

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043461.D
 Acq On : 1 Nov 2019 12:10
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 22 05:34:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	41764	20.00	ng	0.02
21) Naphthalene-d8	10.82	136	174605	20.00	ng	0.03
39) Acenaphthene-d10	14.64	164	124537	20.00	ng	0.02
64) Phenanthrene-d10	17.39	188	300391	20.00	ng	0.02
76) Chrysene-d12	21.66	240	327793	20.00	ng	0.03
87) Perylene-d12	24.85	264	395805	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	189386	83.10	ng	0.01
7) Phenol-d6	7.20	99	270142	82.38	ng	0.01
23) Nitrobenzene-d5	9.17	82	264742	78.17	ng	0.02
42) 2,4,6-Tribromophenol	16.13	330	190101	80.21	ng	0.01
45) 2-Fluorobiphenyl	13.27	172	724516	80.39	ng	0.03
79) Terphenyl-d14	20.00	244	1371083	78.47	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	36390	40.972	ng	92
3) Pyridine	3.89	79	100572	44.890	ng	92
4) n-Nitrosodimethylamine	3.80	42	46551	41.176	ng	84
6) Aniline	7.34	93	154185	40.817	ng	99
8) 2-Chlorophenol	7.59	128	100030	39.759	ng	98
9) Benzaldehyde	7.15	77	68710	42.637	ng	97
10) Phenol	7.22	94	123430	41.192	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	90985	39.274	ng	94
12) 1,3-Dichlorobenzene	7.90	146	125428	39.790	ng	98
13) 1,4-Dichlorobenzene	8.05	146	127395	39.945	ng	96
14) 1,2-Dichlorobenzene	8.37	146	121071	38.880	ng	97
15) Benzyl Alcohol	8.26	79	94999	41.251	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	127360	37.807	ng	99
17) 2-Methylphenol	8.47	107	88129	40.344	ng	93
18) Hexachloroethane	9.10	117	44697	38.845	ng	86
19) n-Nitroso-di-n-propylamine	8.82	70	84852	40.045	ng	96
20) 3+4-Methylphenols	8.80	107	122301	40.830	ng	88
22) Acetophenone	8.84	105	175261	39.195	ng	# 98
24) Nitrobenzene	9.22	77	126728	39.280	ng	96
25) Isophorone	9.74	82	239027	38.603	ng	99
26) 2-Nitrophenol	9.93	139	63911	41.032	ng	95
27) 2,4-Dimethylphenol	10.00	122	88904	39.823	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	134285	39.294	ng	95
29) 2,4-Dichlorophenol	10.48	162	113007	39.507	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	139219	38.617	ng	98
31) Naphthalene	10.87	128	344536	38.874	ng	99
32) Benzoic acid	10.17	122	67860	41.353	ng	94
33) 4-Chloroaniline	10.98	127	147757	40.671	ng	95
34) Hexachlorobutadiene	11.15	225	103502	38.837	ng	98
35) Caprolactam	11.76	113	39825	40.426	ng	92
36) 4-Chloro-3-methylphenol	12.12	107	122764	39.346	ng	96
37) 2-Methylnaphthalene	12.47	142	264529	38.900	ng	98
38) 1-Methylnaphthalene	12.69	142	250063	38.648	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	182938	39.692	ng	98

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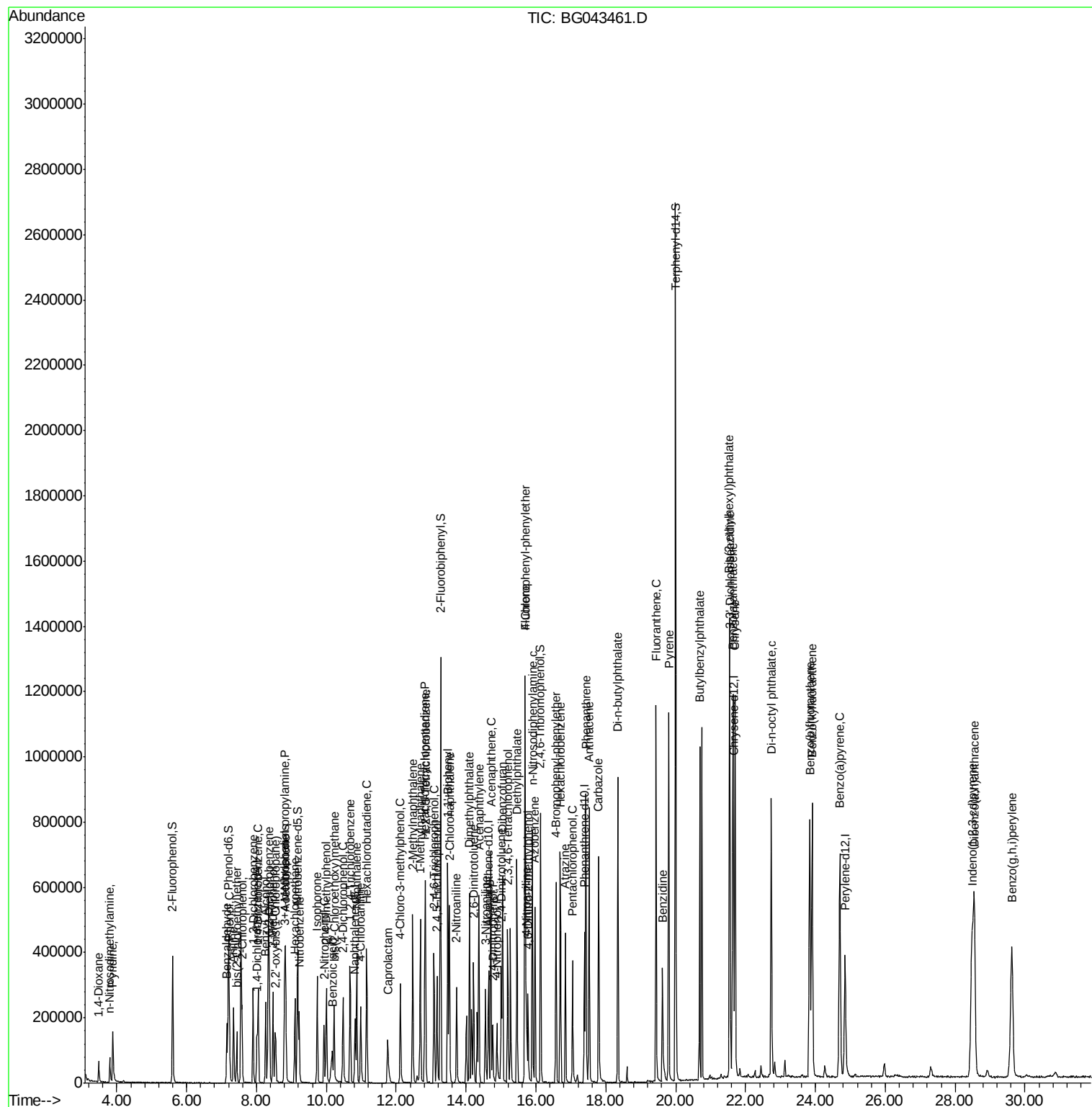
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	127146	52.516	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	109060	40.181	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	113002	41.181	ng	98
46) 1,1'-Biphenyl	13.47	154	384628	40.598	ng	97
47) 2-Chloronaphthalene	13.52	162	285257	39.572	ng	99
48) 2-Nitroaniline	13.73	65	91646	42.537	ng	98
49) Acenaphthylene	14.37	152	454004	40.467	ng	100
50) Dimethylphthalate	14.10	163	385885	40.004	ng	99
51) 2,6-Dinitrotoluene	14.21	165	85120	40.618	ng	96
52) Acenaphthene	14.71	154	273988	40.046	ng	96
53) 3-Nitroaniline	14.56	138	84529	41.778	ng	96
54) 2,4-Dinitrophenol	14.76	184	53851	44.688	ng	# 88
55) Dibenzofuran	15.04	168	443944	40.013	ng	98
56) 4-Nitrophenol	14.88	139	59151	43.626	ng	93
57) 2,4-Dinitrotoluene	15.00	165	123470	41.227	ng	94
58) Fluorene	15.69	166	373618	40.150	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.19	232	115551	39.634	ng	92
60) Diethylphthalate	15.45	149	377373	38.935	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	214864	39.580	ng	98
62) 4-Nitroaniline	15.72	138	91755	43.911	ng	98
63) Azobenzene	15.97	77	308627	39.344	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	71457	40.421	ng	98
66) n-Nitrosodiphenylamine	15.90	169	328044	38.681	ng	97
67) 4-Bromophenyl-phenylether	16.57	248	153267	37.913	ng	97
68) Hexachlorobenzene	16.70	284	175908	37.908	ng	94
69) Atrazine	16.84	200	101120	34.314	ng	97
70) Pentachlorophenol	17.05	266	83374	39.431	ng	97
71) Phenanthrene	17.43	178	594978	38.679	ng	99
72) Anthracene	17.52	178	603968	39.244	ng	99
73) Carbazole	17.79	167	546923	39.243	ng	99
74) Di-n-butylphthalate	18.35	149	665502	39.354	ng	99
75) Fluoranthene	19.44	202	789912	39.390	ng	97
77) Benzidine	19.62	184	276764	41.953	ng	97
78) Pyrene	19.80	202	796163	39.239	ng	100
80) Butylbenzylphthalate	20.68	149	307096	39.950	ng	97
81) Benzo(a)anthracene	21.64	228	826021	40.229	ng	100
82) 3,3'-Dichlorobenzidine	21.55	252	334299	42.094	ng	96
83) Chrysene	21.70	228	806441	39.530	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	442544	40.528	ng	99
85) Di-n-octyl phthalate	22.73	149	761217	41.089	ng	98
86) Indeno(1,2,3-cd)pyrene	28.48	276	1078578	42.119	ng	# 94
88) Benzo(b)fluoranthene	23.84	252	891954	39.789	ng	100
89) Benzo(k)fluoranthene	23.90	252	878830	38.942	ng	99
90) Benzo(a)pyrene	24.70	252	855933	39.984	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	891469	40.714	ng	99
92) Benzo(g,h,i)perylene	29.63	276	860270	39.831	ng	98

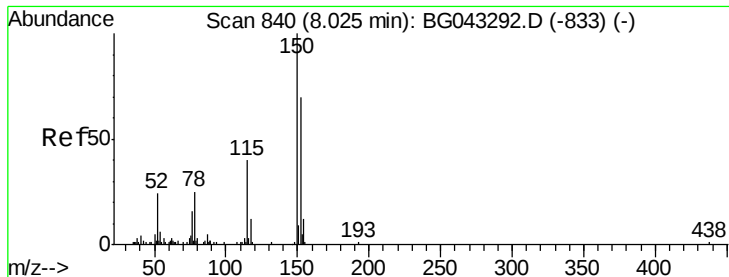
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

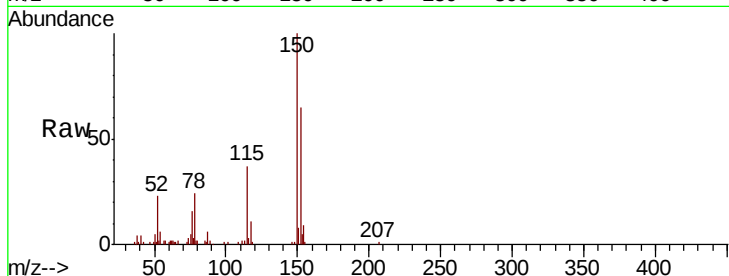
Tot Ion:152 Resp: 41764

Ion Ratio Lower Upper

152 100

150 153.5 116.6 175.0

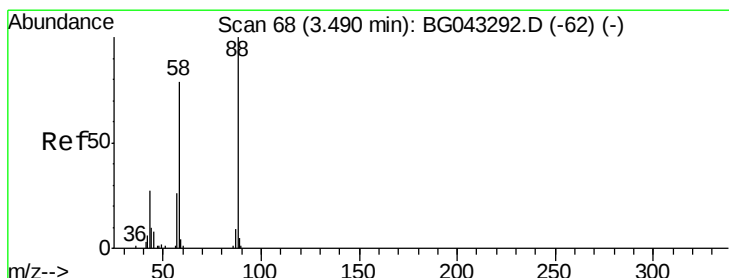
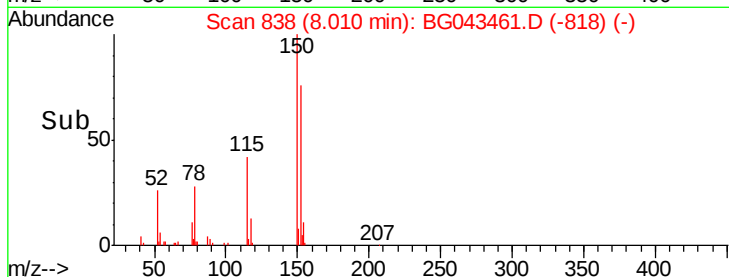
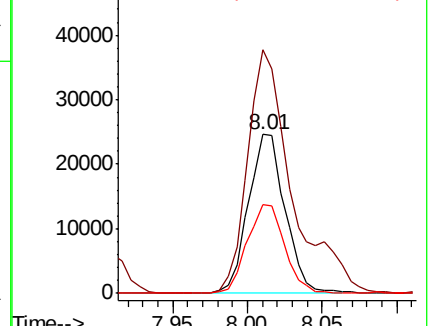
115 56.1 40.5 60.7



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: 40.972 ng

RT: 3.48 min Scan# 67

Delta R.T. 0.03 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

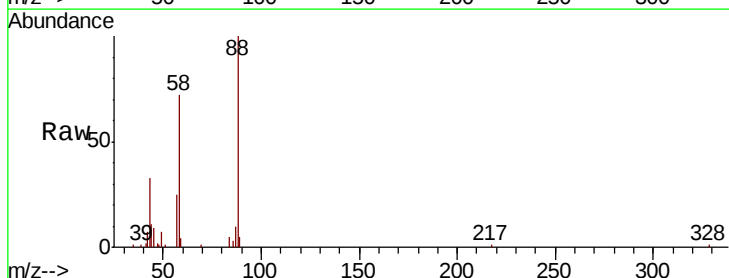
Tgt Ion: 88 Resp: 36390

Ion Ratio Lower Upper

88 100

58 72.9 62.2 93.4

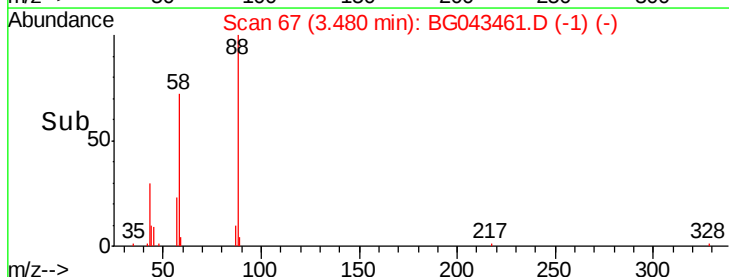
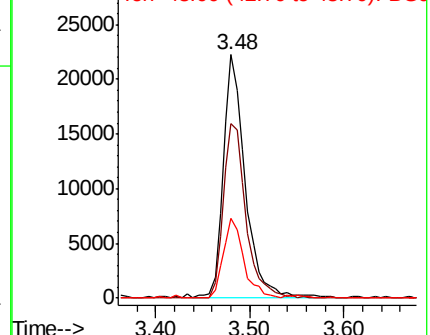
43 30.5 30.1 45.1



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: 44.890 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.03 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

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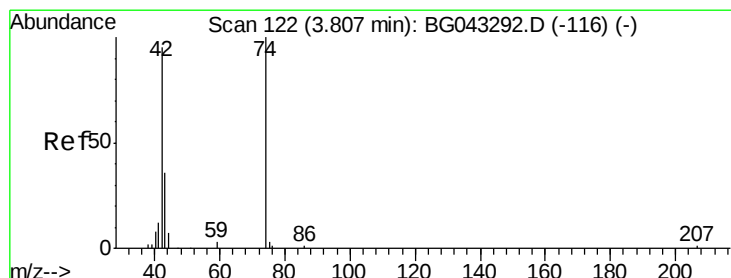
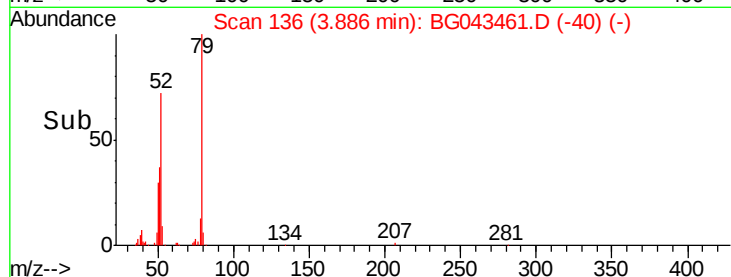
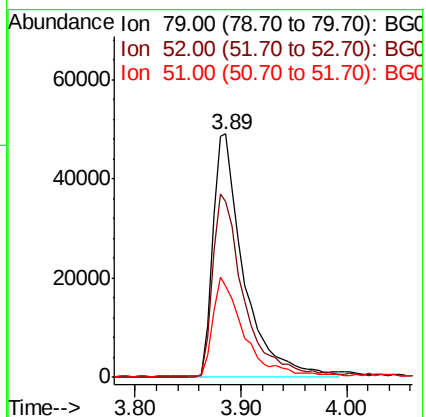
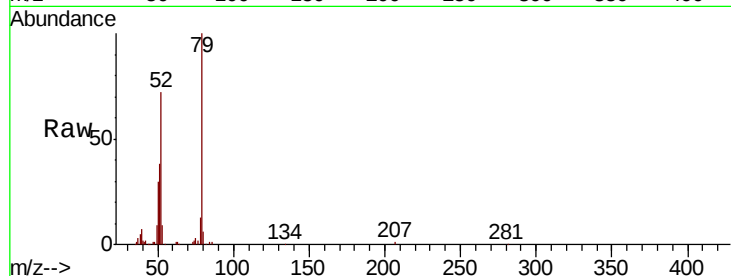
Tot Ion: 79 Resp: 100572

Ion Ratio Lower Upper

79 100

52 72.1 63.2 94.8

51 37.7 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 41.176 ng

RT: 3.80 min Scan# 121

Delta R.T. 0.03 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

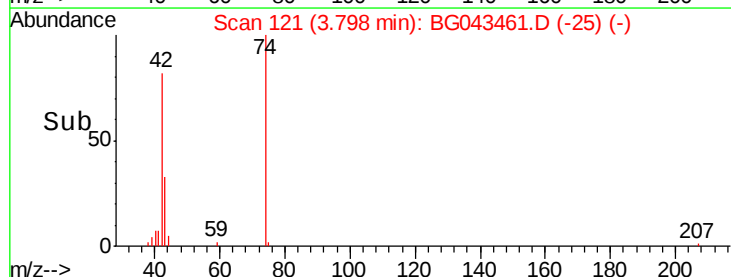
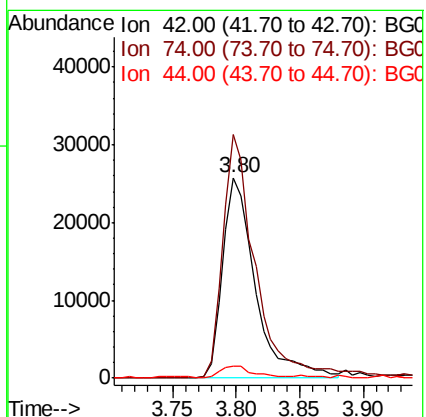
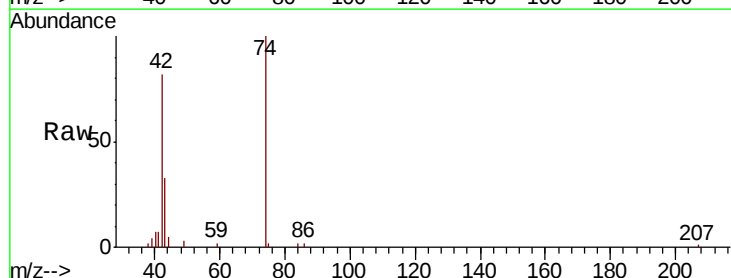
Tgt Ion: 42 Resp: 46551

Ion Ratio Lower Upper

42 100

74 121.3 83.0 124.6

44 5.7 4.4 6.6





#5

2-Fluorophenol

Concen: 83.095 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

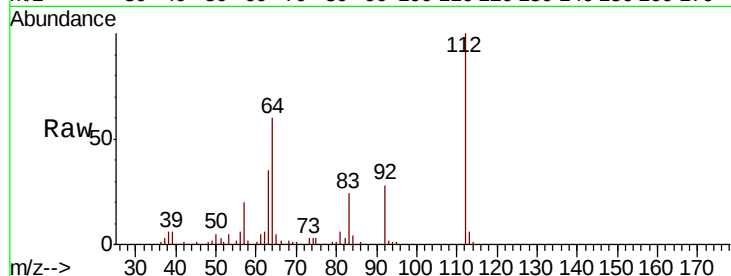
Tot Ion:112 Resp: 189386

Ion Ratio Lower Upper

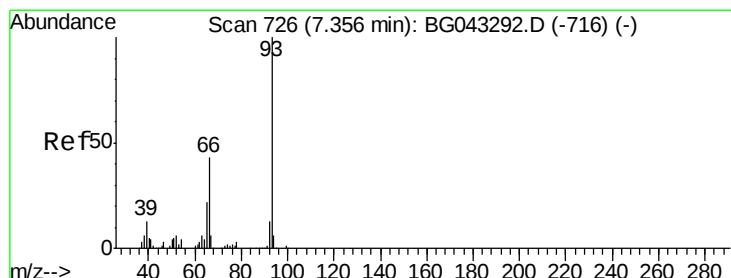
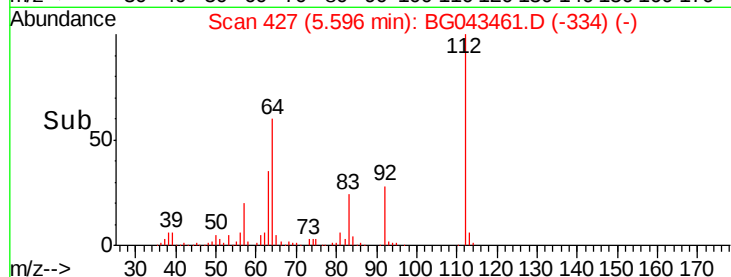
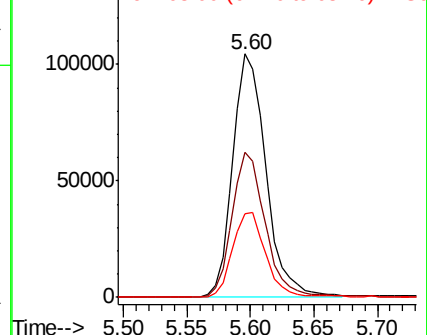
112 100

64 59.8 50.6 75.8

63 34.6 30.5 45.7



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: 40.817 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

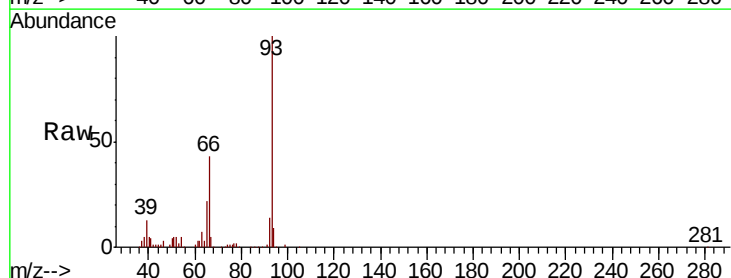
Tgt Ion: 93 Resp: 154185

Ion Ratio Lower Upper

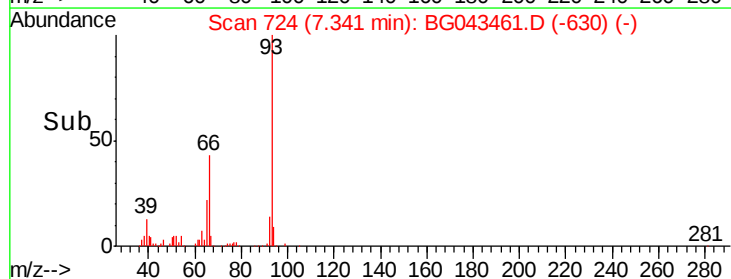
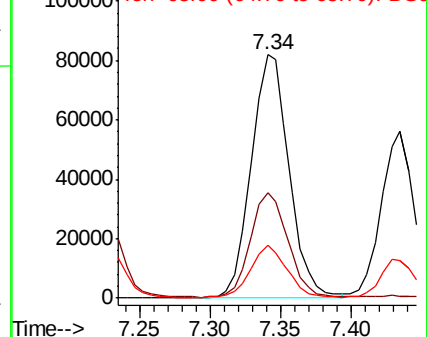
93 100

66 43.2 35.4 53.2

65 21.5 17.1 25.7



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: 82.382 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043461.D

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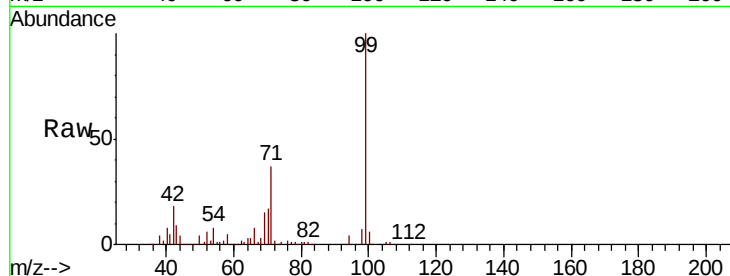
Tot Ion: 99 Resp: 270142

Ion Ratio Lower Upper

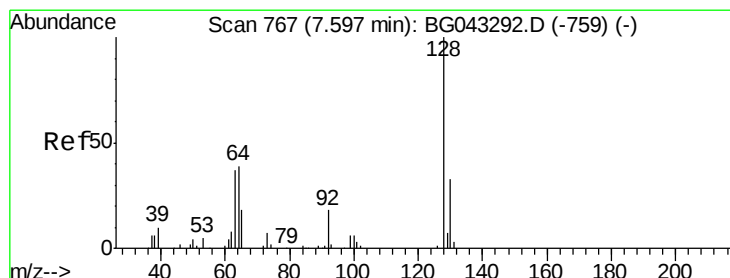
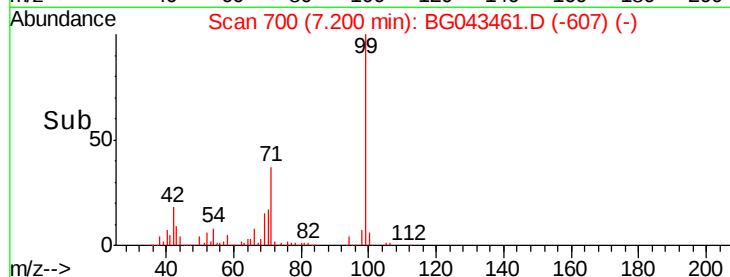
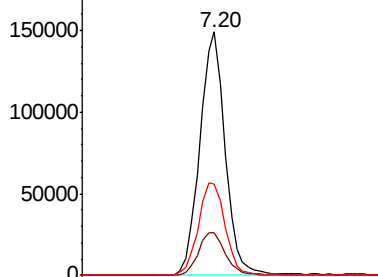
99 100

42 17.5 15.8 23.8

71 37.4 34.4 51.6



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: 39.759 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

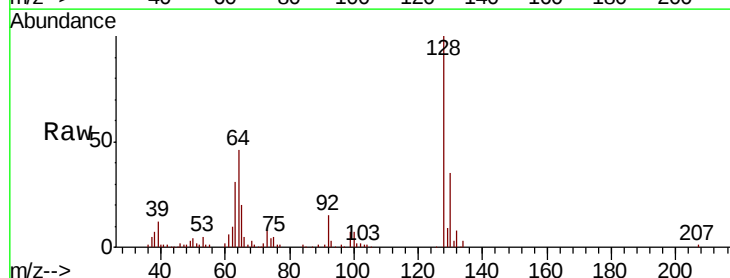
Tgt Ion:128 Resp: 100030

Ion Ratio Lower Upper

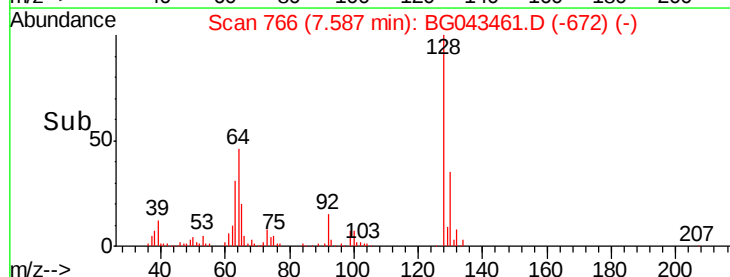
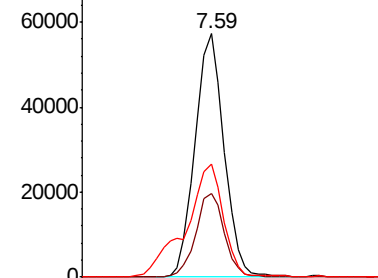
128 100

130 34.5 14.5 54.5

64 46.5 29.2 69.2



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: 42.637 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.02 min

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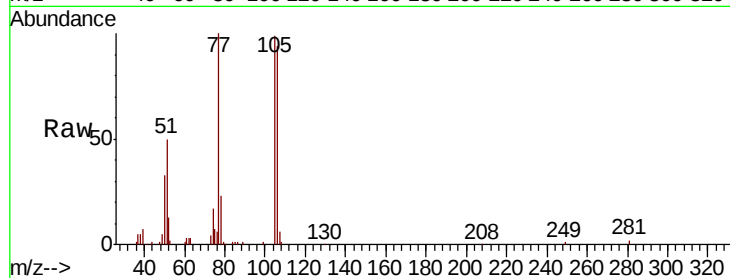
Tot Ion: 77 Resp: 68710

Ion Ratio Lower Upper

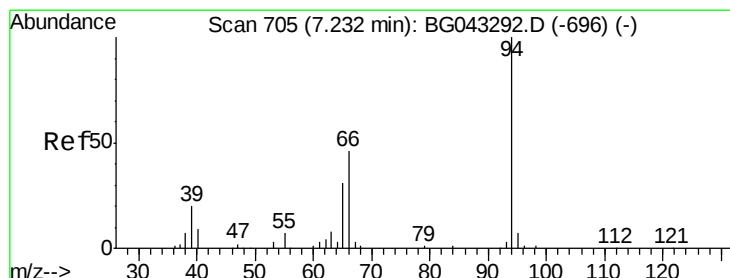
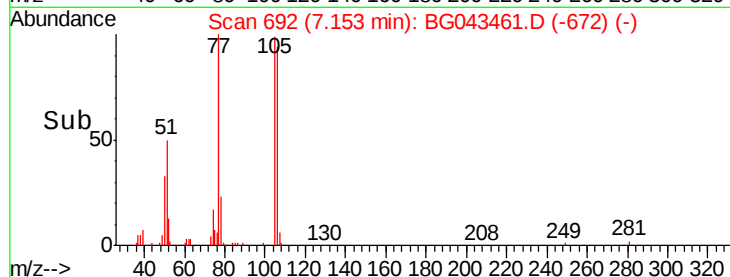
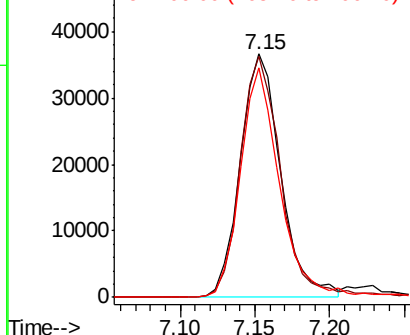
77 100

105 99.1 84.9 124.9

106 94.2 75.1 115.1



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: 41.192 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

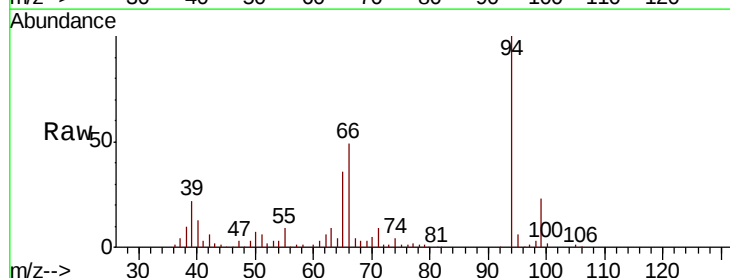
Tgt Ion: 94 Resp: 123430

Ion Ratio Lower Upper

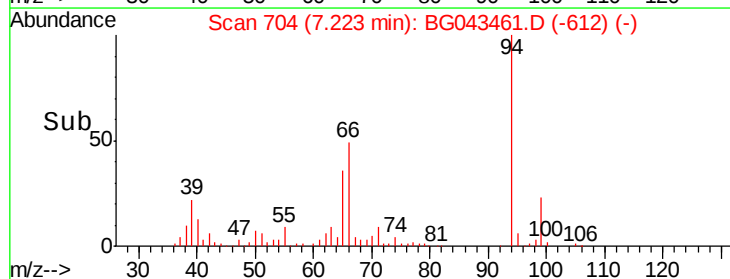
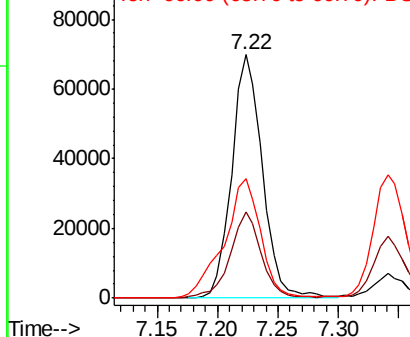
94 100

65 35.7 11.4 51.4

66 48.9 28.4 68.4



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

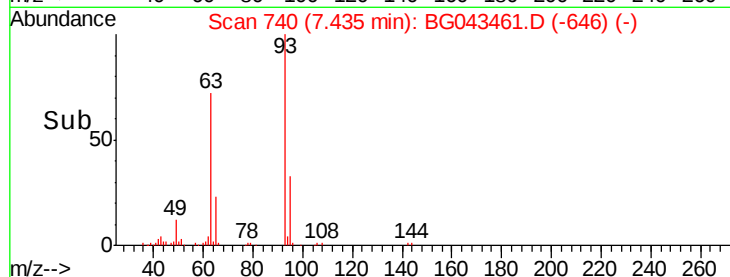
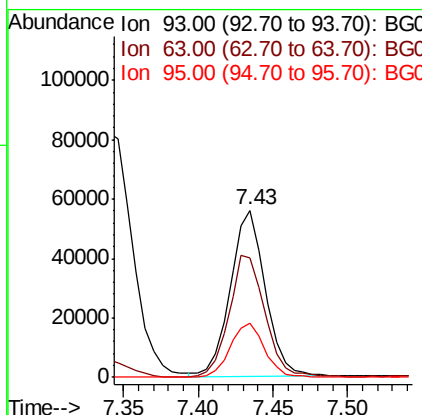
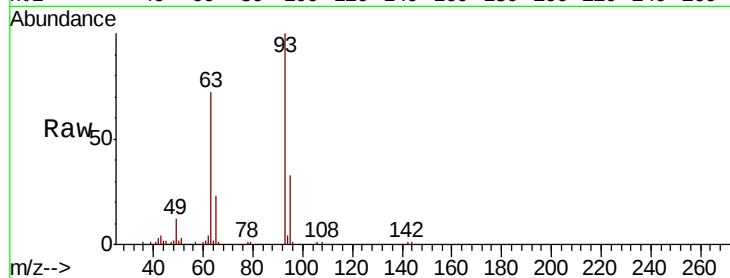




#11
bis(2-Chloroethyl)ether
Concen: 39.274 ng
RT: 7.43 min Scan# 740
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

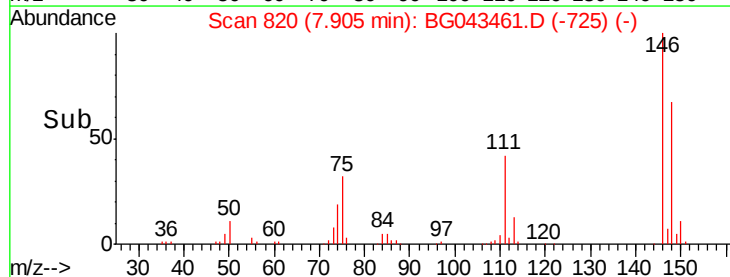
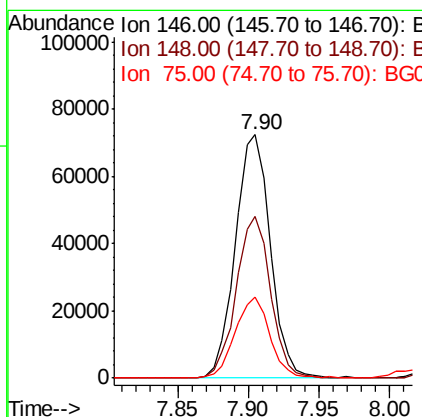
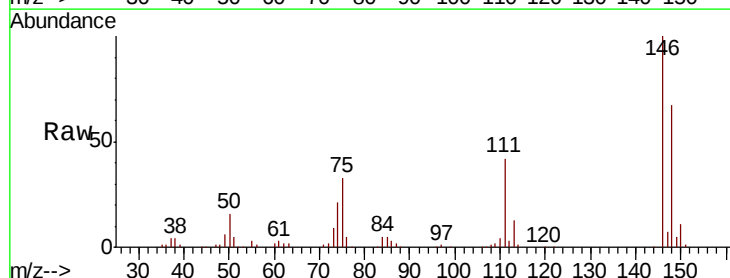
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

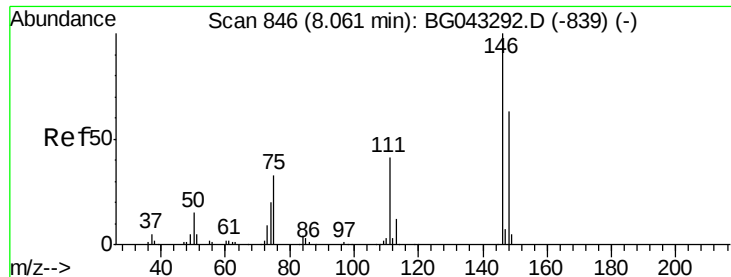
Tot Ion	93.00	Resp	90985
Ion Ratio	100	Lower	Upper
63	71.6	54.9	94.9
95	32.6	7.2	47.2



#12
1,3-Dichlorobenzene
Concen: 39.790 ng
RT: 7.90 min Scan# 820
Delta R.T. 0.03 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion	146	Resp	125428
Ion Ratio	100	Lower	Upper
148	66.7	51.4	77.2
75	33.2	26.2	39.2

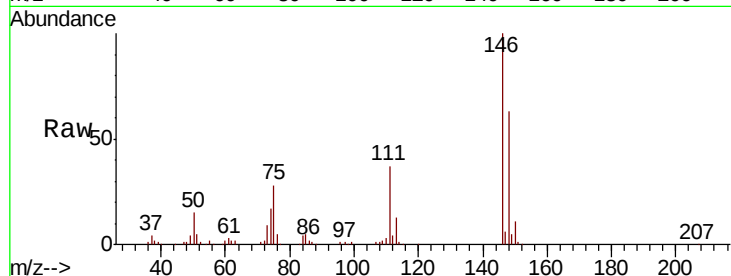




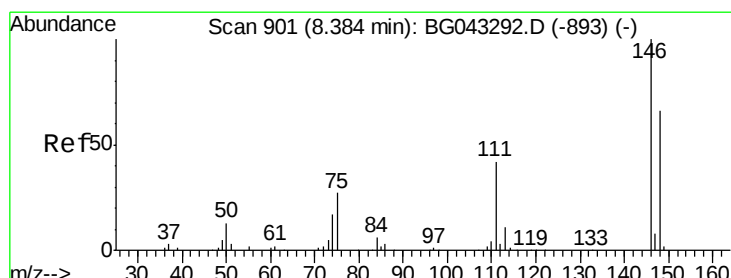
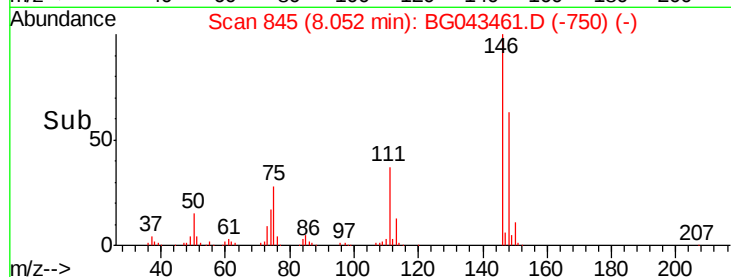
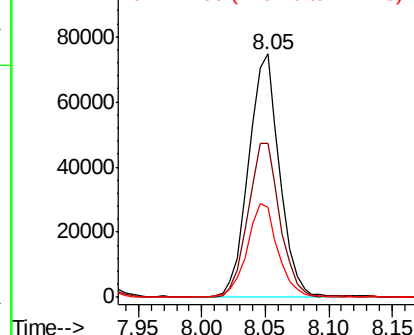
#13
 1,4-Dichlorobenzene
 Concen: 39.945 ng
 RT: 8.05 min Scan# 845
 Delta R.T. 0.03 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Instrument :
 BNA_G
 ClientSampleID :
 SSTCCCC040

Tot Ion:146 Resp: 127395
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.6
 111 37.0 34.3 51.5

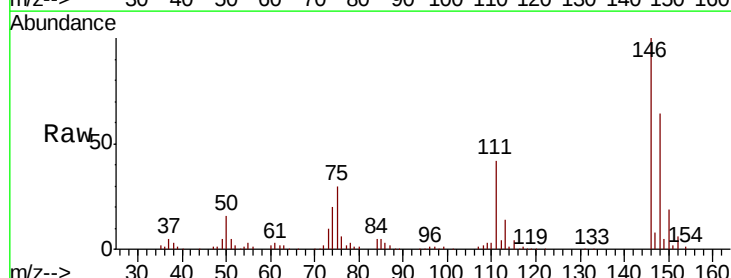


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

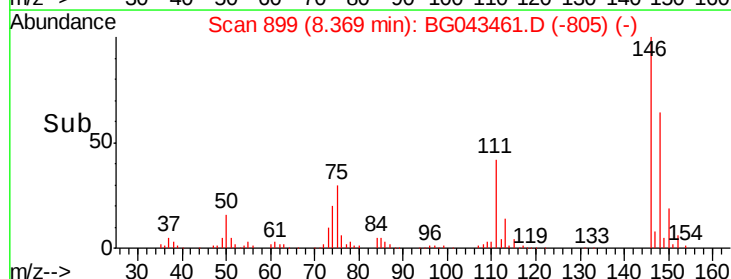
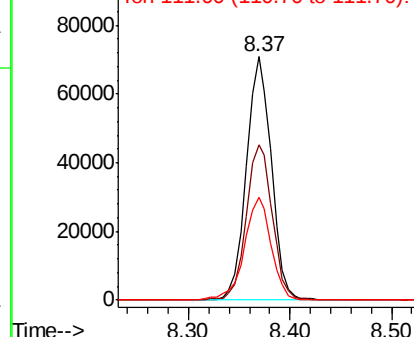


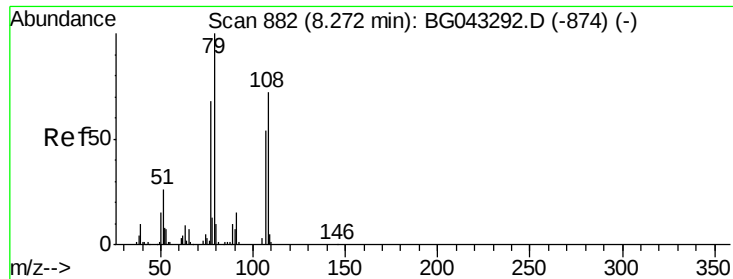
#14
 1,2-Dichlorobenzene
 Concen: 38.880 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.02 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion:146 Resp: 121071
 Ion Ratio Lower Upper
 146 100
 148 63.9 53.4 80.2
 111 42.4 35.3 52.9



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: 41.251 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

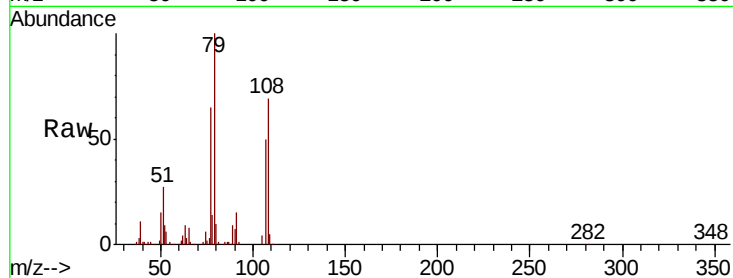
Tot Ion: 79 Resp: 94999

Ion Ratio Lower Upper

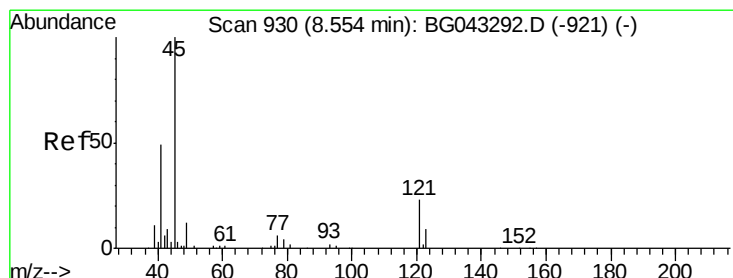
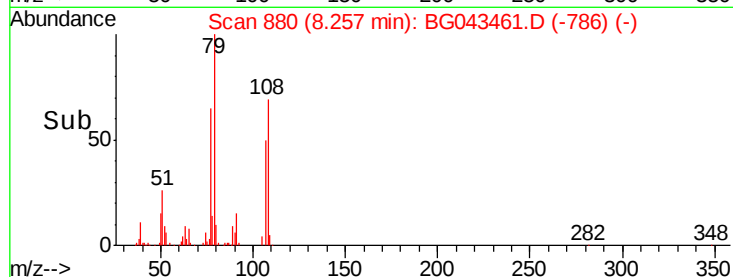
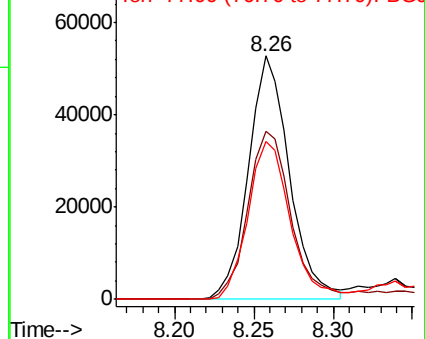
79 100

108 69.1 56.0 84.0

77 65.0 47.9 71.9



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: 37.807 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.03 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

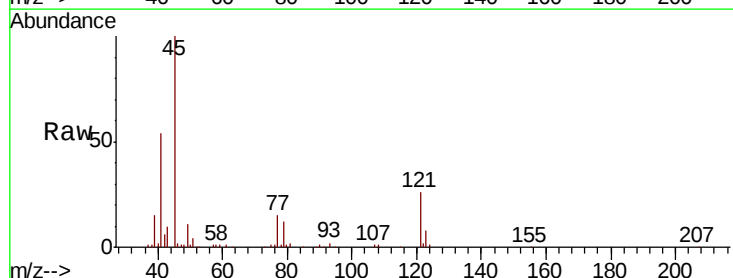
Tgt Ion: 45 Resp: 127360

Ion Ratio Lower Upper

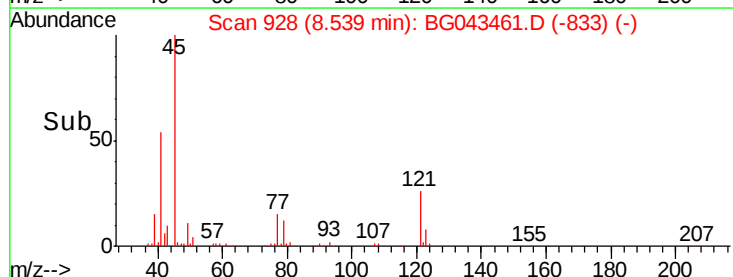
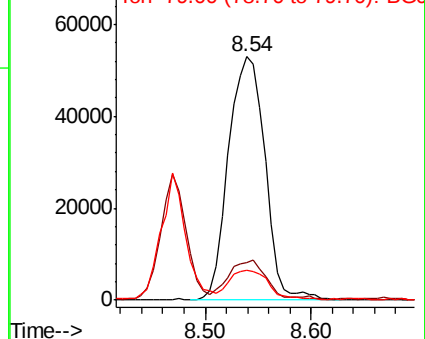
45 100

77 15.3 0.0 35.2

79 12.0 0.0 32.4



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

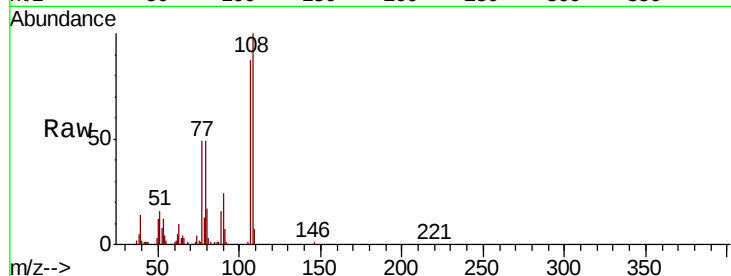




#17
2-Methylphenol
Concen: 40.344 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	84.7	127.1
77	56.3	46.2	69.4
79	56.4	41.0	61.6



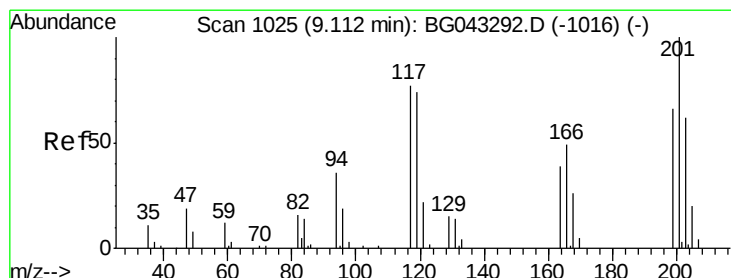
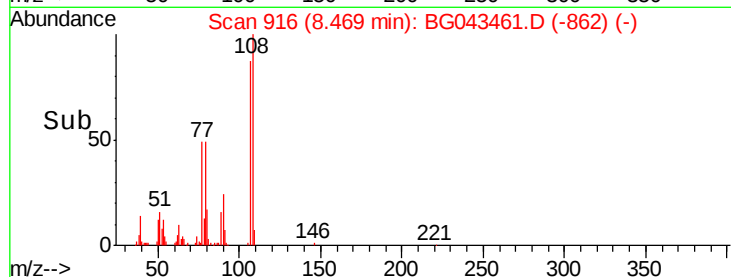
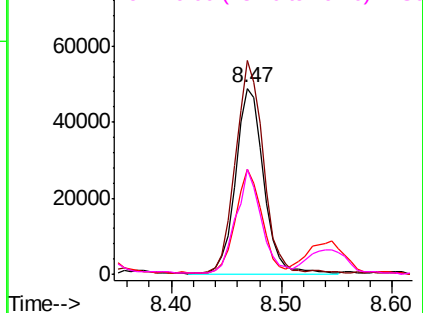
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

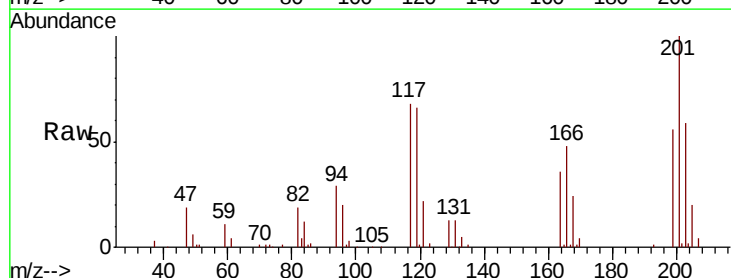
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.845 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.03 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	81.7	122.5
201	147.5	98.6	147.8

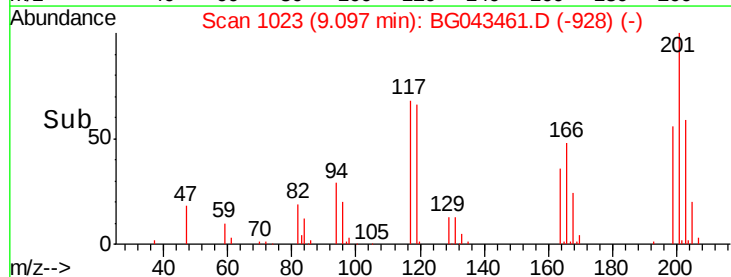
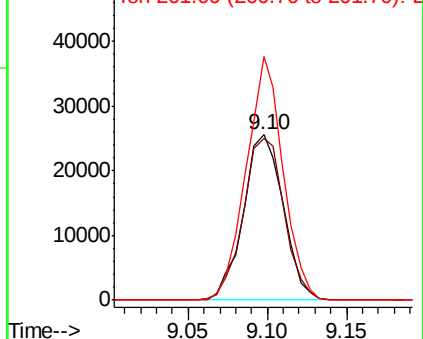


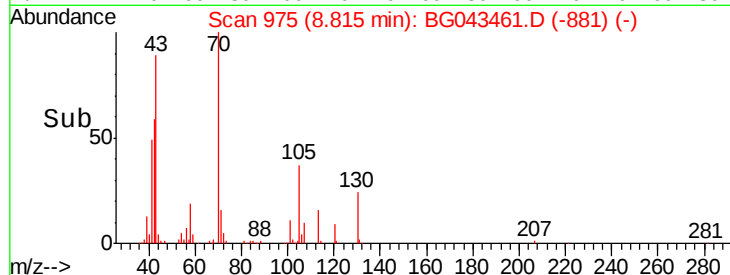
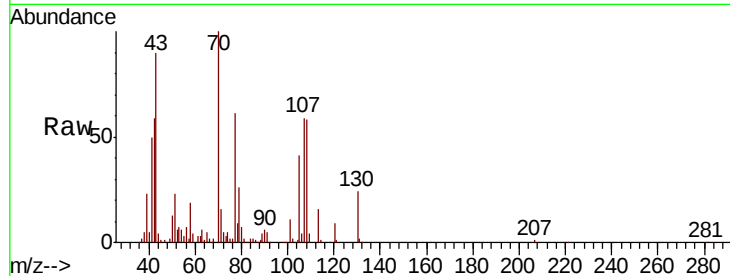
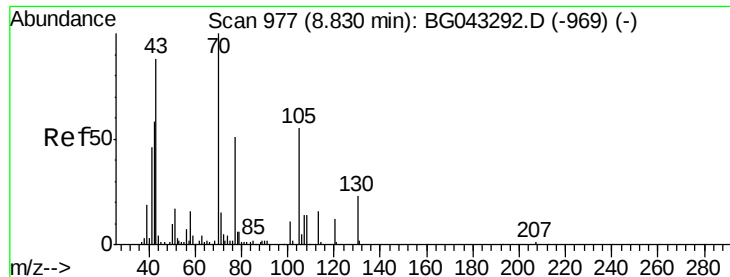
Abundance

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

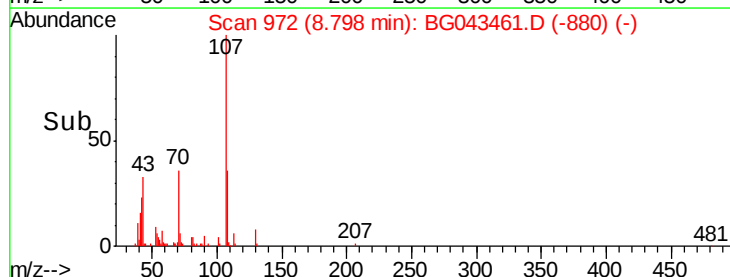
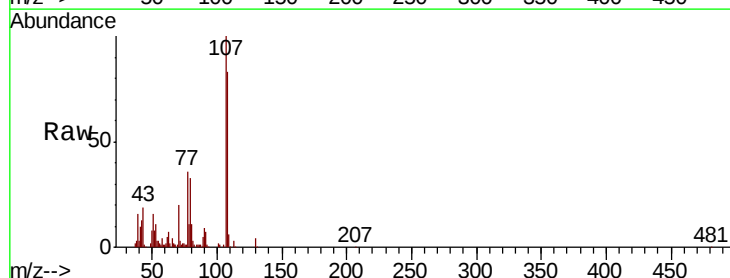
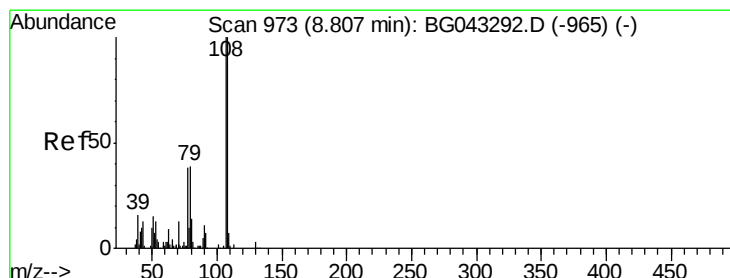
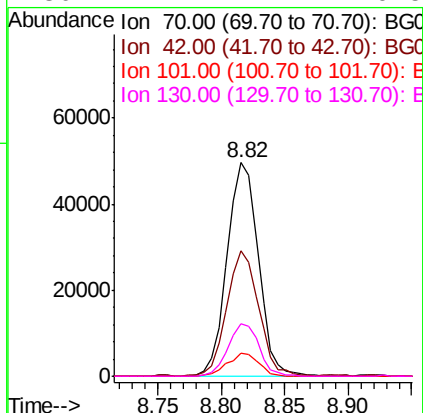




#19
n-Nitroso-di-n-propylamine
Concen: 40.045 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

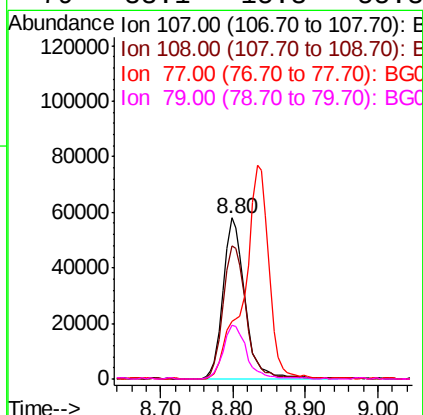
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 84852
Ion Ratio Lower Upper
70 100
42 58.9 49.7 74.5
101 10.9 9.7 14.5
130 24.4 17.7 26.5



#20
3+4-Methylphenols
Concen: 40.830 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion: 107 Resp: 122301
Ion Ratio Lower Upper
107 100
108 82.5 69.5 109.5
77 36.1 32.8 72.8
79 33.1 15.3 55.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.03 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 174605

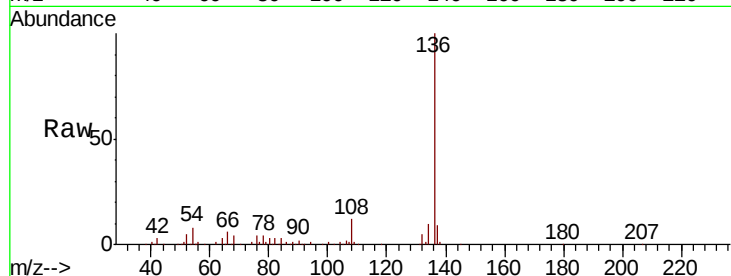
Ion Ratio Lower Upper

136 100

137 9.4 8.8 13.2

54 7.7 6.2 9.2

68 3.9 3.4 5.0

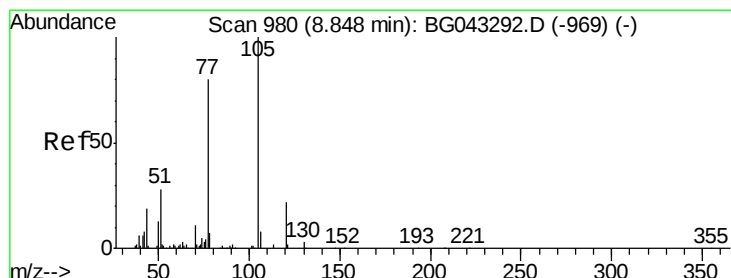
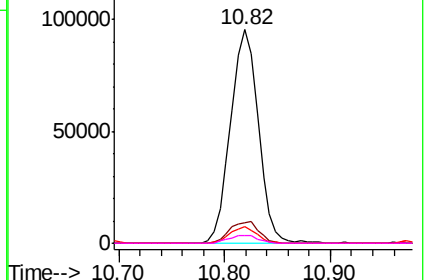
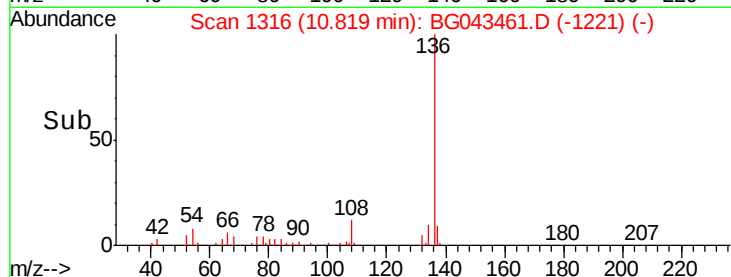


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.195 ng

RT: 8.84 min Scan# 979

Delta R.T. 0.03 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Tgt Ion:105 Resp: 175261

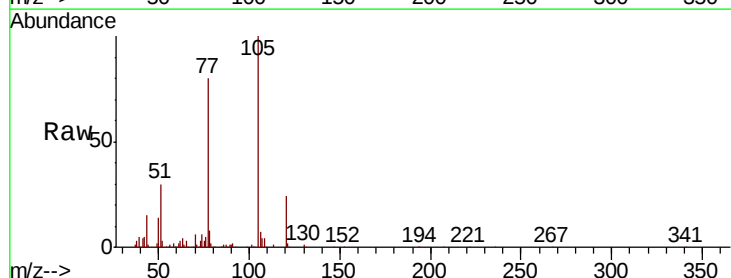
Ion Ratio Lower Upper

105 100

71 1.3 1.5 2.3#

51 30.4 25.0 37.6

120 23.7 18.3 27.5

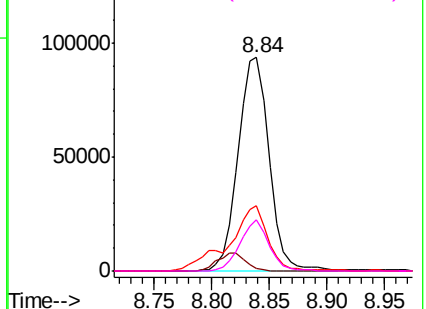
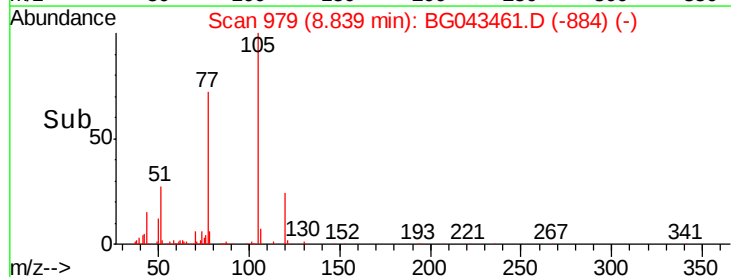


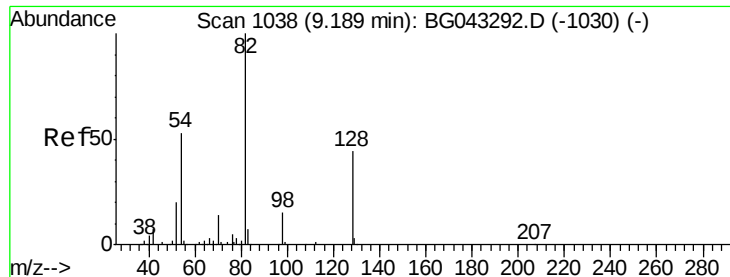
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

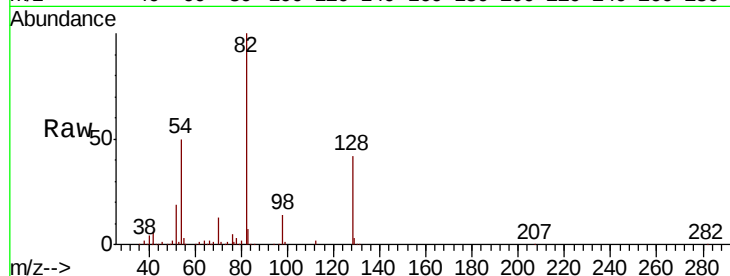




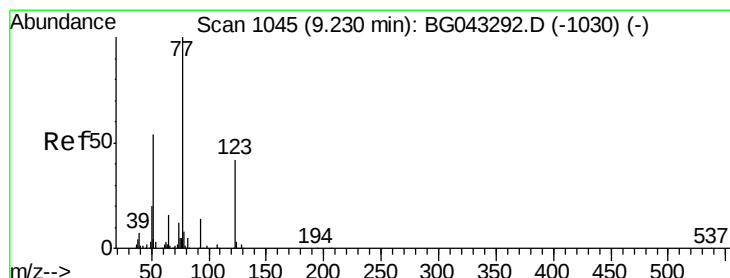
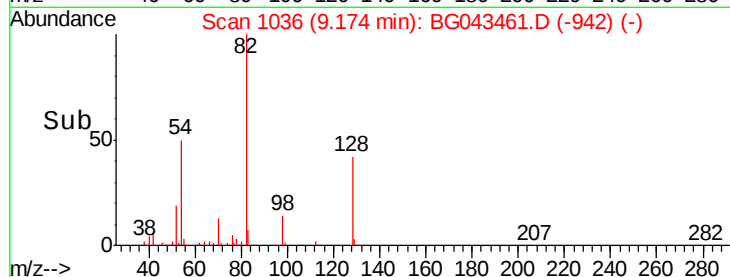
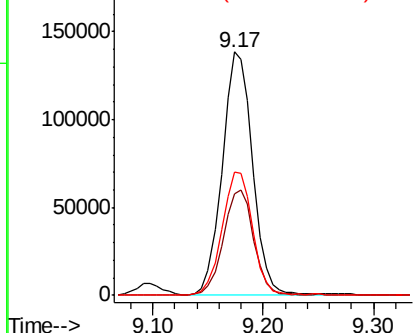
#23
 Nitrobenzene-d5
 Concen: 78.169 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. 0.02 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	264742
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.2	51.4
54	50.5	44.7	67.1

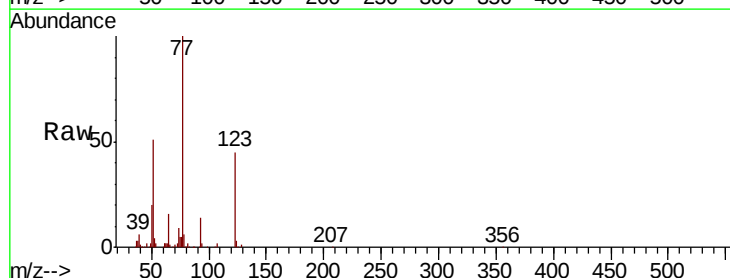


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

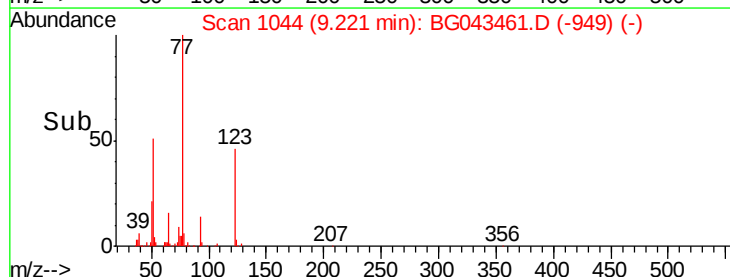
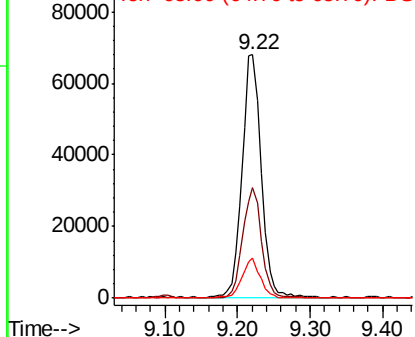


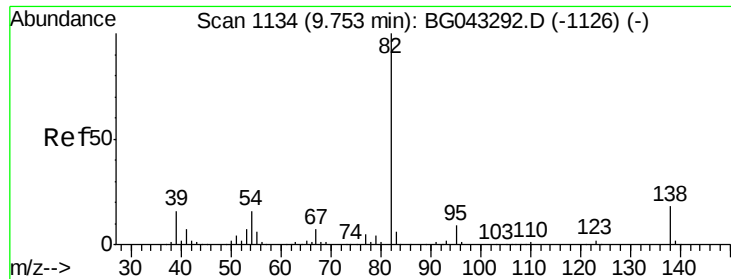
#24
 Nitrobenzene
 Concen: 39.280 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.03 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion	77	Resp	126728
Ion Ratio	Lower	Upper	
77	100		
123	45.5	33.6	50.4
65	16.4	12.9	19.3



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





#25

Isophorone

Concen: 38.603 ng

RT: 9.74 min Scan# 1132

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

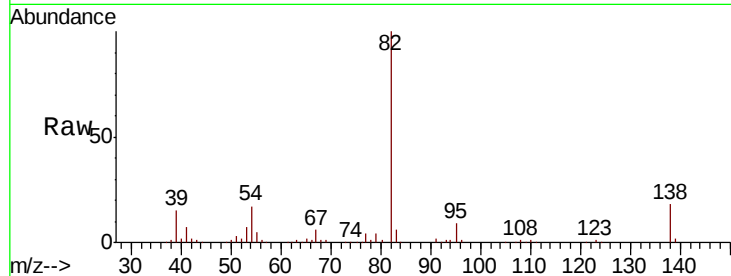
Tot Ion: 82 Resp: 239027

Ion Ratio Lower Upper

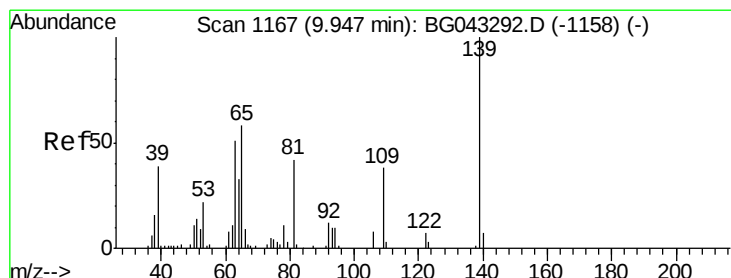
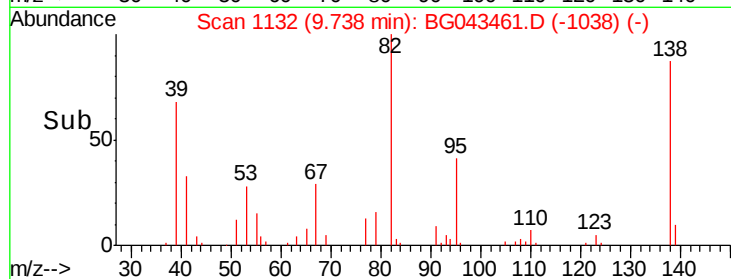
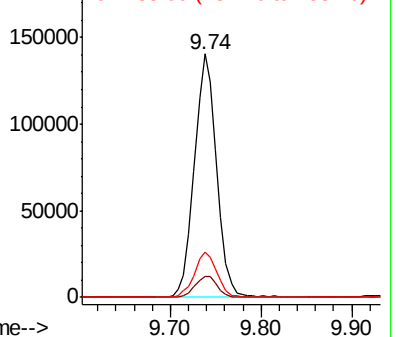
82 100

95 8.7 7.4 11.0

138 18.5 15.1 22.7



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: 41.032 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

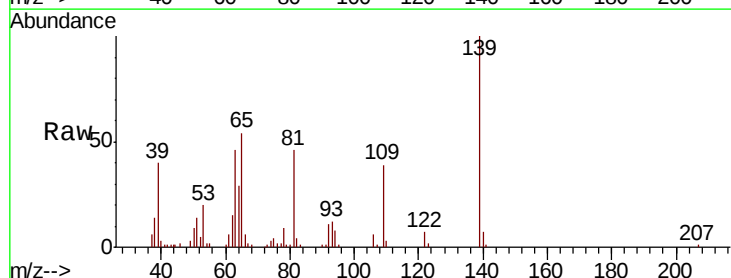
Tgt Ion: 139 Resp: 63911

Ion Ratio Lower Upper

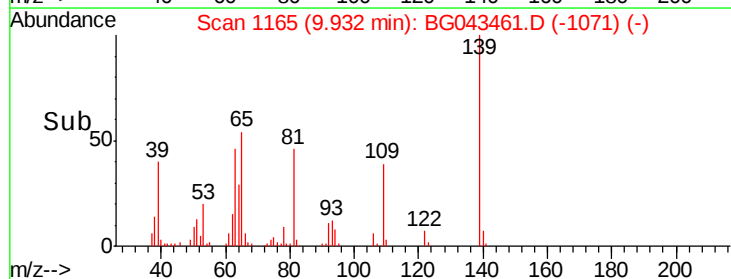
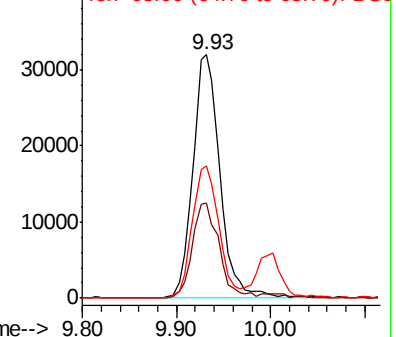
139 100

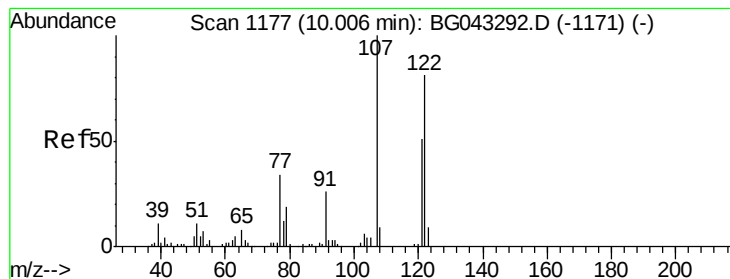
109 38.8 32.6 48.8

65 54.3 47.6 71.4



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: 39.823 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

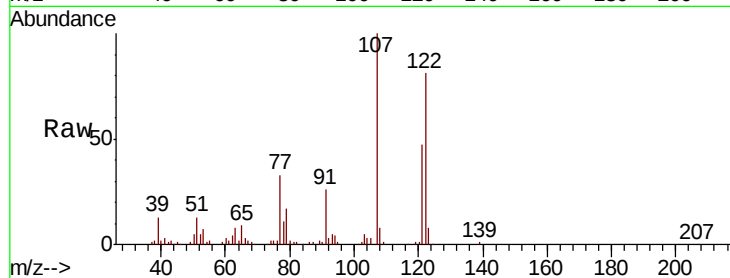
Tot Ion:122 Resp: 88904

Ion Ratio Lower Upper

122 100

107 123.6 100.7 151.1

121 57.7 47.0 70.4

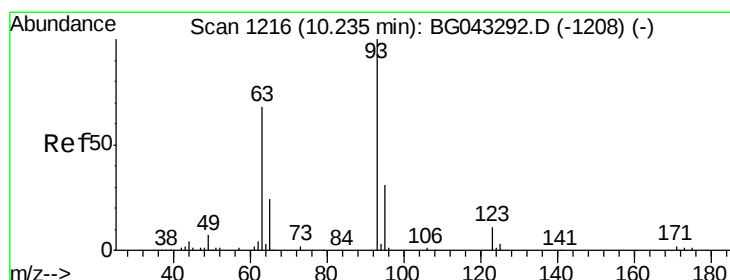
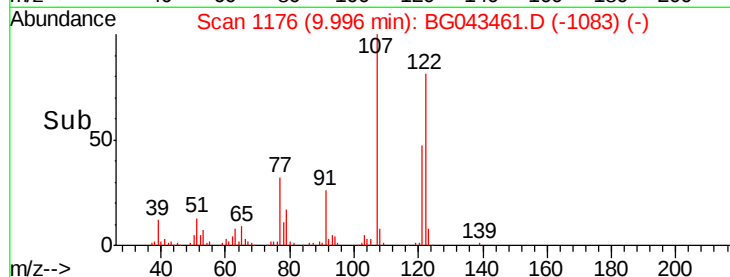
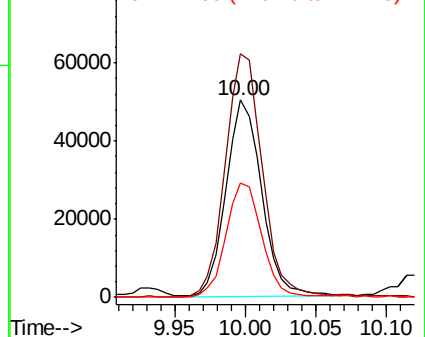


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.294 ng

RT: 10.22 min Scan# 1214

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

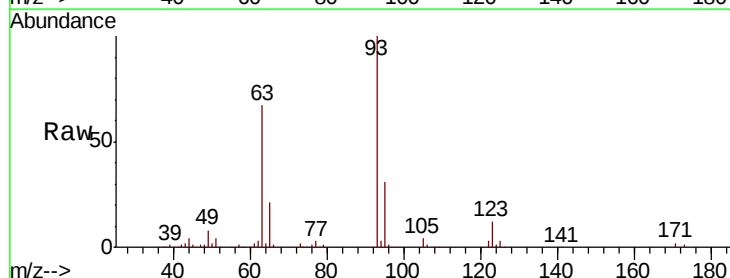
Tgt Ion: 93 Resp: 134285

Ion Ratio Lower Upper

93 100

95 31.5 27.5 41.3

123 11.6 10.7 16.1

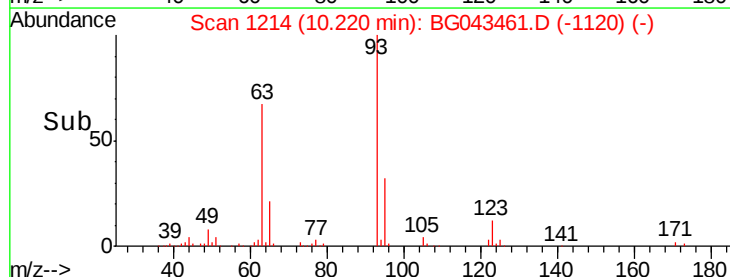
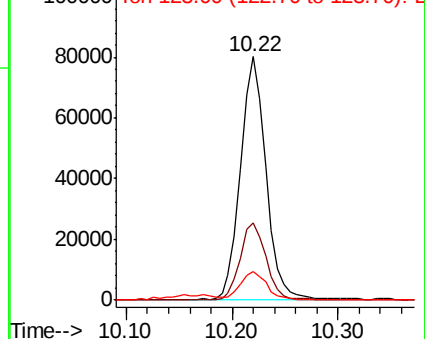


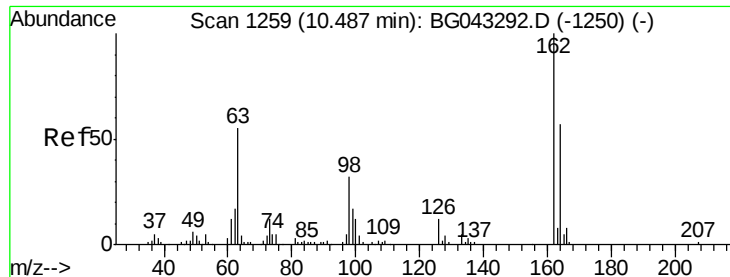
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

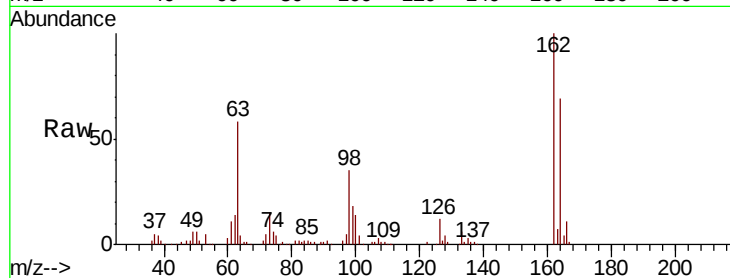




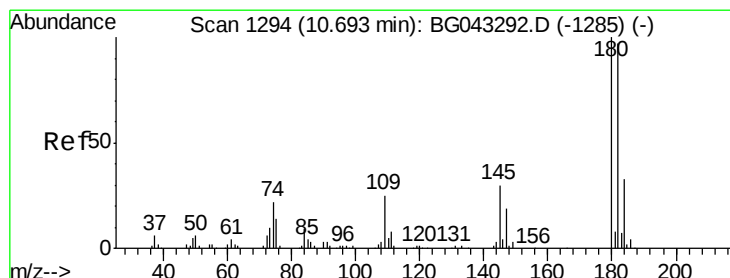
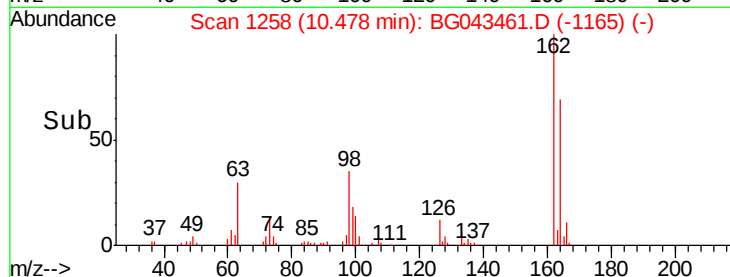
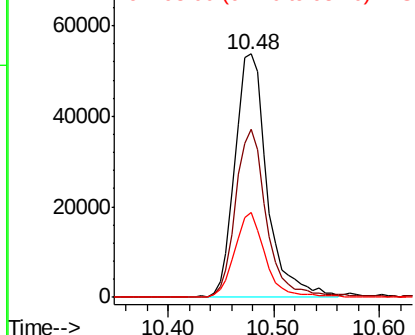
#29
 2,4-Dichlorophenol
 Concen: 39.507 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	45.4	85.4
98	34.9	10.1	50.1

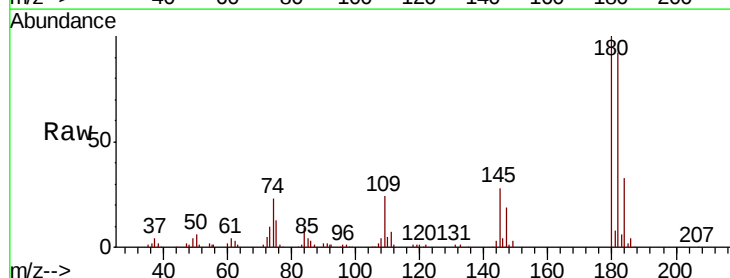


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

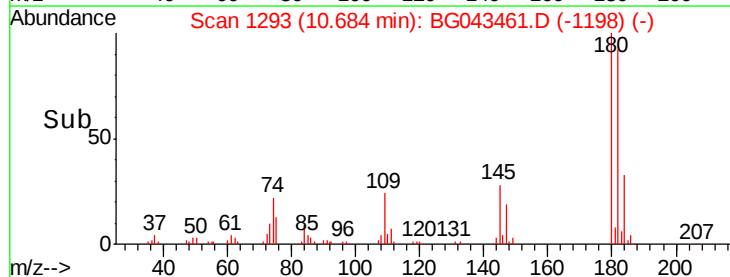
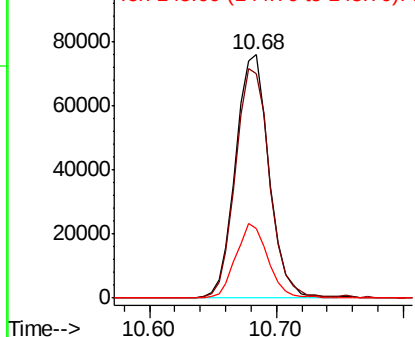


#30
 1,2,4-Trichlorobenzene
 Concen: 38.617 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. 0.03 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	74.5	111.7
145	28.3	21.4	32.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

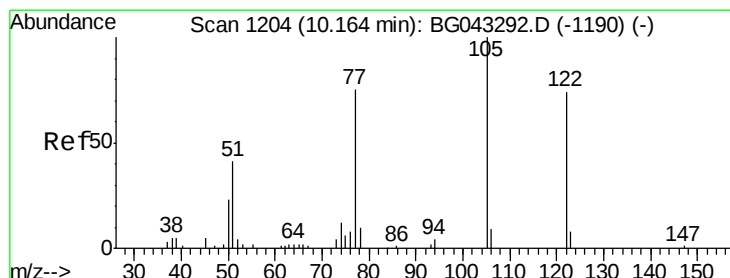
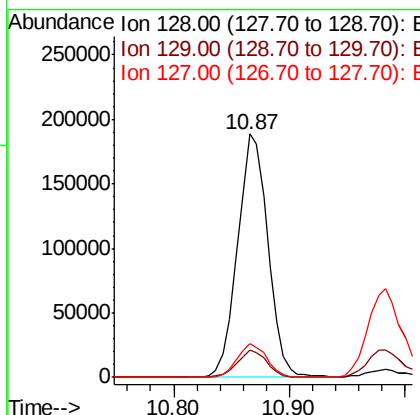
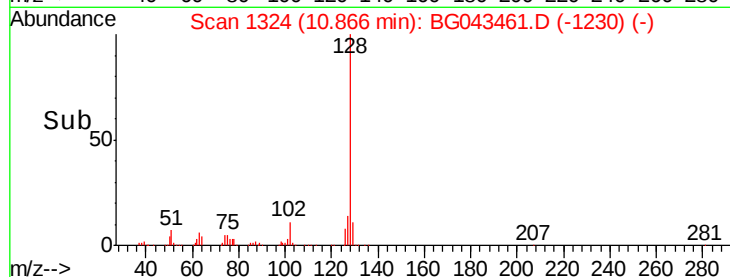
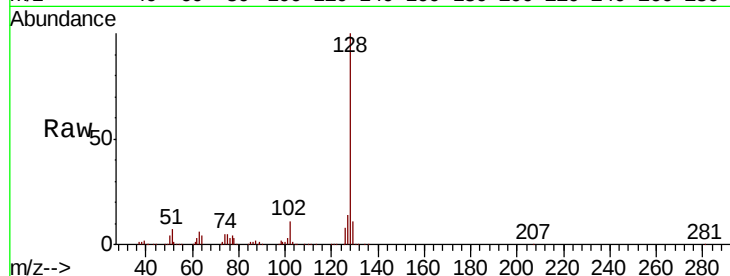




#31
Naphthalene
Concen: 38.874 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

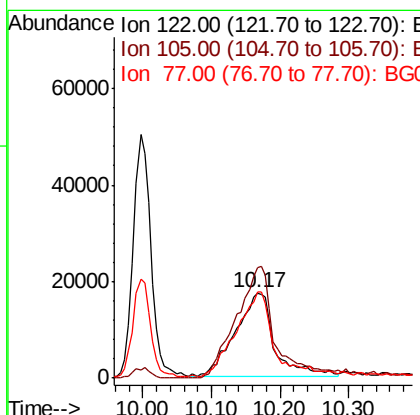
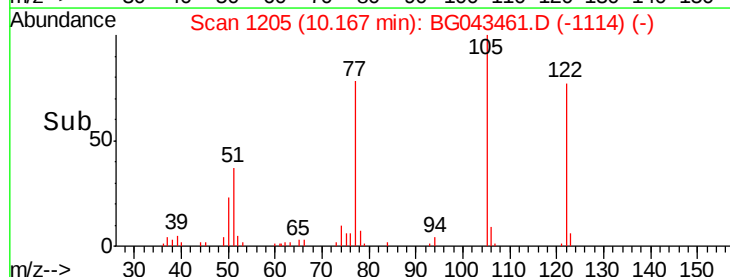
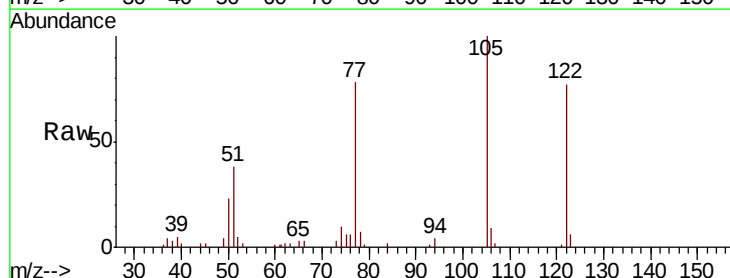
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 344536
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 14.0 11.0 16.4



#32
Benzoic acid
Concen: 41.353 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion:122 Resp: 67860
Ion Ratio Lower Upper
122 100
105 130.0 101.8 141.8
77 101.5 86.8 126.8

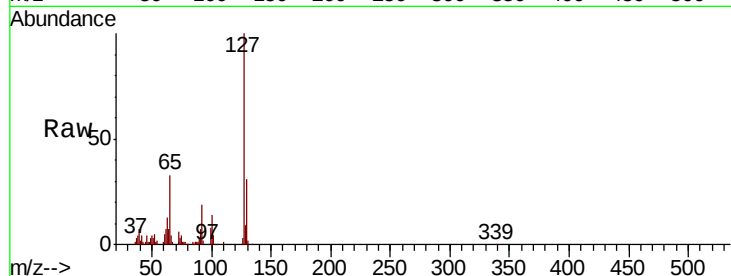




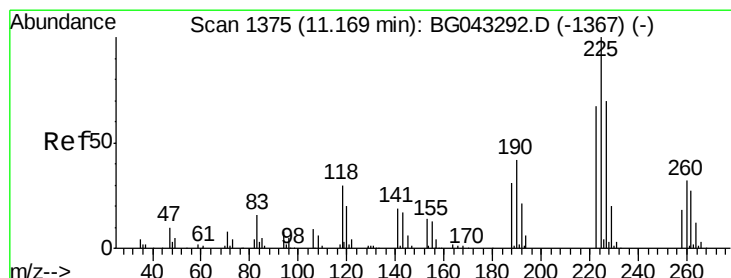
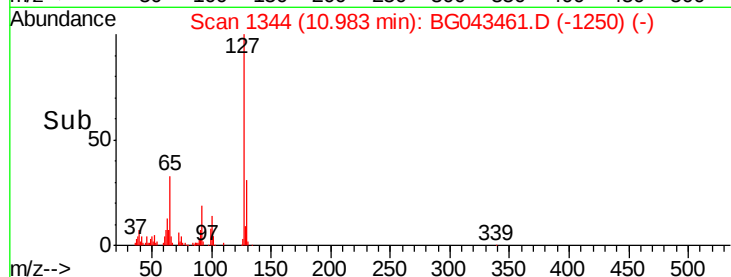
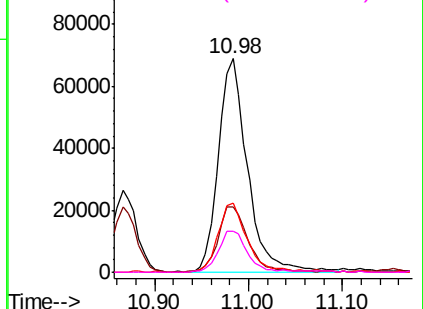
#33
4-Chloroaniline
Concen: 40.671 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	147757
Ion	Ratio	Lower	Upper
127	100		
129	30.7	28.0	42.0
65	32.5	28.3	42.5
92	19.3	16.5	24.7

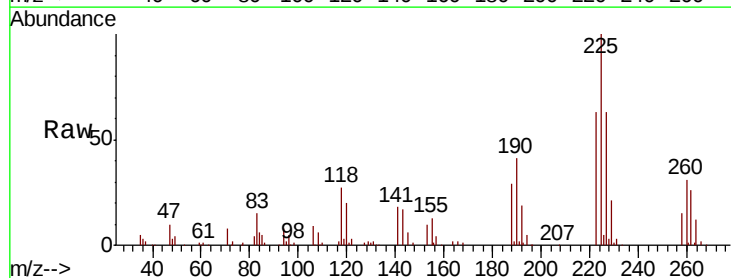


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

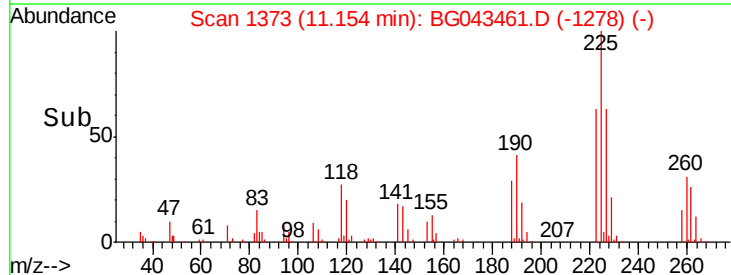
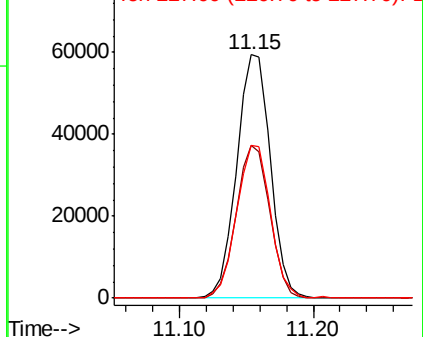


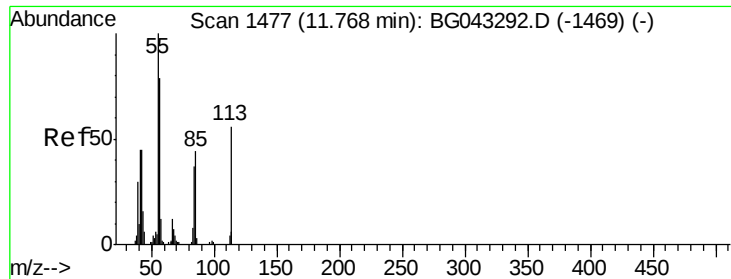
#34
Hexachlorobutadiene
Concen: 38.837 ng
RT: 11.15 min Scan# 1373
Delta R.T. 0.03 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion:	225	Resp:	103502
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.6	73.0
227	62.5	49.1	73.7



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: 40.426 ng

RT: 11.76 min Scan# 1476

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

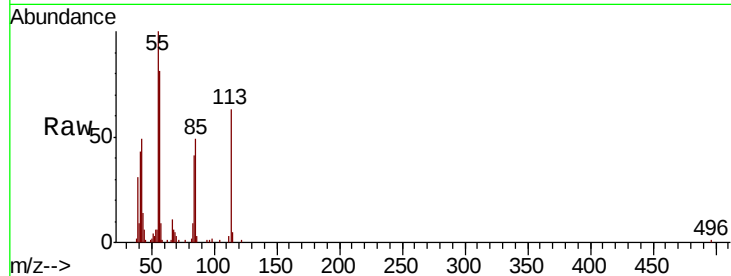
Tot Ion:113 Resp: 39825

Ion Ratio Lower Upper

113 100

55 158.6 154.4 194.4

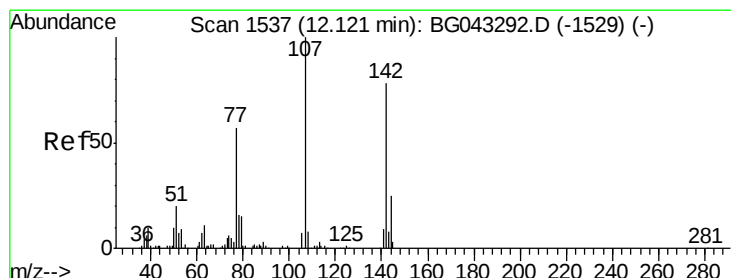
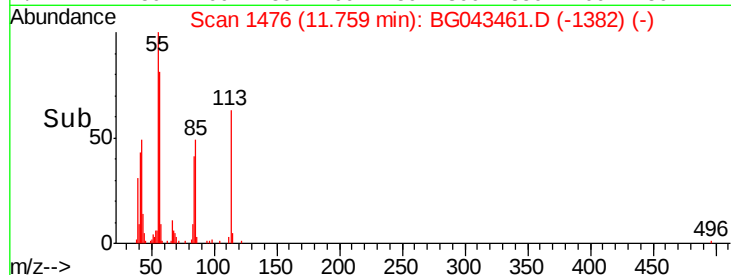
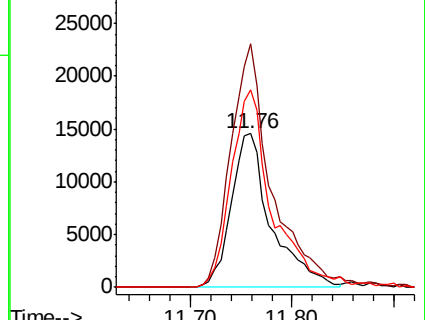
56 128.3 112.9 152.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.346 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

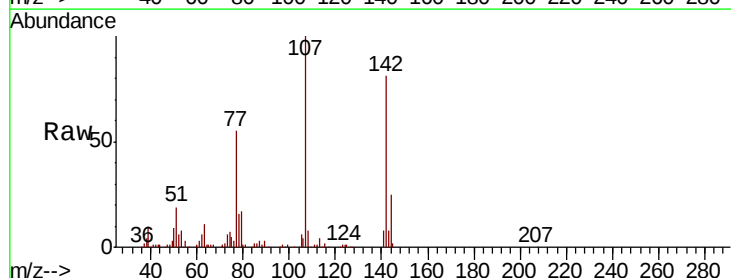
Tgt Ion:107 Resp: 122764

Ion Ratio Lower Upper

107 100

144 25.1 21.7 32.5

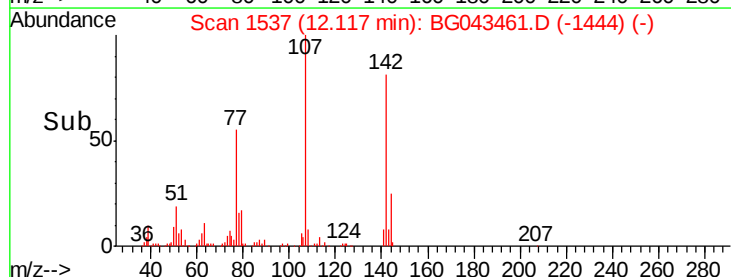
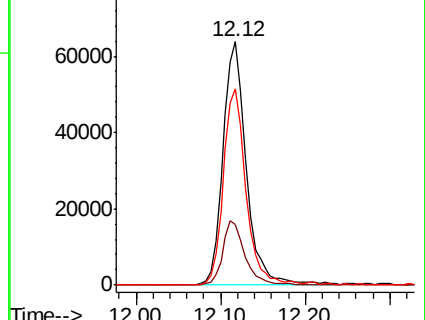
142 80.6 67.2 100.8



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

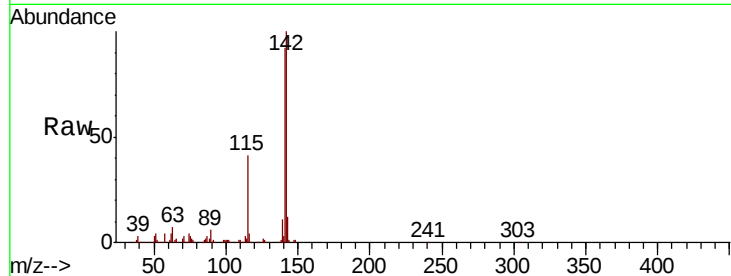




#37
 2-Methylnaphthalene
 Concen: 38.900 ng
 RT: 12.47 min Scan# 1597
 Delta R.T. 0.02 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.2	106.8
115	40.6	31.9	47.9

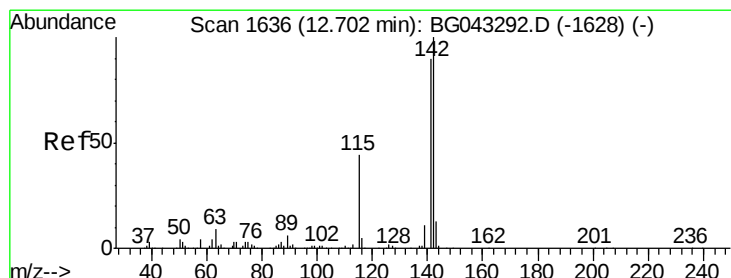
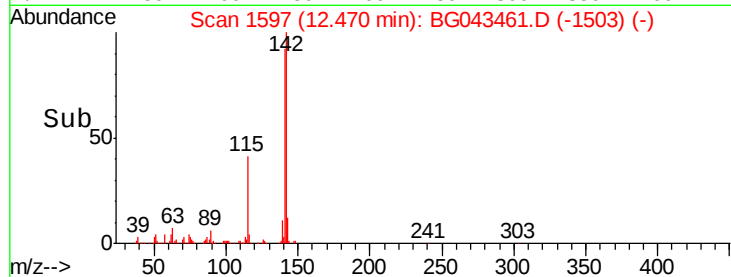
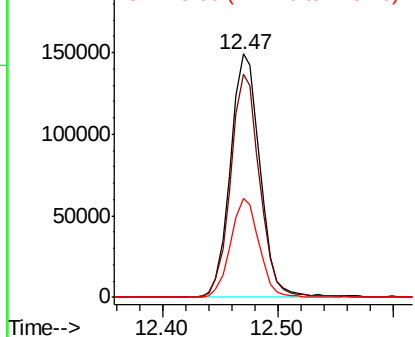


Abundance

Ion 142.00 (141.70 to 142.70): E

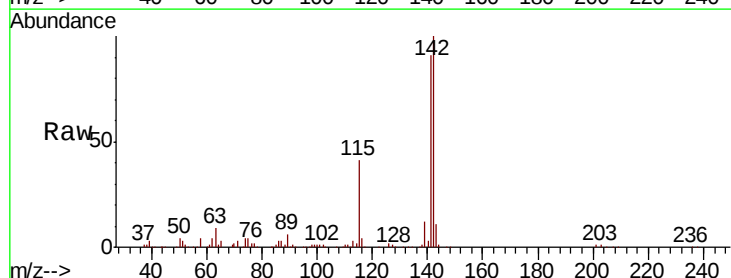
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 38.648 ng
 RT: 12.69 min Scan# 1635
 Delta R.T. 0.03 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.5	111.7
116	3.9	3.8	5.6

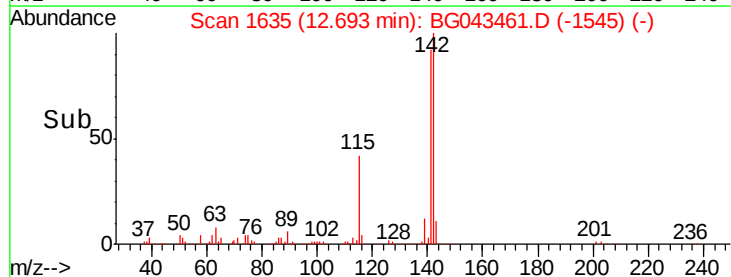
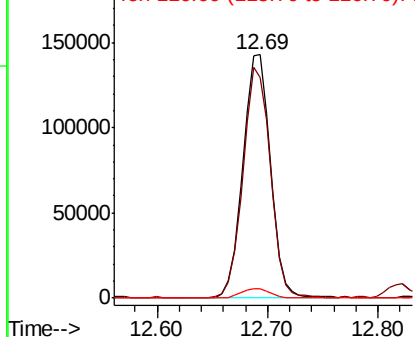


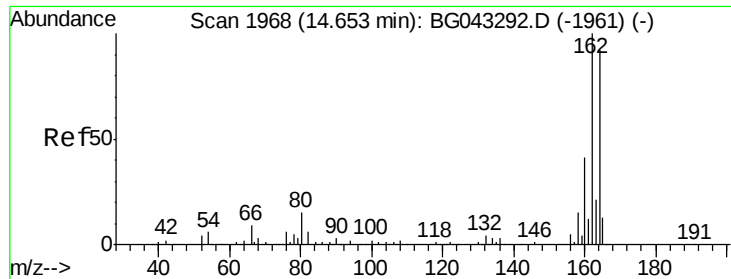
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1967

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

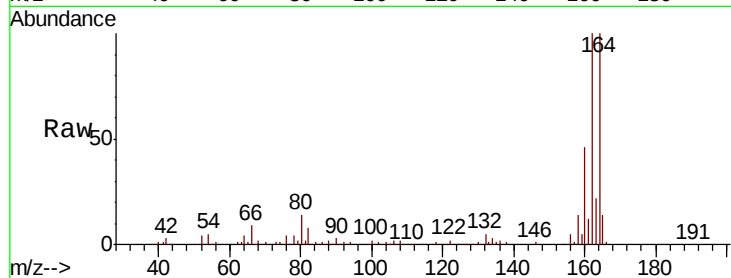
Tot Ion:164 Resp: 124537

Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.2

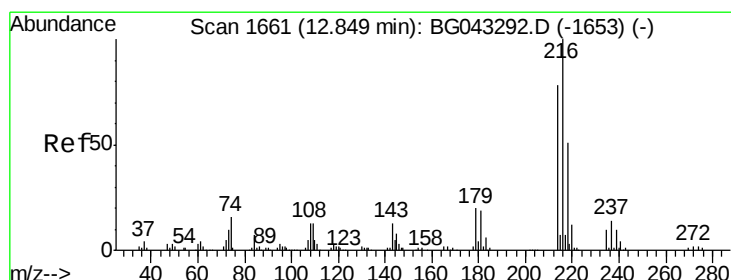
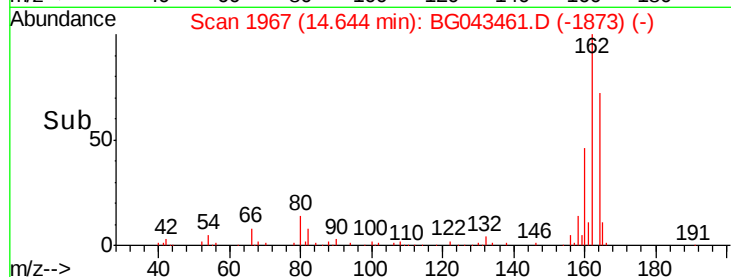
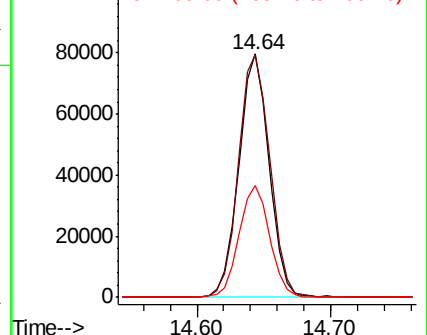
160 46.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.692 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Tgt Ion:216 Resp: 182938

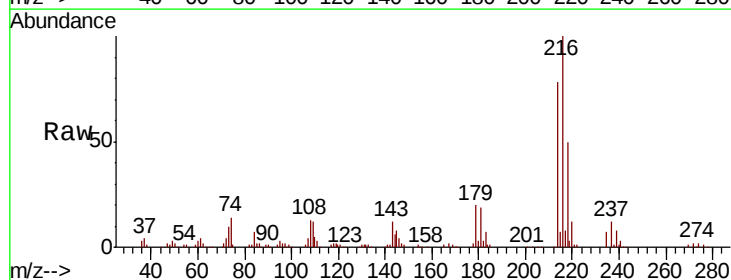
Ion Ratio Lower Upper

216 100

214 79.7 62.8 94.2

179 19.3 16.5 24.7

108 14.7 12.7 19.1

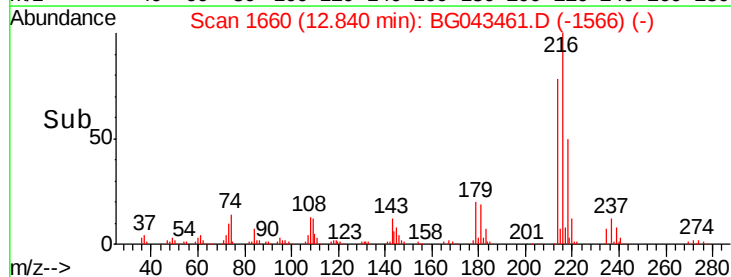
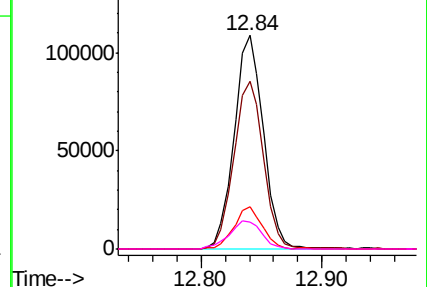


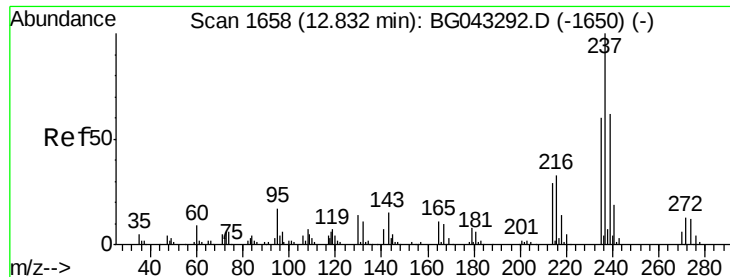
Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.516 ng

RT: 12.82 min Scan# 1657

Delta R.T. 0.03 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

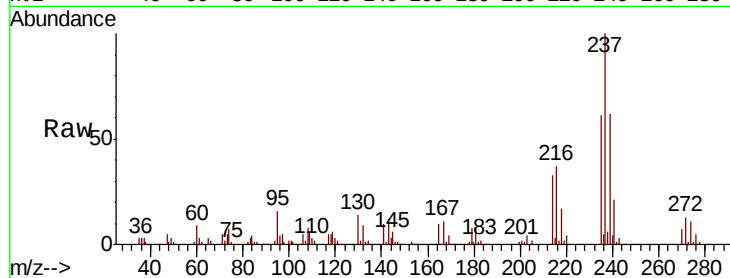
Tot Ion:237 Resp: 127146

Ion Ratio Lower Upper

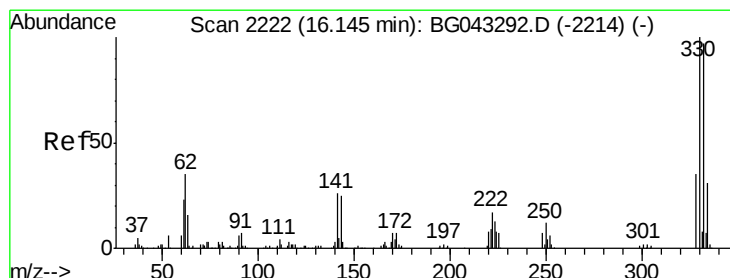
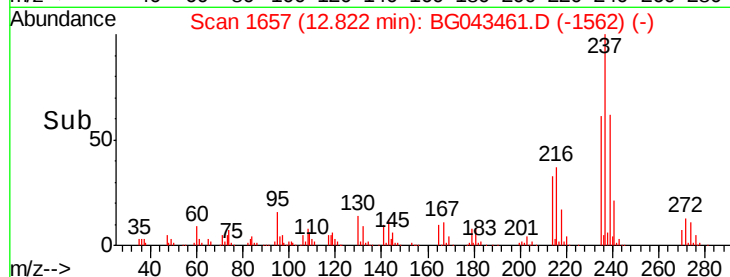
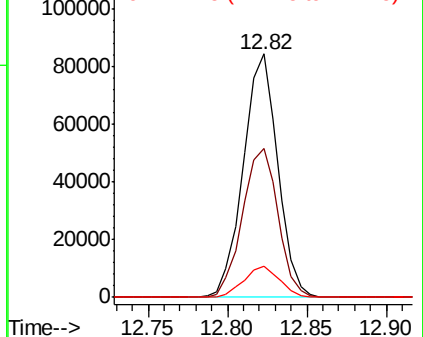
237 100

235 61.4 42.2 82.2

272 12.9 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.213 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

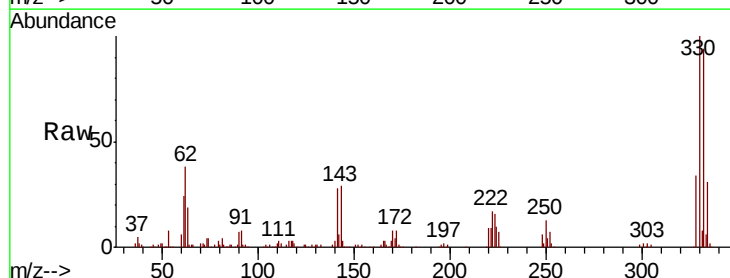
Tgt Ion:330 Resp: 190101

Ion Ratio Lower Upper

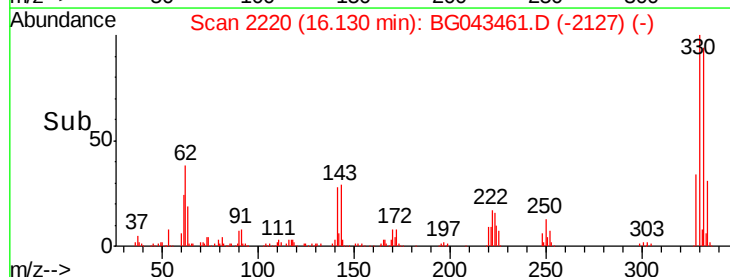
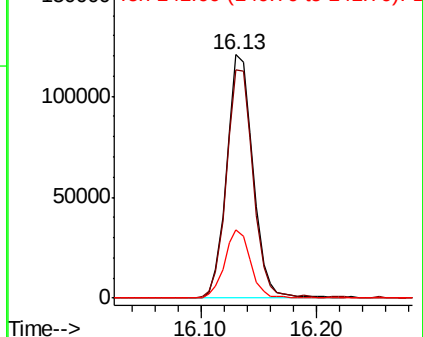
330 100

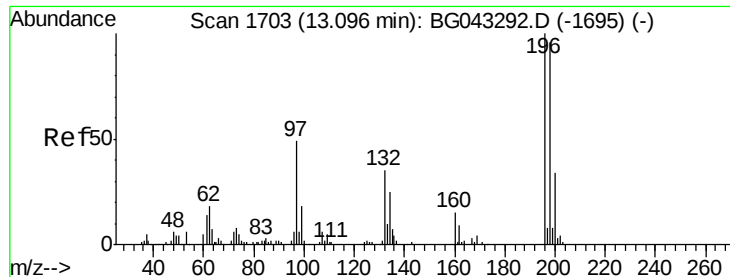
332 95.3 76.6 115.0

141 27.6 23.4 35.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

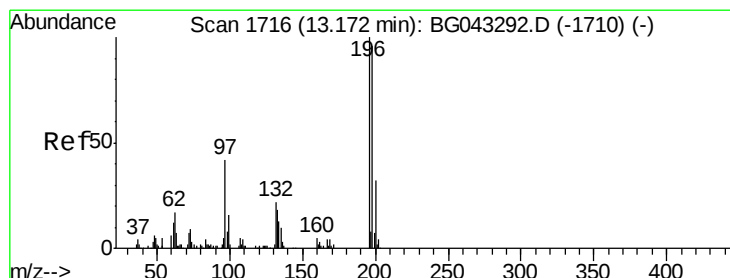
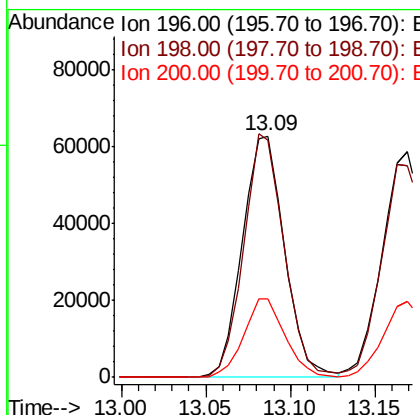
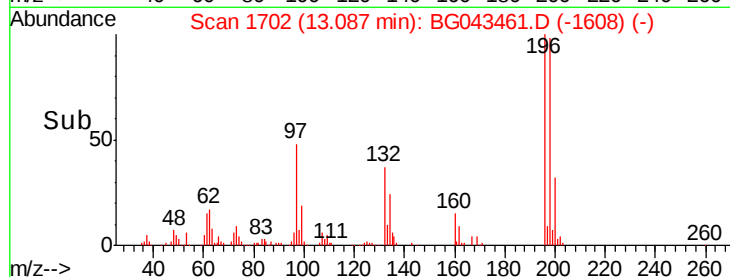
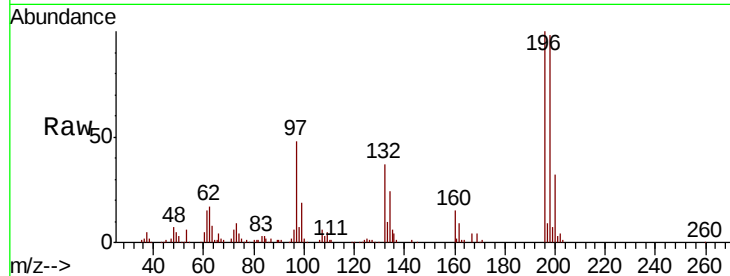




#43
 2,4,6-Trichlorophenol
 Concen: 40.181 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.02 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

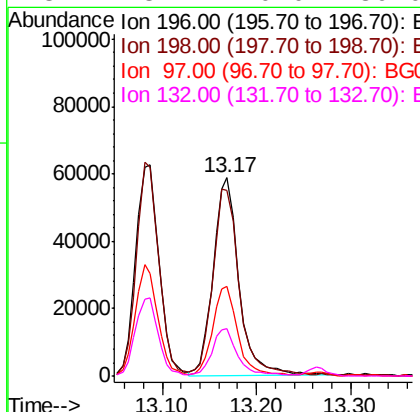
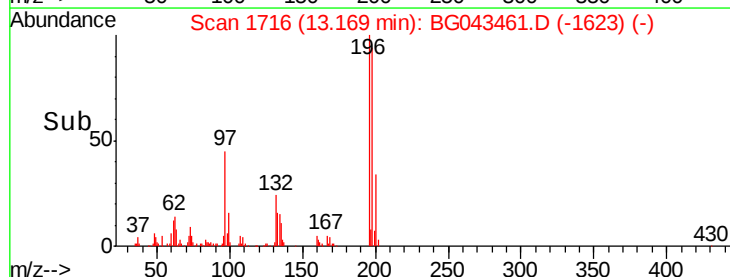
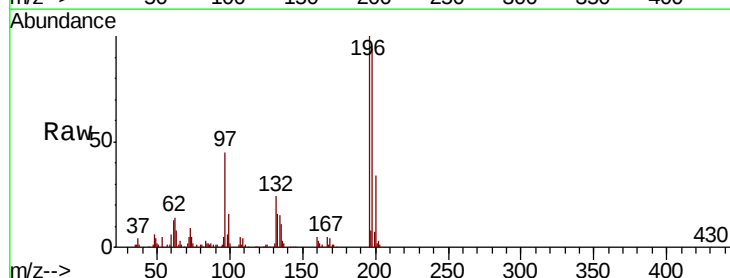
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

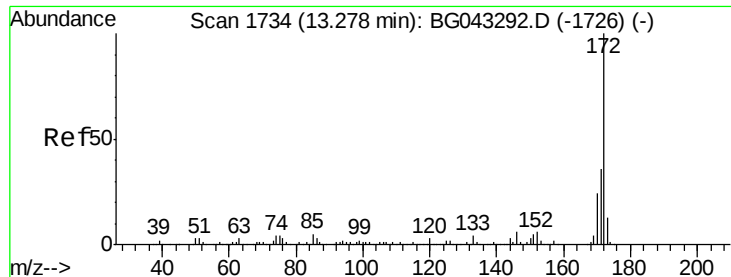
Tot Ion:196 Resp: 109060
 Ion Ratio Lower Upper
 196 100
 198 98.4 81.3 121.9
 200 32.3 28.2 42.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.181 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion:196 Resp: 113002
 Ion Ratio Lower Upper
 196 100
 198 93.9 77.4 116.2
 97 45.0 35.9 53.9
 132 23.7 20.0 30.0

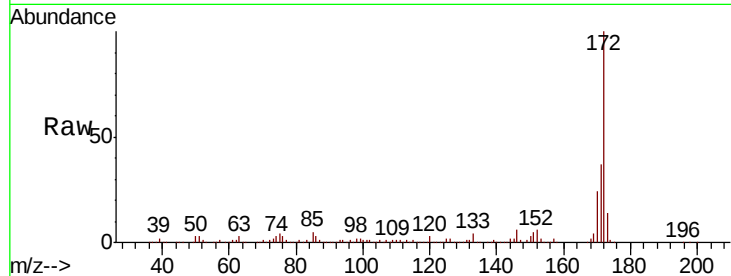




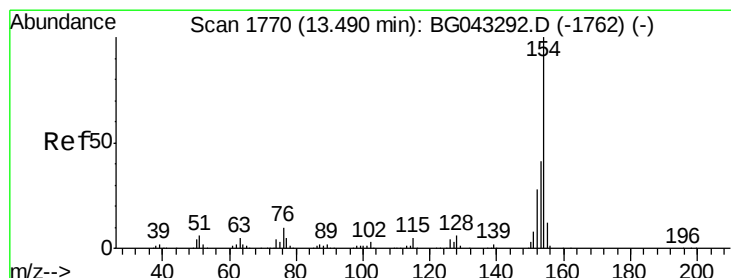
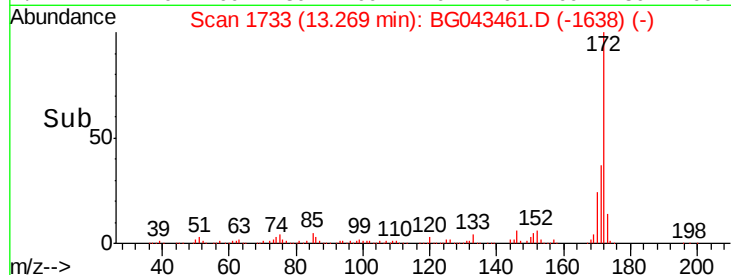
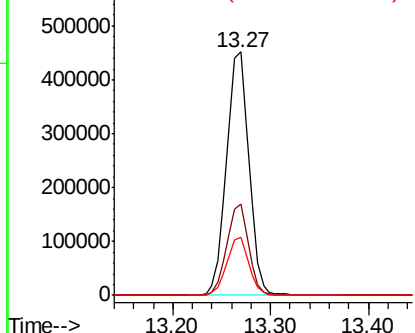
#45
 2-Fluorobiphenyl
 Concen: 80.389 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. 0.03 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 724516
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.1 42.1
 170 23.6 18.8 28.2

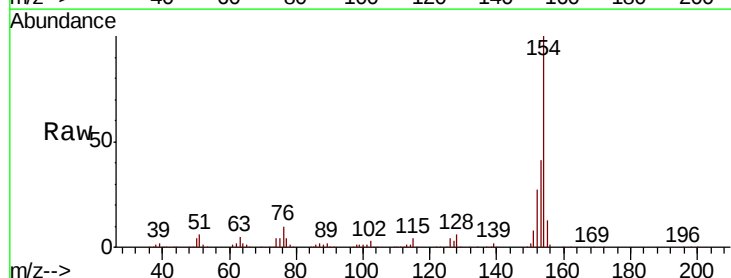


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

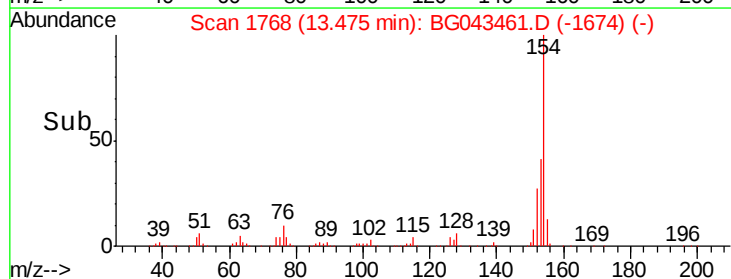
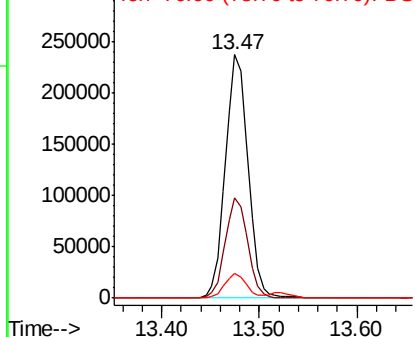


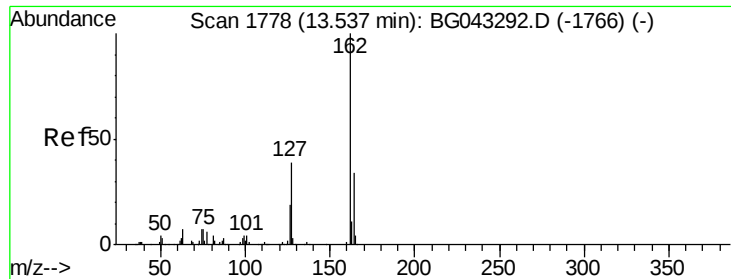
#46
 1,1'-Biphenyl
 Concen: 40.598 ng
 RT: 13.47 min Scan# 1768
 Delta R.T. 0.02 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion:154 Resp: 384628
 Ion Ratio Lower Upper
 154 100
 153 41.0 22.6 62.6
 76 10.4 0.0 29.1



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

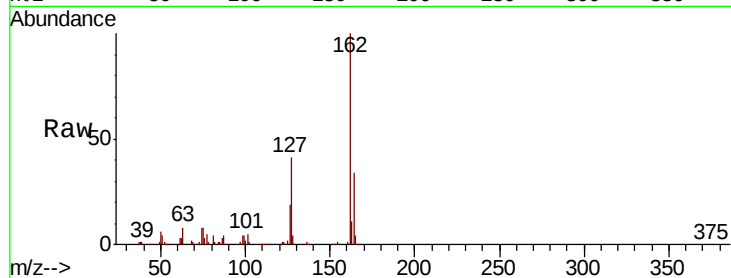




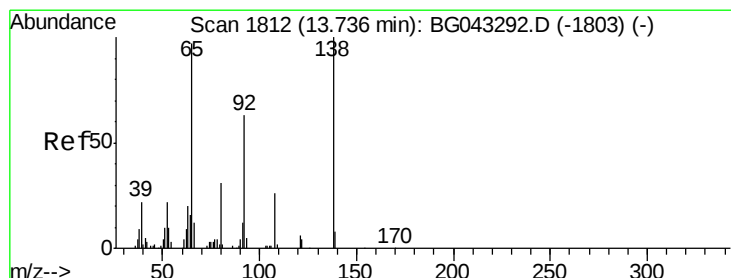
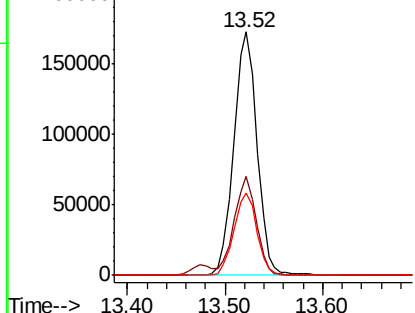
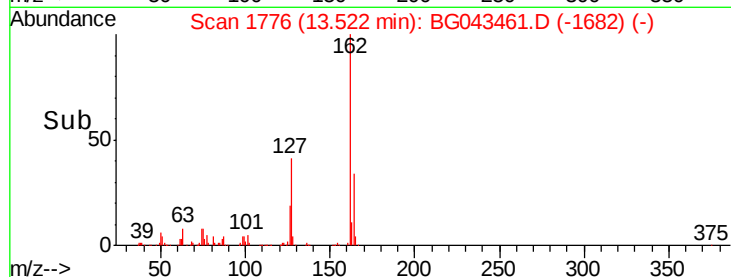
#47
 2-Chloronaphthalene
 Concen: 39.572 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. 0.02 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.8	49.2
164	34.0	27.8	41.8

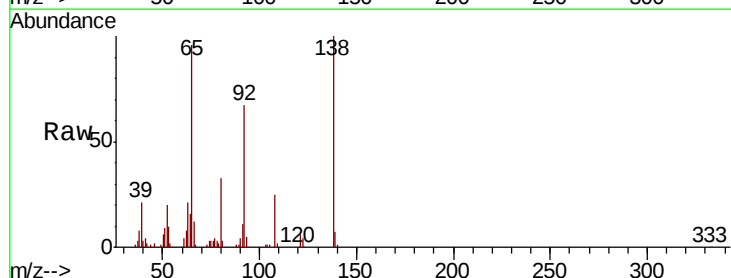


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

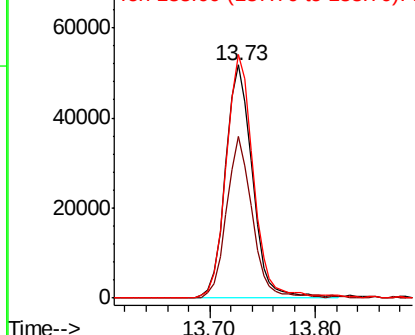
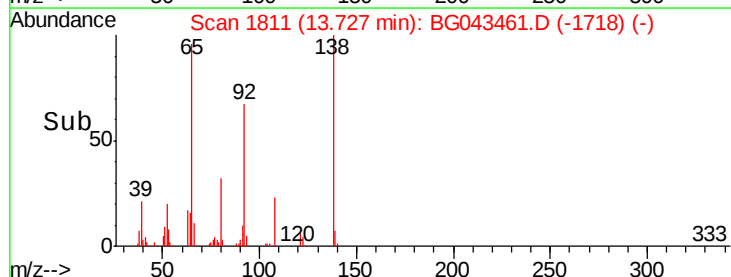


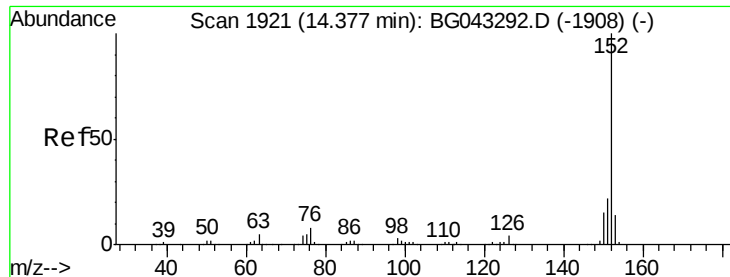
#48
 2-Nitroaniline
 Concen: 42.537 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	54.9	82.3
138	104.5	85.0	127.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.467 ng

RT: 14.37 min Scan# 1920

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

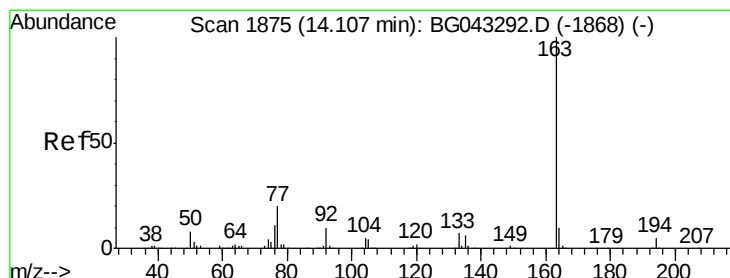
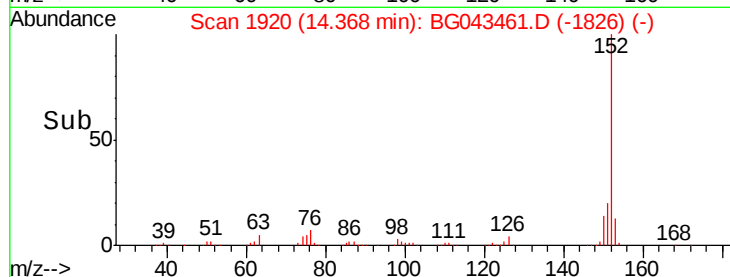
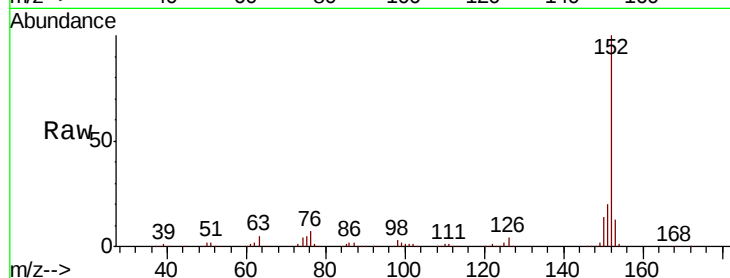
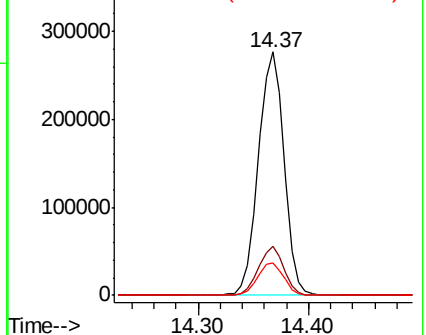
Tot Ion:152 Resp: 454004

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.3	11.0	16.4

Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.004 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

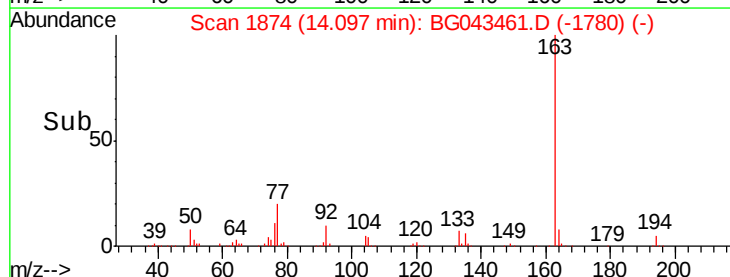
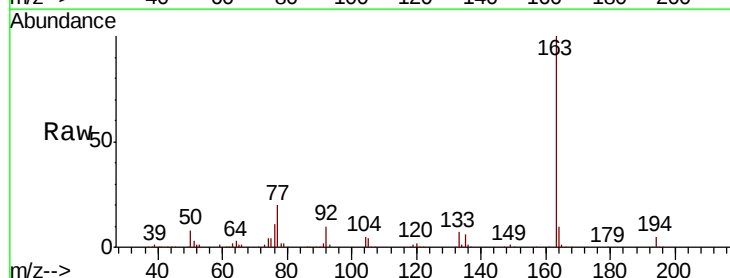
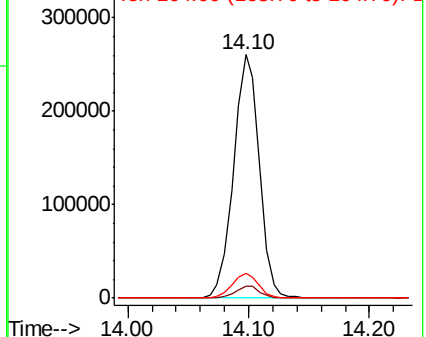
Tgt Ion:163 Resp: 385885

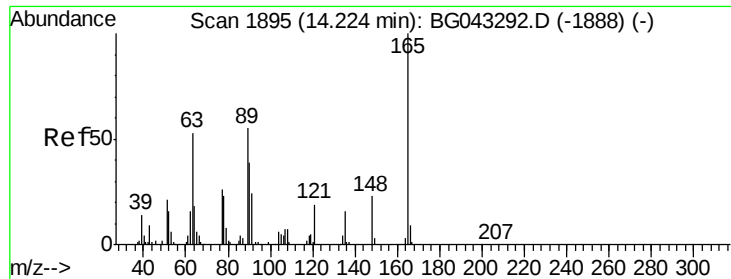
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.8
164	10.3	8.5	12.7

Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

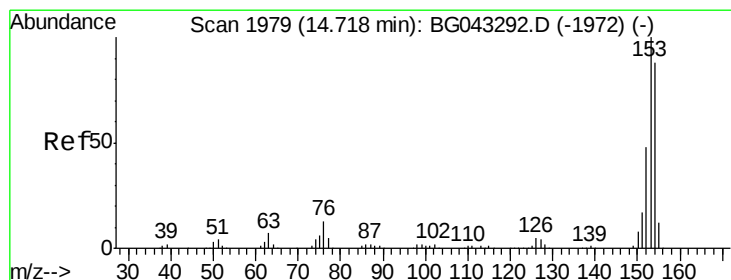
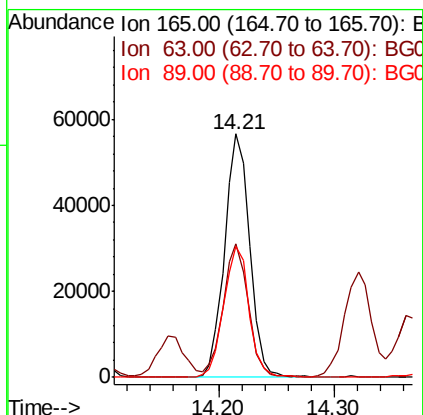
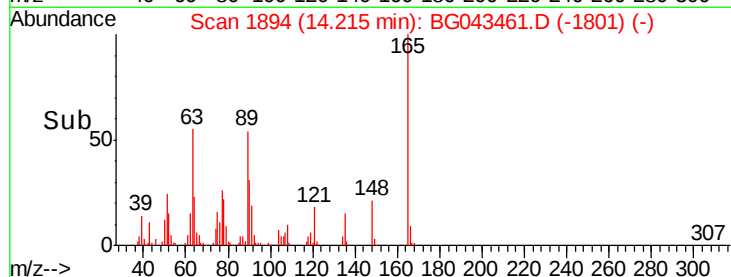
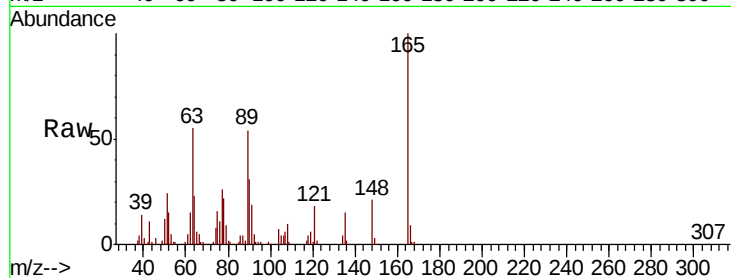




#51
2,6-Dinitrotoluene
Concen: 40.618 ng
RT: 14.21 min Scan# 1894
Delta R.T. 0.01 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

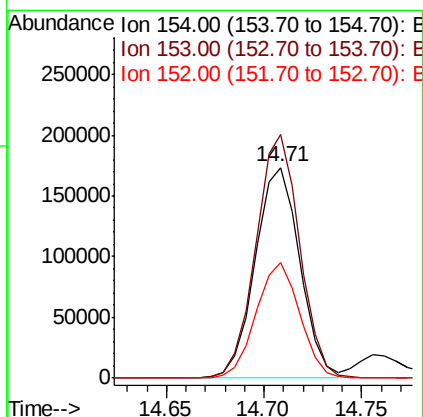
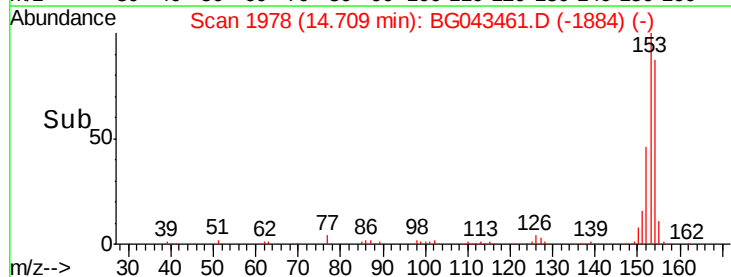
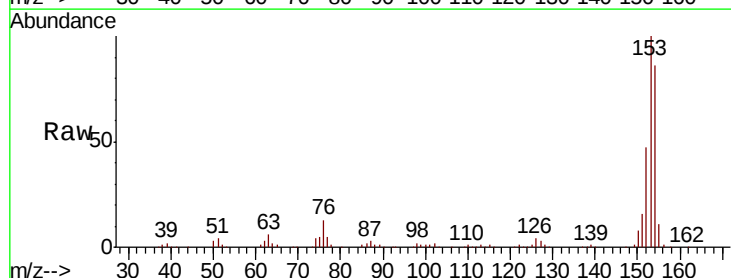
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

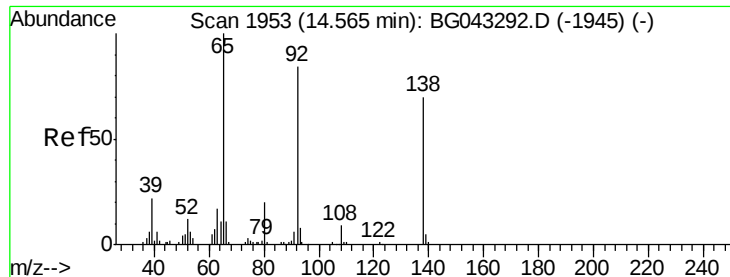
Tot Ion:165 Resp: 85120
Ion Ratio Lower Upper
165 100
63 54.6 45.0 67.6
89 53.6 39.8 59.8



#52
Acenaphthene
Concen: 40.046 ng
RT: 14.71 min Scan# 1978
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion:154 Resp: 273988
Ion Ratio Lower Upper
154 100
153 115.7 89.2 133.8
152 54.7 41.4 62.0

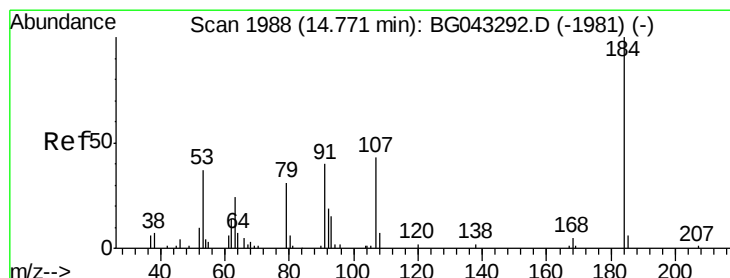
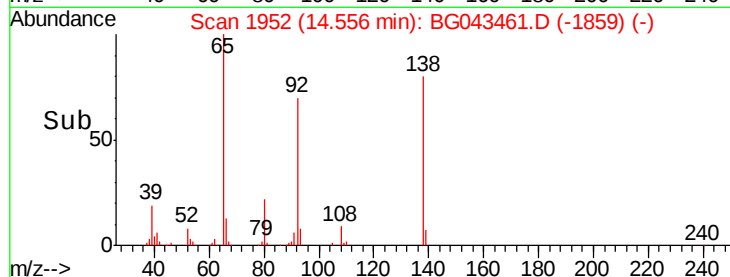
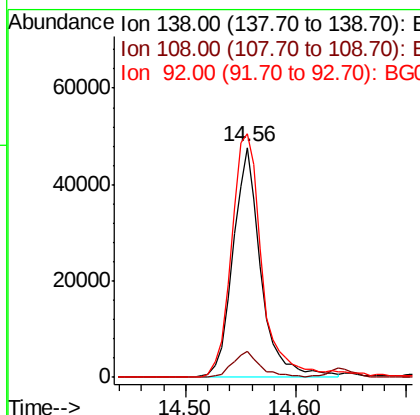
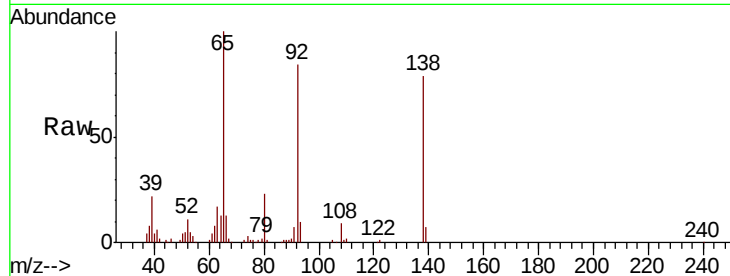




#53
3-Nitroaniline
Concen: 41.778 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

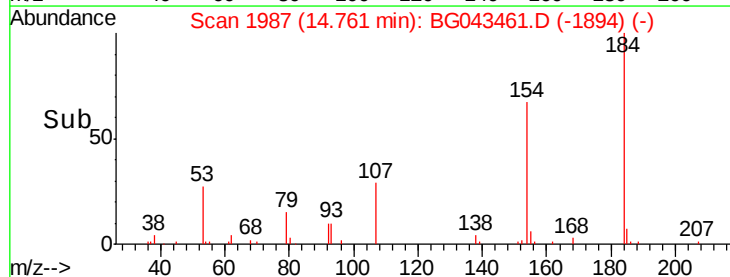
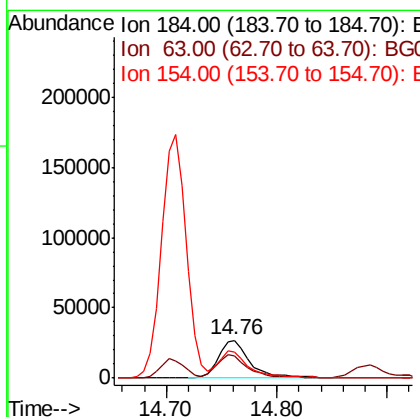
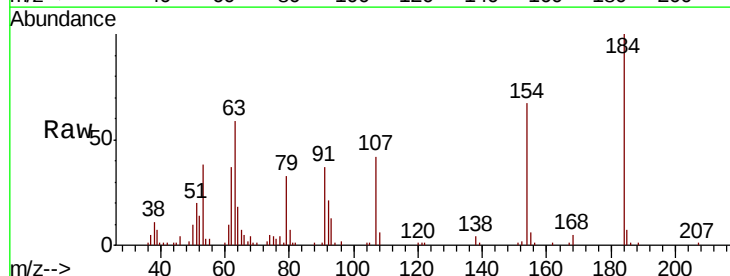
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

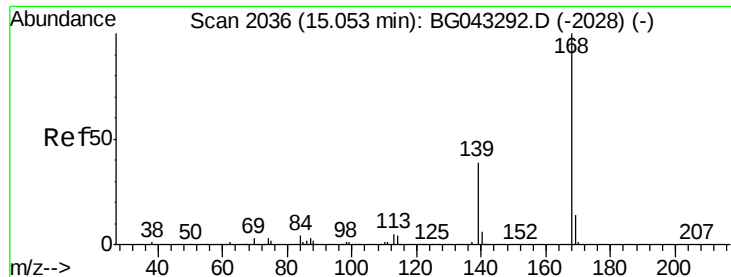
Tot Ion:138 Resp: 84529
Ion Ratio Lower Upper
138 100
108 11.2 9.8 14.8
92 105.8 88.1 132.1



#54
2,4-Dinitrophenol
Concen: 44.688 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion:184 Resp: 53851
Ion Ratio Lower Upper
184 100
63 58.5 59.0 88.4#
154 67.5 57.4 86.2





#55

Dibenzenofuran

Concen: 40.013 ng

RT: 15.04 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

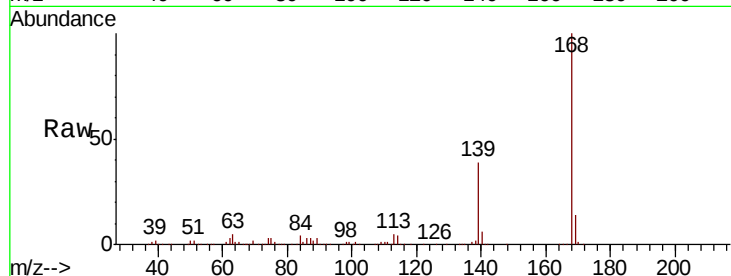
Tot Ion:168 Resp: 443944

Ion Ratio Lower Upper

168 100

139 39.4 32.7 49.1

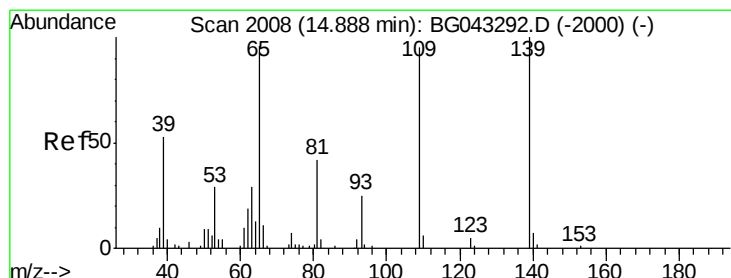
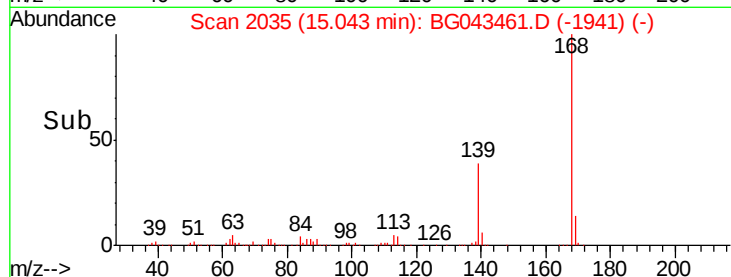
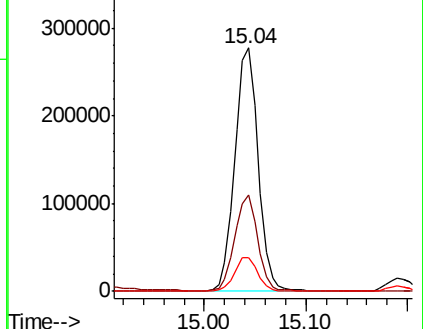
169 13.8 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 43.626 ng

RT: 14.88 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

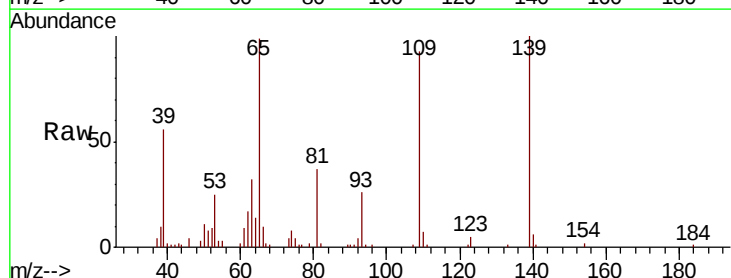
Tgt Ion:139 Resp: 59151

Ion Ratio Lower Upper

139 100

109 92.9 64.0 104.0

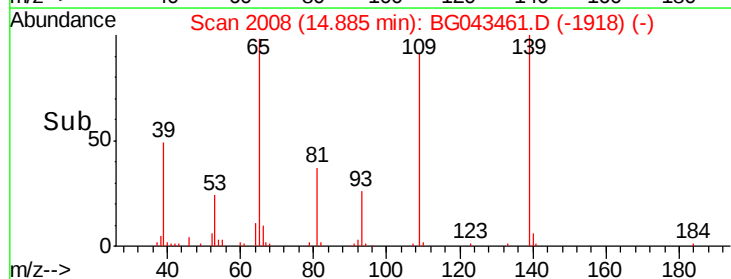
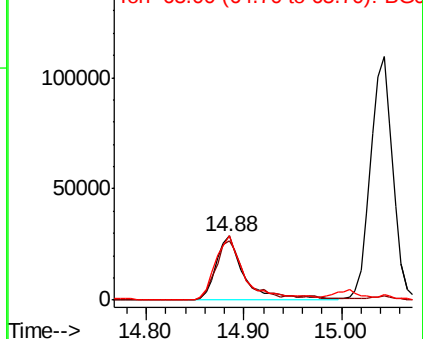
65 99.2 75.6 115.6

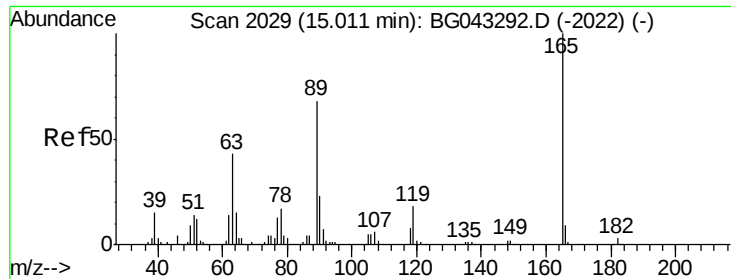


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

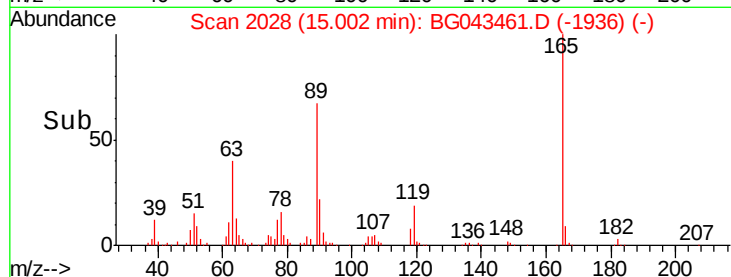
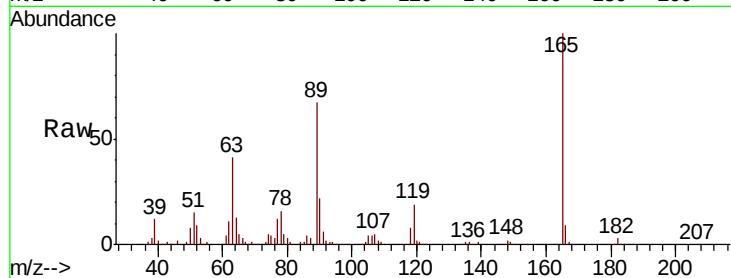




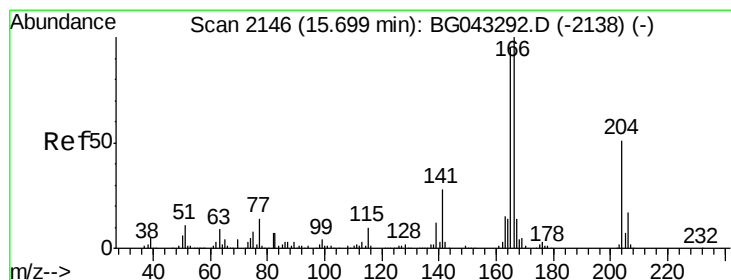
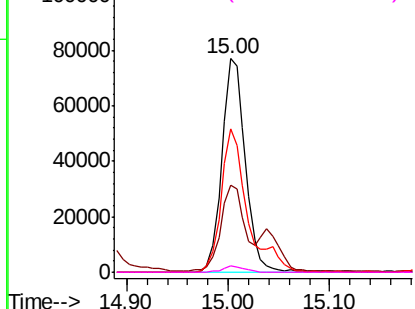
#57
2,4-Dinitrotoluene
Concen: 41.227 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 123470
Ion Ratio Lower Upper
165 100
63 40.7 37.4 56.0
89 67.3 50.9 76.3
182 3.1 2.3 3.5

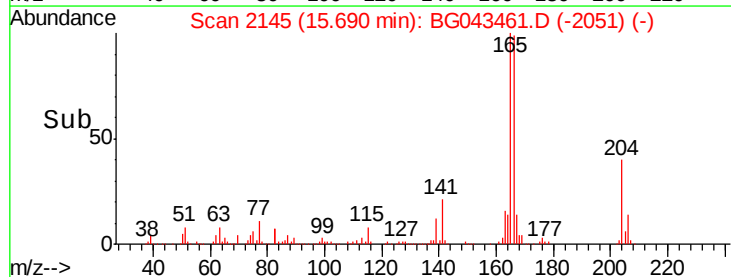
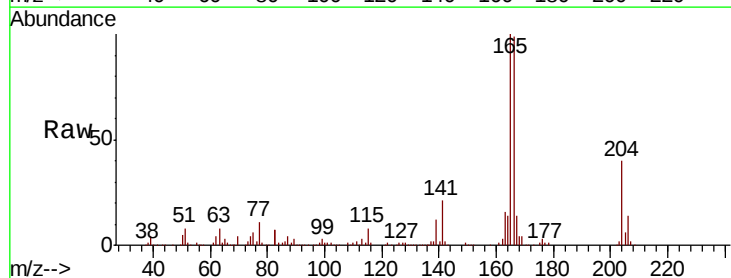


Abundance Ion 165.00 (164.70 to 165.70): E
120000
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

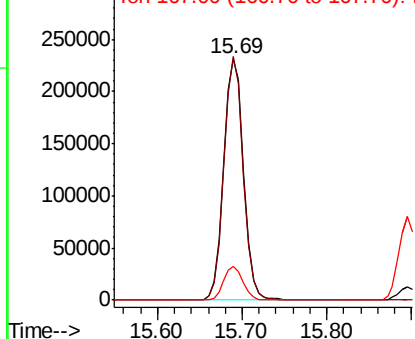


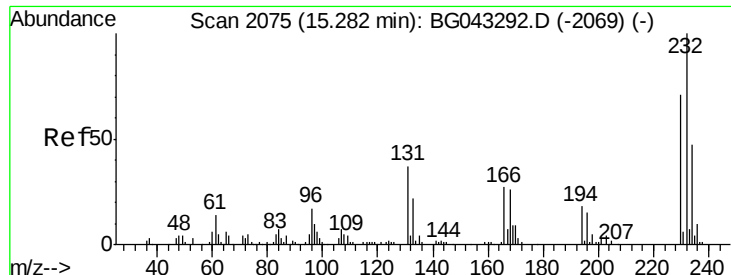
#58
Fluorene
Concen: 40.150 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion:166 Resp: 373618
Ion Ratio Lower Upper
166 100
165 100.8 78.4 117.6
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
300000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.634 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.07 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 115551

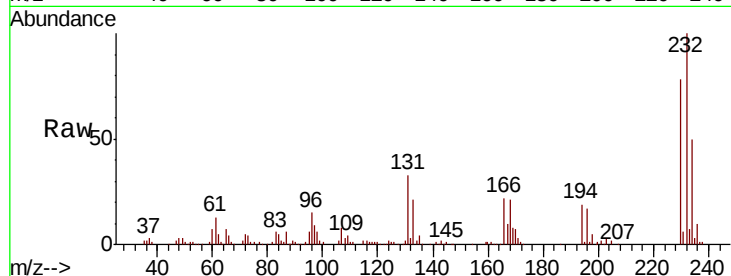
Ion Ratio Lower Upper

232 100

131 32.9 29.6 44.4

130 1.8 1.4 2.0

166 21.6 21.2 31.8

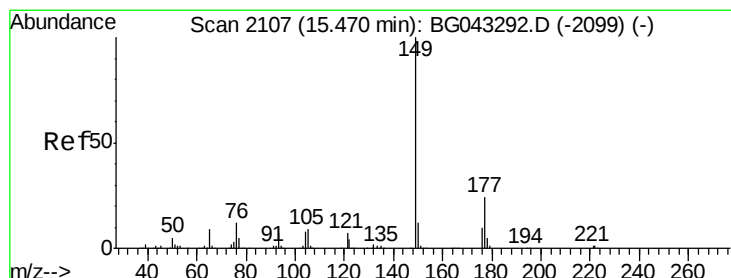
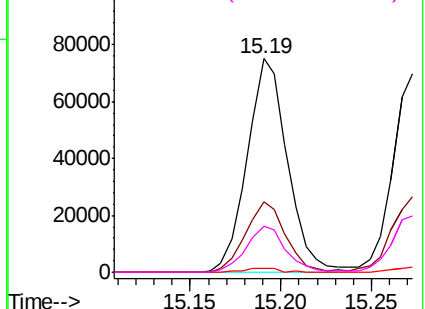
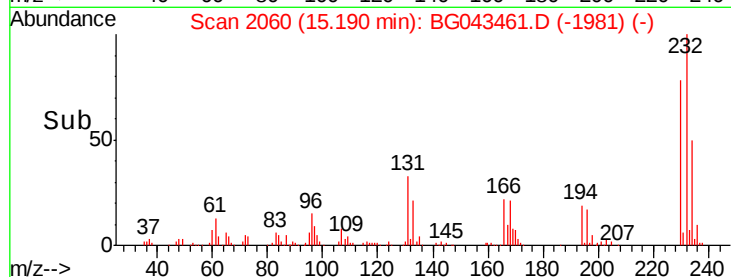


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.935 ng

RT: 15.45 min Scan# 2105

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

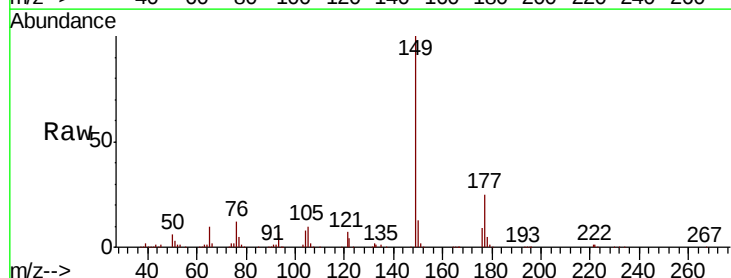
Tgt Ion:149 Resp: 377373

Ion Ratio Lower Upper

149 100

177 25.3 19.3 28.9

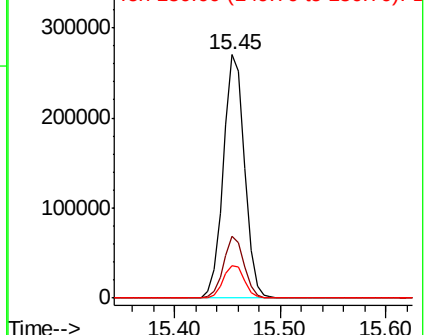
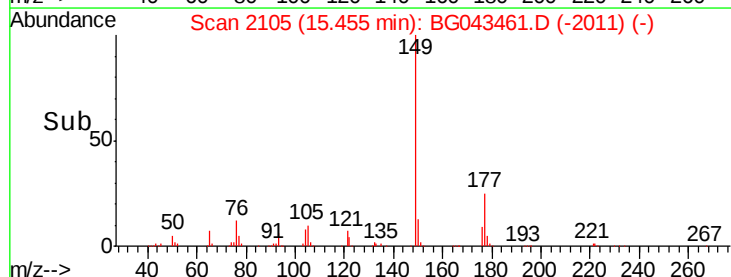
150 13.5 10.5 15.7

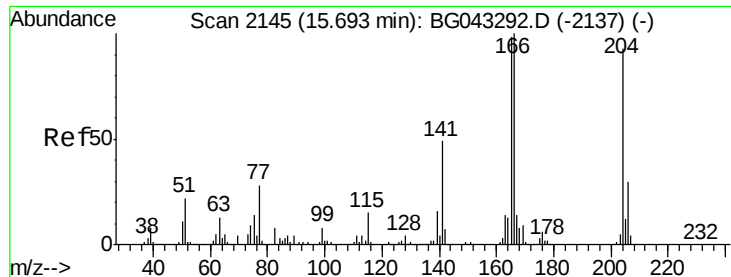


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

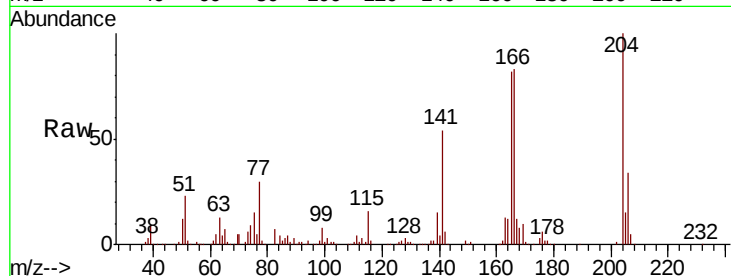




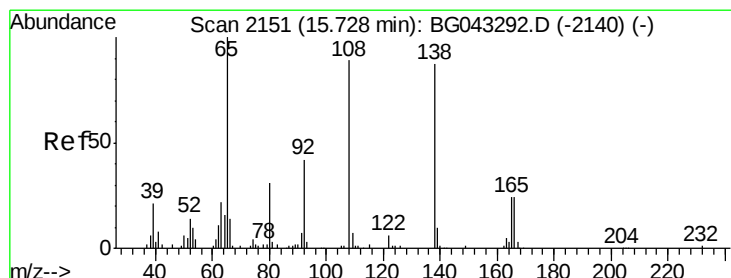
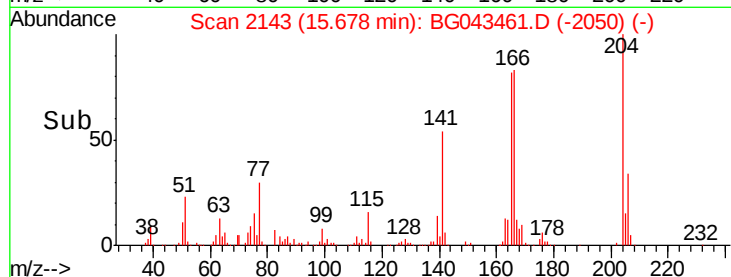
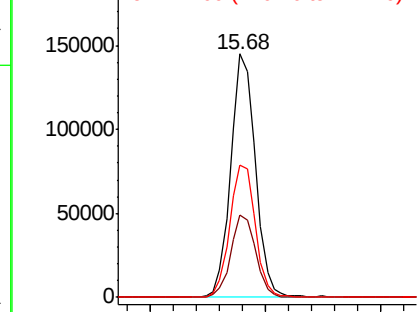
#61
 4-Chlorophenyl-phenylether
 Concen: 39.580 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	214864
Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.2	42.4
141	54.2	44.5	66.7

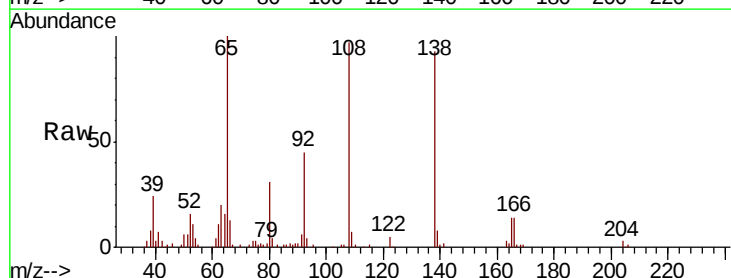


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

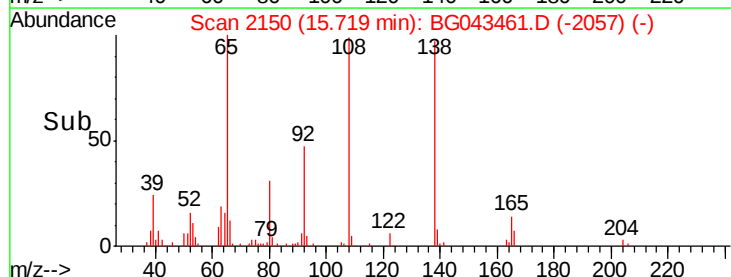
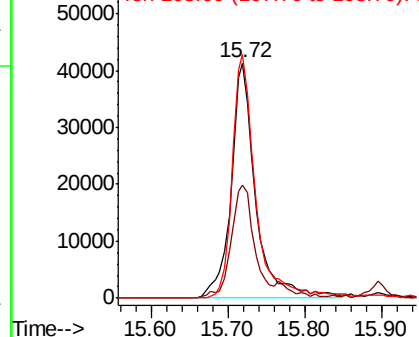


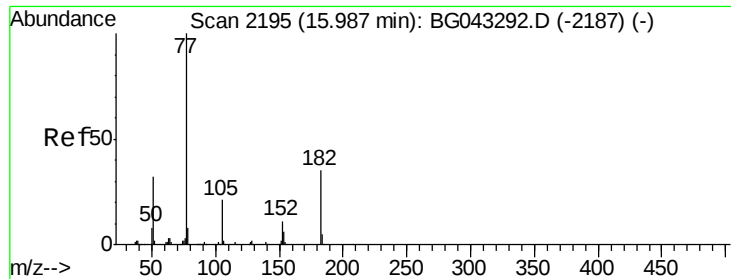
#62
 4-Nitroaniline
 Concen: 43.911 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion:	138	Resp:	91755
Ion	Ratio	Lower	Upper
138	100		
92	48.3	31.0	71.0
108	103.7	85.0	125.0



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

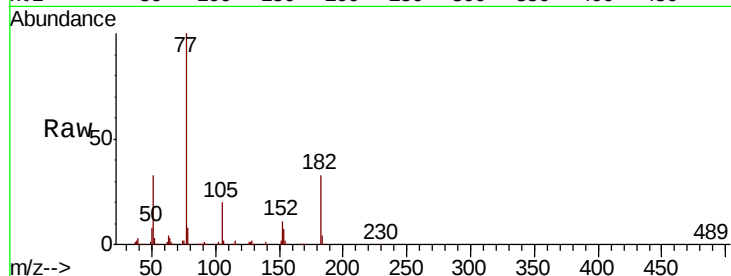




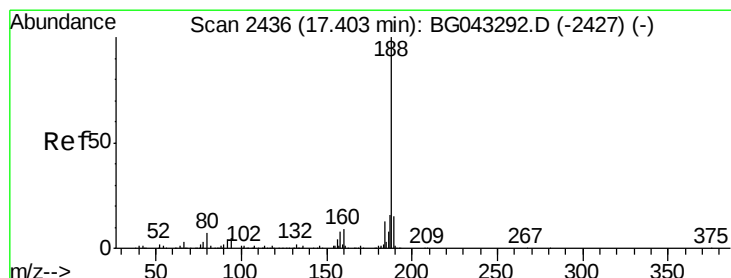
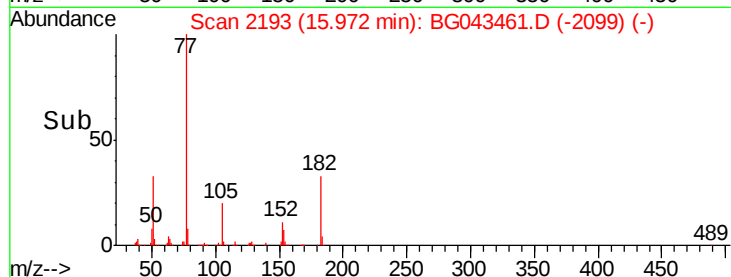
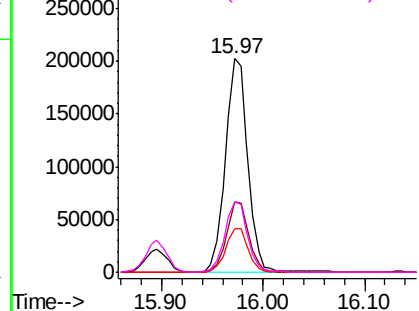
#63
Azobenzene
Concen: 39.344 ng
RT: 15.97 min Scan# 2193
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	308627
Ion	Ratio	Lower	Upper
77	100		
182	33.1	11.2	51.2
105	20.3	1.5	41.5
51	33.2	14.7	54.7

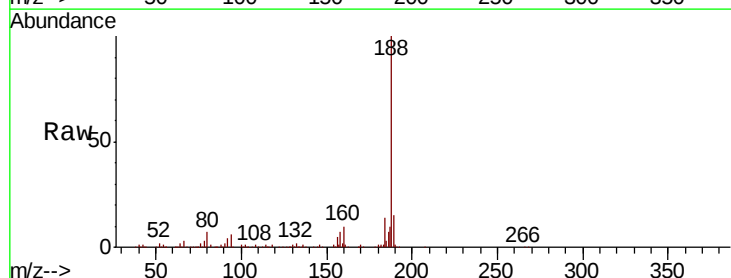


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

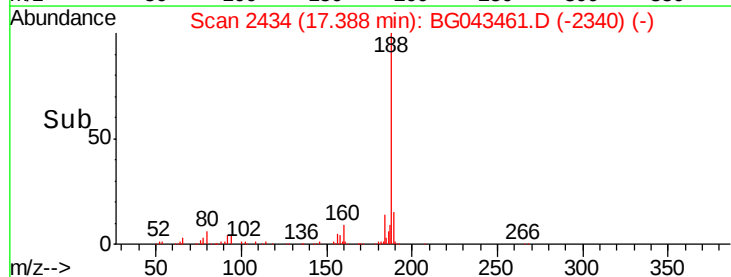
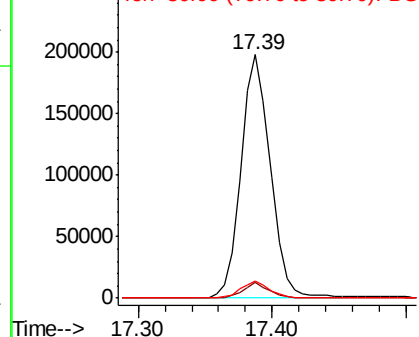


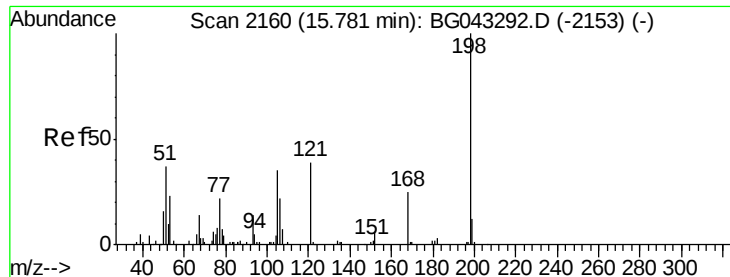
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion:	188	Resp:	300391
Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.6	7.0
80	6.8	5.2	7.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.421 ng

RT: 15.77 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

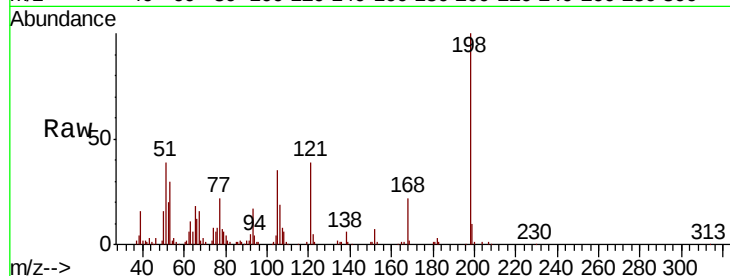
Tot Ion:198 Resp: 71457

Ion Ratio Lower Upper

198 100

51 38.6 17.3 57.3

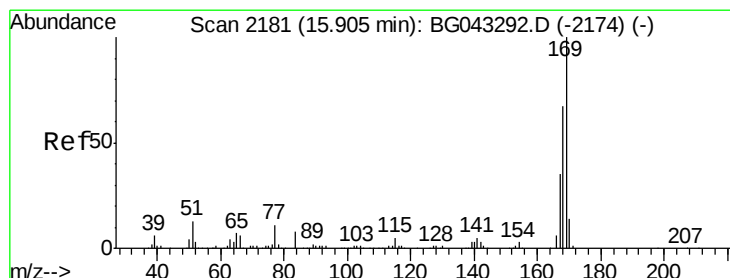
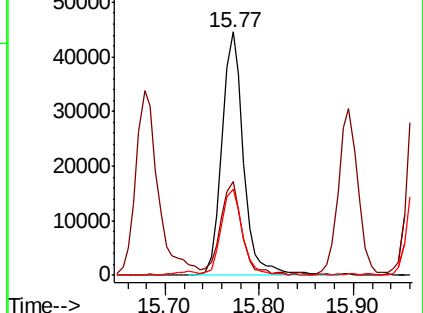
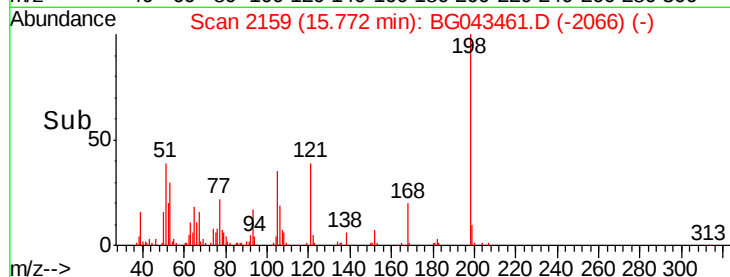
105 35.4 13.9 53.9



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: 38.681 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

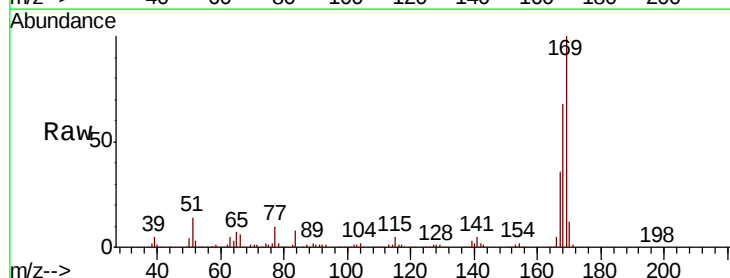
Tgt Ion:169 Resp: 328044

Ion Ratio Lower Upper

169 100

168 67.7 56.2 84.4

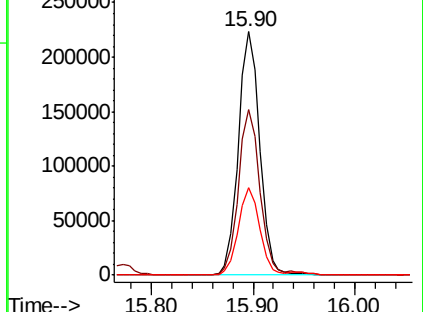
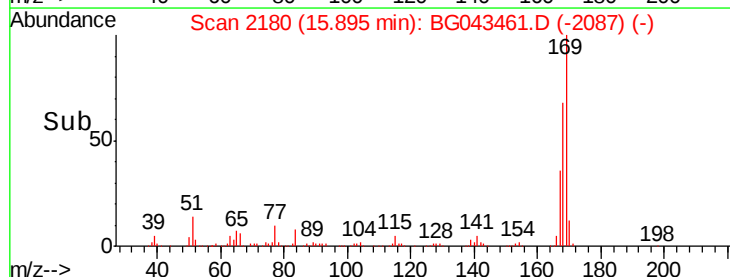
167 36.1 29.8 44.8



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

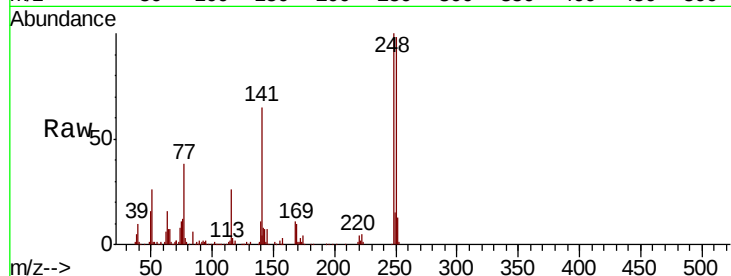




#67
4-Bromophenyl-phenylether
Concen: 37.913 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.3	114.5
141	64.9	49.5	74.3

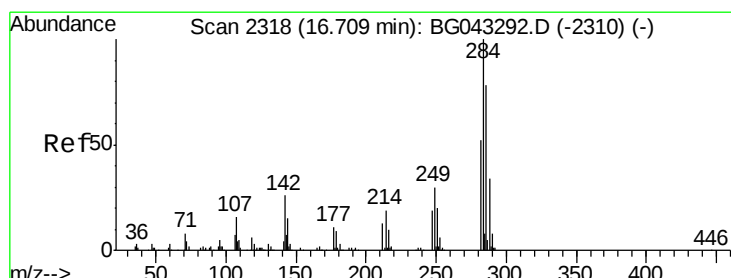
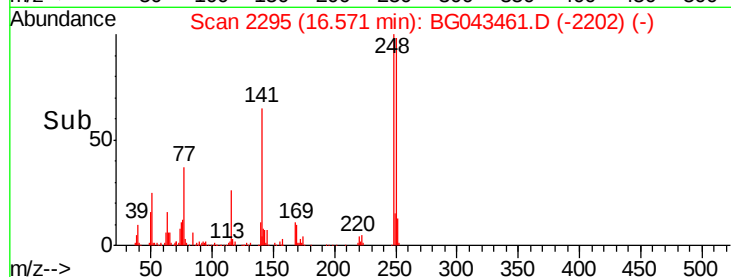
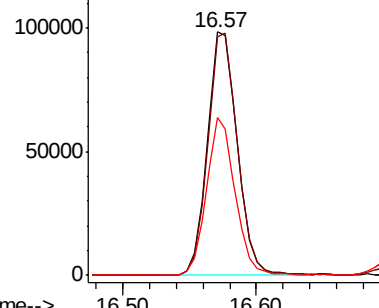


Abundance

Ion 248.00 (247.70 to 248.70): E

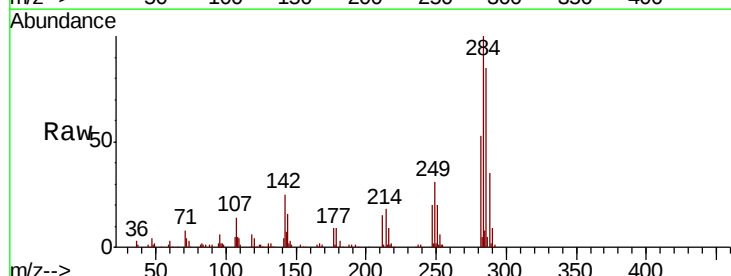
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.908 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	23.2	34.8
249	31.0	27.0	40.4

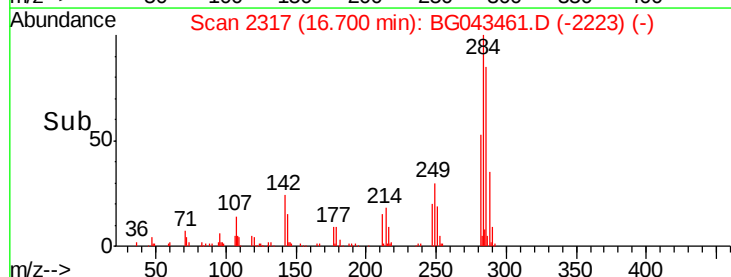
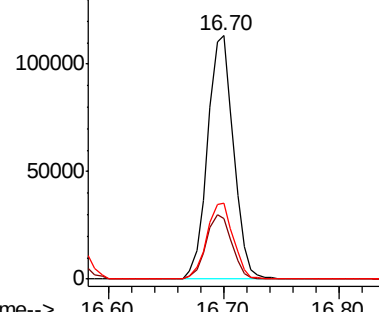


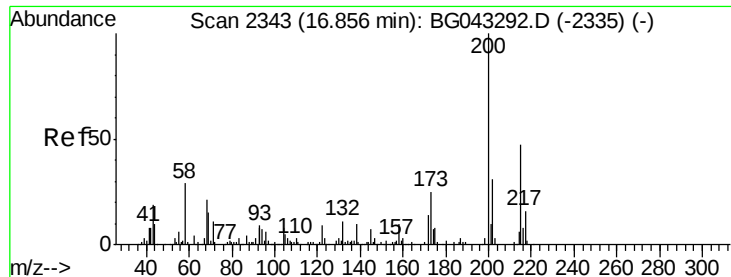
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

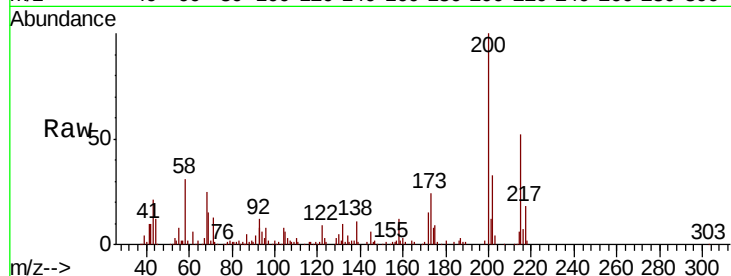




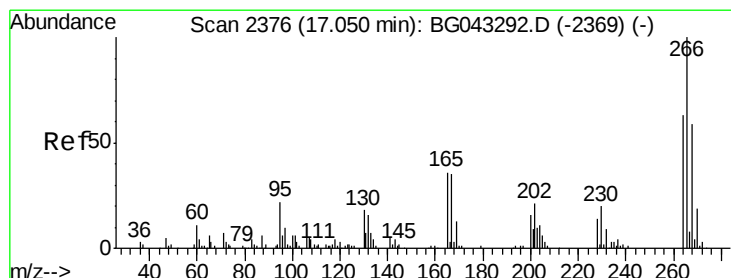
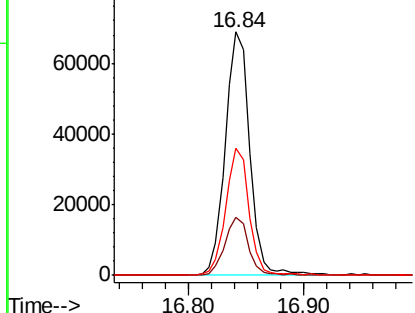
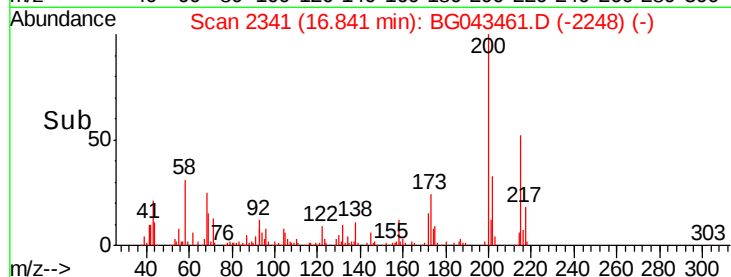
#69
 Atrazine
 Concen: 34.314 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. 0.01 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:200 Resp: 101120
 Ion Ratio Lower Upper
 200 100
 173 23.6 5.1 45.1
 215 52.4 29.8 69.8

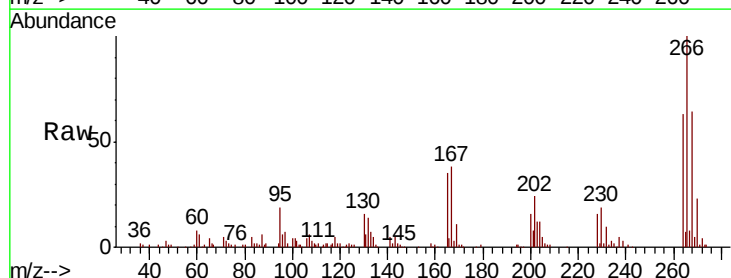


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

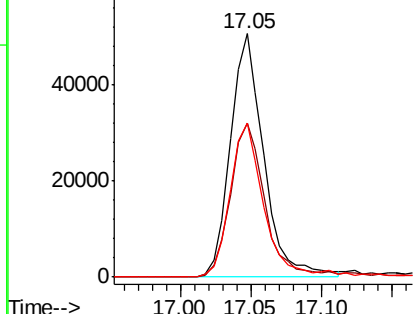
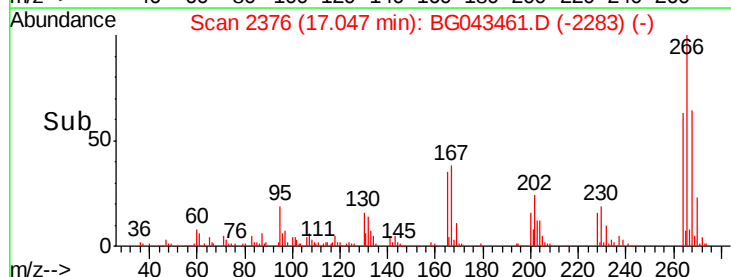


#70
 Pentachlorophenol
 Concen: 39.431 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. 0.01 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion:266 Resp: 83374
 Ion Ratio Lower Upper
 266 100
 268 63.5 53.2 79.8
 264 63.2 48.9 73.3



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

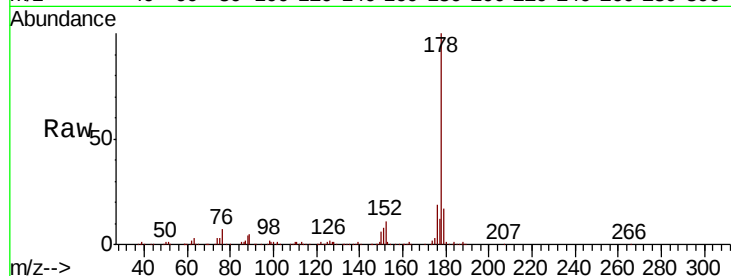




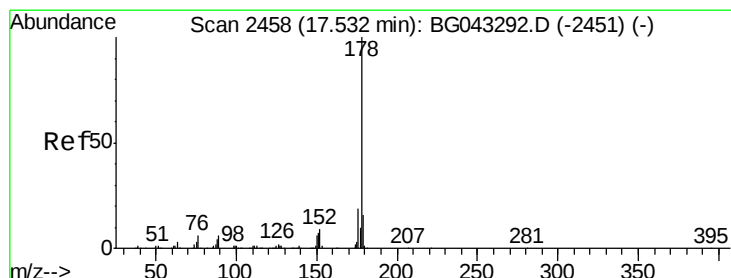
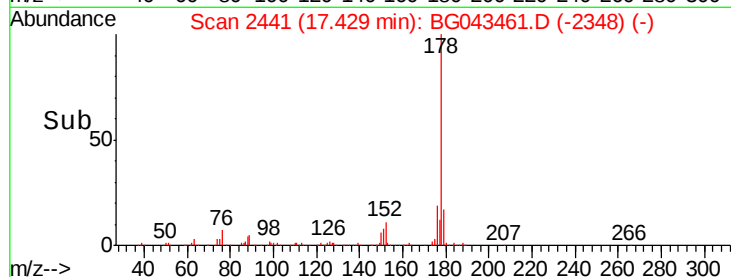
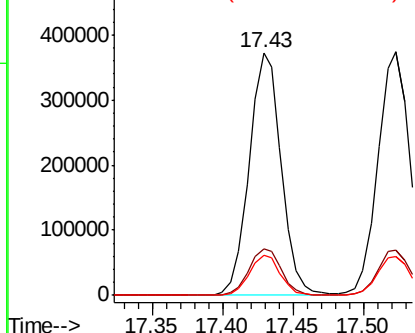
#71
Phenanthrene
Concen: 38.679 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.01 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 594978
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.6 13.0 19.4

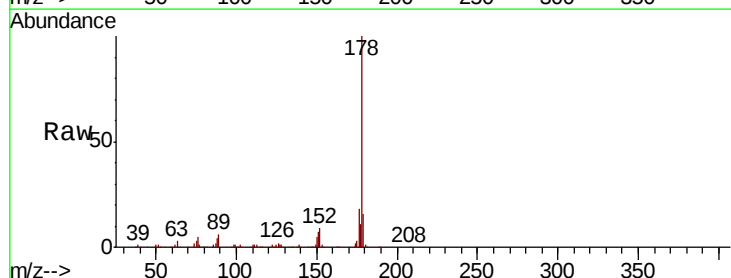


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

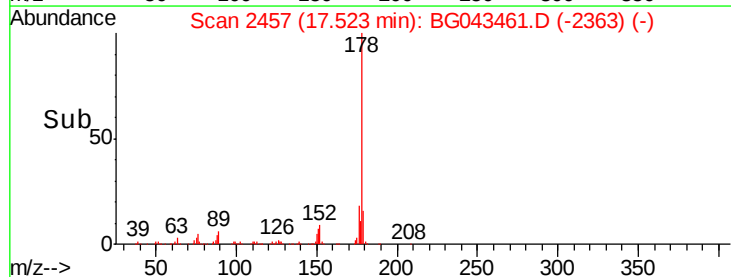
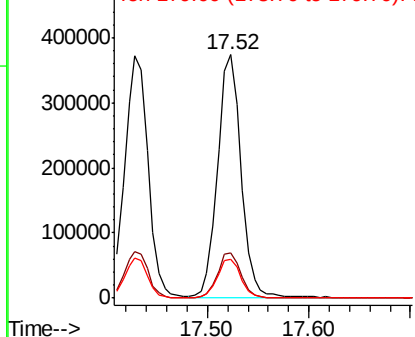


#72
Anthracene
Concen: 39.244 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.02 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion:178 Resp: 603968
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 16.2 13.3 19.9



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

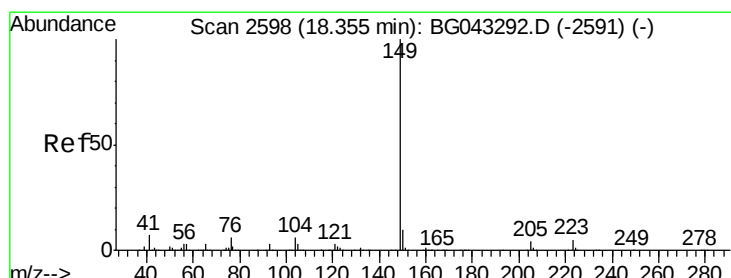
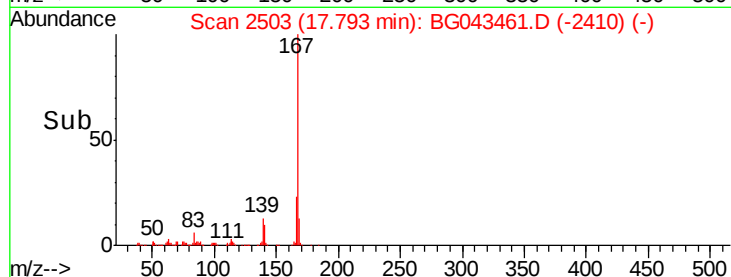
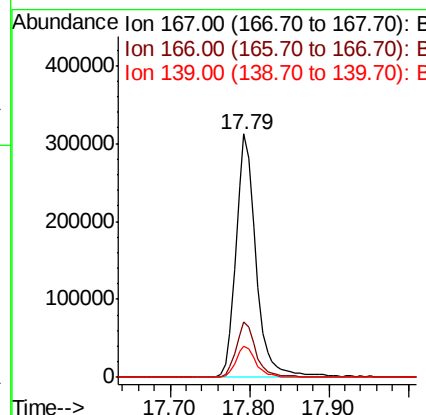
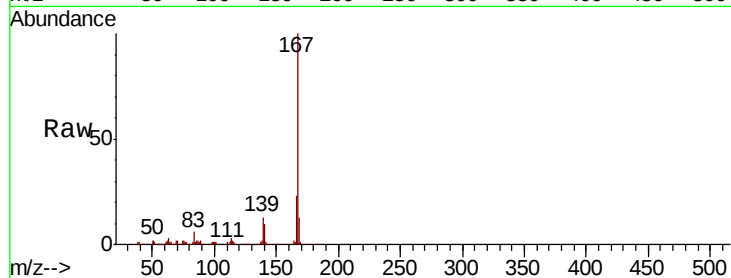




#73
 Carbazole
 Concen: 39.243 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. 0.01 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

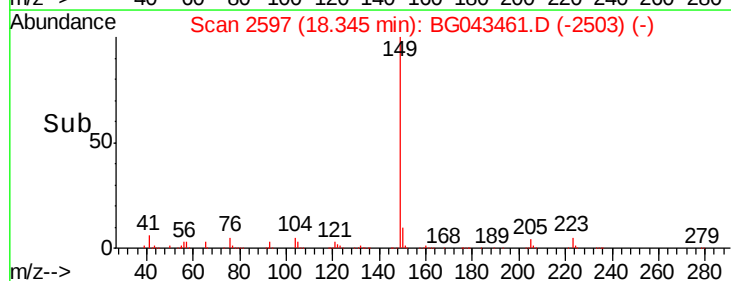
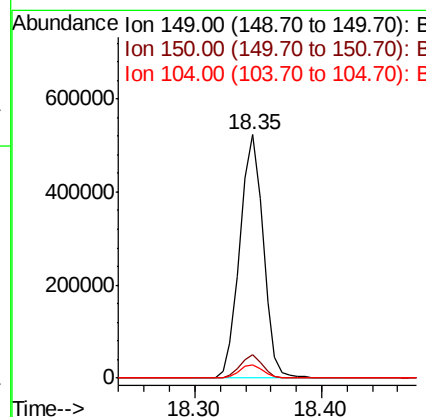
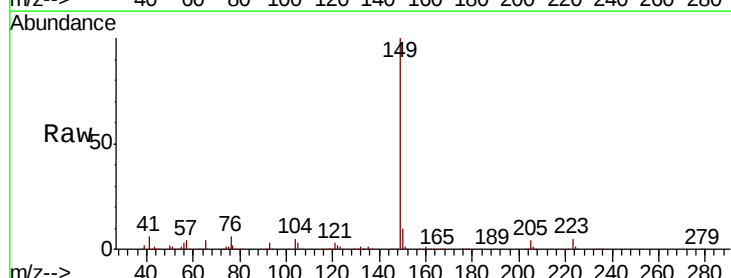
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	12.8	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 39.354 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.02 min
 Lab File: BG043461.D
 Acq: 1 Nov 2019 12:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.4	4.7	7.1





#75

Fluoranthene

Concen: 39.390 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

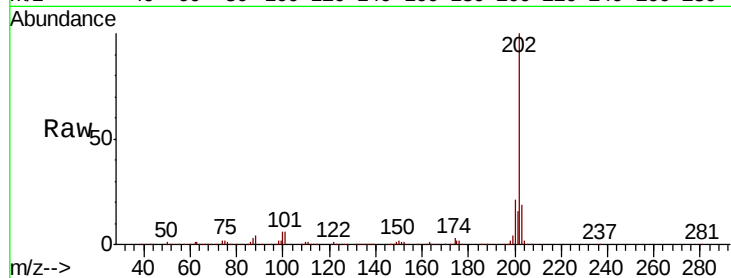
Tot Ion:202 Resp: 789912

Ion Ratio Lower Upper

202 100

101 6.4 0.0 25.6

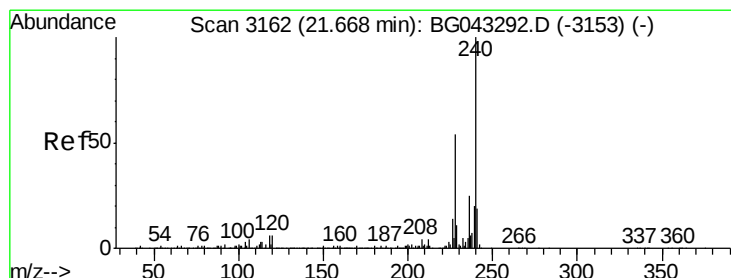
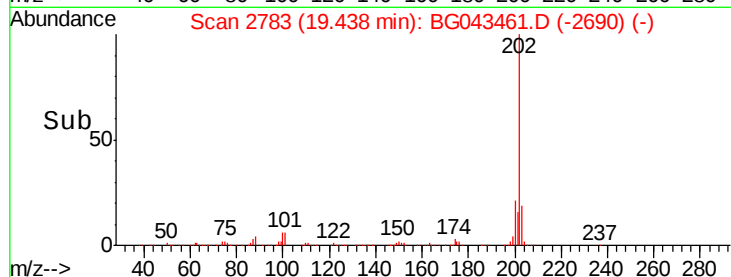
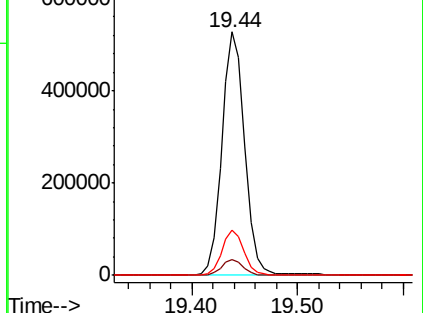
203 18.8 0.0 37.6



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: 21.66 min Scan# 3161

Delta R.T. 0.03 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

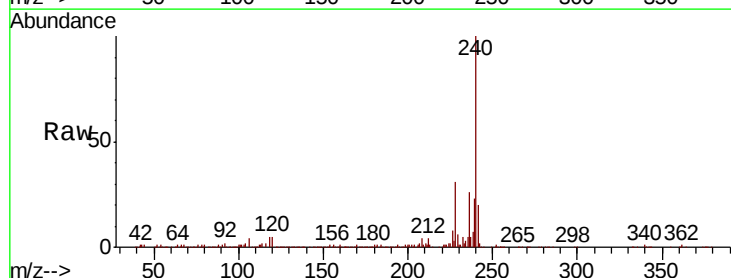
Tgt Ion:240 Resp: 327793

Ion Ratio Lower Upper

240 100

120 4.6 4.9 7.3#

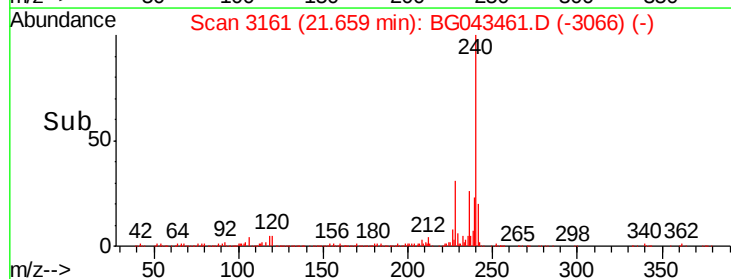
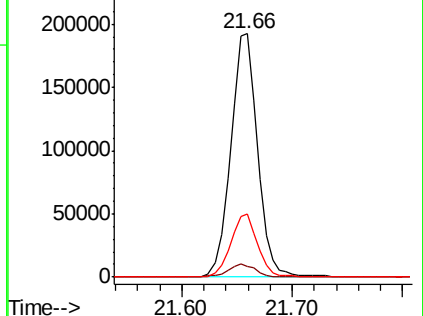
236 26.0 21.4 32.0



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: 41.953 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

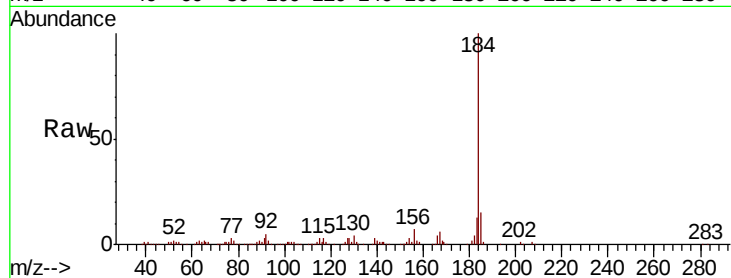
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 276764

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.7	19.1
183	13.0	8.8	13.2

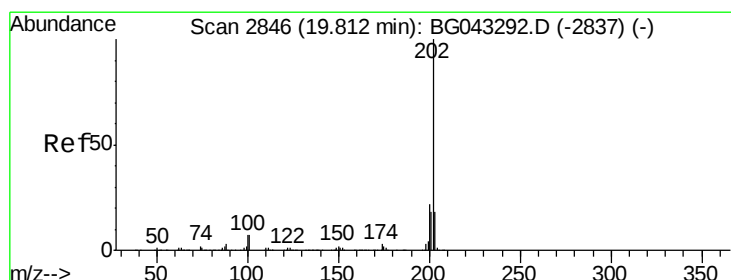
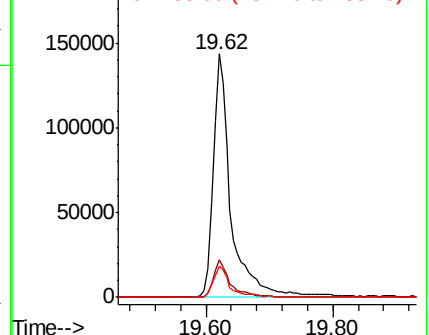
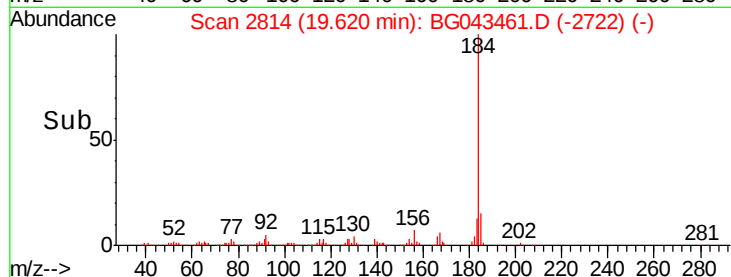


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.239 ng

RT: 19.80 min Scan# 2845

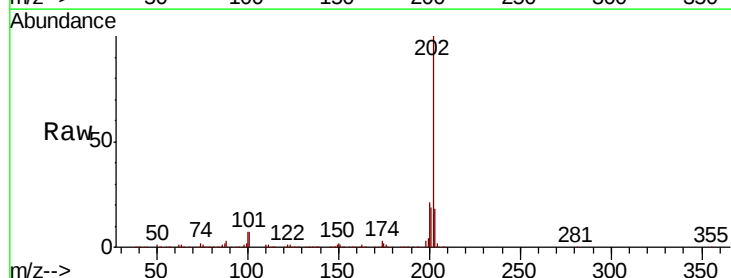
Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Tgt Ion:202 Resp: 796163

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.2	14.8	22.2

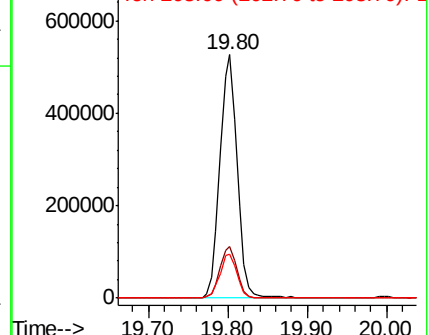
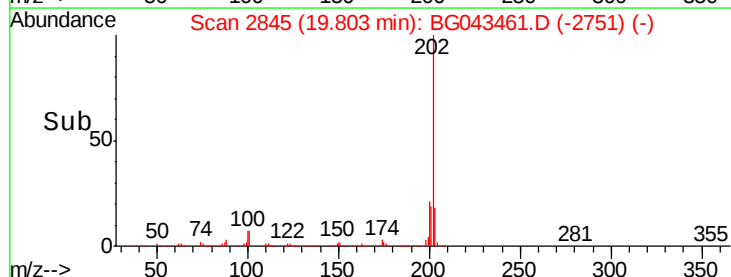


Abundance

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: 78.471 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.01 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

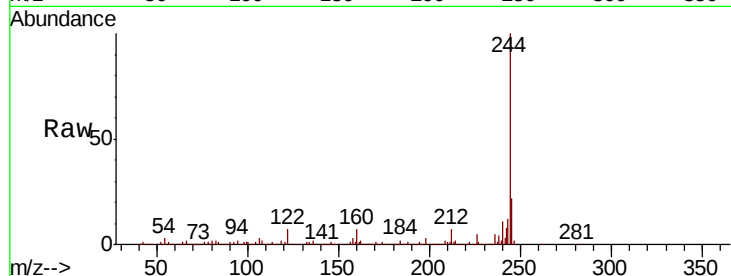
Tot Ion:244 Resp: 1371083

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

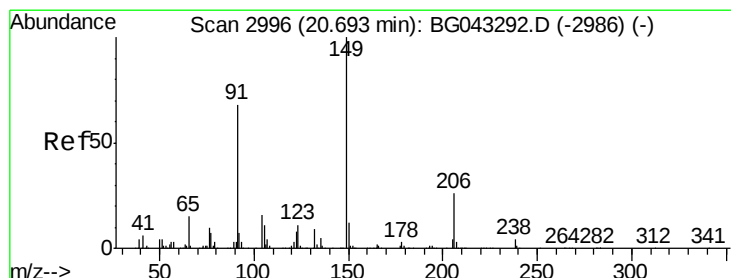
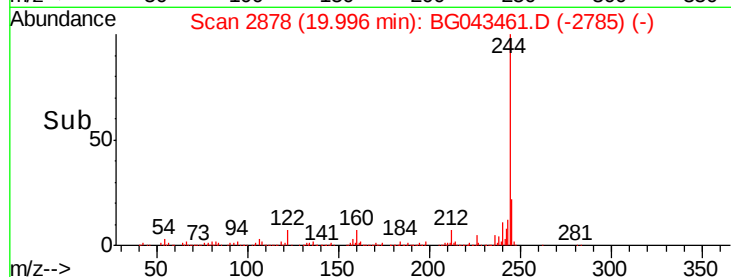
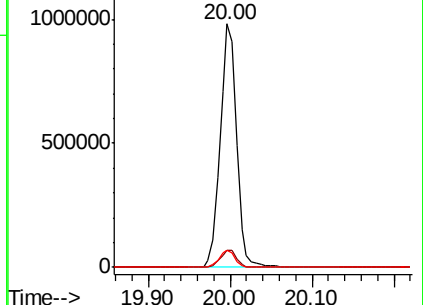
122 7.2 5.2 7.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.950 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

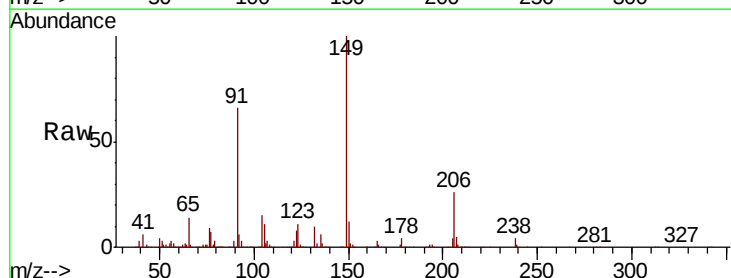
Tgt Ion:149 Resp: 307096

Ion Ratio Lower Upper

149 100

91 65.7 55.4 83.0

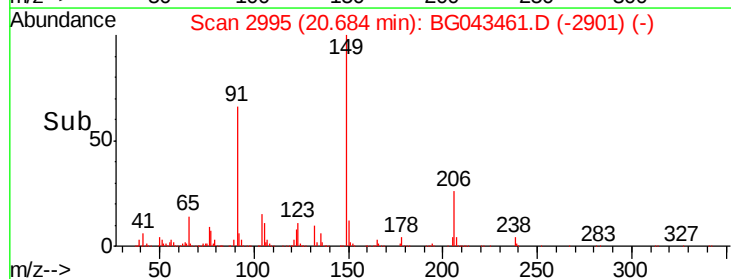
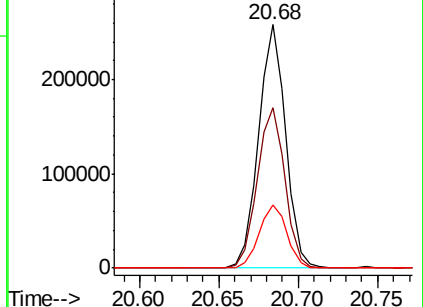
206 26.0 20.2 30.4

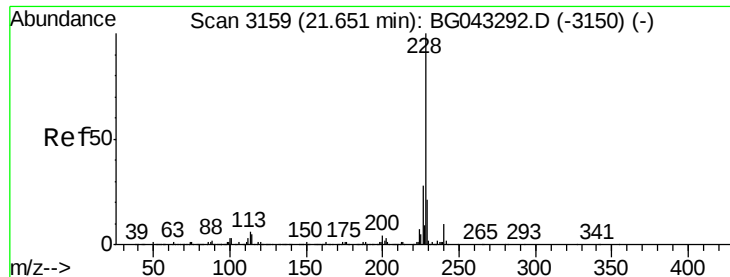


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.229 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

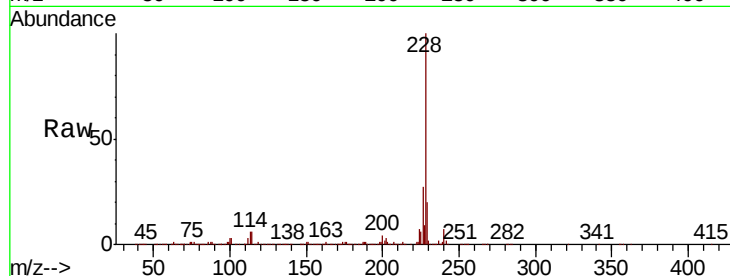
Tot Ion:228 Resp: 826021

Ion Ratio Lower Upper

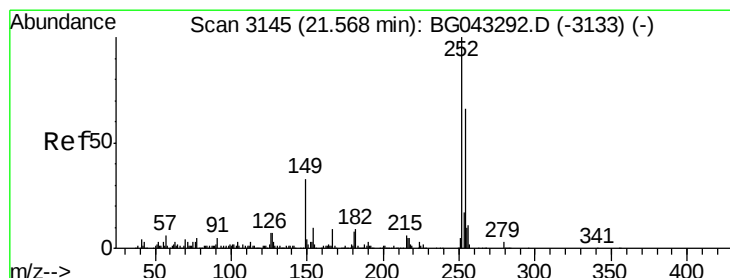
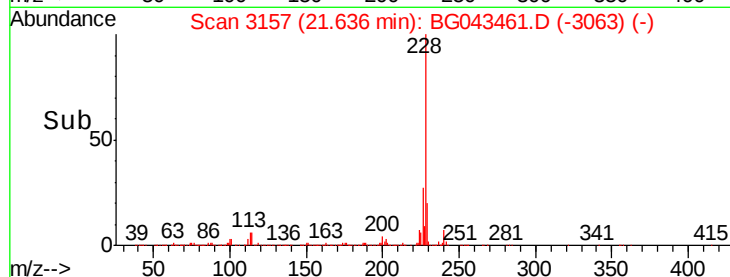
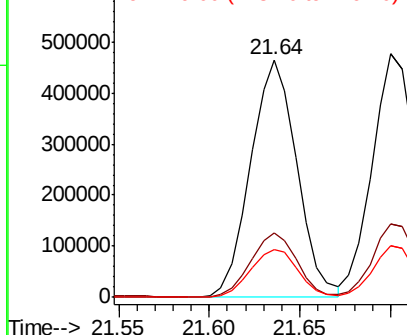
228 100

226 27.2 21.8 32.6

229 20.1 15.9 23.9



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: 42.094 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

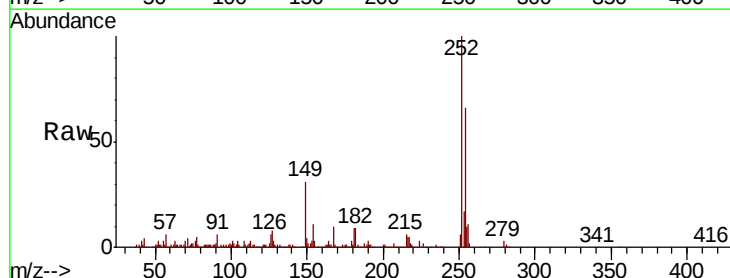
Tgt Ion:252 Resp: 334299

Ion Ratio Lower Upper

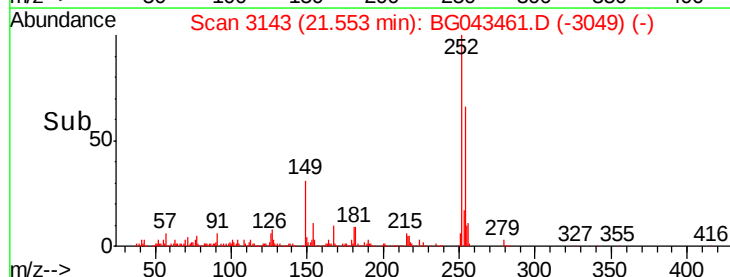
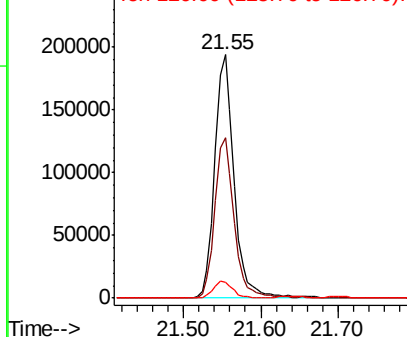
252 100

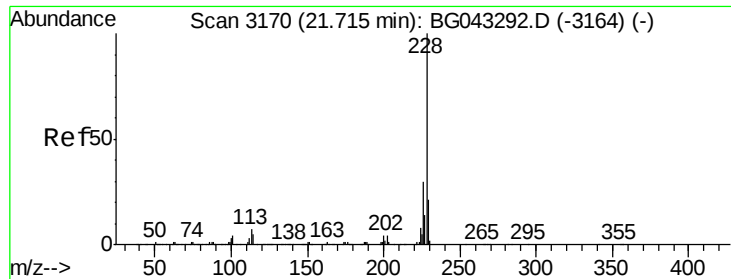
254 65.9 50.2 75.4

126 6.4 5.4 8.0



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

Chrvsene

Concen: 39.530 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

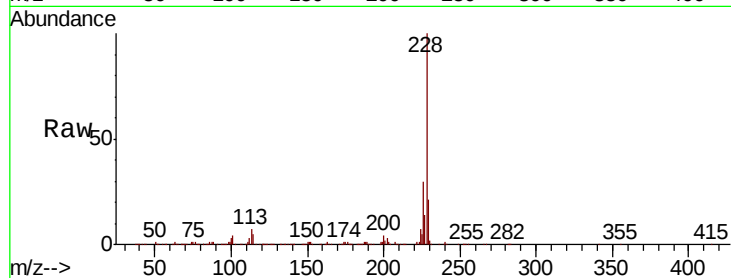
Tot Ion:228 Resp: 806441

Ion Ratio Lower Upper

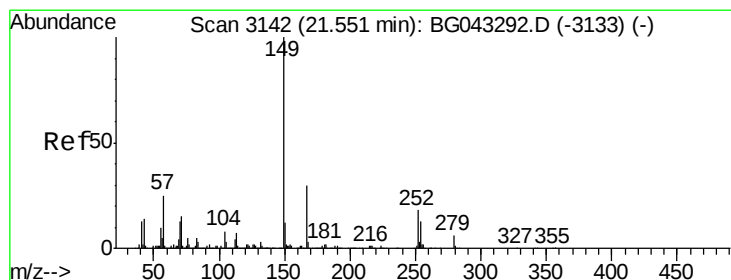
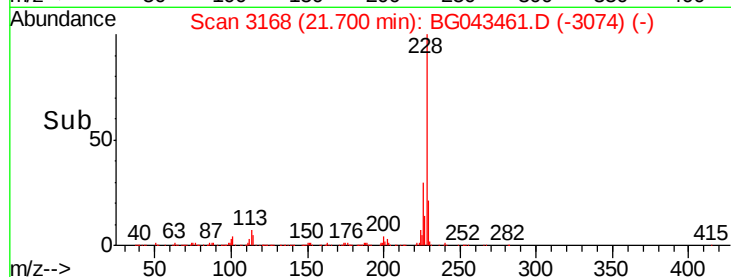
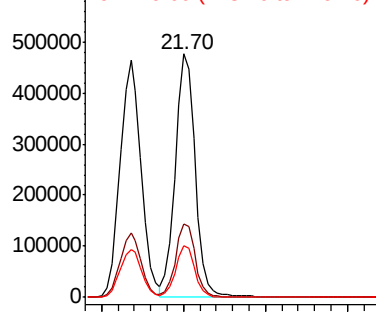
228 100

226 30.1 23.3 34.9

229 21.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.528 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.02 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

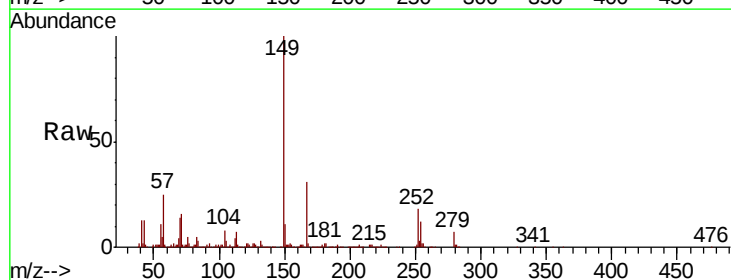
Tgt Ion:149 Resp: 442544

Ion Ratio Lower Upper

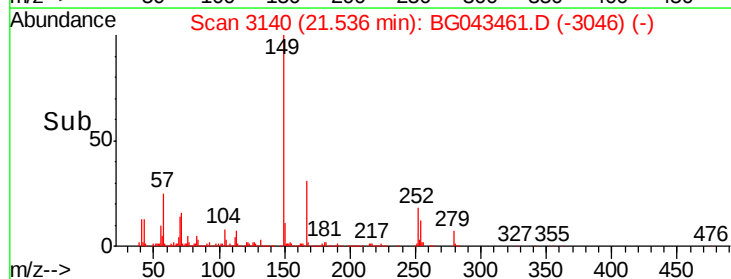
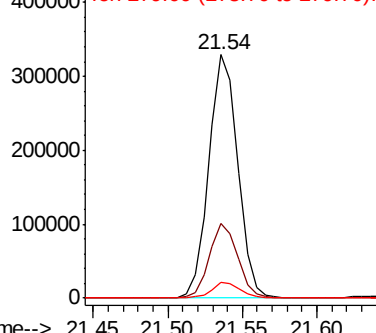
149 100

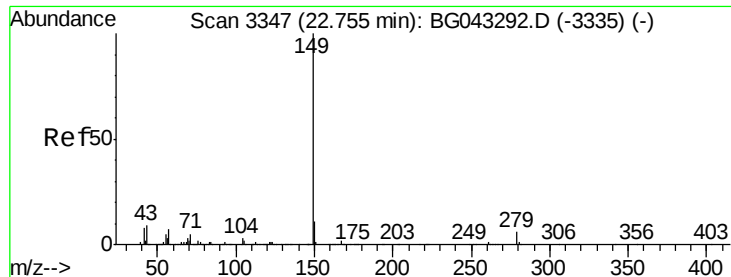
167 30.6 24.8 37.2

279 6.7 5.4 8.0



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: 41.089 ng

RT: 22.73 min Scan# 3344

Delta R.T. 0.03 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

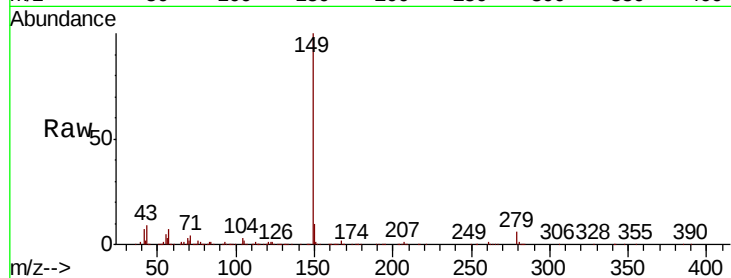
Tot Ion:149 Resp: 761217

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

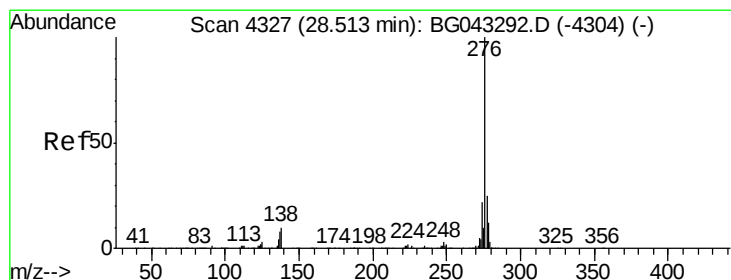
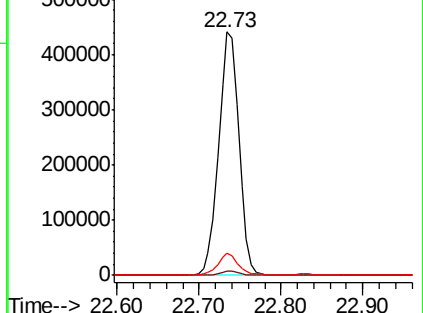
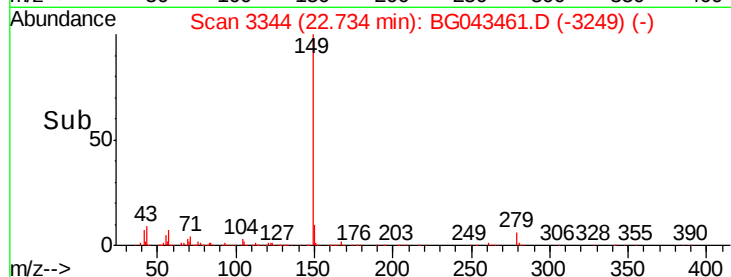
43 9.1 7.8 11.8



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: 42.119 ng

RT: 28.48 min Scan# 4322

Delta R.T. 0.04 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

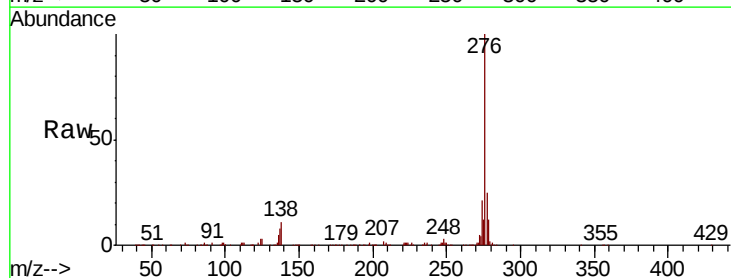
Tgt Ion:276 Resp: 1078578

Ion Ratio Lower Upper

276 100

138 7.3 11.3 16.9#

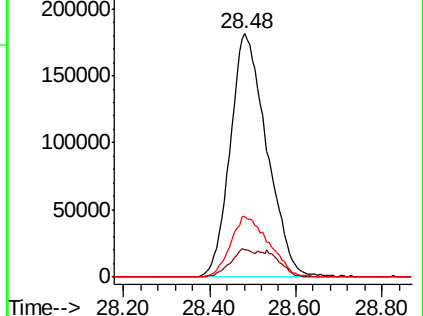
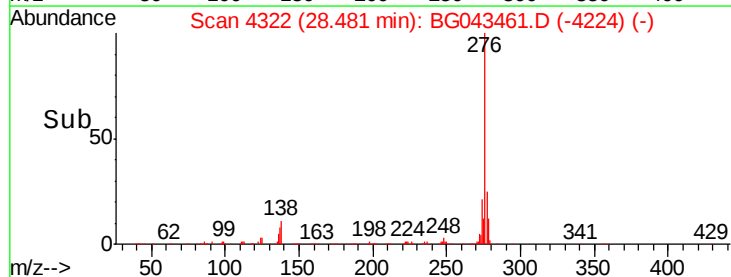
277 26.1 20.6 31.0



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

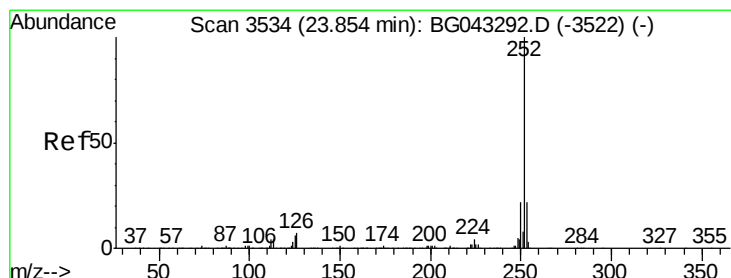
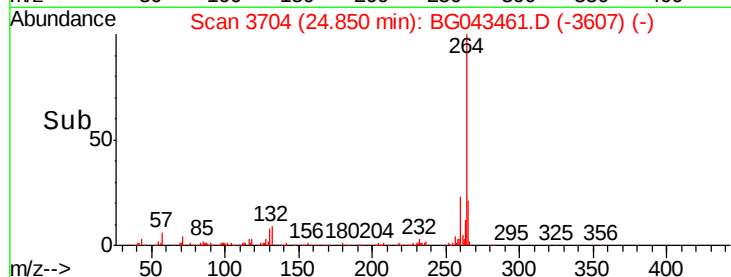
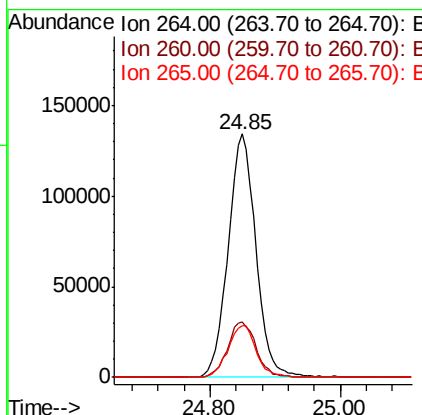
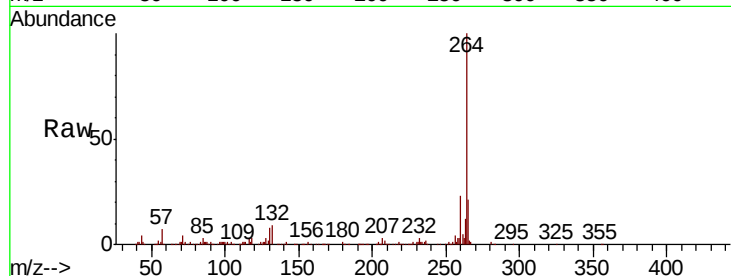




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. 0.04 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

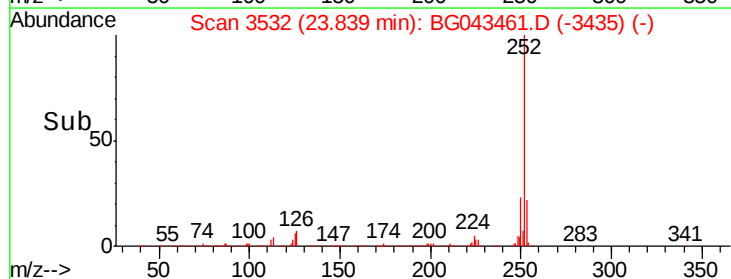
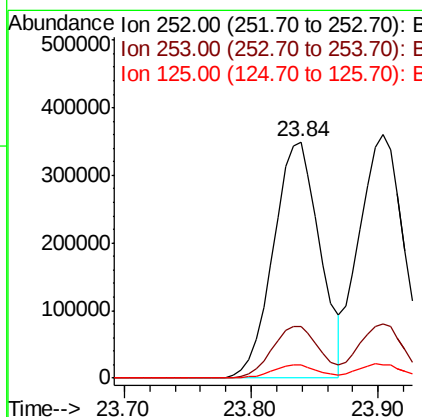
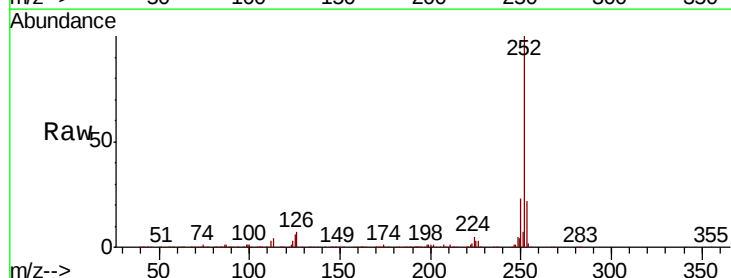
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

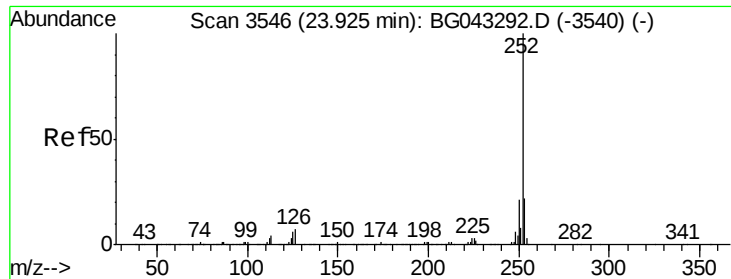
Tot Ion:264 Resp: 395805
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.4 15.8 23.8



#88
Benzo(b)fluoranthene
Concen: 39.789 ng
RT: 23.84 min Scan# 3532
Delta R.T. 0.04 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion:252 Resp: 891954
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 5.7 4.5 6.7

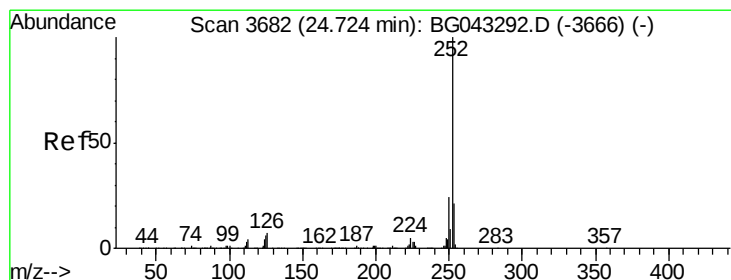
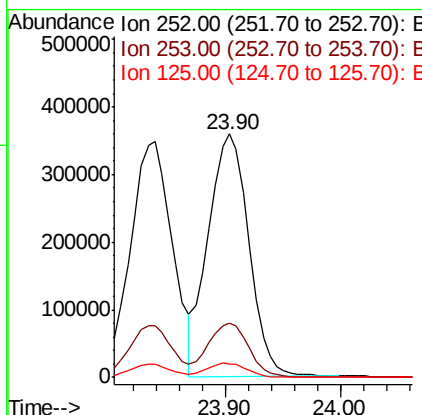
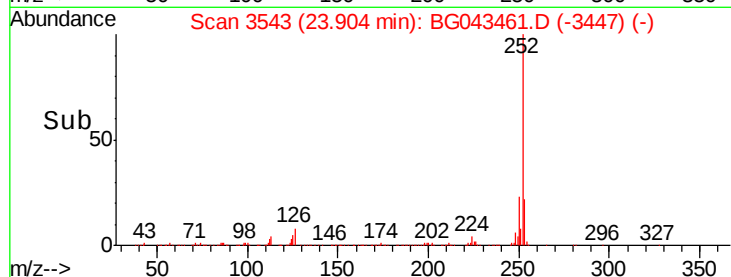
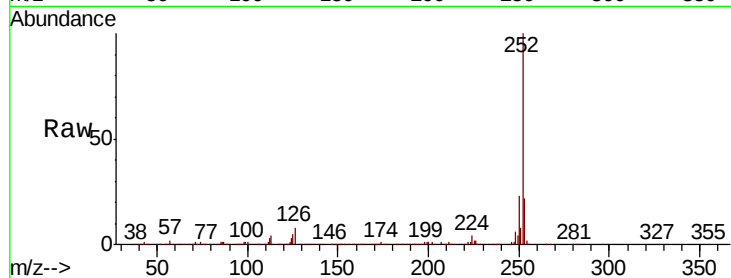




#89
Benzo(k)fluoranthene
Concen: 38.942 ng
RT: 23.90 min Scan# 3543
Delta R.T. 0.03 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

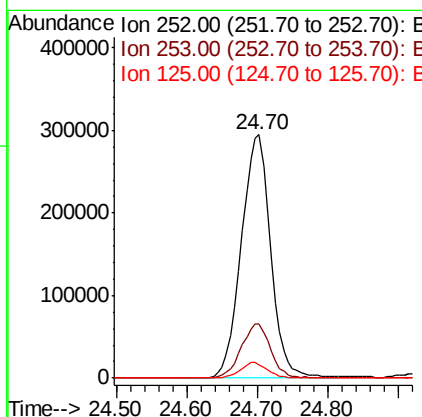
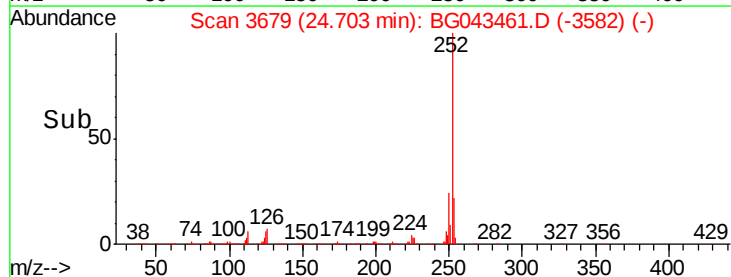
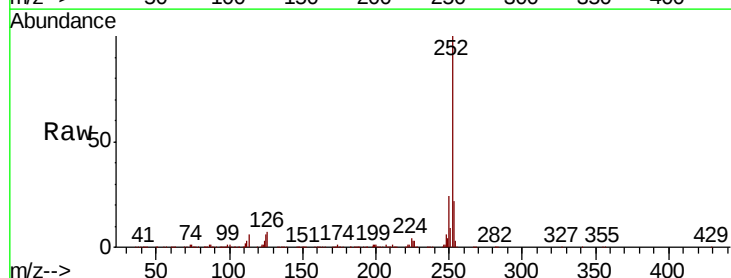
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

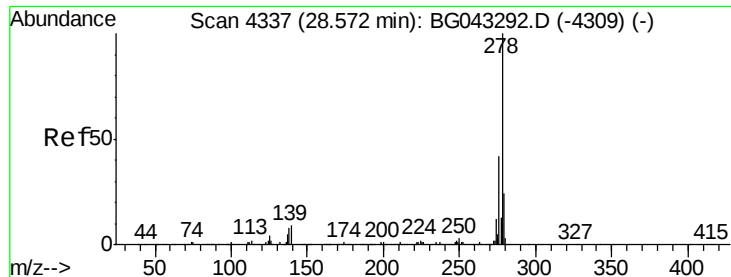
Tot Ion:252 Resp: 878830
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 5.4 4.7 7.1



#90
Benzo(a)pyrene
Concen: 39.984 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.04 min
Lab File: BG043461.D
Acq: 1 Nov 2019 12:10

Tgt Ion:252 Resp: 855933
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 5.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 40.714 ng

RT: 28.55 min Scan# 4333

Delta R.T. 0.06 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

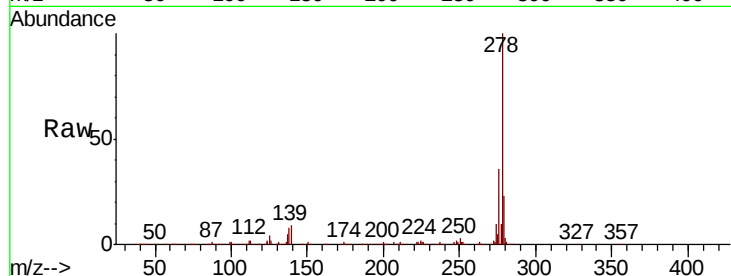
Tot Ion:278 Resp: 891469

Ion Ratio Lower Upper

278 100

139 8.6 7.2 10.8

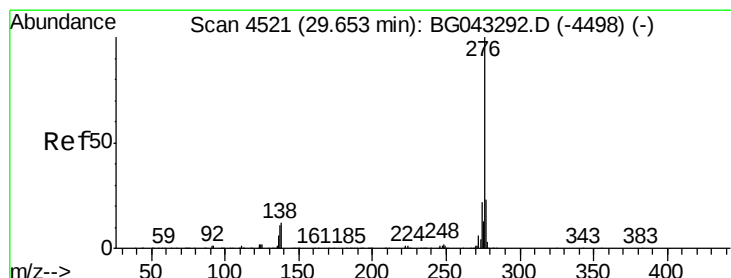
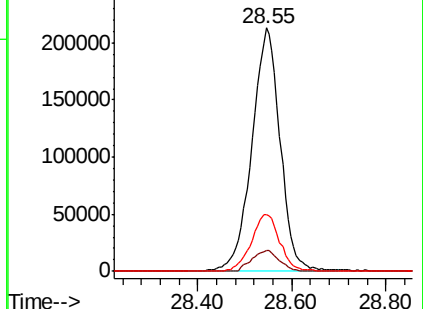
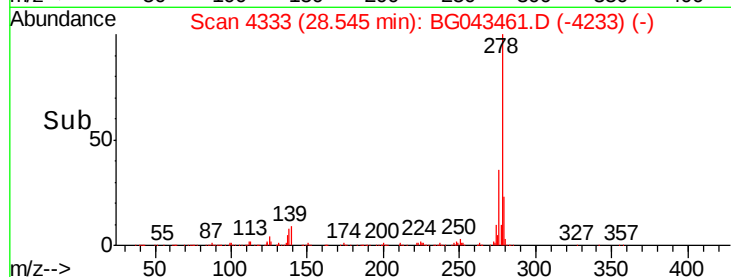
279 23.2 19.0 28.4



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: 39.831 ng

RT: 29.63 min Scan# 4517

Delta R.T. 0.05 min

Lab File: BG043461.D

Acq: 1 Nov 2019 12:10

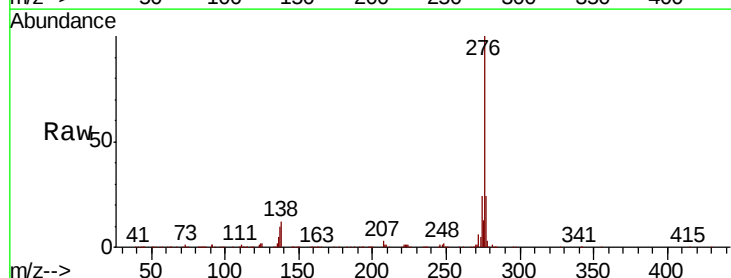
Tgt Ion:276 Resp: 860270

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.6

138 11.5 9.7 14.5



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

