

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\
 Data File : BG043063.D
 Acq On : 5 Oct 2019 19:59
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 06 23:55:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	83997	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	332586	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	222031	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	496676	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	523400	20.00	ng	-0.02
87) Perylene-d12	24.91	264	623690	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	368464	78.28	ng	-0.01
7) Phenol-d6	7.24	99	527058	77.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	511480	74.75	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	305440	80.00	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1229915	80.30	ng	-0.02
79) Terphenyl-d14	20.03	244	2012922	81.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	67487	34.391	ng	90
3) Pyridine	3.95	79	204287	37.013	ng	91
4) n-Nitrosodimethylamine	3.86	42	91229	34.372	ng	# 85
6) Aniline	7.39	93	308978	37.764	ng	97
8) 2-Chlorophenol	7.64	128	194562	39.638	ng	98
9) Benzaldehyde	7.20	77	139370	33.650	ng	92
10) Phenol	7.26	94	240191	38.625	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	182360	37.901	ng	93
12) 1,3-Dichlorobenzene	7.95	146	245453	39.199	ng	99
13) 1,4-Dichlorobenzene	8.10	146	246175	39.438	ng	99
14) 1,2-Dichlorobenzene	8.42	146	236271	39.758	ng	95
15) Benzyl Alcohol	8.30	79	179840	35.291	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	282419	30.564	ng	97
17) 2-Methylphenol	8.51	107	168823	38.799	ng	95
18) Hexachloroethane	9.15	117	88961	37.842	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	161953	36.389	ng	# 89
20) 3+4-Methylphenols	8.84	107	231402	38.807	ng	95
22) Acetophenone	8.88	105	329133	38.392	ng	# 94
24) Nitrobenzene	9.26	77	241324	36.974	ng	99
25) Isophorone	9.79	82	442351	36.803	ng	98
26) 2-Nitrophenol	9.97	139	117241	42.197	ng	95
27) 2,4-Dimethylphenol	10.04	122	162027	37.973	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	255913	37.528	ng	99
29) 2,4-Dichlorophenol	10.51	162	210747	39.713	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	265758	38.780	ng	94
31) Naphthalene	10.91	128	625209	38.188	ng	99
32) Benzoic acid	10.20	122	131779	40.990	ng	98
33) 4-Chloroaniline	11.03	127	273216	38.458	ng	96
34) Hexachlorobutadiene	11.20	225	192549	37.525	ng	96
35) Caprolactam	11.81	113	68567	36.639	ng	# 80
36) 4-Chloro-3-methylphenol	12.15	107	215800	37.401	ng	94
37) 2-Methylnaphthalene	12.51	142	472454	37.827	ng	96
38) 1-Methylnaphthalene	12.73	142	444273	37.592	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	339309	40.645	ng	98

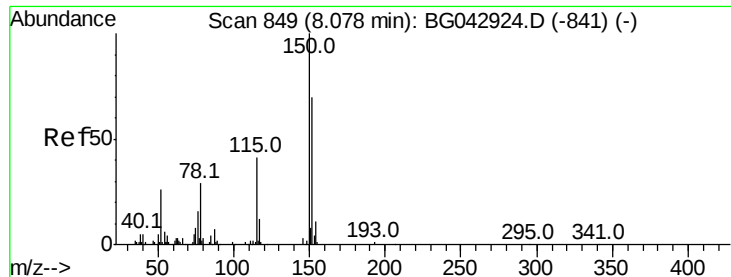
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	223720	42.060	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	200937	41.123	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	203436	40.416	ng	96
46) 1,1'-Biphenyl	13.52	154	677657	40.247	ng	98
47) 2-Chloronaphthalene	13.56	162	510647	40.451	ng	99
48) 2-Nitroaniline	13.76	65	161360	38.437	ng	# 88
49) Acenaphthylene	14.40	152	761568	39.426	ng	99
50) Dimethylphthalate	14.14	163	638498	38.381	ng	99
51) 2,6-Dinitrotoluene	14.25	165	139814	39.465	ng	94
52) Acenaphthene	14.75	154	478954	37.043	ng	99
53) 3-Nitroaniline	14.59	138	141363	38.611	ng	93
54) 2,4-Dinitrophenol	14.79	184	79923	36.294	ng	94
55) Dibenzofuran	15.08	168	732570	38.301	ng	99
56) 4-Nitrophenol	14.90	139	103104	36.960	ng	92
57) 2,4-Dinitrotoluene	15.04	165	202516	39.035	ng	97
58) Fluorene	15.73	166	615502	37.693	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	202509	37.785	ng	98
60) Diethylphthalate	15.50	149	625600	36.951	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	368771	37.655	ng	98
62) 4-Nitroaniline	15.75	138	150192	37.613	ng	99
63) Azobenzene	16.01	77	535462	34.739	ng	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	113143	40.257	ng	91
66) n-Nitrosodiphenylamine	15.93	169	542964	41.411	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	258693	41.499	ng	96
68) Hexachlorobenzene	16.74	284	290610	41.869	ng	96
69) Atrazine	16.88	200	195787	35.461	ng	97
70) Pentachlorophenol	17.08	266	164894	41.172	ng	98
71) Phenanthrene	17.46	178	952687	39.289	ng	98
72) Anthracene	17.56	178	951920	39.324	ng	99
73) Carbazole	17.82	167	881627	39.275	ng	99
74) Di-n-butylphthalate	18.38	149	1036334	38.694	ng	99
75) Fluoranthene	19.47	202	1221585	38.089	ng	99
77) Benzidine	19.65	184	425983	32.504	ng	99
78) Pyrene	19.83	202	1233450	39.483	ng	99
80) Butylbenzylphthalate	20.72	149	488037	41.157	ng	95
81) Benzo(a)anthracene	21.68	228	1303932	39.982	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	536223	41.922	ng	100
83) Chrysene	21.74	228	1251572	39.546	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	694730	41.174	ng	98
85) Di-n-octyl phthalate	22.79	149	1166163	42.266	ng	96
86) Indeno(1,2,3-cd)pyrene	28.59	276	1649596	41.869	ng	99
88) Benzo(b)fluoranthene	23.89	252	1397906	39.612	ng	98
89) Benzo(k)fluoranthene	23.96	252	1343406	38.480	ng	99
90) Benzo(a)pyrene	24.76	252	1305711	39.217	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1375946	40.302	ng	98
92) Benzo(g,h,i)perylene	29.73	276	1323019	39.995	ng	99

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

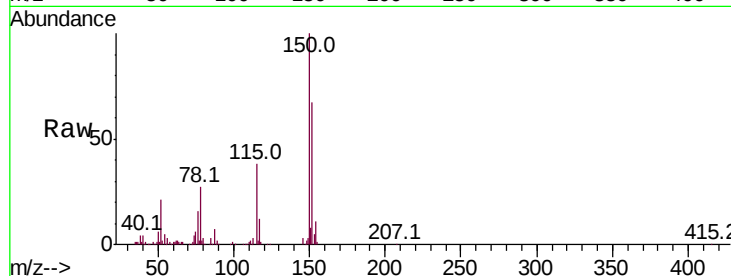


#1

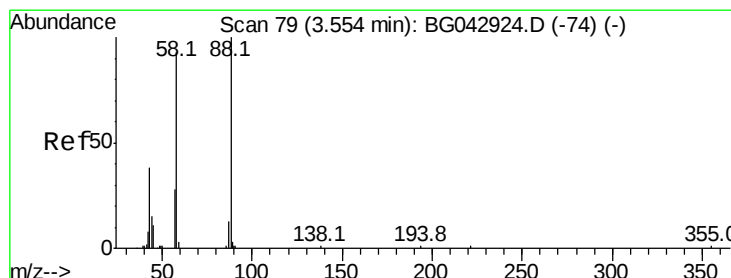
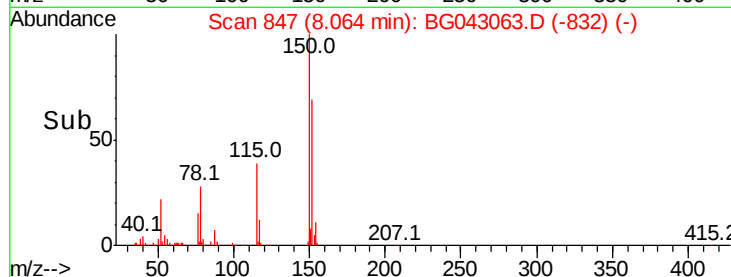
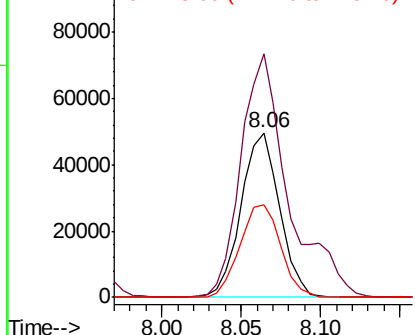
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 83997
Ion Ratio Lower Upper
152 100
150 148.2 115.0 172.4
115 56.0 47.0 70.6



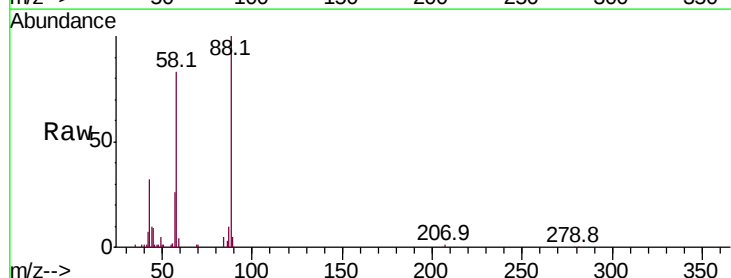
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



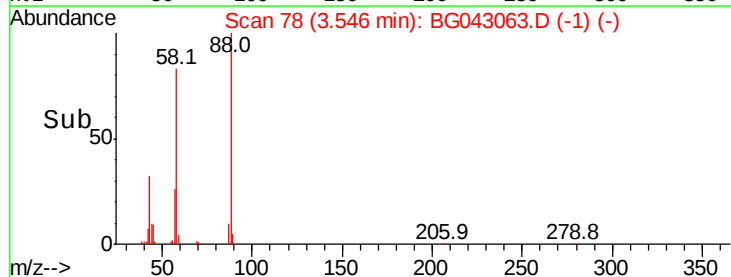
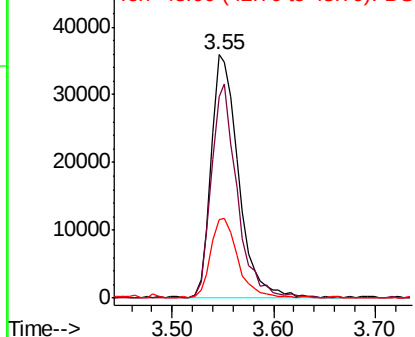
#2

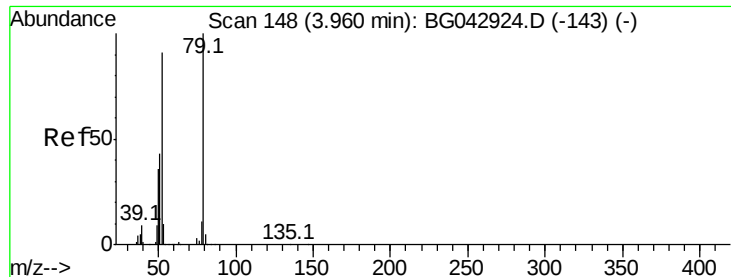
1,4-Dioxane
Concen: 34.391 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion: 88 Resp: 67487
Ion Ratio Lower Upper
88 100
58 82.8 74.3 111.5
43 32.8 29.8 44.8



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: 37.013 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

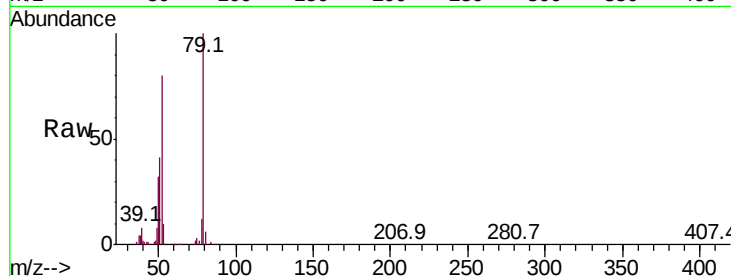
Tot Ion: 79 Resp: 204287

Ion Ratio Lower Upper

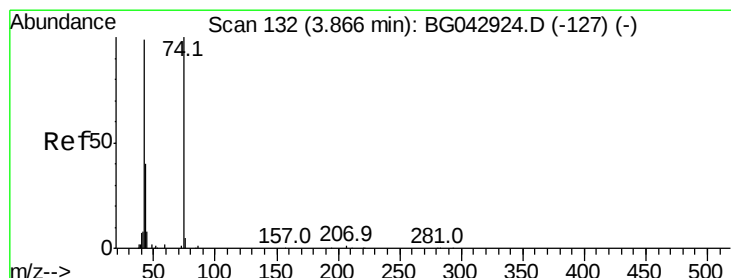
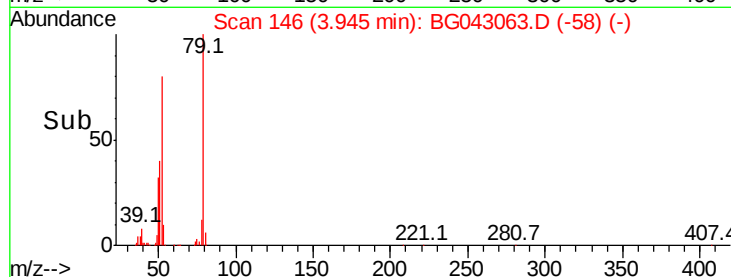
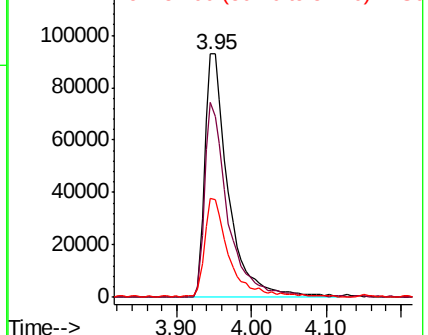
79 100

52 80.3 73.0 109.4

51 40.9 35.1 52.7



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



#4

n-Nitrosodimethylamine

Concen: 34.372 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.00 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

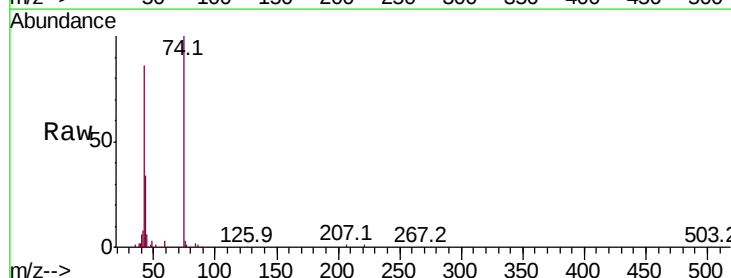
Tgt Ion: 42 Resp: 91229

Ion Ratio Lower Upper

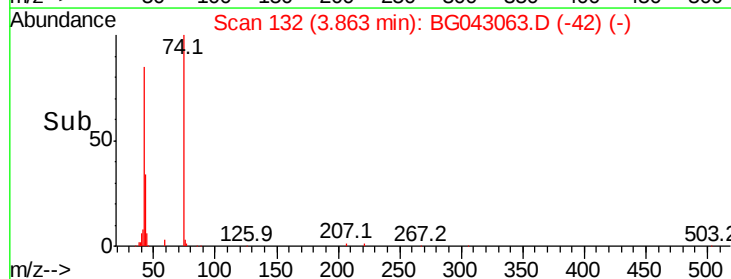
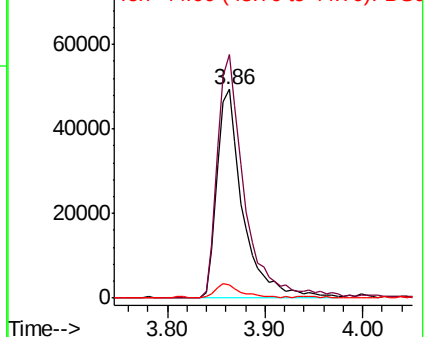
42 100

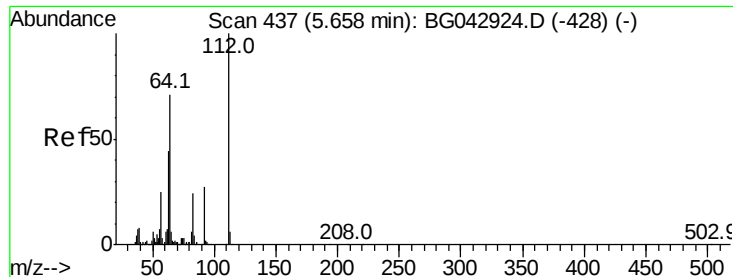
74 116.8 80.5 120.7

44 6.6 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 78.285 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

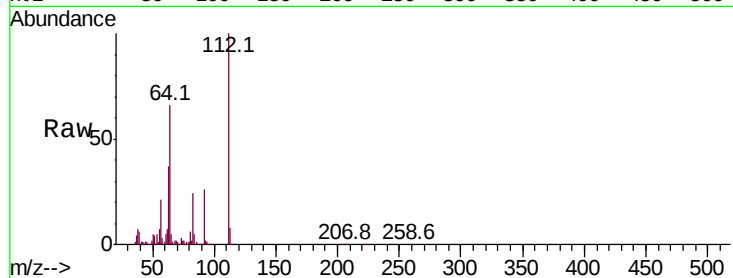
Tot Ion:112 Resp: 368464

Ion Ratio Lower Upper

112 100

64 66.5 56.6 84.8

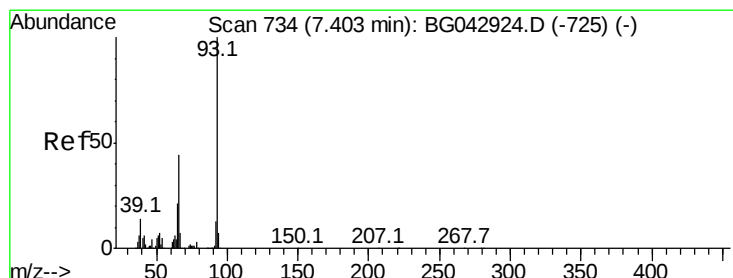
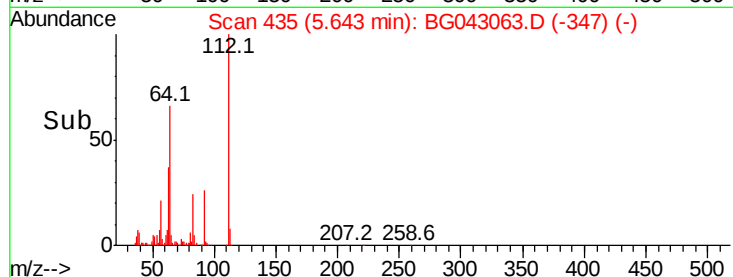
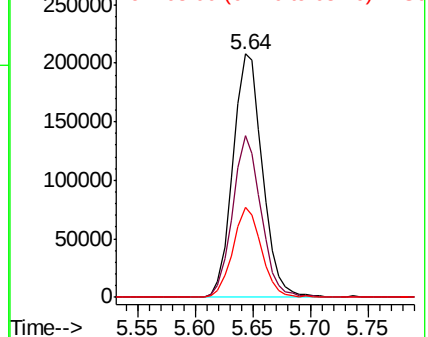
63 36.8 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.764 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

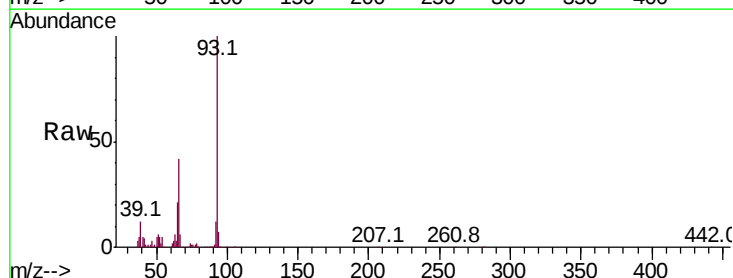
Tgt Ion: 93 Resp: 308978

Ion Ratio Lower Upper

93 100

66 41.8 35.0 52.6

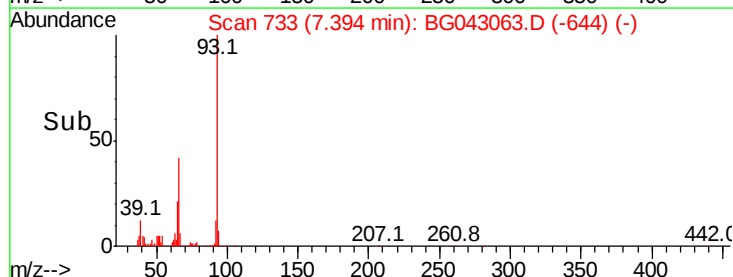
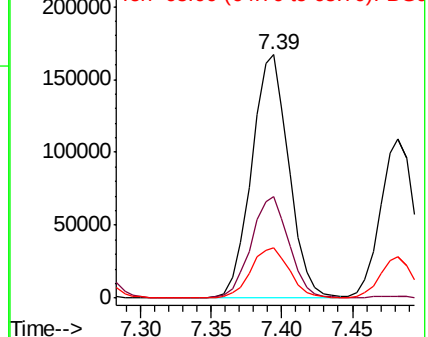
65 20.6 17.4 26.0

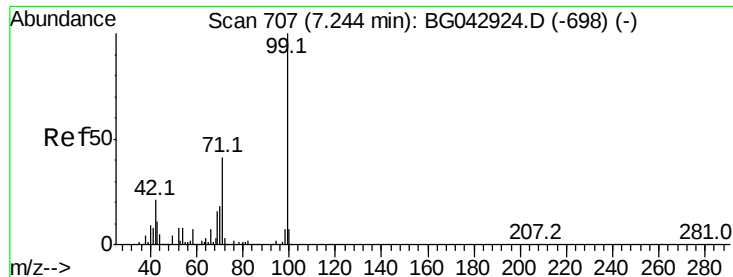


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.761 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

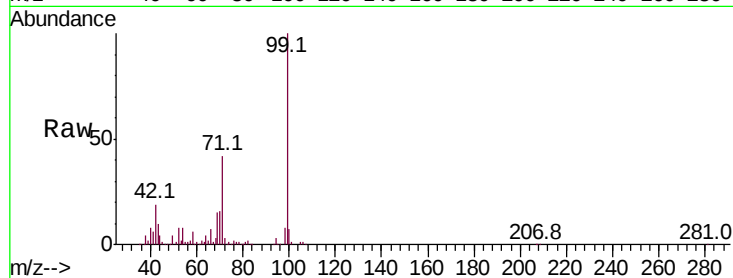
Tot Ion: 99 Resp: 527058

Ion Ratio Lower Upper

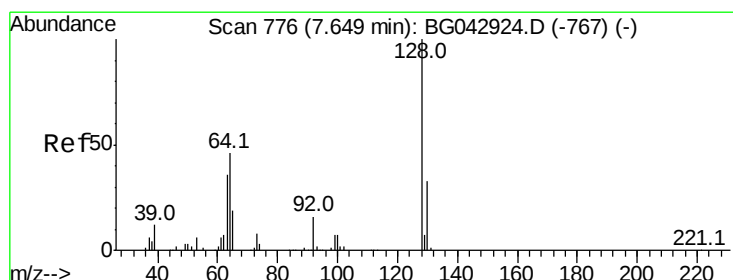
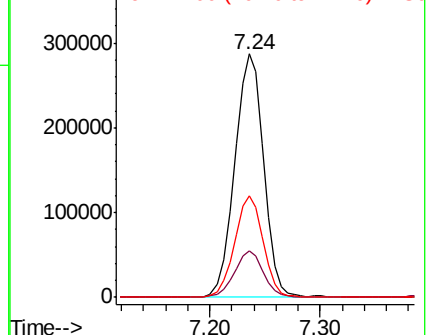
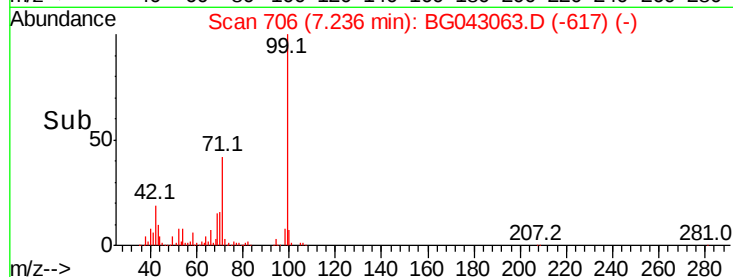
99 100

42 19.1 17.2 25.8

71 42.0 33.1 49.7



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: 39.638 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

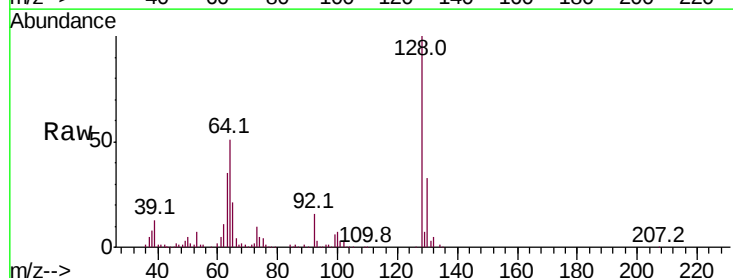
Tgt Ion: 128 Resp: 194562

Ion Ratio Lower Upper

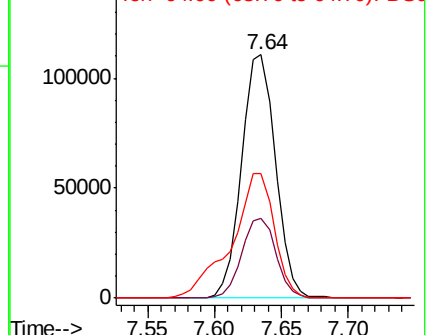
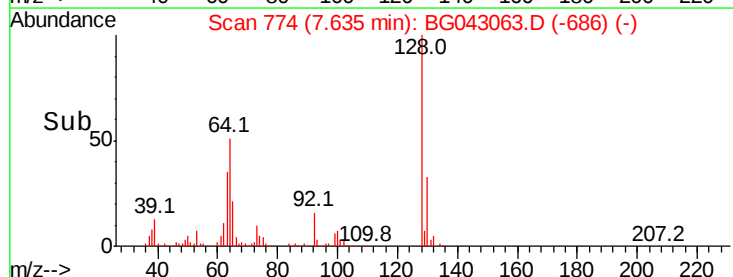
128 100

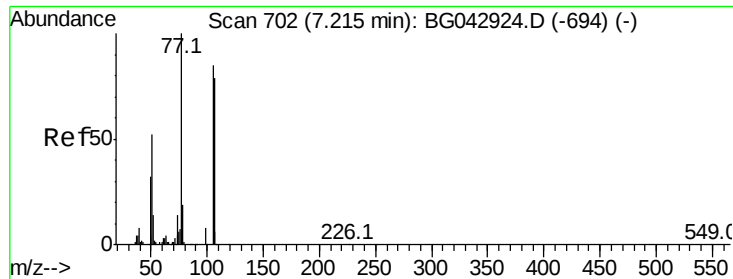
130 32.8 12.5 52.5

64 51.2 32.8 72.8



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





#9

Benzaldehyde

Concen: 33.650 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

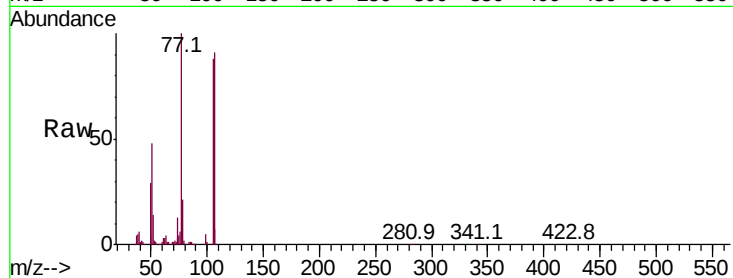
Tot Ion: 77 Resp: 139370

Ion Ratio Lower Upper

77 100

105 87.9 64.6 104.6

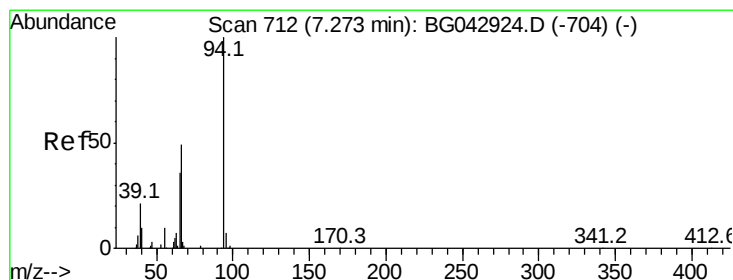
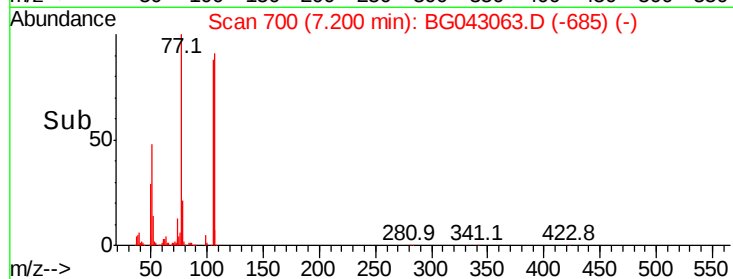
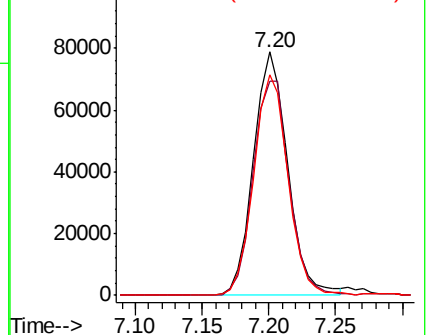
106 90.7 59.4 99.4



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: 38.625 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

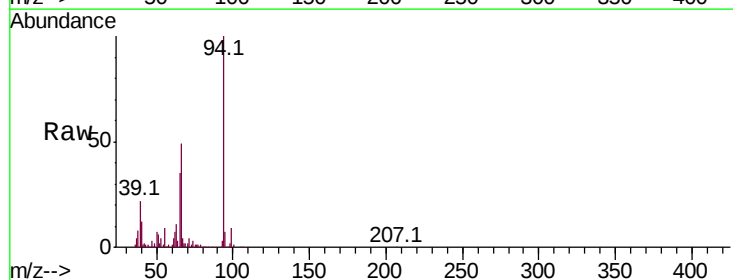
Tgt Ion: 94 Resp: 240191

Ion Ratio Lower Upper

94 100

65 34.7 16.6 56.6

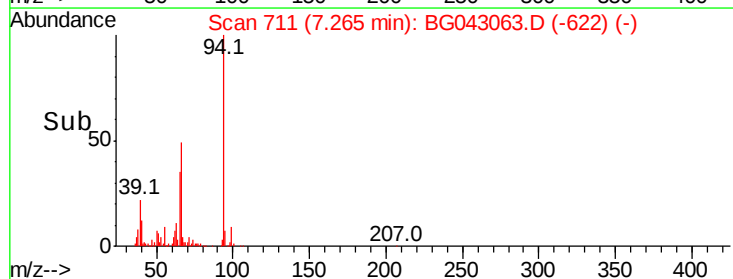
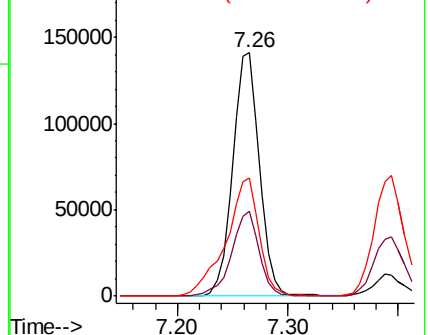
66 48.7 32.4 72.4

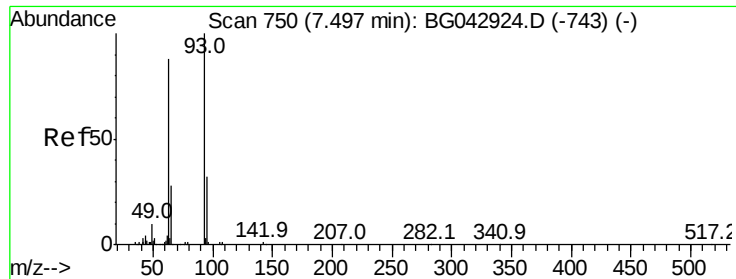


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.901 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

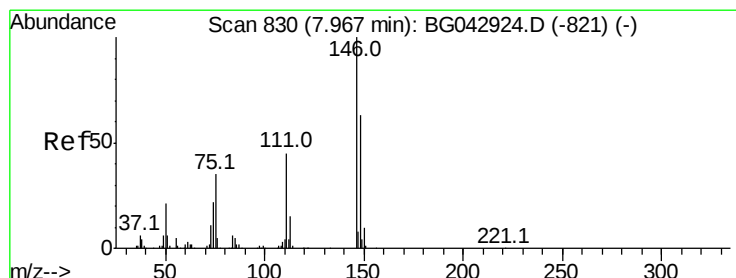
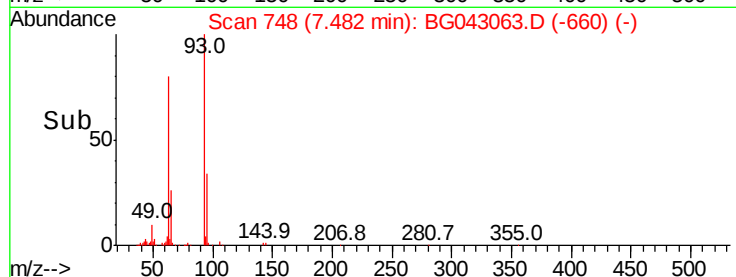
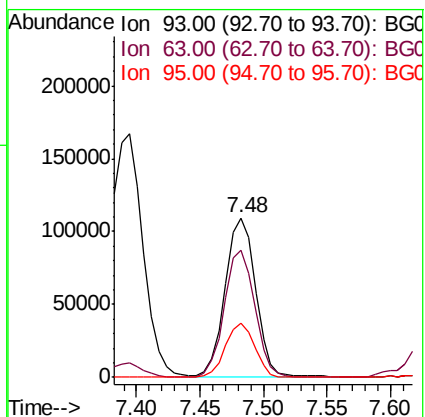
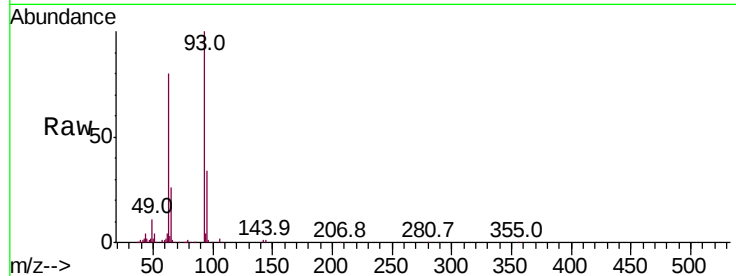
Tot Ion: 93 Resp: 182360

Ion Ratio Lower Upper

93 100

63 79.8 67.4 107.4

95 34.3 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 39.199 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

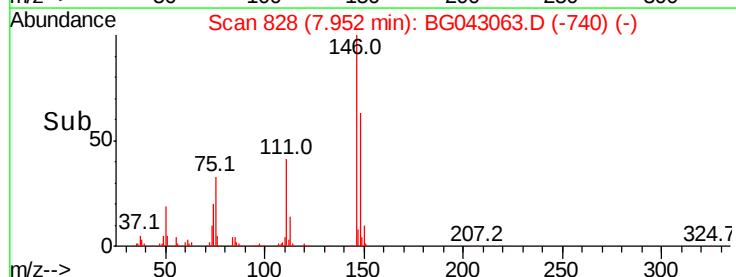
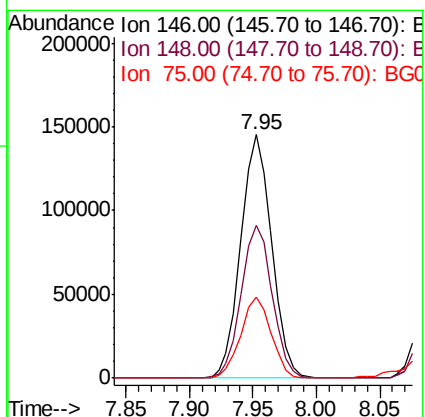
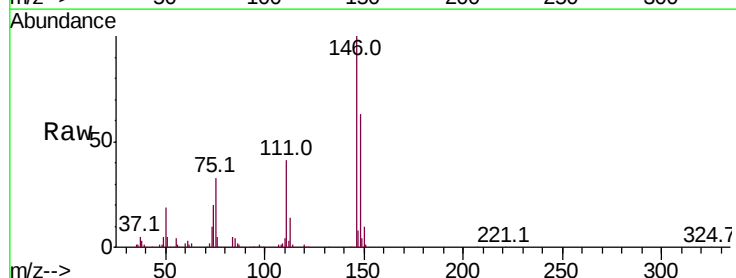
Tgt Ion: 146 Resp: 245453

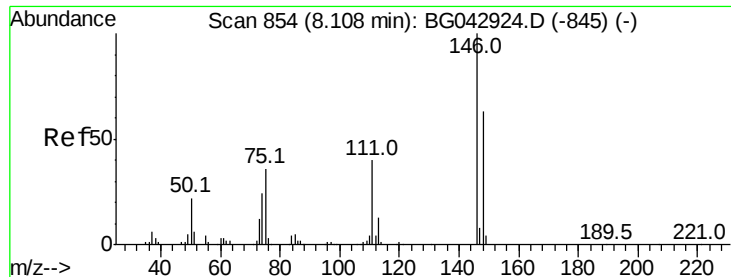
Ion Ratio Lower Upper

146 100

148 62.9 50.7 76.1

75 33.4 27.7 41.5





#13

1,4-Dichlorobenzene

Concen: 39.438 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

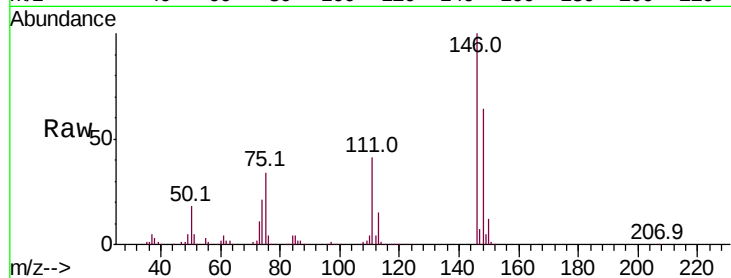
Tot Ion:146 Resp: 246175

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

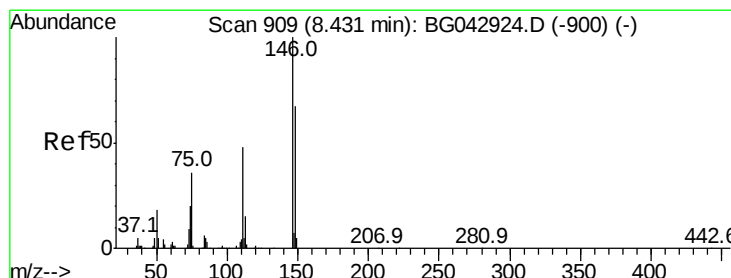
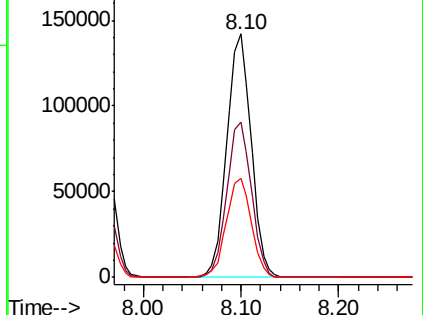
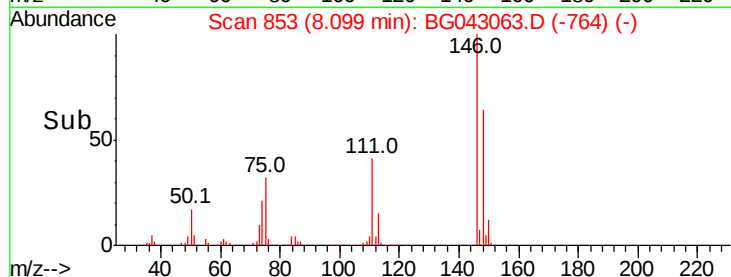
111 40.8 31.8 47.8



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



#14

1,2-Dichlorobenzene

Concen: 39.758 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

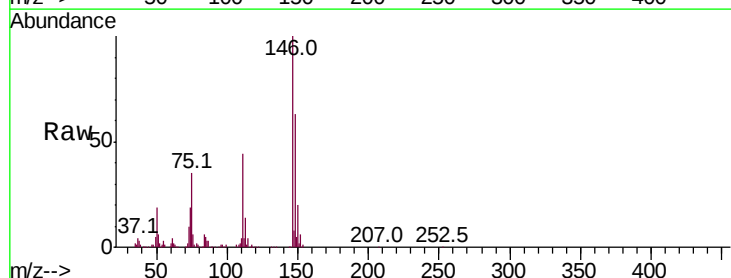
Tgt Ion:146 Resp: 236271

Ion Ratio Lower Upper

146 100

148 63.2 53.4 80.2

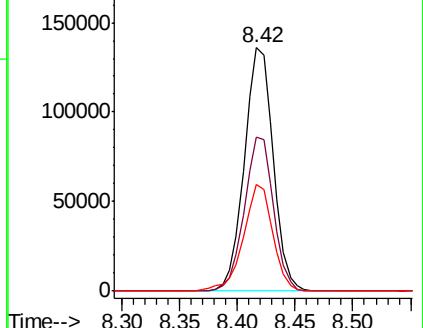
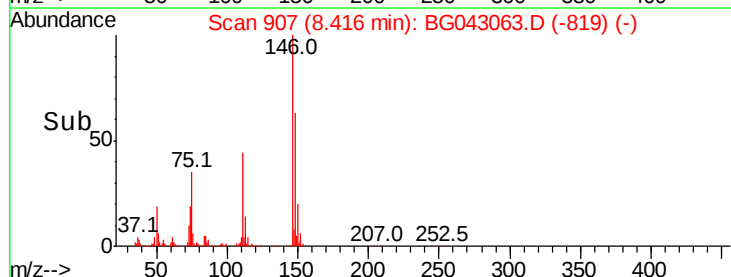
111 43.9 38.5 57.7

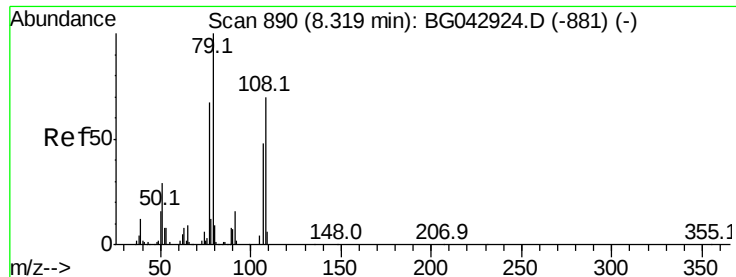


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.291 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

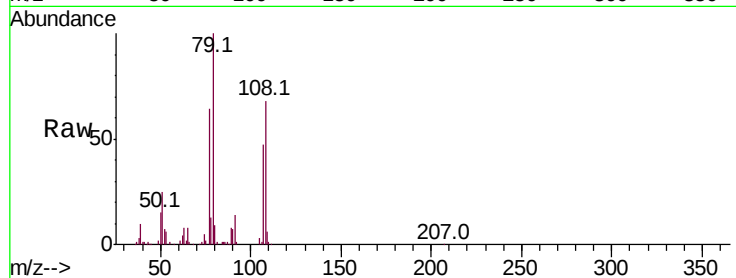
Tot Ion: 79 Resp: 179840

Ion Ratio Lower Upper

79 100

108 67.9 55.7 83.5

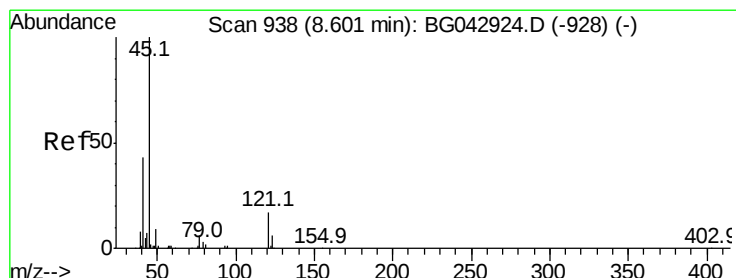
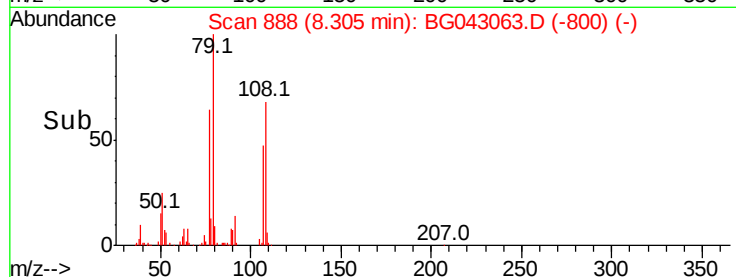
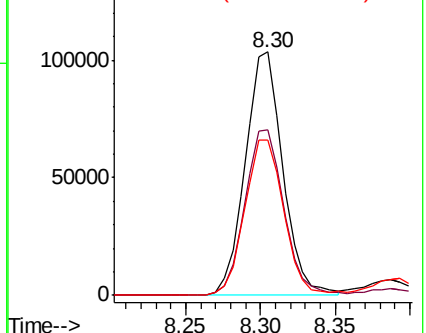
77 63.5 53.3 79.9



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: 30.564 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

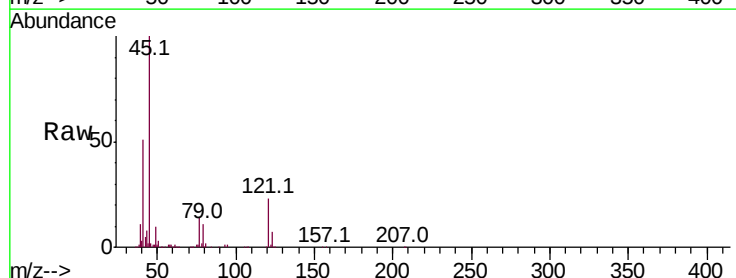
Tgt Ion: 45 Resp: 282419

Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.8

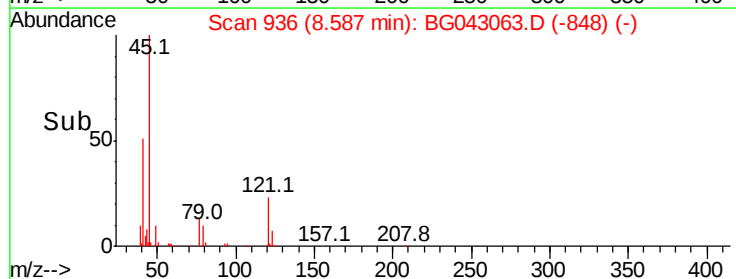
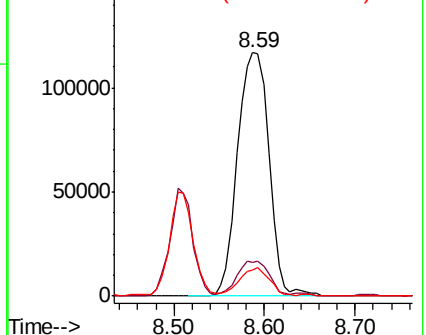
79 10.7 0.0 29.4

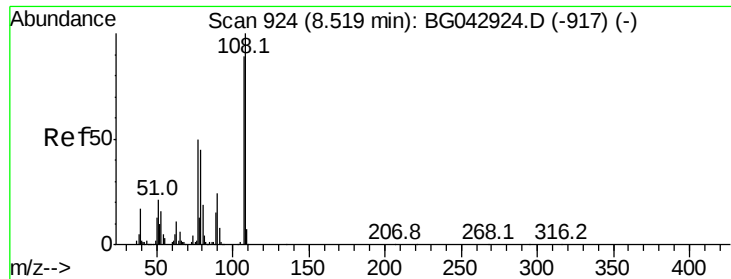


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 38.799 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 168823

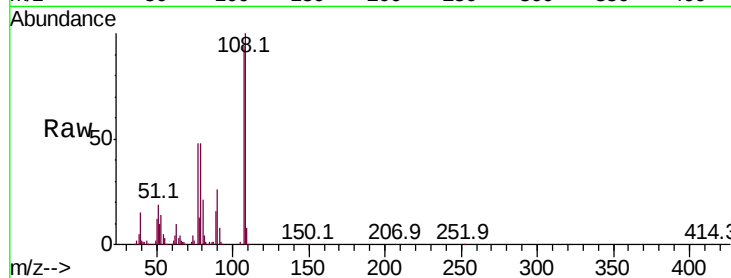
Ion Ratio Lower Upper

107 100

108 106.3 89.9 134.9

77 51.2 45.4 68.2

79 51.2 41.4 62.0

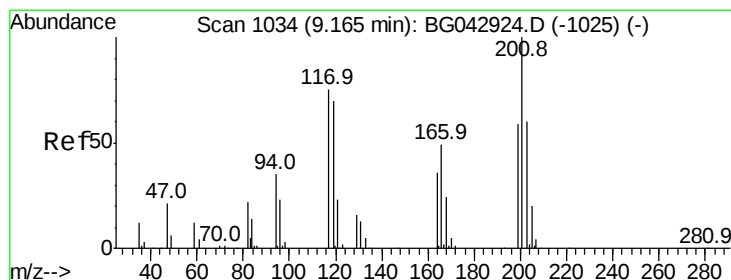
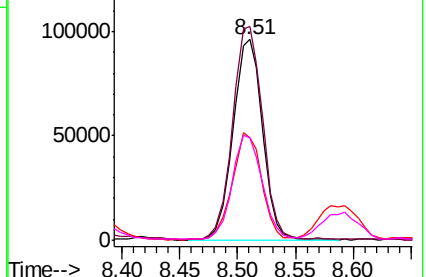
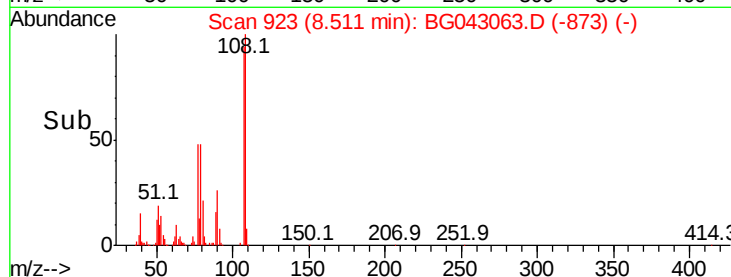


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.842 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

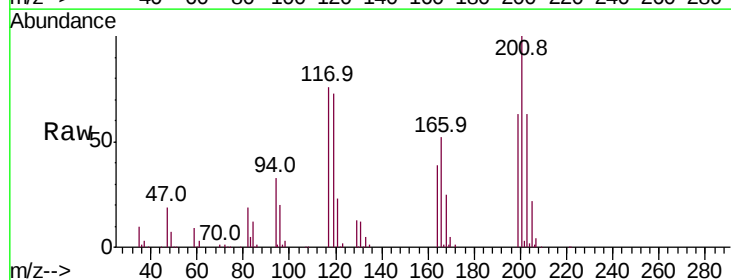
Tgt Ion:117 Resp: 88961

Ion Ratio Lower Upper

117 100

119 95.7 74.6 111.8

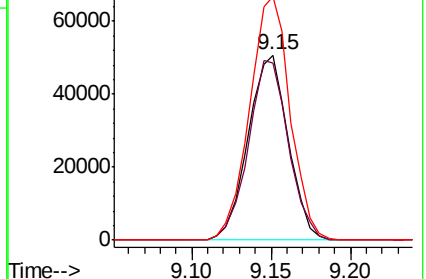
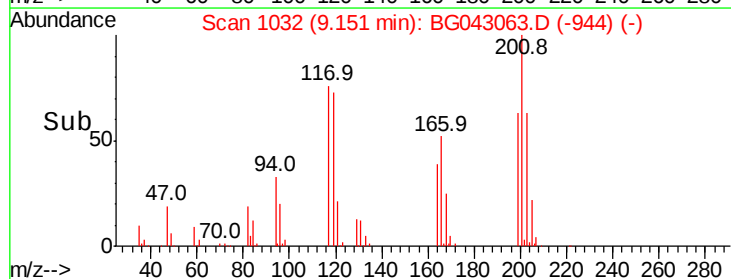
201 131.7 106.0 159.0

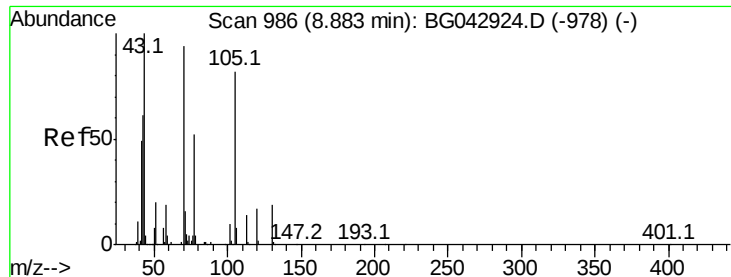


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

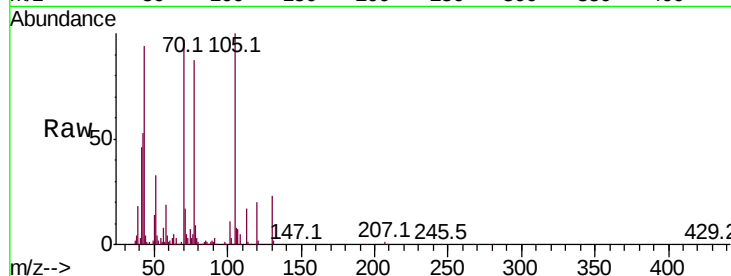




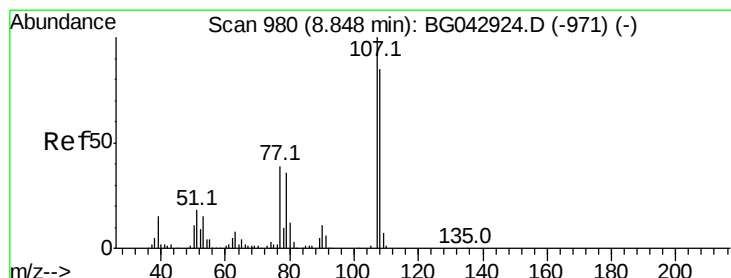
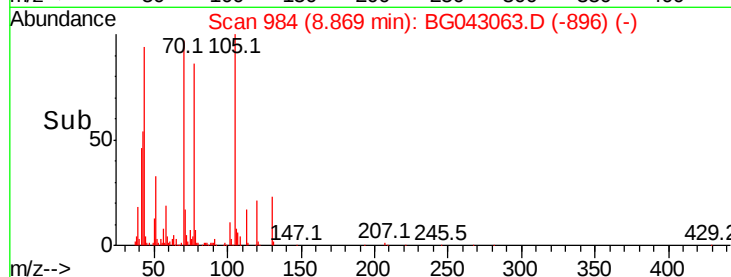
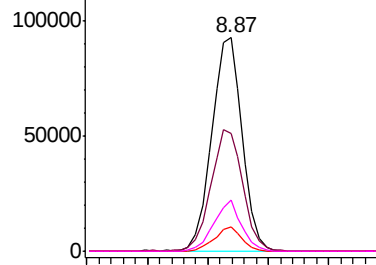
#19
n-Nitroso-di-n-propylamine
Concen: 36.389 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion: 70 Resp: 161953
Ion Ratio Lower Upper
70 100
42 55.1 52.6 79.0
101 11.2 8.7 13.1
130 24.0 15.8 23.8#

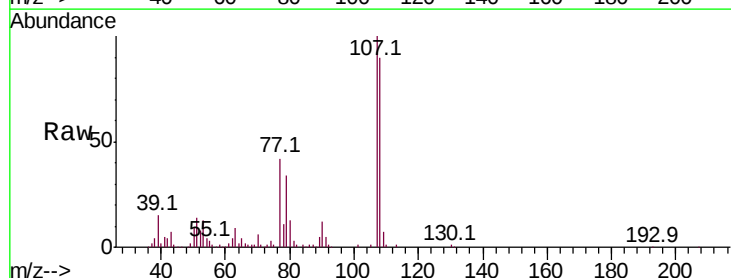


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

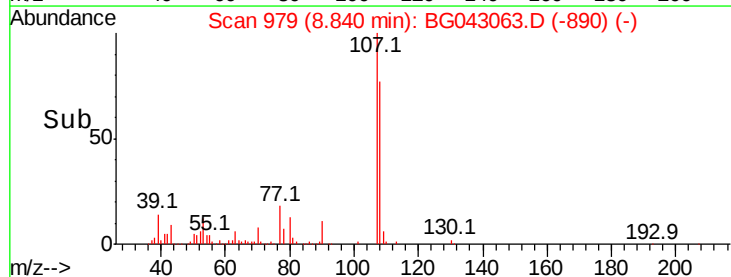
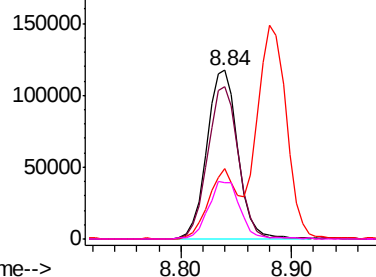


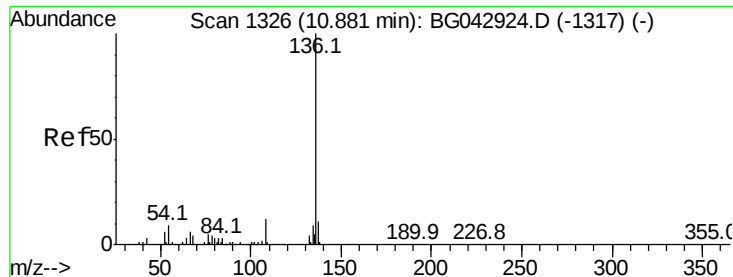
#20
3+4-Methylphenols
Concen: 38.807 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion:107 Resp: 231402
Ion Ratio Lower Upper
107 100
108 90.4 64.9 104.9
77 41.6 19.4 59.4
79 33.5 16.2 56.2



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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 332586

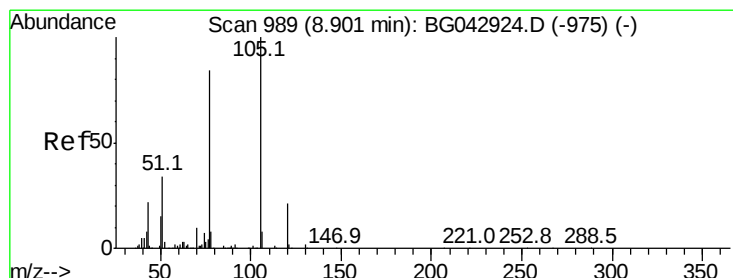
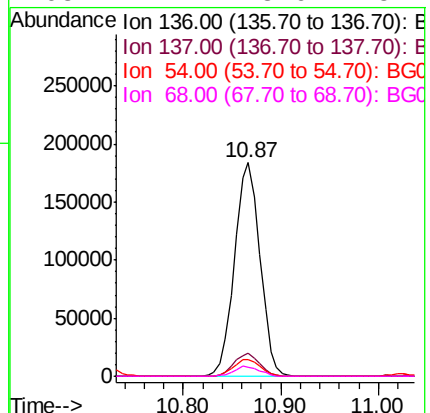
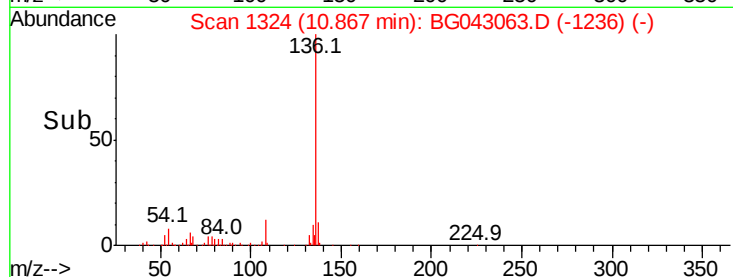
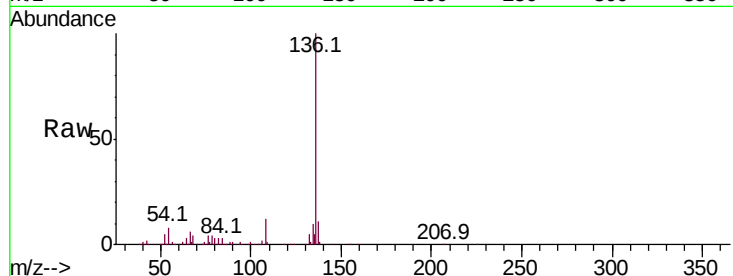
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.9 7.4 11.2

68 4.1 3.6 5.4



#22

Acetophenone

Concen: 38.392 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Tgt Ion:105 Resp: 329133

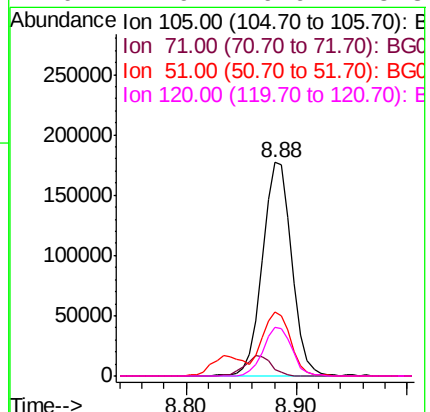
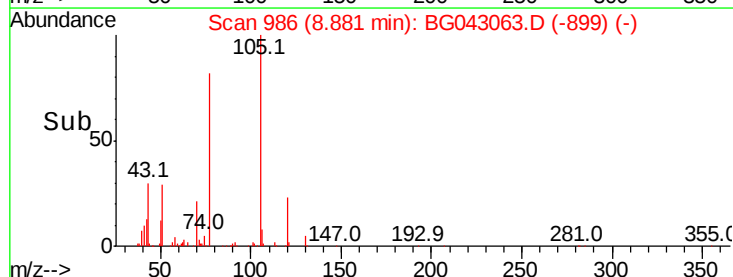
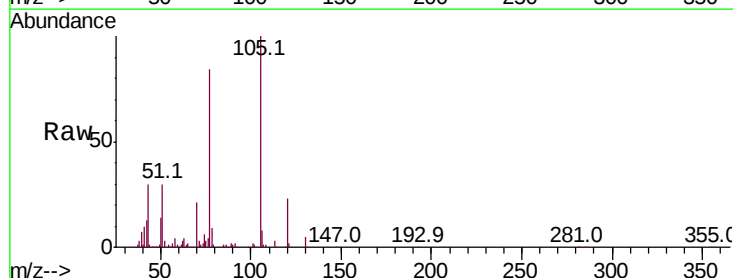
Ion Ratio Lower Upper

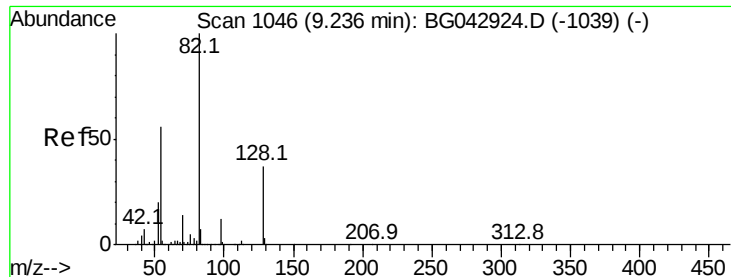
105 100

71 3.3 1.2 1.8#

51 29.9 27.2 40.8

120 22.9 16.9 25.3

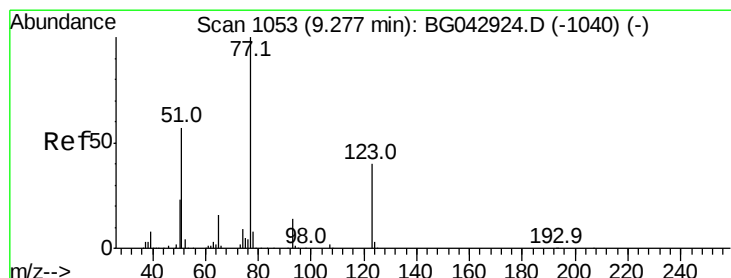
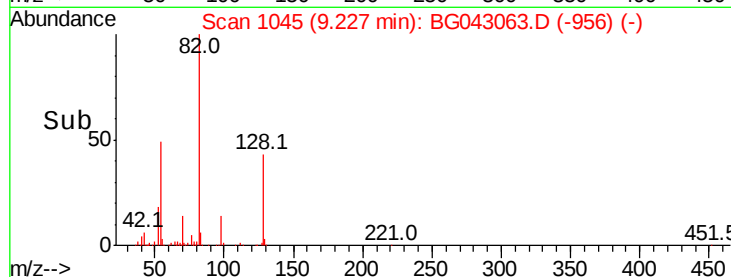
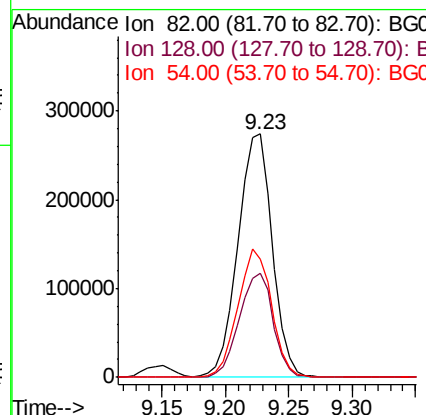
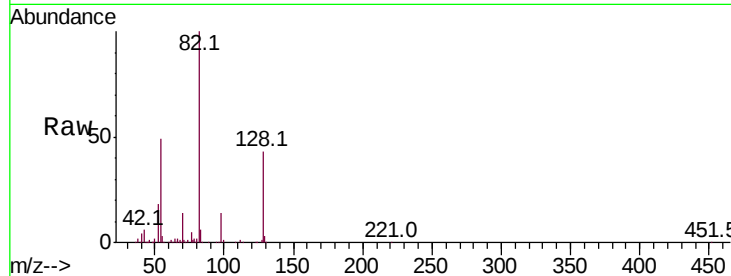




#23
 Nitrobenzene-d5
 Concen: 74.749 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

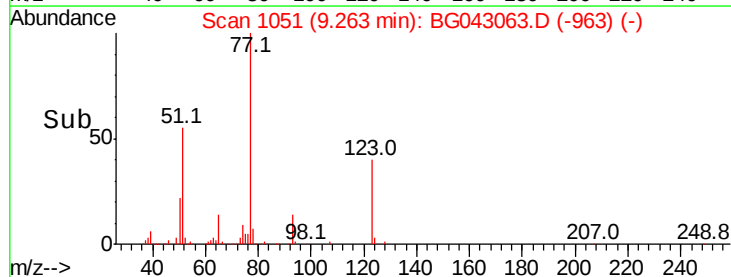
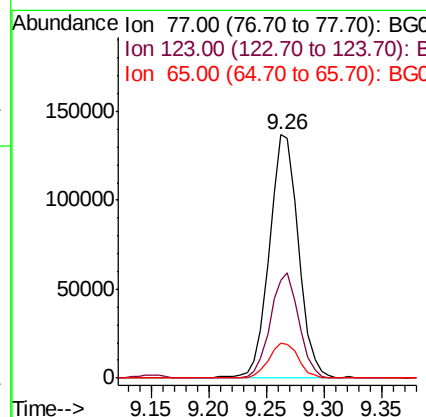
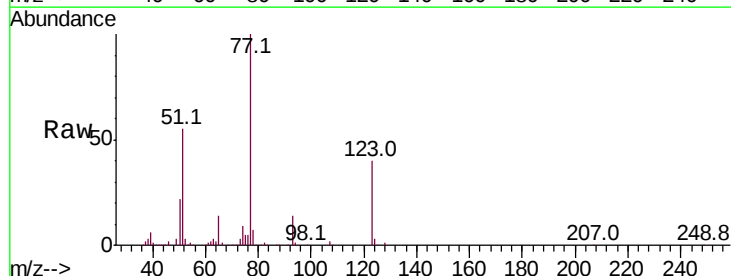
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

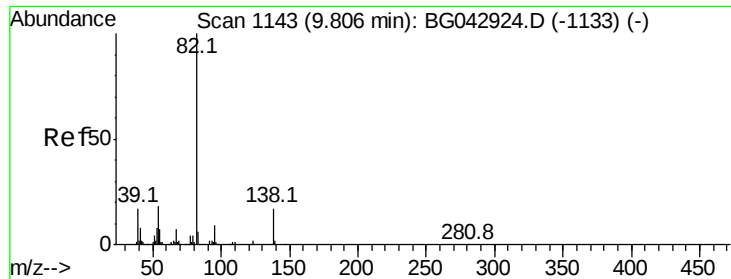
Tot Ion	82	Resp	511480
Ion Ratio	Lower	Upper	
82	100		
128	42.5	29.5	44.3
54	48.7	44.6	67.0



#24
 Nitrobenzene
 Concen: 36.974 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion	77	Resp	241324
Ion Ratio	Lower	Upper	
77	100		
123	40.2	31.9	47.9
65	14.2	12.4	18.6





#25

Isophorone

Concen: 36.803 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

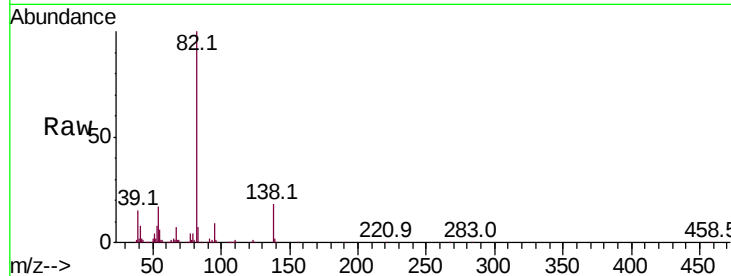
Tot Ion: 82 Resp: 442351

Ion Ratio Lower Upper

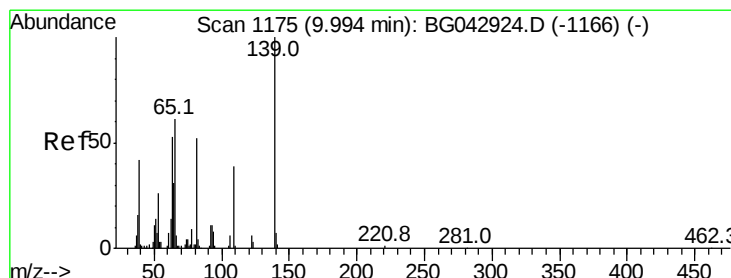
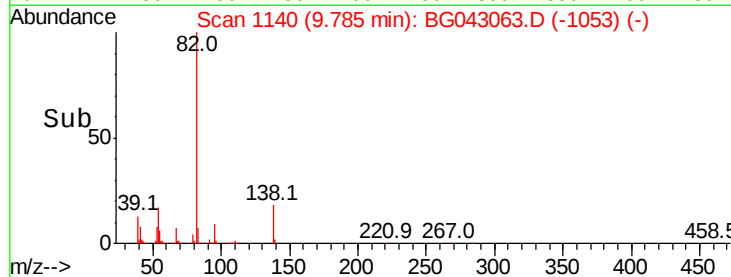
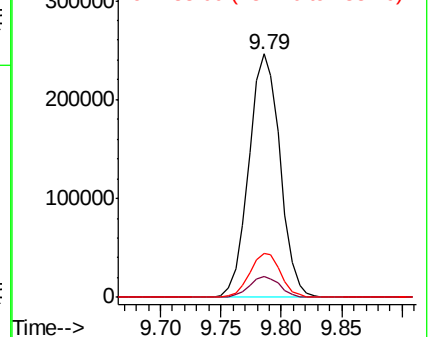
82 100

95 8.8 7.0 10.4

138 18.2 13.8 20.6



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



#26

2-Nitrophenol

Concen: 42.197 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

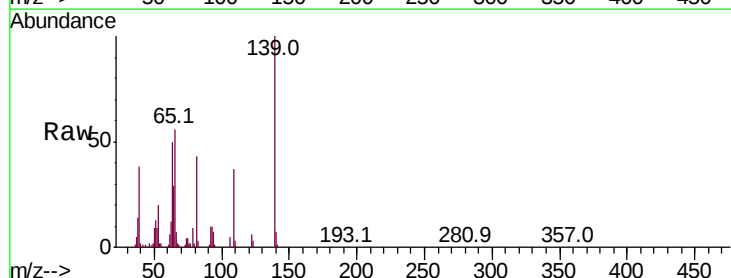
Tgt Ion: 139 Resp: 117241

Ion Ratio Lower Upper

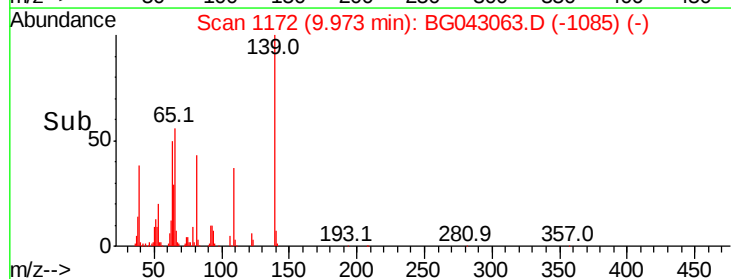
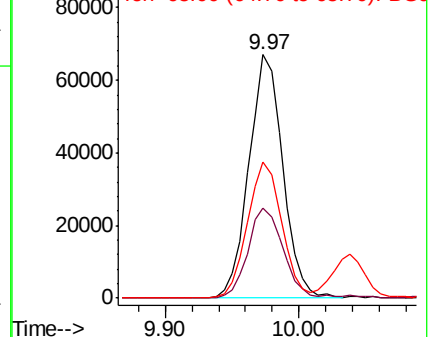
139 100

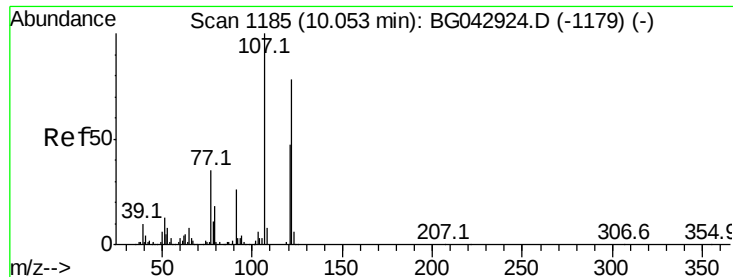
109 36.7 31.0 46.6

65 55.9 48.4 72.6



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

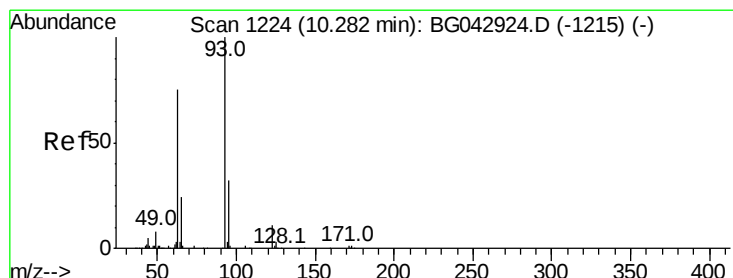
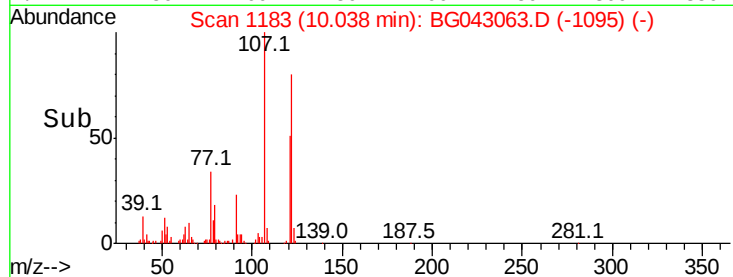
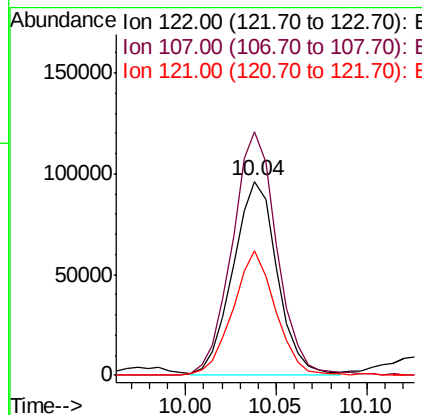
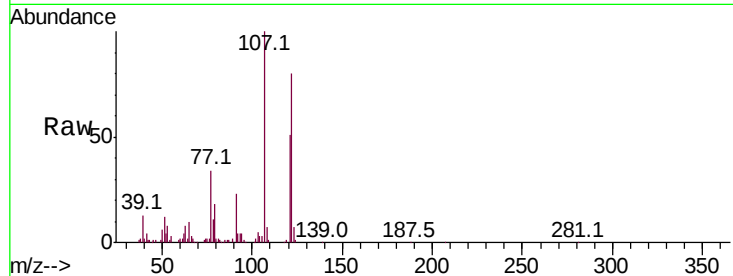




#27
2,4-Dimethylphenol
Concen: 37.973 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

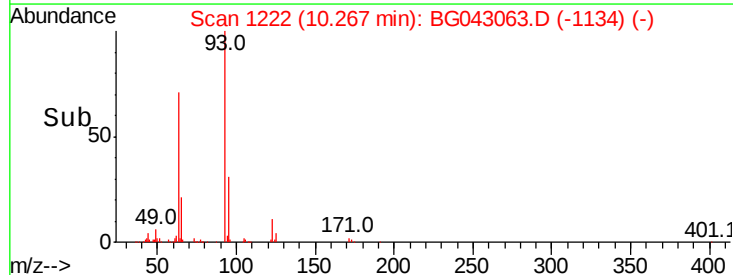
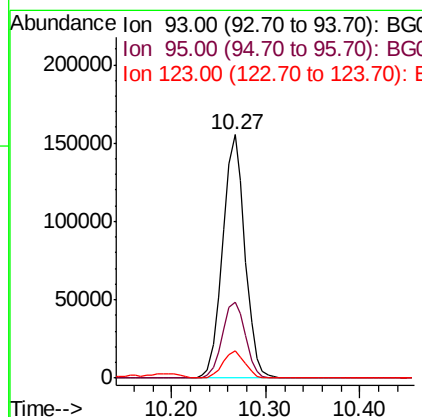
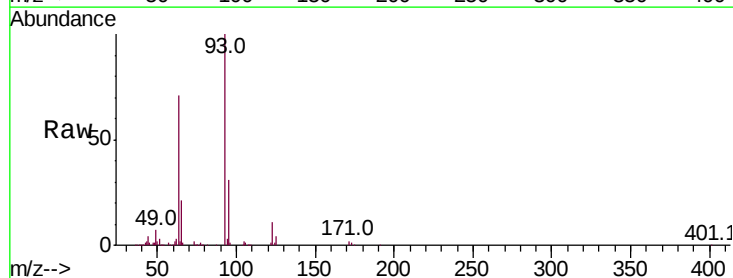
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

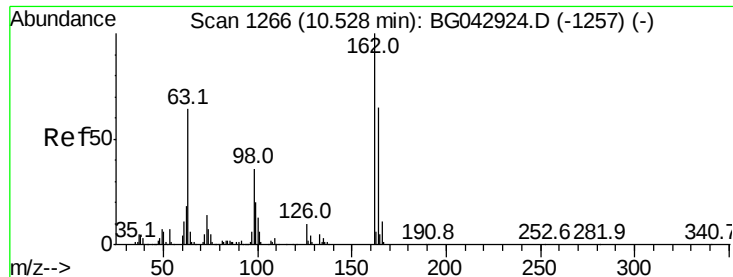
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	102.2	153.2
121	64.1	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 37.528 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.4	38.0
123	11.1	9.3	13.9

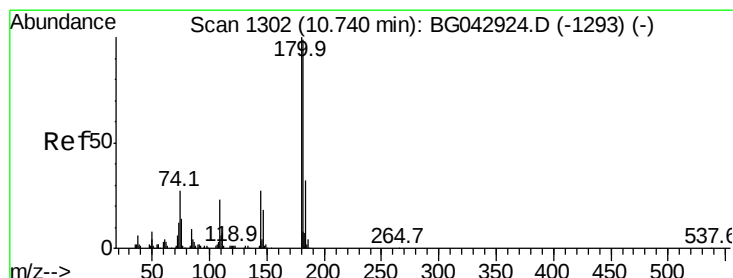
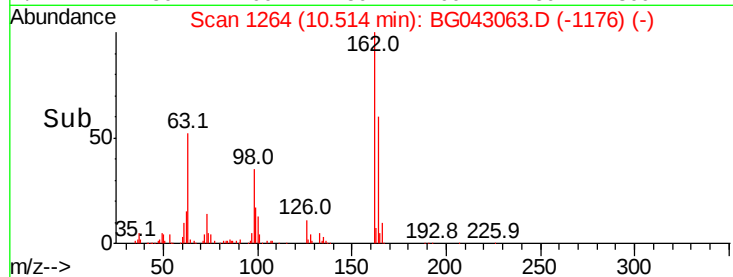
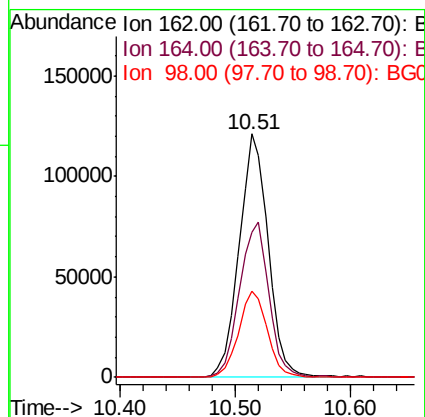
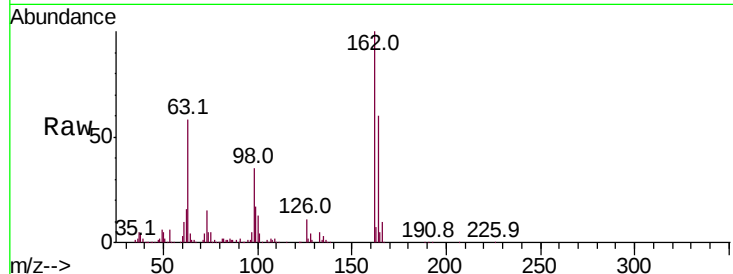




#29
 2,4-Dichlorophenol
 Concen: 39.713 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

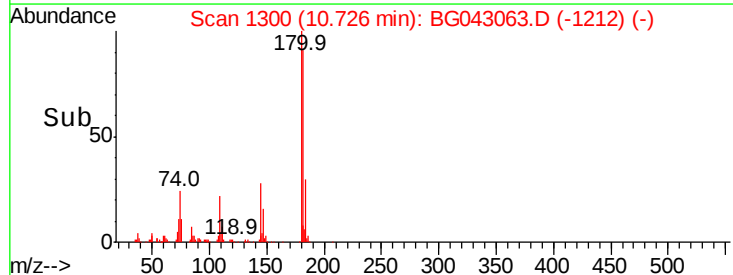
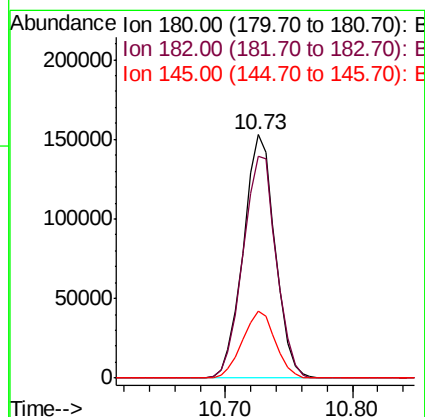
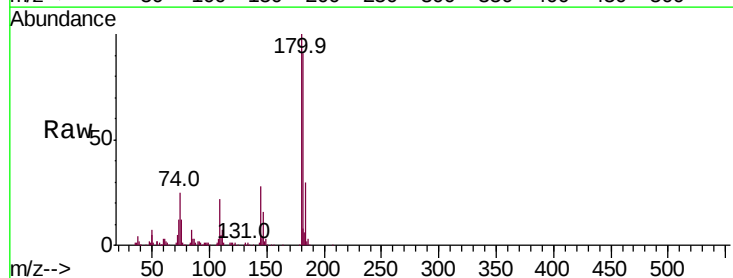
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

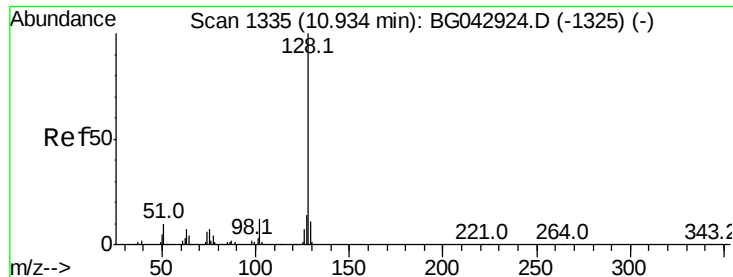
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.8	44.7	84.7
98	35.2	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.780 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	79.3	118.9
145	27.5	22.0	33.0

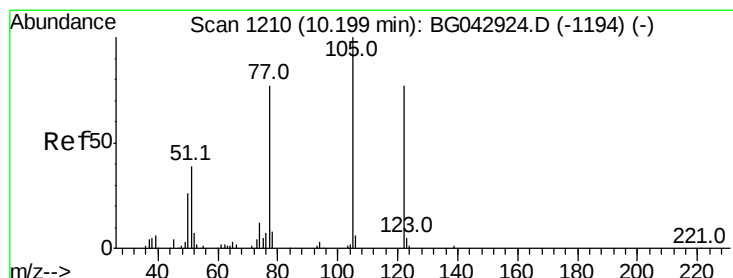
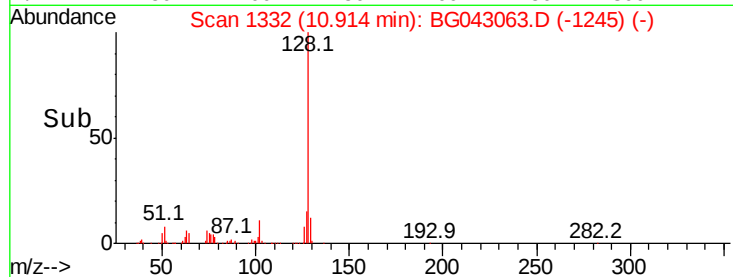
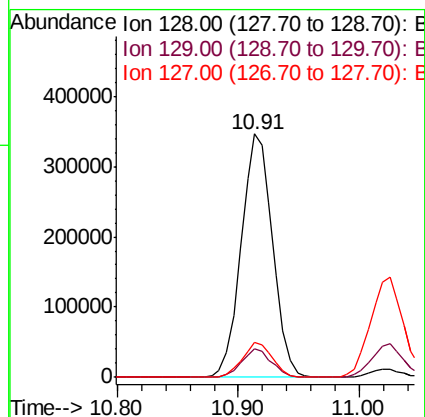
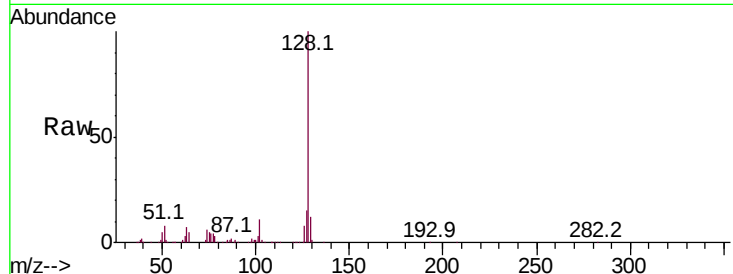




#31
Naphthalene
Concen: 38.188 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

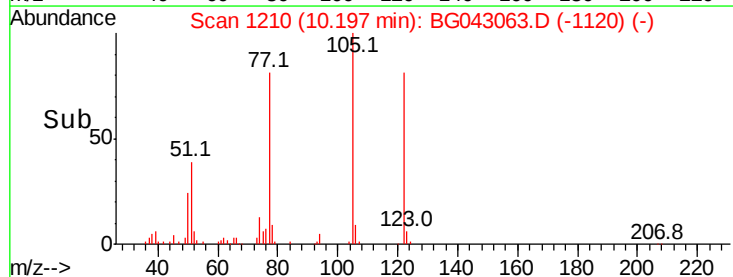
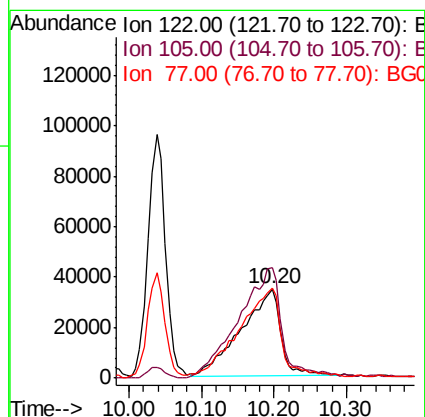
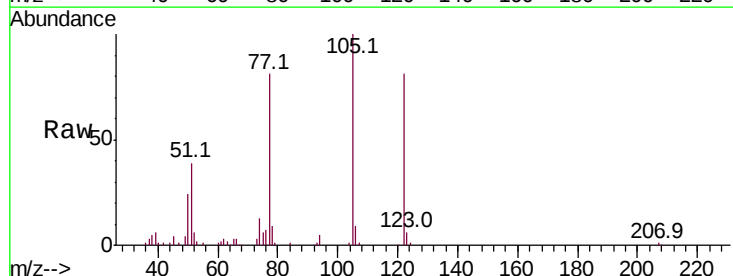
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

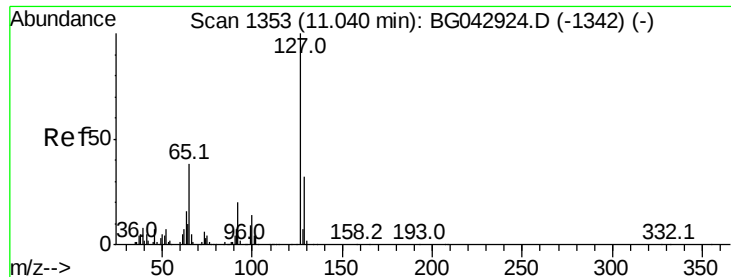
Tot Ion:128 Resp: 625209
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 40.990 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion:122 Resp: 131779
Ion Ratio Lower Upper
122 100
105 123.7 107.5 147.5
77 100.4 79.8 119.8





#33

4-Chloroaniline

Concen: 38.458 ng

RT: 11.03 min Scan# 1351

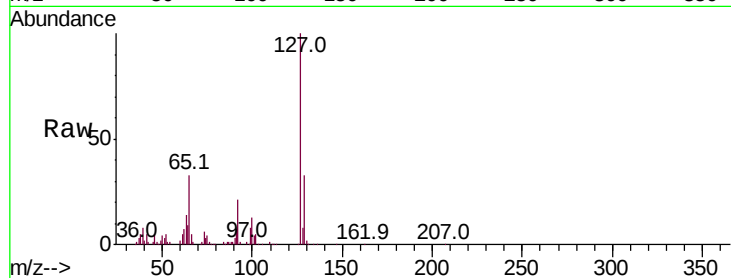
Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	273216
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.2
65	33.4	30.6	45.8
92	21.1	16.2	24.4



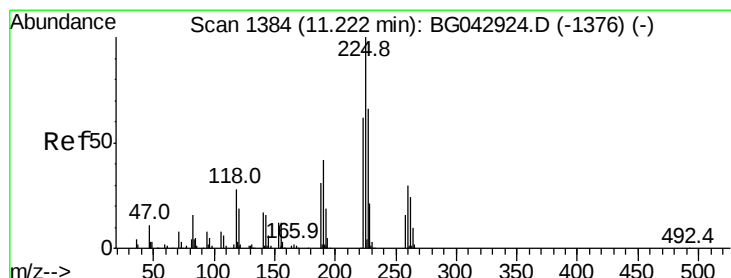
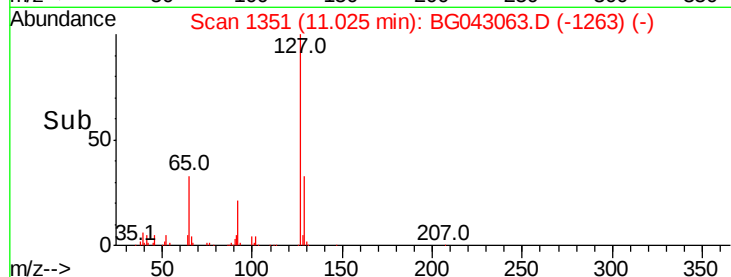
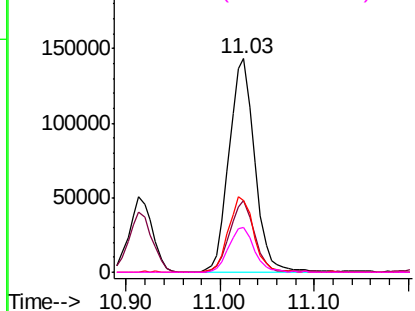
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34

Hexachlorobutadiene

Concen: 37.525 ng

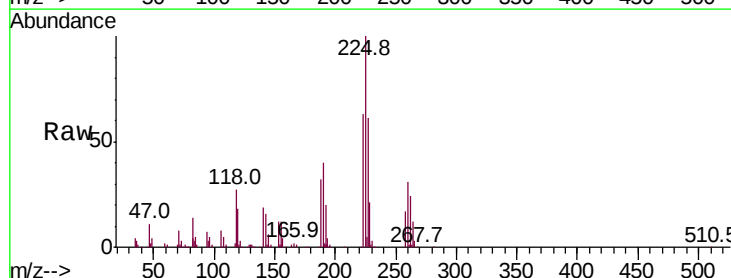
RT: 11.20 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Tgt Ion:	225	Resp:	192549
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.3	73.9
227	61.3	52.8	79.2

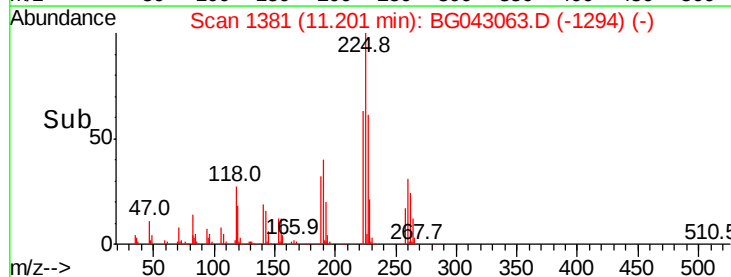
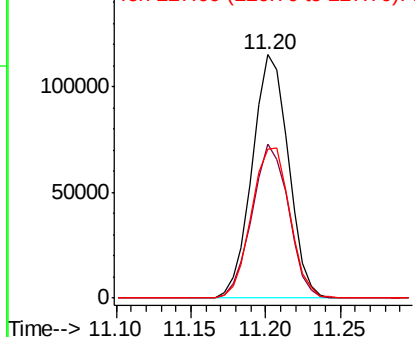


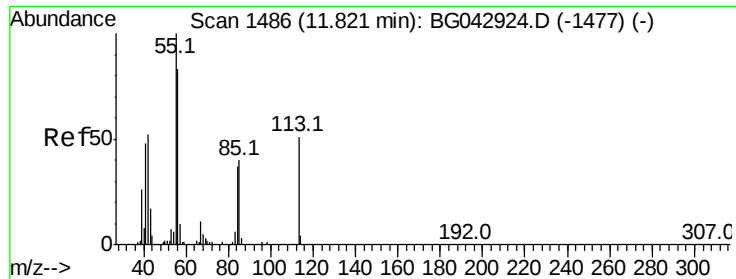
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.639 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

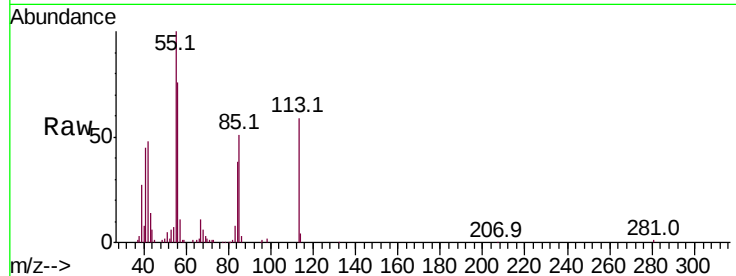
Tot Ion:113 Resp: 68567

Ion Ratio Lower Upper

113 100

55 170.9 175.5 215.5#

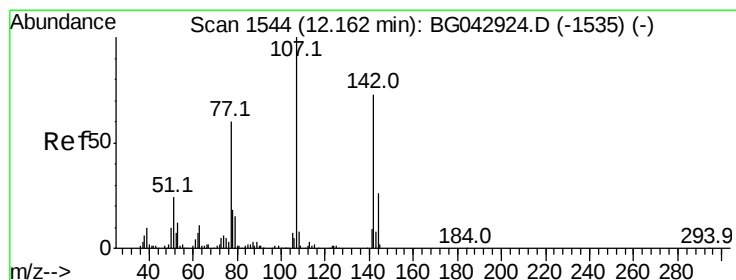
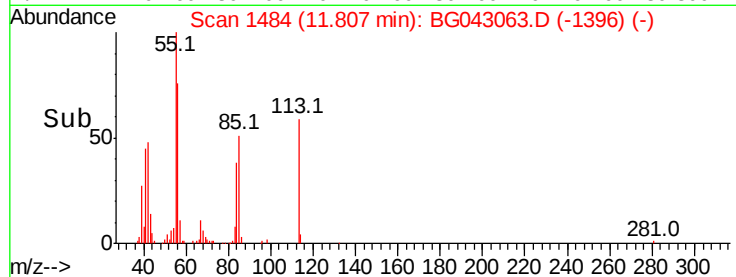
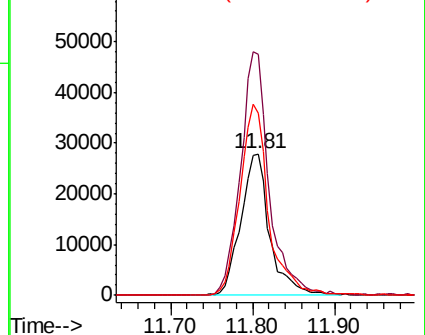
56 129.3 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.401 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

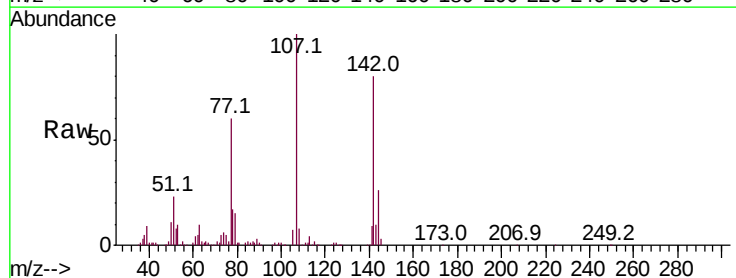
Tgt Ion:107 Resp: 215800

Ion Ratio Lower Upper

107 100

144 26.2 20.7 31.1

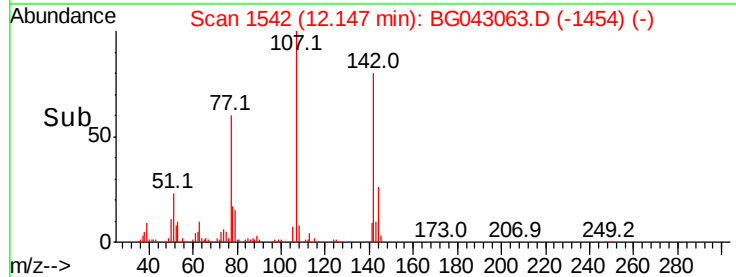
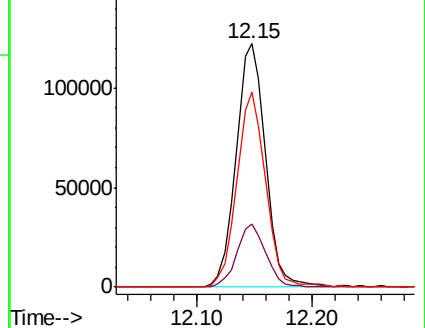
142 80.0 58.6 87.8

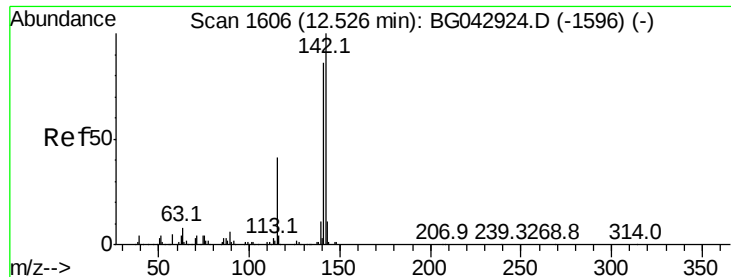


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

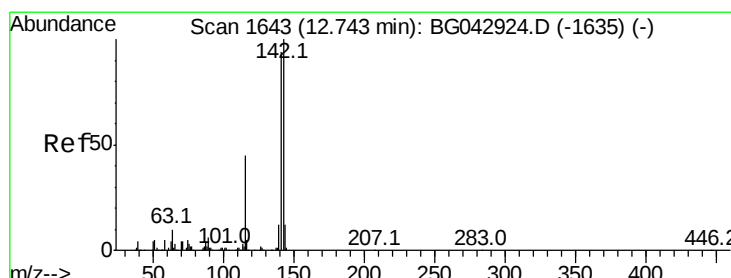
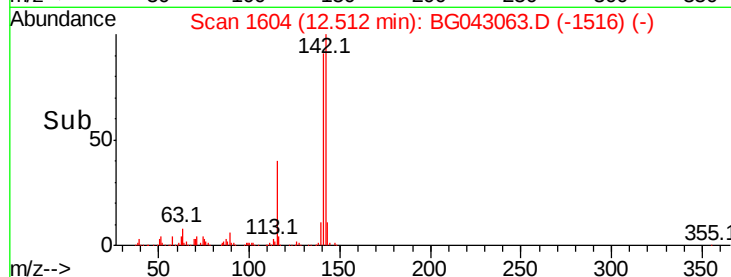
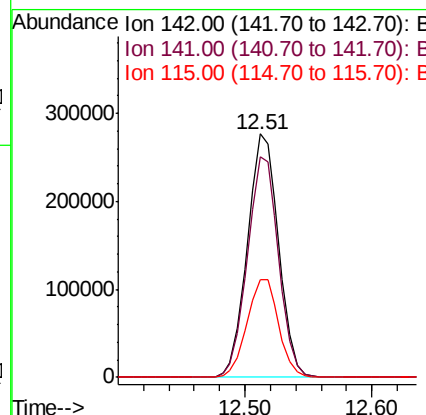
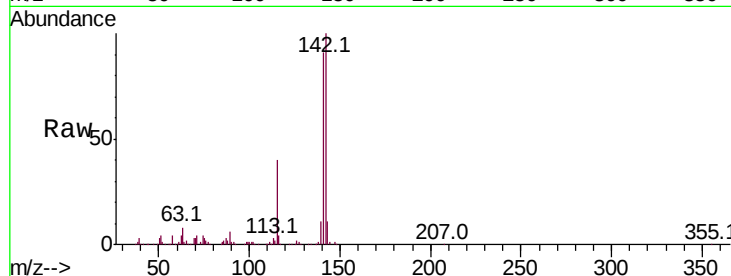




#37
 2-Methylnaphthalene
 Concen: 37.827 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

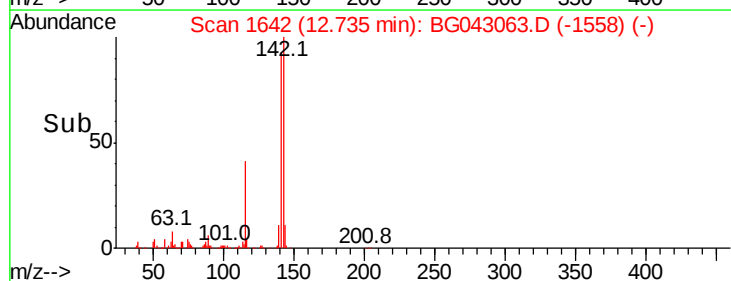
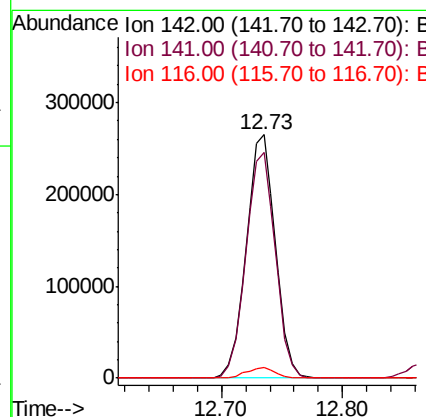
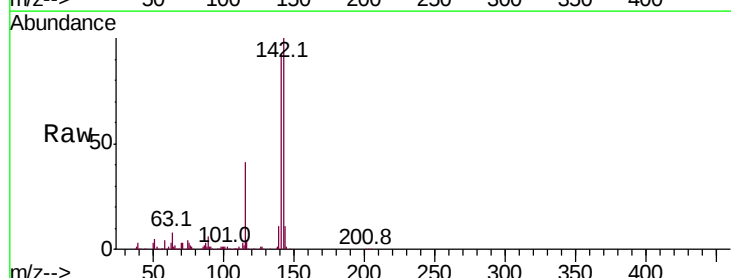
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

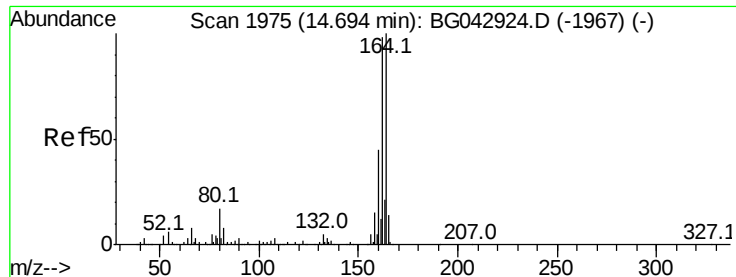
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	69.0	103.4
115	39.9	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 37.592 ng
 RT: 12.73 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.9	112.3
116	4.3	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

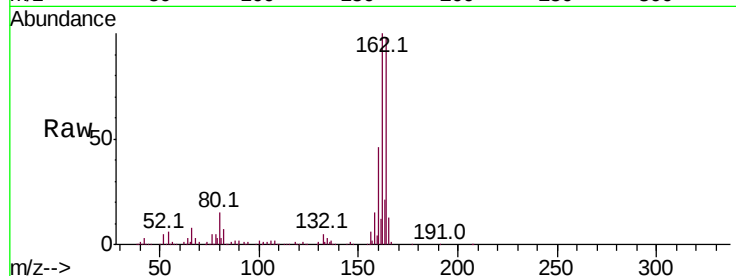
Tot Ion:164 Resp: 222031

Ion Ratio Lower Upper

164 100

162 102.2 78.5 117.7

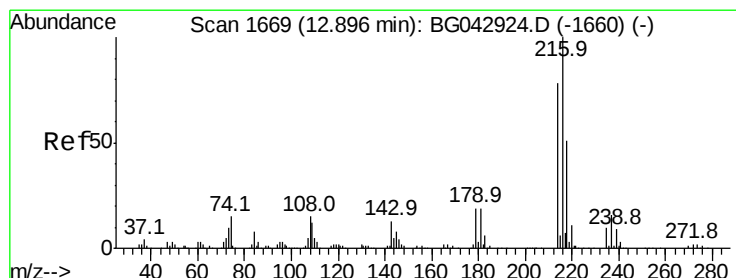
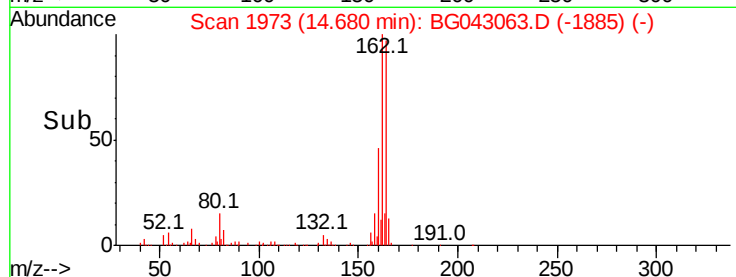
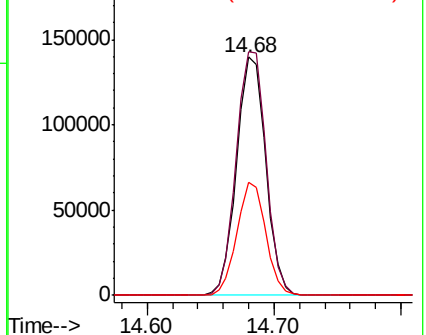
160 47.2 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.645 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Tgt Ion:216 Resp: 339309

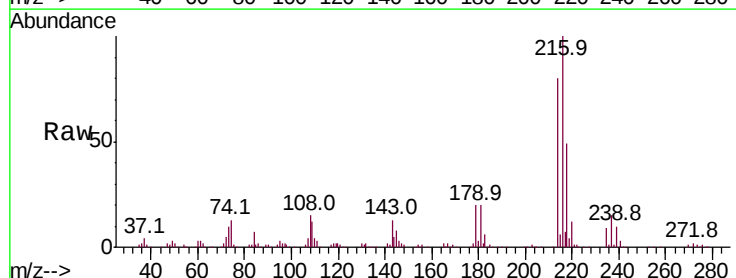
Ion Ratio Lower Upper

216 100

214 79.8 62.4 93.6

179 20.0 15.4 23.2

108 15.1 12.6 19.0

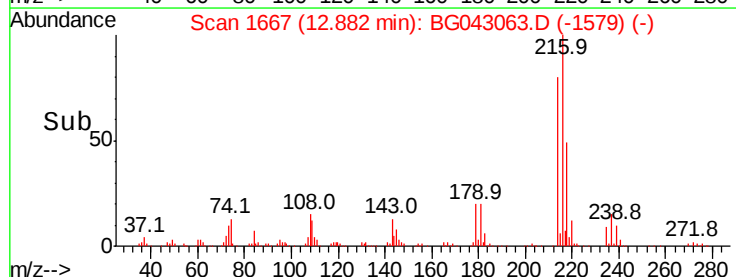
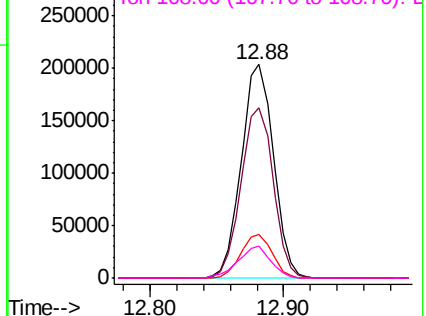


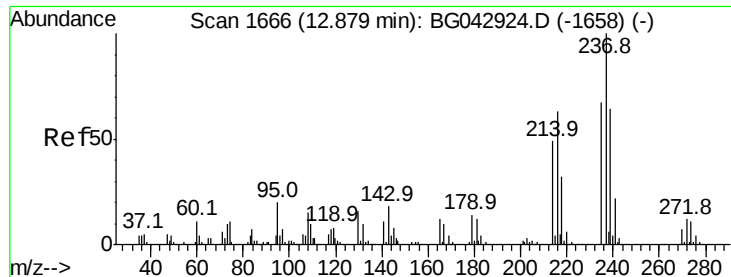
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.060 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

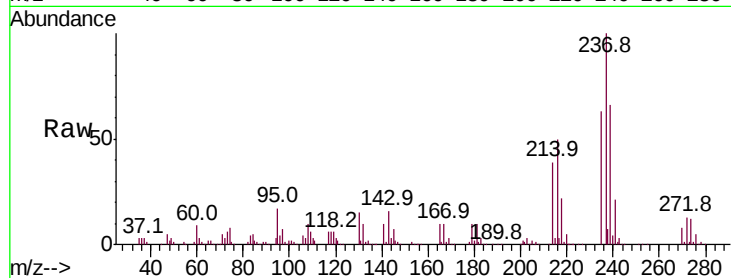
Tot Ion:237 Resp: 223720

Ion Ratio Lower Upper

237 100

235 63.1 46.7 86.7

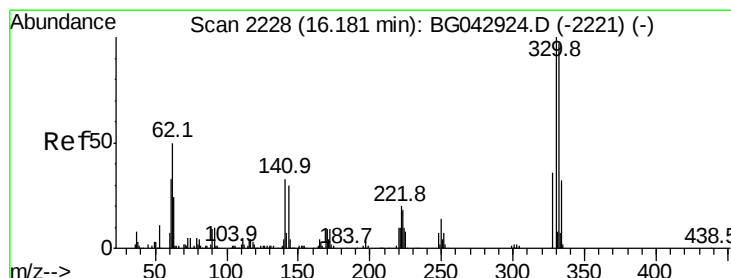
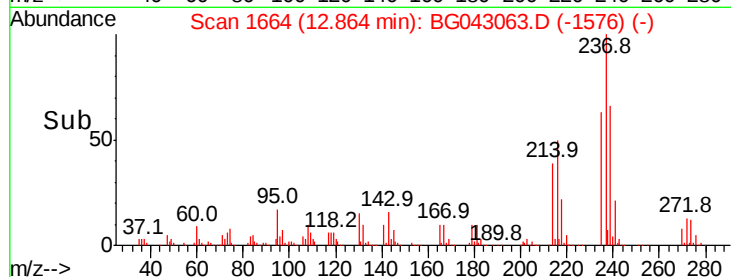
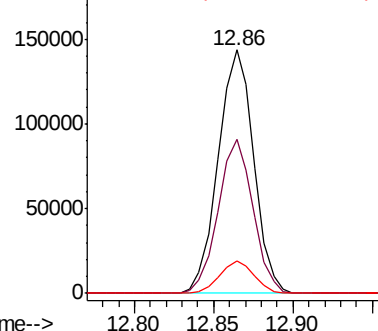
272 13.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.001 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

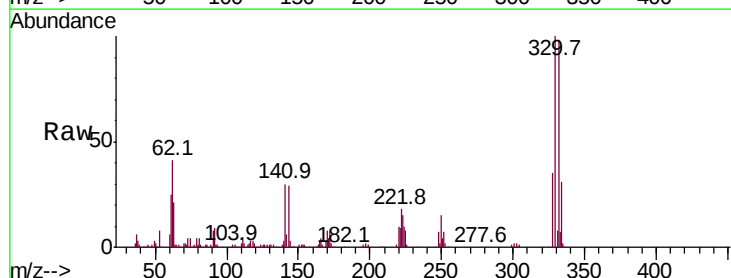
Tgt Ion:330 Resp: 305440

Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.2

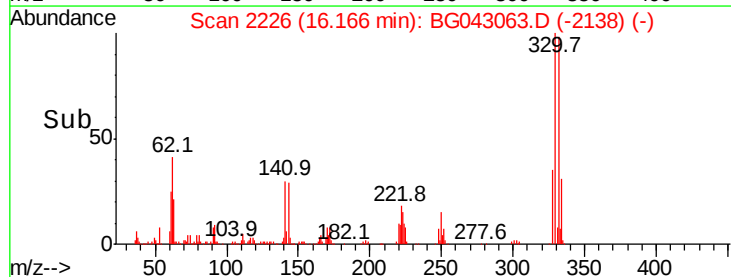
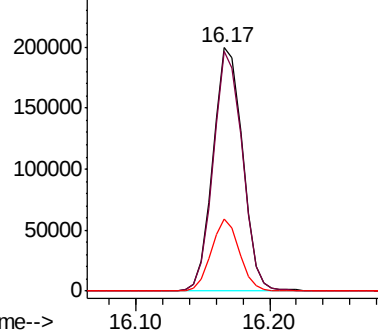
141 28.4 26.0 39.0

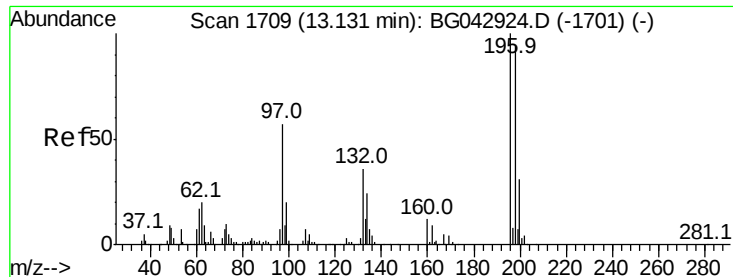


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

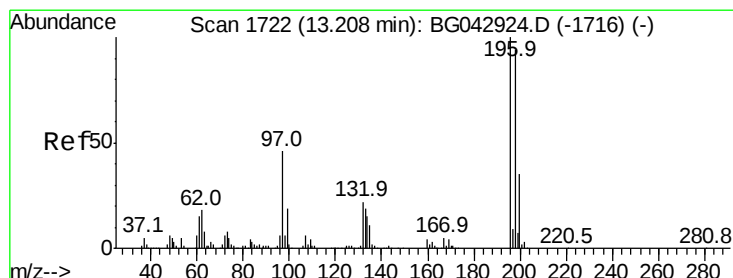
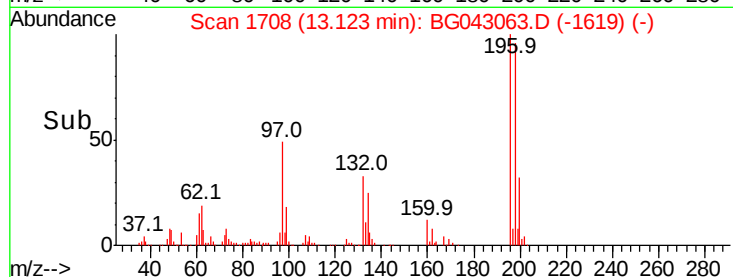
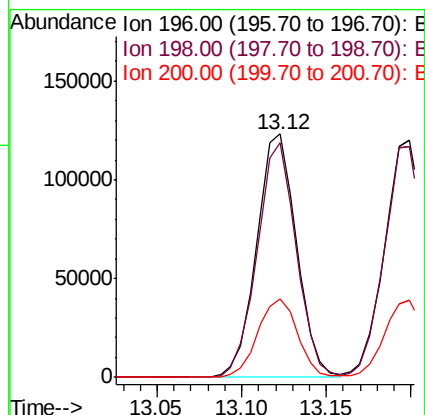
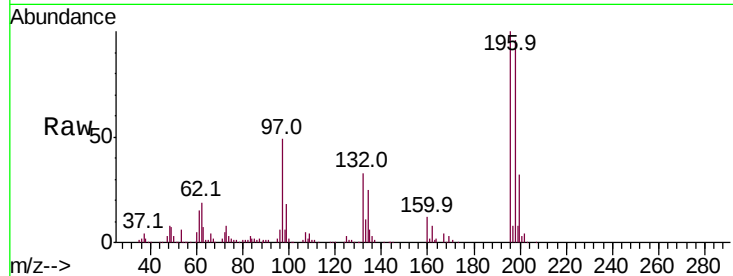




#43
 2,4,6-Trichlorophenol
 Concen: 41.123 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

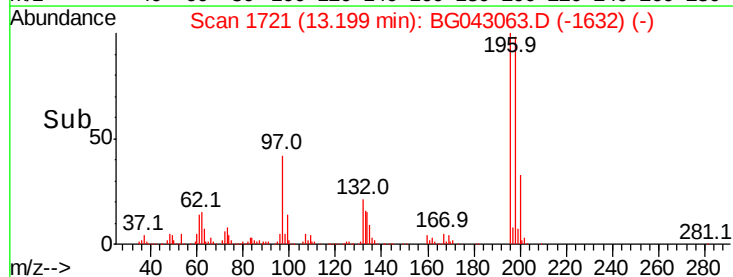
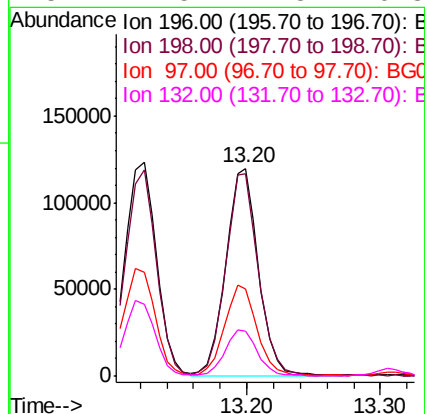
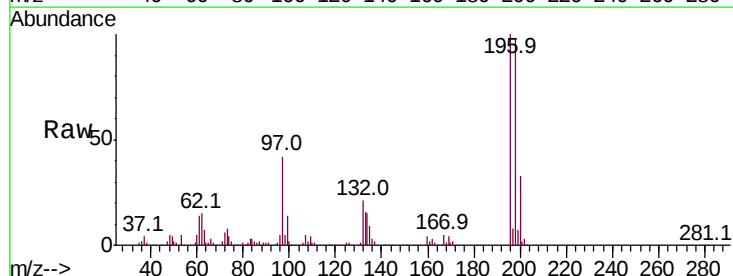
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040EC

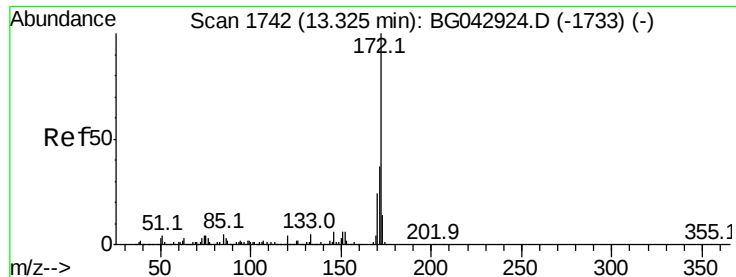
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.5	113.3
200	32.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.416 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.1	112.7
97	41.9	37.0	55.4
132	21.5	17.5	26.3

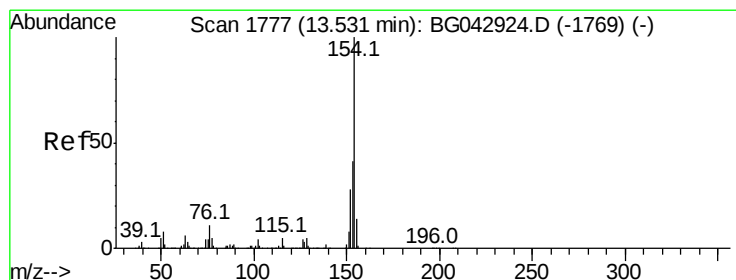
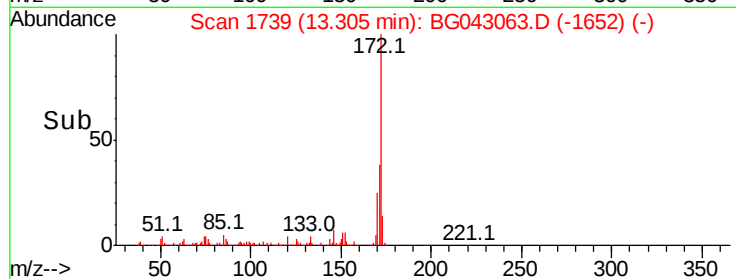
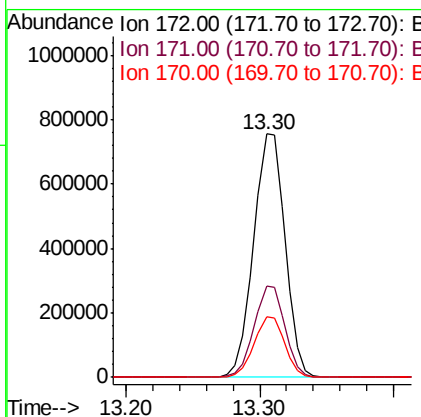
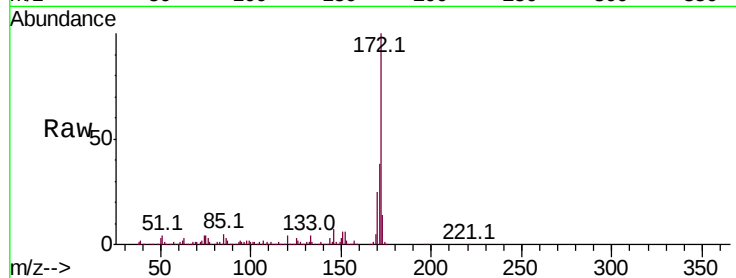




#45
2-Fluorobiphenyl
Concen: 80.304 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

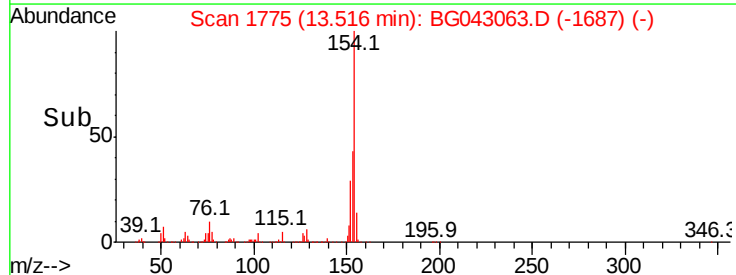
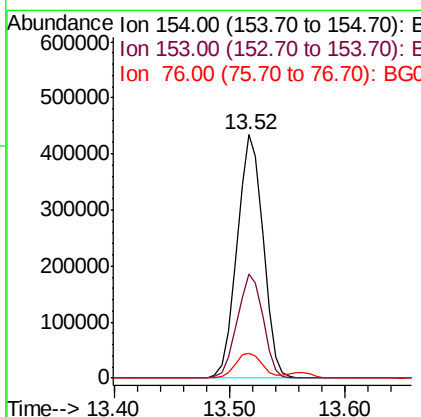
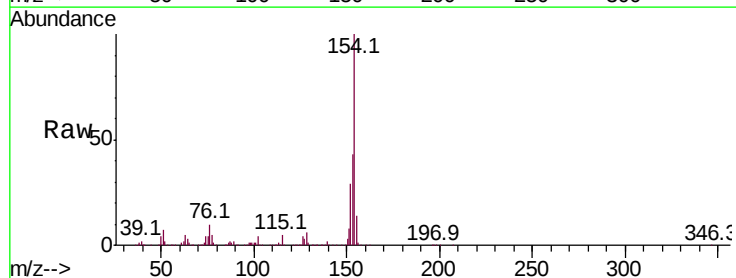
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

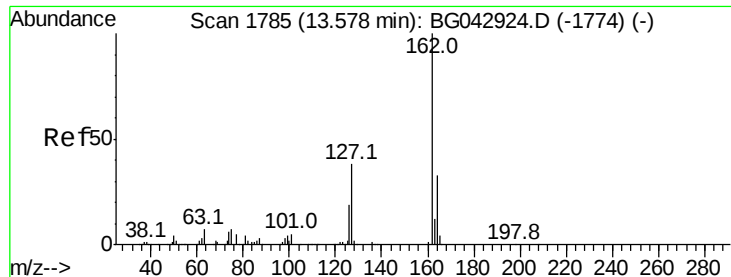
Tot Ion:172 Resp: 1229915
Ion Ratio Lower Upper
172 100
171 37.7 29.6 44.4
170 25.1 19.6 29.4



#46
1,1'-Biphenyl
Concen: 40.247 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion:154 Resp: 677657
Ion Ratio Lower Upper
154 100
153 42.8 21.4 61.4
76 10.2 0.0 31.3

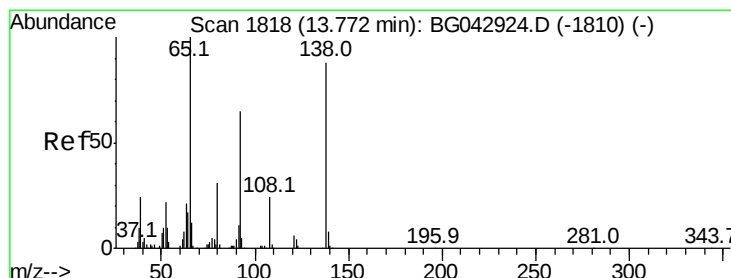
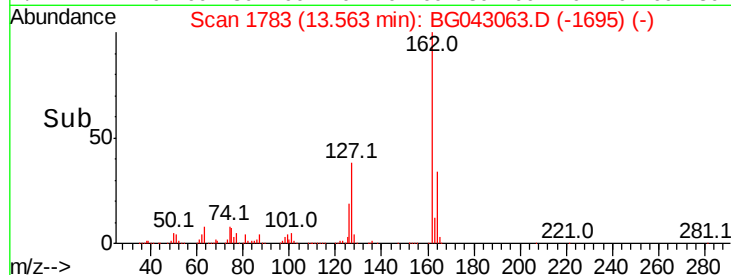
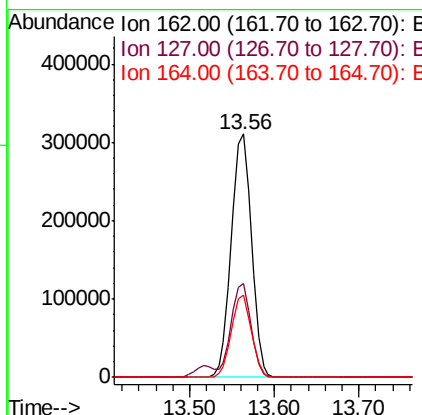
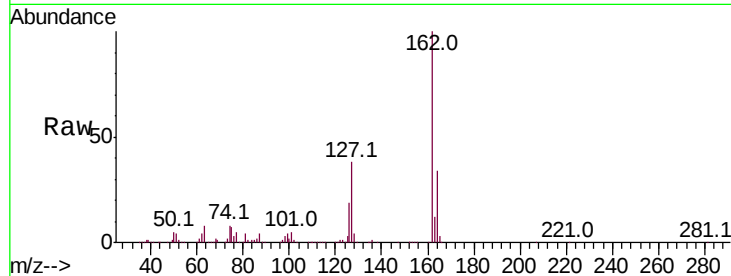




#47
 2-Chloronaphthalene
 Concen: 40.451 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

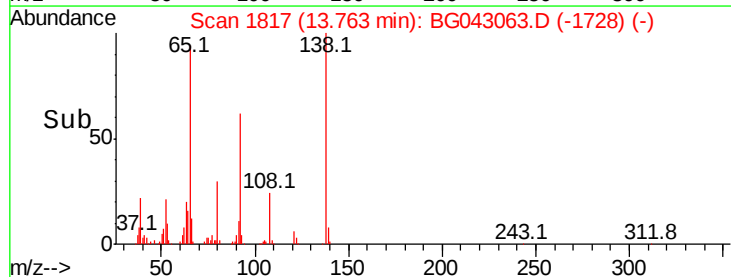
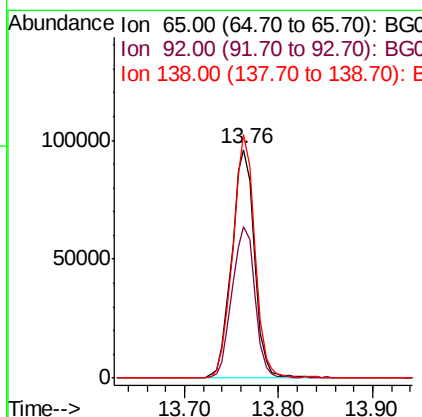
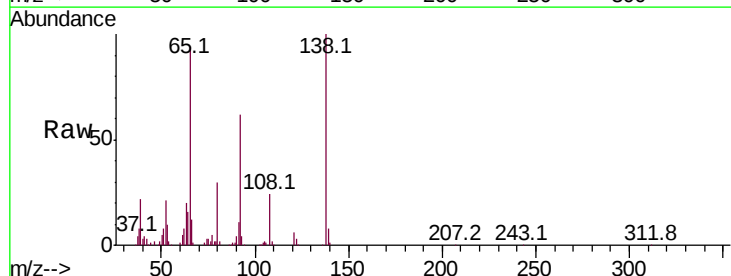
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

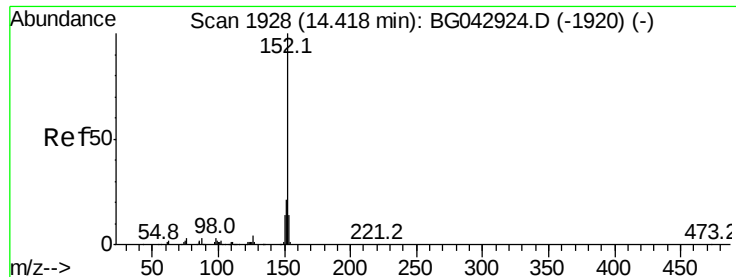
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	33.6	26.2	39.2



#48
 2-Nitroaniline
 Concen: 38.437 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	52.0	78.0
138	106.5	70.4	105.6





#49

Acenaphthylene

Concen: 39.426 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

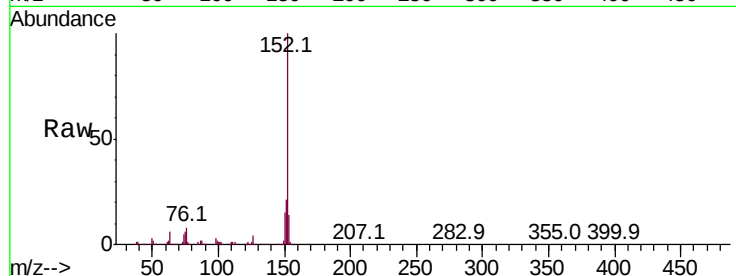
Tot Ion:152 Resp: 761568

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

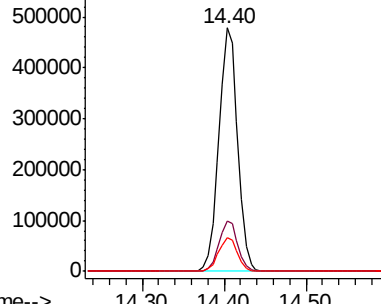
153 13.9 11.3 16.9



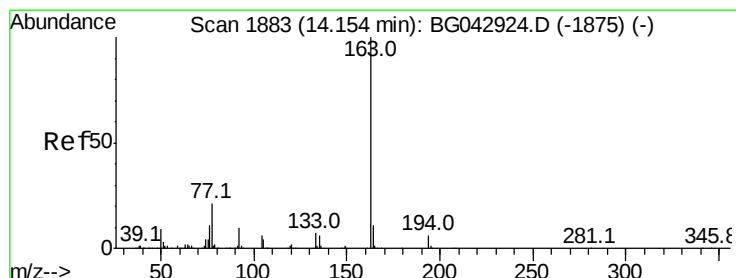
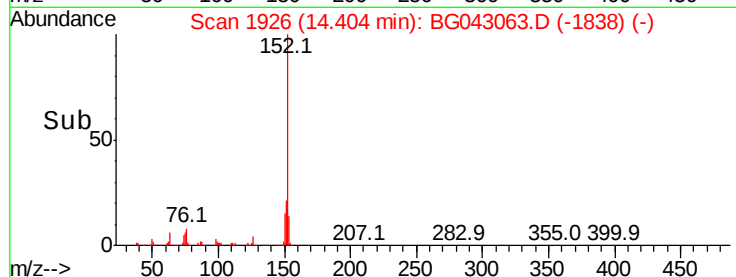
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 38.381 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

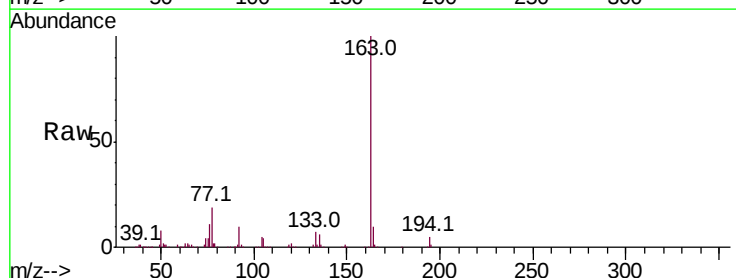
Tgt Ion:163 Resp: 638498

Ion Ratio Lower Upper

163 100

194 5.0 4.4 6.6

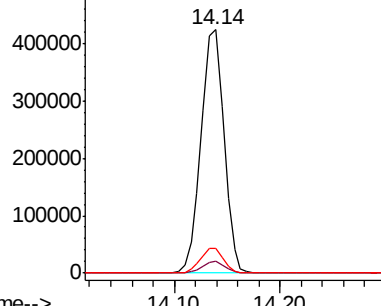
164 10.2 8.6 12.8



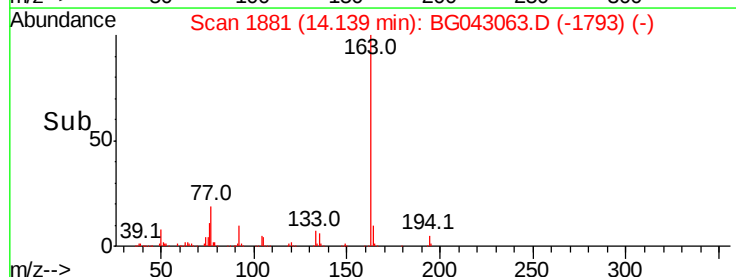
Abundance Ion 163.00 (162.70 to 163.70): E

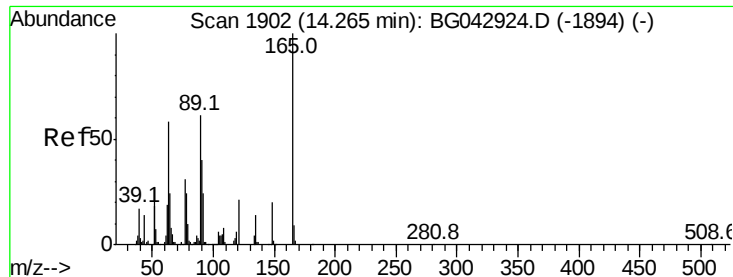
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

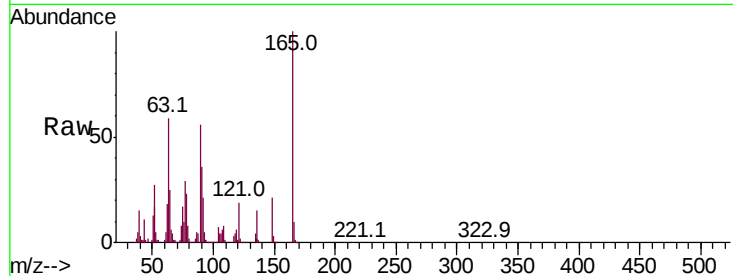




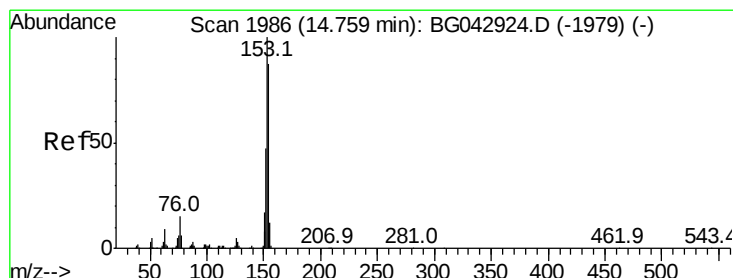
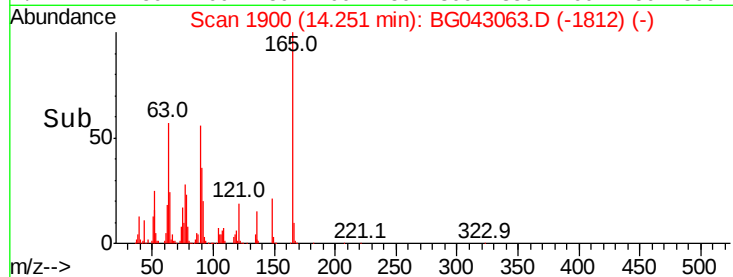
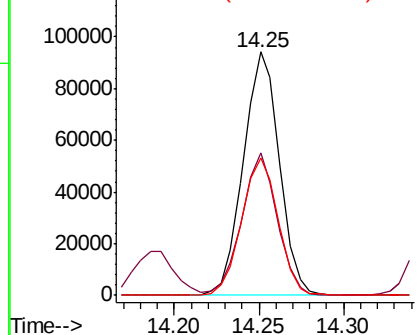
#51
2,6-Dinitrotoluene
Concen: 39.465 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 139814
Ion Ratio Lower Upper
165 100
63 58.7 50.3 75.5
89 56.5 48.9 73.3

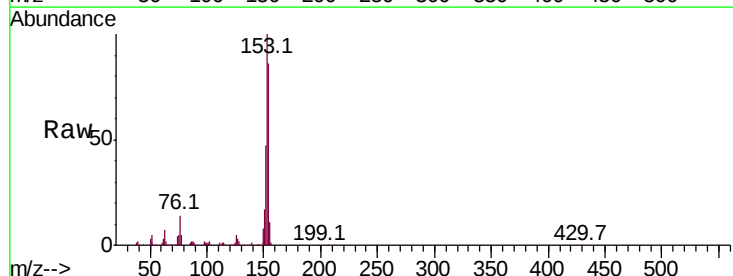


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

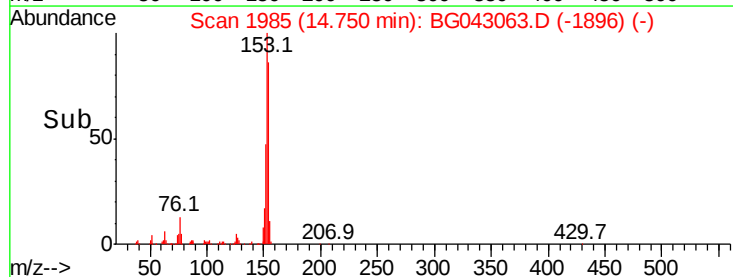
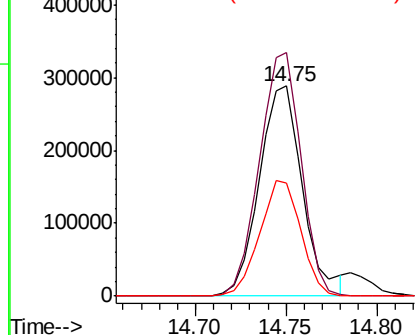


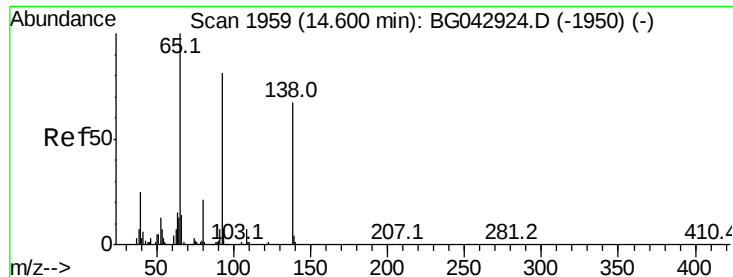
#52
Acenaphthene
Concen: 37.043 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion:154 Resp: 478954
Ion Ratio Lower Upper
154 100
153 115.9 91.4 137.0
152 53.9 42.8 64.2



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: 38.611 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

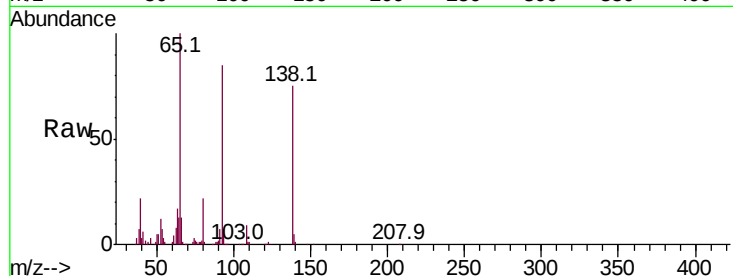
Tot Ion:138 Resp: 141363

Ion Ratio Lower Upper

138 100

108 11.7 7.9 11.9

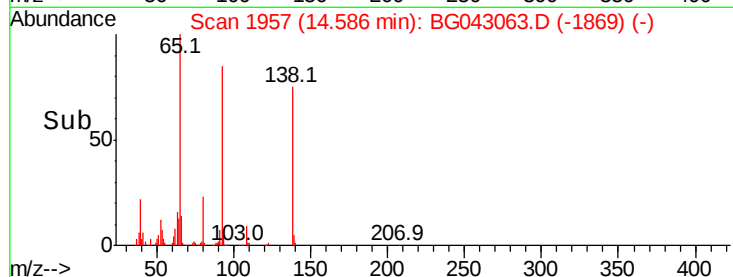
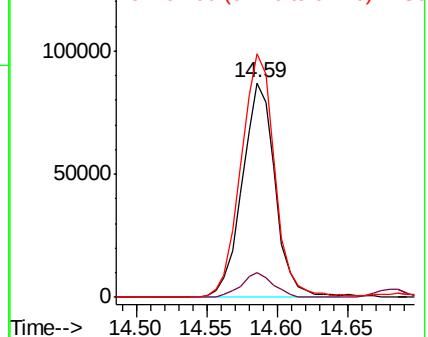
92 113.6 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 36.294 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

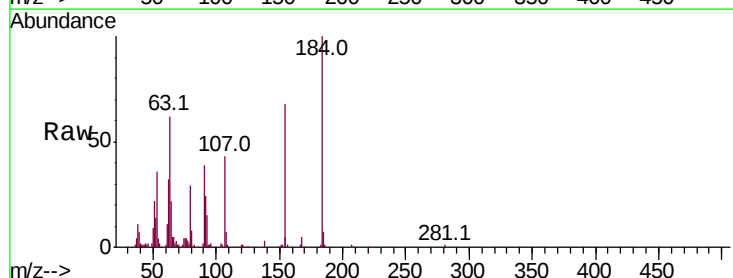
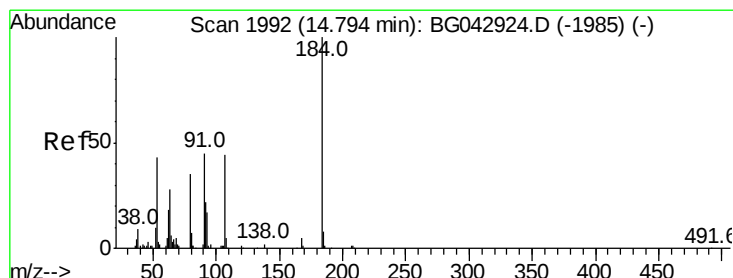
Tgt Ion:184 Resp: 79923

Ion Ratio Lower Upper

184 100

63 61.8 55.0 82.6

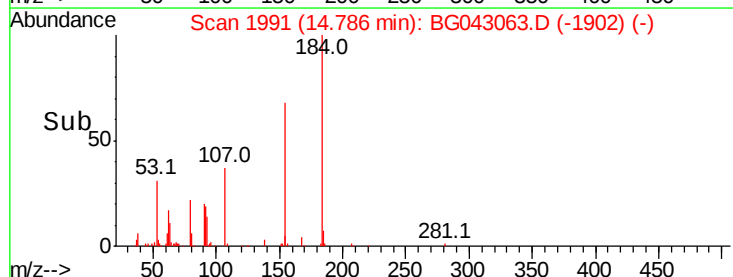
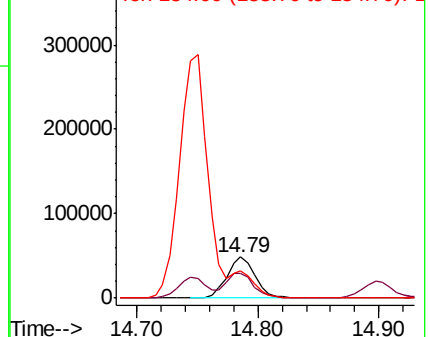
154 68.1 56.5 84.7

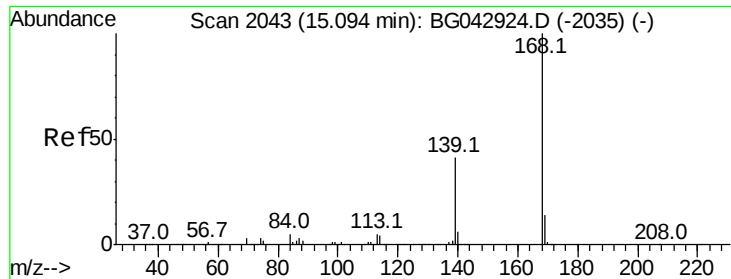


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

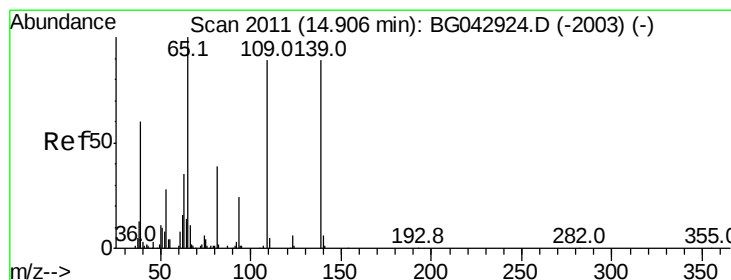
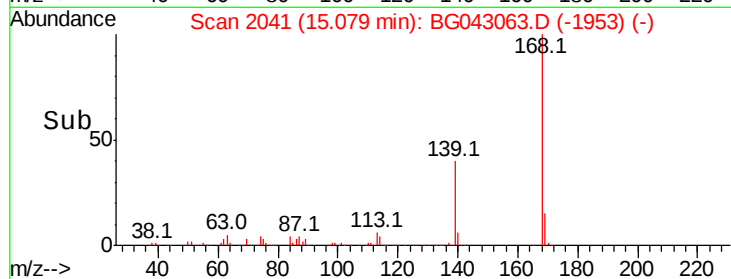
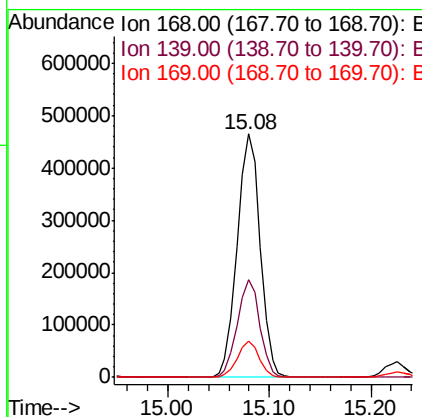
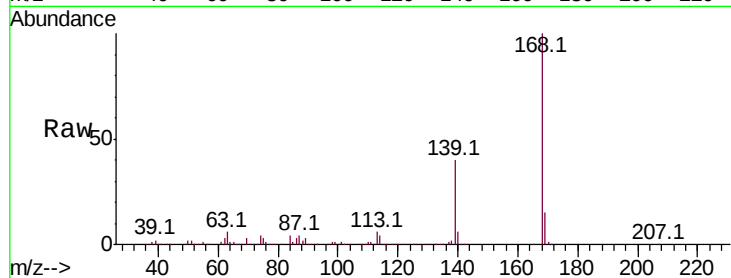




#55
Dibenzofuran
Concen: 38.301 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

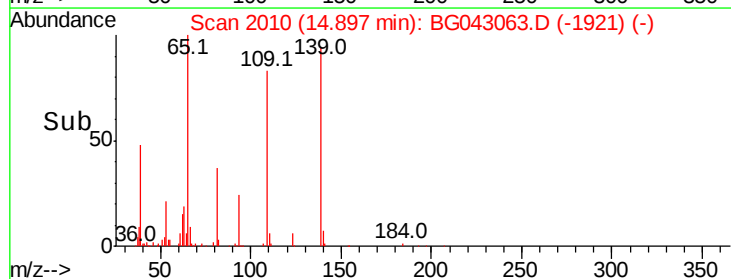
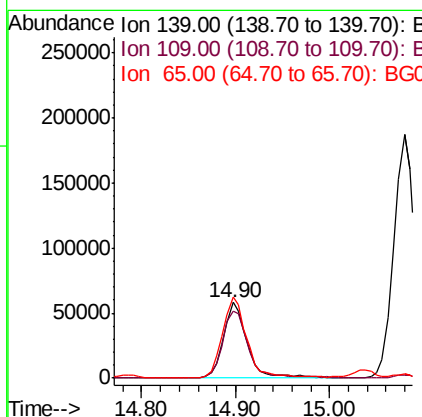
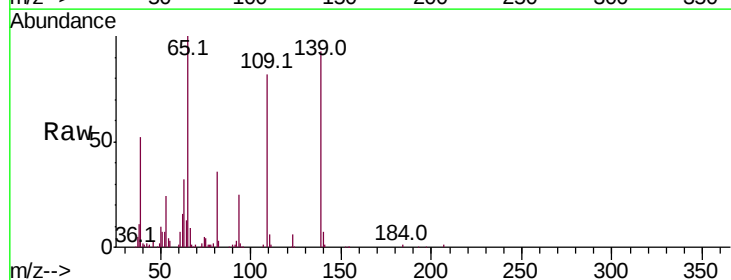
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

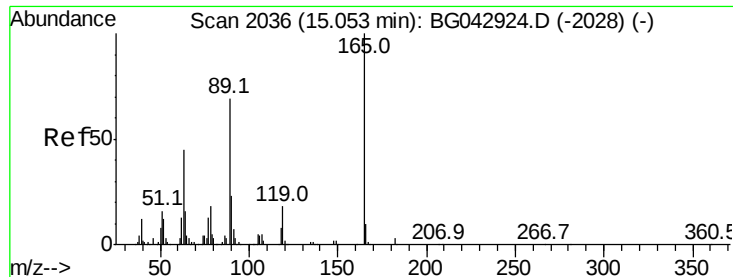
Tot Ion:168 Resp: 732570
Ion Ratio Lower Upper
168 100
139 40.3 32.6 48.8
169 14.7 11.2 16.8



#56
4-Nitrophenol
Concen: 36.960 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion:139 Resp: 103104
Ion Ratio Lower Upper
139 100
109 88.3 79.4 119.4
65 107.1 92.5 132.5

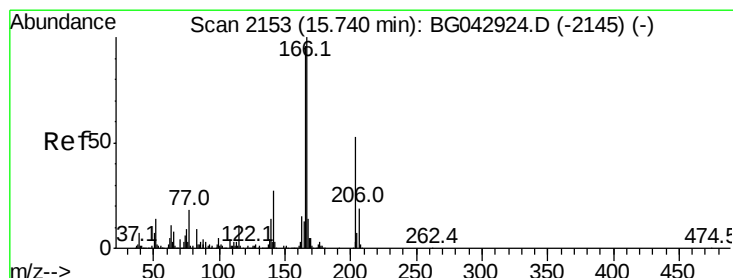
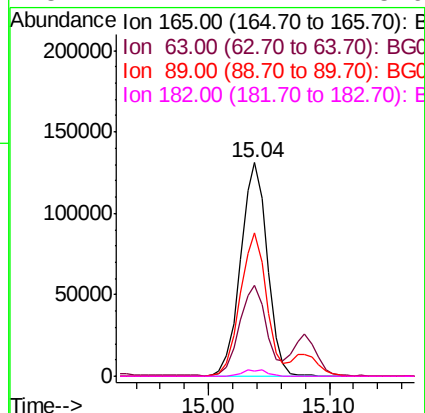
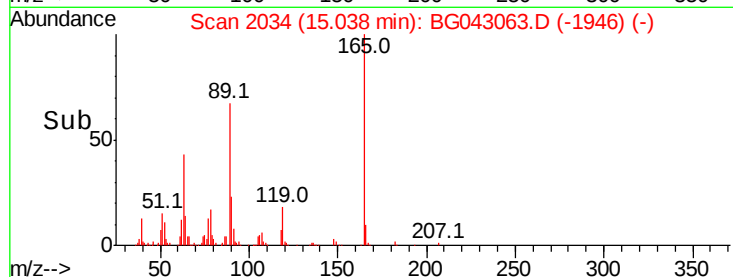
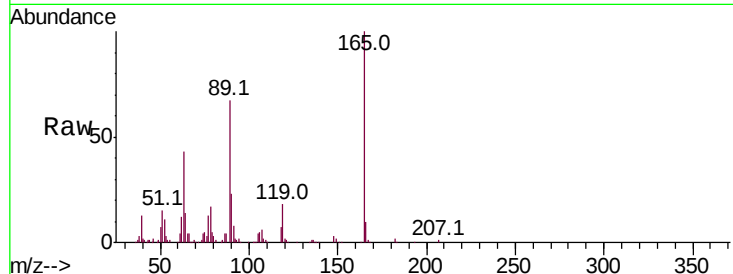




#57
 2,4-Dinitrotoluene
 Concen: 39.035 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

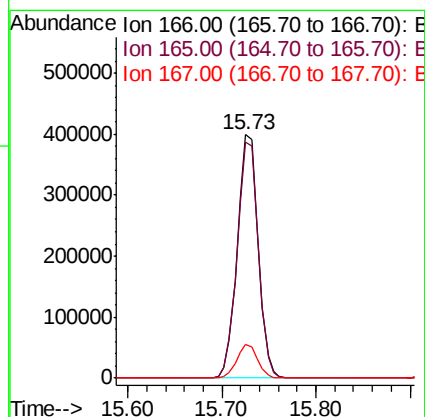
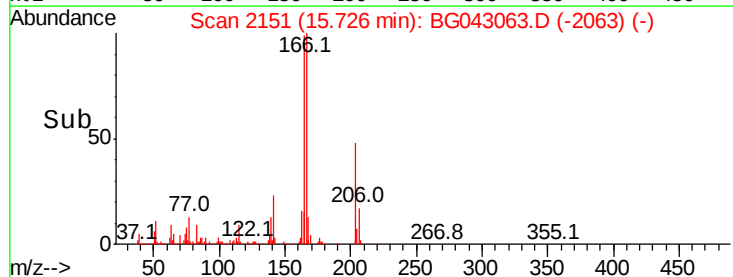
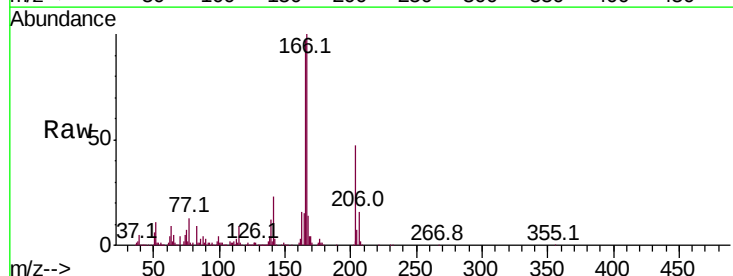
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

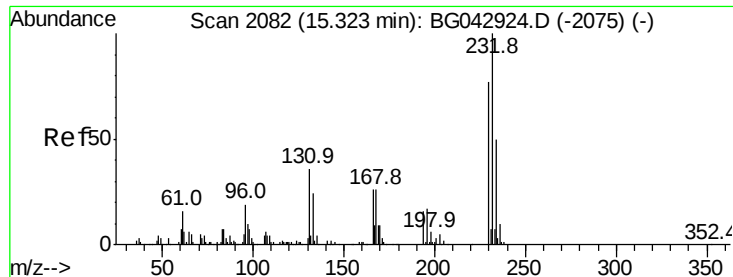
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	36.5	54.7
89	66.9	55.5	83.3
182	2.4	2.4	3.6



#58
 Fluorene
 Concen: 37.693 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.1	115.7
167	14.0	11.0	16.6

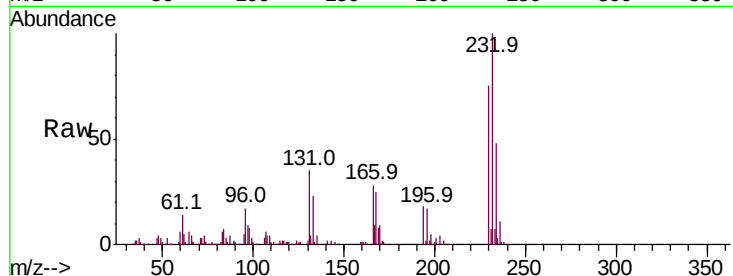




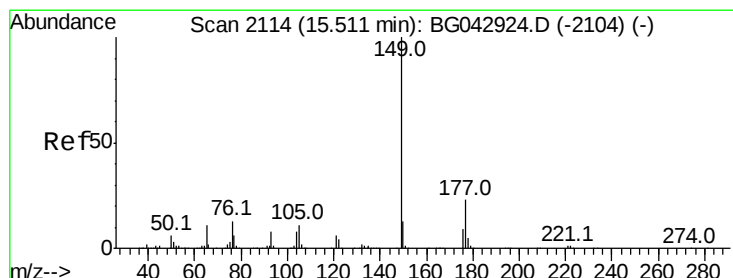
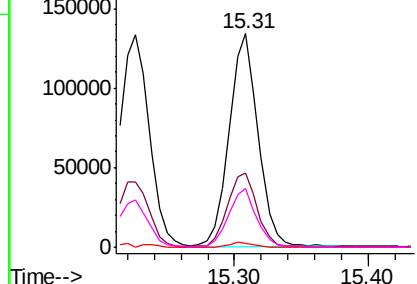
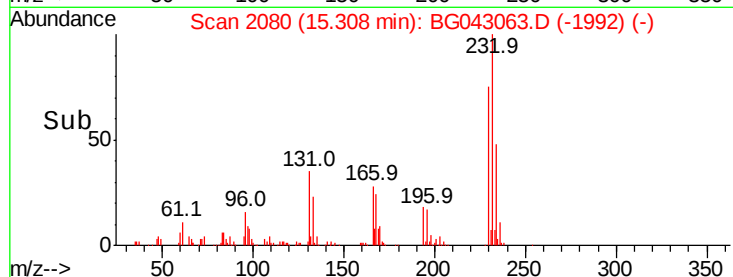
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.785 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	232	Resp:	202509
Ion	Ratio	Lower	Upper
232	100		
131	35.4	29.6	44.4
130	2.1	1.9	2.9
166	27.0	21.8	32.8

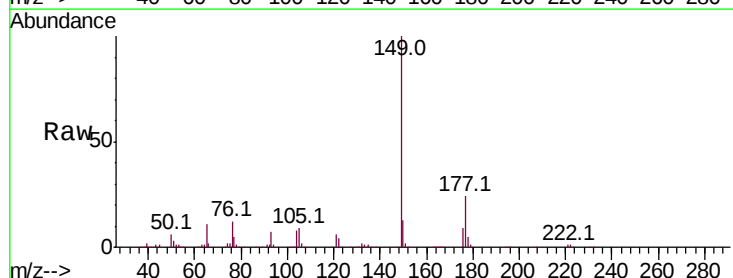


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

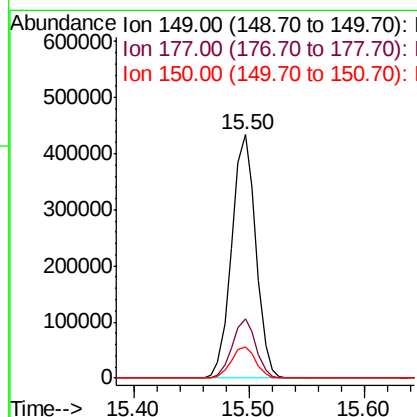
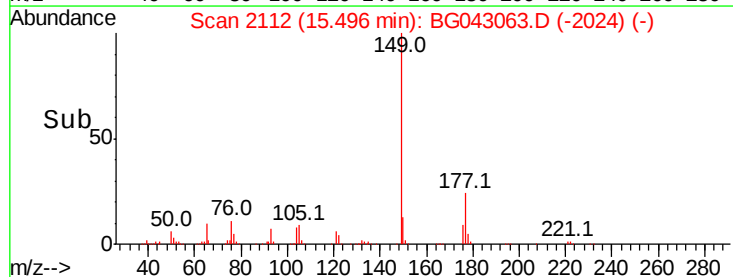


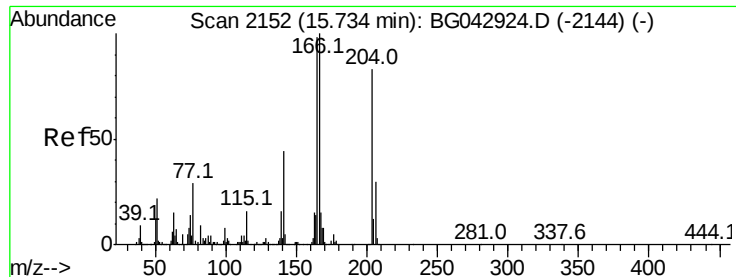
#60
 Diethylphthalate
 Concen: 36.951 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion:	149	Resp:	625600
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.8	28.2
150	12.7	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

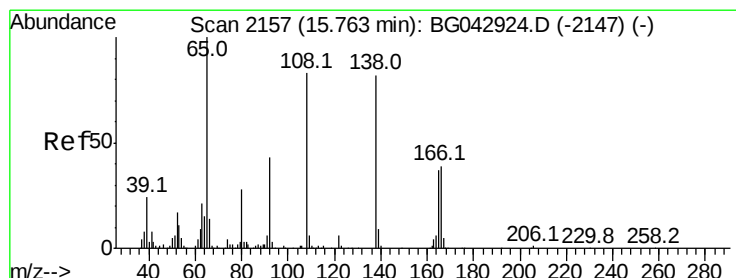
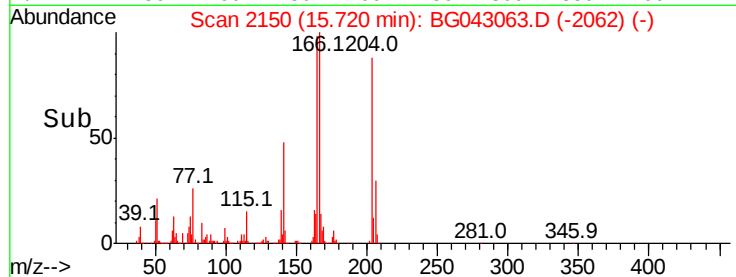
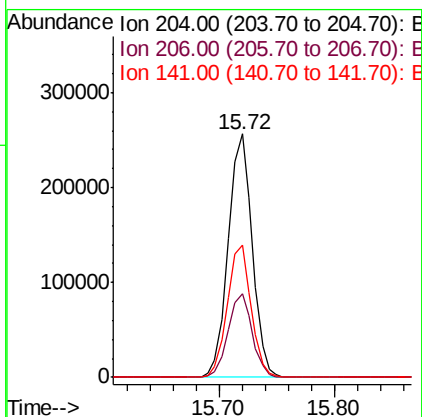
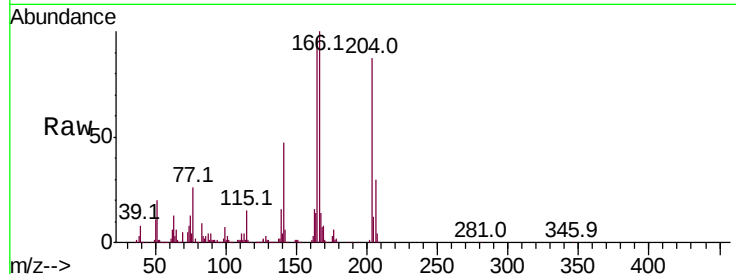




#61
4-Chlorophenyl-phenylether
Concen: 37.655 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

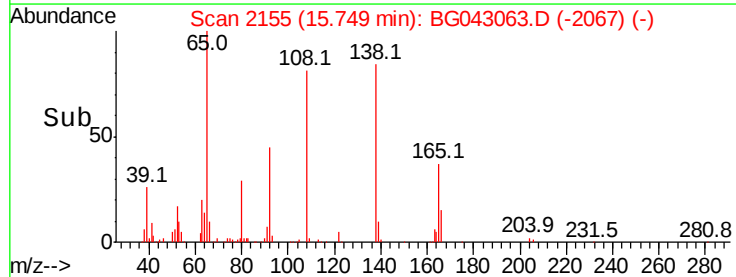
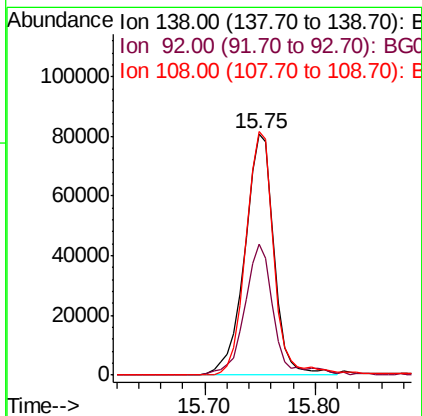
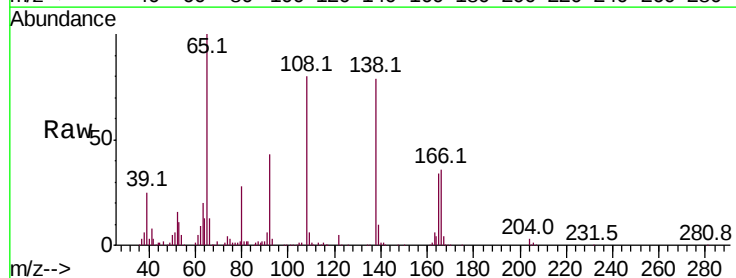
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

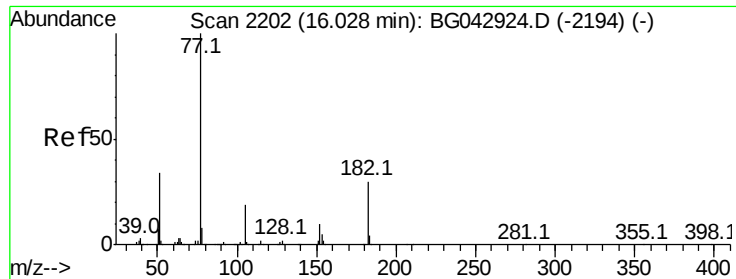
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	28.5	42.7
141	54.2	42.4	63.6



#62
4-Nitroaniline
Concen: 37.613 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.0	32.9	72.9
108	100.9	81.3	121.3

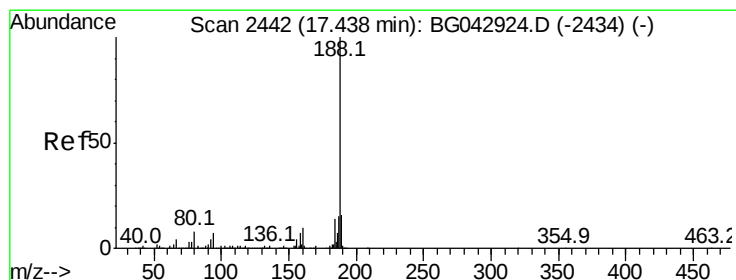
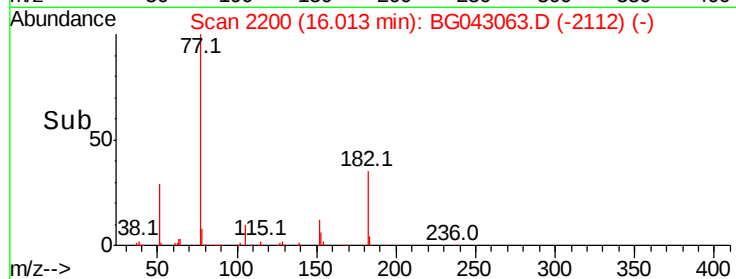
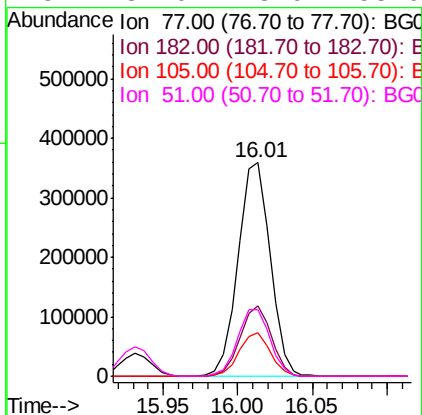
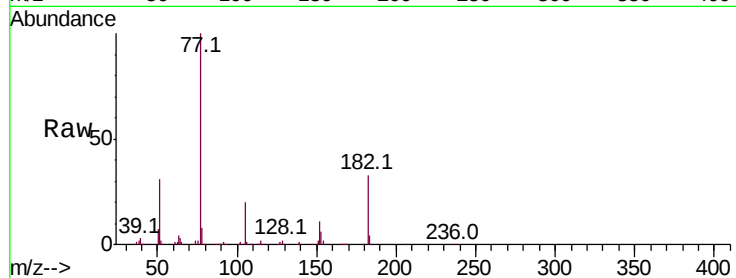




#63
Azobenzene
Concen: 34.739 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

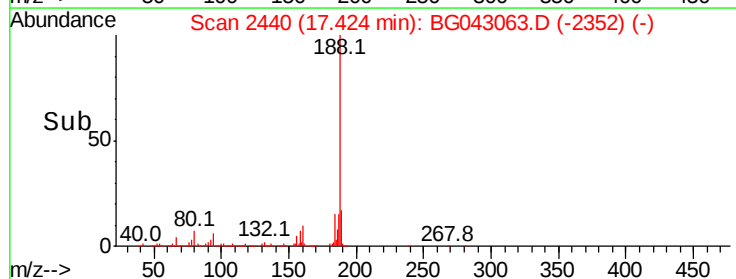
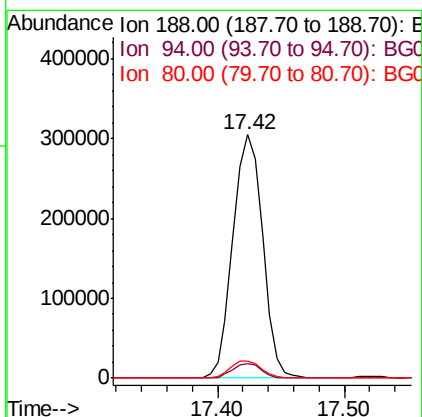
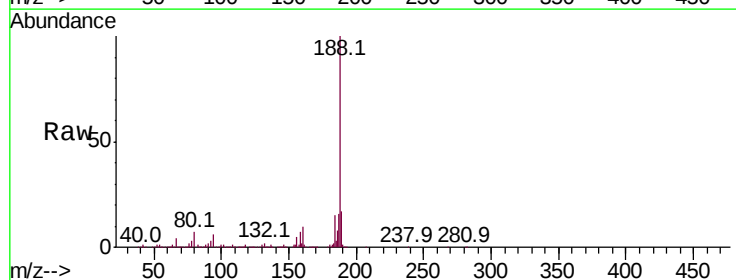
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

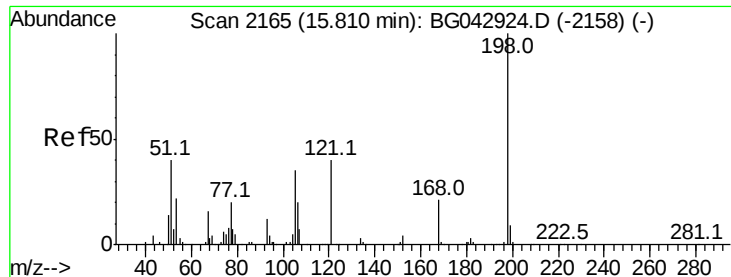
Tot Ion	Ratio	Lower	Upper
77	100		
182	33.1	10.2	50.2
105	20.3	0.0	39.1
51	31.0	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	7.0	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 40.257 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

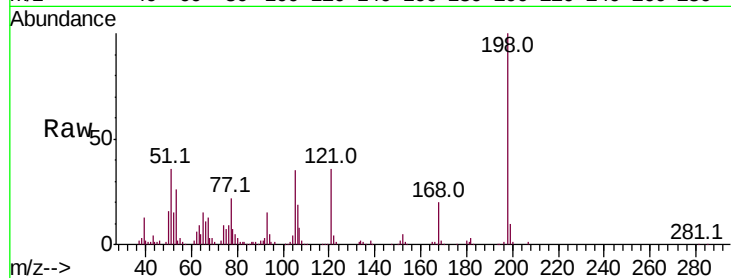
Tot Ion:198 Resp: 113143

Ion	Ratio	Lower	Upper
198	100		
51	36.4	25.3	65.3
105	34.8	16.6	56.6

198 100

51 36.4 25.3 65.3

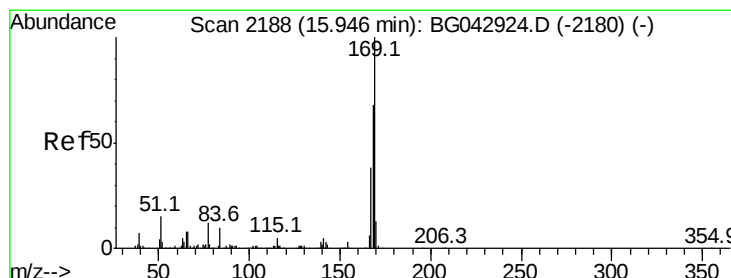
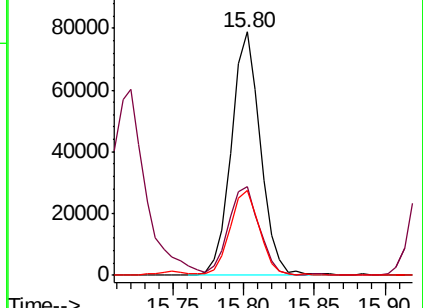
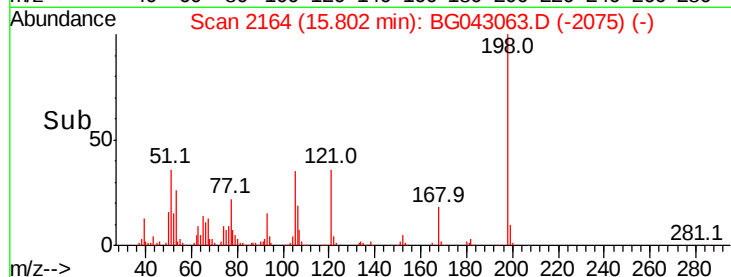
105 34.8 16.6 56.6



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: 41.411 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

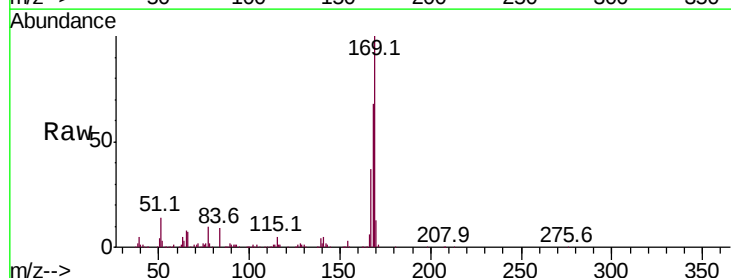
Tgt Ion:169 Resp: 542964

Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.8	82.2
167	37.3	30.6	46.0

169 100

168 68.0 54.8 82.2

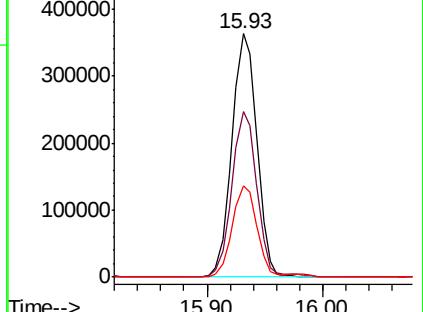
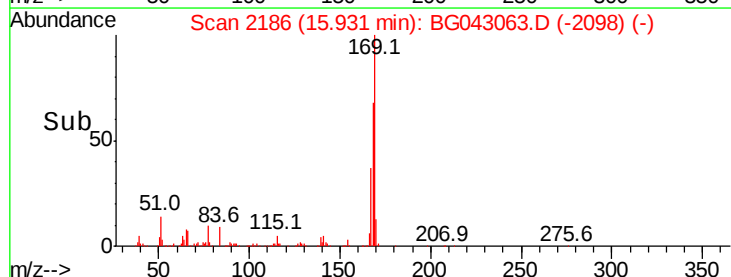
167 37.3 30.6 46.0

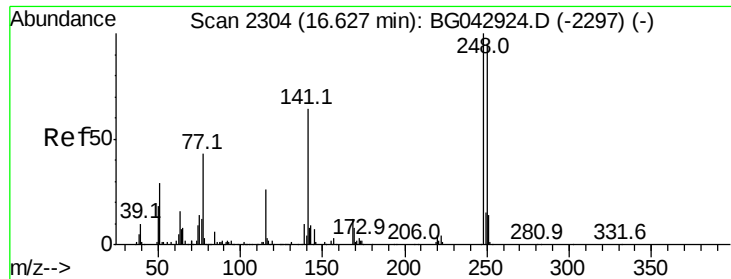


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

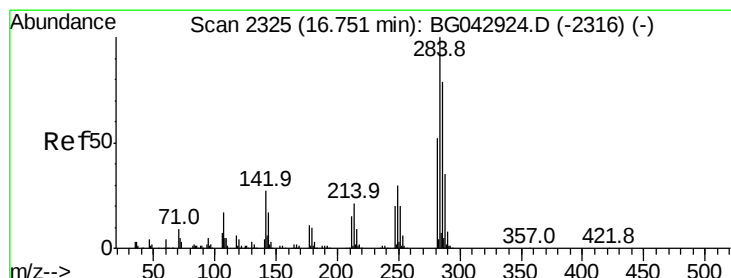
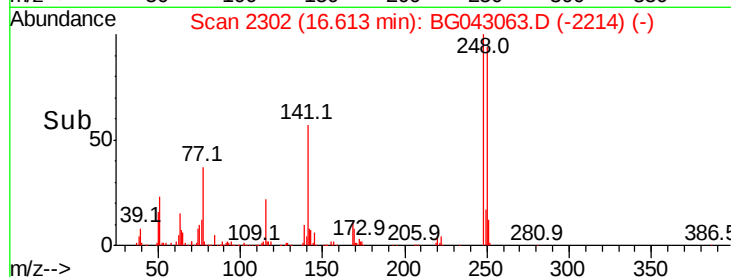
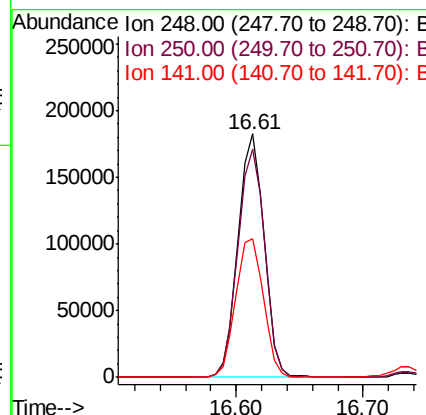
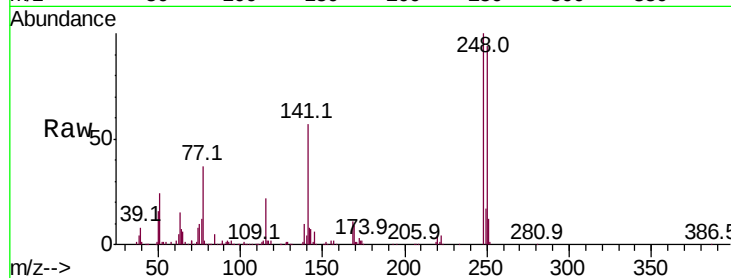




#67
 4-Bromophenyl-phenylether
 Concen: 41.499 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

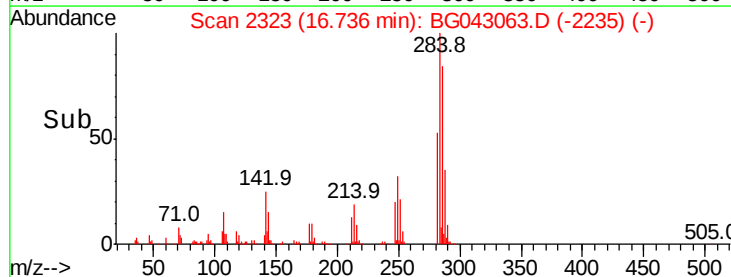
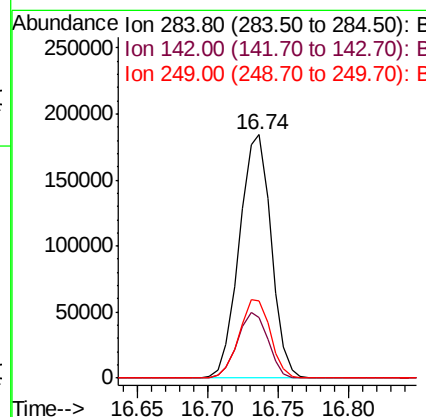
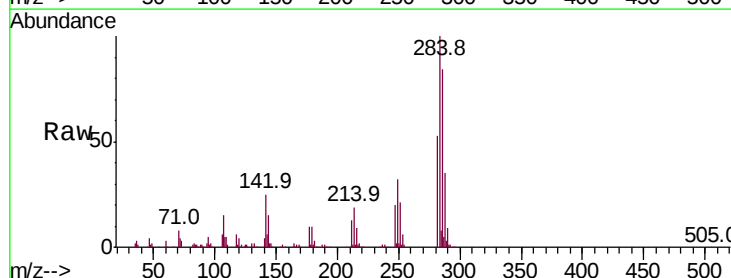
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

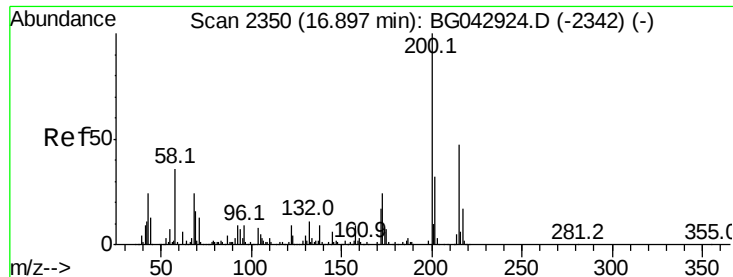
Tot Ion	Ratio	Lower	Upper
248	100		
250	93.9	75.8	113.8
141	57.0	51.1	76.7



#68
 Hexachlorobenzene
 Concen: 41.869 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	21.6	32.4
249	31.9	24.1	36.1

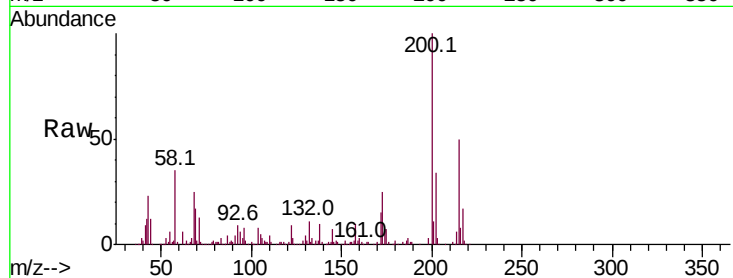




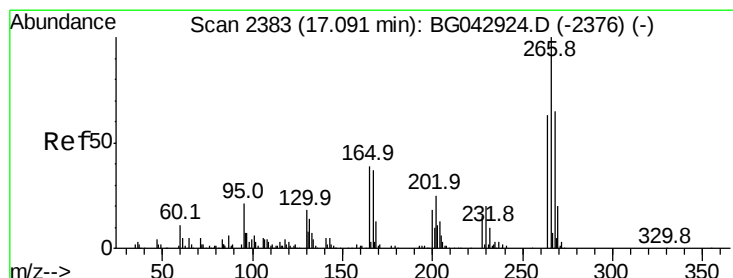
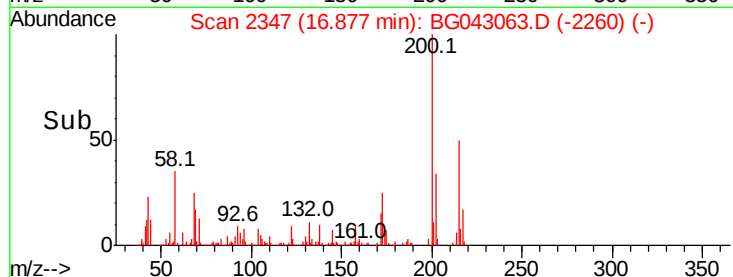
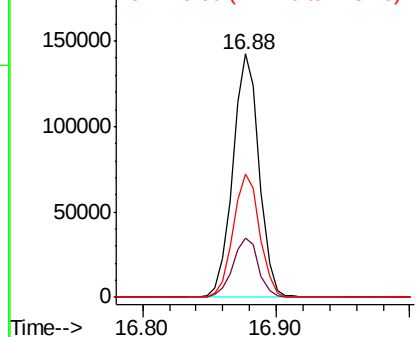
#69
 Atrazine
 Concen: 35.461 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.0	44.0
215	50.4	27.4	67.4

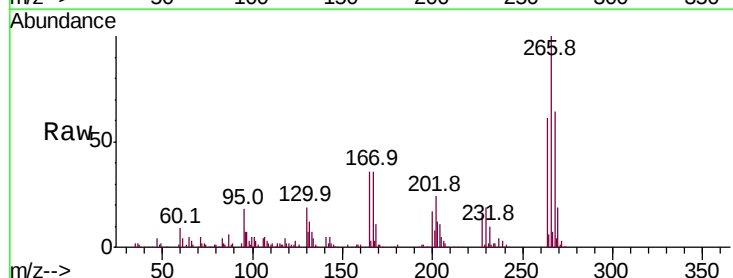


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

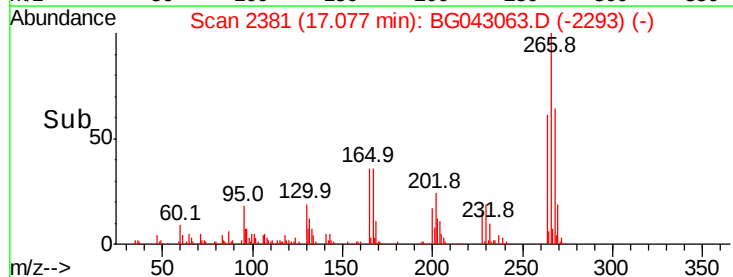
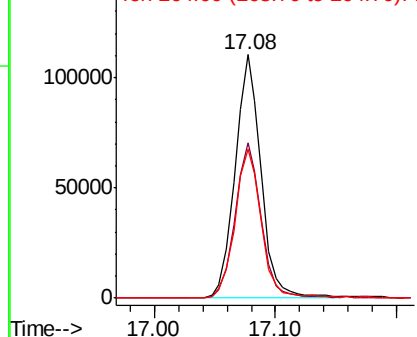


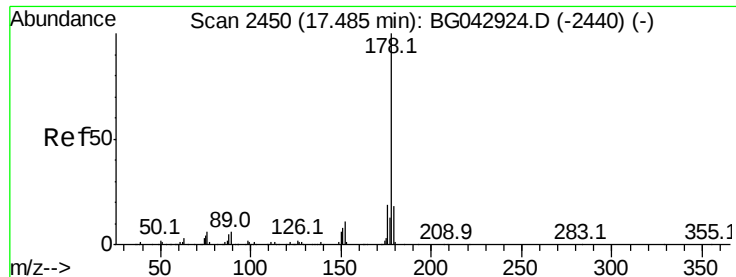
#70
 Pentachlorophenol
 Concen: 41.172 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.2	78.2
264	61.1	50.7	76.1



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

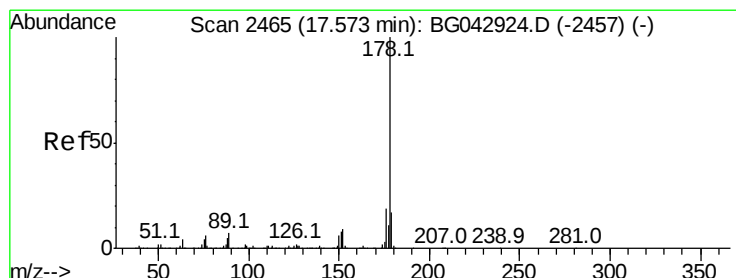
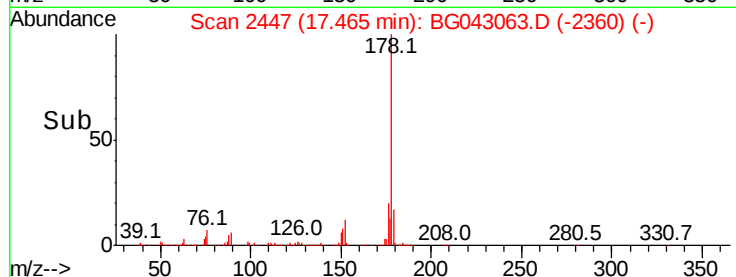
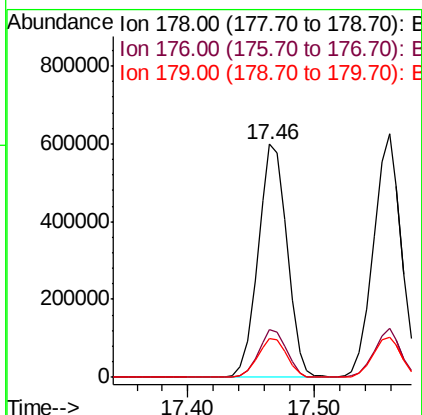
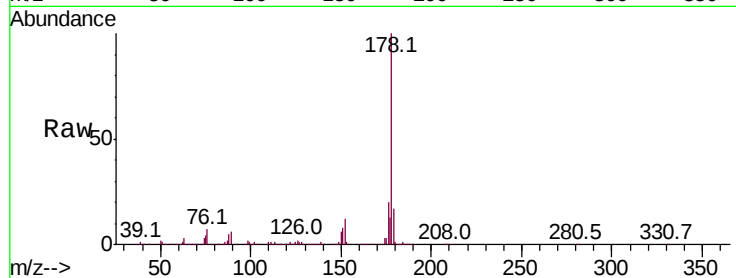




#71
 Phenanthrene
 Concen: 39.289 ng
 RT: 17.46 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

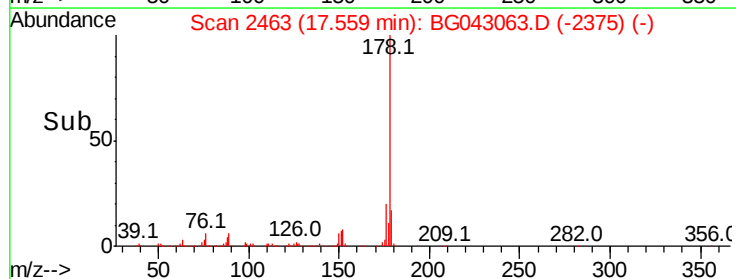
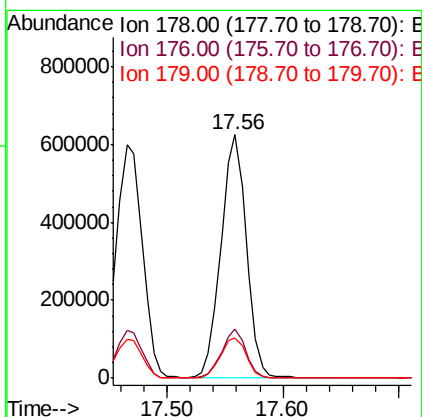
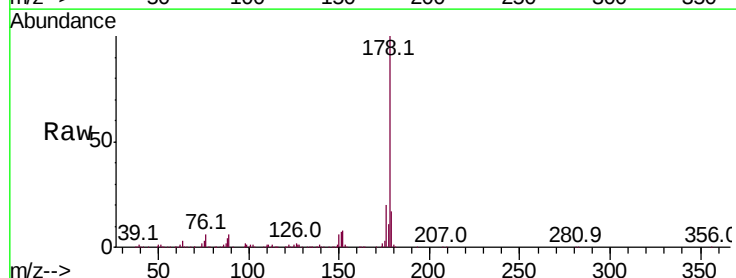
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

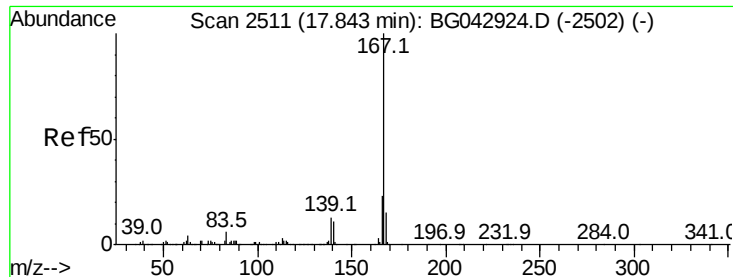
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	16.9	14.1	21.1



#72
 Anthracene
 Concen: 39.324 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BG043063.D
 Acq: 5 Oct 2019 19:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	16.7	13.5	20.3





#73

Carbazole

Concen: 39.275 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

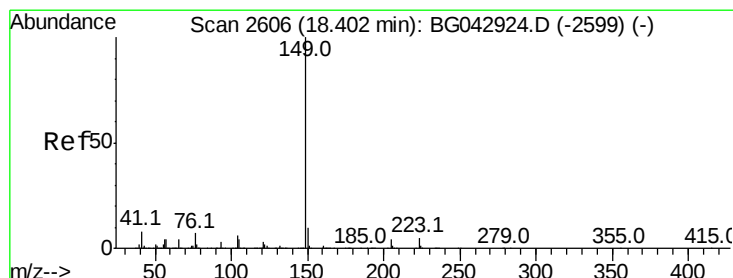
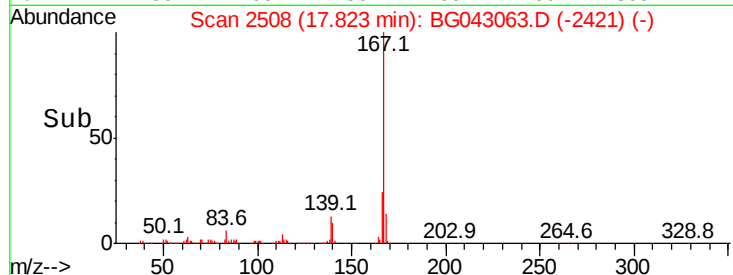
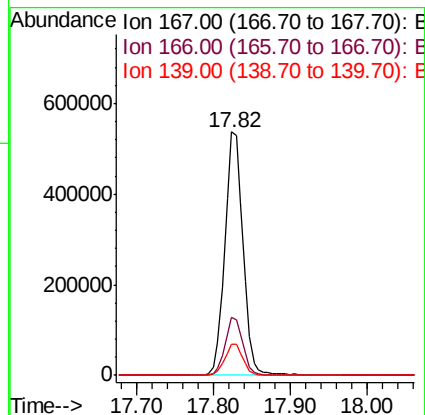
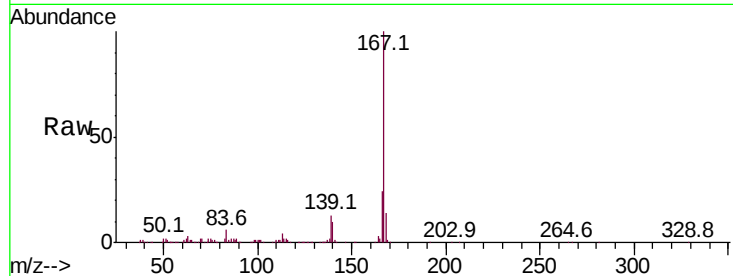
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:	167	Resp:	881627
Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.6	28.0
139	12.9	10.8	16.2



#74

Di-n-butylphthalate

Concen: 38.694 ng

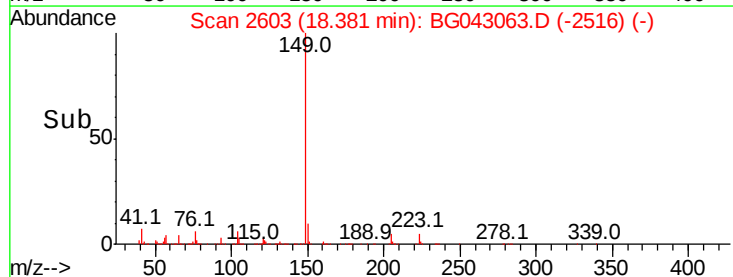
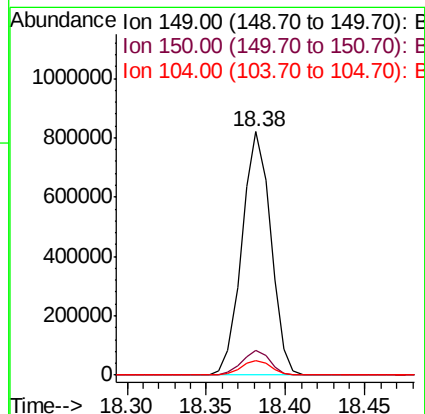
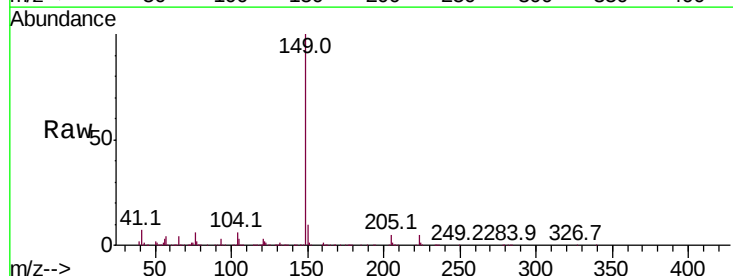
RT: 18.38 min Scan# 2603

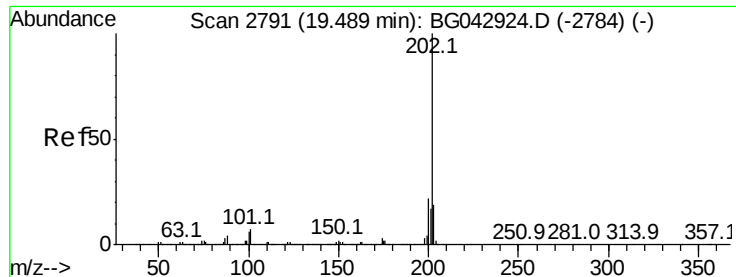
Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Tgt Ion:	149	Resp:	1036334
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.1	5.0	7.6





#75

Fluoranthene

Concen: 38.089 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

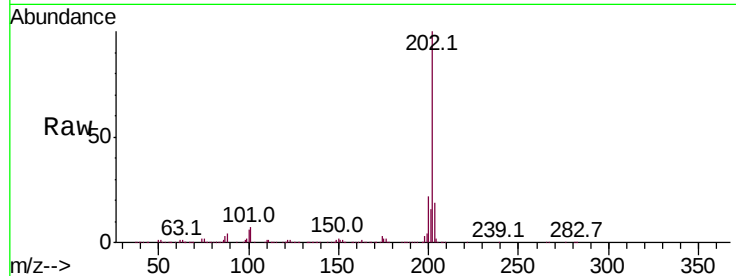
Tot Ion:202 Resp: 1221585

Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.3

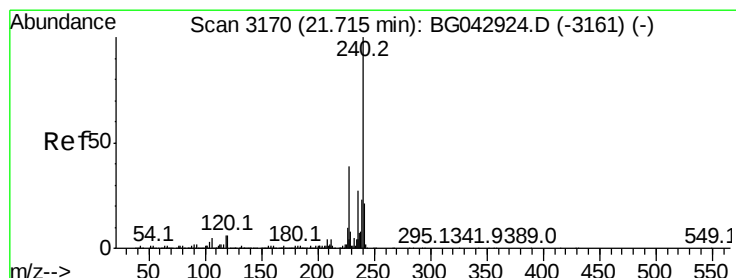
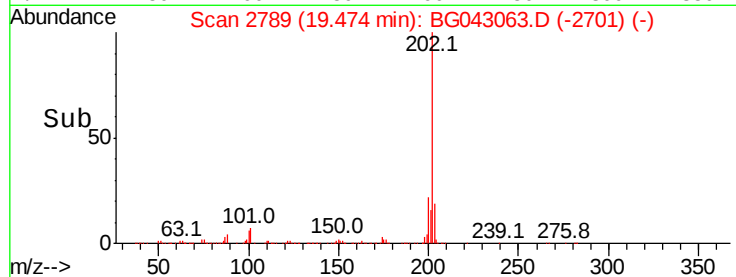
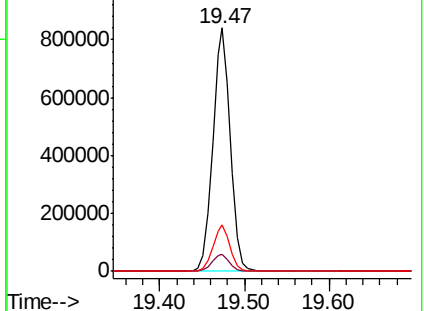
203 19.0 0.0 39.5



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

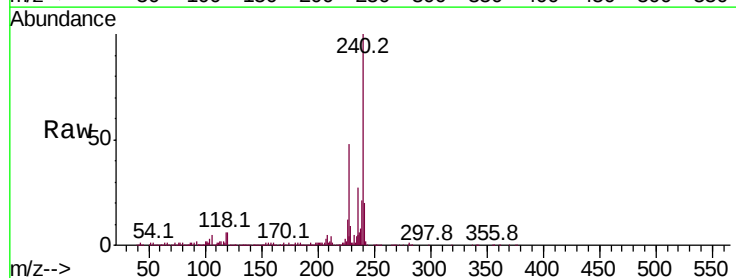
Tgt Ion:240 Resp: 523400

Ion Ratio Lower Upper

240 100

120 6.5 4.8 7.2

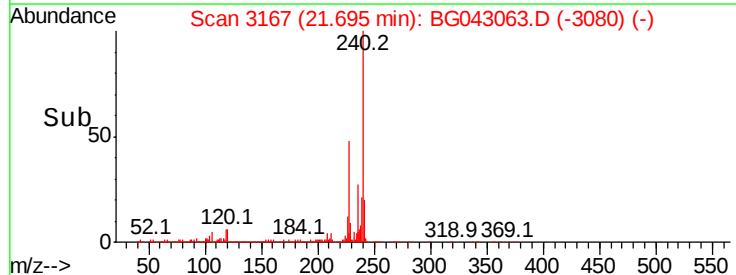
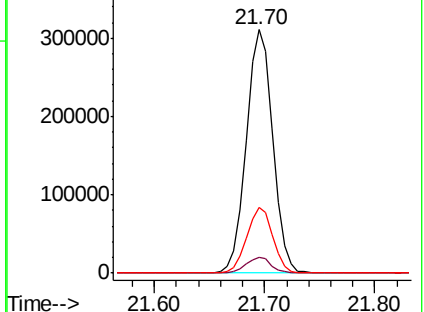
236 27.0 21.4 32.0

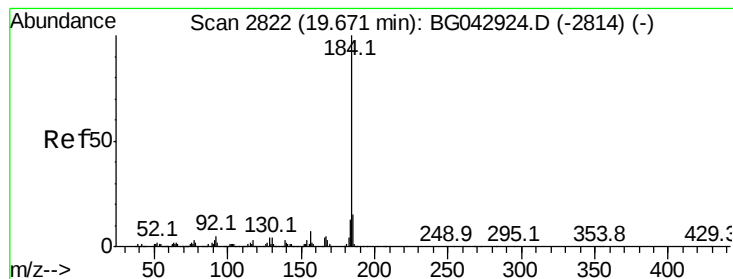


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.504 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

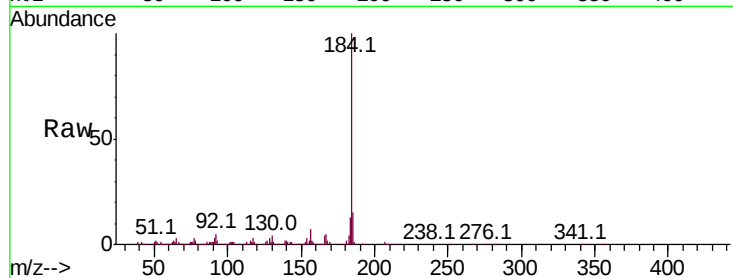
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 425983

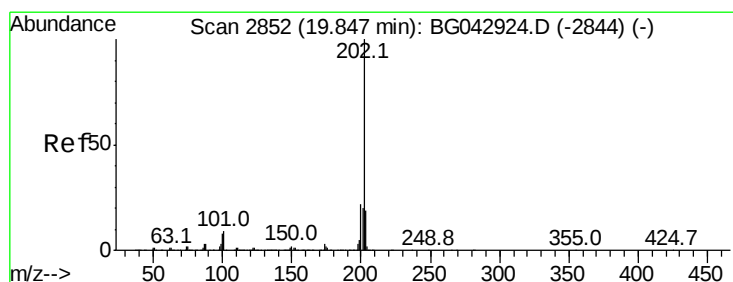
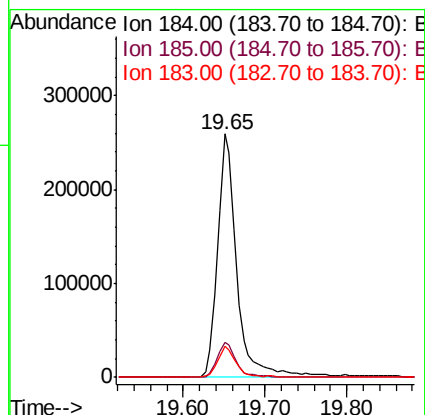
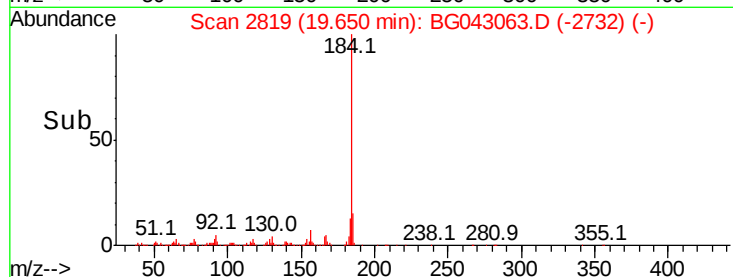
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	12.9	10.1	15.1



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: 39.483 ng

RT: 19.83 min Scan# 2850

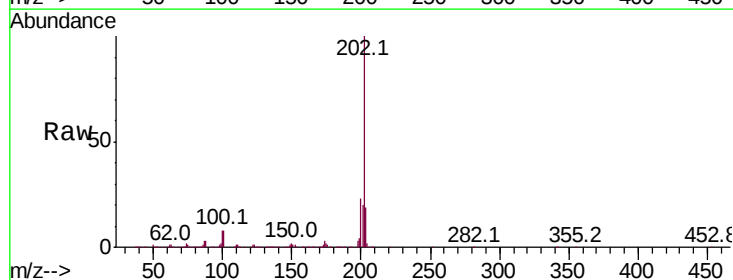
Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Tgt Ion:202 Resp: 1233450

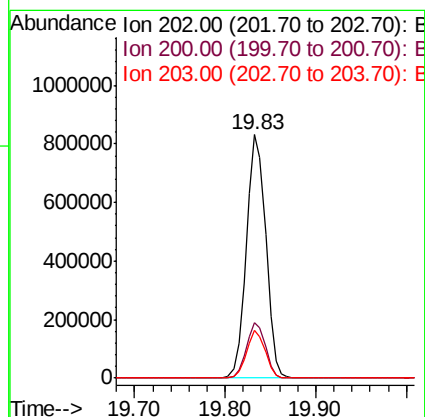
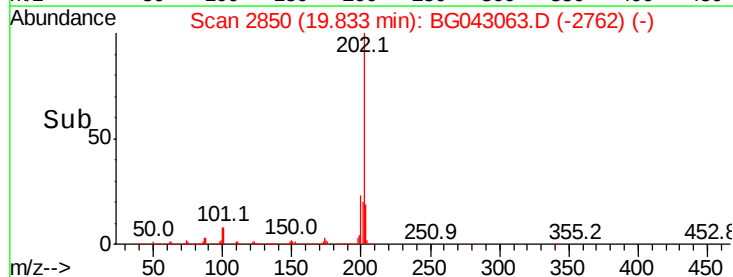
Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.6	26.4
203	19.5	15.2	22.8

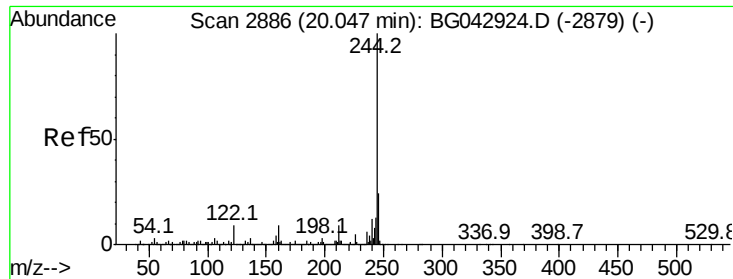


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.951 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

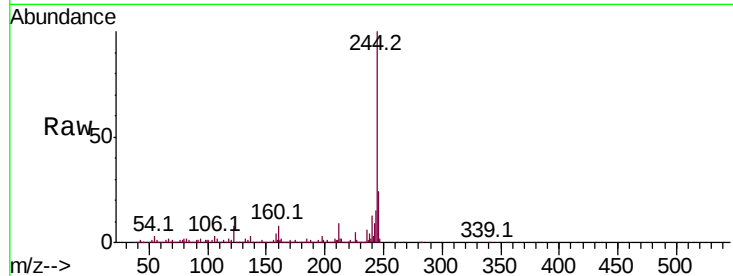
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 2012922

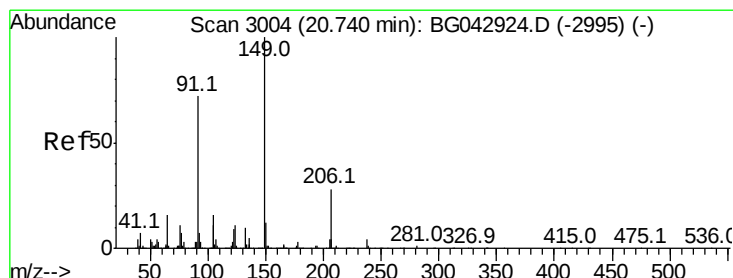
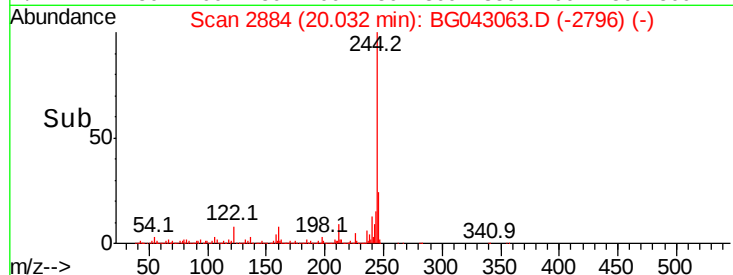
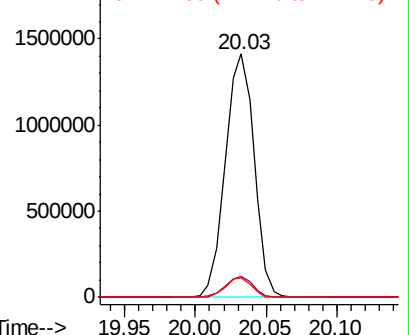
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	8.0	7.0	10.4



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: 41.157 ng

RT: 20.72 min Scan# 3001

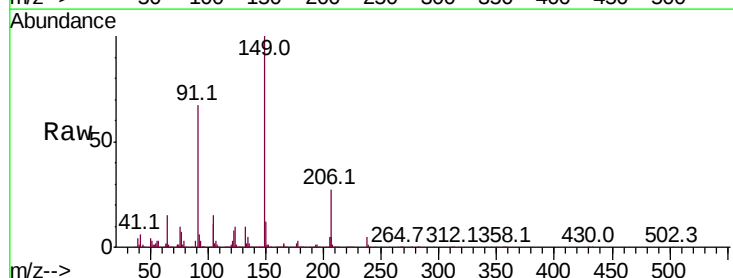
Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Tgt Ion:149 Resp: 488037

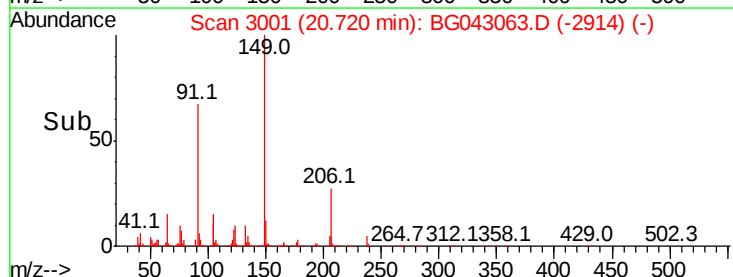
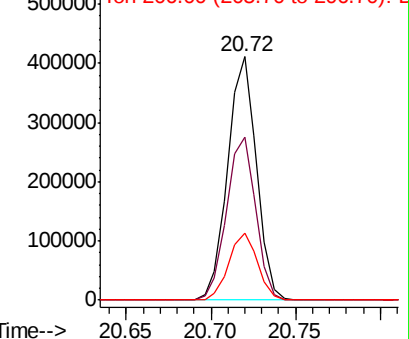
Ion	Ratio	Lower	Upper
149	100		
91	67.2	57.7	86.5
206	27.5	22.6	33.8

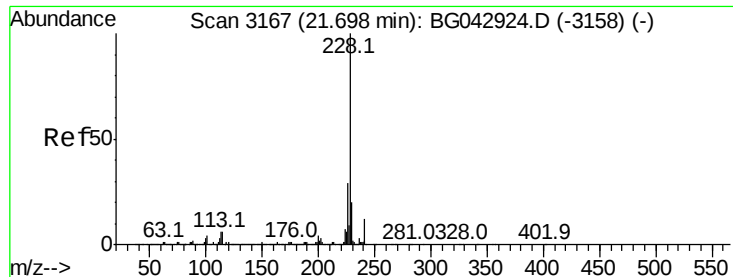


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.982 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

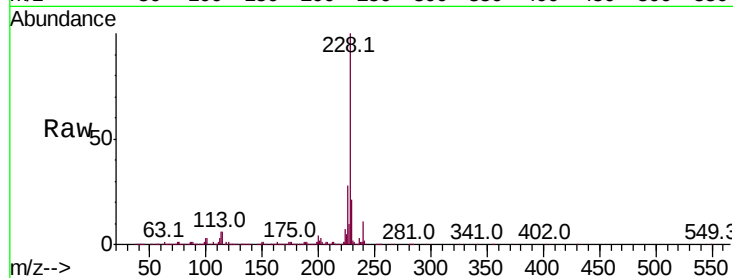
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1303932

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.8	16.3	24.5

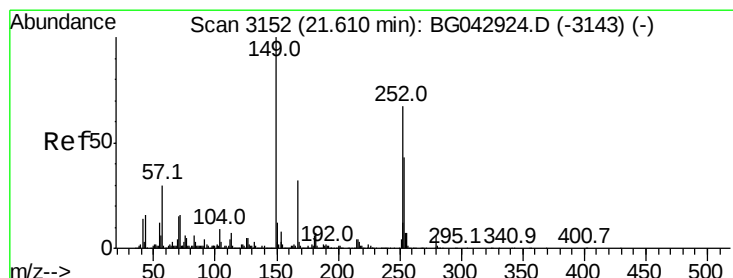
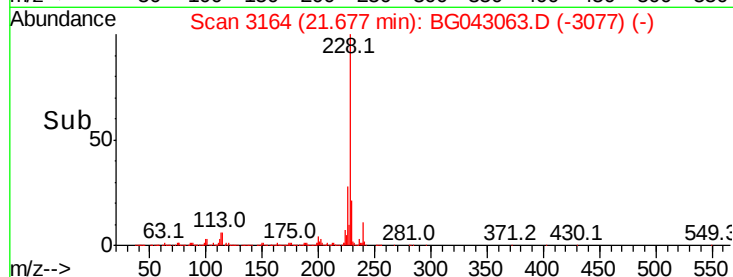
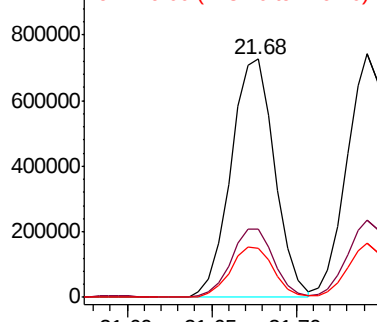


Abundance

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: 41.922 ng

RT: 21.59 min Scan# 3149

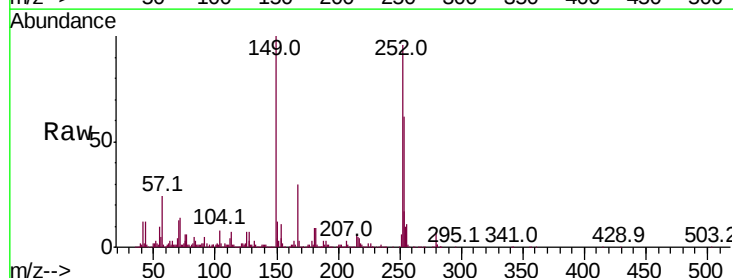
Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Tgt Ion:252 Resp: 536223

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	7.3	6.1	9.1

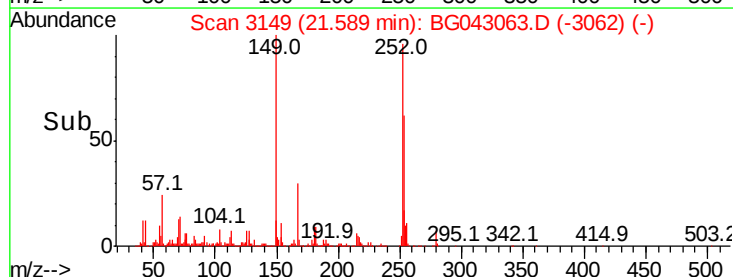
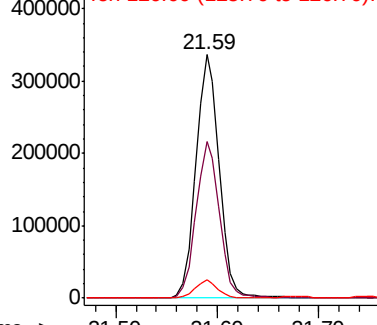


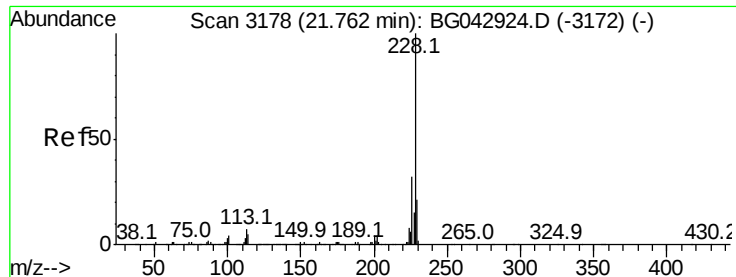
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.546 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

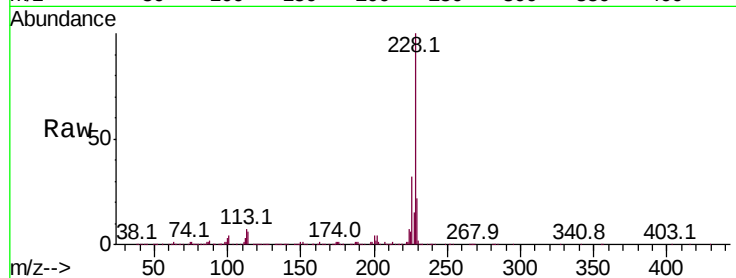
Tot Ion:228 Resp: 1251572

Ion Ratio Lower Upper

228 100

226 31.8 25.6 38.4

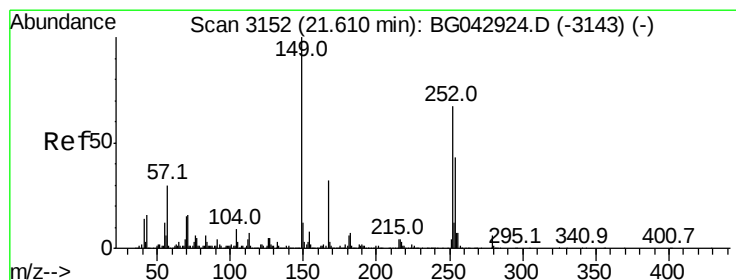
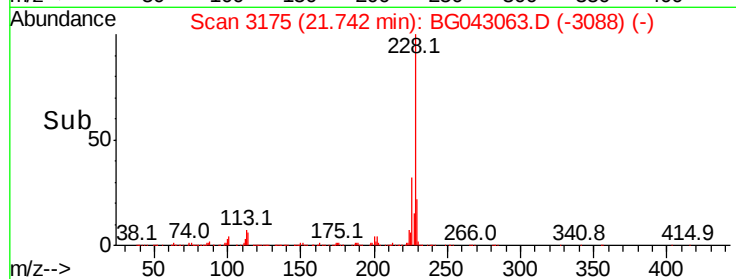
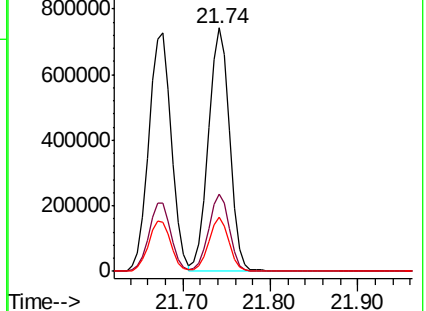
229 22.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.174 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.03 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

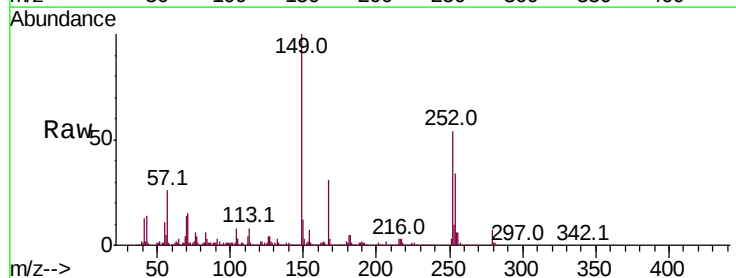
Tgt Ion:149 Resp: 694730

Ion Ratio Lower Upper

149 100

167 30.7 25.4 38.2

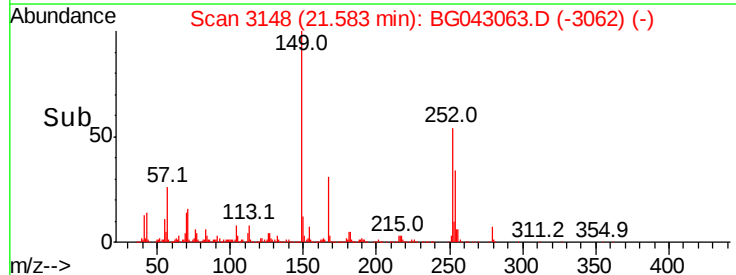
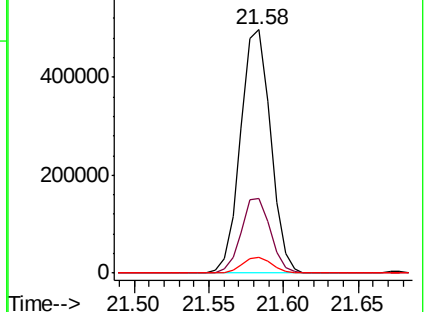
279 6.7 5.1 7.7

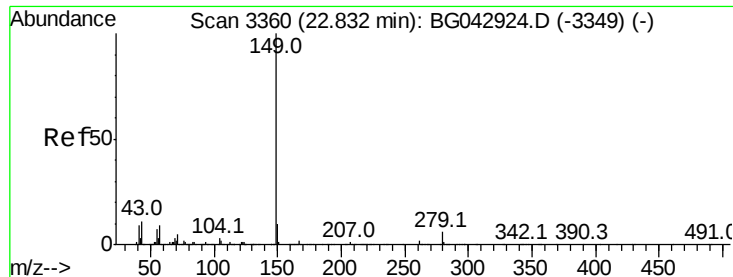


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.266 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

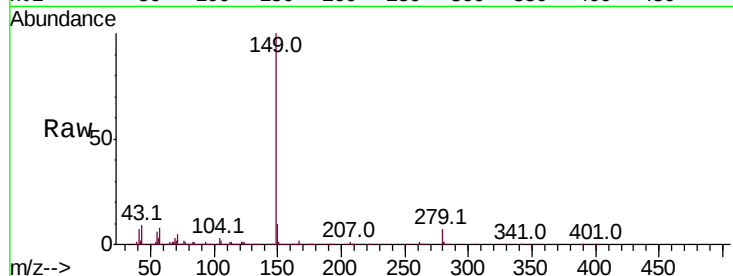
Tot Ion:149 Resp: 1166163

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

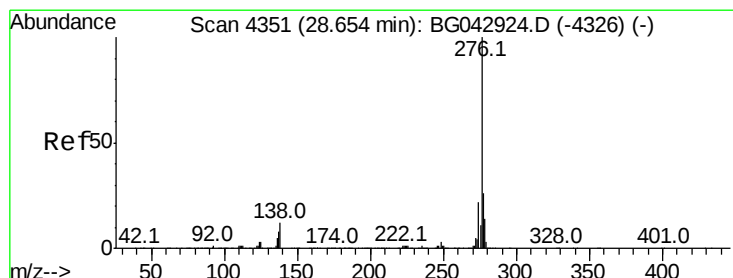
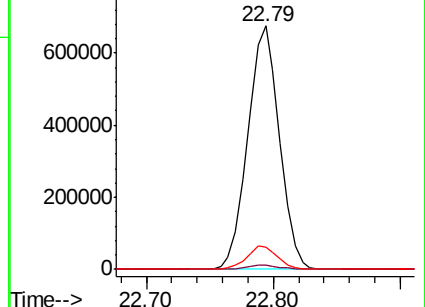
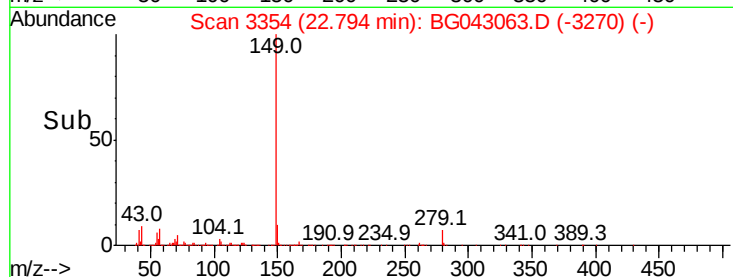
43 9.1 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.869 ng

RT: 28.59 min Scan# 4341

Delta R.T. -0.06 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

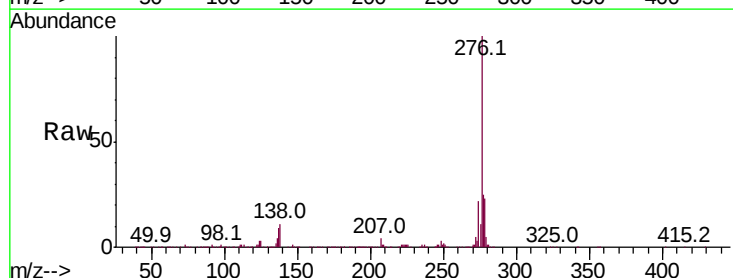
Tgt Ion:276 Resp: 1649596

Ion Ratio Lower Upper

276 100

138 8.1 7.0 10.6

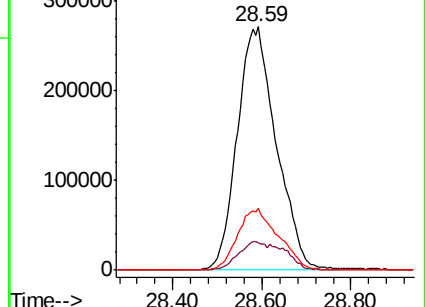
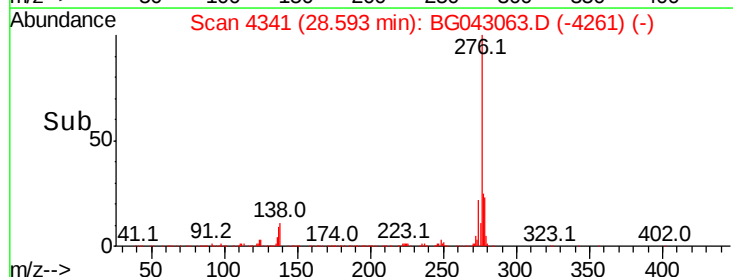
277 26.4 20.9 31.3

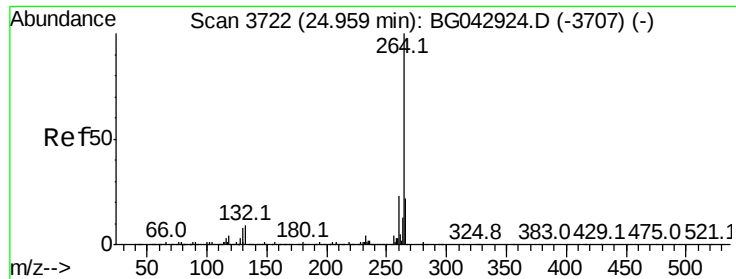


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.91 min Scan# 3715

Delta R.T. -0.04 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

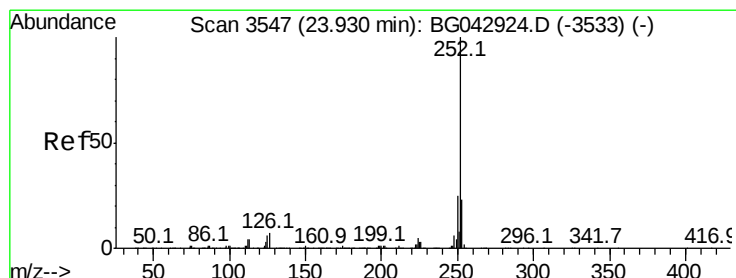
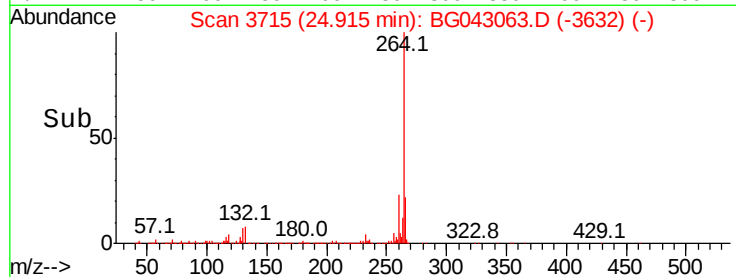
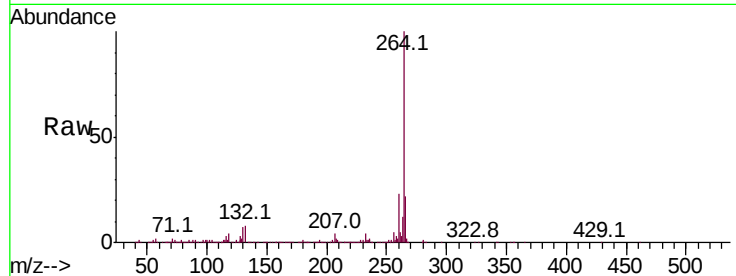
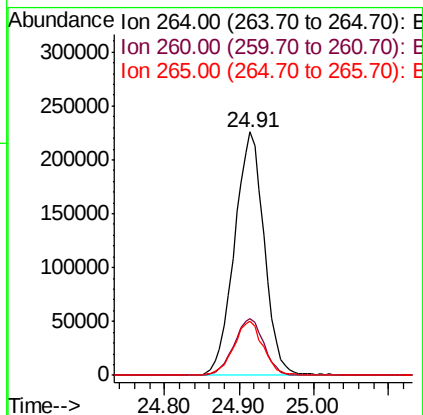
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:264 Resp: 623690

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.0	17.7	26.5



#88

Benzo(b)fluoranthene

Concen: 39.612 ng

RT: 23.89 min Scan# 3541

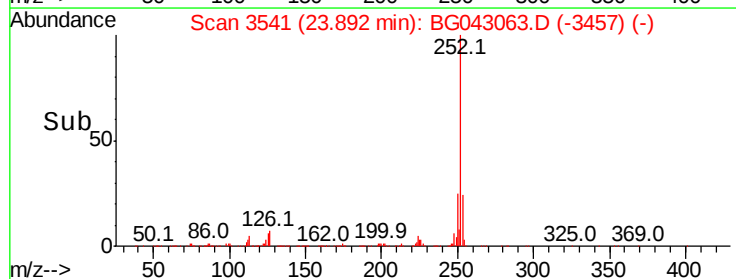
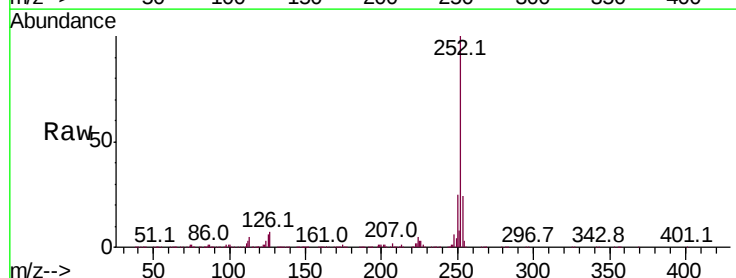
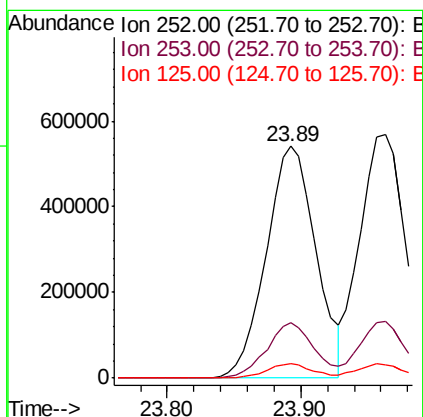
Delta R.T. -0.04 min

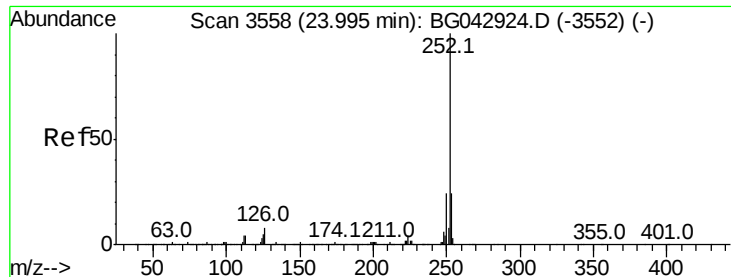
Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Tgt Ion:252 Resp: 1397906

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	6.1	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 38.480 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

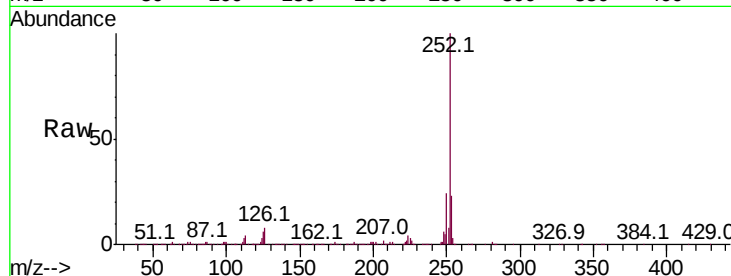
Tot Ion:252 Resp: 1343406

Ion Ratio Lower Upper

252 100

253 23.3 18.9 28.3

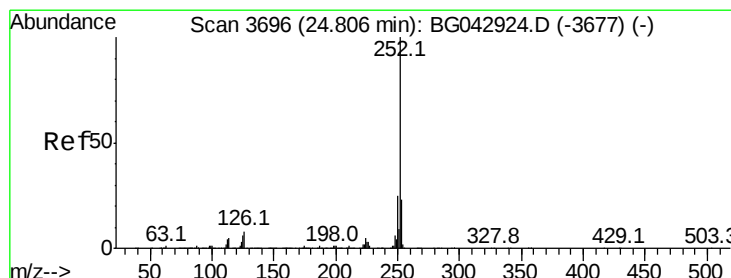
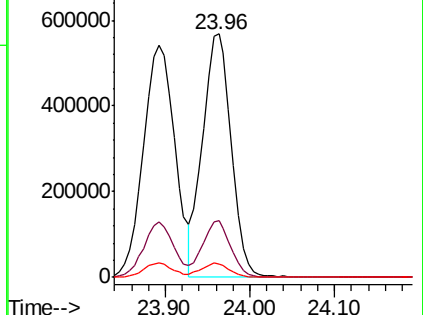
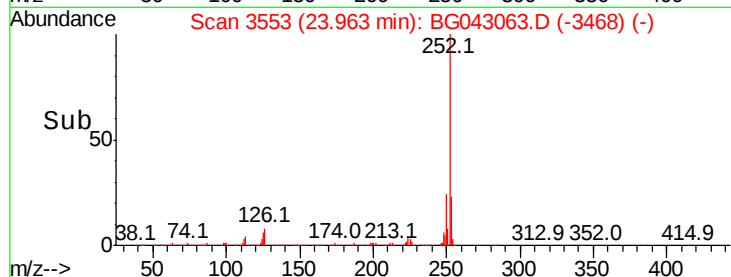
125 5.7 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.217 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.04 min

Lab File: BG043063.D

Acq: 5 Oct 2019 19:59

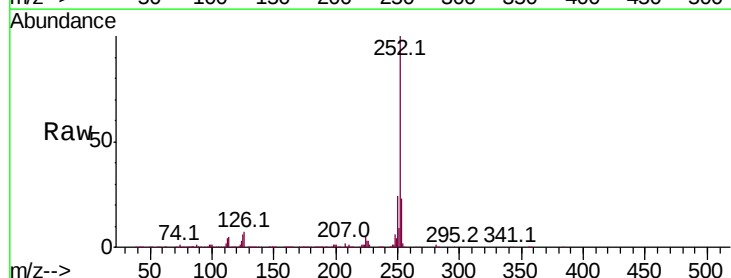
Tgt Ion:252 Resp: 1305711

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

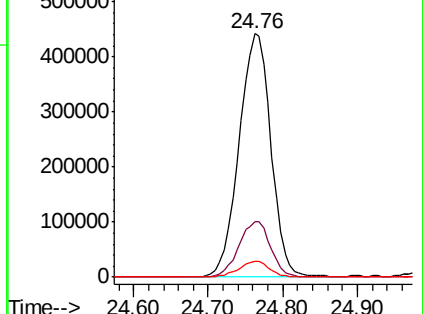
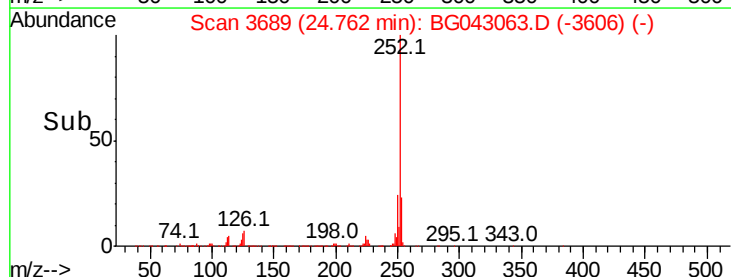
125 6.4 5.0 7.6

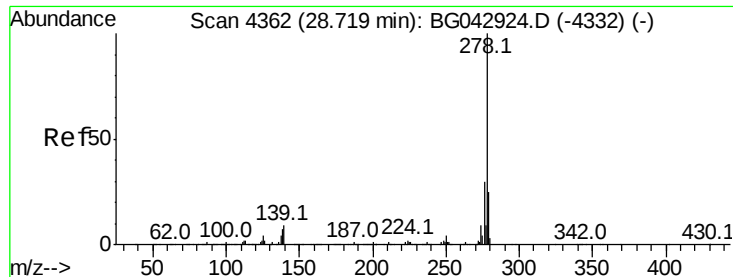


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

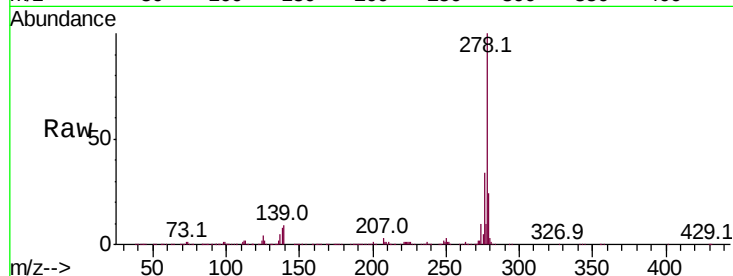




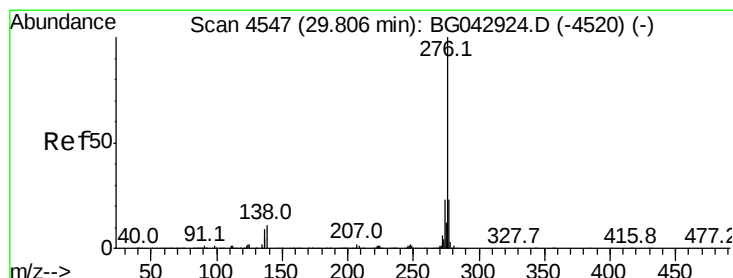
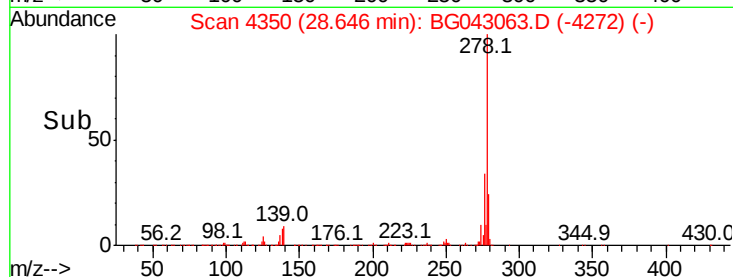
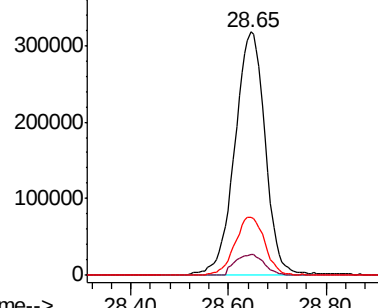
#91
Dibenzo(a,h)anthracene
Concen: 40.302 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 1375946
Ion Ratio Lower Upper
278 100
139 8.5 6.8 10.2
279 24.0 20.1 30.1

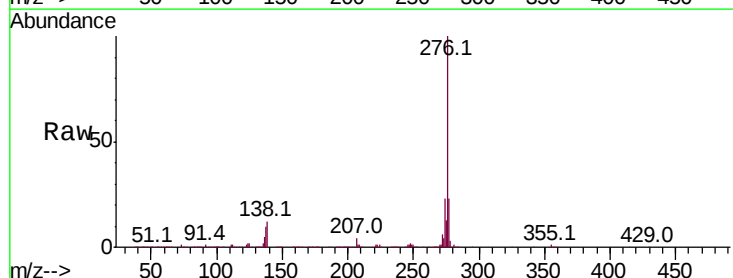


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.995 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043063.D
Acq: 5 Oct 2019 19:59

Tgt Ion:276 Resp: 1323019
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 11.9 8.6 12.8



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

