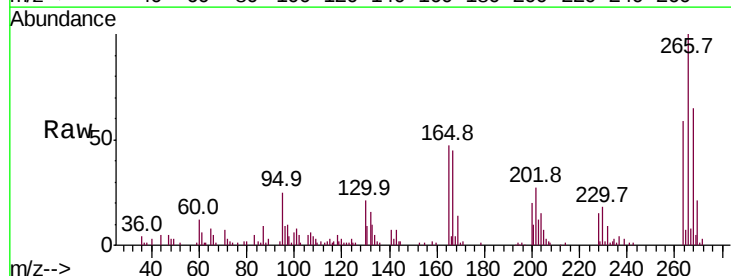


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

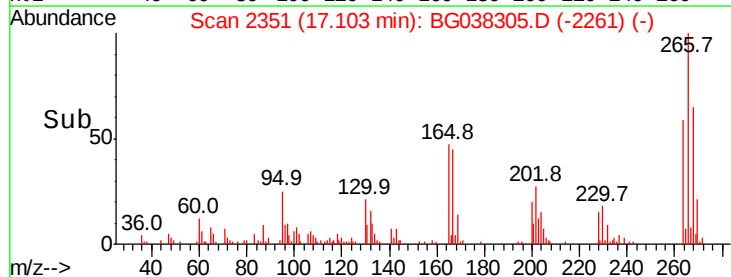
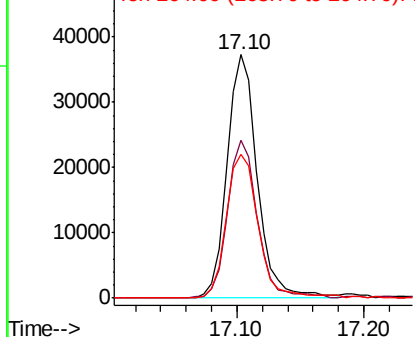


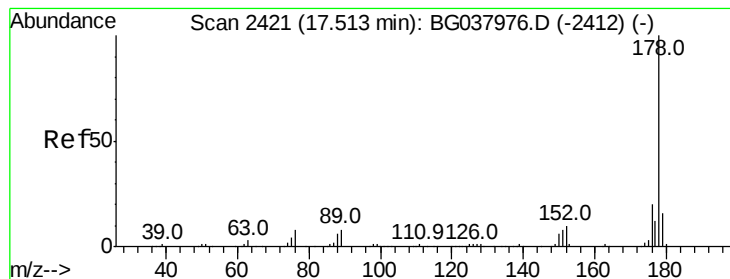
#70
Pentachlorophenol
Concen: 41.446 ng
RT: 17.10 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion:266 Resp: 61397
Ion Ratio Lower Upper
266 100
268 69.6 55.0 82.6
264 65.8 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.708 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

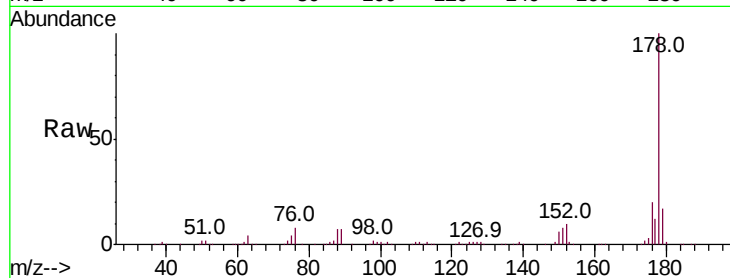
Tot Ion:178 Resp: 391400

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

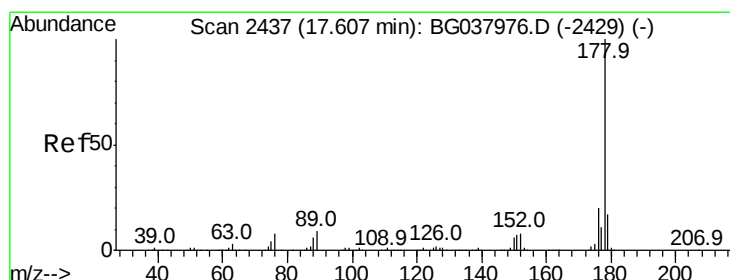
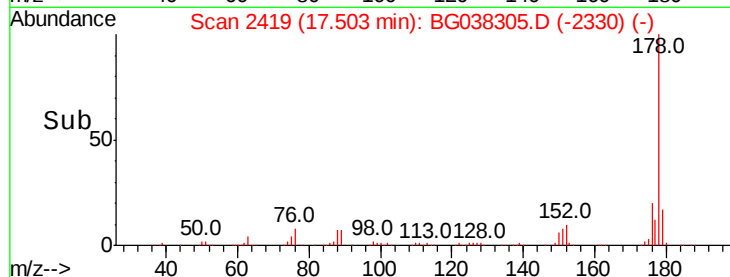
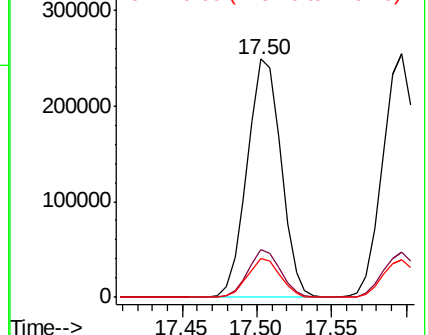
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.564 ng

RT: 17.60 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

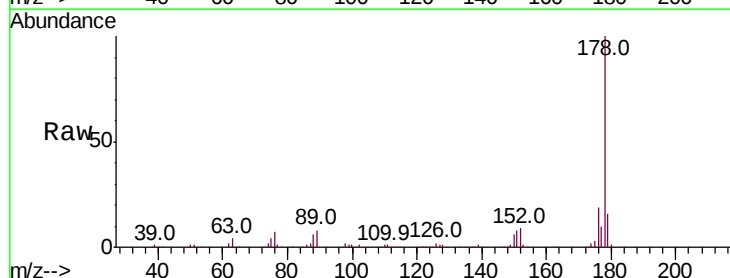
Tgt Ion:178 Resp: 394131

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

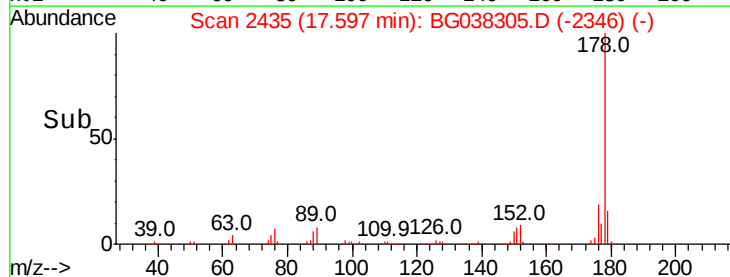
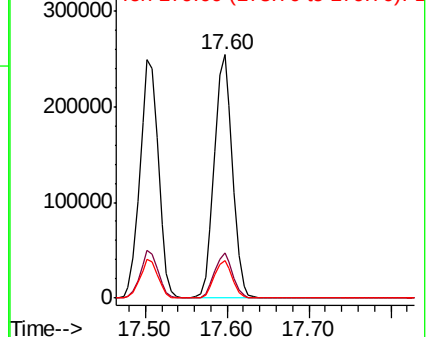
179 15.7 12.8 19.2

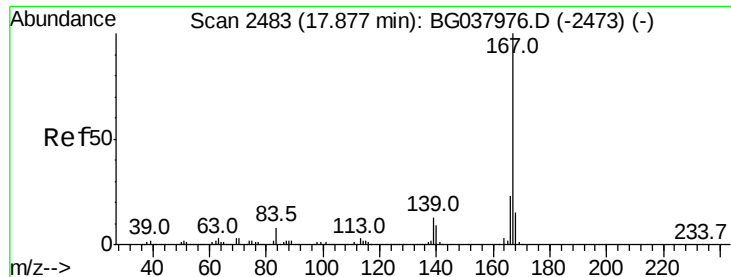


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

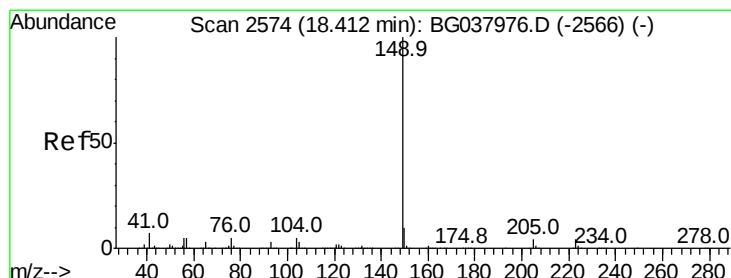
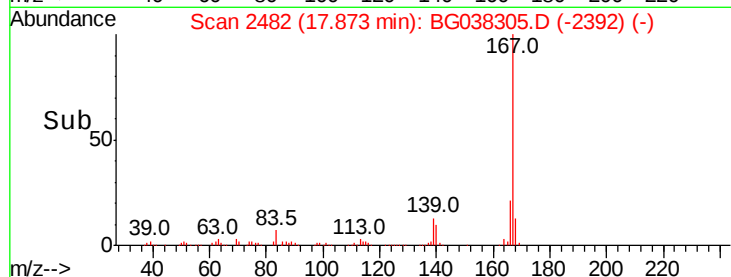
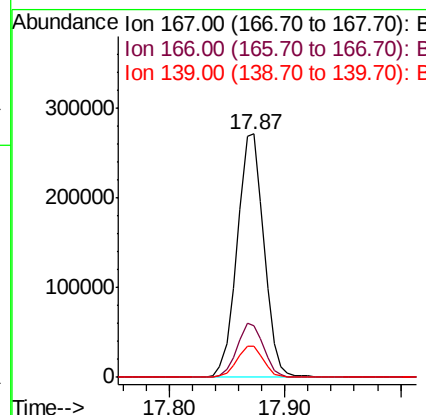
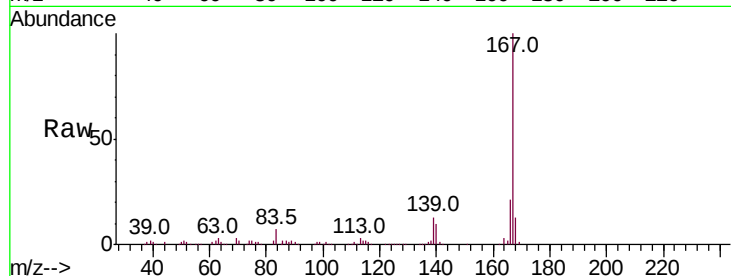




#73
 Carbazole
 Concen: 44.611 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

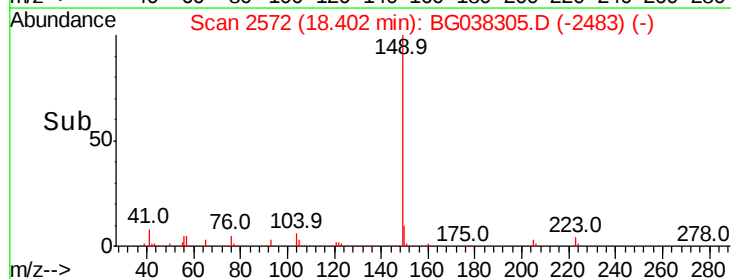
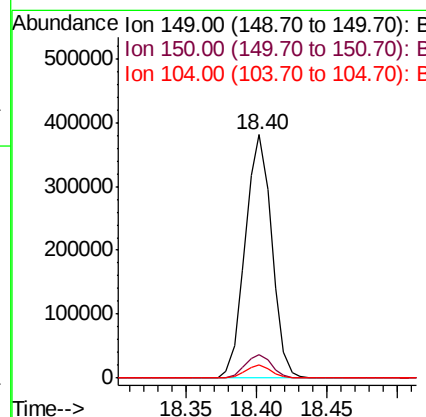
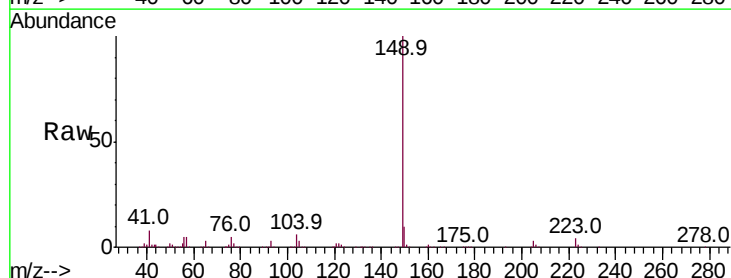
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

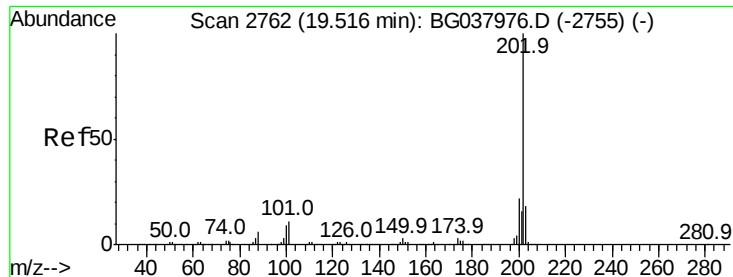
Tot Ion:167 Resp: 434883
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.3 27.5
 139 12.7 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 45.779 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG038305.D
 Acq: 3 Dec 2018 18:22

Tgt Ion:149 Resp: 500956
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.2 12.2
 104 5.5 4.0 6.0





#75

Fluoranthene

Concen: 47.377 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

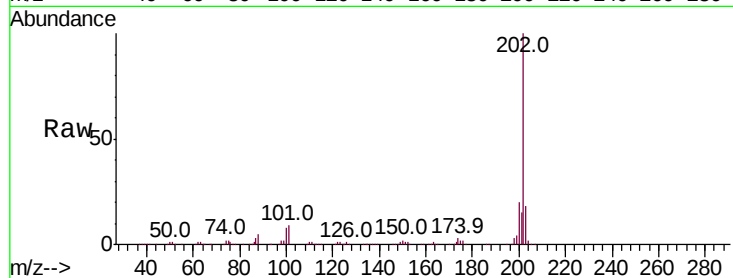
Tot Ion:202 Resp: 532804

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.7

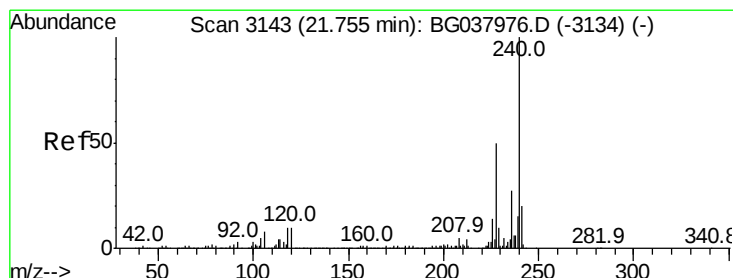
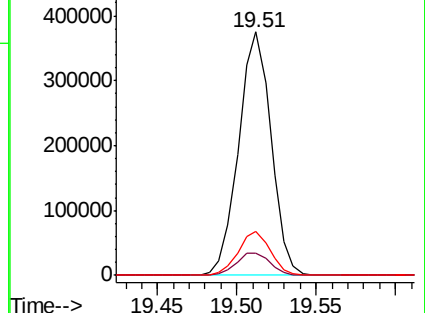
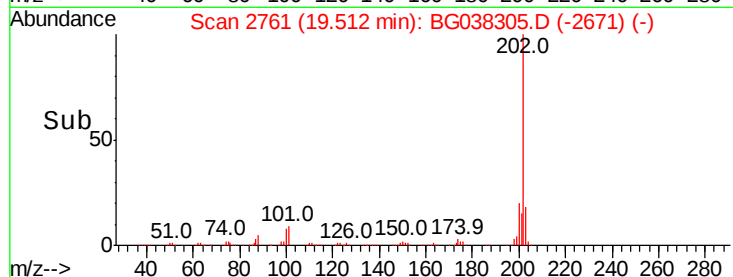
203 17.9 0.0 38.5



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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

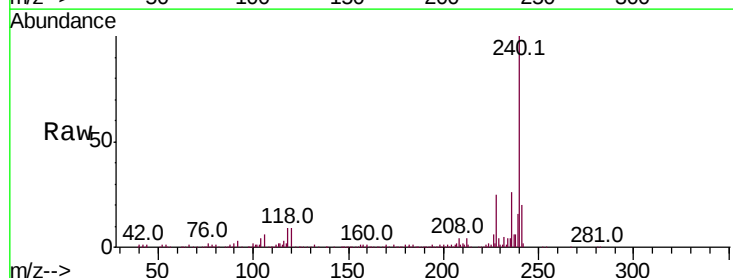
Tgt Ion:240 Resp: 216694

Ion Ratio Lower Upper

240 100

120 8.8 8.1 12.1

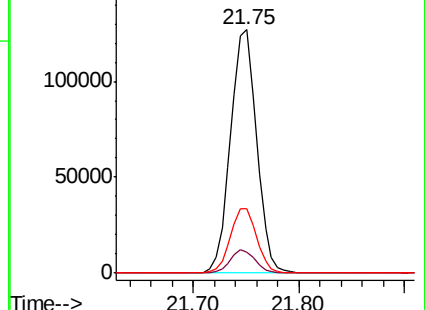
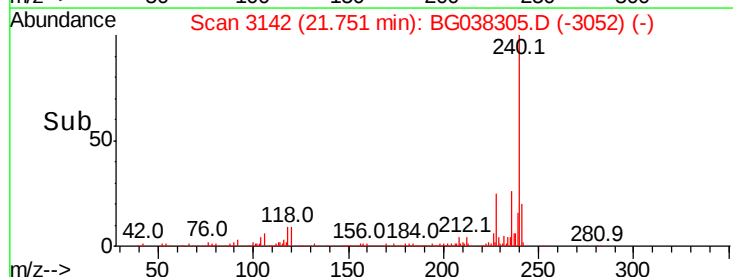
236 26.4 21.4 32.0



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: 35.726 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

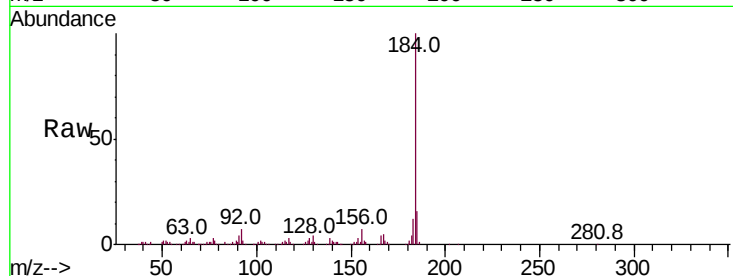
Tot Ion:184 Resp: 271646

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

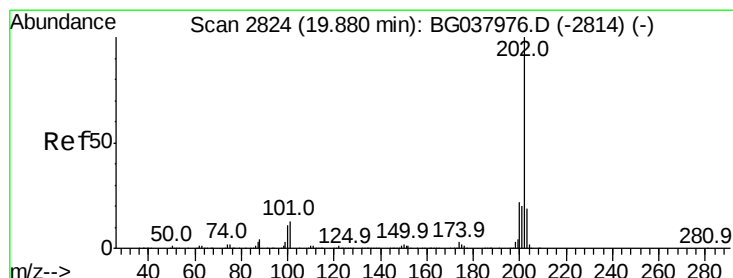
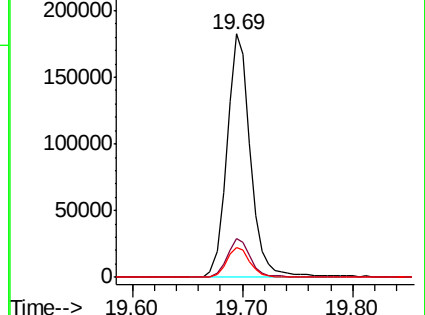
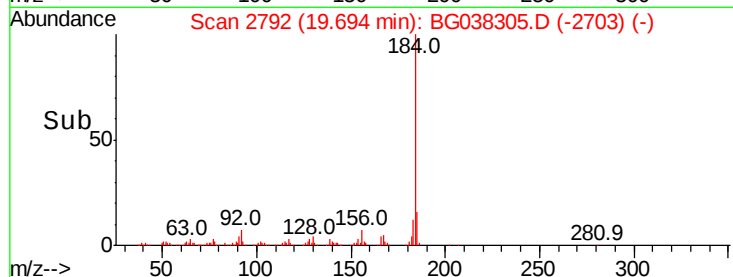
183 12.4 10.2 15.2



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: 38.386 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

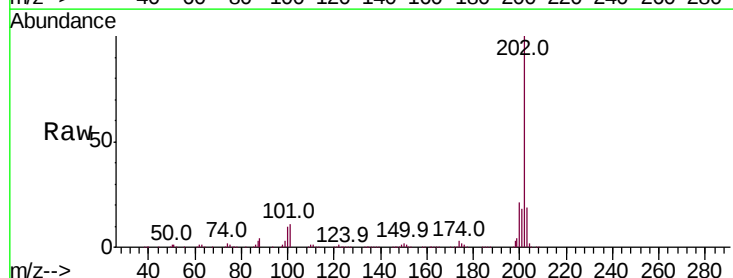
Tgt Ion:202 Resp: 543838

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

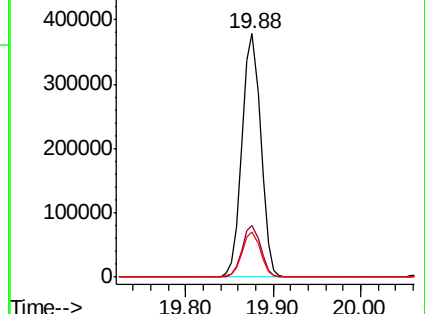
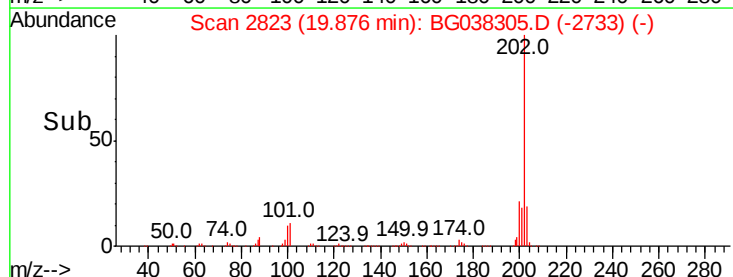
203 18.7 15.2 22.8



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: 81.044 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

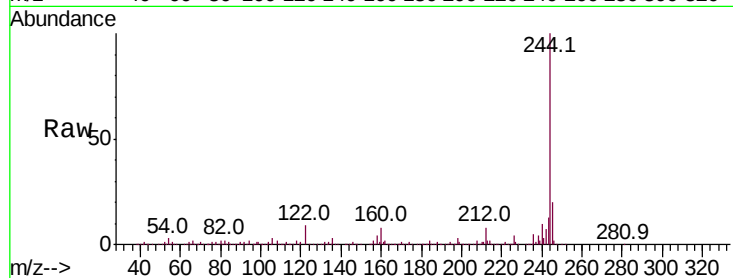
Tot Ion:244 Resp: 746355

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

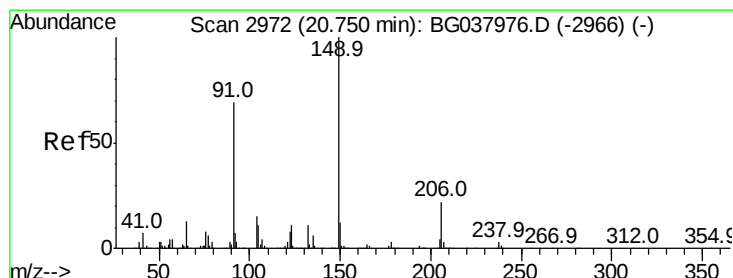
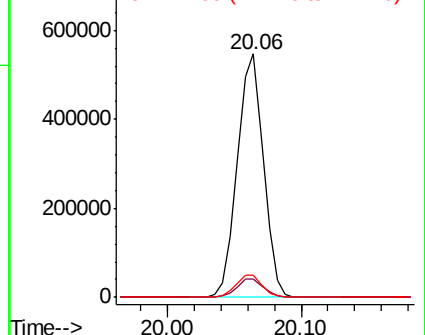
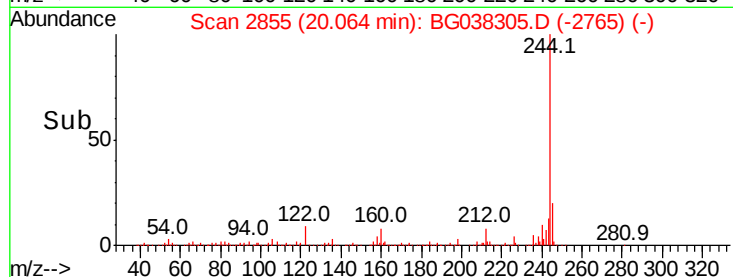
122 9.1 9.0 13.4



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: 39.756 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

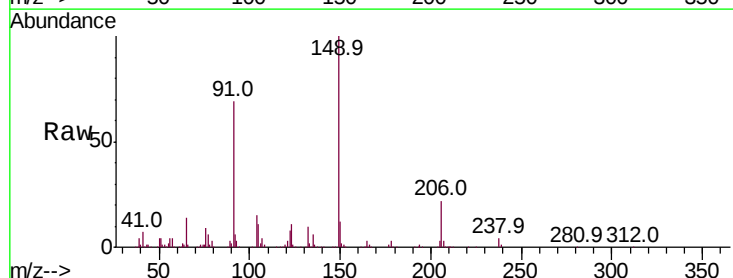
Tgt Ion:149 Resp: 246316

Ion Ratio Lower Upper

149 100

91 69.4 57.0 85.4

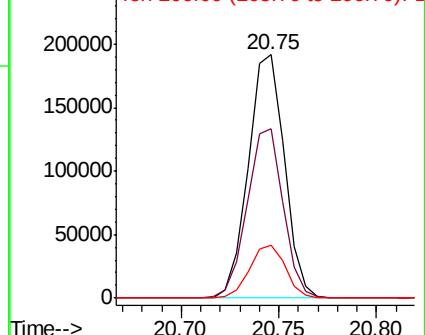
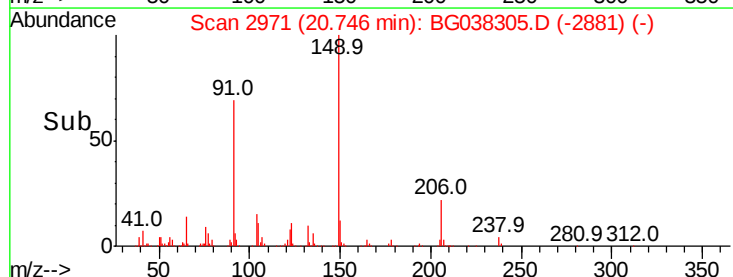
206 21.5 17.8 26.6

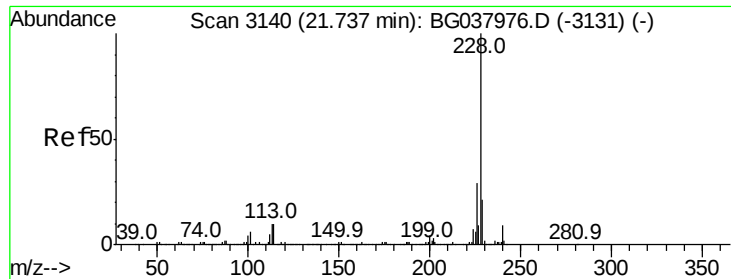


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.088 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

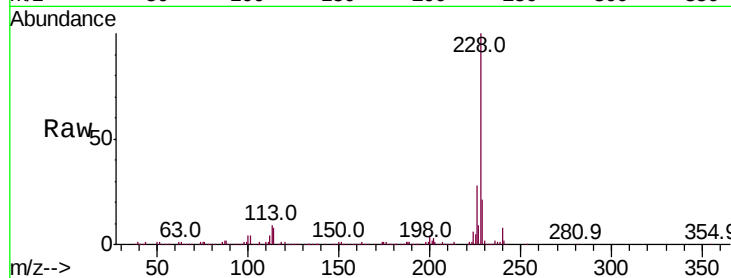
Tot Ion:228 Resp: 524952

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

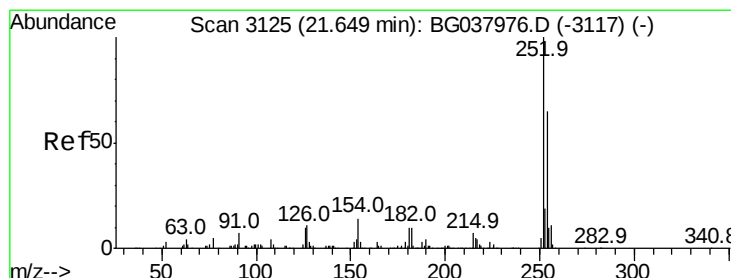
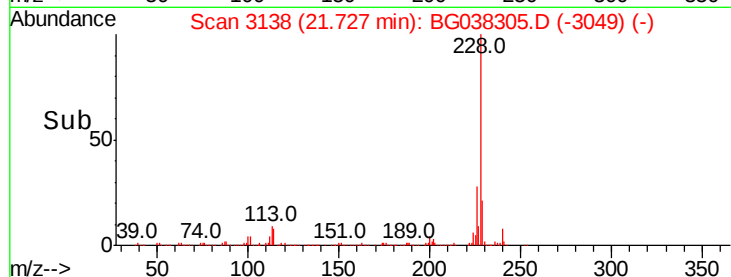
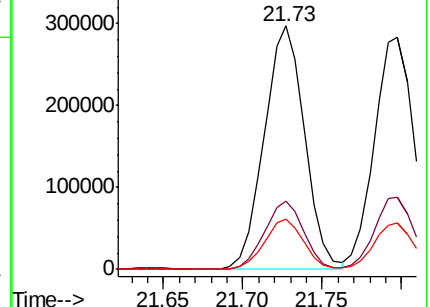
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.226 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

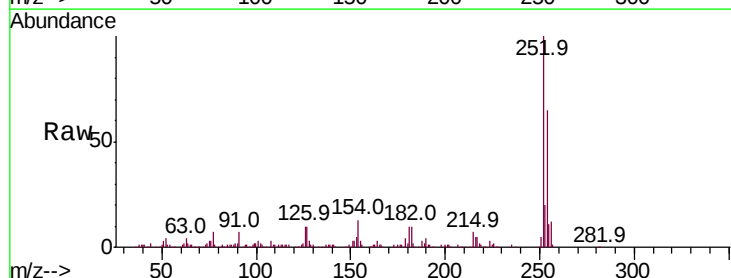
Tgt Ion:252 Resp: 200091

Ion Ratio Lower Upper

252 100

254 64.9 52.0 78.0

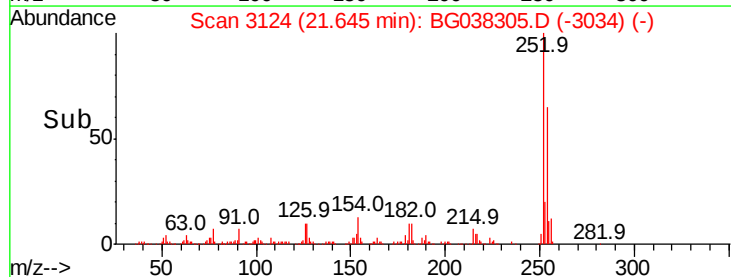
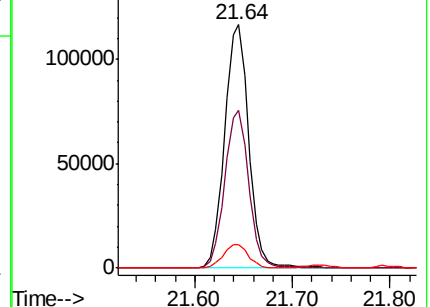
126 9.9 8.2 12.4

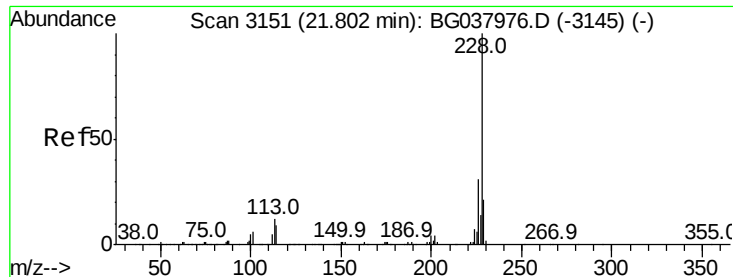


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.284 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

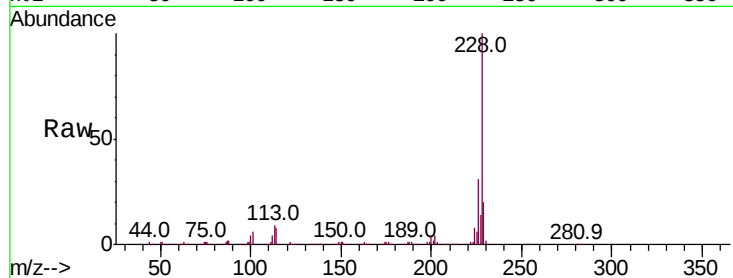
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 492199

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	19.9	16.5	24.7

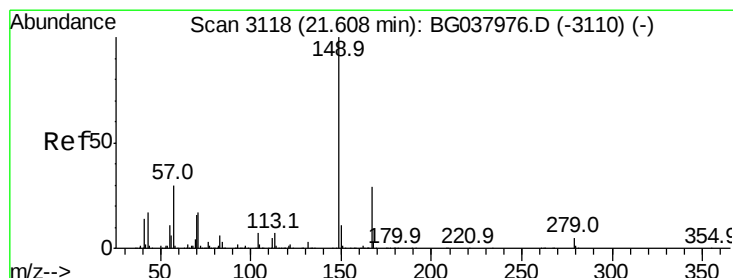
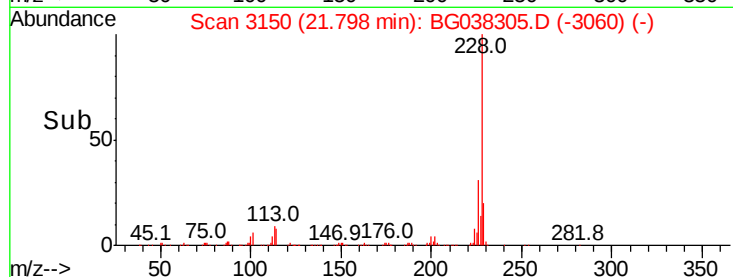
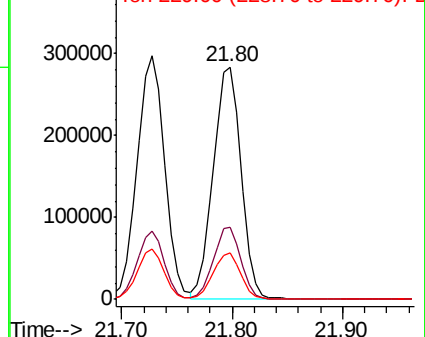


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.818 ng

RT: 21.59 min Scan# 3115

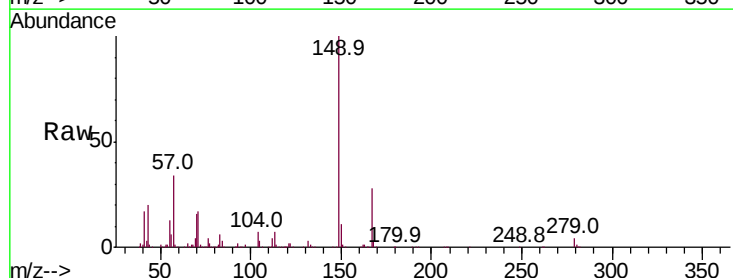
Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Tgt Ion:149 Resp: 342985

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.4
279	4.2	3.6	5.4

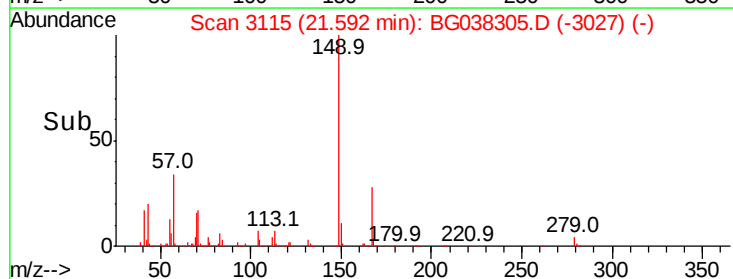
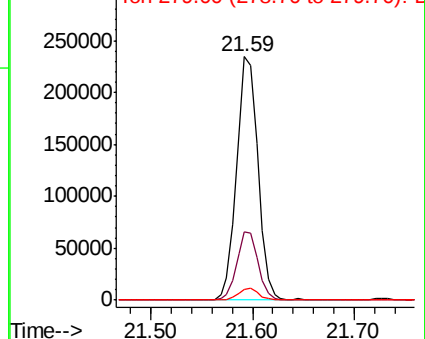


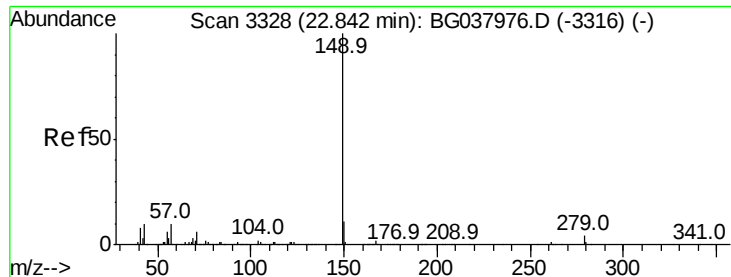
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

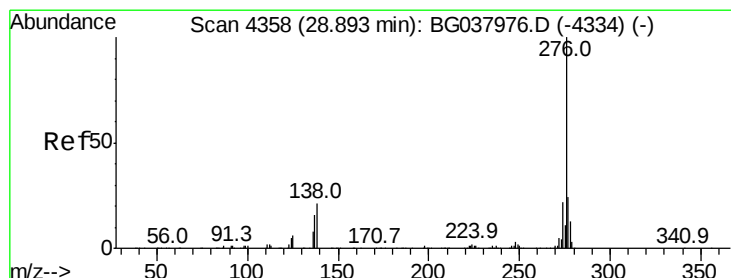
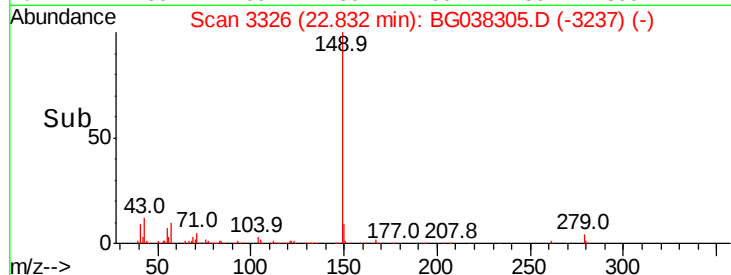
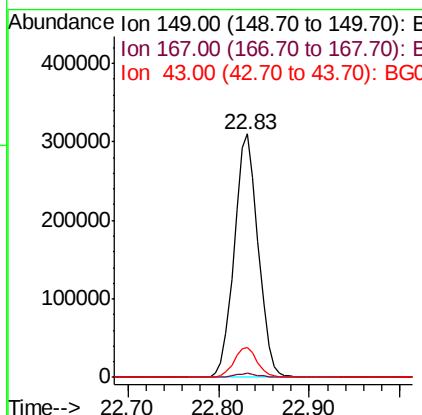
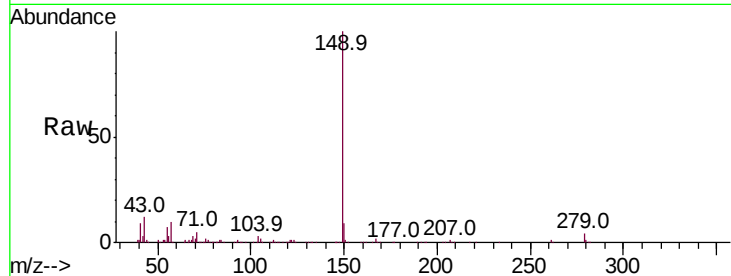




#85
Di-n-octyl phthalate
Concen: 39.864 ng
RT: 22.83 min Scan# 3326
Delta R.T. -0.01 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

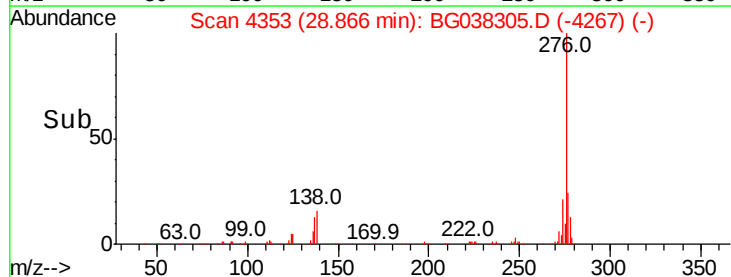
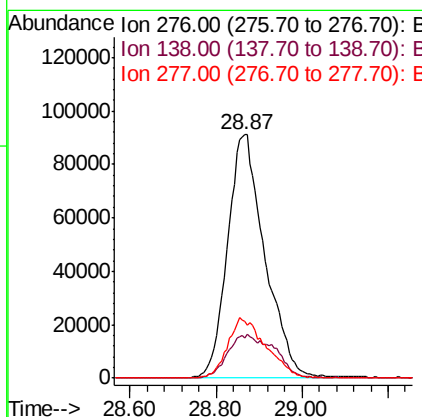
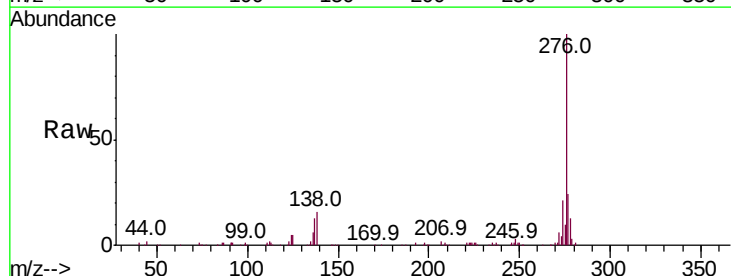
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.1	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.548 ng
RT: 28.87 min Scan# 4353
Delta R.T. -0.03 min
Lab File: BG038305.D
Acq: 3 Dec 2018 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.6	12.0	18.0#
277	25.4	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

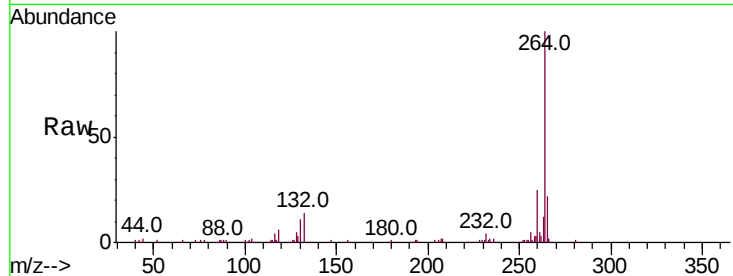
Tot Ion:264 Resp: 228088

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

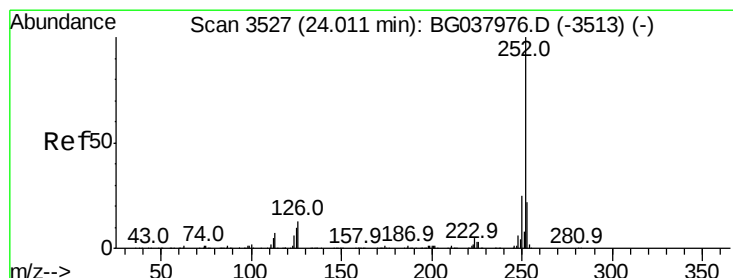
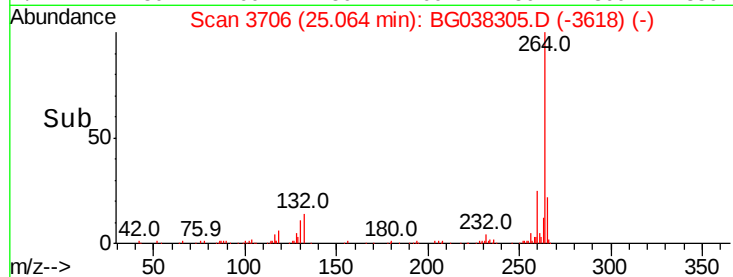
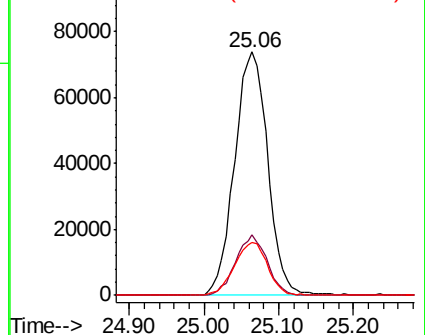
265 22.0 17.9 26.9



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: 40.120 ng

RT: 24.00 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

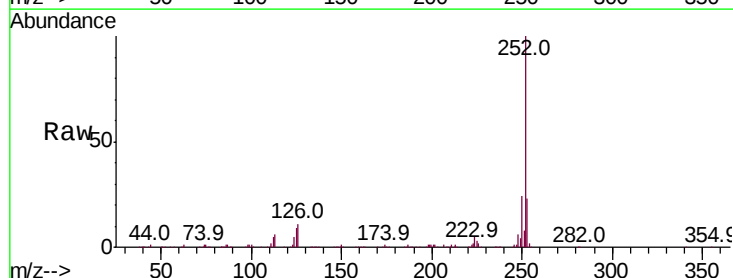
Tgt Ion:252 Resp: 503581

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

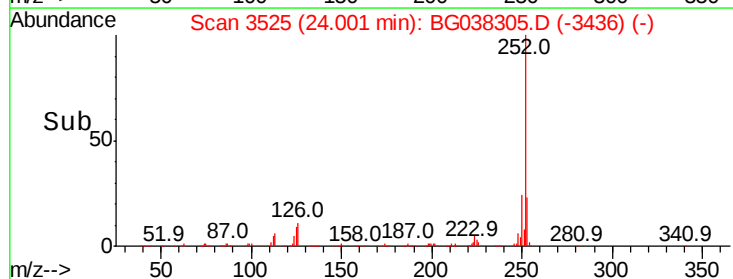
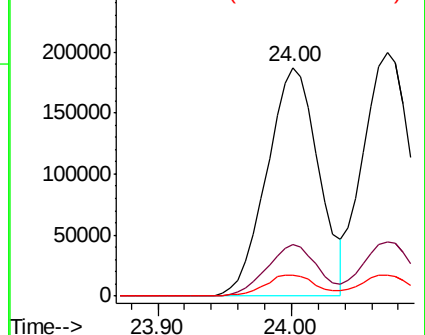
125 9.2 7.8 11.6

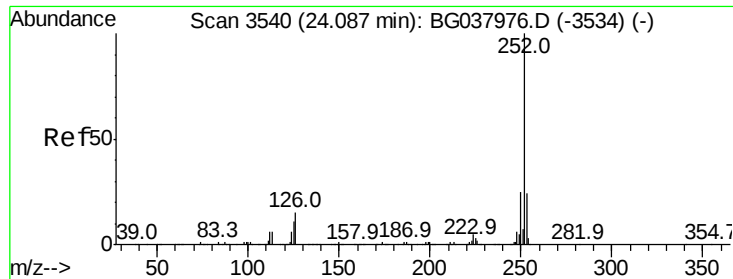


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.957 ng

RT: 24.07 min Scan# 3537

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

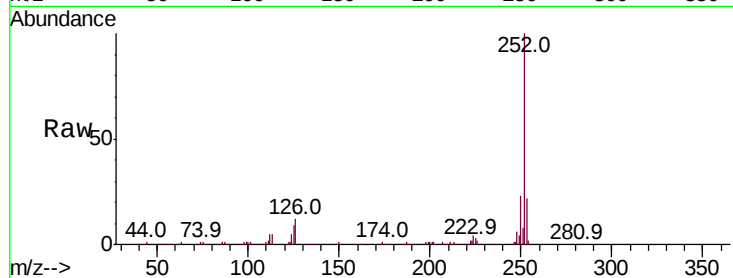
Tot Ion:252 Resp: 494884

Ion Ratio Lower Upper

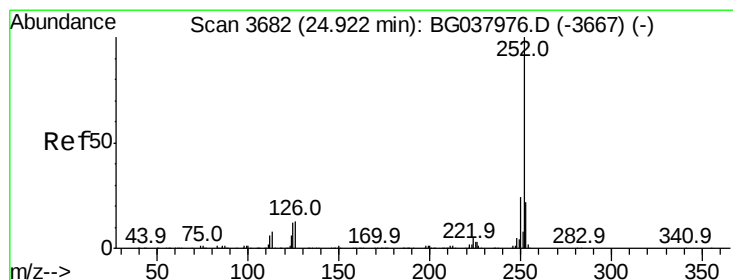
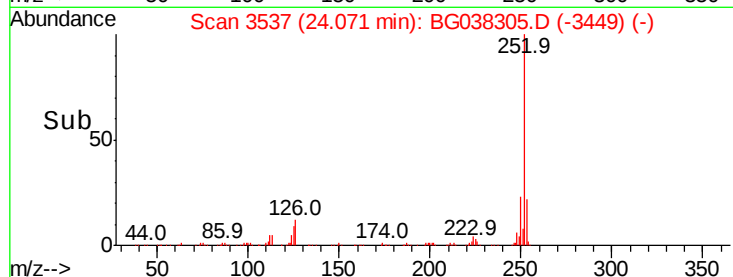
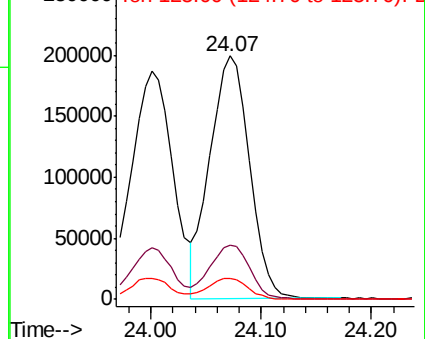
252 100

253 22.3 17.4 26.2

125 8.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.167 ng

RT: 24.91 min Scan# 3679

Delta R.T. -0.02 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

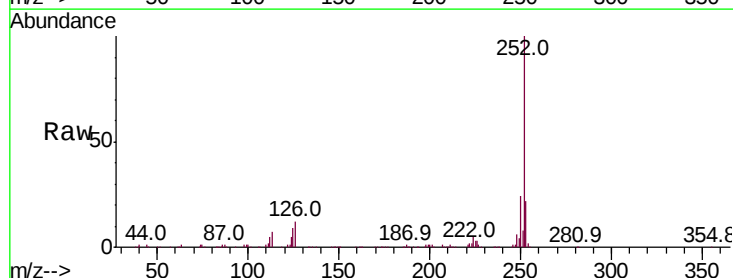
Tgt Ion:252 Resp: 481817

Ion Ratio Lower Upper

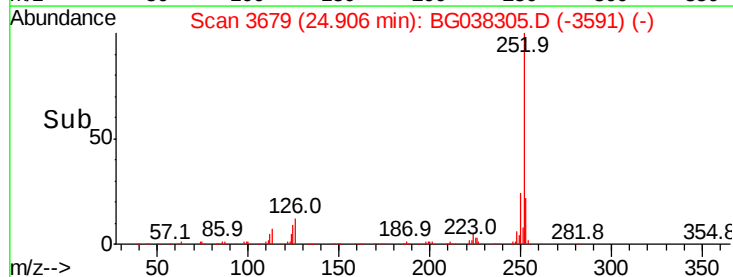
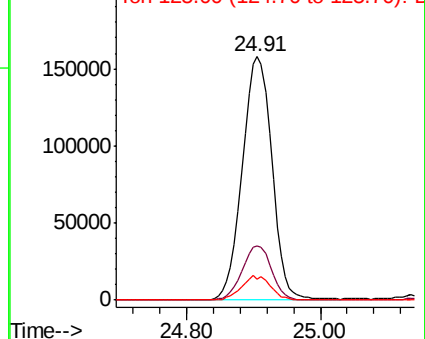
252 100

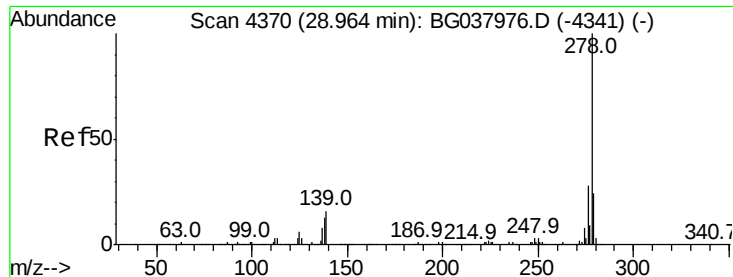
253 22.3 17.4 26.2

125 8.6 9.0 13.6#



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





#91

Dibenzo(a,h)anthracene

Concen: 38.873 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.04 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

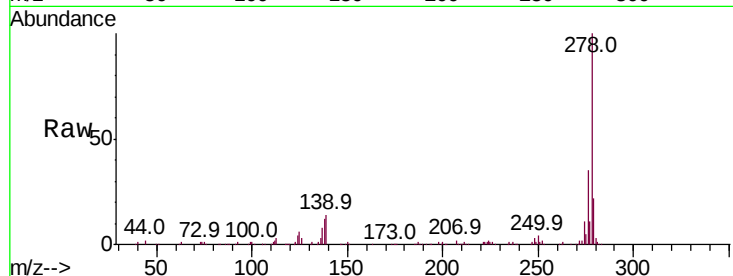
Tot Ion:278 Resp: 448665

Ion Ratio Lower Upper

278 100

139 13.7 11.5 17.3

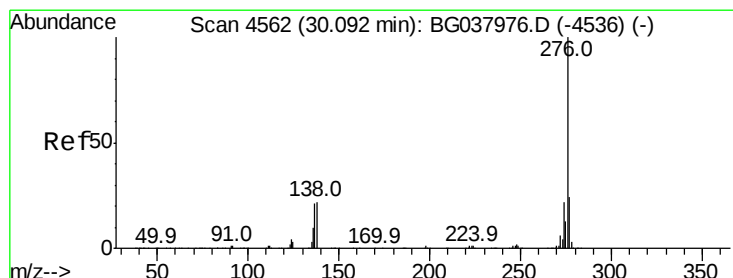
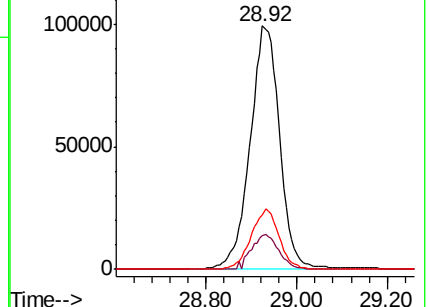
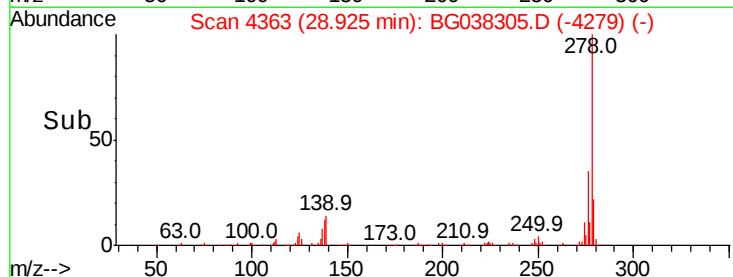
279 22.4 18.6 27.8



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: 39.621 ng

RT: 30.06 min Scan# 4557

Delta R.T. -0.03 min

Lab File: BG038305.D

Acq: 3 Dec 2018 18:22

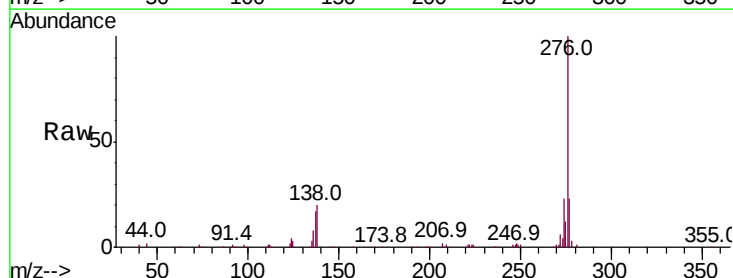
Tgt Ion:276 Resp: 454695

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 19.6 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

