

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
 Data File : BG040579.D
 Acq On : 23 Apr 2019 20:03
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 24 04:20:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 04:08:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43820	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	192554	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	133492	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	327936	20.00	ng	0.00
76) Chrysene-d12	21.83	240	349957	20.00	ng	0.00
87) Perylene-d12	25.20	264	355254	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	242014	91.81	ng	0.00
7) Phenol-d6	7.30	99	377916	103.74	ng	0.00
23) Nitrobenzene-d5	9.34	82	421185	116.27	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	185398	128.51	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	928583	103.07	ng	0.00
79) Terphenyl-d14	20.13	244	1591319	102.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	53501	43.165	ng	97
3) Pyridine	3.96	79	168094	50.370	ng	97
4) n-Nitrosodimethylamine	3.88	42	91010	58.957	ng	91
6) Aniline	7.48	93	248941	52.598	ng	96
8) 2-Chlorophenol	7.72	128	147050	47.657	ng	97
9) Benzaldehyde	7.30	77	105577	42.251	ng	98
10) Phenol	7.32	94	204836	51.804	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	150854	47.634	ng	97
12) 1,3-Dichlorobenzene	8.05	146	163480	48.738	ng	99
13) 1,4-Dichlorobenzene	8.19	146	163481	48.935	ng	98
14) 1,2-Dichlorobenzene	8.52	146	159183	49.826	ng	98
15) Benzyl Alcohol	8.40	79	195287	66.565	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	298569	49.123	ng	98
17) 2-Methylphenol	8.59	107	142019	51.905	ng	92
18) Hexachloroethane	9.25	117	67157	52.848	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	167597	64.167	ng	98
20) 3+4-Methylphenols	8.92	107	200348	54.051	ng	97
22) Acetophenone	8.99	105	269838	56.178	ng	97
24) Nitrobenzene	9.38	77	224950	59.966	ng	100
25) Isophorone	9.90	82	461007	61.849	ng	99
26) 2-Nitrophenol	10.09	139	80824	45.470	ng	95
27) 2,4-Dimethylphenol	10.13	122	151024	53.489	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	229140	51.961	ng	99
29) 2,4-Dichlorophenol	10.62	162	174108	56.811	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	186503	55.422	ng	98
31) Naphthalene	11.04	128	514034	52.082	ng	100
32) Benzoic acid	10.26	122	104089	61.016	ng	96
33) 4-Chloroaniline	11.14	127	225041	53.454	ng	96
34) Hexachlorobutadiene	11.30	225	139406	64.775	ng	98
35) Caprolactam	11.94	113	67870	55.805	ng	95
36) 4-Chloro-3-methylphenol	12.24	107	215683	61.217	ng	98
37) 2-Methylnaphthalene	12.63	142	379517	51.992	ng	98
38) 1-Methylnaphthalene	12.85	142	376072	53.130	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	253385	59.721	ng	98

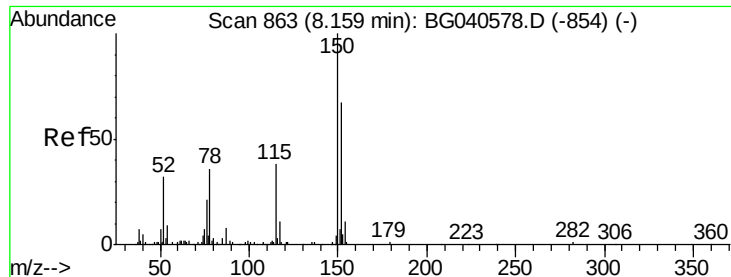
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	150345	64.536	nq	98
43) 2,4,6-Trichlorophenol	13.22	196	152964	55.918	nq	97
44) 2,4,5-Trichlorophenol	13.29	196	166679	55.902	nq	98
46) 1,1'-Biphenyl	13.63	154	520385	49.337	nq	96
47) 2-Chloronaphthalene	13.68	162	406358	50.225	nq	99
48) 2-Nitroaniline	13.88	65	148031	54.243	nq	98
49) Acenaphthylene	14.52	152	688013	50.155	nq	96
50) Dimethylphthalate	14.24	163	557321	53.344	nq	98
51) 2,6-Dinitrotoluene	14.36	165	111406	47.490	nq	98
52) Acenaphthene	14.86	154	399076	50.771	nq	96
53) 3-Nitroaniline	14.70	138	114429	46.082	nq	98
54) 2,4-Dinitrophenol	14.90	184	53546	42.920	nq	# 90
55) Dibenzofuran	15.19	168	653934	51.774	nq	99
56) 4-Nitrophenol	14.97	139	99923	49.859	nq	97
57) 2,4-Dinitrotoluene	15.15	165	152637	46.827	nq	# 98
58) Fluorene	15.83	166	527213	53.091	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	166153	61.409	nq	100
60) Diethylphthalate	15.60	149	587045	54.910	nq	100
61) 4-Chlorophenyl-phenylether	15.82	204	303690	57.213	nq	97
62) 4-Nitroaniline	15.86	138	126799	47.582	nq	99
63) Azobenzene	16.11	77	604395	59.934	nq	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	76792	41.680	nq	98
66) n-Nitrosodiphenylamine	16.04	169	479034	49.918	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	204541	55.425	nq	98
68) Hexachlorobenzene	16.83	284	209981	56.590	nq	96
69) Atrazine	16.98	200	185254	51.895	nq	95
70) Pentachlorophenol	17.17	266	124841	58.195	nq	99
71) Phenanthrene	17.58	178	878443	50.963	nq	99
72) Anthracene	17.67	178	879837	50.997	nq	99
73) Carbazole	17.94	167	799320	48.955	nq	99
74) Di-n-butylphthalate	18.48	149	959265	49.564	nq	99
75) Fluoranthene	19.58	202	1086729	53.243	nq	99
77) Benzidine	19.76	184	497264	39.349	nq	99
78) Pyrene	19.94	202	1101551	47.865	nq	98
80) Butylbenzylphthalate	20.82	149	429860	43.650	nq	97
81) Benzo(a)anthracene	21.80	228	1102914	51.166	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	400678	48.864	nq	98
83) Chrysene	21.87	228	1058615	51.101	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	616209	43.774	nq	98
85) Di-n-octyl phthalate	22.96	149	1052860	43.898	nq	99
86) Indeno(1,2,3-cd)pyrene	29.09	276	1287815	50.827	nq	# 93
88) Benzo(b)fluoranthene	24.12	252	1092873	50.247	nq	97
89) Benzo(k)fluoranthene	24.19	252	1007490	50.370	nq	98
90) Benzo(a)pyrene	25.05	252	1033926	50.665	nq	100
91) Dibenzo(a,h)anthracene	29.17	278	1042074	54.981	nq	98
92) Benzo(g,h,i)perylene	30.32	276	1023869	52.564	nq	98

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

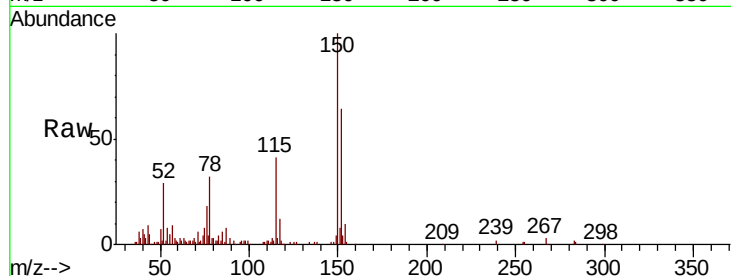


#1

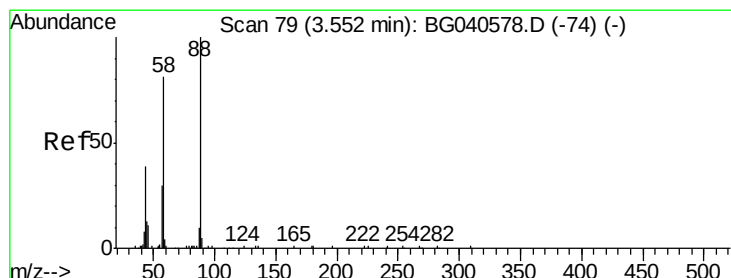
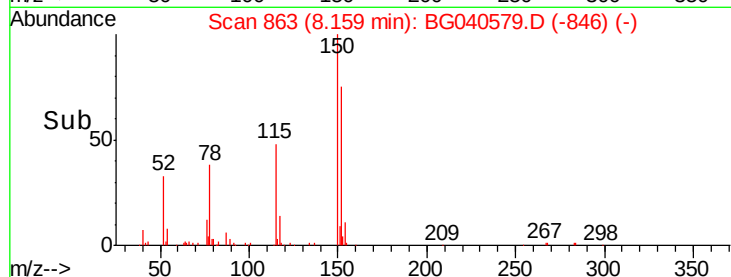
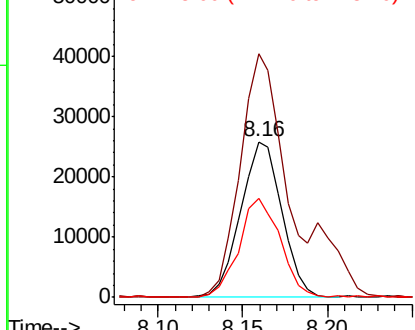
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion:152 Resp: 43820
Ion Ratio Lower Upper
152 100
150 156.5 120.2 180.2
115 63.9 46.2 69.2



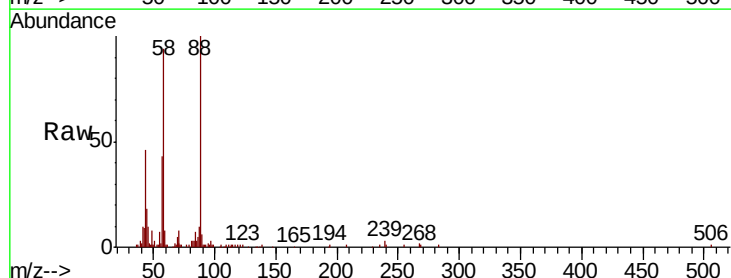
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



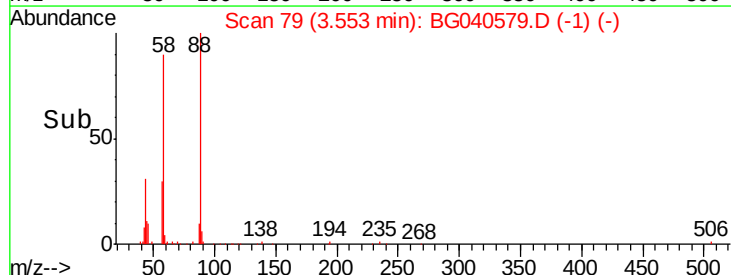
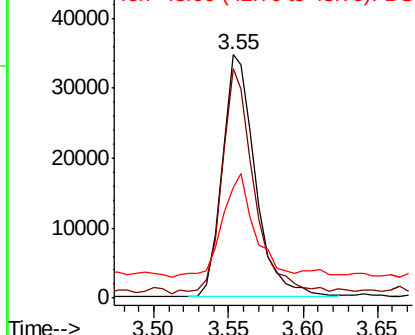
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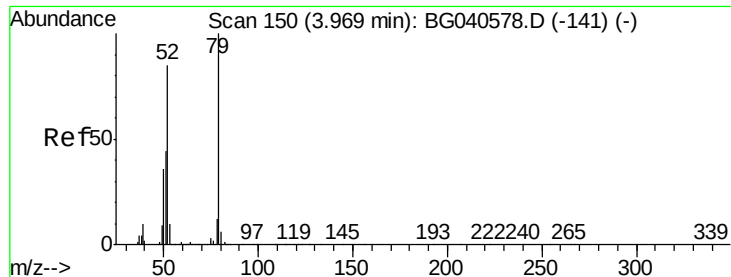
1,4-Dioxane
Concen: 43.165 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion: 88 Resp: 53501
Ion Ratio Lower Upper
88 100
58 91.8 71.2 106.8
43 42.4 35.6 53.4



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: 50.370 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

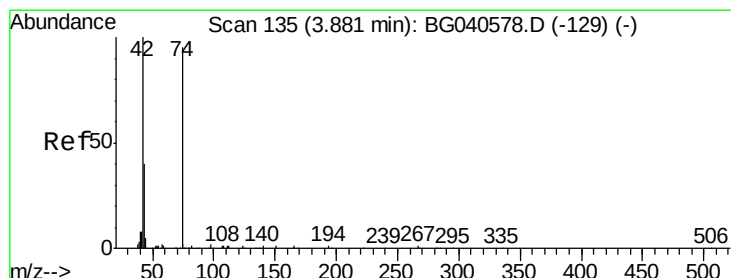
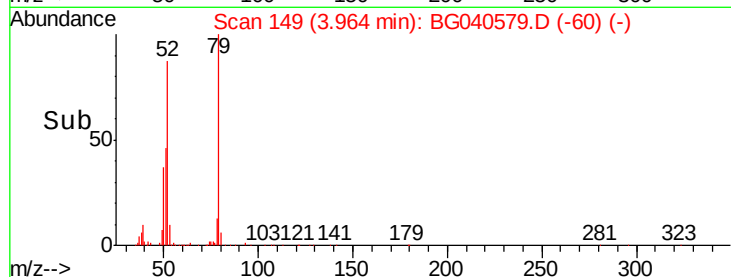
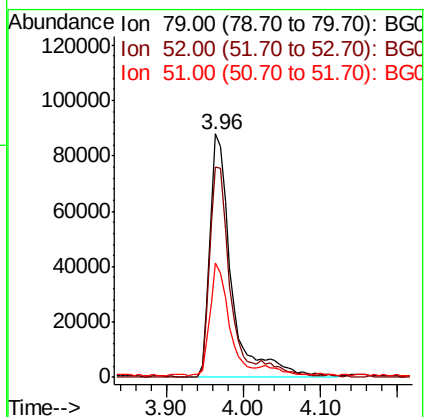
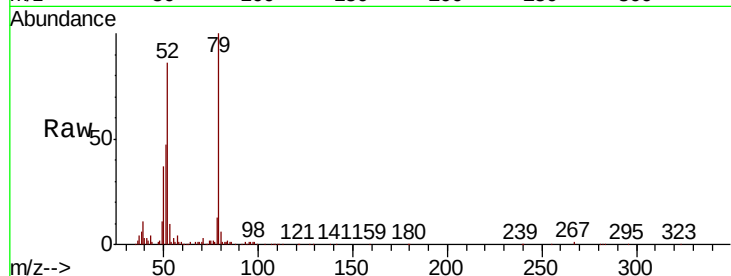
Tot Ion: 79 Resp: 168094

Ion Ratio Lower Upper

79 100

52 86.3 67.5 101.3

51 47.0 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 58.957 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

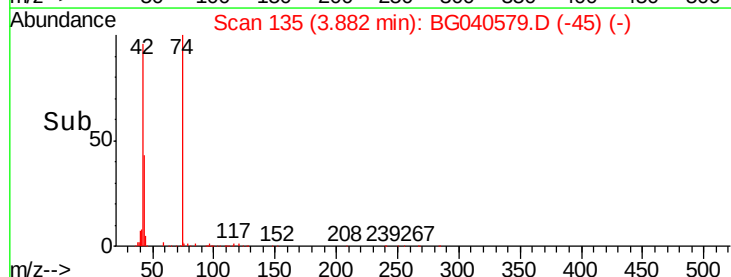
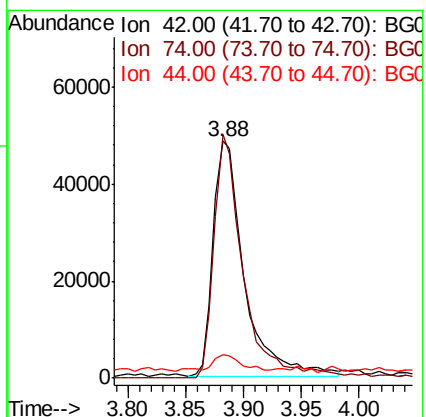
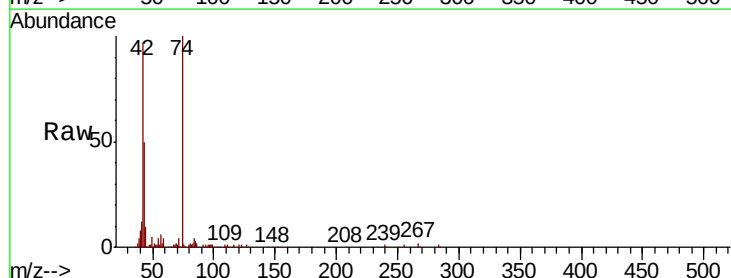
Tgt Ion: 42 Resp: 91010

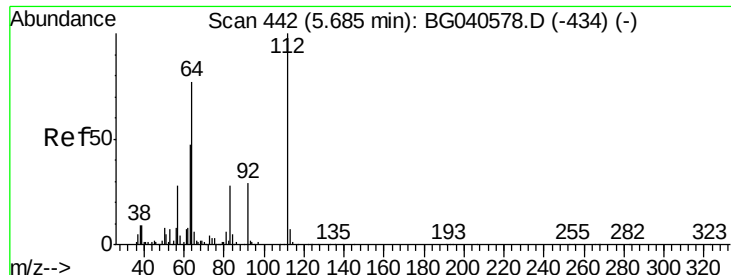
Ion Ratio Lower Upper

42 100

74 102.7 74.6 111.8

44 10.1 7.4 11.0





#5

2-Fluorophenol

Concen: 91.814 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

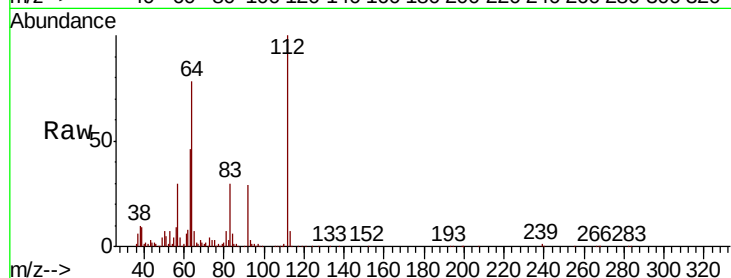
Tot Ion:112 Resp: 242014

Ion Ratio Lower Upper

112 100

64 78.3 61.4 92.0

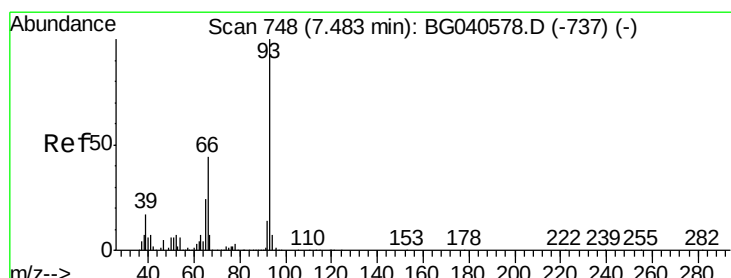
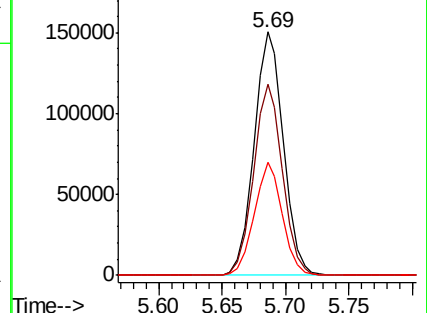
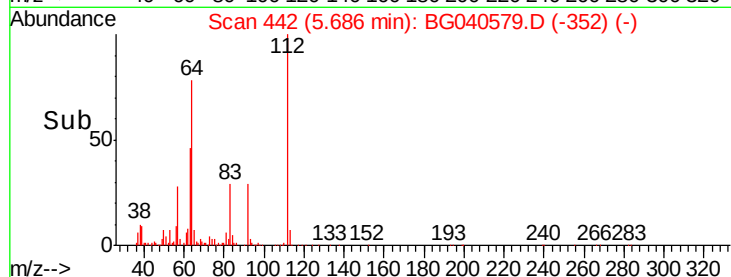
63 46.3 37.8 56.6



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: 52.598 ng

RT: 7.48 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

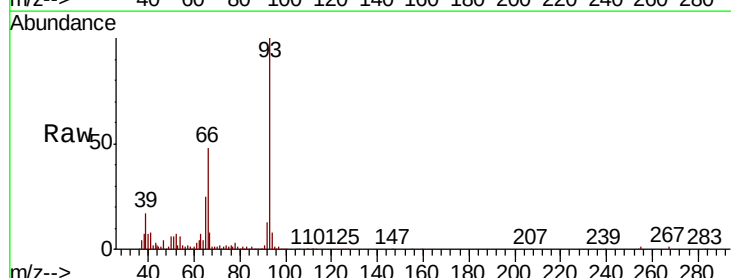
Tgt Ion: 93 Resp: 248941

Ion Ratio Lower Upper

93 100

66 47.7 35.5 53.3

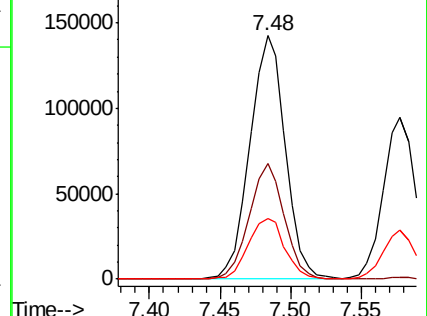
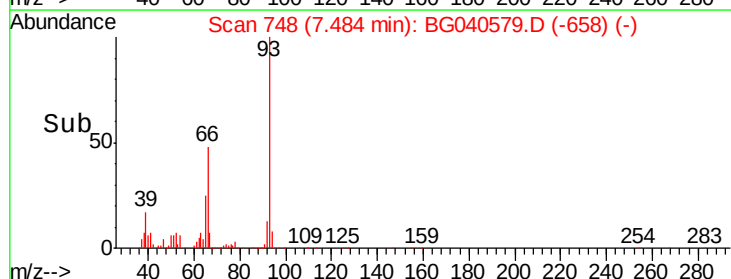
65 24.8 19.2 28.8

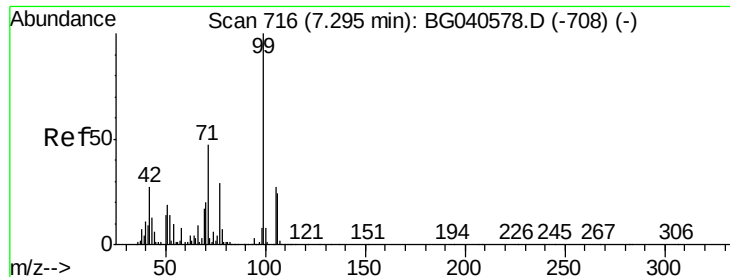


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.741 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

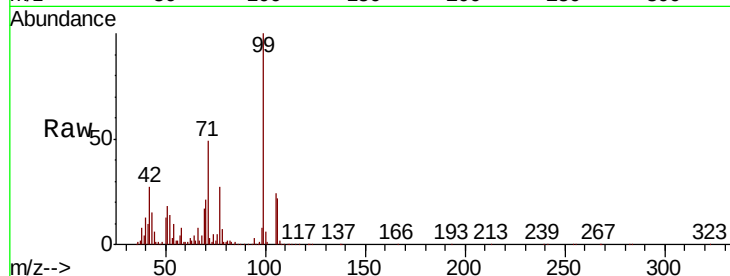
Tot Ion: 99 Resp: 377916

Ion Ratio Lower Upper

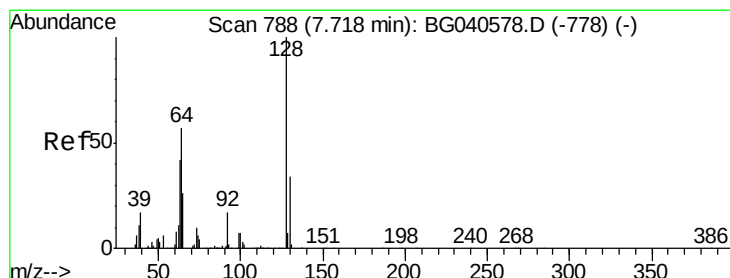
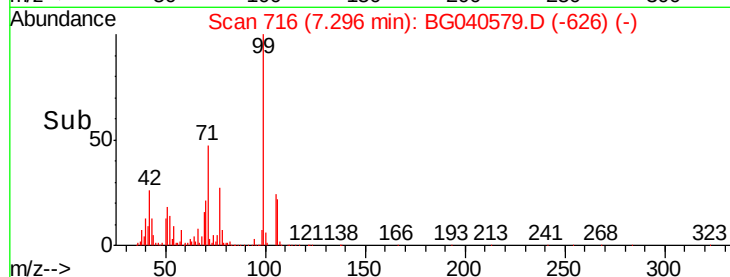
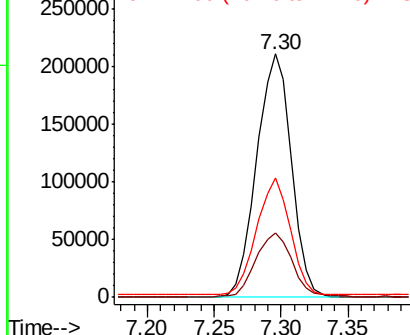
99 100

42 26.6 21.8 32.8

71 48.8 38.6 57.8



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: 47.657 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

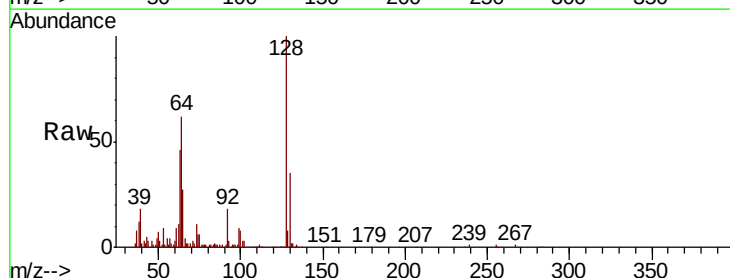
Tgt Ion: 128 Resp: 147050

Ion Ratio Lower Upper

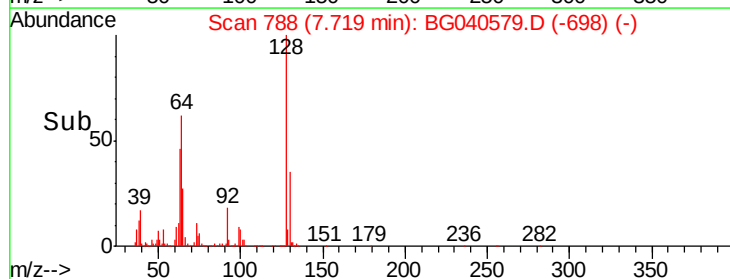
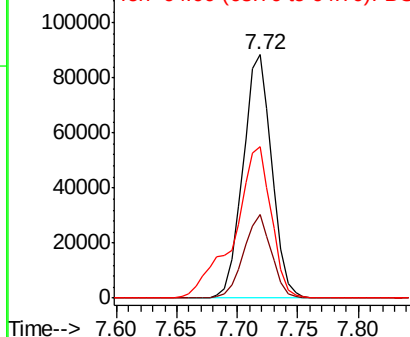
128 100

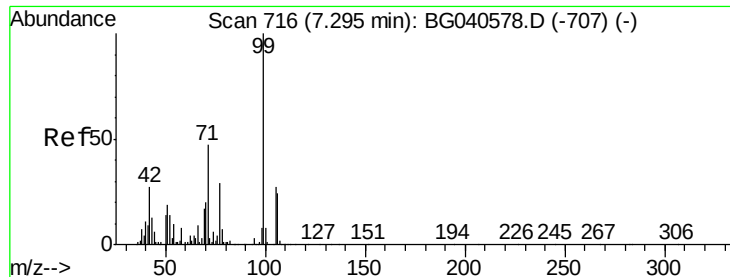
130 34.5 14.5 54.5

64 62.3 38.4 78.4



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





#9

Benzaldehyde

Concen: 42.251 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

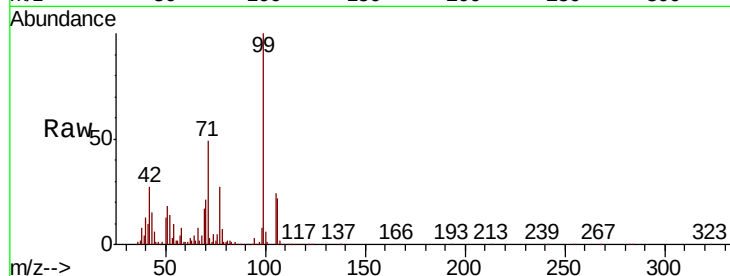
Tot Ion: 77 Resp: 105577

Ion Ratio Lower Upper

77 100

105 89.5 72.0 112.0

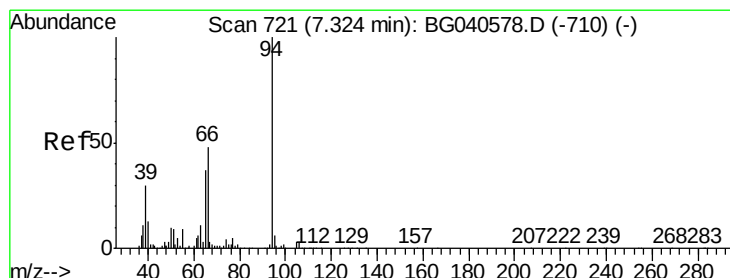
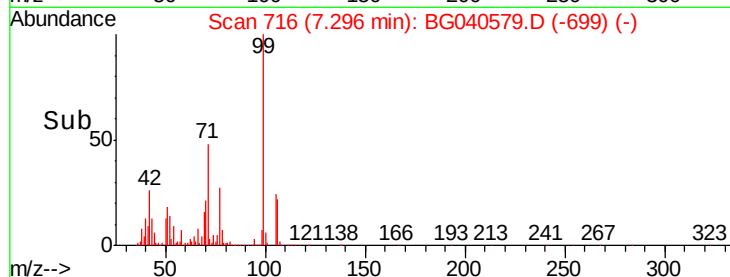
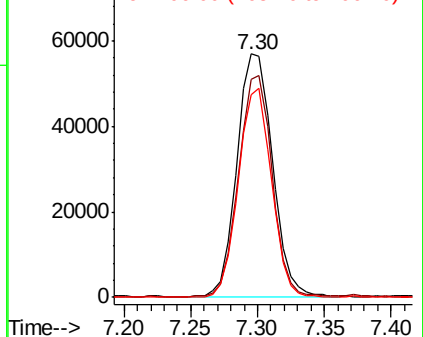
106 83.1 61.2 101.2



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: 51.804 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

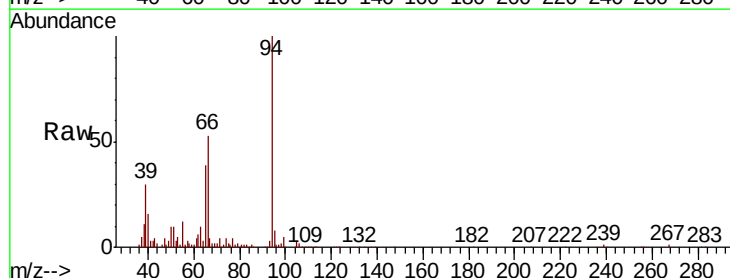
Tgt Ion: 94 Resp: 204836

Ion Ratio Lower Upper

94 100

65 39.1 17.0 57.0

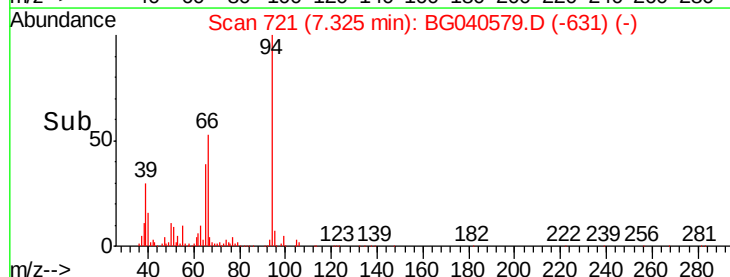
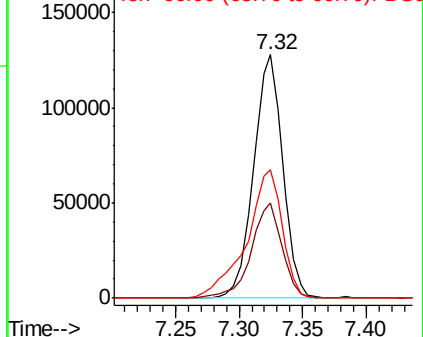
66 52.9 28.6 68.6

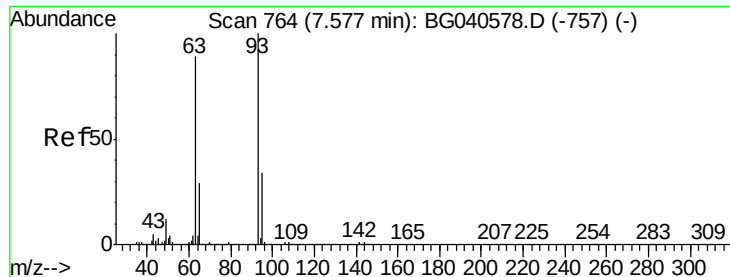


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 47.634 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

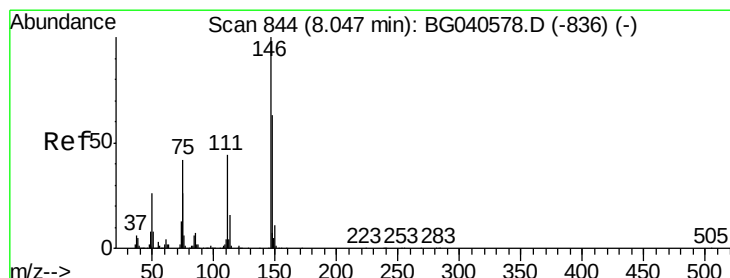
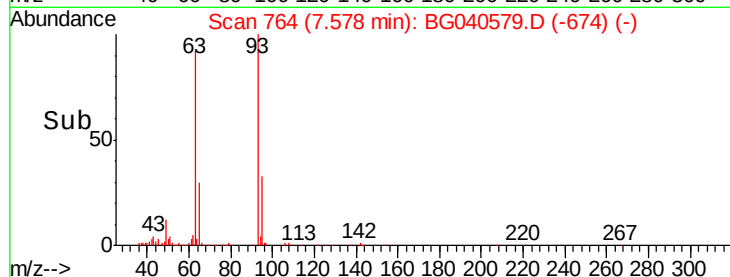
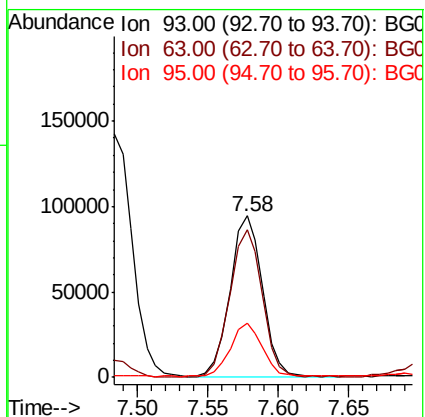
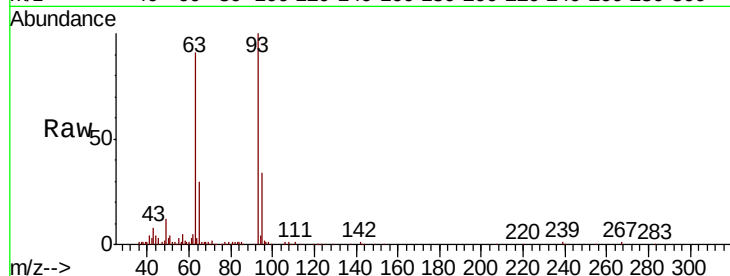
Tot Ion: 93 Resp: 150854

Ion Ratio Lower Upper

93 100

63 91.3 68.2 108.2

95 33.8 14.3 54.3



#12

1,3-Dichlorobenzene

Concen: 48.738 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

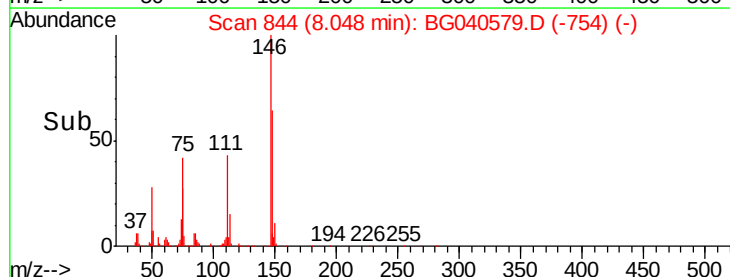
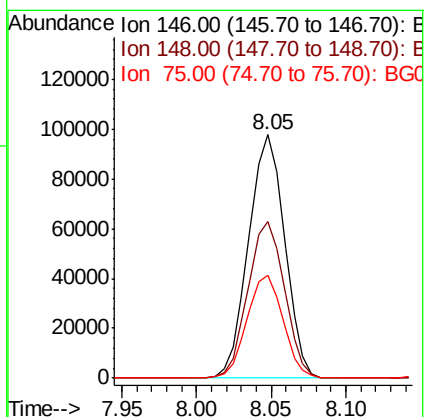
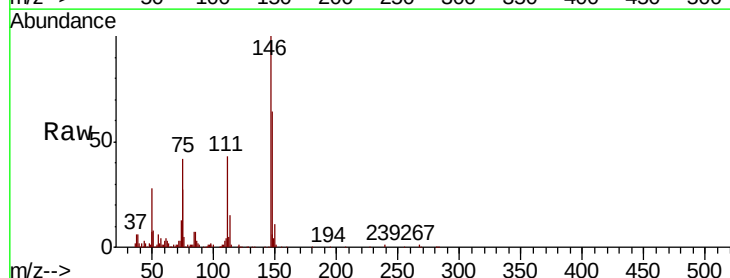
Tgt Ion: 146 Resp: 163480

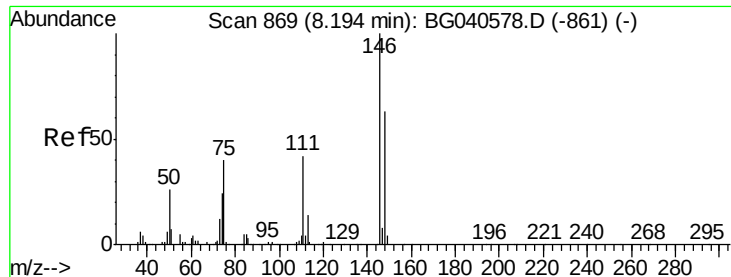
Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

75 42.4 33.4 50.2

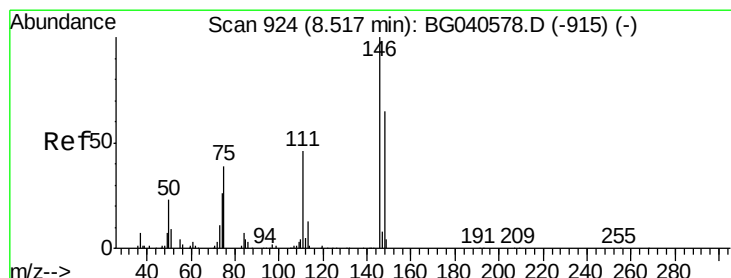
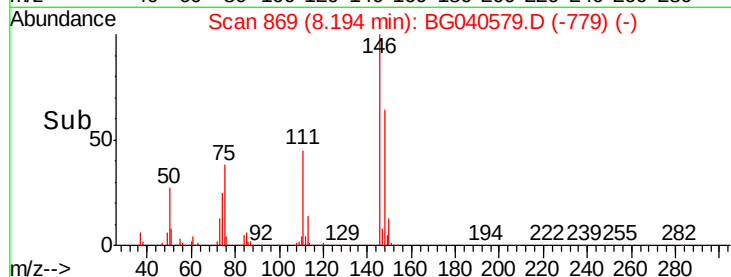
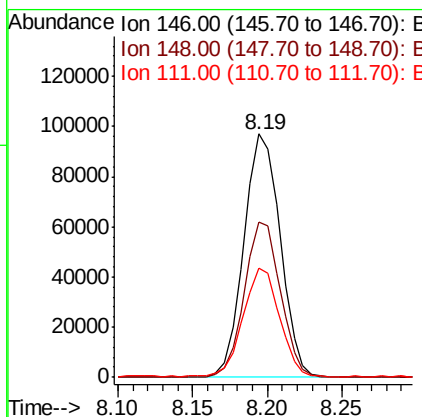
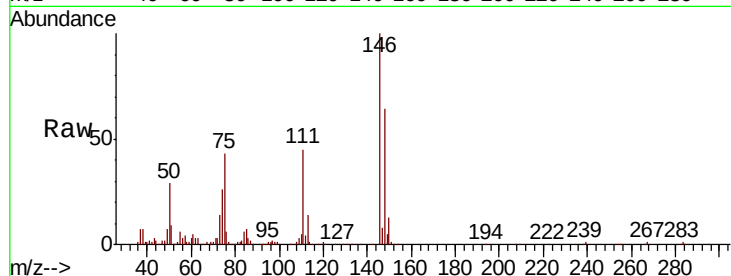




#13
 1,4-Dichlorobenzene
 Concen: 48.935 ng
 RT: 8.19 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

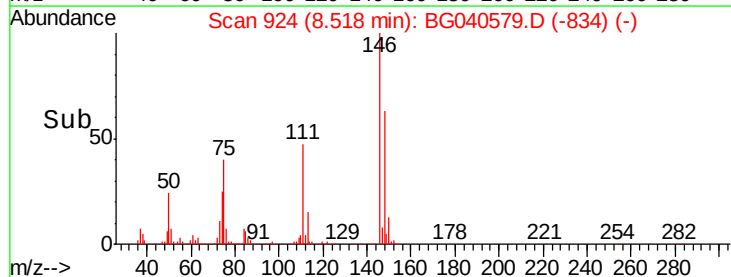
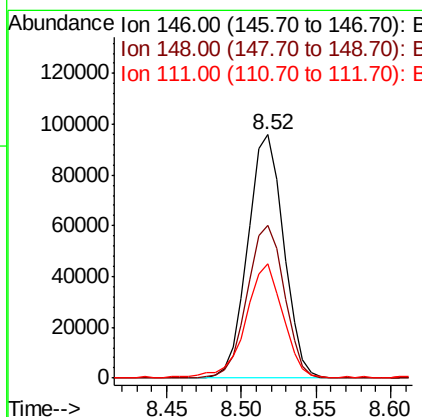
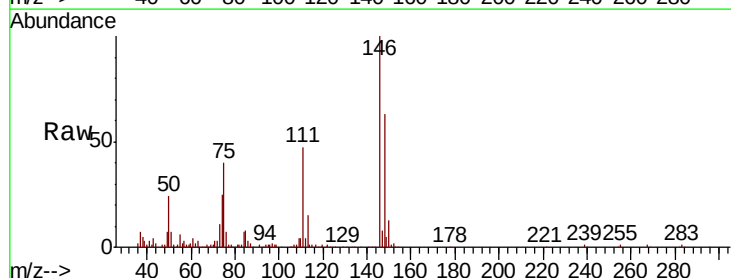
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

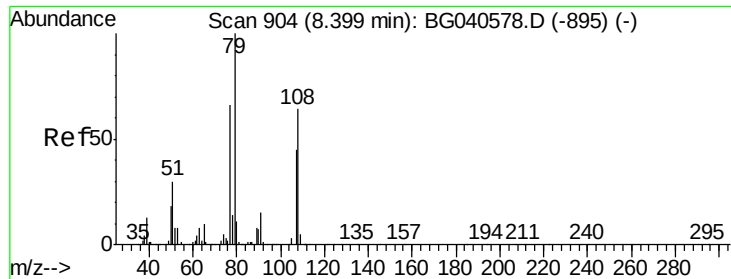
Tot Ion:146 Resp: 163481
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 45.1 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 49.826 ng
 RT: 8.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

Tgt Ion:146 Resp: 159183
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.4
 111 46.7 37.4 56.0





#15

Benzyl Alcohol

Concen: 66.565 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

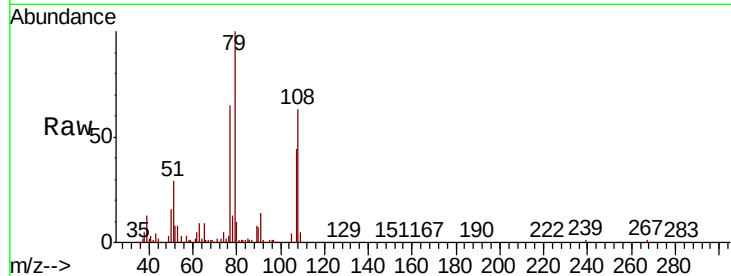
Tot Ion: 79 Resp: 195287

Ion Ratio Lower Upper

79 100

108 62.7 51.4 77.0

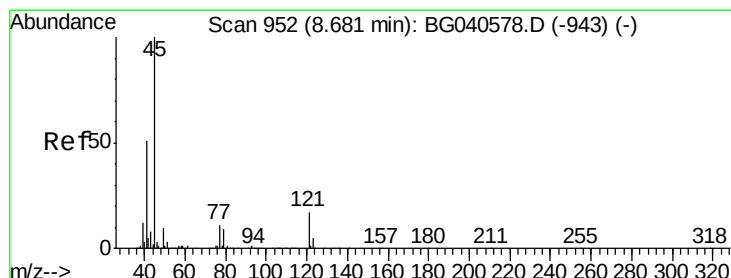
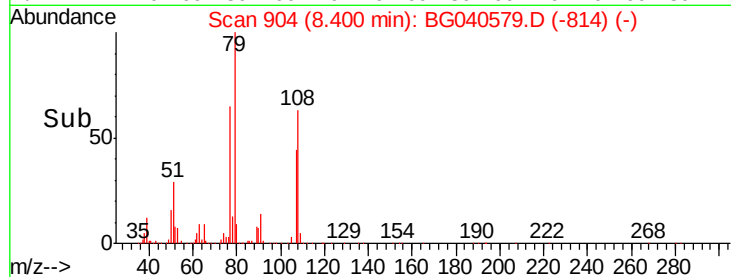
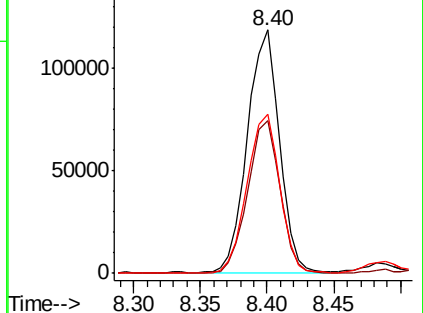
77 65.1 52.6 79.0



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: 49.123 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

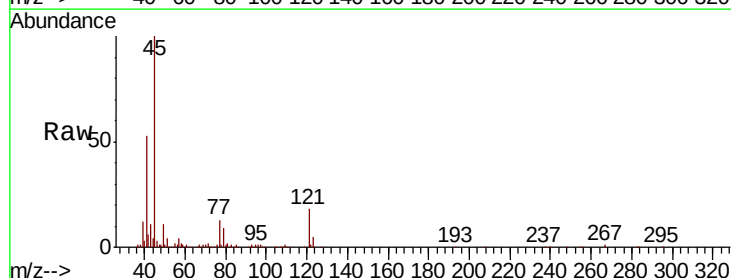
Tgt Ion: 45 Resp: 298569

Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.5

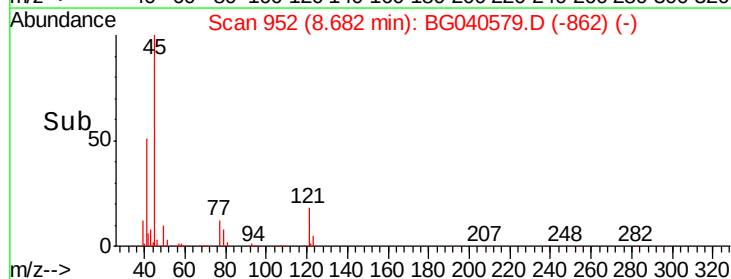
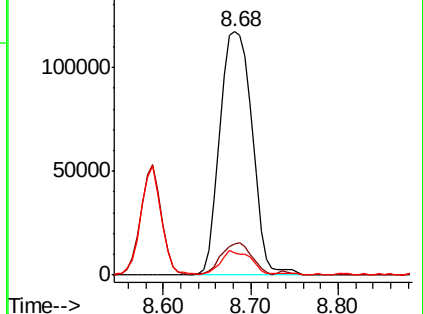
79 9.0 0.0 29.4

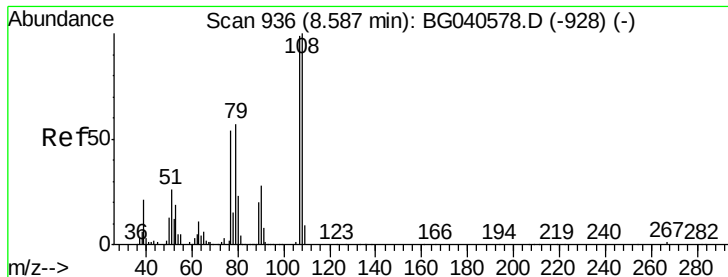


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 51.905 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tot Ion:107 Resp: 142019

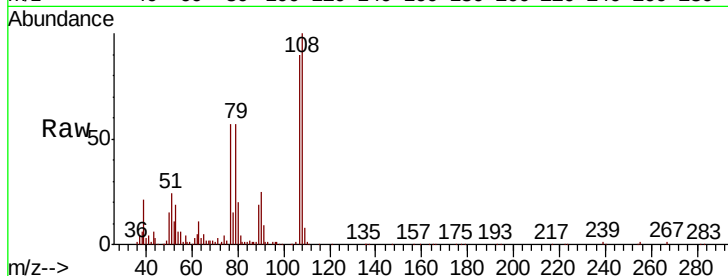
Ion Ratio Lower Upper

107 100

108 110.5 81.2 121.8

77 62.7 44.4 66.6

79 62.5 47.0 70.4

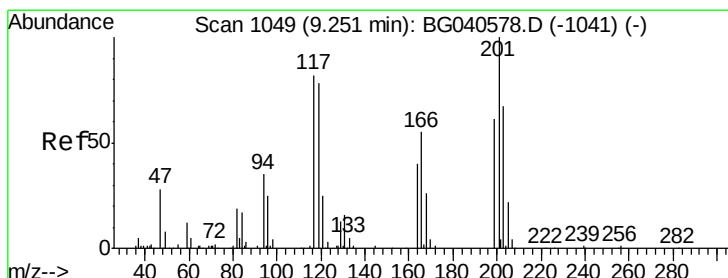
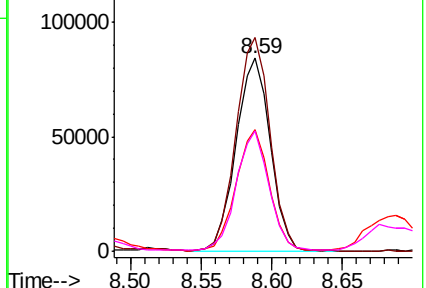
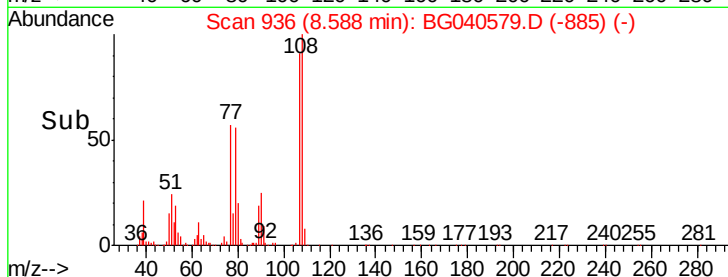


Abundance Ion 107.00 (106.70 to 107.70): E

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: 52.848 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

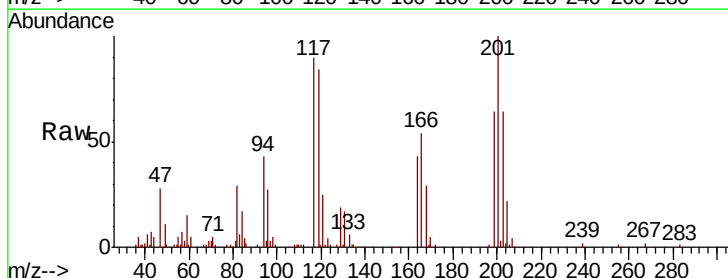
Tgt Ion:117 Resp: 67157

Ion Ratio Lower Upper

117 100

119 95.3 76.6 114.8

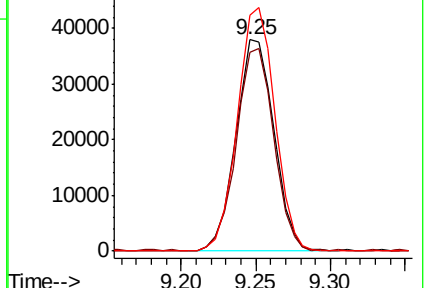
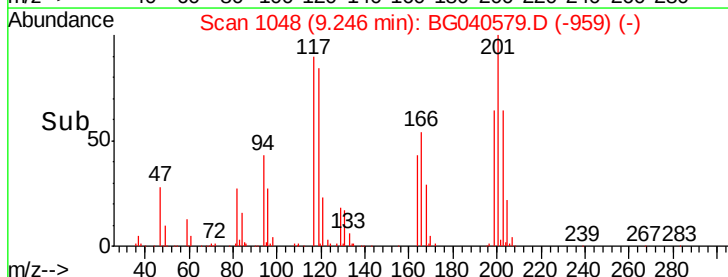
201 115.6 101.0 151.6

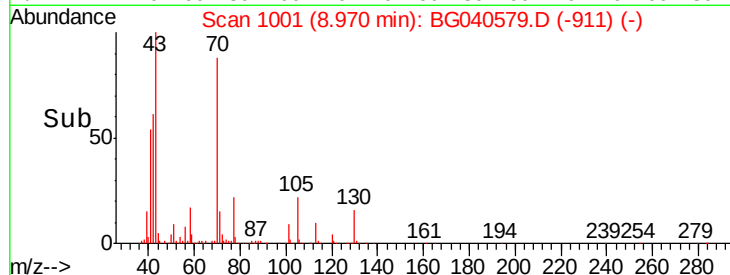
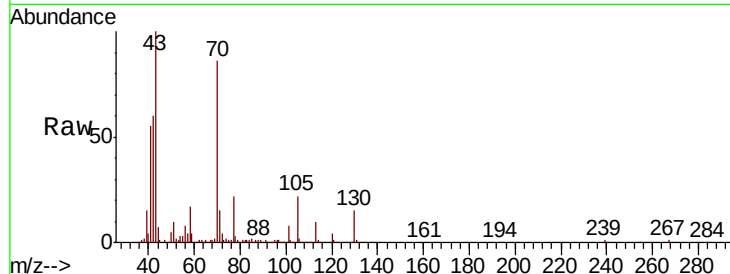
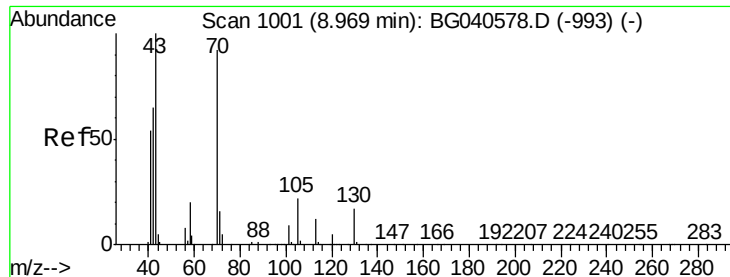


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

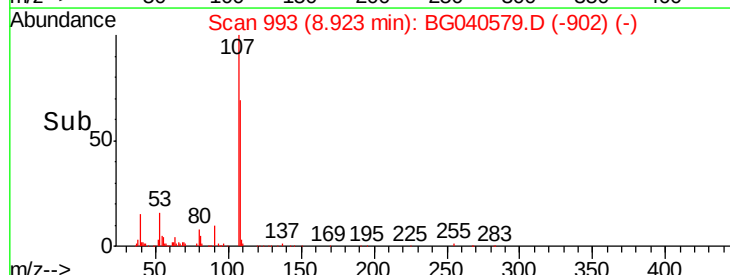
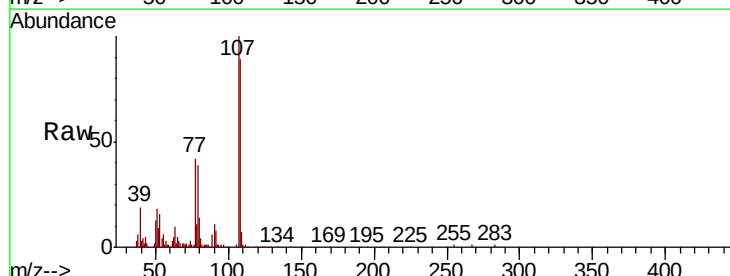
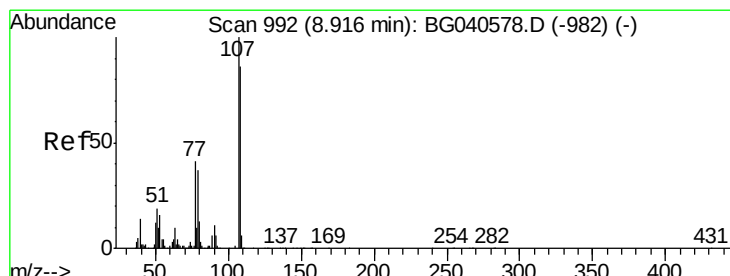
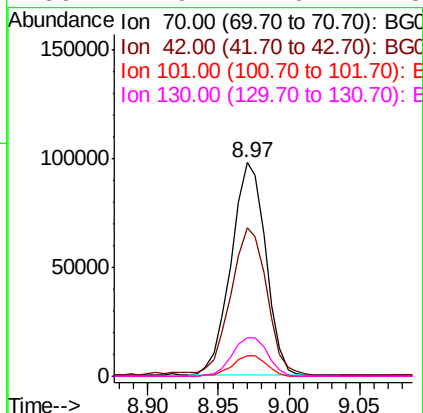




#19
n-Nitroso-di-n-propylamine
Concen: 64.167 ng
RT: 8.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

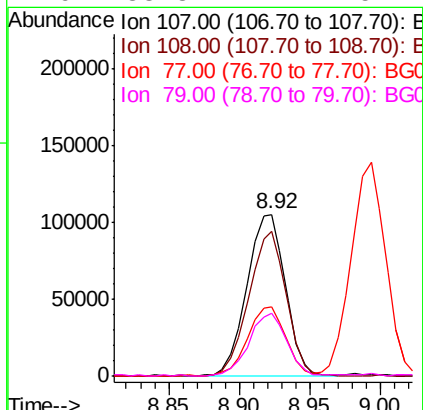
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

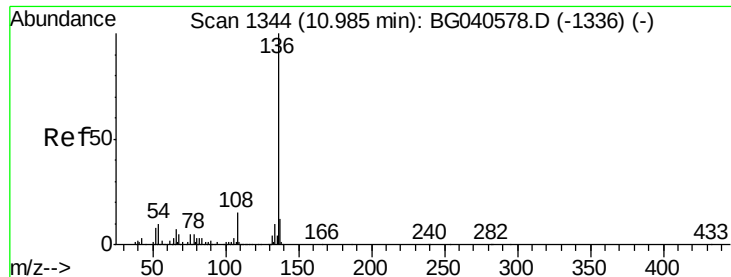
Tot Ion:	70	Resp:	167597
Ion	Ratio	Lower	Upper
70	100		
42	69.7	57.1	85.7
101	9.9	7.8	11.8
130	17.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 54.051 ng
RT: 8.92 min Scan# 993
Delta R.T. 0.01 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion:	107	Resp:	200348
Ion	Ratio	Lower	Upper
107	100		
108	89.4	66.1	106.1
77	42.4	21.6	61.6
79	38.8	17.4	57.4

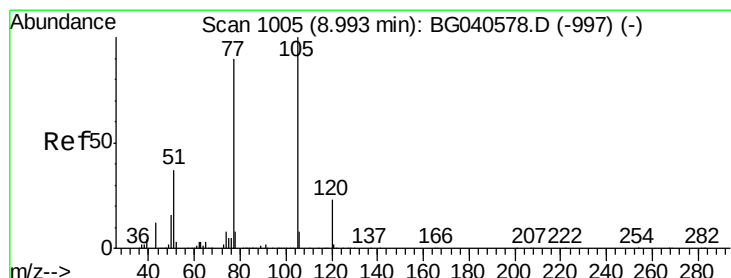
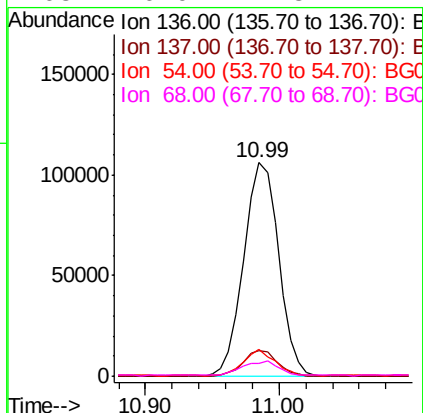
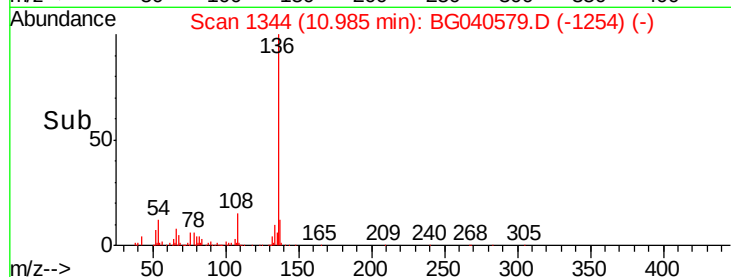
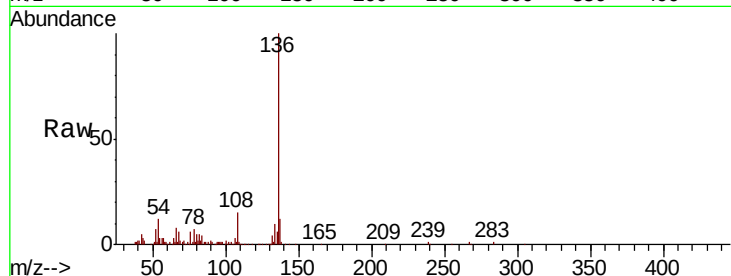




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

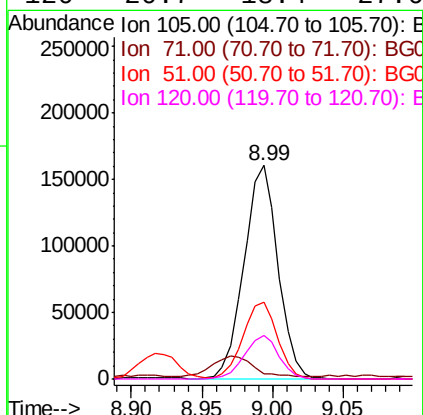
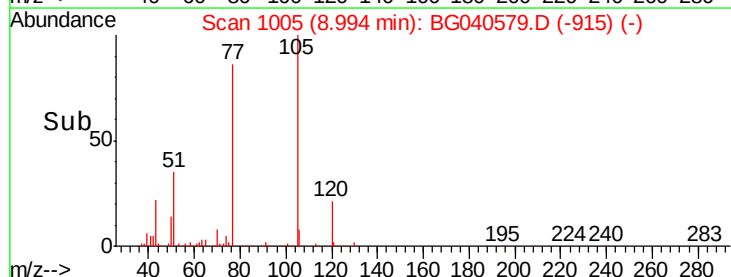
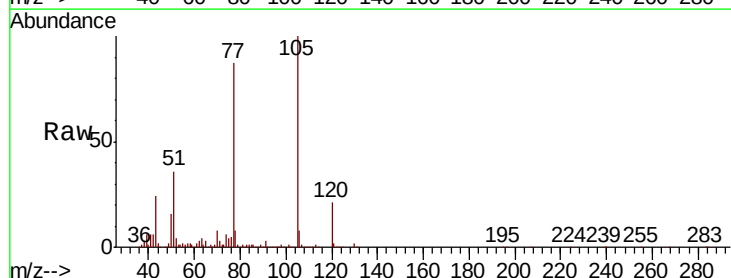
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

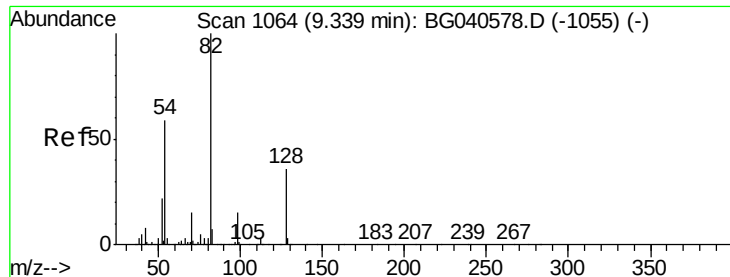
Tot Ion:136	Resp:	192554	
Ion Ratio	Lower	Upper	
136 100			
137 11.7	9.7	14.5	
54 12.3	8.6	12.8	
68 6.0	4.8	7.2	



#22
Acetophenone
Concen: 56.178 ng
RT: 8.99 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt	Ion:105	Resp:	269838
Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.8	2.8
51	35.8	29.8	44.8
120	20.7	18.4	27.6

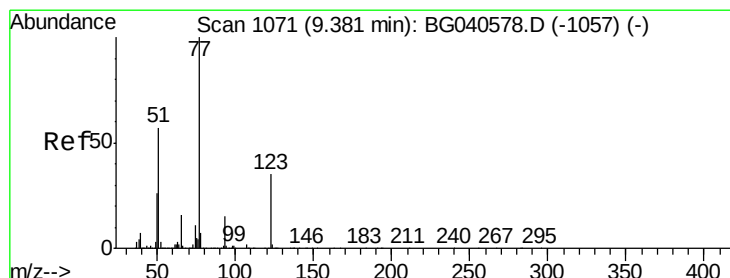
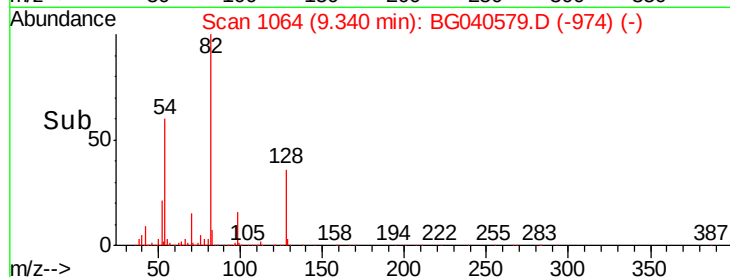
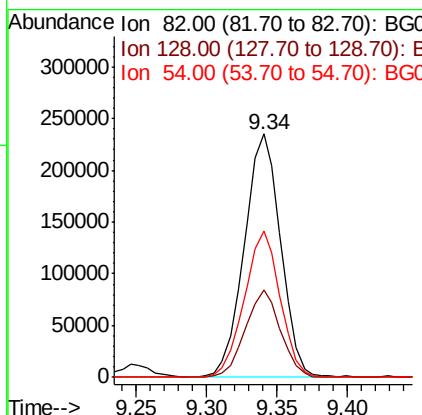
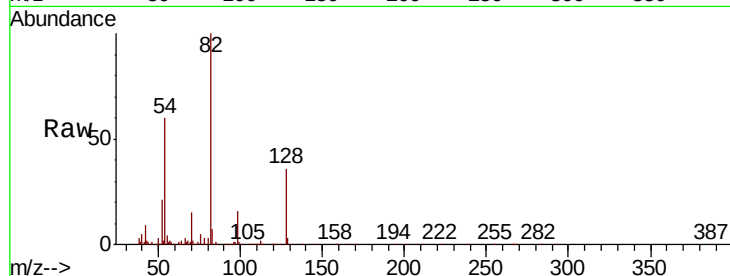




#23
 Nitrobenzene-d5
 Concen: 116.266 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

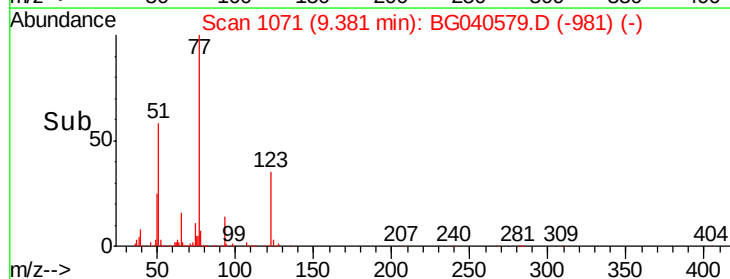
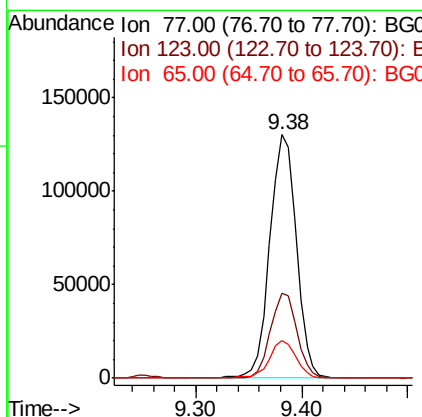
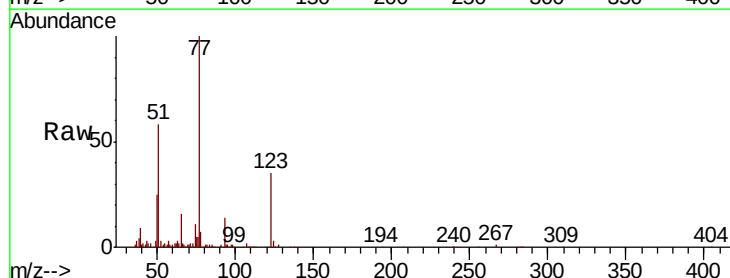
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

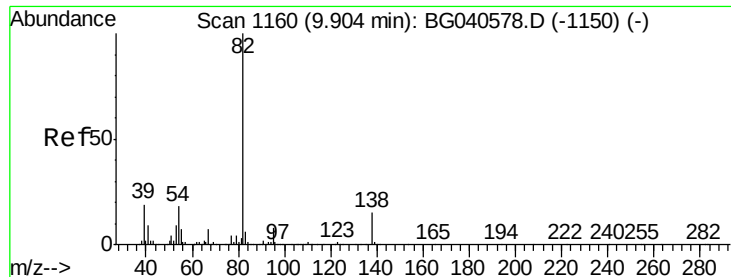
Tot Ion	82	Resp	421185
Ion Ratio	Lower	Upper	
82	100		
128	35.8	28.9	43.3
54	60.1	47.2	70.8



#24
 Nitrobenzene
 Concen: 59.966 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

Tgt Ion	77	Resp	224950
Ion Ratio	Lower	Upper	
77	100		
123	34.7	27.8	41.6
65	15.5	12.4	18.6





#25

Isophorone

Concen: 61.849 ng

RT: 9.90 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

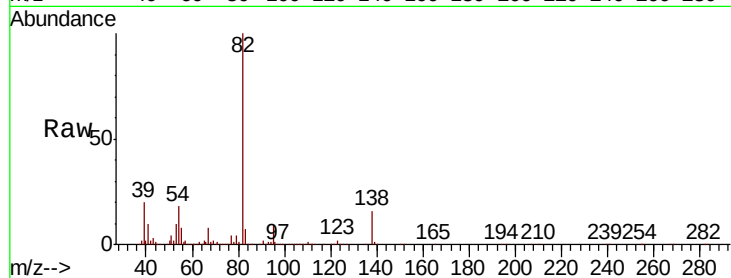
Tot Ion: 82 Resp: 461007

Ion Ratio Lower Upper

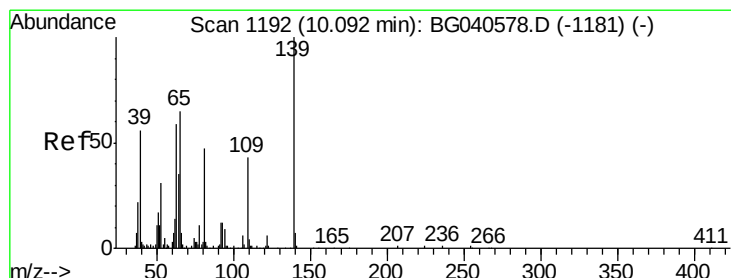
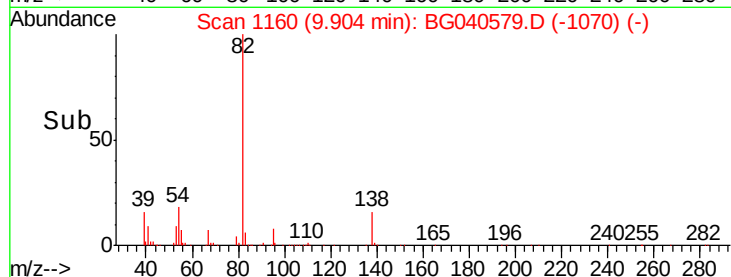
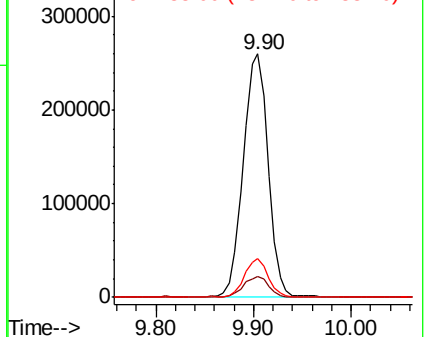
82 100

95 8.7 6.9 10.3

138 15.8 12.3 18.5



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: 45.470 ng

RT: 10.09 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

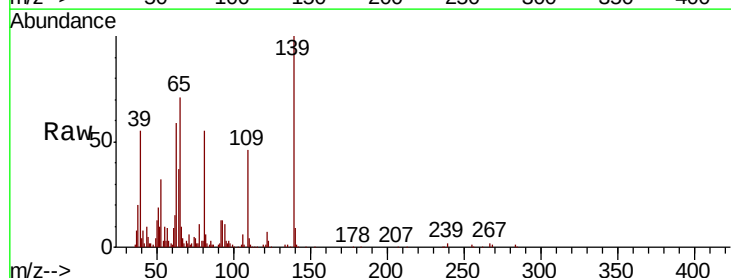
Tgt Ion: 139 Resp: 80824

Ion Ratio Lower Upper

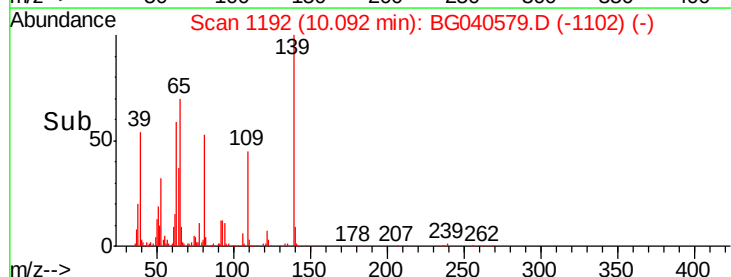
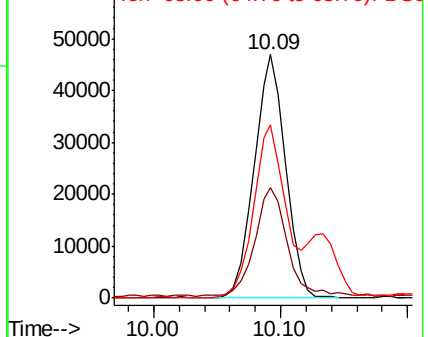
139 100

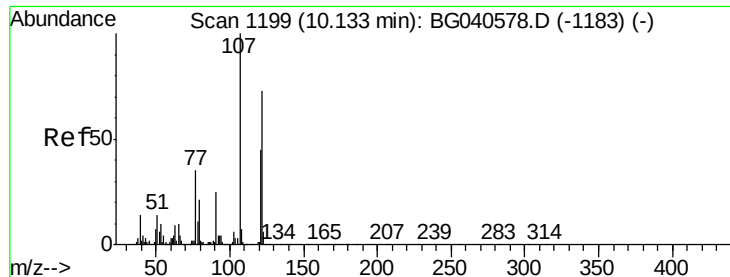
109 45.6 35.6 53.4

65 70.9 52.3 78.5



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: 53.489 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

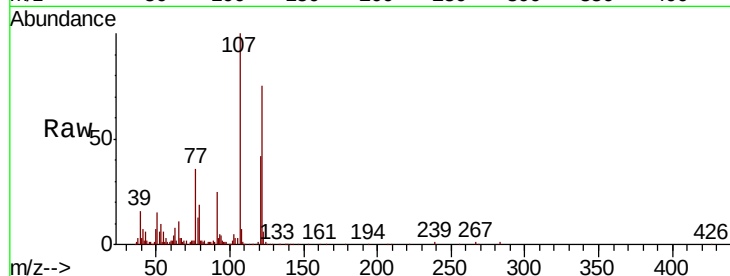
Tot Ion:122 Resp: 151024

Ion Ratio Lower Upper

122 100

107 133.6 110.1 165.1

121 56.5 49.4 74.0

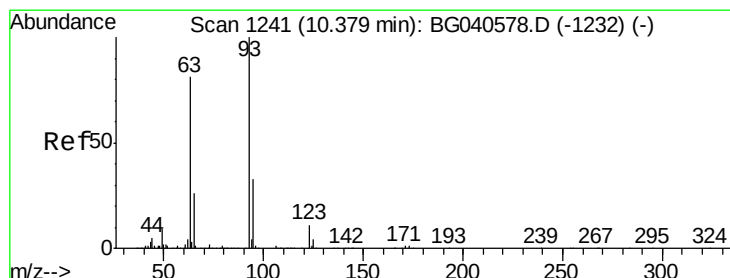
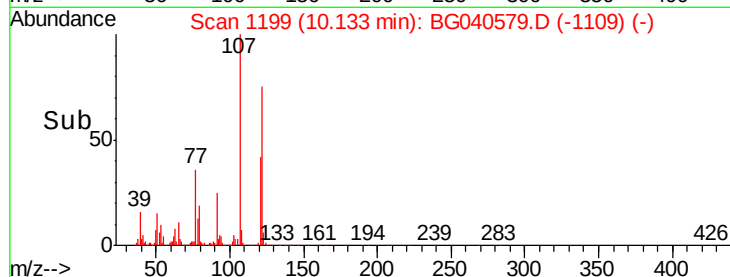
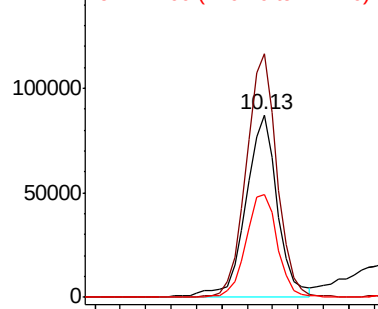


Abundance

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: 51.961 ng

RT: 10.38 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

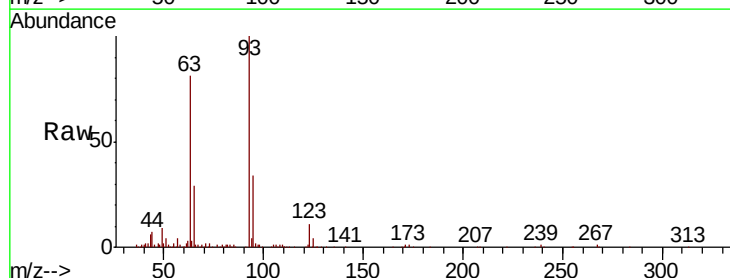
Tgt Ion: 93 Resp: 229140

Ion Ratio Lower Upper

93 100

95 33.6 26.6 40.0

123 11.5 9.0 13.4

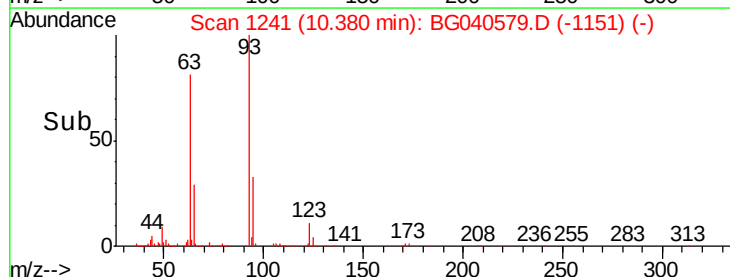
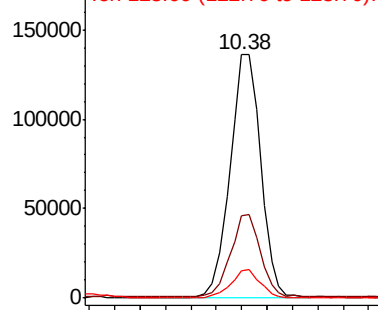


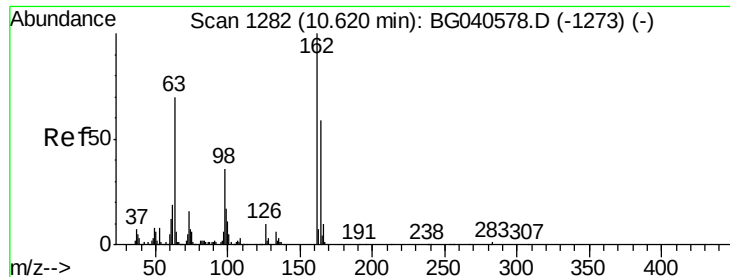
Abundance

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: 56.811 ng

RT: 10.62 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

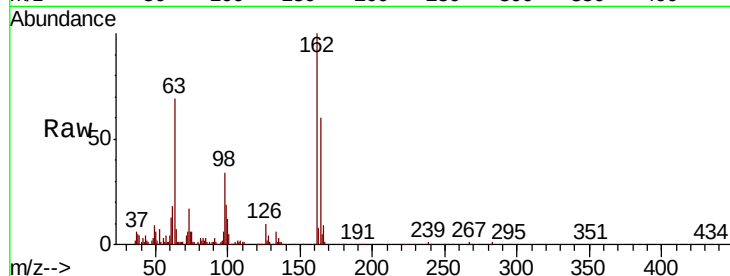
Tot Ion:162 Resp: 174108

Ion Ratio Lower Upper

162 100

164 59.7 38.9 78.9

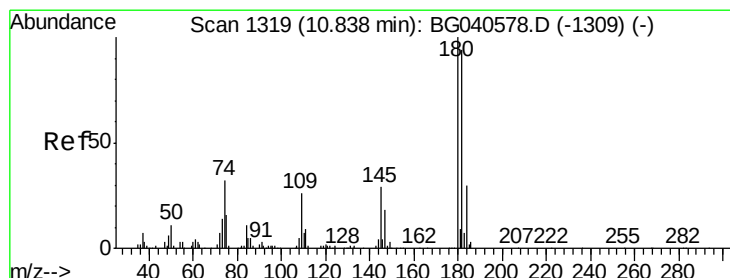
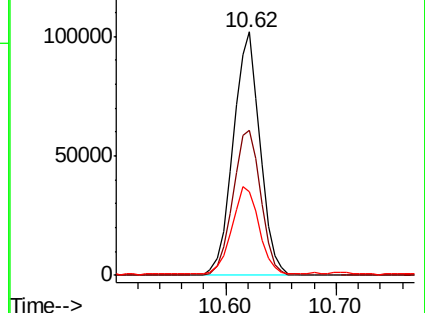
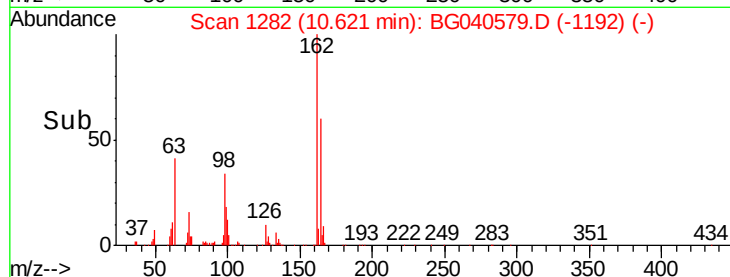
98 34.5 16.8 56.8



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: 55.422 ng

RT: 10.84 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

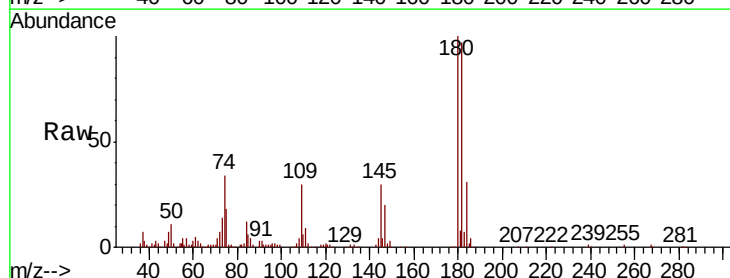
Tgt Ion:180 Resp: 186503

Ion Ratio Lower Upper

180 100

182 96.7 75.2 112.8

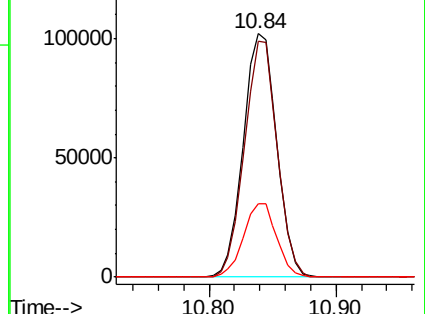
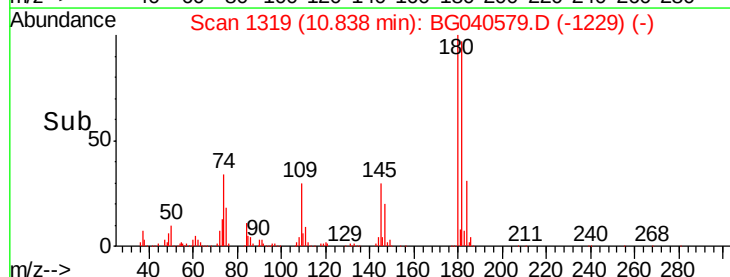
145 30.2 23.6 35.4

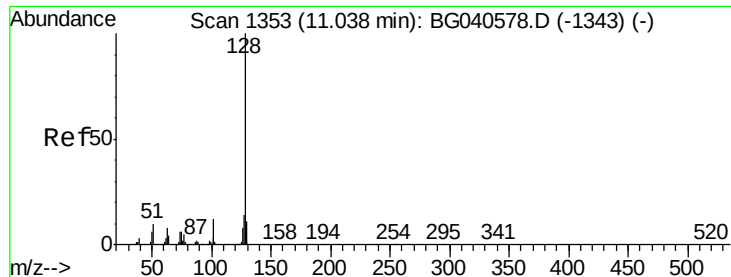


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.082 ng

RT: 11.04 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

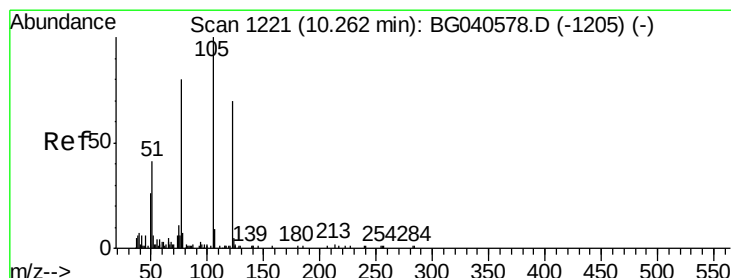
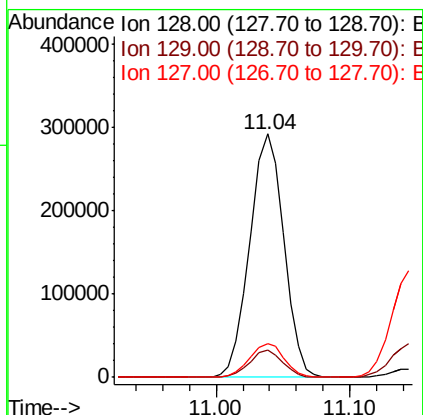
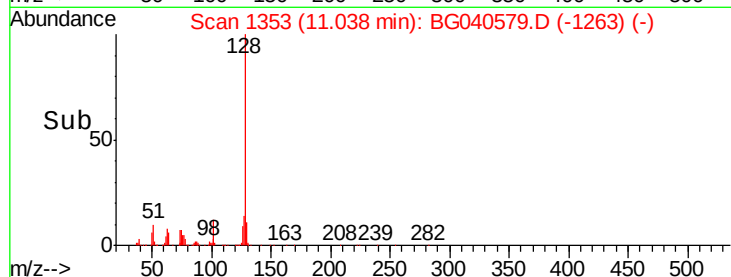
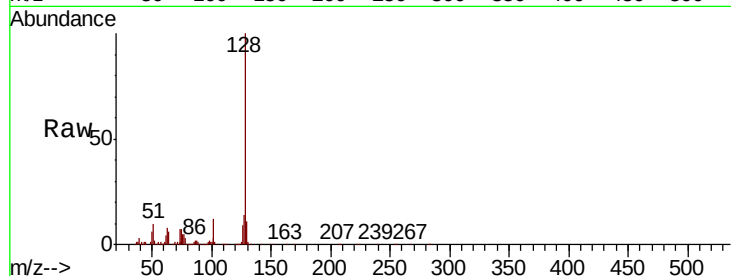
Tot Ion:128 Resp: 514034

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

127 14.0 11.3 16.9



#32

Benzoic acid

Concen: 61.016 ng

RT: 10.26 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

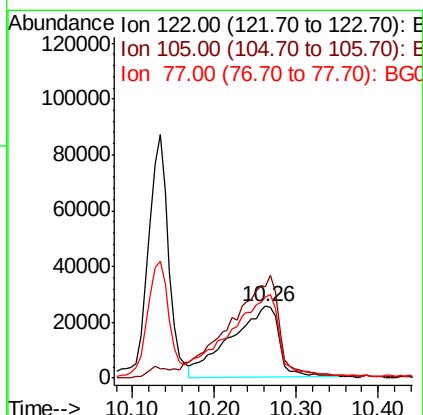
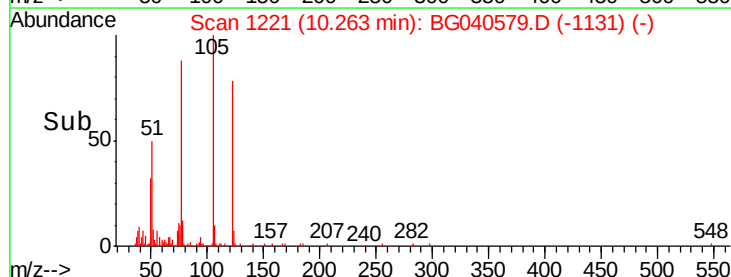
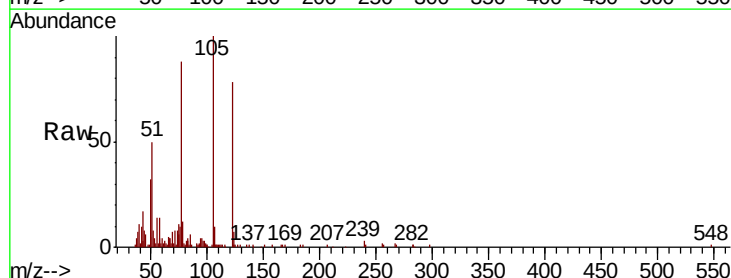
Tgt Ion:122 Resp: 104089

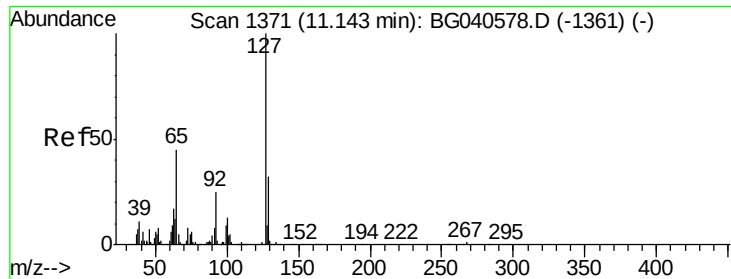
Ion Ratio Lower Upper

122 100

105 127.7 110.9 150.9

77 112.6 87.6 127.6

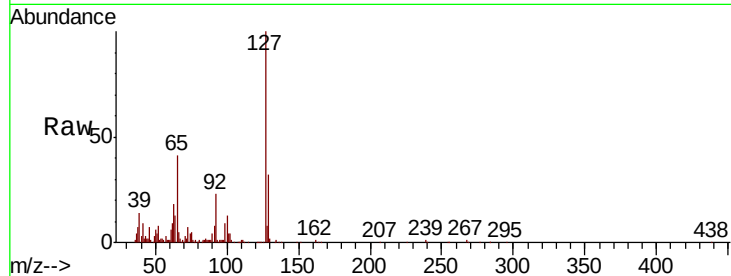




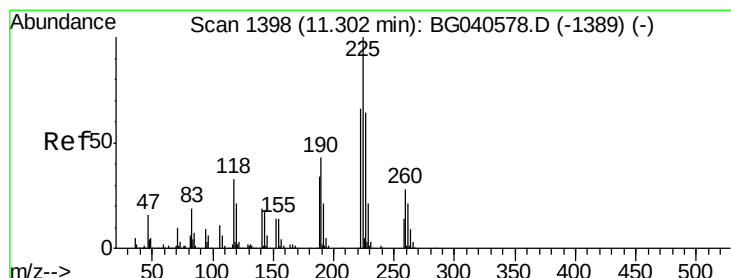
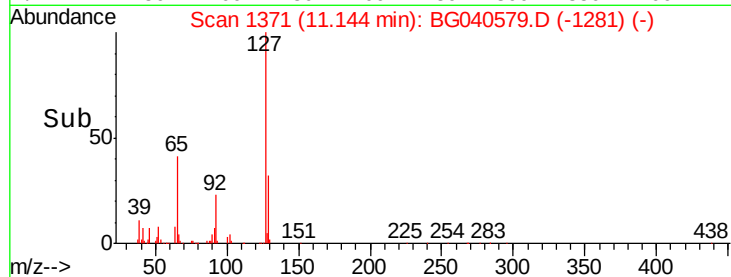
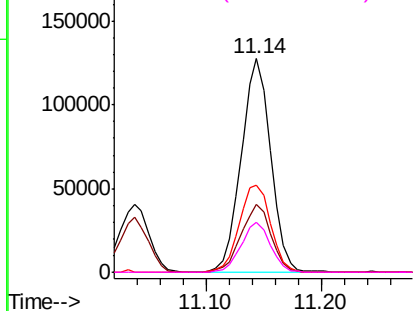
#33
4-Chloroaniline
Concen: 53.454 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion:127	Resp:	225041
Ion	Ratio	Lower Upper
127	100	
129	31.9	25.7 38.5
65	40.9	36.1 54.1
92	23.1	20.1 30.1

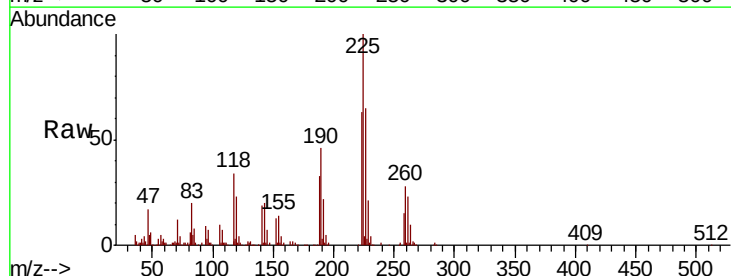


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

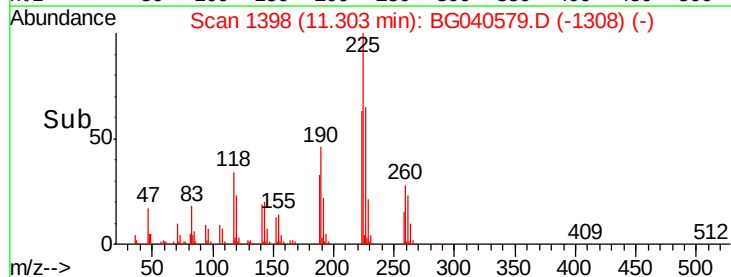
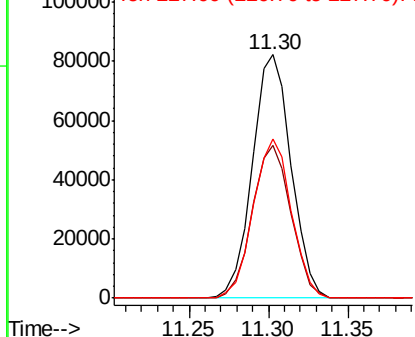


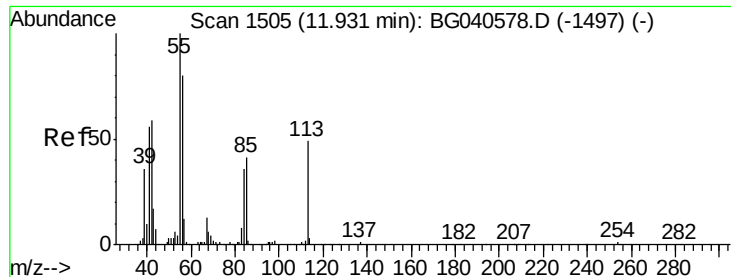
#34
Hexachlorobutadiene
Concen: 64.775 ng
RT: 11.30 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion:225	Resp:	139406
Ion	Ratio	Lower Upper
225	100	
223	60.5	50.4 75.6
227	62.6	51.0 76.6



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

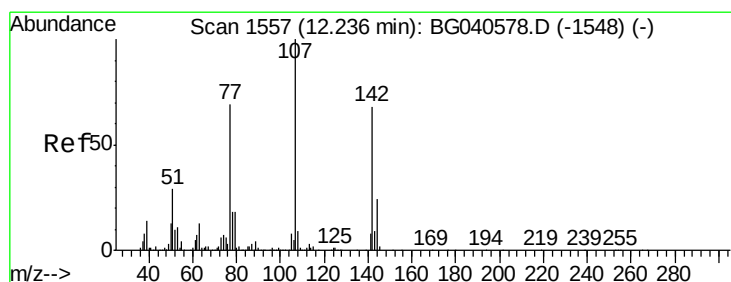
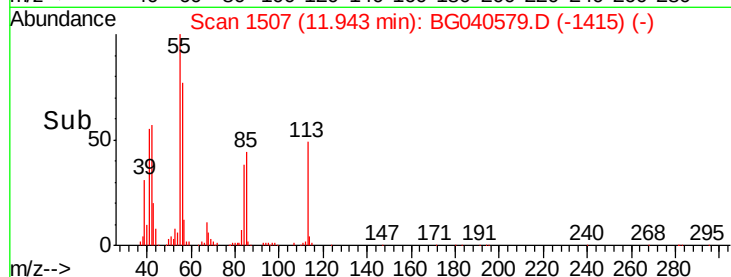
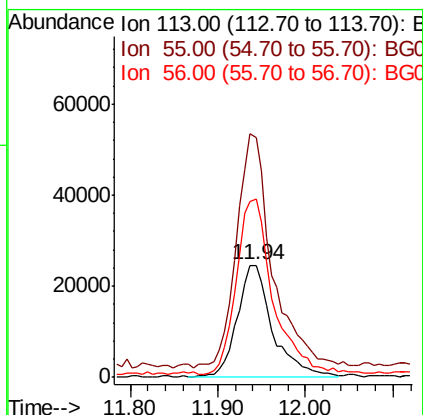
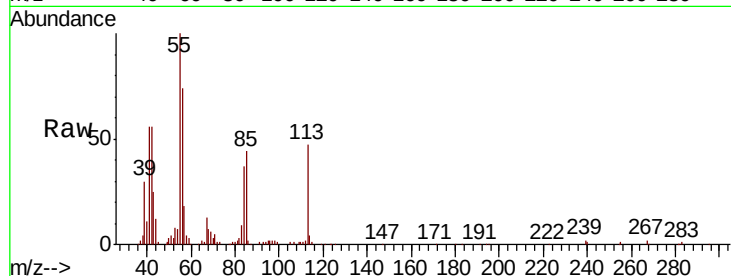




#35
 Caprolactam
 Concen: 55.805 ng
 RT: 11.94 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

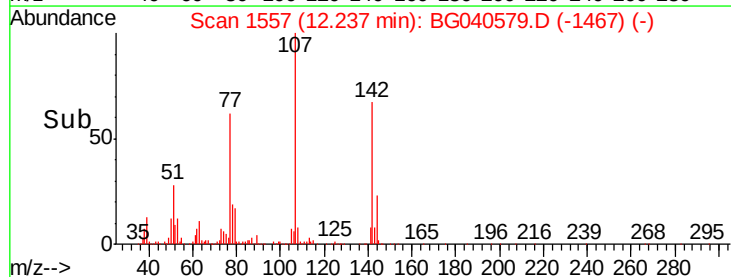
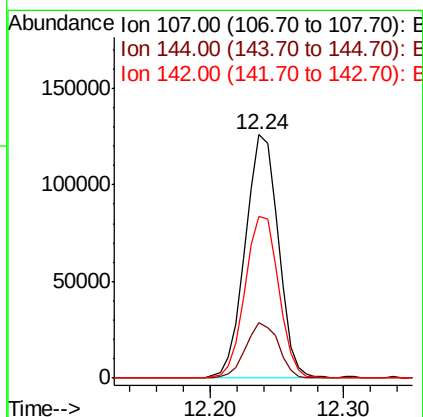
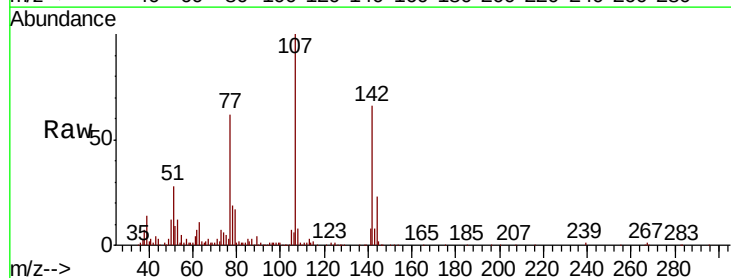
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

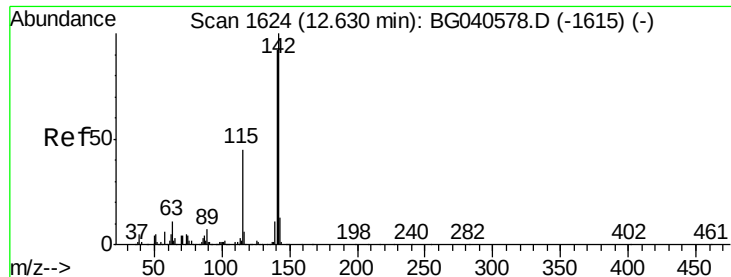
Tot Ion:113 Resp: 67870
 Ion Ratio Lower Upper
 113 100
 55 212.9 198.6 238.6
 56 158.3 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 61.217 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

Tgt Ion:107 Resp: 215683
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 66.3 54.6 81.8

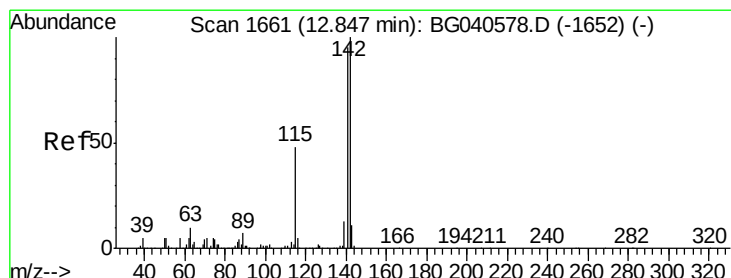
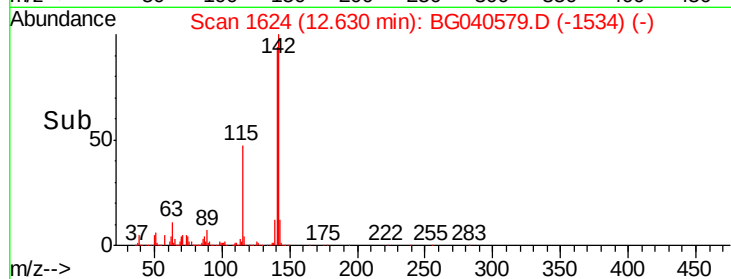
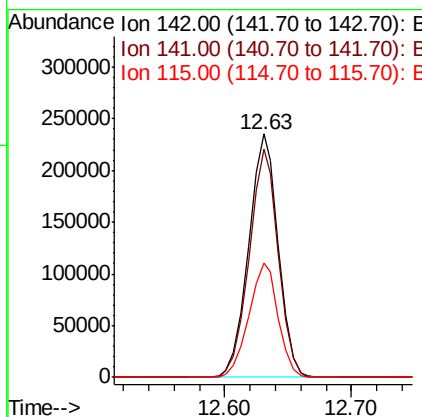
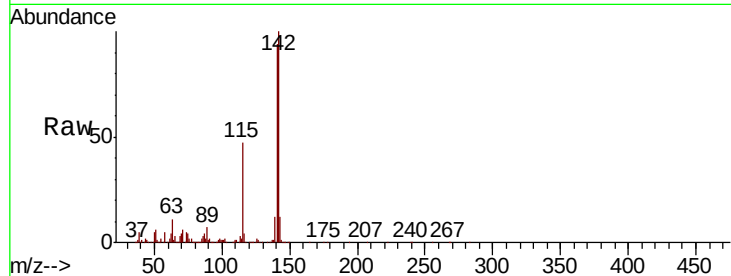




#37
2-Methylnaphthalene
Concen: 51.992 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

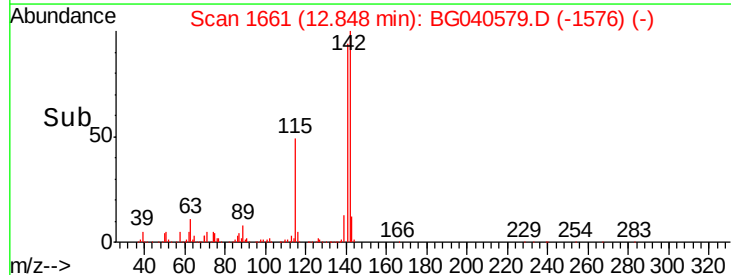
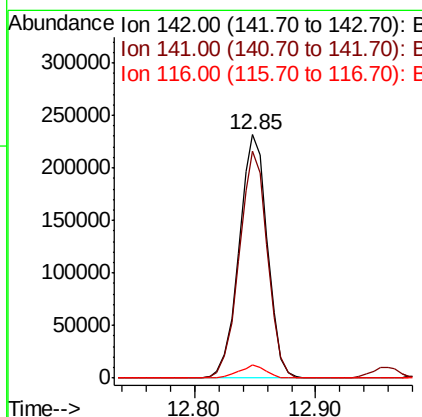
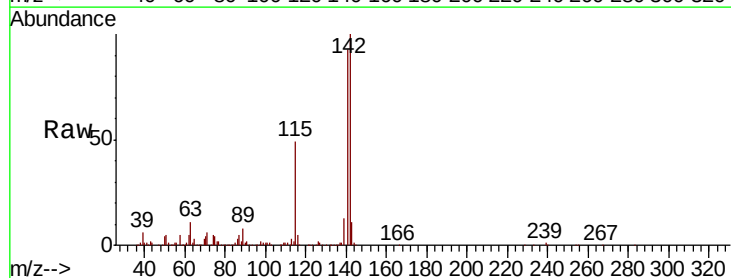
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

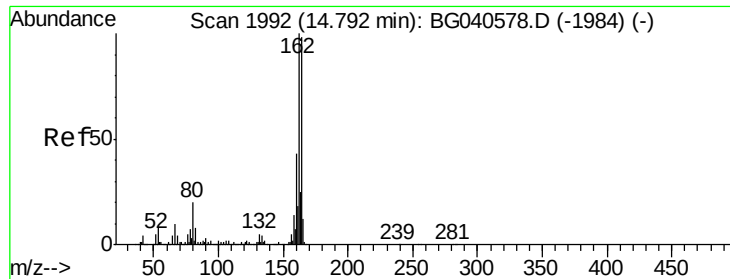
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.4	110.2
115	46.8	36.2	54.4



#38
1-Methylnaphthalene
Concen: 53.130 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.9	113.9
116	5.2	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

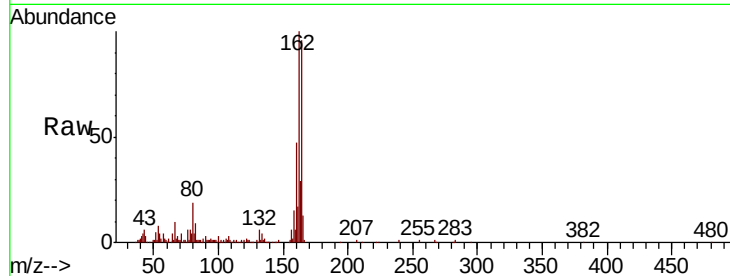
Tot Ion:164 Resp: 133492

Ion Ratio Lower Upper

164 100

162 103.8 81.9 122.9

160 49.0 35.4 53.2

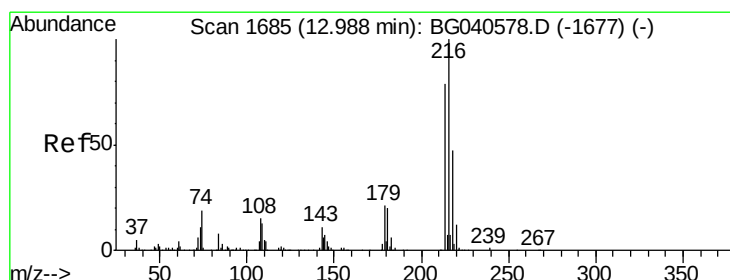
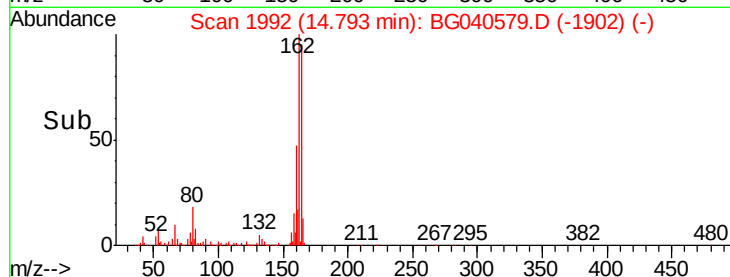
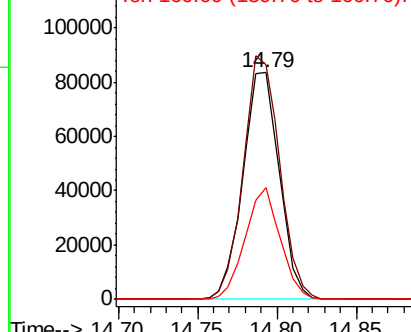


Abundance

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: 59.721 ng

RT: 12.99 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Tgt Ion:216 Resp: 253385

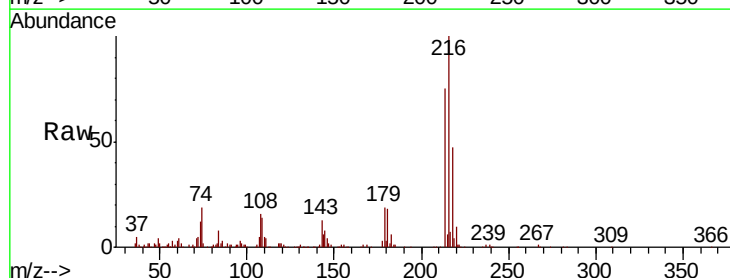
Ion Ratio Lower Upper

216 100

214 77.4 63.7 95.5

179 20.2 16.6 24.8

108 18.5 14.7 22.1



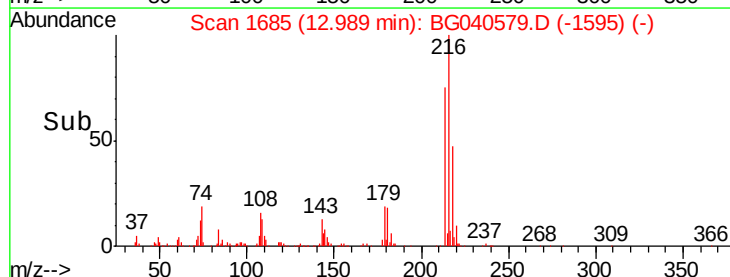
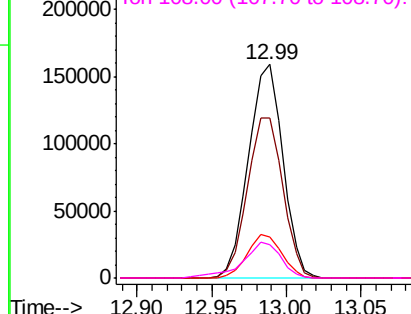
Abundance

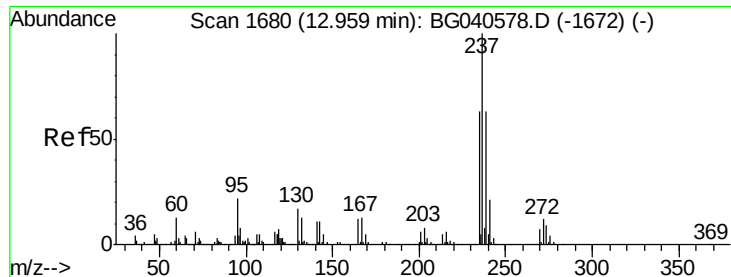
Ion 216.00 (215.70 to 216.70): E

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: 64.536 ng

RT: 12.96 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

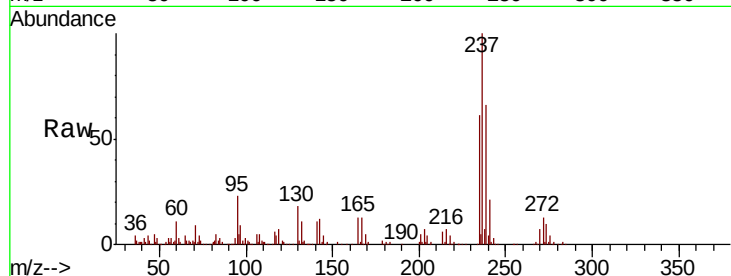
Tot Ion:237 Resp: 150345

Ion Ratio Lower Upper

237 100

235 60.9 42.5 82.5

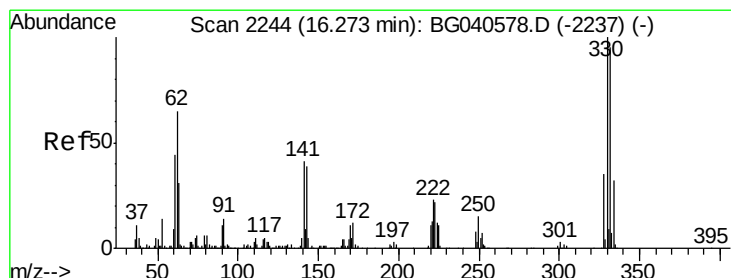
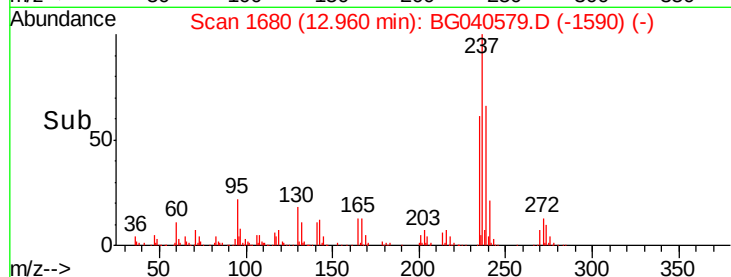
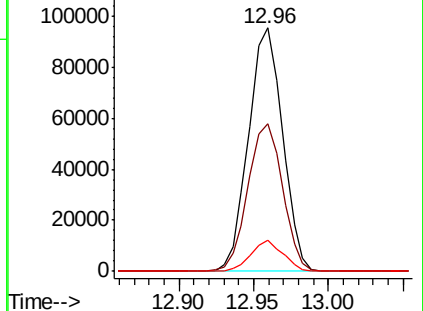
272 12.9 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.508 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

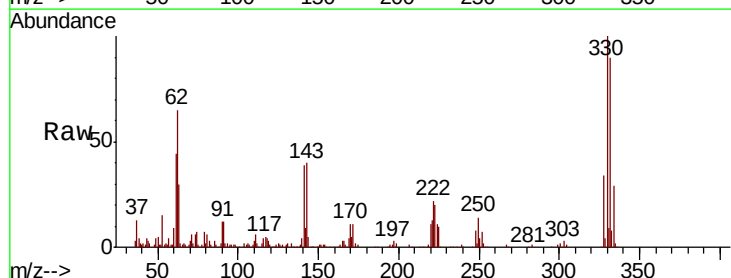
Tgt Ion:330 Resp: 185398

Ion Ratio Lower Upper

330 100

332 94.7 75.9 113.9

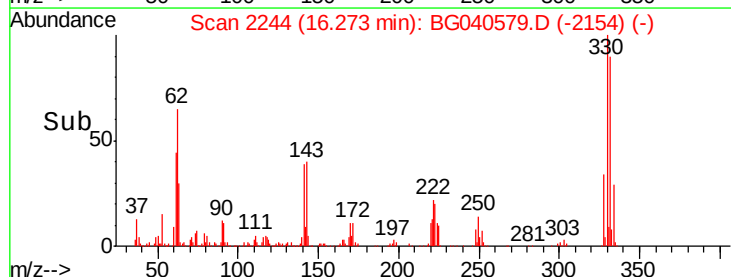
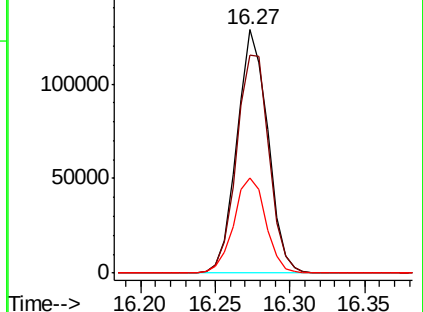
141 40.6 32.4 48.6

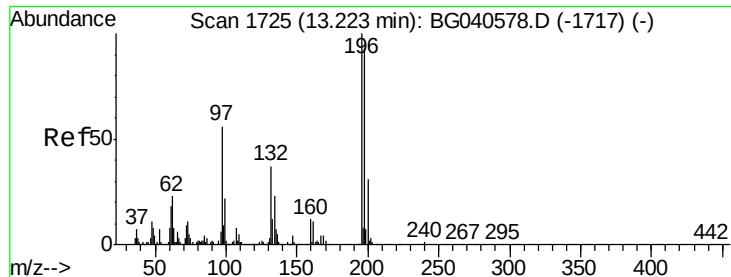


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

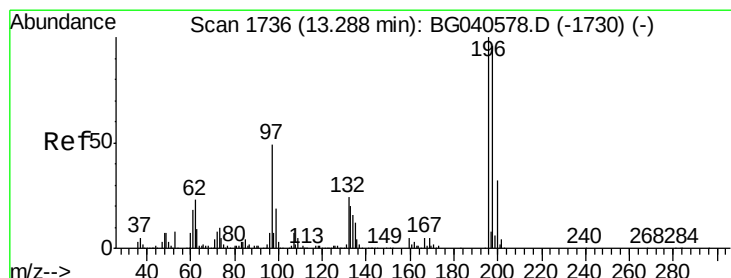
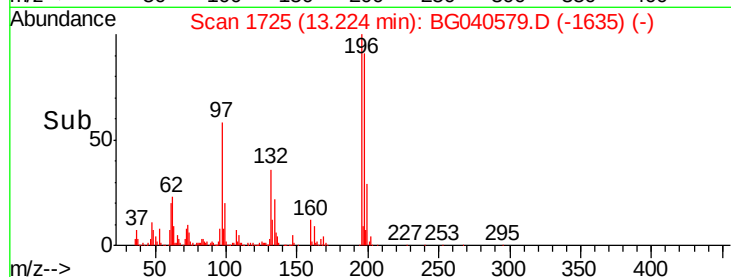
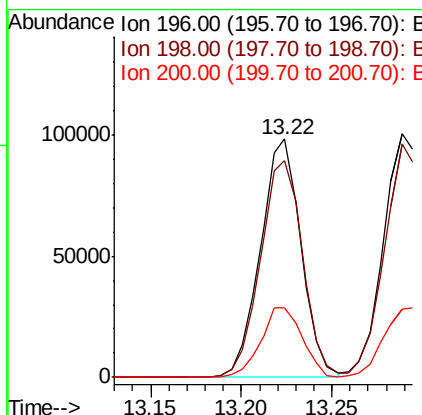
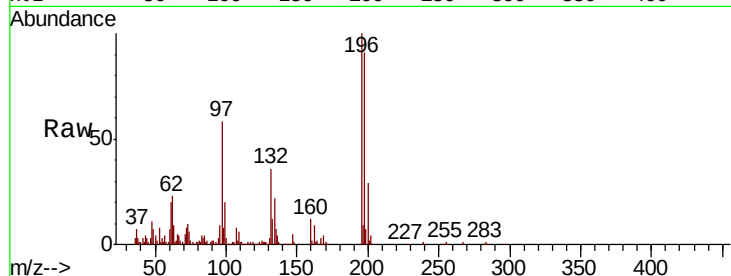




#43
2,4,6-Trichlorophenol
Concen: 55.918 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

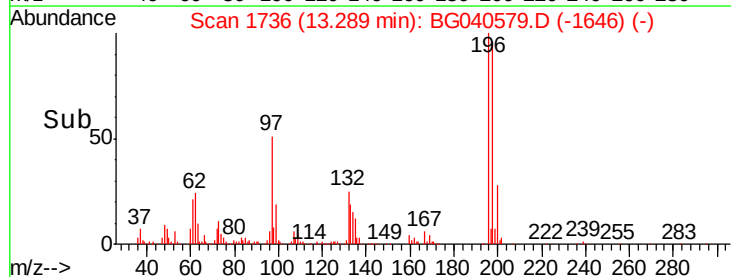
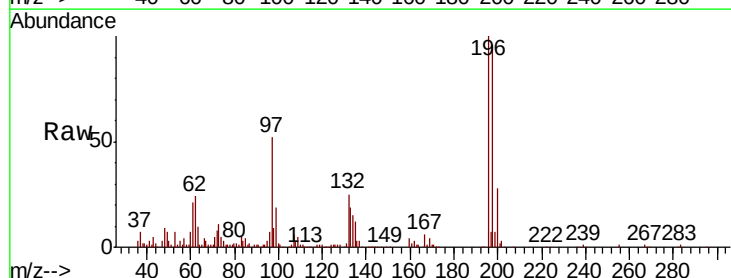
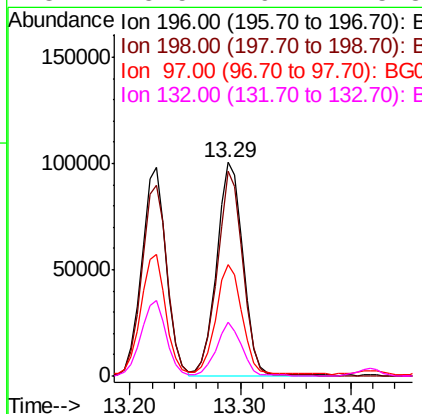
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

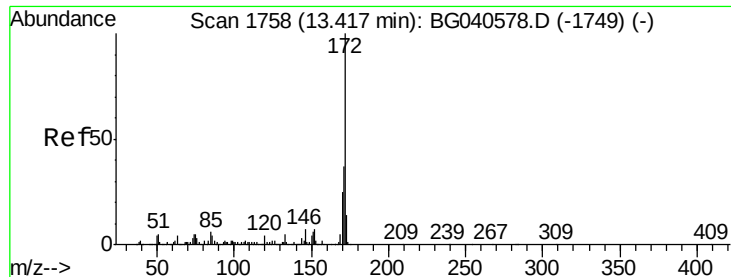
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.0	74.8	112.2
200	29.4	24.9	37.3



#44
2,4,5-Trichlorophenol
Concen: 55.902 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.0	115.6
97	52.1	40.0	60.0
132	25.5	19.2	28.8

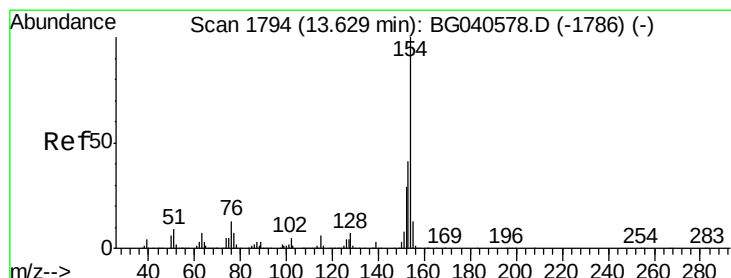
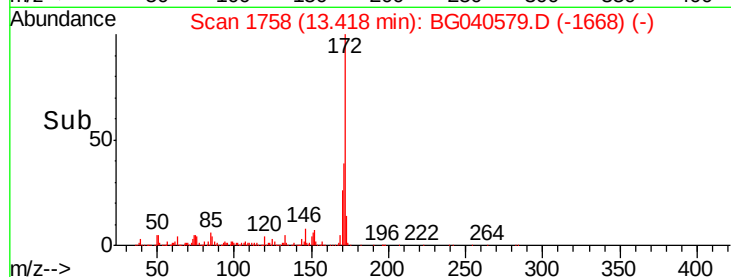
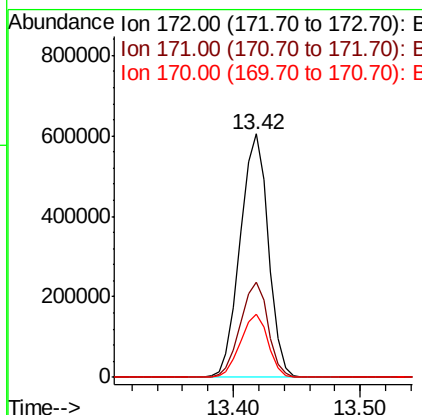
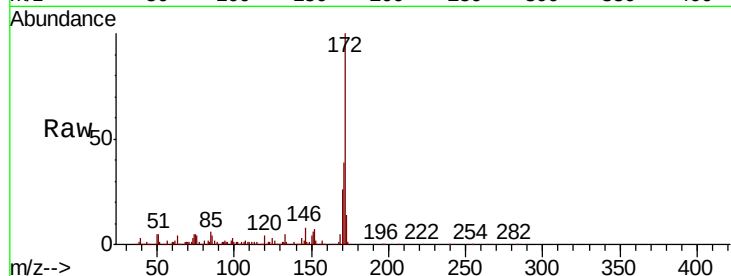




#45
2-Fluorobiphenyl
Concen: 103.073 ng
RT: 13.42 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

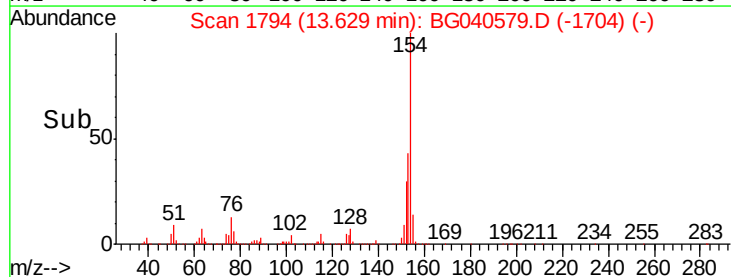
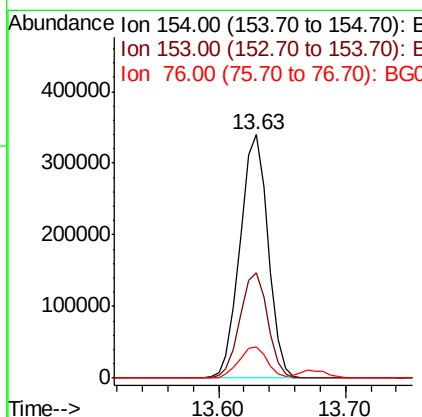
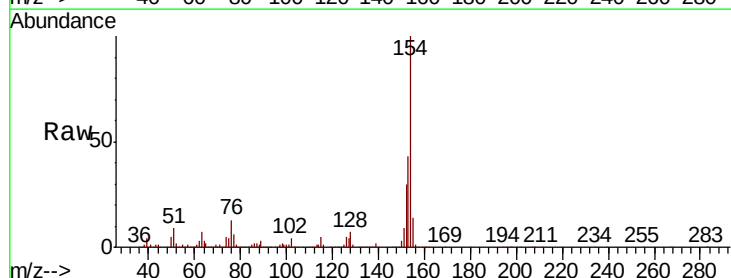
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

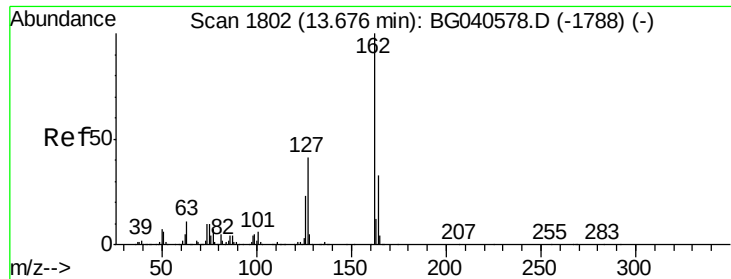
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	25.9	19.9	29.9



#46
1,1'-Biphenyl
Concen: 49.337 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	20.5	60.5
76	12.8	0.0	32.5

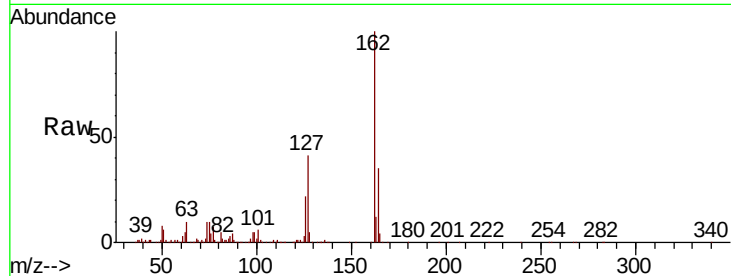




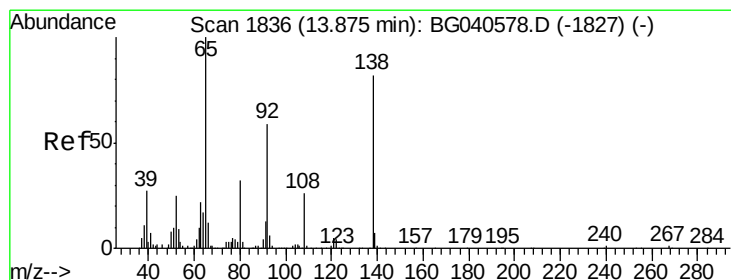
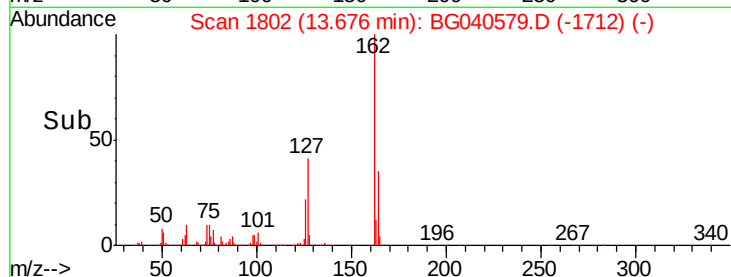
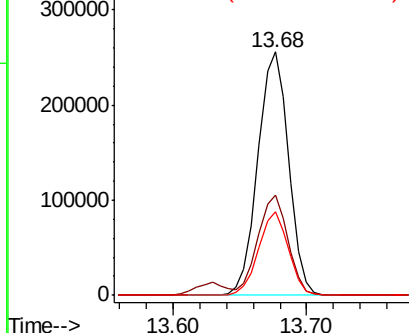
#47
 2-Chloronaphthalene
 Concen: 50.225 ng
 RT: 13.68 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.0	49.4
164	34.5	26.8	40.2

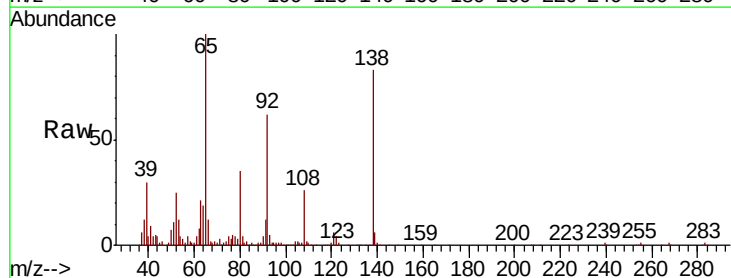


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

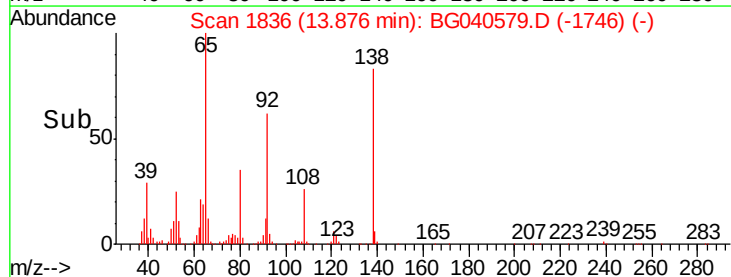
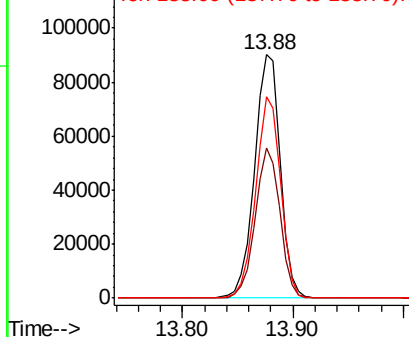


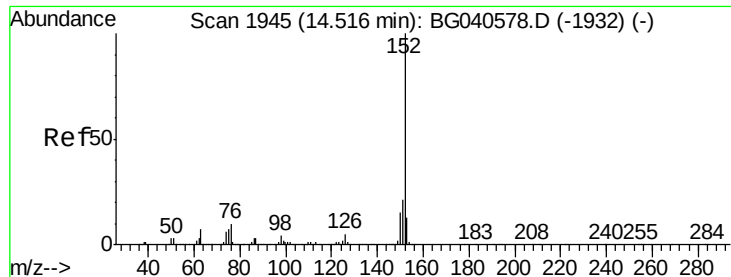
#48
 2-Nitroaniline
 Concen: 54.243 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	47.4	71.0
138	82.9	66.1	99.1



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: 50.155 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampled :

SSTDICC050

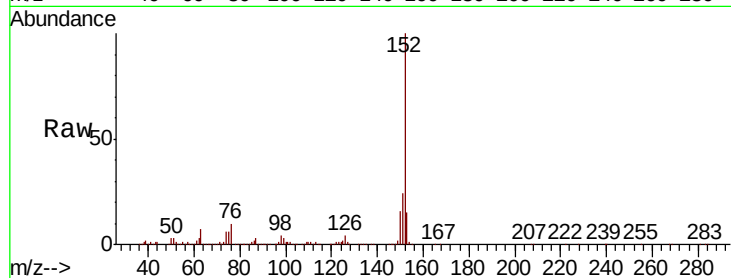
Tot Ion:152 Resp: 688013

Ion Ratio Lower Upper

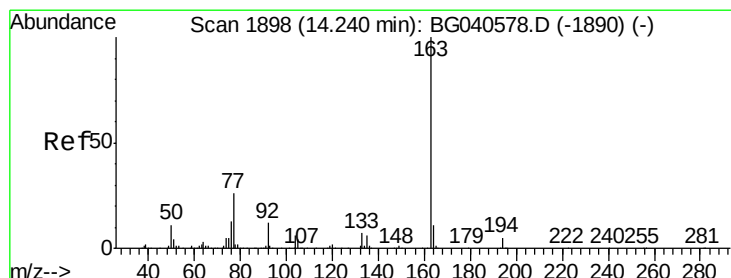
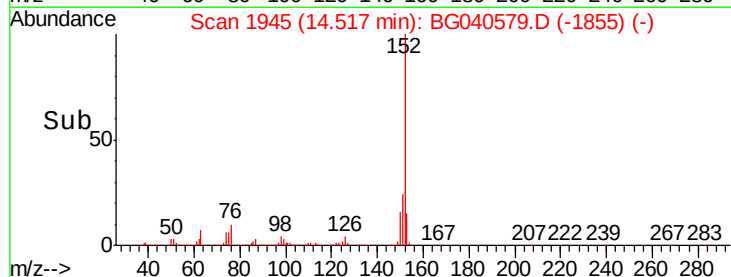
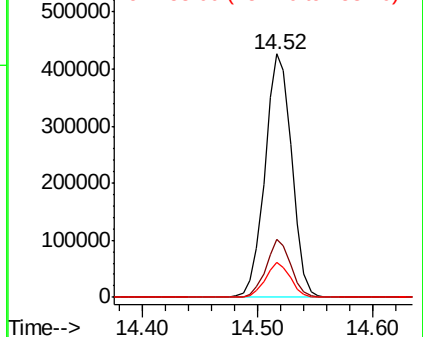
152 100

151 23.6 17.2 25.8

153 14.5 10.7 16.1



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: 53.344 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

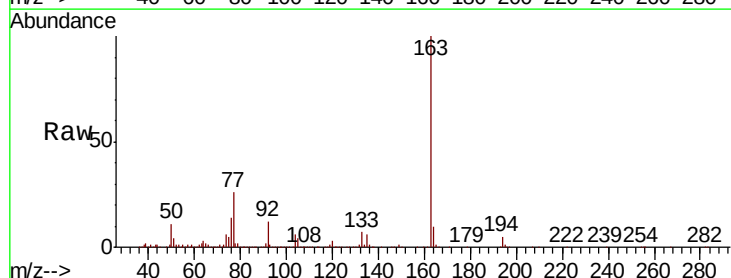
Tgt Ion:163 Resp: 557321

Ion Ratio Lower Upper

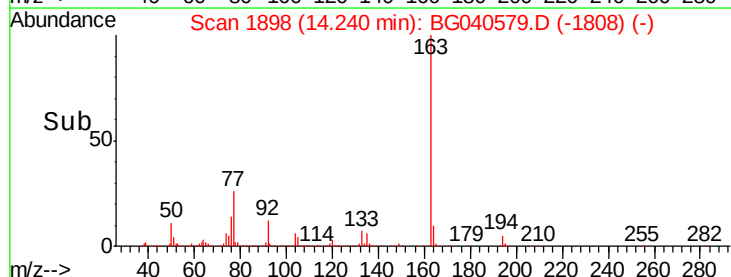
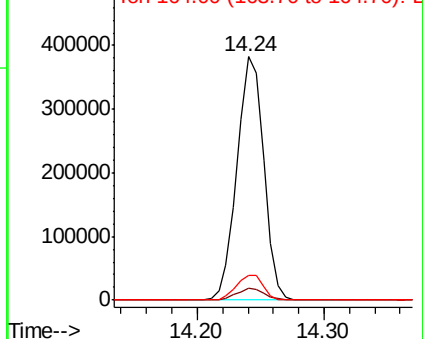
163 100

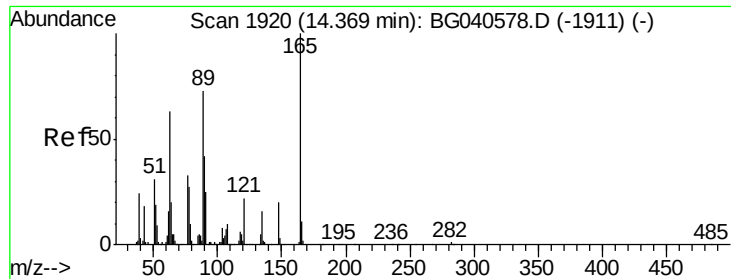
194 4.7 3.8 5.8

164 10.0 8.8 13.2



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: 47.490 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

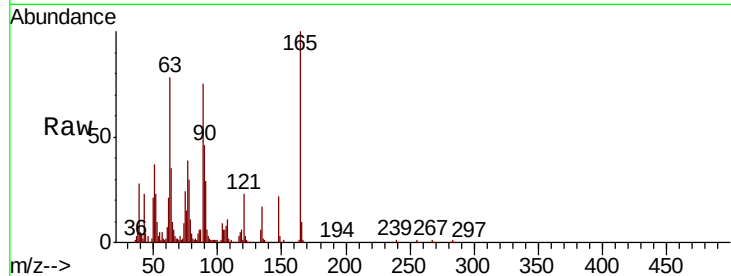
Tot Ion:165 Resp: 111406

Ion Ratio Lower Upper

165 100

63 77.7 61.0 91.4

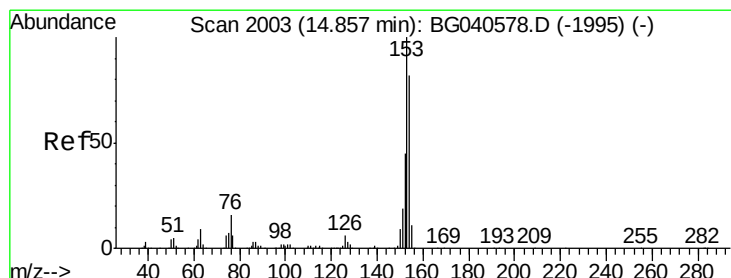
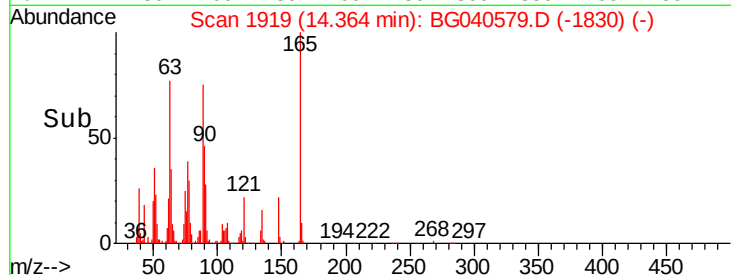
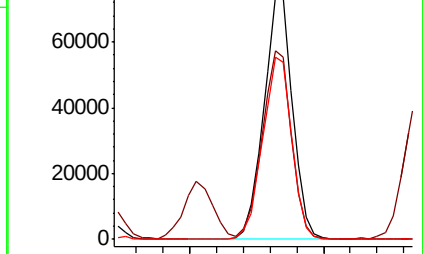
89 74.6 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 50.771 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

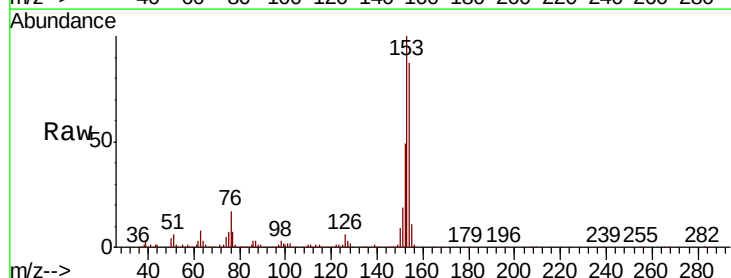
Tgt Ion:154 Resp: 399076

Ion Ratio Lower Upper

154 100

153 115.5 97.0 145.6

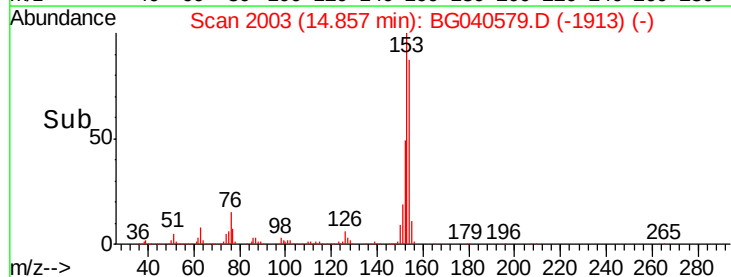
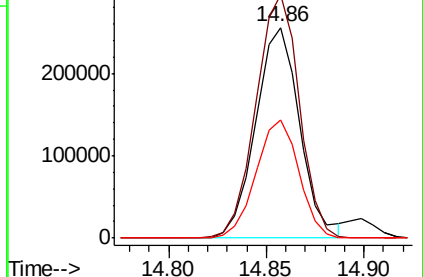
152 56.1 44.1 66.1

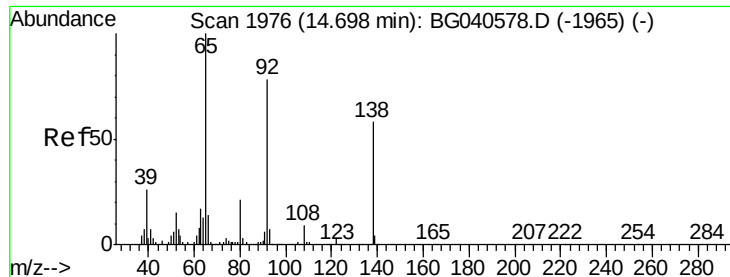


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 46.082 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

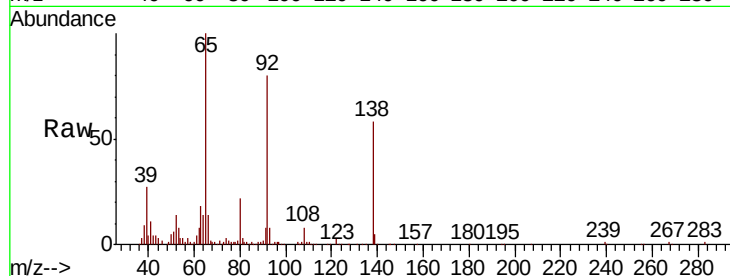
Tot Ion:138 Resp: 114429

Ion Ratio Lower Upper

138 100

108 14.2 12.4 18.6

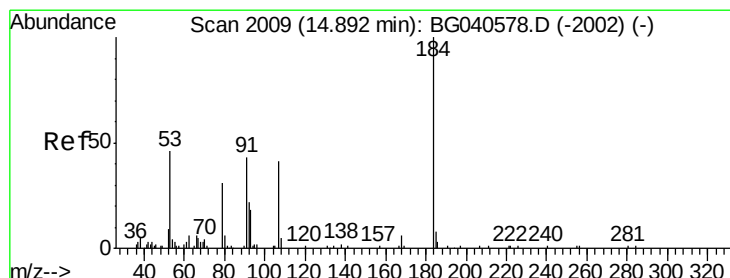
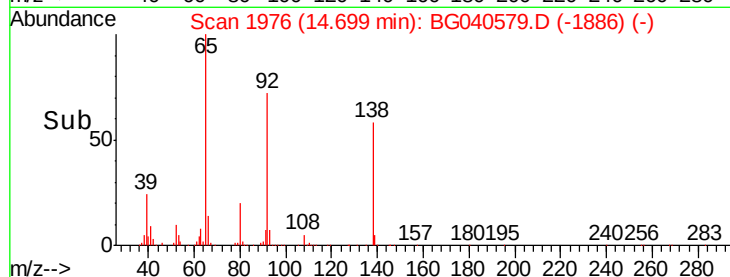
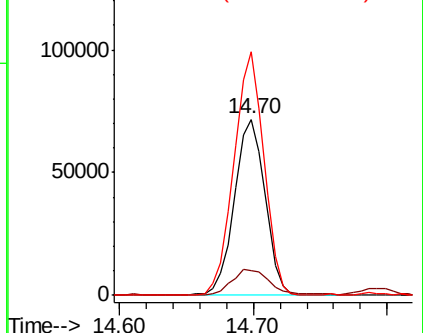
92 138.3 108.6 162.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 42.920 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

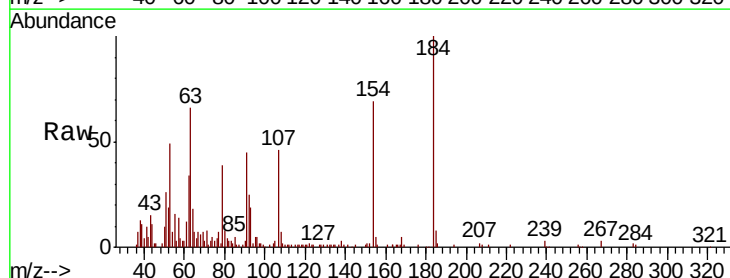
Tgt Ion:184 Resp: 53546

Ion Ratio Lower Upper

184 100

63 65.8 51.8 77.6

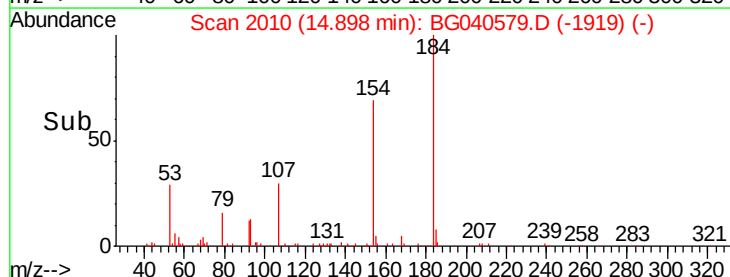
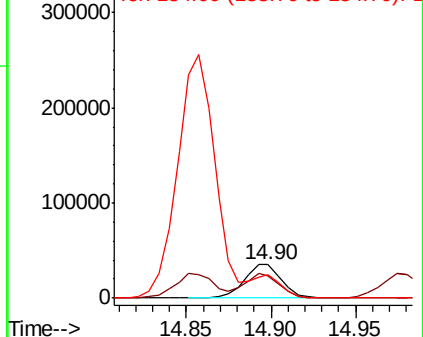
154 68.5 43.6 65.4#

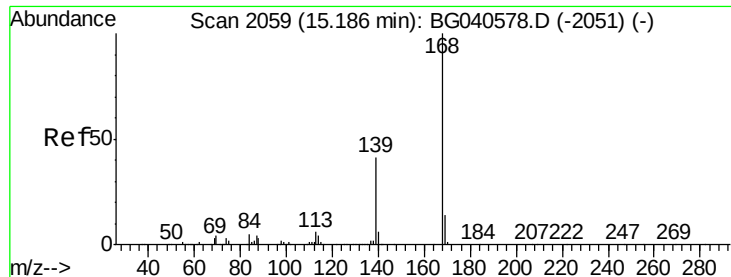


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 51.774 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

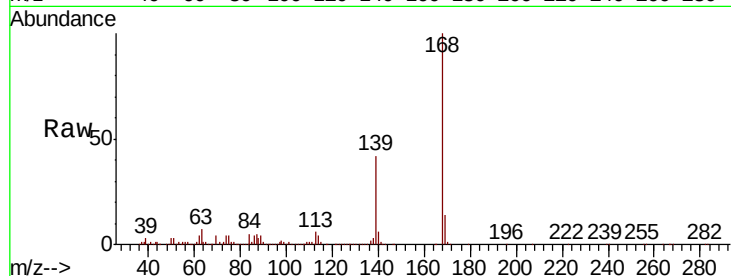
Tot Ion:168 Resp: 653934

Ion Ratio Lower Upper

168 100

139 42.1 33.0 49.4

169 14.0 11.0 16.4

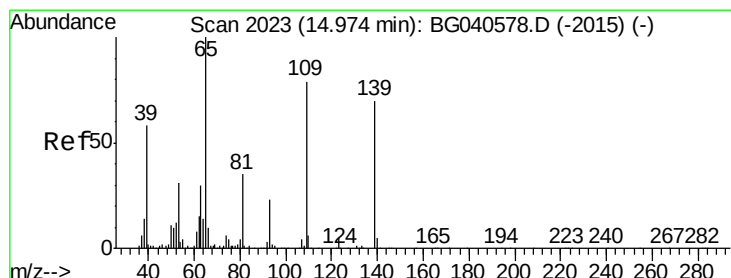
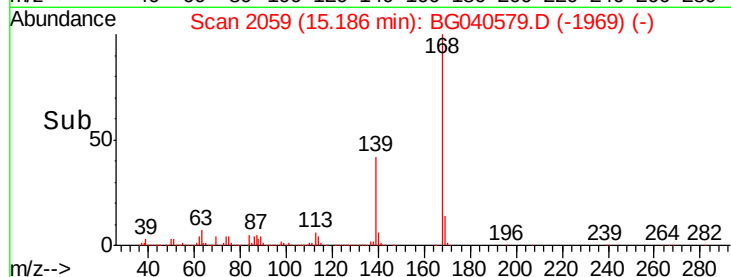
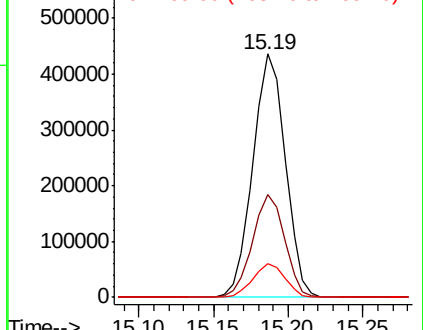


Abundance

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: 49.859 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

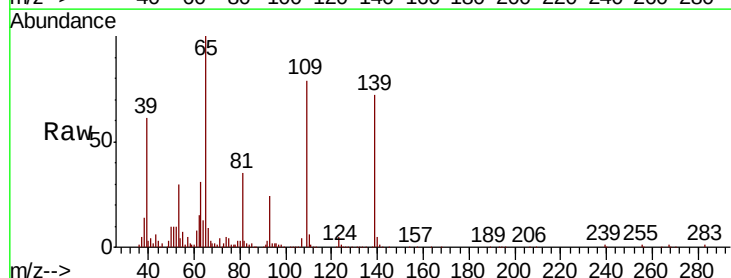
Tgt Ion:139 Resp: 99923

Ion Ratio Lower Upper

139 100

109 109.4 93.8 133.8

65 139.0 122.7 162.7

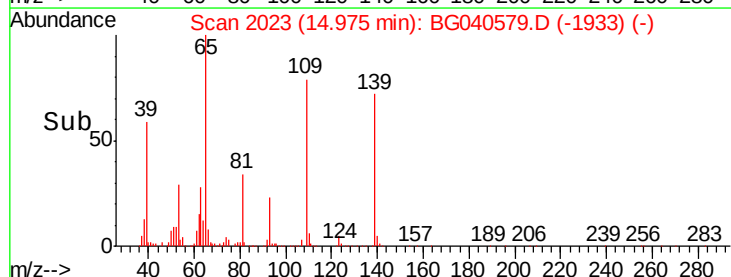
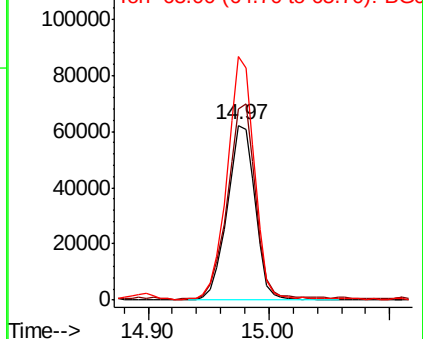


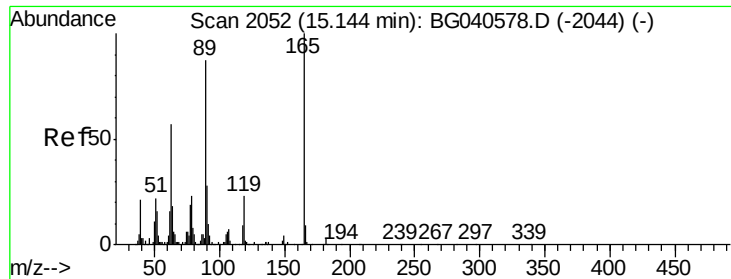
Abundance

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

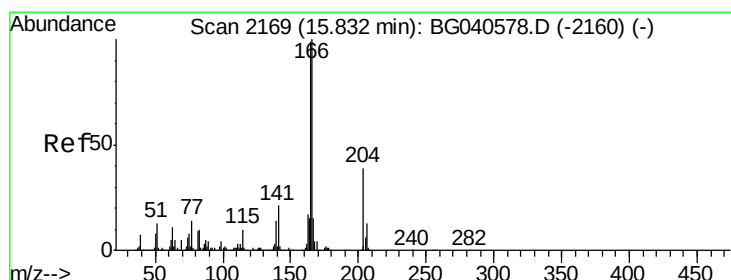
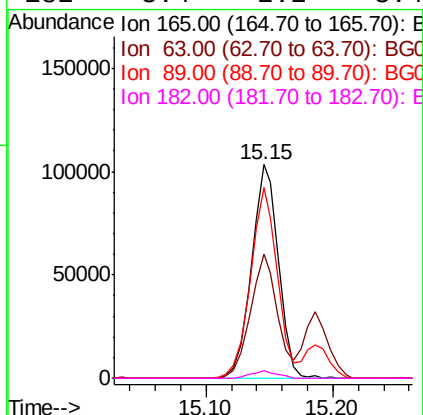
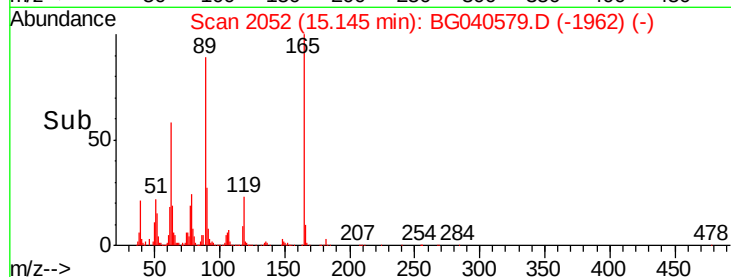
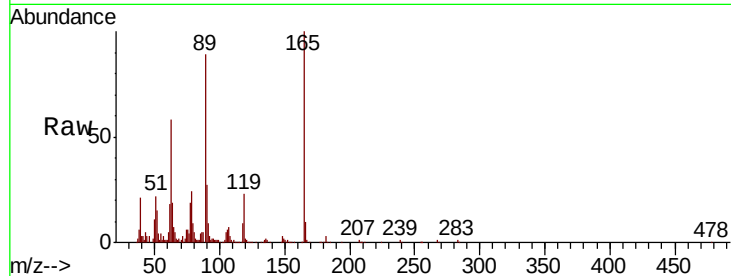




#57
2,4-Dinitrotoluene
Concen: 46.827 ng
RT: 15.15 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

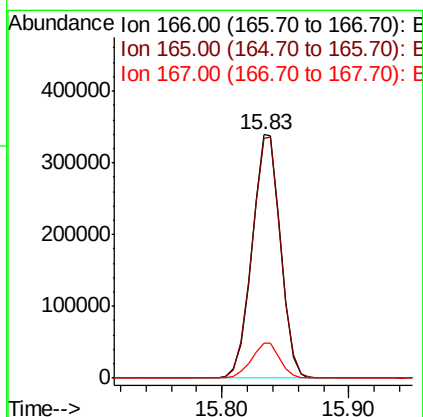
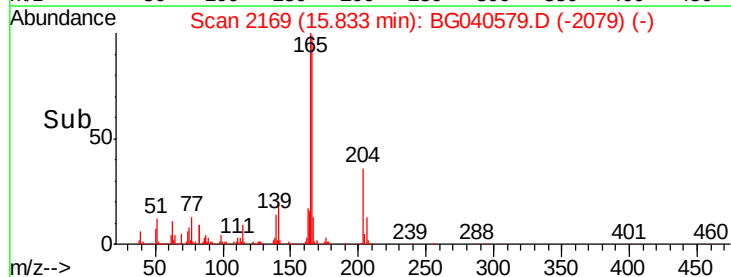
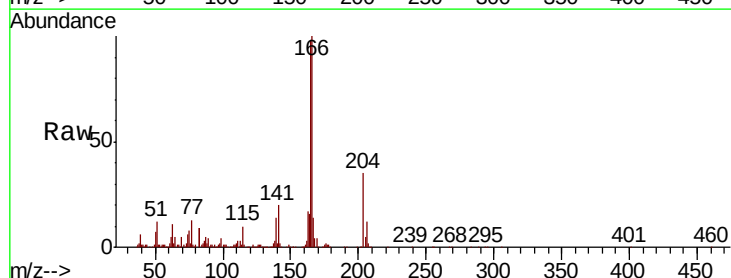
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

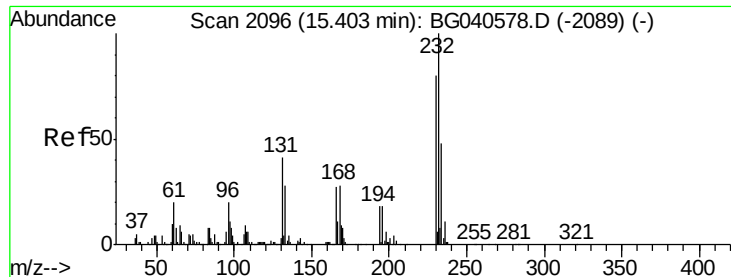
Tot Ion:165 Resp: 152637
Ion Ratio Lower Upper
165 100
63 57.9 45.8 68.8
89 89.3 69.4 104.2
182 3.4 2.2 3.4#



#58
Fluorene
Concen: 53.091 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion:166 Resp: 527213
Ion Ratio Lower Upper
166 100
165 98.4 79.6 119.4
167 14.2 12.2 18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 61.409 ng

RT: 15.40 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:232 Resp: 166153

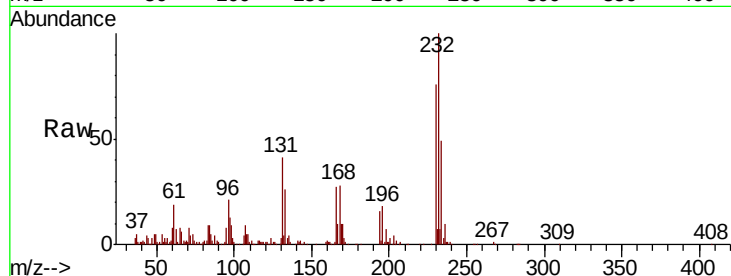
Ion Ratio Lower Upper

232 100

131 41.4 33.0 49.4

130 2.8 2.0 3.0

166 27.4 22.1 33.1

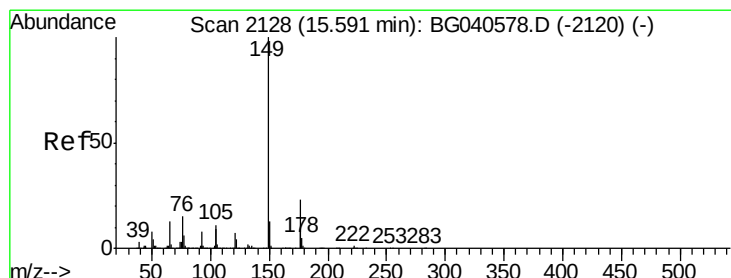
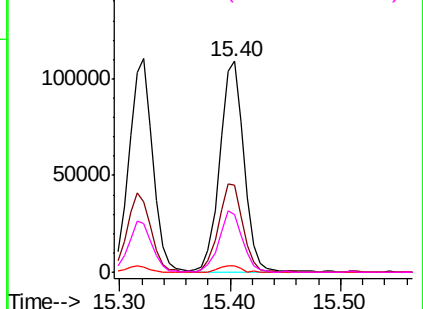
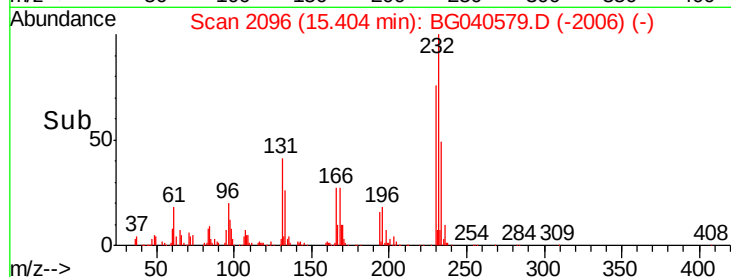


Abundance Ion 232.00 (231.70 to 232.70): E

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: 54.910 ng

RT: 15.60 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

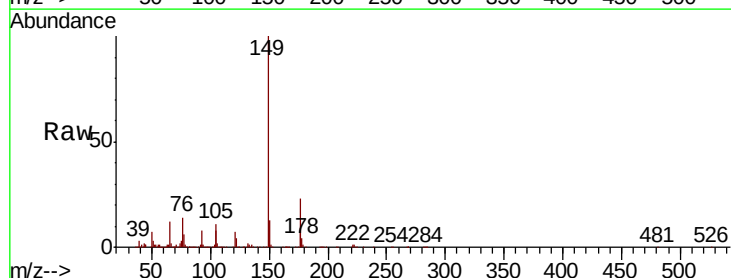
Tgt Ion:149 Resp: 587045

Ion Ratio Lower Upper

149 100

177 23.2 18.5 27.7

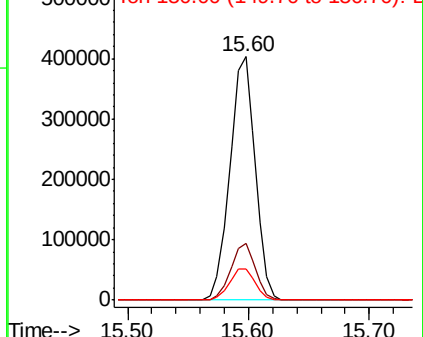
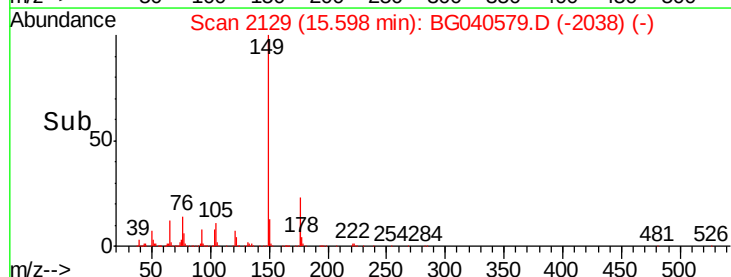
150 12.9 10.2 15.4

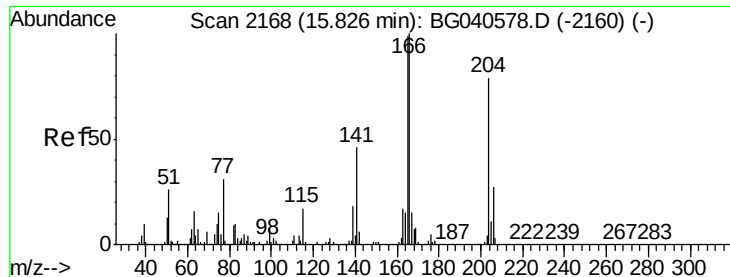


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

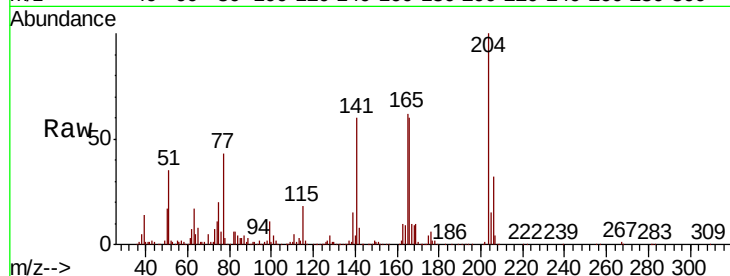




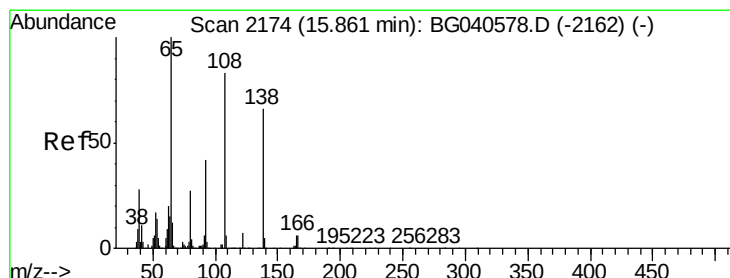
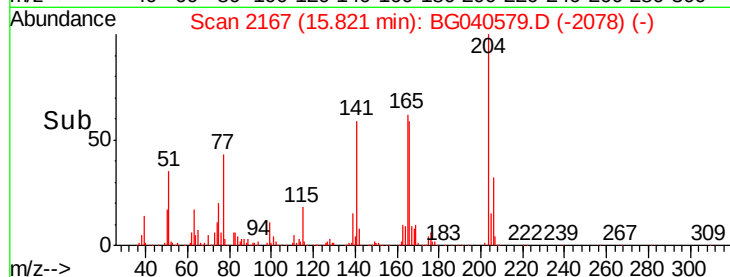
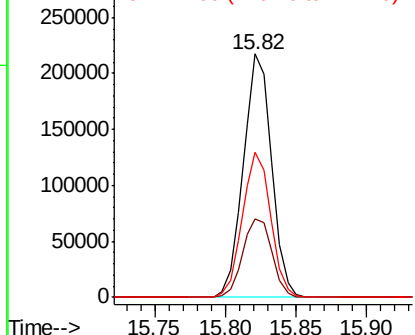
#61
4-Chlorophenyl-phenylether
Concen: 57.213 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion:204 Resp: 303690
Ion Ratio Lower Upper
204 100
206 32.3 27.4 41.2
141 59.8 46.0 69.0

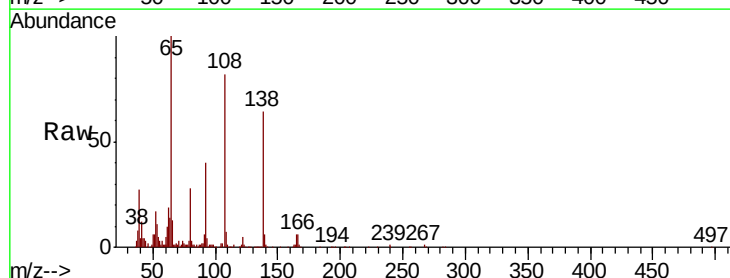


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

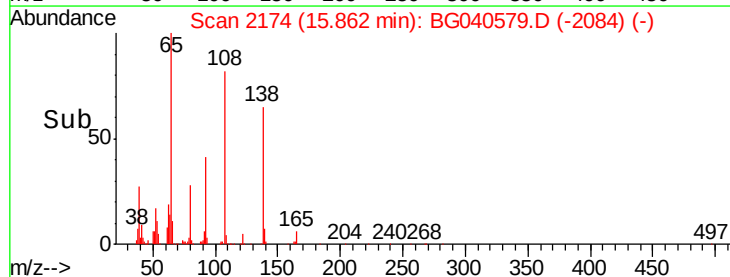
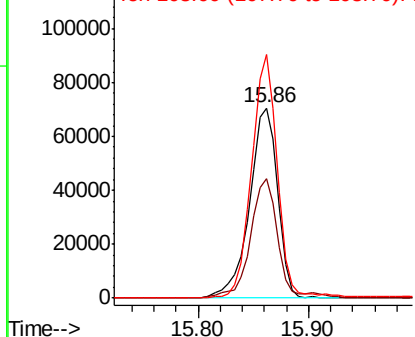


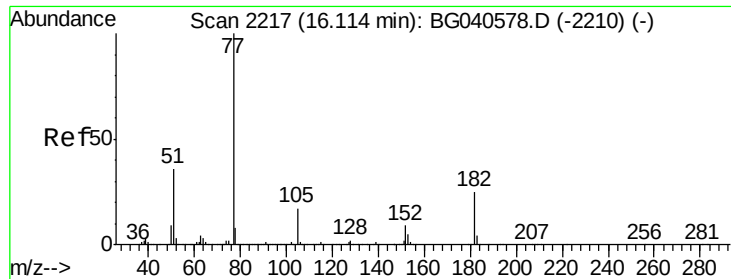
#62
4-Nitroaniline
Concen: 47.582 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion:138 Resp: 126799
Ion Ratio Lower Upper
138 100
92 62.9 43.9 83.9
108 128.2 106.5 146.5



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: 59.934 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tot Ion: 77 Resp: 604395

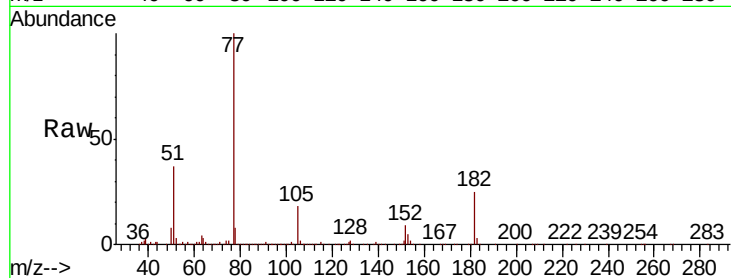
Ion Ratio Lower Upper

77 100

182 24.6 5.0 45.0

105 17.5 0.0 37.6

51 36.9 16.3 56.3

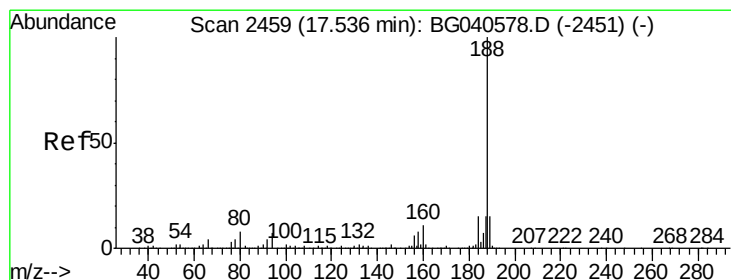
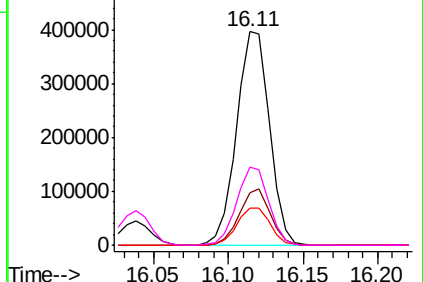
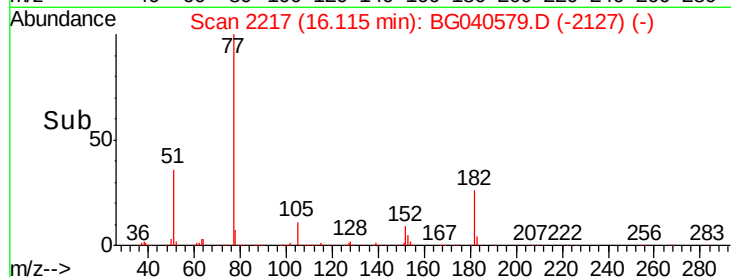


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.54 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

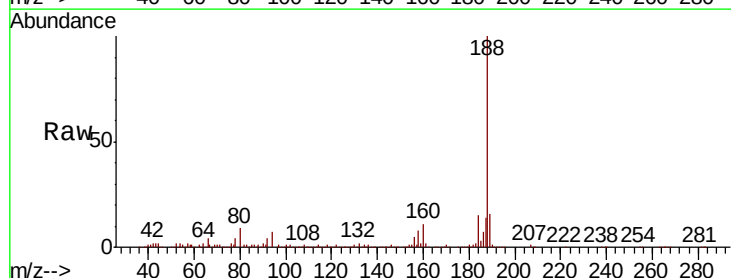
Tgt Ion: 188 Resp: 327936

Ion Ratio Lower Upper

188 100

94 6.9 5.6 8.4

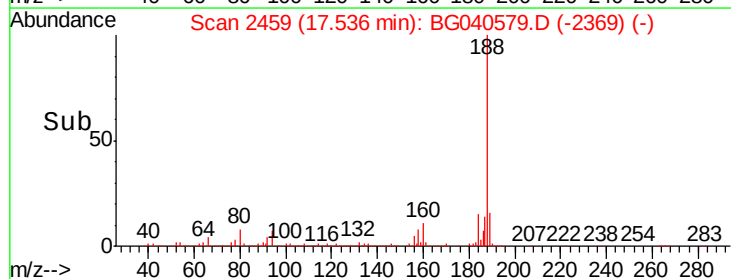
80 8.5 6.4 9.6



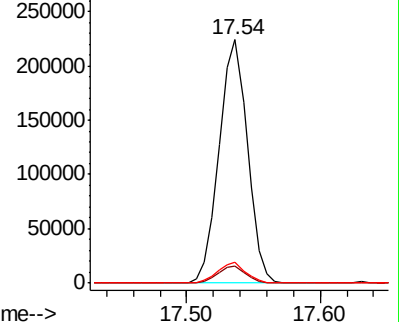
Abundance Ion 188.00 (187.70 to 188.70): BGC

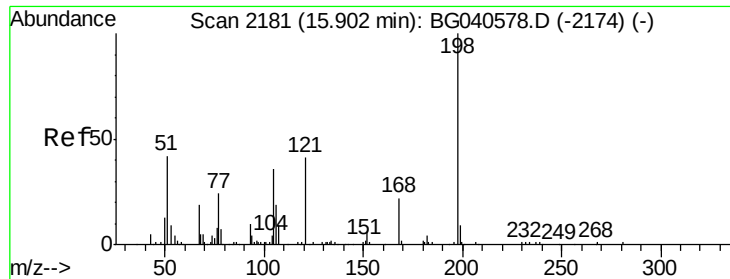
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 41.680 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

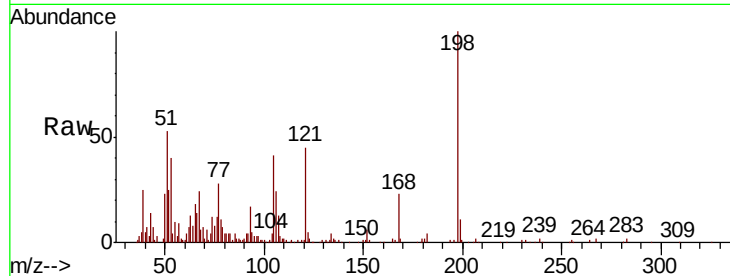
Tot Ion:198 Resp: 76792

Ion Ratio Lower Upper

198 100

51 53.3 35.9 75.9

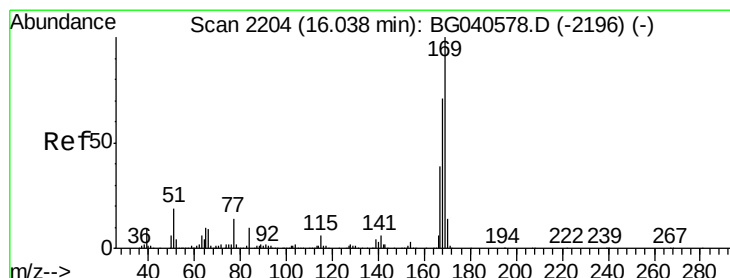
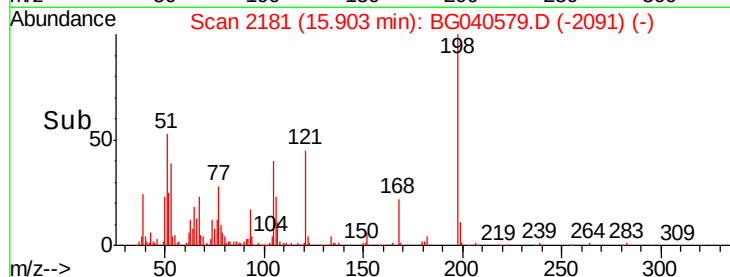
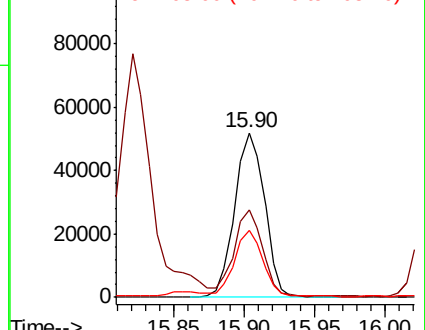
105 40.8 21.2 61.2



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: 49.918 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

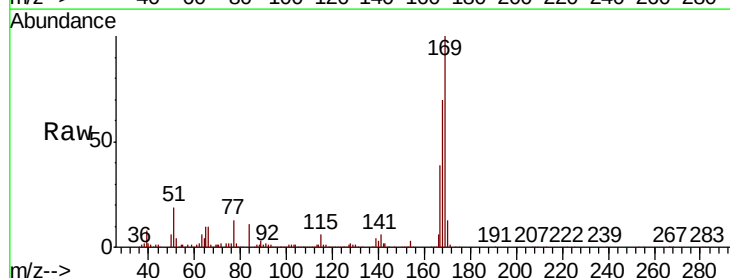
Tgt Ion:169 Resp: 479034

Ion Ratio Lower Upper

169 100

168 70.2 56.8 85.2

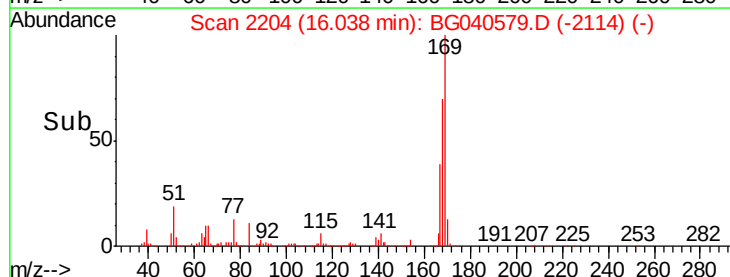
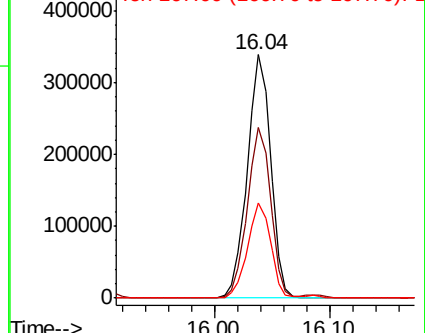
167 39.2 31.4 47.0

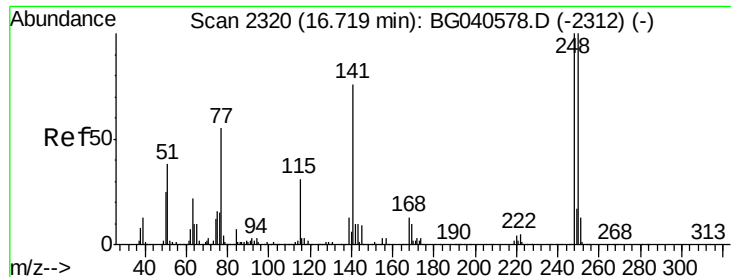


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

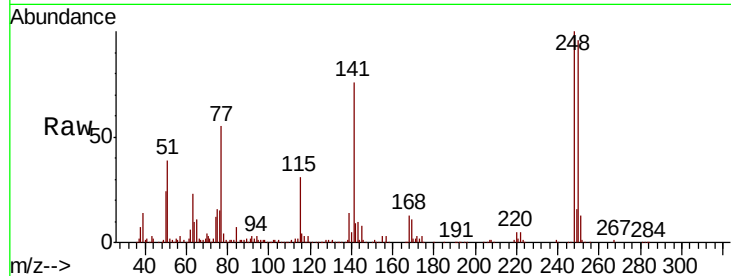




#67
4-Bromophenyl-phenylether
Concen: 55.425 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	79.8	119.6
141	76.1	60.8	91.2

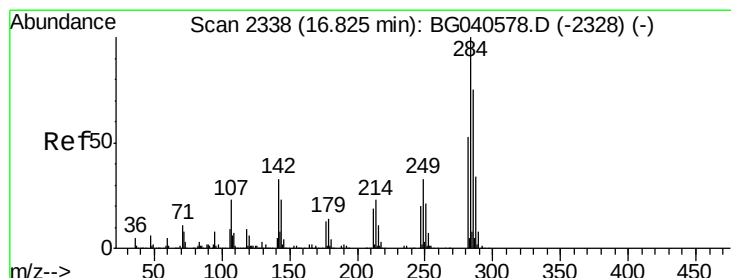
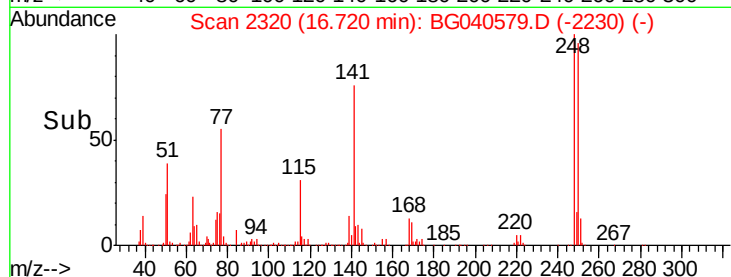
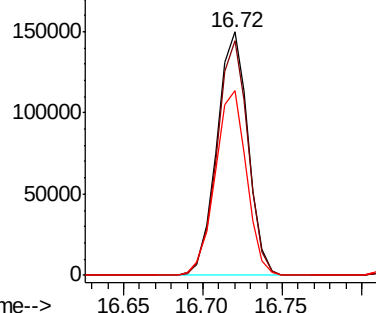


Abundance

Ion 248.00 (247.70 to 248.70): E

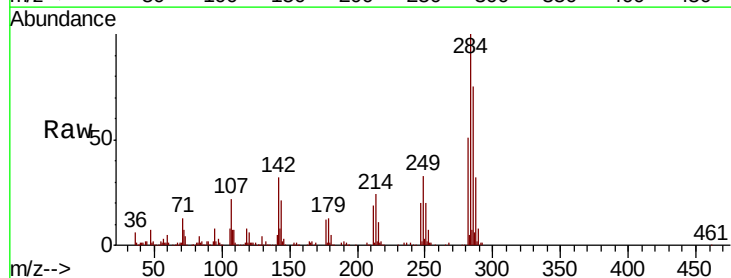
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 56.590 ng
RT: 16.83 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	26.6	40.0
249	35.4	26.0	39.0

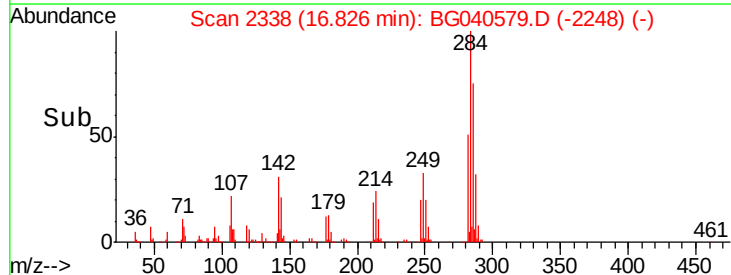
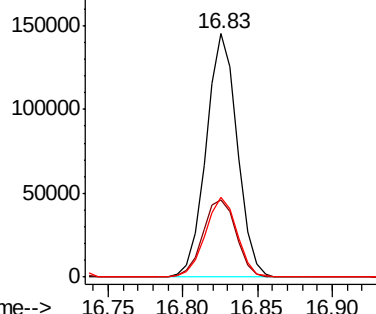


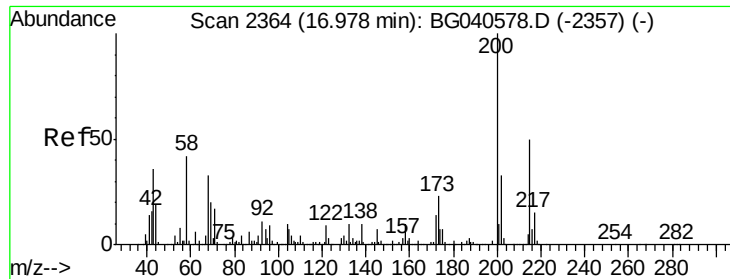
Abundance

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: 51.895 ng

RT: 16.98 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

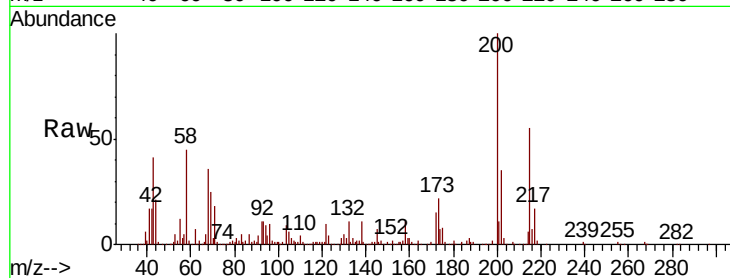
Tot Ion:200 Resp: 185254

Ion Ratio Lower Upper

200 100

173 22.2 2.8 42.8

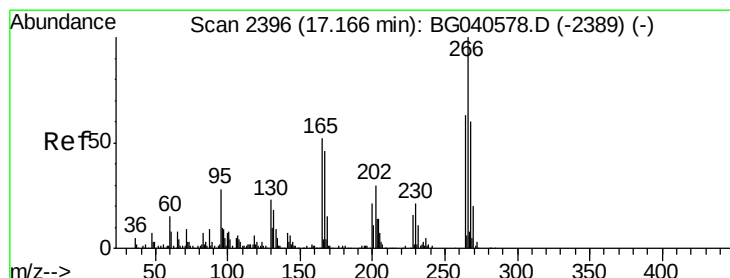
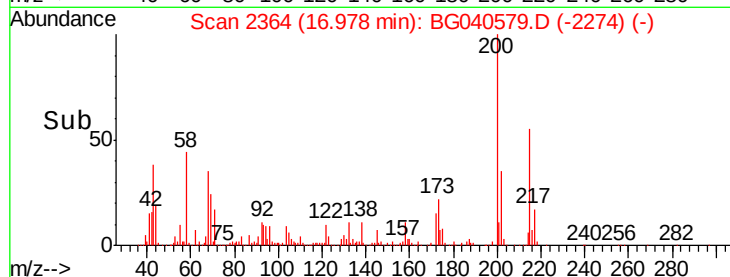
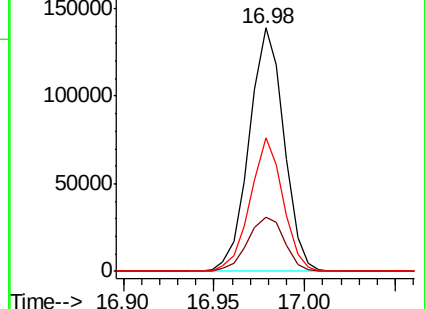
215 54.7 30.2 70.2



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: 58.195 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

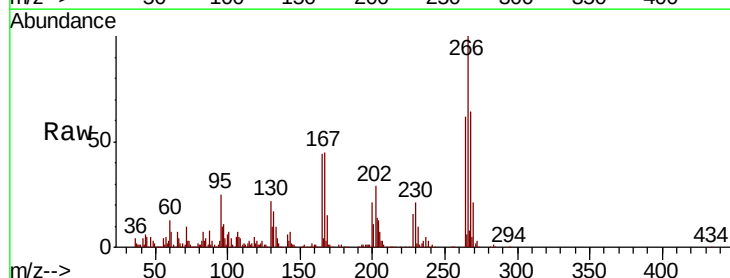
Tgt Ion:266 Resp: 124841

Ion Ratio Lower Upper

266 100

268 64.0 52.3 78.5

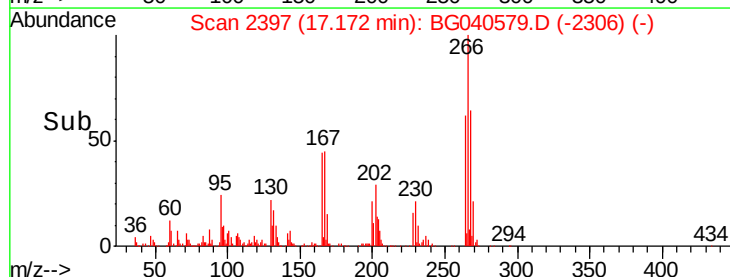
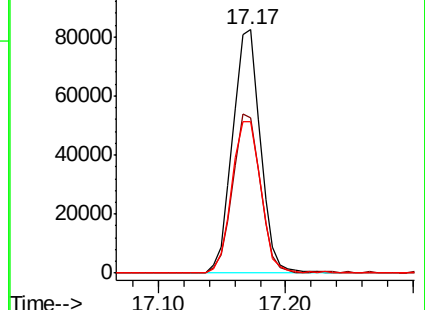
264 62.3 50.0 75.0

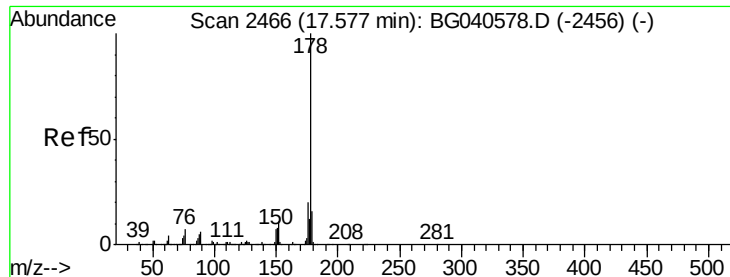


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.963 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

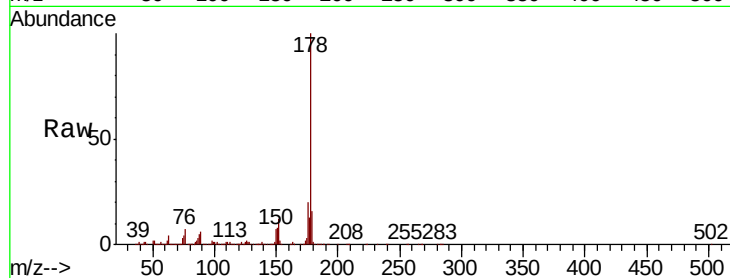
Tot Ion:178 Resp: 878443

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

179 15.9 12.6 18.8

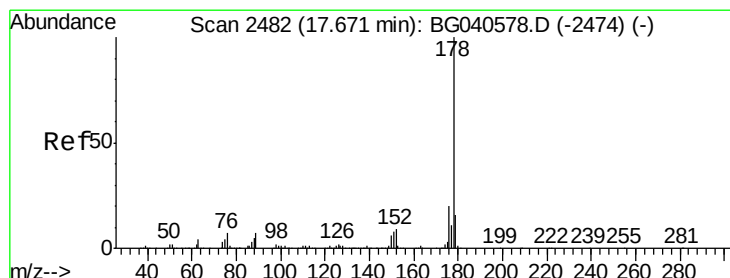
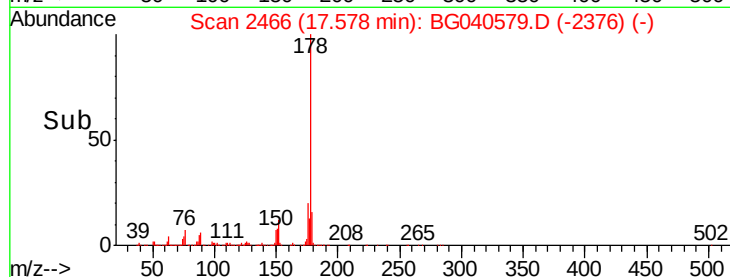
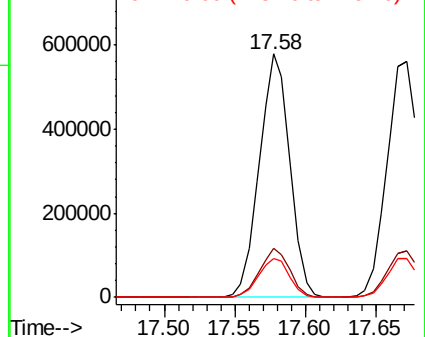


Abundance

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: 50.997 ng

RT: 17.67 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

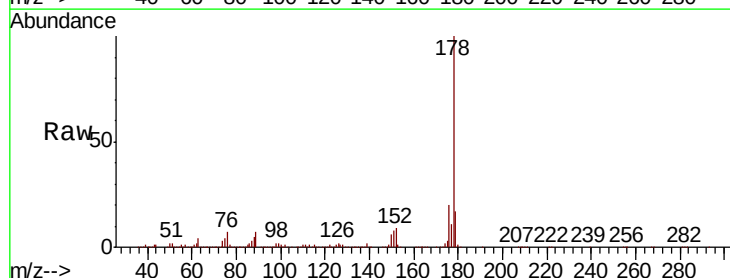
Tgt Ion:178 Resp: 879837

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

179 16.7 12.9 19.3

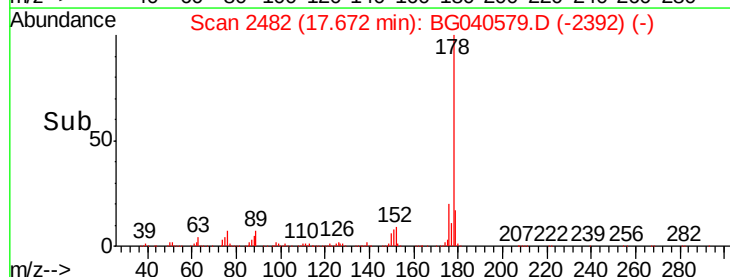
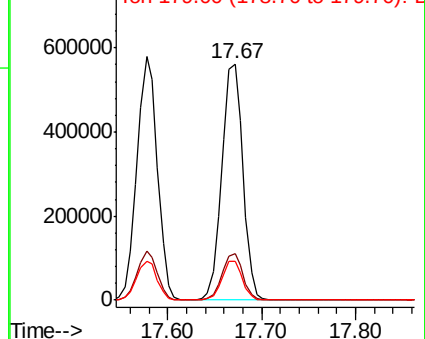


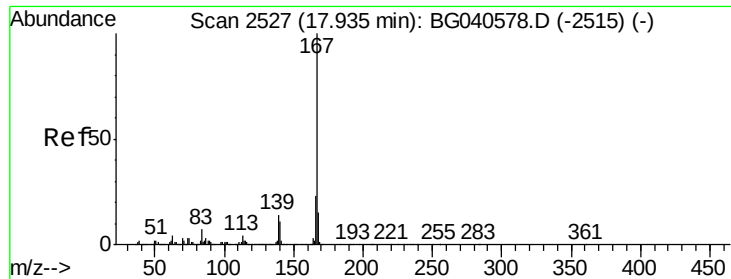
Abundance

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

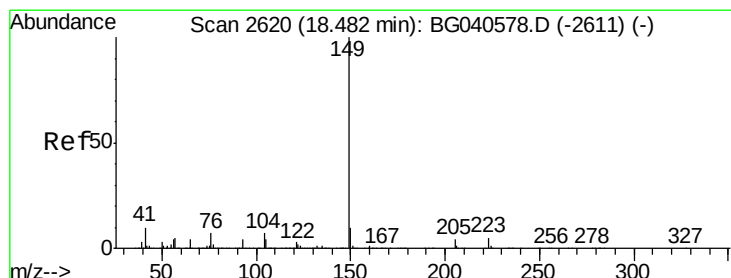
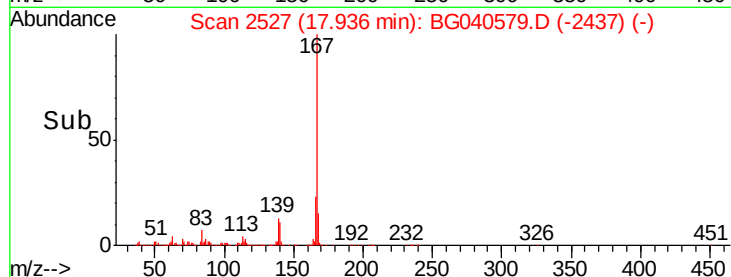
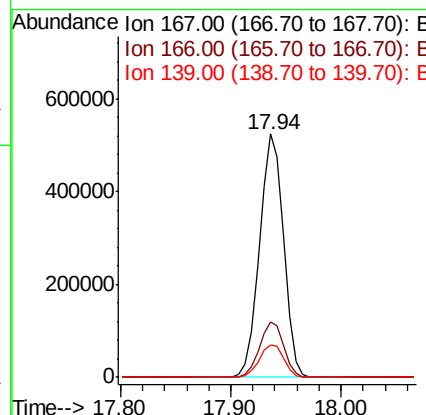
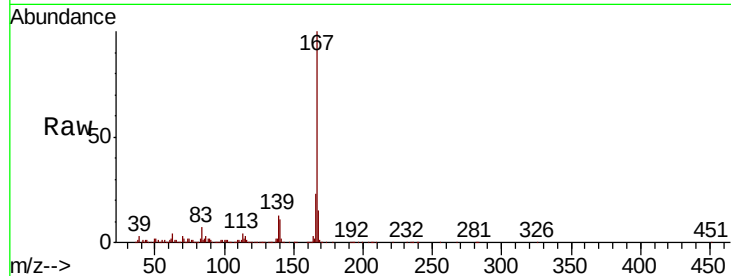




#73
 Carbazole
 Concen: 48.955 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

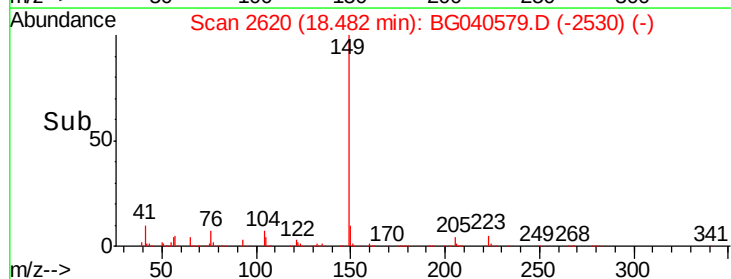
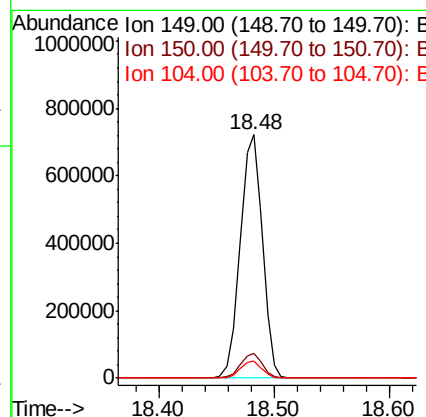
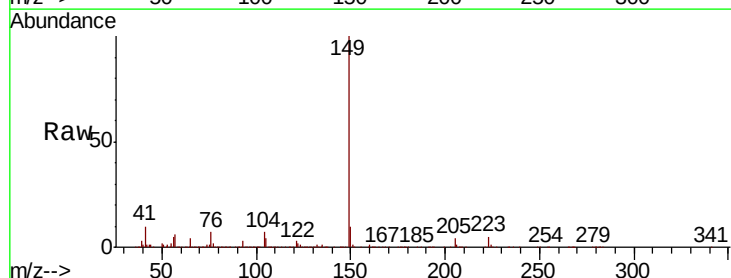
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

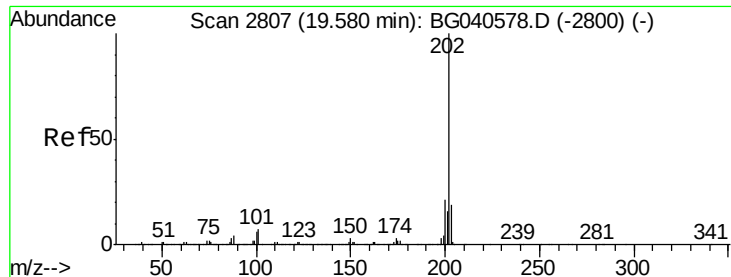
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.4	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 49.564 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BG040579.D
 Acq: 23 Apr 2019 20:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	7.2	5.4	8.2





#75

Fluoranthene

Concen: 53.243 ng

RT: 19.58 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

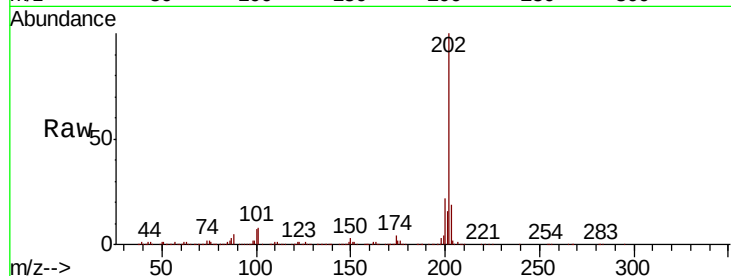
BNA_G

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 1086729

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.5
203	19.0	0.0	39.3

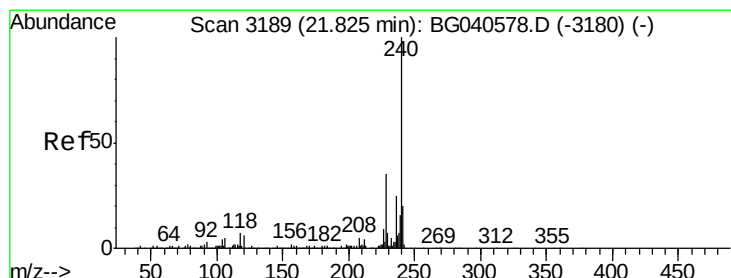
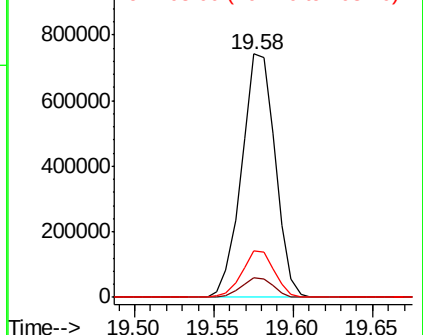
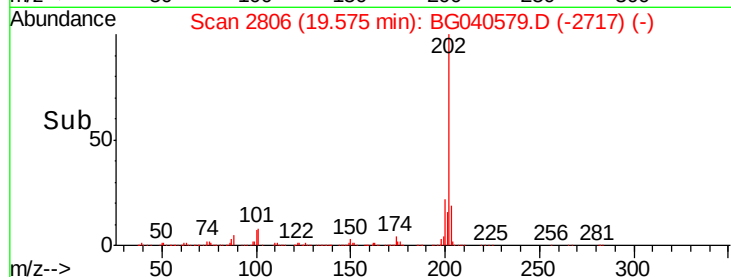


Abundance

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: 21.83 min Scan# 3189

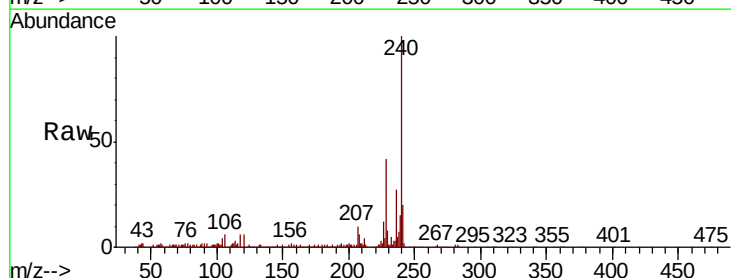
Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Tgt Ion:240 Resp: 349957

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.0	7.6
236	26.6	20.3	30.5

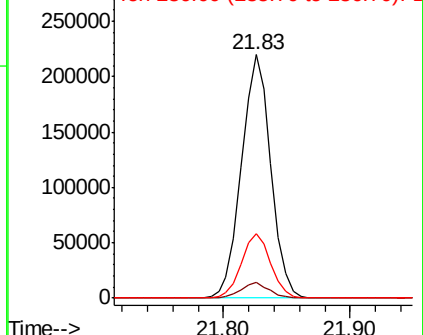
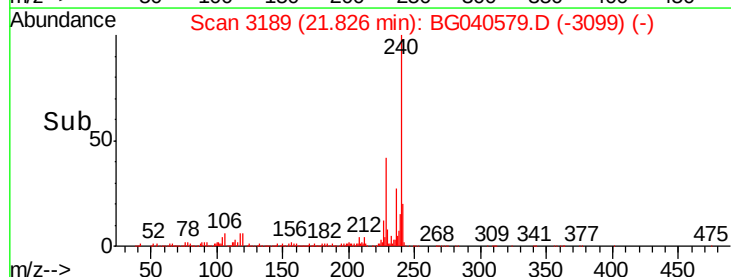


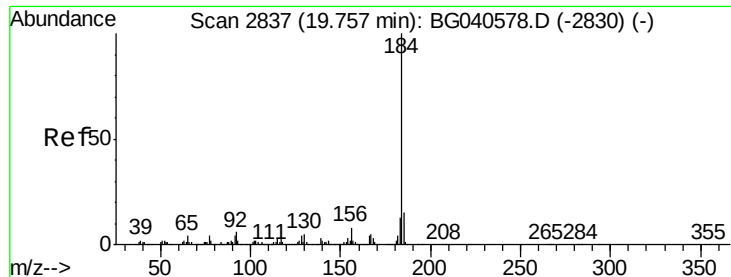
Abundance

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: 39.349 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

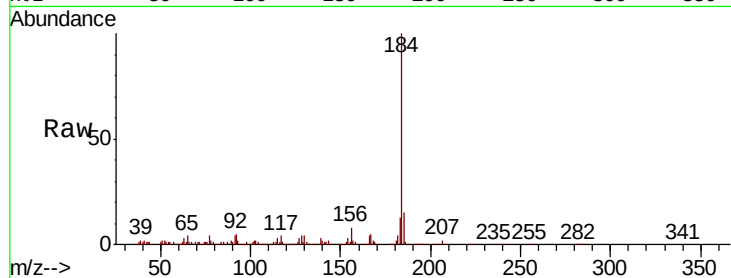
Tot Ion:184 Resp: 497264

Ion Ratio Lower Upper

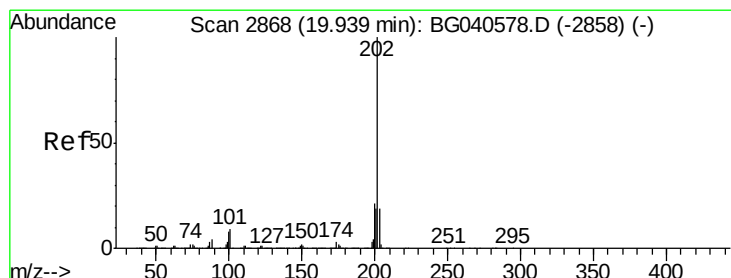
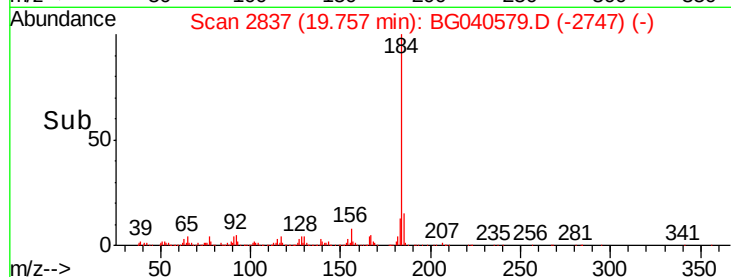
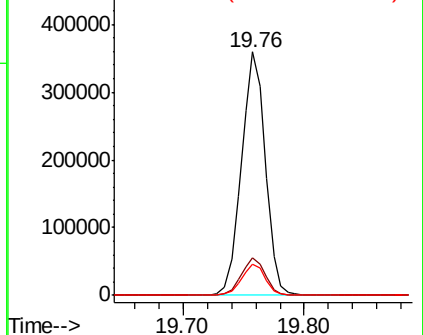
184 100

185 15.2 11.8 17.8

183 12.8 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.865 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

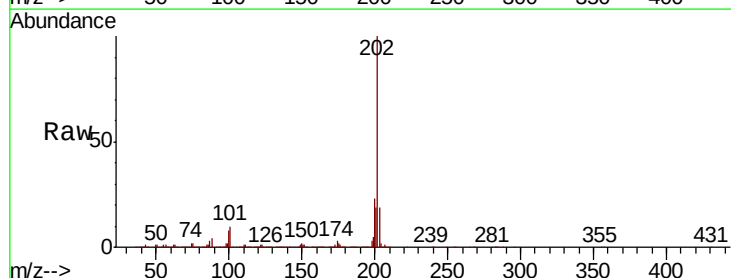
Tgt Ion:202 Resp: 1101551

Ion Ratio Lower Upper

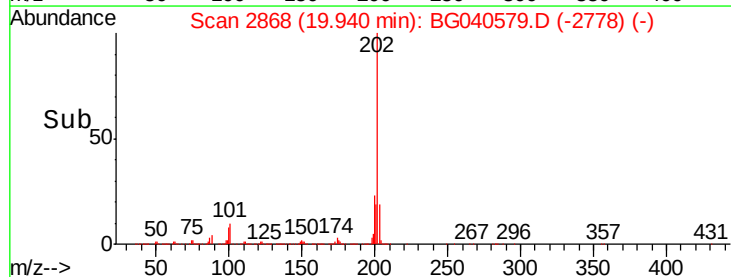
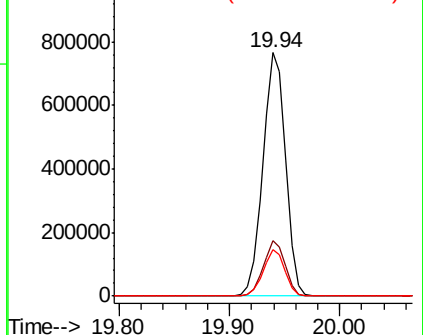
202 100

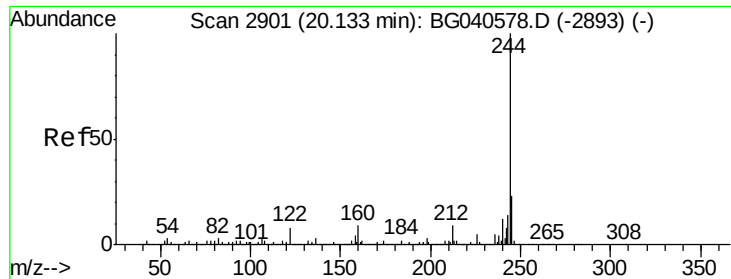
200 22.5 17.2 25.8

203 19.1 15.0 22.4



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: 102.296 ng

RT: 20.13 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

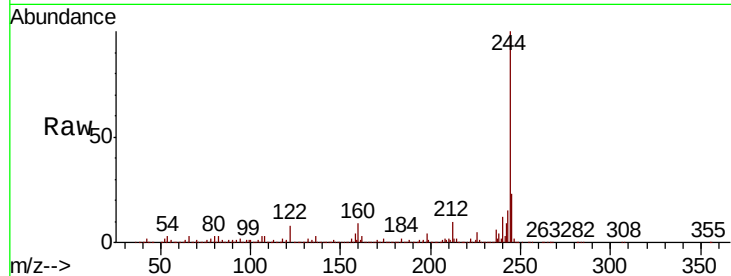
Tot Ion:244 Resp: 1591319

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

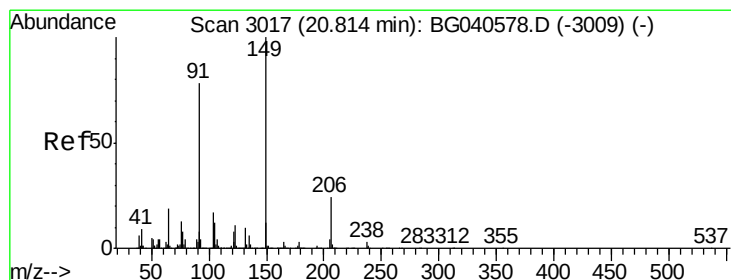
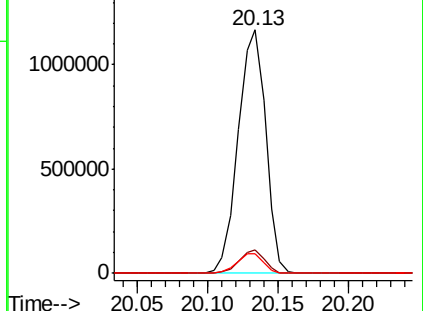
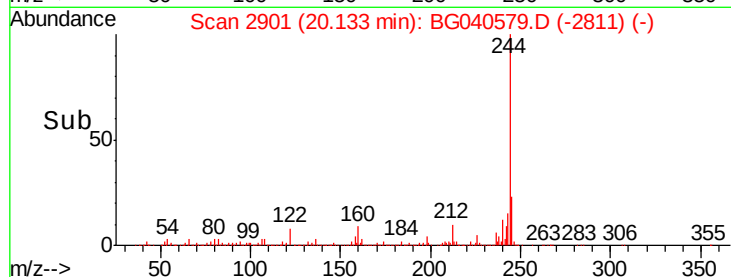
122 8.2 6.6 10.0



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: 43.650 ng

RT: 20.82 min Scan# 3017

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

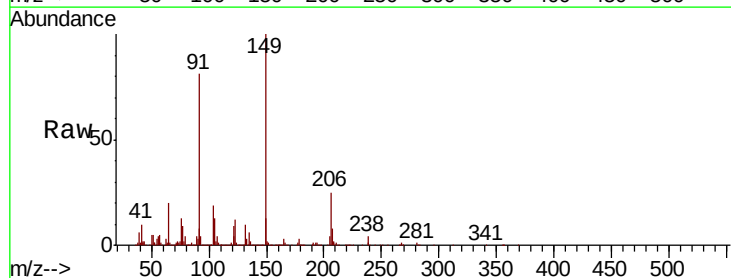
Tgt Ion:149 Resp: 429860

Ion Ratio Lower Upper

149 100

91 81.0 62.6 93.8

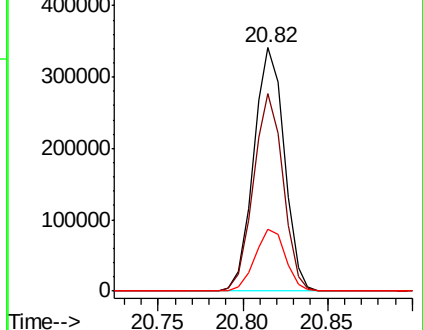
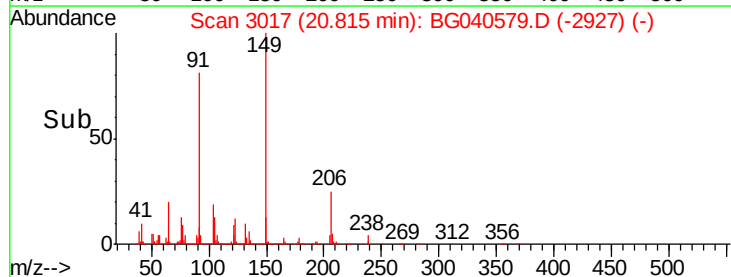
206 25.4 19.4 29.2

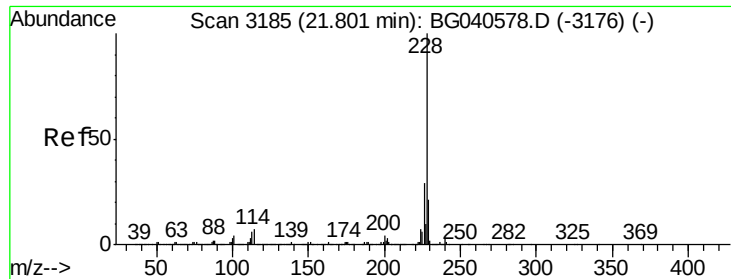


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.166 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

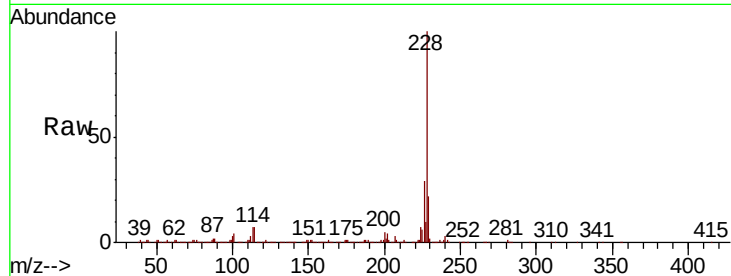
BNA_G

ClientSampleId :

SSTDICC050

Tot Ion:228 Resp: 1102914

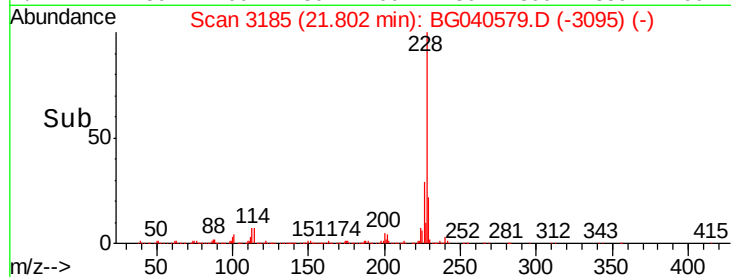
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.1	34.7
229	21.9	17.0	25.4



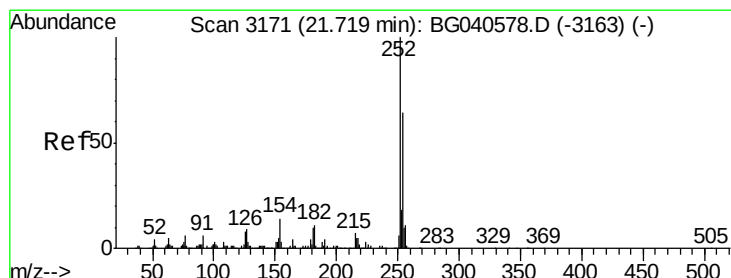
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 48.864 ng

RT: 21.72 min Scan# 3171

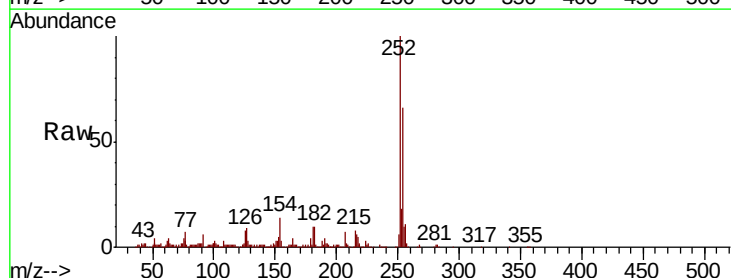
Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Tgt Ion:252 Resp: 400678

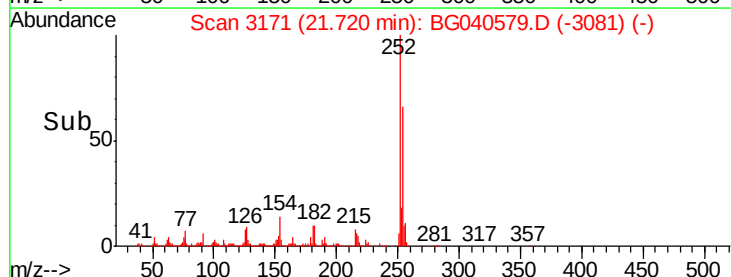
Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.2	76.8
126	7.9	6.6	10.0



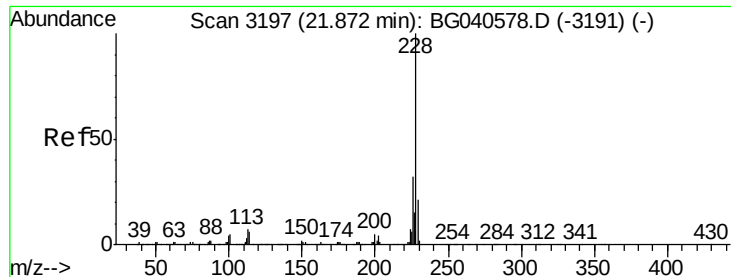
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 51.101 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

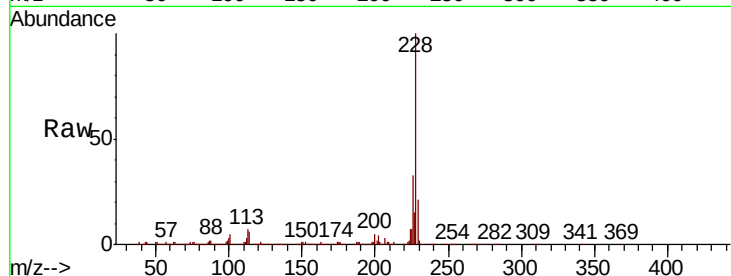
BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:228 Resp: 1058615

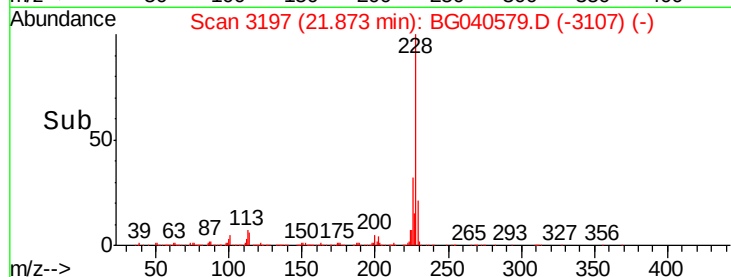
Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	21.2	16.8	25.2



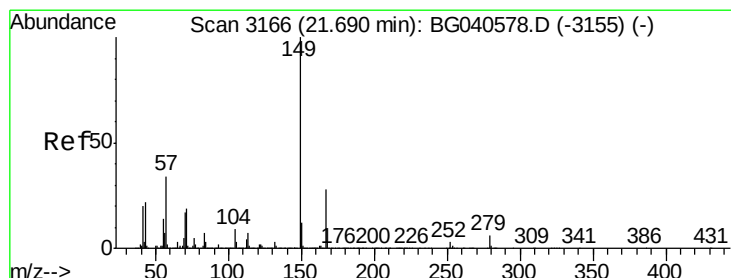
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.80 21.85 21.90 21.95



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.774 ng

RT: 21.69 min Scan# 3166

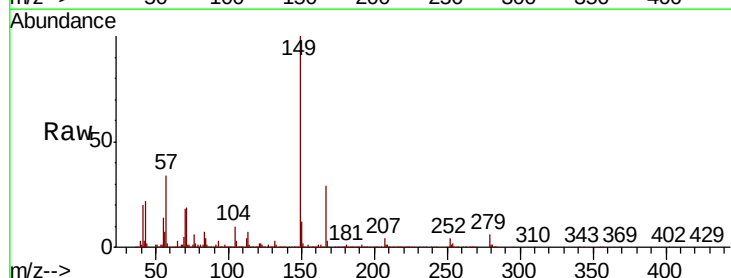
Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Tgt Ion:149 Resp: 616209

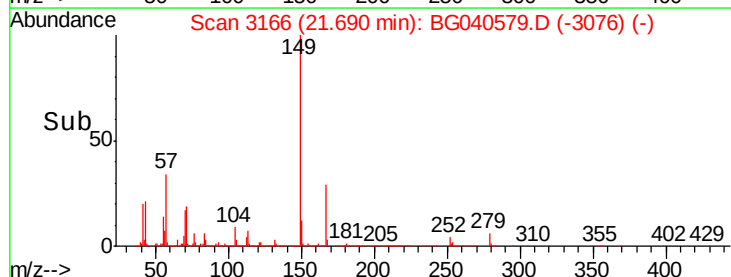
Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.4	33.6
279	5.8	4.6	6.8



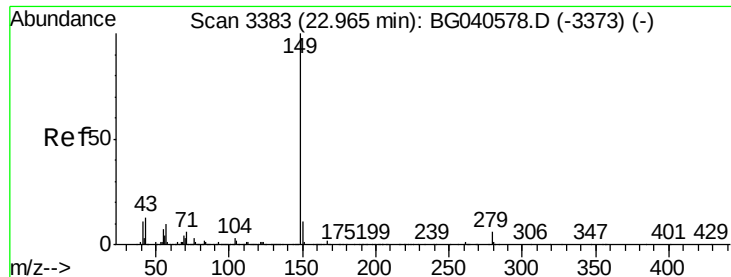
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



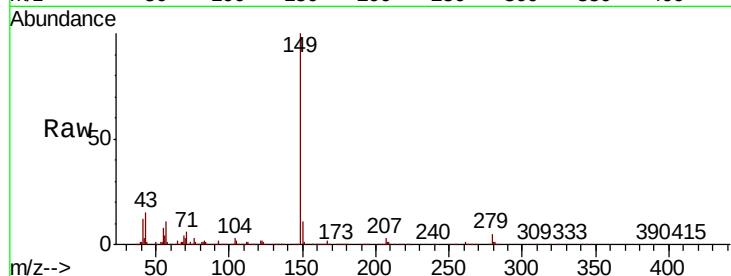
Time--> 21.60 21.65 21.70 21.75



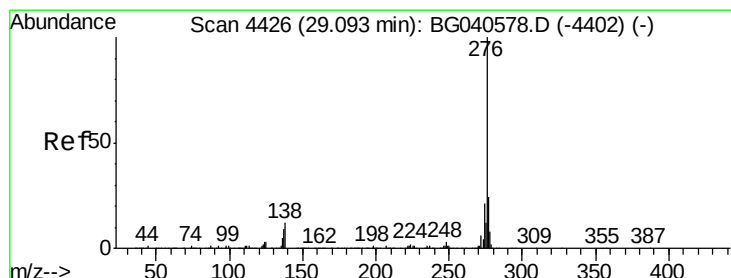
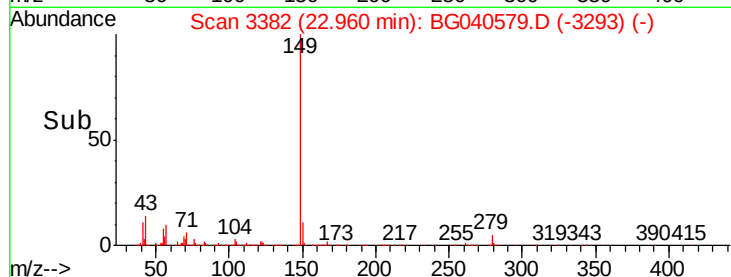
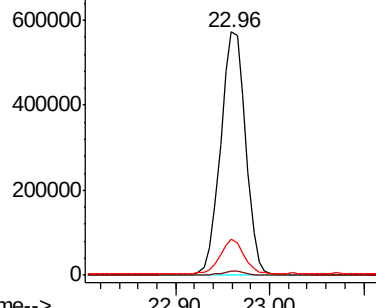
#85
Di-n-octyl phthalate
Concen: 43.898 ng
RT: 22.96 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion:149 Resp: 1052860
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 13.0 10.2 15.2

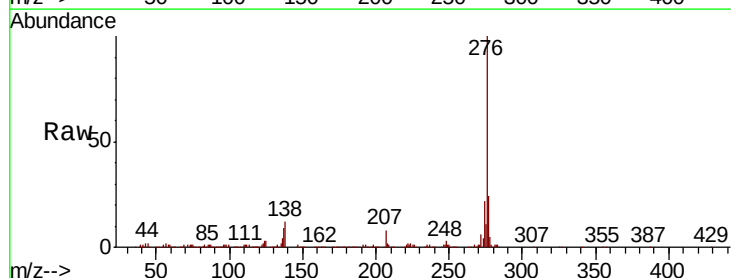


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

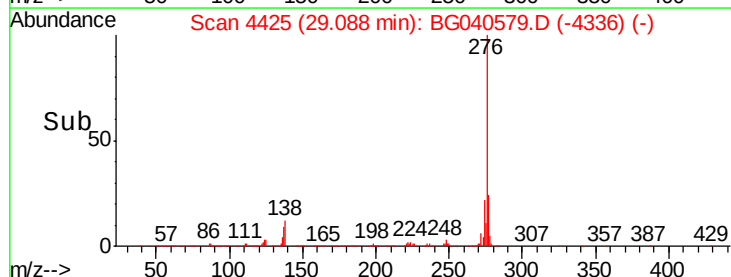
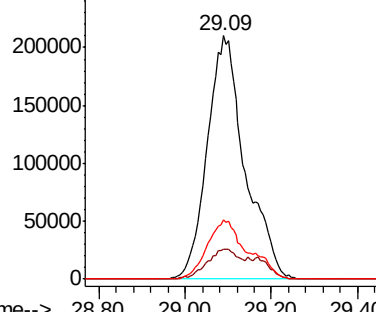


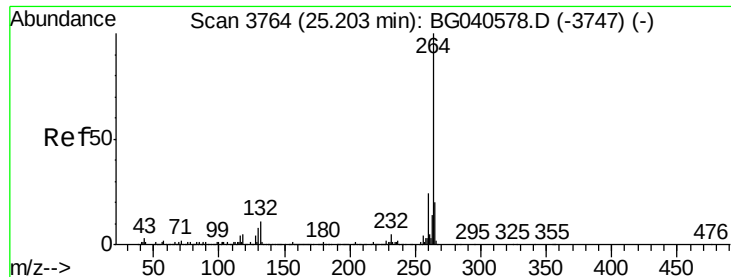
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.827 ng
RT: 29.09 min Scan# 4425
Delta R.T. -0.01 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion:276 Resp: 1287815
Ion Ratio Lower Upper
276 100
138 10.8 9.8 14.6
277 25.9 17.3 25.9#



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

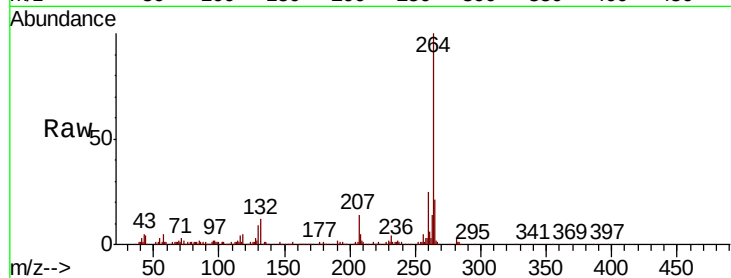
Tot Ion:264 Resp: 355254

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

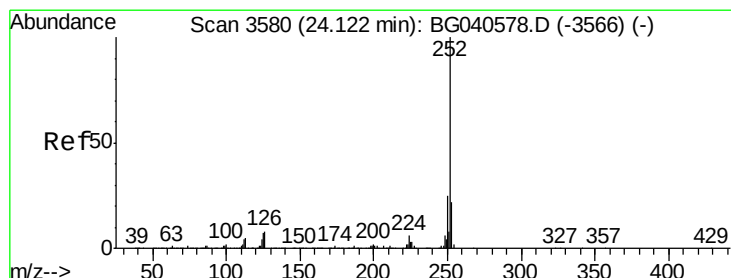
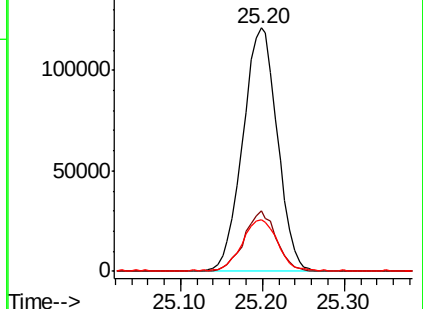
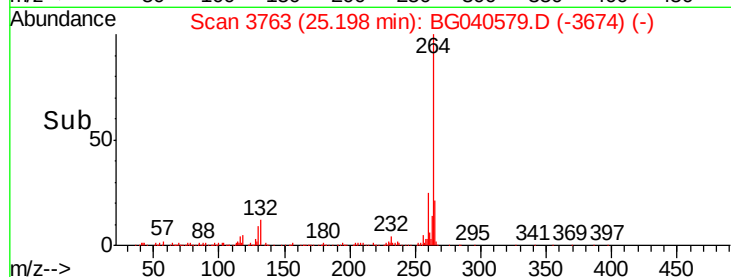
265 21.3 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.247 ng

RT: 24.12 min Scan# 3580

Delta R.T. 0.00 min

Lab File: BG040579.D

Acq: 23 Apr 2019 20:03

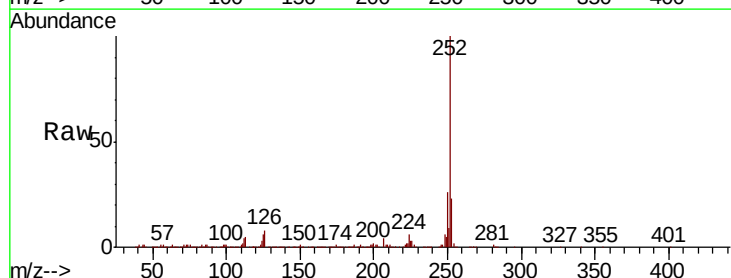
Tgt Ion:252 Resp: 1092873

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

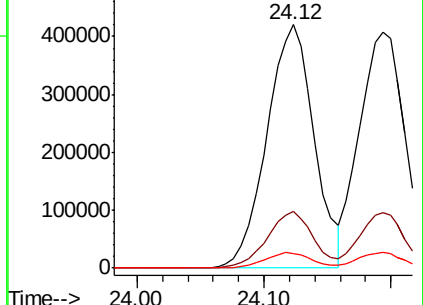
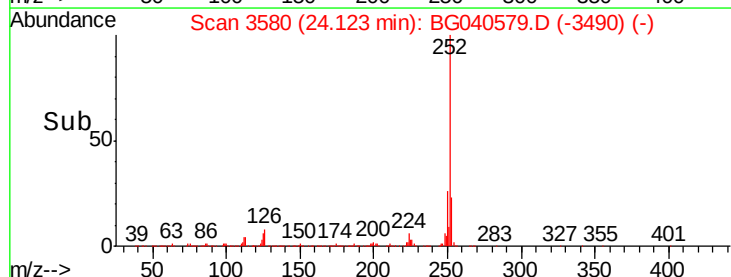
125 6.2 5.4 8.0

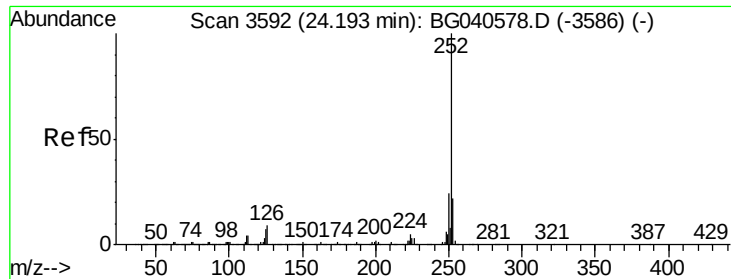


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

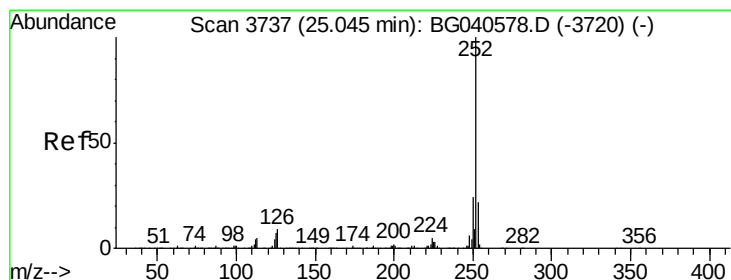
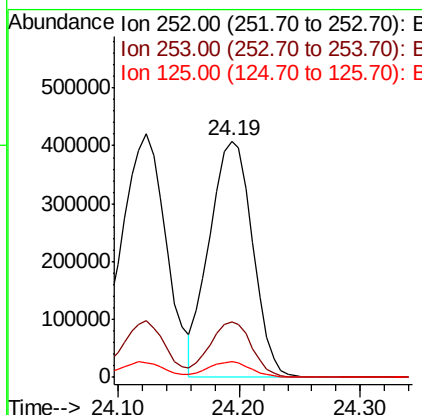
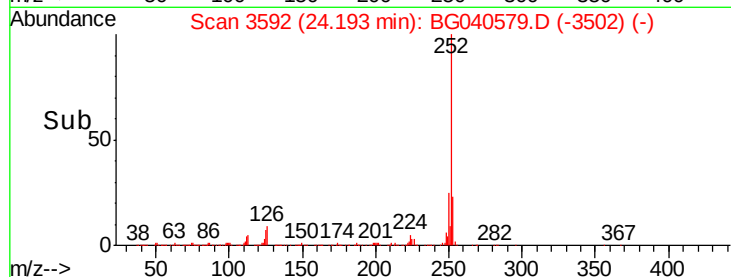
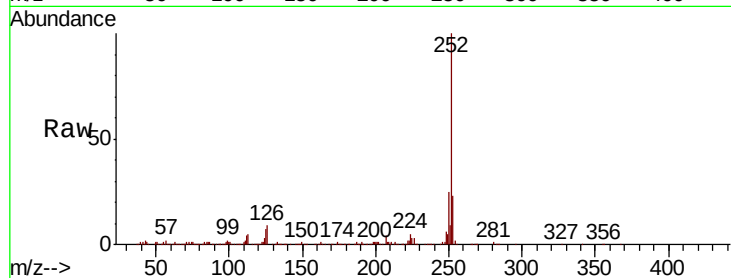




#89
Benzo(k)fluoranthene
Concen: 50.370 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

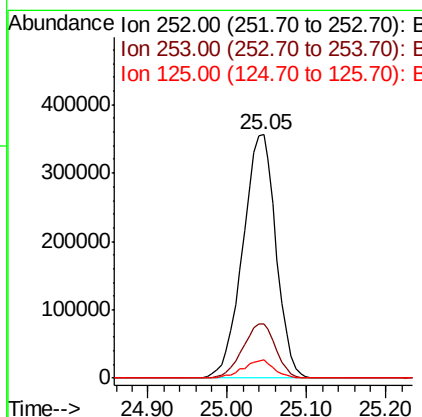
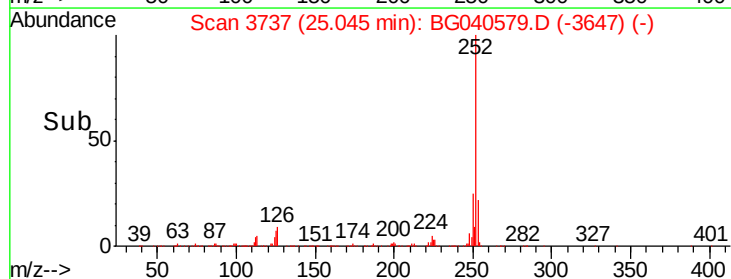
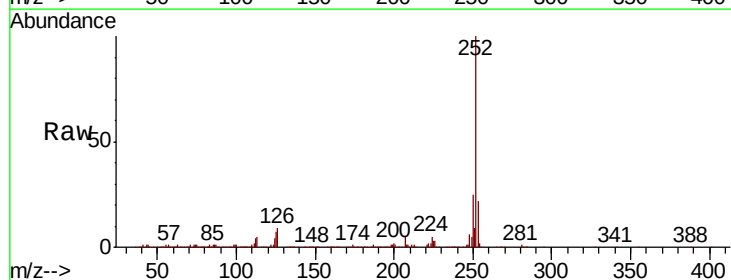
Instrument :
BNA_G
ClientSampled :
SSTDICC050

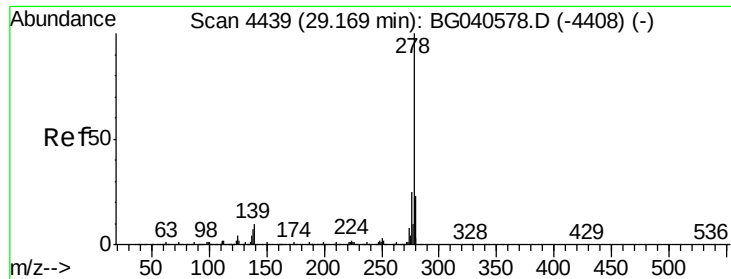
Tot Ion:252 Resp: 1007490
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 6.9 5.5 8.3



#90
Benzo(a)pyrene
Concen: 50.665 ng
RT: 25.05 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion:252 Resp: 1033926
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.3 5.7 8.5



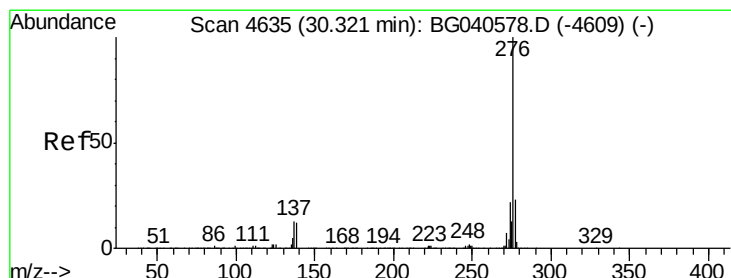
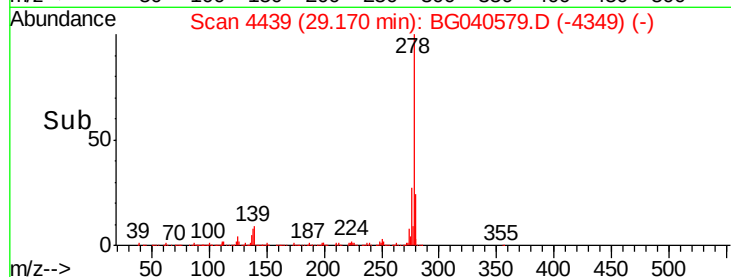
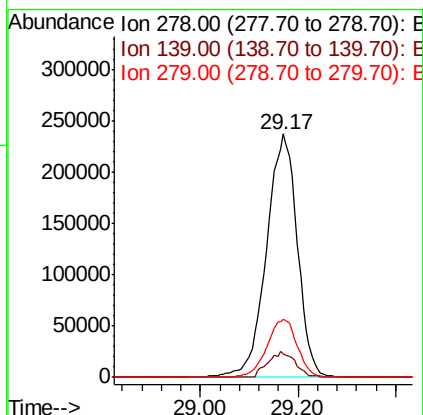
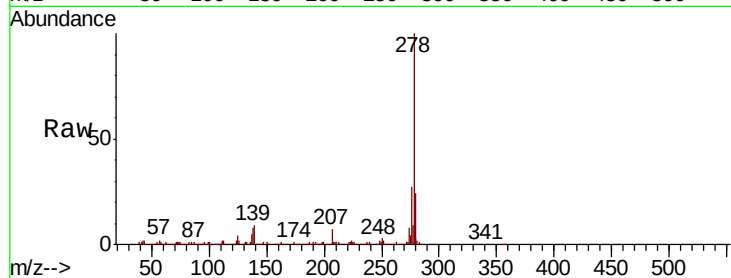


#91
Dibenzo(a,h)anthracene
Concen: 54.981 ng
RT: 29.17 min Scan# 4439
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion:278 Resp: 1042074

Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.2	12.4
279	24.0	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 52.564 ng
RT: 30.32 min Scan# 4635
Delta R.T. 0.00 min
Lab File: BG040579.D
Acq: 23 Apr 2019 20:03

Tgt Ion:276 Resp: 1023869

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	12.8	9.8	14.6

