

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
 Data File : BG040578.D
 Acq On : 23 Apr 2019 19:25
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 24 04:13:09 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	45640	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	200599	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	139227	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	343299	20.00	ng	0.00
76) Chrysene-d12	21.82	240	365800	20.00	ng	0.00
87) Perylene-d12	25.20	264	366816	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	201293	73.32	ng	0.00
7) Phenol-d6	7.29	99	310237	81.77	ng	0.00
23) Nitrobenzene-d5	9.34	82	344130	91.19	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	150524	100.04	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	774998	82.48	ng	0.00
79) Terphenyl-d14	20.13	244	1354990	83.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	45331	35.115	ng	100
3) Pyridine	3.97	79	138164	39.751	ng	100
4) n-Nitrosodimethylamine	3.88	42	72373	45.014	ng	100
6) Aniline	7.48	93	207024	41.997	ng	100
8) 2-Chlorophenol	7.72	128	124480	38.733	ng	100
9) Benzaldehyde	7.29	77	93781	36.033	ng	100
10) Phenol	7.32	94	167273	40.617	ng	100
11) bis(2-Chloroethyl)ether	7.58	93	125371	38.008	ng	100
12) 1,3-Dichlorobenzene	8.05	146	134412	38.474	ng	100
13) 1,4-Dichlorobenzene	8.19	146	136018	39.091	ng	100
14) 1,2-Dichlorobenzene	8.52	146	130695	39.278	ng	100
15) Benzyl Alcohol	8.40	79	163087	53.372	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.68	45	248961	39.327	ng	100
17) 2-Methylphenol	8.59	107	117491	41.228	ng	100
18) Hexachloroethane	9.25	117	55408	41.864	ng	100
19) n-Nitroso-di-n-propylamine	8.97	70	137058	50.382	ng	100
20) 3+4-Methylphenols	8.92	107	166043	43.010	ng	100
22) Acetophenone	8.99	105	223761	44.717	ng	100
24) Nitrobenzene	9.38	77	180864	46.280	ng	100
25) Isophorone	9.90	82	382160	49.214	ng	100
26) 2-Nitrophenol	10.09	139	65202	35.210	ng	100
27) 2,4-Dimethylphenol	10.13	122	122791	41.745	ng	100
28) bis(2-Chloroethoxy)methane	10.38	93	194165	42.264	ng	100
29) 2,4-Dichlorophenol	10.62	162	142862	44.746	ng	100
30) 1,2,4-Trichlorobenzene	10.84	180	156606	44.671	ng	100
31) Naphthalene	11.04	128	428911	41.714	ng	100
32) Benzoic acid	10.26	122	82214	46.261	ng	100
33) 4-Chloroaniline	11.14	127	185029	42.187	ng	100
34) Hexachlorobutadiene	11.30	225	114996	51.290	ng	100
35) Caprolactam	11.93	113	56143	44.311	ng	100
36) 4-Chloro-3-methylphenol	12.24	107	172713	47.055	ng	100
37) 2-Methylnaphthalene	12.63	142	319661	42.036	ng	100
38) 1-Methylnaphthalene	12.85	142	309605	41.986	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	207522	46.896	ng	100

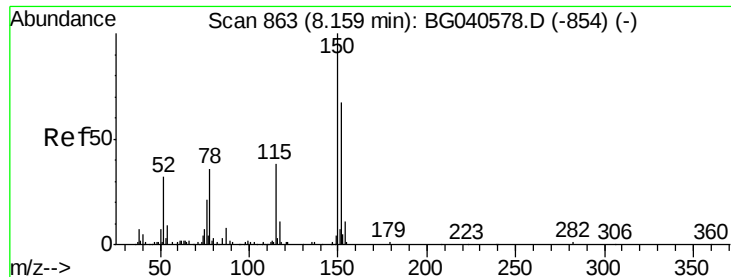
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	121344	49.942	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	121874	42.718	ng	100
44) 2,4,5-Trichlorophenol	13.29	196	134327	43.196	ng	100
46) 1,1'-Biphenyl	13.63	154	431502	39.225	ng	100
47) 2-Chloronaphthalene	13.68	162	335707	39.784	ng	100
48) 2-Nitroaniline	13.88	65	116990	41.102	ng	100
49) Acenaphthylene	14.52	152	578064	40.404	ng	100
50) Dimethylphthalate	14.24	163	467135	42.870	ng	100
51) 2,6-Dinitrotoluene	14.37	165	90327	36.919	ng	100
52) Acenaphthene	14.86	154	325310	39.681	ng	100
53) 3-Nitroaniline	14.70	138	92539	35.731	ng	100
54) 2,4-Dinitrophenol	14.89	184	42901	32.971	ng	100
55) Dibenzofuran	15.19	168	538880	40.907	ng	100
56) 4-Nitrophenol	14.97	139	78181	37.403	ng	100
57) 2,4-Dinitrotoluene	15.14	165	120754	35.520	ng	100
58) Fluorene	15.83	166	439250	42.411	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	137192	48.617	ng	100
60) Diethylphthalate	15.59	149	488548	43.815	ng	100
61) 4-Chlorophenyl-phenylether	15.83	204	254705	46.008	ng	100
62) 4-Nitroaniline	15.86	138	103021	37.067	ng	100
63) Azobenzene	16.11	77	504368	47.955	ng	100
65) 4,6-Dinitro-2-methylphenol	15.90	198	58757	30.464	ng	100
66) n-Nitrosodiphenylamine	16.04	169	398706	39.688	ng	100
67) 4-Bromophenyl-phenylether	16.72	248	167547	43.369	ng	100
68) Hexachlorobenzene	16.82	284	172583	44.430	ng	100
69) Atrazine	16.98	200	162543	43.496	ng	100
70) Pentachlorophenol	17.17	266	102896	45.819	ng	100
71) Phenanthrene	17.58	178	737681	40.881	ng	100
72) Anthracene	17.67	178	744864	41.241	ng	100
73) Carbazole	17.94	167	677950	39.663	ng	100
74) Di-n-butylphthalate	18.48	149	814226	40.187	ng	100
75) Fluoranthene	19.58	202	918842	43.003	ng	100
77) Benzidine	19.76	184	424383	32.127	ng	100
78) Pyrene	19.94	202	936675	38.938	ng	100
80) Butylbenzylphthalate	20.81	149	358422	34.820	ng	100
81) Benzo(a)anthracene	21.80	228	933597	41.436	ng	100
82) 3,3'-Dichlorobenzidine	21.72	252	336642	39.277	ng	100
83) Chrysene	21.87	228	890771	41.137	ng	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	519784	35.325	ng	100
85) Di-n-octyl phthalate	22.96	149	875286	34.914	ng	100
86) Indeno(1,2,3-cd)pyrene	29.09	276	1061358	40.075	ng	100
88) Benzo(b)fluoranthene	24.12	252	900208	40.084	ng	100
89) Benzo(k)fluoranthene	24.19	252	837721	40.563	ng	100
90) Benzo(a)pyrene	25.04	252	855549	40.602	ng	100
91) Dibenzo(a,h)anthracene	29.17	278	865022	44.201	ng	100
92) Benzo(g,h,i)perylene	30.32	276	861584	42.839	ng	100

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

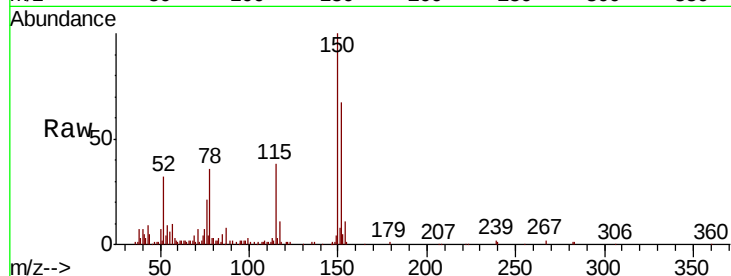


#1

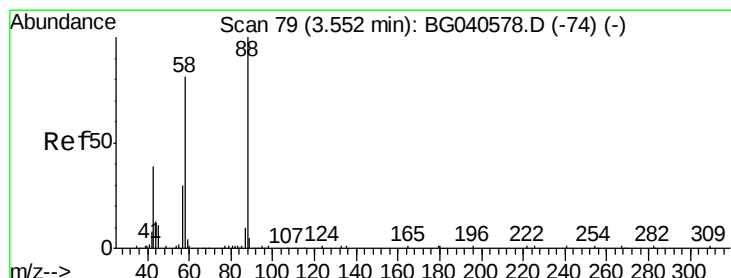
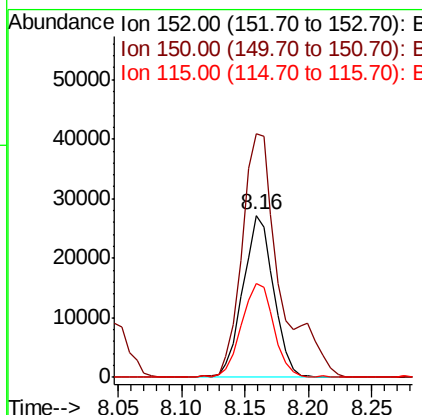
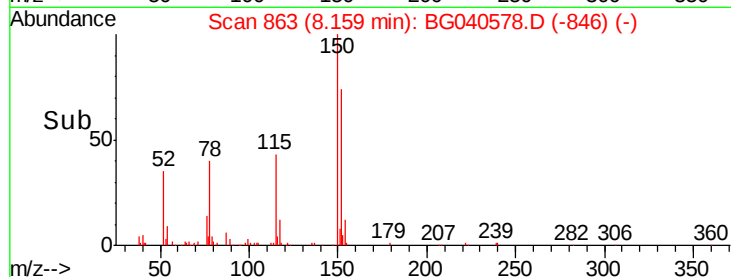
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:152 Resp: 45640
Ion Ratio Lower Upper
152 100
150 150.2 120.2 180.2
115 57.7 46.2 69.2



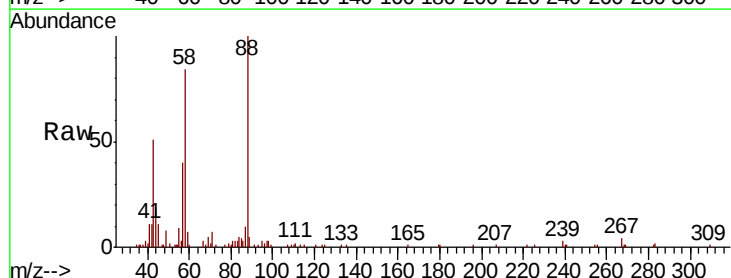
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



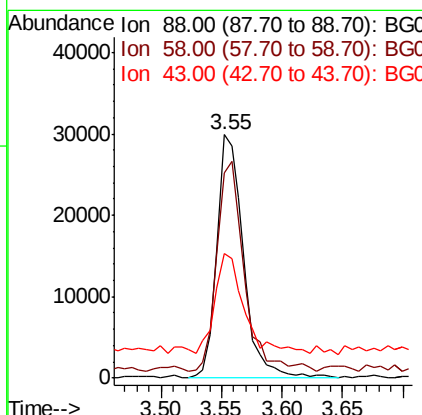
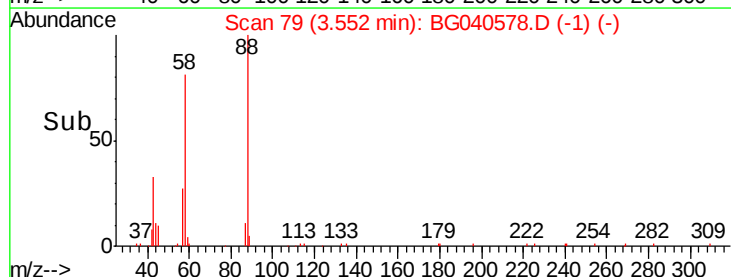
#2

1,4-Dioxane
Concen: 35.115 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion: 88 Resp: 45331
Ion Ratio Lower Upper
88 100
58 89.0 71.2 106.8
43 44.5 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: 39.751 ng

RT: 3.97 min Scan# 150

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

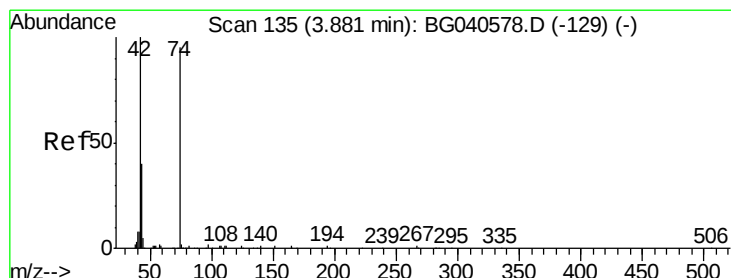
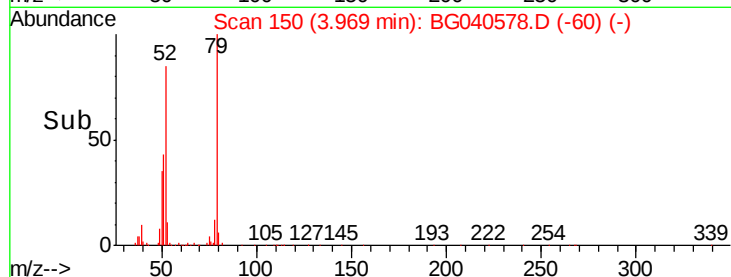
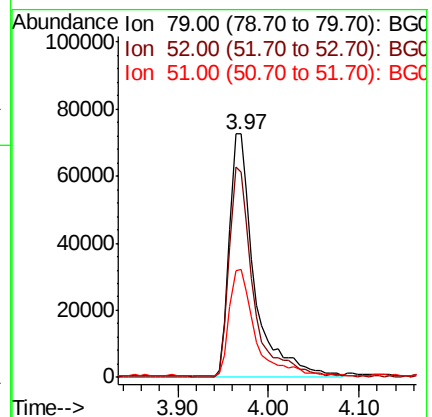
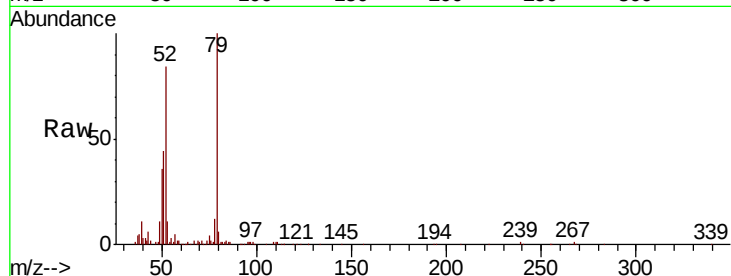
Tot Ion: 79 Resp: 138164

Ion Ratio Lower Upper

79 100

52 84.4 67.5 101.3

51 44.5 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 45.014 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

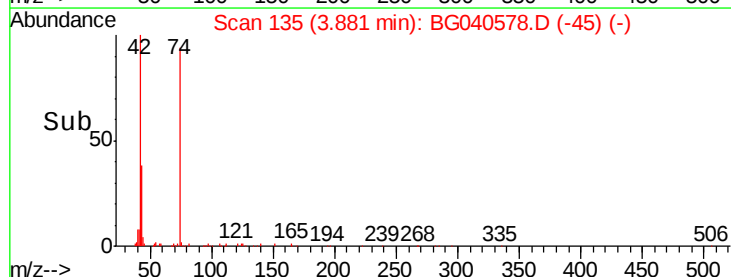
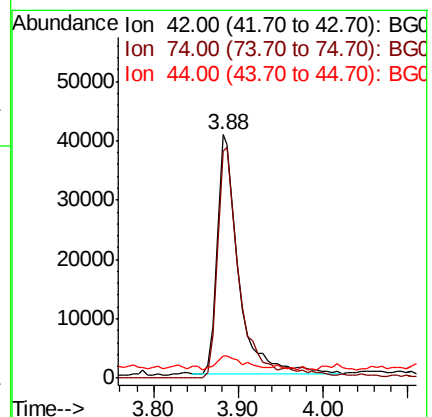
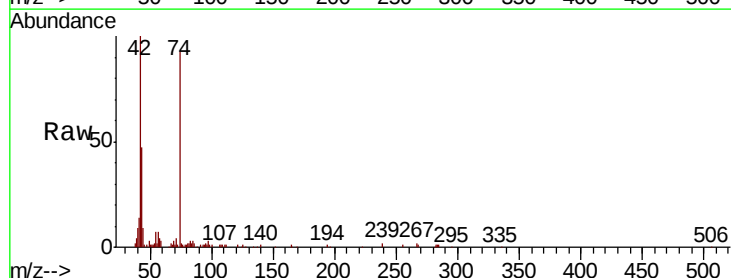
Tgt Ion: 42 Resp: 72373

Ion Ratio Lower Upper

42 100

74 93.2 74.6 111.8

44 9.2 7.4 11.0





#5

2-Fluorophenol

Concen: 73.320 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

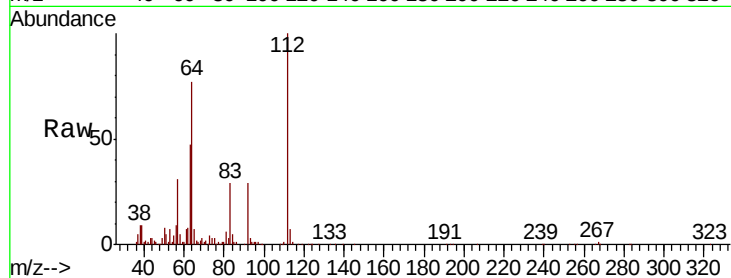
Tot Ion:112 Resp: 201293

Ion Ratio Lower Upper

112 100

64 76.7 61.4 92.0

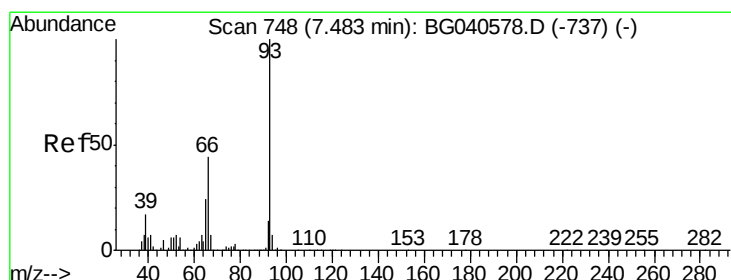
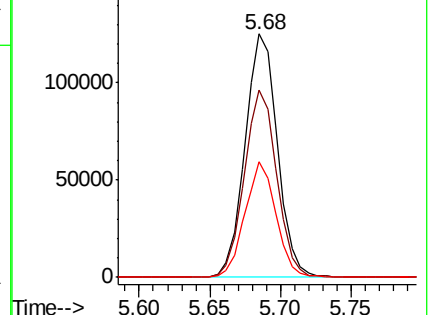
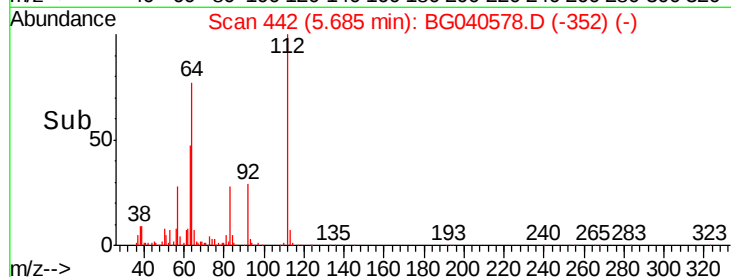
63 47.2 37.8 56.6



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: 41.997 ng

RT: 7.48 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

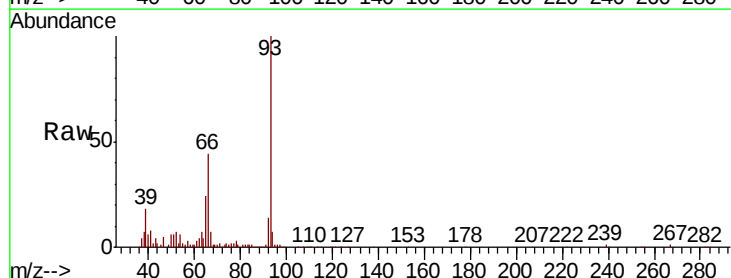
Tgt Ion: 93 Resp: 207024

Ion Ratio Lower Upper

93 100

66 44.4 35.5 53.3

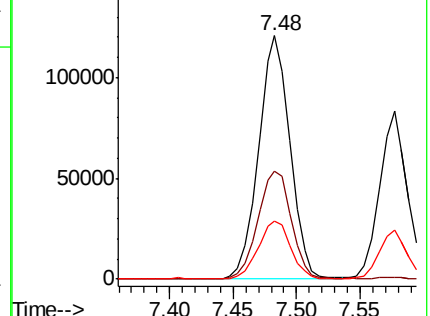
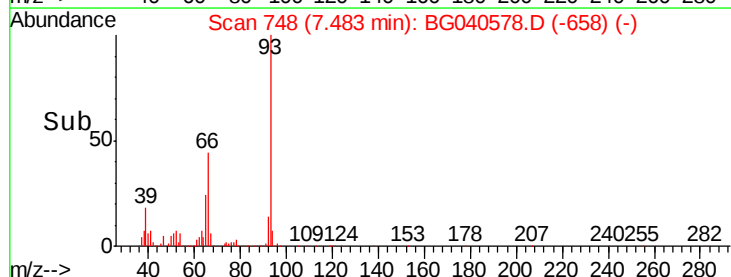
65 24.0 19.2 28.8



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: 81.766 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

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ClientSampleId :

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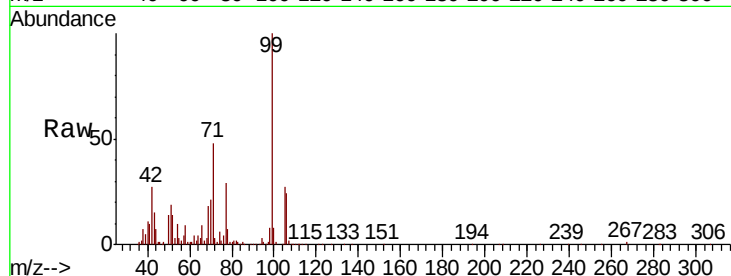
Tot Ion: 99 Resp: 310237

Ion Ratio Lower Upper

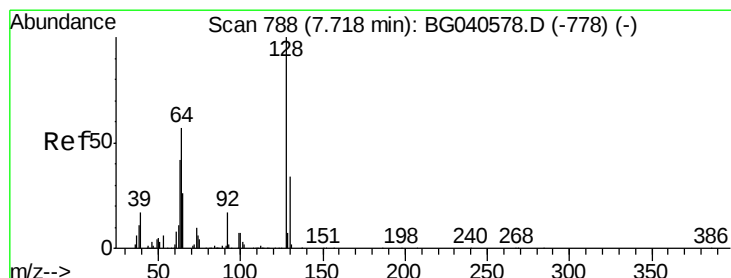
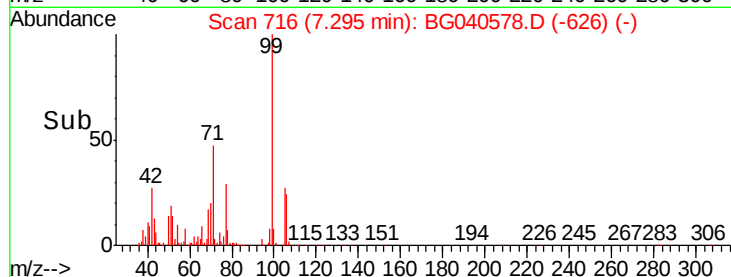
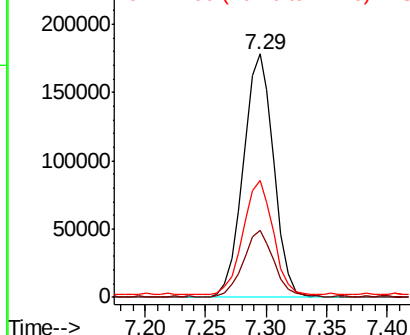
99 100

42 27.3 21.8 32.8

71 48.2 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: 38.733 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

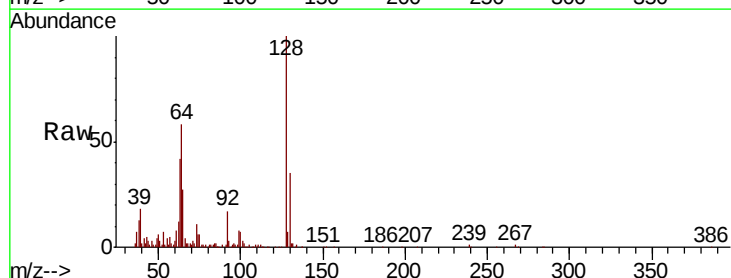
Tgt Ion:128 Resp: 124480

Ion Ratio Lower Upper

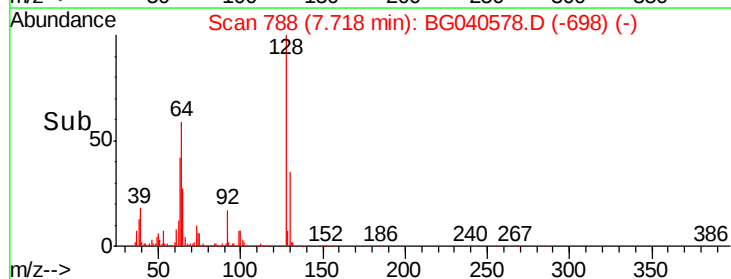
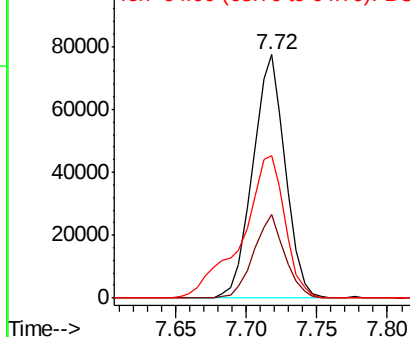
128 100

130 34.5 14.5 54.5

64 58.4 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: 36.033 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

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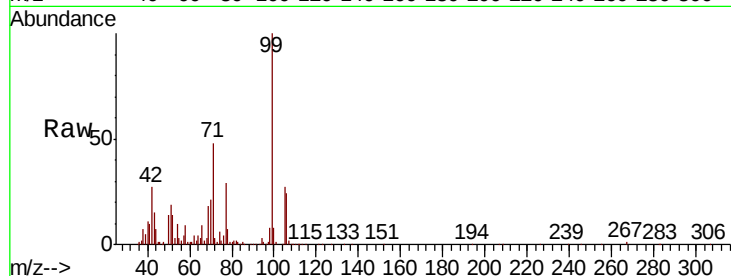
Tot Ion: 77 Resp: 93781

Ion Ratio Lower Upper

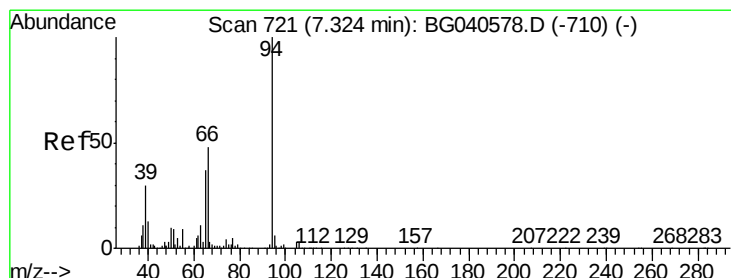
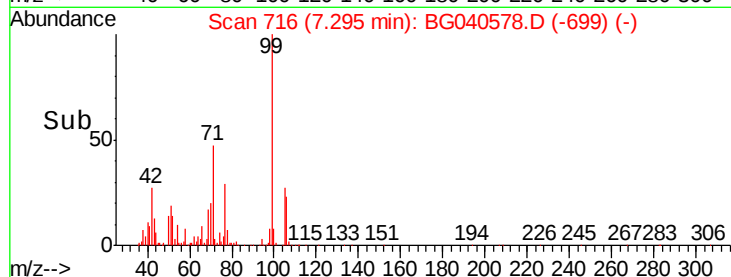
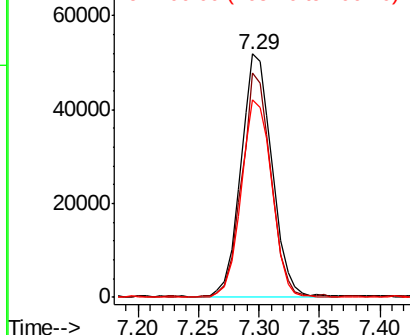
77 100

105 92.0 72.0 112.0

106 81.2 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: 40.617 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

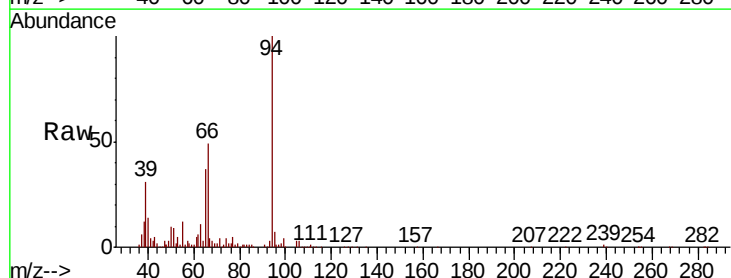
Tgt Ion: 94 Resp: 167273

Ion Ratio Lower Upper

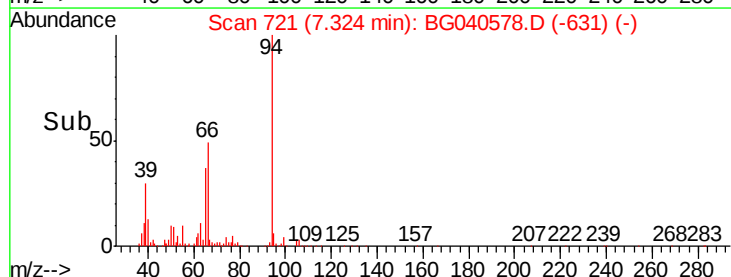
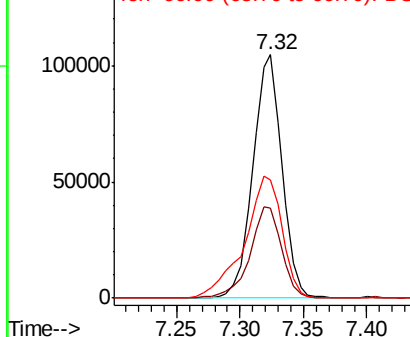
94 100

65 37.0 17.0 57.0

66 48.6 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: 38.008 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

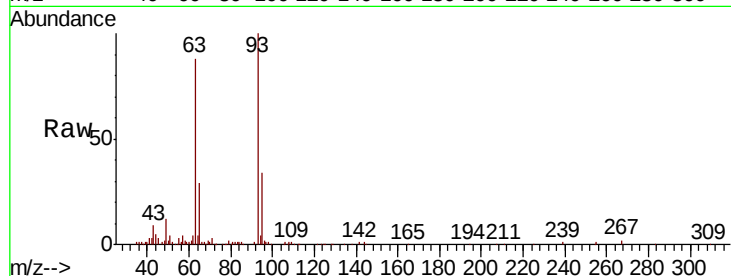
Tot Ion: 93 Resp: 125371

Ion Ratio Lower Upper

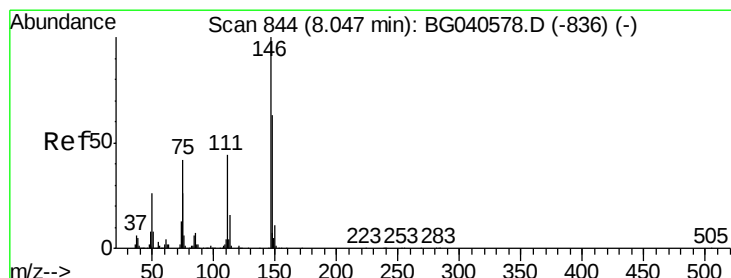
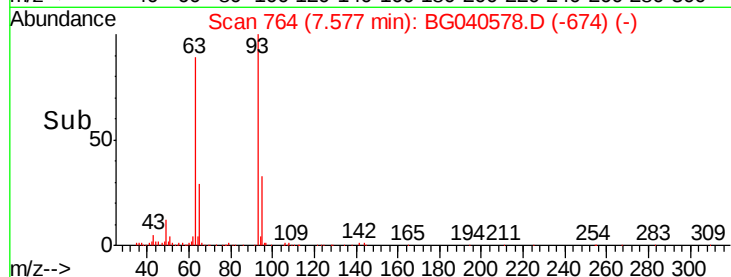
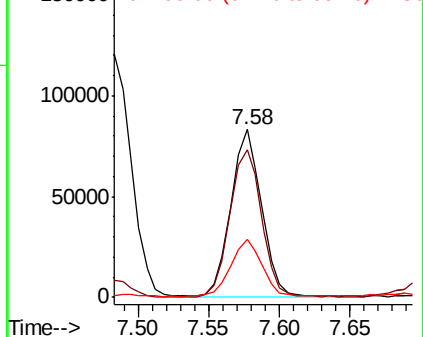
93 100

63 88.2 68.2 108.2

95 34.3 14.3 54.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.474 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

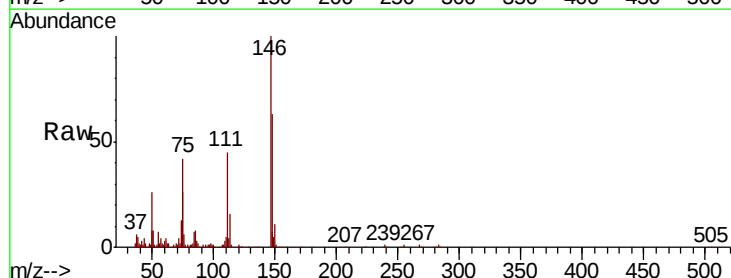
Tgt Ion: 146 Resp: 134412

Ion Ratio Lower Upper

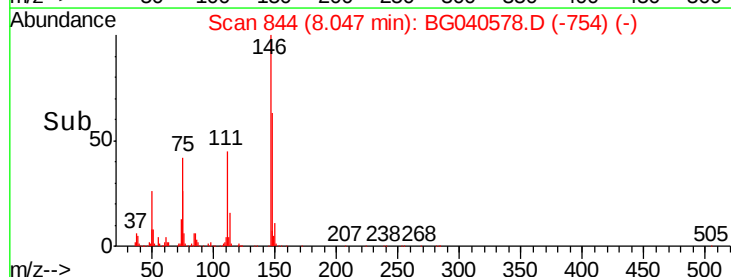
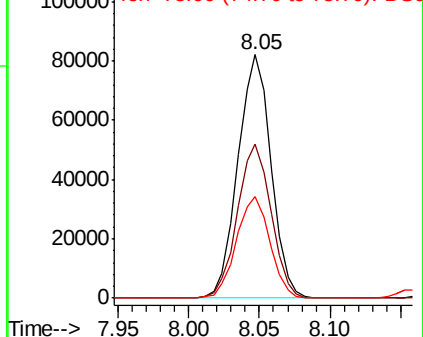
146 100

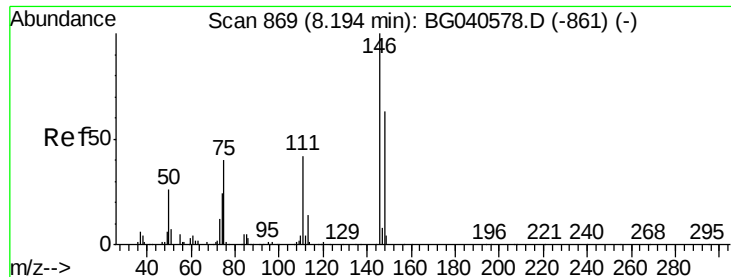
148 63.4 50.7 76.1

75 41.8 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 39.091 ng

RT: 8.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

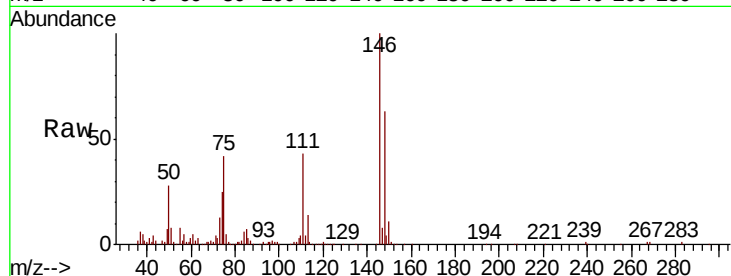
Tot Ion:146 Resp: 136018

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

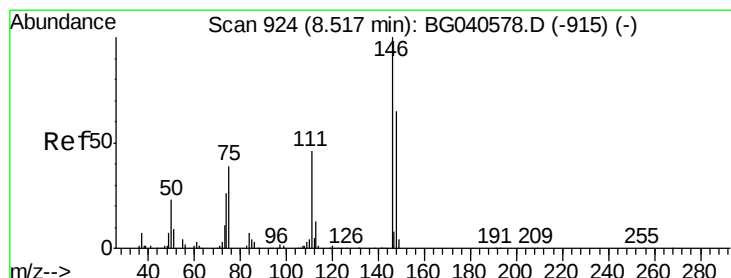
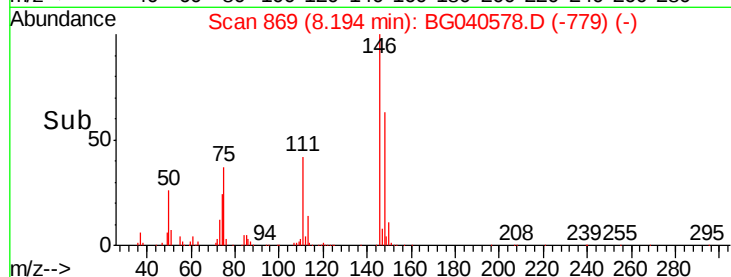
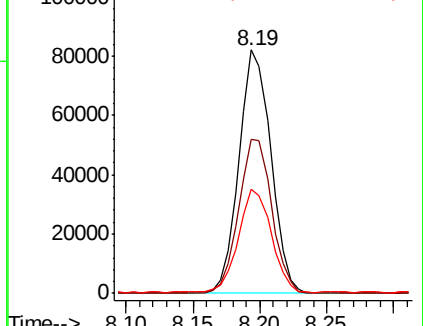
111 42.9 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.278 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

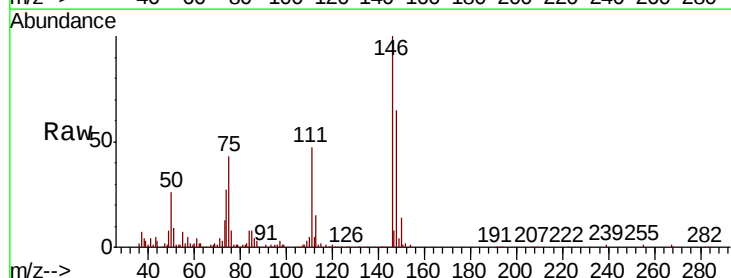
Tgt Ion:146 Resp: 130695

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.4

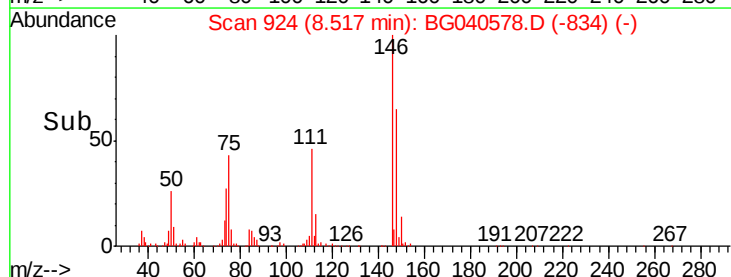
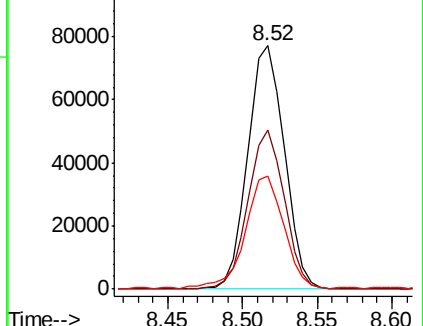
111 46.7 37.4 56.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.372 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

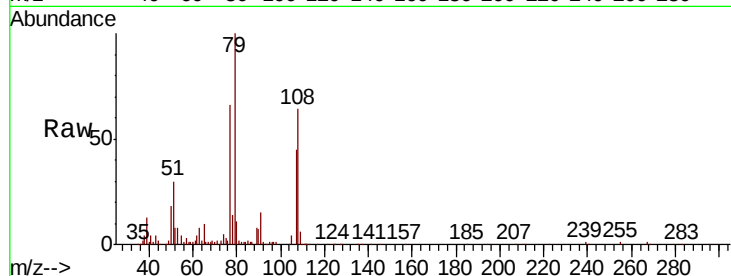
Tot Ion: 79 Resp: 163087

Ion Ratio Lower Upper

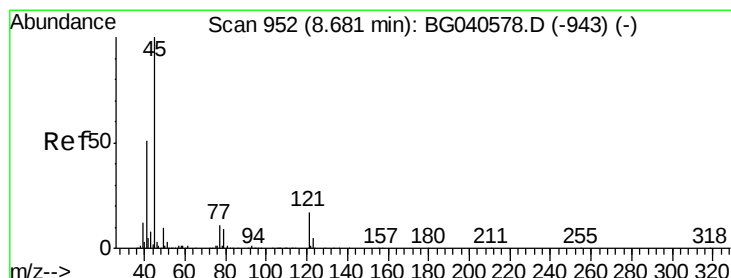
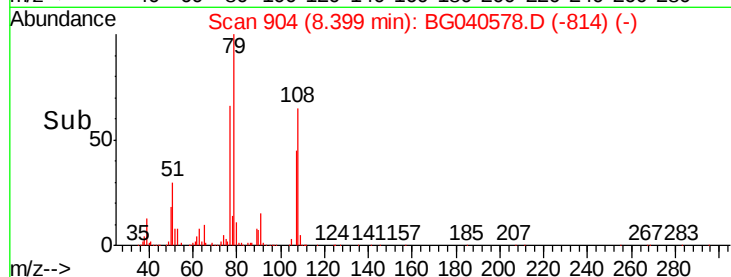
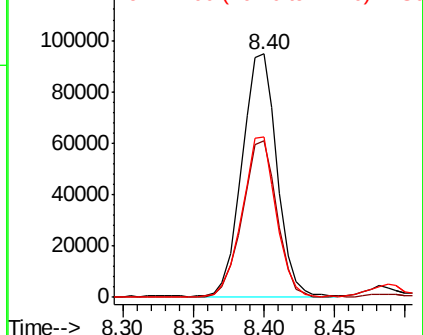
79 100

108 64.2 51.4 77.0

77 65.8 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: 39.327 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

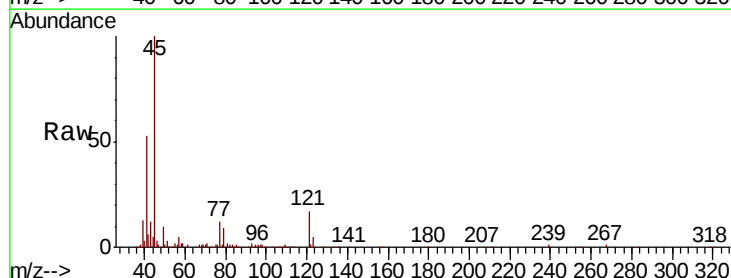
Tgt Ion: 45 Resp: 248961

Ion Ratio Lower Upper

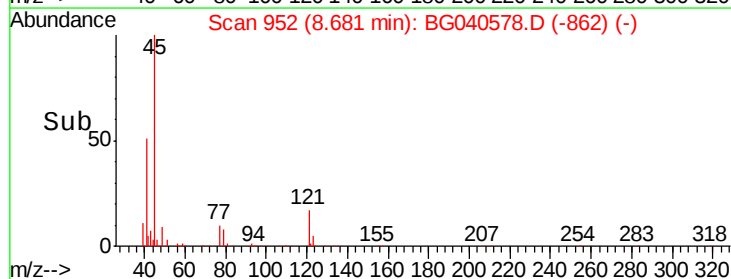
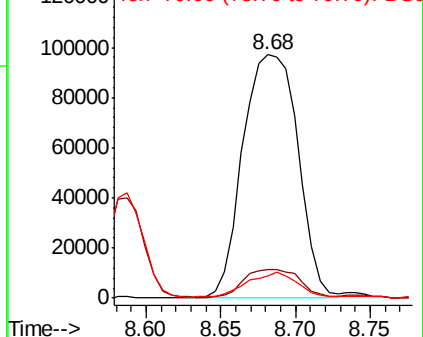
45 100

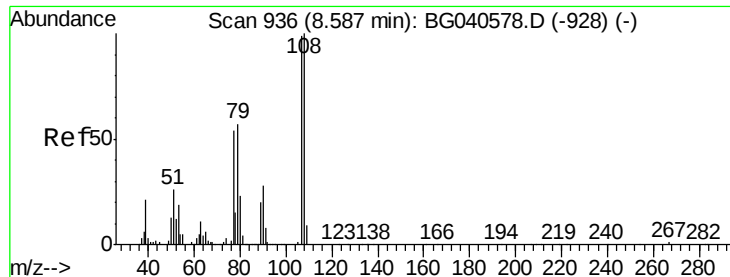
77 11.5 0.0 31.5

79 9.4 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: 41.228 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 117491

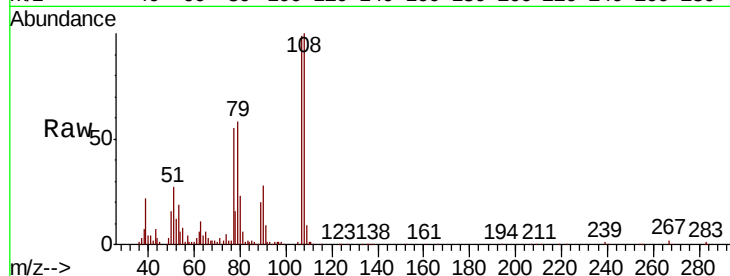
Ion Ratio Lower Upper

107 100

108 101.5 81.2 121.8

77 55.5 44.4 66.6

79 58.7 47.0 70.4

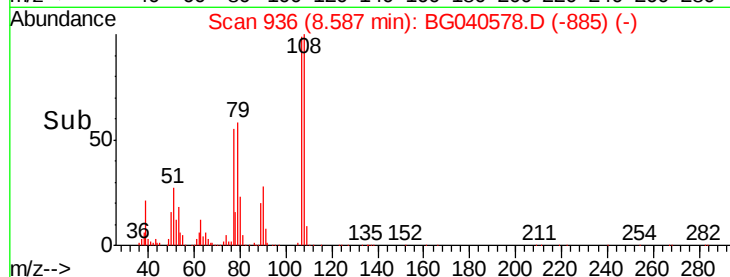


Abundance Ion 107.00 (106.70 to 107.70): E

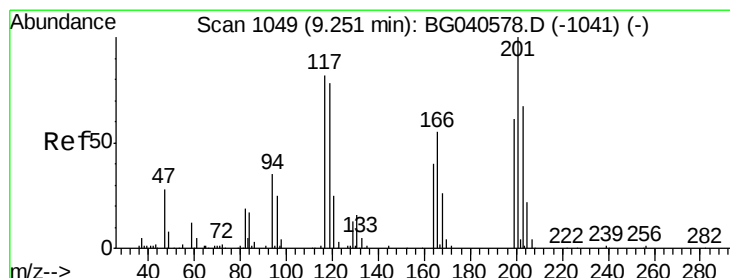
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 41.864 ng

RT: 9.25 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

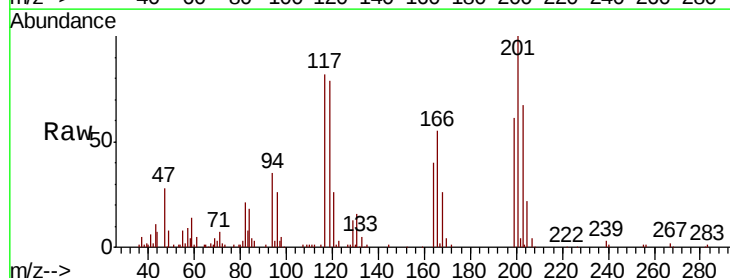
Tgt Ion:117 Resp: 55408

Ion Ratio Lower Upper

117 100

119 95.7 76.6 114.8

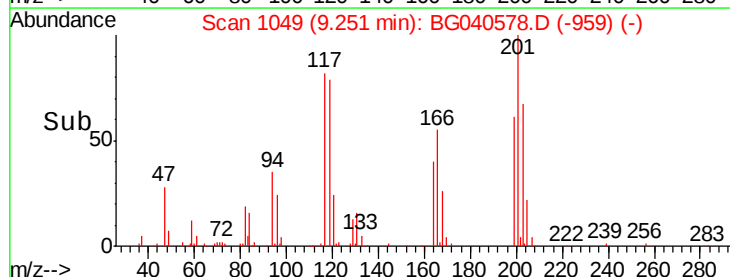
201 126.3 101.0 151.6



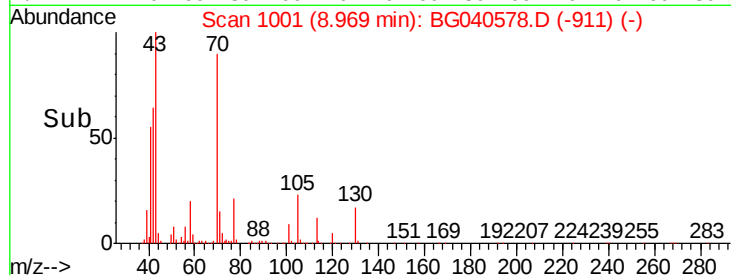
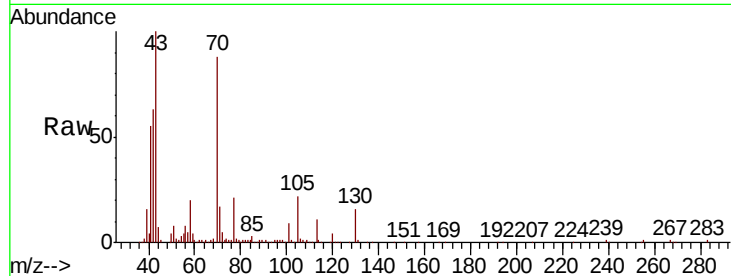
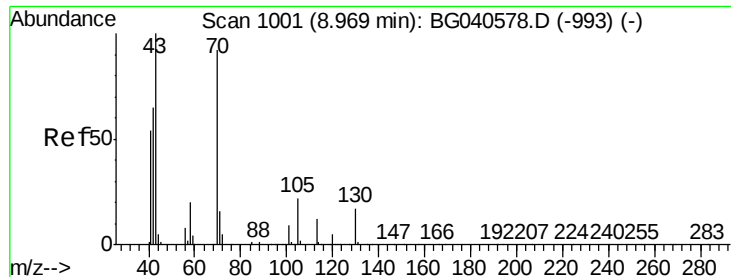
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



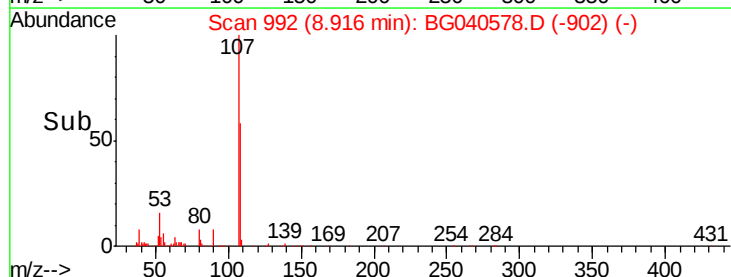
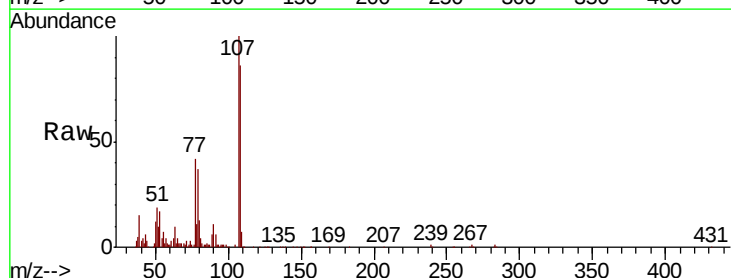
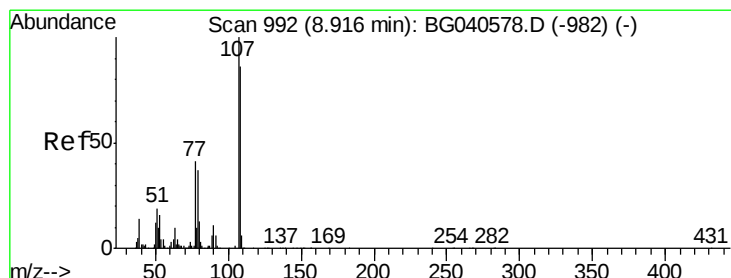
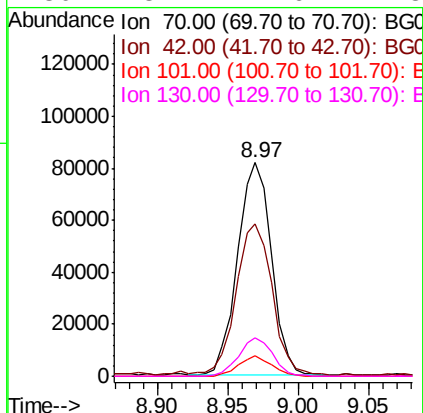
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 50.382 ng
RT: 8.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

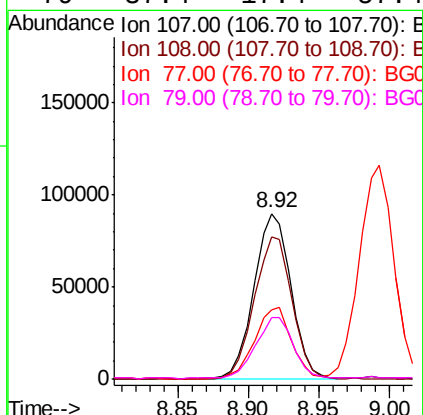
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:	70	Resp:	137058
Ion	Ratio	Lower	Upper
70	100		
42	71.4	57.1	85.7
101	9.8	7.8	11.8
130	18.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 43.010 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion:	107	Resp:	166043
Ion	Ratio	Lower	Upper
107	100		
108	86.1	66.1	106.1
77	41.6	21.6	61.6
79	37.4	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 200599

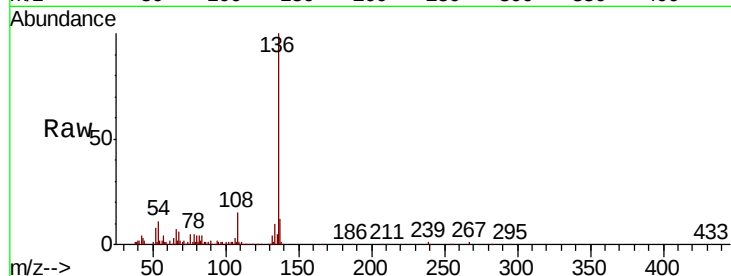
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 10.7 8.6 12.8

68 6.0 4.8 7.2

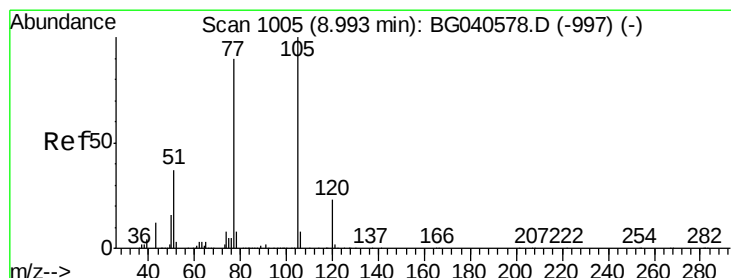
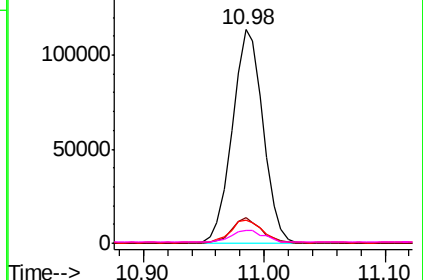
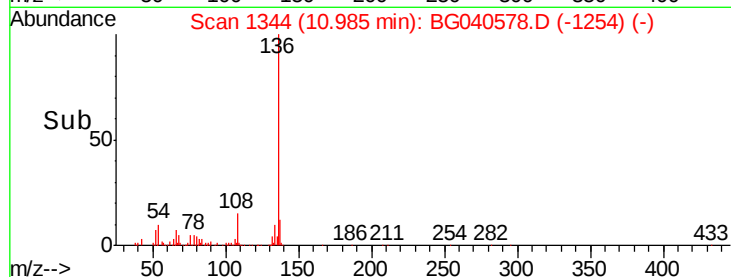


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.717 ng

RT: 8.99 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Tgt Ion:105 Resp: 223761

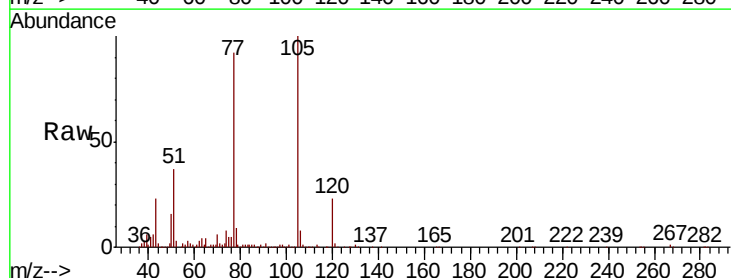
Ion Ratio Lower Upper

105 100

71 2.3 1.8 2.8

51 37.3 29.8 44.8

120 23.0 18.4 27.6

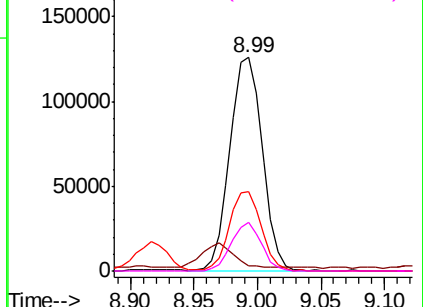
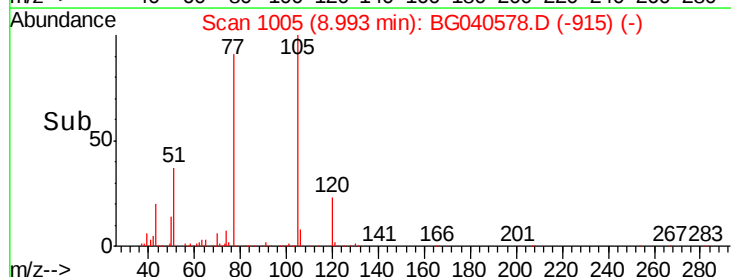


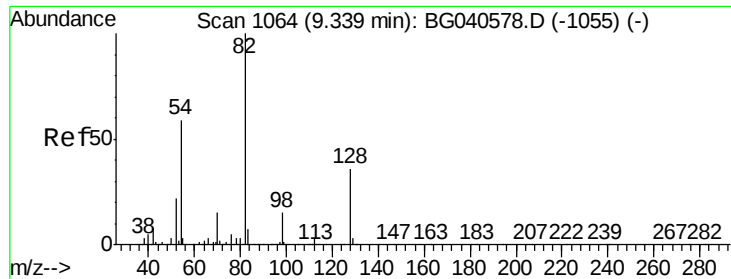
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

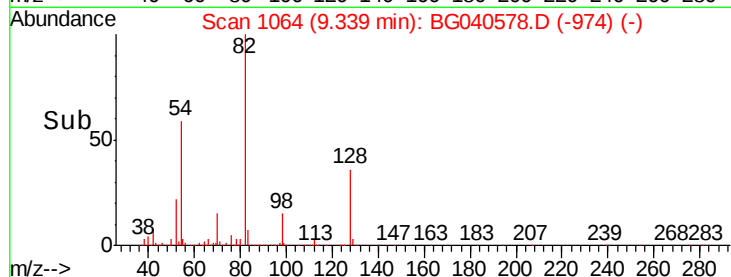
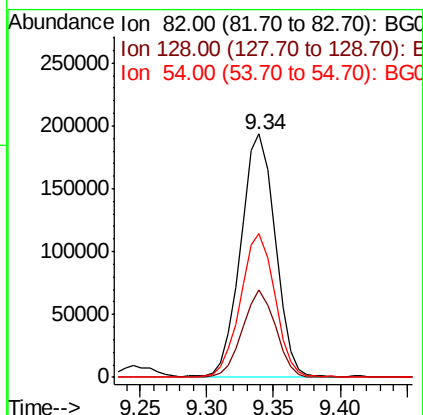
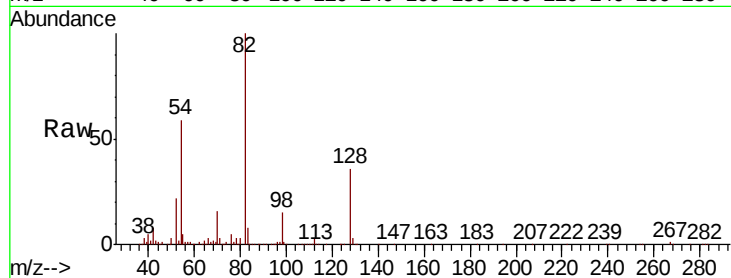




#23
 Nitrobenzene-d5
 Concen: 91.185 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

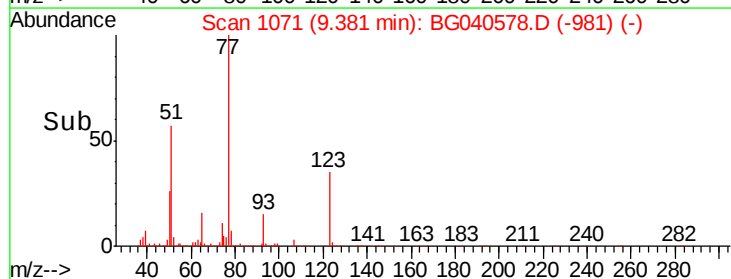
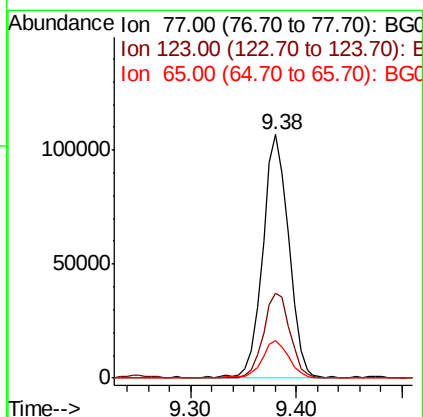
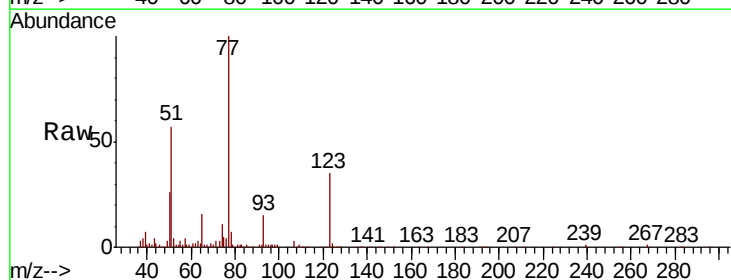
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

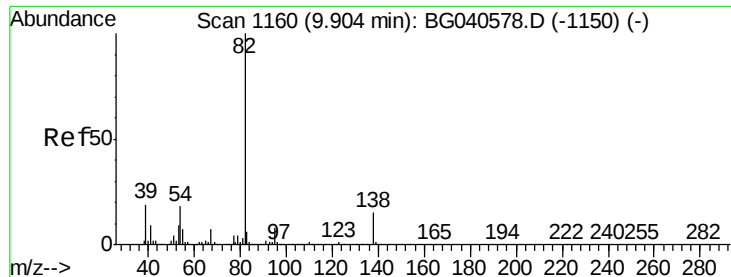
Tot Ion	82	Resp	344130
Ion Ratio	Lower	Upper	
82	100		
128	36.1	28.9	43.3
54	59.0	47.2	70.8



#24
 Nitrobenzene
 Concen: 46.280 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Tgt Ion	77	Resp	180864
Ion Ratio	Lower	Upper	
77	100		
123	34.7	27.8	41.6
65	15.5	12.4	18.6

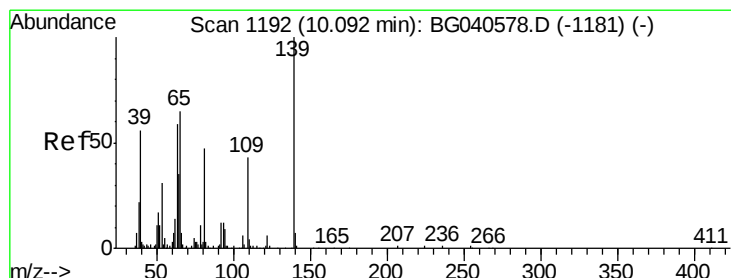
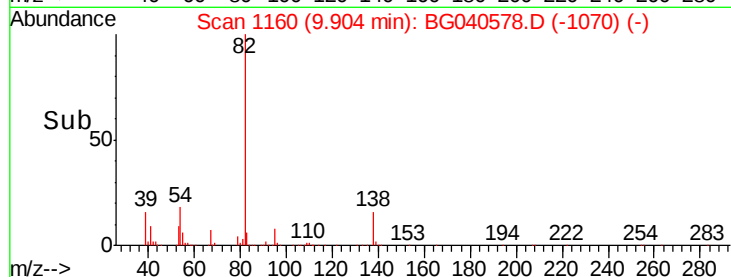
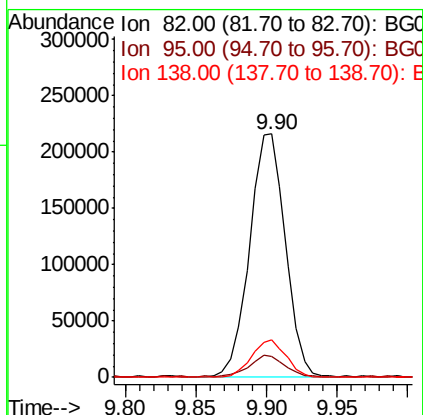
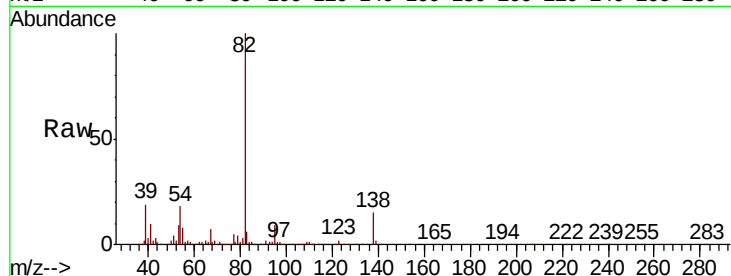




#25
Isophorone
Concen: 49.214 ng
RT: 9.90 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

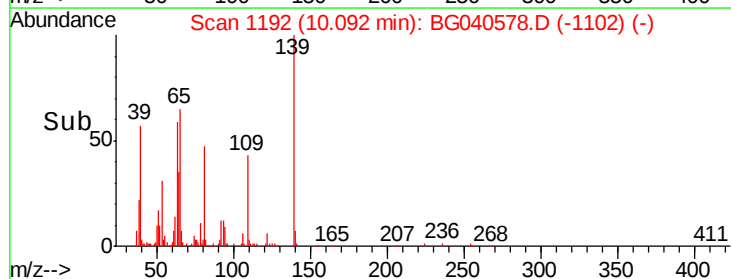
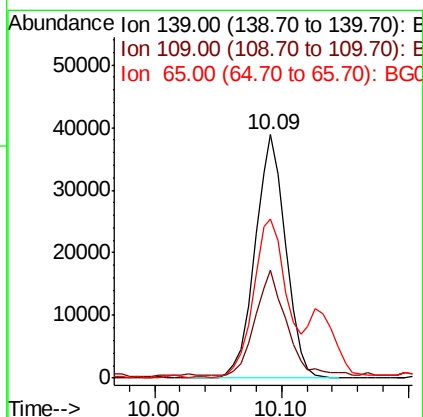
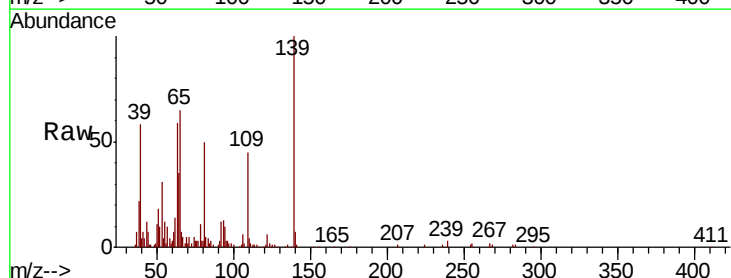
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

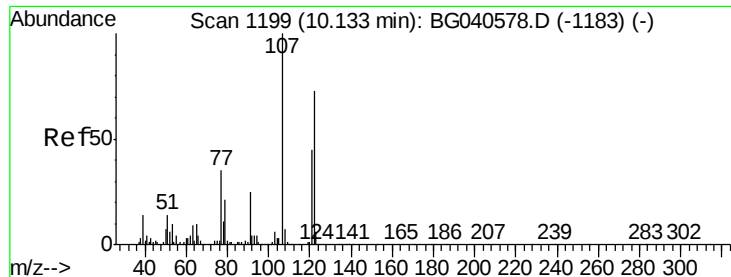
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.6	6.9	10.3
138	15.4	12.3	18.5



#26
2-Nitrophenol
Concen: 35.210 ng
RT: 10.09 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.5	35.6	53.4
65	65.4	52.3	78.5

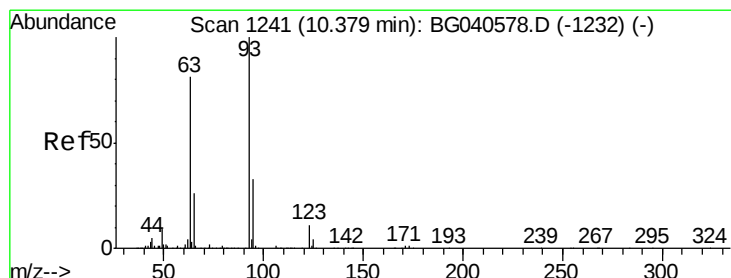
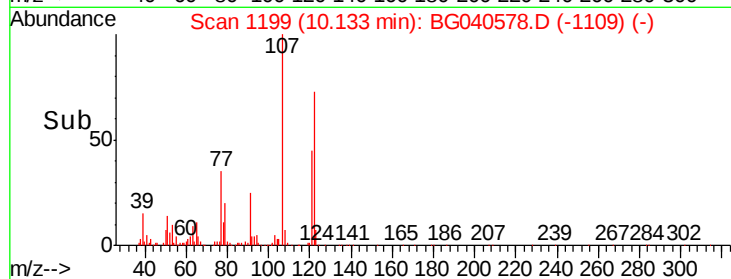
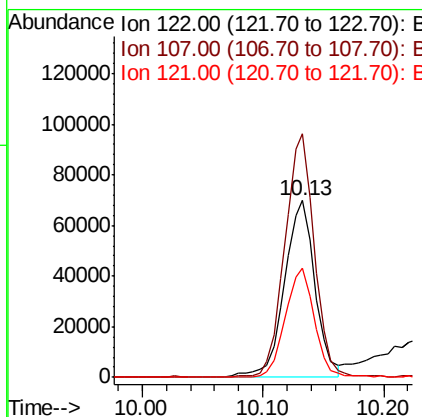
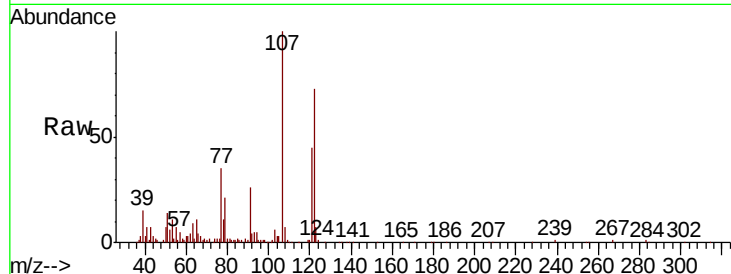




#27
2,4-Dimethylphenol
Concen: 41.745 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

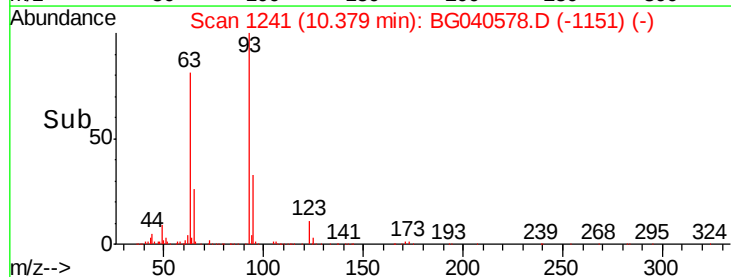
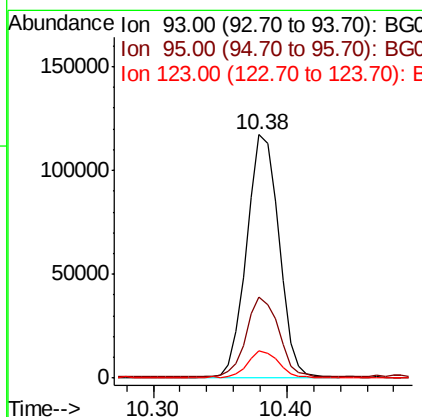
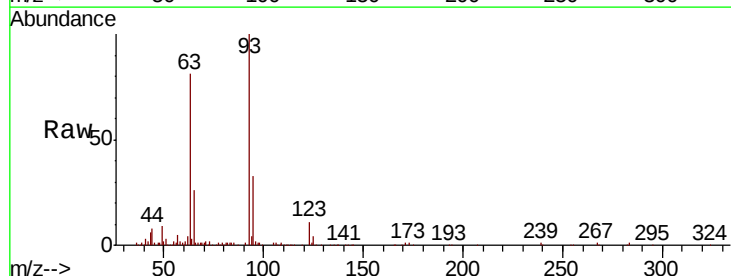
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

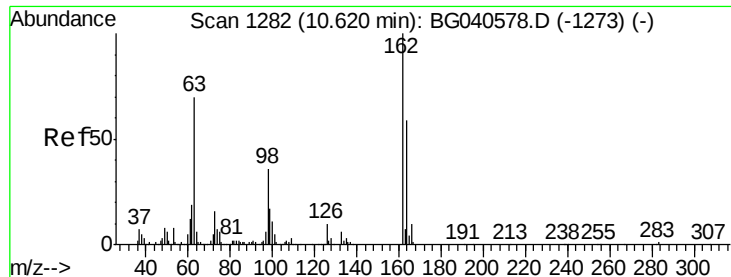
Tot Ion	Ratio	Lower	Upper
122	100		
107	137.6	110.1	165.1
121	61.7	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.264 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	11.2	9.0	13.4

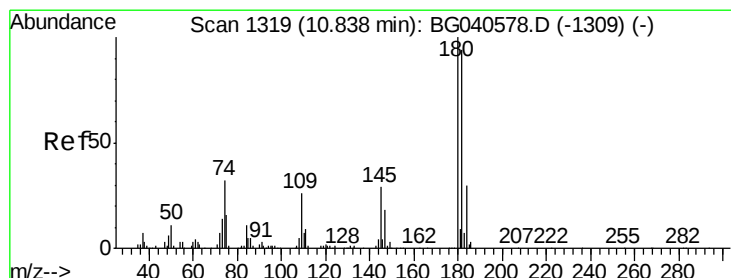
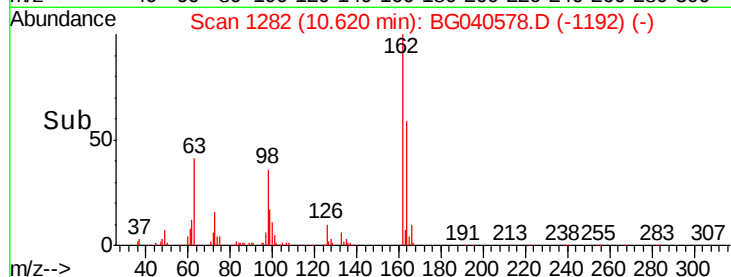
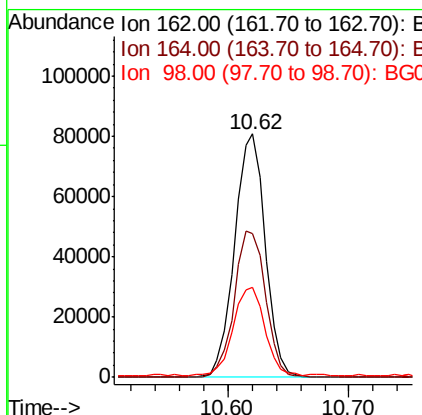
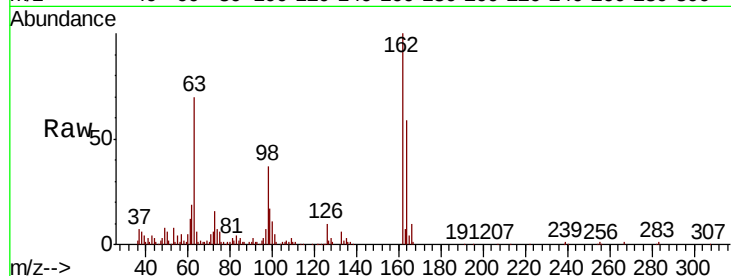




#29
 2,4-Dichlorophenol
 Concen: 44.746 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

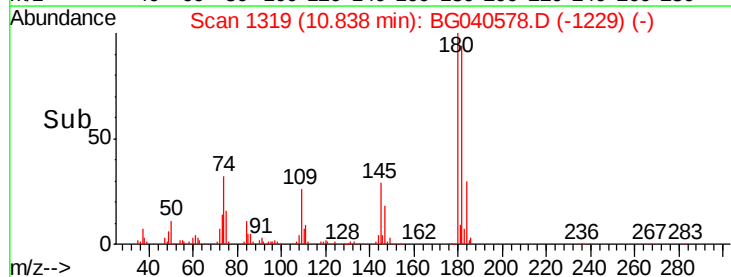
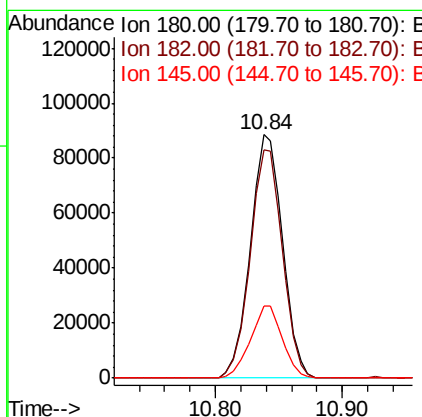
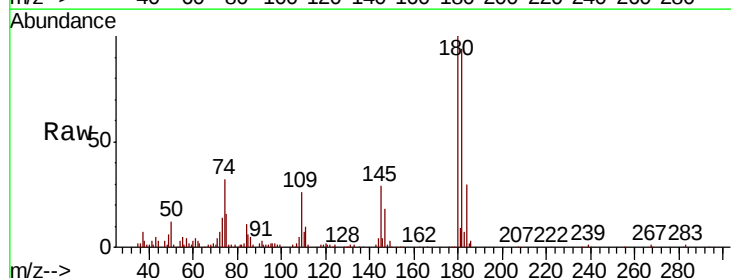
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.9	38.9	78.9
98	36.8	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 44.671 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.2	112.8
145	29.5	23.6	35.4

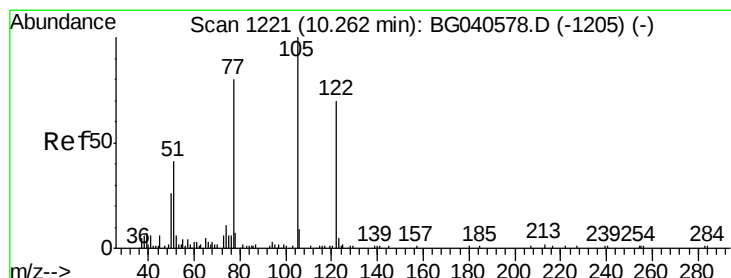
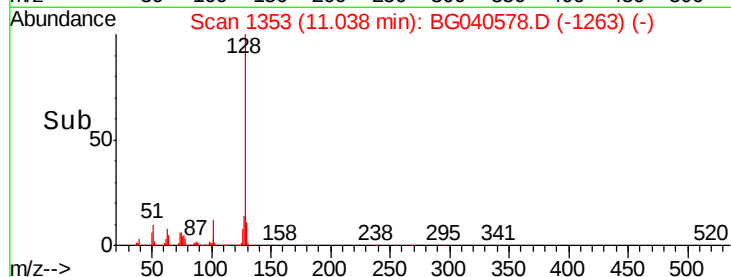
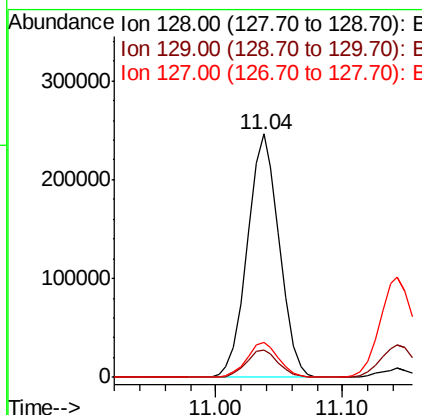
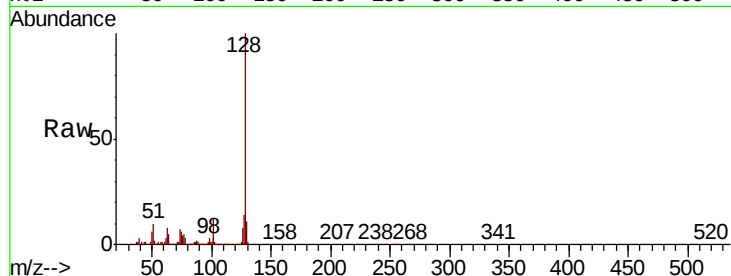




#31
Naphthalene
Concen: 41.714 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

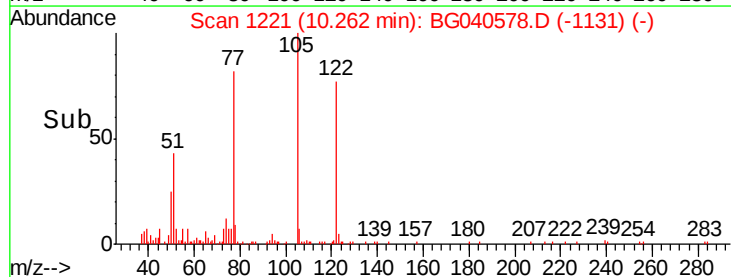
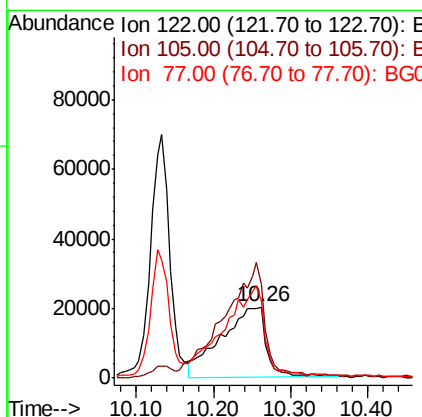
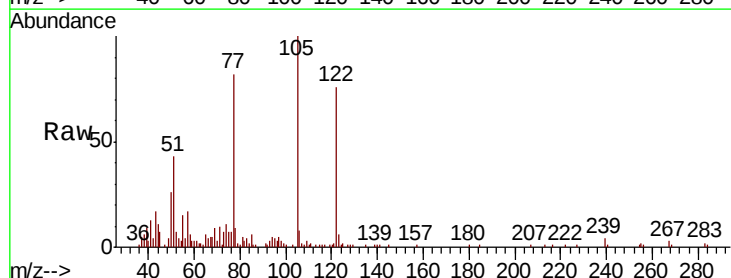
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

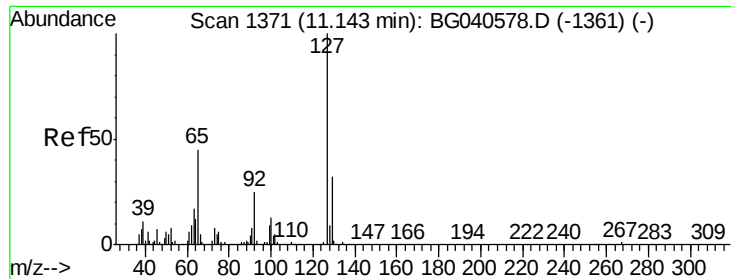
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 46.261 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.9	110.9	150.9
77	107.6	87.6	127.6

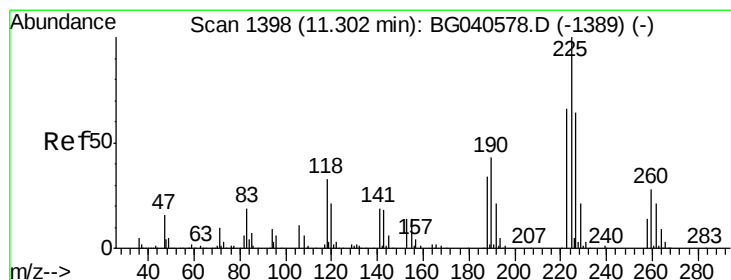
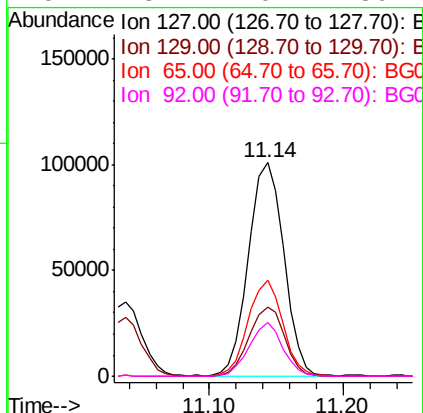
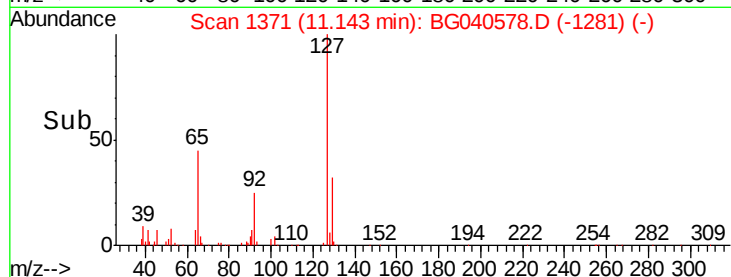
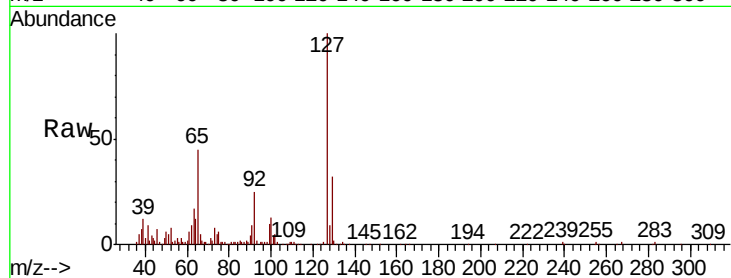




#33
4-Chloroaniline
Concen: 42.187 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

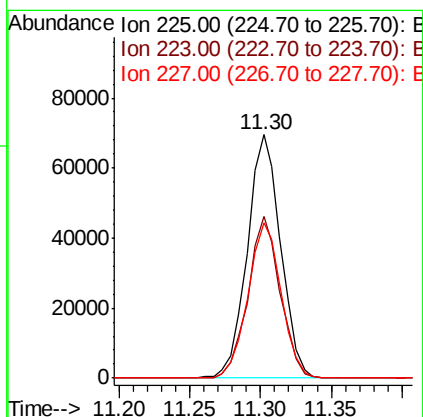
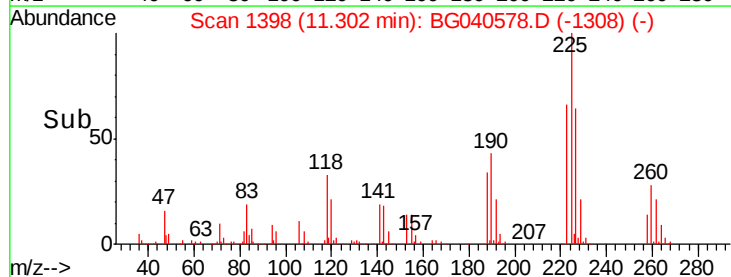
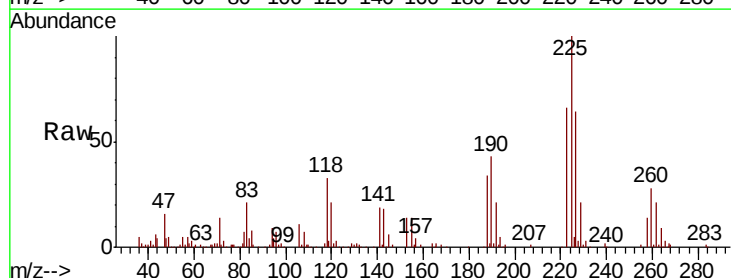
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

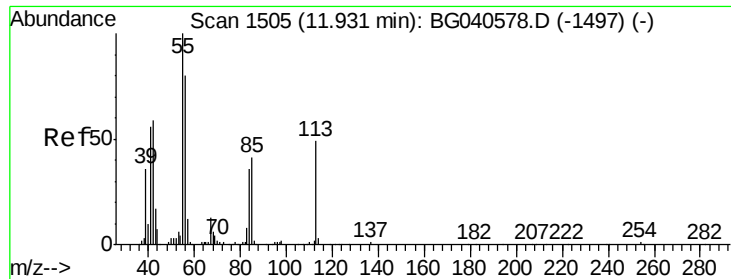
Tot Ion:127	Resp:	185029	
Ion Ratio	Lower	Upper	
127 100			
129 32.1	25.7	38.5	
65 45.1	36.1	54.1	
92 25.1	20.1	30.1	



#34
Hexachlorobutadiene
Concen: 51.290 ng
RT: 11.30 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt	Ion:225	Resp:	114996
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	63.8	51.0	76.6





#35

Caprolactam

Concen: 44.311 ng

RT: 11.93 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

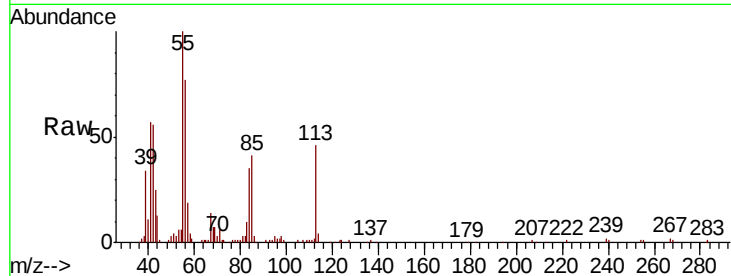
Tot Ion:113 Resp: 56143

Ion Ratio Lower Upper

113 100

55 218.6 198.6 238.6

56 168.4 148.4 188.4

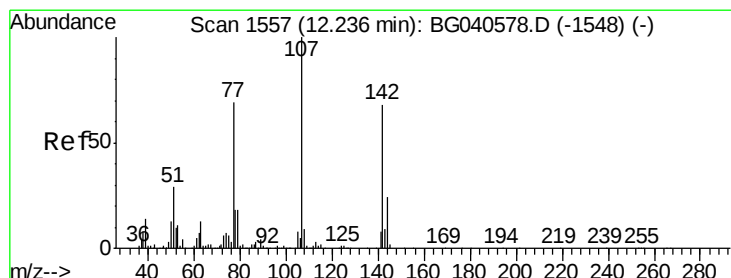
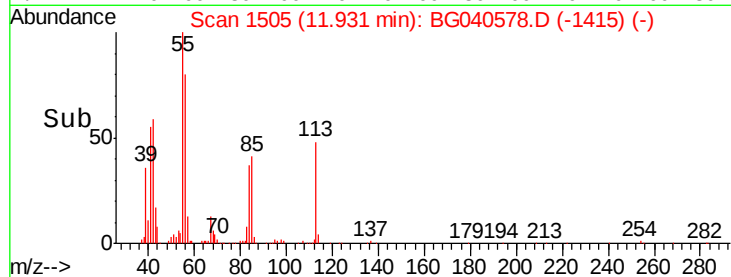
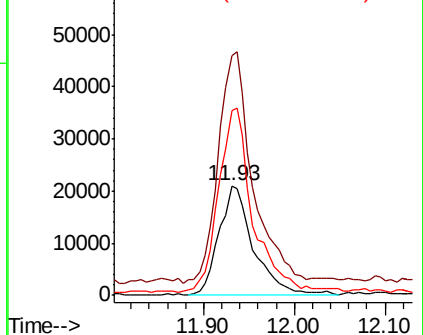


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.055 ng

RT: 12.24 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

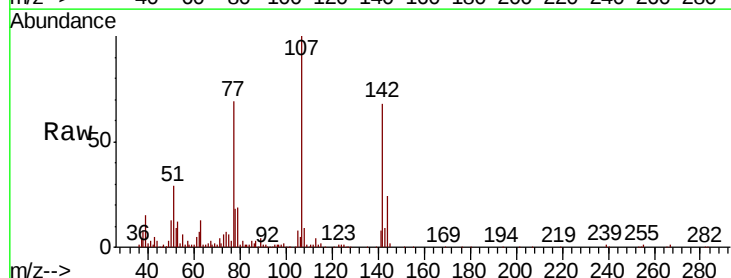
Tgt Ion:107 Resp: 172713

Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

142 68.2 54.6 81.8

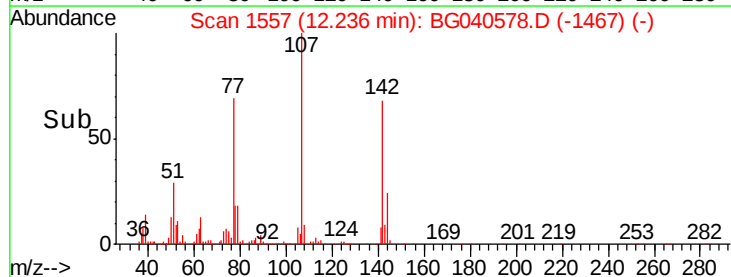
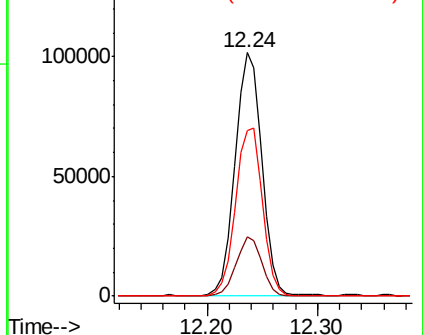


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

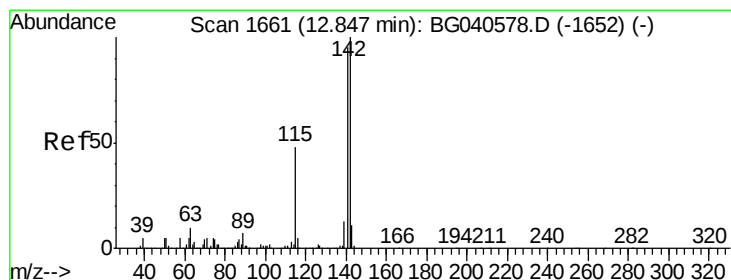
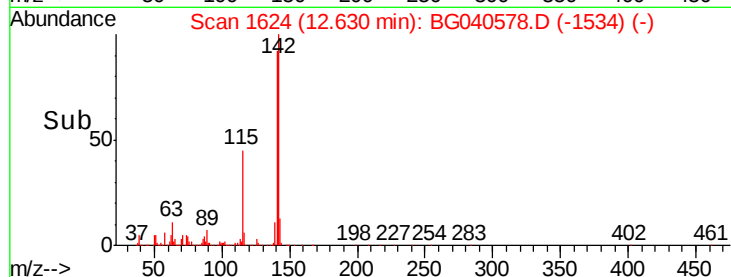
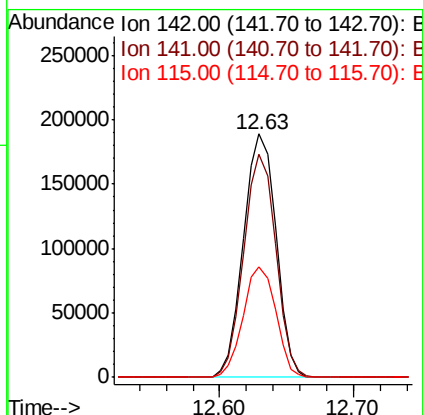
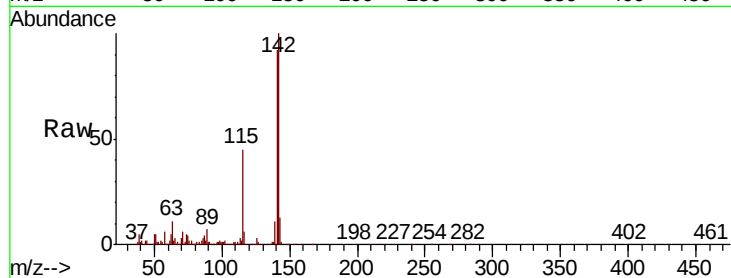




#37
2-Methylnaphthalene
Concen: 42.036 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

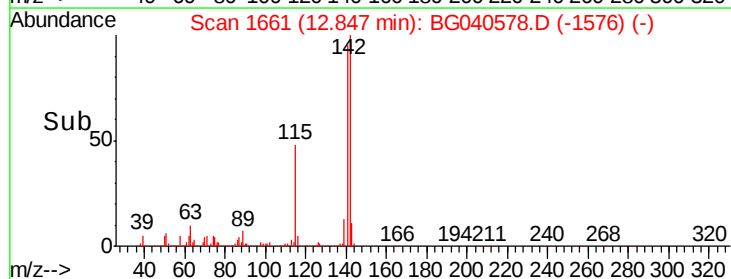
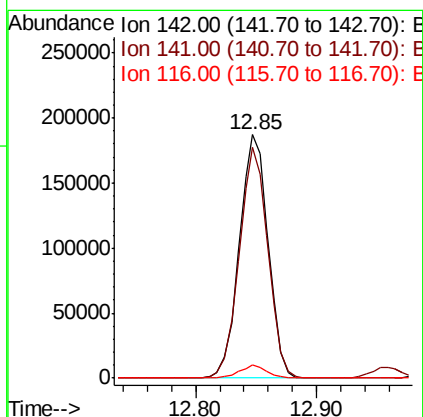
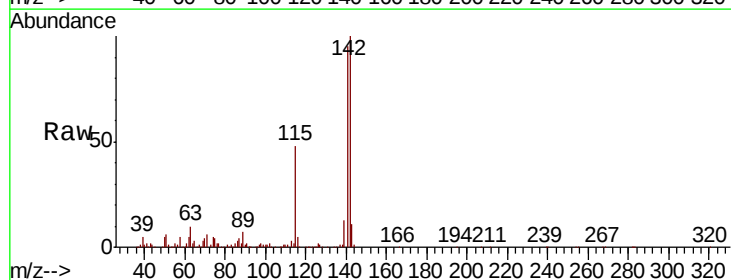
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

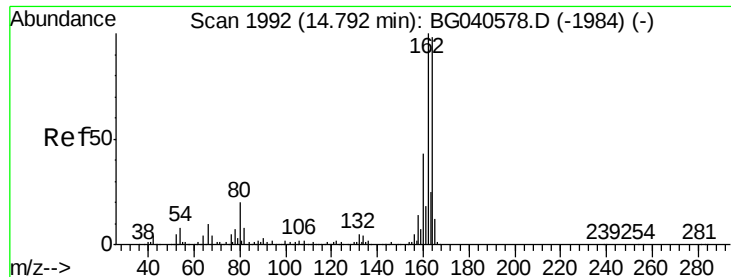
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2
115	45.3	36.2	54.4



#38
1-Methylnaphthalene
Concen: 41.986 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.9	113.9
116	5.3	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: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

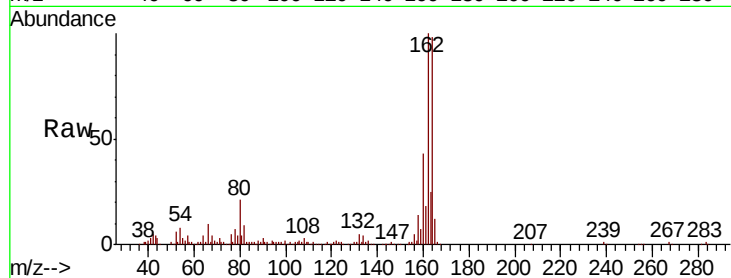
Tot Ion:164 Resp: 139227

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

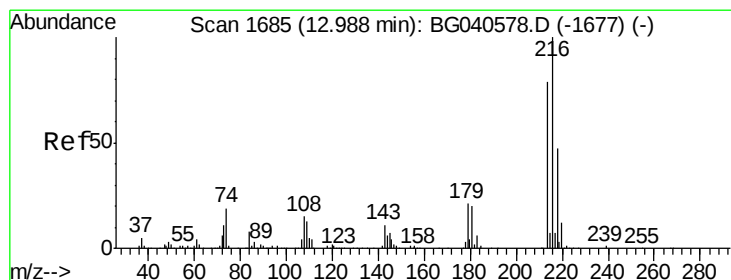
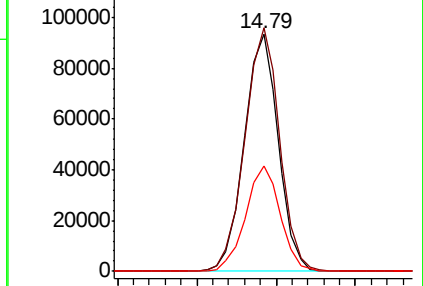
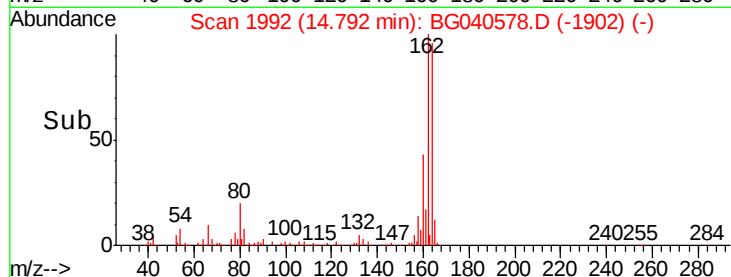
160 44.3 35.4 53.2



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: 46.896 ng

RT: 12.99 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Tgt Ion:216 Resp: 207522

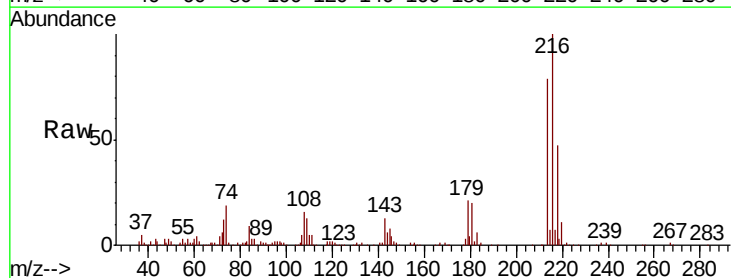
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 20.7 16.6 24.8

108 18.4 14.7 22.1

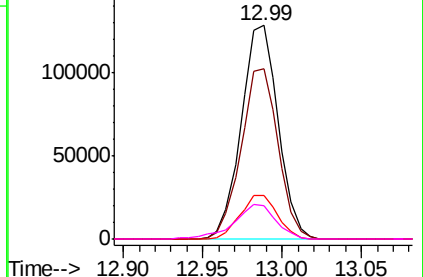
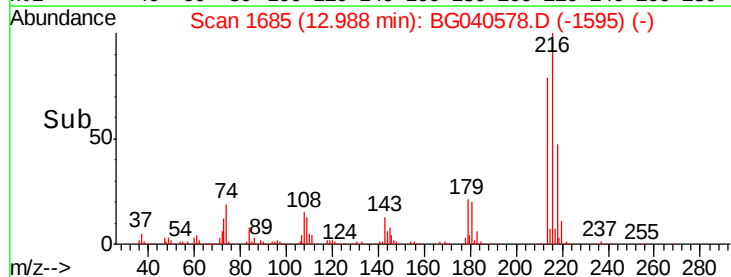


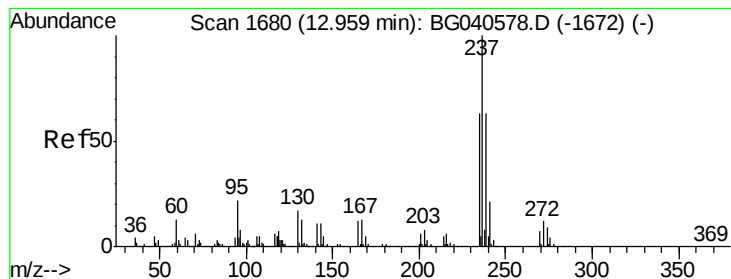
Abundance Ion 216.00 (215.70 to 216.70): E

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: 49.942 ng

RT: 12.96 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

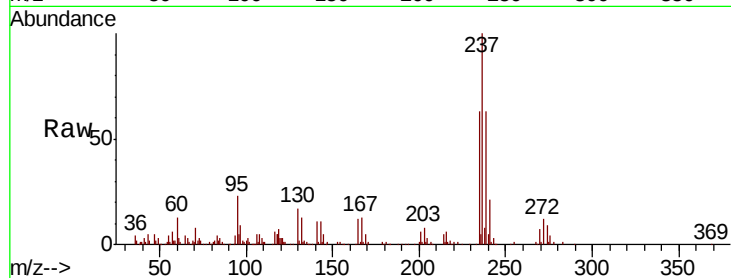
Tot Ion:237 Resp: 121344

Ion Ratio Lower Upper

237 100

235 62.5 42.5 82.5

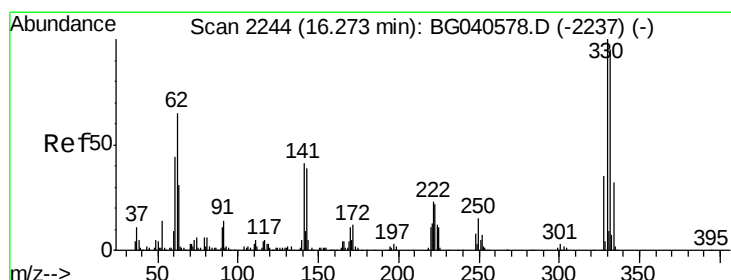
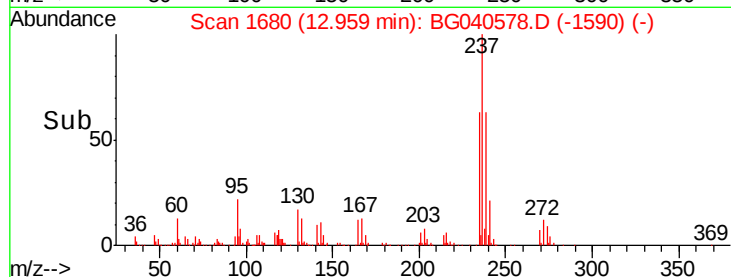
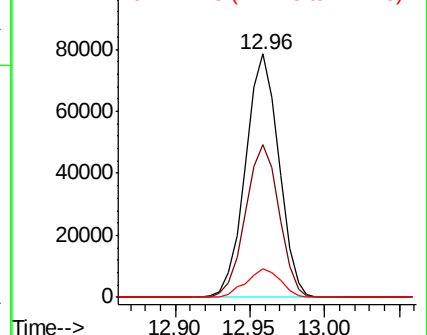
272 11.6 0.0 31.6



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: 100.037 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

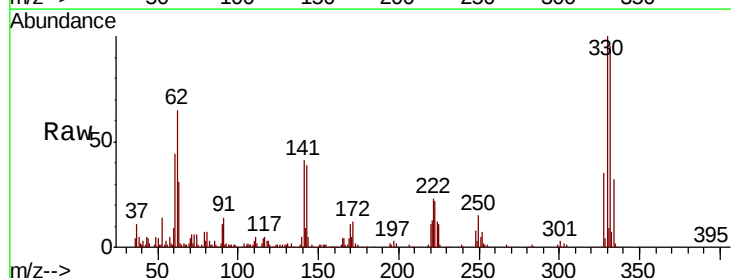
Tgt Ion:330 Resp: 150524

Ion Ratio Lower Upper

330 100

332 94.9 75.9 113.9

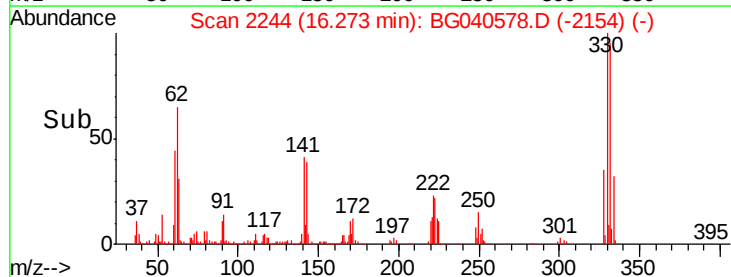
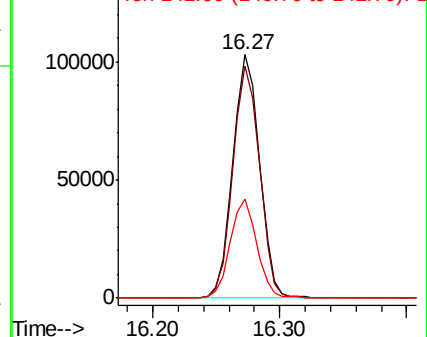
141 40.5 32.4 48.6



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

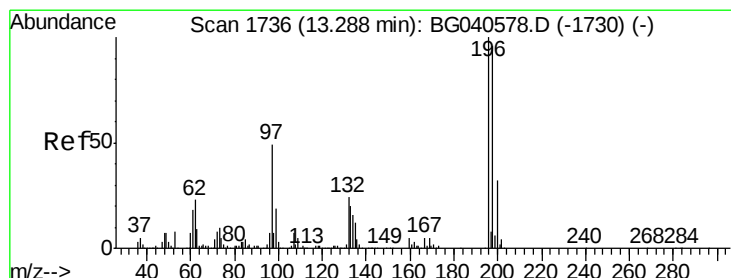
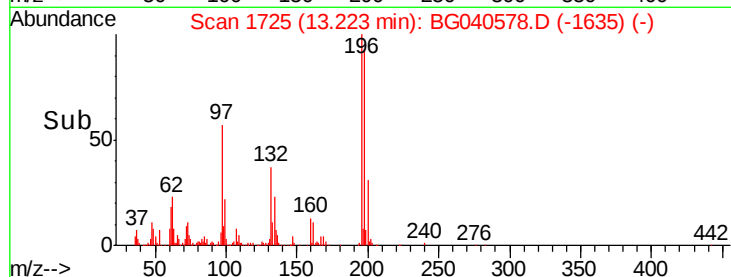
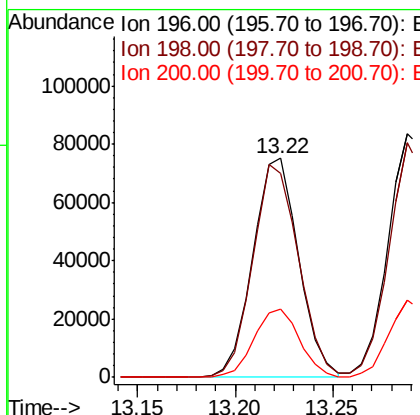
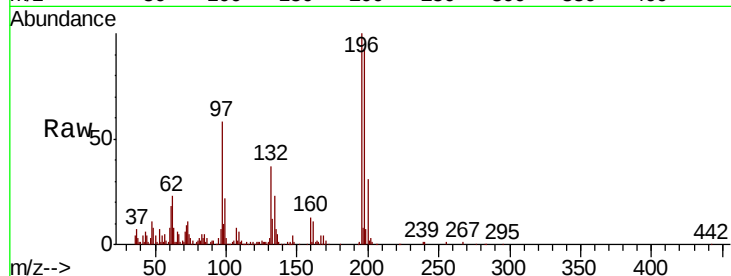




#43
 2,4,6-Trichlorophenol
 Concen: 42.718 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

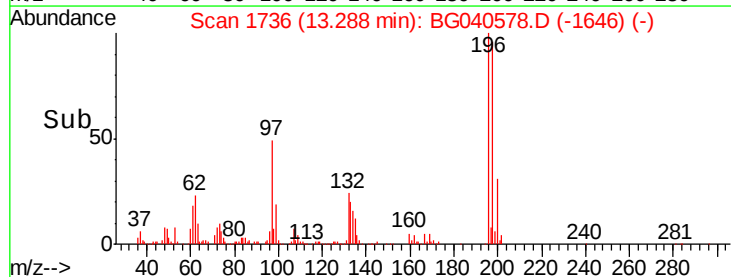
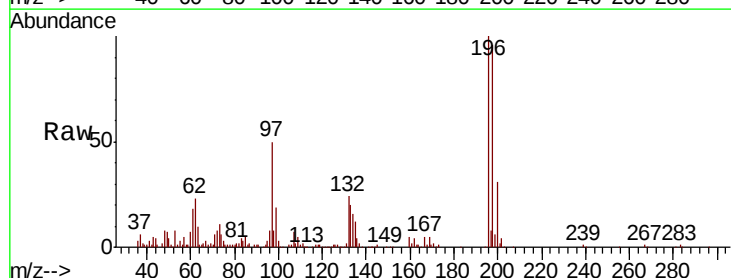
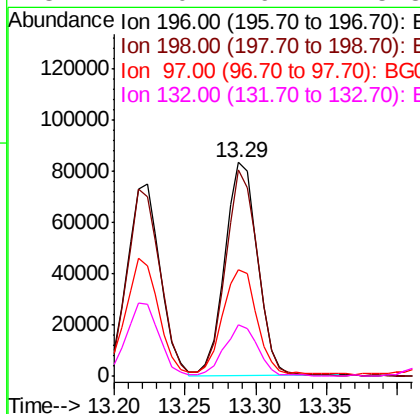
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	196	Resp	121874
Ion Ratio	Lower	Upper	
196	100		
198	93.5	74.8	112.2
200	31.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.196 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Tgt Ion	196	Resp	134327
Ion Ratio	Lower	Upper	
196	100		
198	96.3	77.0	115.6
97	50.0	40.0	60.0
132	24.0	19.2	28.8

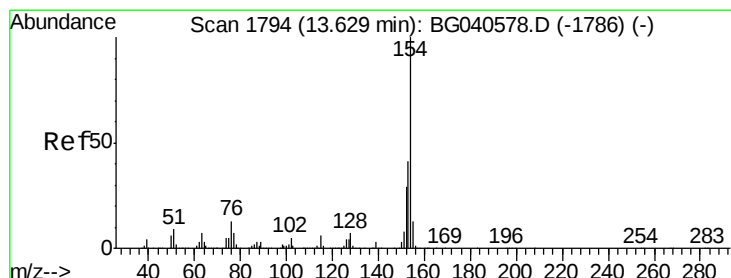
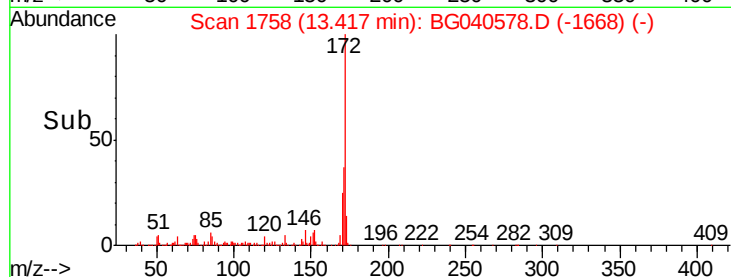
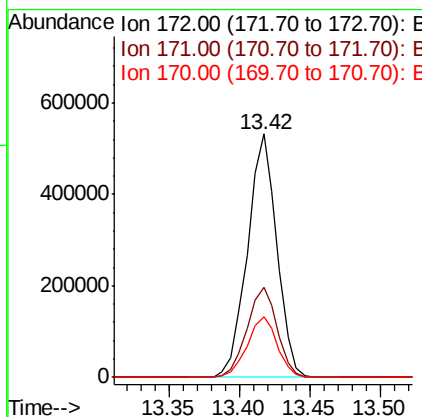
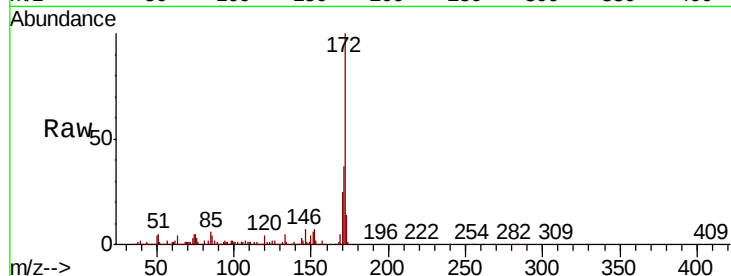




#45
2-Fluorobiphenyl
Concen: 82.481 ng
RT: 13.42 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

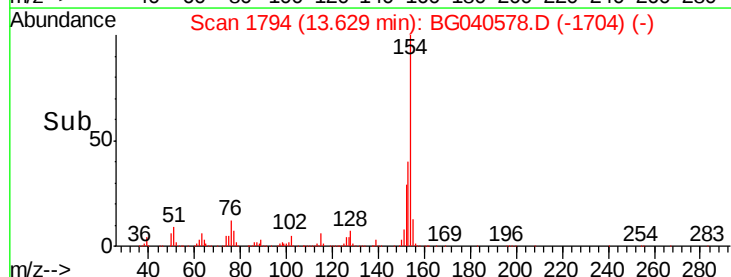
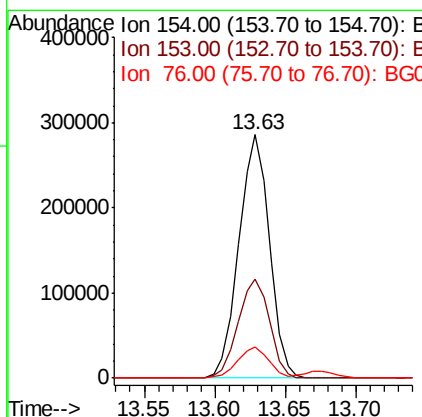
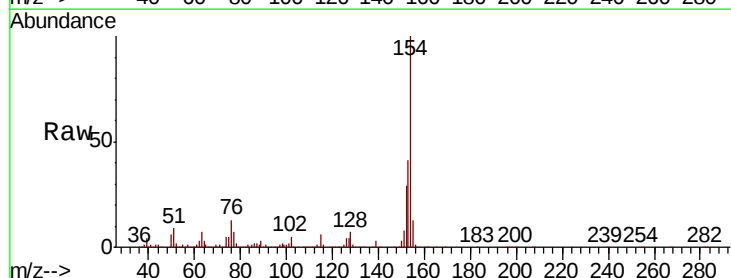
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

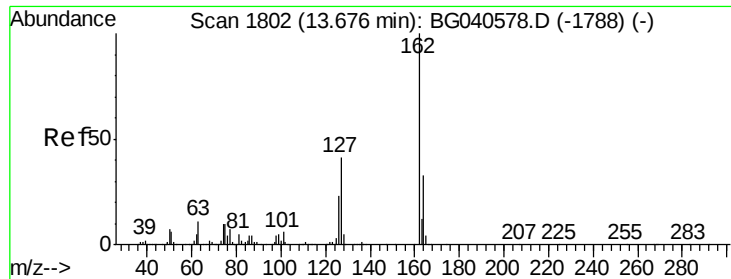
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.9	19.9	29.9



#46
1,1'-Biphenyl
Concen: 39.225 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	12.5	0.0	32.5

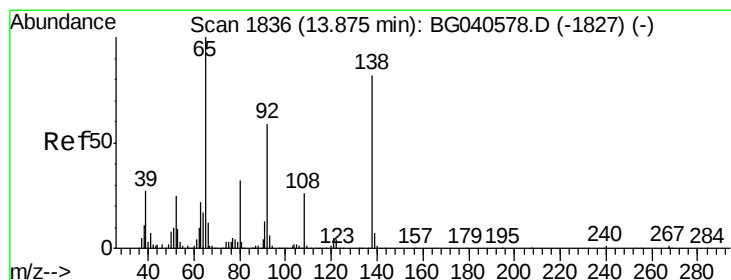
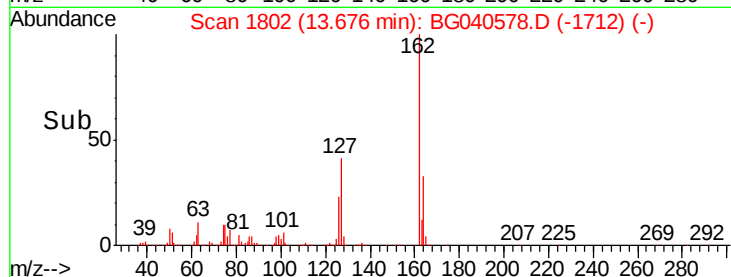
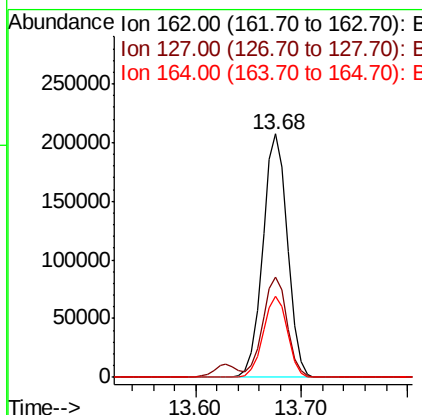
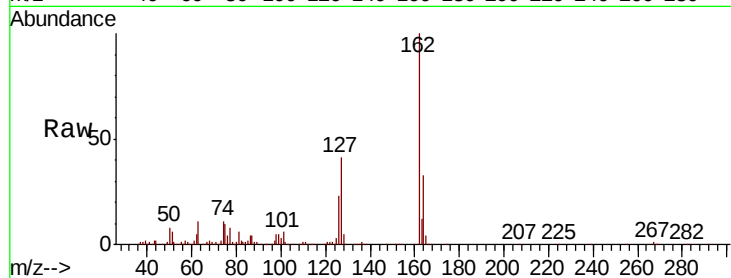




#47
2-Chloronaphthalene
Concen: 39.784 ng
RT: 13.68 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

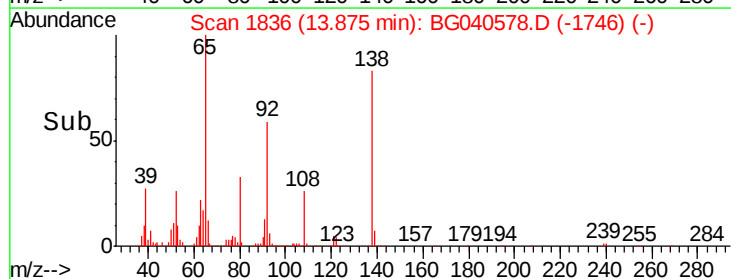
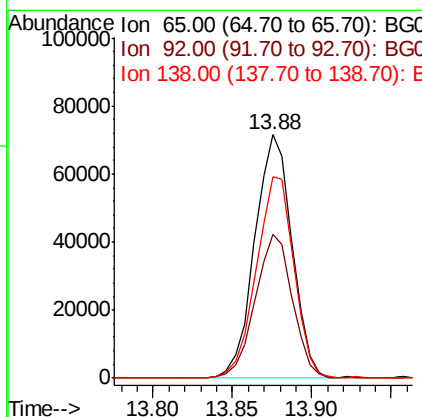
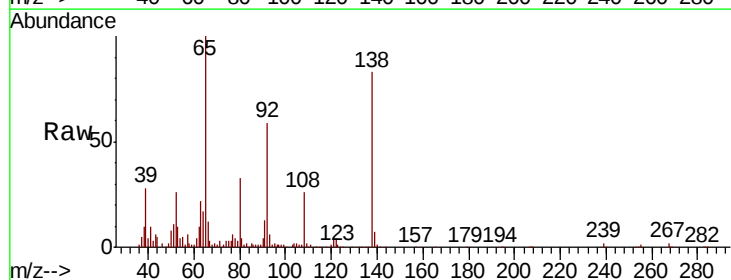
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

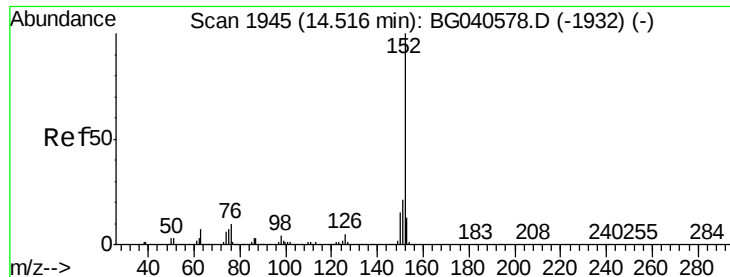
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.0	49.4
164	33.5	26.8	40.2



#48
2-Nitroaniline
Concen: 41.102 ng
RT: 13.88 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.2	47.4	71.0
138	82.6	66.1	99.1





#49

Acenaphthylene

Concen: 40.404 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

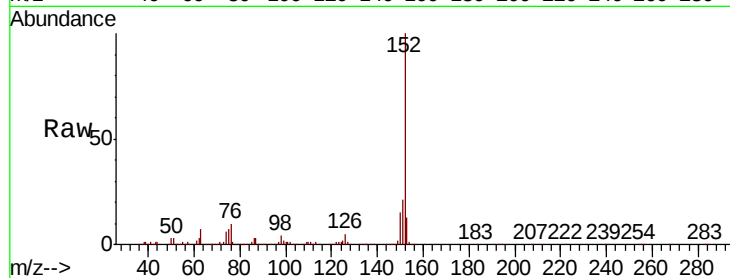
Tot Ion:152 Resp: 578064

Ion Ratio Lower Upper

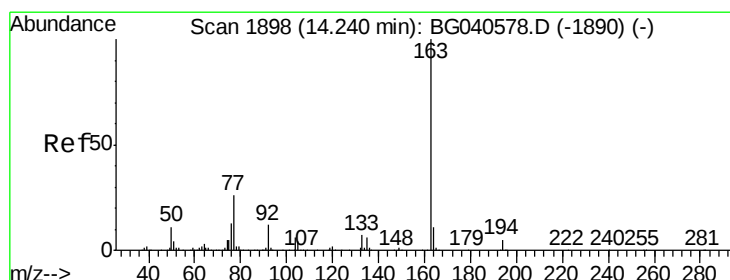
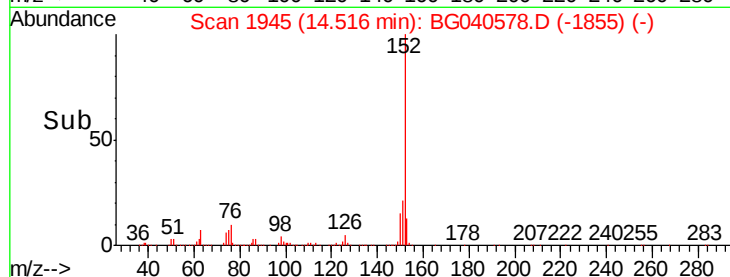
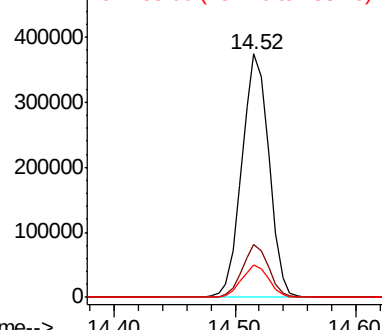
152 100

151 21.5 17.2 25.8

153 13.4 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: 42.870 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

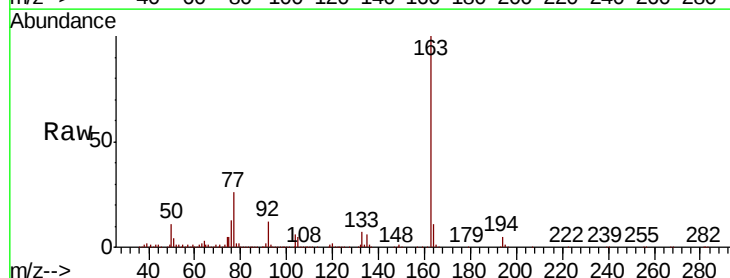
Tgt Ion:163 Resp: 467135

Ion Ratio Lower Upper

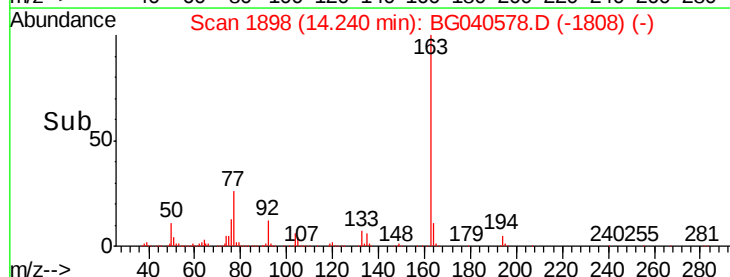
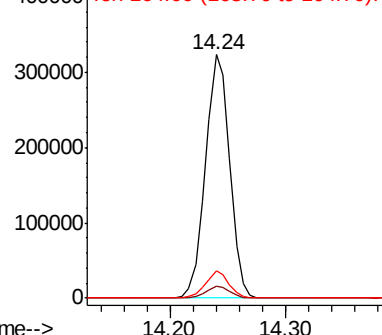
163 100

194 4.8 3.8 5.8

164 11.0 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: 36.919 ng

RT: 14.37 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

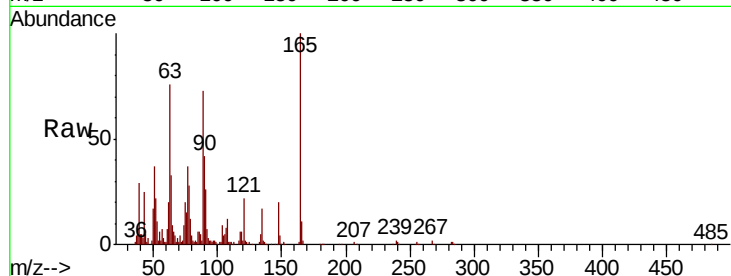
Tot Ion:165 Resp: 90327

Ion Ratio Lower Upper

165 100

63 76.2 61.0 91.4

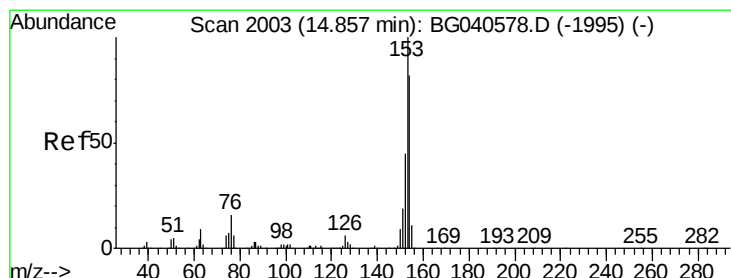
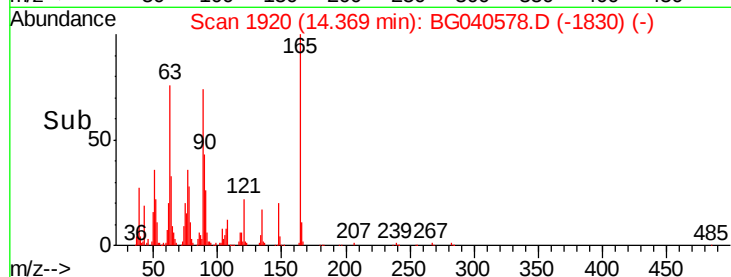
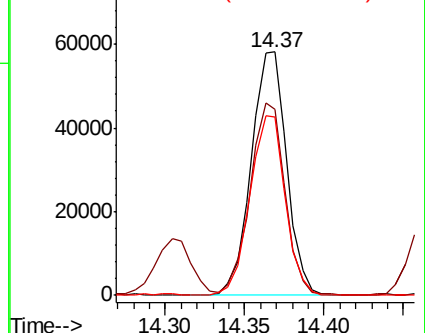
89 73.2 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.681 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

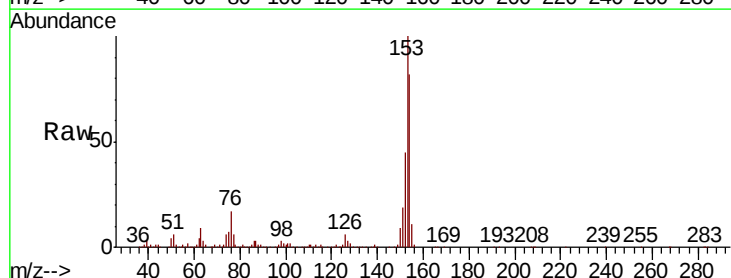
Tgt Ion:154 Resp: 325310

Ion Ratio Lower Upper

154 100

153 121.3 97.0 145.6

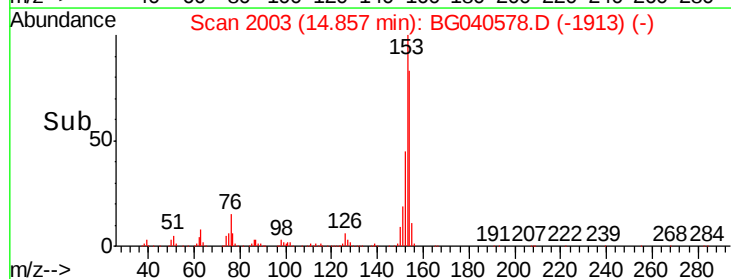
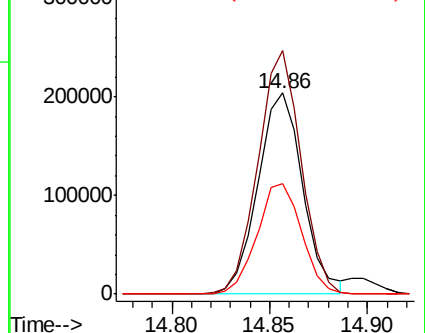
152 55.1 44.1 66.1

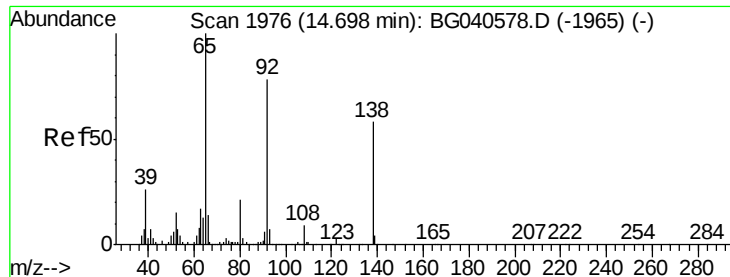


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

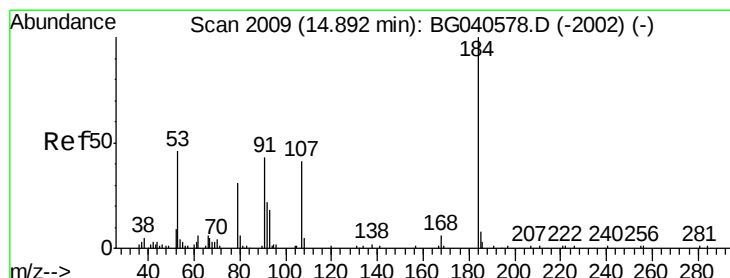
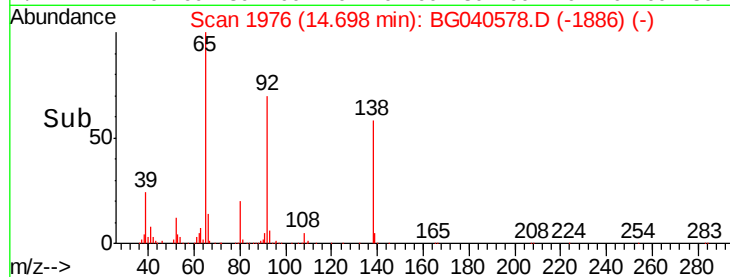
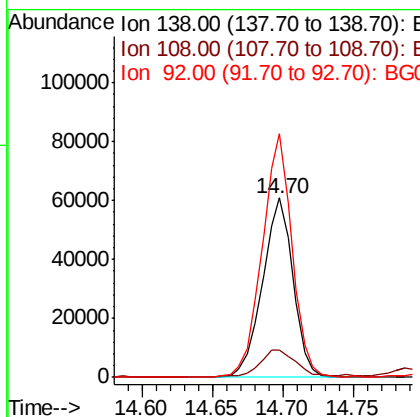
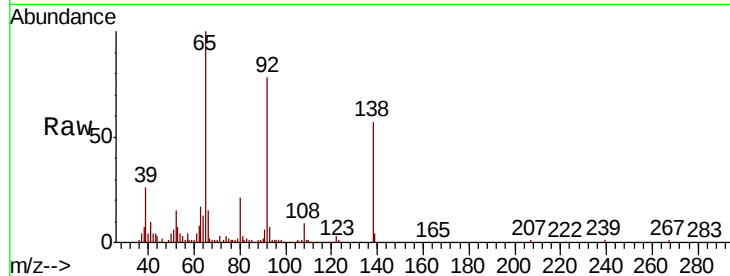




#53
3-Nitroaniline
Concen: 35.731 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

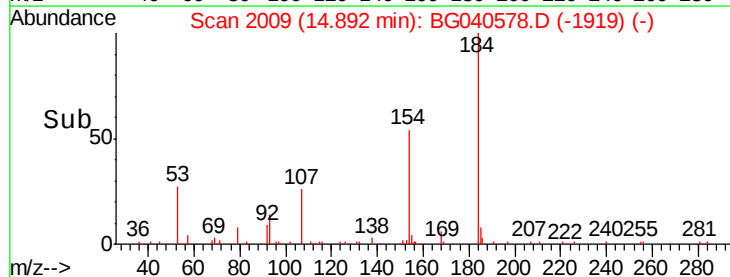
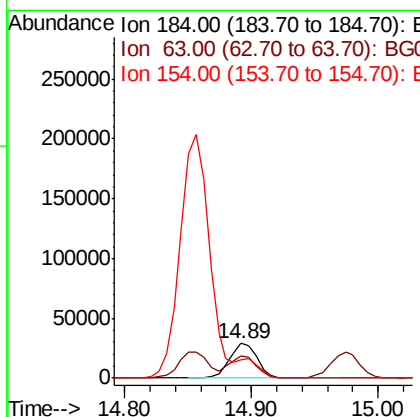
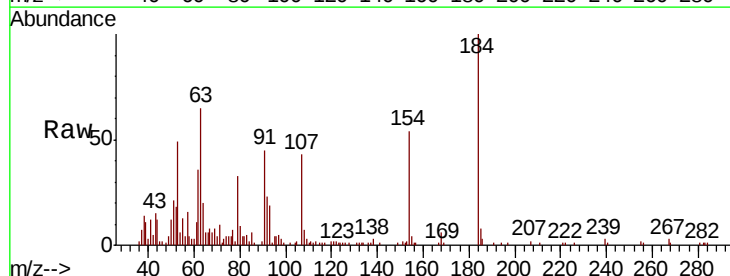
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

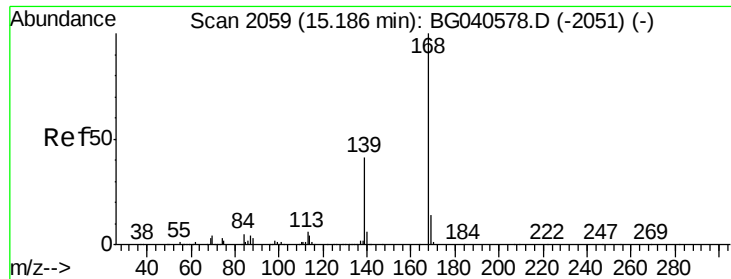
Tot Ion:138 Resp: 92539
Ion Ratio Lower Upper
138 100
108 15.5 12.4 18.6
92 135.7 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 32.971 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion:184 Resp: 42901
Ion Ratio Lower Upper
184 100
63 64.7 51.8 77.6
154 54.5 43.6 65.4





#55

Dibenzofuran

Concen: 40.907 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

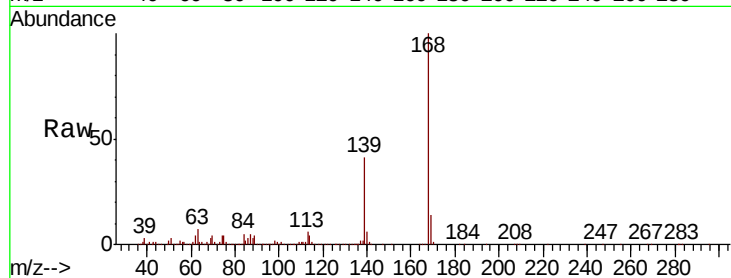
Tot Ion:168 Resp: 538880

Ion Ratio Lower Upper

168 100

139 41.2 33.0 49.4

169 13.7 11.0 16.4

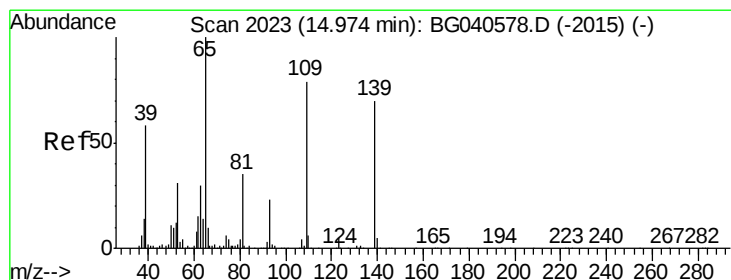
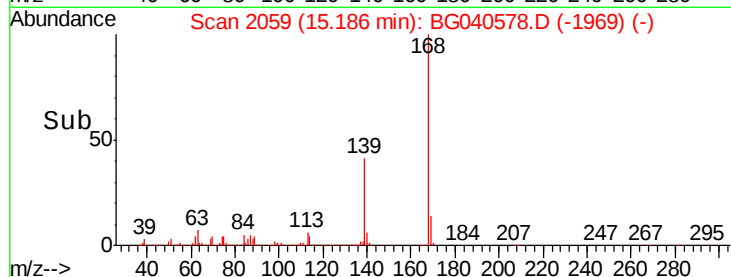
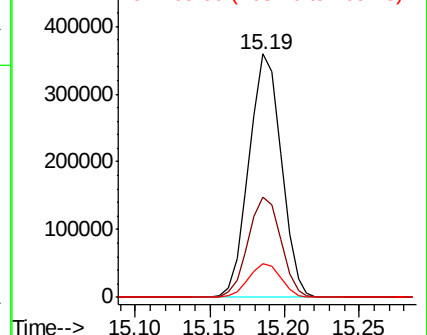


Abundance

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: 37.403 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

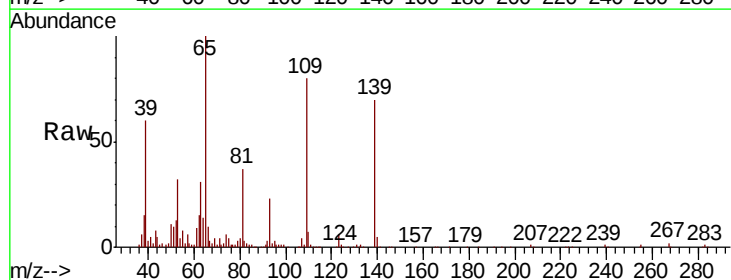
Tgt Ion:139 Resp: 78181

Ion Ratio Lower Upper

139 100

109 113.8 93.8 133.8

65 142.7 122.7 162.7

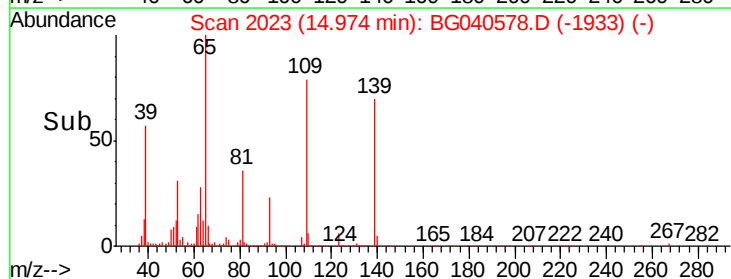
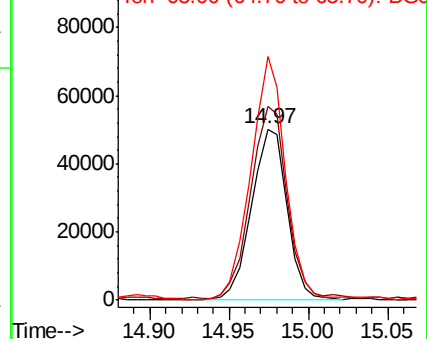


Abundance

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): E

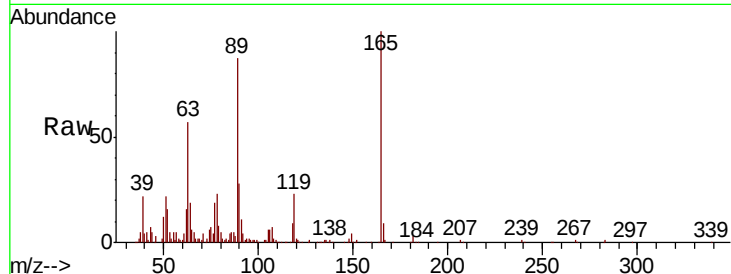




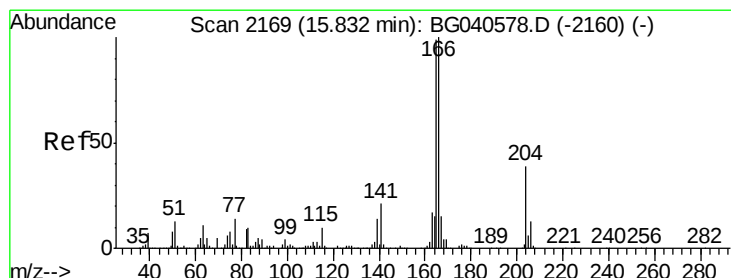
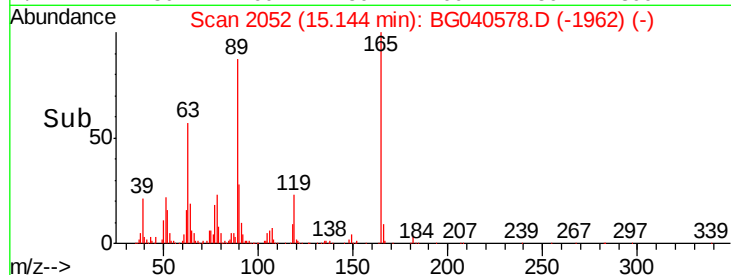
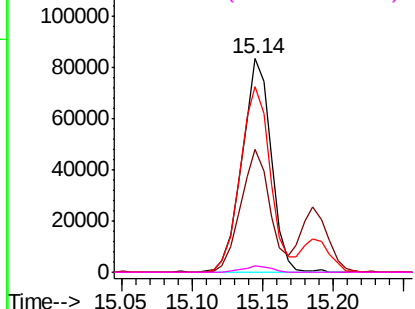
#57
 2,4-Dinitrotoluene
 Concen: 35.520 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Tot Ion:165 Resp: 120754
 Ion Ratio Lower Upper
 165 100
 63 57.3 45.8 68.8
 89 86.8 69.4 104.2
 182 2.8 2.2 3.4

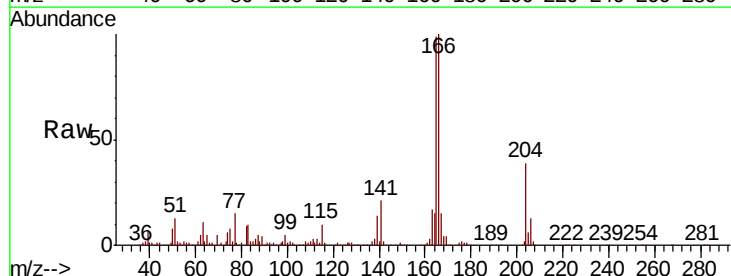


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

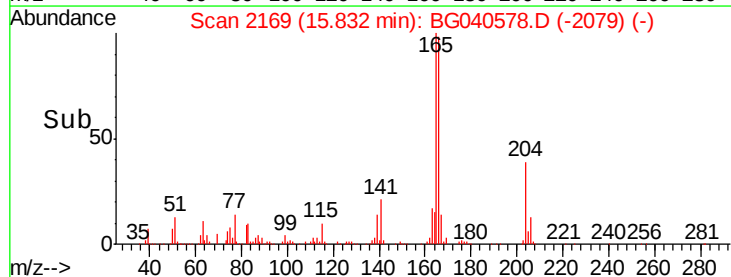
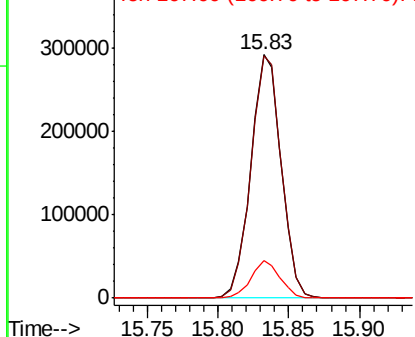


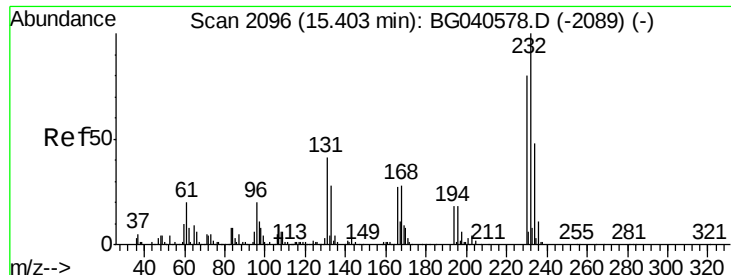
#58
 Fluorene
 Concen: 42.411 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Tgt Ion:166 Resp: 439250
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.6 119.4
 167 15.2 12.2 18.2



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

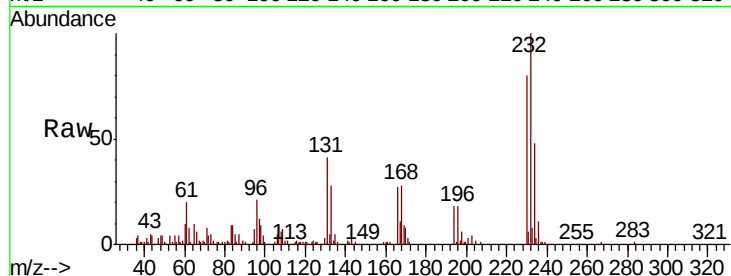




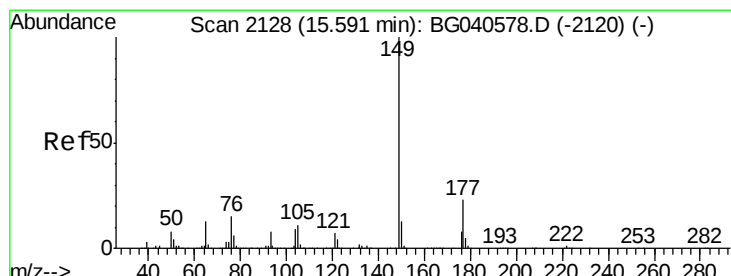
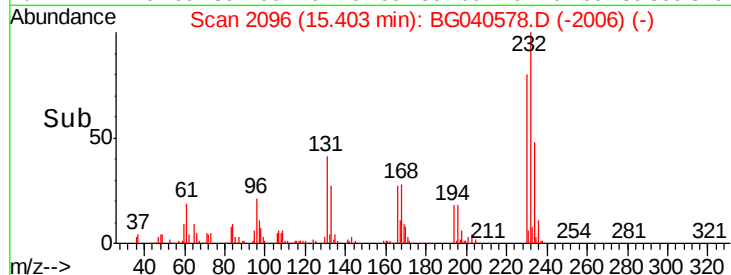
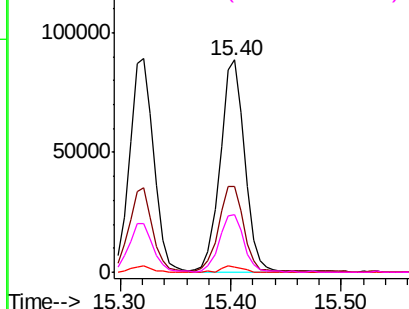
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.617 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Tot Ion:232	Resp:	137192
Ion Ratio	Lower	Upper
232	100	
131	41.2	33.0 49.4
130	2.5	2.0 3.0
166	27.6	22.1 33.1

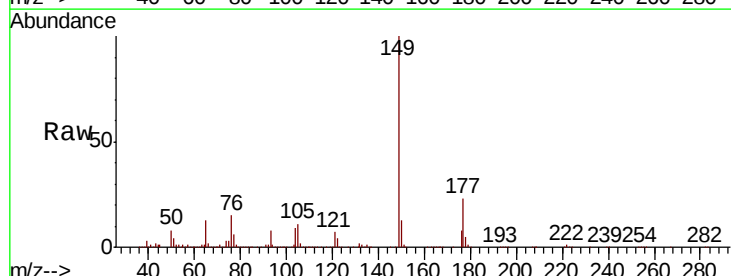


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

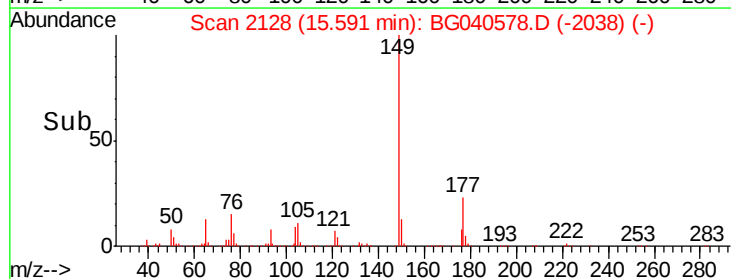
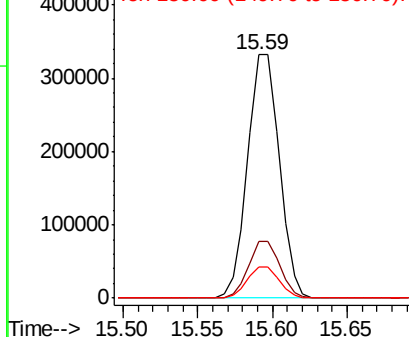


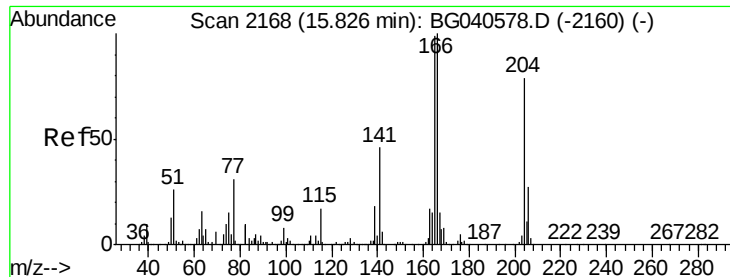
#60
 Diethylphthalate
 Concen: 43.815 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Tgt Ion:149	Resp:	488548
Ion Ratio	Lower	Upper
149	100	
177	23.1	18.5 27.7
150	12.8	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

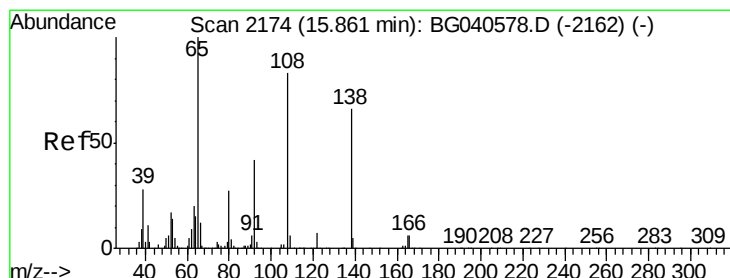
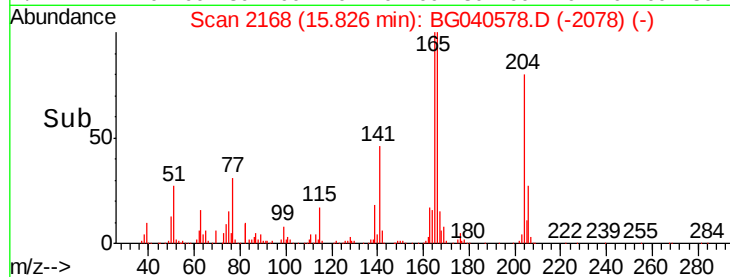
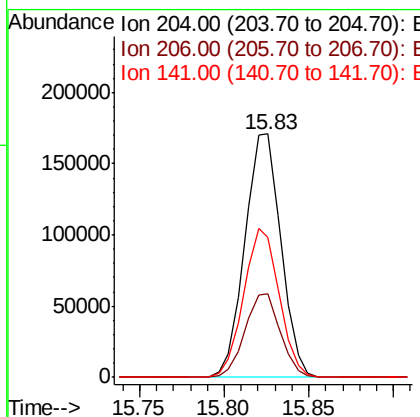
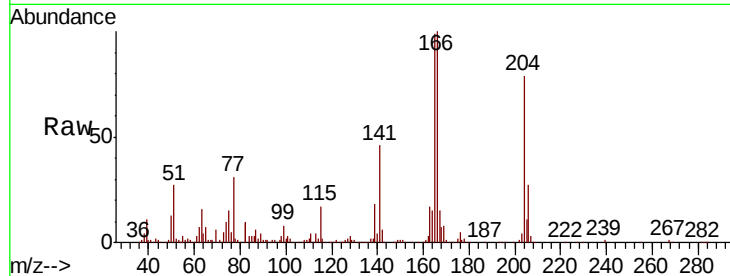




#61
 4-Chlorophenyl-phenylether
 Concen: 46.008 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

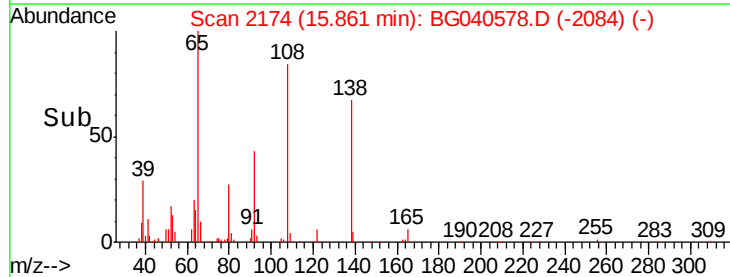
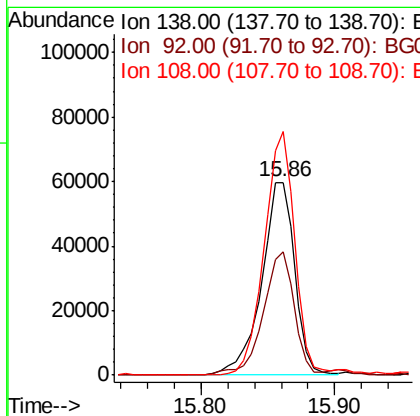
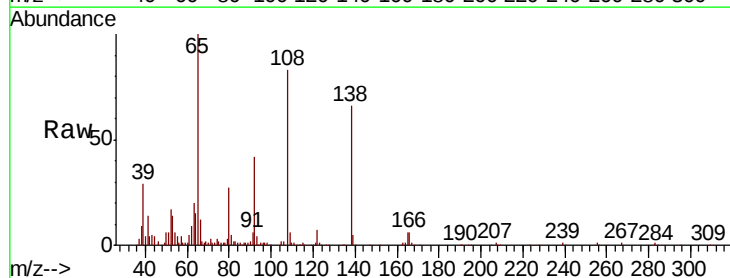
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

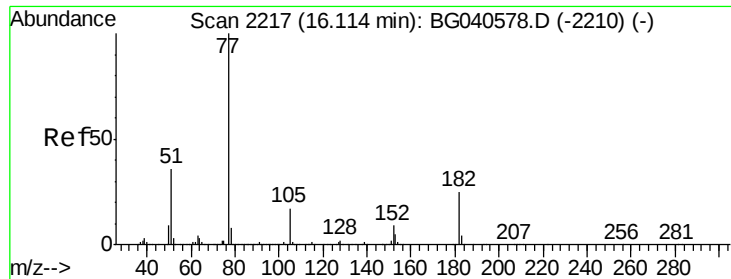
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	57.5	46.0	69.0



#62
 4-Nitroaniline
 Concen: 37.067 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.9	43.9	83.9
108	126.5	106.5	146.5





#63

Azobenzene

Concen: 47.955 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 504368

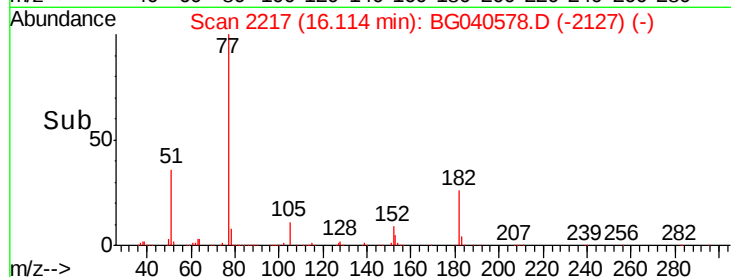
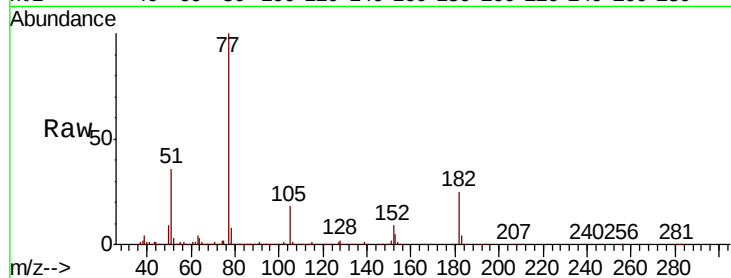
Ion Ratio Lower Upper

77 100

182 25.0 5.0 45.0

105 17.6 0.0 37.6

51 36.3 16.3 56.3

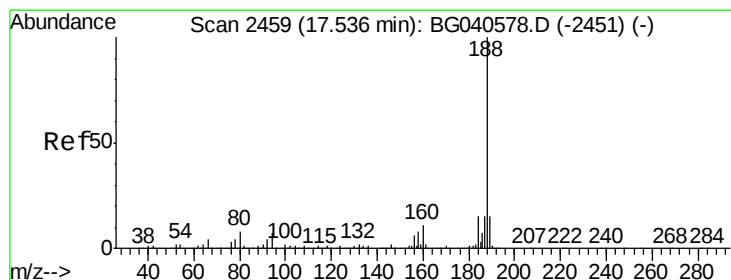
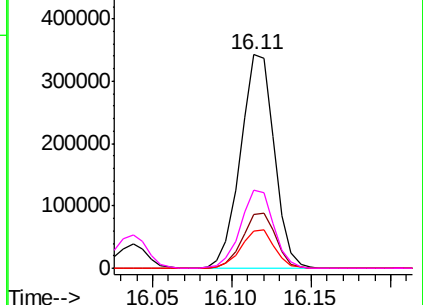


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG040578.D

Acq: 23 Apr 2019 19:25

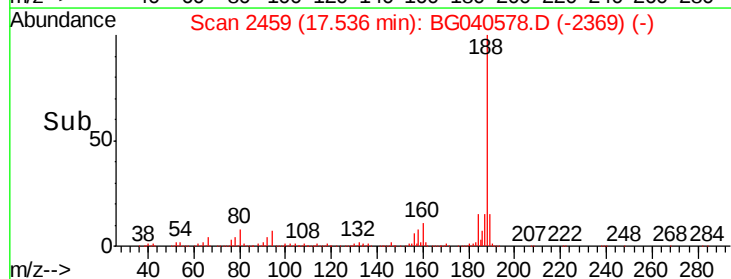
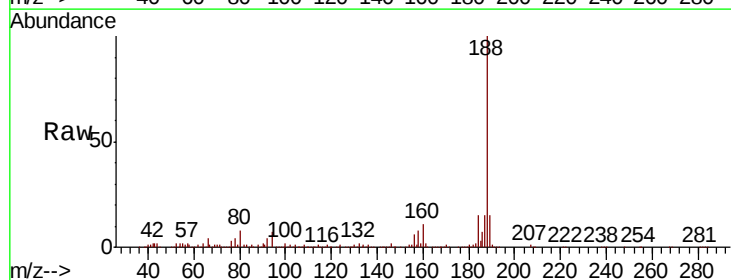
Tgt Ion: 188 Resp: 343299

Ion Ratio Lower Upper

188 100

94 7.0 5.6 8.4

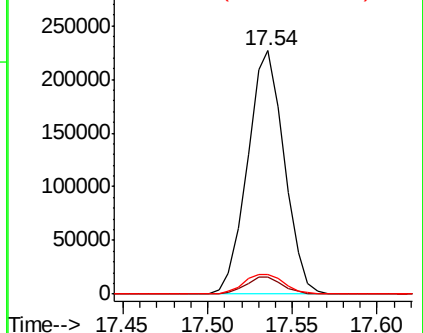
80 8.0 6.4 9.6

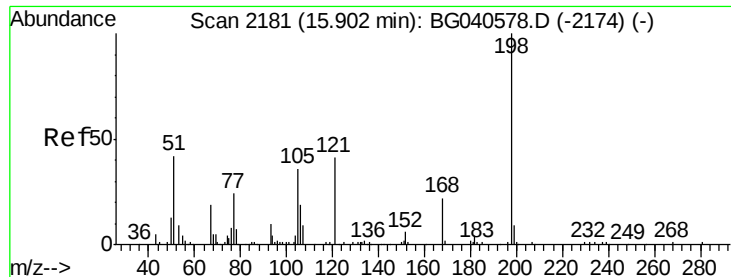


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 30.464 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

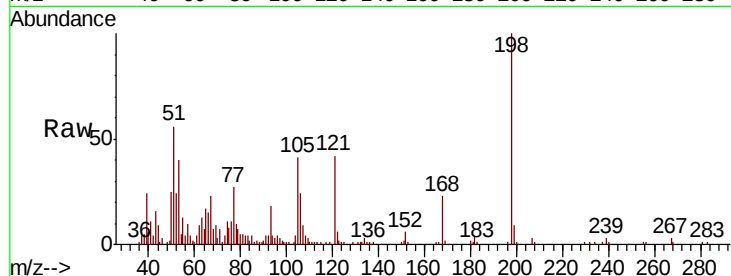
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:198 Resp: 58757

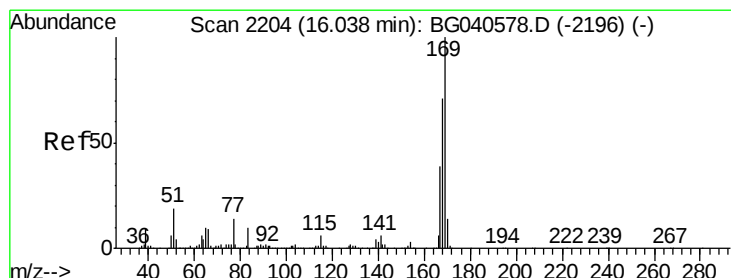
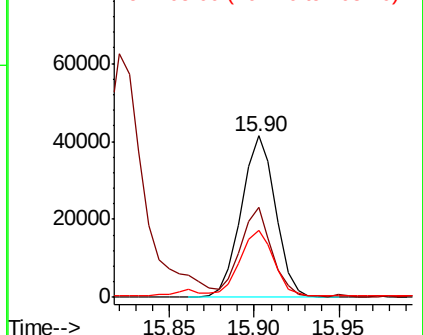
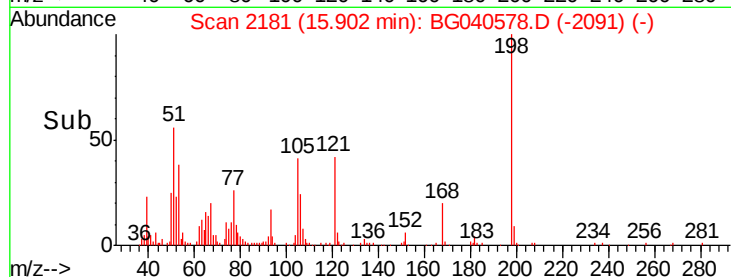
Ion	Ratio	Lower	Upper
198	100		
51	55.9	35.9	75.9
105	41.2	21.2	61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040578.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.688 ng

RT: 16.04 min Scan# 2204

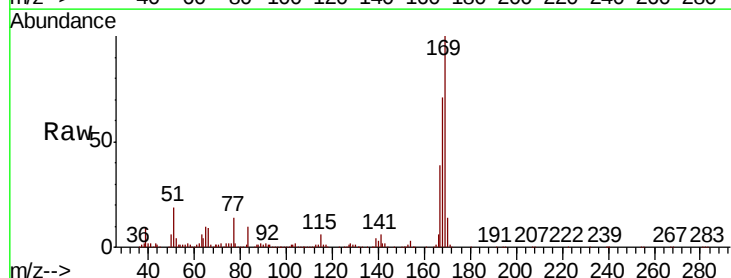
Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Tgt Ion:169 Resp: 398706

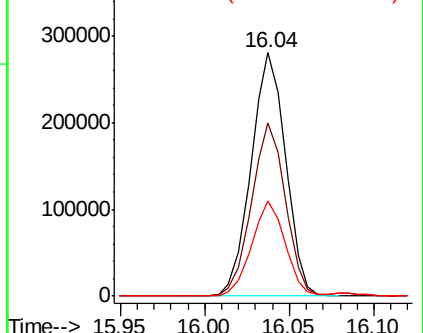
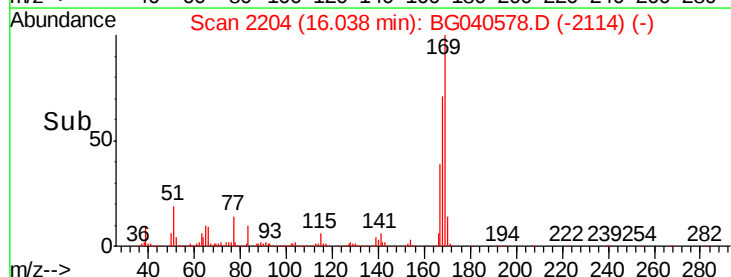
Ion	Ratio	Lower	Upper
169	100		
168	71.0	56.8	85.2
167	39.2	31.4	47.0



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: 43.369 ng

RT: 16.72 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

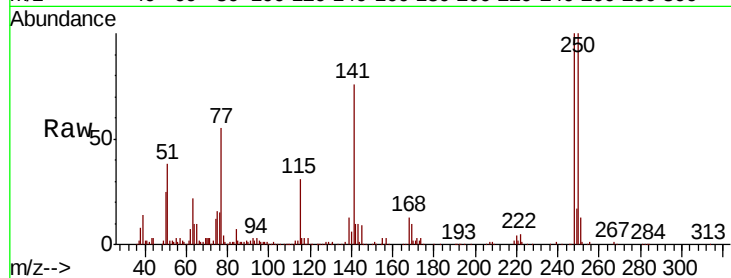
Tot Ion:248 Resp: 167547

Ion Ratio Lower Upper

248 100

250 99.7 79.8 119.6

141 76.0 60.8 91.2

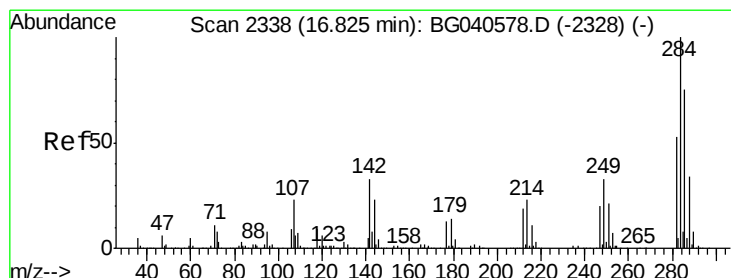
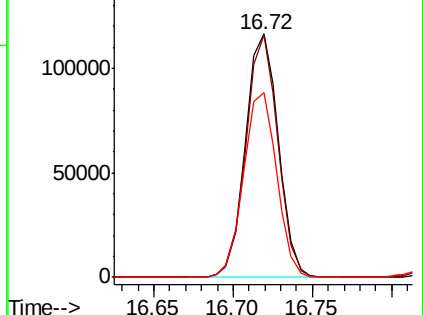
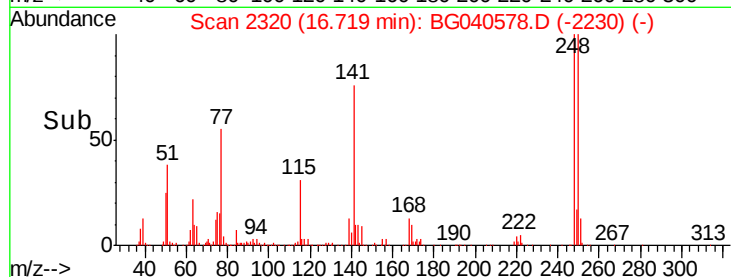


Abundance

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: 44.430 ng

RT: 16.82 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

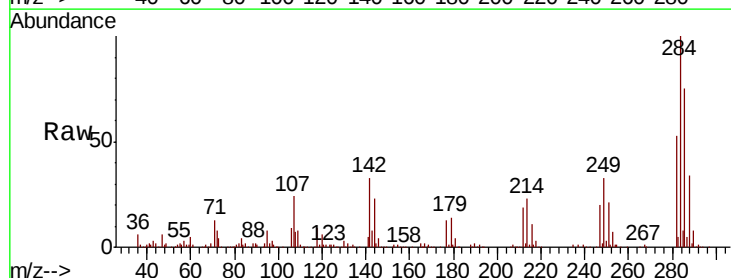
Tgt Ion:284 Resp: 172583

Ion Ratio Lower Upper

284 100

142 33.3 26.6 40.0

249 32.5 26.0 39.0

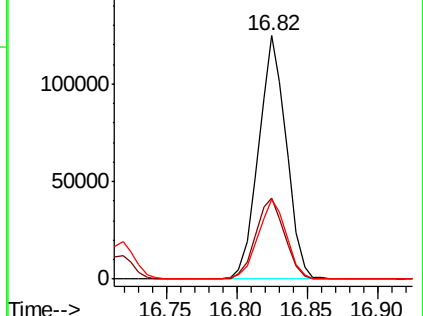
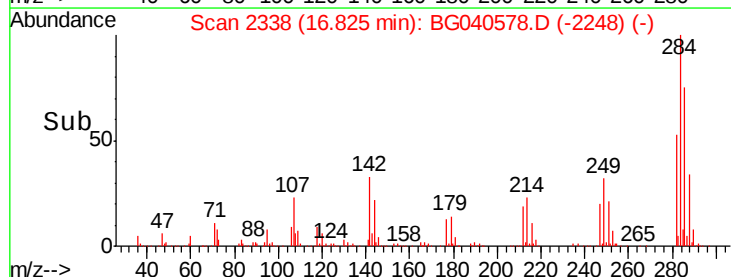


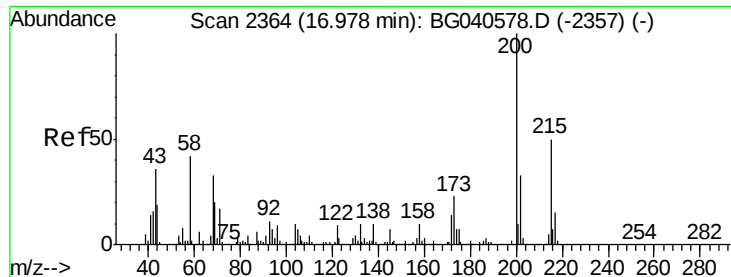
Abundance

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: 43.496 ng

RT: 16.98 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

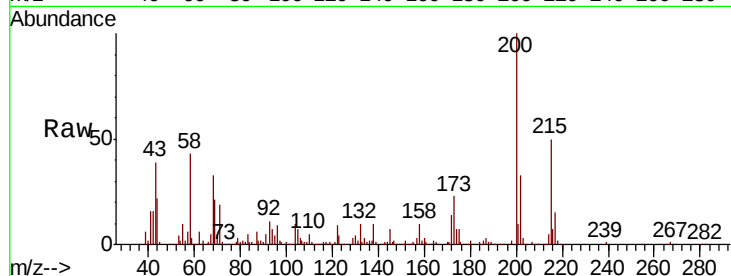
Tot Ion:200 Resp: 162543

Ion Ratio Lower Upper

200 100

173 22.8 2.8 42.8

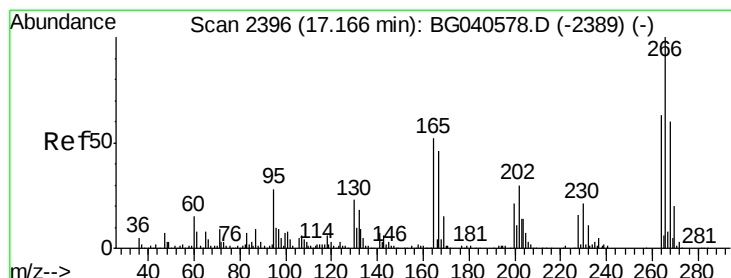
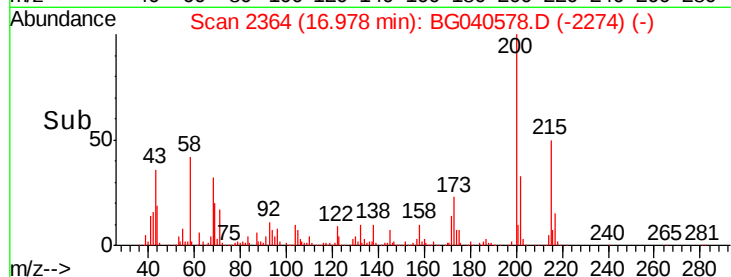
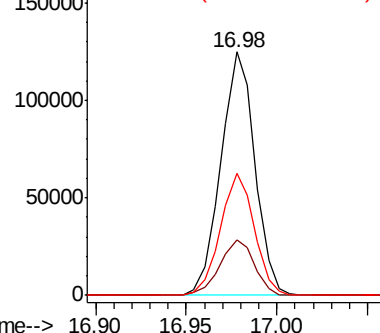
215 50.2 30.2 70.2



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: 45.819 ng

RT: 17.17 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

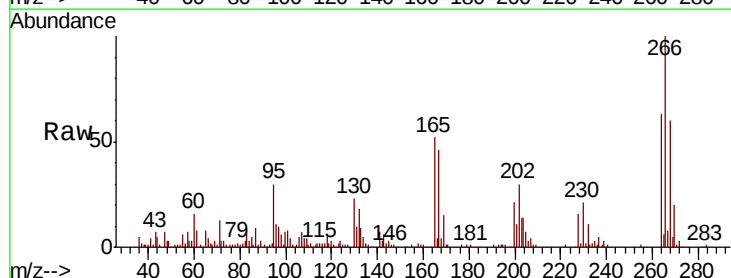
Tgt Ion:266 Resp: 102896

Ion Ratio Lower Upper

266 100

268 65.4 52.3 78.5

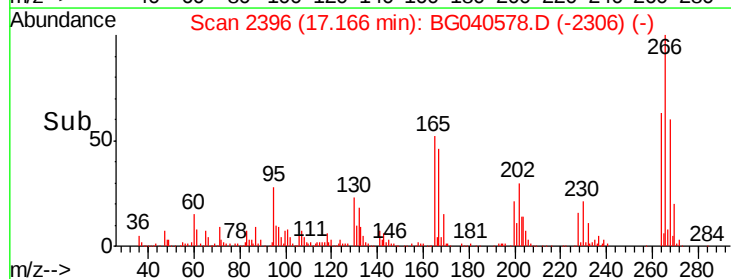
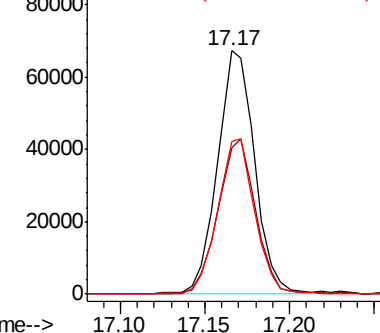
264 62.5 50.0 75.0

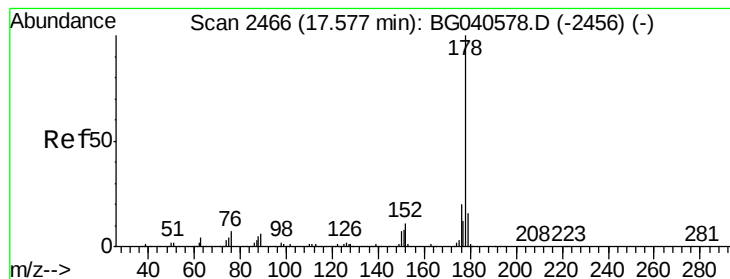


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.881 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

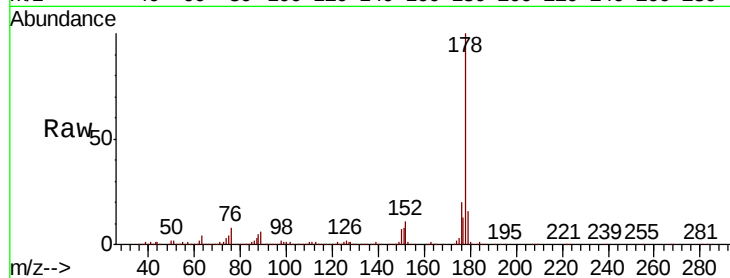
Tot Ion:178 Resp: 737681

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

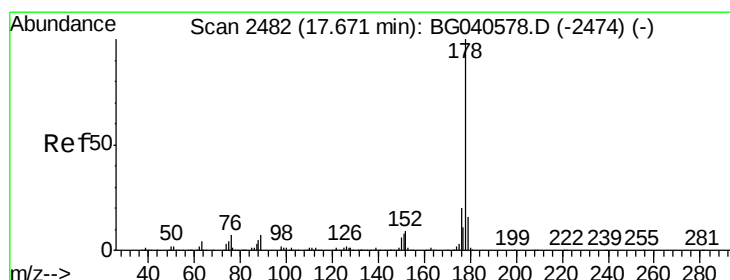
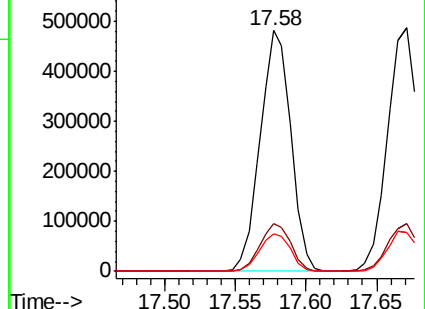
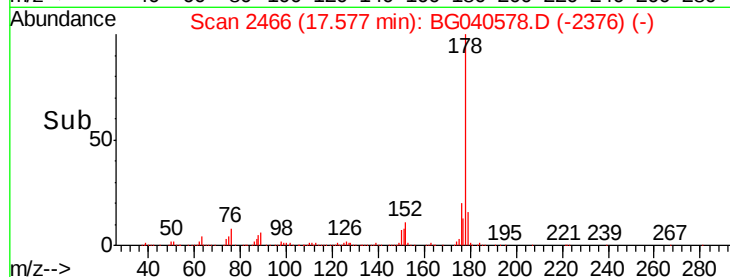
179 15.7 12.6 18.8



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: 41.241 ng

RT: 17.67 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

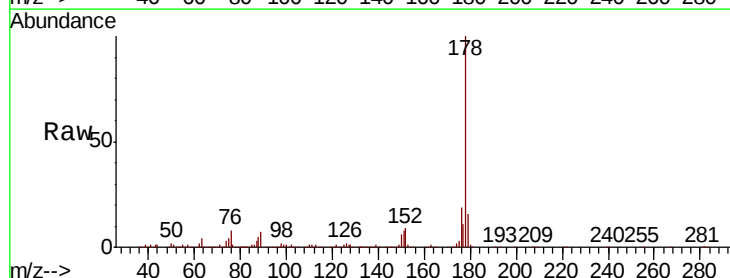
Tgt Ion:178 Resp: 744864

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

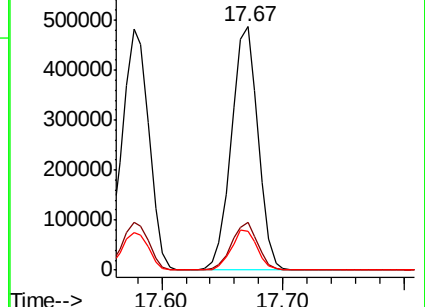
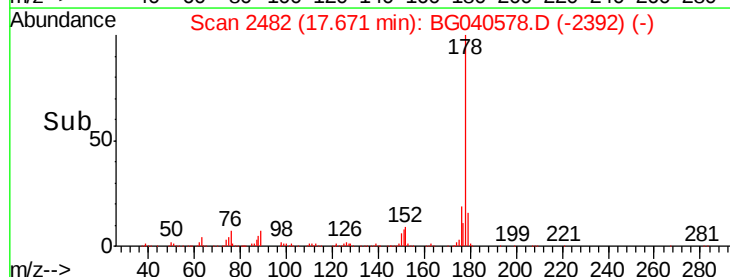
179 16.1 12.9 19.3



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

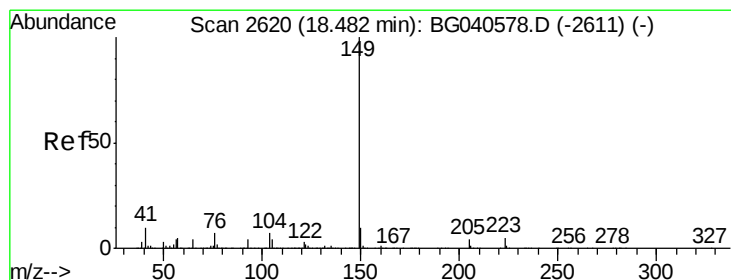
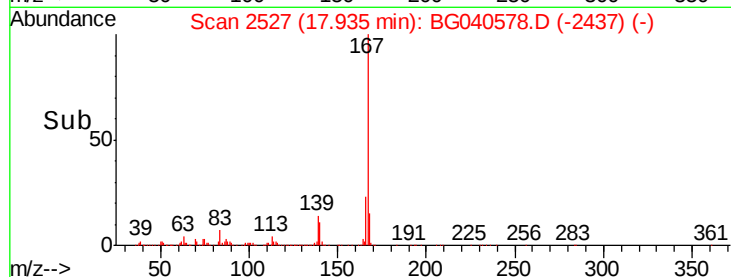
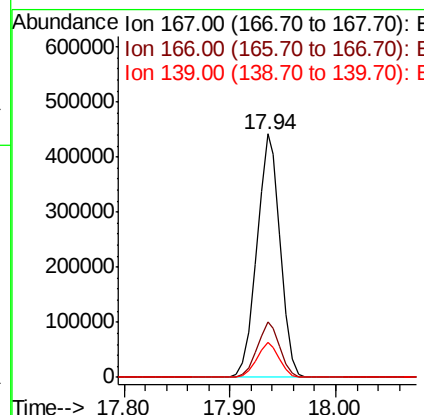
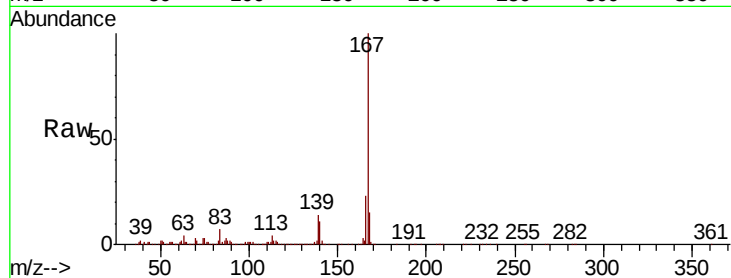




#73
 Carbazole
 Concen: 39.663 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

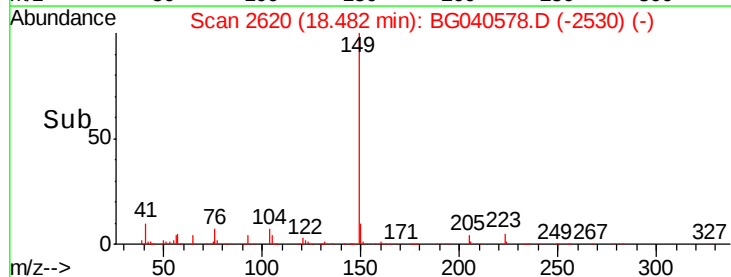
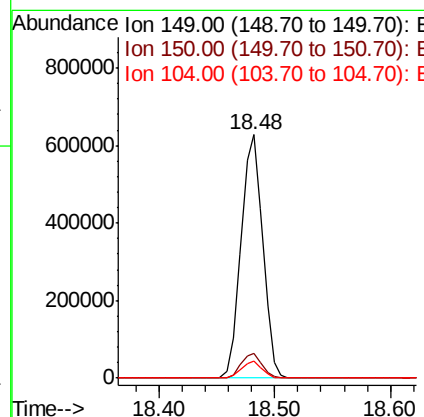
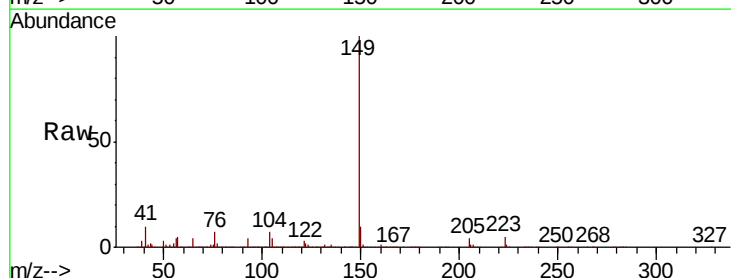
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	14.2	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 40.187 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.8	5.4	8.2





#75

Fluoranthene

Concen: 43.003 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

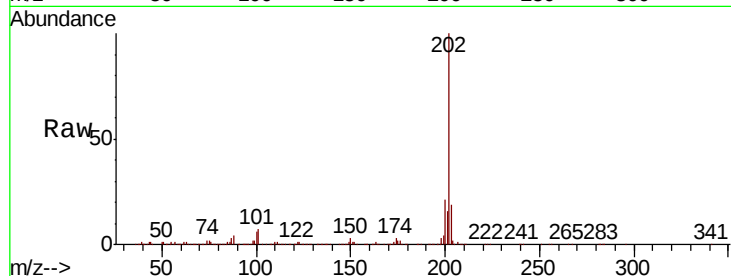
Tot Ion:202 Resp: 918842

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.5

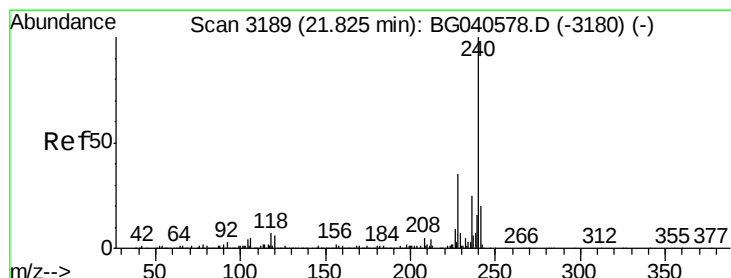
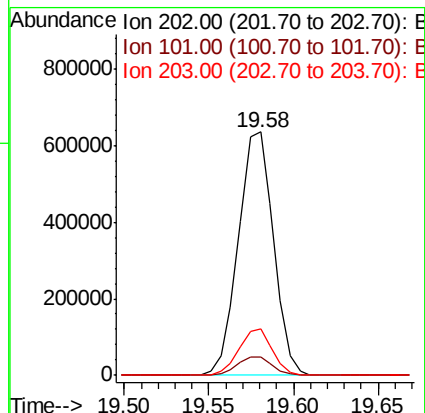
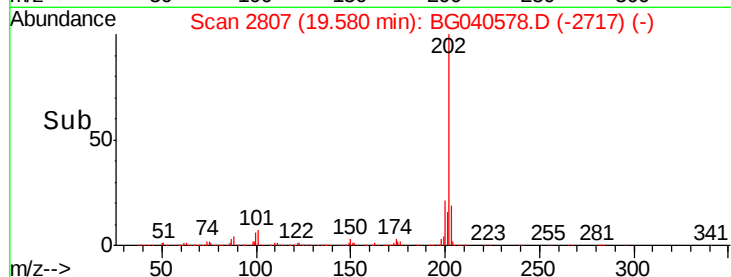
203 19.3 0.0 39.3



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: 21.82 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

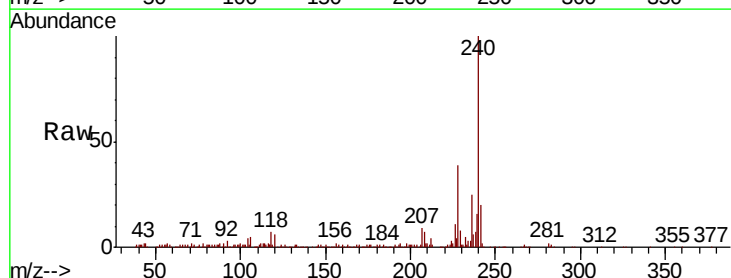
Tgt Ion:240 Resp: 365800

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.6

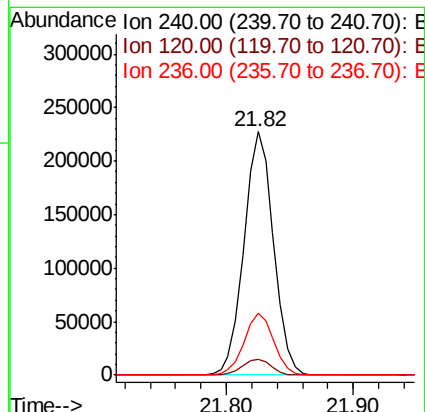
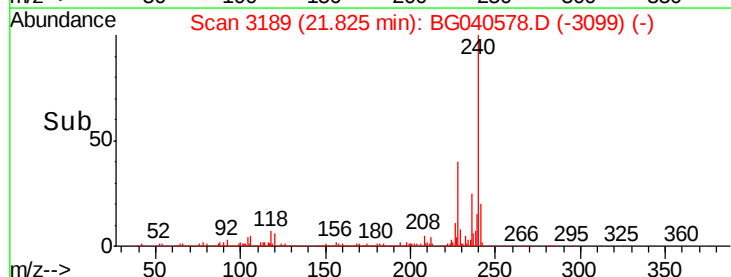
236 25.4 20.3 30.5



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: 32.127 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

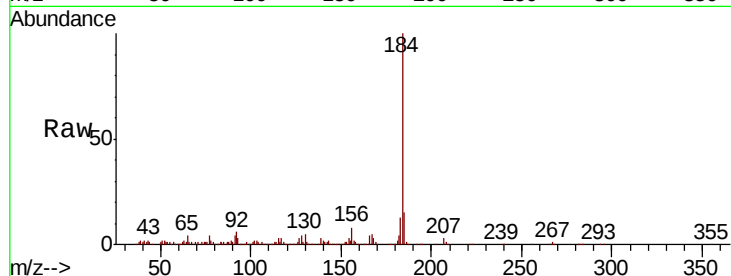
Tot Ion:184 Resp: 424383

Ion Ratio Lower Upper

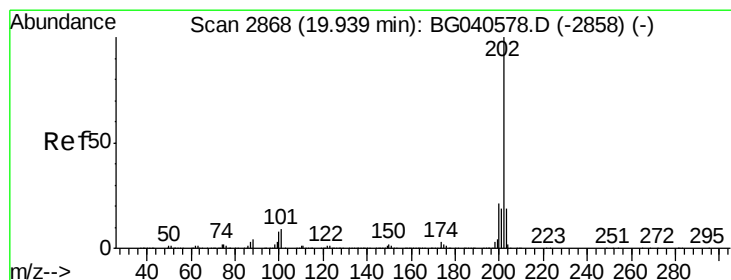
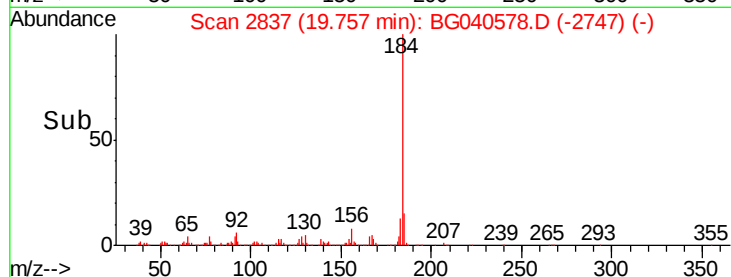
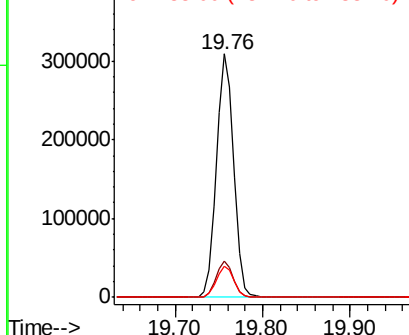
184 100

185 14.8 11.8 17.8

183 12.7 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: 38.938 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

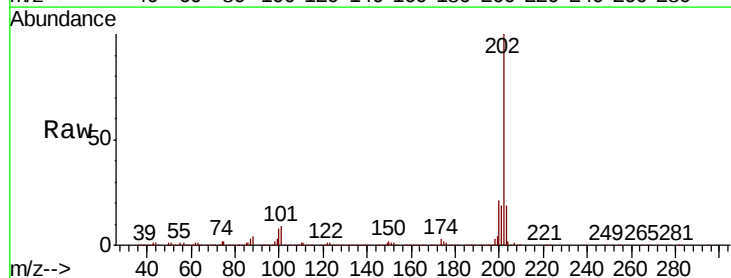
Tgt Ion:202 Resp: 936675

Ion Ratio Lower Upper

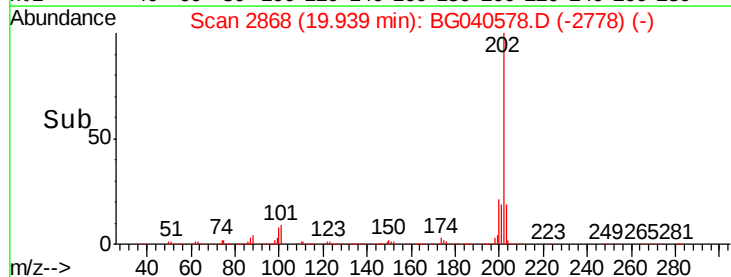
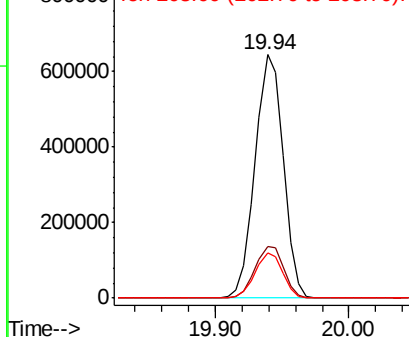
202 100

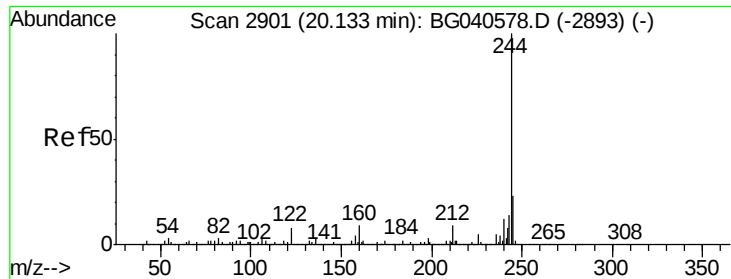
200 21.5 17.2 25.8

203 18.7 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



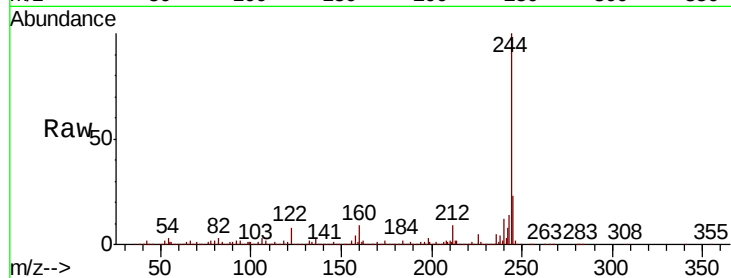


#79
 Terphenyl-d14
 Concen: 83.331 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

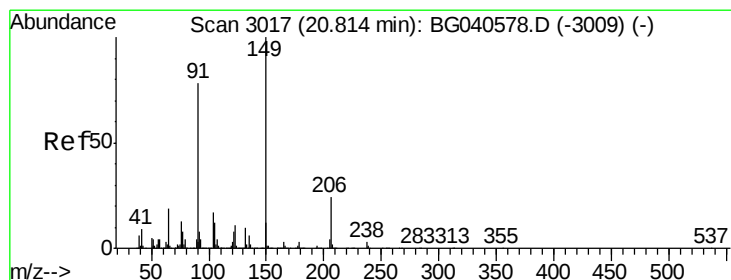
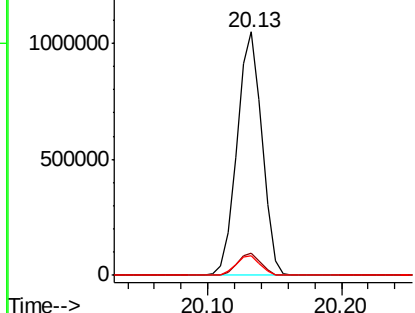
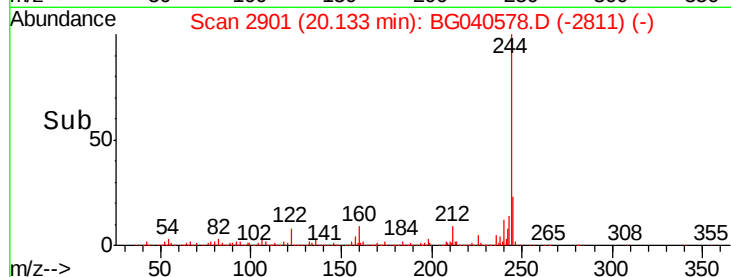
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:244 Resp: 1354990

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	8.3	6.6	10.0



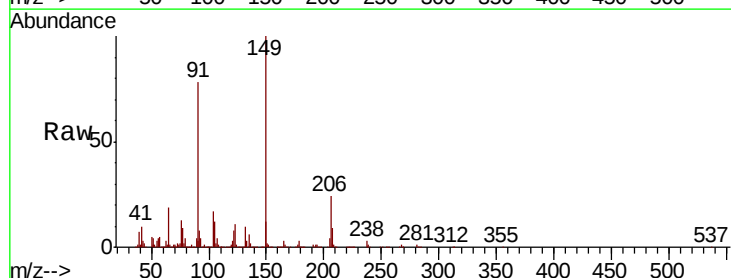
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



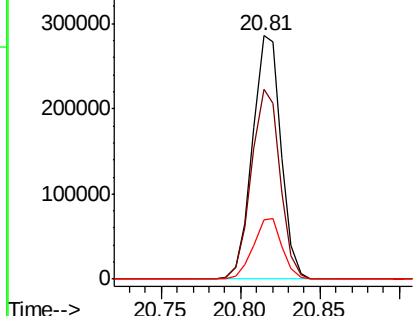
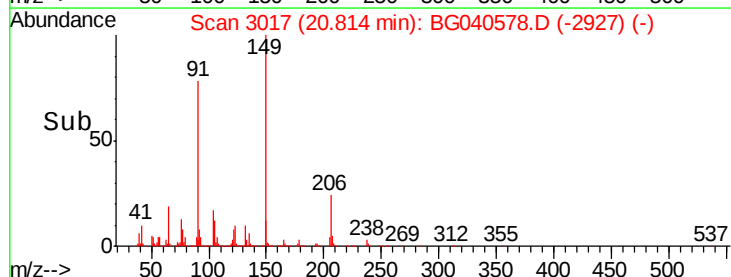
#80
 Butylbenzylphthalate
 Concen: 34.820 ng
 RT: 20.81 min Scan# 3017
 Delta R.T. 0.00 min
 Lab File: BG040578.D
 Acq: 23 Apr 2019 19:25

Tgt Ion:149 Resp: 358422

Ion	Ratio	Lower	Upper
149	100		
91	78.2	62.6	93.8
206	24.3	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: 41.436 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

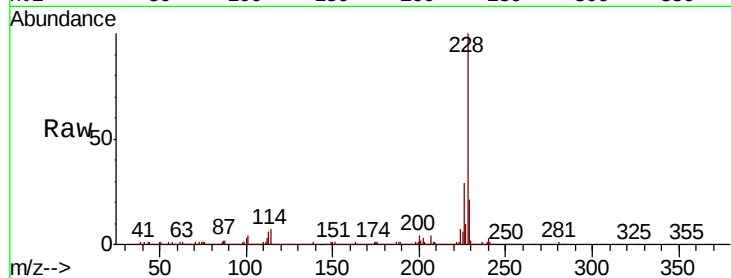
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 933597

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	21.2	17.0	25.4

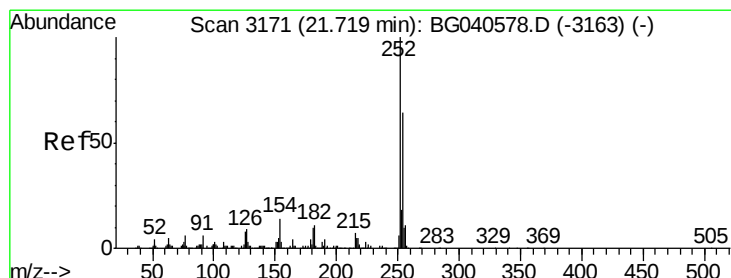
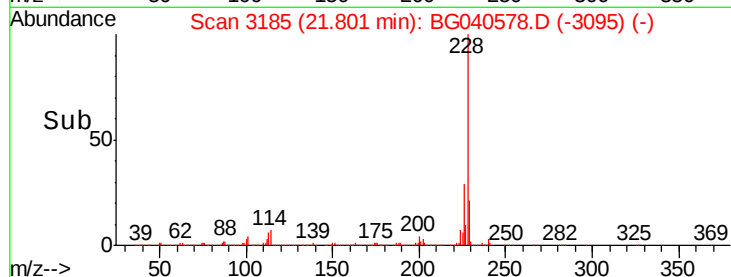
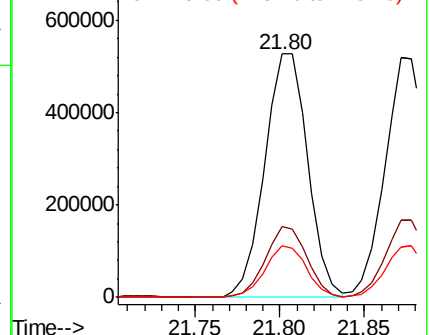


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 39.277 ng

RT: 21.72 min Scan# 3171

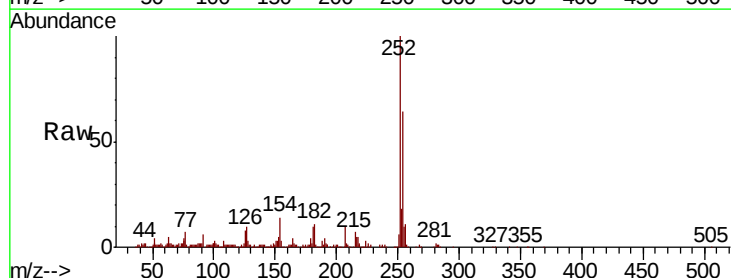
Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Tgt Ion:252 Resp: 336642

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.2	76.8
126	8.3	6.6	10.0

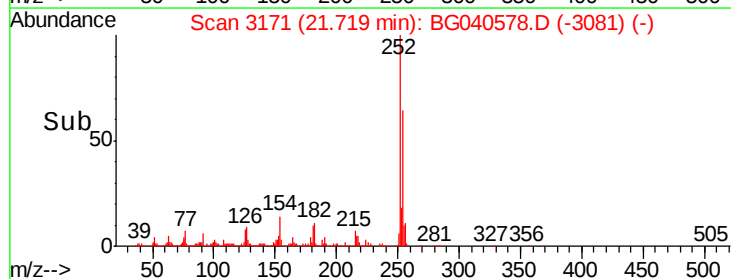
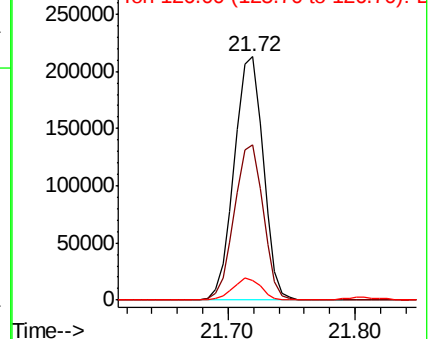


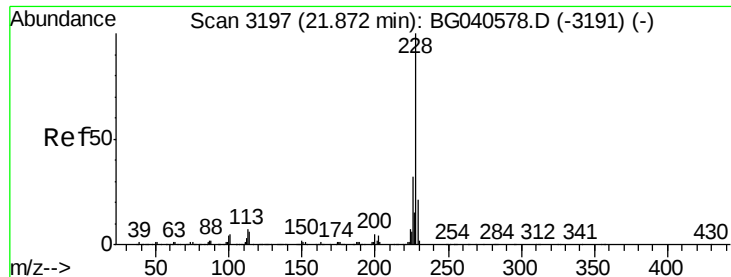
Abundance

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





#83

Chrysene

Concen: 41.137 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

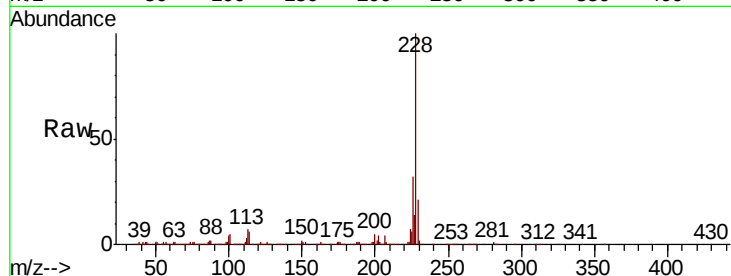
Tot Ion:228 Resp: 890771

Ion Ratio Lower Upper

228 100

226 31.9 25.5 38.3

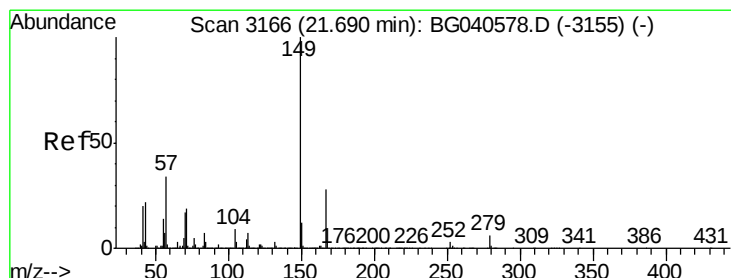
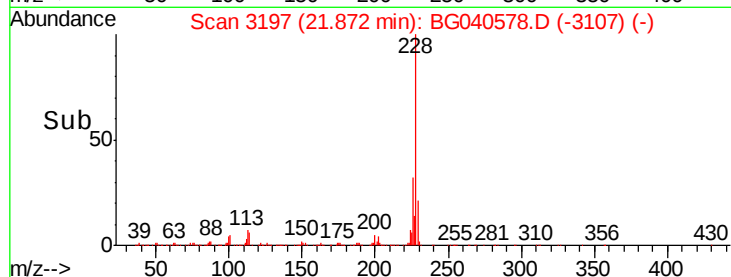
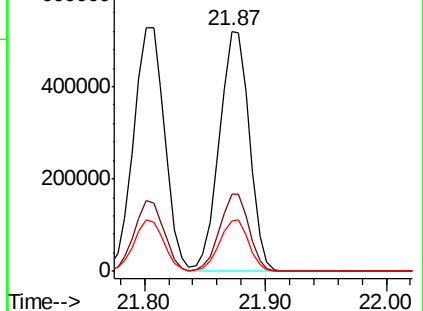
229 21.0 16.8 25.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.325 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

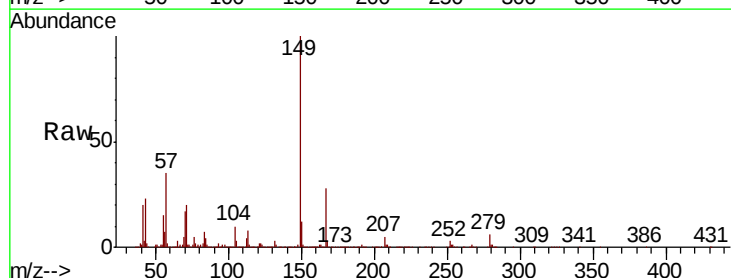
Tgt Ion:149 Resp: 519784

Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

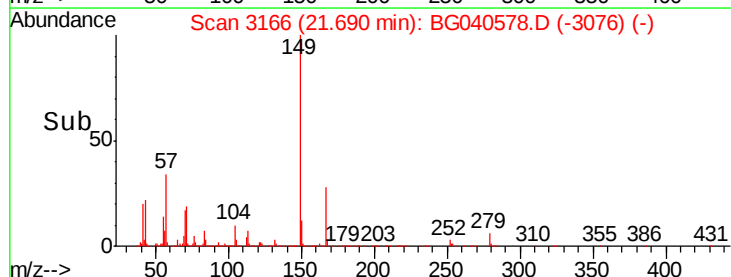
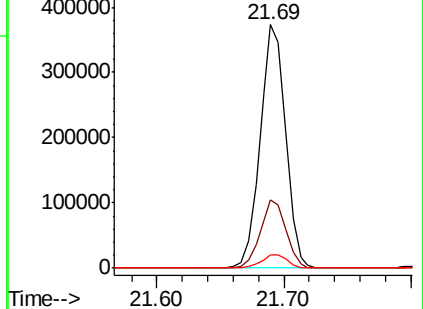
279 5.7 4.6 6.8



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





#85

Di-n-octyl phthalate

Concen: 34.914 ng

RT: 22.96 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

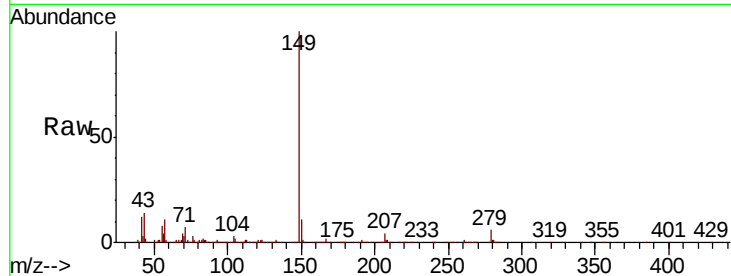
Tot Ion:149 Resp: 875286

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

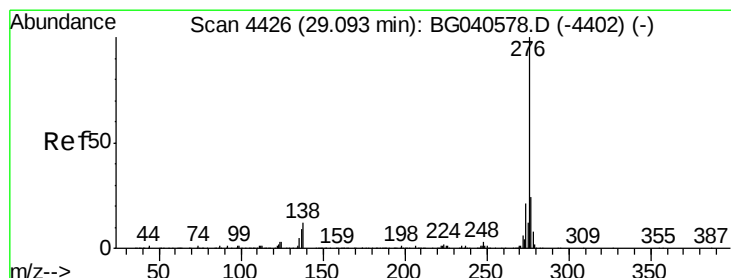
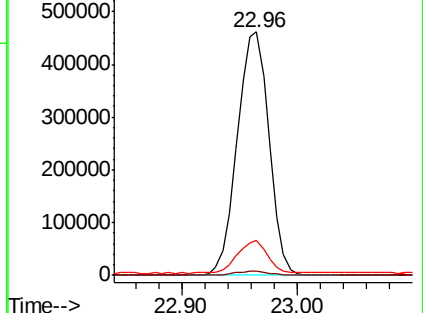
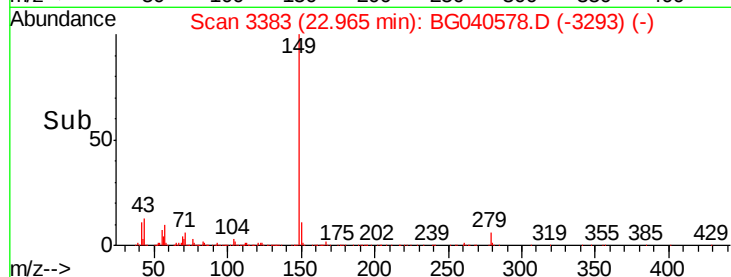
43 12.7 10.2 15.2



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: 40.075 ng

RT: 29.09 min Scan# 4426

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

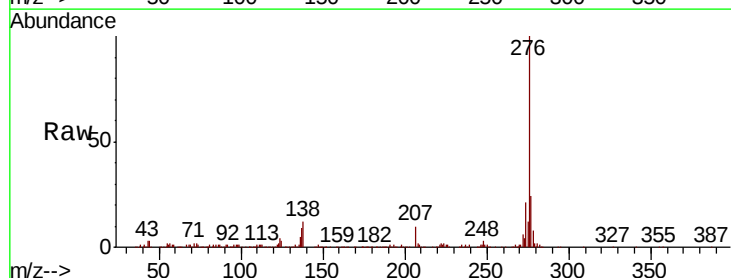
Tgt Ion:276 Resp: 1061358

Ion Ratio Lower Upper

276 100

138 12.2 9.8 14.6

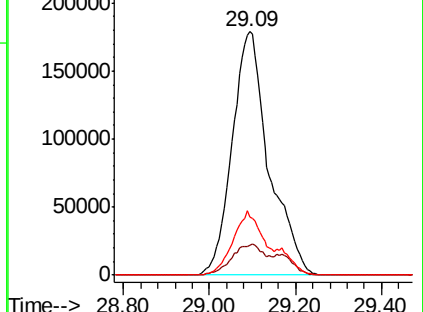
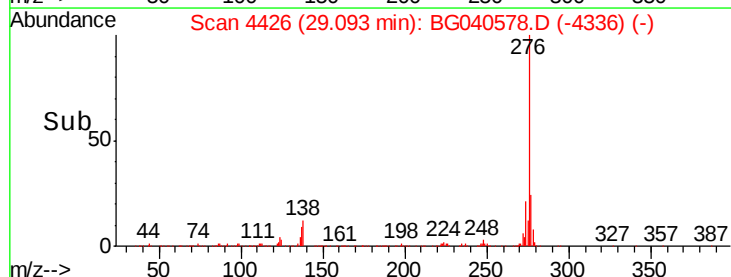
277 21.6 17.3 25.9



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

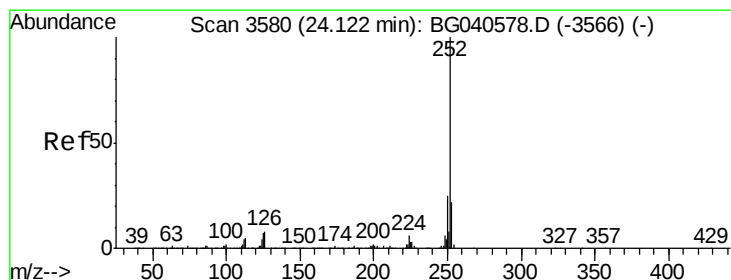
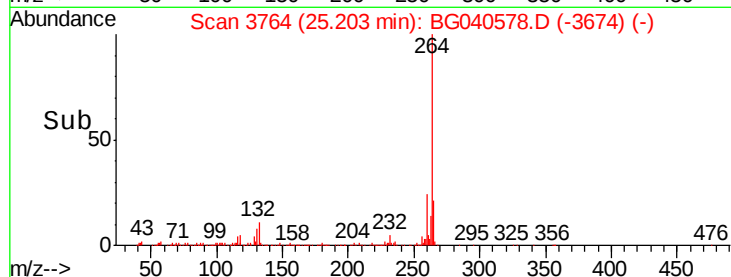
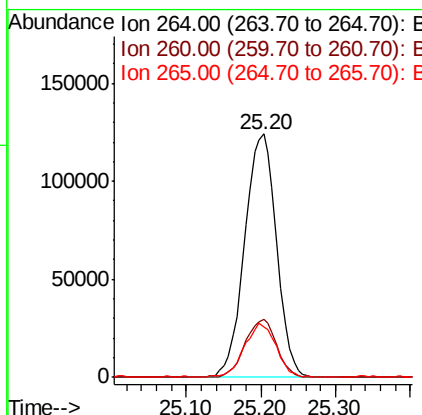
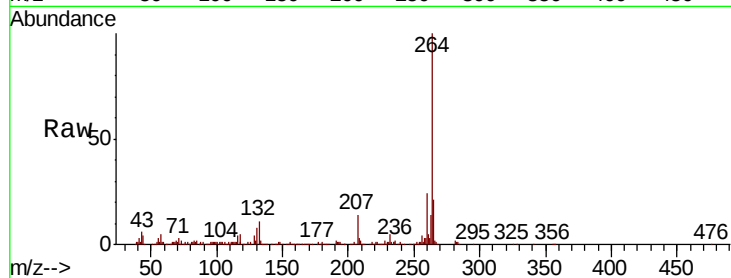




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

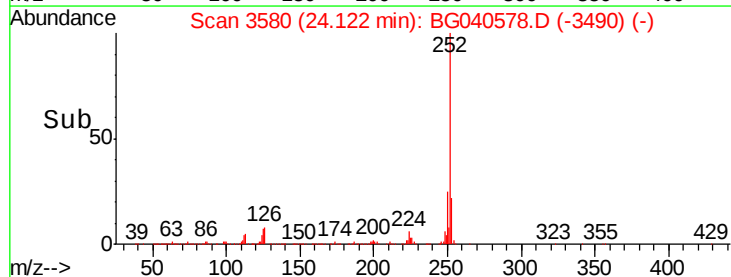
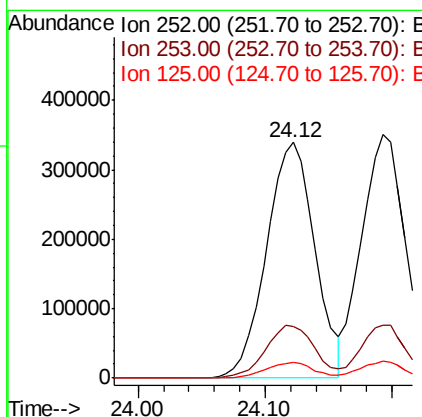
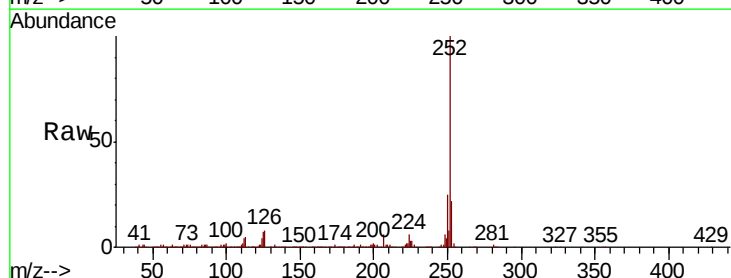
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.8	16.6	25.0



#88
Benzo(b)fluoranthene
Concen: 40.084 ng
RT: 24.12 min Scan# 3580
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.7	5.4	8.0

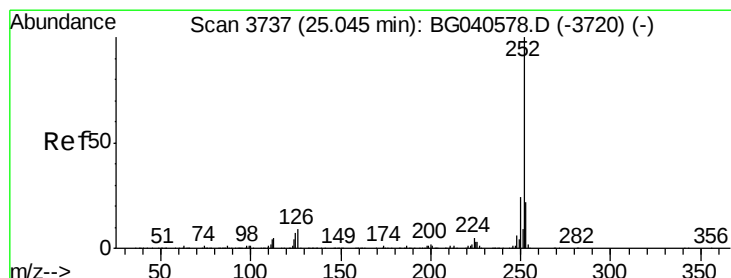
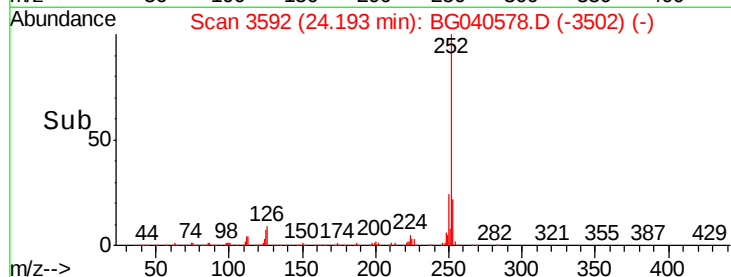
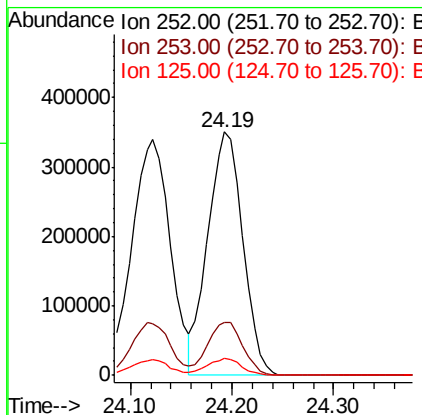
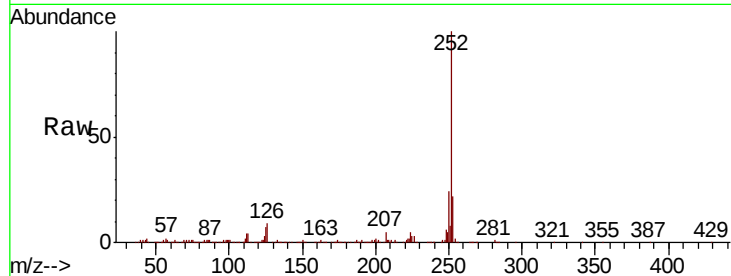




#89
Benzo(k)fluoranthene
Concen: 40.563 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

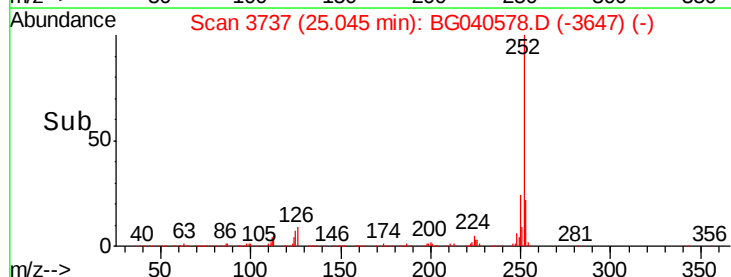
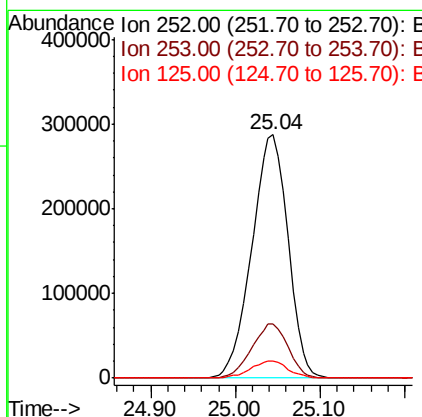
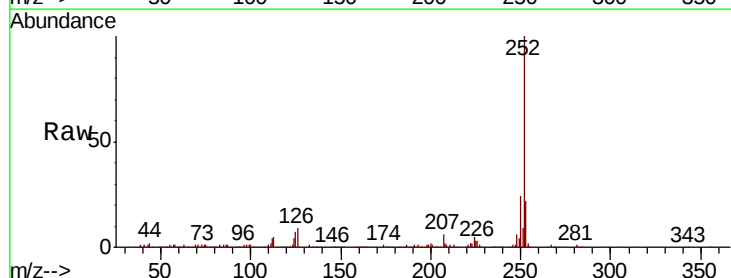
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 837721
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 6.9 5.5 8.3



#90
Benzo(a)pyrene
Concen: 40.602 ng
RT: 25.04 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG040578.D
Acq: 23 Apr 2019 19:25

Tgt Ion:252 Resp: 855549
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 44.201 ng

RT: 29.17 min Scan# 4439

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

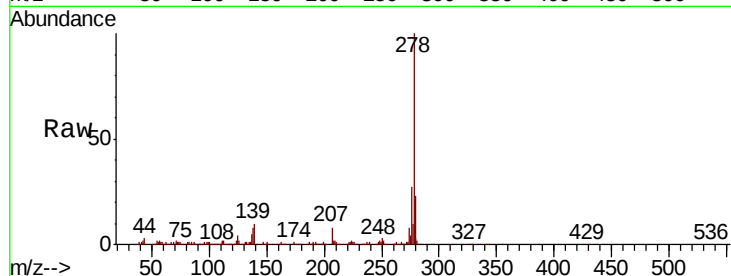
Tot Ion:278 Resp: 865022

Ion Ratio Lower Upper

278 100

139 10.3 8.2 12.4

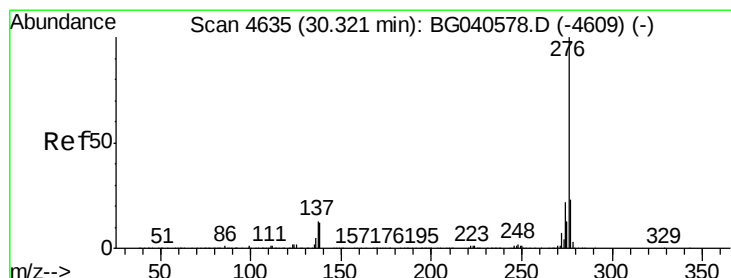
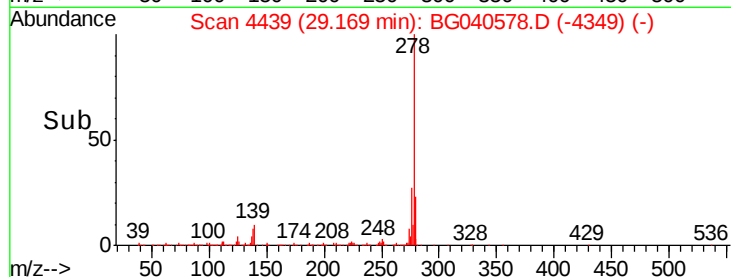
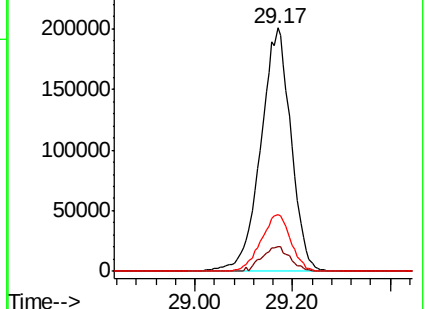
279 23.1 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.839 ng

RT: 30.32 min Scan# 4635

Delta R.T. 0.00 min

Lab File: BG040578.D

Acq: 23 Apr 2019 19:25

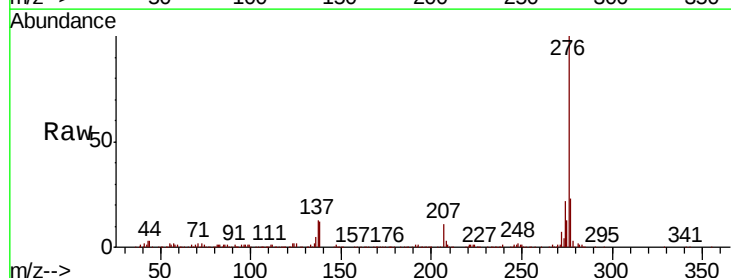
Tgt Ion:276 Resp: 861584

Ion Ratio Lower Upper

276 100

277 23.0 18.4 27.6

138 12.2 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

