

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040789.D
 Acq On : 8 May 2019 14:31
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 08 17:51:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 08 17:46:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53722	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	232616	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	172487	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	426902	20.00	ng	0.00
76) Chrysene-d12	21.80	240	469845	20.00	ng	0.00
87) Perylene-d12	25.16	264	447684	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	240793	79.01	ng	0.00
7) Phenol-d6	7.28	99	381220	81.24	ng	0.00
23) Nitrobenzene-d5	9.32	82	443754	88.15	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	214907	90.64	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	967353	80.99	ng	0.00
79) Terphenyl-d14	20.11	244	1678513	79.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	50276	36.274	ng	100
3) Pyridine	3.95	79	160977	40.071	ng	100
4) n-Nitrosodimethylamine	3.87	42	86735	38.924	ng	100
6) Aniline	7.46	93	239762	38.549	ng	100
8) 2-Chlorophenol	7.70	128	145305	39.047	ng	100
9) Benzaldehyde	7.28	77	117063	42.240	ng	100
10) Phenol	7.31	94	204662	40.574	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	146029	38.606	ng	100
12) 1,3-Dichlorobenzene	8.03	146	160937	39.623	ng	100
13) 1,4-Dichlorobenzene	8.18	146	162487	39.463	ng	100
14) 1,2-Dichlorobenzene	8.50	146	156177	39.331	ng	100
15) Benzyl Alcohol	8.38	79	186285	38.153	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.66	45	251021	33.333	ng	100
17) 2-Methylphenol	8.57	107	140432	39.340	ng	100
18) Hexachloroethane	9.23	117	62616	37.072	ng	100
19) n-Nitroso-di-n-propylamine	8.95	70	153170	36.262	ng	100
20) 3+4-Methylphenols	8.90	107	198535	39.924	ng	100
22) Acetophenone	8.97	105	263794	40.782	ng	100
24) Nitrobenzene	9.37	77	227808	42.412	ng	100
25) Isophorone	9.88	82	434003	38.702	ng	100
26) 2-Nitrophenol	10.07	139	94714	49.192	ng	100
27) 2,4-Dimethylphenol	10.11	122	144799	40.082	ng	100
28) bis(2-Chloroethoxy)methane	10.36	93	220526	39.196	ng	100
29) 2,4-Dichlorophenol	10.60	162	180448	43.937	ng	100
30) 1,2,4-Trichlorobenzene	10.82	180	196211	43.082	ng	100
31) Naphthalene	11.02	128	506169	40.958	ng	100
32) Benzoic acid	10.24	122	108202	43.752	ng	100
33) 4-Chloroaniline	11.12	127	225357	41.129	ng	100
34) Hexachlorobutadiene	11.28	225	148153	44.062	ng	100
35) Caprolactam	11.92	113	65416	40.343	ng	100
36) 4-Chloro-3-methylphenol	12.22	107	219450	42.356	ng	100
37) 2-Methylnaphthalene	12.62	142	386773	41.859	ng	100
38) 1-Methylnaphthalene	12.83	142	373647	41.371	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	270993	42.174	ng	100

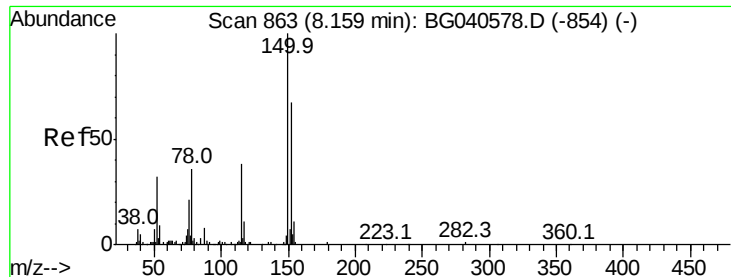
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040789.D
 Acq On : 8 May 2019 14:31
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 QLast Update : Wed May 08 17:46:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	125627	33.133	ng	100
43) 2,4,6-Trichlorophenol	13.20	196	167926	43.246	ng	100
44) 2,4,5-Trichlorophenol	13.27	196	186782	44.157	ng	100
46) 1,1'-Biphenyl	13.61	154	529746	39.557	ng	100
47) 2-Chloronaphthalene	13.65	162	420634	40.135	ng	100
48) 2-Nitroaniline	13.86	65	169249	45.367	ng	100
49) Acenaphthylene	14.50	152	692844	38.965	ng	100
50) Dimethylphthalate	14.22	163	576713	39.962	ng	100
51) 2,6-Dinitrotoluene	14.35	165	127179	45.153	ng	100
52) Acenaphthene	14.84	154	404386	39.051	ng	100
53) 3-Nitroaniline	14.68	138	126721	43.910	ng	100
54) 2,4-Dinitrophenol	14.88	184	48989	35.150	ng	100
55) Dibenzofuran	15.17	168	696609	41.071	ng	100
56) 4-Nitrophenol	14.97	139	91401	36.525	ng	100
57) 2,4-Dinitrotoluene	15.13	165	185571	48.486	ng	100
58) Fluorene	15.82	166	551538	40.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	189784	44.576	ng	100
60) Diethylphthalate	15.57	149	589668	38.726	ng	100
61) 4-Chlorophenyl-phenylether	15.81	204	335911	42.130	ng	100
62) 4-Nitroaniline	15.85	138	135314	41.915	ng	100
63) Azobenzene	16.10	77	569930	36.345	ng	100
65) 4,6-Dinitro-2-methylphenol	15.89	198	85920	41.905	ng	100
66) n-Nitrosodiphenylamine	16.02	169	495087	39.418	ng	100
67) 4-Bromophenyl-phenylether	16.70	248	226277	42.545	ng	100
68) Hexachlorobenzene	16.81	284	236586	43.020	ng	100
69) Atrazine	16.96	200	190120	38.206	ng	100
70) Pentachlorophenol	17.15	266	129910	40.368	ng	100
71) Phenanthrene	17.56	178	924848	40.221	ng	100
72) Anthracene	17.65	178	927691	40.137	ng	100
73) Carbazole	17.92	167	812250	38.573	ng	100
74) Di-n-butylphthalate	18.46	149	967834	38.079	ng	100
75) Fluoranthene	19.56	202	1163358	40.600	ng	100
77) Benzidine	19.74	184	407335	31.663	ng	100
78) Pyrene	19.92	202	1170860	39.760	ng	100
80) Butylbenzylphthalate	20.79	149	438890	38.240	ng	100
81) Benzo(a)anthracene	21.78	228	1167505	39.317	ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	394966	37.318	ng	100
83) Chrysene	21.85	228	1121061	39.697	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	603782	36.443	ng	100
85) Di-n-octyl phthalate	22.91	149	1017361	36.462	ng	100
86) Indeno(1,2,3-cd)pyrene	29.01	276	1047684	30.684	ng	100
88) Benzo(b)fluoranthene	24.08	252	1102268	40.291	ng	100
89) Benzo(k)fluoranthene	24.15	252	1087249	42.555	ng	100
90) Benzo(a)pyrene	24.99	252	1044530	40.336	ng	100
91) Dibenzo(a,h)anthracene	29.08	278	798342	30.464	ng	100
92) Benzo(g,h,i)perylene	30.22	276	861960	33.049	ng	100

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

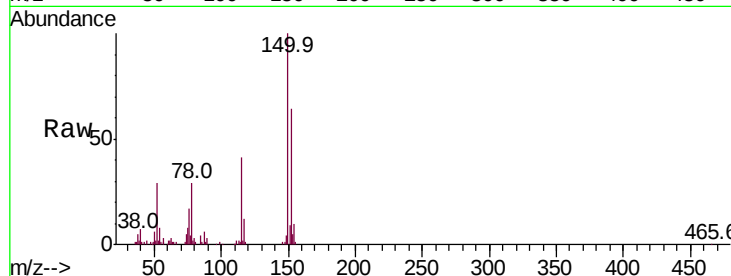


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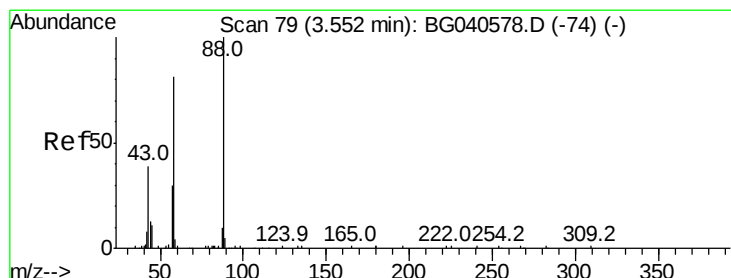
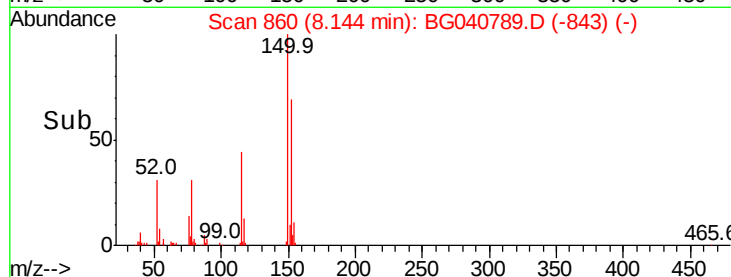
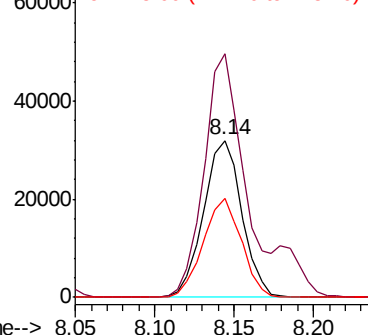
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 53722
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 63.3 50.6 76.0



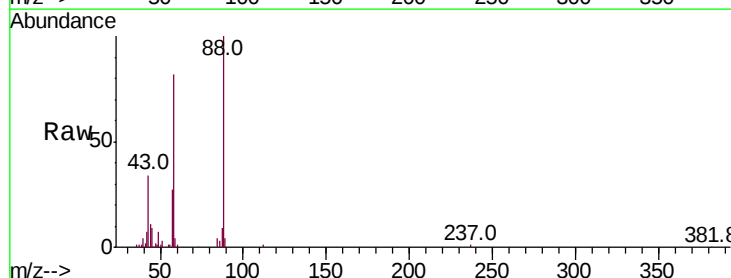
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



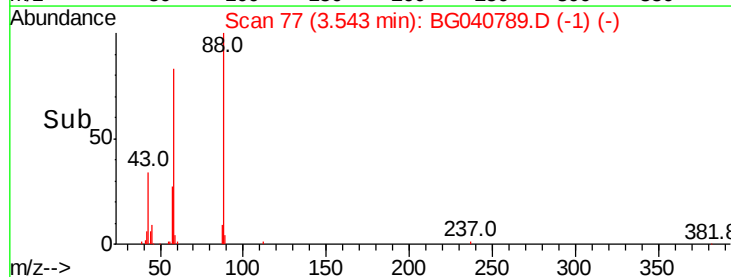
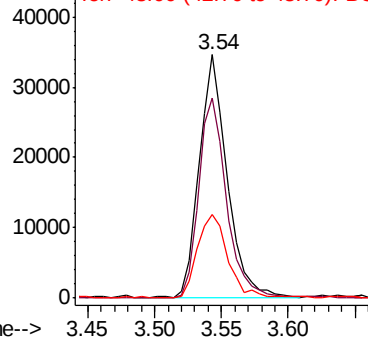
#2

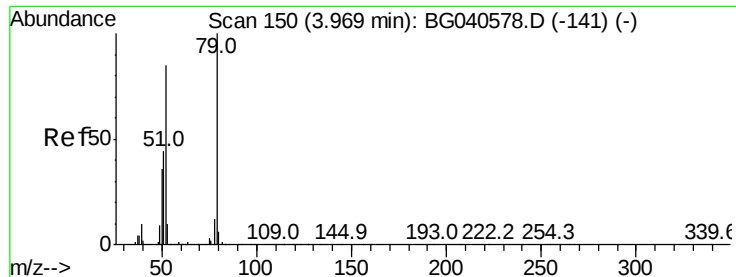
1,4-Dioxane
Concen: 36.274 ng
RT: 3.54 min Scan# 77
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion: 88 Resp: 50276
Ion Ratio Lower Upper
88 100
58 81.5 65.2 97.8
43 37.5 30.0 45.0



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: 40.071 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

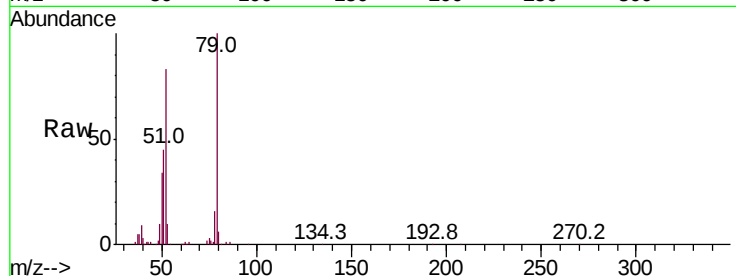
Tot Ion: 79 Resp: 160977

Ion Ratio Lower Upper

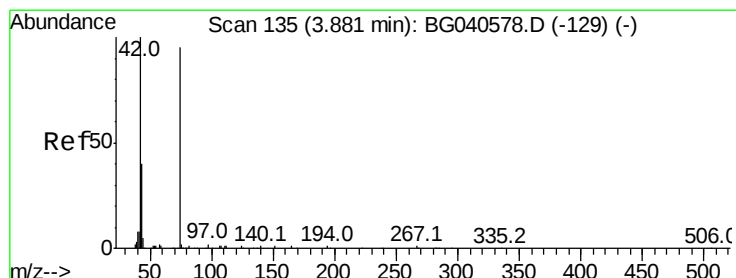
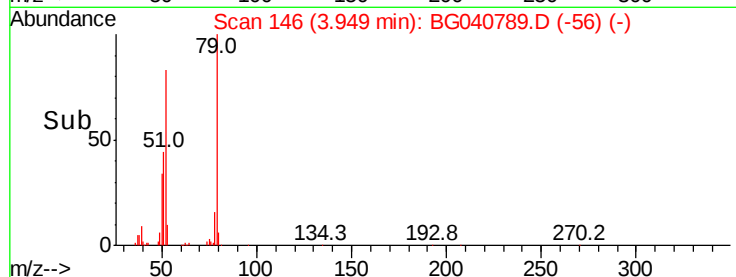
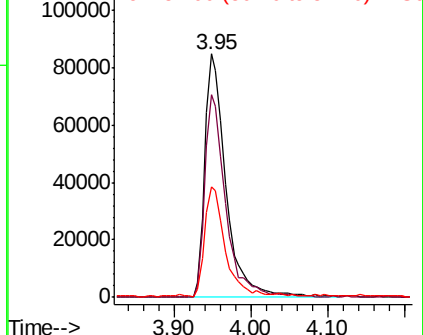
79 100

52 83.1 66.5 99.7

51 45.4 36.3 54.5



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



#4

n-Nitrosodimethylamine

Concen: 38.924 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

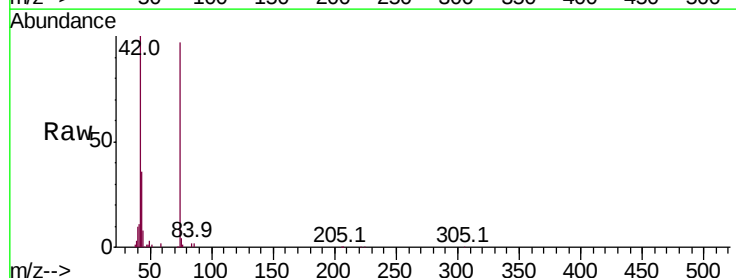
Tgt Ion: 42 Resp: 86735

Ion Ratio Lower Upper

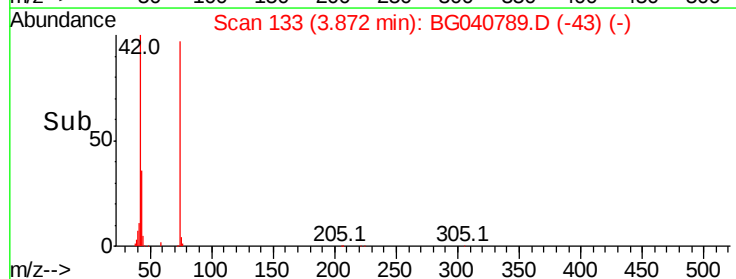
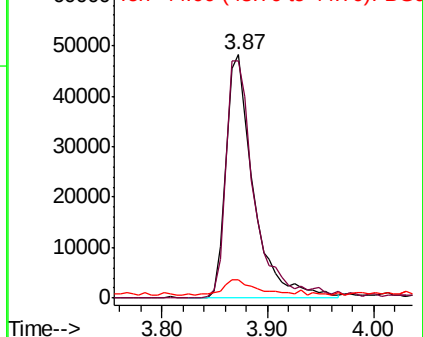
42 100

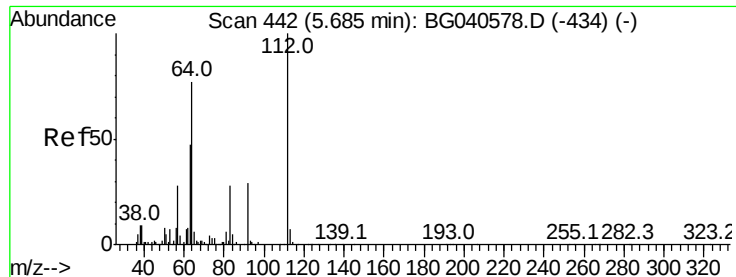
74 97.4 77.9 116.9

44 7.6 6.1 9.1



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





#5

2-Fluorophenol

Concen: 79.011 ng

RT: 5.67 min Scan# 439

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

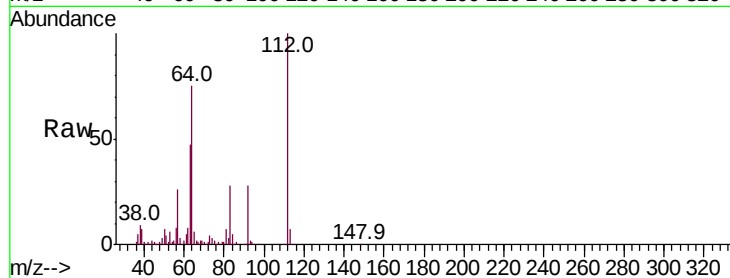
Tot Ion:112 Resp: 240793

Ion Ratio Lower Upper

112 100

64 74.8 59.8 89.8

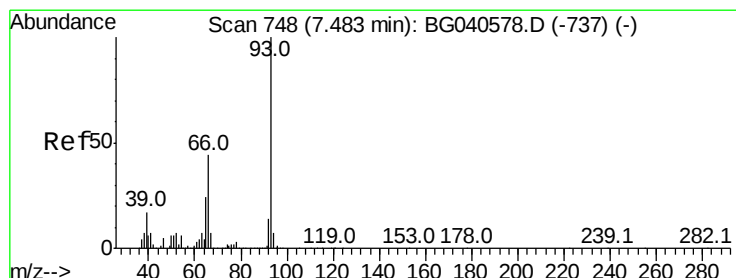
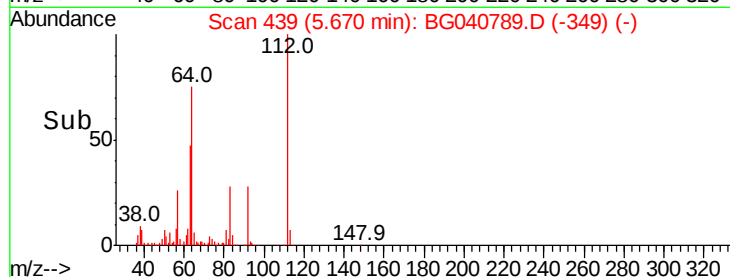
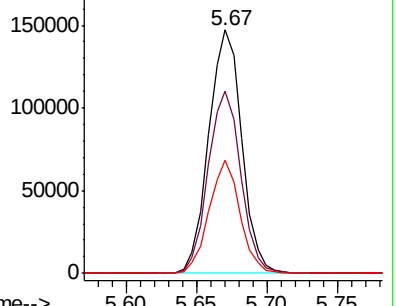
63 46.7 37.4 56.0



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: 38.549 ng

RT: 7.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

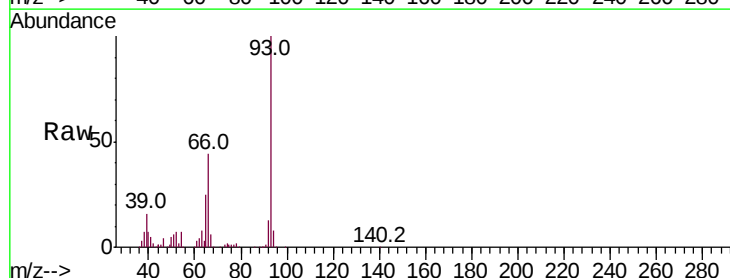
Tgt Ion: 93 Resp: 239762

Ion Ratio Lower Upper

93 100

66 44.3 35.4 53.2

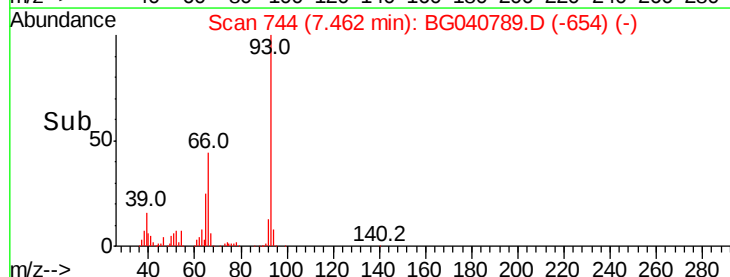
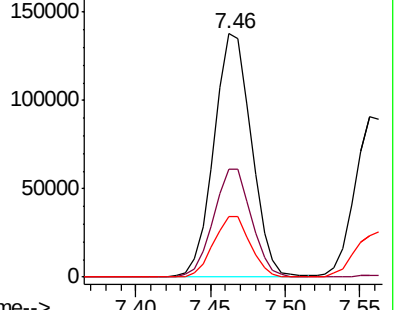
65 24.9 19.9 29.9

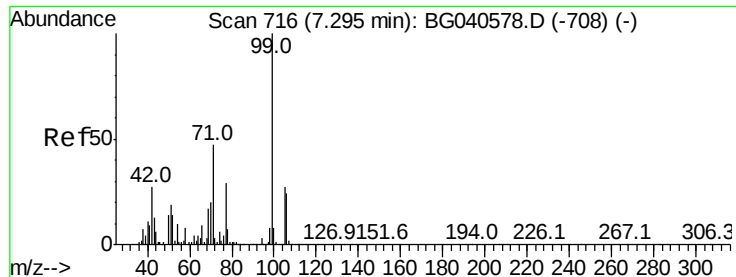


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.241 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

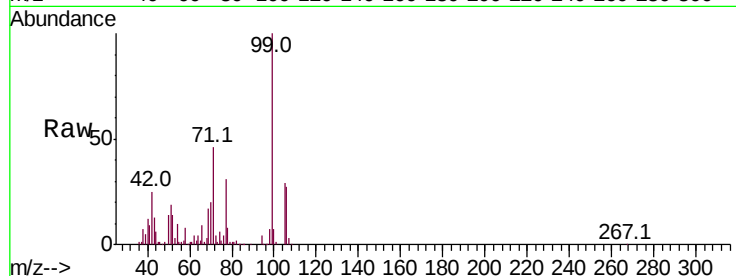
Tot Ion: 99 Resp: 381220

Ion Ratio Lower Upper

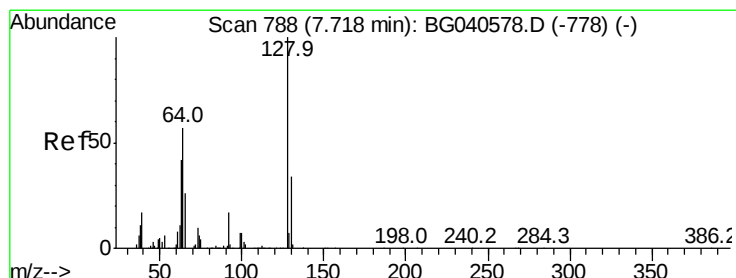
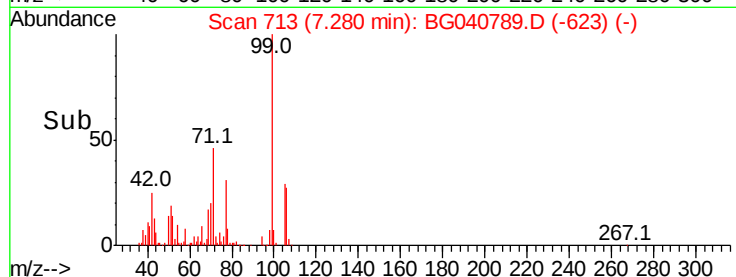
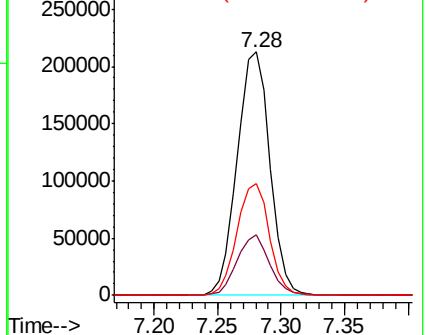
99 100

42 24.8 19.8 29.8

71 45.9 36.7 55.1



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



#8

2-Chlorophenol

Concen: 39.047 ng

RT: 7.70 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

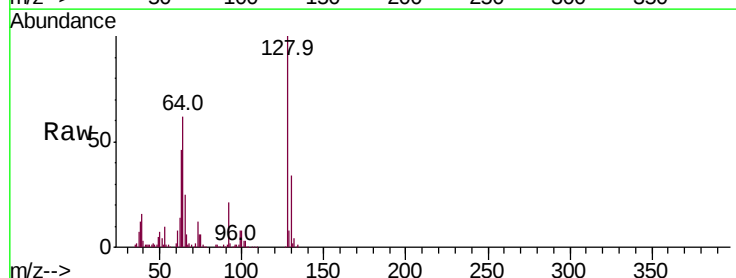
Tgt Ion: 128 Resp: 145305

Ion Ratio Lower Upper

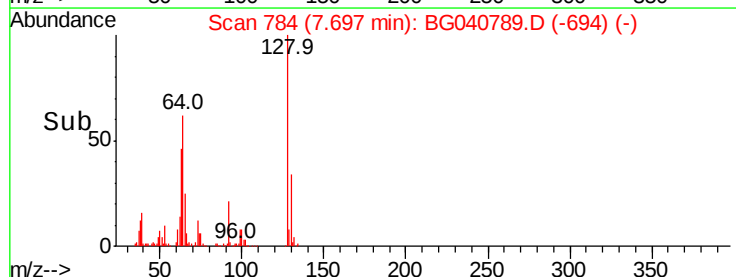
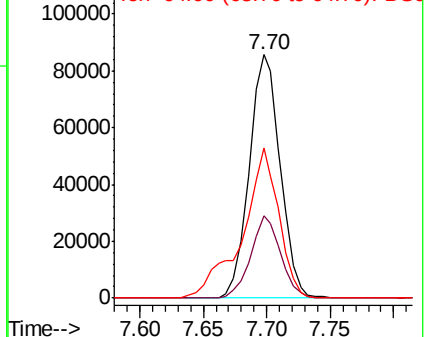
128 100

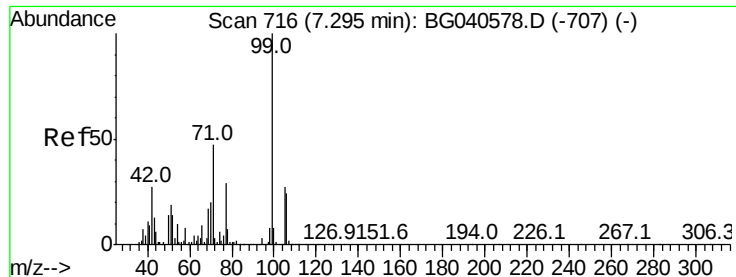
130 33.9 13.9 53.9

64 61.7 41.7 81.7



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





#9

Benzaldehyde

Concen: 42.240 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

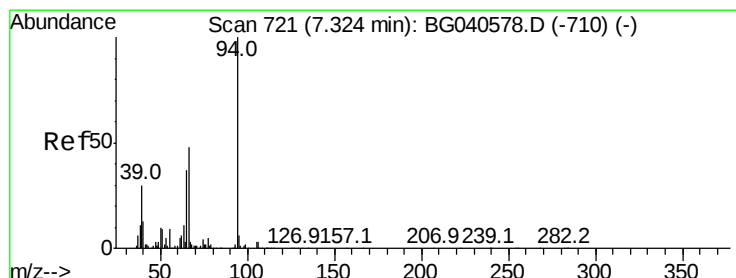
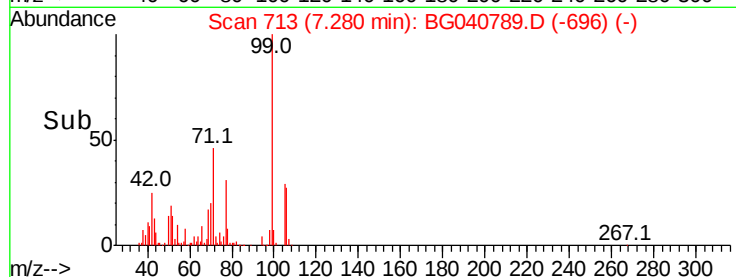
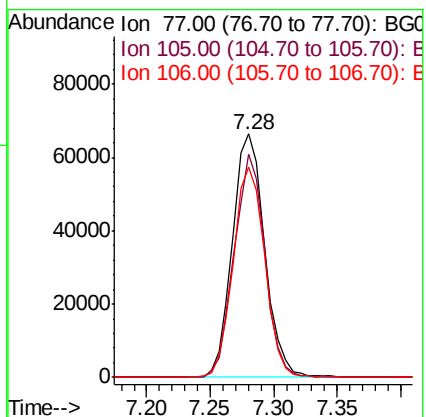
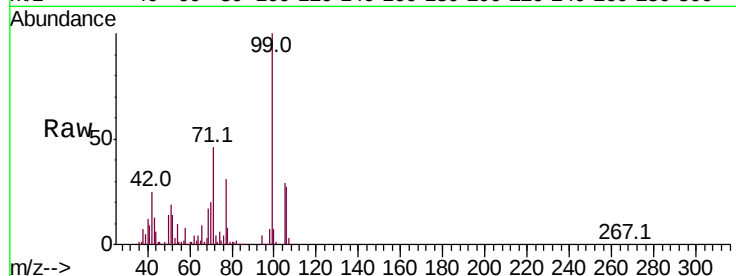
Tot Ion: 77 Resp: 117063

Ion Ratio Lower Upper

77 100

105 91.8 71.8 111.8

106 86.5 66.5 106.5



#10

Phenol

Concen: 40.574 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

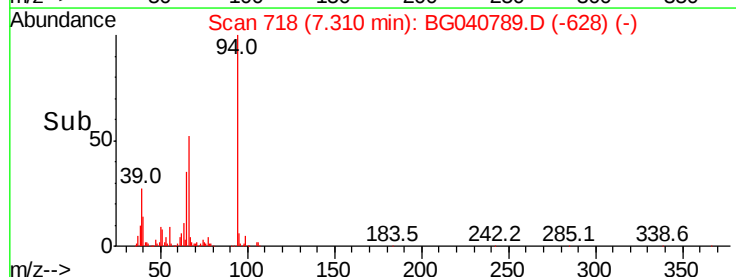
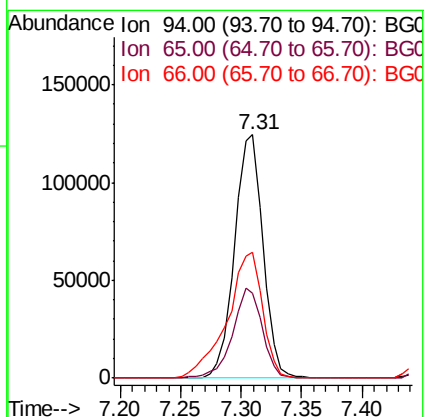
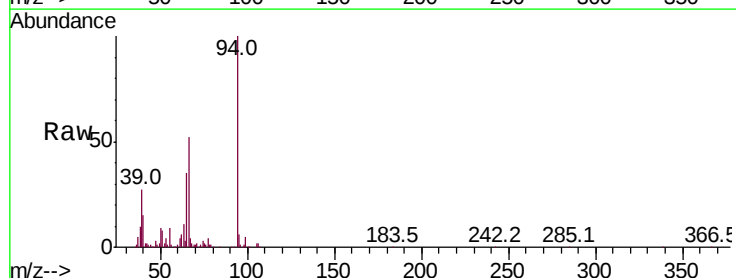
Tgt Ion: 94 Resp: 204662

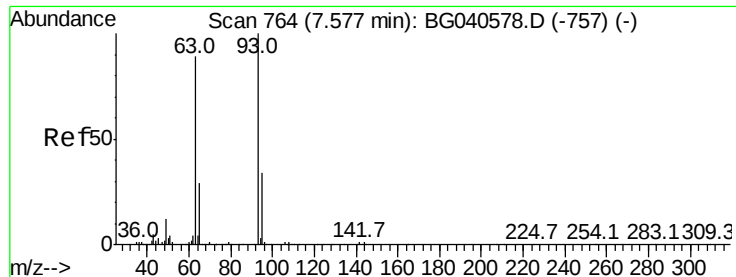
Ion Ratio Lower Upper

94 100

65 35.0 15.0 55.0

66 51.6 31.6 71.6

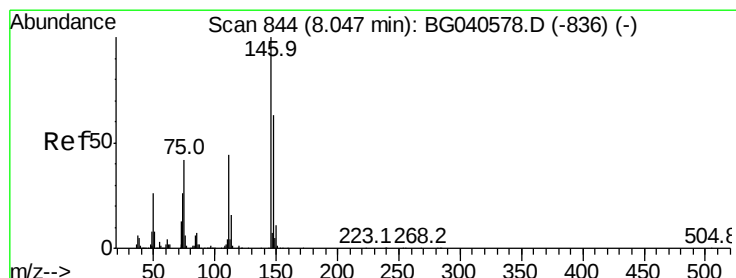
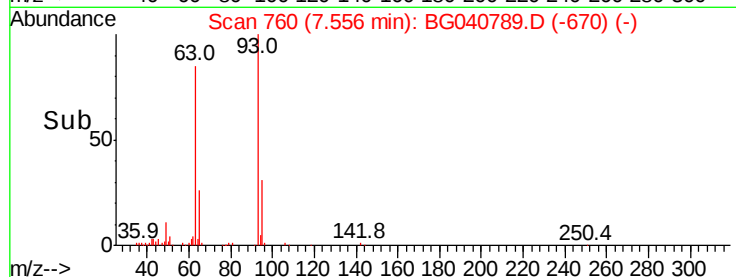
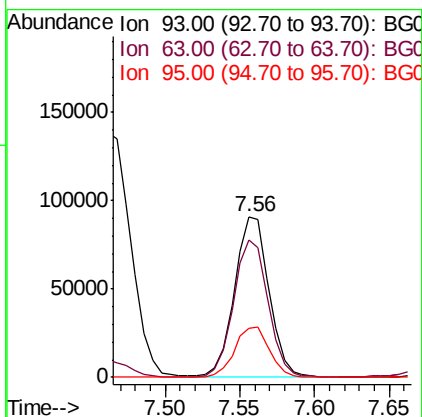
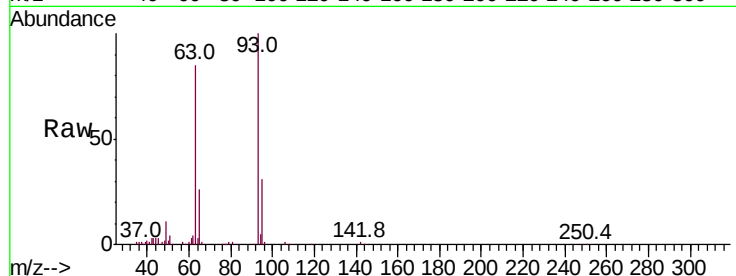




#11
bis(2-Chloroethyl)ether
Concen: 38.606 ng
RT: 7.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

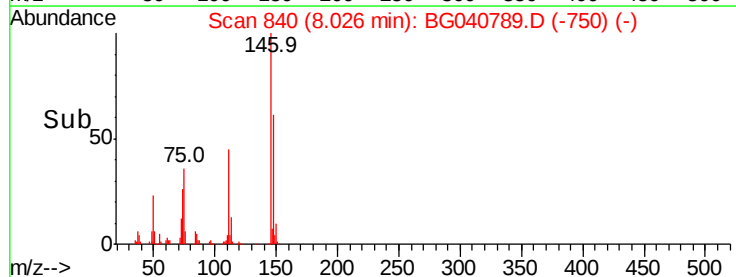
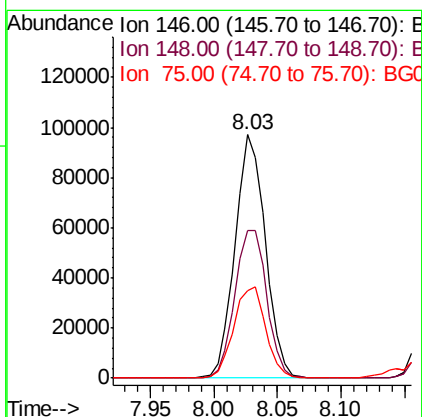
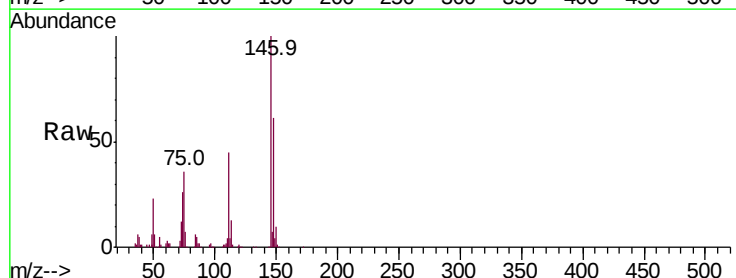
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

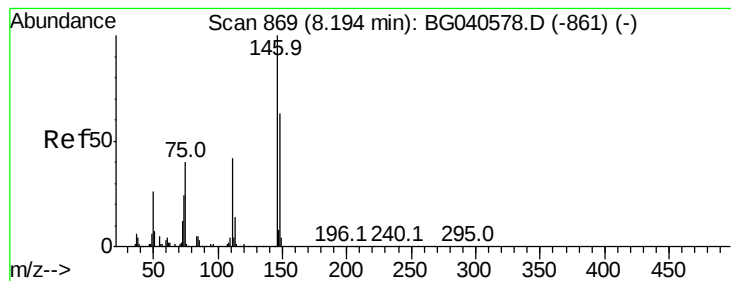
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.4	65.4	105.4
95	30.7	10.7	50.7



#12
1,3-Dichlorobenzene
Concen: 39.623 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	48.4	72.6
75	35.7	28.6	42.8





#13

1,4-Dichlorobenzene

Concen: 39.463 ng

RT: 8.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

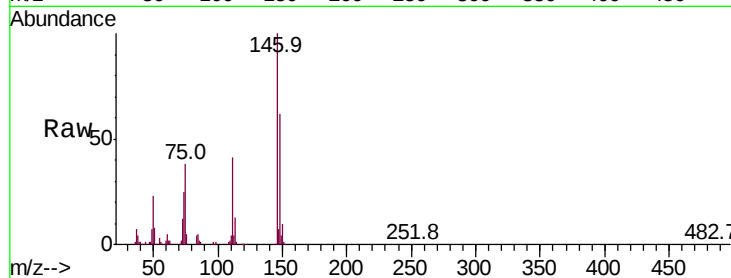
Tot Ion:146 Resp: 162487

Ion Ratio Lower Upper

146 100

148 62.3 49.8 74.8

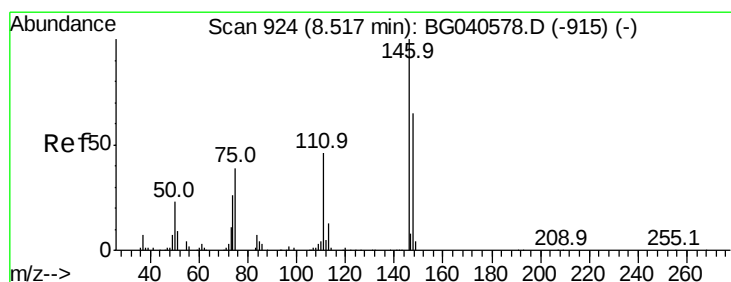
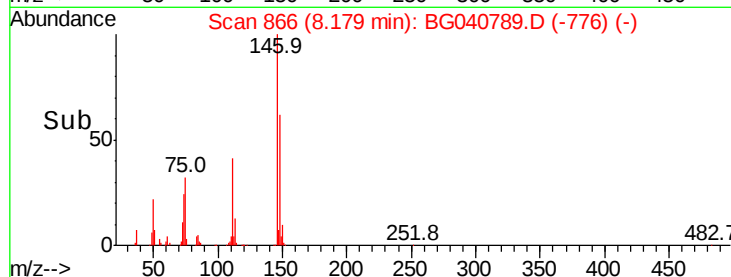
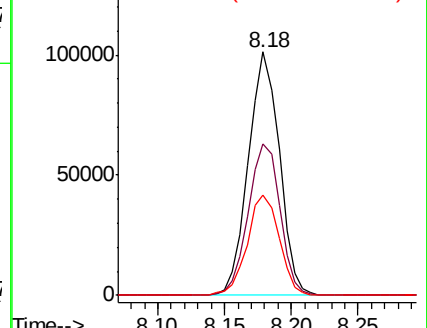
111 41.1 32.9 49.3



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: 39.331 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

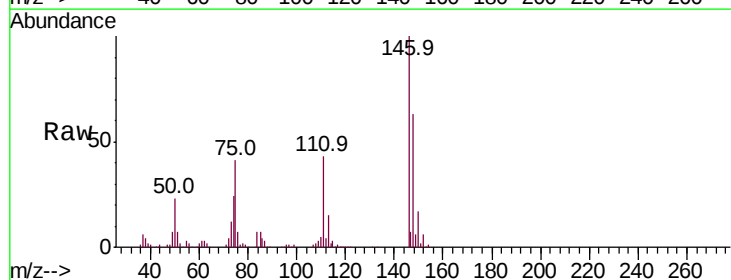
Tgt Ion:146 Resp: 156177

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

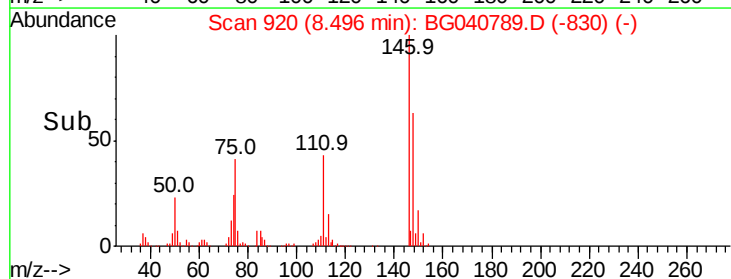
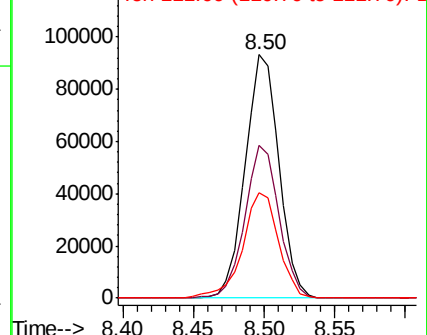
111 43.1 34.5 51.7

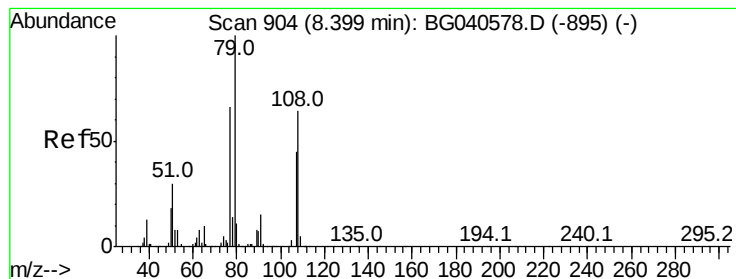


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.153 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

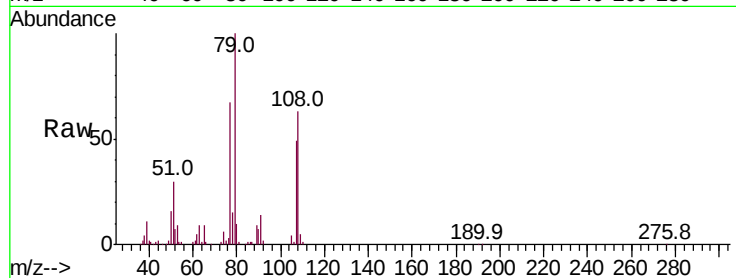
Tot Ion: 79 Resp: 186285

Ion Ratio Lower Upper

79 100

108 63.5 50.8 76.2

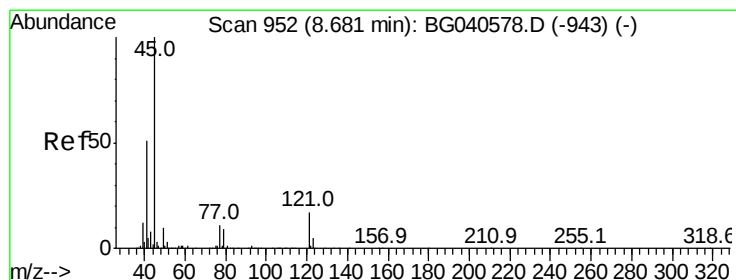
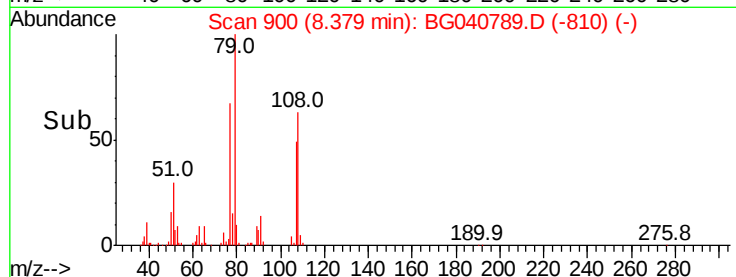
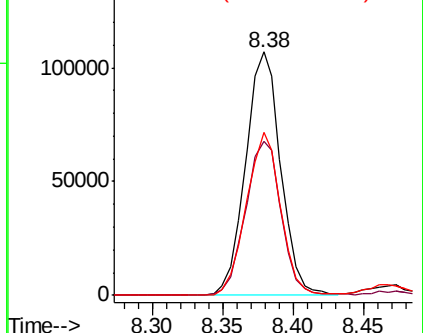
77 66.7 53.4 80.0



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: 33.333 ng

RT: 8.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

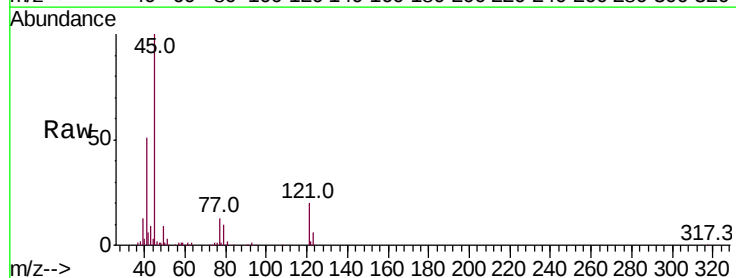
Tgt Ion: 45 Resp: 251021

Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.4

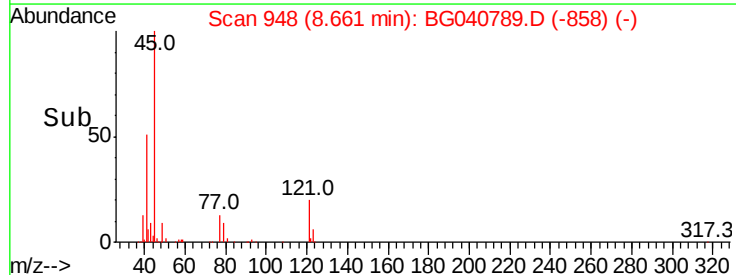
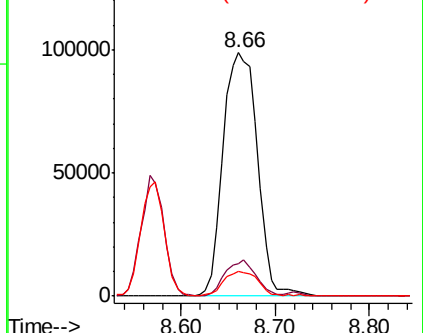
79 10.0 0.0 30.0

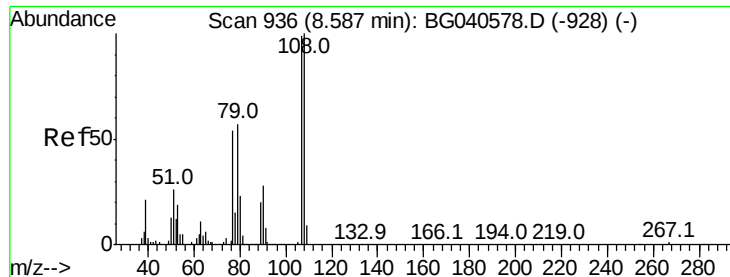


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

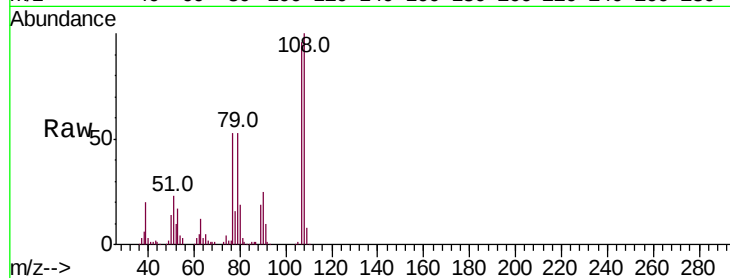




#17
2-Methylphenol
Concen: 39.340 ng
RT: 8.57 min Scan# 933
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	104.2	83.4	125.0
77	55.1	44.1	66.1
79	55.7	44.6	66.8



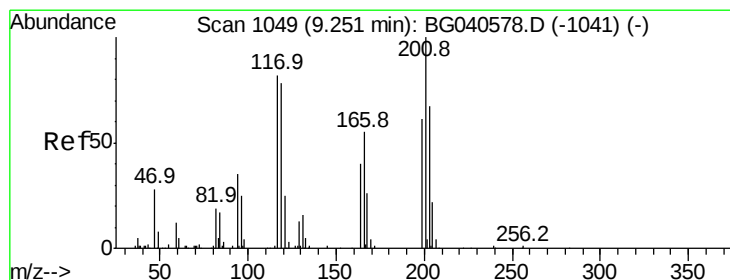
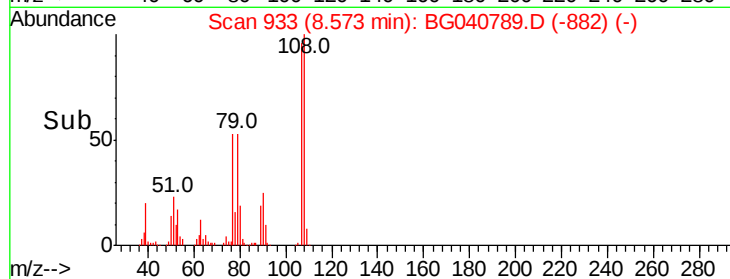
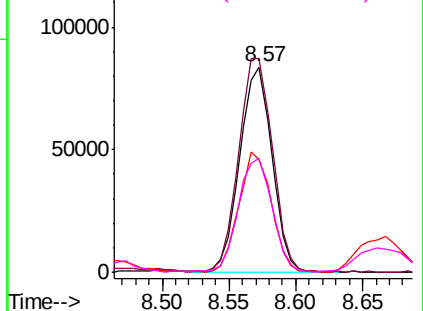
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

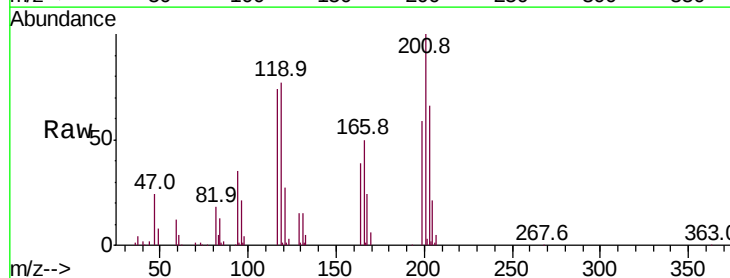
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.072 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.7	83.8	125.6
201	135.3	108.2	162.4

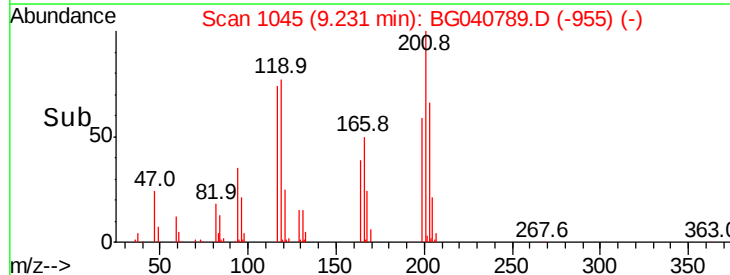
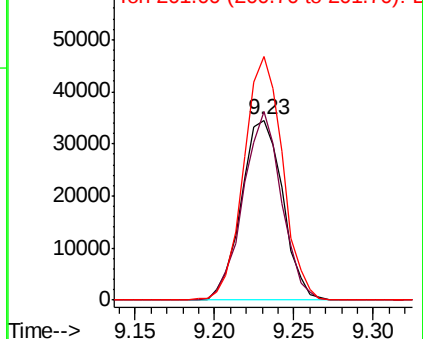


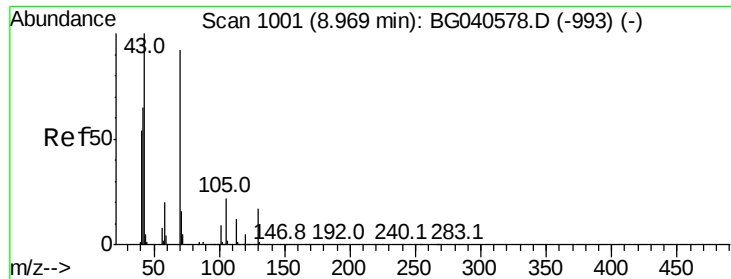
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

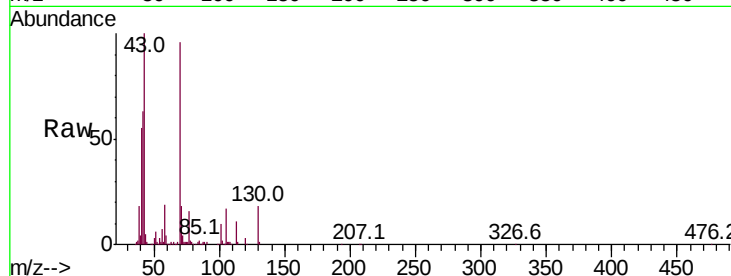




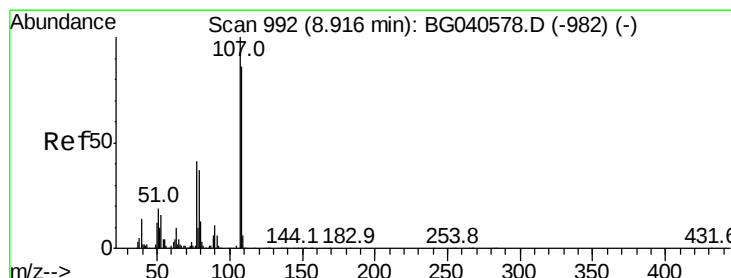
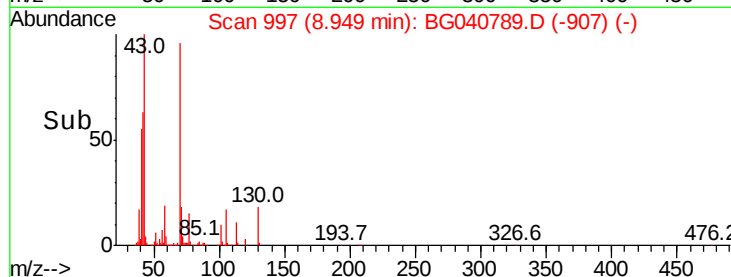
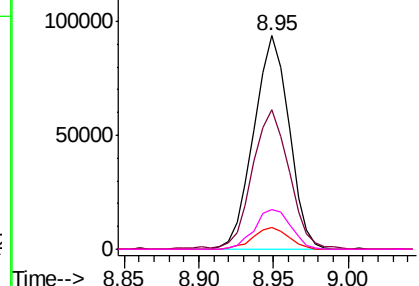
#19
n-Nitroso-di-n-propylamine
Concen: 36.262 ng
RT: 8.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	153170
Ion	Ratio	Lower	Upper
70	100		
42	65.5	52.4	78.6
101	10.0	8.0	12.0
130	18.7	15.0	22.4

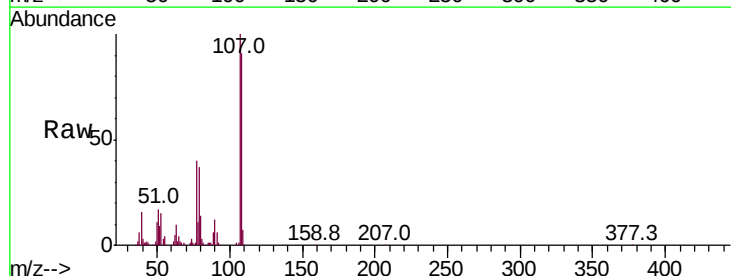


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

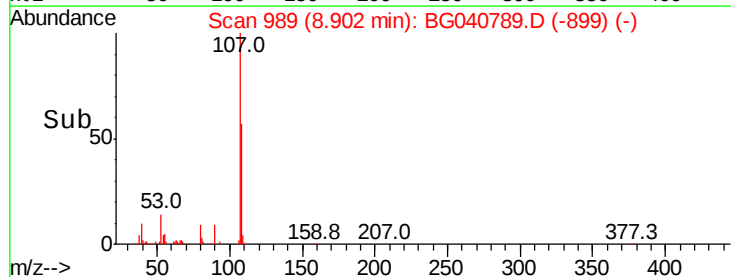
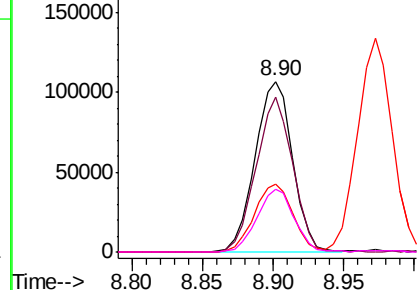


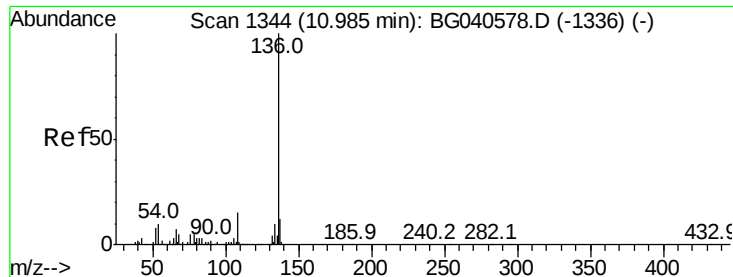
#20
3+4-Methylphenols
Concen: 39.924 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:	107	Resp:	198535
Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.0	111.0
77	39.8	19.8	59.8
79	37.1	17.1	57.1



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 232616

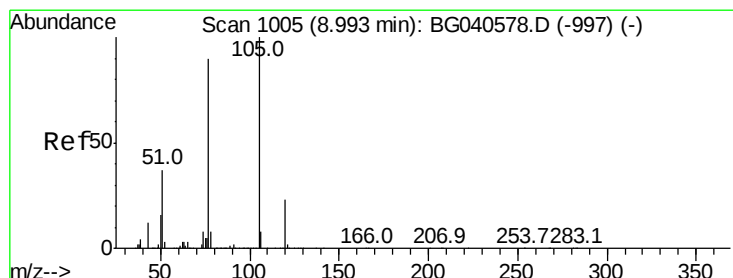
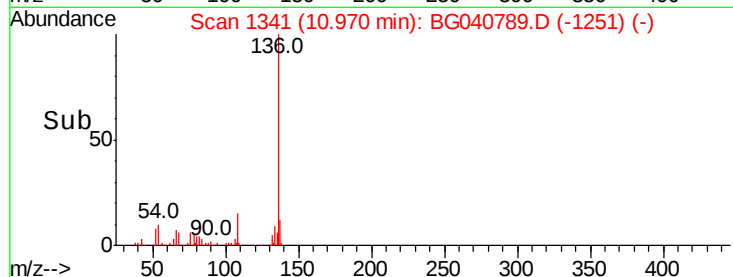
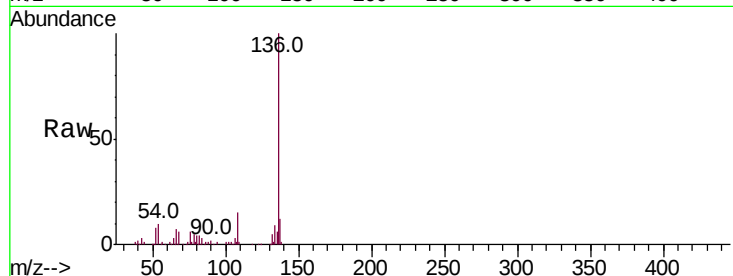
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	9.8	7.8	11.8
68	5.6	4.5	6.7

136 100

137 11.7 9.4 14.0

54 9.8 7.8 11.8

68 5.6 4.5 6.7



#22

Acetophenone

Concen: 40.782 ng

RT: 8.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:105 Resp: 263794

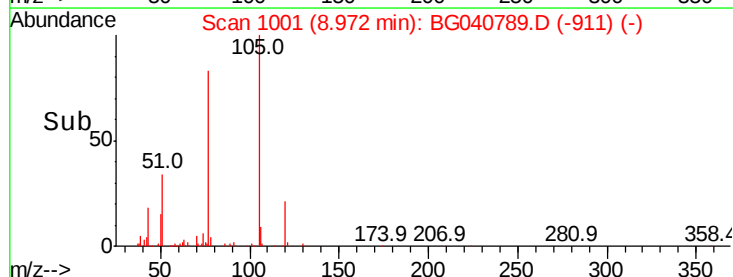
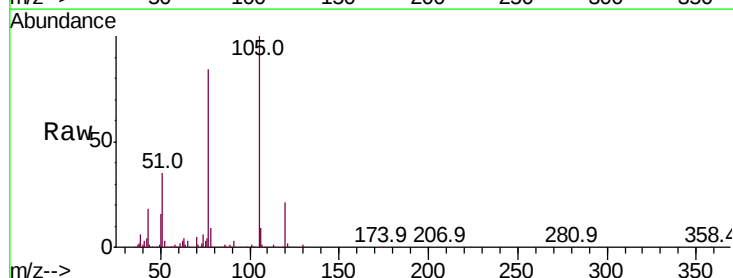
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.6	0.8
51	34.7	27.8	41.6
120	20.7	16.6	24.8

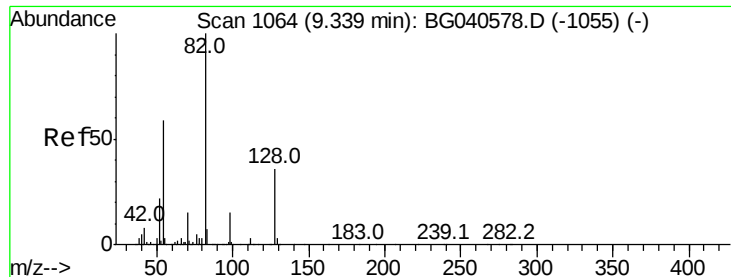
105 100

71 0.7 0.6 0.8

51 34.7 27.8 41.6

120 20.7 16.6 24.8

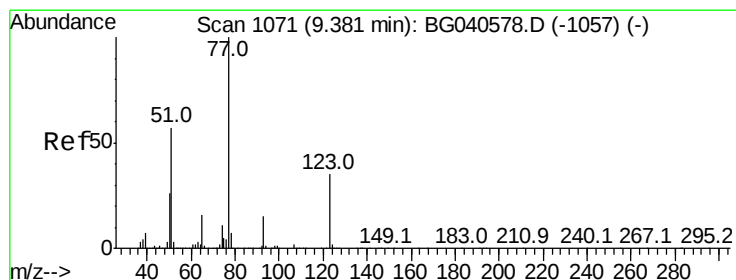
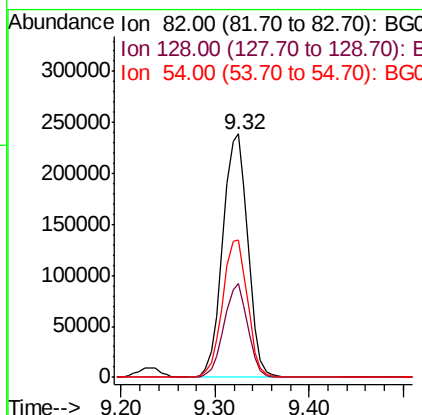
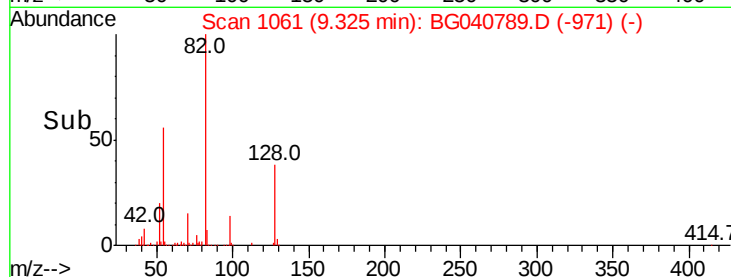
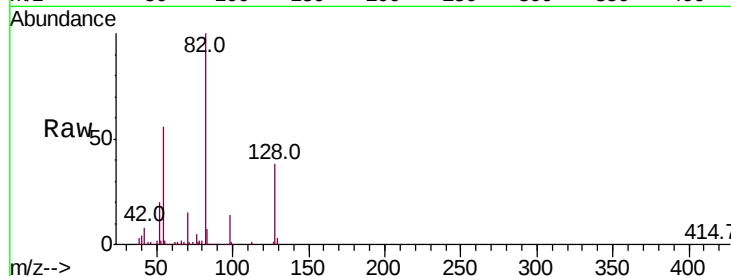




#23
 Nitrobenzene-d5
 Concen: 88.146 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

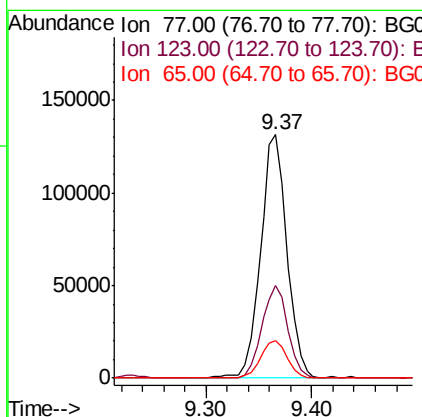
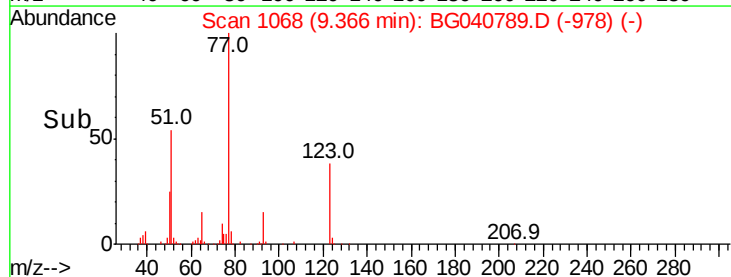
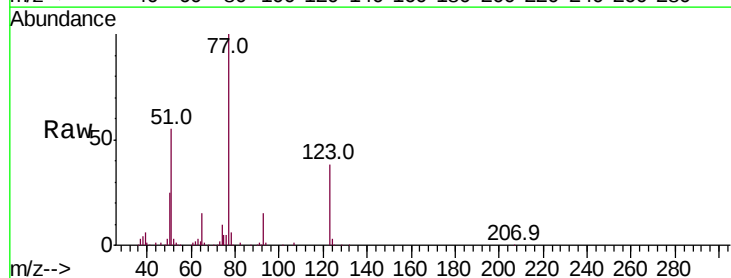
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

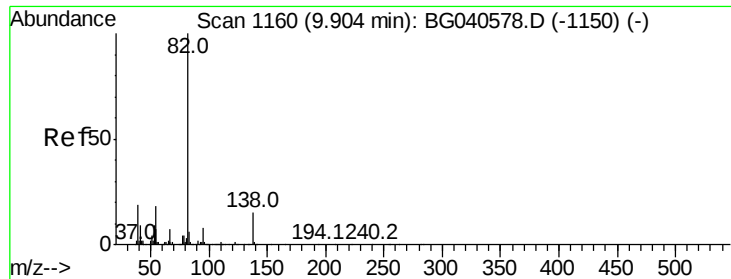
Tot Ion: 82 Resp: 443754
 Ion Ratio Lower Upper
 82 100
 128 38.4 30.7 46.1
 54 56.2 45.0 67.4



#24
 Nitrobenzene
 Concen: 42.412 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion: 77 Resp: 227808
 Ion Ratio Lower Upper
 77 100
 123 38.1 30.5 45.7
 65 15.3 12.2 18.4





#25

Isophorone

Concen: 38.702 ng

RT: 9.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

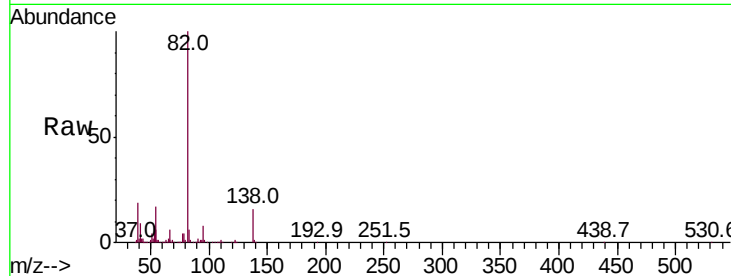
Tot Ion: 82 Resp: 434003

Ion Ratio Lower Upper

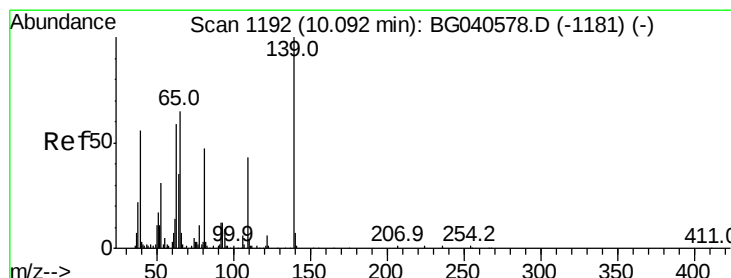
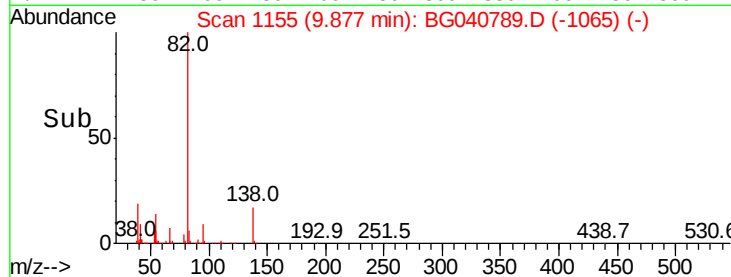
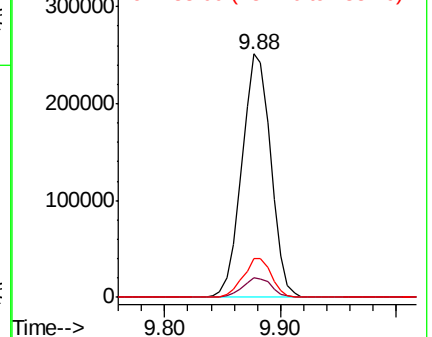
82 100

95 8.2 6.6 9.8

138 15.7 12.6 18.8



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



#26

2-Nitrophenol

Concen: 49.192 ng

RT: 10.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

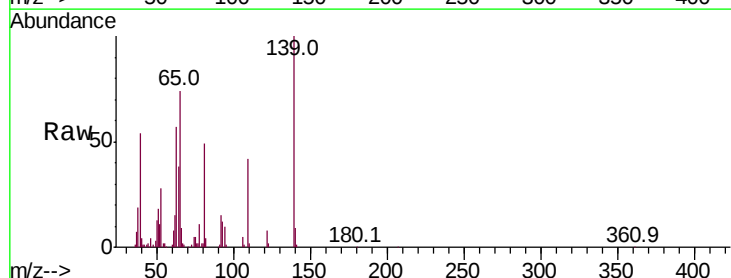
Tgt Ion: 139 Resp: 94714

Ion Ratio Lower Upper

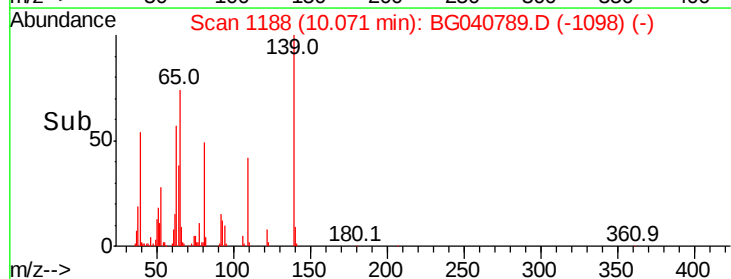
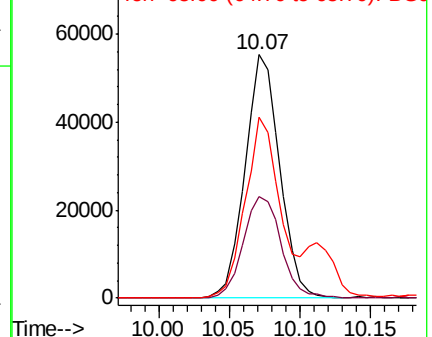
139 100

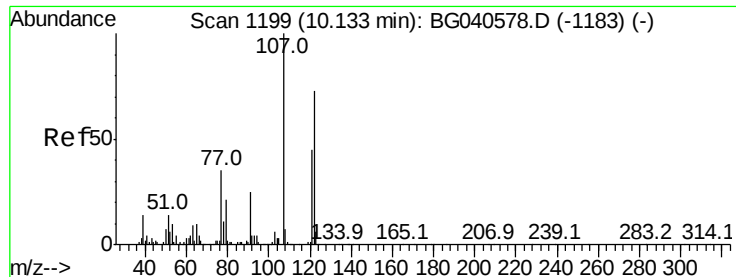
109 41.7 33.4 50.0

65 74.1 59.3 88.9



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





#27

2,4-Dimethylphenol

Concen: 40.082 ng

RT: 10.11 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

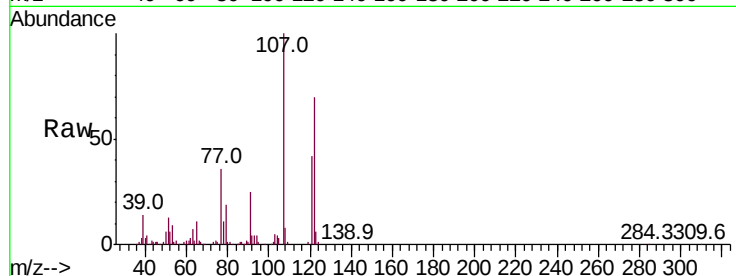
Tot Ion:122 Resp: 144799

Ion Ratio Lower Upper

122 100

107 142.1 113.7 170.5

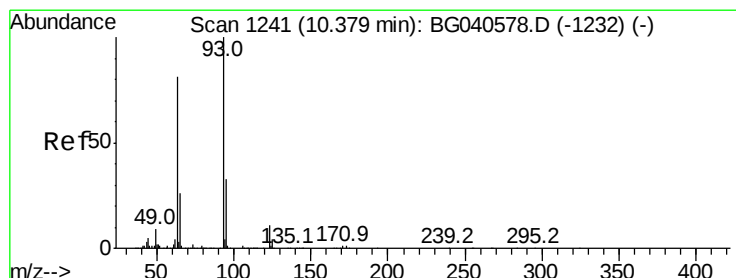
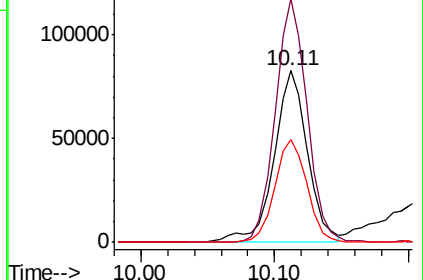
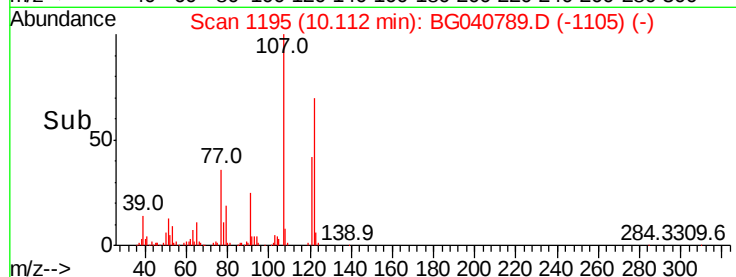
121 59.7 47.8 71.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.196 ng

RT: 10.36 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

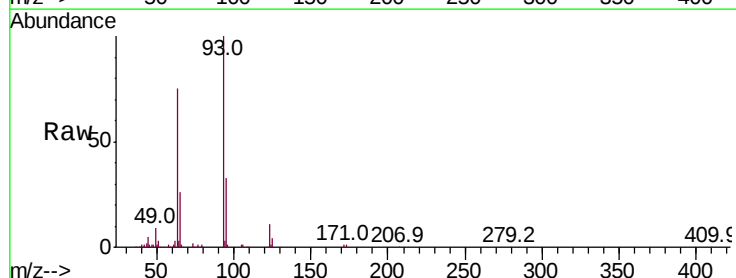
Tgt Ion: 93 Resp: 220526

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

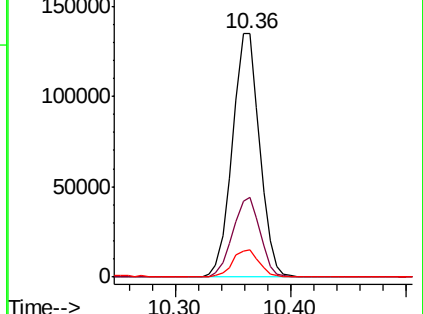
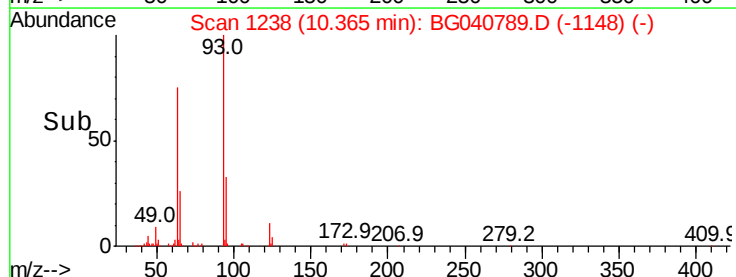
123 11.0 8.8 13.2

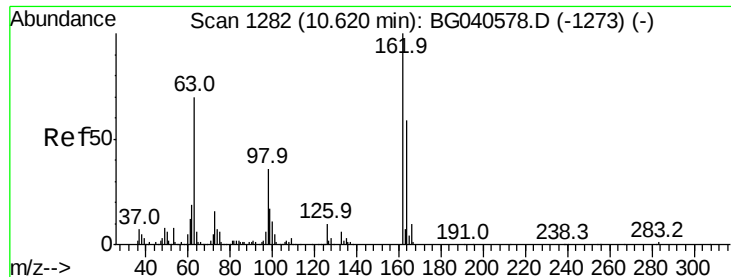


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

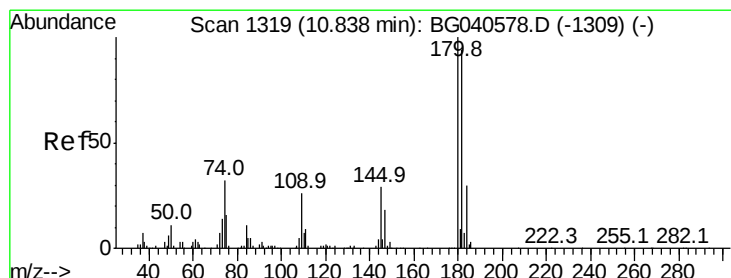
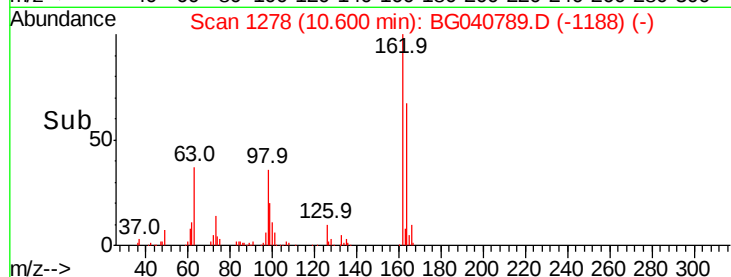
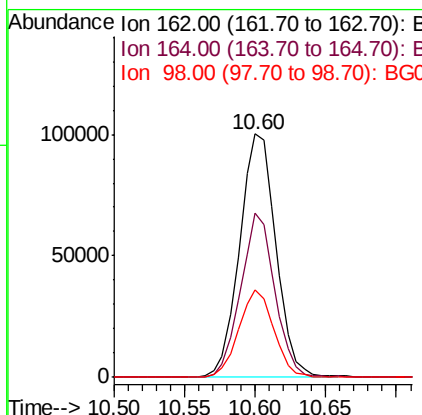
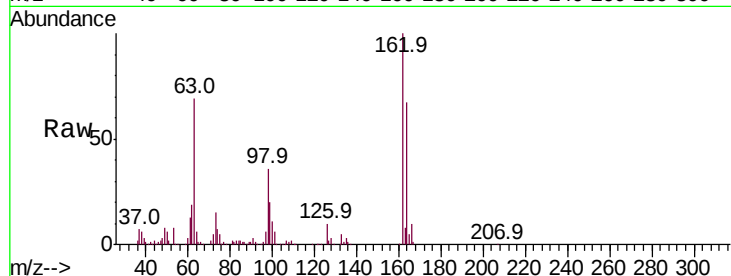




#29
 2,4-Dichlorophenol
 Concen: 43.937 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

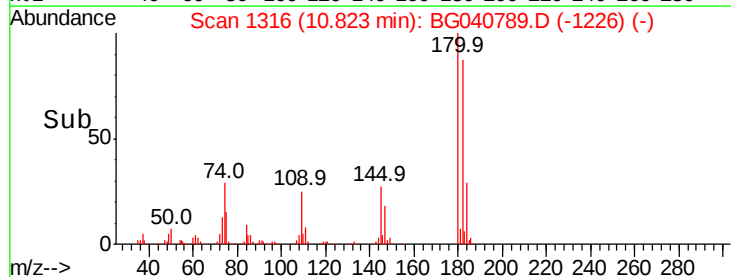
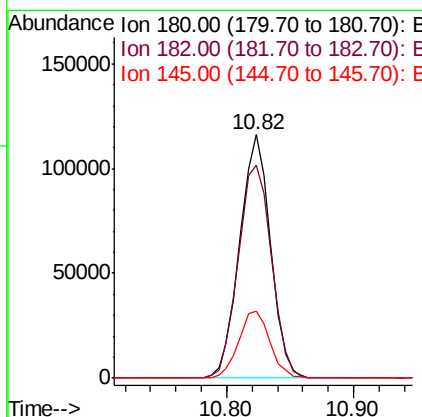
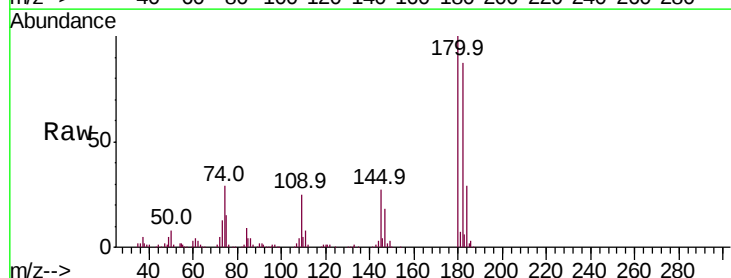
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

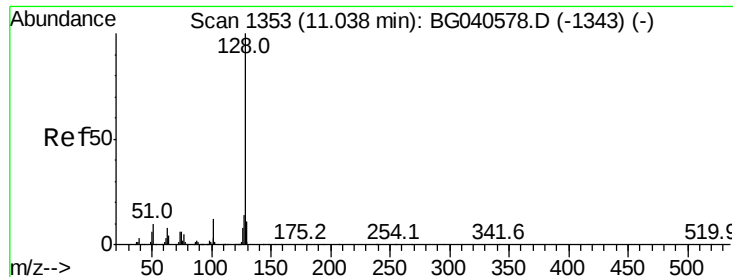
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	47.4	87.4
98	35.9	15.9	55.9



#30
 1,2,4-Trichlorobenzene
 Concen: 43.082 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.4	69.9	104.9
145	27.3	21.8	32.8

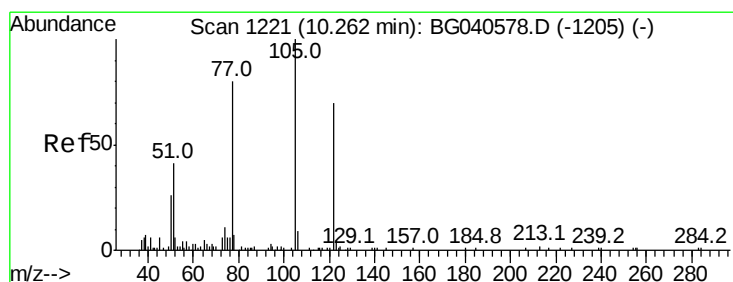
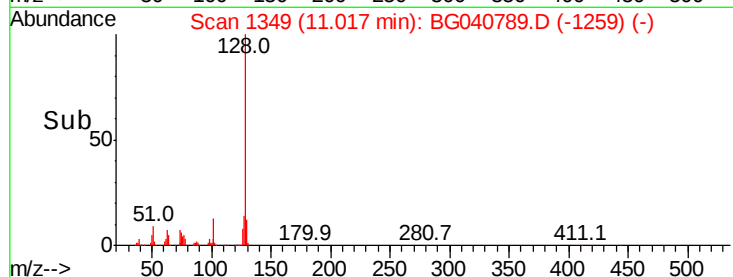
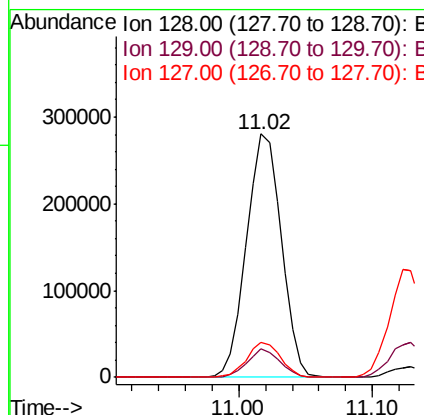
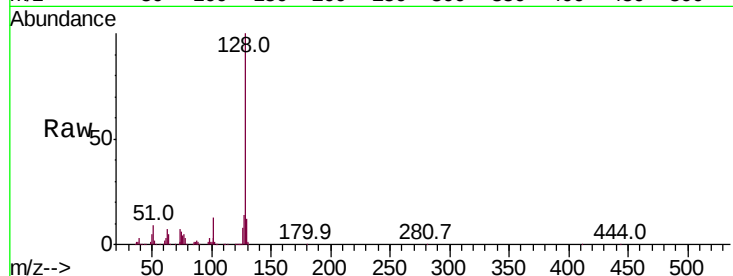




#31
Naphthalene
Concen: 40.958 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

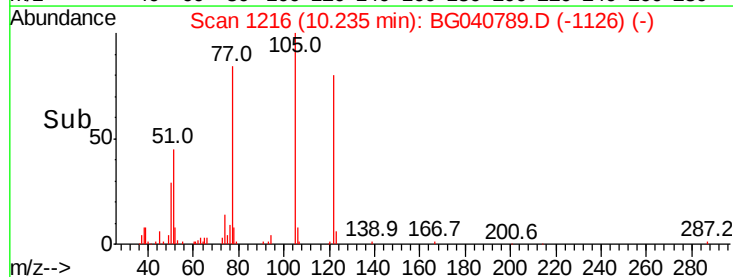
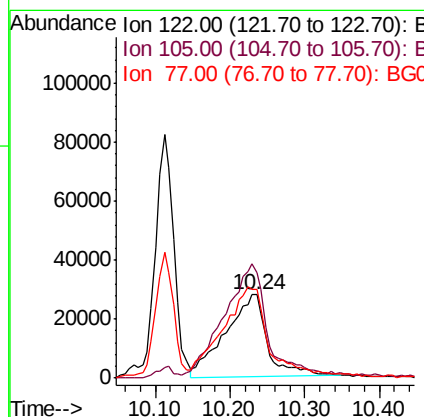
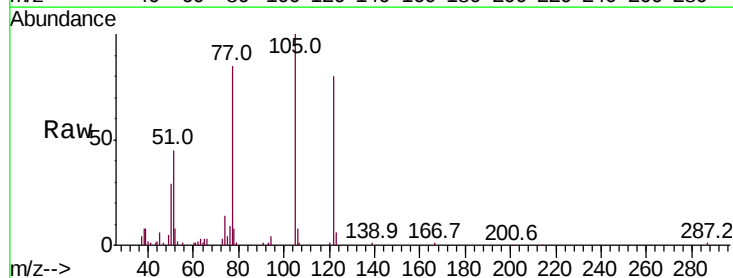
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

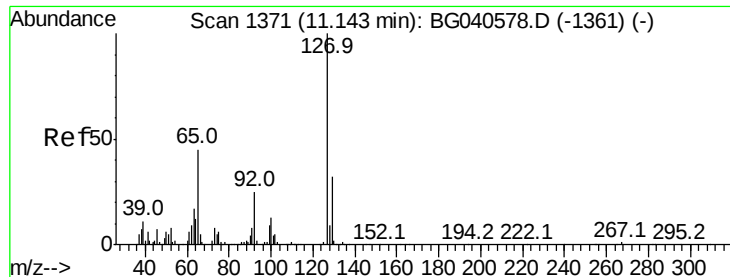
Tot Ion:128 Resp: 506169
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.4 11.5 17.3



#32
Benzoic acid
Concen: 43.752 ng
RT: 10.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:122 Resp: 108202
Ion Ratio Lower Upper
122 100
105 125.6 105.6 145.6
77 106.6 86.6 126.6

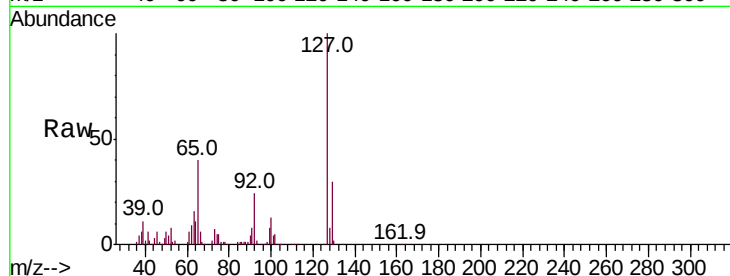




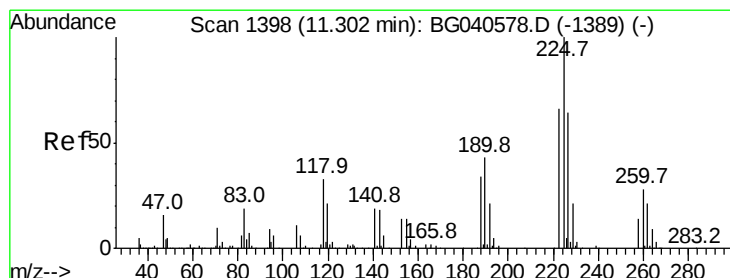
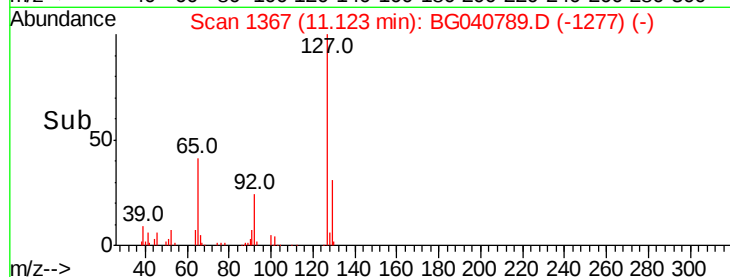
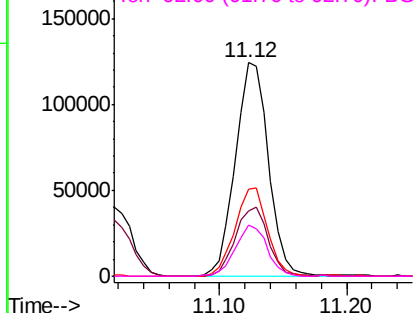
#33
4-Chloroaniline
Concen: 41.129 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	225357
Ion	Ratio	Lower	Upper
127	100		
129	30.4	24.3	36.5
65	40.5	32.4	48.6
92	23.9	19.1	28.7

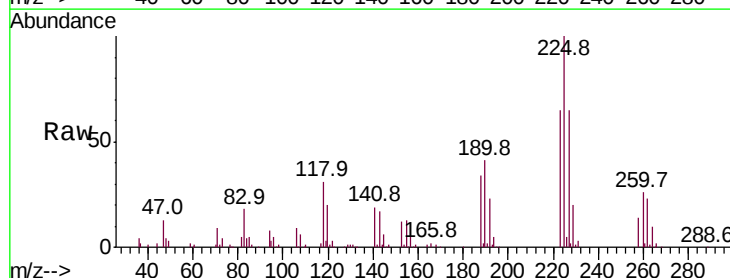


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

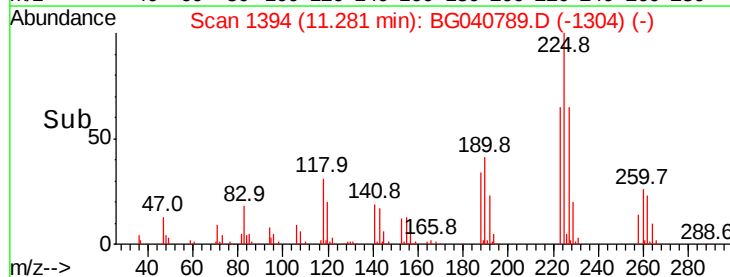
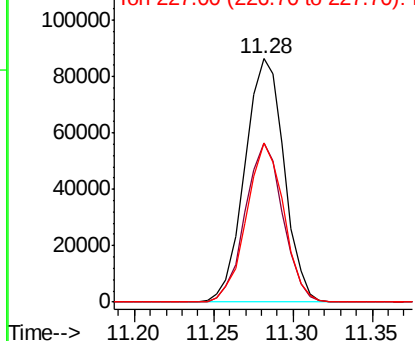


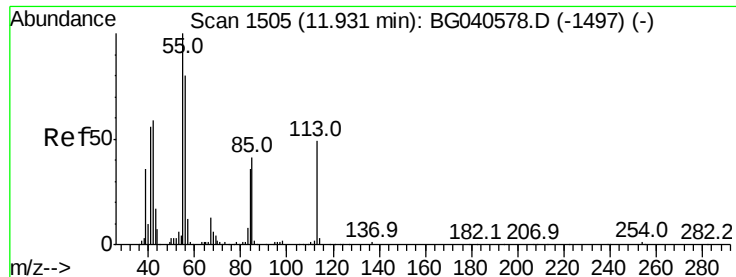
#34
Hexachlorobutadiene
Concen: 44.062 ng
RT: 11.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:	225	Resp:	148153
Ion	Ratio	Lower	Upper
225	100		
223	65.4	52.3	78.5
227	65.4	52.3	78.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.343 ng

RT: 11.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

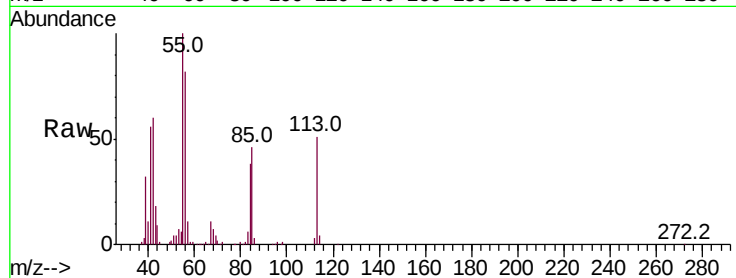
Tot Ion:113 Resp: 65416

Ion Ratio Lower Upper

113 100

55 197.7 177.7 217.7

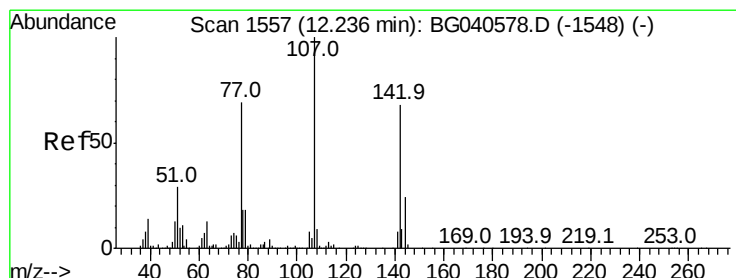
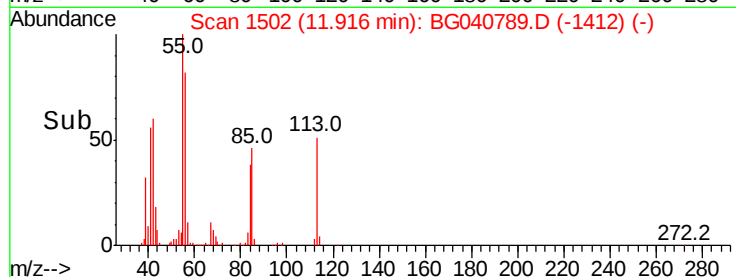
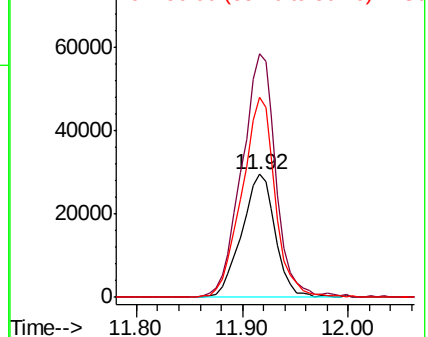
56 162.5 142.5 182.5



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: 42.356 ng

RT: 12.22 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

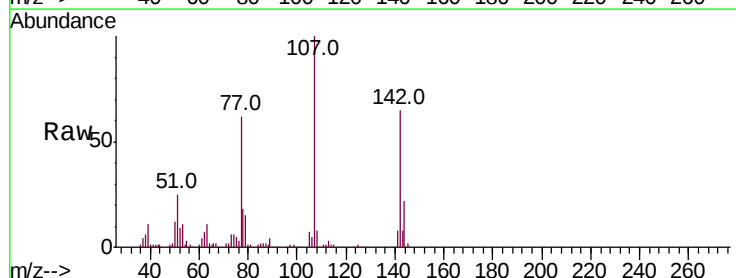
Tgt Ion:107 Resp: 219450

Ion Ratio Lower Upper

107 100

144 22.4 17.9 26.9

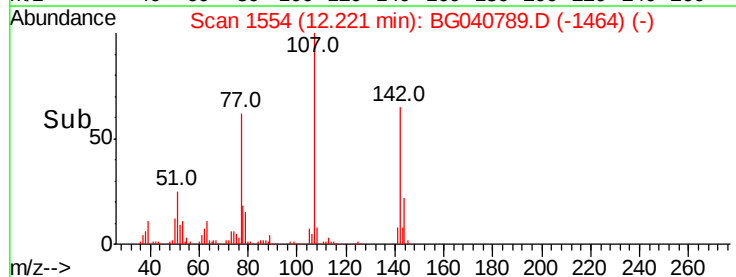
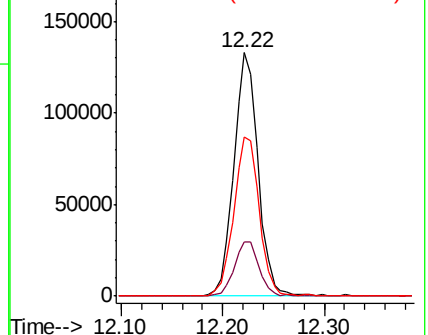
142 65.2 52.2 78.2

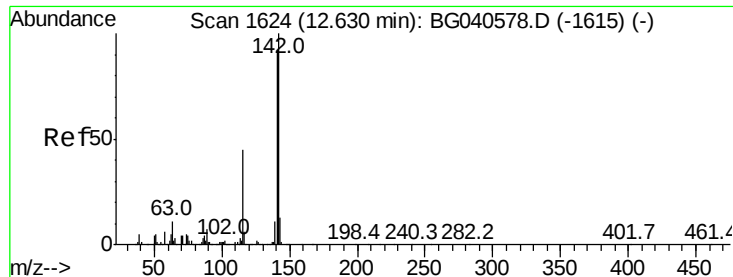


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

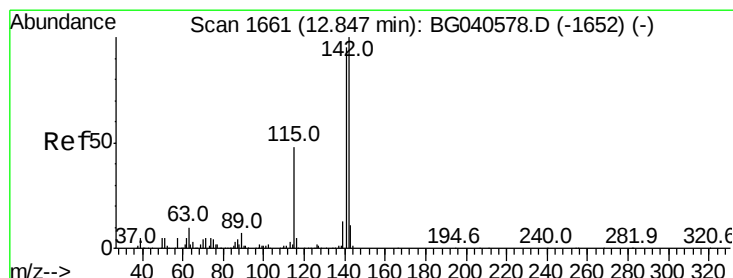
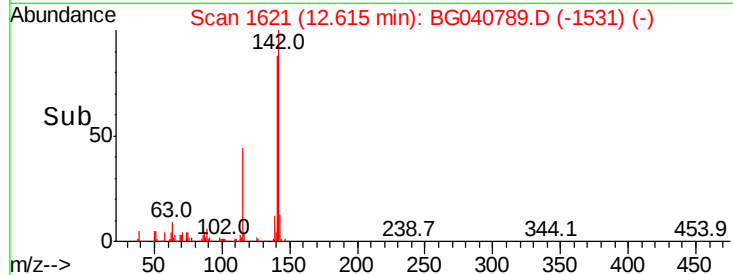
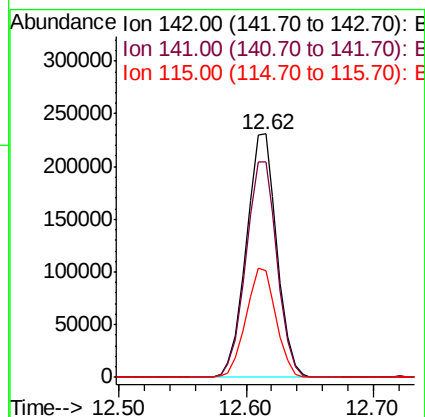
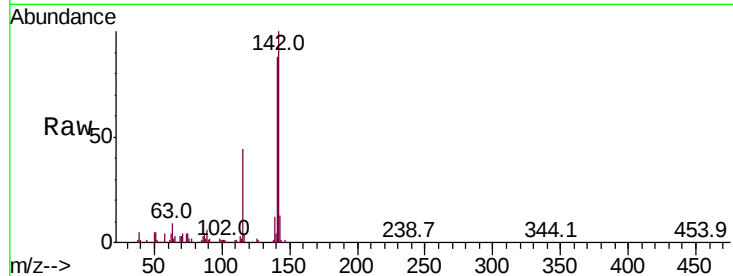




#37
2-Methylnaphthalene
Concen: 41.859 ng
RT: 12.62 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

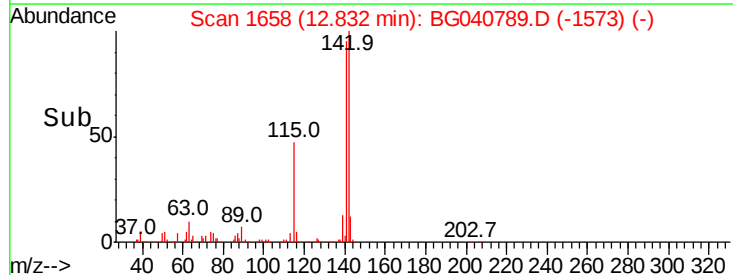
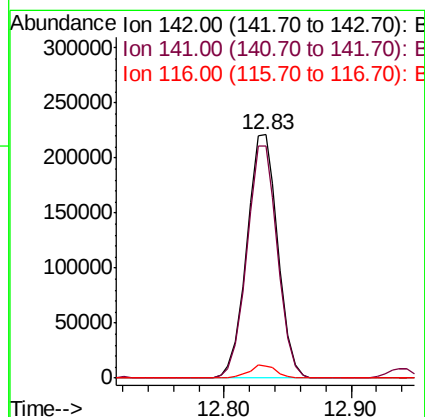
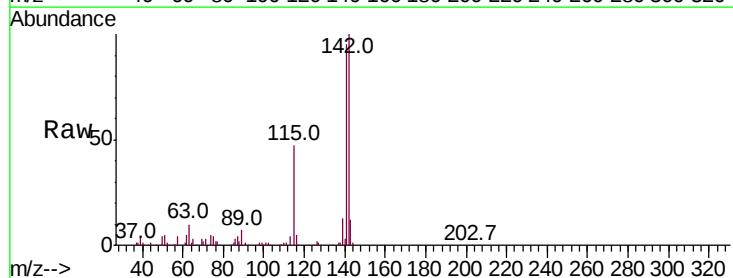
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

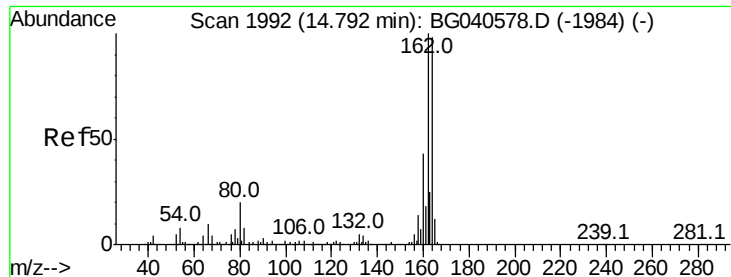
Tot Ion:142 Resp: 386773
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0
115 43.8 35.0 52.6



#38
1-Methylnaphthalene
Concen: 41.371 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:142 Resp: 373647
Ion Ratio Lower Upper
142 100
141 95.2 76.2 114.2
116 5.1 4.1 6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

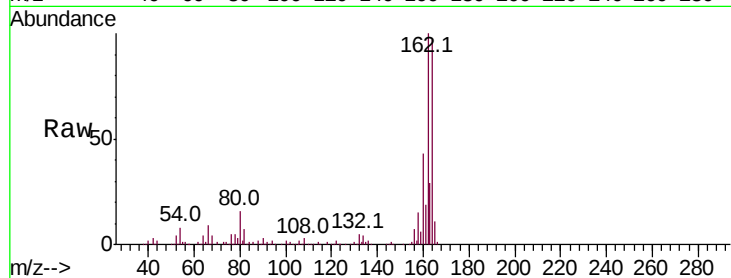
Tot Ion:164 Resp: 172487

Ion Ratio Lower Upper

164 100

162 103.3 82.6 124.0

160 44.8 35.8 53.8

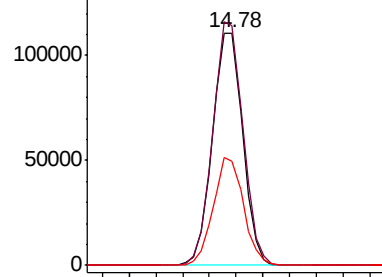


Abundance

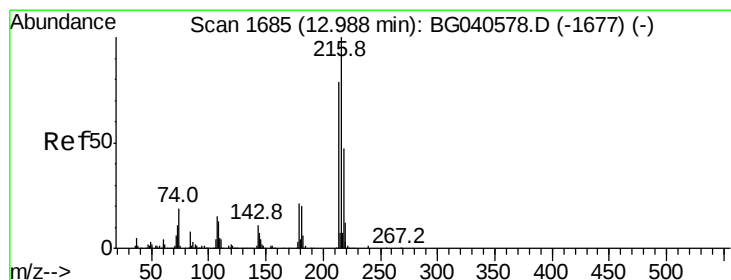
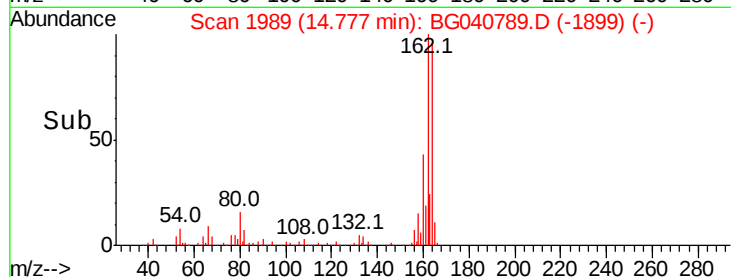
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.174 ng

RT: 12.97 min Scan# 1681

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:216 Resp: 270993

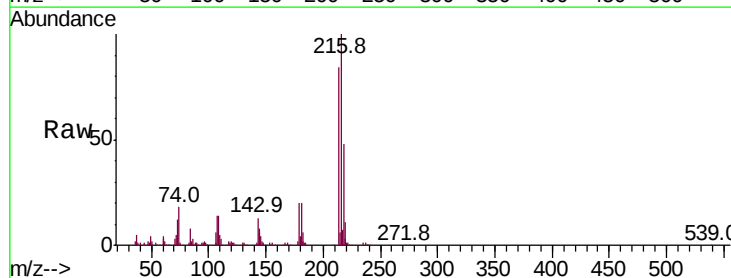
Ion Ratio Lower Upper

216 100

214 81.8 65.4 98.2

179 19.3 15.4 23.2

108 14.8 11.8 17.8



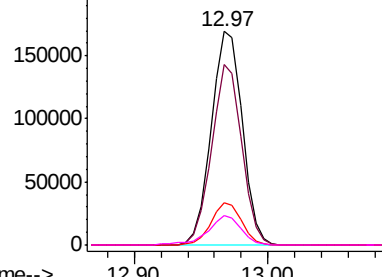
Abundance

Ion 216.00 (215.70 to 216.70): E

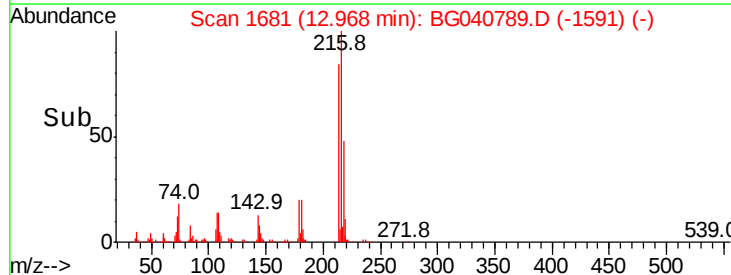
Ion 214.00 (213.70 to 214.70): E

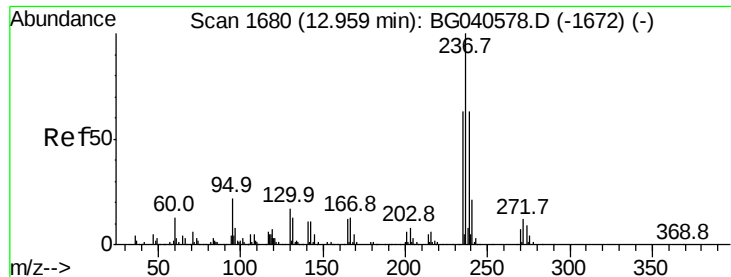
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

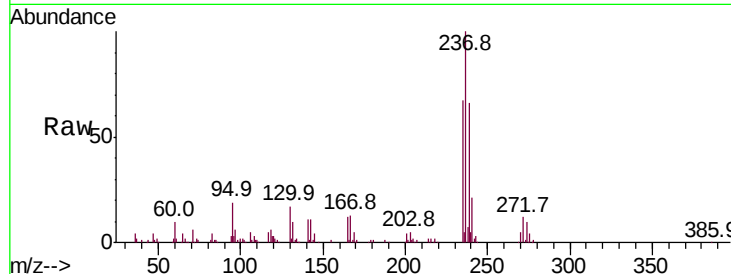




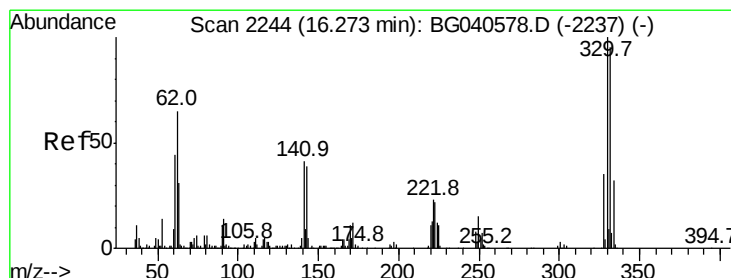
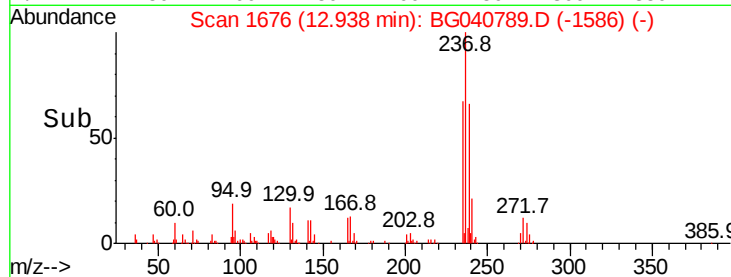
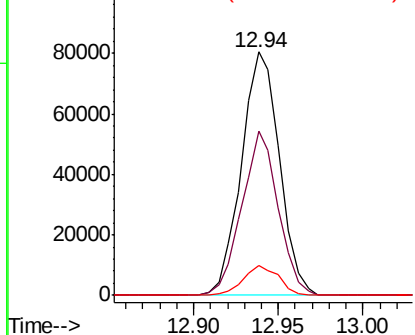
#41
Hexachlorocyclopentadiene
Concen: 33.133 ng
RT: 12.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	67.4	47.4	87.4
272	12.2	0.0	32.2

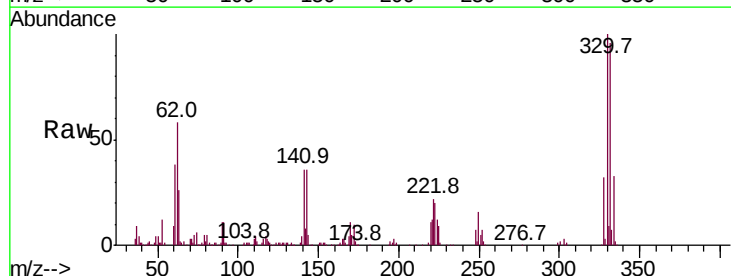


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

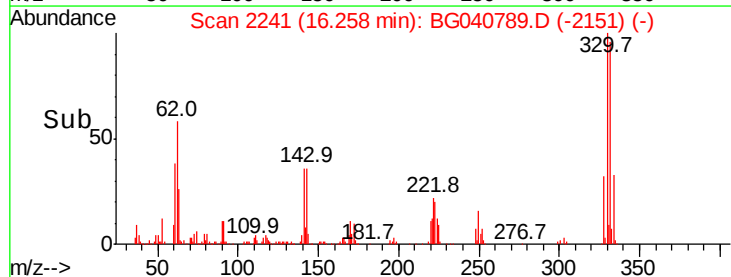
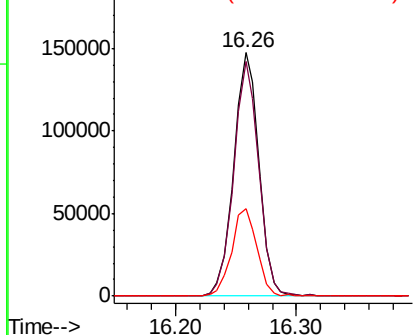


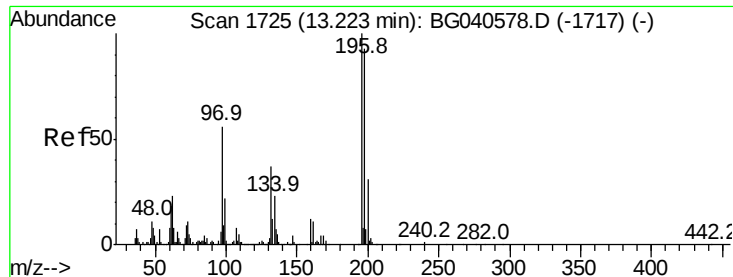
#42
2,4,6-Tribromophenol
Concen: 90.645 ng
RT: 16.26 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	36.0	28.8	43.2



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

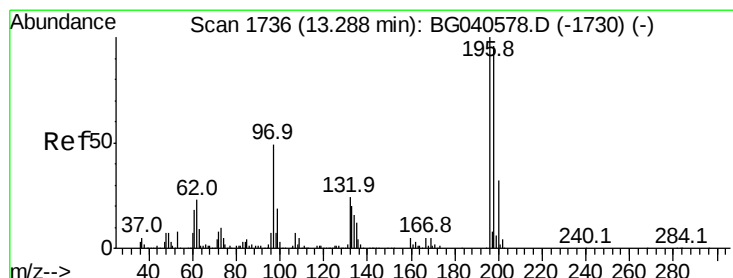
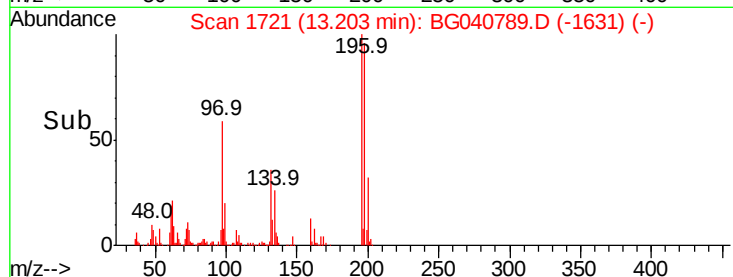
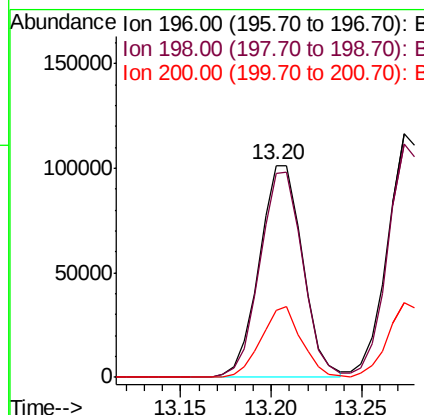
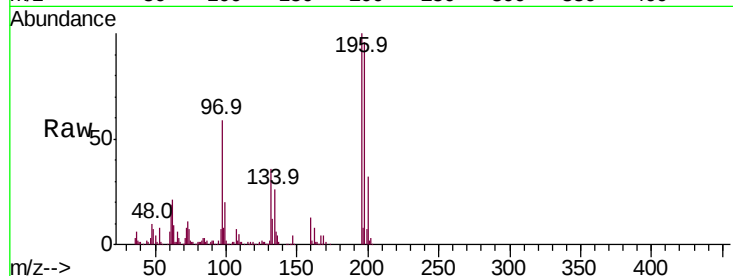




#43
 2,4,6-Trichlorophenol
 Concen: 43.246 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

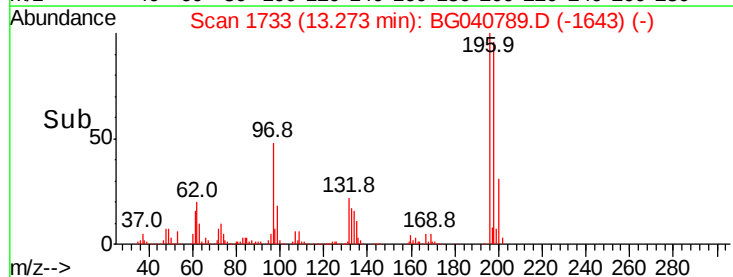
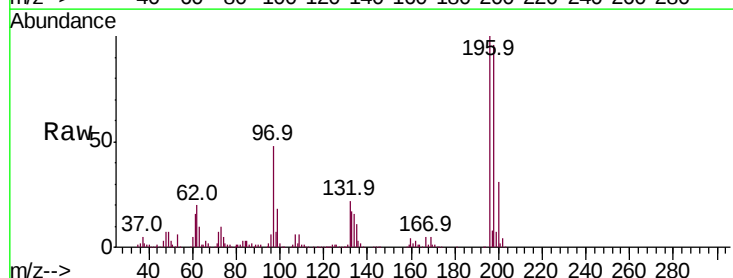
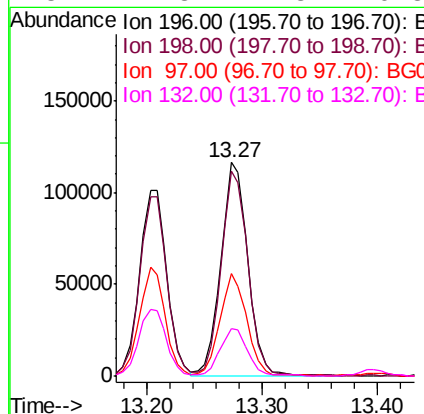
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

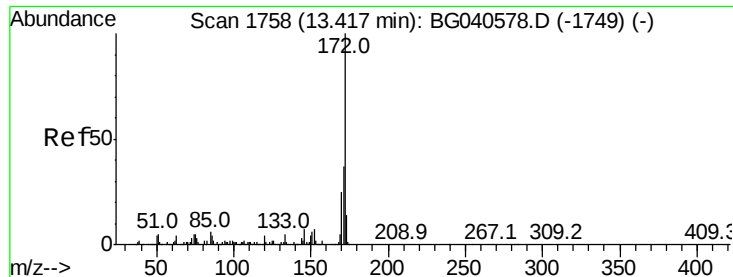
Tot Ion	196	Resp	167926
Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.1	115.7
200	31.7	25.4	38.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.157 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion	196	Resp	186782
Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.7	115.1
97	48.2	38.6	57.8
132	22.3	17.8	26.8





#45

2-Fluorobiphenyl

Concen: 80.995 ng

RT: 13.40 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

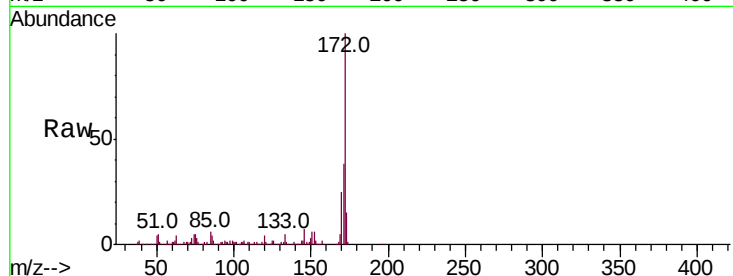
Tot Ion:172 Resp: 967353

Ion Ratio Lower Upper

172 100

171 38.0 30.4 45.6

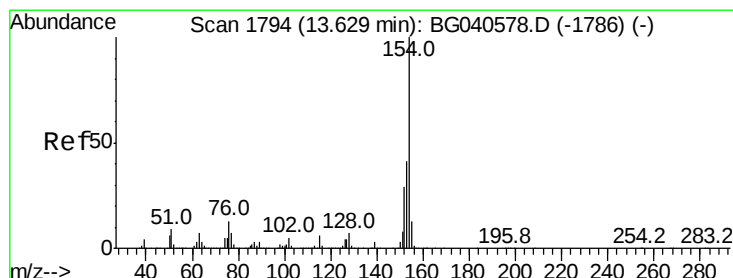
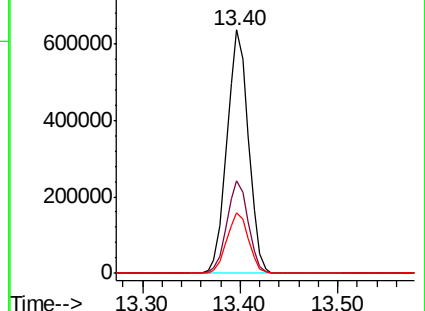
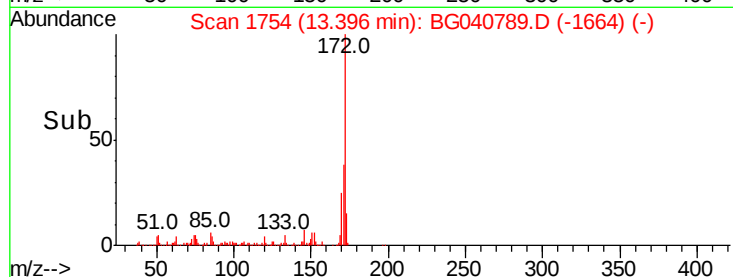
170 25.1 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.557 ng

RT: 13.61 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

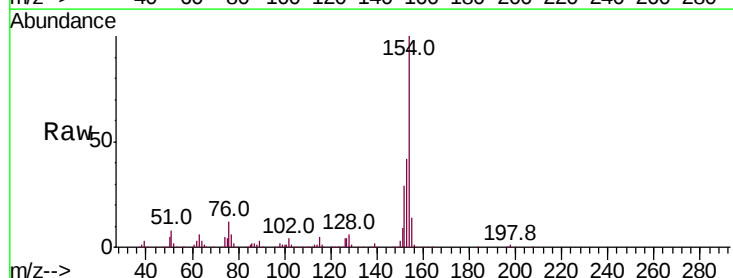
Tgt Ion:154 Resp: 529746

Ion Ratio Lower Upper

154 100

153 42.3 22.3 62.3

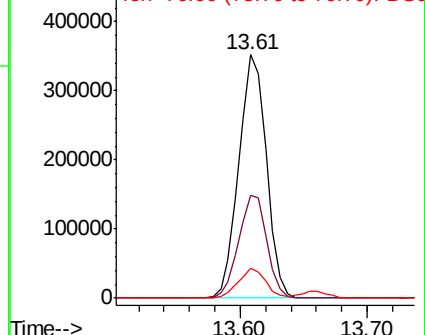
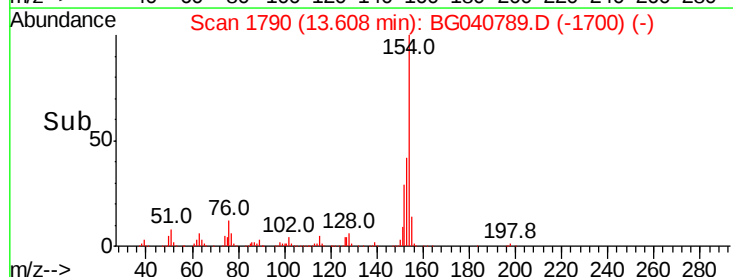
76 12.0 0.0 32.0

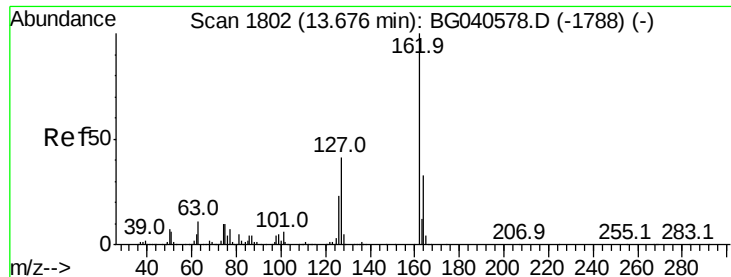


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





#47

2-Chloronaphthalene

Concen: 40.135 ng

RT: 13.65 min Scan# 1798

Delta R.T. 0.00 min

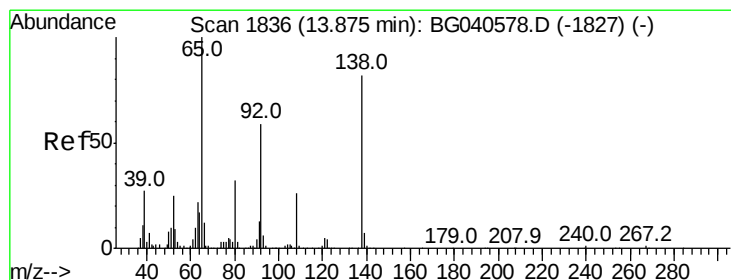
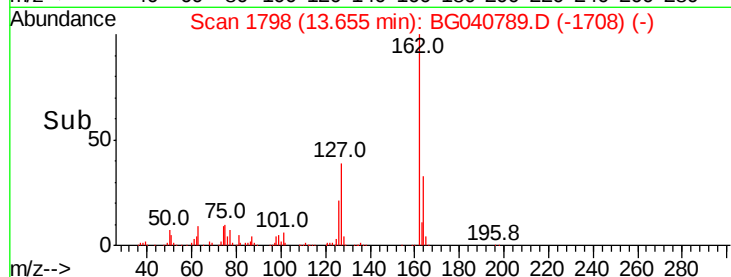
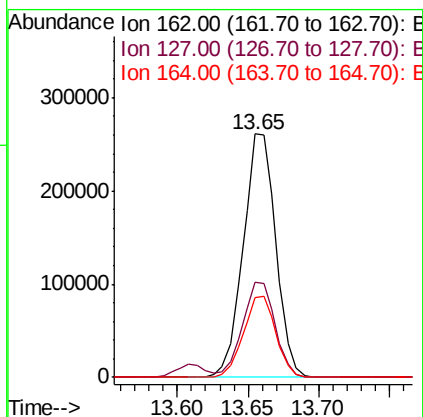
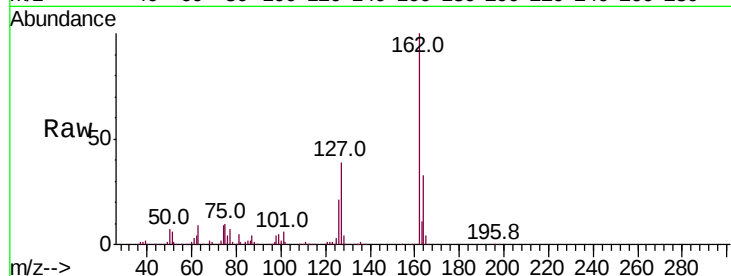
Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 420634

Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.0	46.6
164	32.9	26.3	39.5



#48

2-Nitroaniline

Concen: 45.367 ng

RT: 13.86 min Scan# 1833

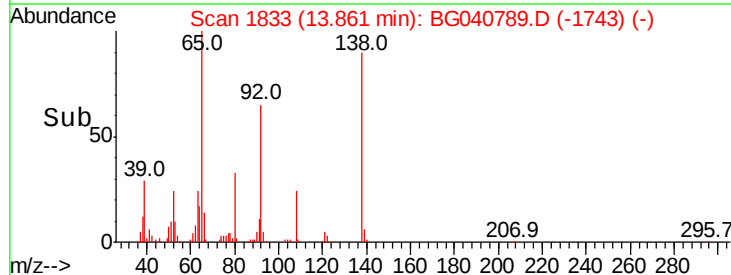
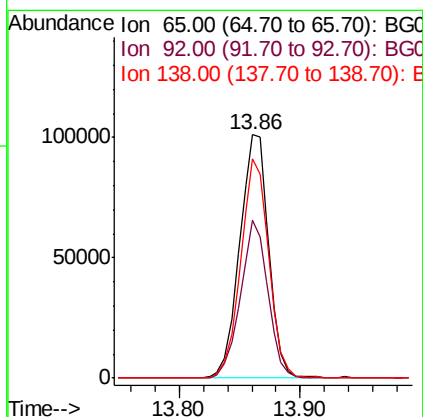
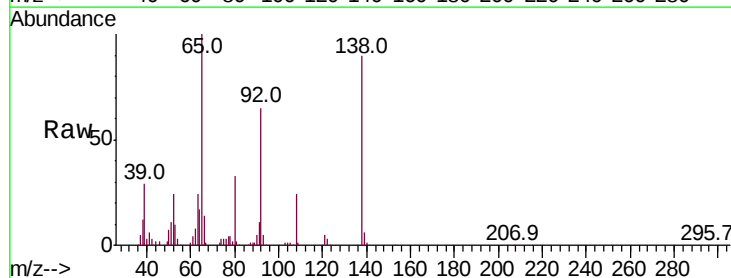
Delta R.T. 0.00 min

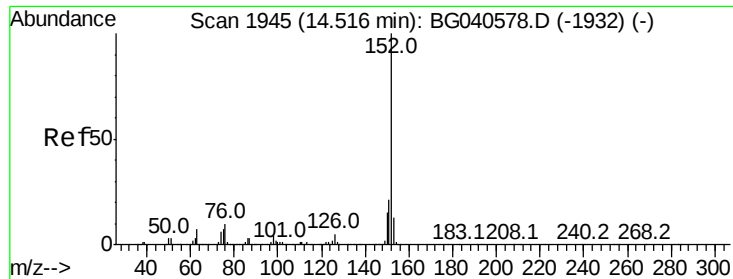
Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion: 65 Resp: 169249

Ion	Ratio	Lower	Upper
65	100		
92	64.9	51.9	77.9
138	90.0	72.0	108.0





#49

Acenaphthylene

Concen: 38.965 ng

RT: 14.50 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

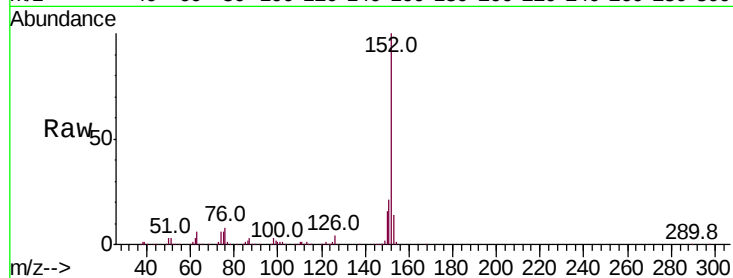
Tot Ion:152 Resp: 692844

Ion Ratio Lower Upper

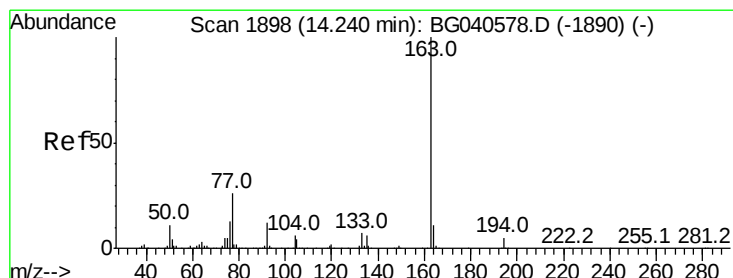
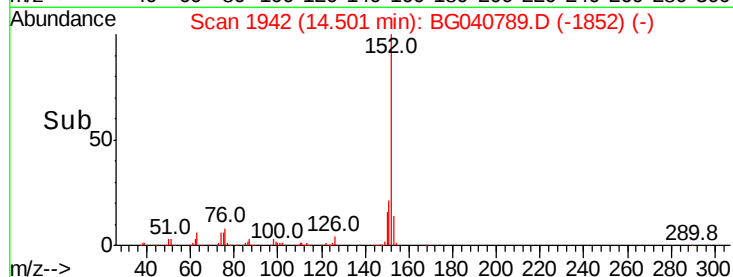
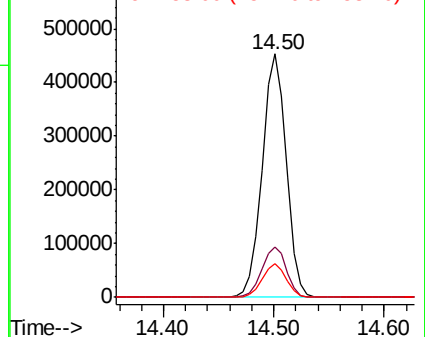
152 100

151 20.6 16.5 24.7

153 14.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.962 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

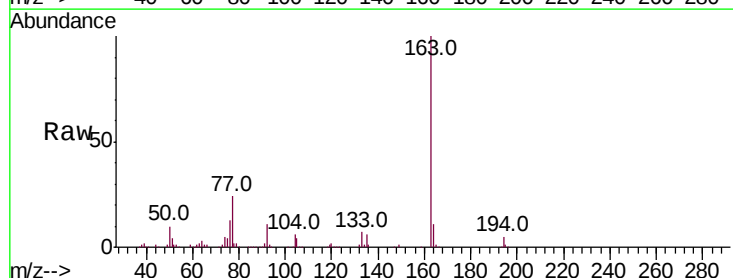
Tgt Ion:163 Resp: 576713

Ion Ratio Lower Upper

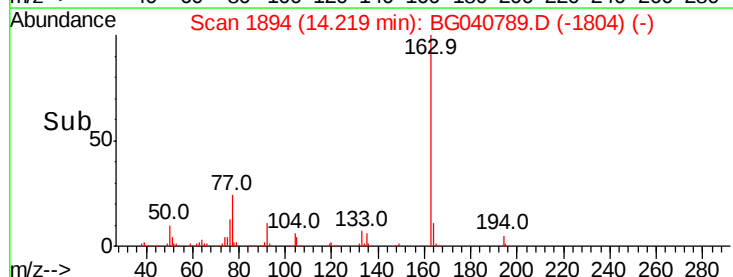
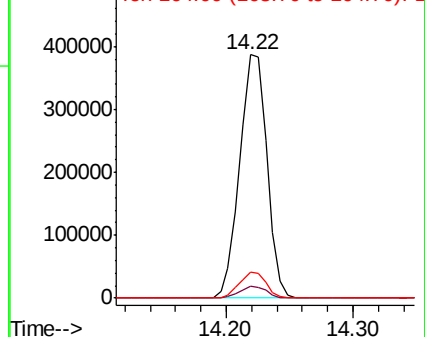
163 100

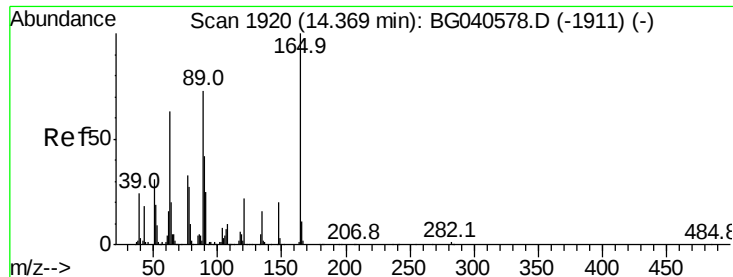
194 4.8 3.8 5.8

164 10.9 8.7 13.1



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: 45.153 ng

RT: 14.35 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

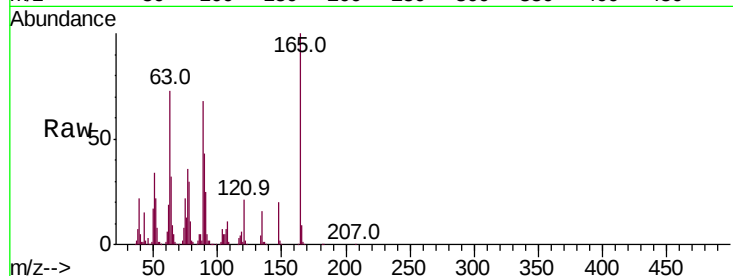
Tot Ion:165 Resp: 127179

Ion Ratio Lower Upper

165 100

63 72.8 58.2 87.4

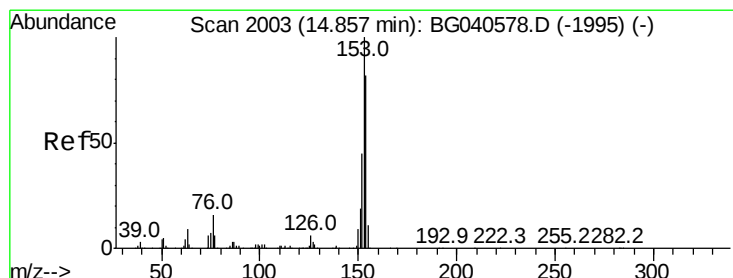
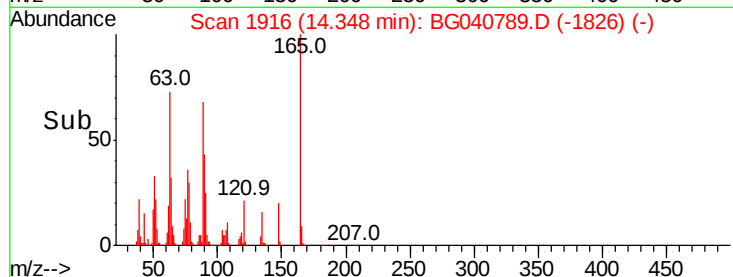
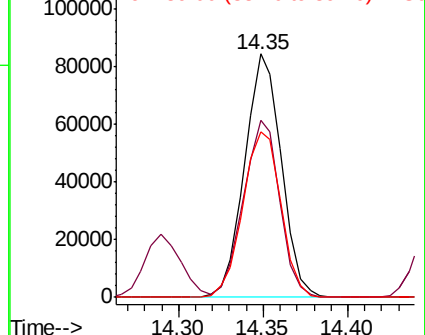
89 68.3 54.6 82.0



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: 39.051 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

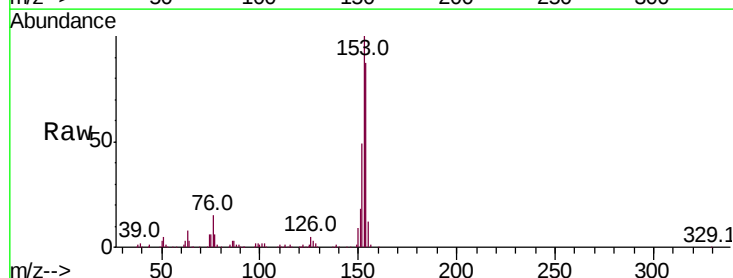
Tgt Ion:154 Resp: 404386

Ion Ratio Lower Upper

154 100

153 115.1 92.1 138.1

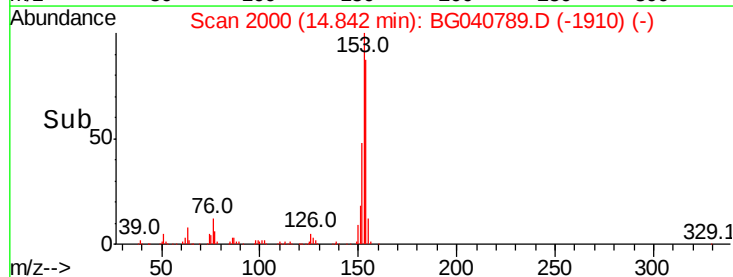
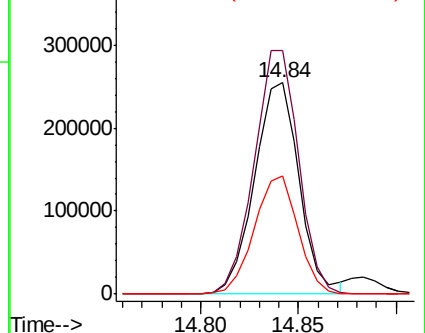
152 55.9 44.7 67.1

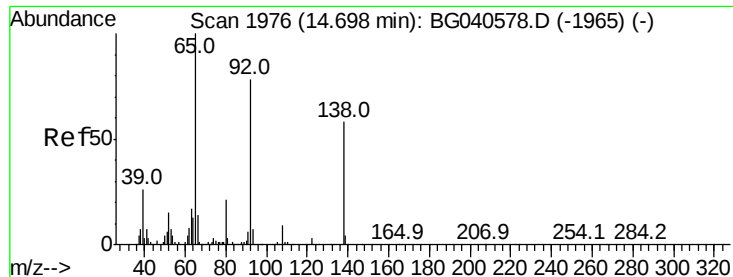


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

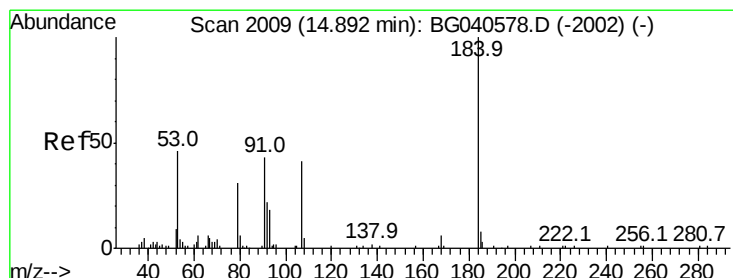
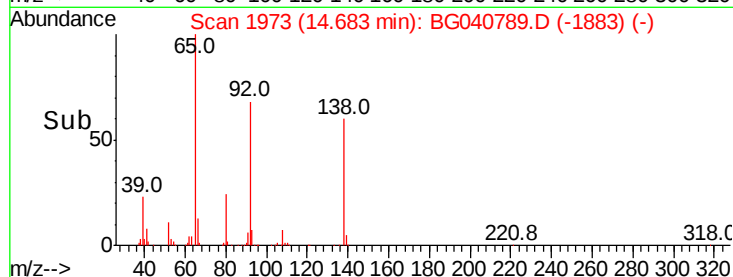
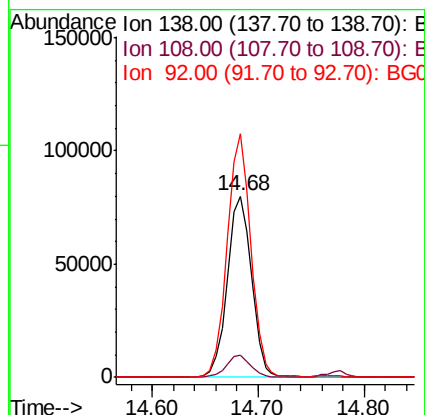
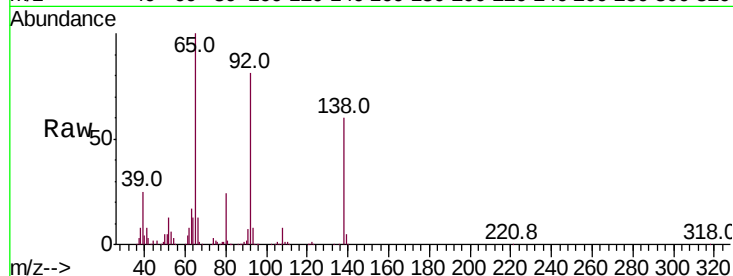




#53
3-Nitroaniline
Concen: 43.910 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

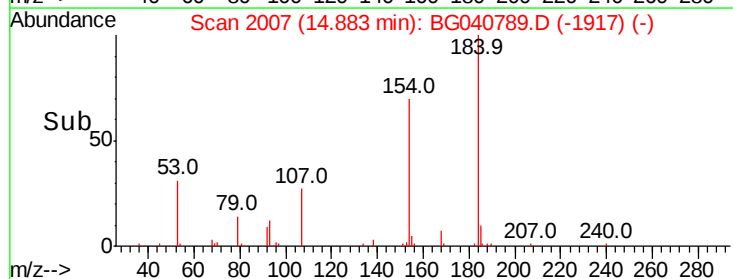
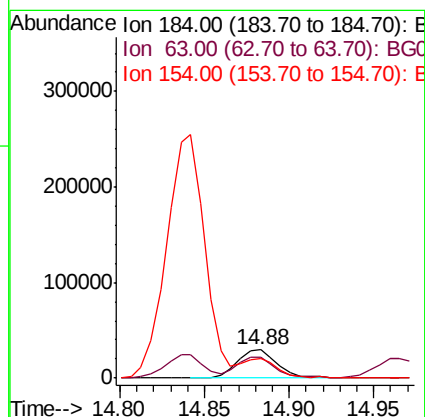
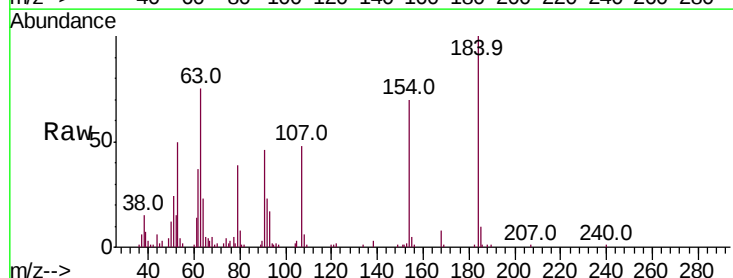
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

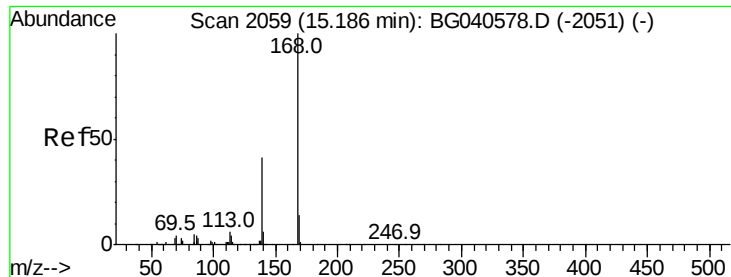
Tot Ion:138 Resp: 126721
Ion Ratio Lower Upper
138 100
108 12.6 10.1 15.1
92 134.2 107.4 161.0



#54
2,4-Dinitrophenol
Concen: 35.150 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:184 Resp: 48989
Ion Ratio Lower Upper
184 100
63 75.0 60.0 90.0
154 69.7 55.8 83.6





#55

Dibenzofuran

Concen: 41.071 ng

RT: 15.17 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

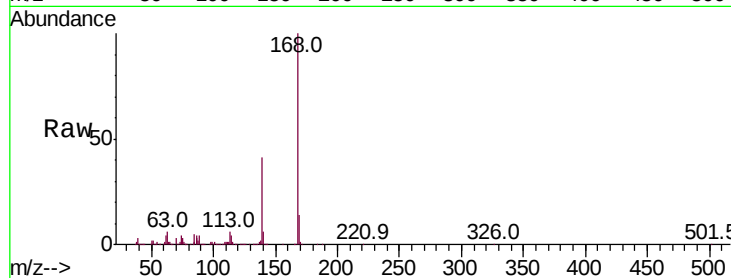
Tot Ion:168 Resp: 696609

Ion Ratio Lower Upper

168 100

139 40.7 32.6 48.8

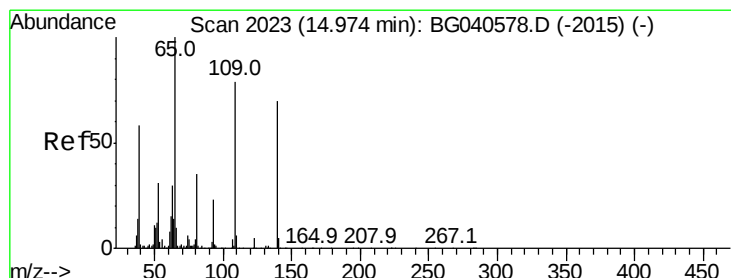
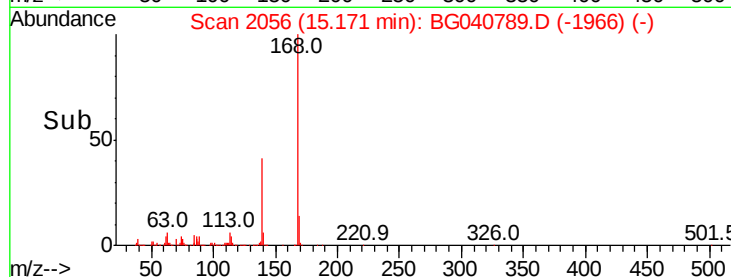
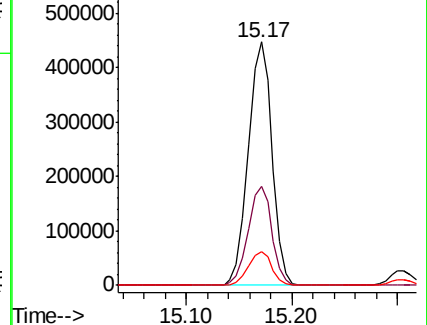
169 13.9 11.1 16.7



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: 36.525 ng

RT: 14.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

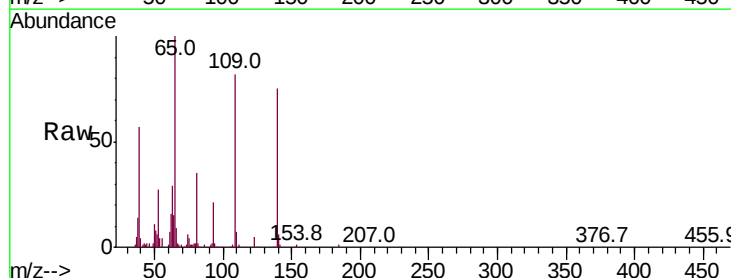
Tgt Ion:139 Resp: 91401

Ion Ratio Lower Upper

139 100

109 108.5 88.5 128.5

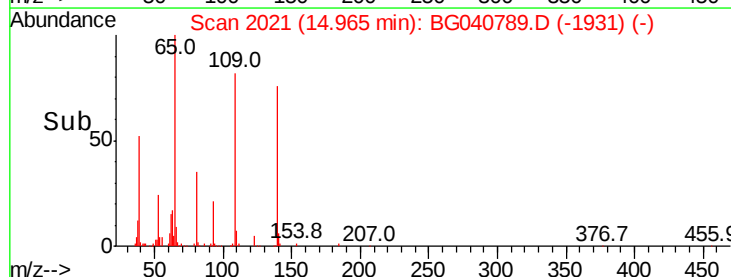
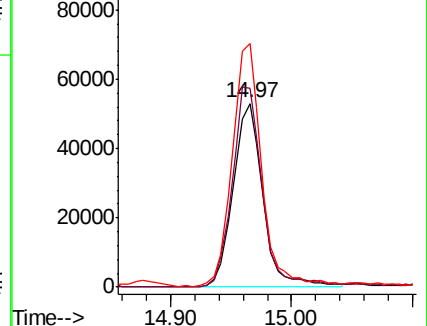
65 132.6 112.6 152.6

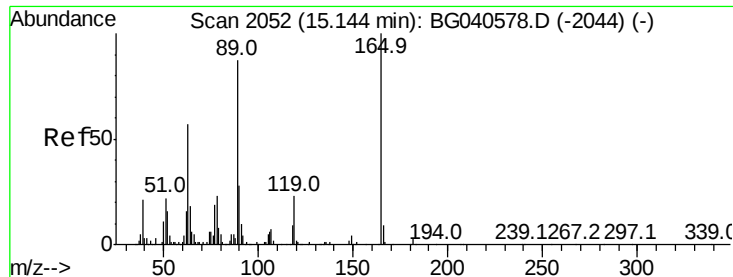


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

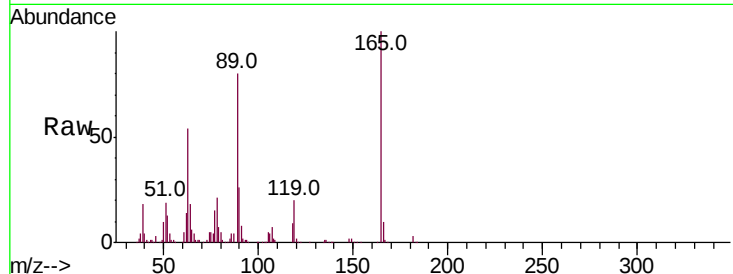




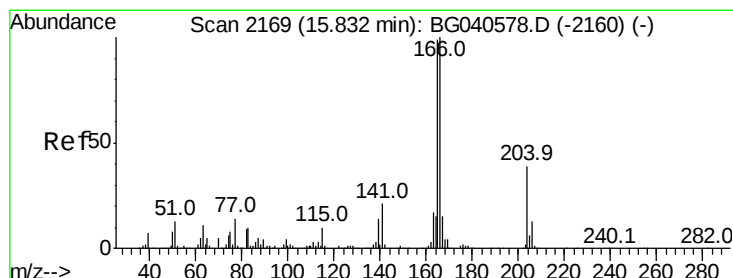
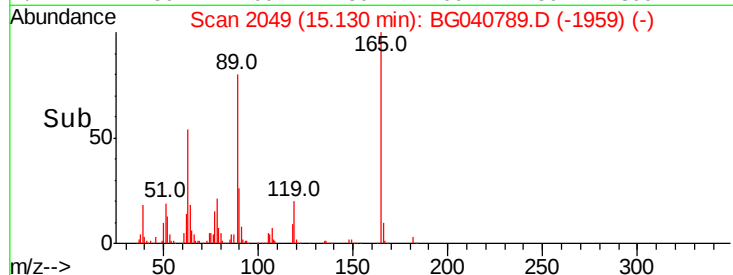
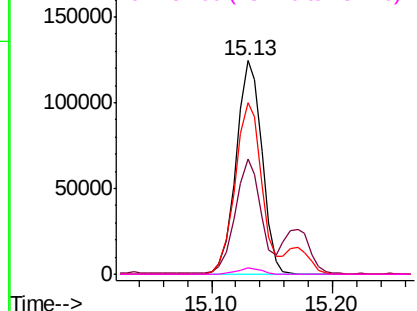
#57
2,4-Dinitrotoluene
Concen: 48.486 ng
RT: 15.13 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 185571
Ion Ratio Lower Upper
165 100
63 54.0 43.2 64.8
89 80.1 64.1 96.1
182 2.8 2.2 3.4

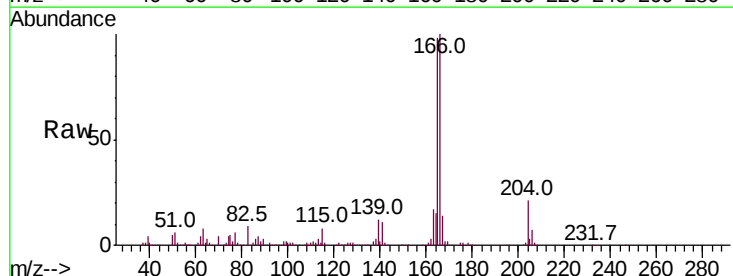


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

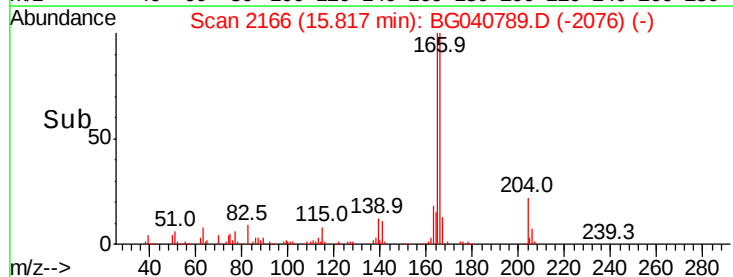
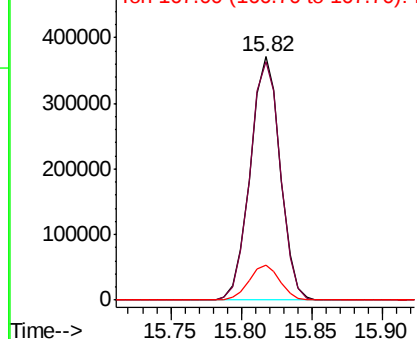


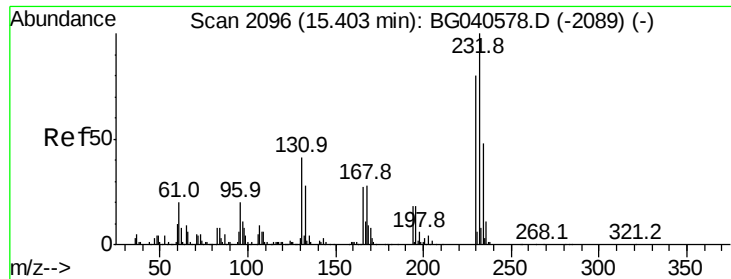
#58
Fluorene
Concen: 40.232 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:166 Resp: 551538
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.4
167 14.4 11.5 17.3



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

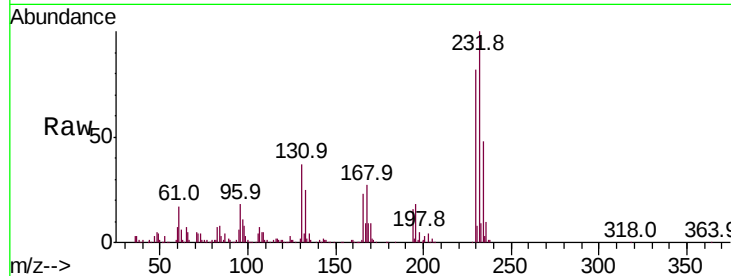




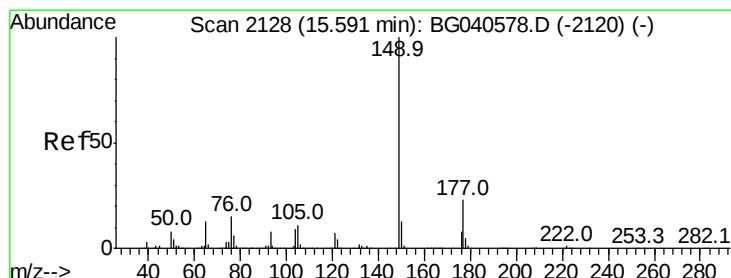
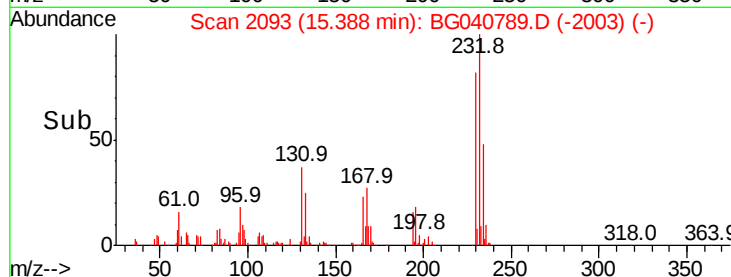
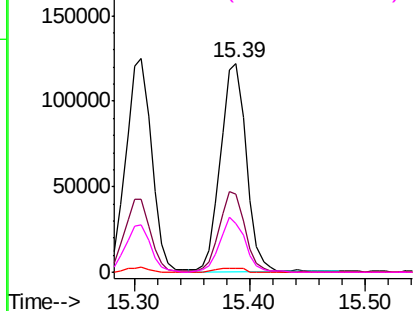
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.576 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	189784
Ion	Ratio	Lower	Upper
232	100		
131	37.8	30.2	45.4
130	2.1	1.7	2.5
166	25.8	20.6	31.0

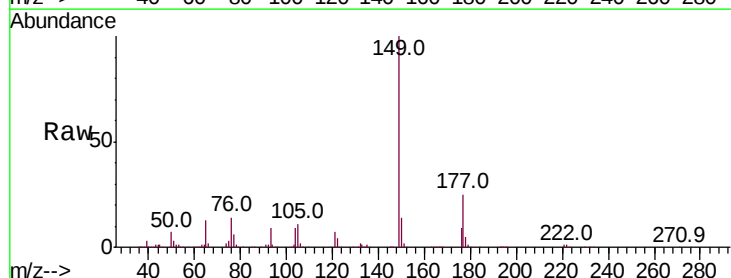


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

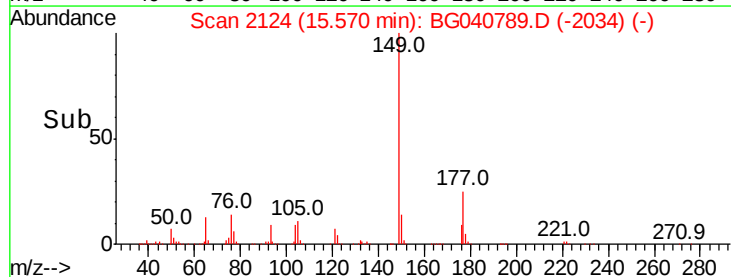
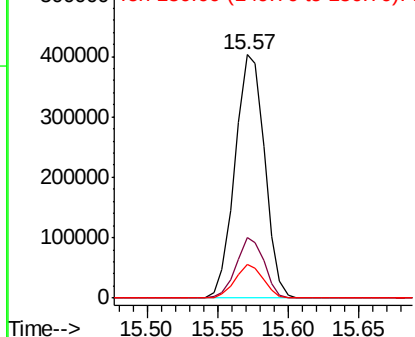


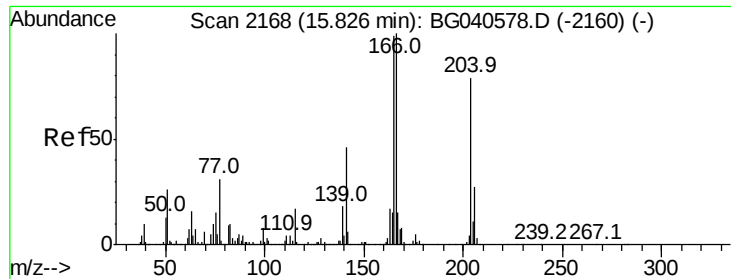
#60
 Diethylphthalate
 Concen: 38.726 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion:	149	Resp:	589668
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.7	29.5
150	14.0	11.2	16.8



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

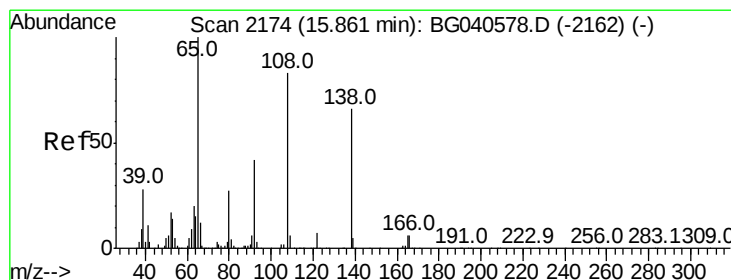
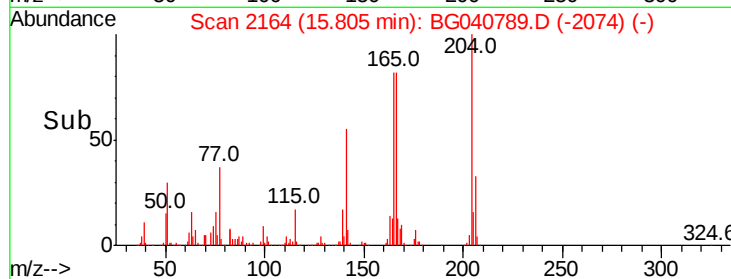
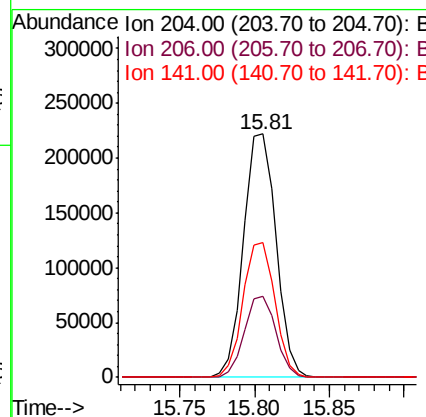
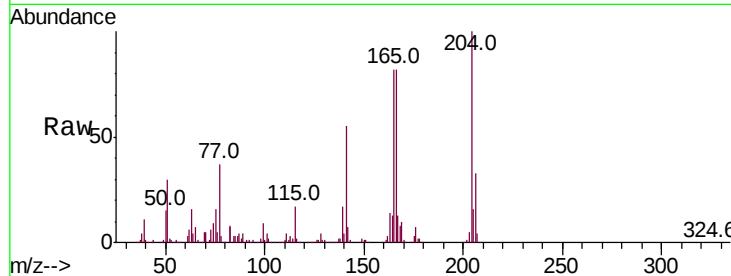




#61
4-Chlorophenyl-phenylether
Concen: 42.130 ng
RT: 15.81 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

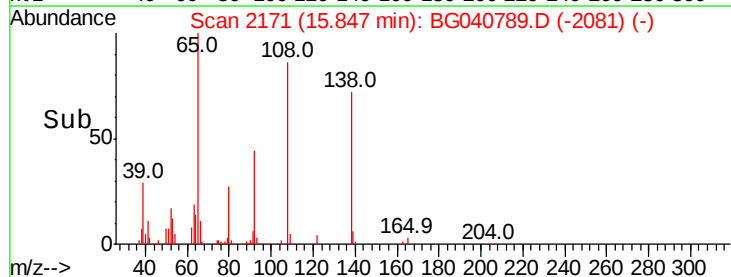
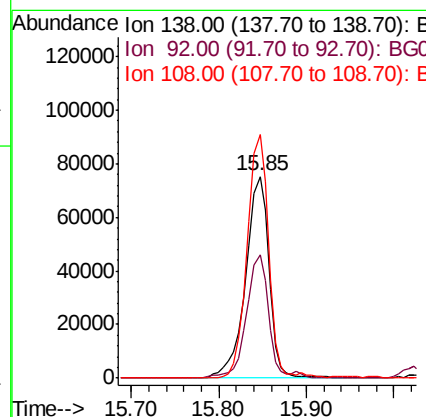
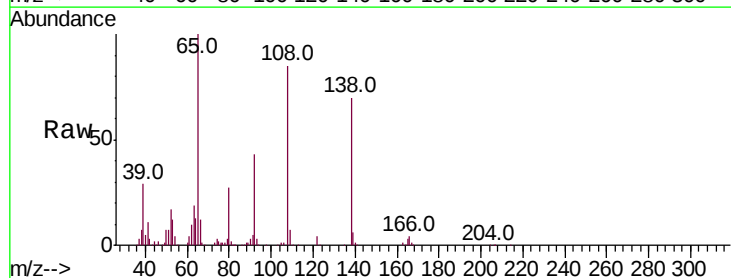
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

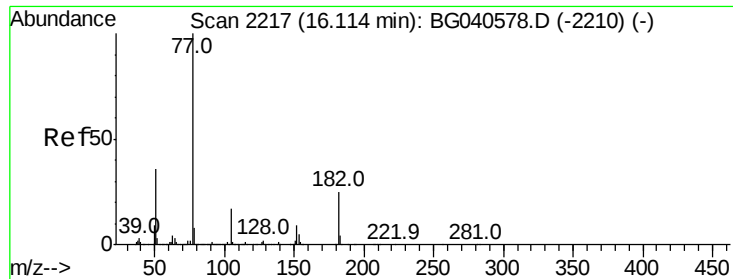
Tot Ion:204 Resp: 335911
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 55.4 44.3 66.5



#62
4-Nitroaniline
Concen: 41.915 ng
RT: 15.85 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:138 Resp: 135314
Ion Ratio Lower Upper
138 100
92 61.0 41.0 81.0
108 120.9 100.9 140.9

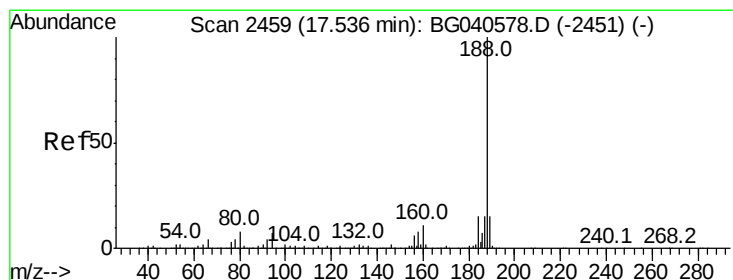
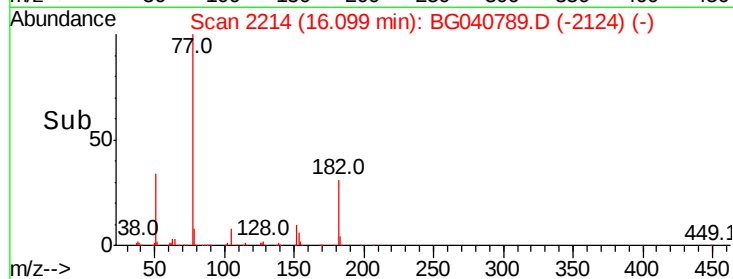
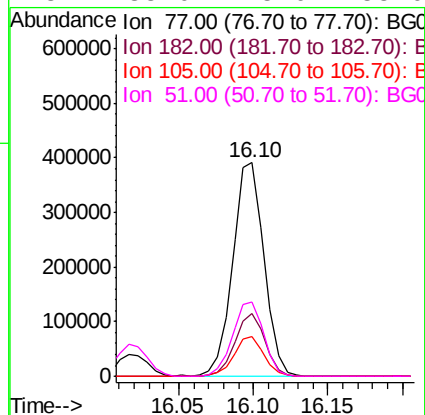
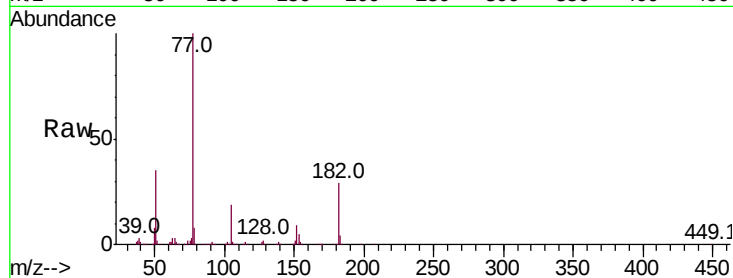




#63
Azobenzene
Concen: 36.345 ng
RT: 16.10 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

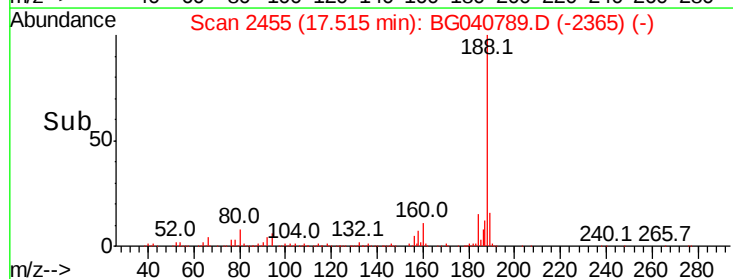
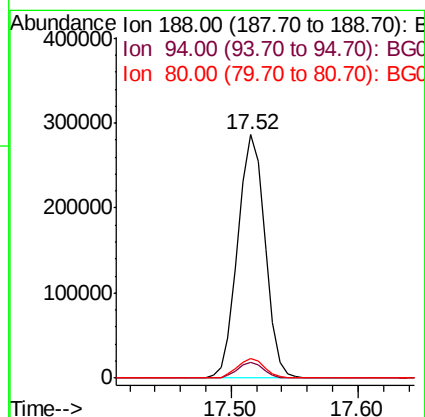
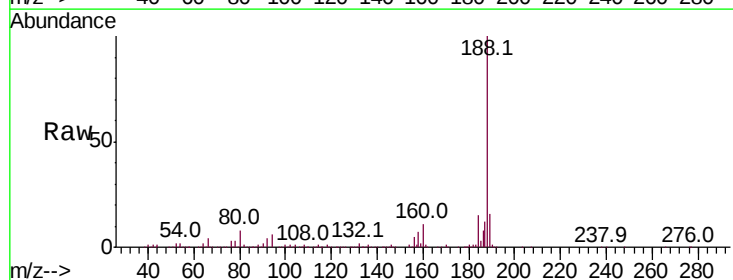
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

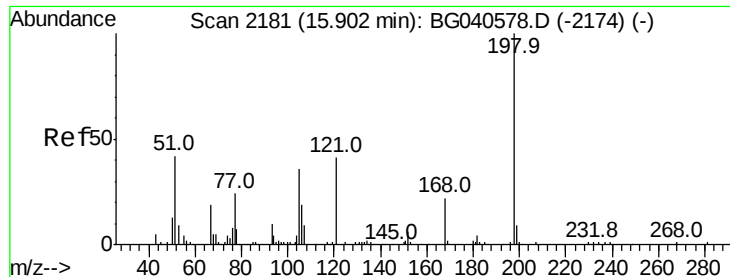
Tot Ion:	77	Resp:	569930
Ion	Ratio	Lower	Upper
77	100		
182	29.2	9.2	49.2
105	18.6	0.0	38.6
51	35.0	15.0	55.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:	188	Resp:	426902
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.6
80	8.1	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 41.905 ng

RT: 15.89 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

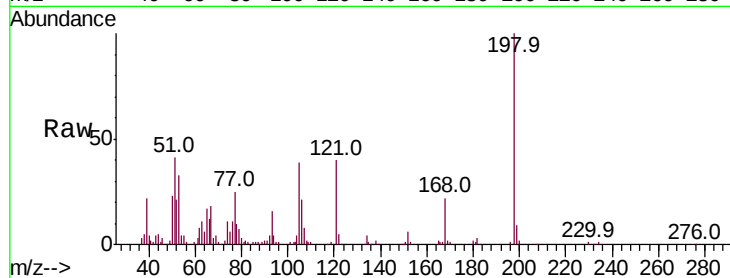
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 85920

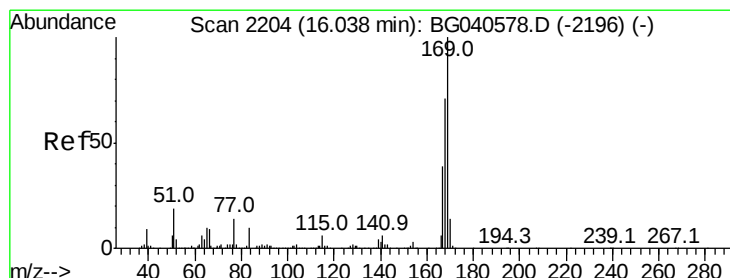
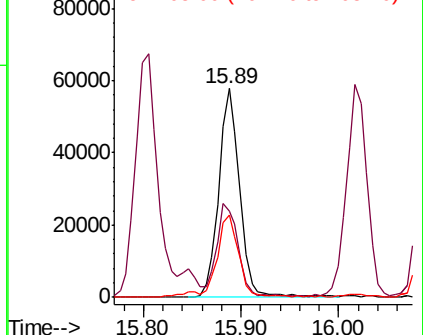
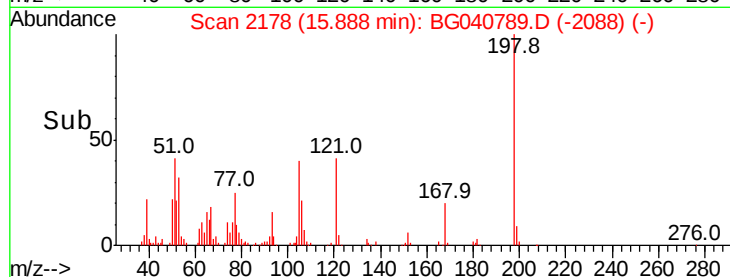
Ion	Ratio	Lower	Upper
198	100		
51	41.0	21.0	61.0
105	39.3	19.3	59.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.418 ng

RT: 16.02 min Scan# 2201

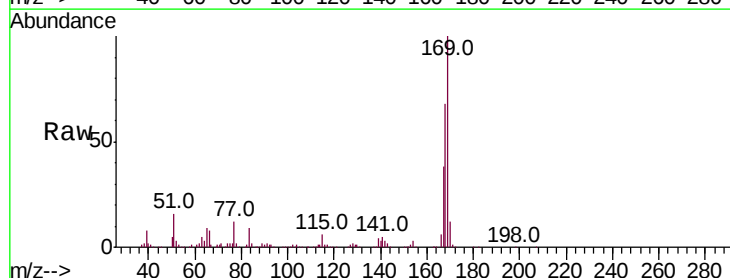
Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:169 Resp: 495087

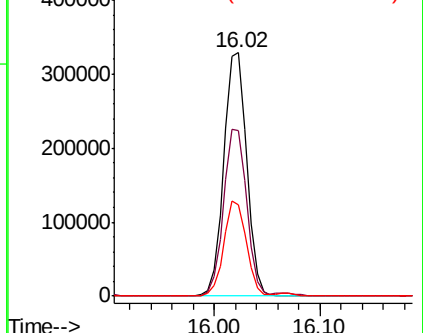
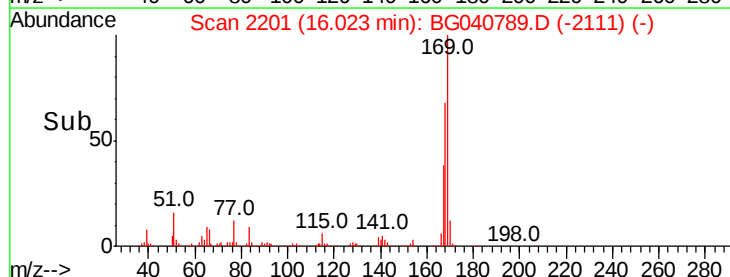
Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.5	81.7
167	37.7	30.2	45.2

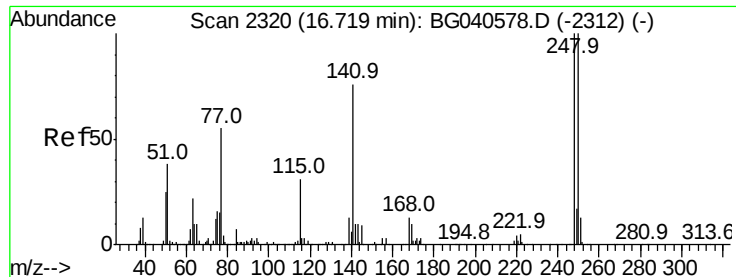


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

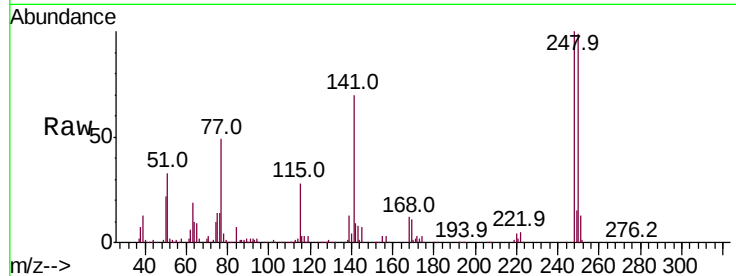




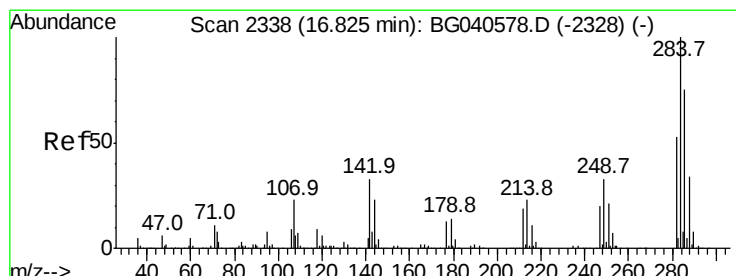
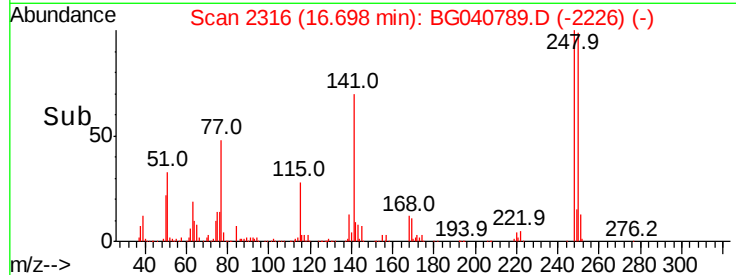
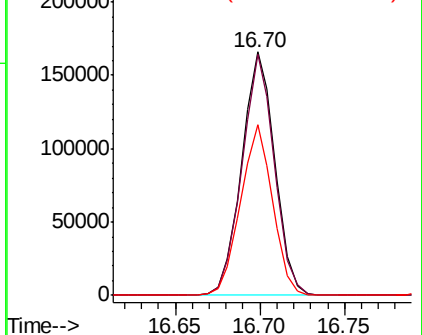
#67
4-Bromophenyl-phenylether
Concen: 42.545 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 226277
Ion Ratio Lower Upper
248 100
250 99.2 79.4 119.0
141 70.1 56.1 84.1

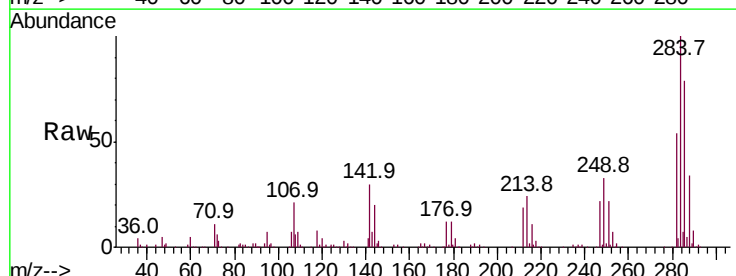


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

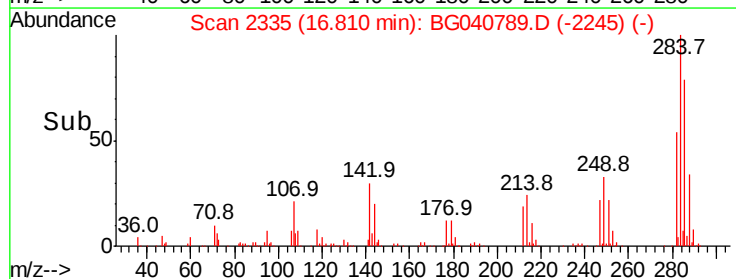
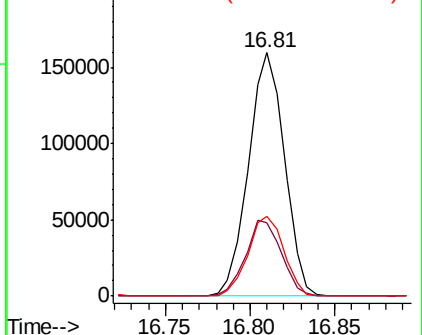


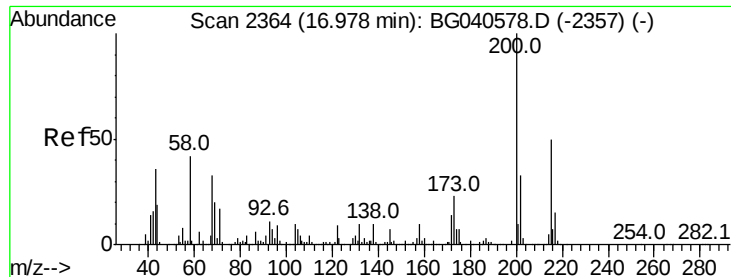
#68
Hexachlorobenzene
Concen: 43.020 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:284 Resp: 236586
Ion Ratio Lower Upper
284 100
142 30.1 24.1 36.1
249 32.7 26.2 39.2



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: 38.206 ng

RT: 16.96 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

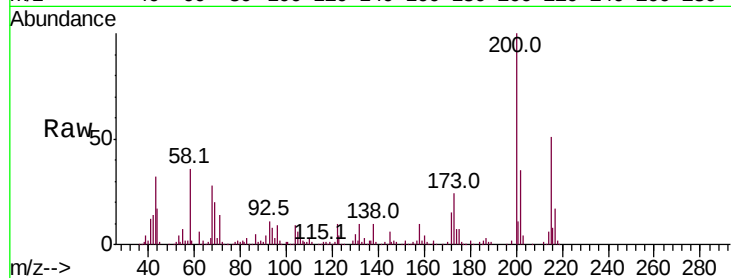
Tot Ion:200 Resp: 190120

Ion Ratio Lower Upper

200 100

173 24.3 4.3 44.3

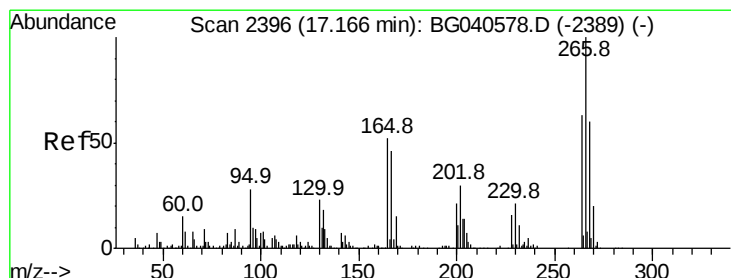
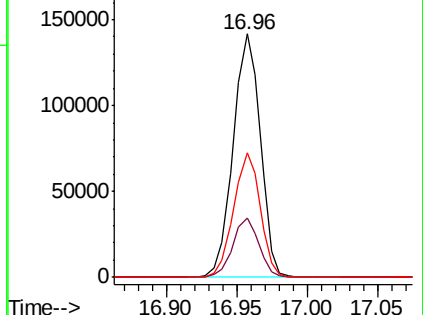
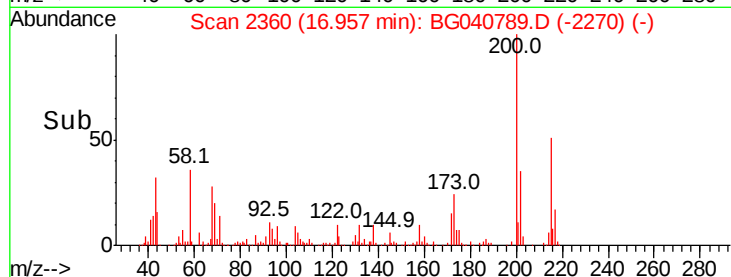
215 51.4 31.4 71.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.368 ng

RT: 17.15 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

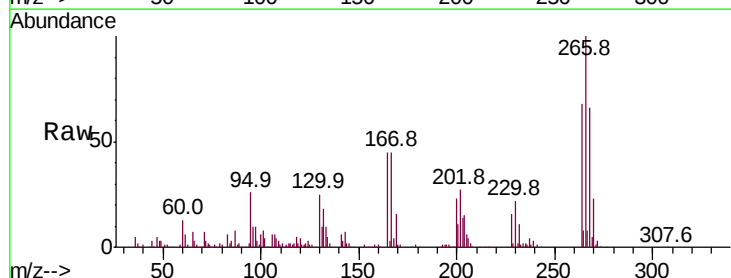
Tgt Ion:266 Resp: 129910

Ion Ratio Lower Upper

266 100

268 65.9 52.7 79.1

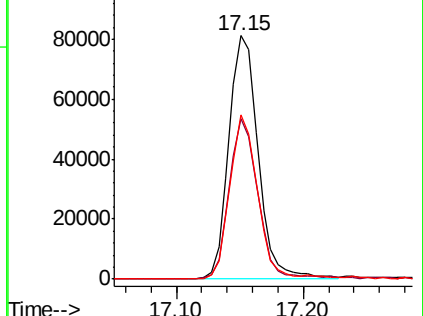
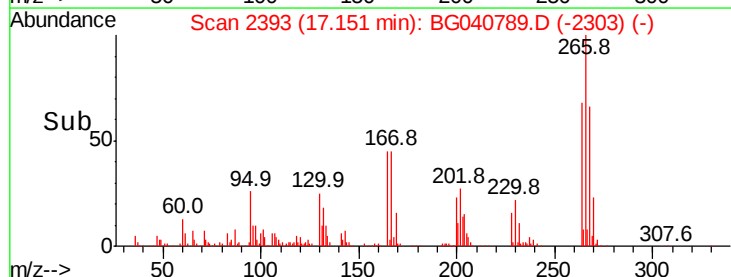
264 67.5 54.0 81.0

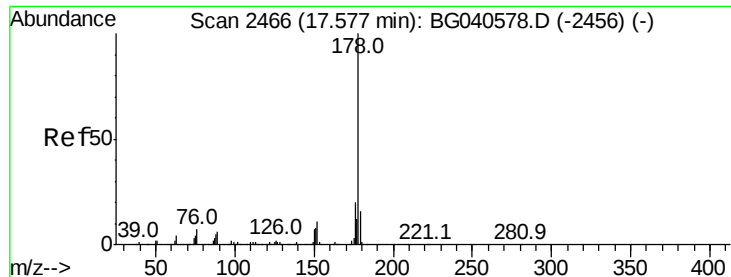


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.221 ng

RT: 17.56 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

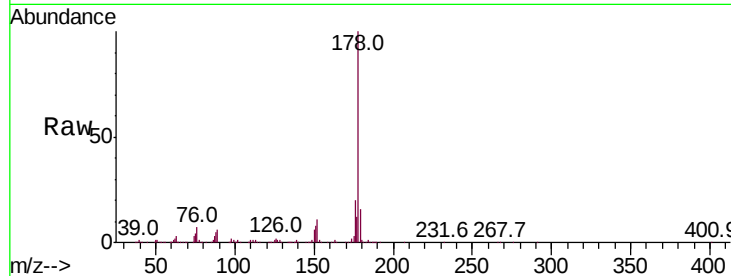
Tot Ion:178 Resp: 924848

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

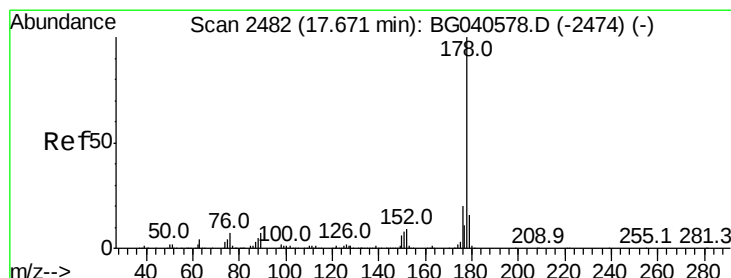
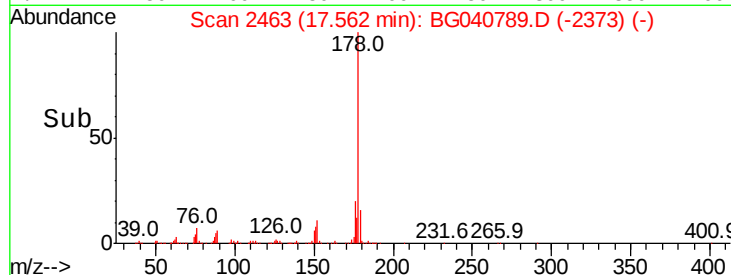
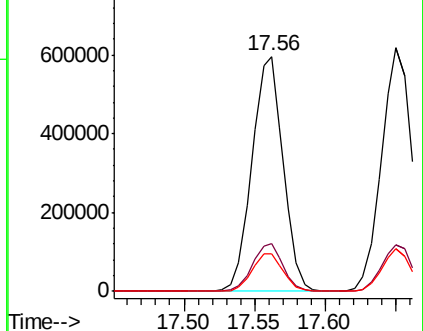
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.137 ng

RT: 17.65 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

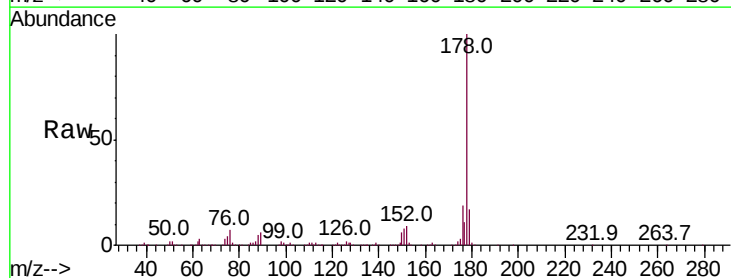
Tgt Ion:178 Resp: 927691

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

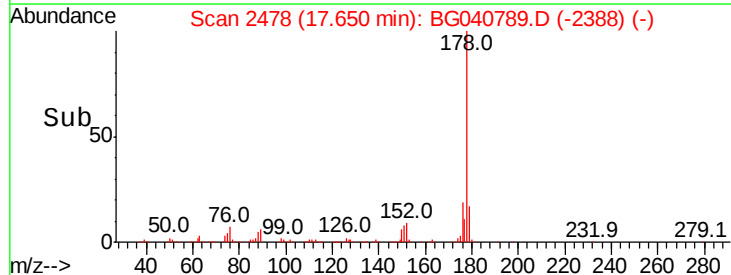
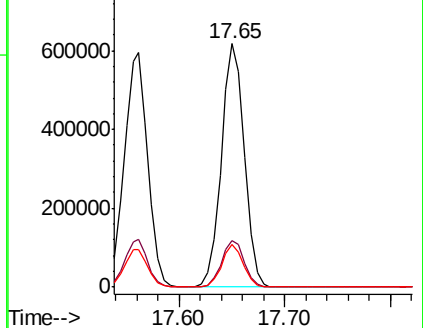
179 17.5 14.0 21.0

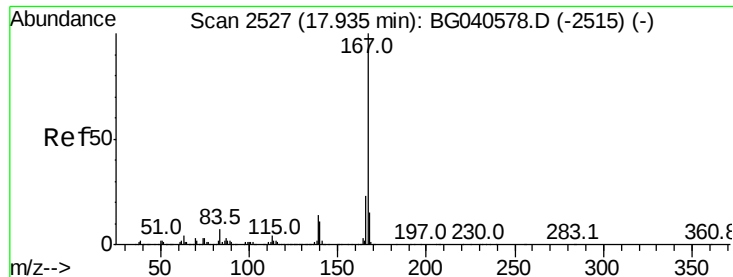


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.573 ng

RT: 17.92 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

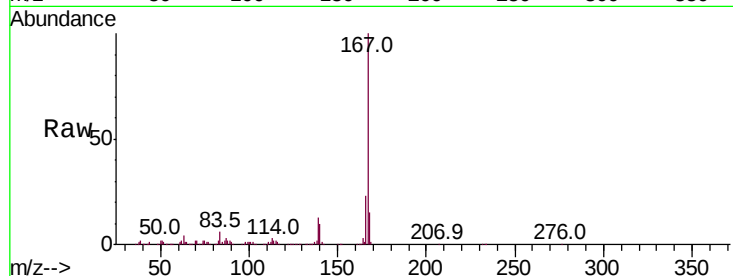
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 812250

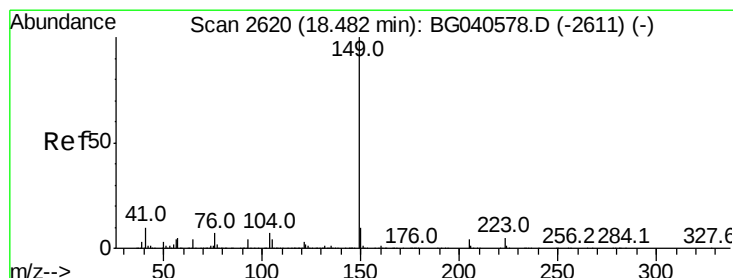
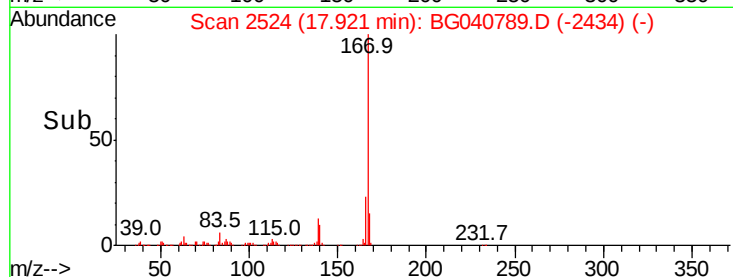
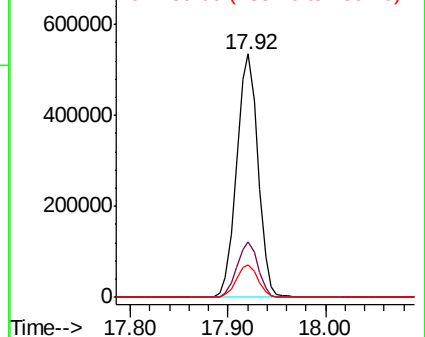
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	13.2	10.6	15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.079 ng

RT: 18.46 min Scan# 2615

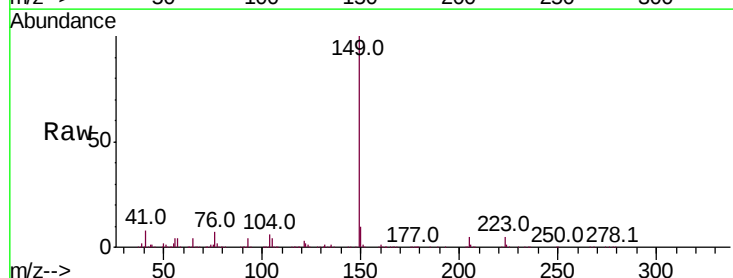
Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:149 Resp: 967834

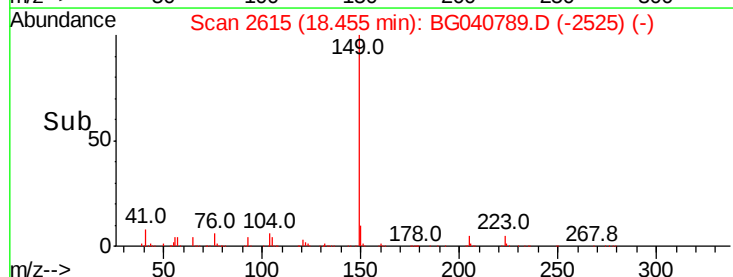
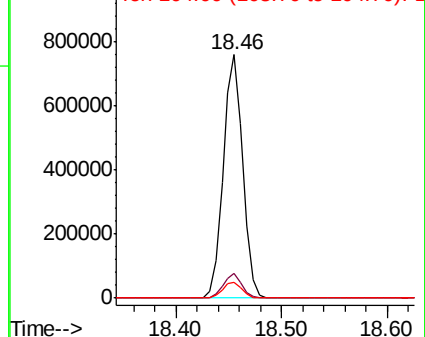
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	6.4	5.1	7.7

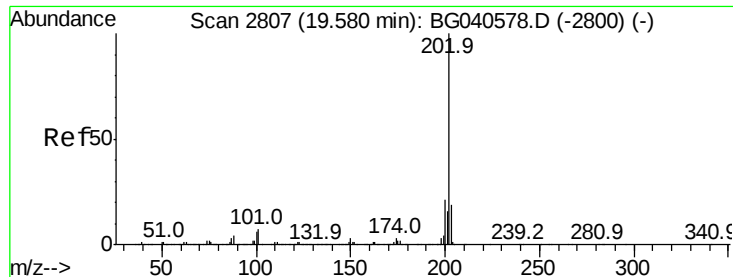


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.600 ng

RT: 19.56 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

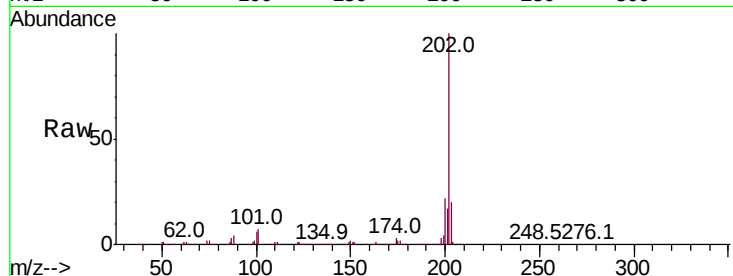
Tot Ion:202 Resp: 1163358

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.8

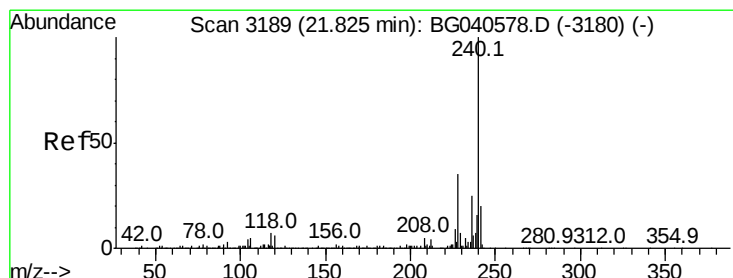
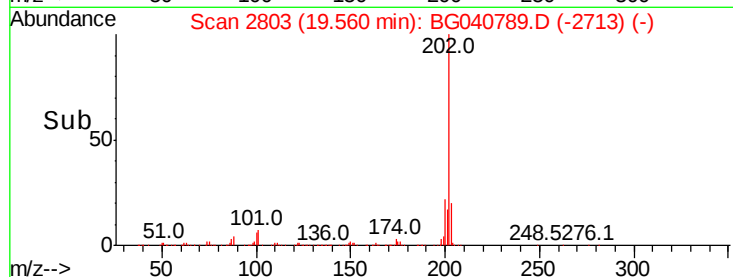
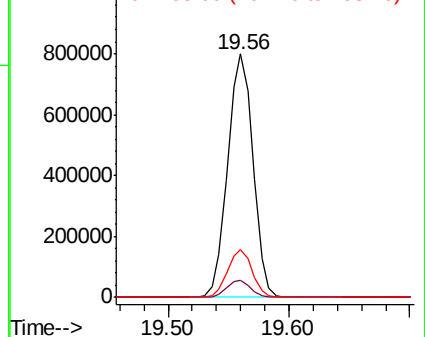
203 19.7 0.0 39.7



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: 21.80 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

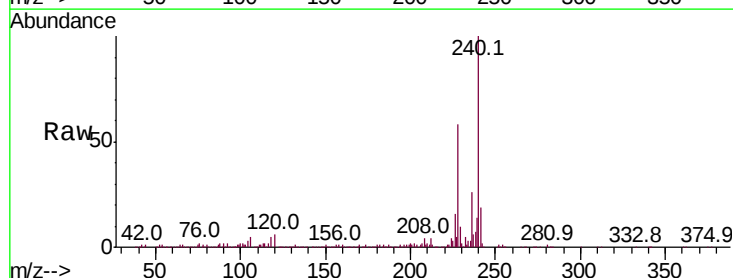
Tgt Ion:240 Resp: 469845

Ion Ratio Lower Upper

240 100

120 5.6 4.5 6.7

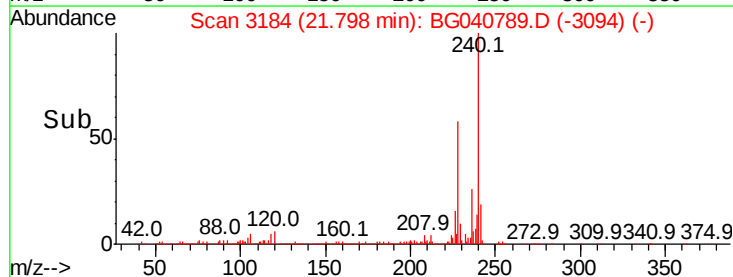
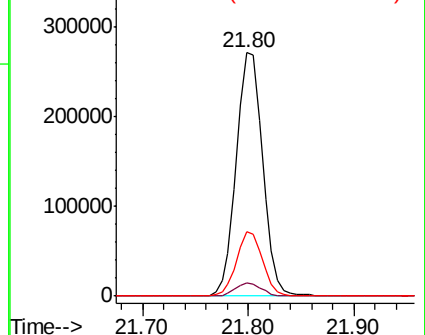
236 26.5 21.2 31.8

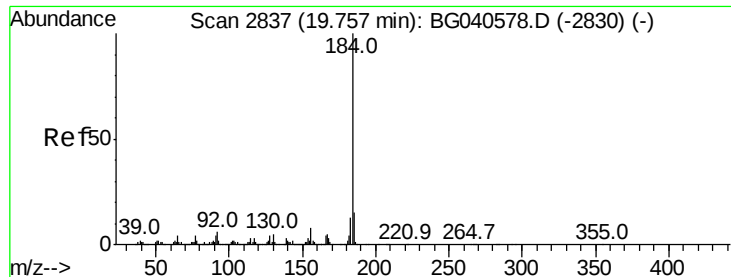


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.663 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

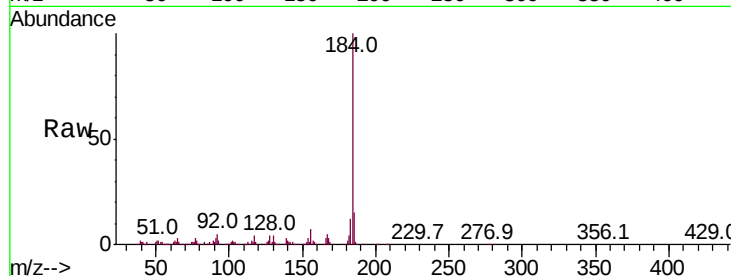
Tot Ion:184 Resp: 407335

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	11.7	9.4	14.0

184 100

185 15.2 12.2 18.2

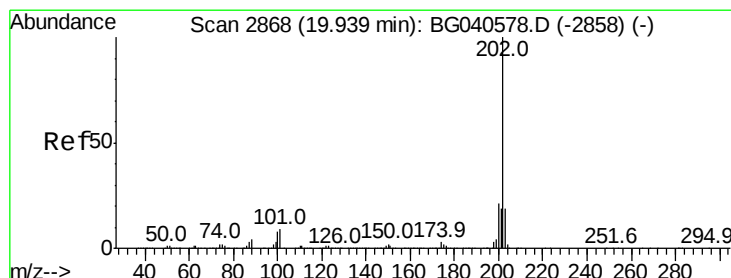
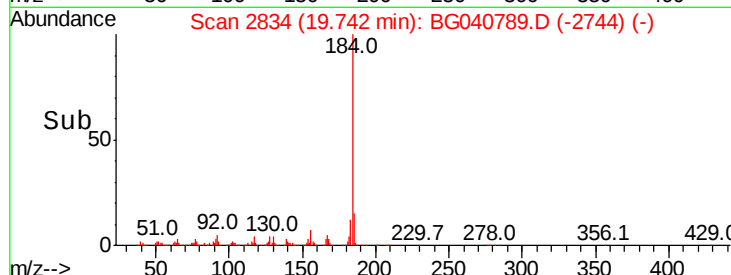
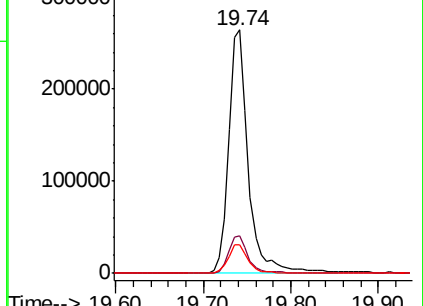
183 11.7 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.760 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

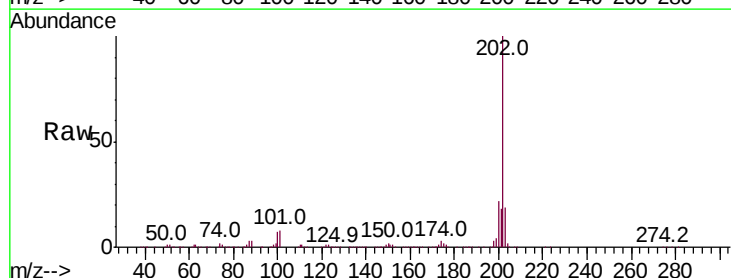
Tgt Ion:202 Resp: 1170860

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.0	27.0
203	19.4	15.5	23.3

202 100

200 22.5 18.0 27.0

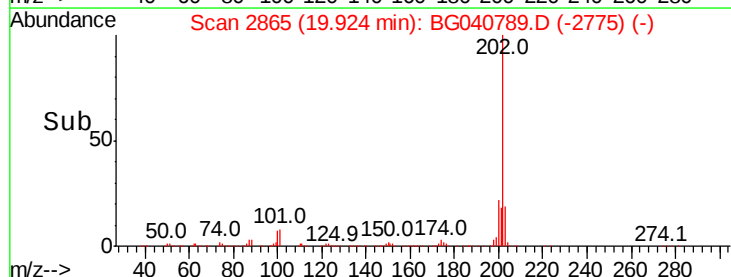
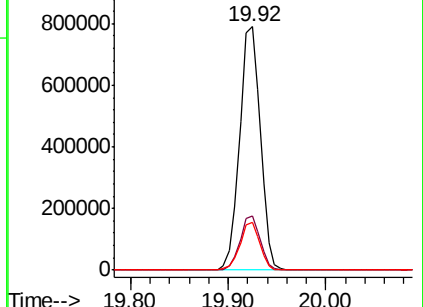
203 19.4 15.5 23.3

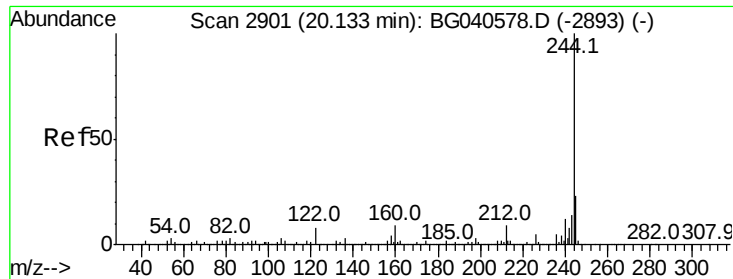


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.146 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

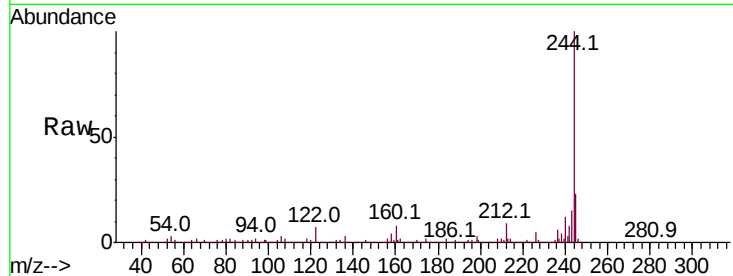
Tot Ion:244 Resp: 1678513

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

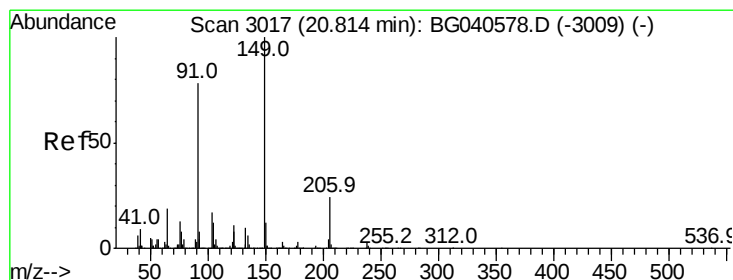
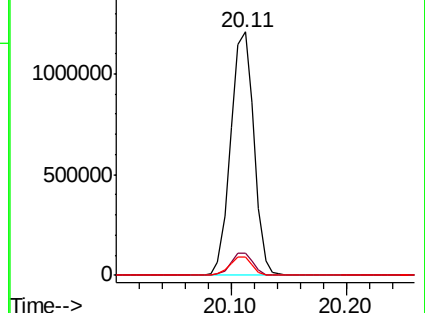
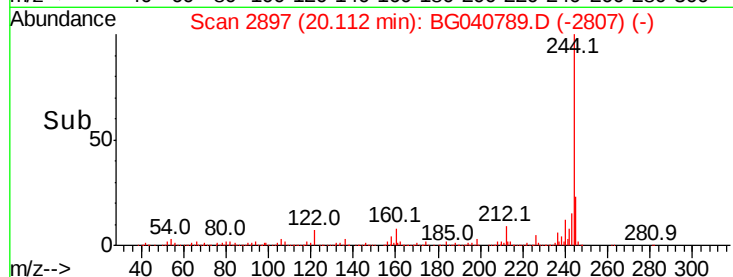
122 7.3 5.8 8.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.240 ng

RT: 20.79 min Scan# 3013

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

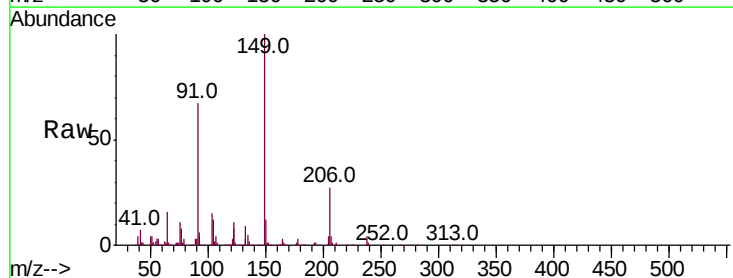
Tgt Ion:149 Resp: 438890

Ion Ratio Lower Upper

149 100

91 67.2 53.8 80.6

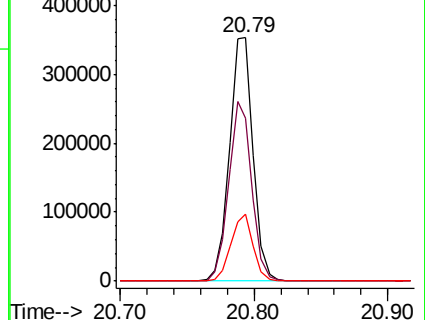
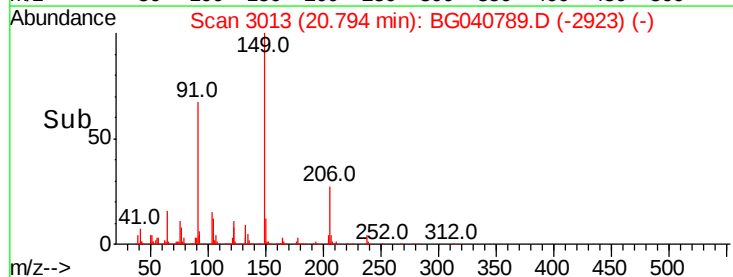
206 27.3 21.8 32.8

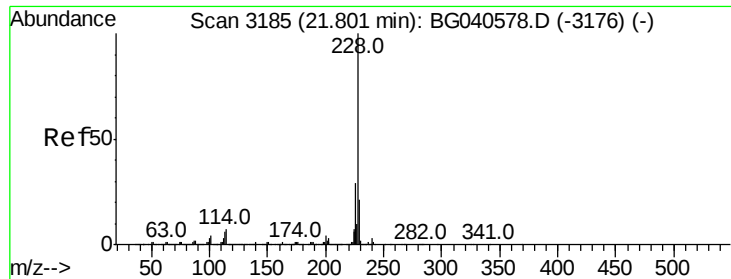


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.317 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

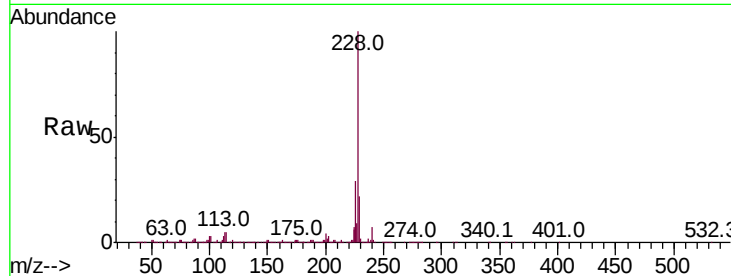
Tot Ion:228 Resp: 1167505

Ion Ratio Lower Upper

228 100

226 29.1 23.3 34.9

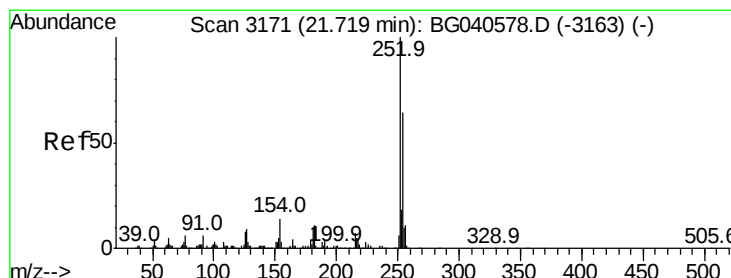
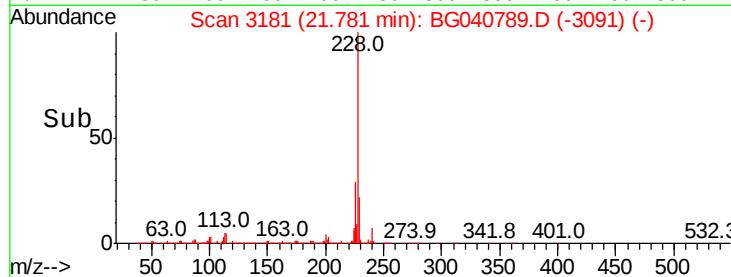
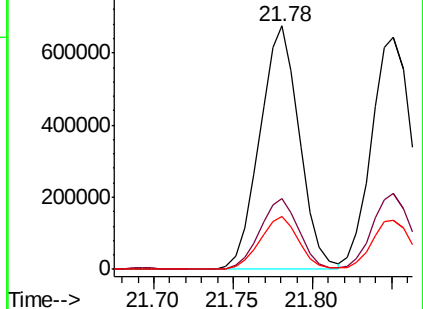
229 21.7 17.4 26.0



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: 37.318 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

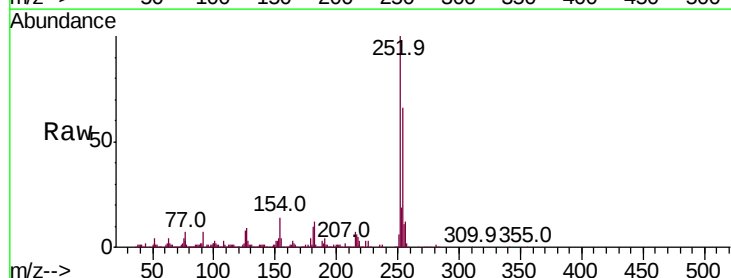
Tgt Ion:252 Resp: 394966

Ion Ratio Lower Upper

252 100

254 66.0 52.8 79.2

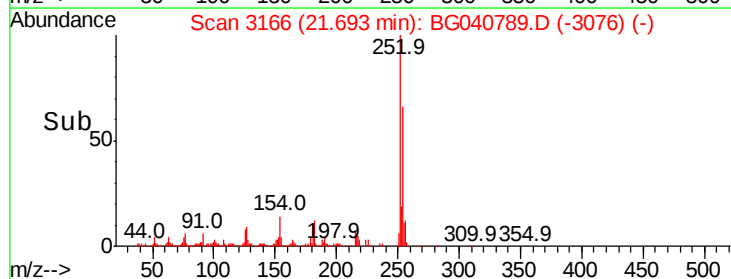
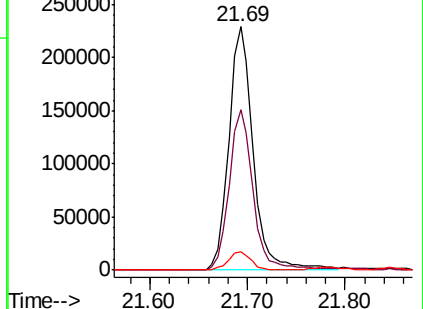
126 7.7 6.2 9.2

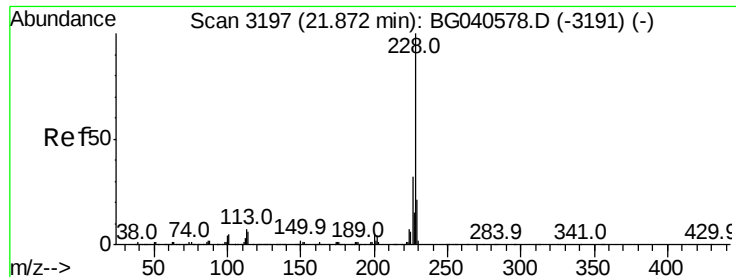


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.697 ng

RT: 21.85 min Scan# 3193

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

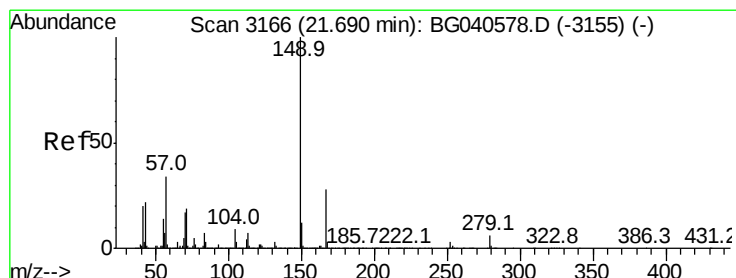
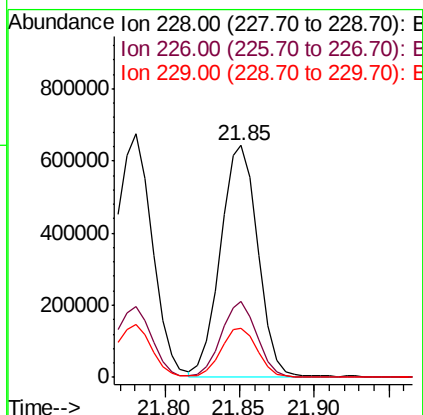
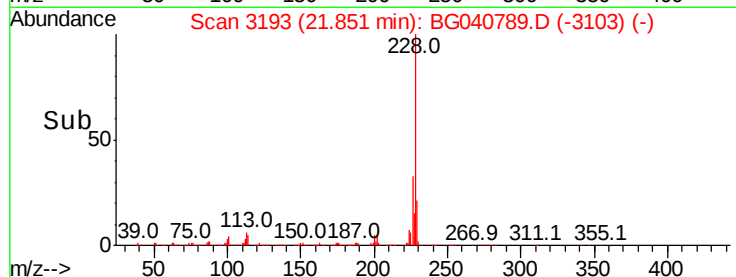
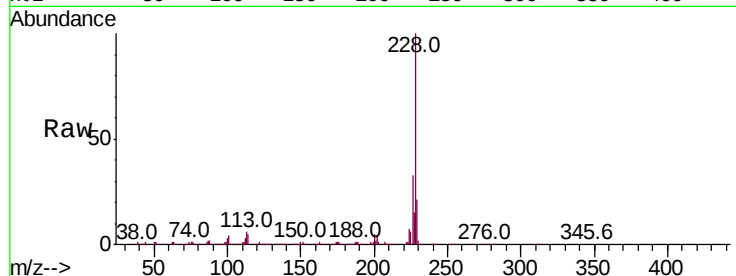
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1121061

Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.2	39.4
229	21.2	17.0	25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.443 ng

RT: 21.65 min Scan# 3159

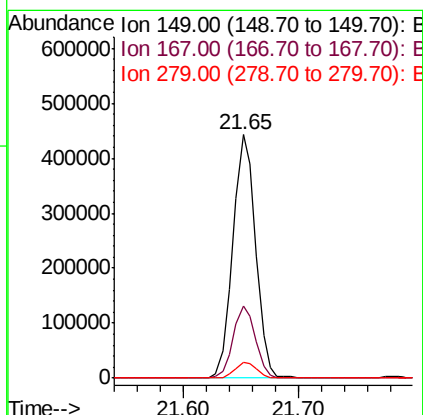
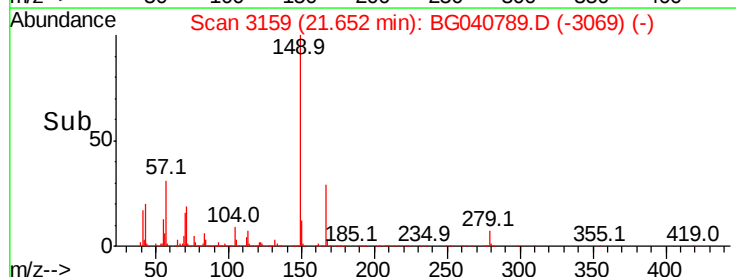
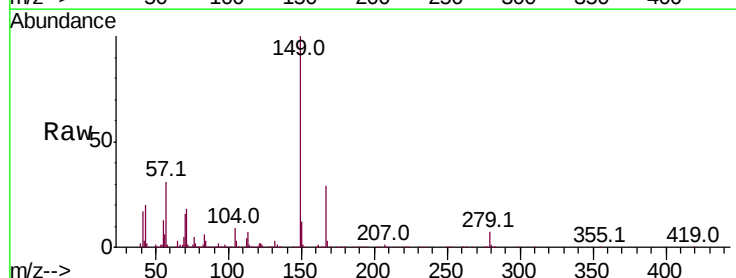
Delta R.T. 0.00 min

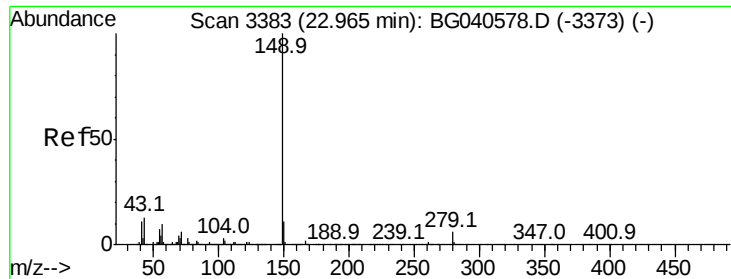
Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:149 Resp: 603782

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.6	35.4
279	6.7	5.4	8.0

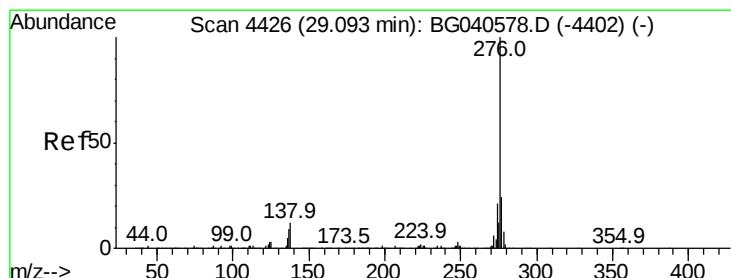
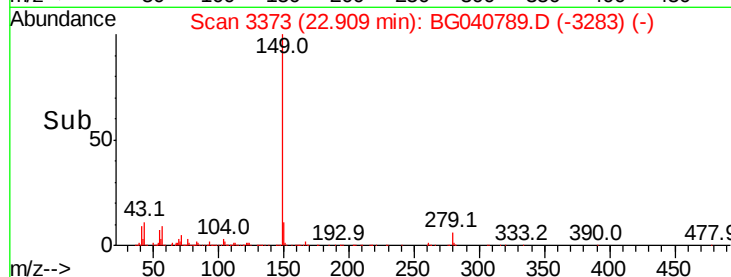
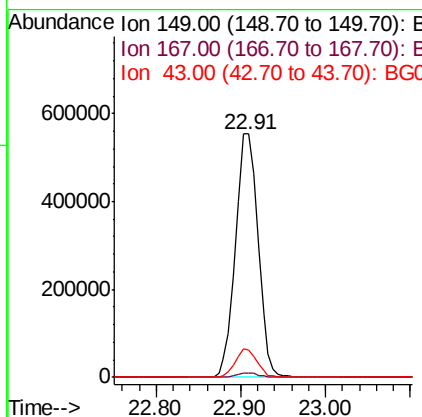
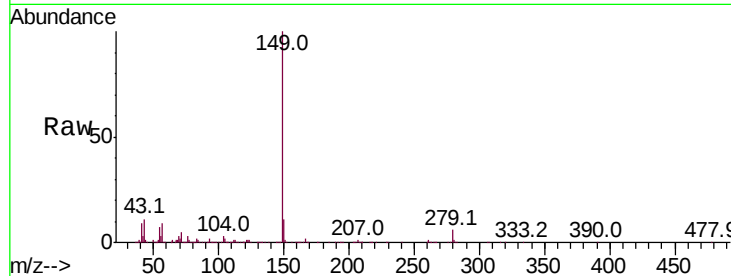




#85
Di-n-octyl phthalate
Concen: 36.462 ng
RT: 22.91 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

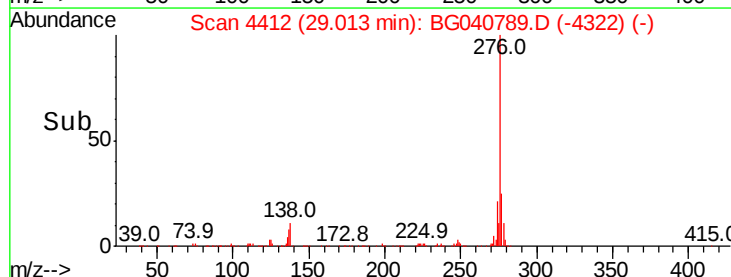
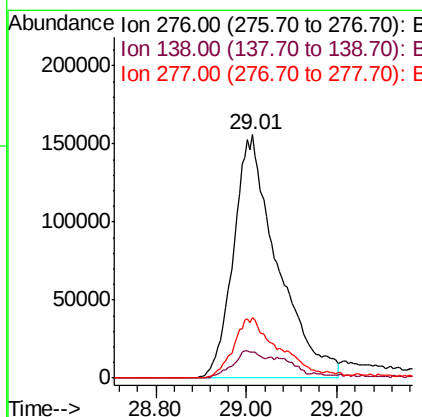
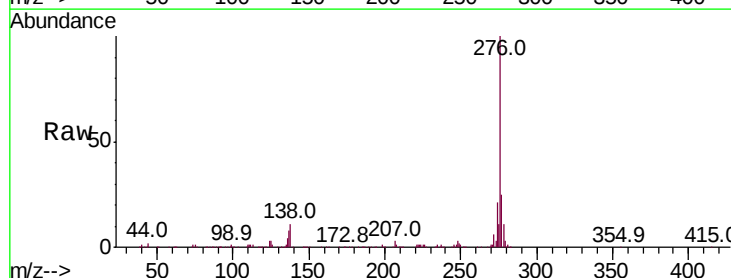
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

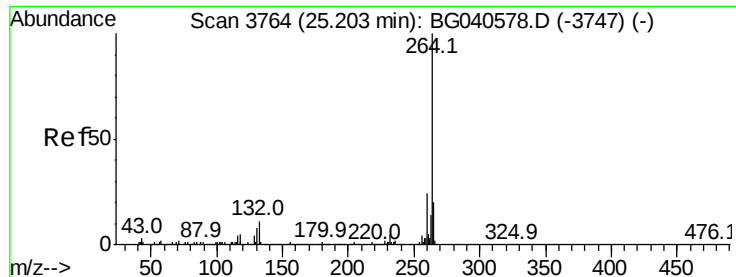
Tot Ion:149 Resp: 1017361
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 11.4 9.1 13.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.684 ng
RT: 29.01 min Scan# 4412
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:276 Resp: 1047684
Ion Ratio Lower Upper
276 100
138 7.6 6.1 9.1
277 9.8 7.8 11.8



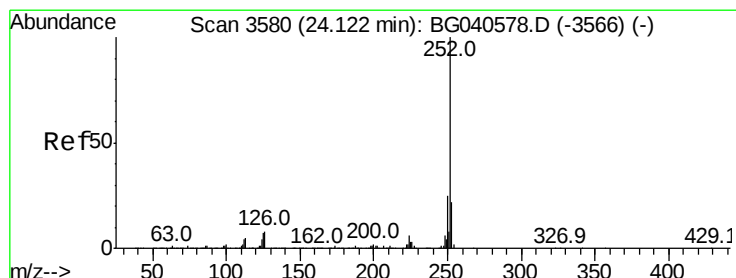
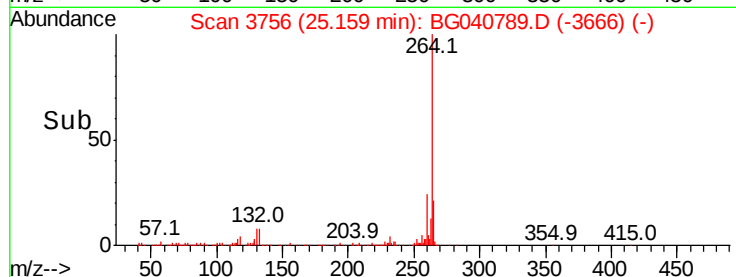
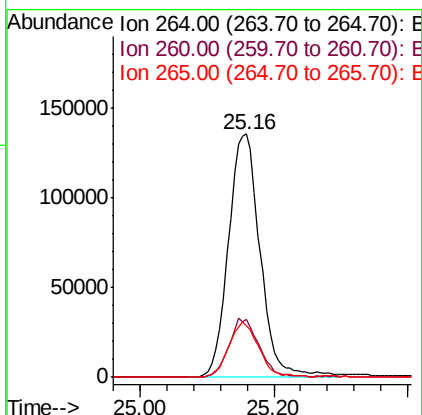
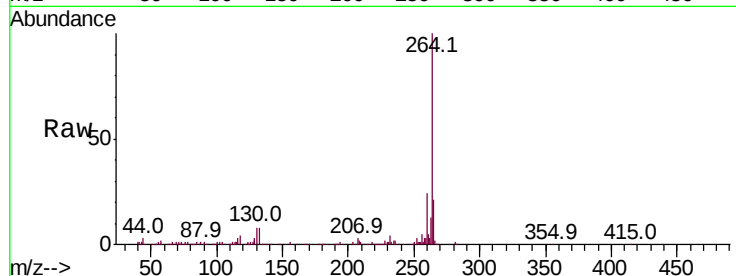


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 447684

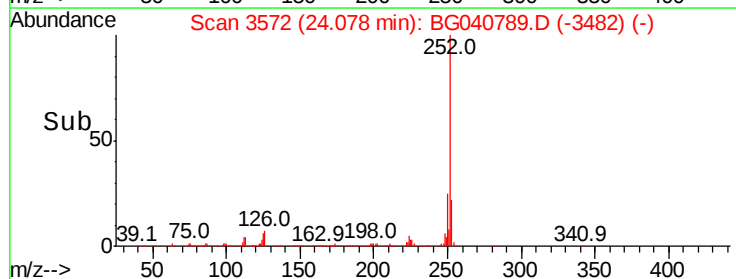
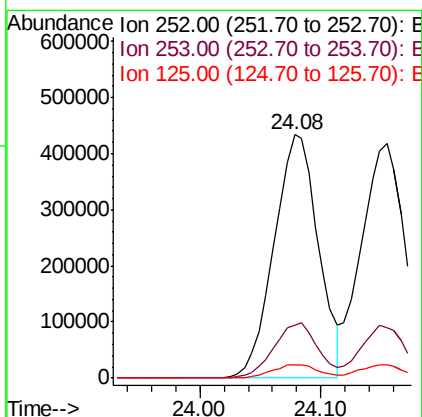
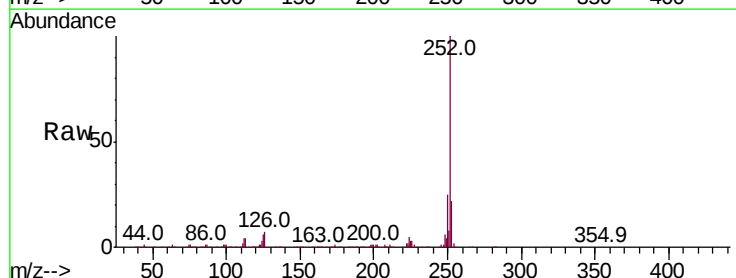
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.3	17.0	25.6

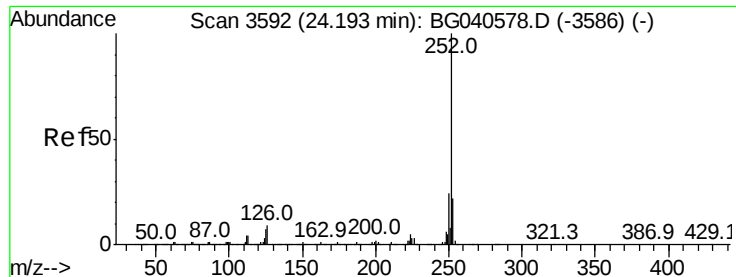


#88
Benzo(b)fluoranthene
Concen: 40.291 ng
RT: 24.08 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:252 Resp: 1102268

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	5.5	4.4	6.6

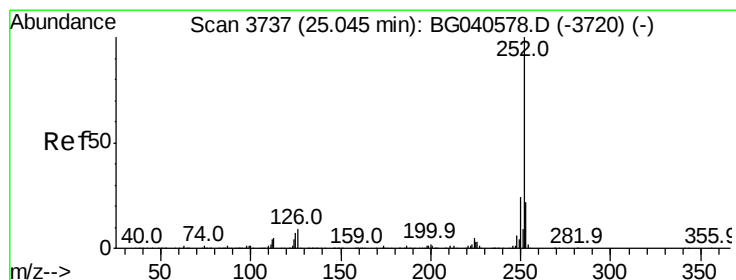
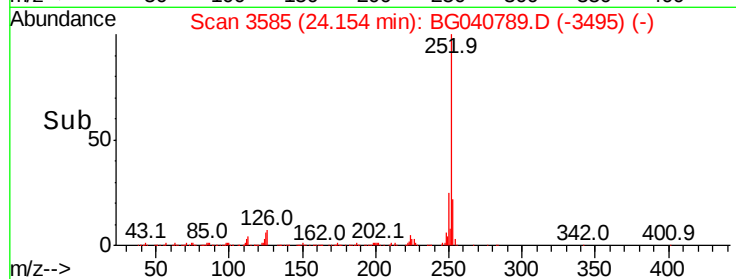
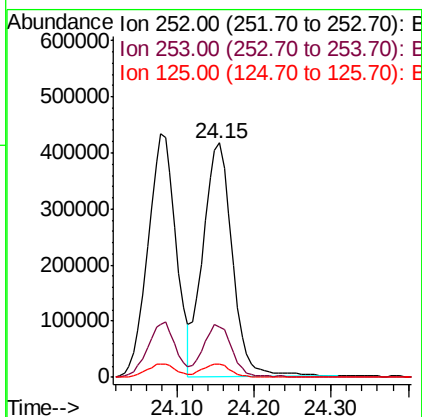
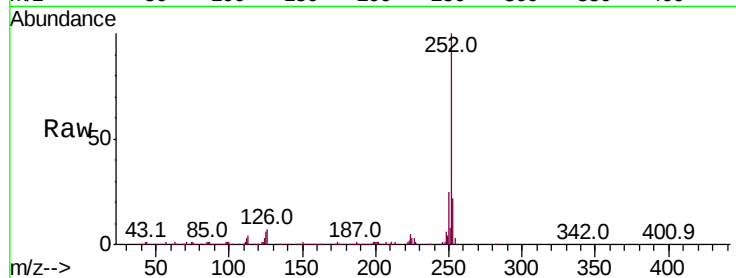




#89
Benzo(k)fluoranthene
Concen: 42.555 ng
RT: 24.15 min Scan# 3585
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

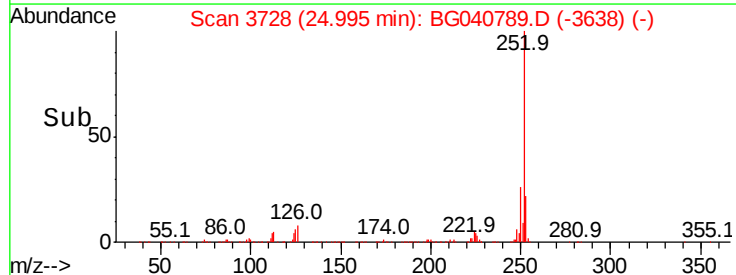
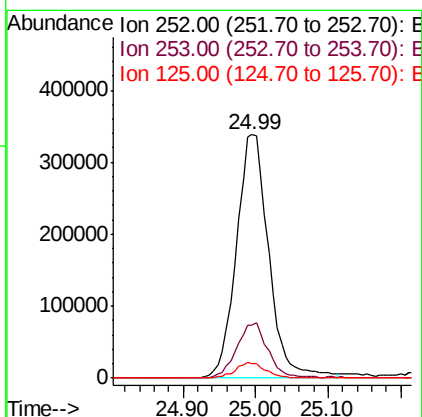
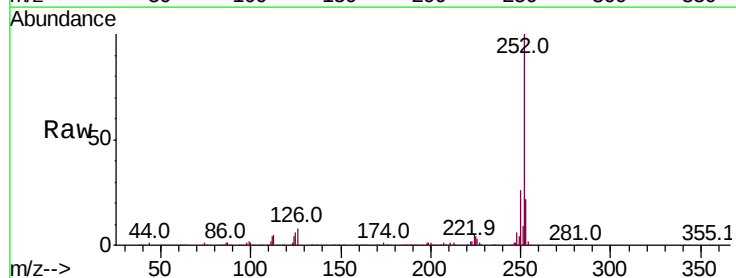
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

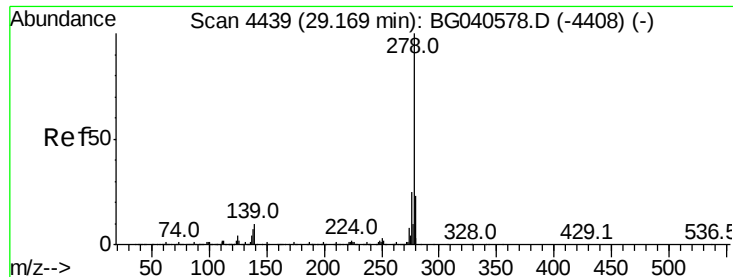
Tot Ion:252 Resp: 1087249
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 5.8 4.6 7.0



#90
Benzo(a)pyrene
Concen: 40.336 ng
RT: 24.99 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:252 Resp: 1044530
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 6.1 4.9 7.3





#91

Dibenzo(a,h)anthracene

Concen: 30.464 ng

RT: 29.08 min Scan# 4423

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

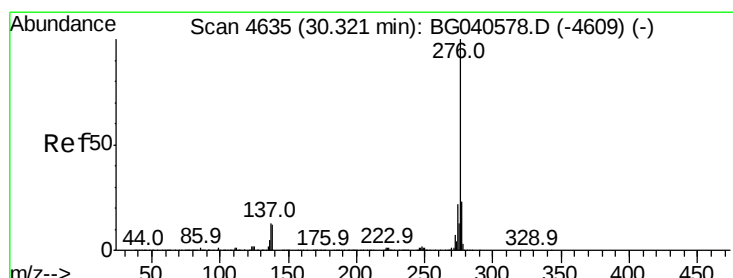
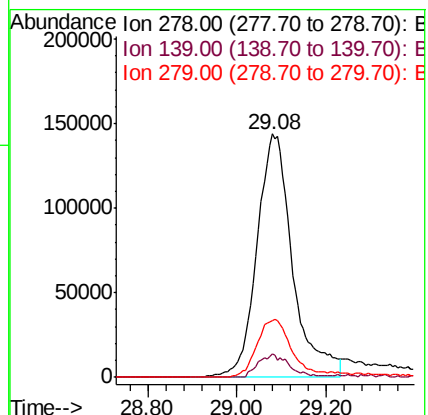
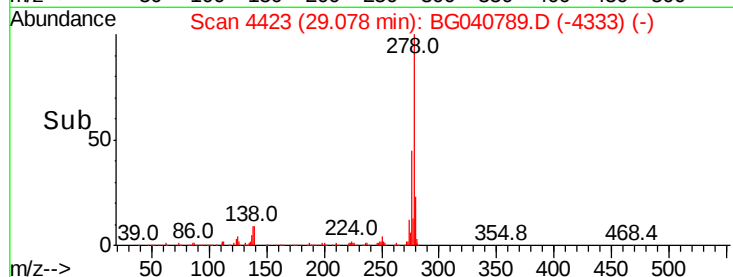
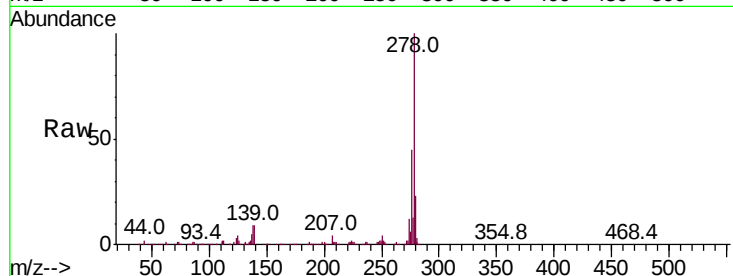
Tot Ion:278 Resp: 798342

Ion Ratio Lower Upper

278 100

139 9.4 7.5 11.3

279 23.4 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 33.049 ng

RT: 30.22 min Scan# 4618

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:276 Resp: 861960

Ion Ratio Lower Upper

276 100

277 25.0 20.0 30.0

138 10.7 8.6 12.8

