

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038333.D
 Acq On : 4 Dec 2018 19:57
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 05 02:40:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	35259	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	195710	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	179590	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	426876	20.00	ng	0.00
76) Chrysene-d12	21.74	240	397626	20.00	ng	0.00
87) Perylene-d12	25.06	264	421139	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	183634	92.17	ng	0.00
7) Phenol-d6	7.23	99	399073	138.58	ng	0.00
23) Nitrobenzene-d5	9.25	82	291508	73.95	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	192132	87.15	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	924840	73.38	ng	0.00
79) Terphenyl-d14	20.06	244	1368814	73.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	38170	41.799	ng	97
3) Pyridine	3.91	79	115731	42.362	ng	97
4) n-Nitrosodimethylamine	3.84	42	51108	42.708	ng	88
6) Aniline	7.40	93	245934	66.865	ng	98
8) 2-Chlorophenol	7.63	128	99530	43.012	ng	98
9) Benzaldehyde	7.21	77	80767	44.292	ng	89
10) Phenol	7.25	94	196086	64.446	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	143741	57.684	ng	97
12) 1,3-Dichlorobenzene	7.96	146	106865	39.514	ng	95
13) 1,4-Dichlorobenzene	8.11	146	107615	38.458	ng	99
14) 1,2-Dichlorobenzene	8.43	146	101832	39.398	ng	97
15) Benzyl Alcohol	8.32	79	141478	59.757	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	228444	40.304	ng	95
17) 2-Methylphenol	8.51	107	117106	57.546	ng	94
18) Hexachloroethane	9.15	117	39531	39.142	ng	96
19) n-Nitroso-di-n-propylamine	8.88	70	133138	64.549	ng	93
20) 3+4-Methylphenols	8.84	107	186306	60.779	ng	95
22) Acetophenone	8.91	105	187411	39.648	ng	97
24) Nitrobenzene	9.29	77	149096	37.228	ng	96
25) Isophorone	9.81	82	352006	50.813	ng	98
26) 2-Nitrophenol	10.00	139	82281	44.340	ng	# 88
27) 2,4-Dimethylphenol	10.05	122	146351	54.908	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	200035	50.370	ng	96
29) 2,4-Dichlorophenol	10.53	162	169289	55.640	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	135004	37.799	ng	99
31) Naphthalene	10.94	128	375034	40.117	ng	99
32) Benzoic acid	10.25	122	135239	69.146	ng	96
33) 4-Chloroaniline	11.06	127	206232	49.833	ng	98
34) Hexachlorobutadiene	11.20	225	80582	36.064	ng	91
35) Caprolactam	11.87	113	89330	70.998	ng	# 85
36) 4-Chloro-3-methylphenol	12.17	107	215400	63.718	ng	97
37) 2-Methylnaphthalene	12.54	142	353669	53.123	ng	97
38) 1-Methylnaphthalene	12.76	142	345210	54.138	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	228378	36.956	ng	99

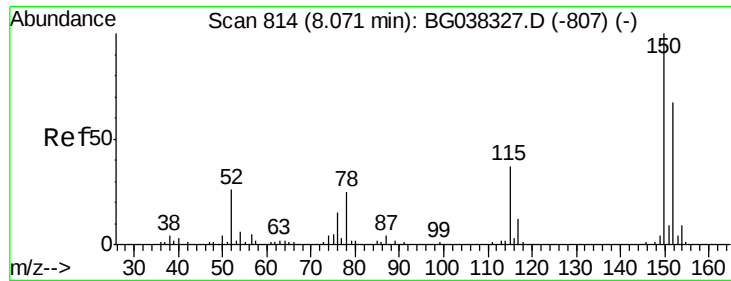
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038333.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	79139	23.304	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	170520	42.597	ng	96
44) 2,4,5-Trichlorophenol	13.22	196	183068	43.168	ng	96
46) 1,1'-Biphenyl	13.55	154	568923	37.477	ng	98
47) 2-Chloronaphthalene	13.59	162	432252	37.734	ng	98
48) 2-Nitroaniline	13.81	65	163106	42.441	ng	98
49) Acenaphthylene	14.44	152	639474	37.066	ng	100
50) Dimethylphthalate	14.17	163	583847	40.532	ng	100
51) 2,6-Dinitrotoluene	14.30	165	136101	41.362	ng	95
52) Acenaphthene	14.78	154	410391	39.020	ng	99
53) 3-Nitroaniline	14.63	138	142030	40.079	ng	# 97
54) 2,4-Dinitrophenol	14.83	184	96252	53.362	ng	86
55) Dibenzofuran	15.11	168	682336	39.242	ng	94
56) 4-Nitrophenol	14.93	139	121196	43.294	ng	82
57) 2,4-Dinitrotoluene	15.08	165	189293	41.710	ng	# 96
58) Fluorene	15.76	166	549184	42.871	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	158674	43.080	ng	98
60) Diethylphthalate	15.52	149	696032	43.615	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	334518	43.475	ng	98
62) 4-Nitroaniline	15.80	138	156314	44.847	ng	91
63) Azobenzene	16.04	77	564921	40.448	ng	95
65) 4,6-Dinitro-2-methylphenol	15.84	198	132677	47.437	ng	96
66) n-Nitrosodiphenylamine	15.97	169	511289	42.594	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	201185	43.643	ng	98
68) Hexachlorobenzene	16.76	284	207565	43.653	ng	98
69) Atrazine	16.90	200	99483	22.210	ng	97
70) Pentachlorophenol	17.10	266	153138	47.021	ng	97
71) Phenanthrene	17.50	178	862219	40.333	ng	100
72) Anthracene	17.60	178	845781	40.855	ng	98
73) Carbazole	17.87	167	848154	41.279	ng	99
74) Di-n-butylphthalate	18.40	149	991560	41.308	ng	# 99
75) Fluoranthene	19.51	202	1003297	40.170	ng	97
77) Benzidine	19.69	184	306435	22.838	ng	99
78) Pyrene	19.88	202	1025770	36.870	ng	100
80) Butylbenzylphthalate	20.74	149	453886	40.563	ng	98
81) Benzo(a)anthracene	21.72	228	958379	39.216	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	353758	37.211	ng	100
83) Chrysene	21.80	228	910081	39.353	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	631077	39.790	ng	100
85) Di-n-octyl phthalate	22.82	149	1060897	39.011	ng	96
86) Indeno(1,2,3-cd)pyrene	28.86	276	1097695	41.765	ng	99
88) Benzo(b)fluoranthene	24.00	252	946249	39.765	ng	99
89) Benzo(k)fluoranthene	24.07	252	938119	39.584	ng	96
90) Benzo(a)pyrene	24.90	252	920940	39.899	ng	97
91) Dibenzo(a,h)anthracene	28.94	278	907229	41.442	ng	98
92) Benzo(g,h,i)perylene	30.07	276	902146	41.536	ng	96

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

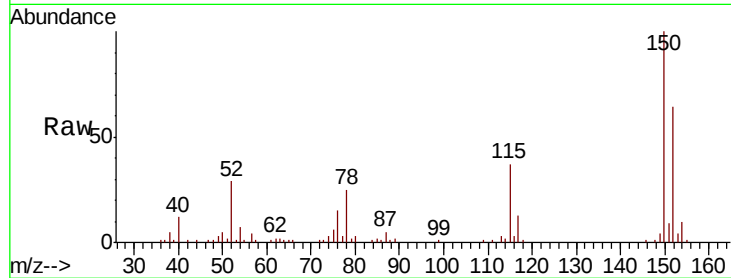


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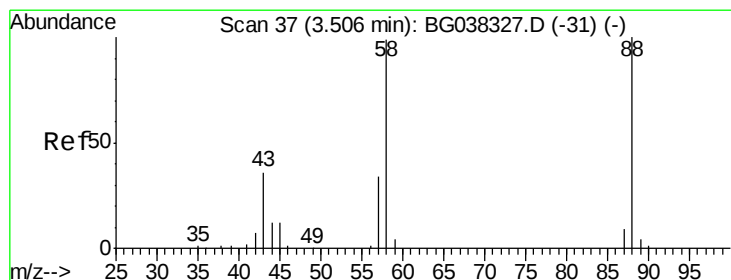
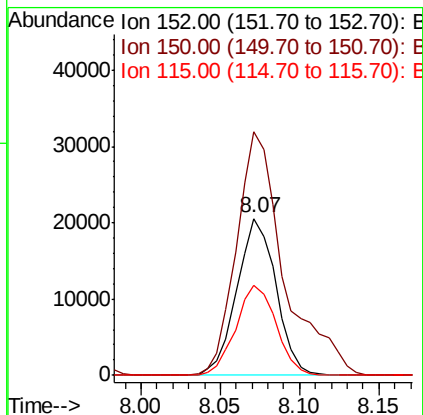
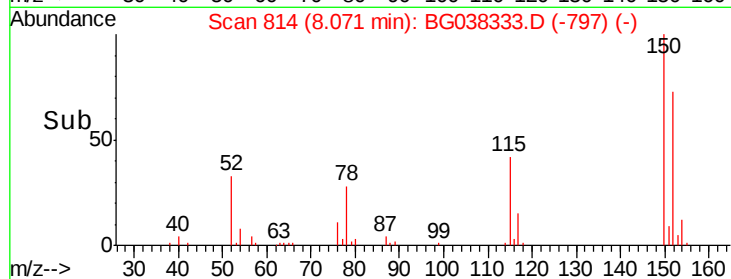
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 35259
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.0 189.0
 115 57.8 45.5 68.3



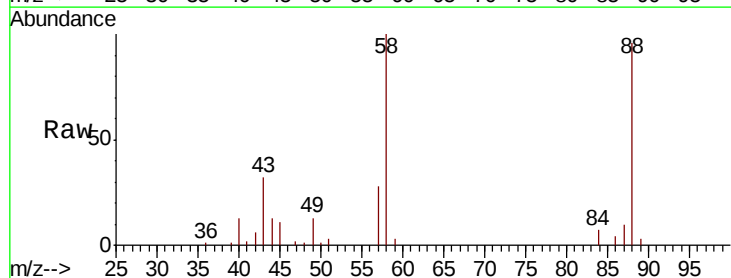
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



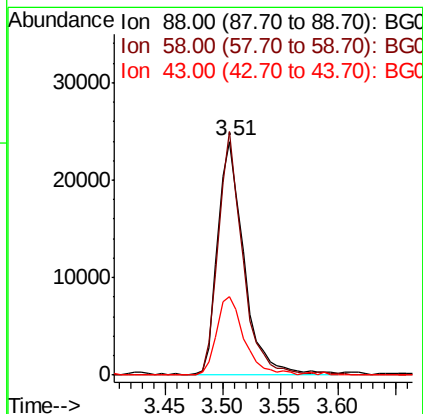
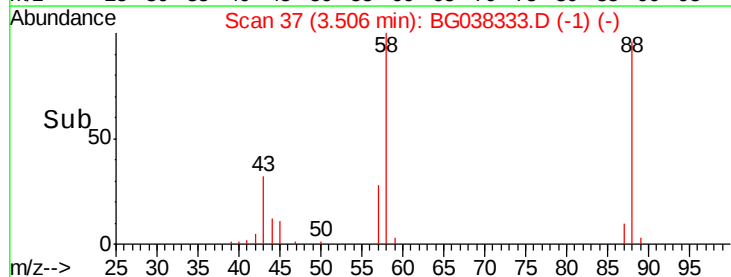
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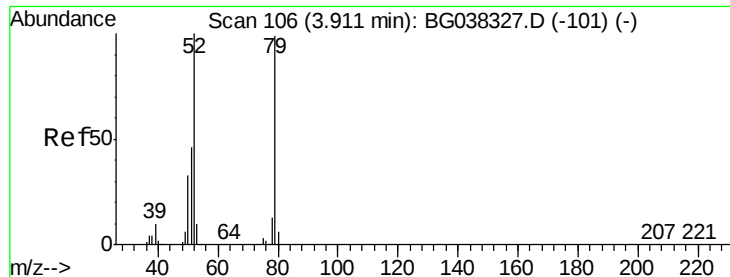
1,4-Dioxane
 Concen: 41.799 ng
 RT: 3.51 min Scan# 37
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion: 88 Resp: 38170
 Ion Ratio Lower Upper
 88 100
 58 95.7 74.4 111.6
 43 34.9 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

Pyridine

Concen: 42.362 ng

RT: 3.91 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

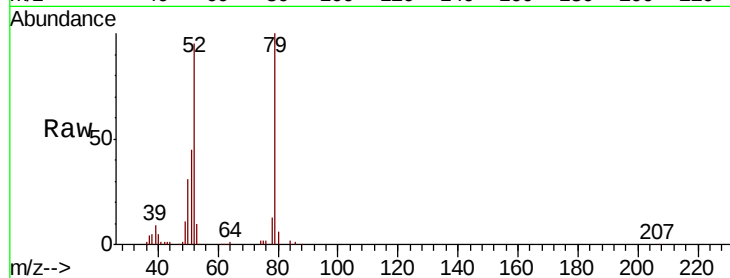
Tgt Ion: 79 Resp: 115731

Ion Ratio Lower Upper

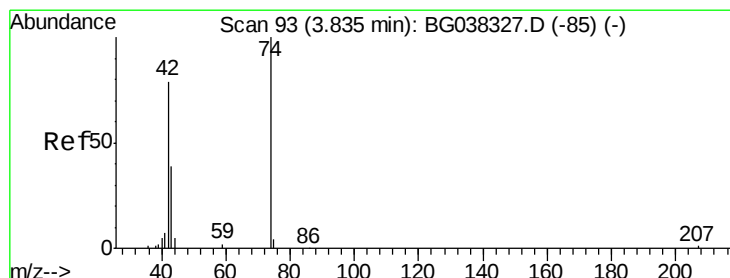
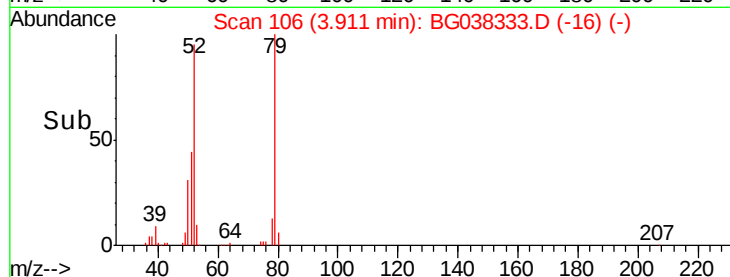
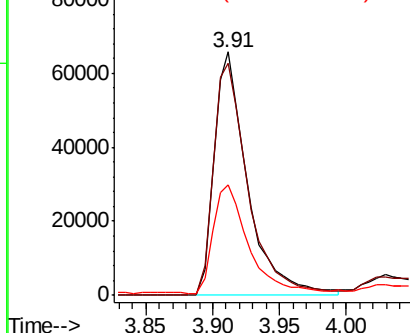
79 100

52 95.4 74.2 111.2

51 45.3 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 42.708 ng

RT: 3.84 min Scan# 93

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

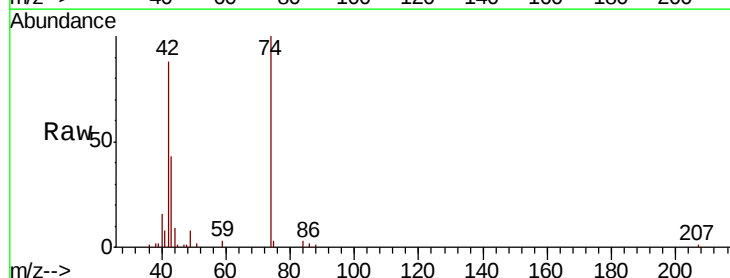
Tgt Ion: 42 Resp: 51108

Ion Ratio Lower Upper

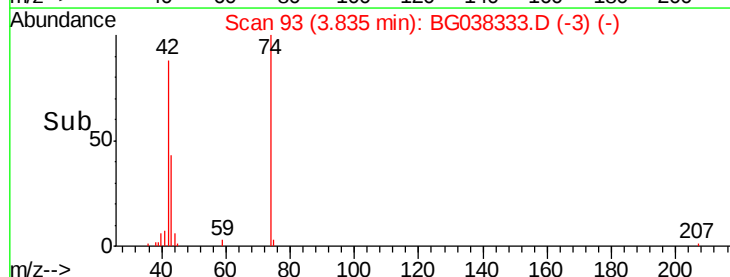
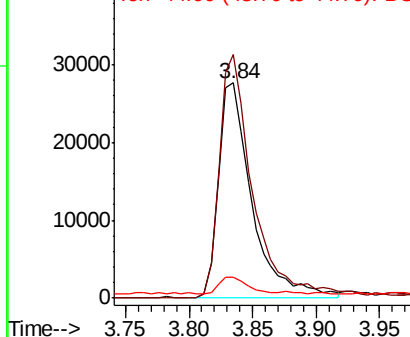
42 100

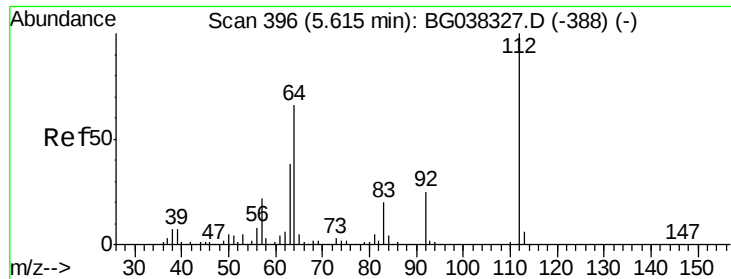
74 113.1 102.0 153.0

44 9.8 9.6 14.4



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





#5

2-Fluorophenol

Concen: 92.166 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

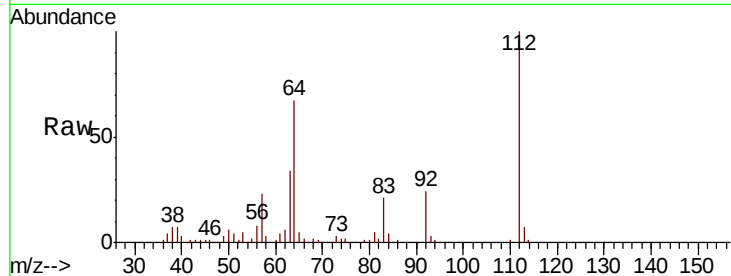
Tgt Ion: 112 Resp: 183634

Ion Ratio Lower Upper

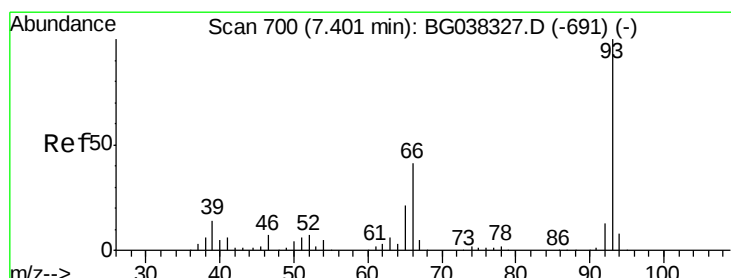
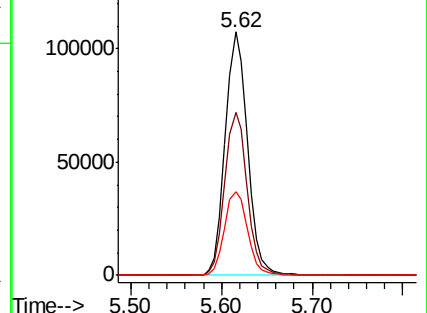
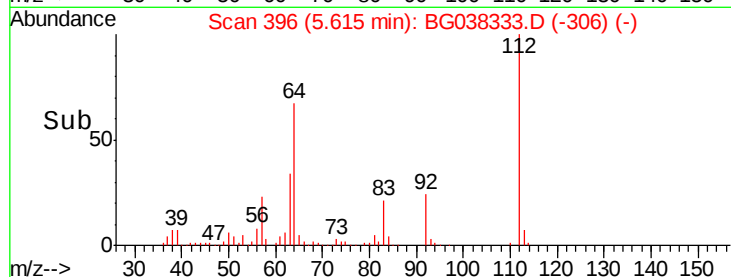
112 100

64 66.9 53.1 79.7

63 34.2 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: 66.865 ng

RT: 7.40 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

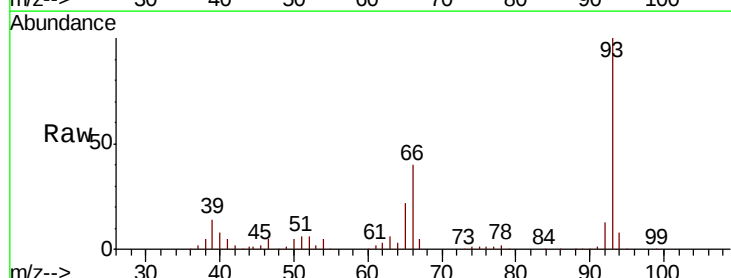
Tgt Ion: 93 Resp: 245934

Ion Ratio Lower Upper

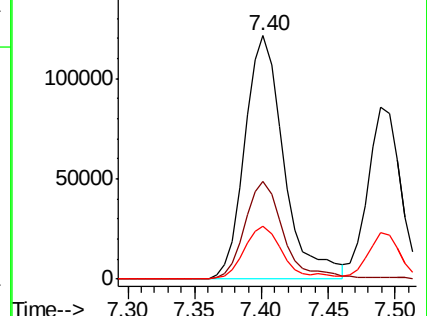
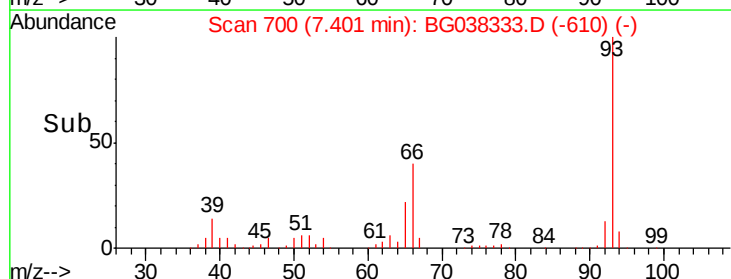
93 100

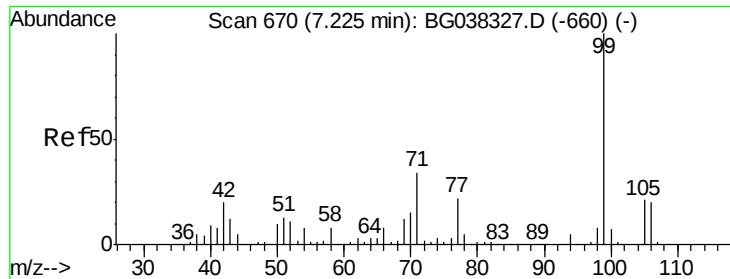
66 40.4 32.8 49.2

65 21.7 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: 138.580 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

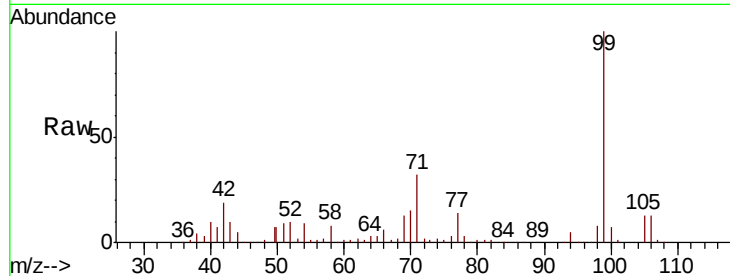
Tgt Ion: 99 Resp: 399073

Ion Ratio Lower Upper

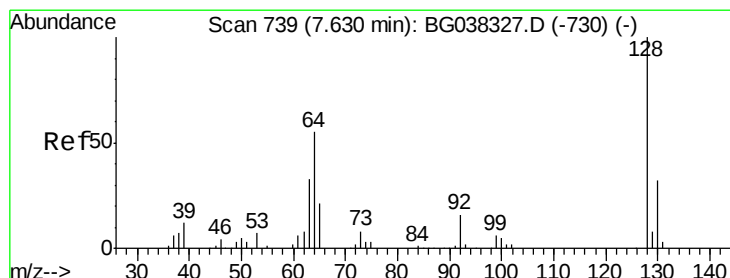
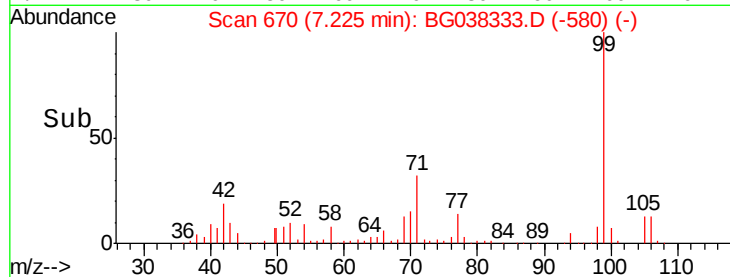
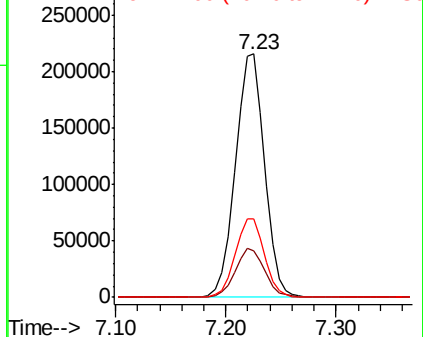
99 100

42 19.2 15.0 22.4

71 32.4 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: 43.012 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

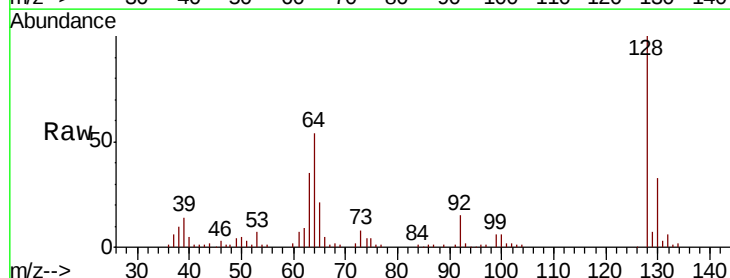
Tgt Ion: 128 Resp: 99530

Ion Ratio Lower Upper

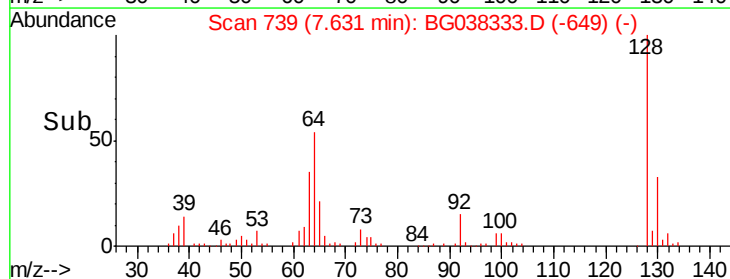
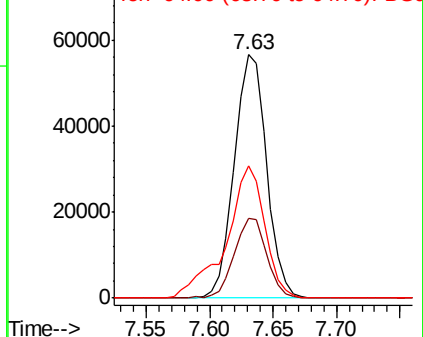
128 100

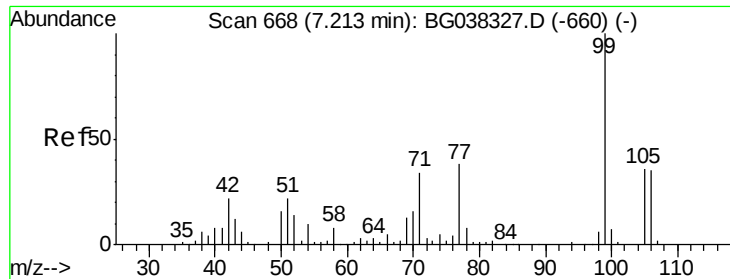
130 32.9 12.0 52.0

64 54.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 44.292 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

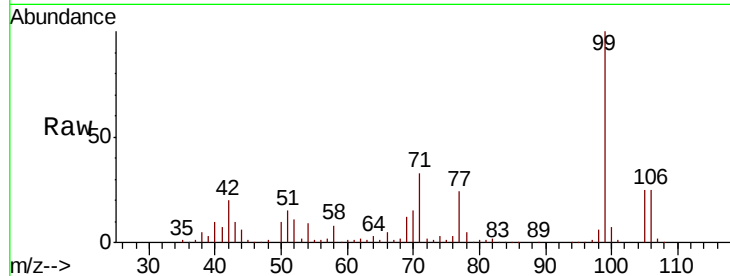
Tgt Ion: 77 Resp: 80767

Ion Ratio Lower Upper

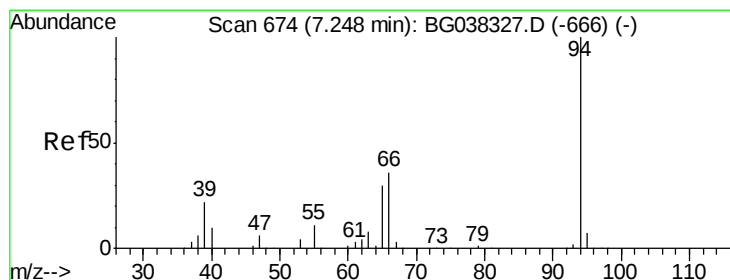
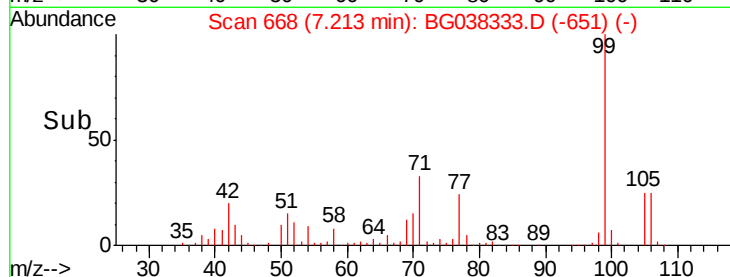
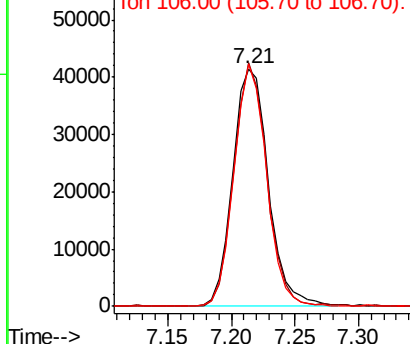
77 100

105 102.4 72.6 112.6

106 101.8 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: 64.446 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

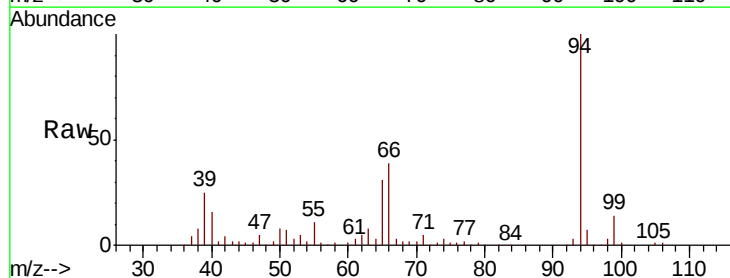
Tgt Ion: 94 Resp: 196086

Ion Ratio Lower Upper

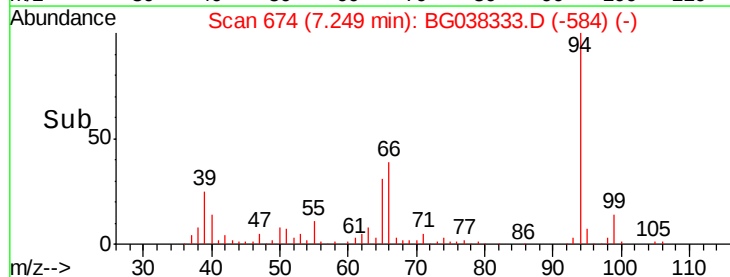
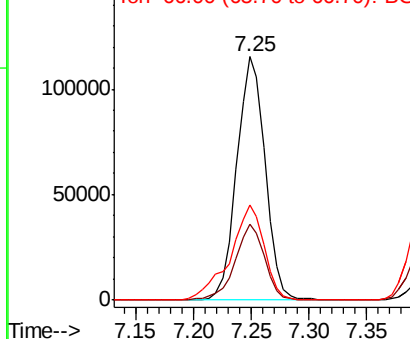
94 100

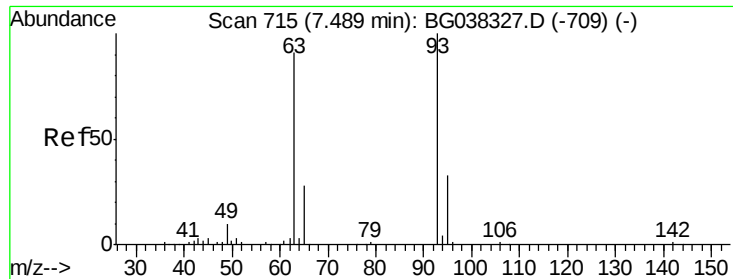
65 31.0 9.7 49.7

66 39.1 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

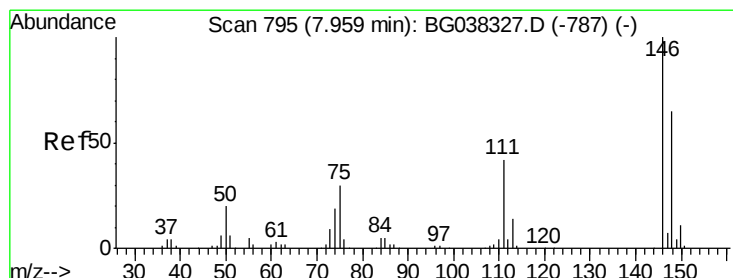
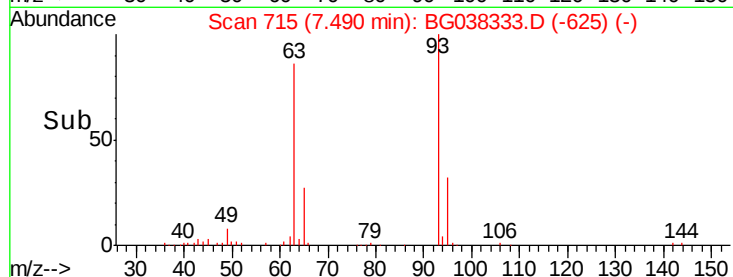
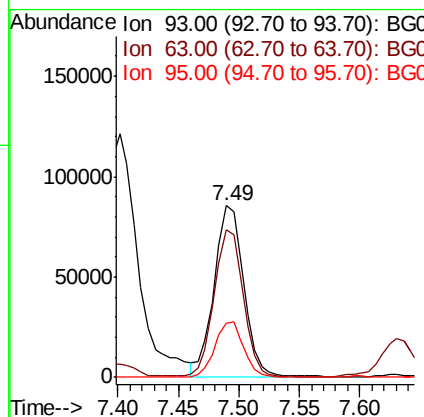
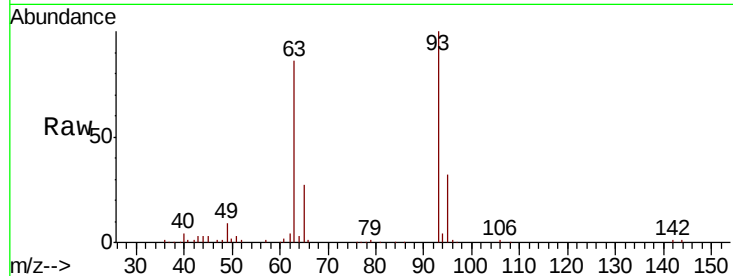




#11
 bis(2-Chloroethyl)ether
 Concen: 57.684 ng
 RT: 7.49 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

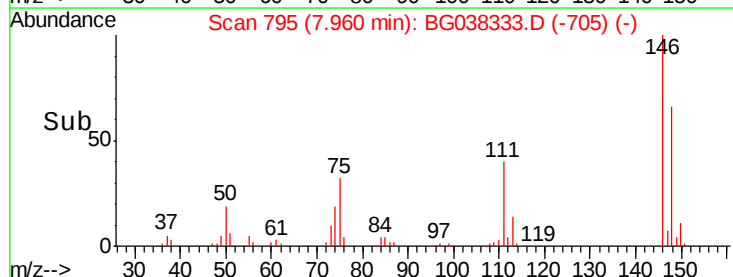
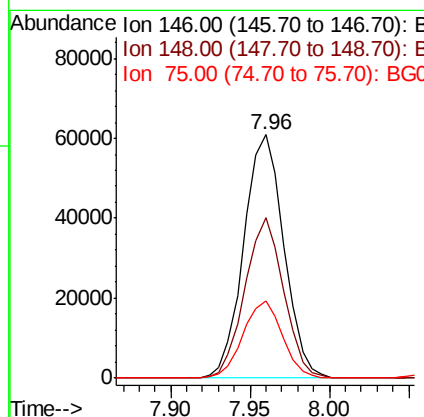
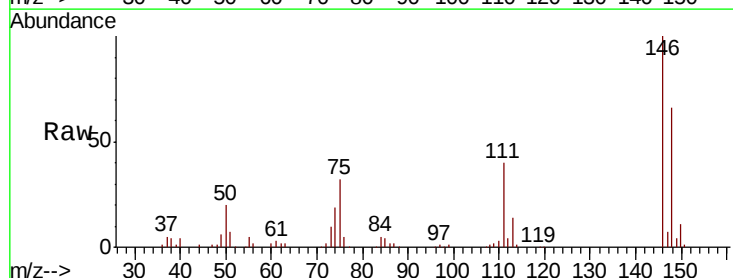
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

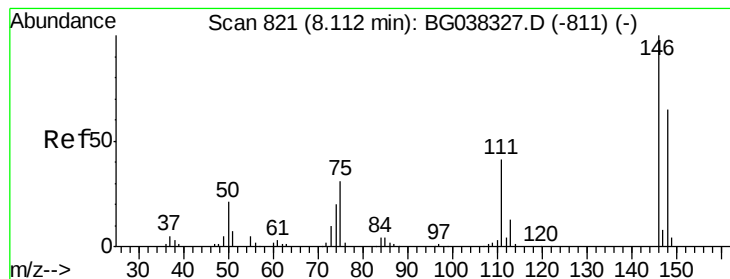
Tgt Ion: 93 Resp: 143741
 Ion Ratio Lower Upper
 93 100
 63 85.8 69.5 109.5
 95 31.8 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 39.514 ng
 RT: 7.96 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion: 146 Resp: 106865
 Ion Ratio Lower Upper
 146 100
 148 65.8 49.8 74.8
 75 31.6 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 38.458 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

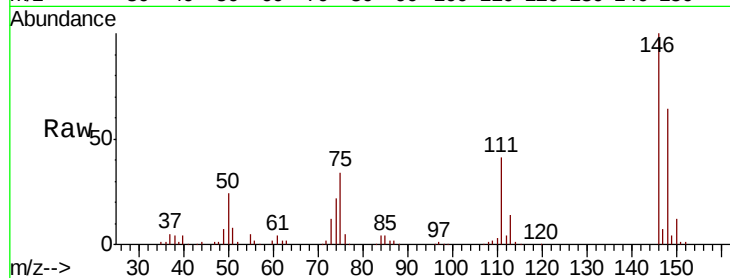
Tgt Ion:146 Resp: 107615

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 41.1 32.4 48.6

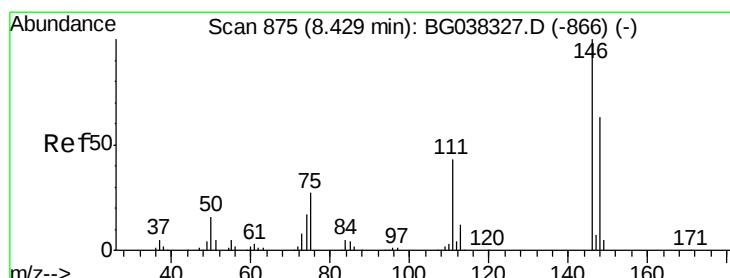
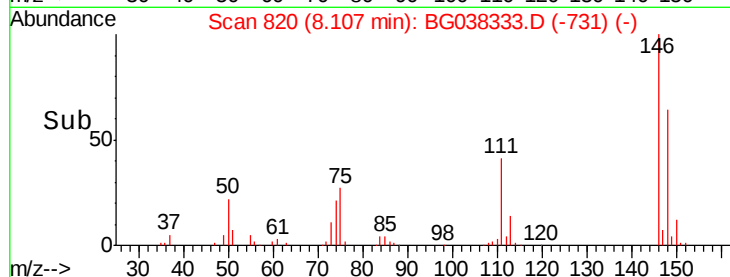
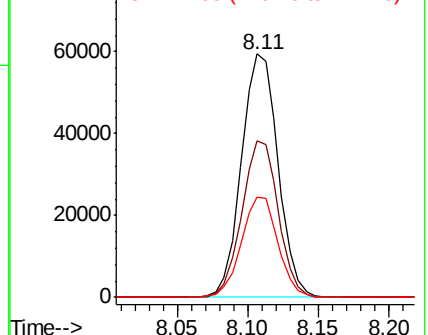


Abundance

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: 39.398 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

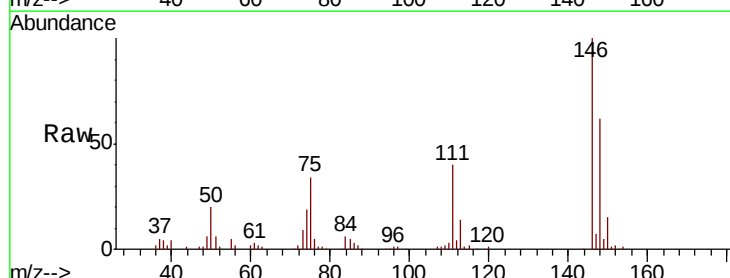
Tgt Ion:146 Resp: 101832

Ion Ratio Lower Upper

146 100

148 62.0 50.4 75.6

111 40.1 34.6 51.8

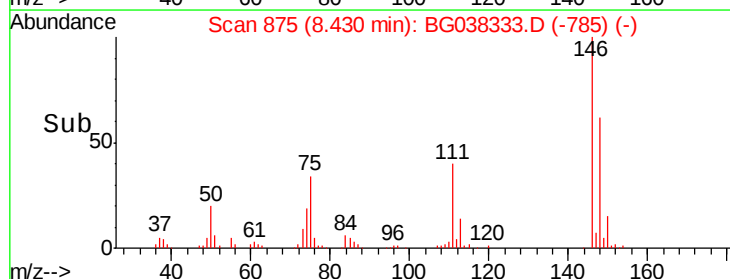
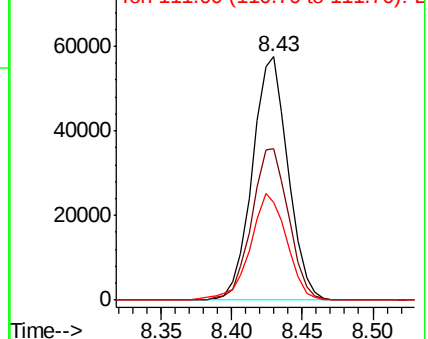


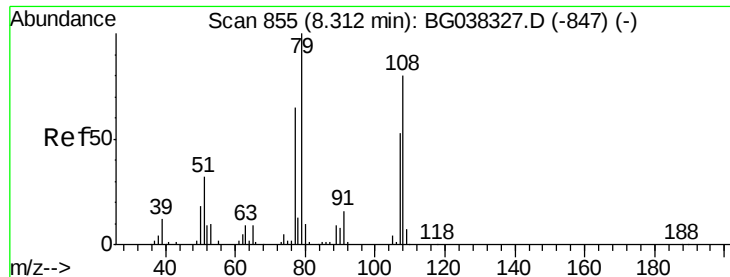
Abundance

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: 59.757 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

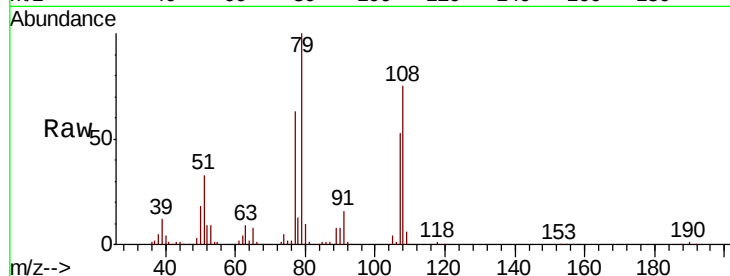
Tgt Ion: 79 Resp: 141478

Ion Ratio Lower Upper

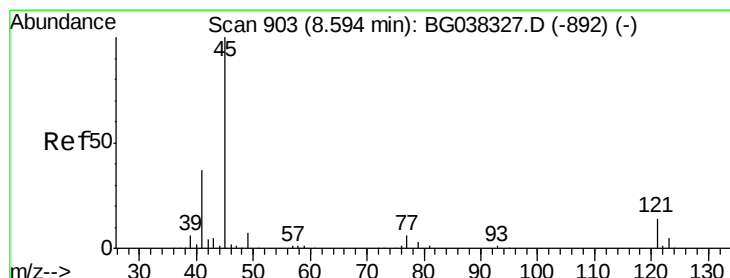
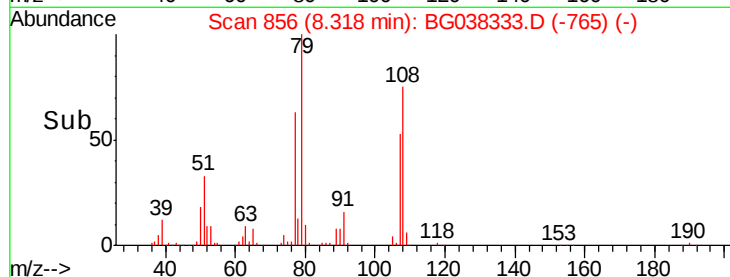
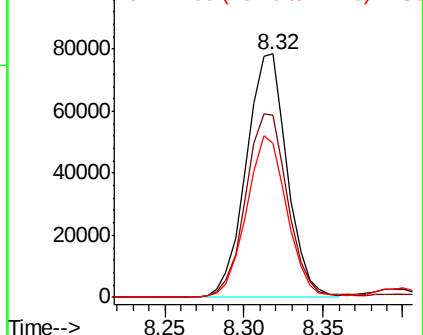
79 100

108 74.7 65.8 98.8

77 63.2 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: 40.304 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

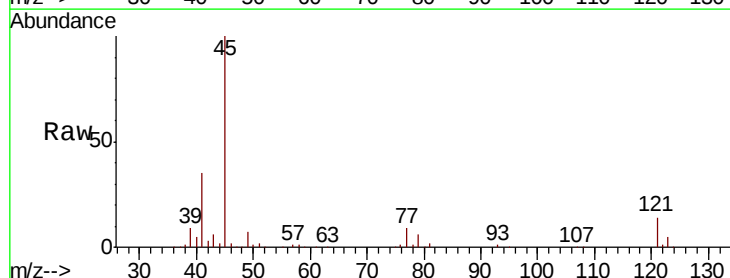
Tgt Ion: 45 Resp: 228444

Ion Ratio Lower Upper

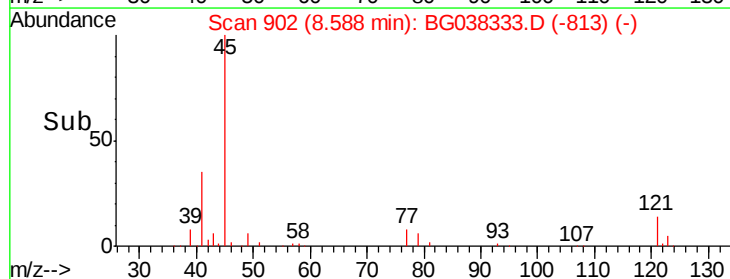
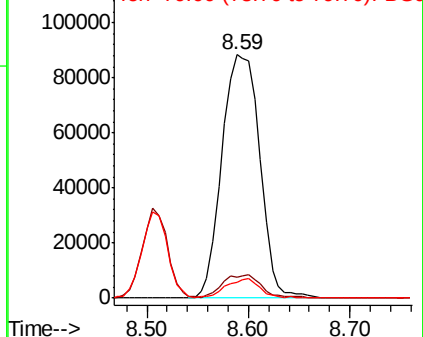
45 100

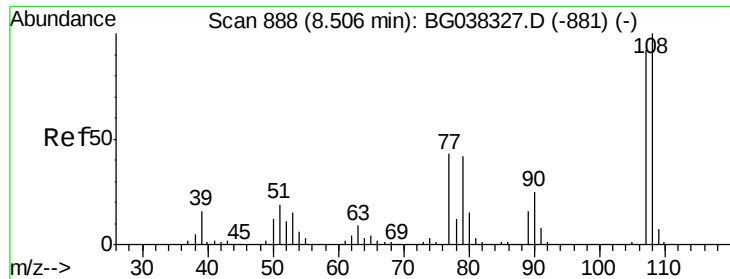
77 8.7 0.0 30.0

79 6.2 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

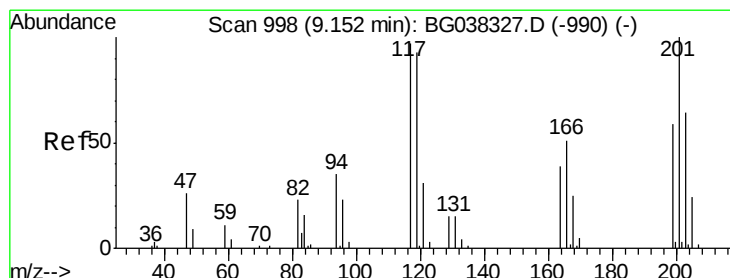
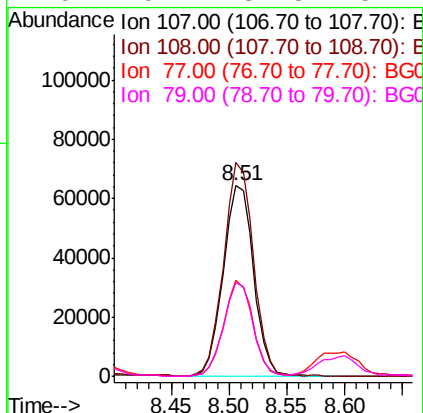
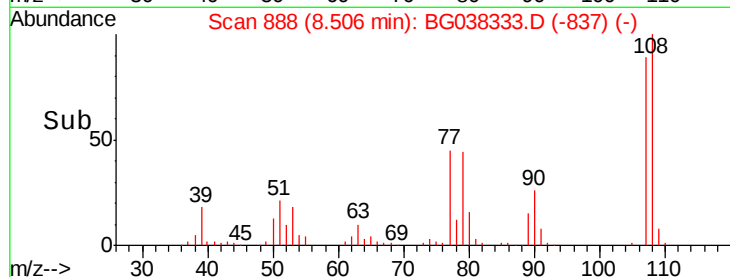
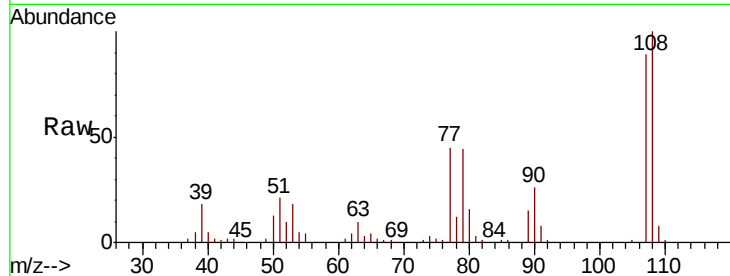




#17
2-Methylphenol
Concen: 57.546 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

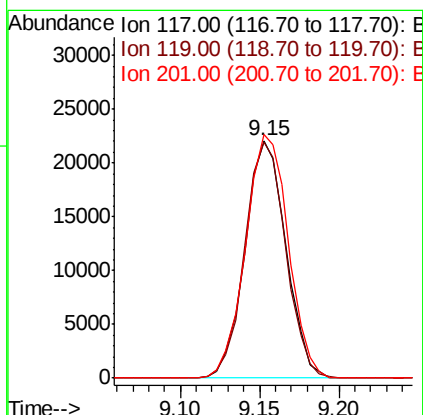
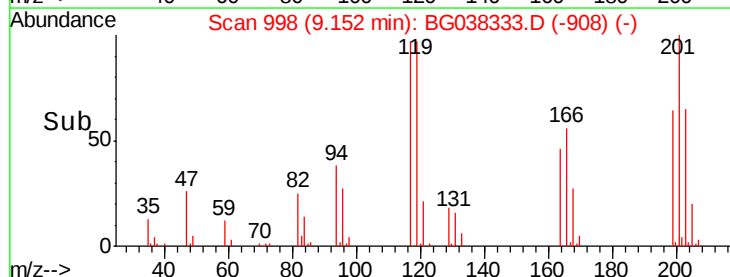
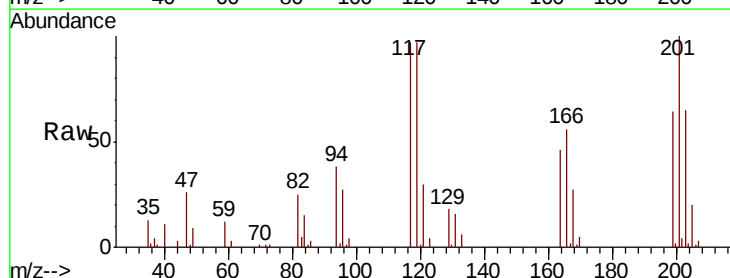
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

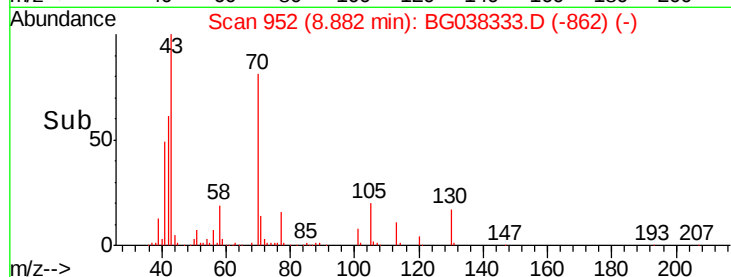
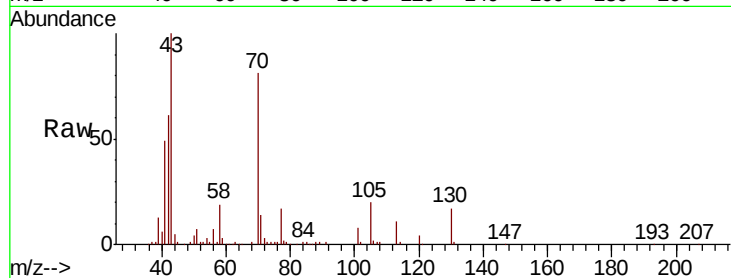
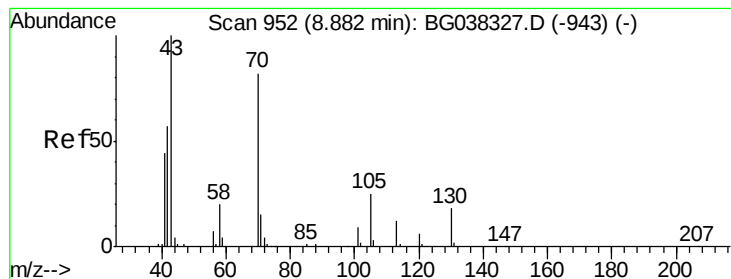
Tgt Ion:	107	Resp:	117106
Ion	Ratio	Lower	Upper
107	100		
108	112.3	87.9	131.9
77	50.6	35.1	52.7
79	49.1	34.5	51.7



#18
Hexachloroethane
Concen: 39.142 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Tgt Ion:	117	Resp:	39531
Ion	Ratio	Lower	Upper
117	100		
119	99.6	74.6	111.8
201	102.6	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 64.549 ng

RT: 8.88 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 133138

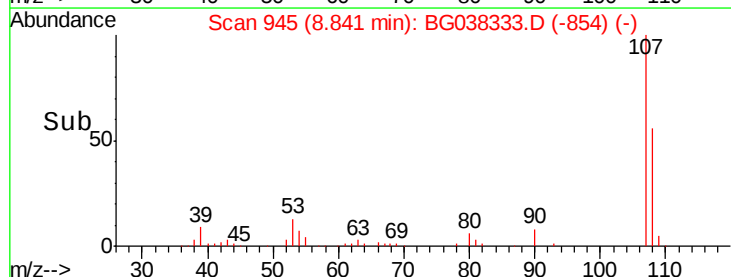
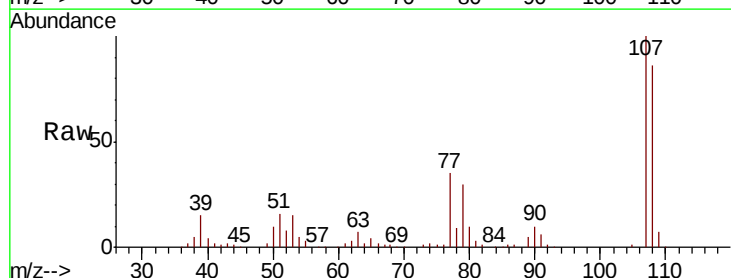
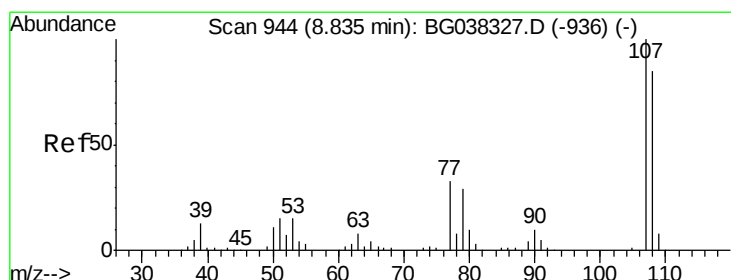
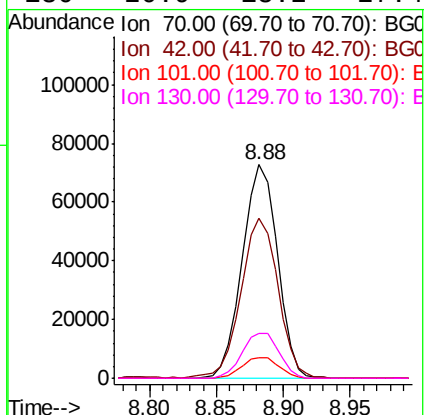
Ion Ratio Lower Upper

70 100

42 74.7 53.9 80.9

101 9.8 8.2 12.2

130 20.9 18.2 27.4



#20

3+4-Methylphenols

Concen: 60.779 ng

RT: 8.84 min Scan# 945

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Tgt Ion: 107 Resp: 186306

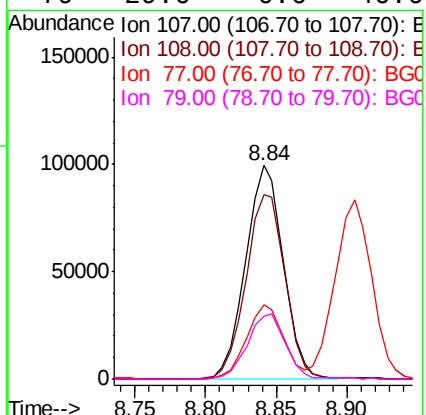
Ion Ratio Lower Upper

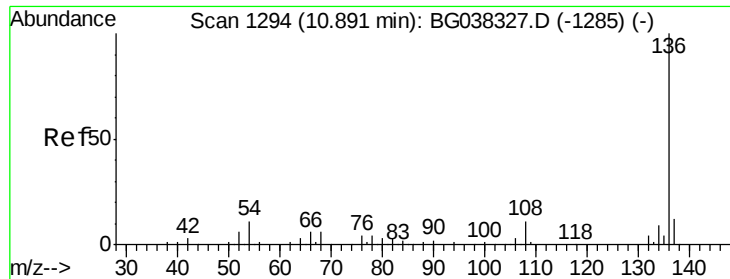
107 100

108 86.4 69.9 109.9

77 34.8 11.2 51.2

79 29.6 6.6 46.6

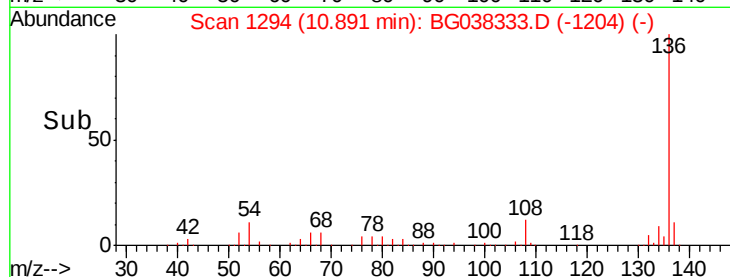
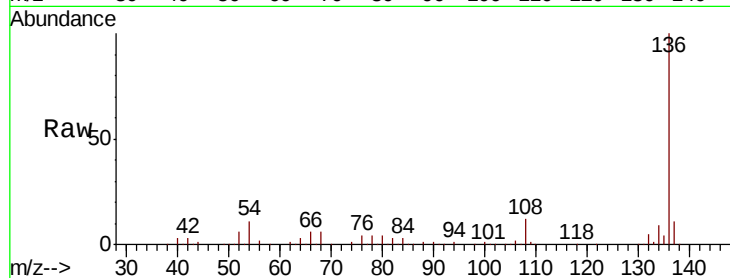




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	195710
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.1	7.9	11.9
68	6.3	4.8	7.2



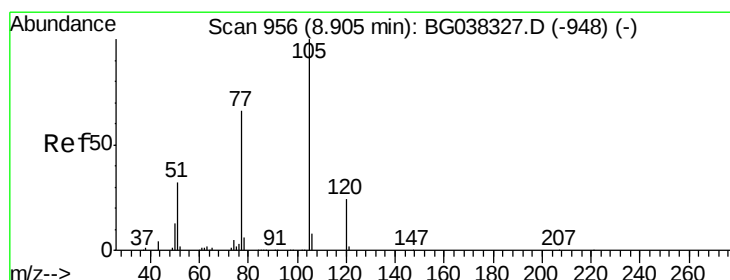
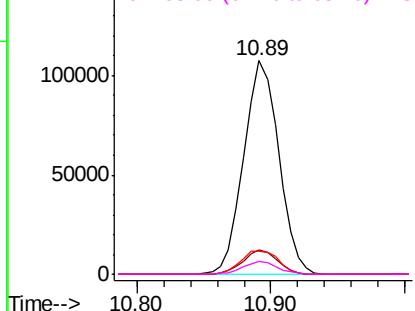
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

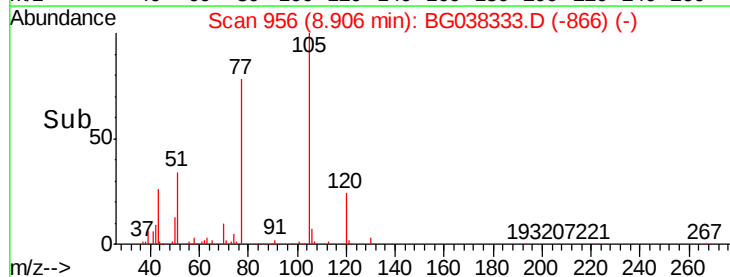
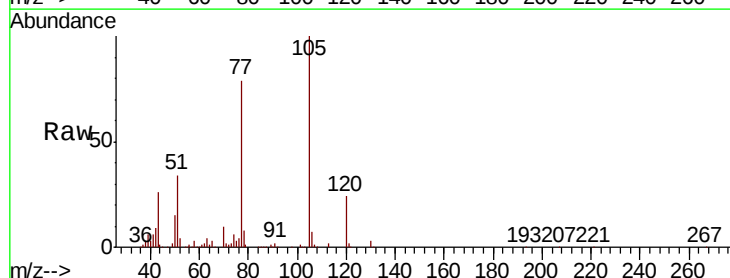
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.648 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Tgt Ion:	105	Resp:	187411
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.2	1.8
51	34.4	25.0	37.6
120	23.6	18.6	28.0



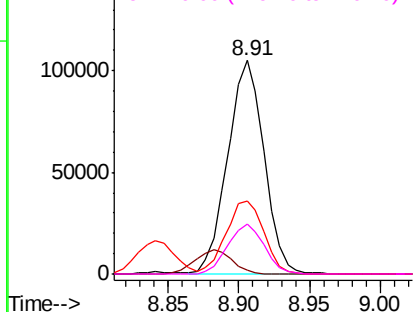
Abundance

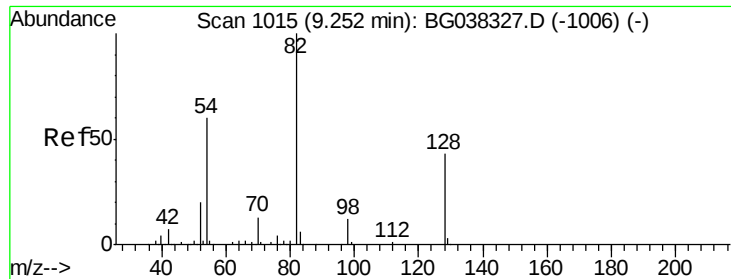
Ion 105.00 (104.70 to 105.70): E

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

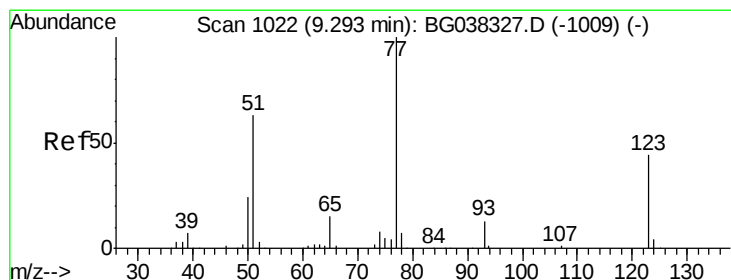
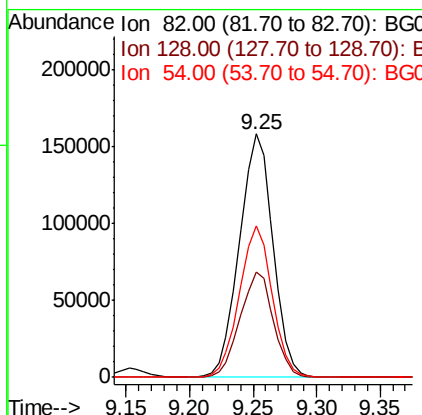
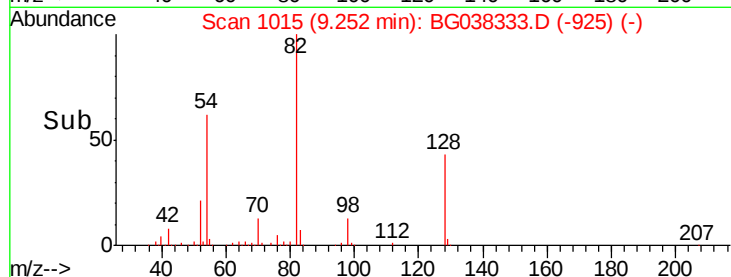
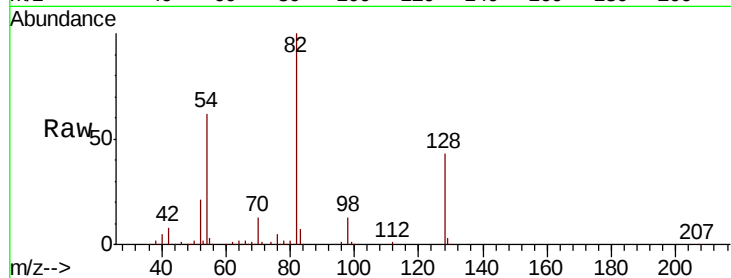




#23
 Nitrobenzene-d5
 Concen: 73.950 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

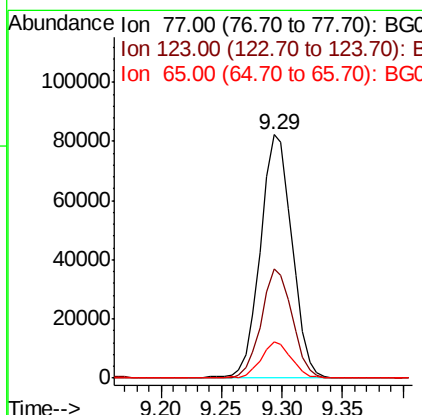
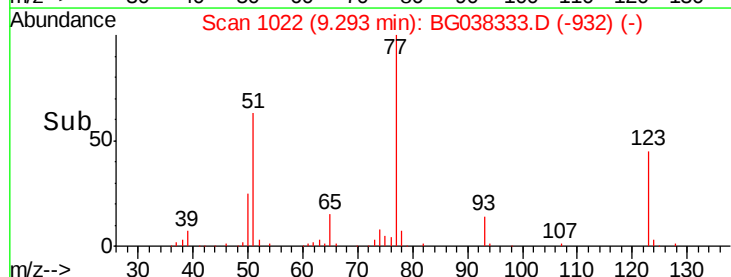
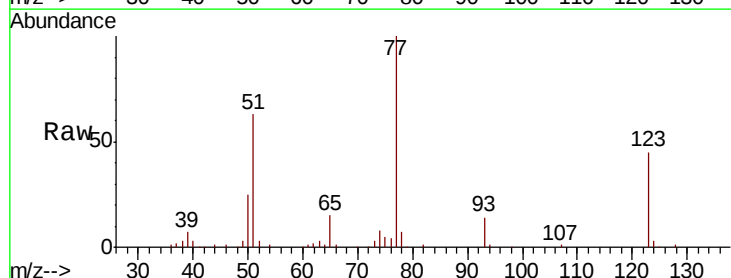
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

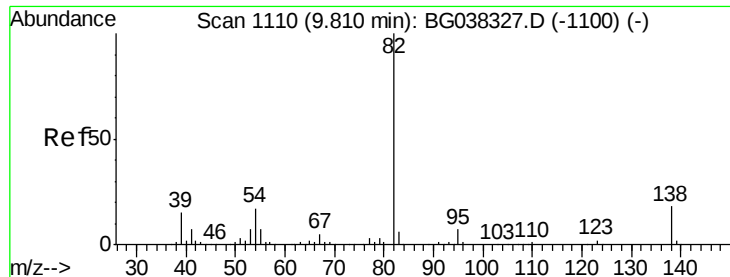
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	62.0	45.3	67.9



#24
 Nitrobenzene
 Concen: 37.228 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	33.6	50.4
65	15.0	11.3	16.9





#25

Isophorone

Concen: 50.813 ng

RT: 9.81 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

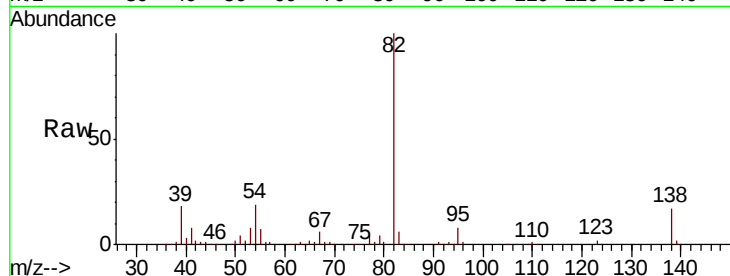
Tgt Ion: 82 Resp: 352006

Ion Ratio Lower Upper

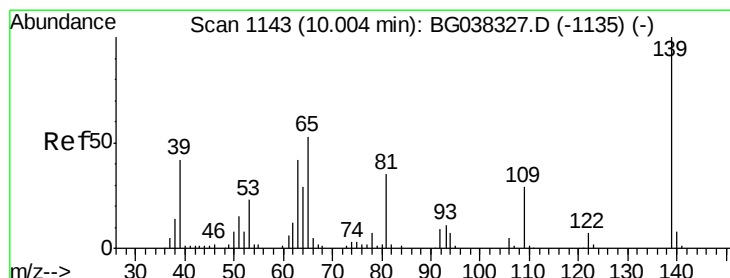
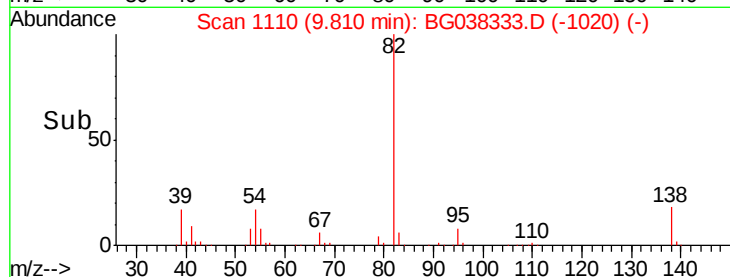
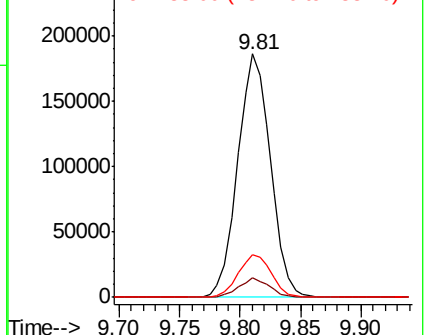
82 100

95 7.8 5.3 7.9

138 17.4 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: 44.340 ng

RT: 10.00 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

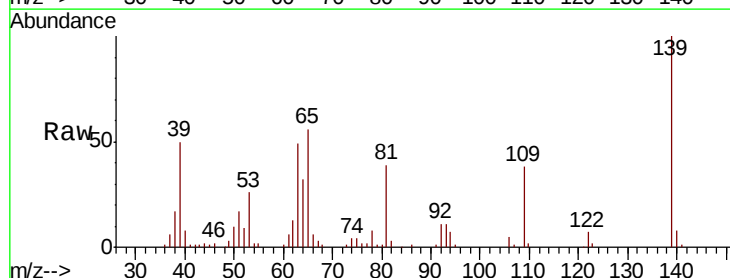
Tgt Ion: 139 Resp: 82281

Ion Ratio Lower Upper

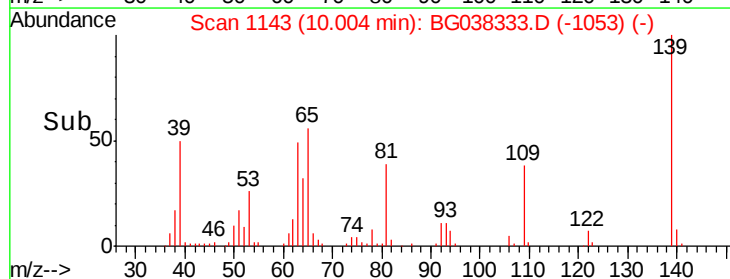
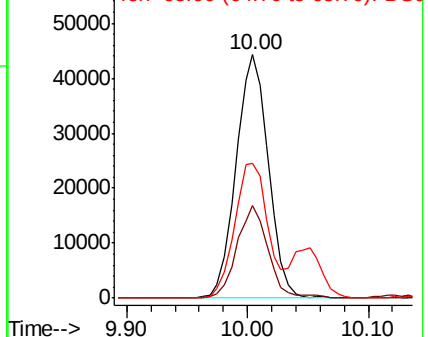
139 100

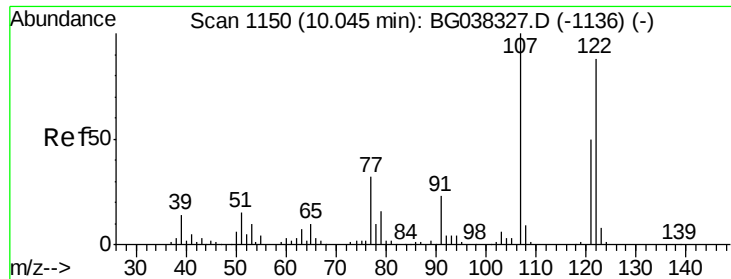
109 38.3 23.3 34.9#

65 55.6 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

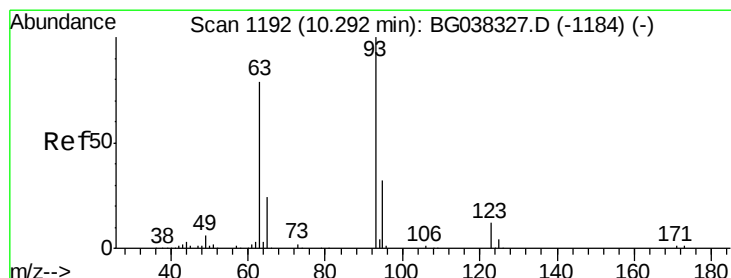
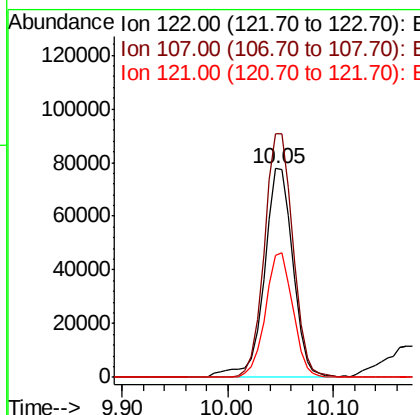
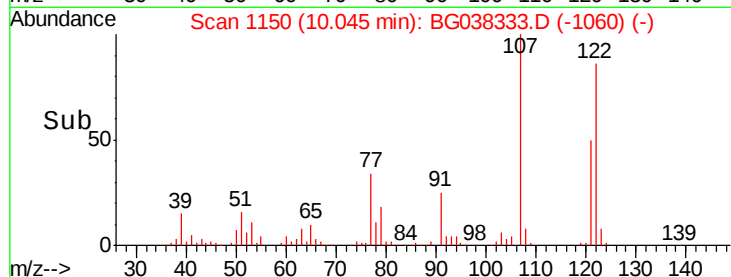
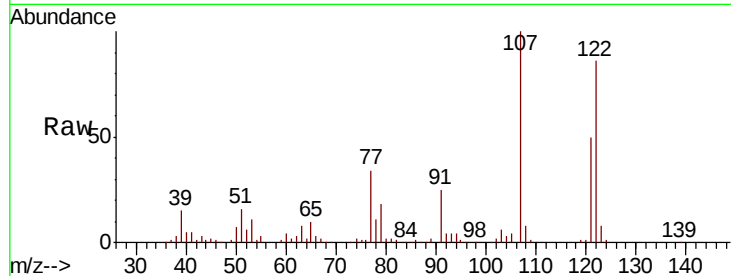




#27
 2,4-Dimethylphenol
 Concen: 54.908 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

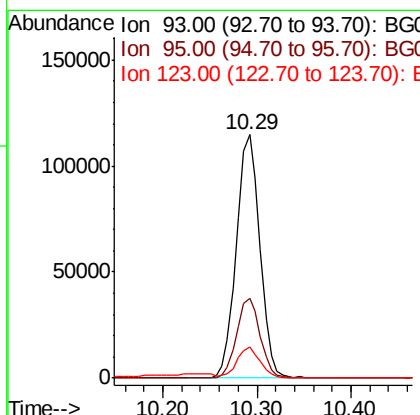
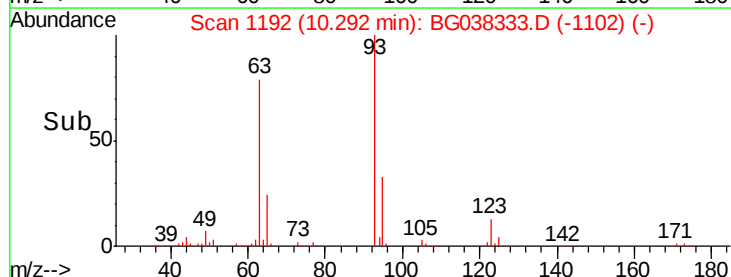
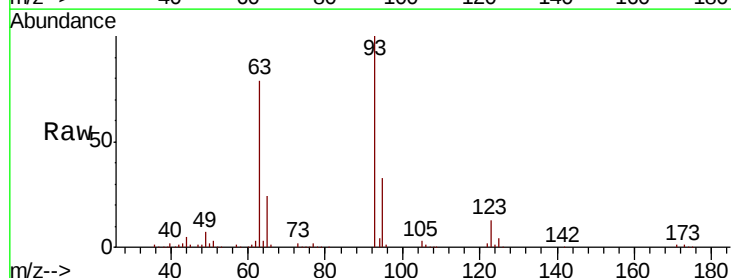
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

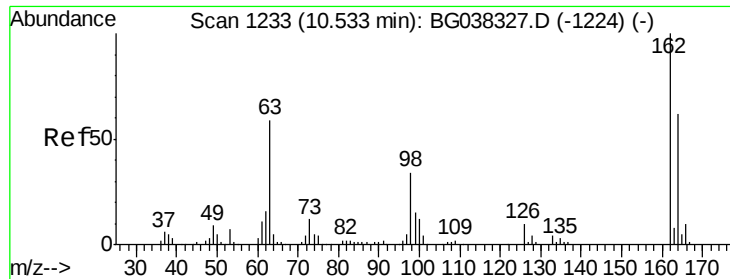
Tgt Ion:122 Resp: 146351
 Ion Ratio Lower Upper
 122 100
 107 116.5 94.2 141.2
 121 58.3 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.370 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion: 93 Resp: 200035
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 12.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.640 ng

RT: 10.53 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

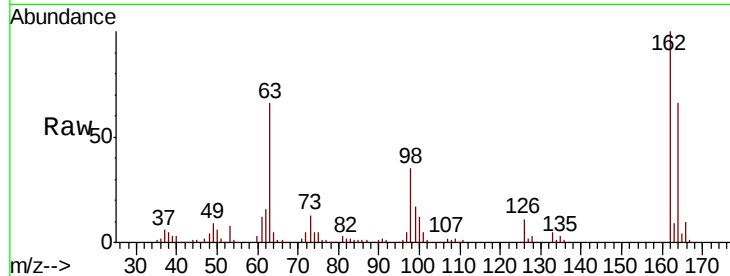
Tgt Ion:162 Resp: 169289

Ion Ratio Lower Upper

162 100

164 65.9 43.2 83.2

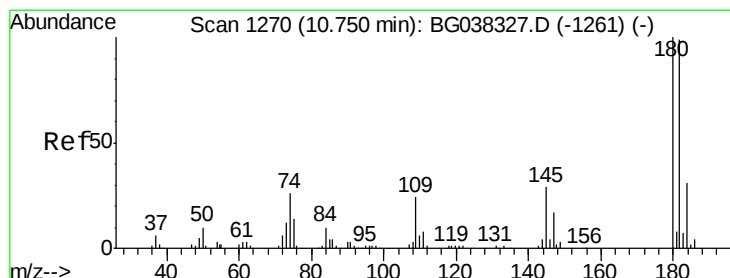
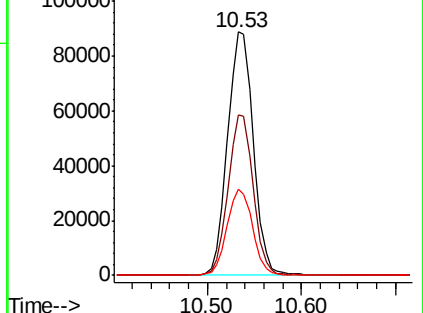
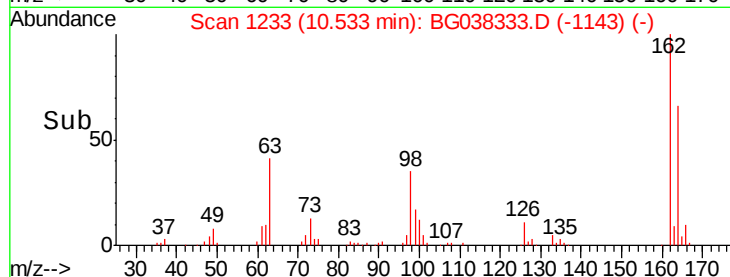
98 35.3 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.799 ng

RT: 10.75 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

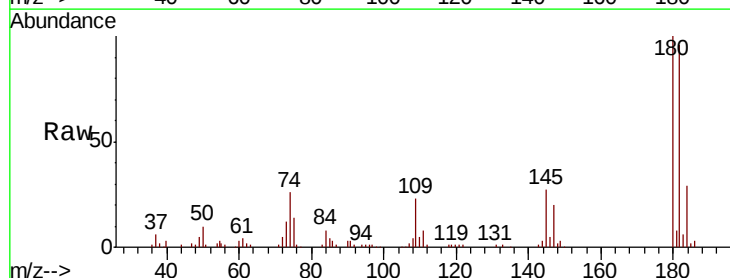
Tgt Ion:180 Resp: 135004

Ion Ratio Lower Upper

180 100

182 96.2 77.7 116.5

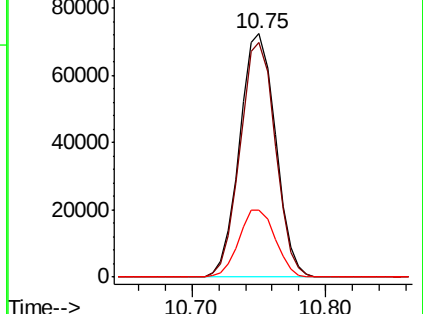
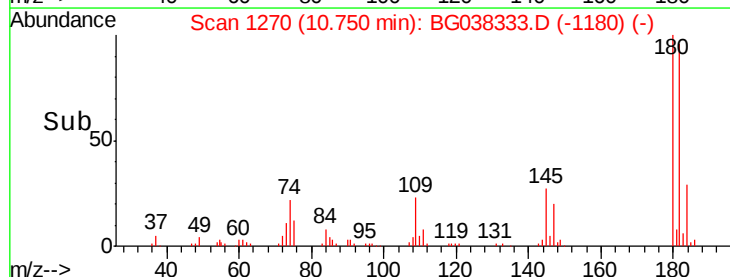
145 27.4 23.3 34.9

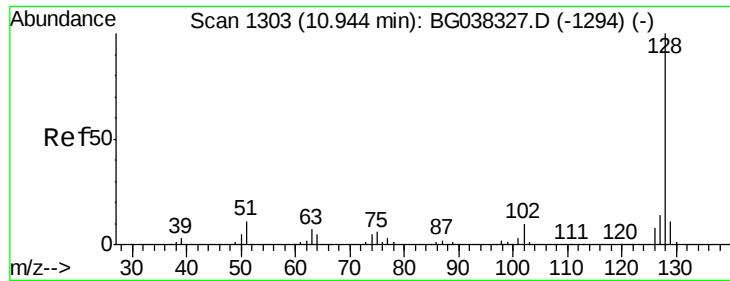


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

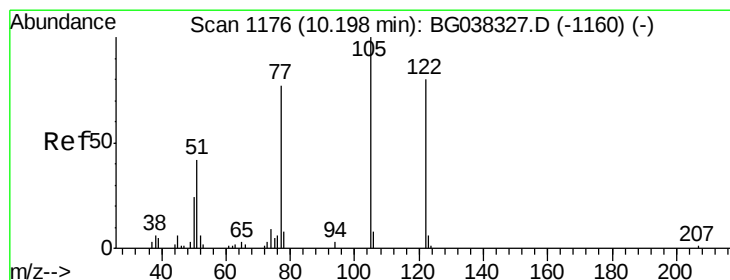
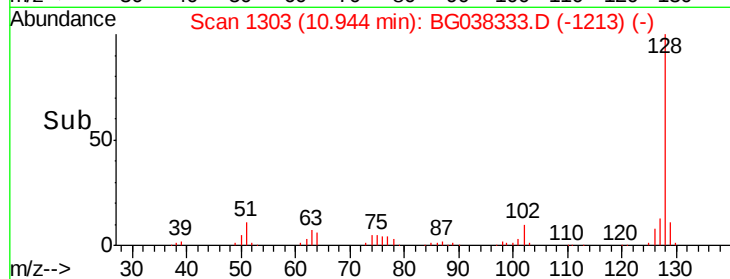
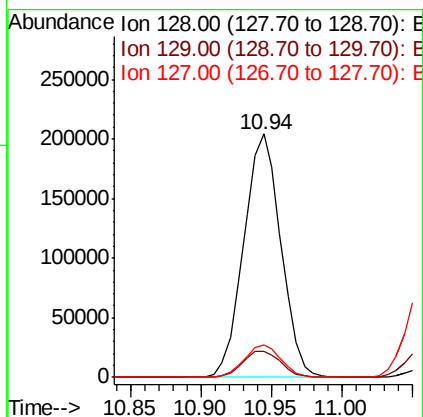
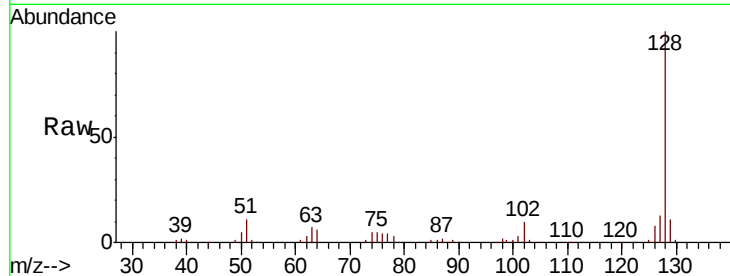




#31
Naphthalene
Concen: 40.117 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

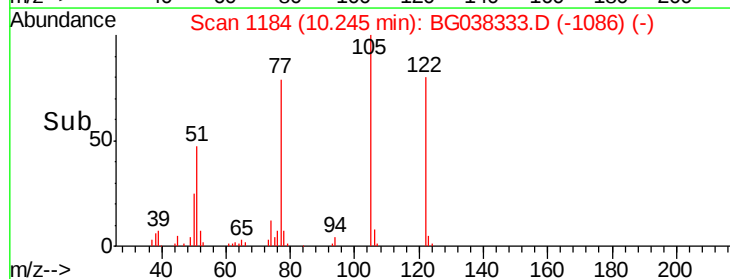
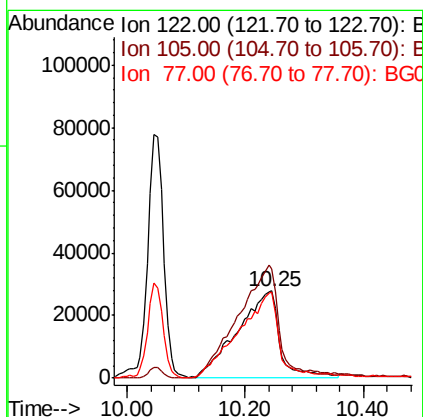
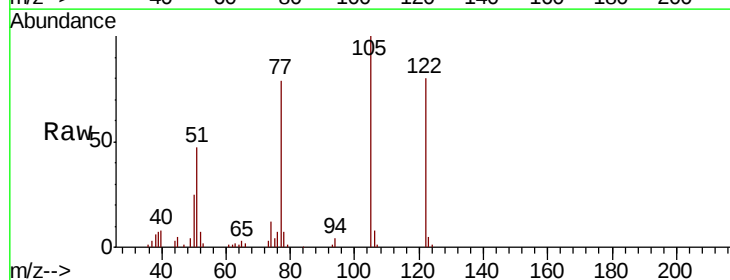
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

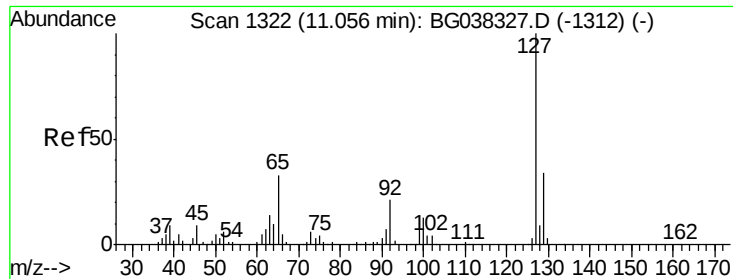
Tgt Ion:128 Resp: 375034
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 69.146 ng
RT: 10.25 min Scan# 1184
Delta R.T. 0.05 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Tgt Ion:122 Resp: 135239
Ion Ratio Lower Upper
122 100
105 124.8 106.7 146.7
77 99.2 72.2 112.2

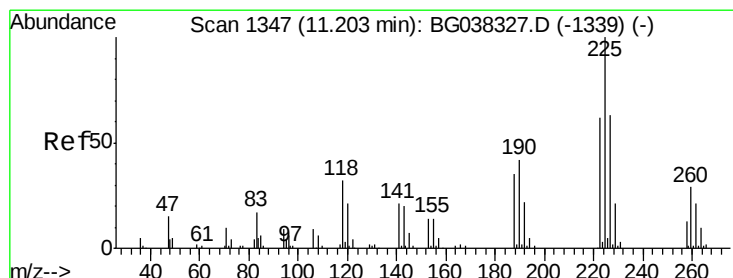
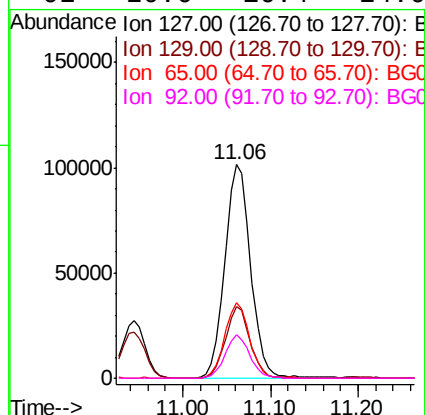
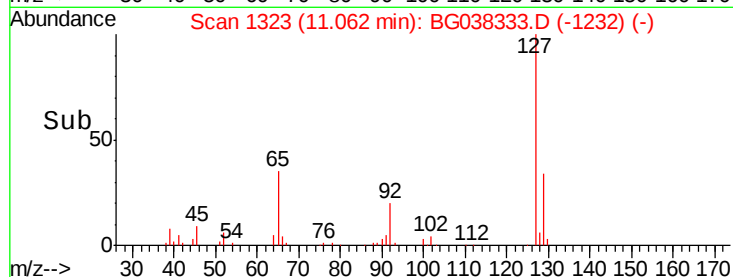
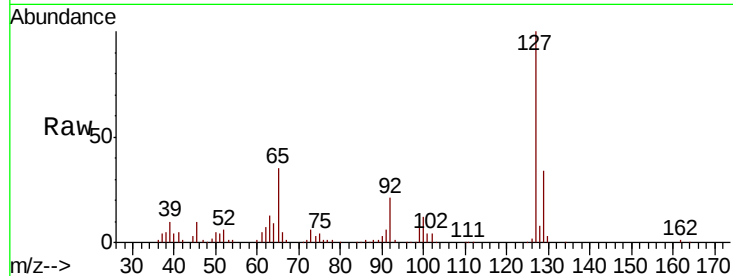




#33
4-Chloroaniline
Concen: 49.833 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

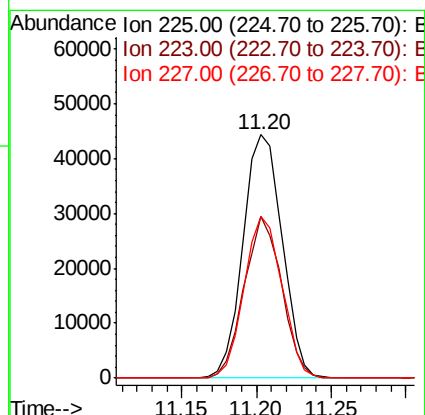
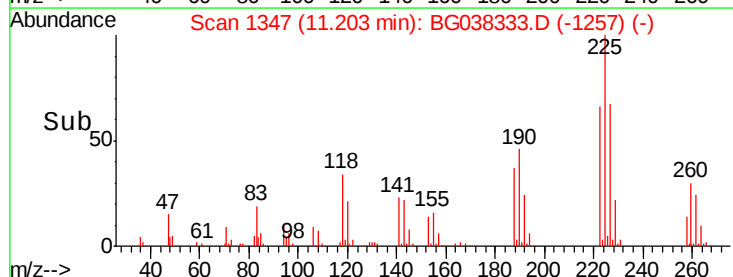
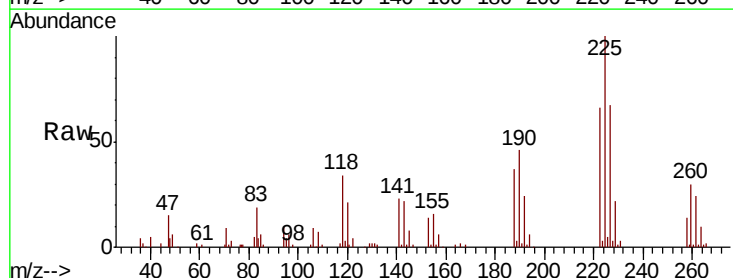
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

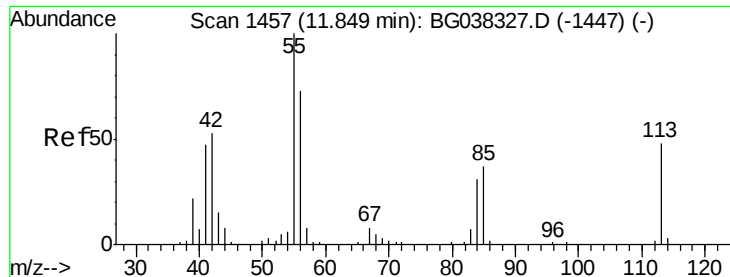
Tgt Ion:	127	Resp:	206232
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.1	40.7
65	35.3	26.6	39.8
92	20.6	16.4	24.6



#34
Hexachlorobutadiene
Concen: 36.064 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Tgt Ion:	225	Resp:	80582
Ion	Ratio	Lower	Upper
225	100		
223	69.3	48.2	72.4
227	69.1	51.6	77.4

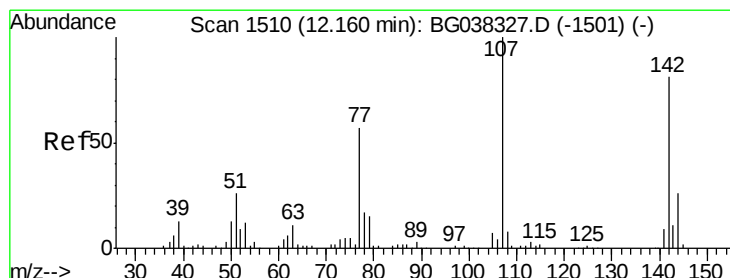
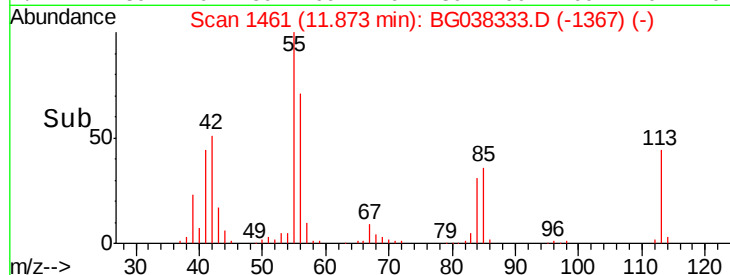
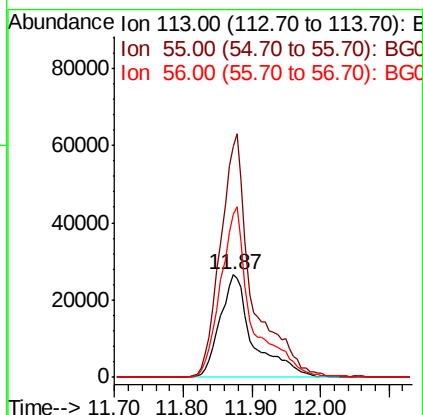
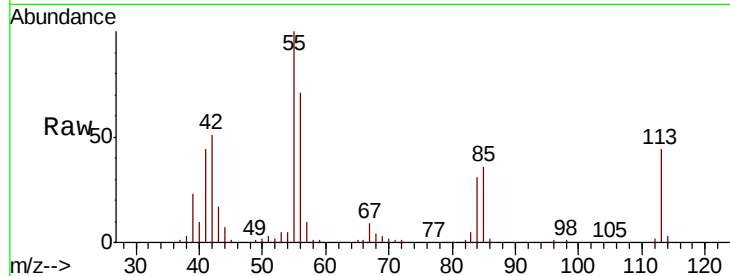




#35
 Caprolactam
 Concen: 70.998 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. 0.02 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

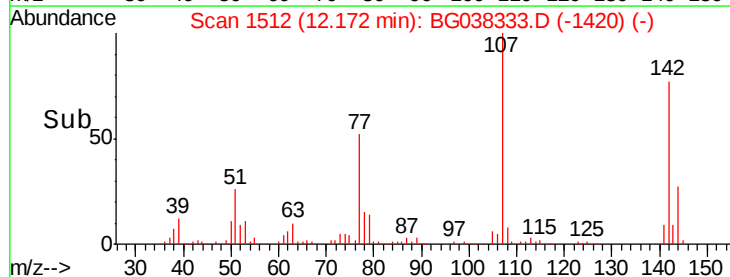
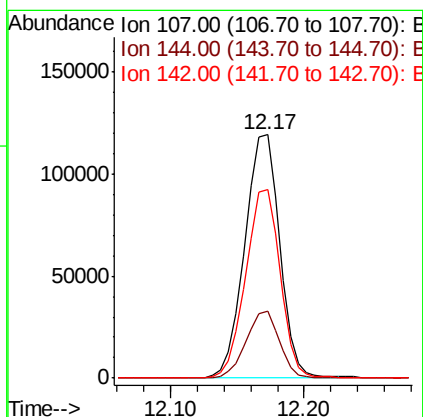
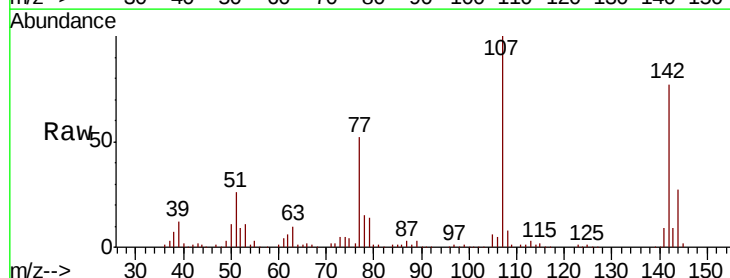
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

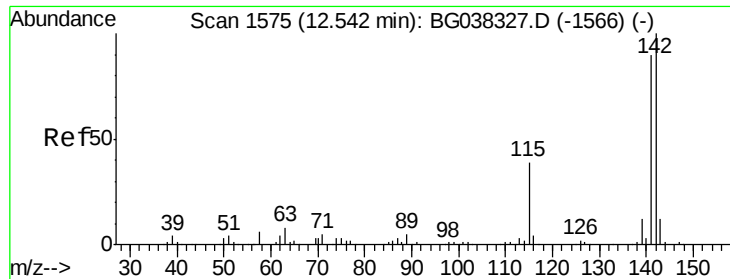
Tgt Ion:113 Resp: 89330
 Ion Ratio Lower Upper
 113 100
 55 225.3 176.6 216.6#
 56 159.3 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 63.718 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion:107 Resp: 215400
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.7 31.1
 142 77.3 64.4 96.6

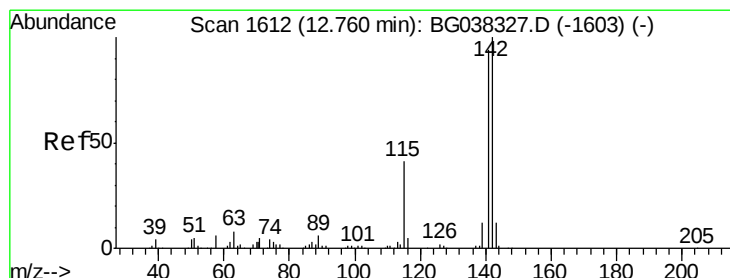
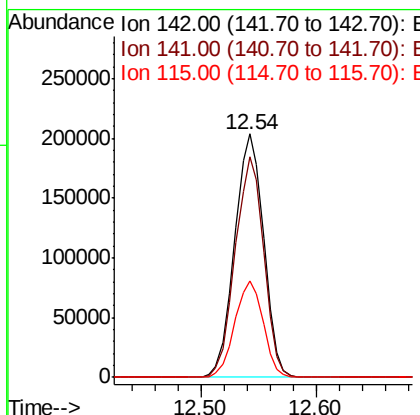
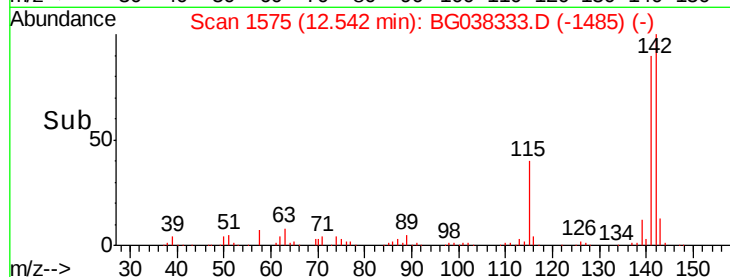
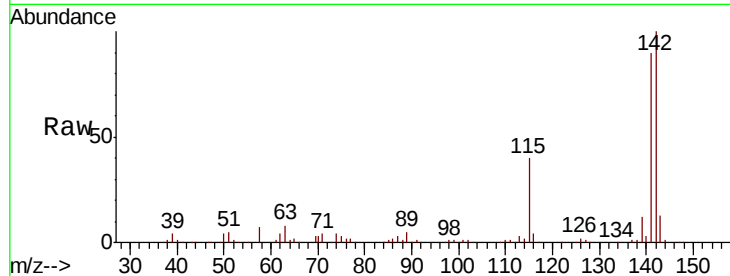




#37
 2-Methylnaphthalene
 Concen: 53.123 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

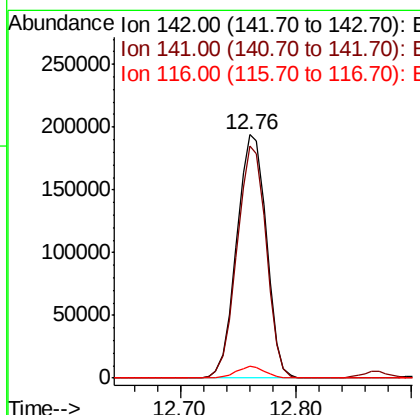
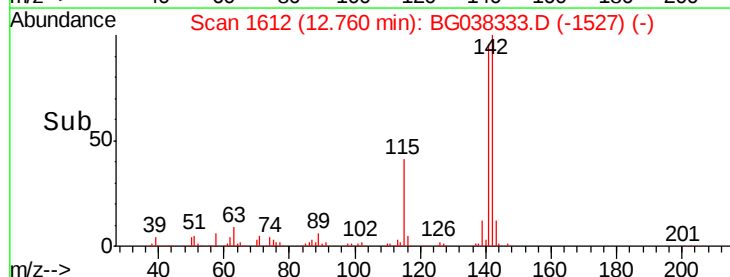
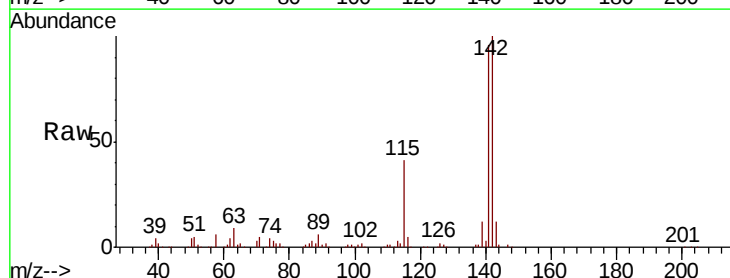
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

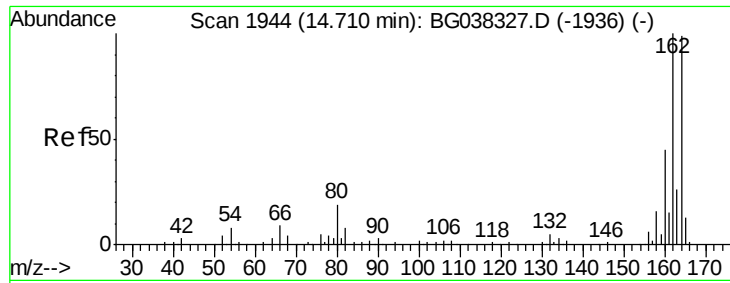
Tgt Ion:142 Resp: 353669
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.9 107.9
 115 39.6 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 54.138 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion:142 Resp: 345210
 Ion Ratio Lower Upper
 142 100
 141 95.5 75.2 112.8
 116 4.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

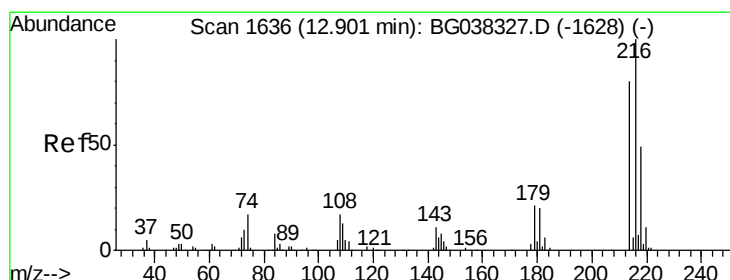
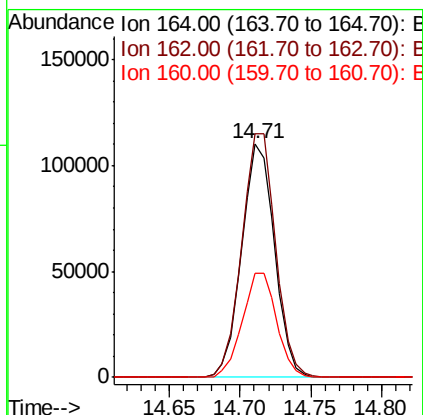
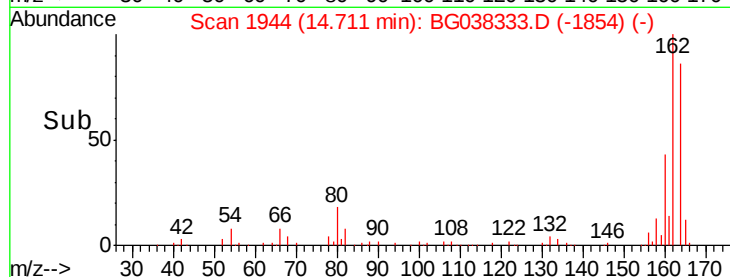
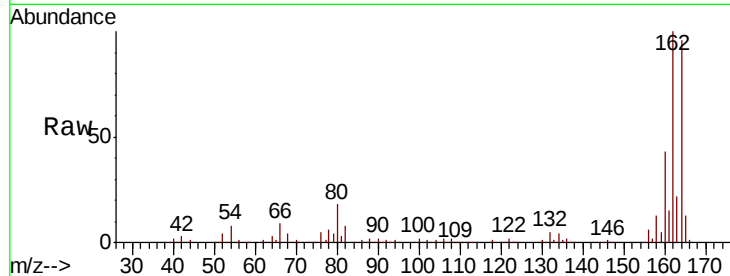
Tgt Ion:164 Resp: 179590

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

160 44.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.956 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Tgt Ion:216 Resp: 228378

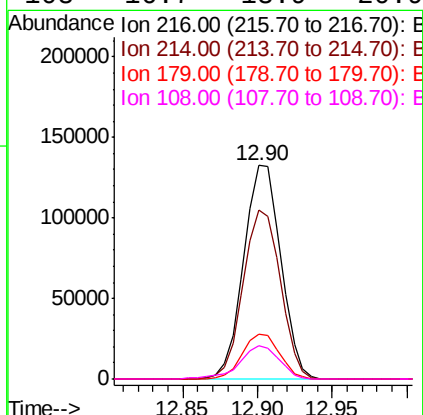
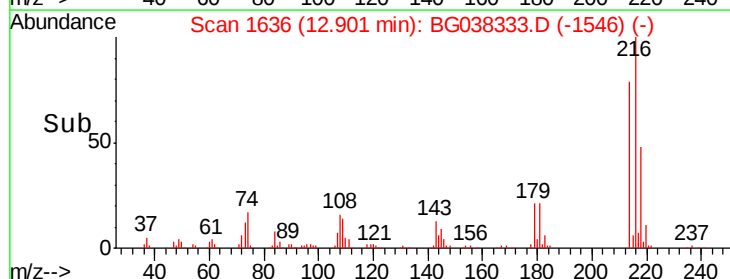
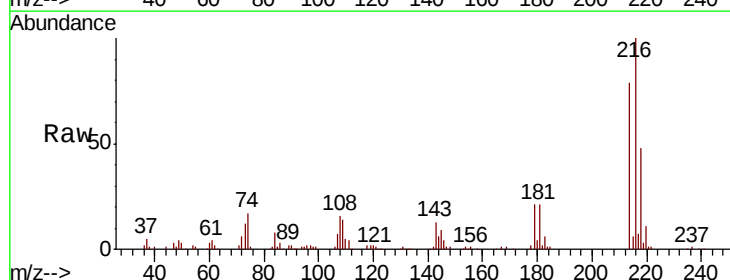
Ion Ratio Lower Upper

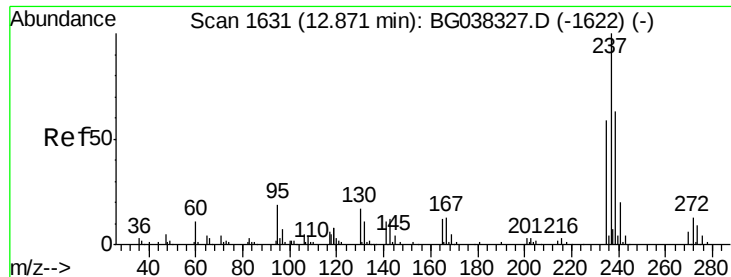
216 100

214 79.3 63.8 95.6

179 20.9 17.4 26.0

108 16.7 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 23.304 ng

RT: 12.87 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

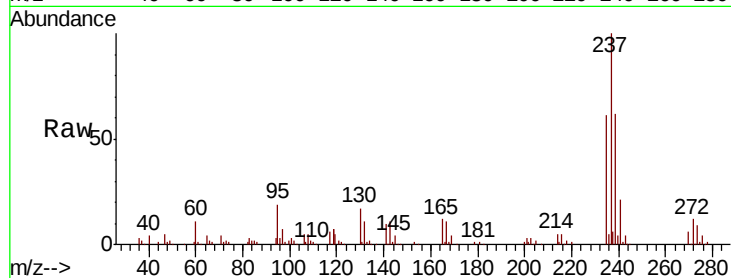
Tgt Ion:237 Resp: 79139

Ion Ratio Lower Upper

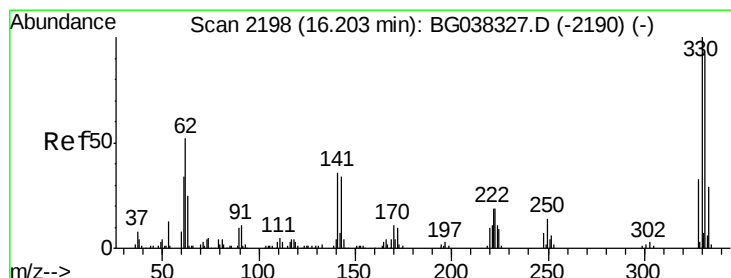
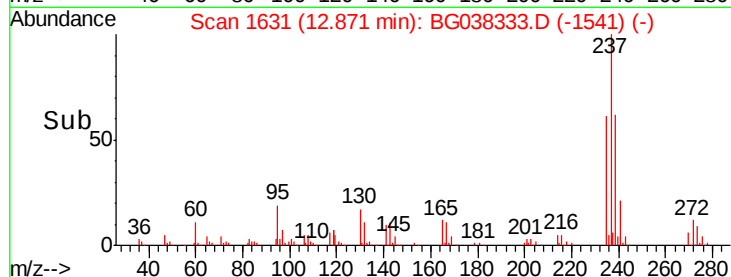
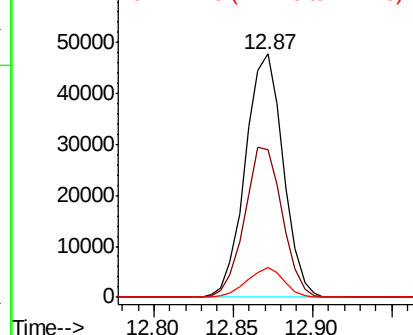
237 100

235 60.8 42.5 82.5

272 12.5 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: 87.147 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

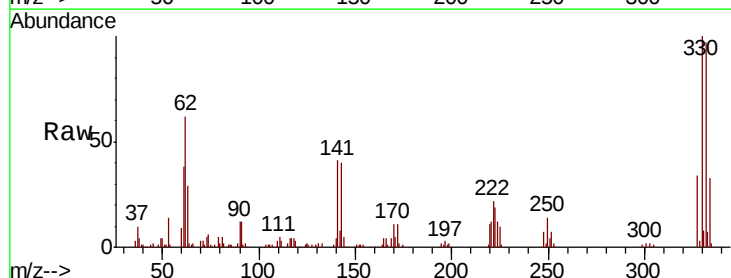
Tgt Ion:330 Resp: 192132

Ion Ratio Lower Upper

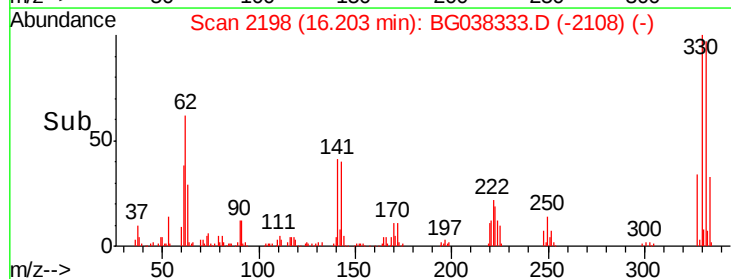
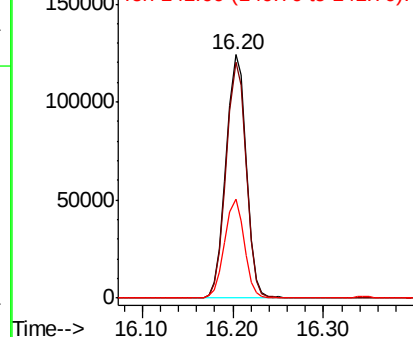
330 100

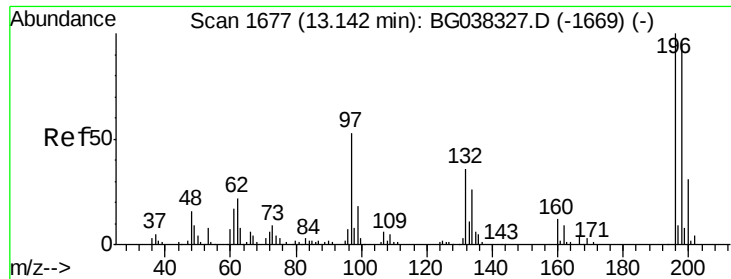
332 96.2 78.4 117.6

141 39.7 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

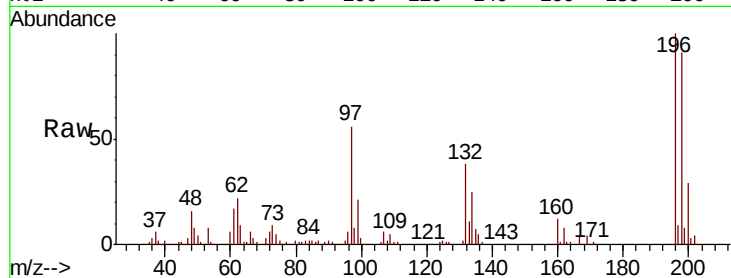




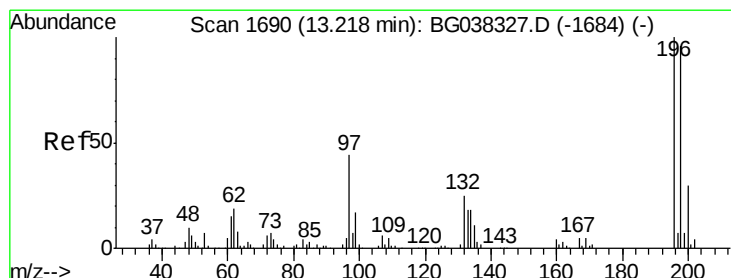
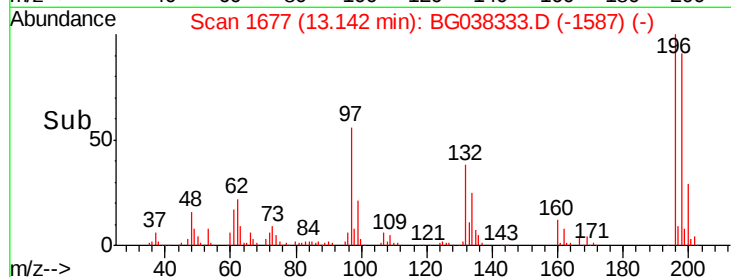
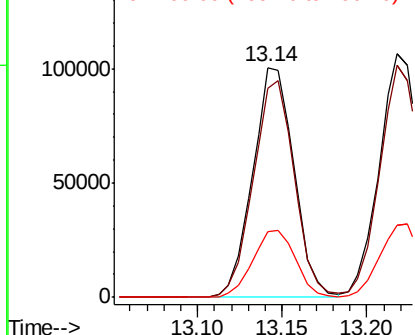
#43
 2,4,6-Trichlorophenol
 Concen: 42.597 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 170520
 Ion Ratio Lower Upper
 196 100
 198 91.2 76.4 114.6
 200 28.7 24.9 37.3



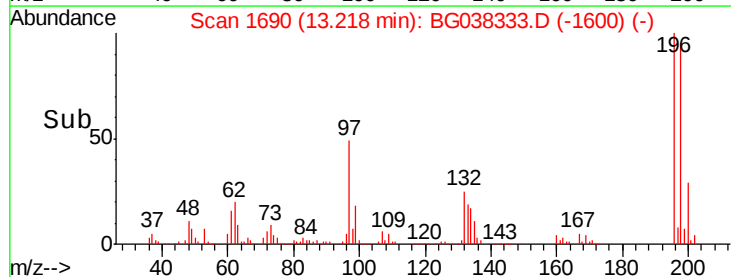
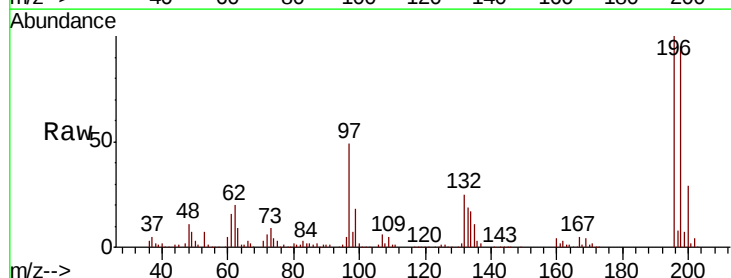
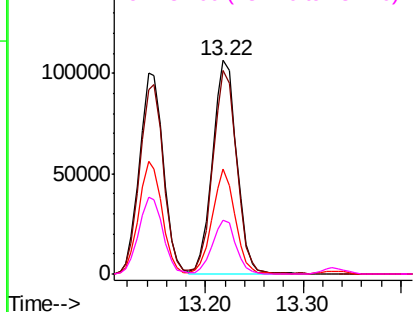
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

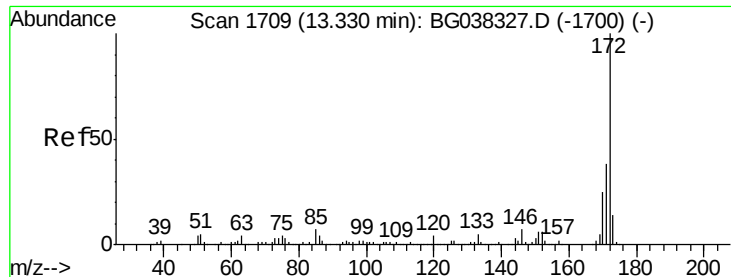


#44
 2,4,5-Trichlorophenol
 Concen: 43.168 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion:196 Resp: 183068
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.2
 97 48.9 34.1 51.1
 132 25.0 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

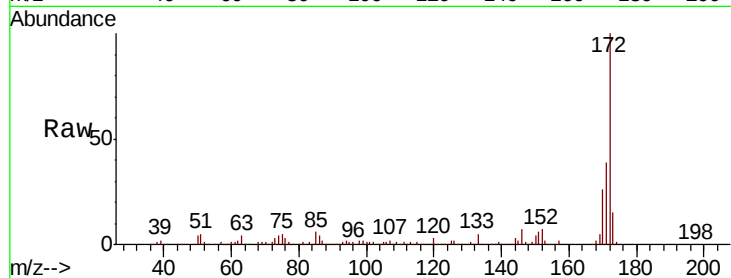




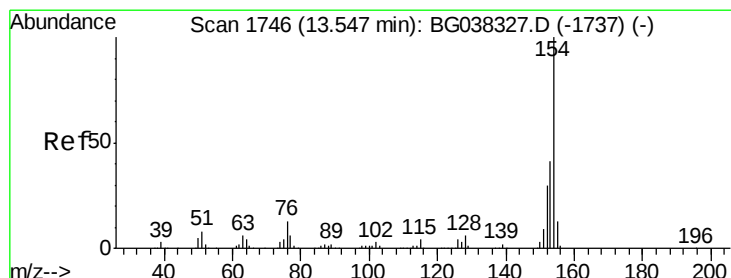
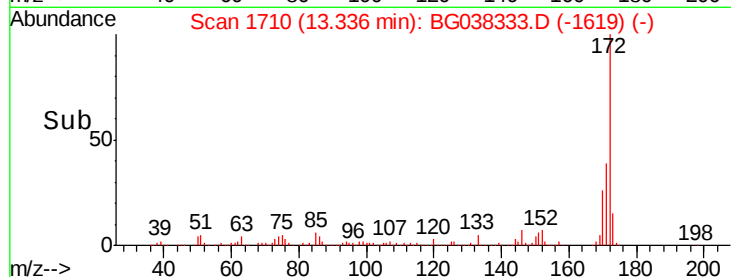
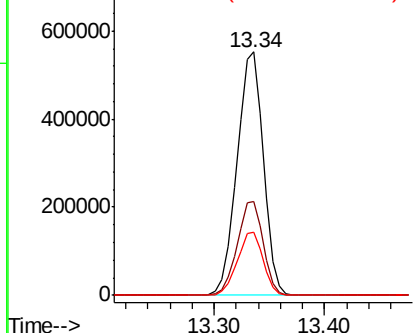
#45
 2-Fluorobiphenyl
 Concen: 73.379 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:172 Resp: 924840
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.0 46.4
 170 26.2 20.2 30.2

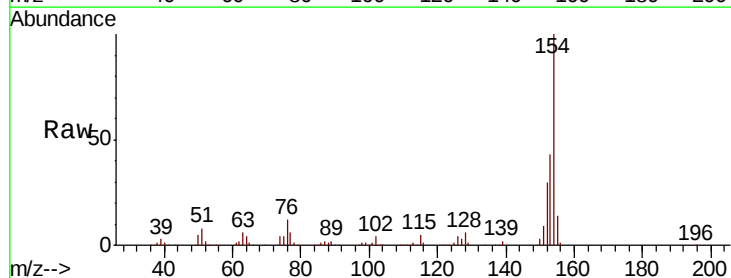


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

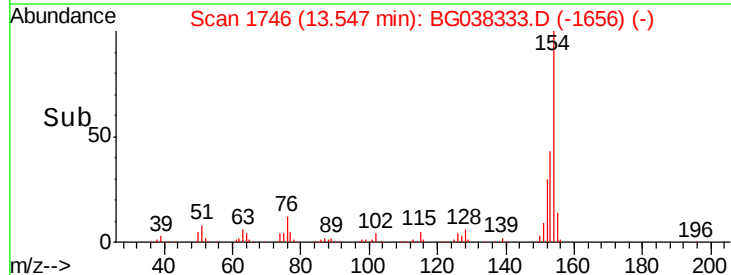
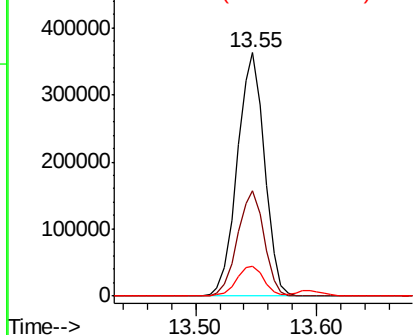


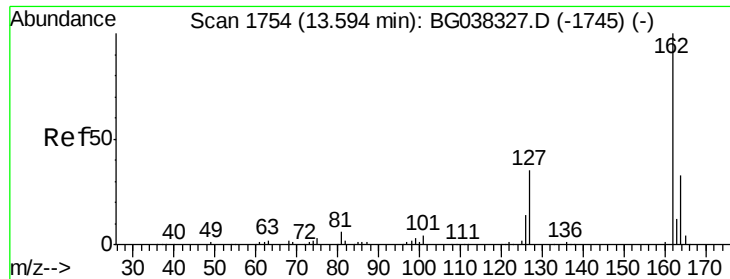
#46
 1,1'-Biphenyl
 Concen: 37.477 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion:154 Resp: 568923
 Ion Ratio Lower Upper
 154 100
 153 43.3 22.1 62.1
 76 12.3 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

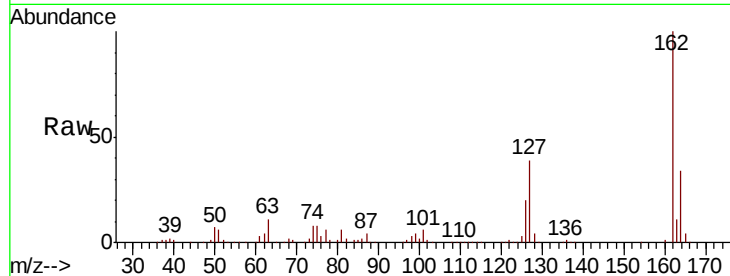




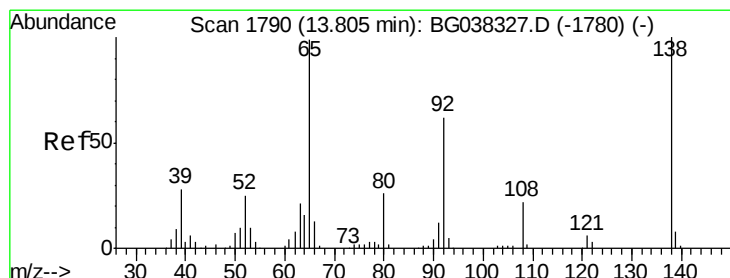
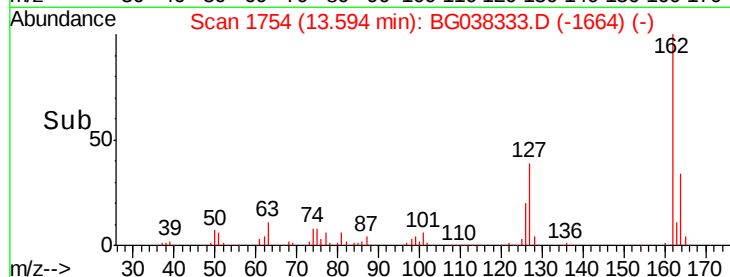
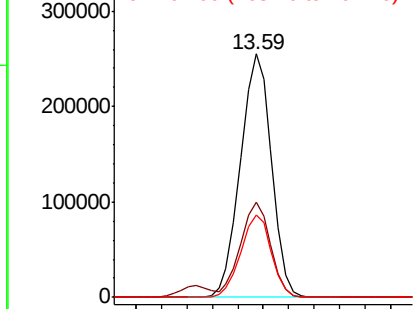
#47
 2-Chloronaphthalene
 Concen: 37.734 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 432252
 Ion Ratio Lower Upper
 162 100
 127 39.1 30.5 45.7
 164 34.0 26.4 39.6

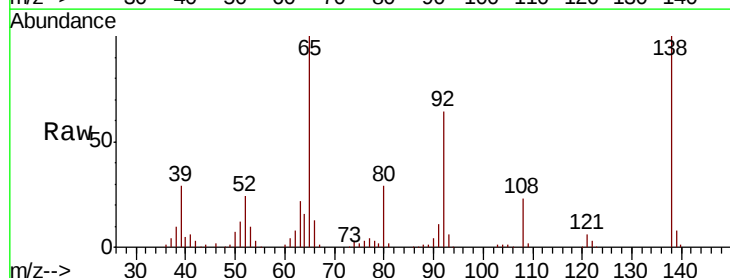


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

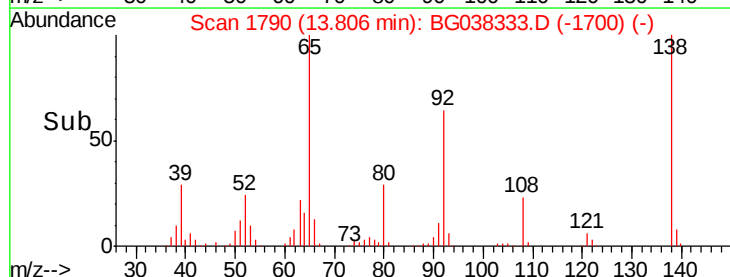
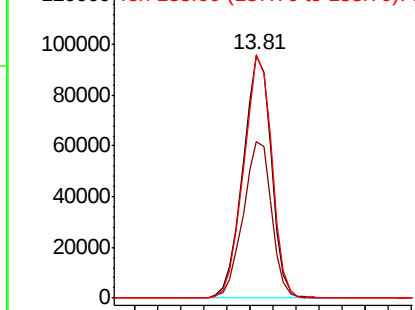


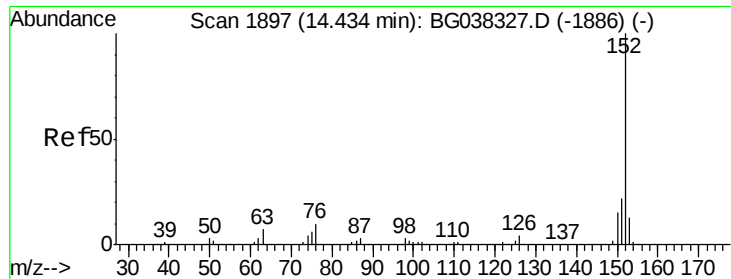
#48
 2-Nitroaniline
 Concen: 42.441 ng
 RT: 13.81 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion: 65 Resp: 163106
 Ion Ratio Lower Upper
 65 100
 92 64.5 53.2 79.8
 138 100.3 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: 37.066 ng

RT: 14.44 min Scan# 1898

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

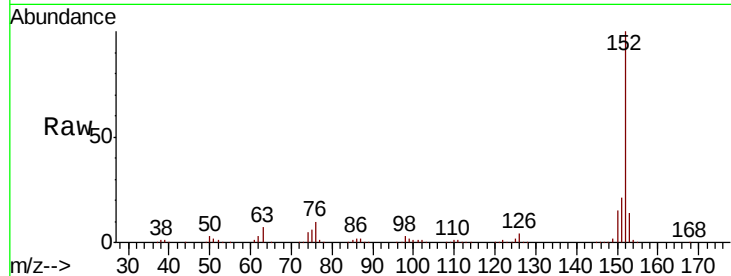
Tgt Ion:152 Resp: 639474

Ion Ratio Lower Upper

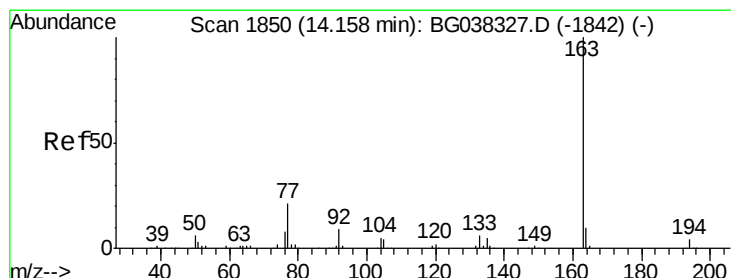
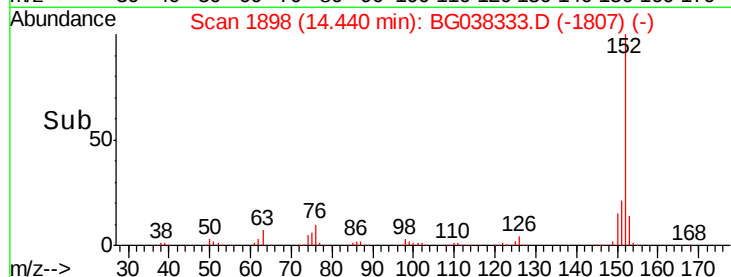
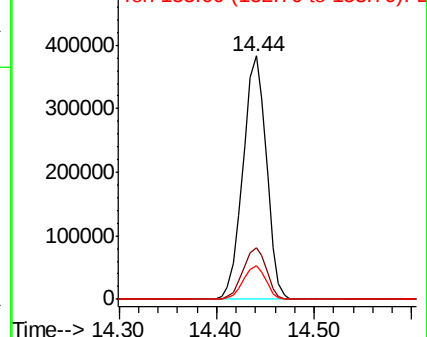
152 100

151 21.2 17.1 25.7

153 13.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.532 ng

RT: 14.17 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

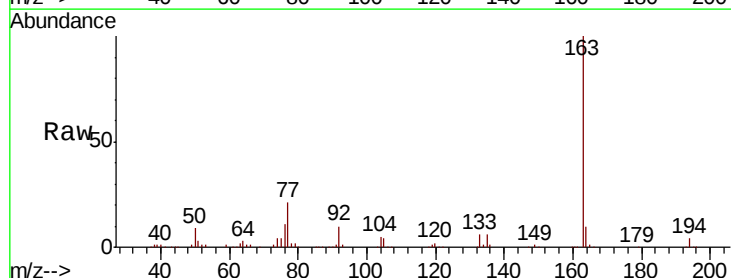
Tgt Ion:163 Resp: 583847

Ion Ratio Lower Upper

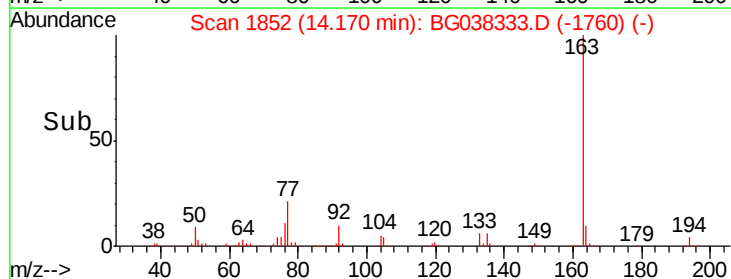
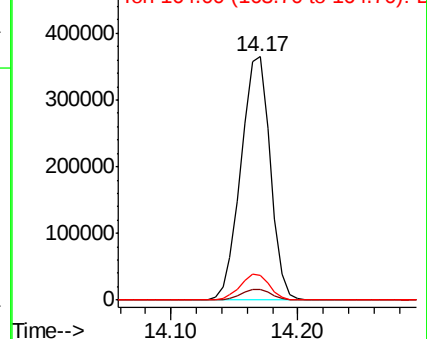
163 100

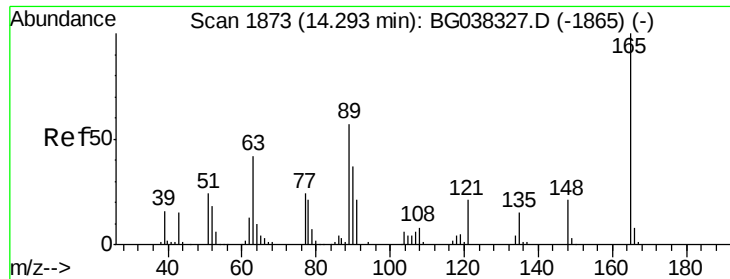
194 4.3 3.5 5.3

164 10.4 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: 41.362 ng

RT: 14.30 min Scan# 1874

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

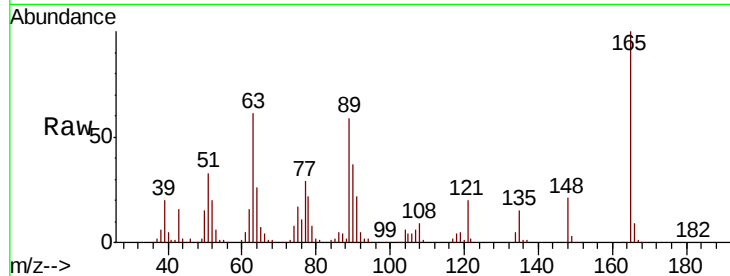
Tgt Ion:165 Resp: 136101

Ion Ratio Lower Upper

165 100

63 60.7 43.4 65.2

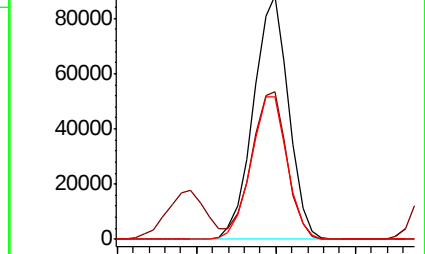
89 58.7 45.8 68.6



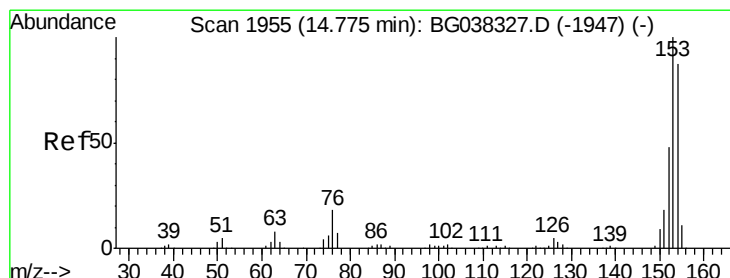
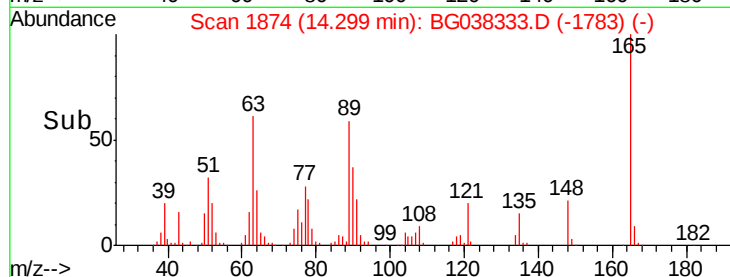
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



Time--> 14.20 14.25 14.30 14.35



#52

Acenaphthene

Concen: 39.020 ng

RT: 14.78 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

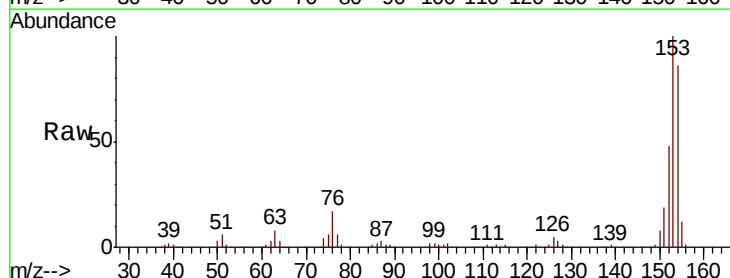
Tgt Ion:154 Resp: 410391

Ion Ratio Lower Upper

154 100

153 115.8 93.4 140.0

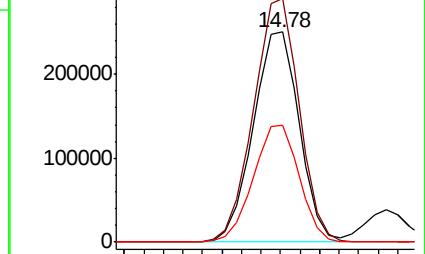
152 55.8 44.7 67.1



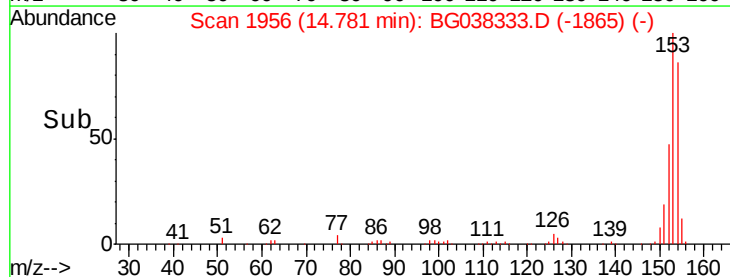
Abundance Ion 154.00 (153.70 to 154.70): E

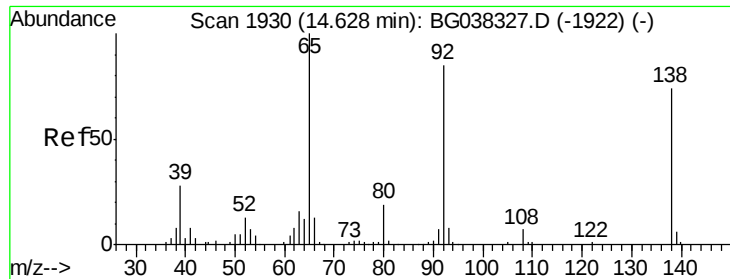
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time--> 14.70 14.75 14.80





#53

3-Nitroaniline

Concen: 40.079 ng

RT: 14.63 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

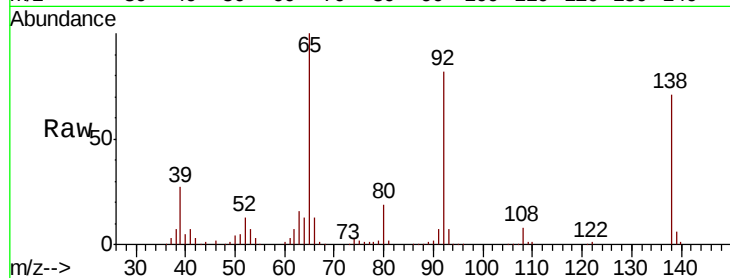
Tgt Ion:138 Resp: 142030

Ion Ratio Lower Upper

138 100

108 10.7 11.0 16.6#

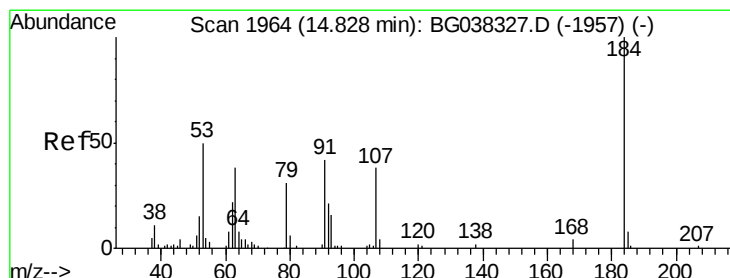
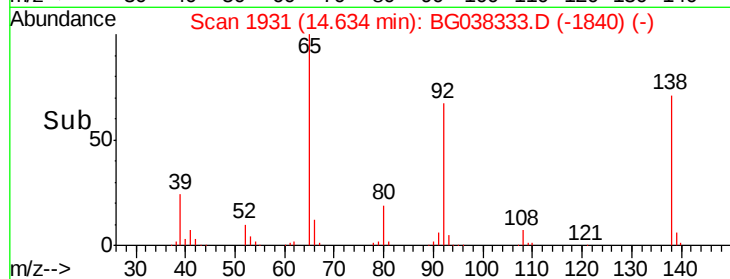
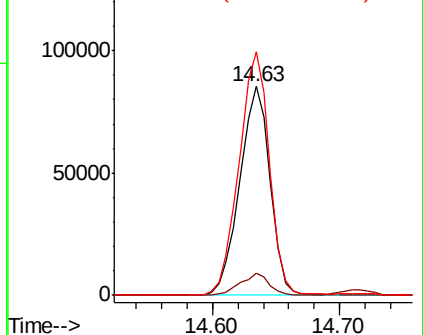
92 116.6 95.2 142.8



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: 53.362 ng

RT: 14.83 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

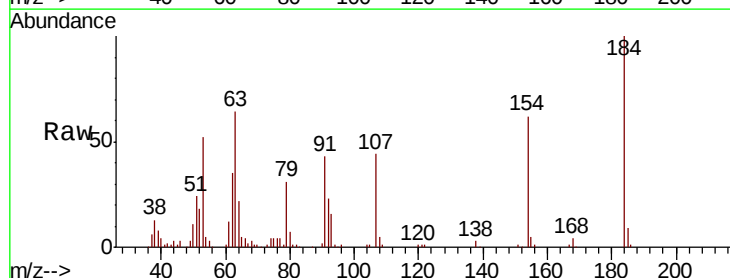
Tgt Ion:184 Resp: 96252

Ion Ratio Lower Upper

184 100

63 63.8 42.6 63.8

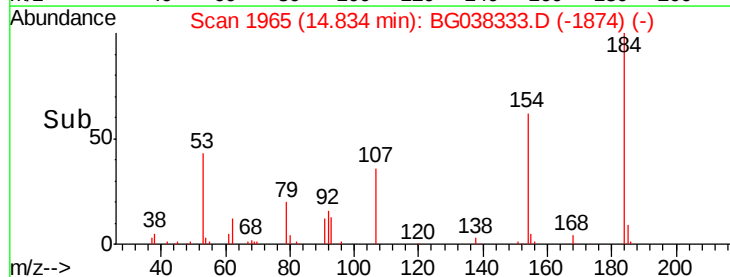
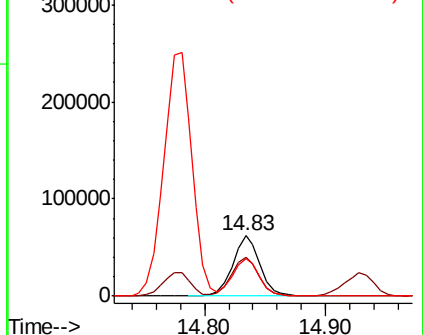
154 61.7 41.8 62.6

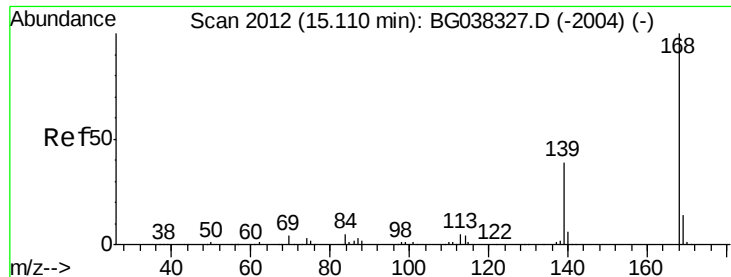


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

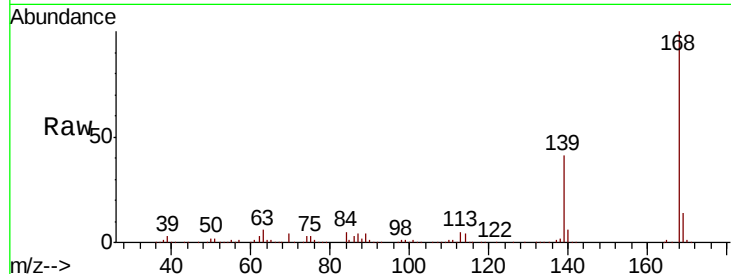




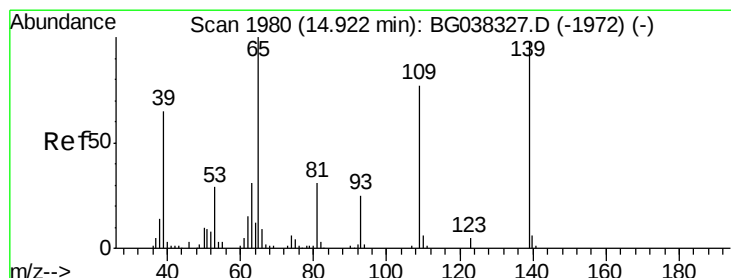
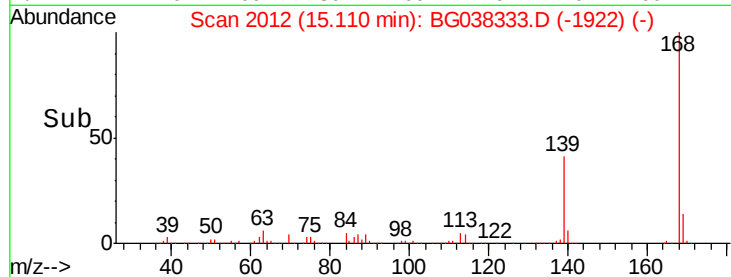
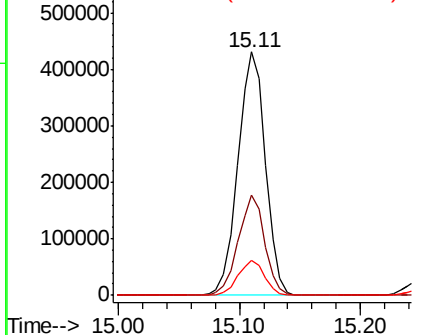
#55
Dibenzenofuran
Concen: 39.242 ng
RT: 15.11 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 682336
Ion Ratio Lower Upper
168 100
139 41.3 29.4 44.0
169 14.5 11.0 16.6

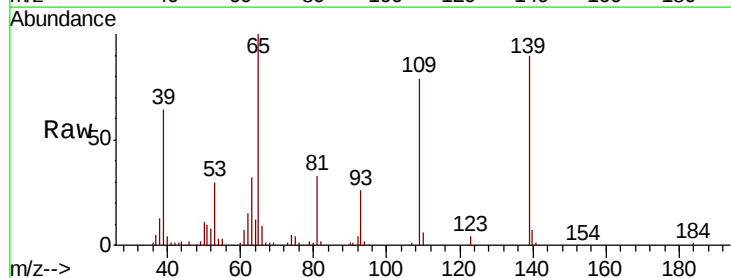


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

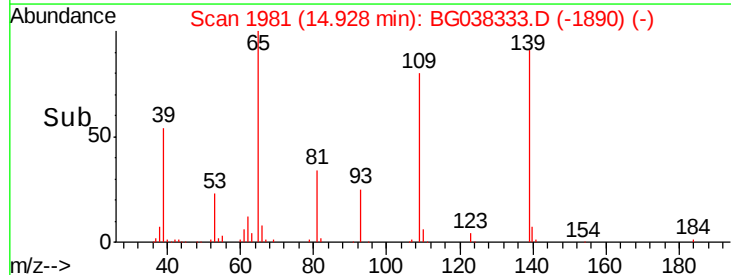
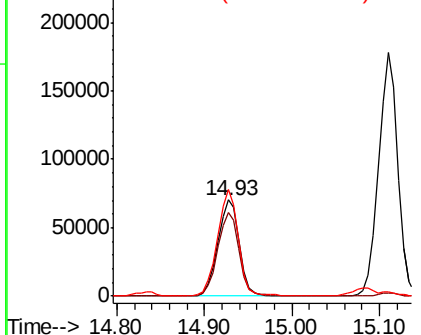


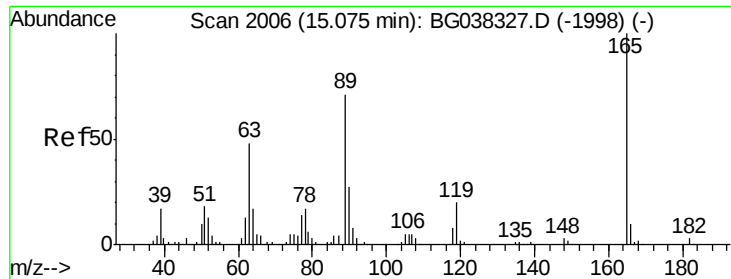
#56
4-Nitrophenol
Concen: 43.294 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Tgt Ion:139 Resp: 121196
Ion Ratio Lower Upper
139 100
109 87.8 49.5 89.5
65 110.9 76.8 116.8



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

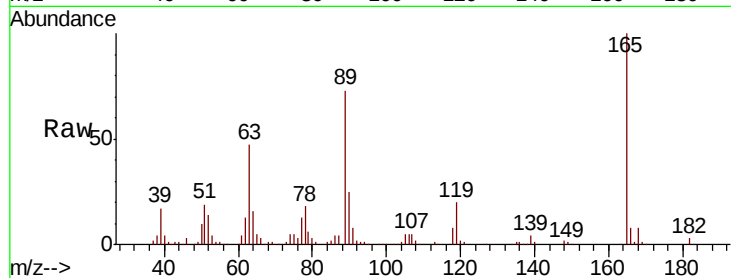




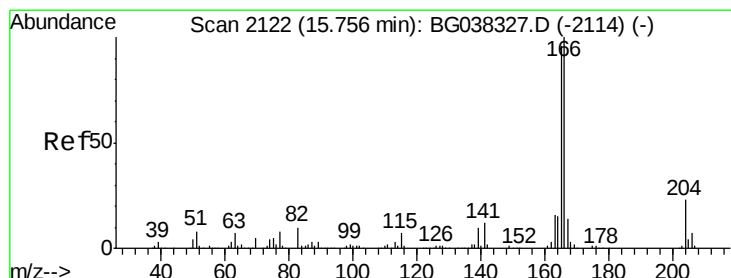
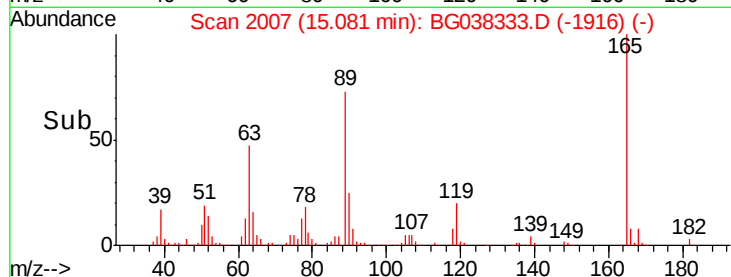
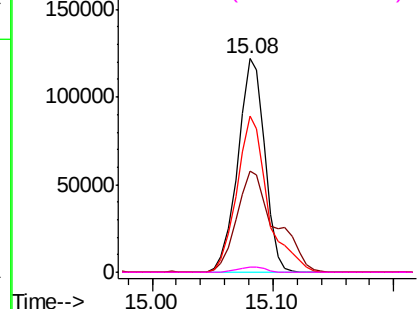
#57
2,4-Dinitrotoluene
Concen: 41.710 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	33.4	50.0
89	72.9	57.2	85.8
182	2.6	2.6	4.0

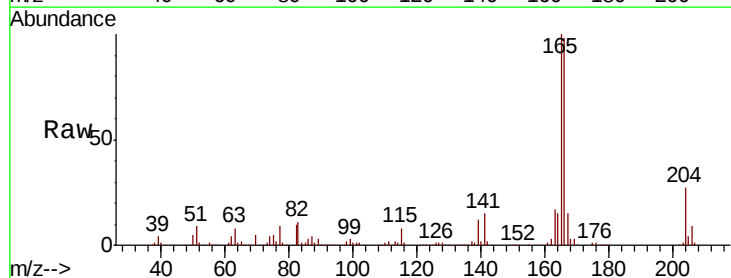


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

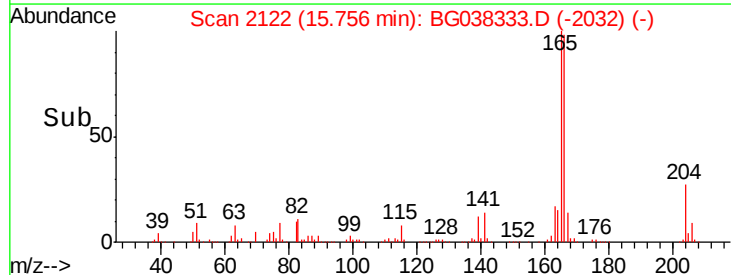
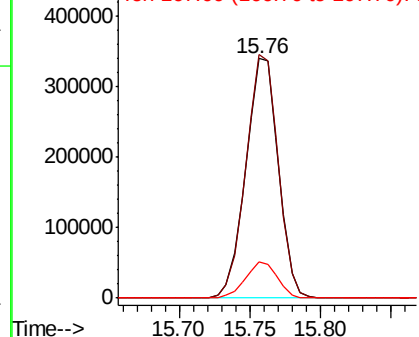


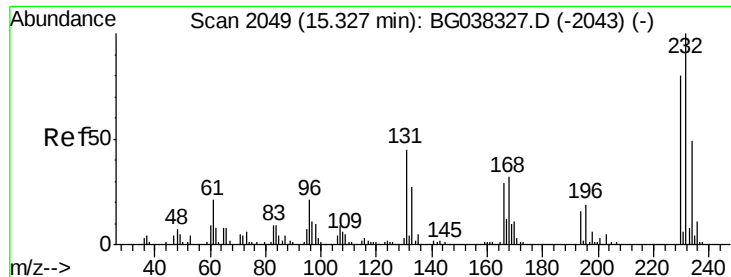
#58
Fluorene
Concen: 42.871 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.0	118.6
167	14.9	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

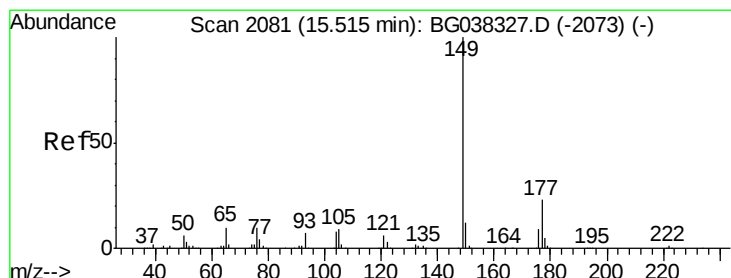
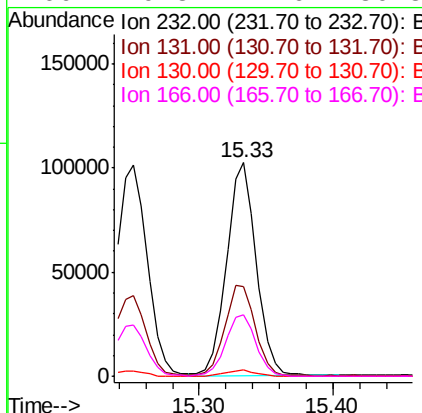
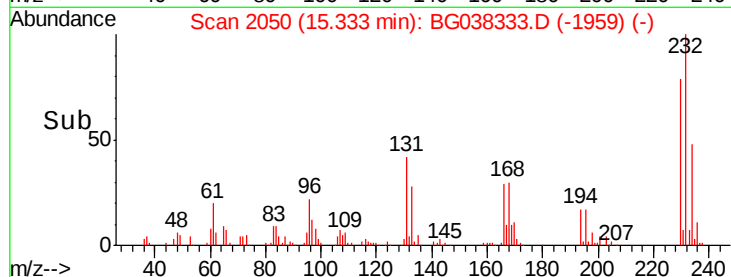
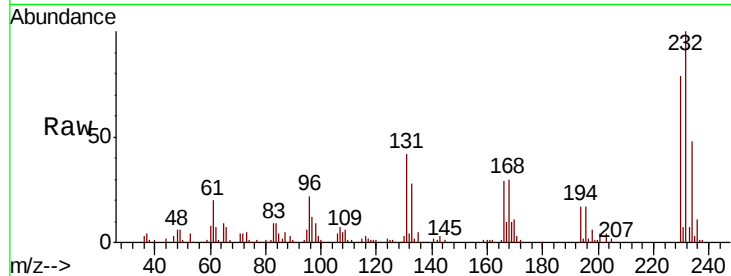




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.080 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

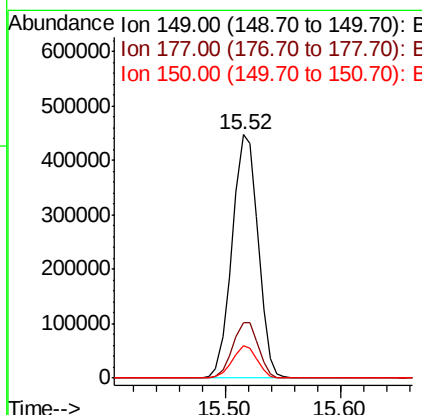
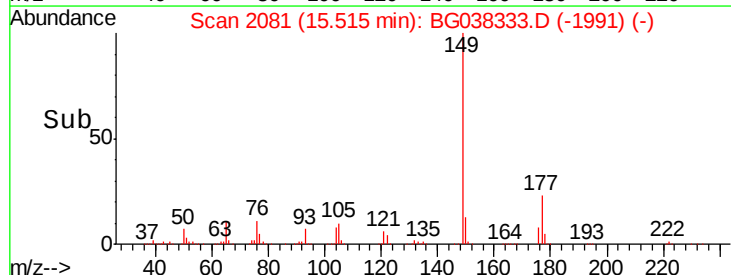
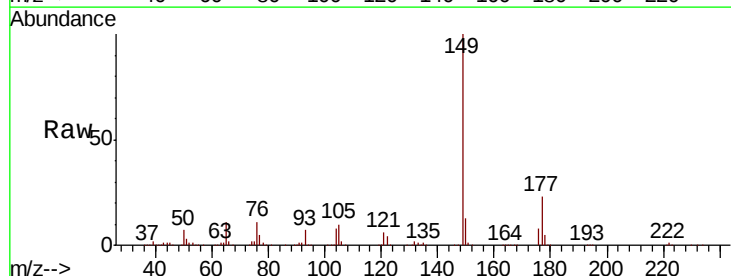
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

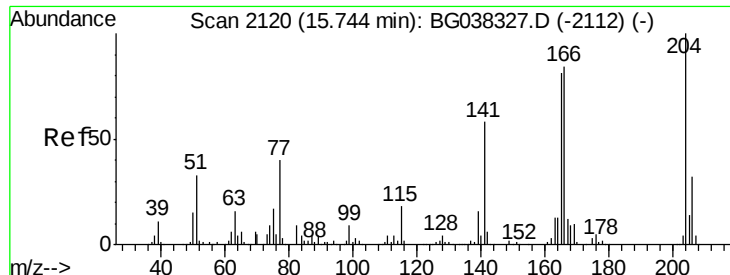
Tgt Ion:232 Resp: 158674
 Ion Ratio Lower Upper
 232 100
 131 43.8 33.7 50.5
 130 2.7 2.1 3.1
 166 29.8 24.6 36.8



#60
 Diethylphthalate
 Concen: 43.615 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion:149 Resp: 696032
 Ion Ratio Lower Upper
 149 100
 177 22.7 18.3 27.5
 150 13.3 10.0 15.0

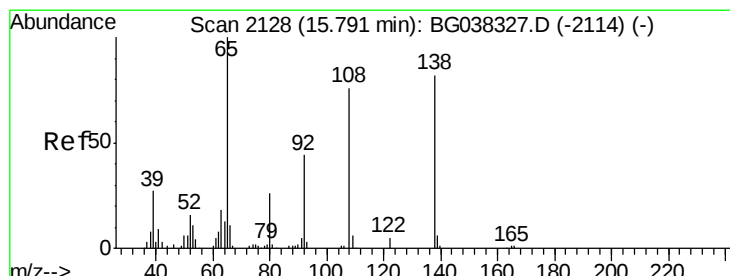
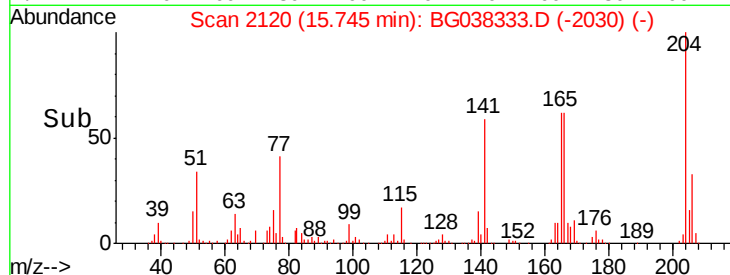
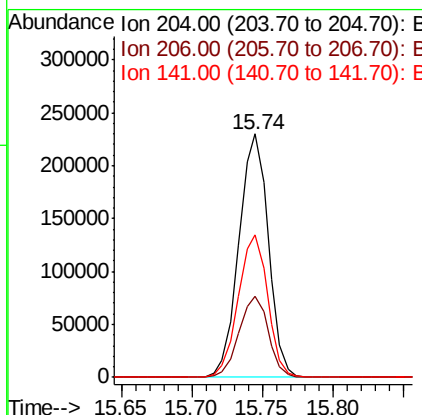
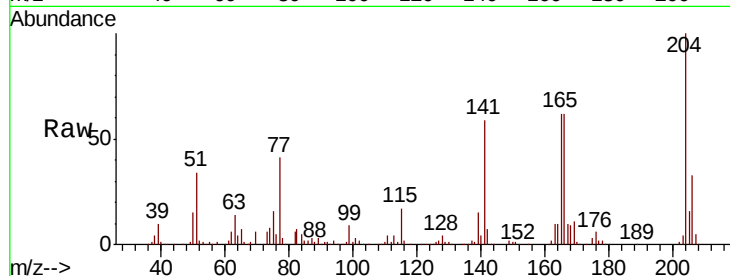




#61
 4-Chlorophenyl-phenylether
 Concen: 43.475 ng
 RT: 15.74 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

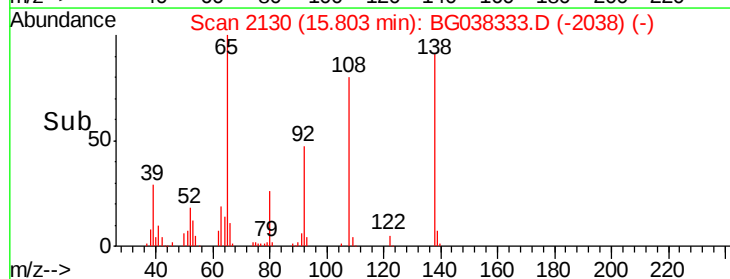
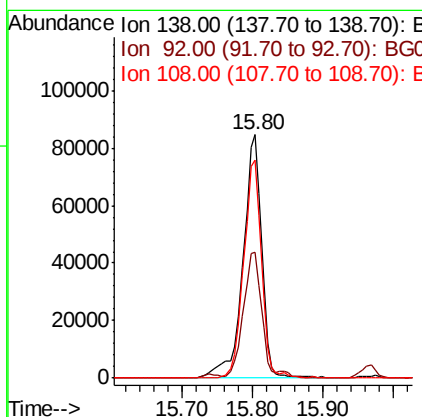
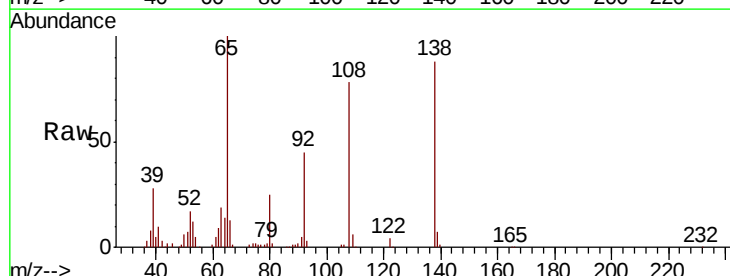
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

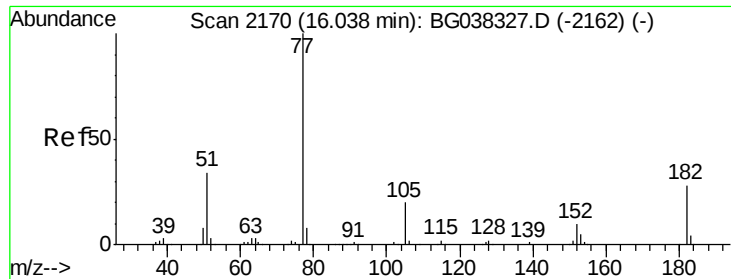
Tgt Ion: 204 Resp: 334518
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 39.8
 141 58.8 45.4 68.2



#62
 4-Nitroaniline
 Concen: 44.847 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. 0.01 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion: 138 Resp: 156314
 Ion Ratio Lower Upper
 138 100
 92 51.5 36.4 76.4
 108 89.4 60.1 100.1





#63

Azobenzene

Concen: 40.448 ng

RT: 16.04 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 564921

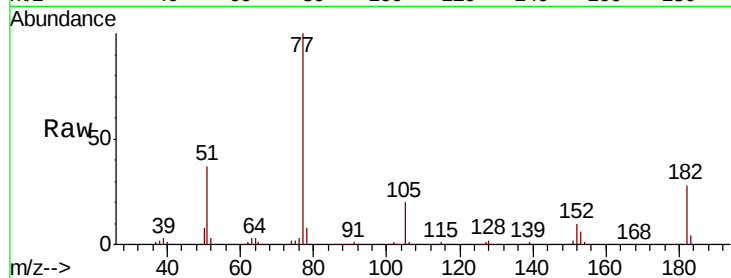
Ion Ratio Lower Upper

77 100

182 28.2 8.0 48.0

105 19.6 1.3 41.3

51 36.7 10.7 50.7

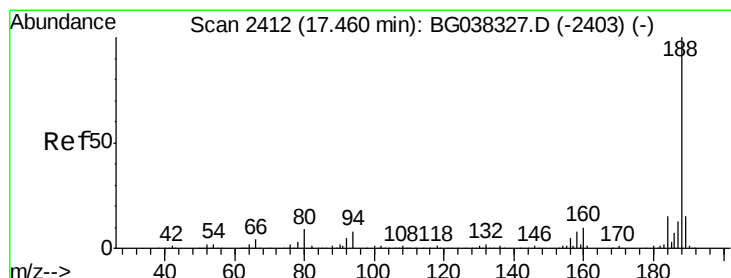
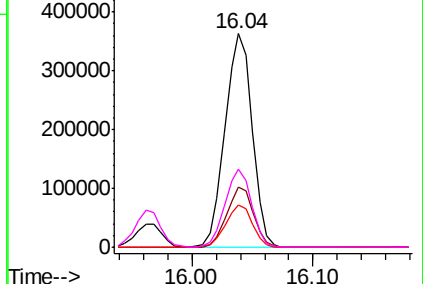
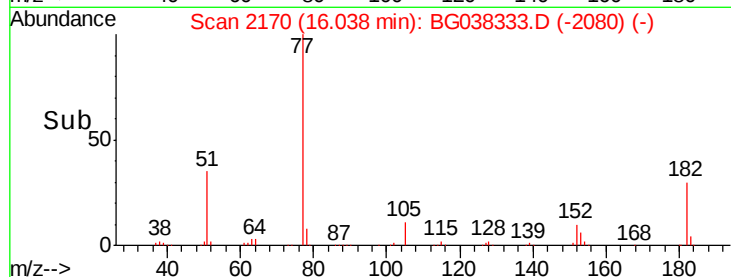


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

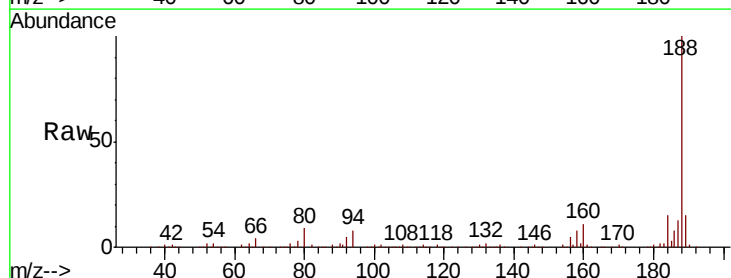
Tgt Ion: 188 Resp: 426876

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

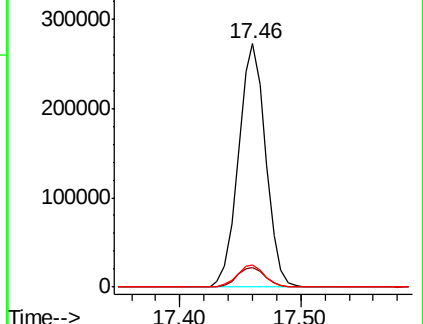
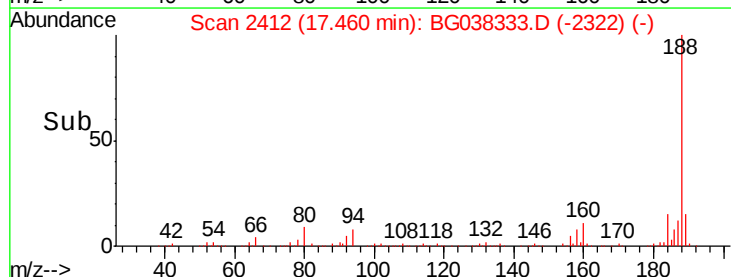
80 9.0 7.7 11.5

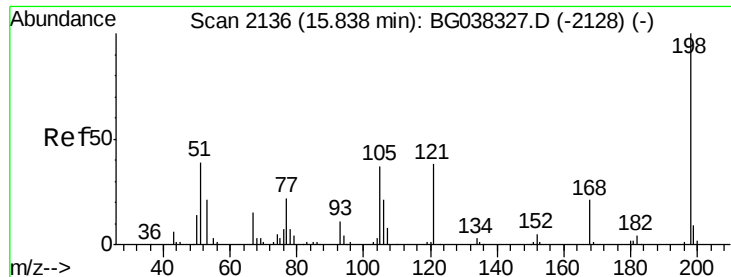


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

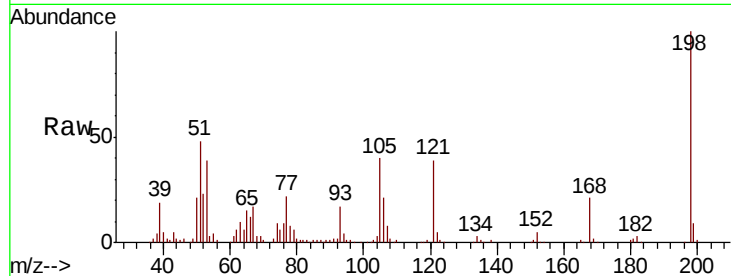




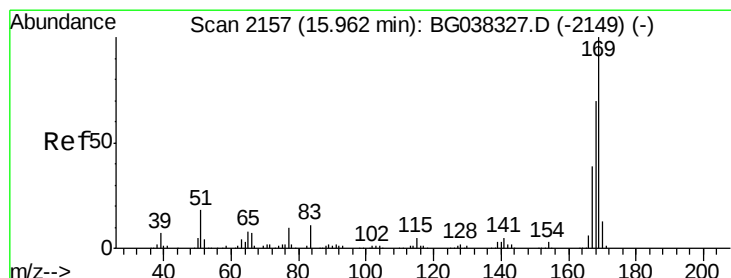
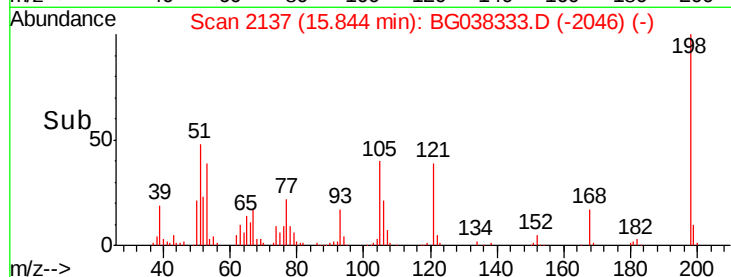
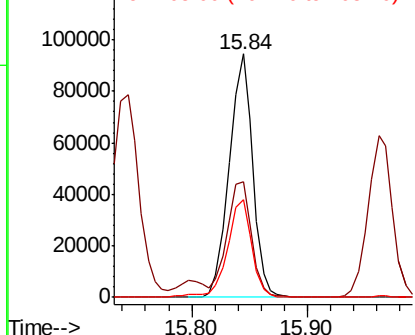
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.437 ng
 RT: 15.84 min Scan# 2137
 Delta R.T. 0.01 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:198 Resp: 132677
 Ion Ratio Lower Upper
 198 100
 51 47.5 22.7 62.7
 105 40.0 19.7 59.7

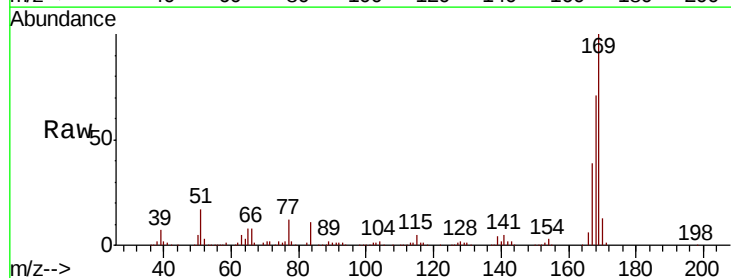


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

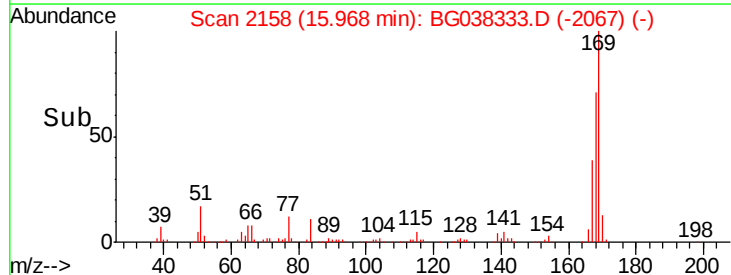
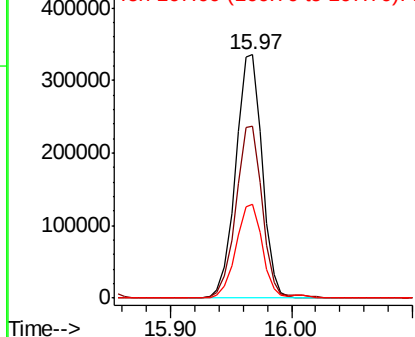


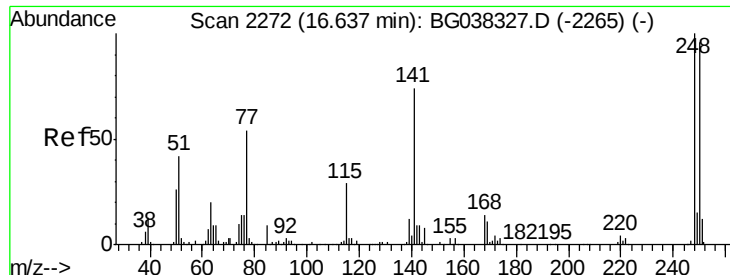
#66
 n-Nitrosodiphenylamine
 Concen: 42.594 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. 0.01 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion:169 Resp: 511289
 Ion Ratio Lower Upper
 169 100
 168 70.6 55.7 83.5
 167 38.8 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

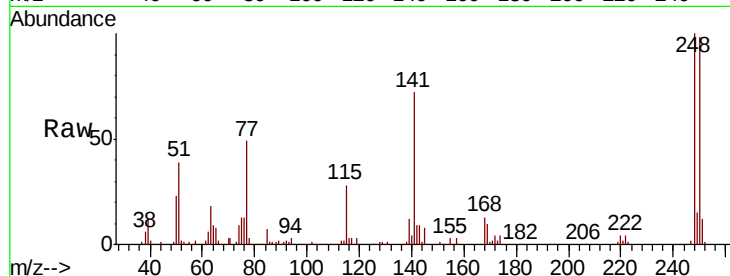




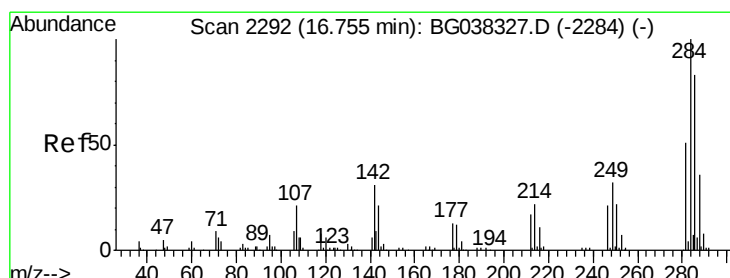
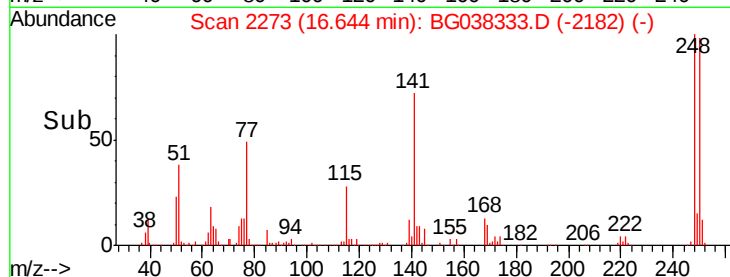
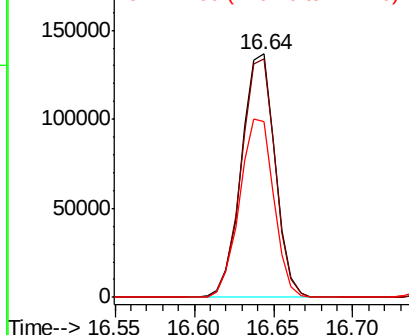
#67
 4-Bromophenyl-phenylether
 Concen: 43.643 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 248 Resp: 201185
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.0 115.6
 141 72.0 55.5 83.3

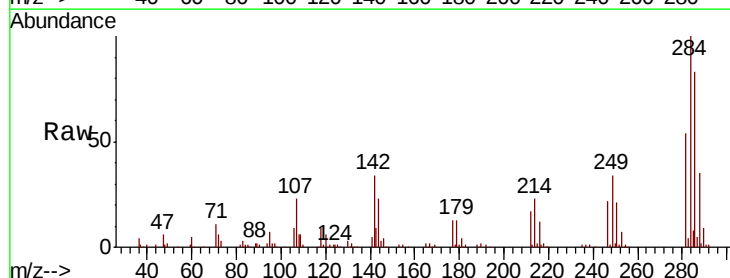


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

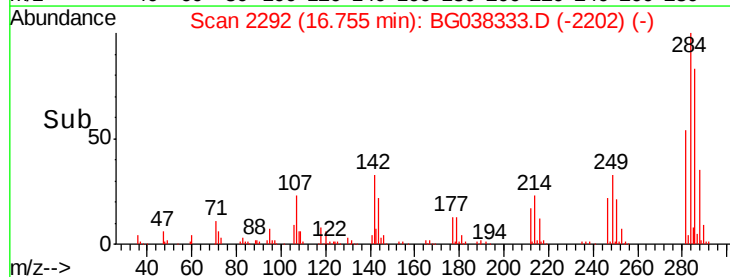
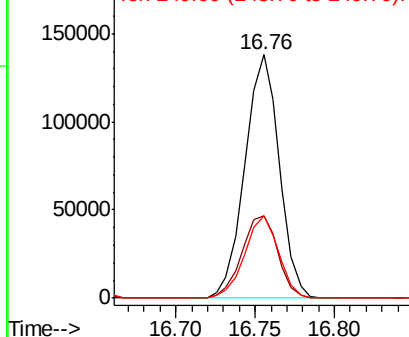


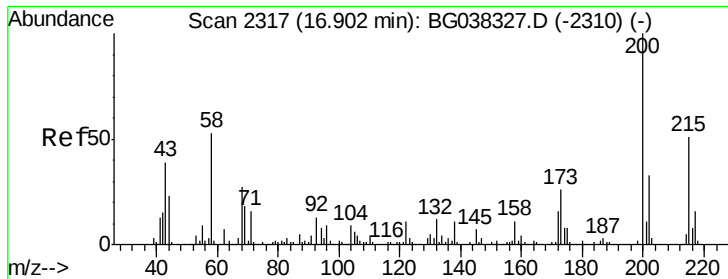
#68
 Hexachlorobenzene
 Concen: 43.653 ng
 RT: 16.76 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion: 284 Resp: 207565
 Ion Ratio Lower Upper
 284 100
 142 33.8 28.1 42.1
 249 35.9 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: 22.210 ng

RT: 16.90 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

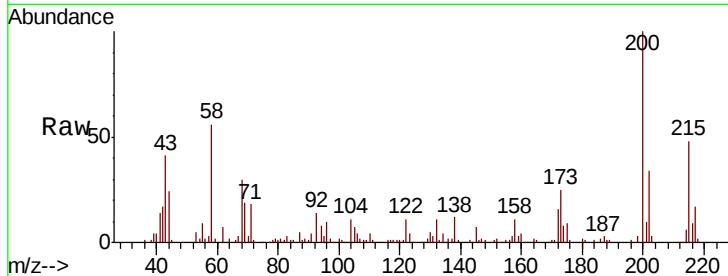
Tgt Ion:200 Resp: 99483

Ion Ratio Lower Upper

200 100

173 25.1 6.1 46.1

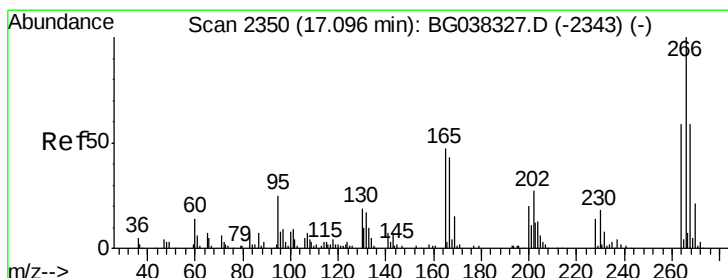
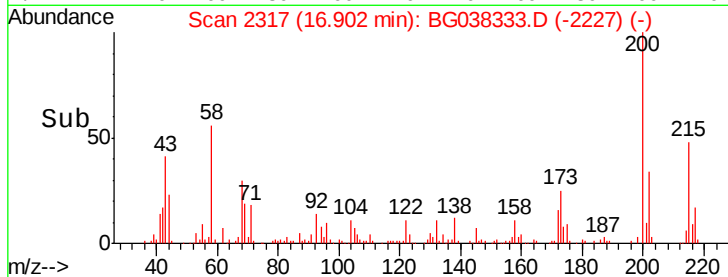
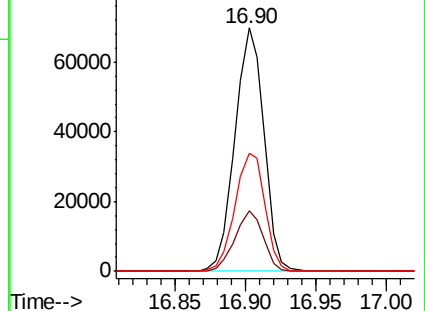
215 48.4 30.8 70.8



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: 47.021 ng

RT: 17.10 min Scan# 2351

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

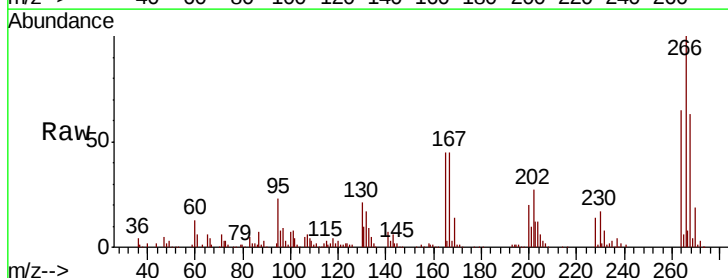
Tgt Ion:266 Resp: 153138

Ion Ratio Lower Upper

266 100

268 67.5 55.0 82.6

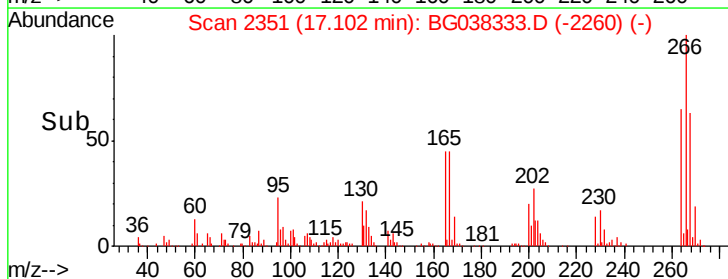
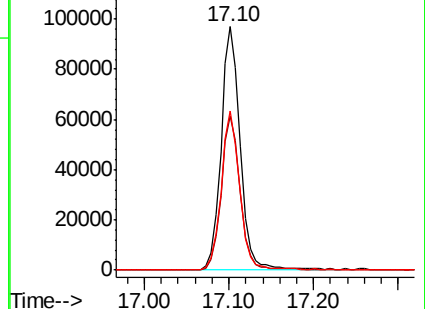
264 70.8 58.9 88.3

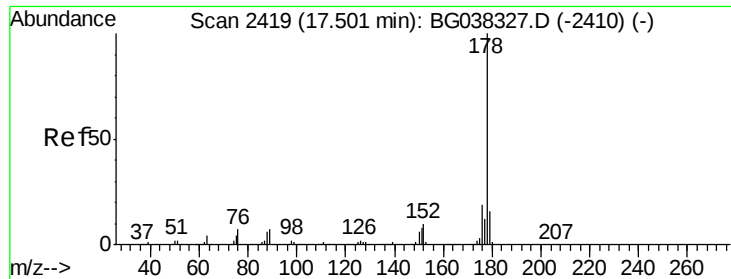


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

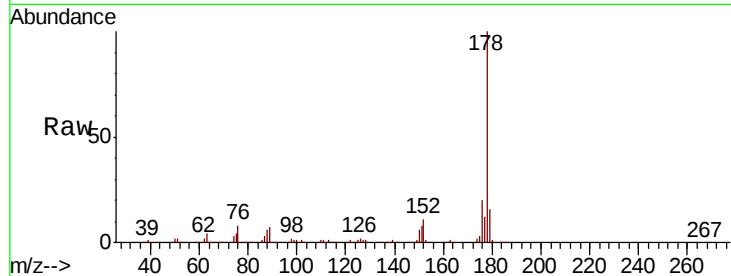




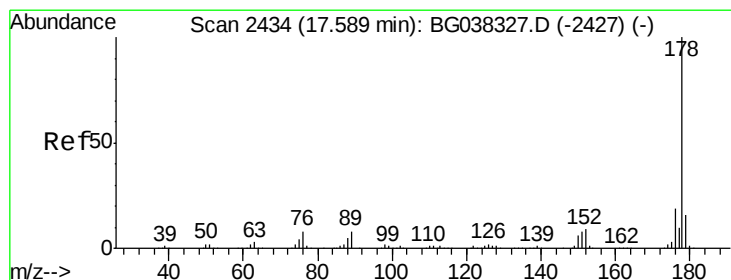
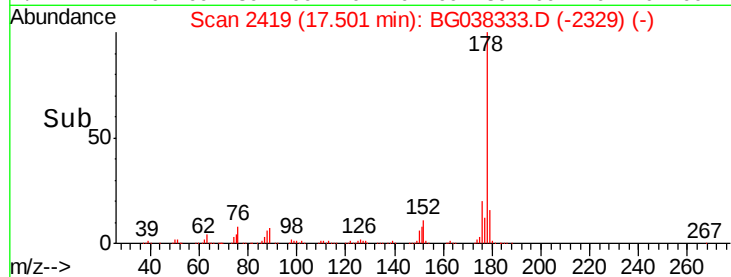
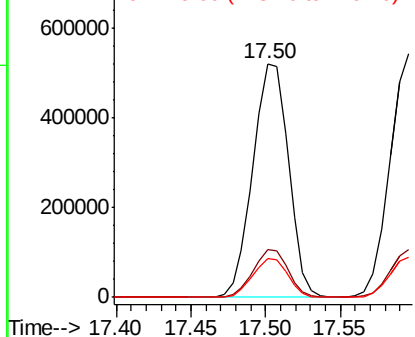
#71
Phenanthrene
Concen: 40.333 ng
RT: 17.50 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 862219
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.4 13.0 19.4

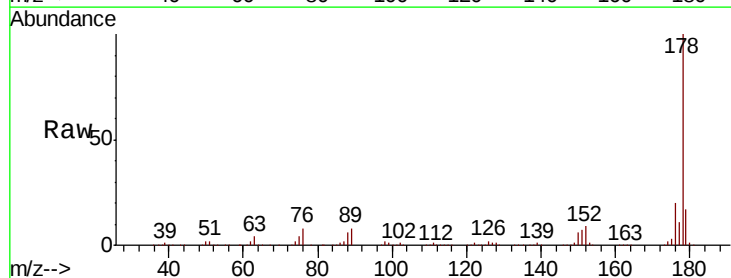


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

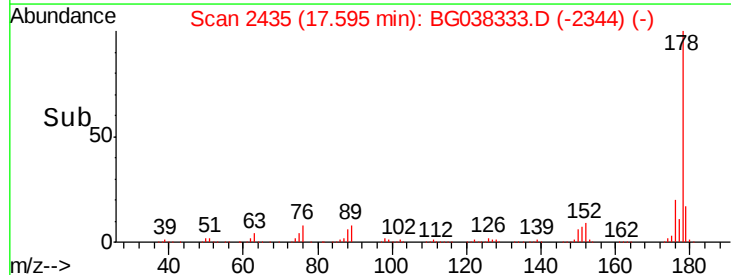
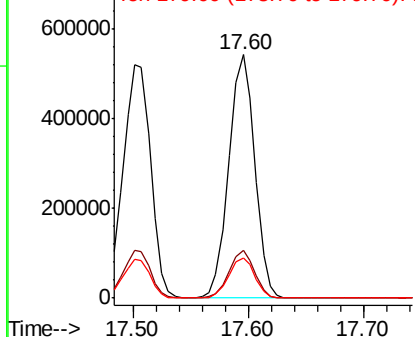


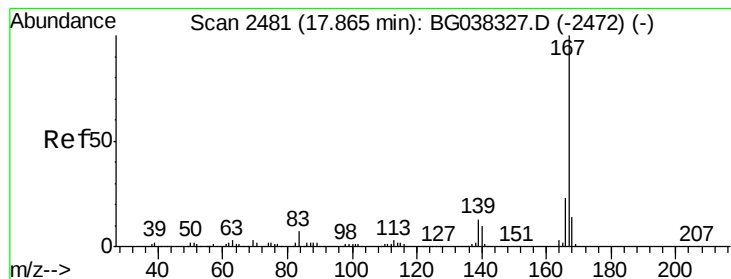
#72
Anthracene
Concen: 40.855 ng
RT: 17.60 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Tgt Ion:178 Resp: 845781
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 16.6 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: 41.279 ng

RT: 17.87 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

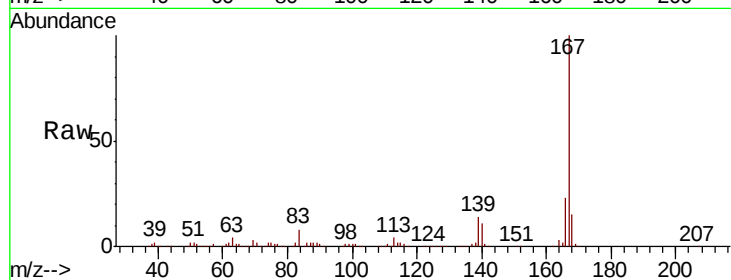
Tgt Ion:167 Resp: 848154

Ion Ratio Lower Upper

167 100

166 23.4 18.3 27.5

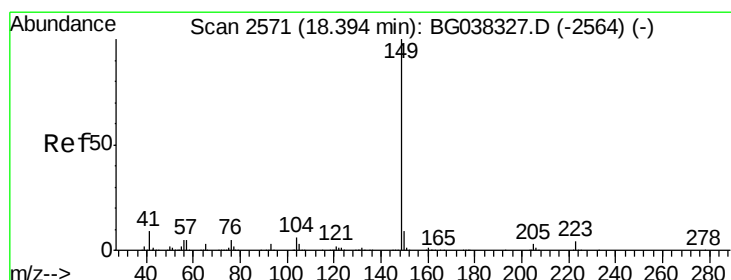
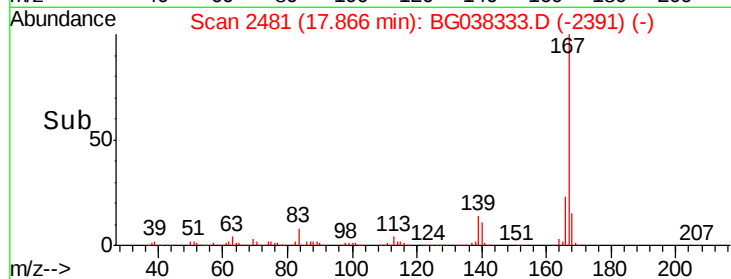
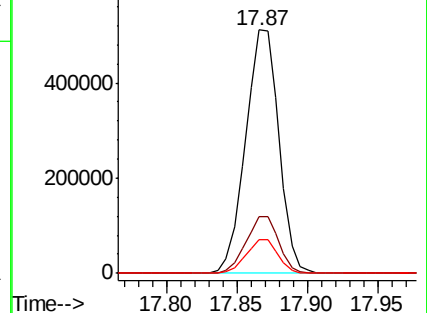
139 13.7 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.308 ng

RT: 18.40 min Scan# 2572

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

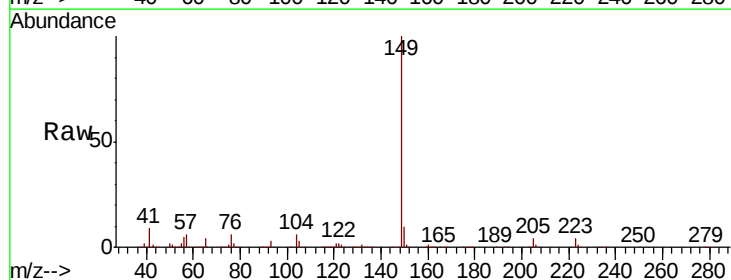
Tgt Ion:149 Resp: 991560

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.2

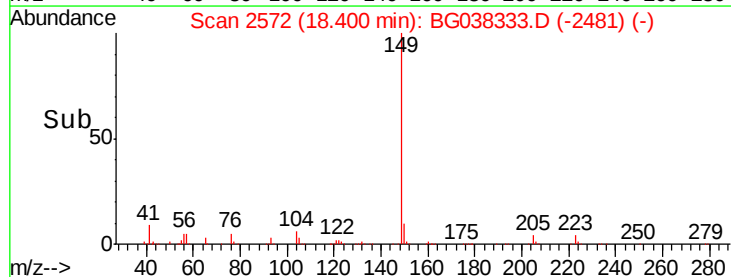
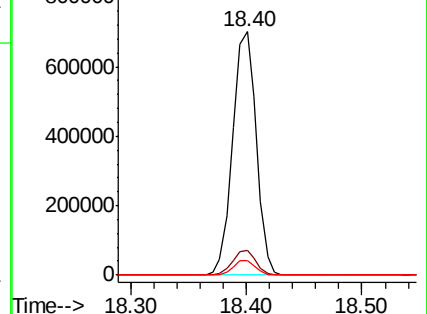
104 6.1 4.0 6.0#

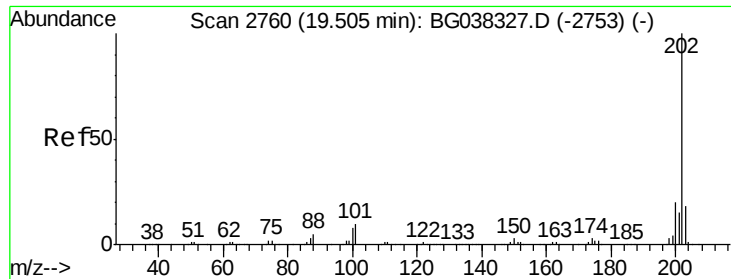


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

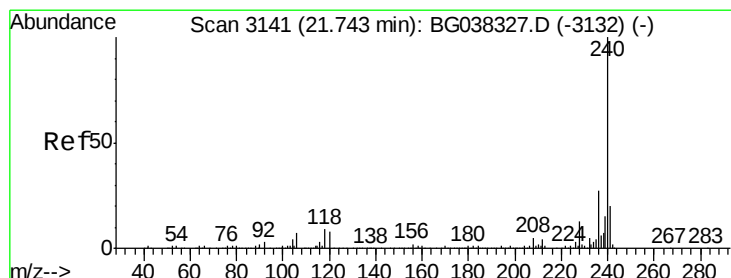
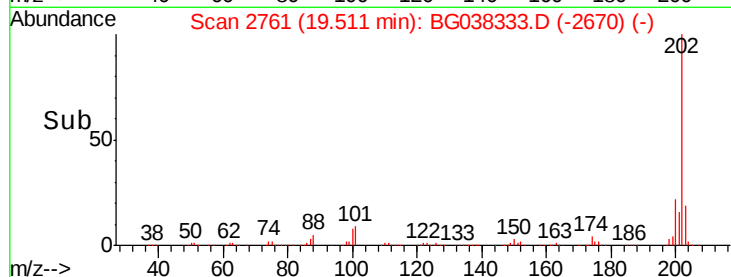
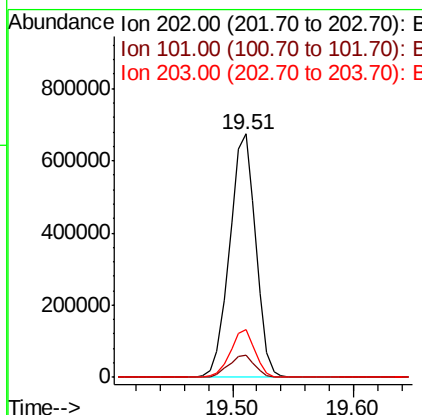
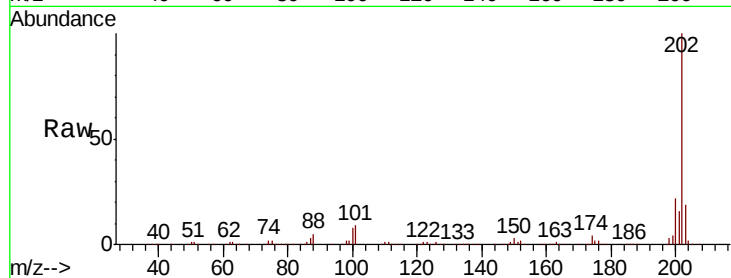




#75
 Fluoranthene
 Concen: 40.170 ng
 RT: 19.51 min Scan# 2761
 Delta R.T. 0.01 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

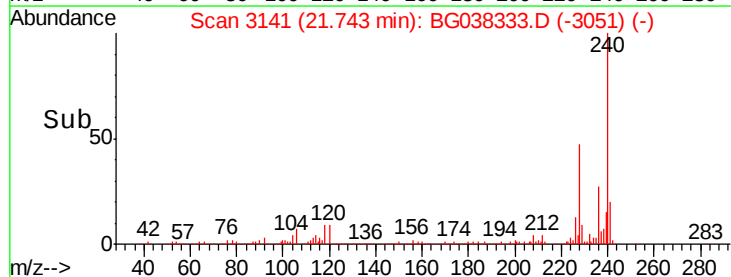
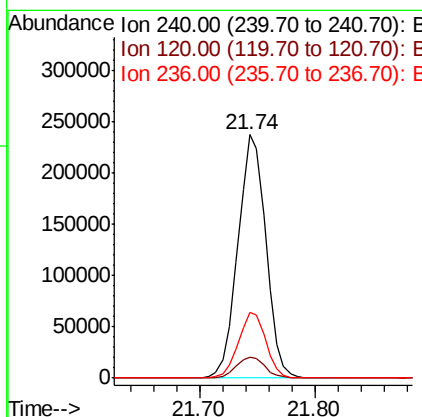
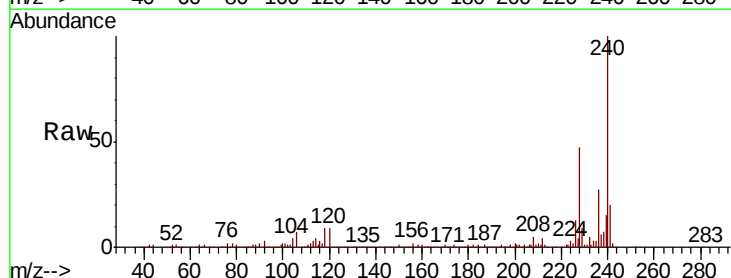
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

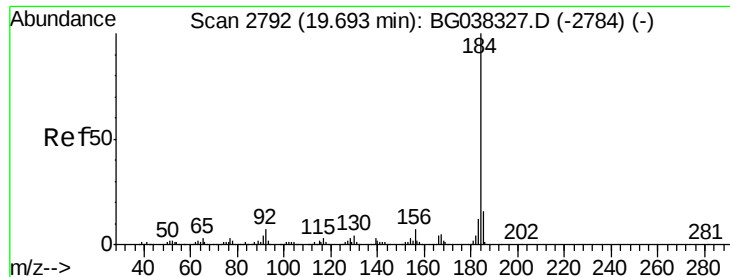
Tgt Ion:202 Resp: 1003297
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 30.7
 203 19.4 0.0 38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG038333.D
 Acq: 4 Dec 2018 19:57

Tgt Ion:240 Resp: 397626
 Ion Ratio Lower Upper
 240 100
 120 8.6 8.1 12.1
 236 27.0 21.4 32.0





#77

Benzidine

Concen: 22.838 ng

RT: 19.69 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

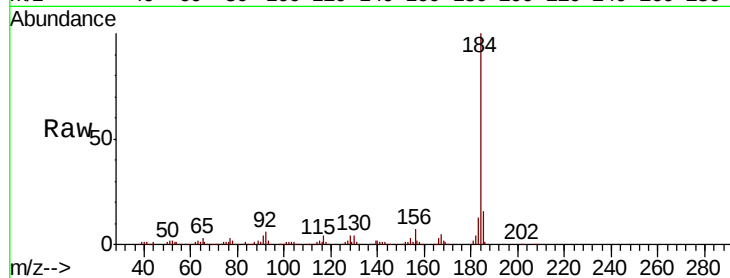
Tgt Ion:184 Resp: 306435

Ion Ratio Lower Upper

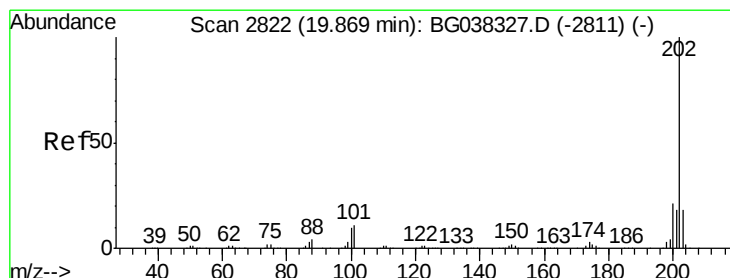
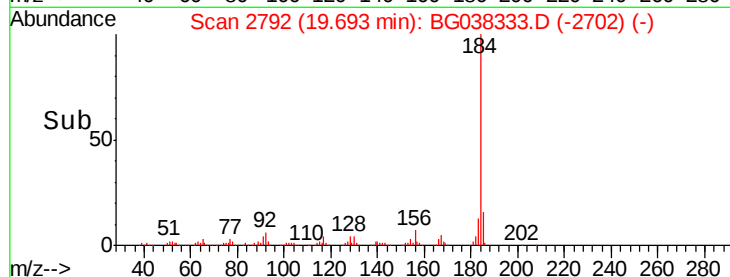
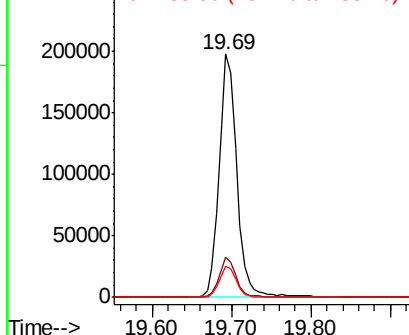
184 100

185 16.4 12.6 18.8

183 13.0 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: 36.870 ng

RT: 19.88 min Scan# 2823

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

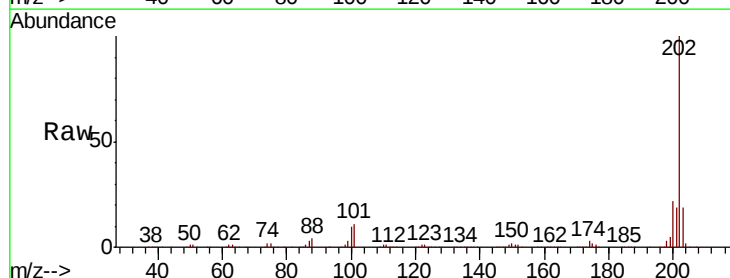
Tgt Ion:202 Resp: 1025770

Ion Ratio Lower Upper

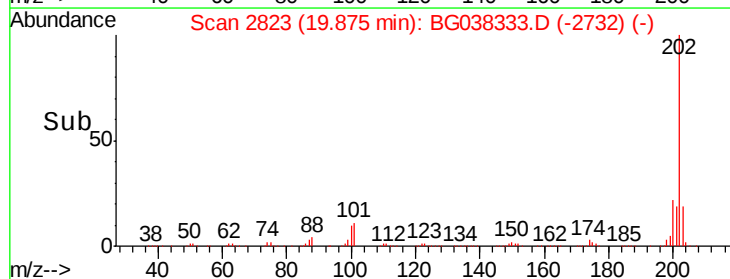
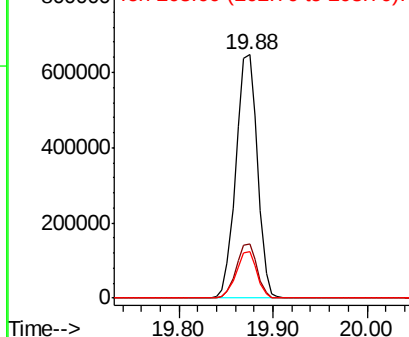
202 100

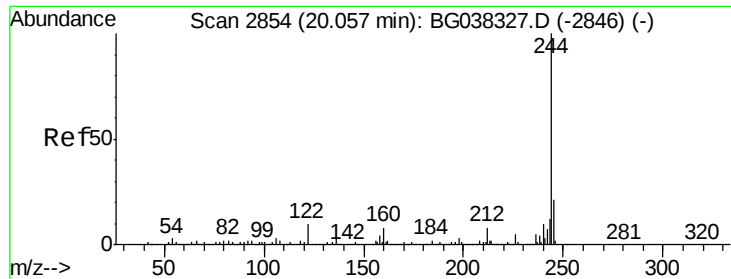
200 22.4 17.8 26.6

203 19.3 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: 73.747 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

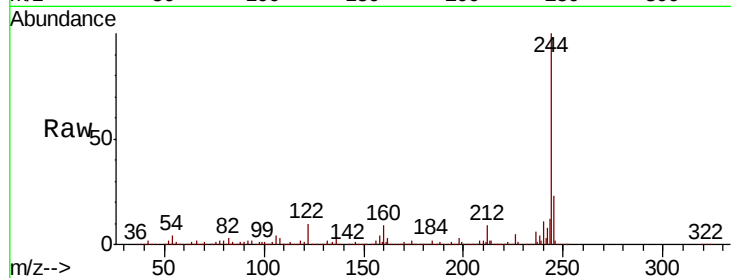
Tgt Ion:244 Resp: 1368814

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

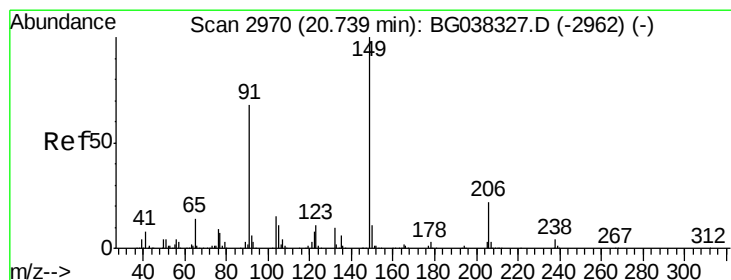
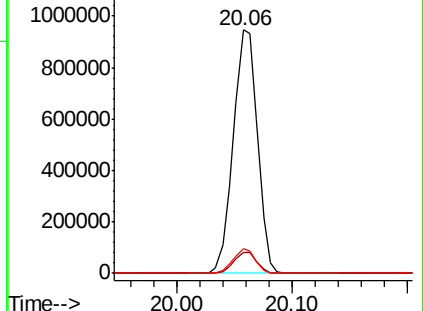
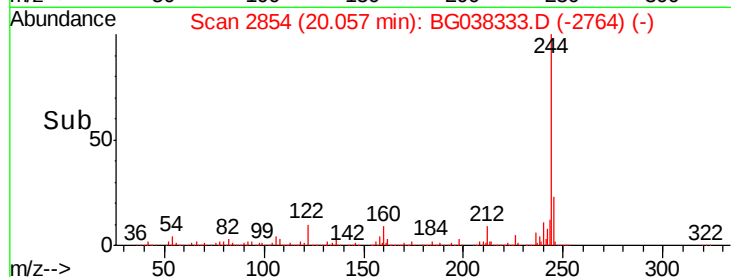
122 10.0 9.0 13.4



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: 40.563 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

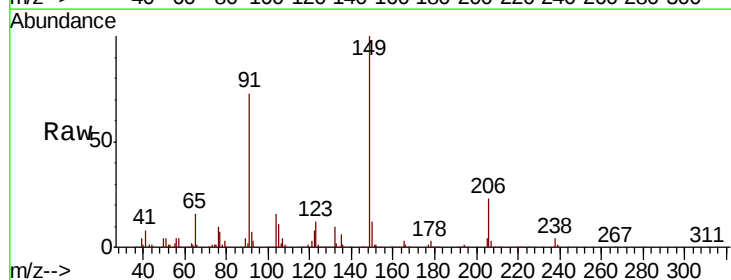
Tgt Ion:149 Resp: 453886

Ion Ratio Lower Upper

149 100

91 73.2 57.0 85.4

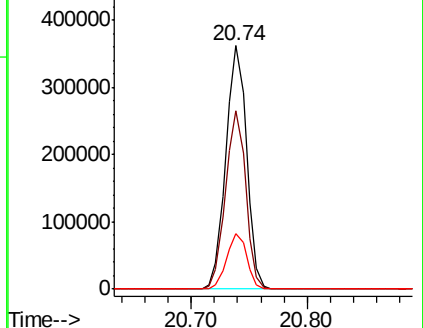
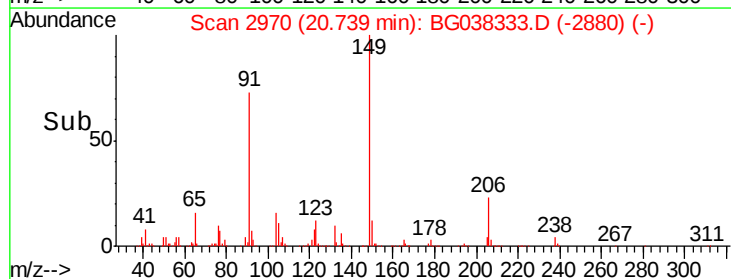
206 22.9 17.8 26.6

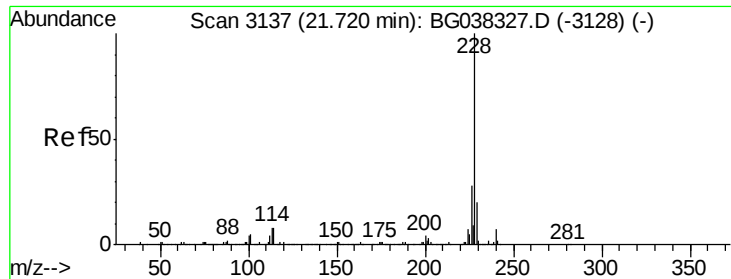


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.216 ng

RT: 21.72 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

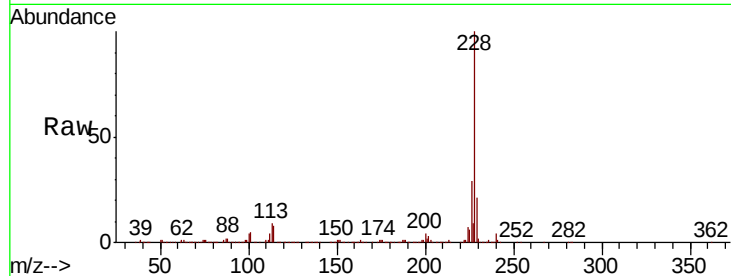
Tgt Ion:228 Resp: 958379

Ion Ratio Lower Upper

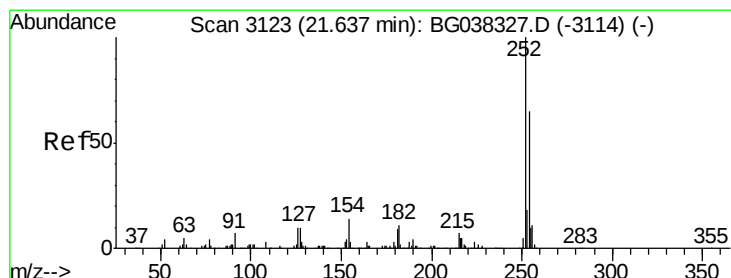
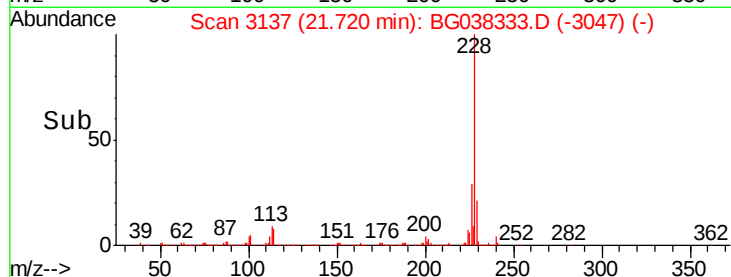
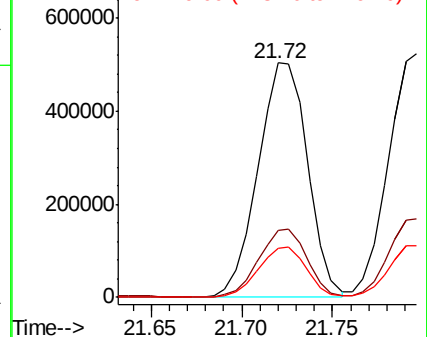
228 100

226 28.8 22.6 33.8

229 21.1 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: 37.211 ng

RT: 21.64 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

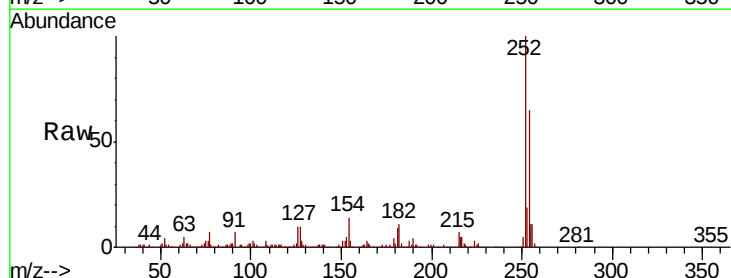
Tgt Ion:252 Resp: 353758

Ion Ratio Lower Upper

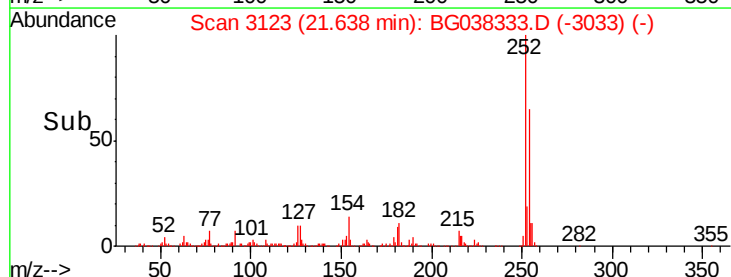
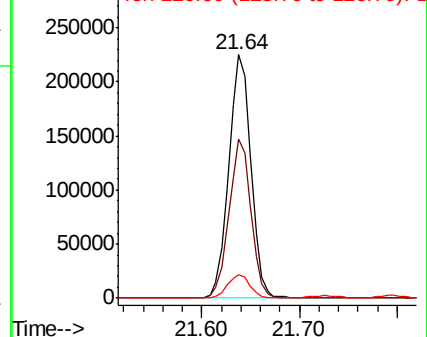
252 100

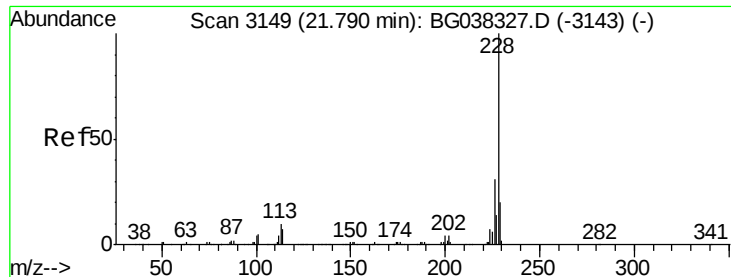
254 65.2 52.0 78.0

126 9.8 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: 39.353 ng

RT: 21.80 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

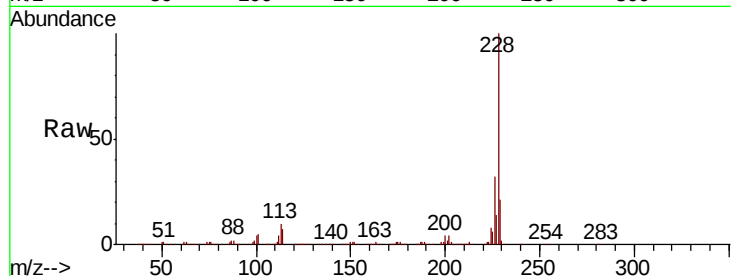
Tgt Ion:228 Resp: 910081

Ion Ratio Lower Upper

228 100

226 32.3 25.7 38.5

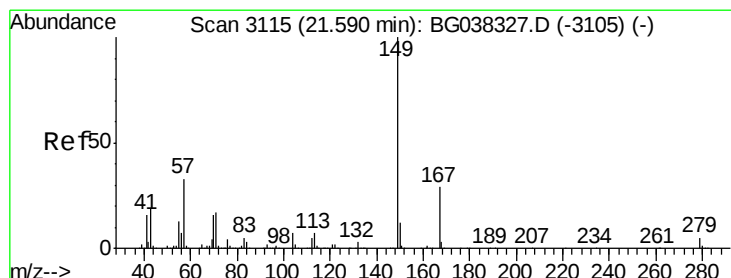
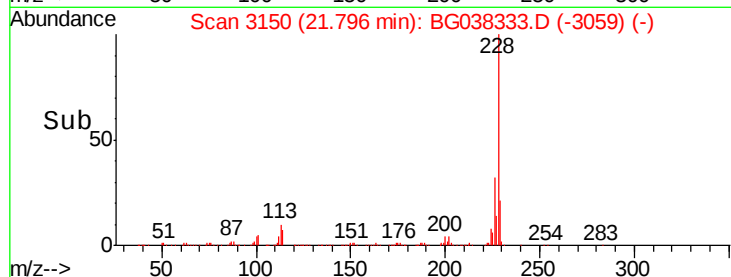
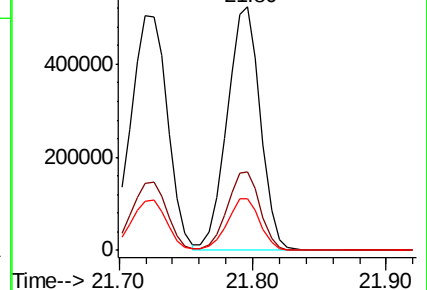
229 21.0 16.5 24.7



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: 39.790 ng

RT: 21.59 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

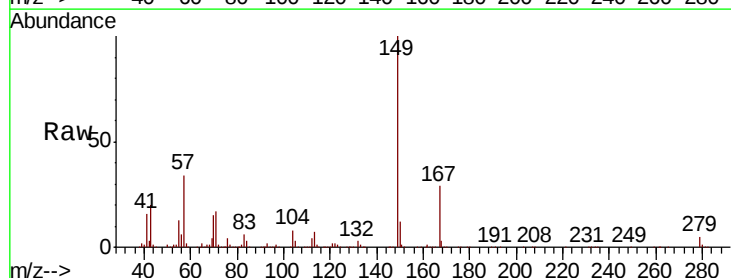
Tgt Ion:149 Resp: 631077

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.4

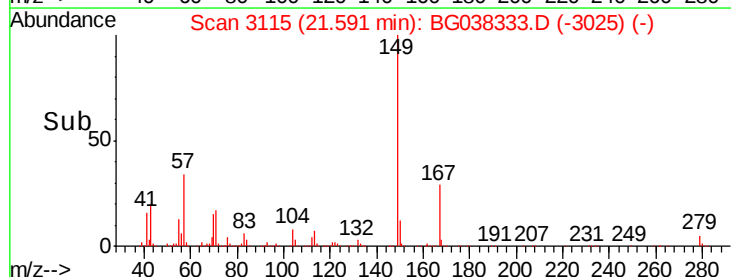
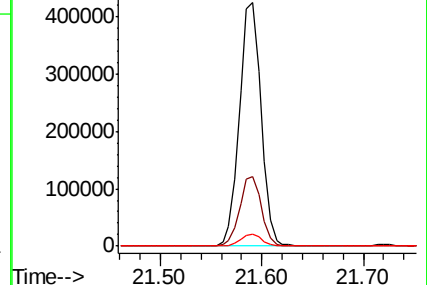
279 5.0 3.6 5.4

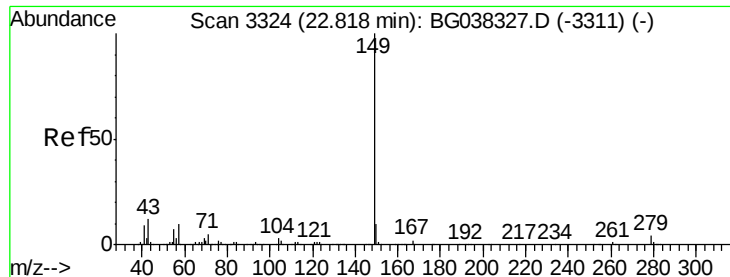


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

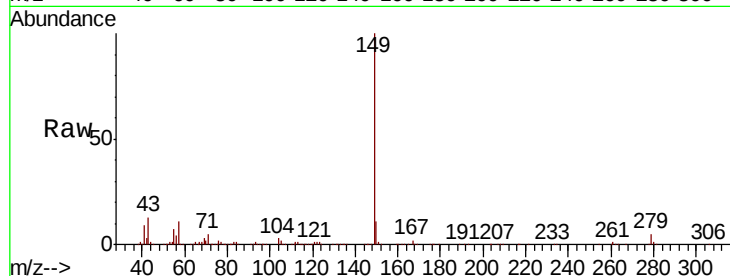




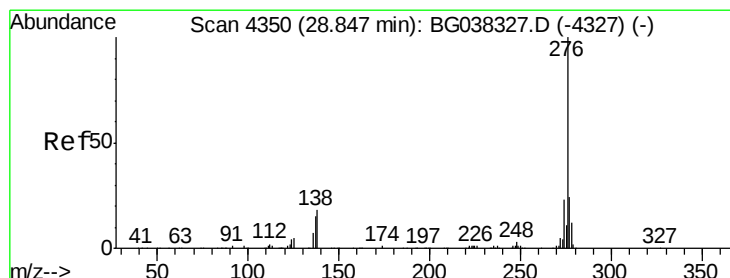
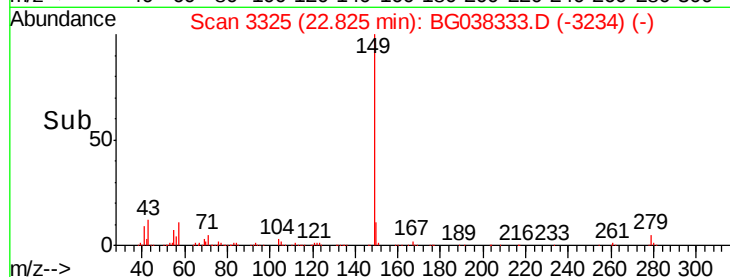
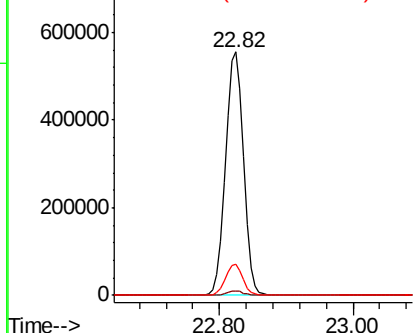
#85
Di-n-octyl phthalate
Concen: 39.011 ng
RT: 22.82 min Scan# 3325
Delta R.T. 0.01 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1060897
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.5 8.7 13.1

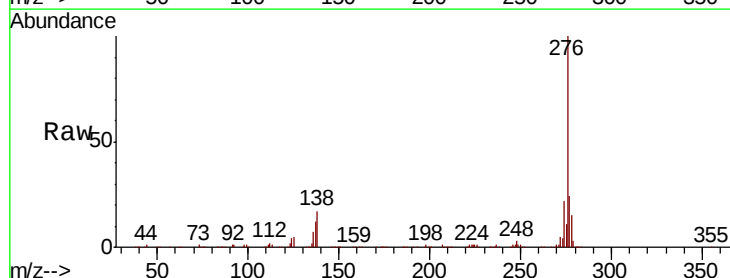


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

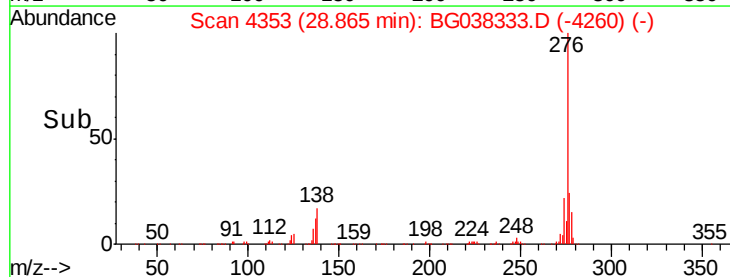
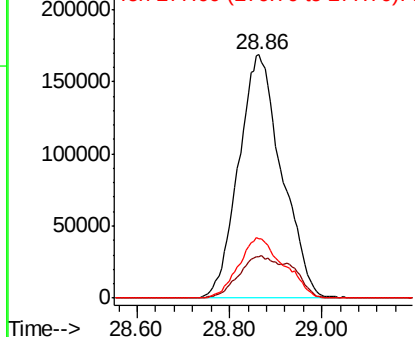


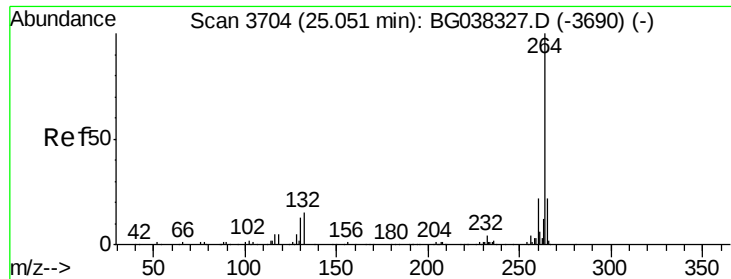
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.765 ng
RT: 28.86 min Scan# 4353
Delta R.T. 0.02 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Tgt Ion:276 Resp: 1097695
Ion Ratio Lower Upper
276 100
138 16.1 12.0 18.0
277 25.8 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

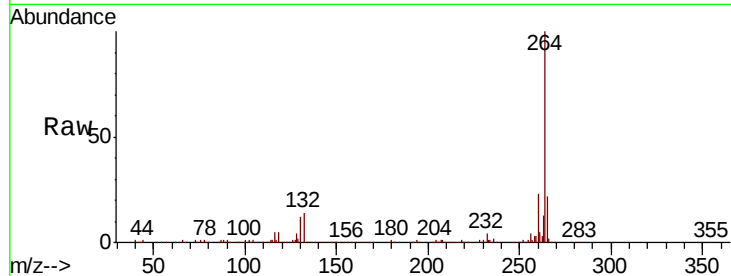
Tgt Ion:264 Resp: 421139

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

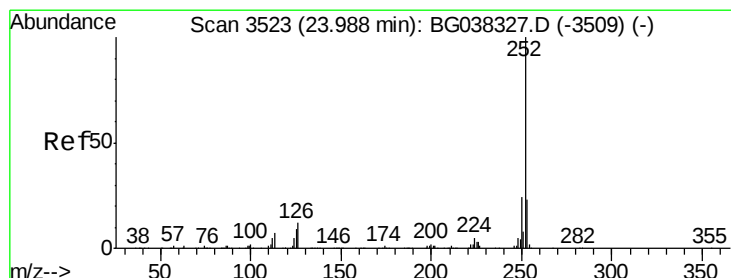
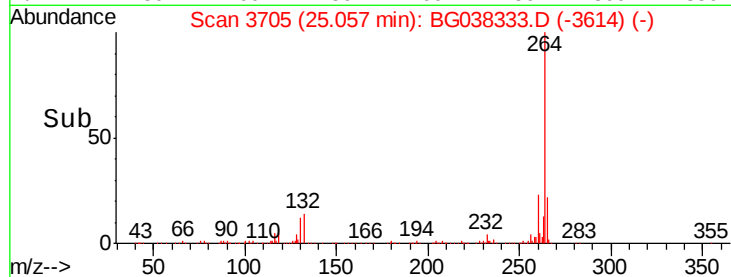
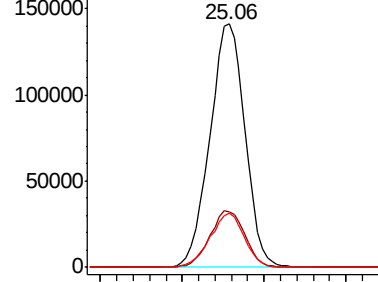
265 22.2 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.765 ng

RT: 24.00 min Scan# 3525

Delta R.T. 0.01 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

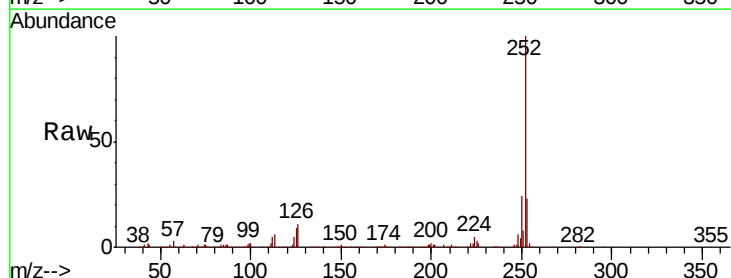
Tgt Ion:252 Resp: 946249

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

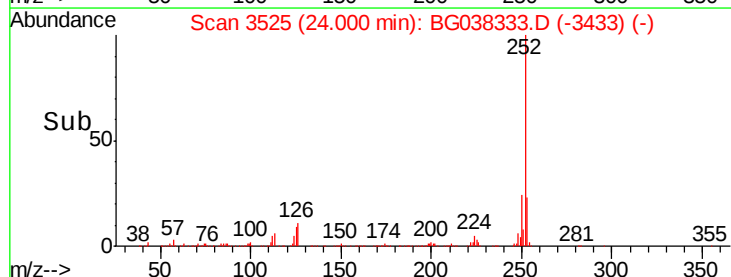
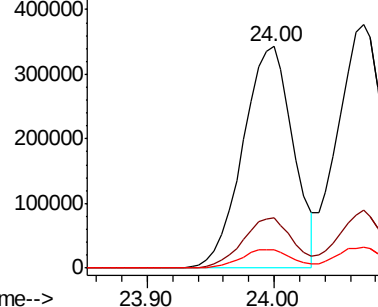
125 8.5 7.8 11.6

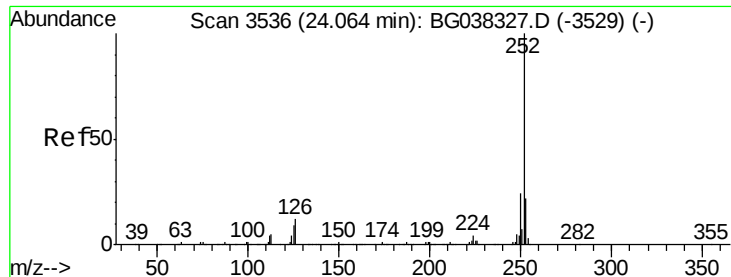


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

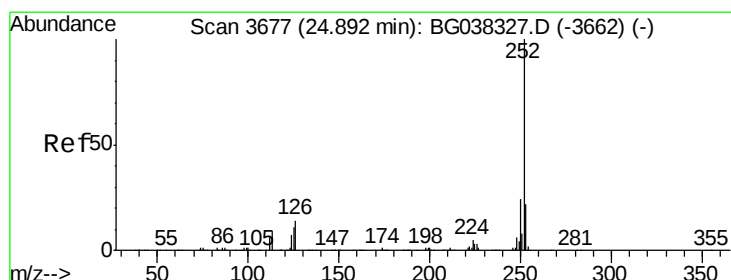
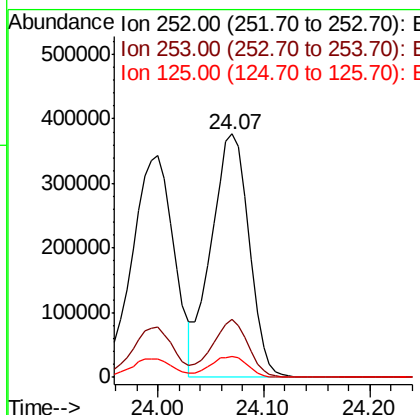
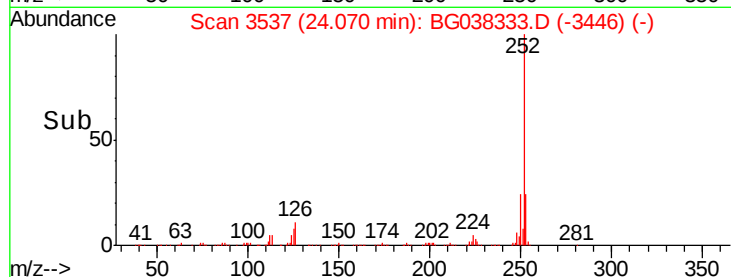
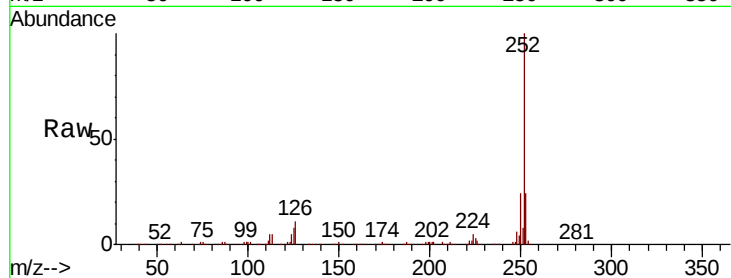




#89
Benzo(k)fluoranthene
Concen: 39.584 ng
RT: 24.07 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

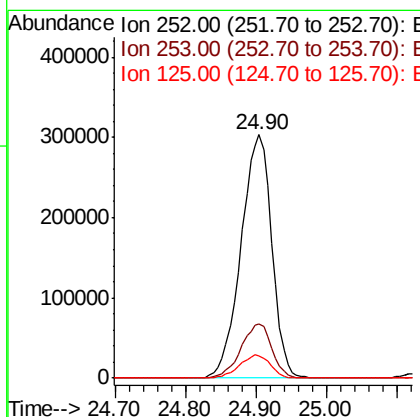
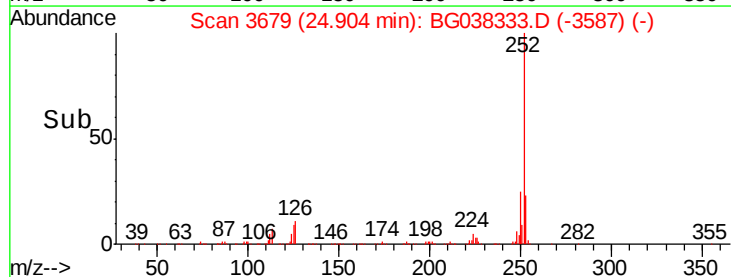
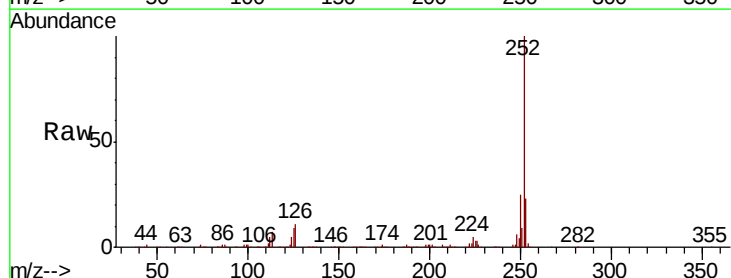
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

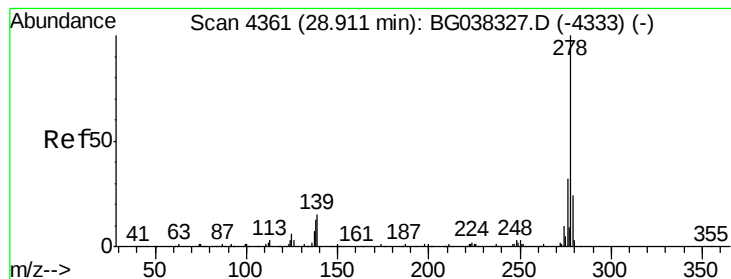
Tgt Ion:252 Resp: 938119
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 8.4 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.899 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.01 min
Lab File: BG038333.D
Acq: 4 Dec 2018 19:57

Tgt Ion:252 Resp: 920940
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.442 ng

RT: 28.94 min Scan# 4365

Delta R.T. 0.02 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

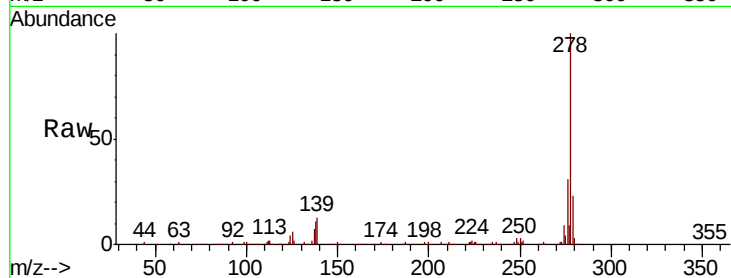
Tgt Ion:278 Resp: 907229

Ion Ratio Lower Upper

278 100

139 12.5 11.5 17.3

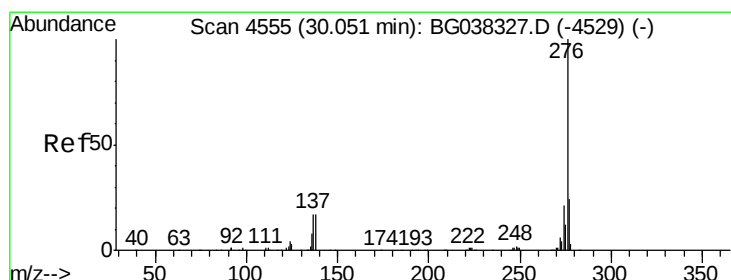
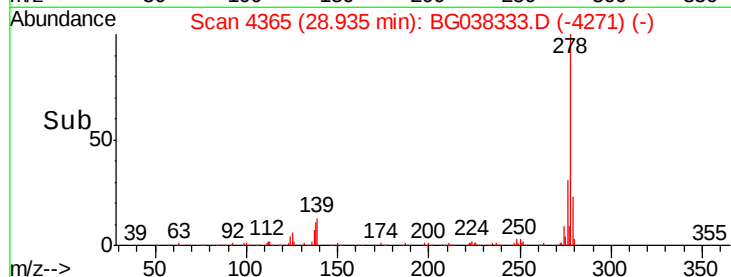
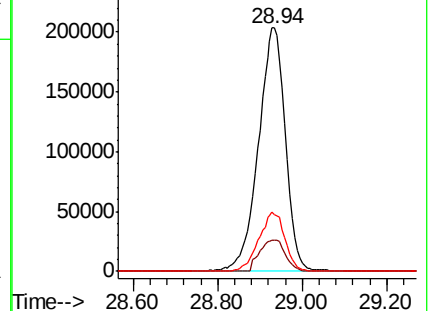
279 23.1 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.536 ng

RT: 30.07 min Scan# 4558

Delta R.T. 0.02 min

Lab File: BG038333.D

Acq: 4 Dec 2018 19:57

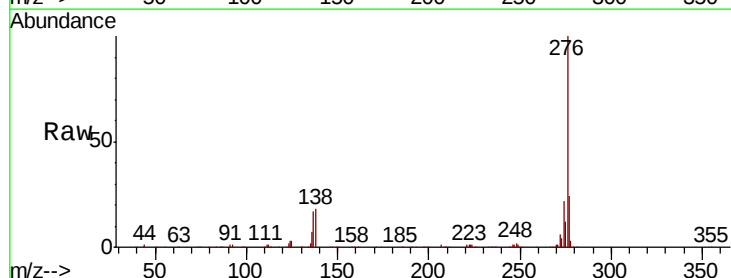
Tgt Ion:276 Resp: 902146

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 17.8 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

