

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120518\
 Data File : BG038366.D
 Acq On : 5 Dec 2018 19:48
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 06 04:09:32 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	34190	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	216151	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	102620	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	242024	20.00	ng	0.00
76) Chrysene-d12	21.74	240	225028	20.00	ng	0.00
87) Perylene-d12	25.04	264	239131	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	184005	95.24	ng	0.00
7) Phenol-d6	7.22	99	220304	78.89	ng	0.00
23) Nitrobenzene-d5	9.25	82	234801	53.93	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	104190	82.70	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	542493	75.33	ng	0.00
79) Terphenyl-d14	20.06	244	786064	74.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	51913	58.627	ng	100
3) Pyridine	3.91	79	162510	61.345	ng	98
4) n-Nitrosodimethylamine	3.83	42	60431	52.078	ng	# 92
6) Aniline	7.40	93	140241	39.321	ng	97
8) 2-Chlorophenol	7.63	128	89588	39.926	ng	99
9) Benzaldehyde	7.21	77	66192	37.434	ng	99
10) Phenol	7.25	94	116628	39.530	ng	90
11) bis(2-Chloroethyl)ether	7.49	93	92763	38.390	ng	99
12) 1,3-Dichlorobenzene	7.96	146	104191	39.730	ng	97
13) 1,4-Dichlorobenzene	8.11	146	103300	38.070	ng	97
14) 1,2-Dichlorobenzene	8.42	146	99049	39.551	ng	98
15) Benzyl Alcohol	8.31	79	91709	39.947	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	207350	37.727	ng	96
17) 2-Methylphenol	8.51	107	81349	39.272	ng	97
18) Hexachloroethane	9.15	117	39718	40.557	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	81166	39.757	ng	91
20) 3+4-Methylphenols	8.83	107	113450	38.168	ng	98
22) Acetophenone	8.90	105	148814	27.724	ng	# 94
24) Nitrobenzene	9.29	77	118330	26.752	ng	95
25) Isophorone	9.80	82	209438	27.374	ng	98
26) 2-Nitrophenol	10.00	139	61762	30.135	ng	93
27) 2,4-Dimethylphenol	10.04	122	88092	29.925	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	132642	30.241	ng	100
29) 2,4-Dichlorophenol	10.53	162	155948	46.408	ng	100
30) 1,2,4-Trichlorobenzene	10.75	180	170402	43.198	ng	93
31) Naphthalene	10.94	128	369806	35.817	ng	99
32) Benzoic acid	10.20	122	58498	29.974	ng	97
33) 4-Chloroaniline	11.06	127	165766	36.267	ng	97
34) Hexachlorobutadiene	11.20	225	83693	33.914	ng	97
35) Caprolactam	11.85	113	43619	31.389	ng	# 88
36) 4-Chloro-3-methylphenol	12.16	107	115368	30.900	ng	95
37) 2-Methylnaphthalene	12.54	142	213261	29.003	ng	98
38) 1-Methylnaphthalene	12.76	142	205974	29.248	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	135869	38.477	ng	99

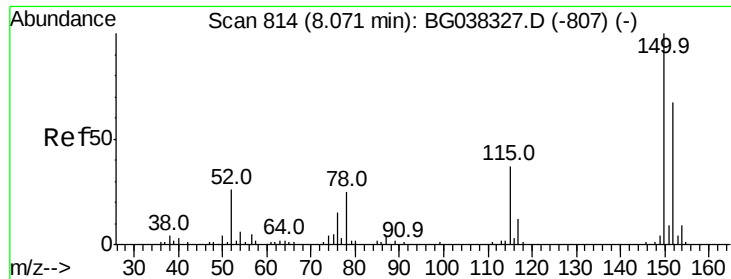
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120518\
 Data File : BG038366.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	73469	37.861	nq	97
43) 2,4,6-Trichlorophenol	13.14	196	91039	39.800	nq	100
44) 2,4,5-Trichlorophenol	13.21	196	97303	40.154	nq	97
46) 1,1'-Biphenyl	13.54	154	327048	37.703	nq	98
47) 2-Chloronaphthalene	13.59	162	246341	37.634	nq	100
48) 2-Nitroaniline	13.80	65	87717	39.944	nq	95
49) Acenaphthylene	14.43	152	378206	38.365	nq	99
50) Dimethylphthalate	14.16	163	323098	39.254	nq	100
51) 2,6-Dinitrotoluene	14.29	165	71649	38.107	nq	93
52) Acenaphthene	14.77	154	227428	37.843	nq	97
53) 3-Nitroaniline	14.63	138	80036	39.525	nq	# 97
54) 2,4-Dinitrophenol	14.83	184	38587	37.438	nq	# 84
55) Dibenzofuran	15.11	168	379691	38.215	nq	97
56) 4-Nitrophenol	14.92	139	59208	37.014	nq	87
57) 2,4-Dinitrotoluene	15.07	165	102071	39.360	nq	95
58) Fluorene	15.76	166	286399	39.126	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	84956	40.366	nq	98
60) Diethylphthalate	15.51	149	345543	37.893	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	172936	39.333	nq	99
62) 4-Nitroaniline	15.79	138	80400	40.368	nq	90
63) Azobenzene	16.03	77	306112	38.357	nq	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	65657	41.404	nq	91
66) n-Nitrosodiphenylamine	15.96	169	280897	41.273	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	111019	42.477	nq	99
68) Hexachlorobenzene	16.75	284	114996	42.657	nq	97
69) Atrazine	16.90	200	106150	41.799	nq	98
70) Pentachlorophenol	17.10	266	77251	41.837	nq	97
71) Phenanthrene	17.50	178	485377	40.046	nq	98
72) Anthracene	17.59	178	481058	40.985	nq	100
73) Carbazole	17.86	167	476637	40.915	nq	99
74) Di-n-butylphthalate	18.39	149	551904	40.553	nq	# 98
75) Fluoranthene	19.50	202	564836	39.887	nq	98
77) Benzidine	19.69	184	322583	42.481	nq	99
78) Pyrene	19.87	202	574331	36.478	nq	98
80) Butylbenzylphthalate	20.74	149	246054	38.855	nq	99
81) Benzo(a)anthracene	21.72	228	536082	38.761	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	212813	39.555	nq	99
83) Chrysene	21.79	228	507598	38.784	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	346371	38.590	nq	99
85) Di-n-octyl phthalate	22.82	149	575903	37.420	nq	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	590763	39.718	nq	98
88) Benzo(b)fluoranthene	23.99	252	522407	38.663	nq	98
89) Benzo(k)fluoranthene	24.06	252	510931	37.967	nq	98
90) Benzo(a)pyrene	24.89	252	504177	38.469	nq	# 96
91) Dibenzo(a,h)anthracene	28.90	278	488993	39.338	nq	98
92) Benzo(g,h,i)perylene	30.03	276	483050	39.168	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

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SSTDCCC040

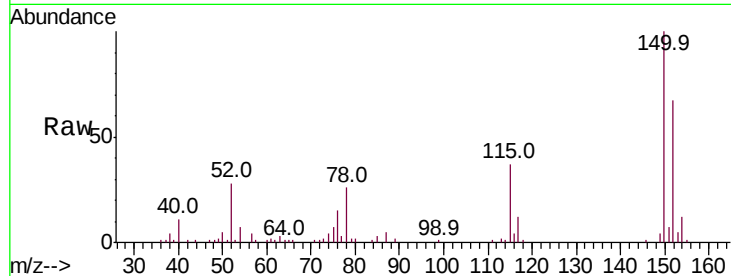
Tot Ion:152 Resp: 34190

Ion Ratio Lower Upper

152 100

150 149.1 126.0 189.0

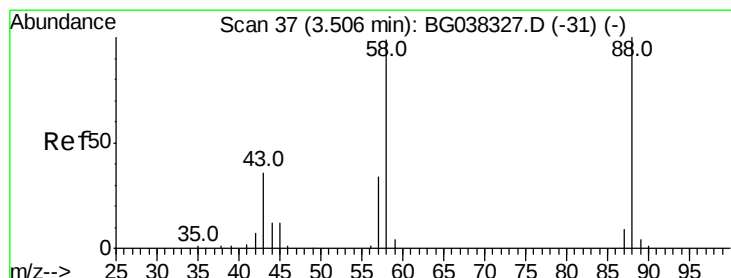
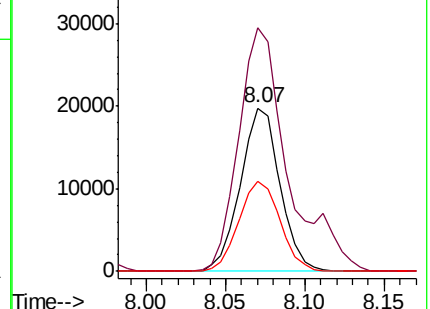
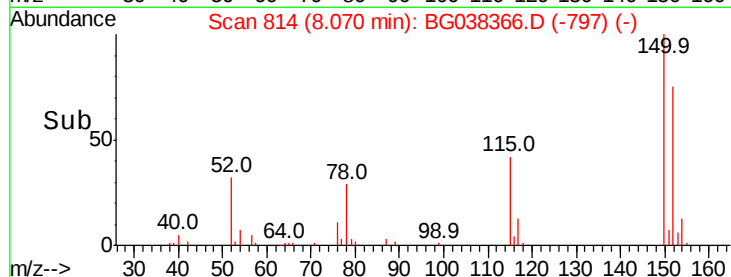
115 55.4 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 58.627 ng

RT: 3.51 min Scan# 37

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

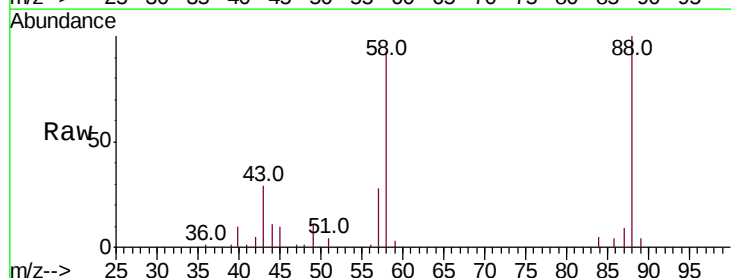
Tgt Ion: 88 Resp: 51913

Ion Ratio Lower Upper

88 100

58 92.9 74.4 111.6

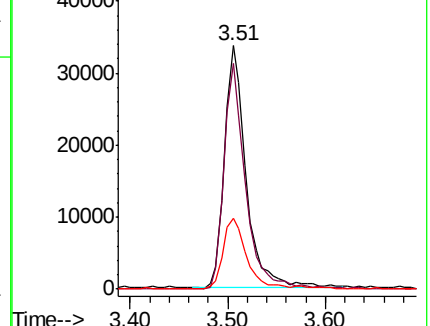
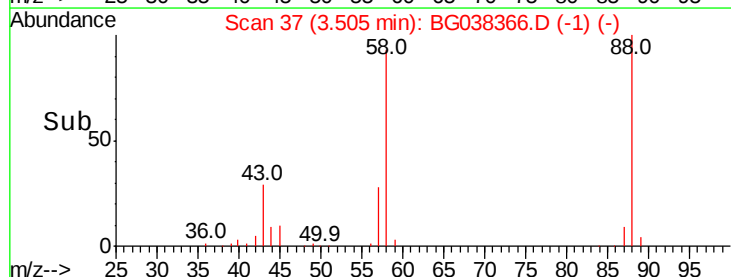
43 31.4 25.8 38.8

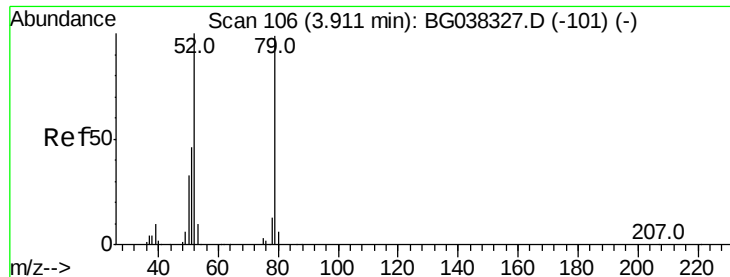


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



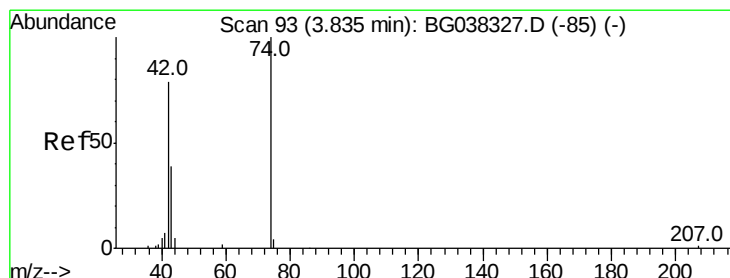
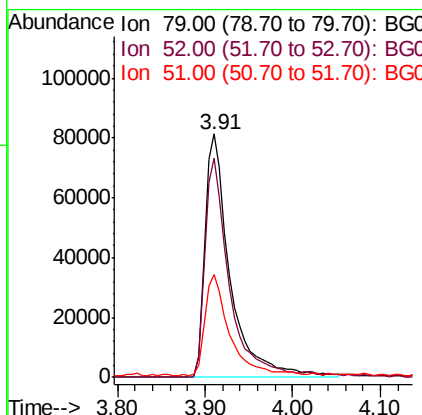
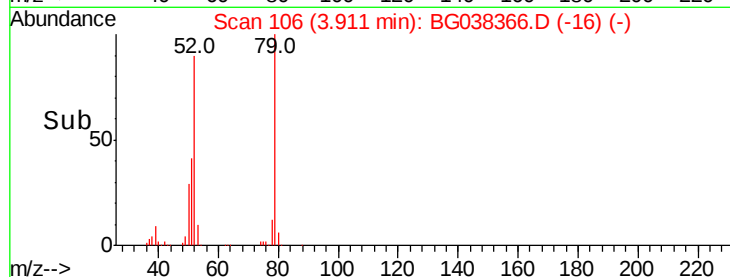
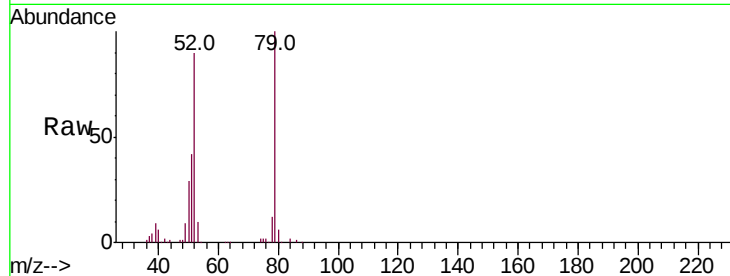


#3
Pvridine
Concen: 61.345 ng
RT: 3.91 min Scan# 106
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 162510

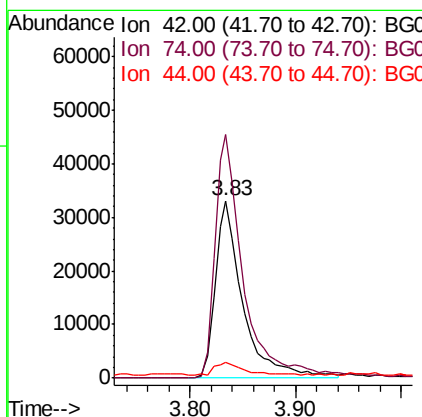
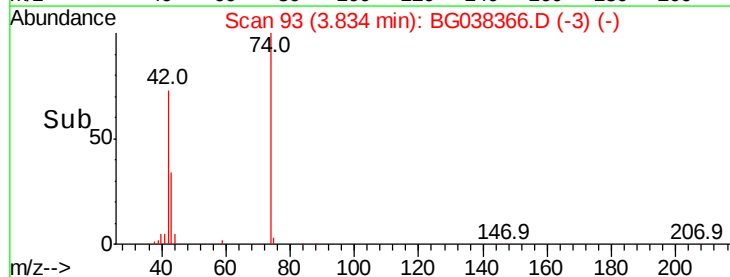
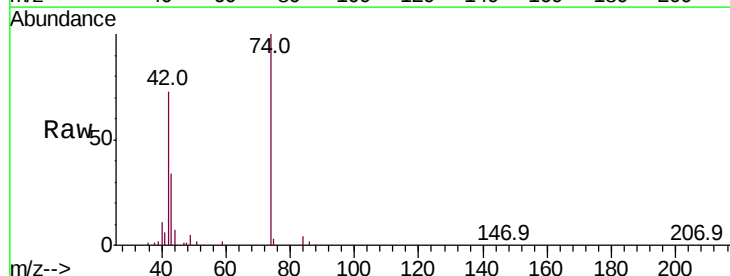
Ion	Ratio	Lower	Upper
79	100		
52	89.9	74.2	111.2
51	42.4	34.6	51.8

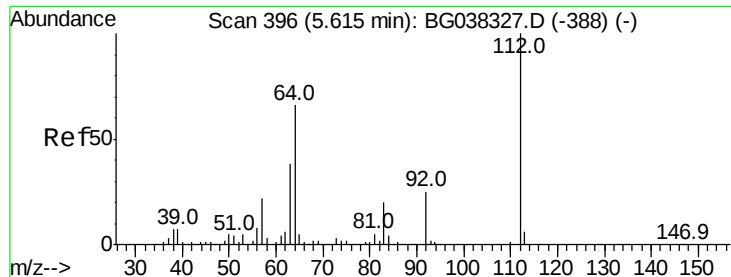


#4
n-Nitrosodimethylamine
Concen: 52.078 ng
RT: 3.83 min Scan# 93
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion: 42 Resp: 60431

Ion	Ratio	Lower	Upper
42	100		
74	137.3	102.0	153.0
44	9.0	9.6	14.4#





#5

2-Fluorophenol

Concen: 95.239 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

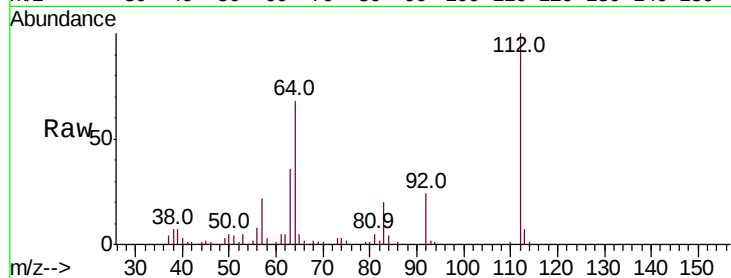
Tot Ion:112 Resp: 184005

Ion Ratio Lower Upper

112 100

64 68.2 53.1 79.7

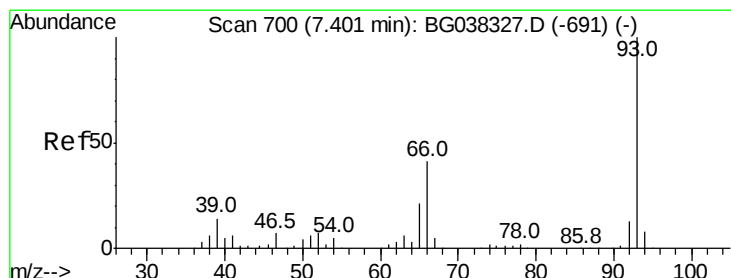
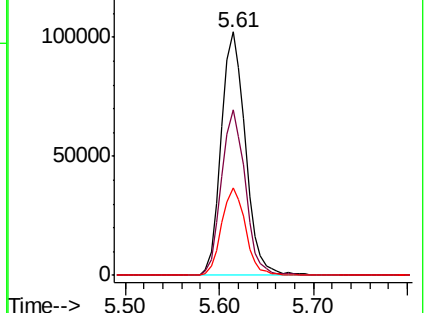
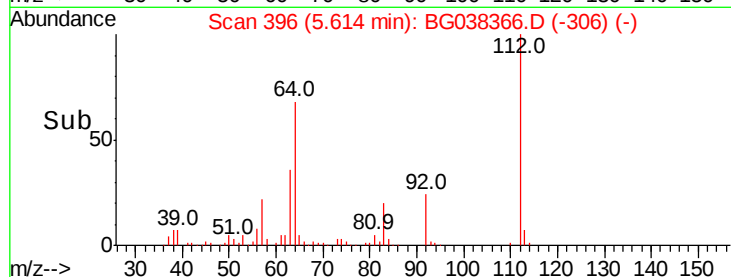
63 35.7 27.3 40.9



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: 39.321 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

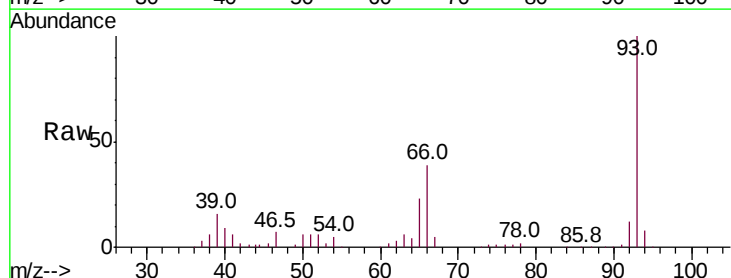
Tgt Ion: 93 Resp: 140241

Ion Ratio Lower Upper

93 100

66 39.3 32.8 49.2

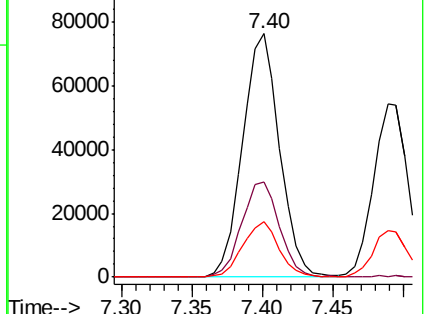
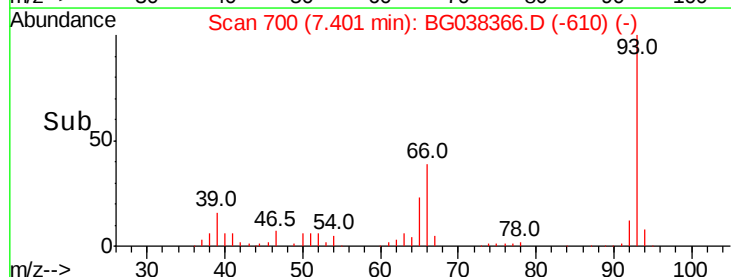
65 22.7 16.4 24.6

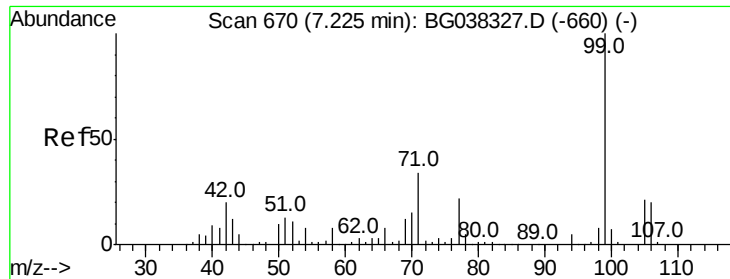


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.893 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

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ClientSampleId :

SSTDCCC040

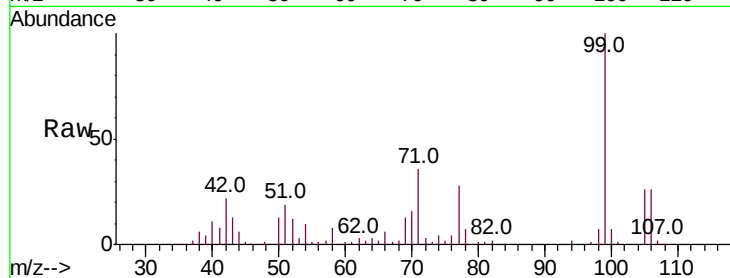
Tot Ion: 99 Resp: 220304

Ion Ratio Lower Upper

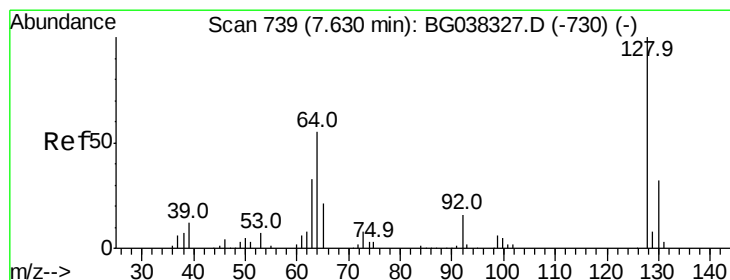
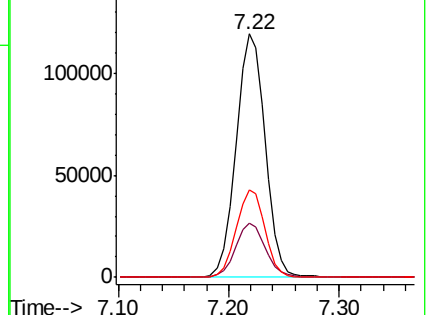
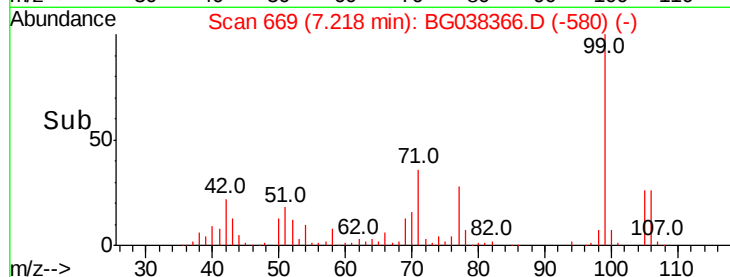
99 100

42 22.4 15.0 22.4

71 36.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 39.926 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

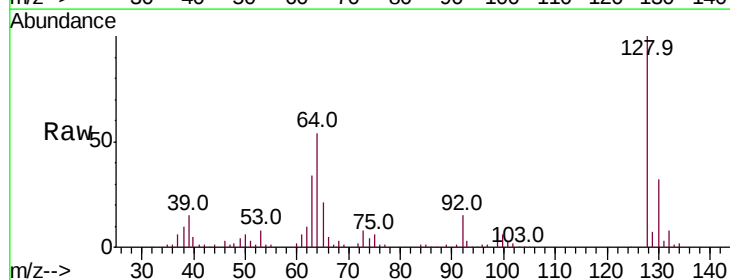
Tgt Ion: 128 Resp: 89588

Ion Ratio Lower Upper

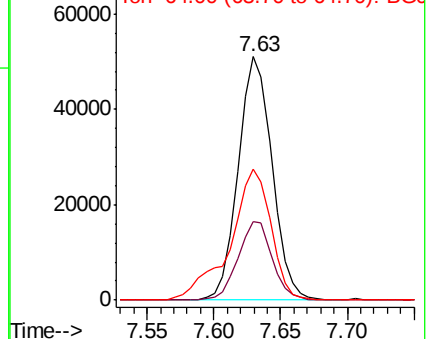
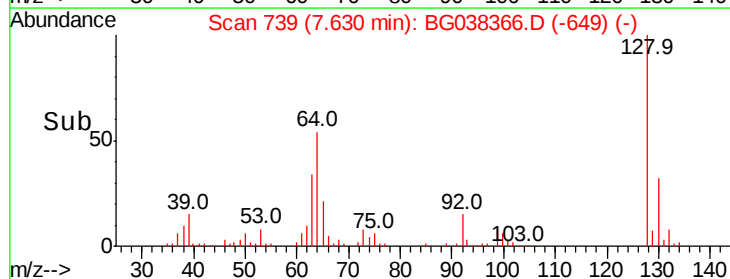
128 100

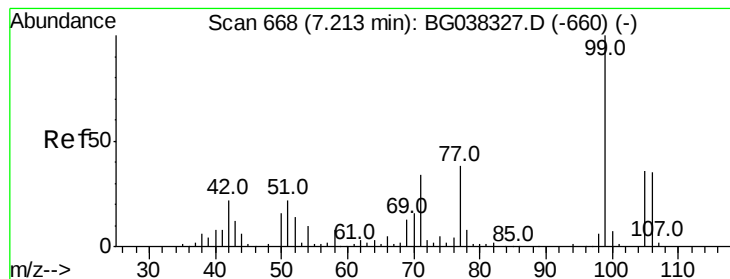
130 32.0 12.0 52.0

64 53.6 32.9 72.9



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





#9

Benzaldehyde

Concen: 37.434 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

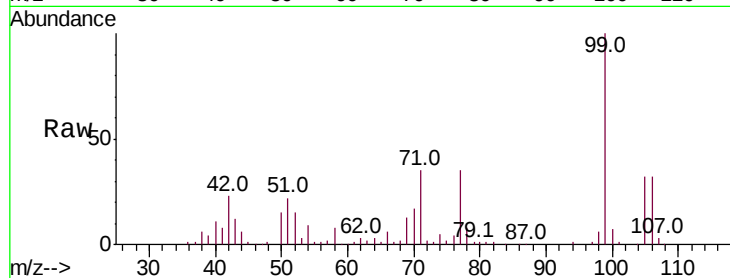
Tot Ion: 77 Resp: 66192

Ion Ratio Lower Upper

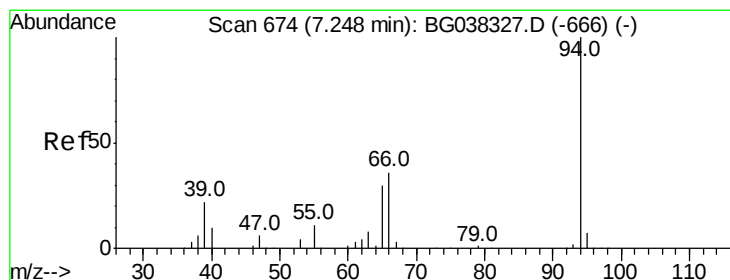
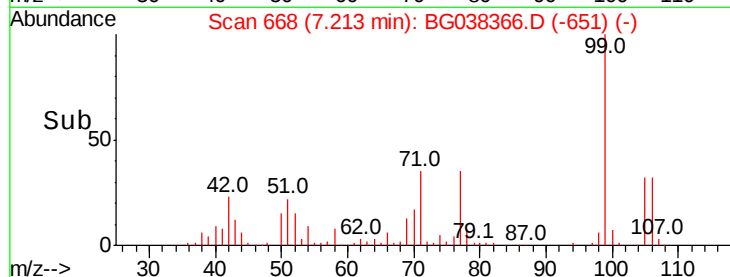
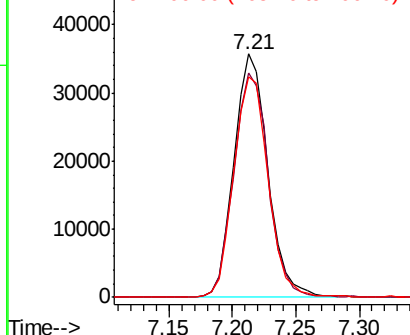
77 100

105 91.9 72.6 112.6

106 90.8 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: 39.530 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

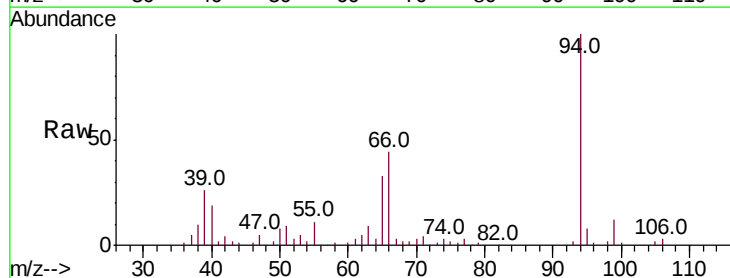
Tgt Ion: 94 Resp: 116628

Ion Ratio Lower Upper

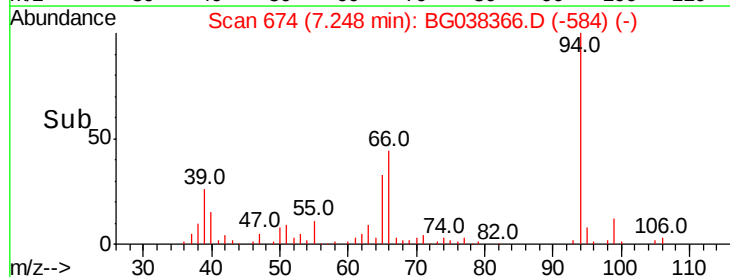
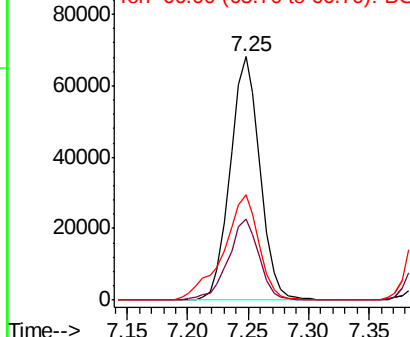
94 100

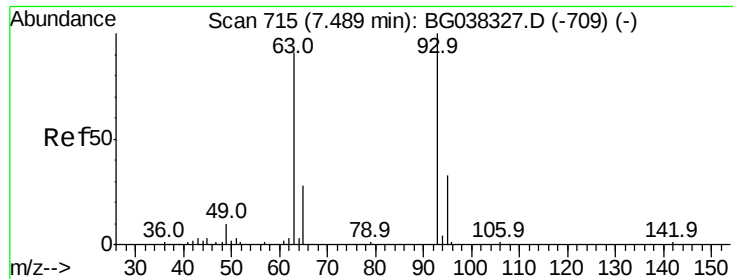
65 33.4 9.7 49.7

66 43.5 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: 38.390 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

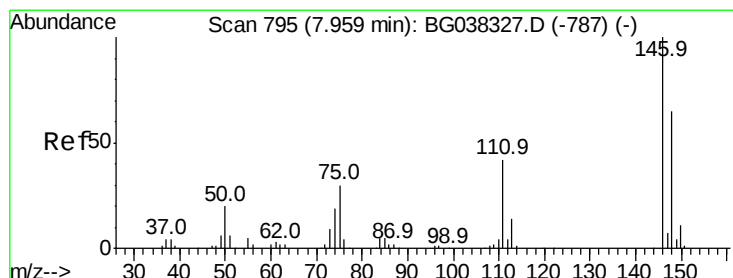
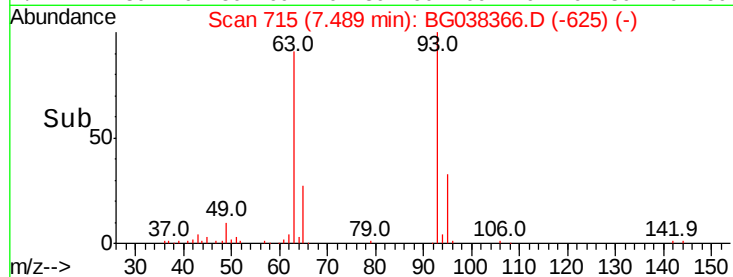
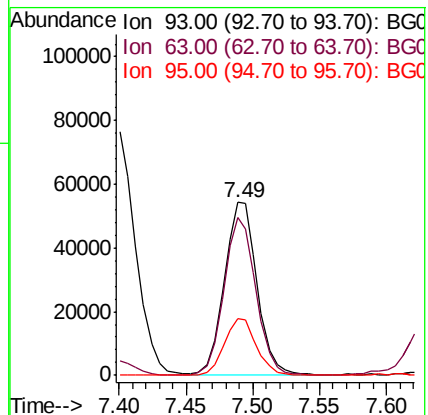
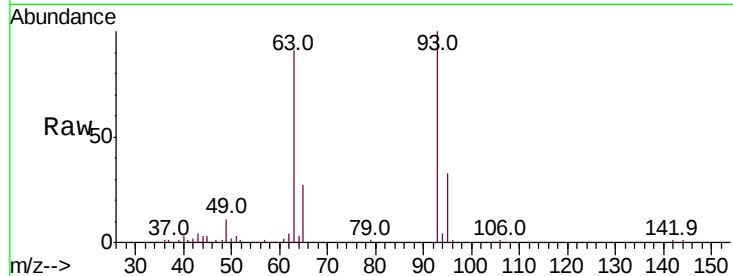
Tot Ion: 93 Resp: 92763

Ion Ratio Lower Upper

93 100

63 91.1 69.5 109.5

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 39.730 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

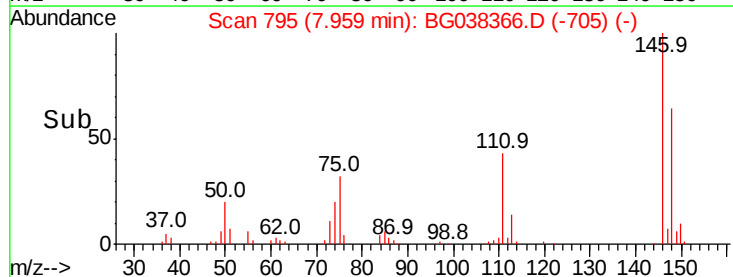
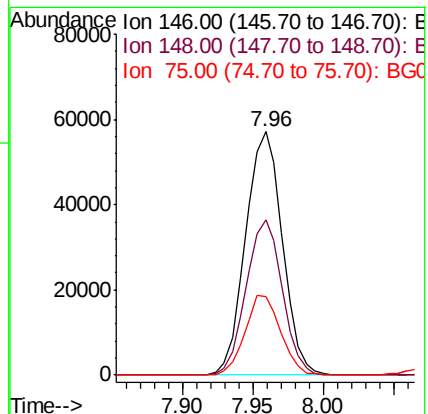
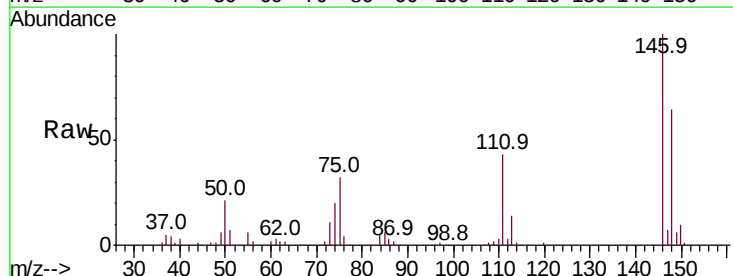
Tgt Ion:146 Resp: 104191

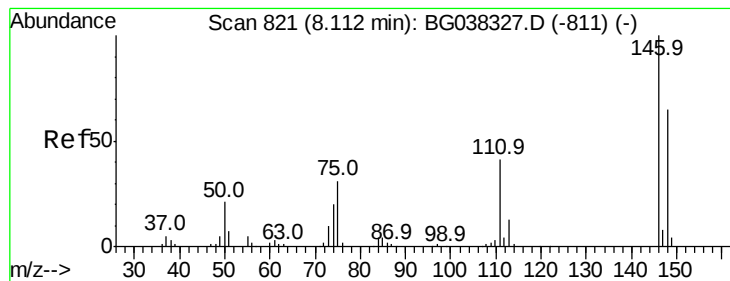
Ion Ratio Lower Upper

146 100

148 63.6 49.8 74.8

75 32.3 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 38.070 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

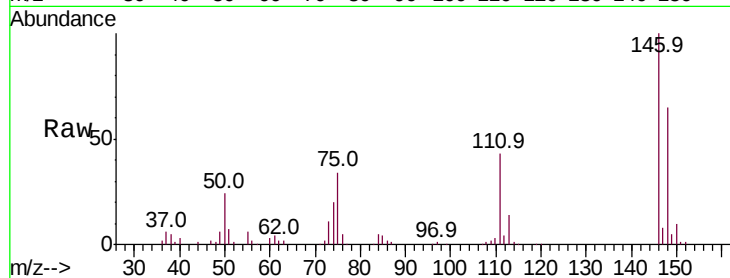
Tot Ion:146 Resp: 103300

Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.6

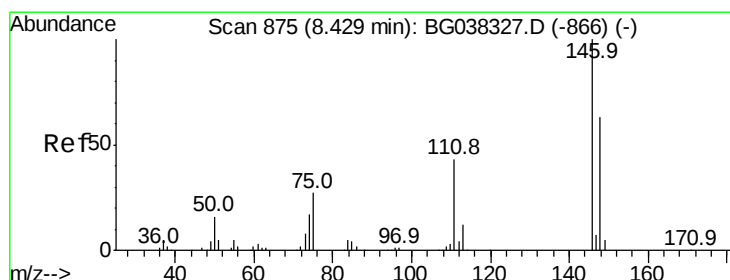
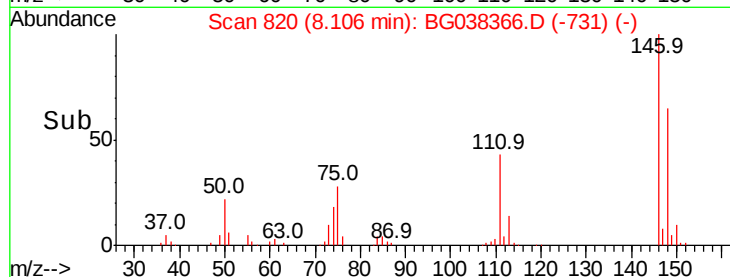
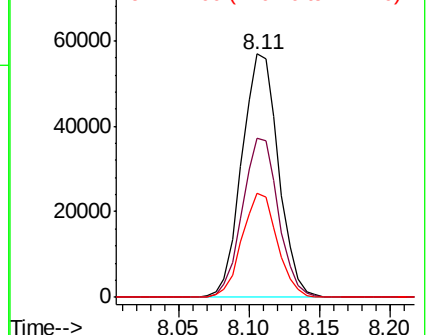
111 43.0 32.4 48.6



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: 39.551 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

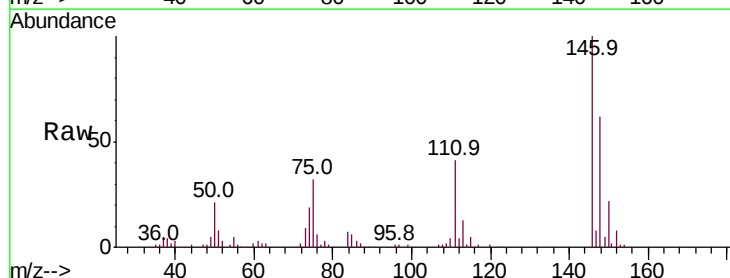
Tgt Ion:146 Resp: 99049

Ion Ratio Lower Upper

146 100

148 61.8 50.4 75.6

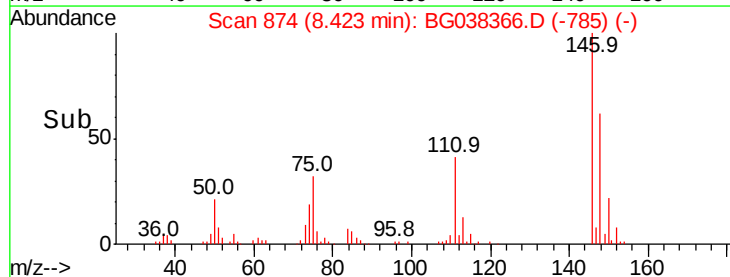
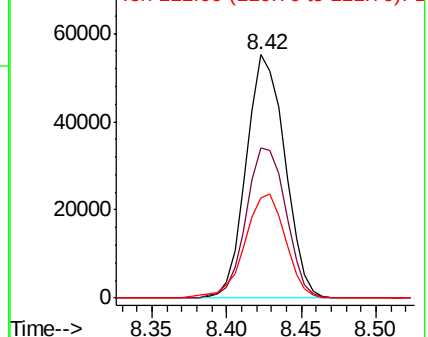
111 41.4 34.6 51.8

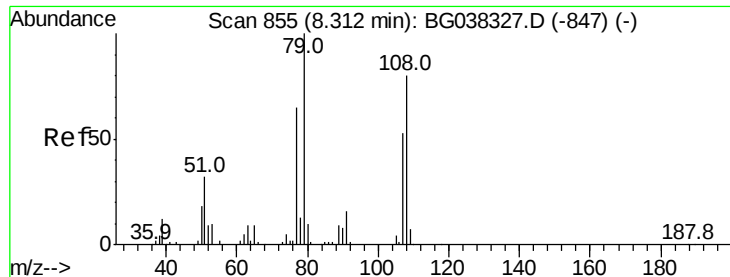


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.947 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

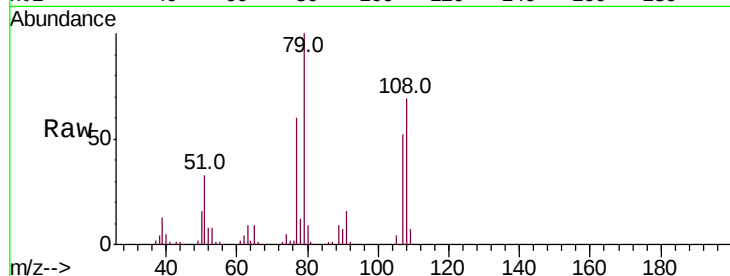
Tot Ion: 79 Resp: 91709

Ion Ratio Lower Upper

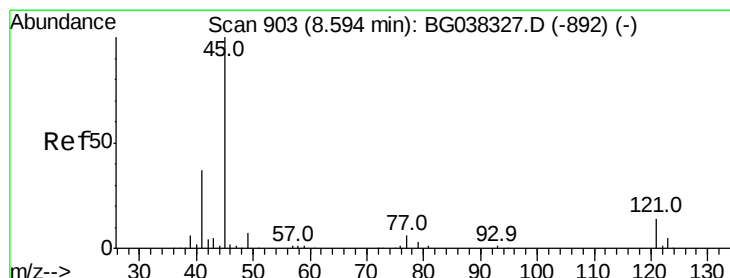
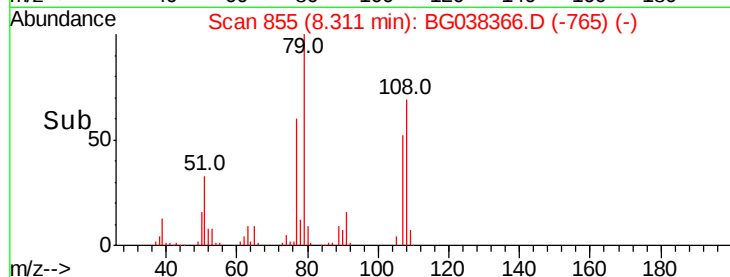
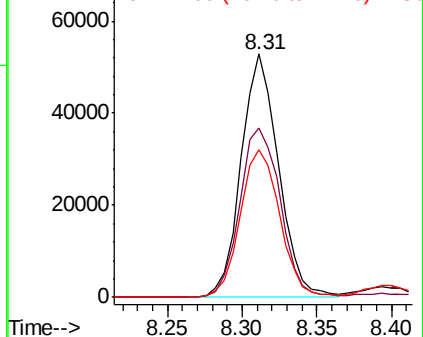
79 100

108 69.4 65.8 98.8

77 60.4 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: 37.727 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

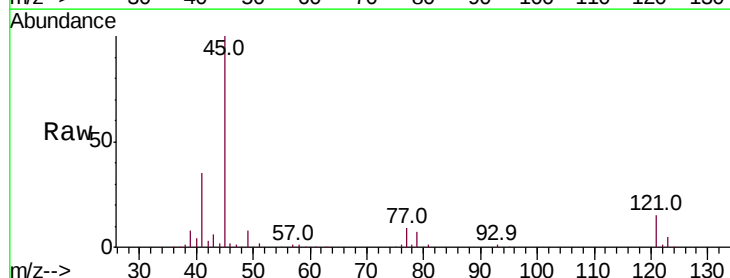
Tgt Ion: 45 Resp: 207350

Ion Ratio Lower Upper

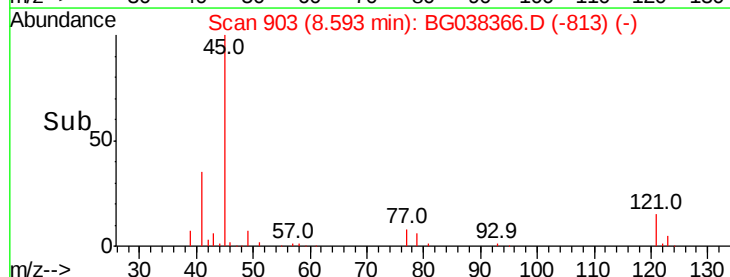
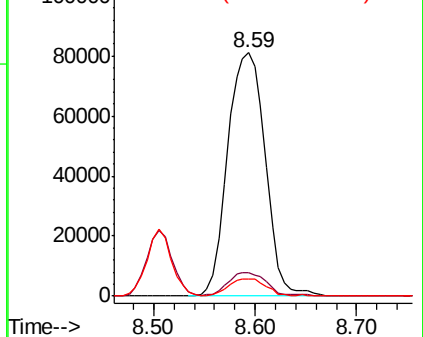
45 100

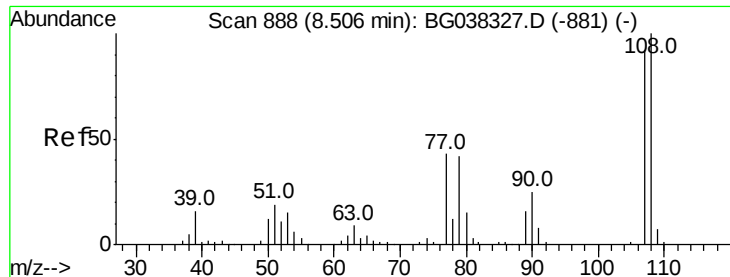
77 9.4 0.0 30.0

79 7.0 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

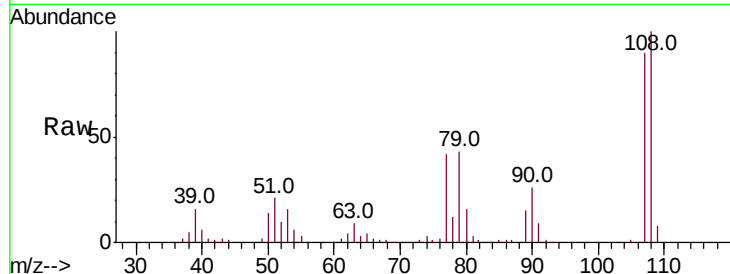




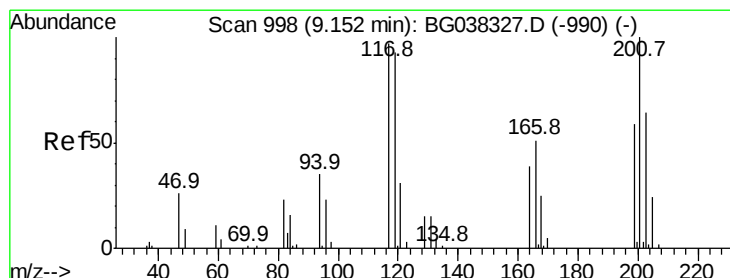
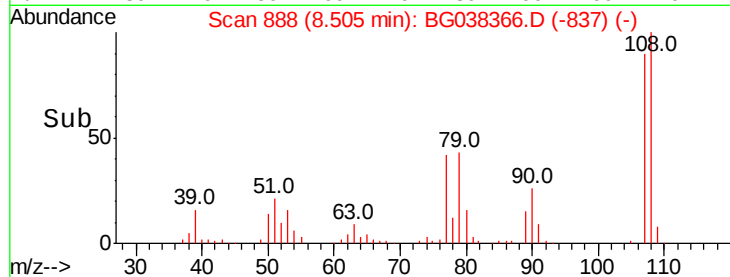
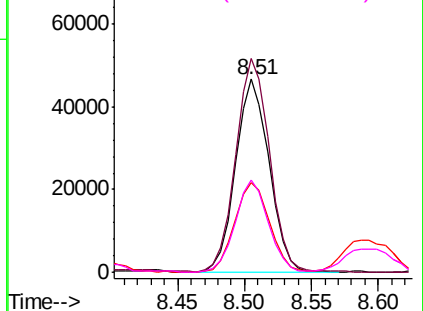
#17
2-Methylphenol
Concen: 39.272 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 81349
Ion Ratio Lower Upper
107 100
108 110.7 87.9 131.9
77 46.7 35.1 52.7
79 48.0 34.5 51.7

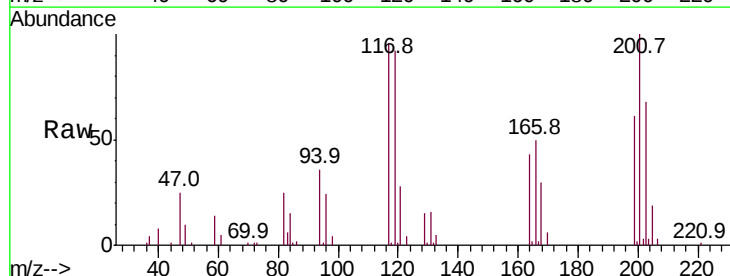


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

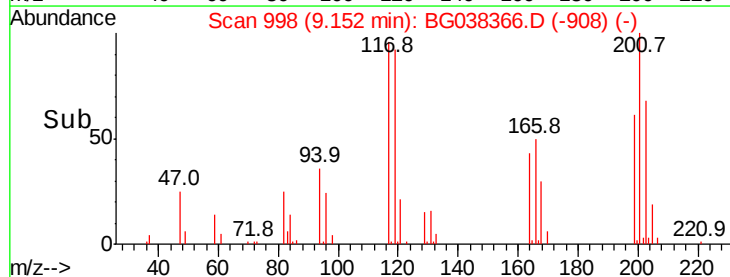
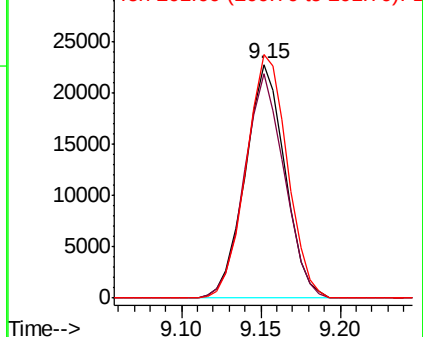


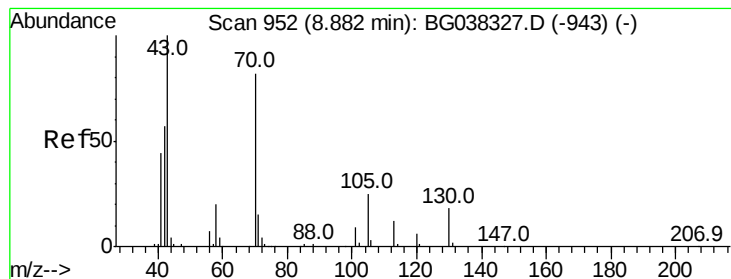
#18
Hexachloroethane
Concen: 40.557 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:117 Resp: 39718
Ion Ratio Lower Upper
117 100
119 96.1 74.6 111.8
201 107.9 80.8 121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.757 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 81166

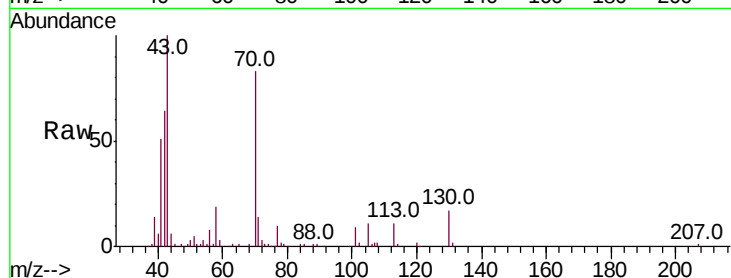
Ion Ratio Lower Upper

70 100

42 77.2 53.9 80.9

101 10.2 8.2 12.2

130 20.4 18.2 27.4

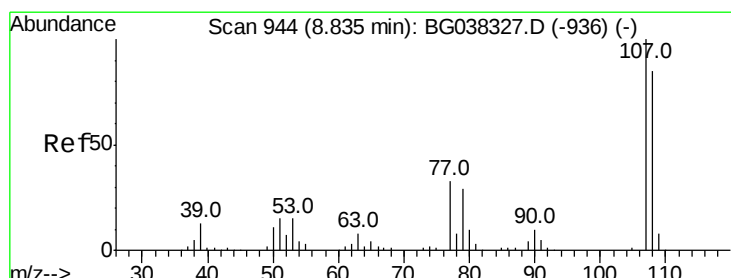
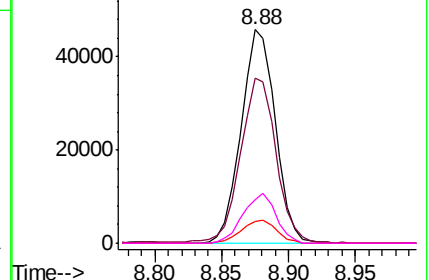
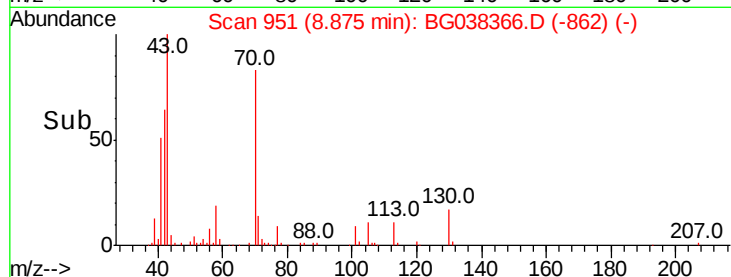


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.168 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Tgt Ion: 107 Resp: 113450

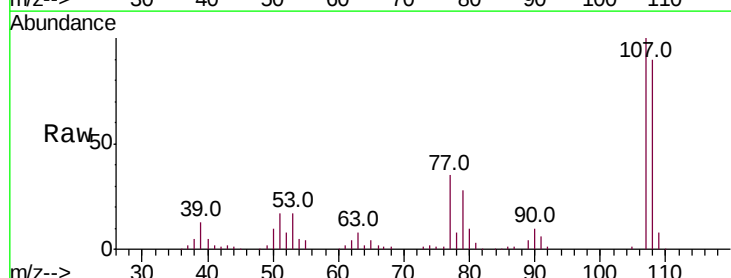
Ion Ratio Lower Upper

107 100

108 89.6 69.9 109.9

77 35.5 11.2 51.2

79 28.4 6.6 46.6

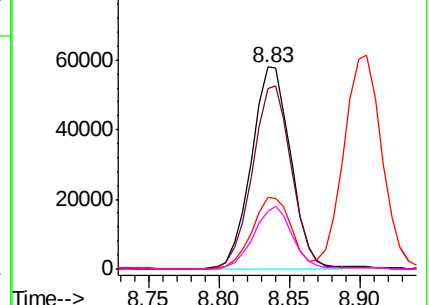
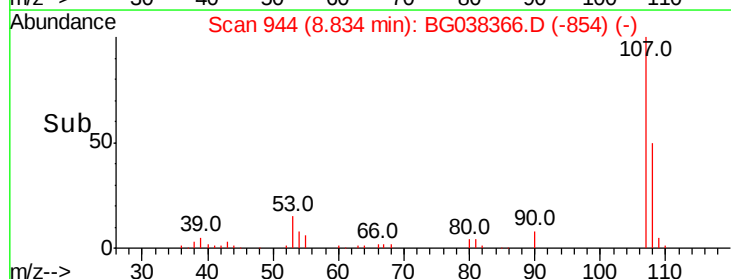


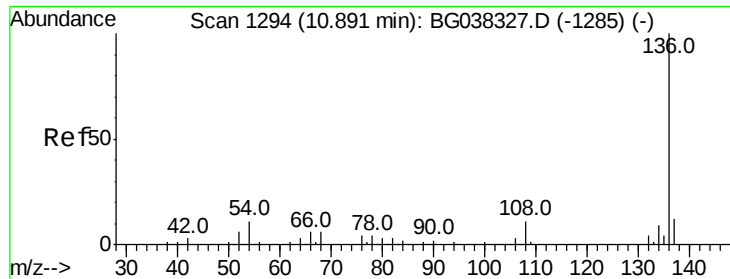
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

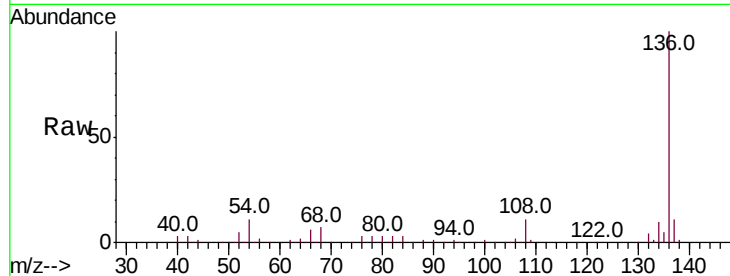




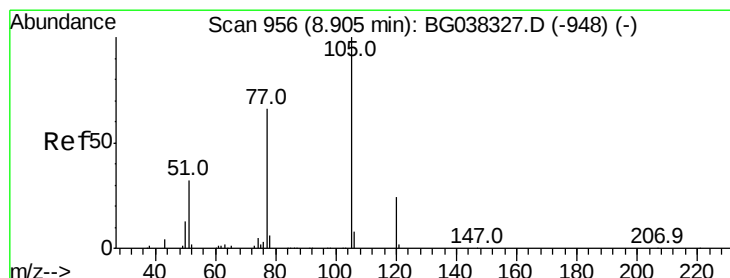
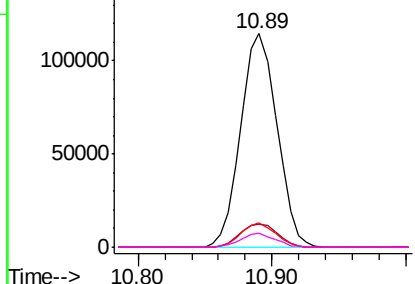
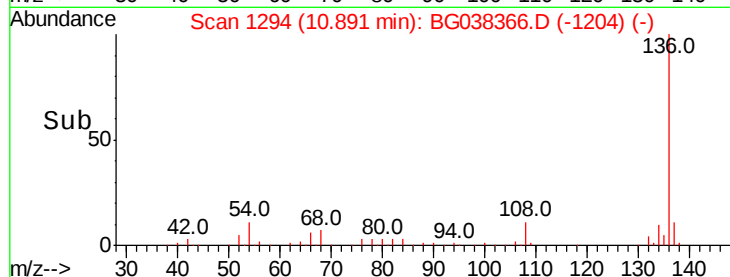
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	136	Resp:	216151
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.2	7.9	11.9
68	6.6	4.8	7.2

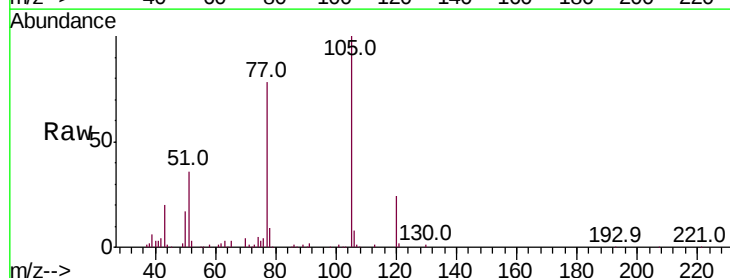


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

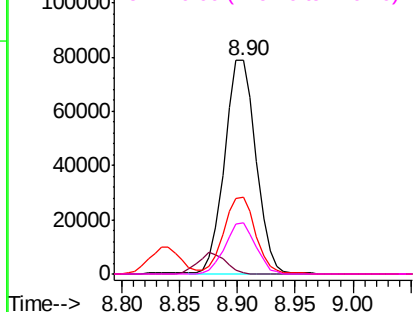
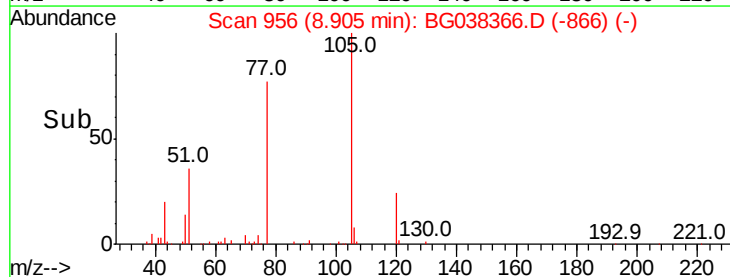


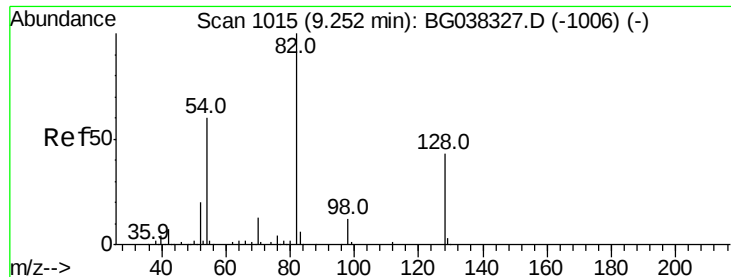
#22
Acetophenone
Concen: 27.724 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:	105	Resp:	148814
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	36.2	25.0	37.6
120	24.3	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

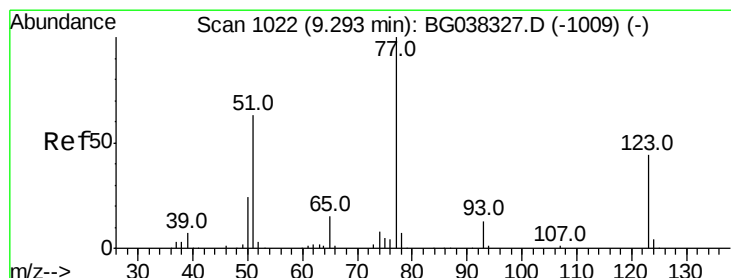
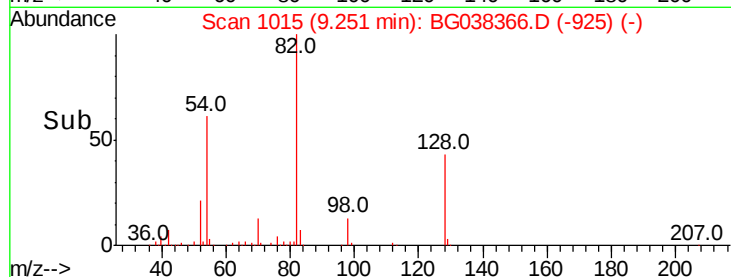
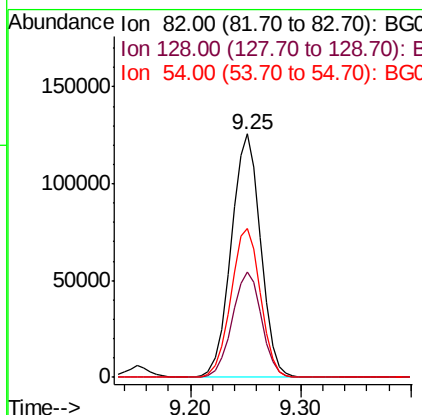
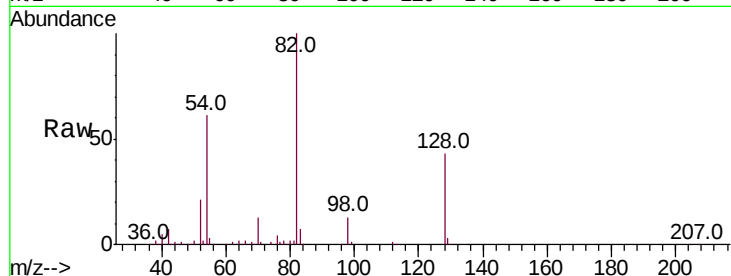




#23
 Nitrobenzene-d5
 Concen: 53.932 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

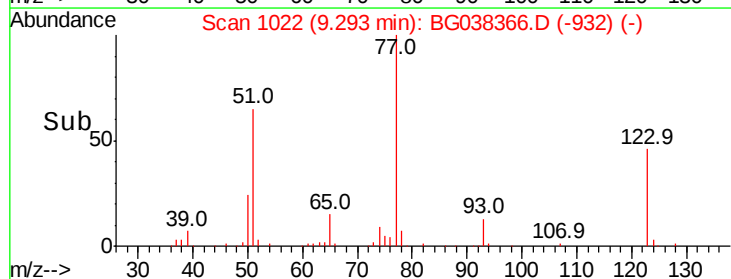
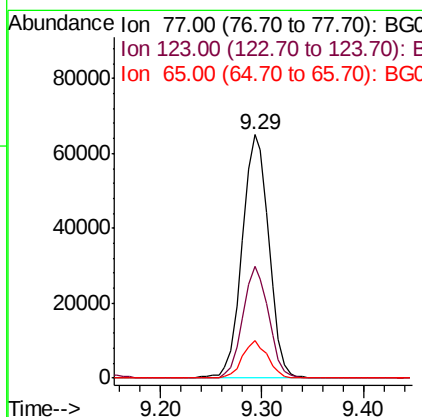
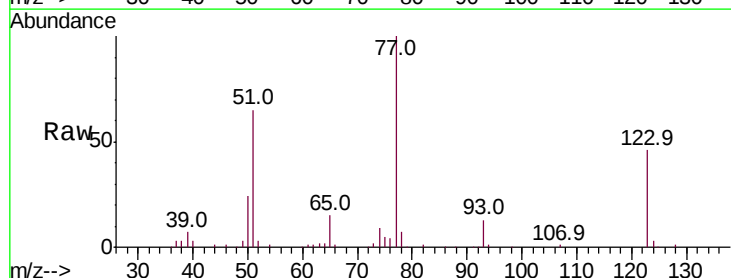
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

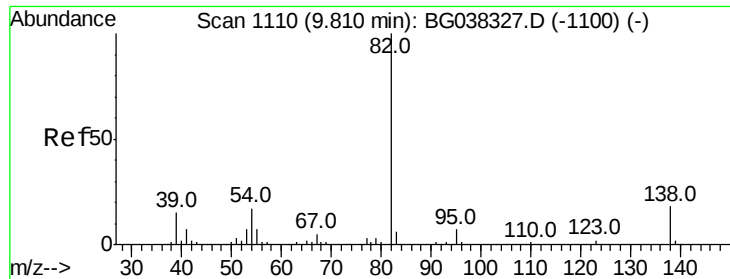
Tot Ion: 82 Resp: 234801
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 51.8
 54 61.4 45.3 67.9



#24
 Nitrobenzene
 Concen: 26.752 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Tgt Ion: 77 Resp: 118330
 Ion Ratio Lower Upper
 77 100
 123 45.9 33.6 50.4
 65 15.3 11.3 16.9





#25

Isophorone

Concen: 27.374 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

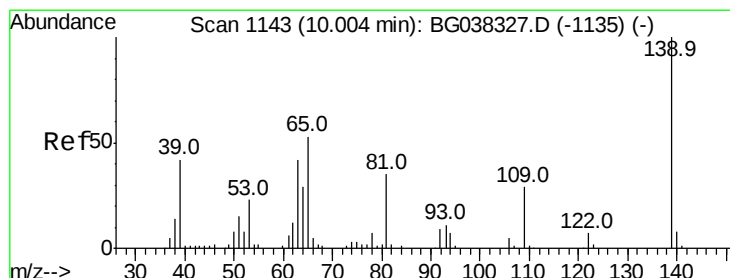
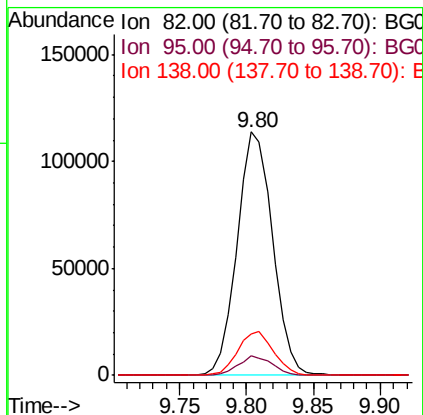
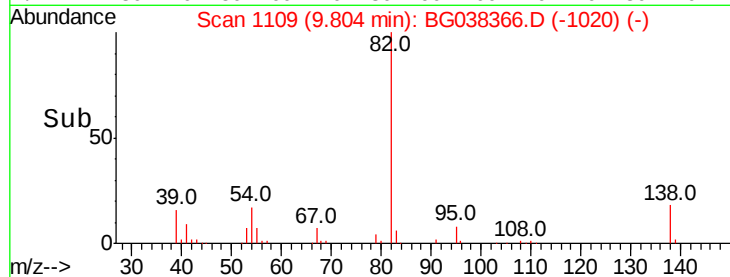
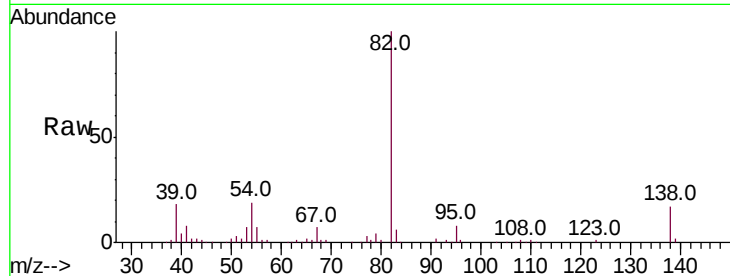
Tot Ion: 82 Resp: 209438

Ion Ratio Lower Upper

82 100

95 7.8 5.3 7.9

138 17.2 13.3 19.9



#26

2-Nitrophenol

Concen: 30.135 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

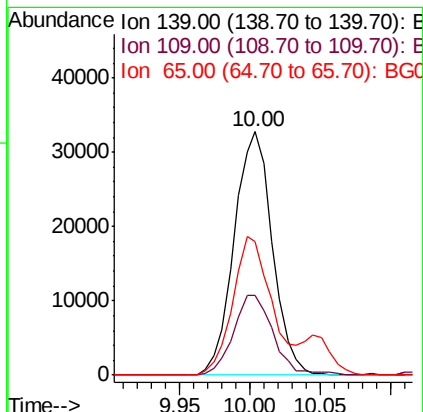
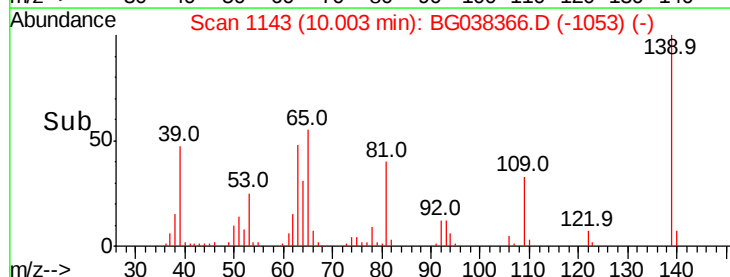
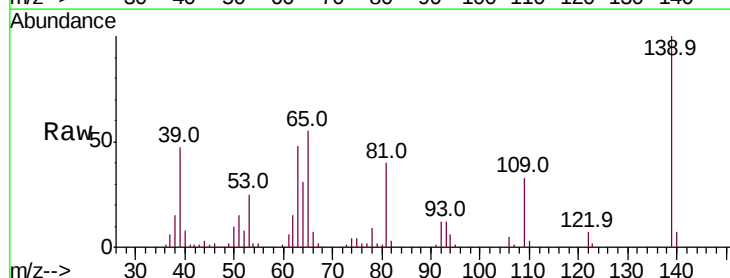
Tgt Ion: 139 Resp: 61762

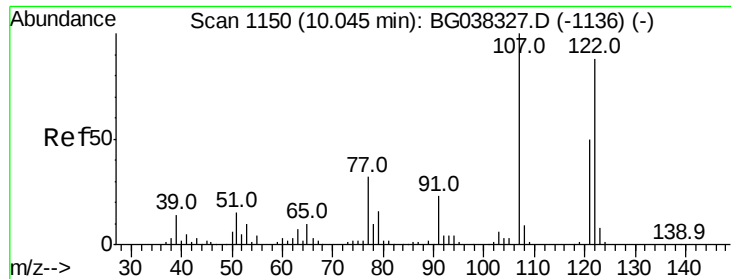
Ion Ratio Lower Upper

139 100

109 32.8 23.3 34.9

65 54.8 39.8 59.8

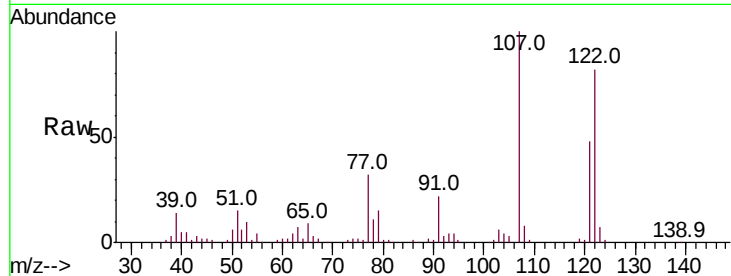




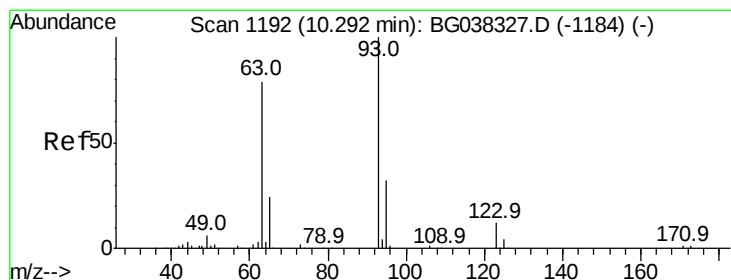
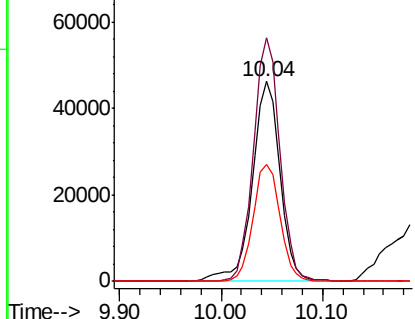
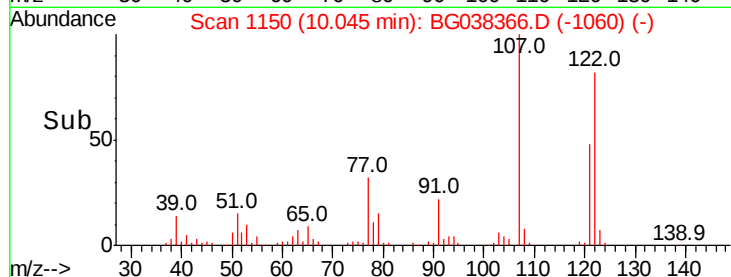
#27
2,4-Dimethylphenol
Concen: 29.925 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 88092
Ion Ratio Lower Upper
122 100
107 121.9 94.2 141.2
121 58.4 47.3 70.9

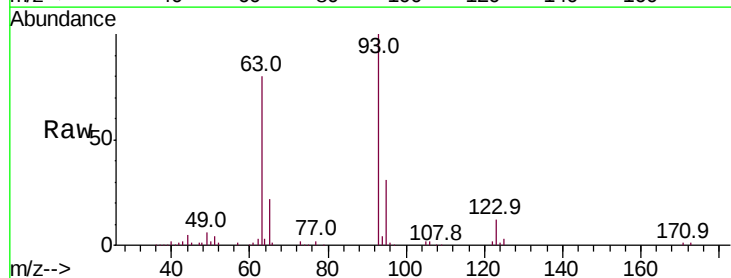


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

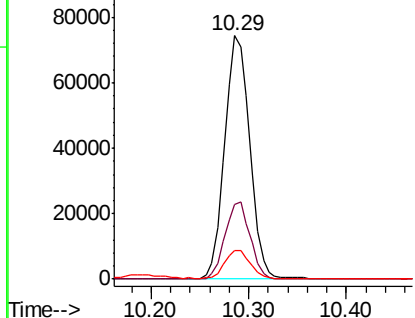
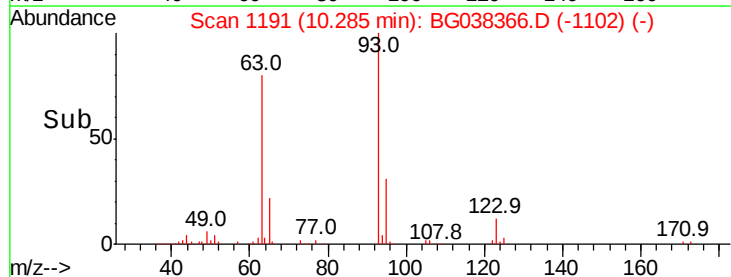


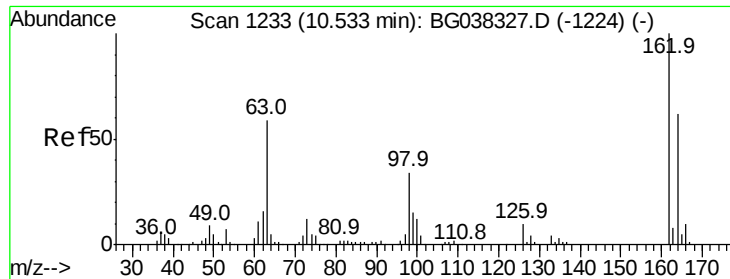
#28
bis(2-Chloroethoxy)methane
Concen: 30.241 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion: 93 Resp: 132642
Ion Ratio Lower Upper
93 100
95 30.8 24.6 37.0
123 11.6 9.1 13.7



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

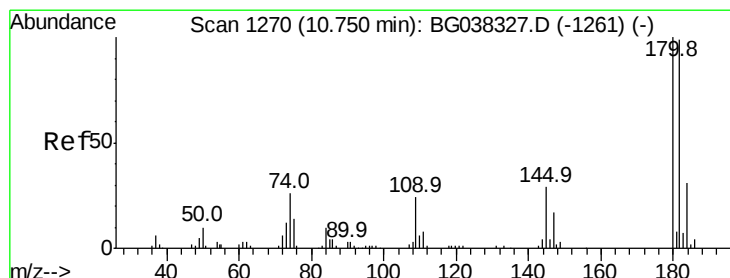
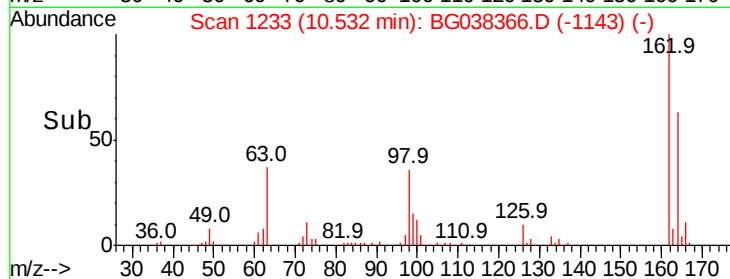
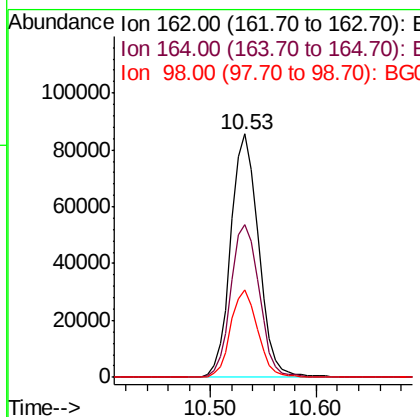
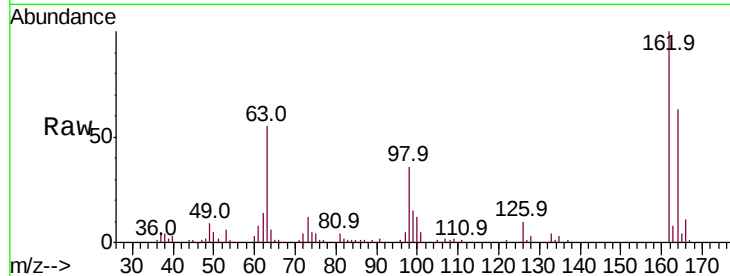




#29
 2,4-Dichlorophenol
 Concen: 46.408 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

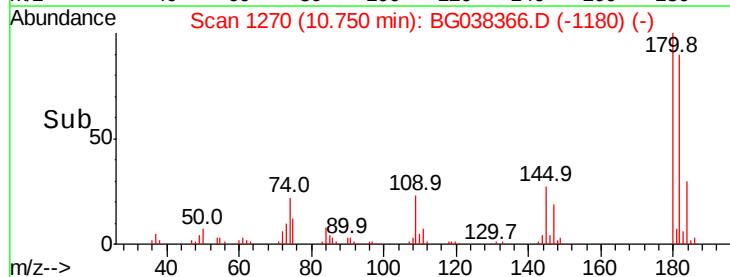
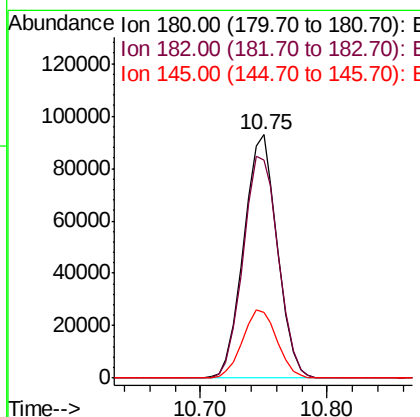
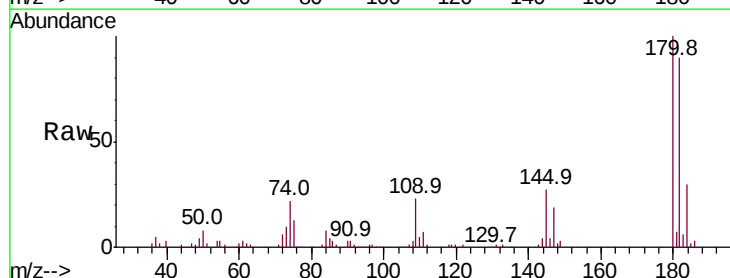
Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC040

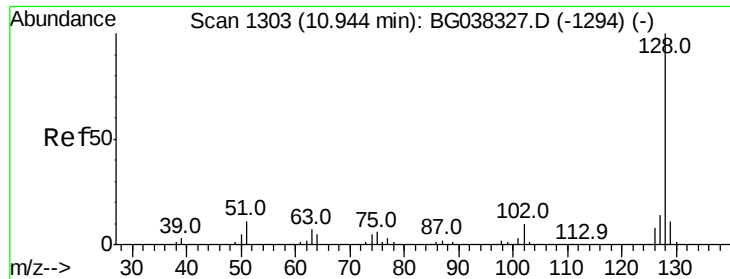
Tot Ion:162 Resp: 155948
 Ion Ratio Lower Upper
 162 100
 164 62.9 43.2 83.2
 98 35.9 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.198 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Tgt Ion:180 Resp: 170402
 Ion Ratio Lower Upper
 180 100
 182 89.8 77.7 116.5
 145 26.8 23.3 34.9

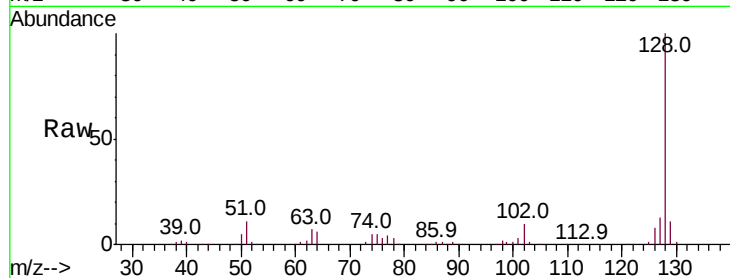




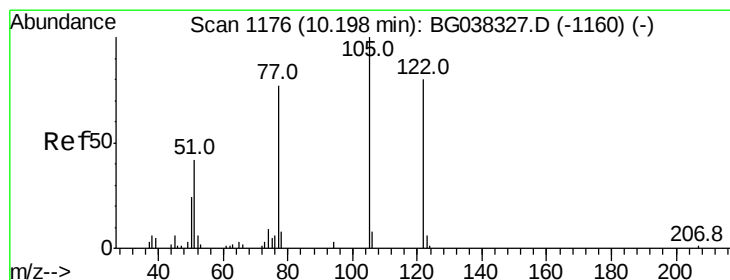
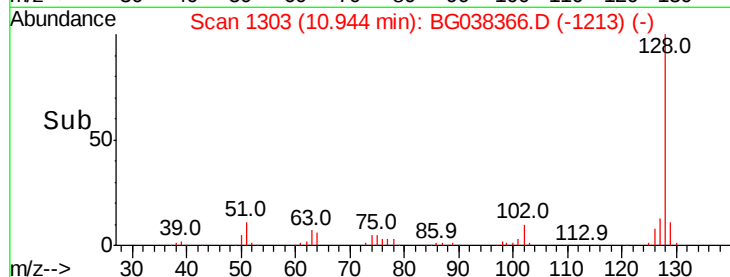
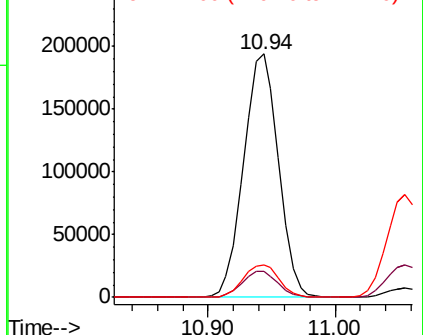
#31
Naphthalene
Concen: 35.817 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 369806
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 11.1 16.7

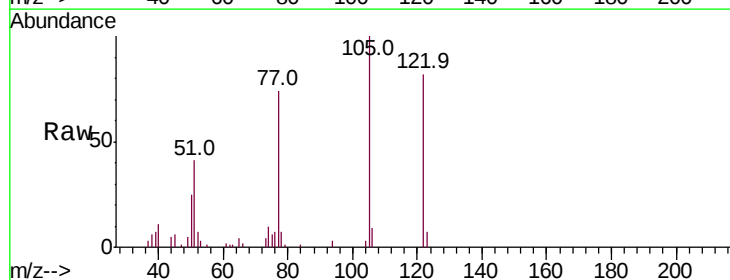


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

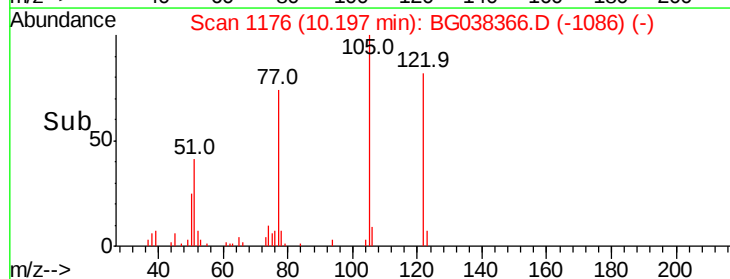
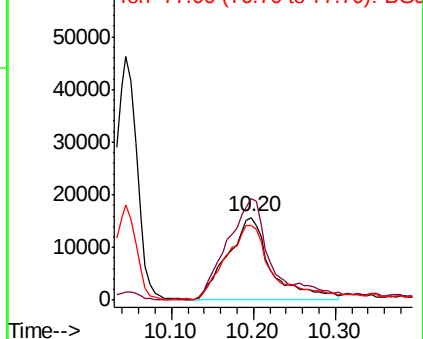


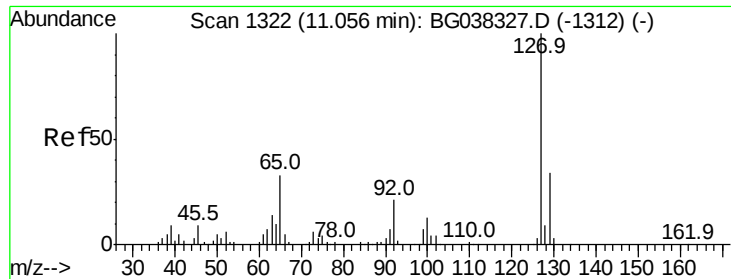
#32
Benzoic acid
Concen: 29.974 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:122 Resp: 58498
Ion Ratio Lower Upper
122 100
105 122.1 106.7 146.7
77 90.3 72.2 112.2



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

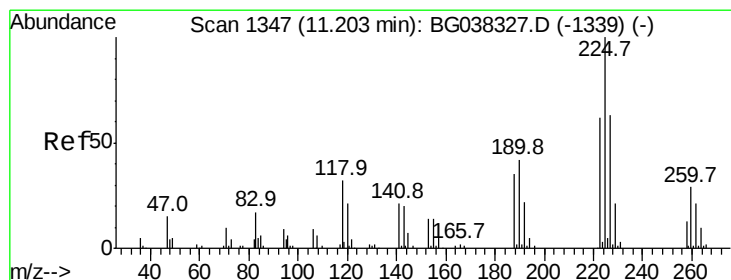
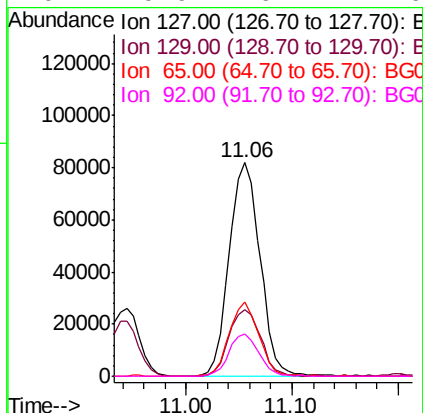
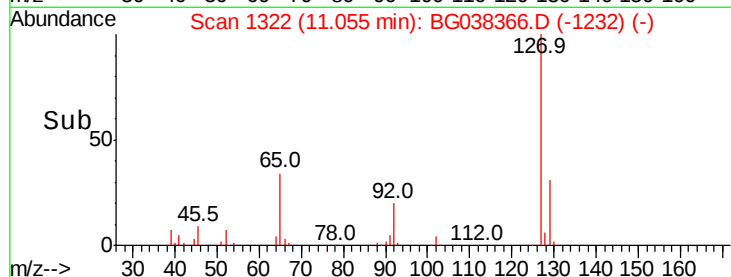
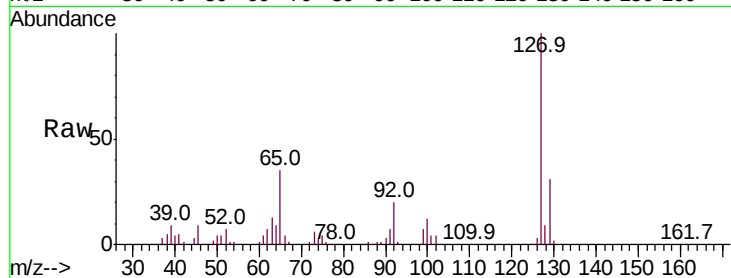




#33
4-Chloroaniline
Concen: 36.267 ng
RT: 11.06 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

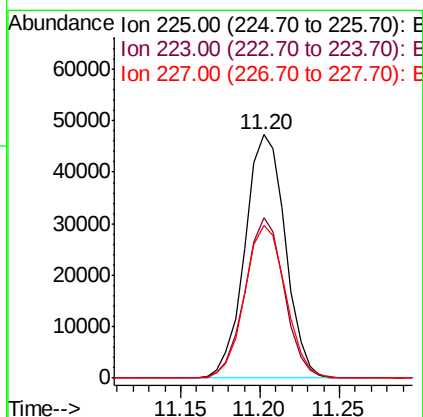
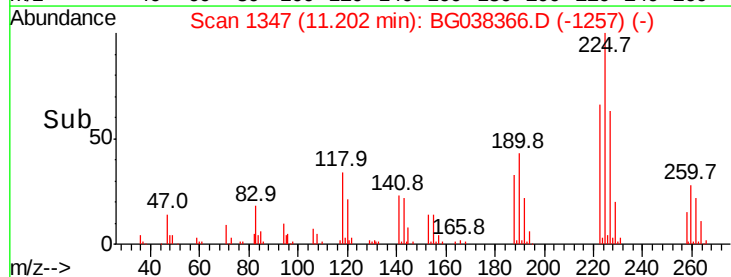
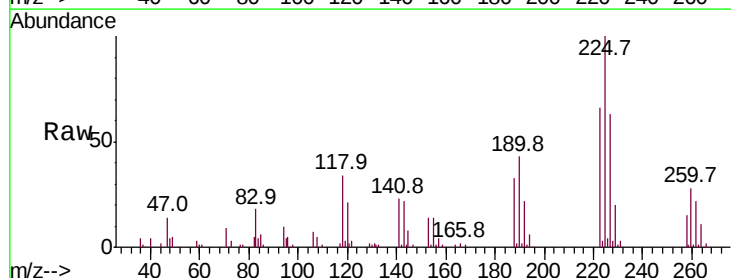
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

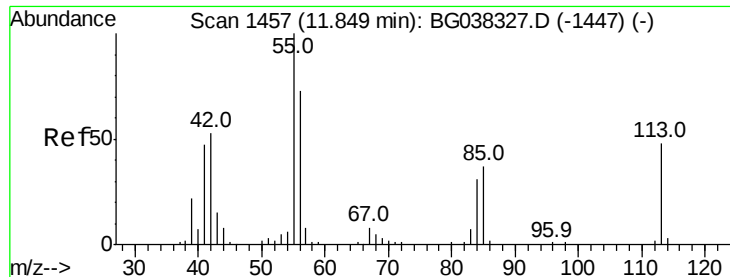
Tot Ion:127 Resp: 165766
Ion Ratio Lower Upper
127 100
129 31.4 27.1 40.7
65 34.5 26.6 39.8
92 19.9 16.4 24.6



#34
Hexachlorobutadiene
Concen: 33.914 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:225 Resp: 83693
Ion Ratio Lower Upper
225 100
223 63.3 48.2 72.4
227 63.3 51.6 77.4





#35

Caprolactam

Concen: 31.389 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

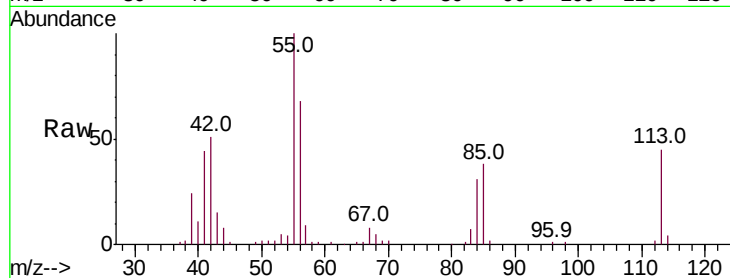
Tot Ion:113 Resp: 43619

Ion Ratio Lower Upper

113 100

55 223.5 176.6 216.6#

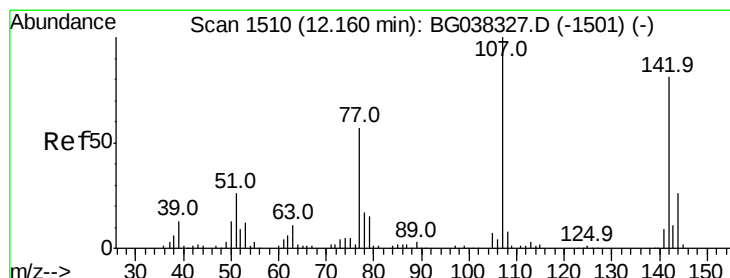
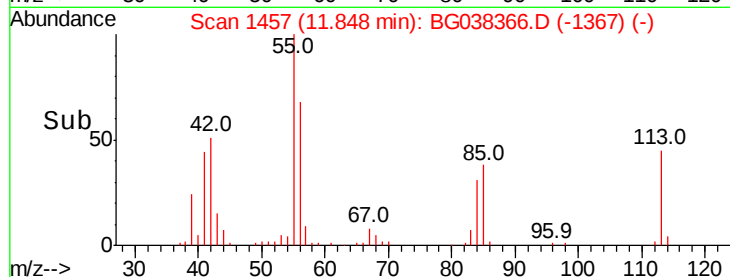
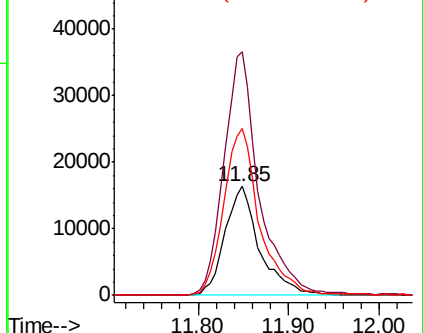
56 152.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGO

Ion 56.00 (55.70 to 56.70): BGO



#36

4-Chloro-3-methylphenol

Concen: 30.900 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

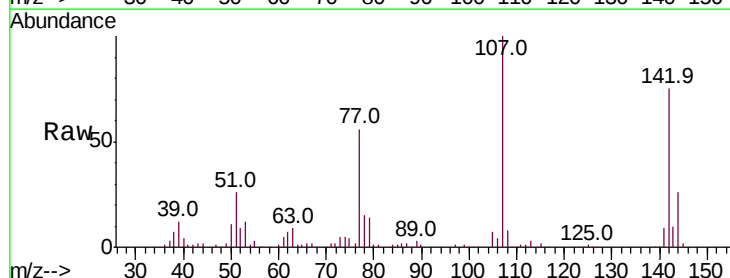
Tgt Ion:107 Resp: 115368

Ion Ratio Lower Upper

107 100

144 26.2 20.7 31.1

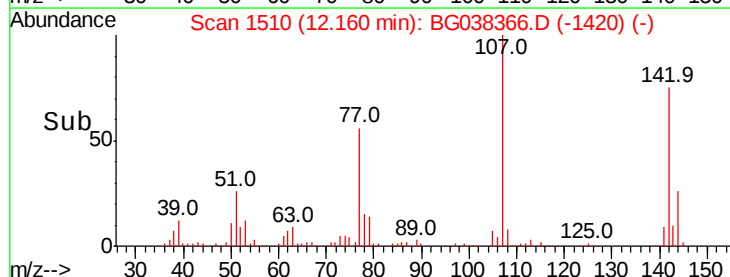
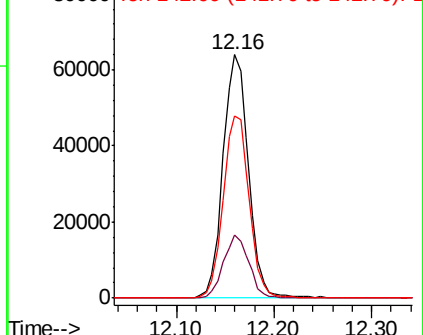
142 74.9 64.4 96.6

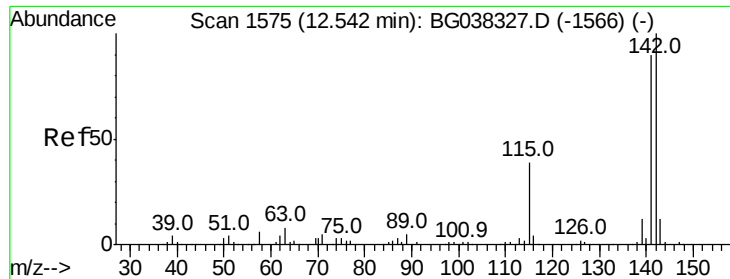


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

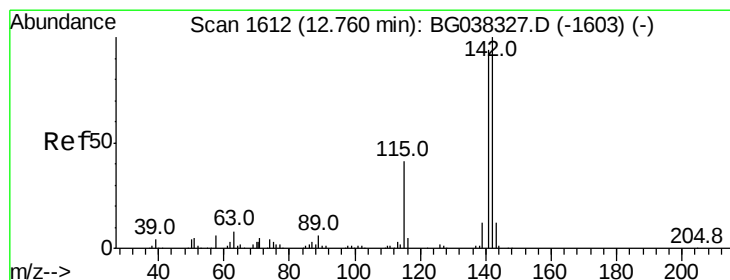
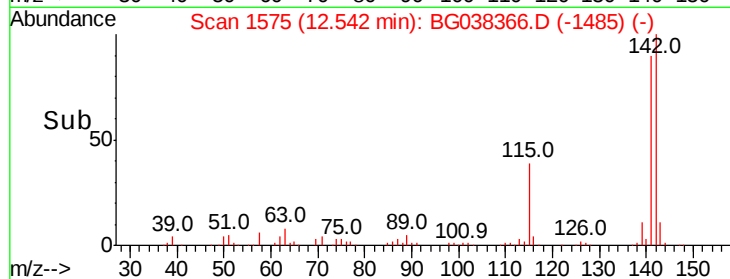
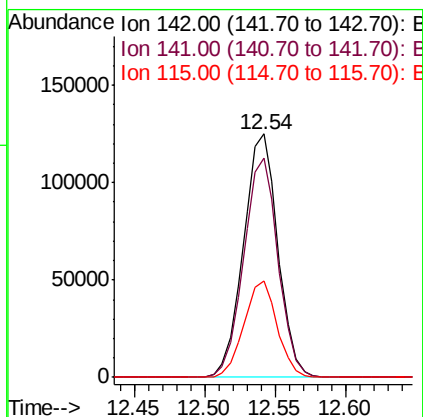
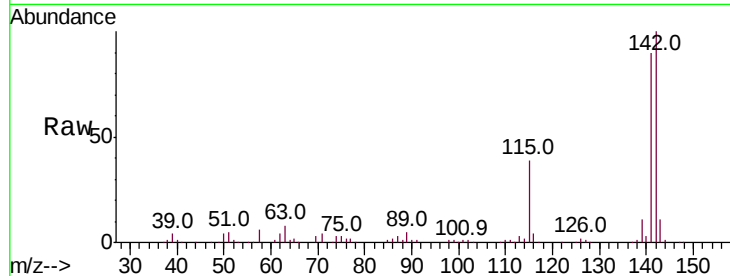




#37
2-Methylnaphthalene
Concen: 29.003 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

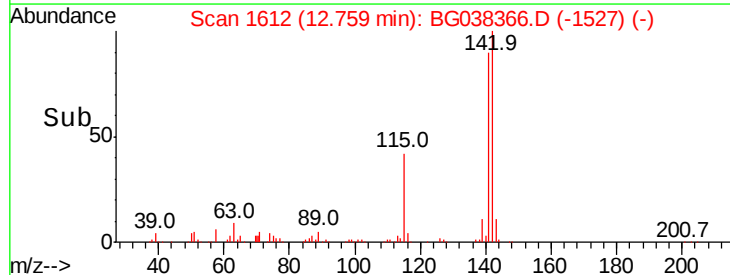
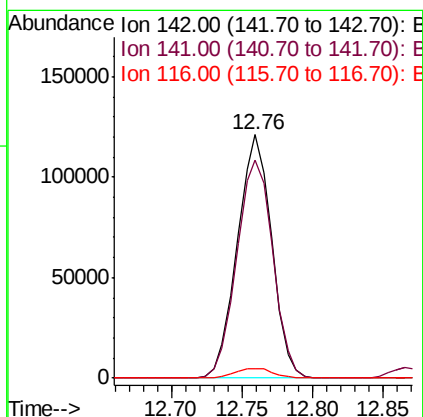
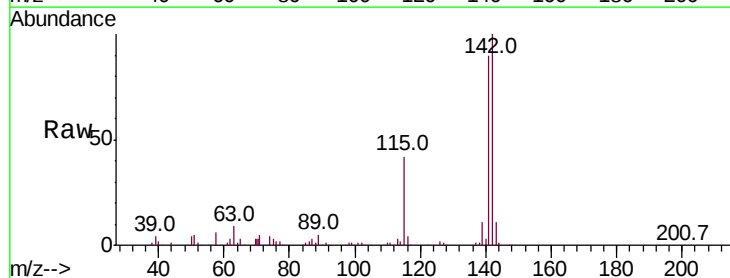
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

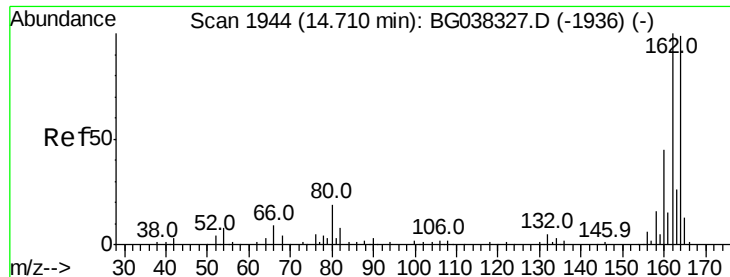
Tot Ion:142 Resp: 213261
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9
115 39.4 27.8 41.8



#38
1-Methylnaphthalene
Concen: 29.248 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:142 Resp: 205974
Ion Ratio Lower Upper
142 100
141 89.8 75.2 112.8
116 3.9 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: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

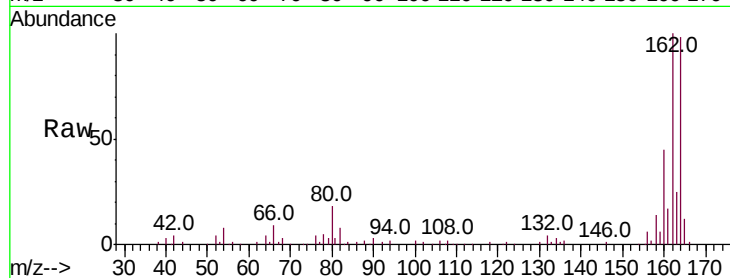
Tot Ion:164 Resp: 102620

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

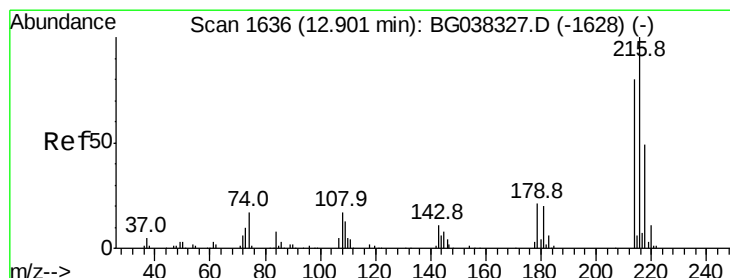
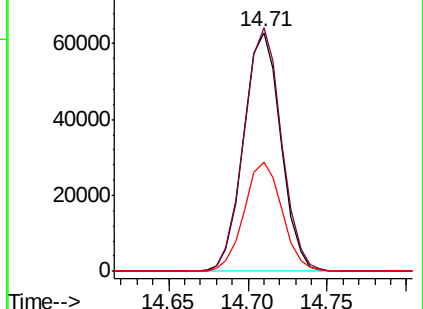
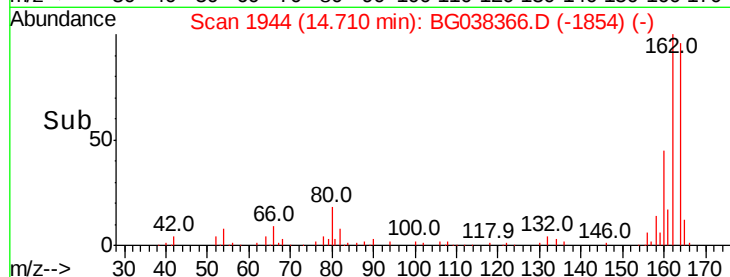
160 45.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.477 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Tgt Ion:216 Resp: 135869

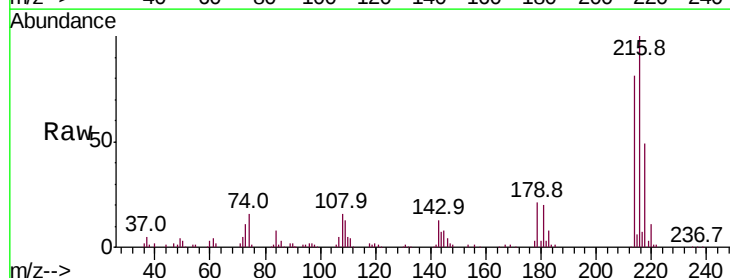
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 21.1 17.4 26.0

108 17.4 13.9 20.9

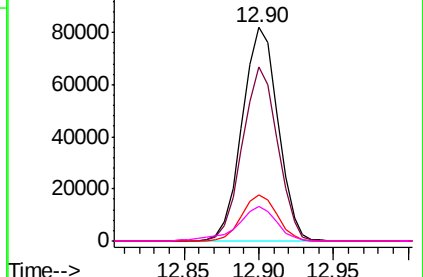
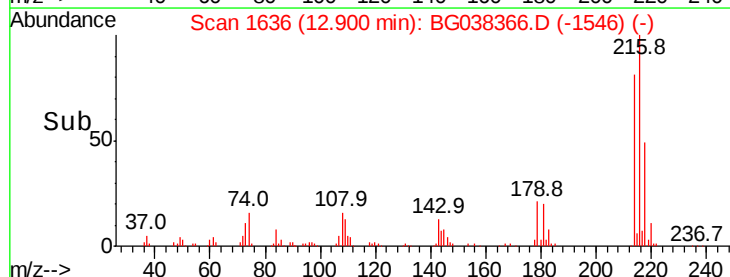


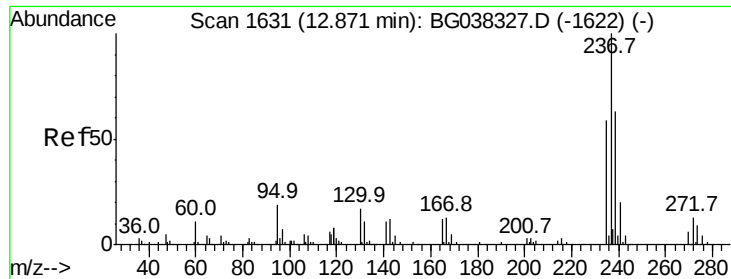
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.861 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

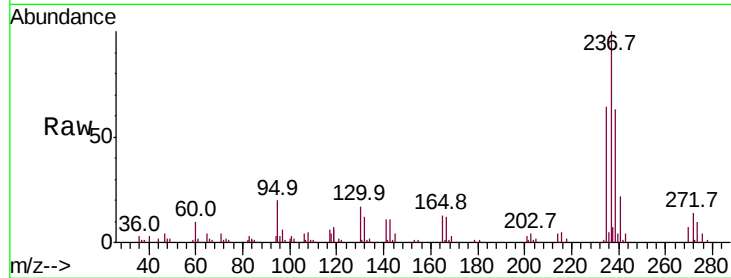
Tot Ion:237 Resp: 73469

Ion Ratio Lower Upper

237 100

235 64.1 42.5 82.5

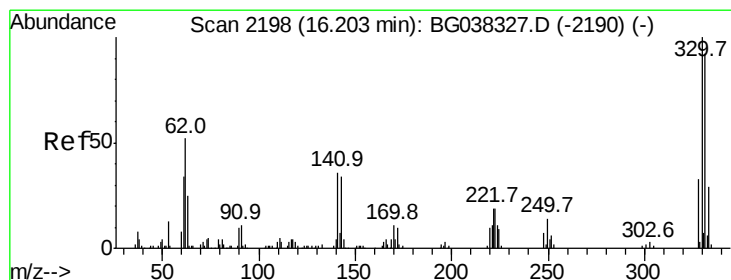
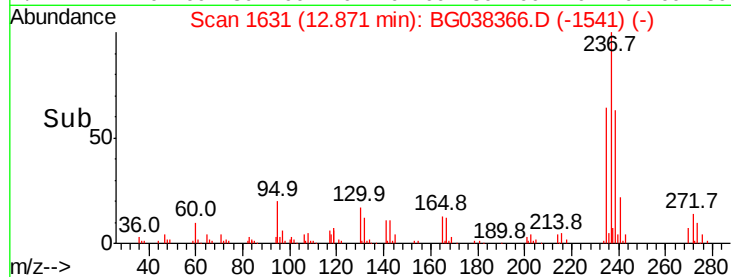
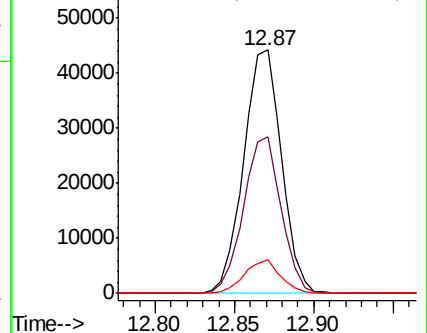
272 13.8 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.705 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

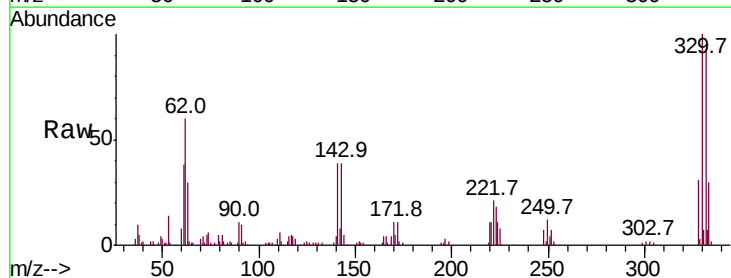
Tgt Ion:330 Resp: 104190

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

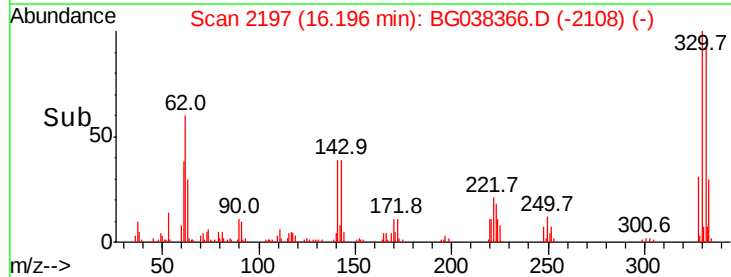
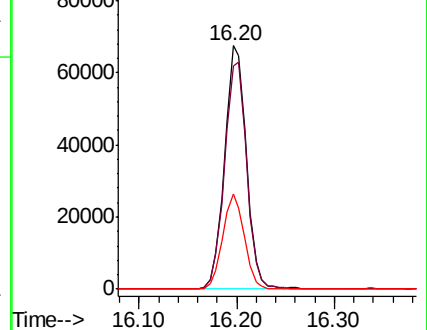
141 38.7 32.2 48.2

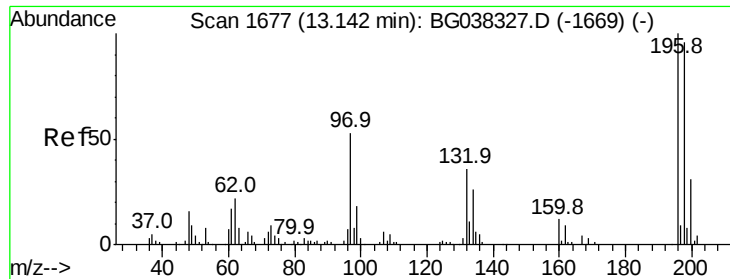


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

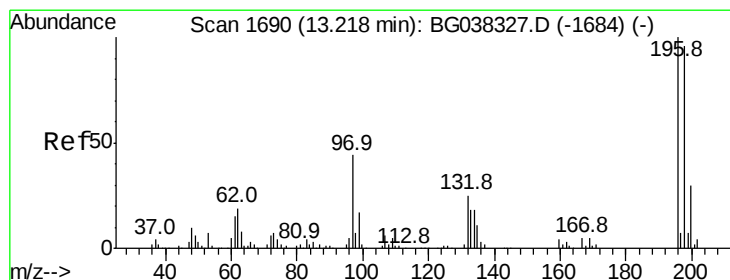
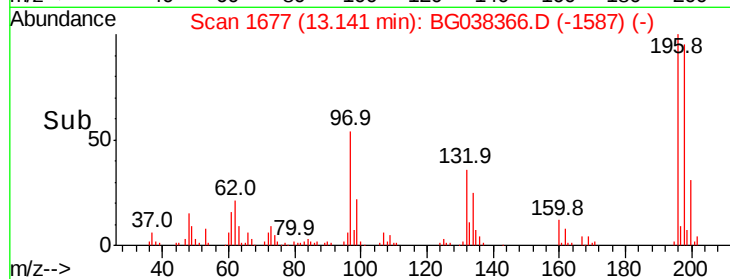
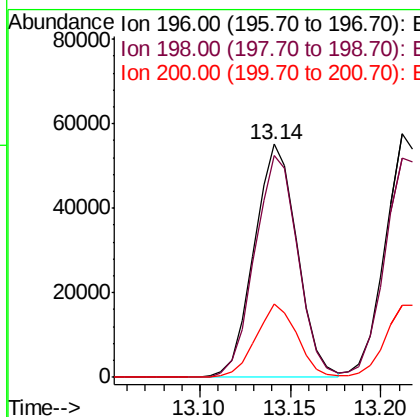
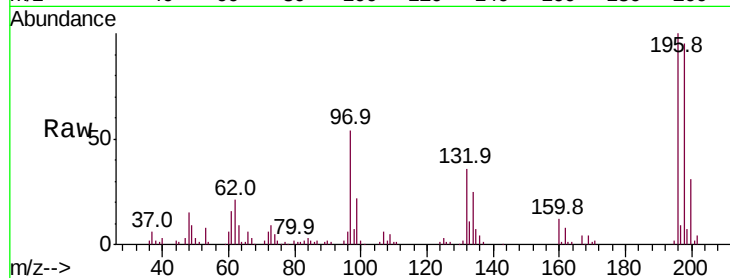




#43
 2,4,6-Trichlorophenol
 Concen: 39.800 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

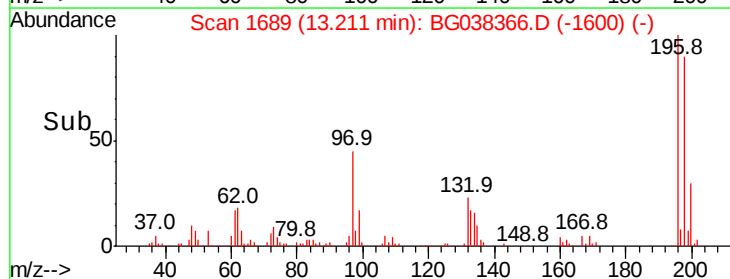
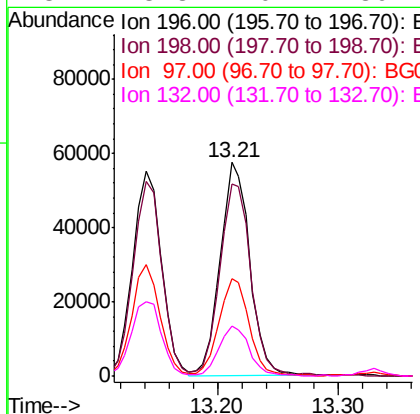
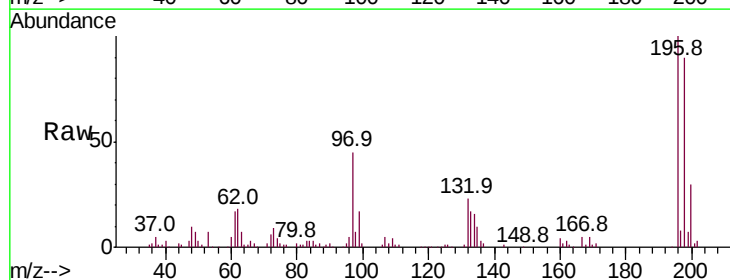
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

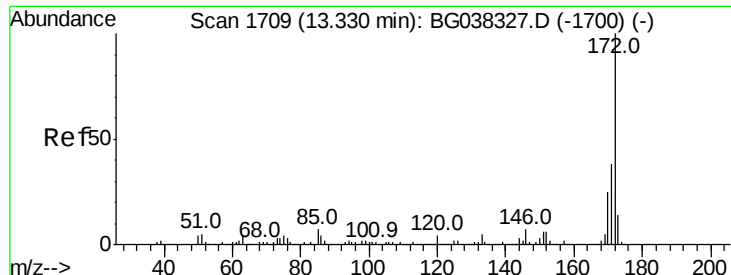
Tot Ion:196 Resp: 91039
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.4 114.6
 200 31.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.154 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Tgt Ion:196 Resp: 97303
 Ion Ratio Lower Upper
 196 100
 198 90.1 74.2 111.2
 97 45.4 34.1 51.1
 132 23.3 20.2 30.4

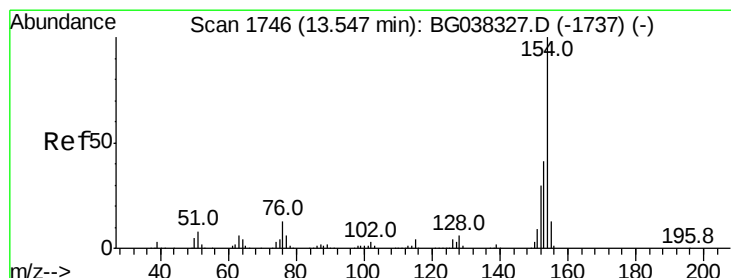
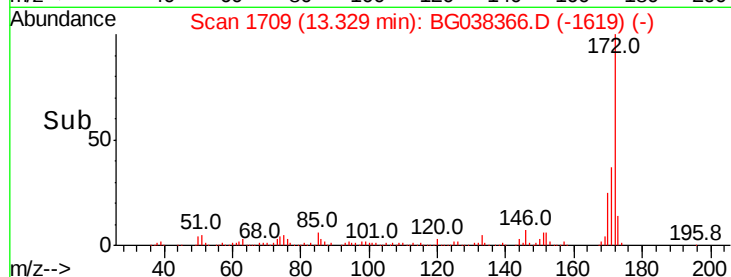
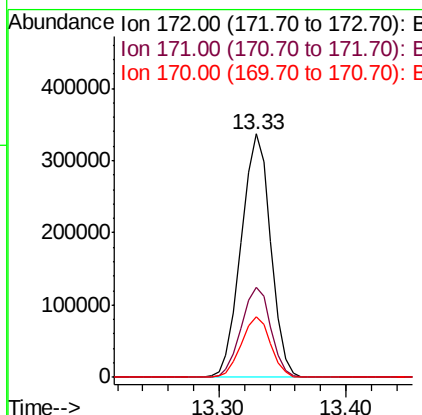
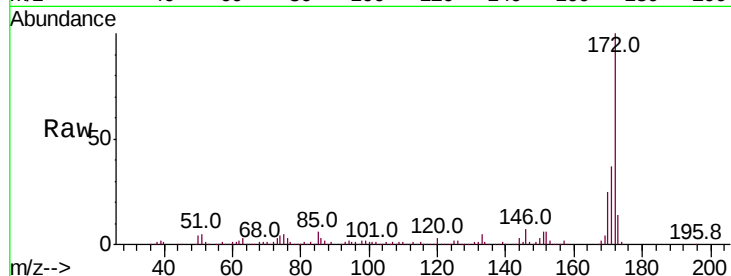




#45
2-Fluorobiphenyl
Concen: 75.327 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

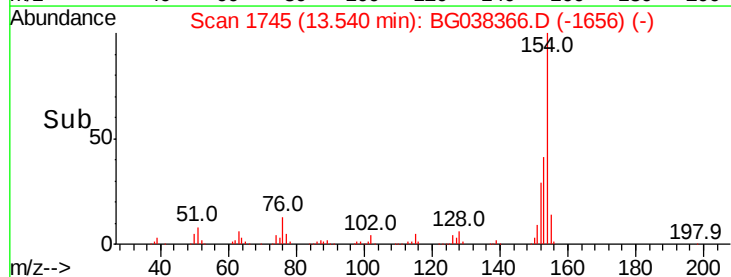
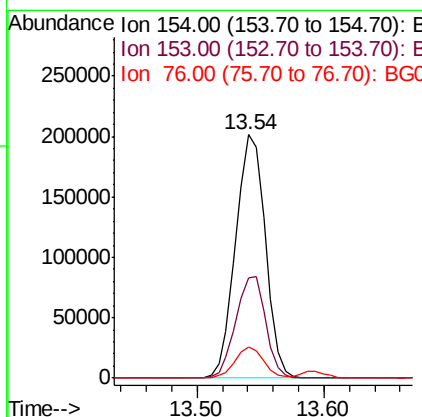
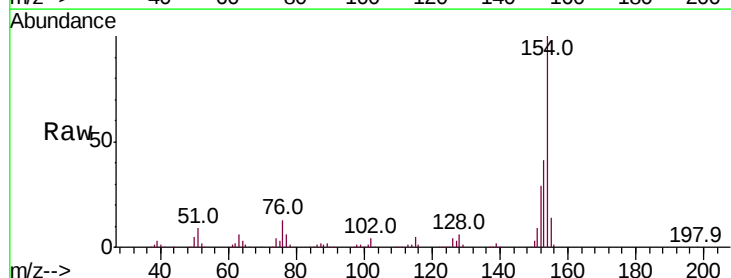
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

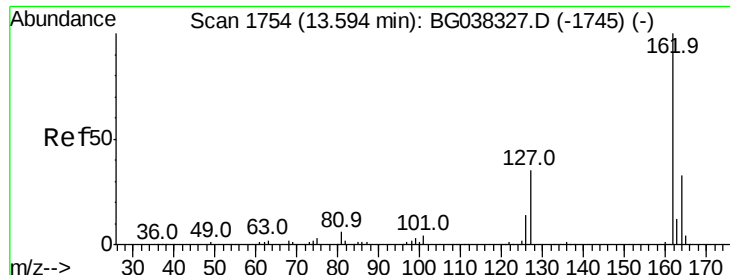
Tot Ion:172 Resp: 542493
Ion Ratio Lower Upper
172 100
171 37.2 31.0 46.4
170 24.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 37.703 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:154 Resp: 327048
Ion Ratio Lower Upper
154 100
153 41.1 22.1 62.1
76 12.6 0.0 33.2

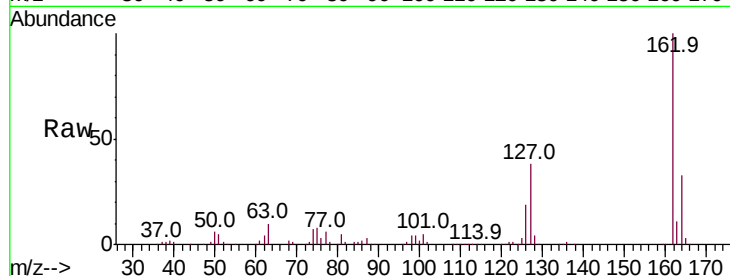




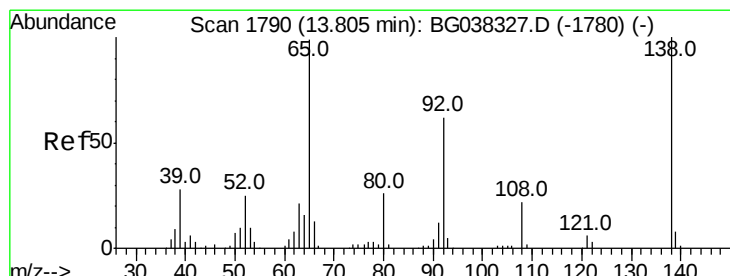
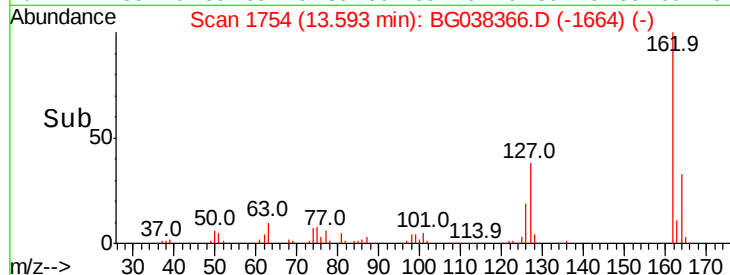
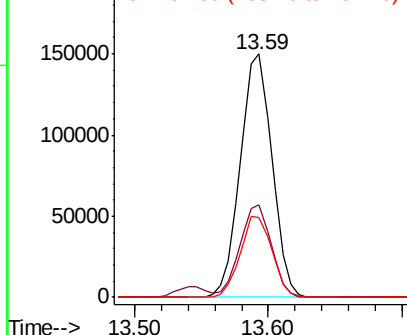
#47
2-Chloronaphthalene
Concen: 37.634 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.5	45.7
164	32.9	26.4	39.6

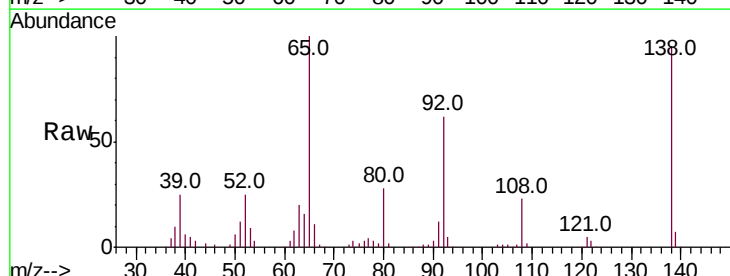


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

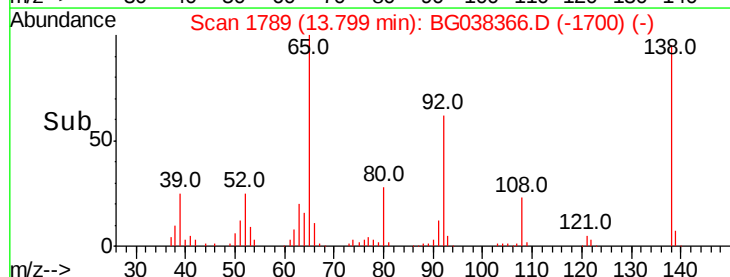
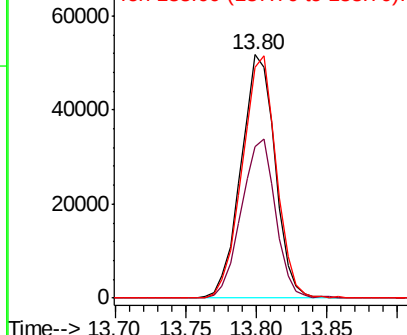


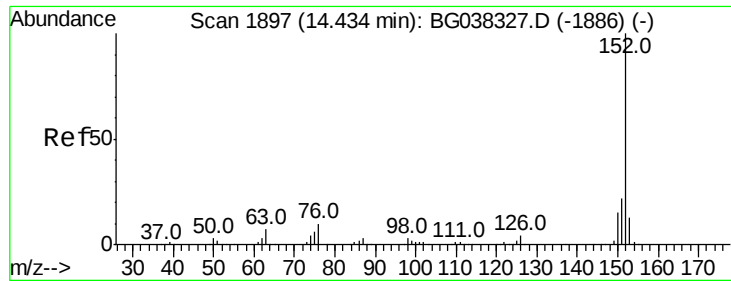
#48
2-Nitroaniline
Concen: 39.944 ng
RT: 13.80 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	53.2	79.8
138	94.7	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: 38.365 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

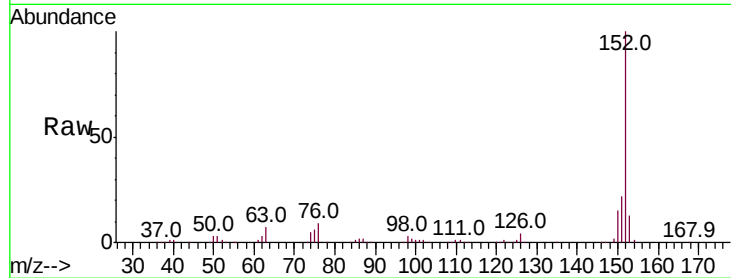
Tot Ion:152 Resp: 378206

Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

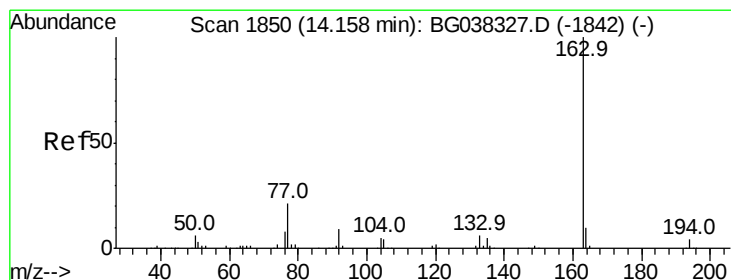
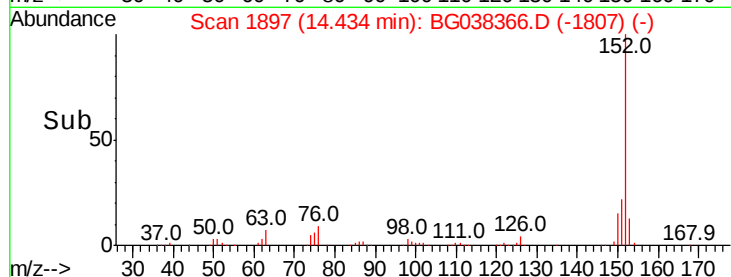
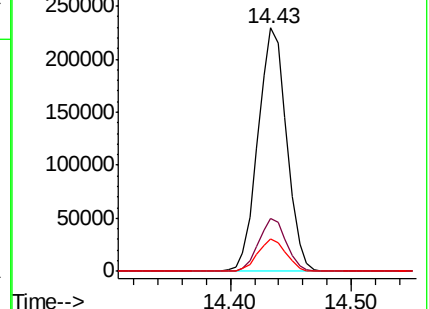
153 13.5 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.254 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

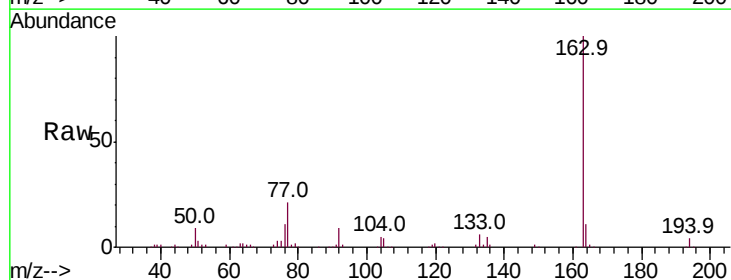
Tgt Ion:163 Resp: 323098

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

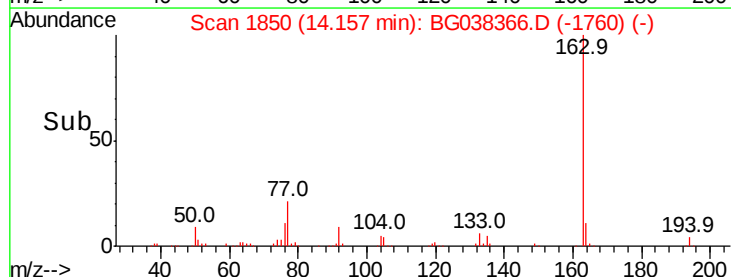
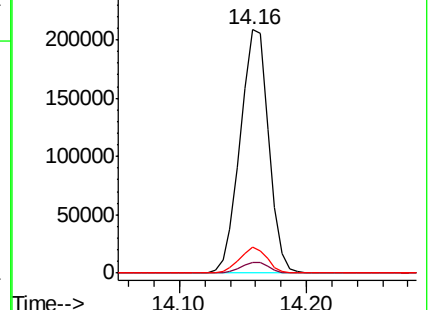
164 10.7 8.5 12.7

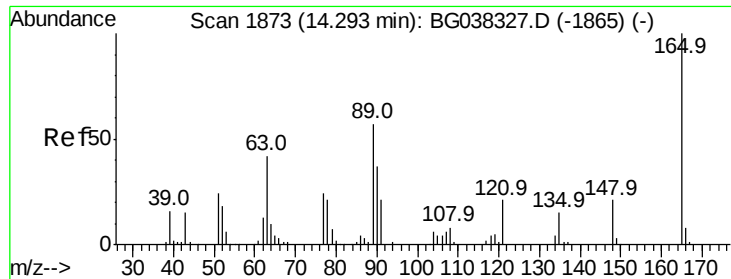


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

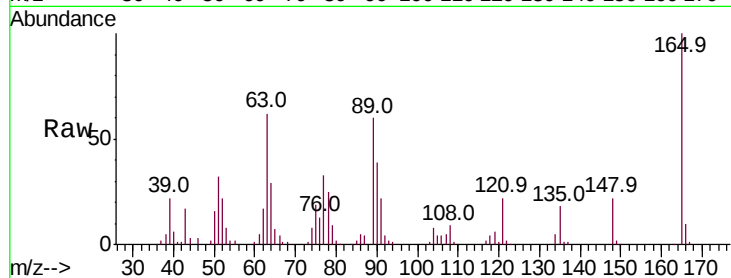




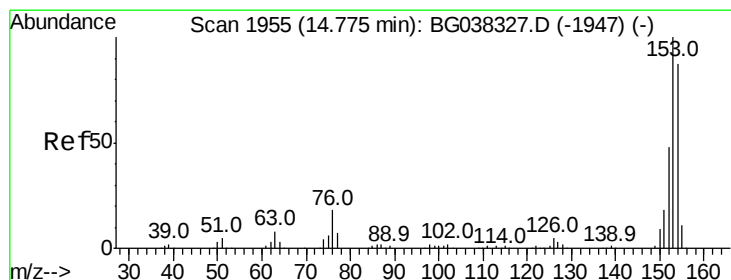
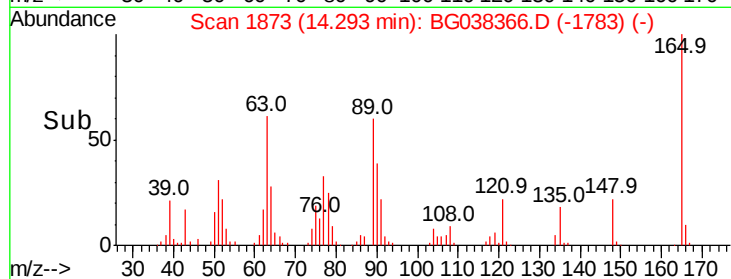
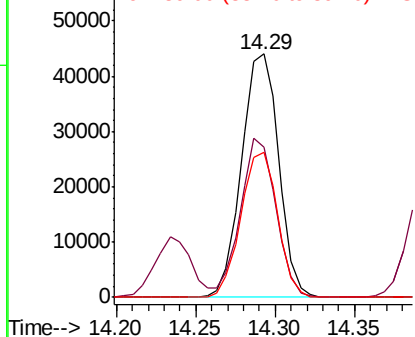
#51
 2,6-Dinitrotoluene
 Concen: 38.107 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 71649
 Ion Ratio Lower Upper
 165 100
 63 61.6 43.4 65.2
 89 59.6 45.8 68.6

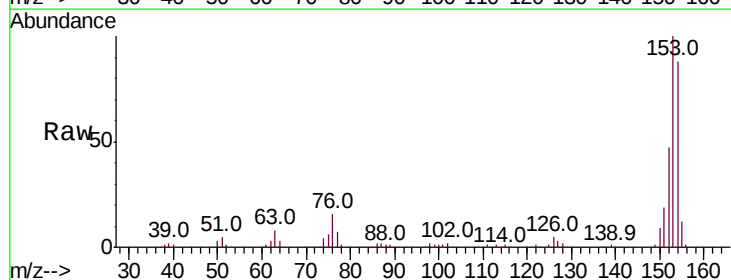


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

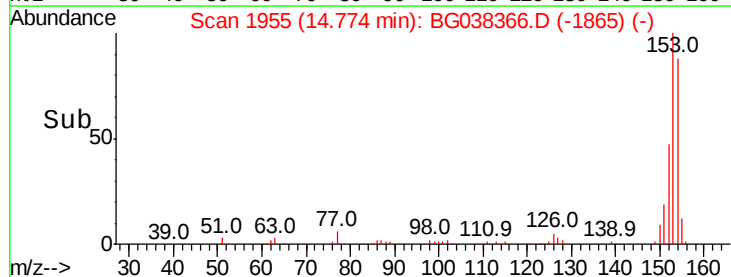
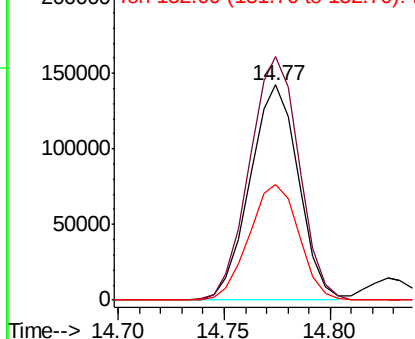


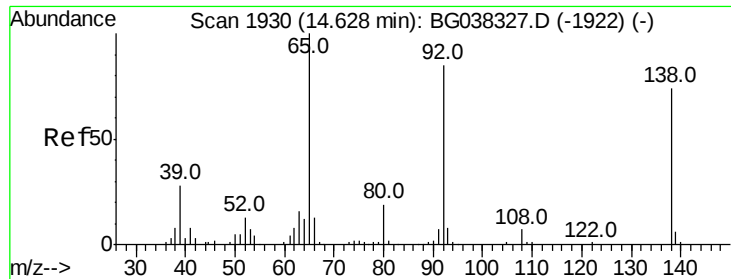
#52
 Acenaphthene
 Concen: 37.843 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Tgt Ion:154 Resp: 227428
 Ion Ratio Lower Upper
 154 100
 153 113.0 93.4 140.0
 152 53.6 44.7 67.1



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





#53

3-Nitroaniline

Concen: 39.525 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

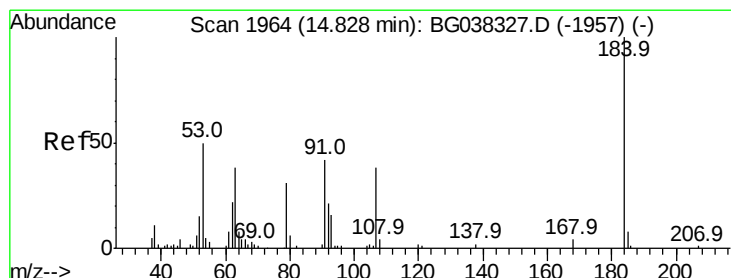
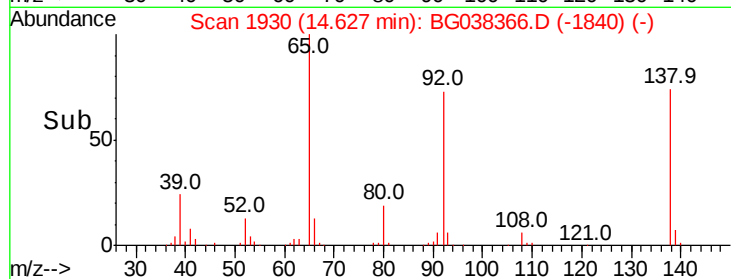
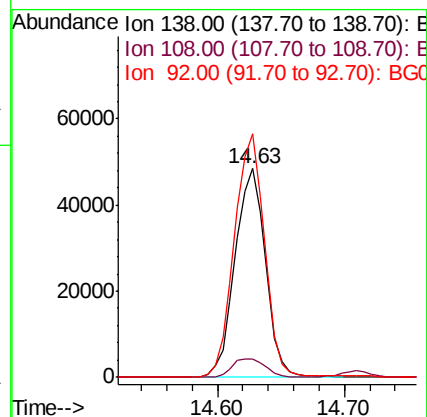
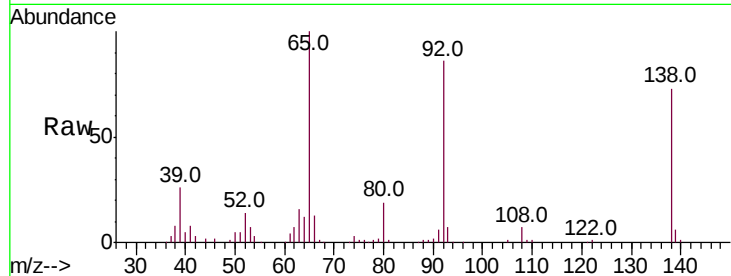
Tot Ion:138 Resp: 80036

Ion Ratio Lower Upper

138 100

108 8.9 11.0 16.6#

92 116.7 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 37.438 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

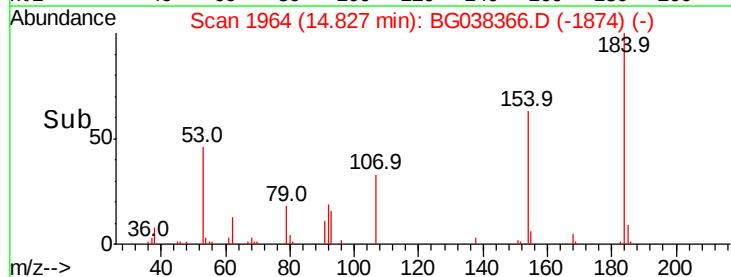
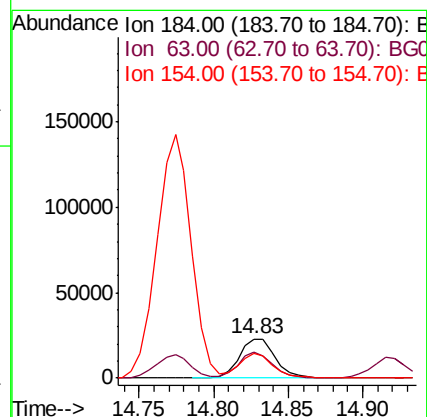
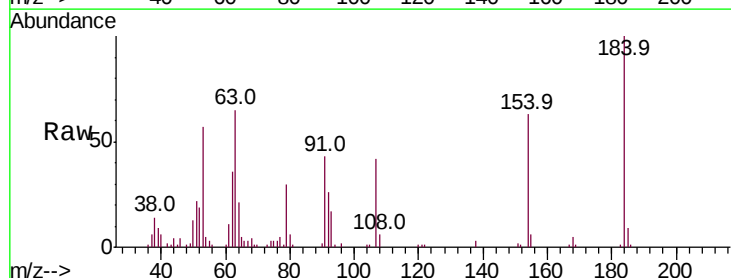
Tgt Ion:184 Resp: 38587

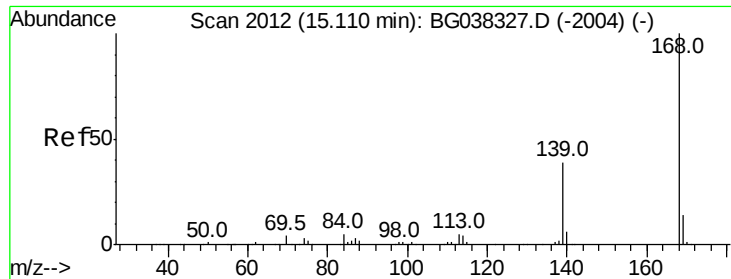
Ion Ratio Lower Upper

184 100

63 64.6 42.6 63.8#

154 63.1 41.8 62.6#

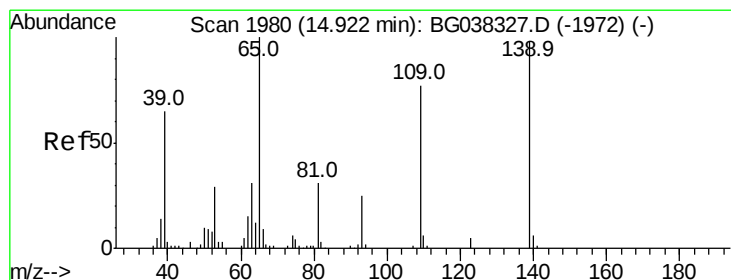
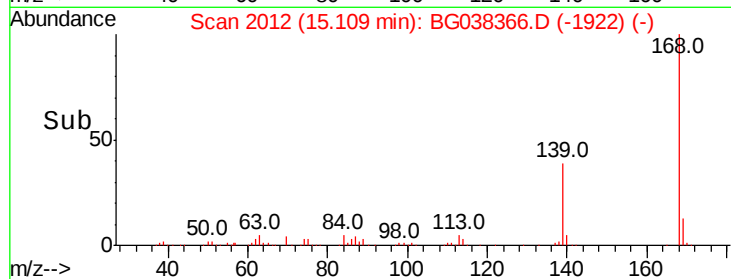
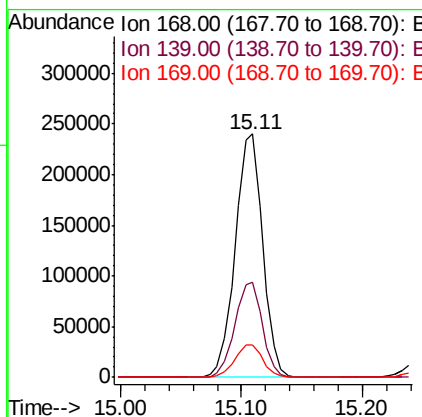
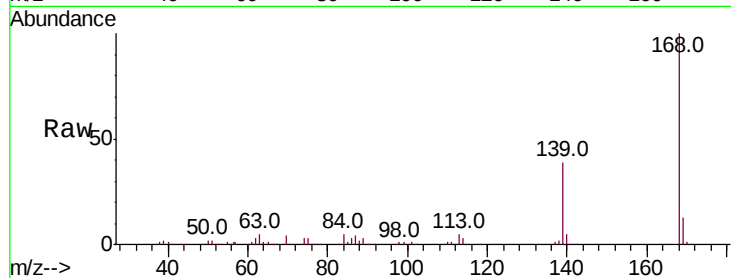




#55
Dibenzenofuran
Concen: 38.215 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

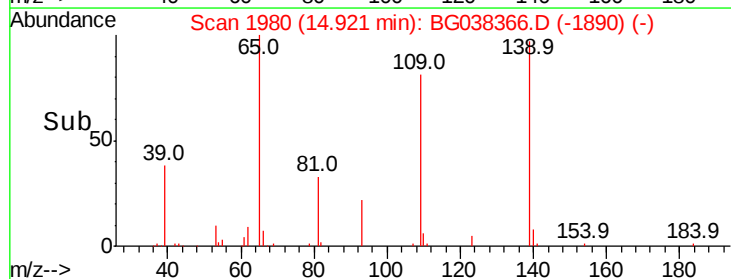
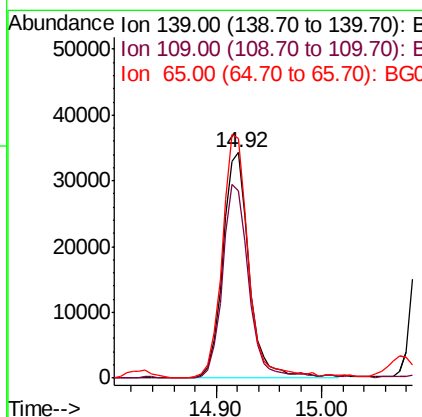
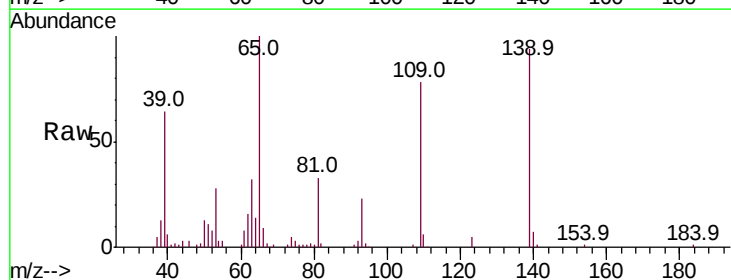
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

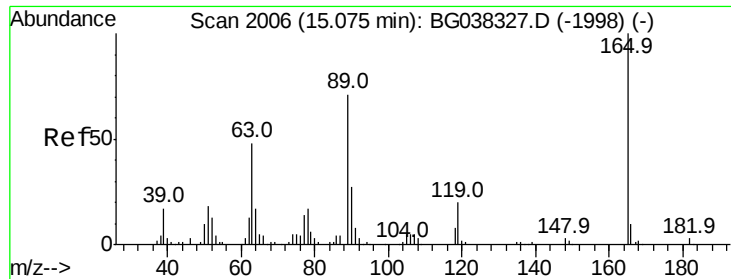
Tot Ion:168 Resp: 379691
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0
169 13.2 11.0 16.6



#56
4-Nitrophenol
Concen: 37.014 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:139 Resp: 59208
Ion Ratio Lower Upper
139 100
109 83.2 49.5 89.5
65 106.5 76.8 116.8

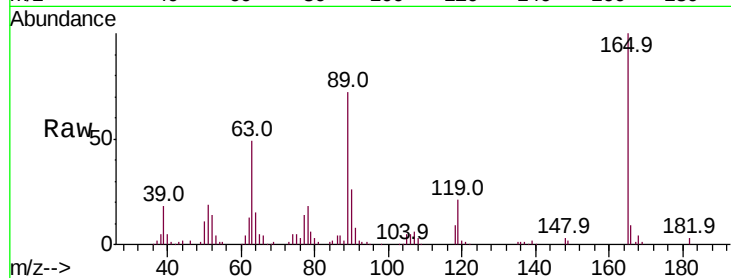




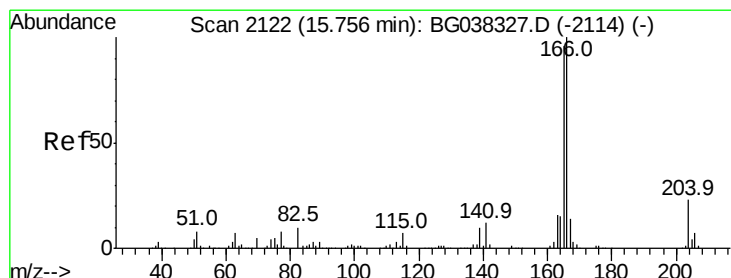
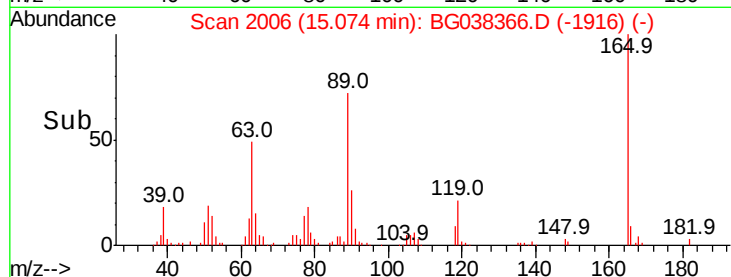
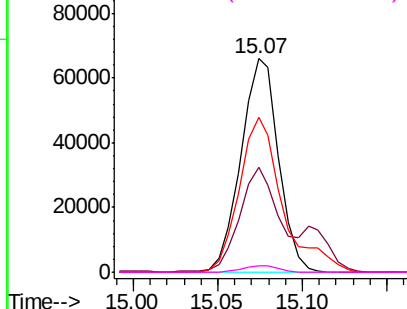
#57
2,4-Dinitrotoluene
Concen: 39.360 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 102071
Ion Ratio Lower Upper
165 100
63 49.4 33.4 50.0
89 72.4 57.2 85.8
182 3.0 2.6 4.0

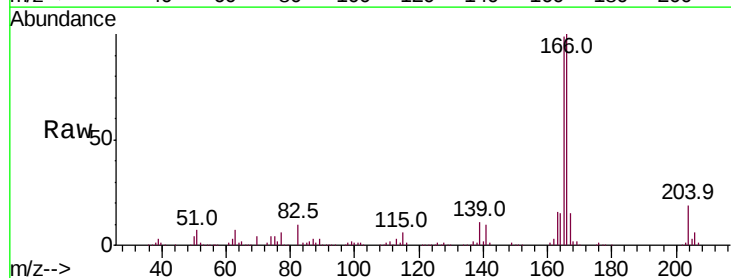


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

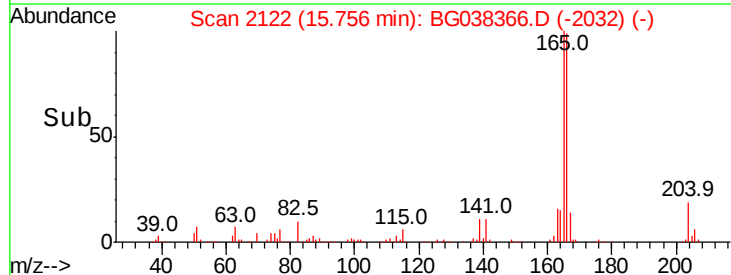
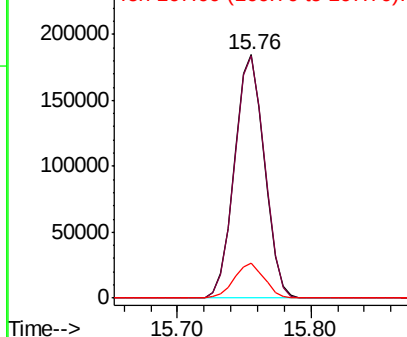


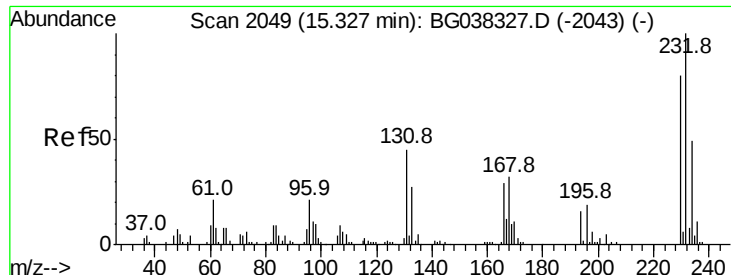
#58
Fluorene
Concen: 39.126 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:166 Resp: 286399
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 14.5 11.3 16.9



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

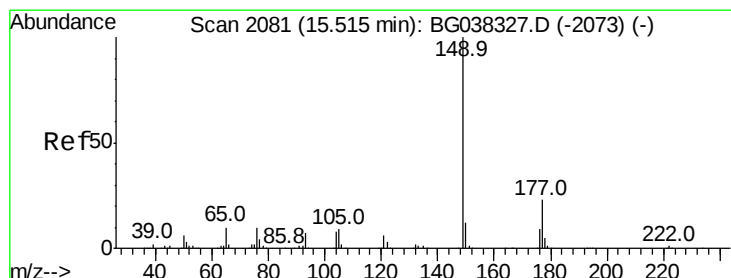
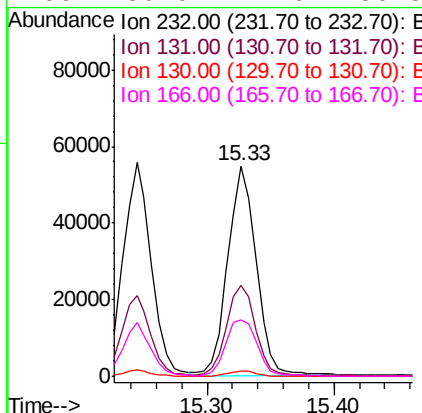
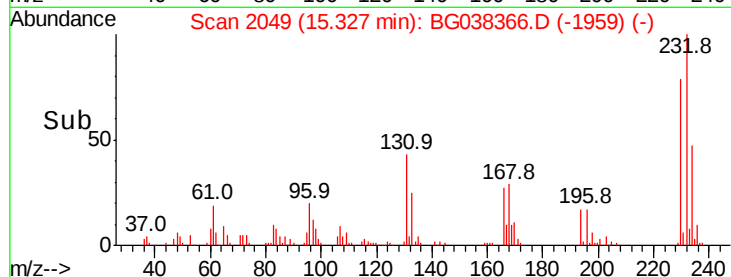
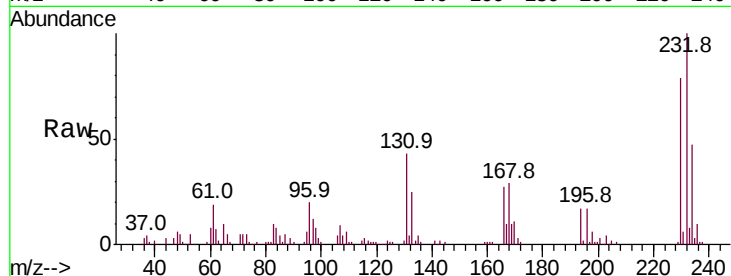




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.366 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

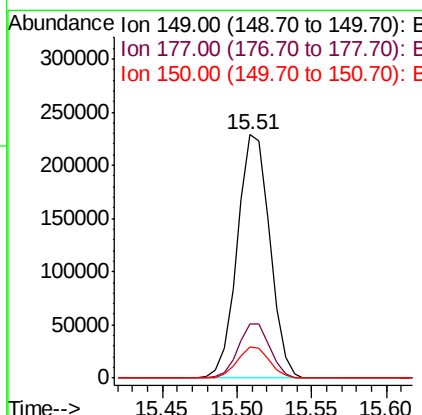
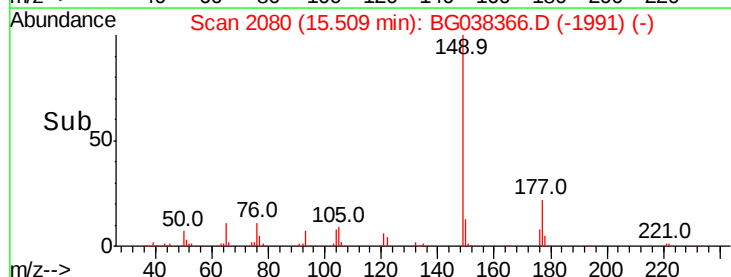
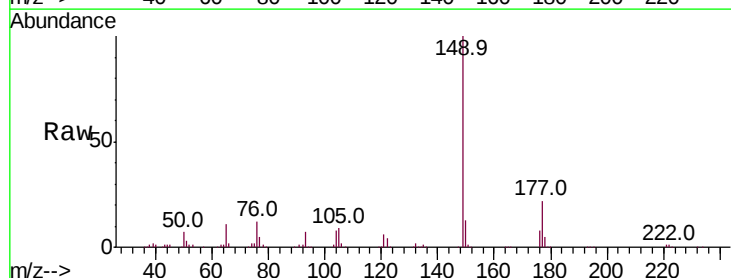
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

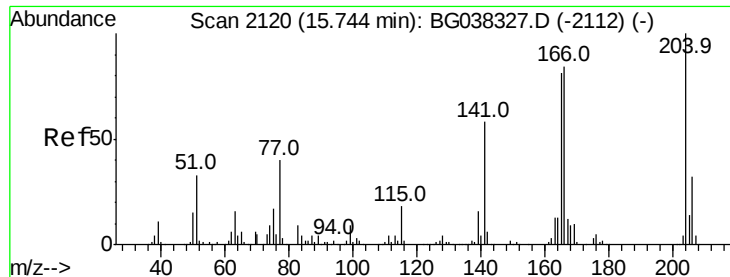
Tot Ion:232 Resp: 84956
 Ion Ratio Lower Upper
 232 100
 131 44.1 33.7 50.5
 130 2.4 2.1 3.1
 166 30.0 24.6 36.8



#60
 Diethylphthalate
 Concen: 37.893 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Tgt Ion:149 Resp: 345543
 Ion Ratio Lower Upper
 149 100
 177 22.3 18.3 27.5
 150 12.7 10.0 15.0

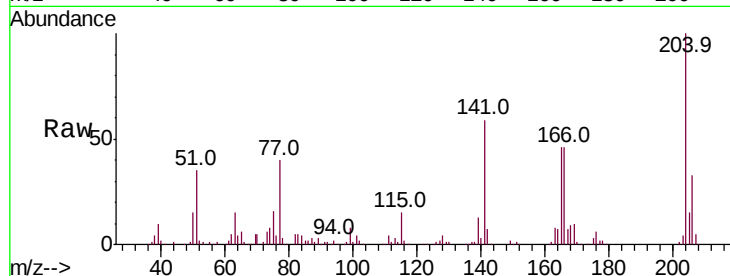




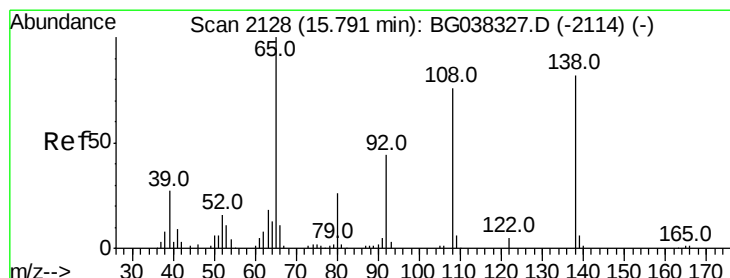
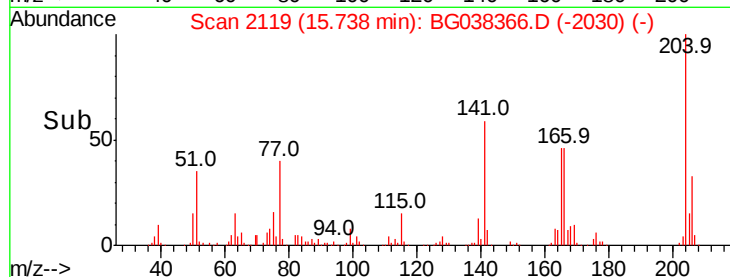
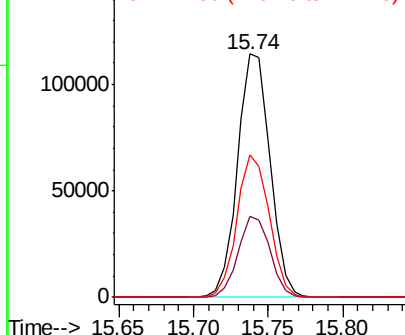
#61
 4-Chlorophenyl-phenylether
 Concen: 39.333 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC040

Tot Ion:204 Resp: 172936
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 39.8
 141 58.5 45.4 68.2

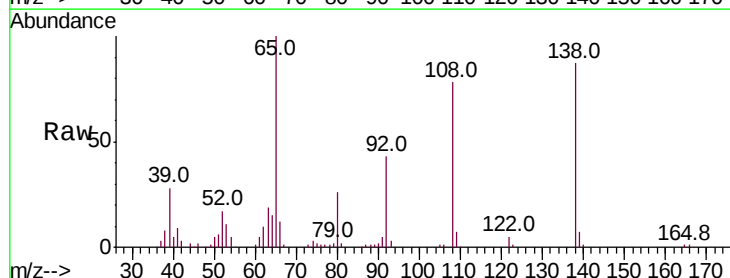


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

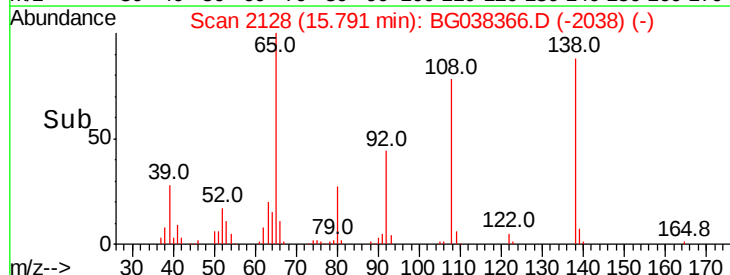
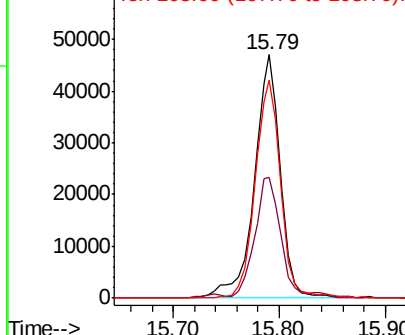


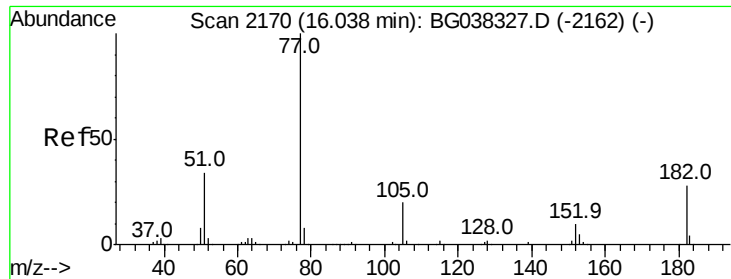
#62
 4-Nitroaniline
 Concen: 40.368 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Tgt Ion:138 Resp: 80400
 Ion Ratio Lower Upper
 138 100
 92 49.6 36.4 76.4
 108 89.6 60.1 100.1



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





#63

Azobenzene

Concen: 38.357 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 306112

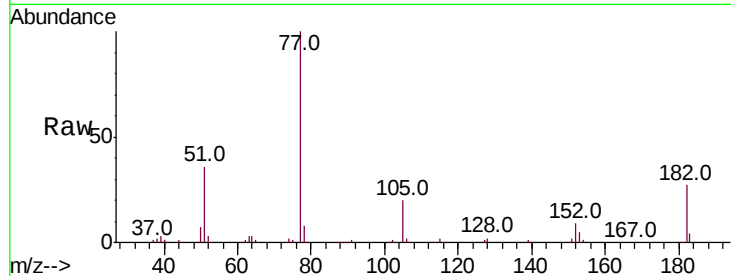
Ion Ratio Lower Upper

77 100

182 26.9 8.0 48.0

105 19.6 1.3 41.3

51 36.1 10.7 50.7

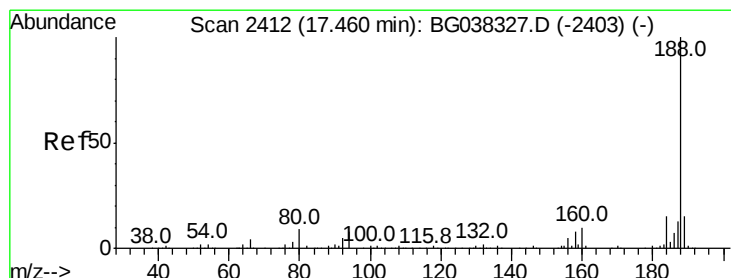
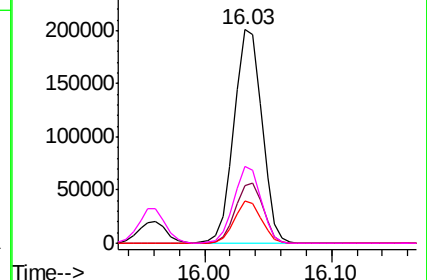
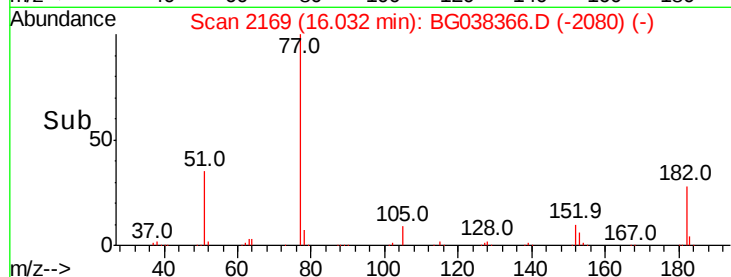


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

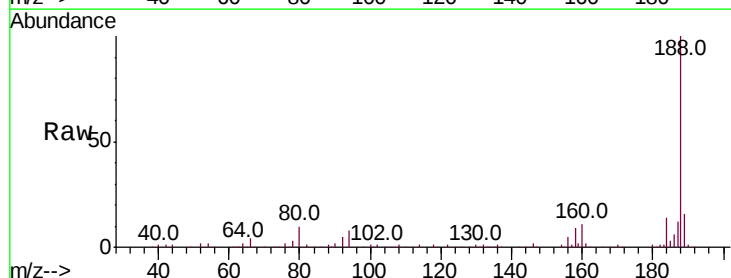
Tgt Ion: 188 Resp: 242024

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

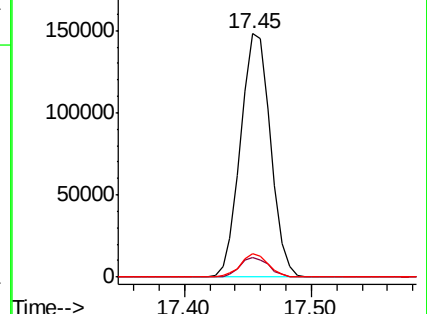
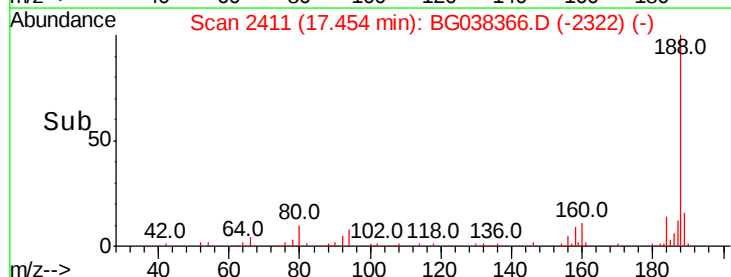
80 9.8 7.7 11.5

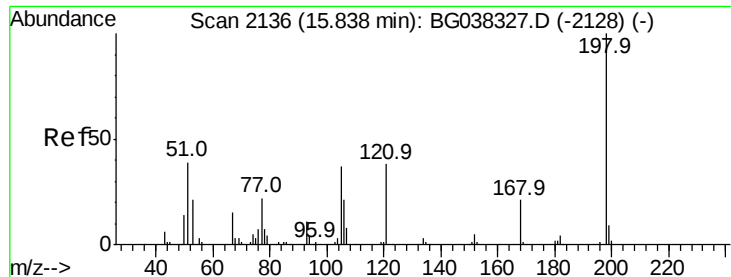


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

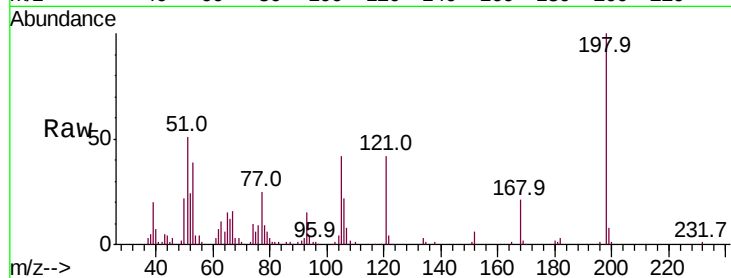




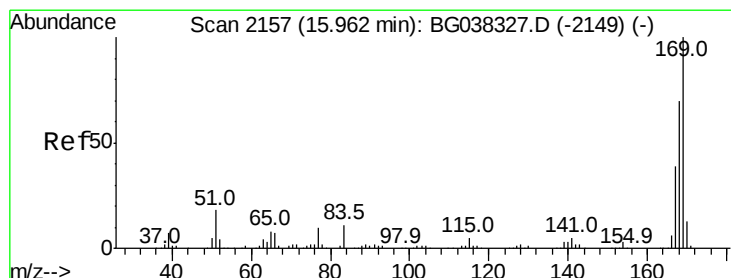
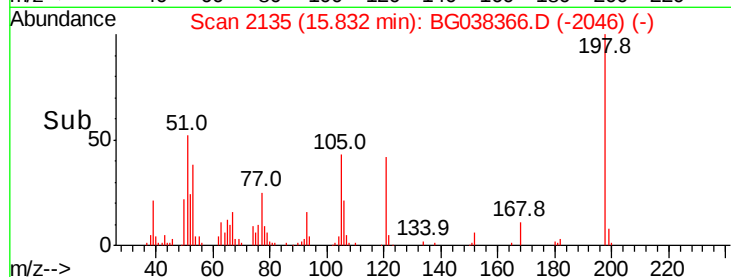
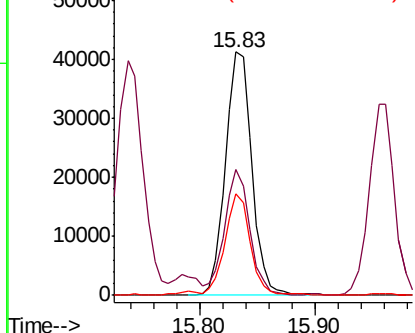
#65
4,6-Dinitro-2-methylphenol
Concen: 41.404 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 65657
Ion Ratio Lower Upper
198 100
51 51.5 22.7 62.7
105 41.9 19.7 59.7

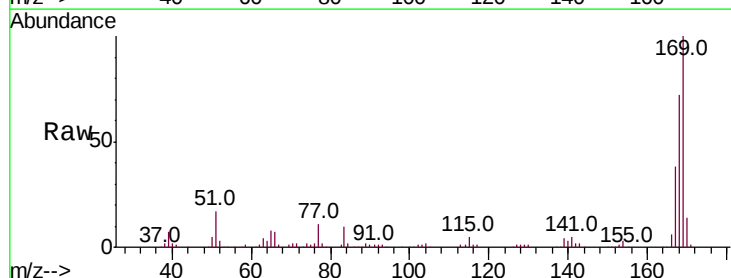


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

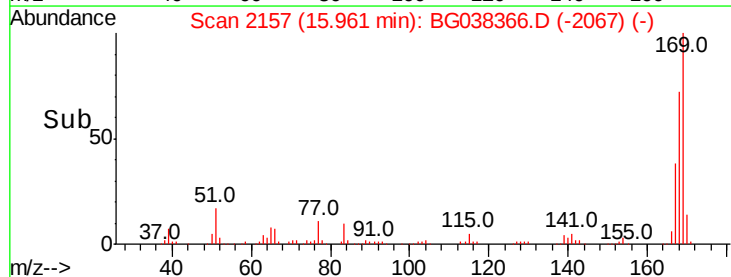
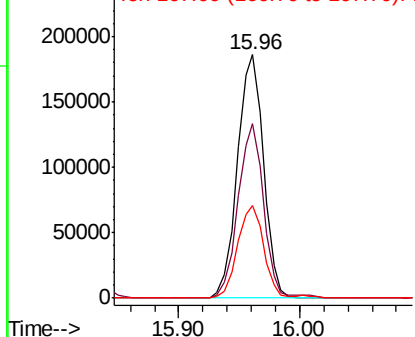


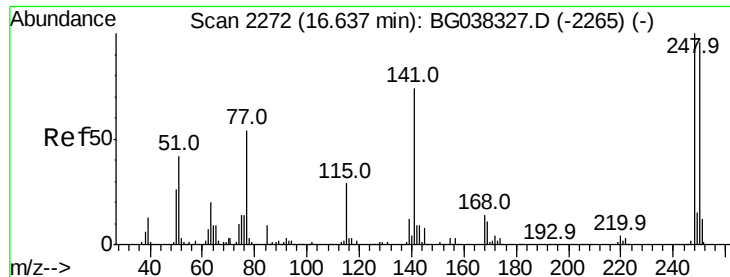
#66
n-Nitrosodiphenylamine
Concen: 41.273 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:169 Resp: 280897
Ion Ratio Lower Upper
169 100
168 71.5 55.7 83.5
167 37.9 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

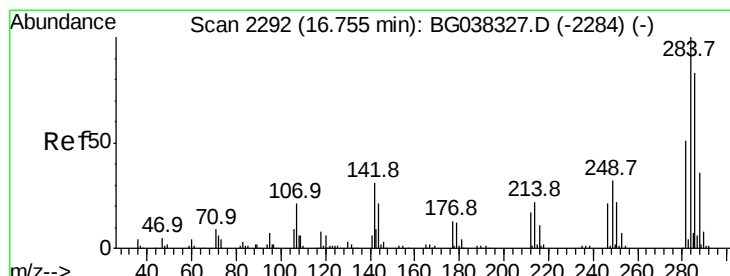
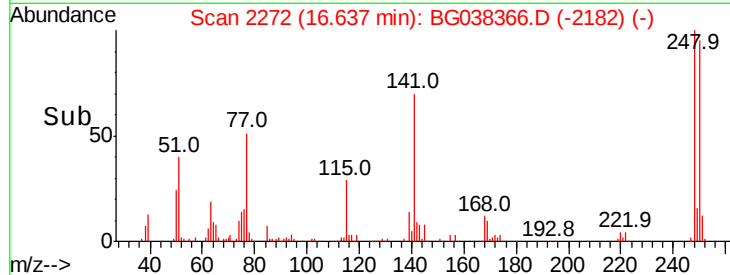
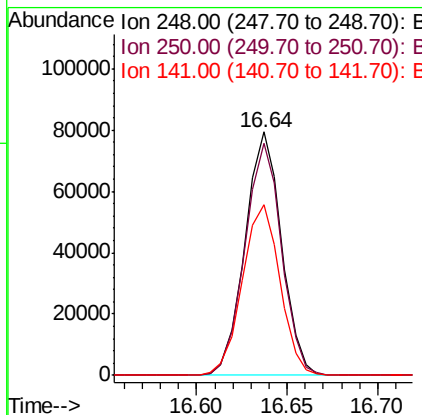
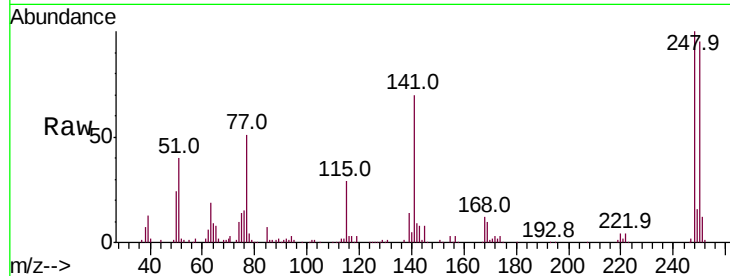




#67
 4-Bromophenyl-phenylether
 Concen: 42.477 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

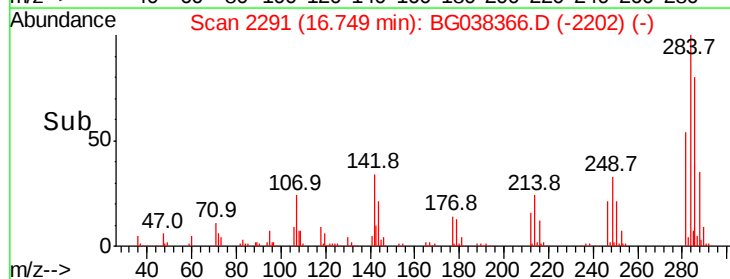
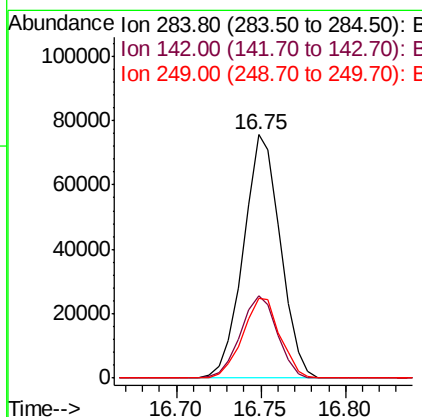
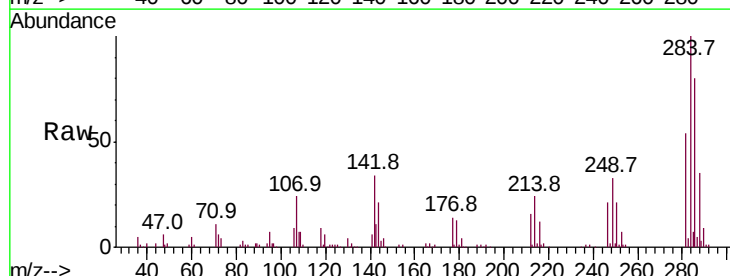
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

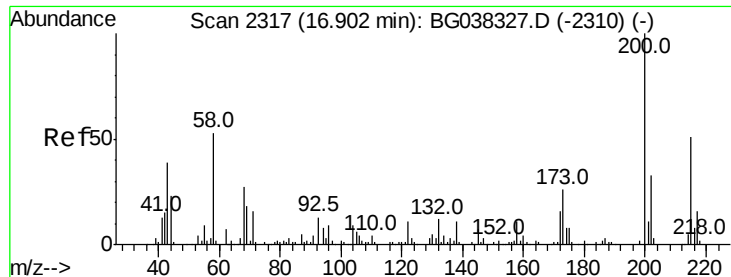
Tot Ion:248 Resp: 111019
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.0 115.6
 141 70.0 55.5 83.3



#68
 Hexachlorobenzene
 Concen: 42.657 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Tgt Ion:284 Resp: 114996
 Ion Ratio Lower Upper
 284 100
 142 34.0 28.1 42.1
 249 35.3 29.8 44.8





#69

Atrazine

Concen: 41.799 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

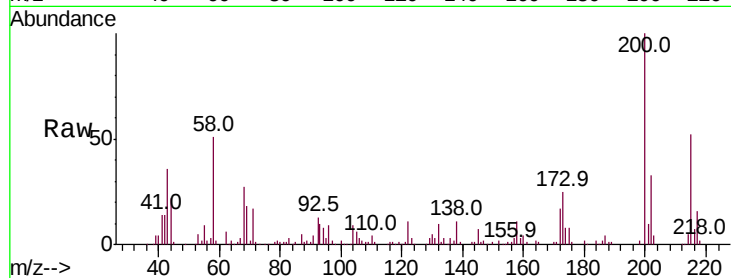
Tot Ion:200 Resp: 106150

Ion Ratio Lower Upper

200 100

173 24.6 6.1 46.1

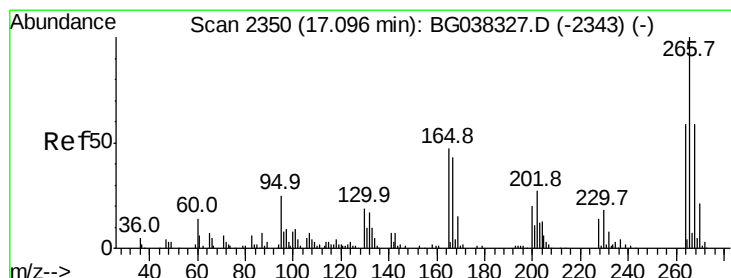
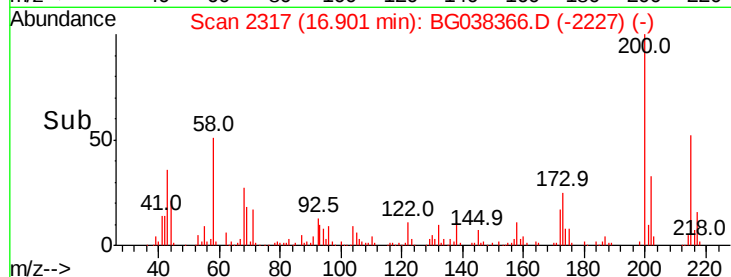
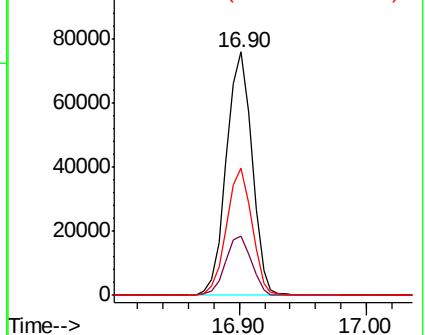
215 52.1 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.837 ng

RT: 17.10 min Scan# 2351

Delta R.T. 0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

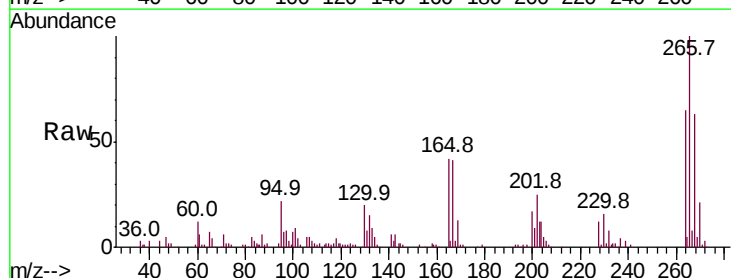
Tgt Ion:266 Resp: 77251

Ion Ratio Lower Upper

266 100

268 68.2 55.0 82.6

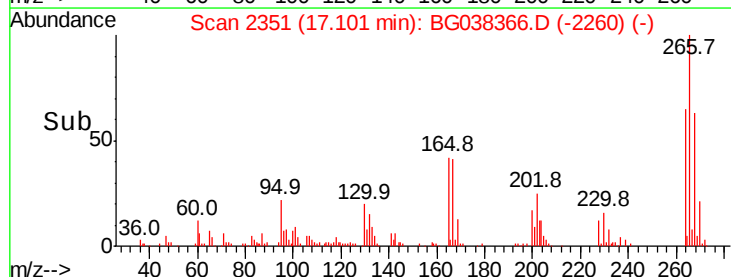
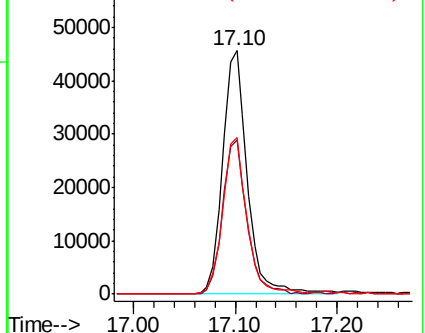
264 69.6 58.9 88.3

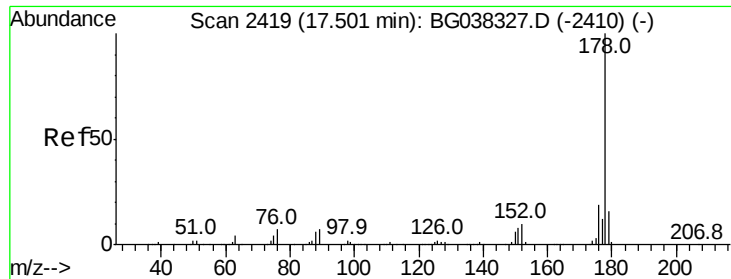


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

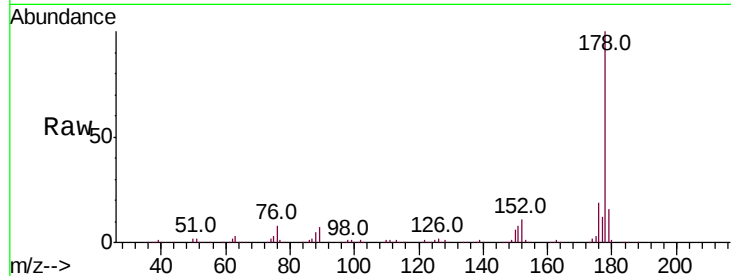




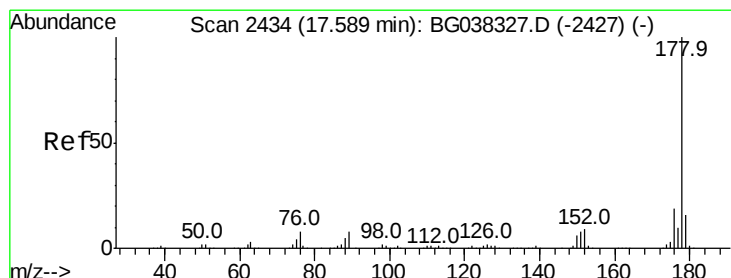
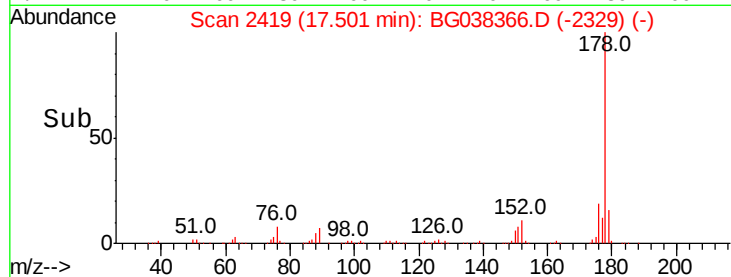
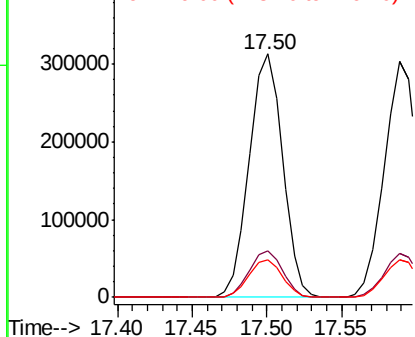
#71
Phenanthrene
Concen: 40.046 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 485377
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 15.6 13.0 19.4

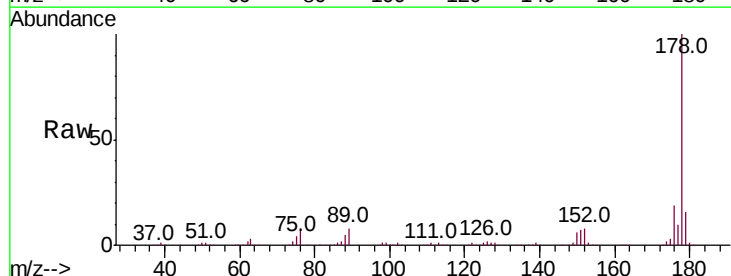


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

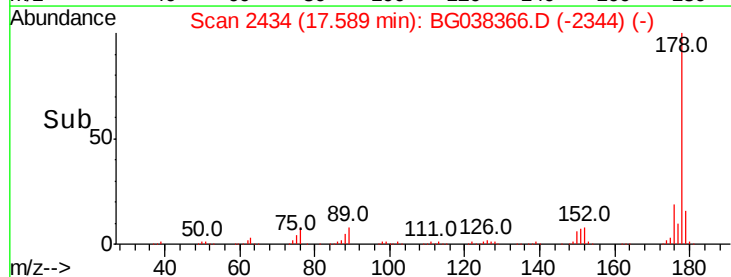
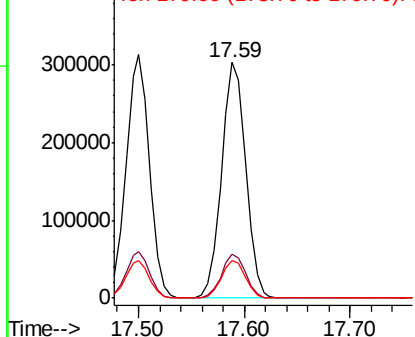


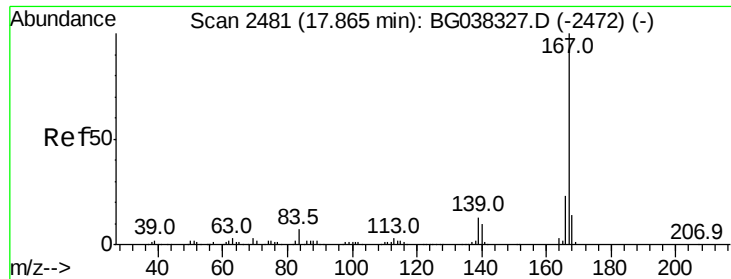
#72
Anthracene
Concen: 40.985 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:178 Resp: 481058
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.8 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

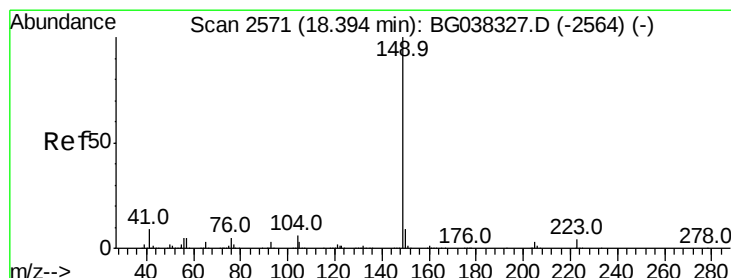
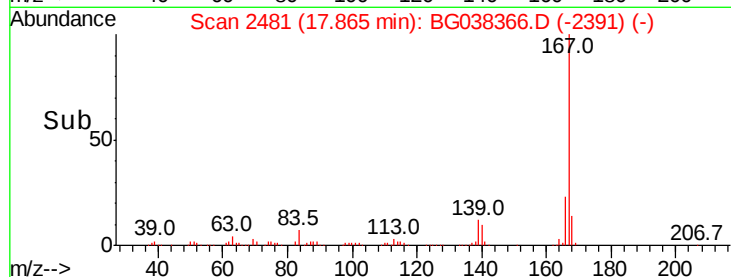
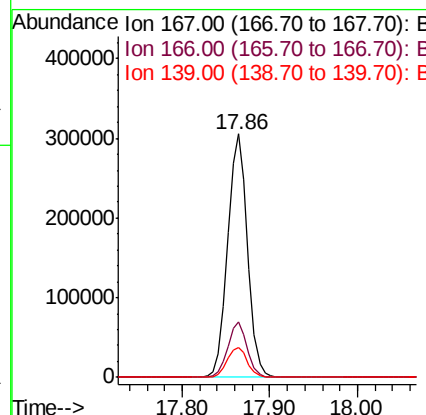
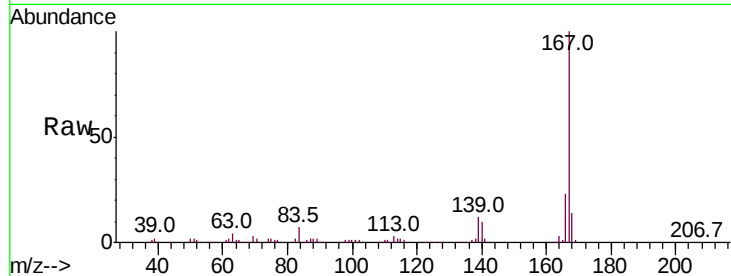




#73
 Carbazole
 Concen: 40.915 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

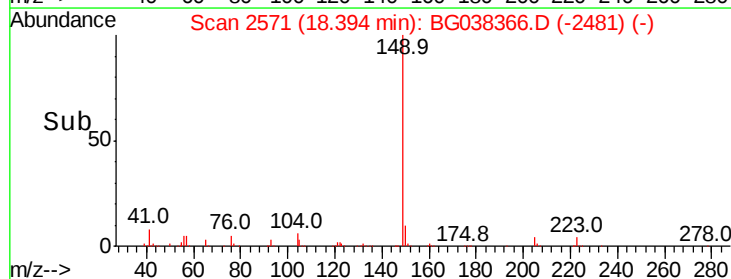
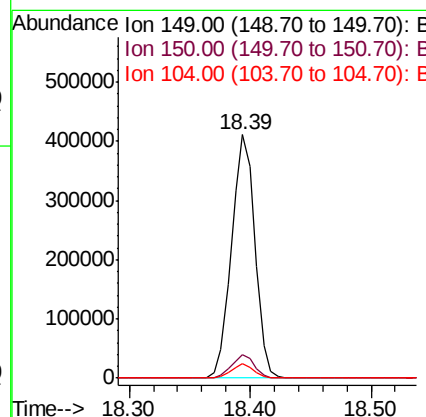
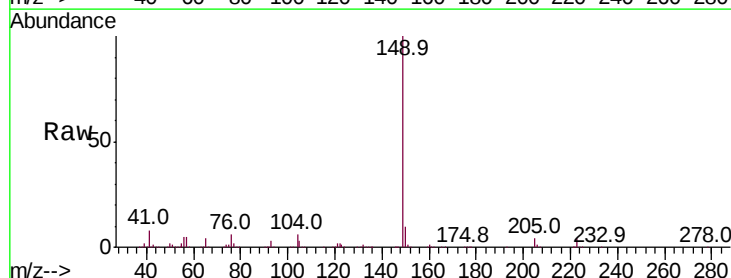
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

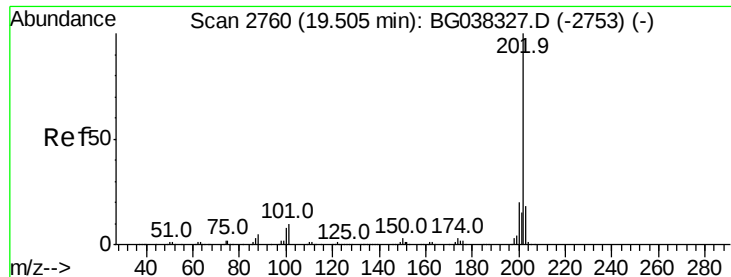
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.3	27.5
139	12.4	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 40.553 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.2	4.0	6.0





#75

Fluoranthene

Concen: 39.887 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

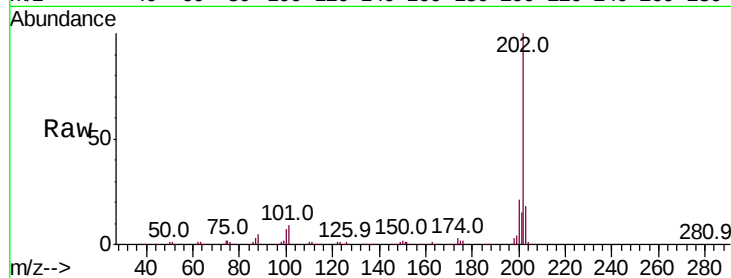
Tot Ion:202 Resp: 564836

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.7

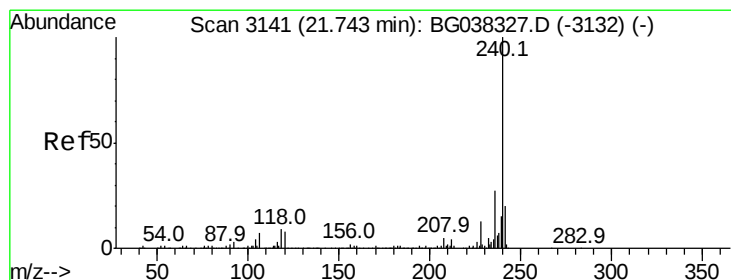
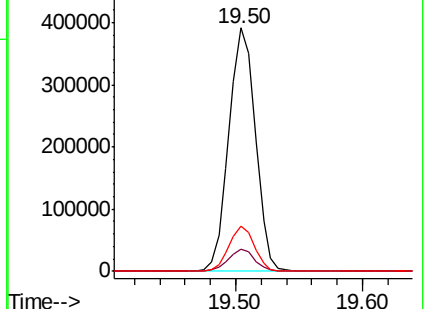
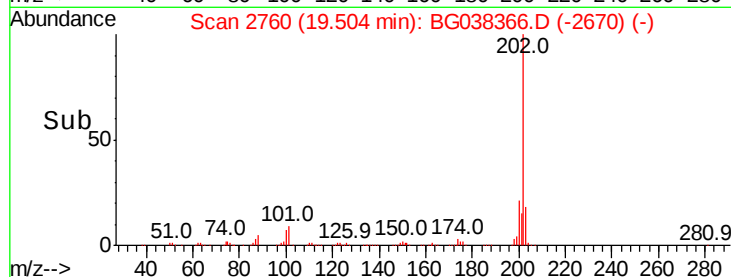
203 18.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

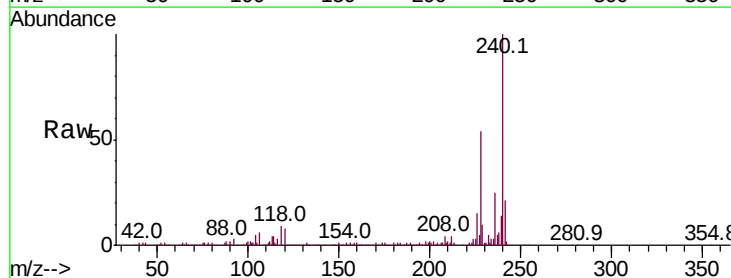
Tgt Ion:240 Resp: 225028

Ion Ratio Lower Upper

240 100

120 8.5 8.1 12.1

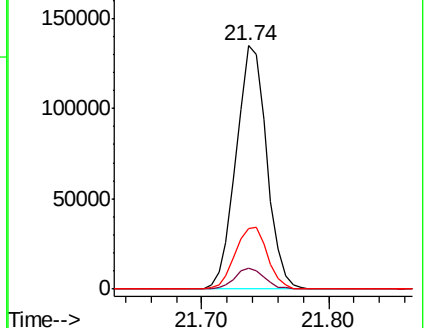
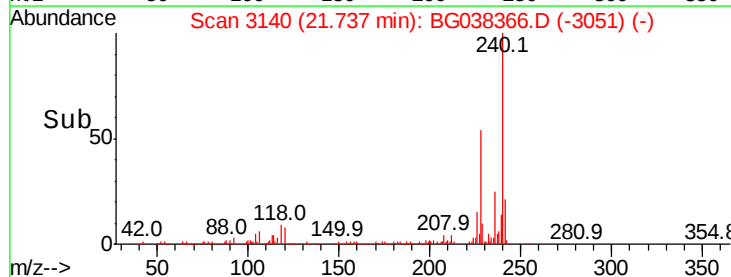
236 25.0 21.4 32.0

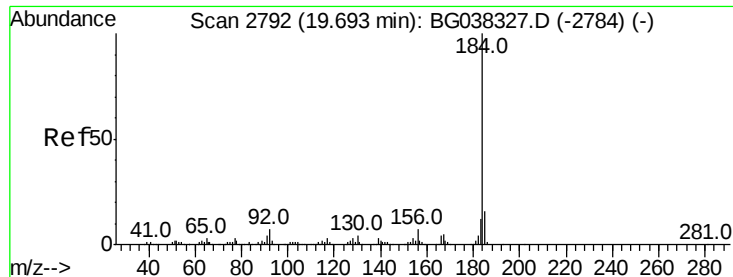


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.481 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

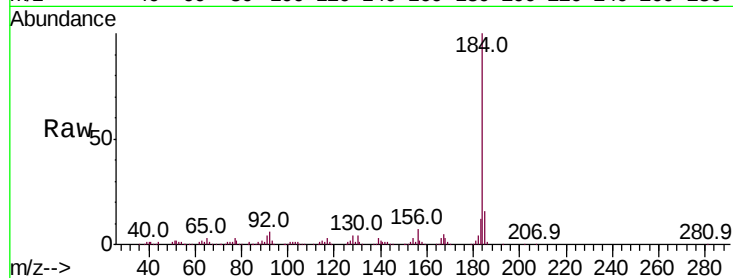
Tot Ion:184 Resp: 322583

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

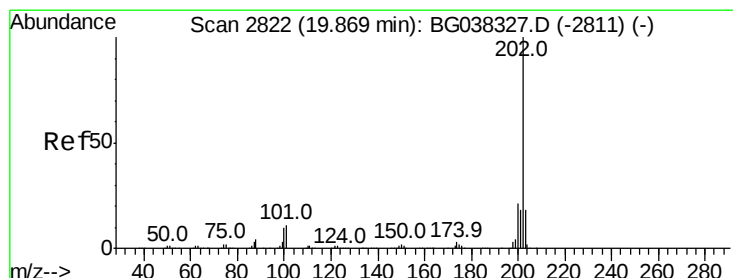
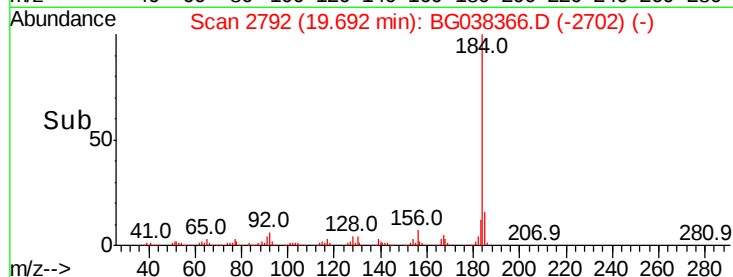
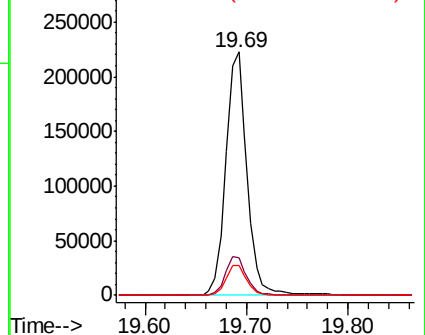
183 12.1 10.2 15.2



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: 36.478 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

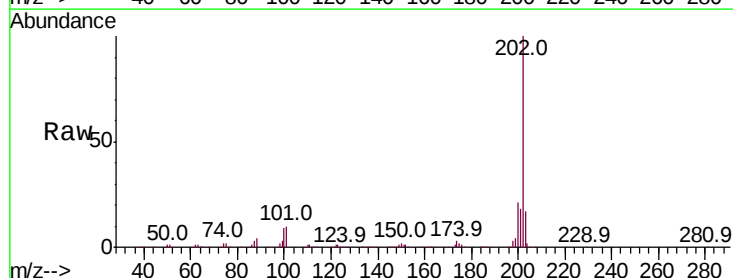
Tgt Ion:202 Resp: 574331

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

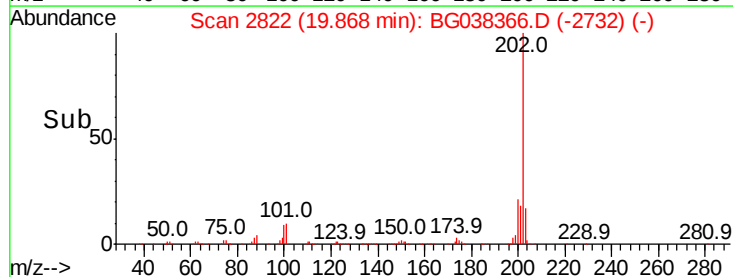
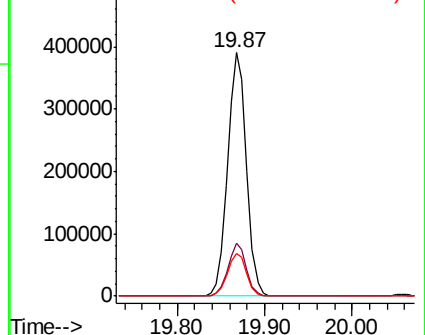
203 17.5 15.2 22.8

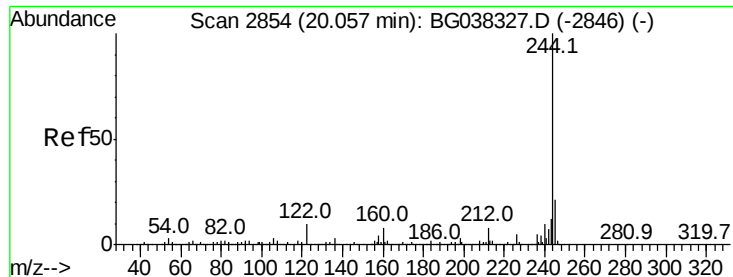


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.833 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

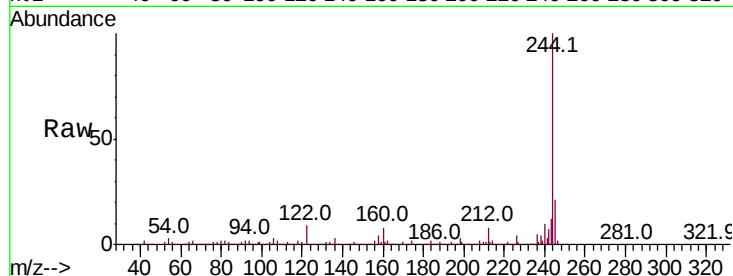
Tot Ion:244 Resp: 786064

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

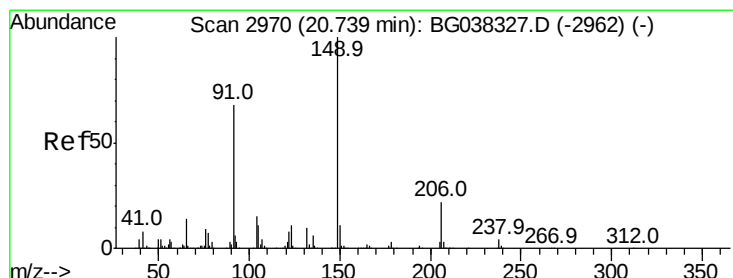
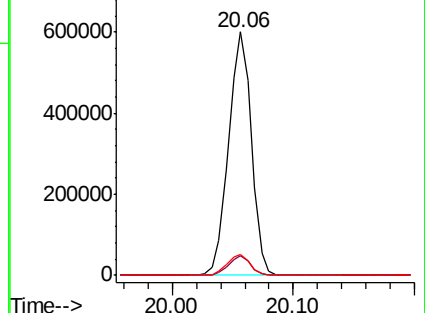
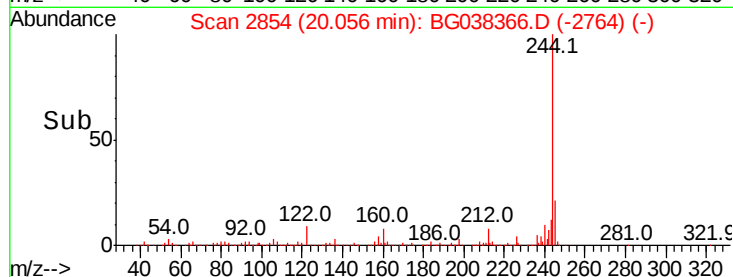
122 8.6 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.855 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

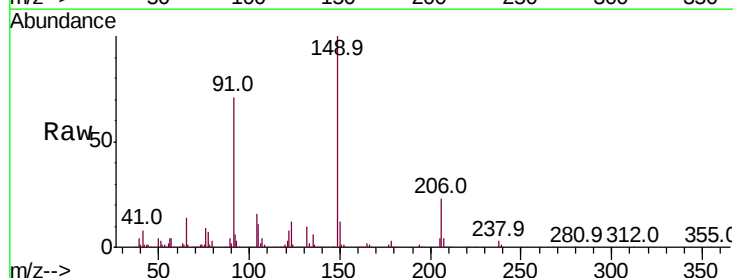
Tgt Ion:149 Resp: 246054

Ion Ratio Lower Upper

149 100

91 71.3 57.0 85.4

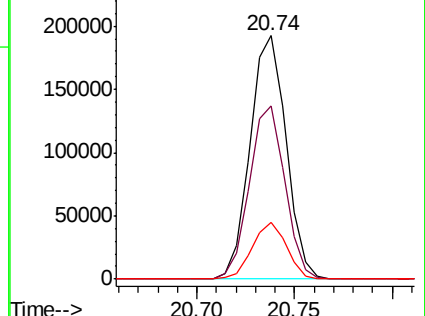
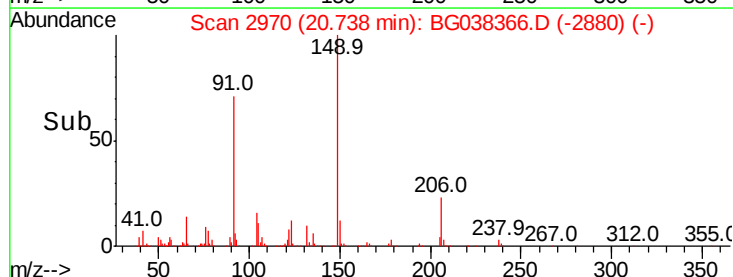
206 23.1 17.8 26.6

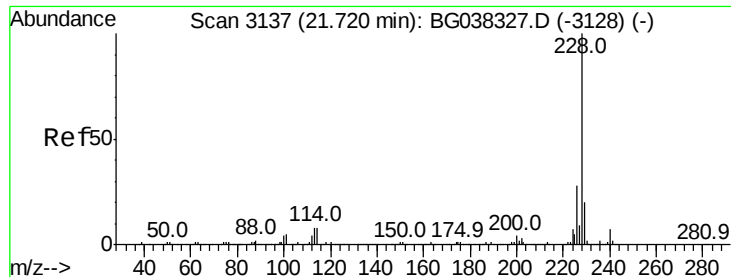


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.761 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

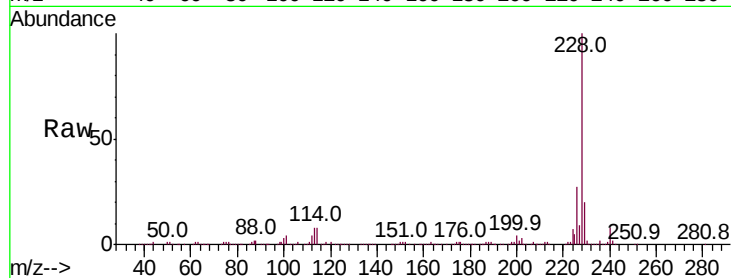
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 536082

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.4	16.3	24.5

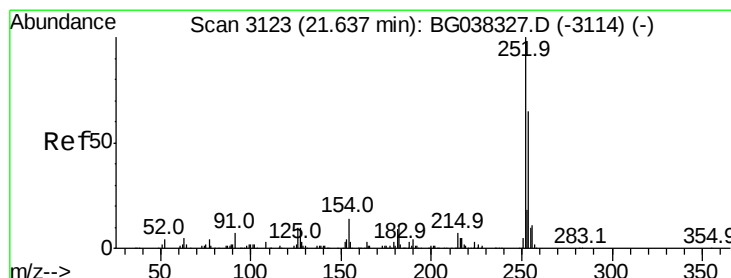
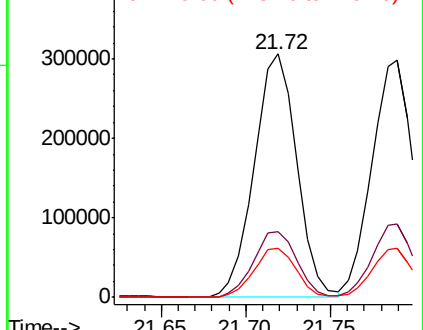
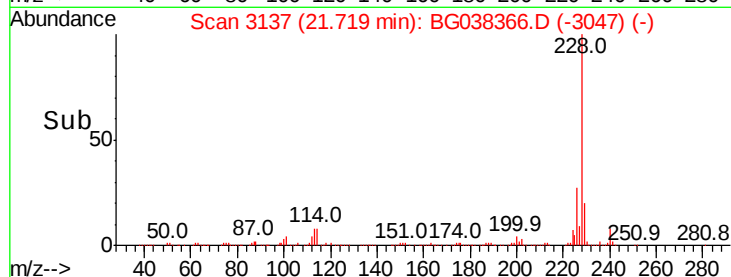


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.555 ng

RT: 21.64 min Scan# 3123

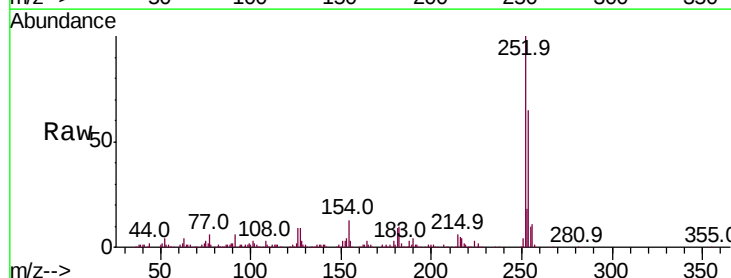
Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Tgt Ion:252 Resp: 212813

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.0	78.0
126	8.6	8.2	12.4

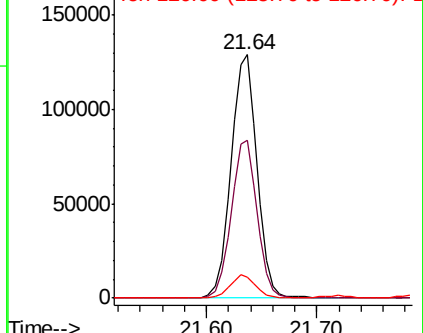
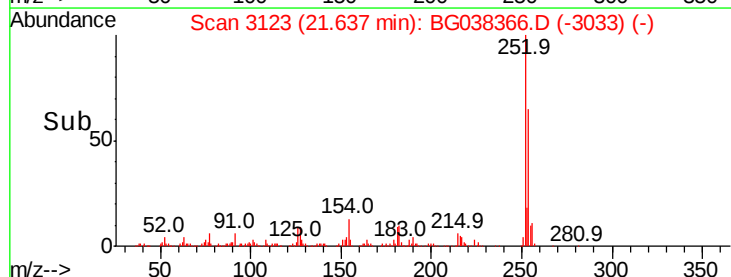


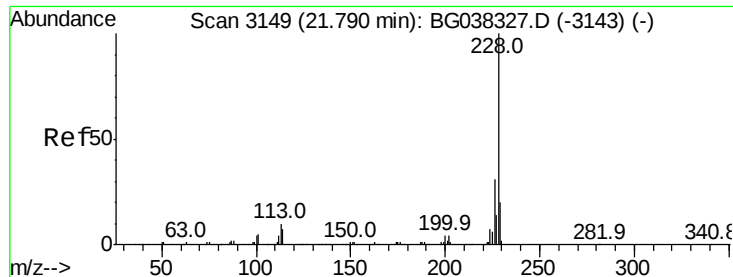
Abundance

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



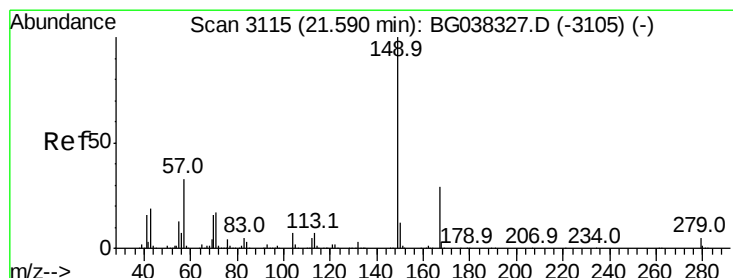
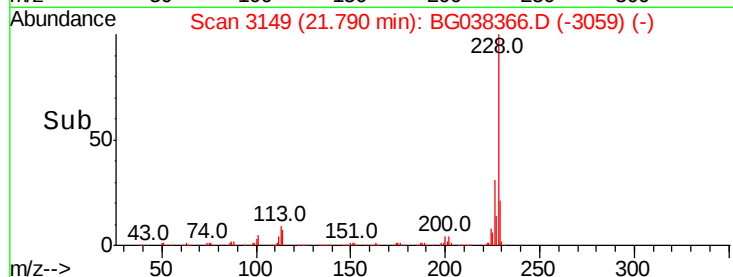
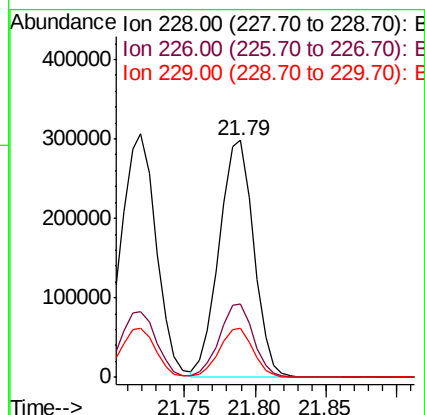
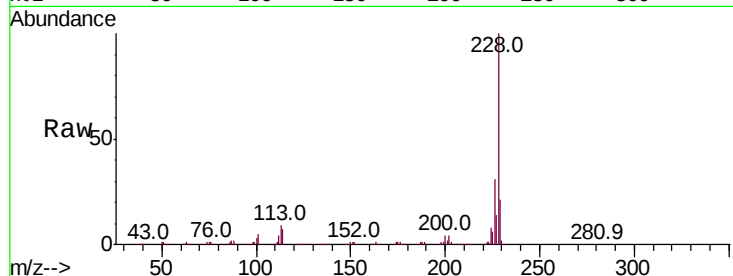


#83
 Chrysene
 Concen: 38.784 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:228 Resp: 507598

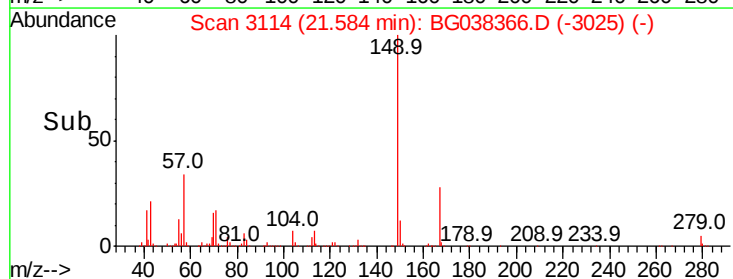
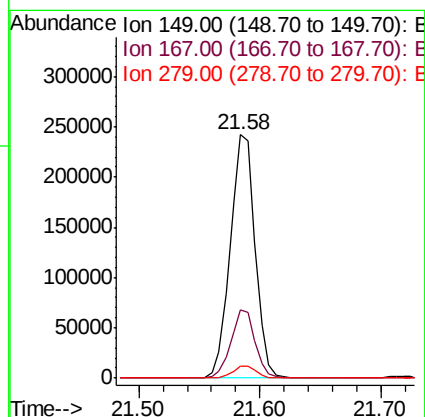
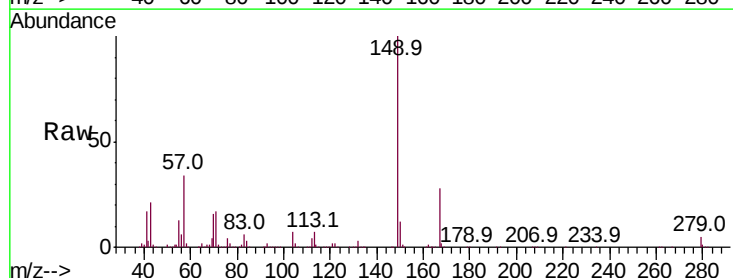
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.7	38.5
229	20.6	16.5	24.7

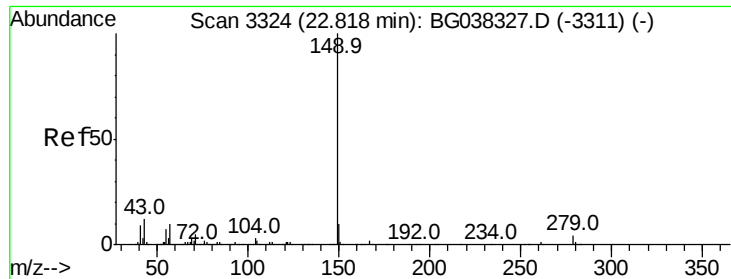


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.590 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038366.D
 Acq: 5 Dec 2018 19:48

Tgt Ion:149 Resp: 346371

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.4
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 37.420 ng

RT: 22.82 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

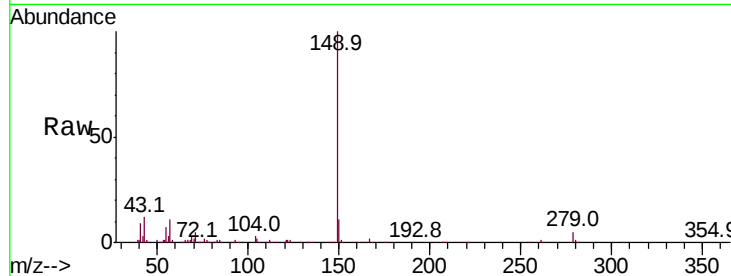
Tot Ion:149 Resp: 575903

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

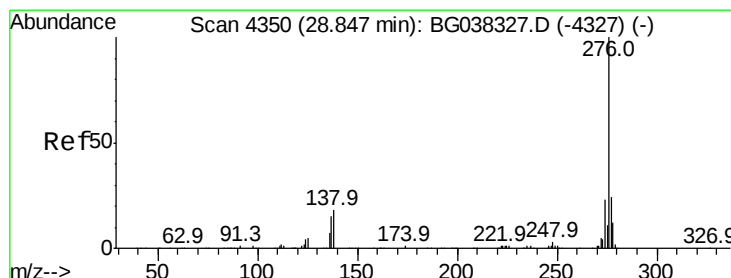
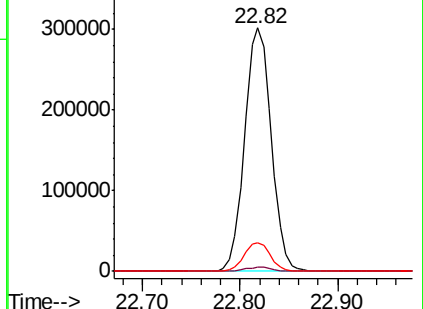
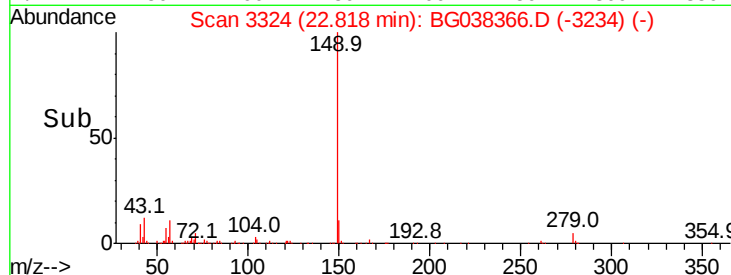
43 11.9 8.7 13.1



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: 39.718 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

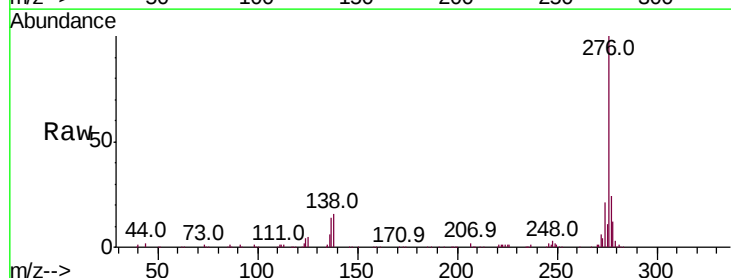
Tgt Ion:276 Resp: 590763

Ion Ratio Lower Upper

276 100

138 13.3 12.0 18.0

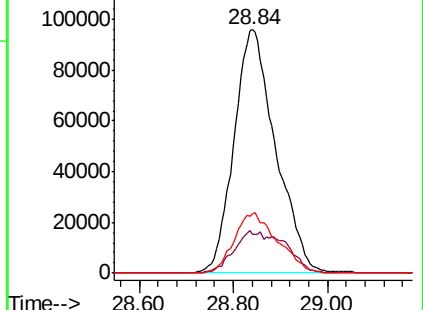
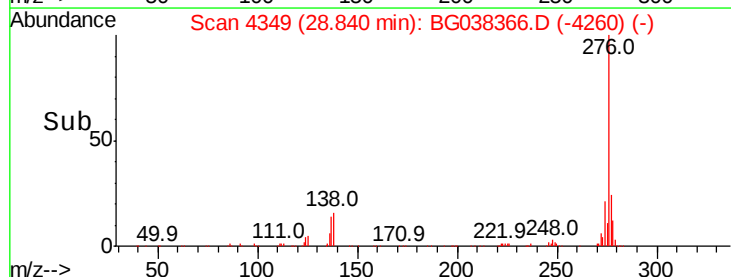
277 25.6 20.6 30.8

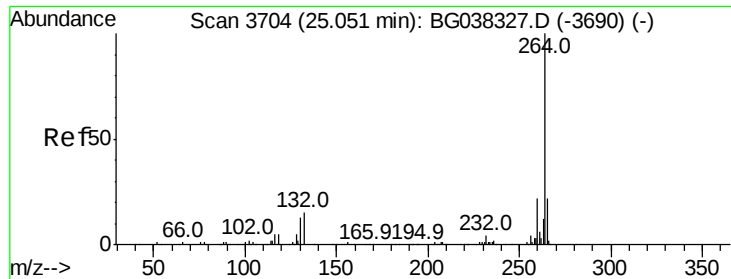


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

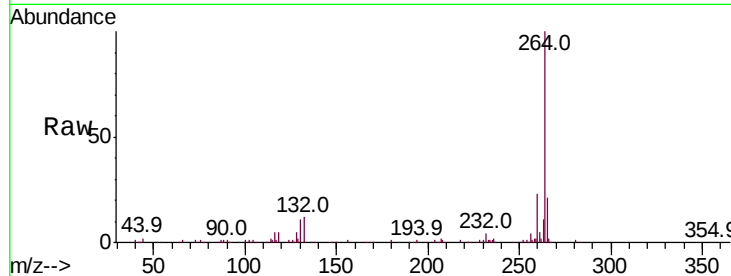
Tot Ion:264 Resp: 239131

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

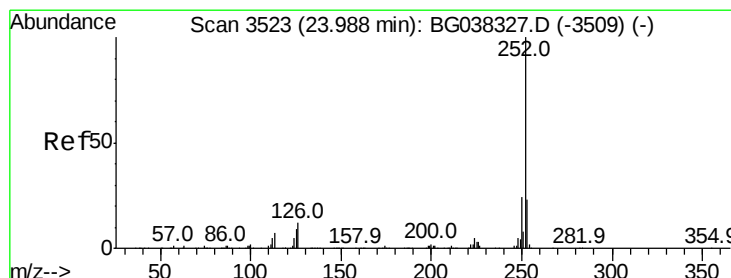
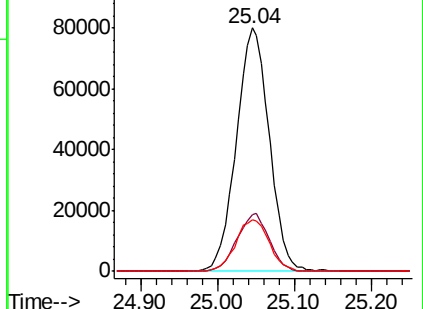
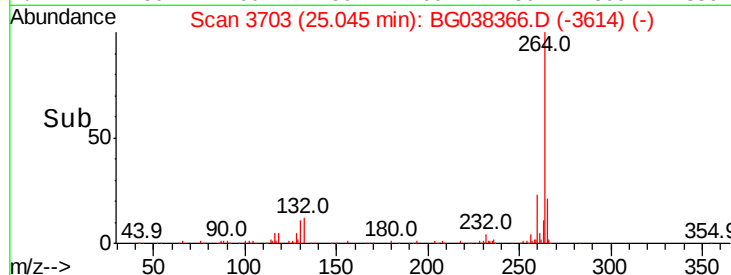
265 21.2 17.9 26.9



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: 38.663 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

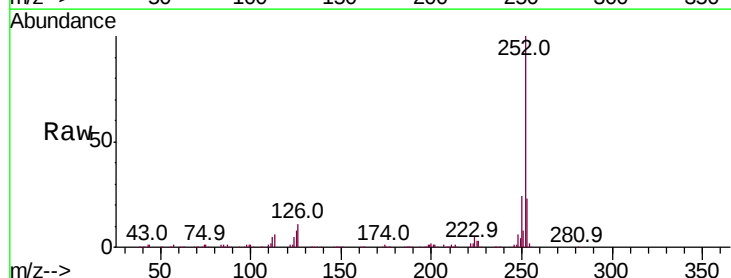
Tgt Ion:252 Resp: 522407

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

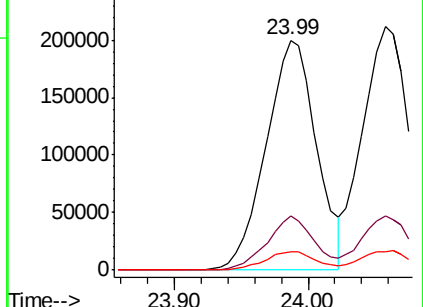
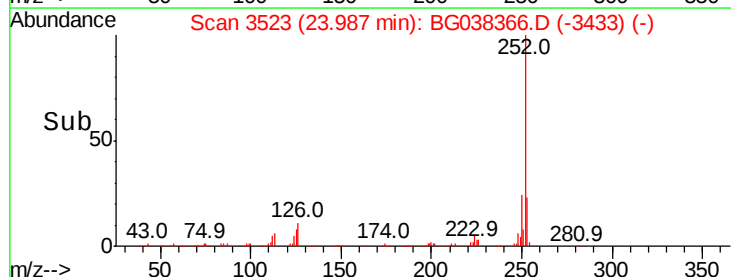
125 8.2 7.8 11.6

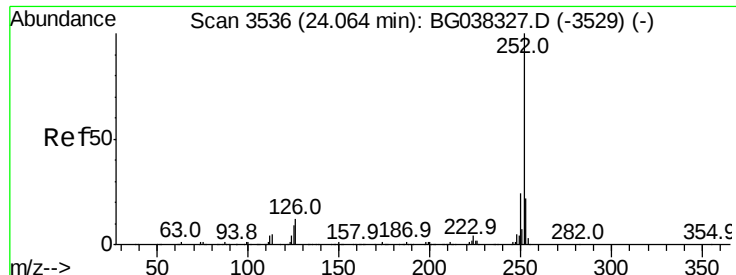


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

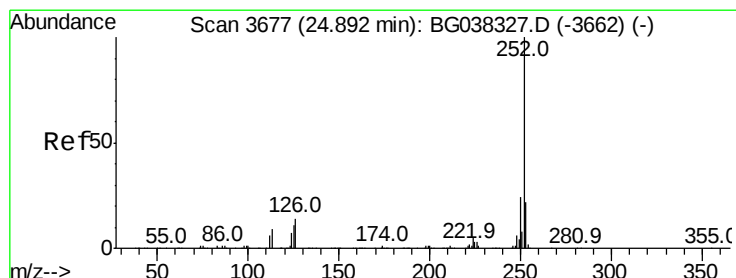
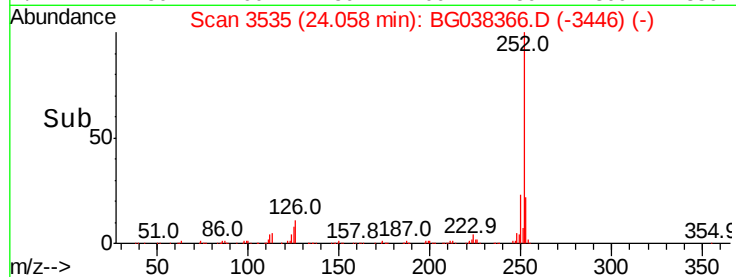
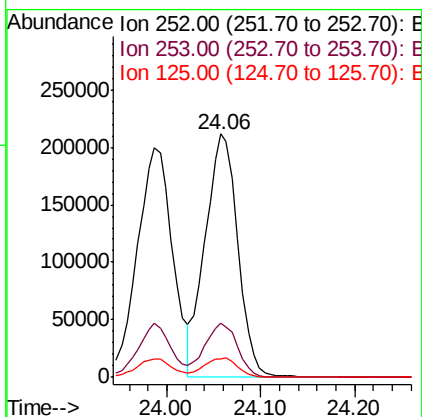
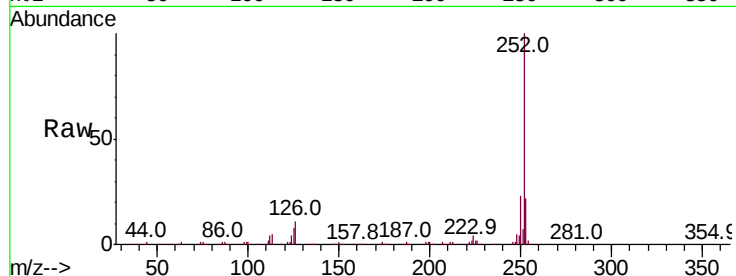




#89
Benzo(k)fluoranthene
Concen: 37.967 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

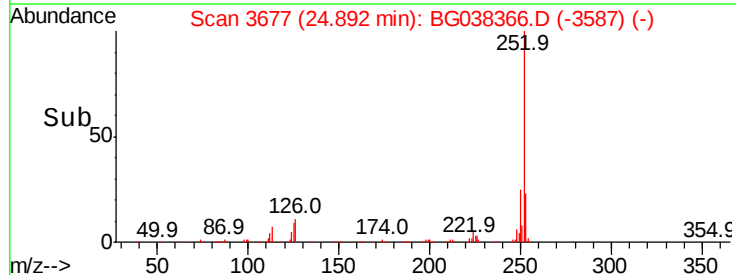
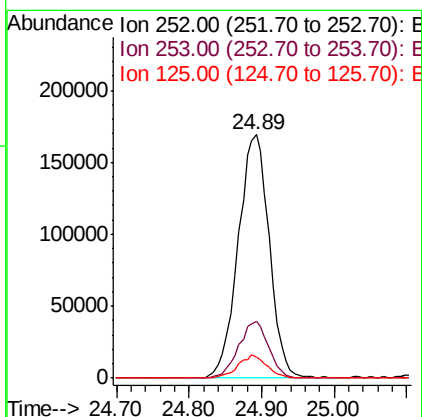
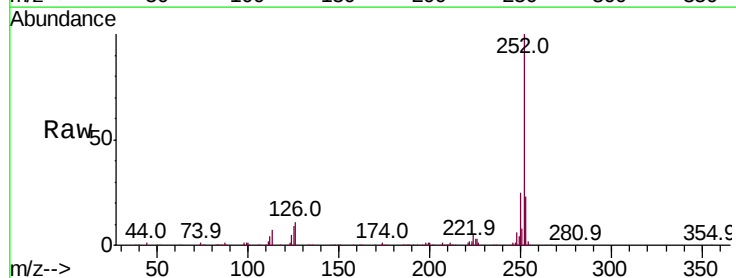
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

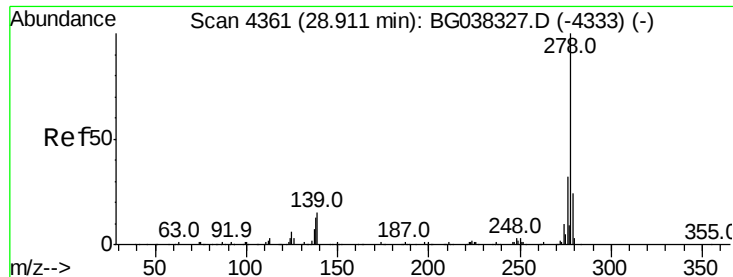
Tot Ion:252 Resp: 510931
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 7.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 38.469 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BG038366.D
Acq: 5 Dec 2018 19:48

Tgt Ion:252 Resp: 504177
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 8.8 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 39.338 ng

RT: 28.90 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

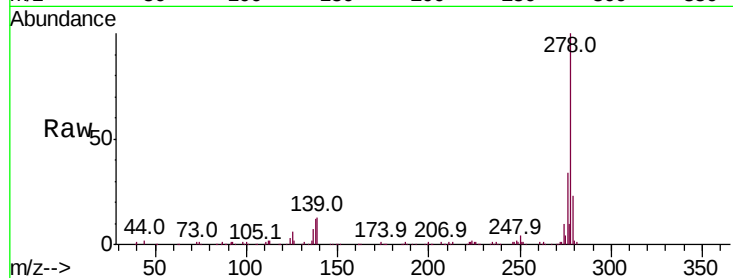
Tot Ion:278 Resp: 488993

Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.5	17.3
279	23.3	18.6	27.8

278 100

139 12.9 11.5 17.3

279 23.3 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

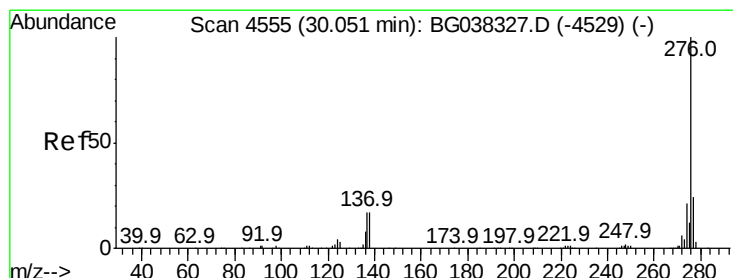
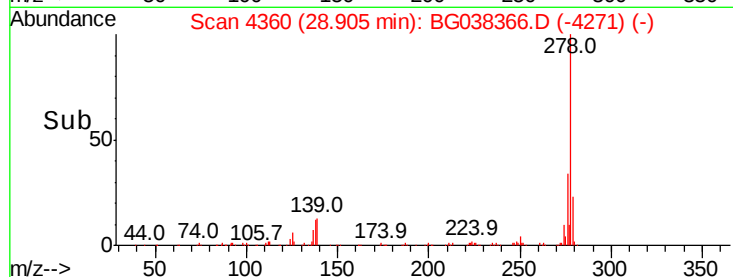
28.90

100000

50000

0

Time-->



#92

Benzo(g,h,i)perylene

Concen: 39.168 ng

RT: 30.03 min Scan# 4552

Delta R.T. -0.02 min

Lab File: BG038366.D

Acq: 5 Dec 2018 19:48

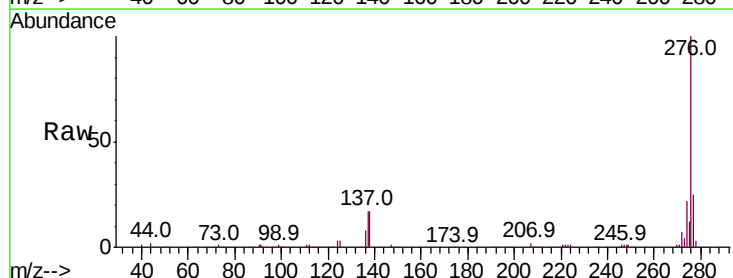
Tgt Ion:276 Resp: 483050

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	16.8	17.2	25.8

276 100

277 24.6 18.9 28.3

138 16.8 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

30.03

120000

100000

80000

60000

40000

20000

0

Time-->

