

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040989.D
 Acq On : 31 May 2019 23:03
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 01 06:17:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	52311	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	215458	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	158648	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	392897	20.00	ng	0.00
76) Chrysene-d12	21.78	240	398720	20.00	ng	0.00
87) Perylene-d12	25.11	264	426415	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	226897	78.21	ng	0.00
7) Phenol-d6	7.26	99	334983	74.77	ng	0.00
23) Nitrobenzene-d5	9.30	82	401221	82.67	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	187255	79.51	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	901173	81.80	ng	0.00
79) Terphenyl-d14	20.09	244	1561737	83.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	51760	39.319	ng	93
3) Pyridine	3.93	79	154843	39.752	ng	98
4) n-Nitrosodimethylamine	3.85	42	75322	41.665	ng	99
6) Aniline	7.44	93	235400	39.363	ng	97
8) 2-Chlorophenol	7.68	128	130356	37.691	ng	97
9) Benzaldehyde	7.26	77	107249	40.129	ng	89
10) Phenol	7.29	94	183777	38.257	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	137478	39.450	ng	98
12) 1,3-Dichlorobenzene	8.01	146	165874	40.156	ng	99
13) 1,4-Dichlorobenzene	8.16	146	167297	40.012	ng	96
14) 1,2-Dichlorobenzene	8.48	146	159037	39.174	ng	95
15) Benzyl Alcohol	8.36	79	162296	39.160	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	226472	39.770	ng	98
17) 2-Methylphenol	8.55	107	127376	36.622	ng	97
18) Hexachloroethane	9.20	117	64102	39.778	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	134270	38.943	ng	99
20) 3+4-Methylphenols	8.88	107	178295	37.007	ng	96
22) Acetophenone	8.95	105	248263	41.076	ng	98
24) Nitrobenzene	9.34	77	205197	41.488	ng	96
25) Isophorone	9.86	82	374726	40.571	ng	99
26) 2-Nitrophenol	10.06	139	81349	39.897	ng	# 83
27) 2,4-Dimethylphenol	10.09	122	132321	39.293	ng	95
28) bis(2-Chloroethoxy)methane	10.34	93	203385	40.799	ng	97
29) 2,4-Dichlorophenol	10.58	162	164652	38.503	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	197307	40.559	ng	96
31) Naphthalene	11.00	128	461015	39.852	ng	98
32) Benzoic acid	10.21	122	86491	35.566	ng	94
33) 4-Chloroaniline	11.10	127	212347	39.562	ng	97
34) Hexachlorobutadiene	11.25	225	156048	41.923	ng	96
35) Caprolactam	11.89	113	53349	37.779	ng	88
36) 4-Chloro-3-methylphenol	12.21	107	185655	38.014	ng	98
37) 2-Methylnaphthalene	12.59	142	346193	38.856	ng	99
38) 1-Methylnaphthalene	12.59	142	346193	41.234	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	260516	40.741	ng	99

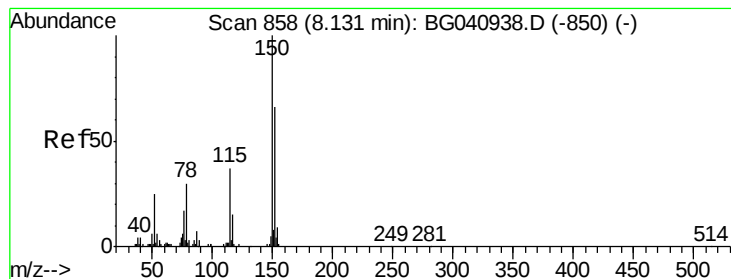
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	146740	46.531	nq	99
43) 2,4,6-Trichlorophenol	13.19	196	163265	39.468	nq	96
44) 2,4,5-Trichlorophenol	13.26	196	166977	38.275	nq	95
46) 1,1'-Biphenyl	13.59	154	471761	40.172	nq	99
47) 2-Chloronaphthalene	13.64	162	405462	40.218	nq	98
48) 2-Nitroaniline	13.84	65	148417	41.036	nq	100
49) Acenaphthylene	14.48	152	604023	39.808	nq	98
50) Dimethylphthalate	14.20	163	534086	39.769	nq	99
51) 2,6-Dinitrotoluene	14.33	165	114954	39.700	nq	95
52) Acenaphthene	14.82	154	360388	39.207	nq	98
53) 3-Nitroaniline	14.66	138	118218	40.829	nq	94
54) 2,4-Dinitrophenol	14.87	184	74502	57.119	nq	97
55) Dibenzofuran	15.15	168	610065	39.444	nq	99
56) 4-Nitrophenol	14.95	139	82991	41.788	nq	92
57) 2,4-Dinitrotoluene	15.11	165	164960	40.331	nq	# 96
58) Fluorene	15.80	166	479128	38.898	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	172547	40.246	nq	99
60) Diethylphthalate	15.55	149	536315	39.132	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	313964	39.215	nq	96
62) 4-Nitroaniline	15.83	138	121892	39.765	nq	94
63) Azobenzene	16.08	77	496401	39.850	nq	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	86600	42.362	nq	95
66) n-Nitrosodiphenylamine	16.00	169	439172	39.763	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	209130	39.441	nq	97
68) Hexachlorobenzene	16.79	284	221116	39.163	nq	97
69) Atrazine	16.94	200	182868	42.910	nq	99
70) Pentachlorophenol	17.14	266	112778	39.559	nq	99
71) Phenanthrene	17.54	178	826724	40.396	nq	98
72) Anthracene	17.63	178	824015	40.824	nq	98
73) Carbazole	17.90	167	720757	41.616	nq	98
74) Di-n-butylphthalate	18.43	149	873914	40.599	nq	98
75) Fluoranthene	19.54	202	1069509	42.310	nq	100
77) Benzidine	19.72	184	417579	43.902	nq	99
78) Pyrene	19.90	202	1061924	40.970	nq	99
80) Butylbenzylphthalate	20.77	149	410240	40.671	nq	99
81) Benzo(a)anthracene	21.75	228	1069379	40.291	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	382905	41.017	nq	99
83) Chrysene	21.82	228	1031683	40.619	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	565136	39.800	nq	98
85) Di-n-octyl phthalate	22.87	149	942851	39.870	nq	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1225429	39.386	nq	# 98
88) Benzo(b)fluoranthene	24.05	252	1053910	40.749	nq	99
89) Benzo(k)fluoranthene	24.12	252	1037539	40.539	nq	98
90) Benzo(a)pyrene	24.96	252	987131	40.004	nq	98
91) Dibenzo(a,h)anthracene	29.02	278	971339	39.395	nq	100
92) Benzo(g,h,i)perylene	30.17	276	957514	39.973	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

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Acq: 31 May 2019 23:03

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SSTDCCC040

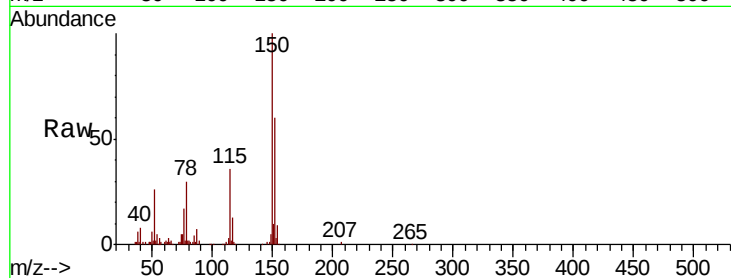
Tot Ion:152 Resp: 52311

Ion Ratio Lower Upper

152 100

150 165.5 120.6 180.8

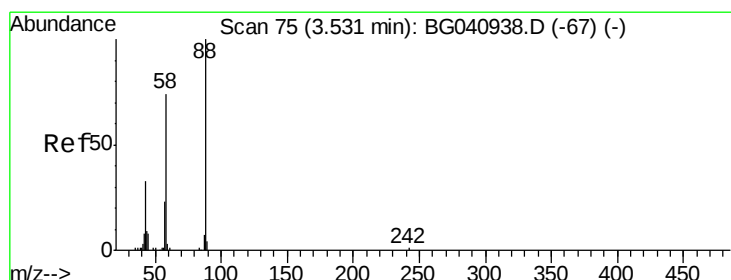
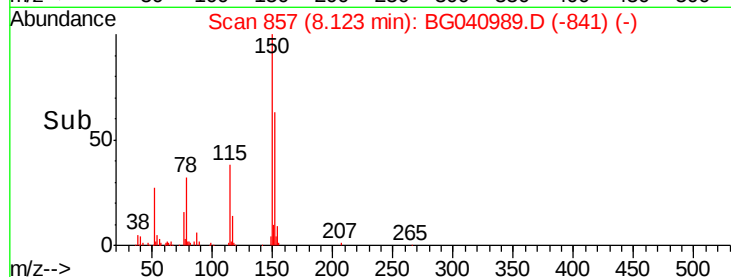
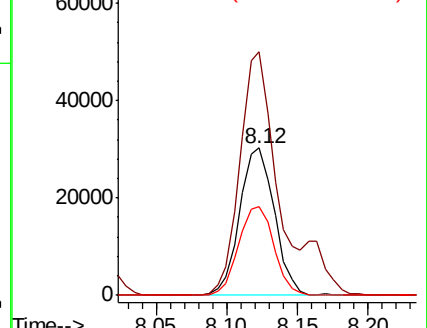
115 60.2 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.319 ng

RT: 3.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

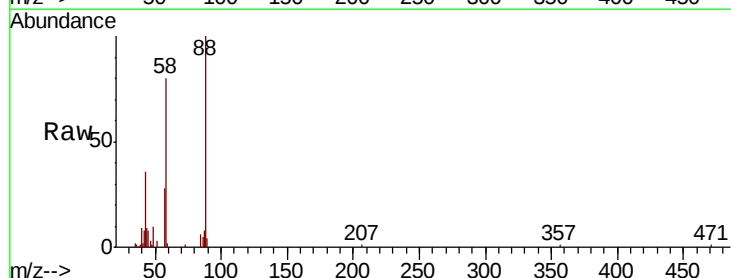
Tgt Ion: 88 Resp: 51760

Ion Ratio Lower Upper

88 100

58 79.9 59.0 88.6

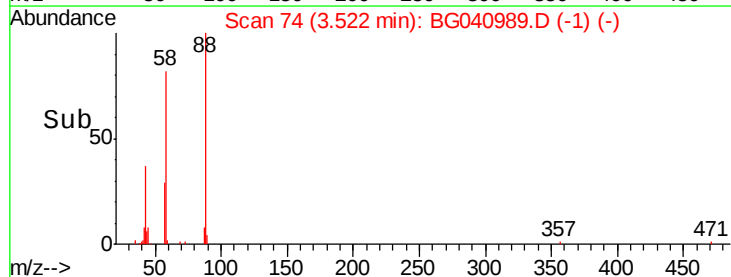
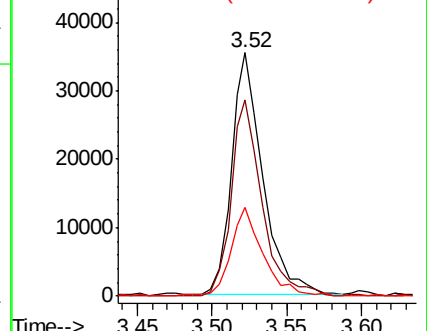
43 37.6 27.2 40.8



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.752 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

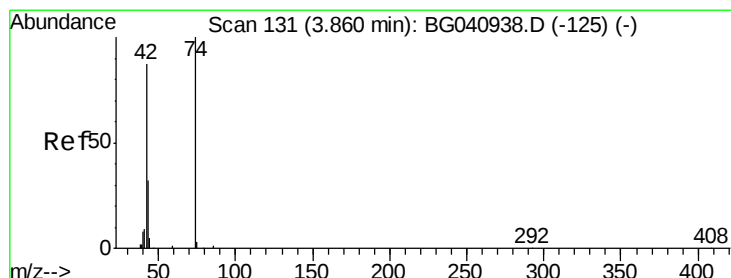
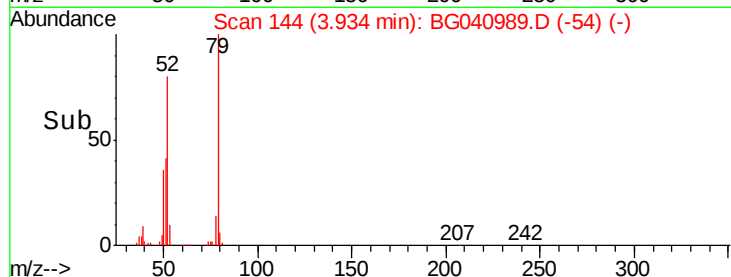
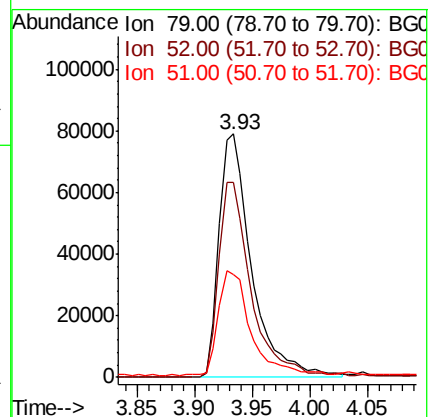
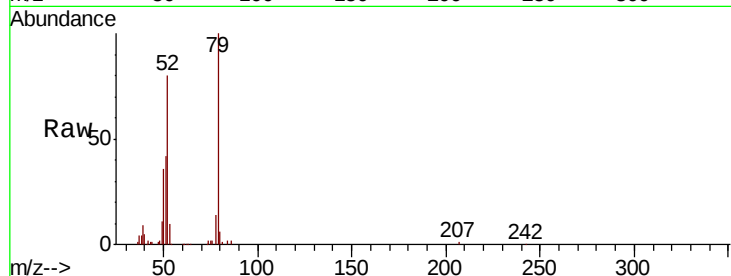
Tot Ion: 79 Resp: 154843

Ion Ratio Lower Upper

79 100

52 79.9 64.8 97.2

51 42.5 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 41.665 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

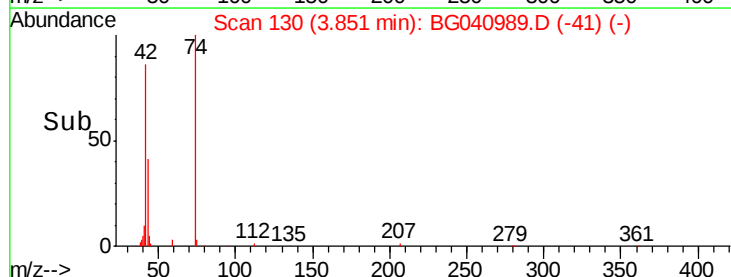
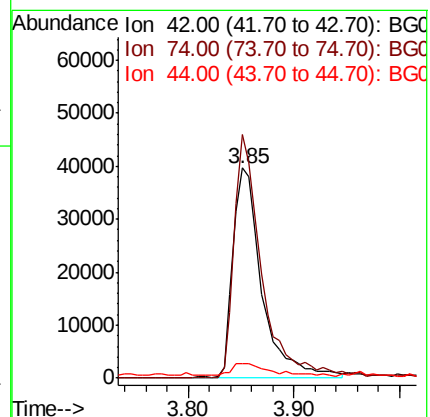
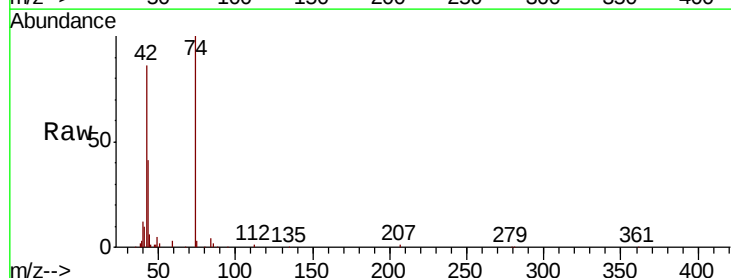
Tgt Ion: 42 Resp: 75322

Ion Ratio Lower Upper

42 100

74 115.8 91.8 137.6

44 6.7 6.0 9.0





#5

2-Fluorophenol

Concen: 78.214 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

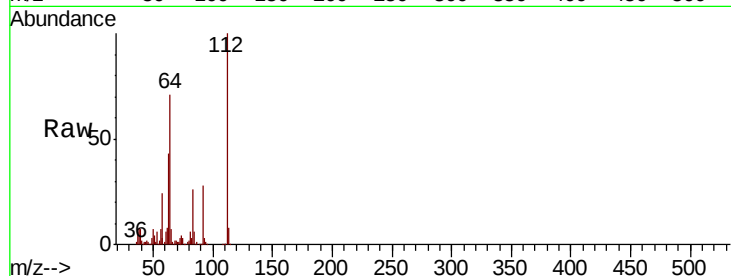
Tot Ion:112 Resp: 226897

Ion Ratio Lower Upper

112 100

64 70.9 56.2 84.2

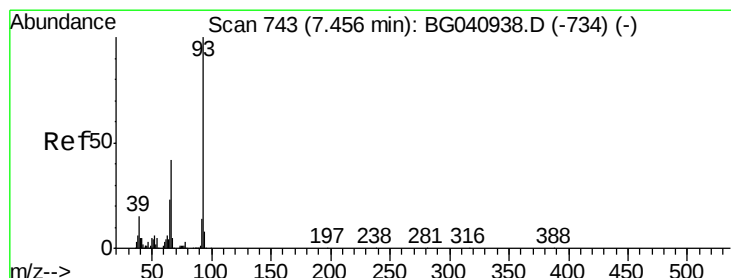
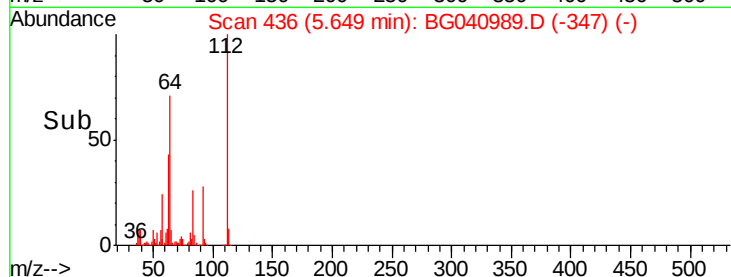
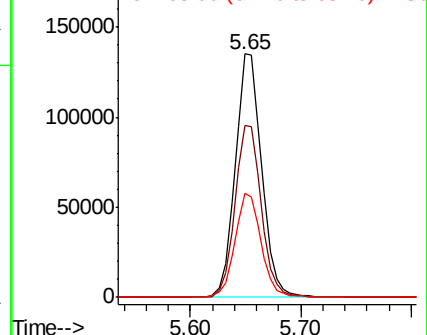
63 42.6 32.8 49.2



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: 39.363 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

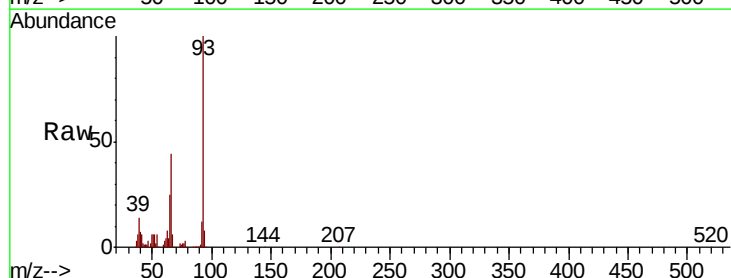
Tgt Ion: 93 Resp: 235400

Ion Ratio Lower Upper

93 100

66 43.9 33.8 50.8

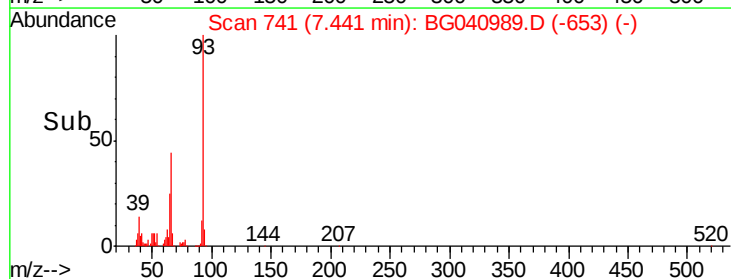
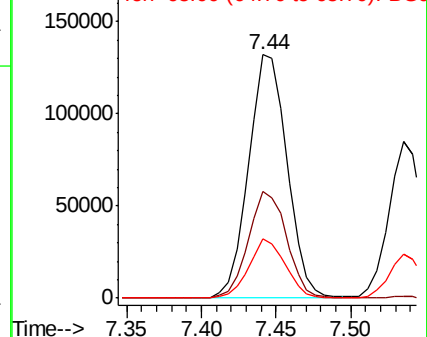
65 24.5 18.3 27.5



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: 74.768 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

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ClientSampleId :

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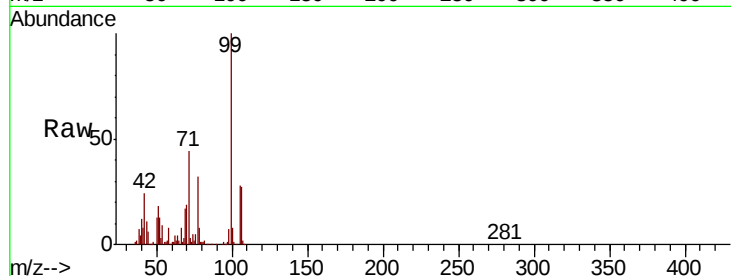
Tot Ion: 99 Resp: 334983

Ion Ratio Lower Upper

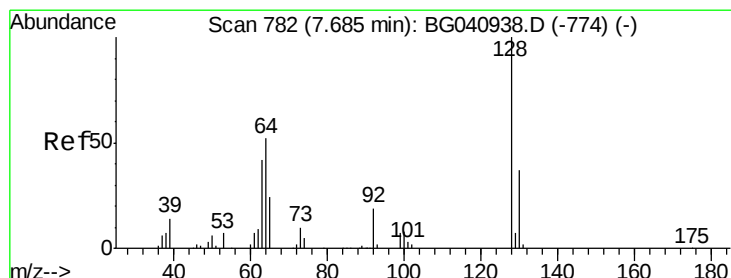
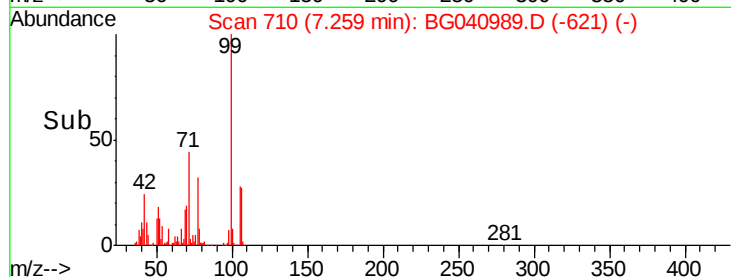
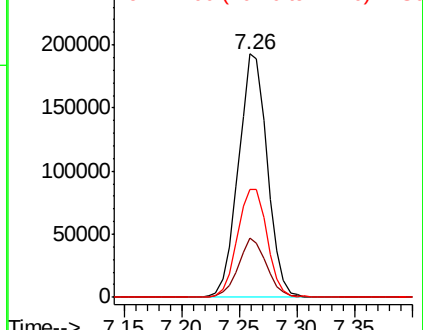
99 100

42 24.2 17.9 26.9

71 44.4 35.4 53.0



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: 37.691 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

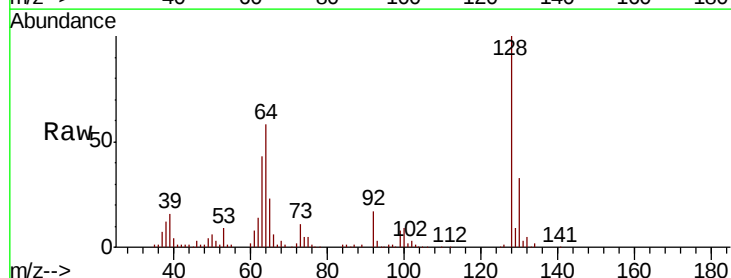
Tgt Ion: 128 Resp: 130356

Ion Ratio Lower Upper

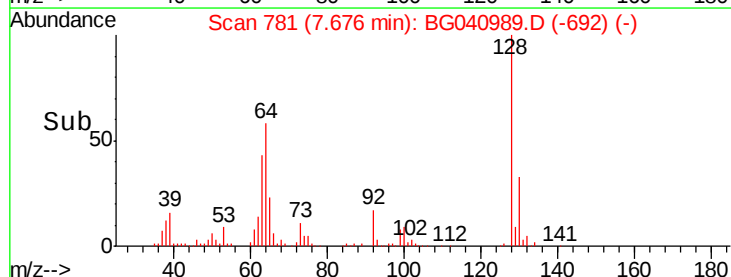
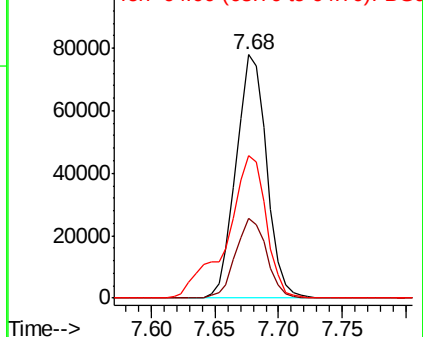
128 100

130 33.0 16.6 56.6

64 58.4 37.8 77.8



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





#9

Benzaldehyde

Concen: 40.129 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

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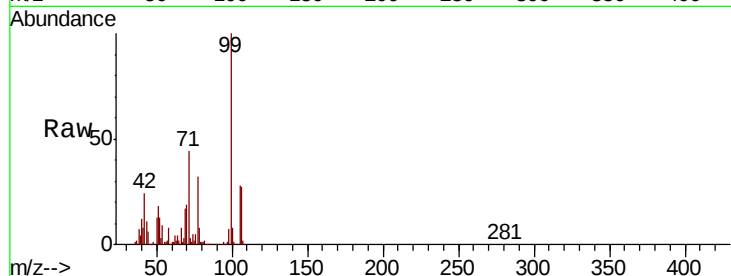
Tot Ion: 77 Resp: 107249

Ion Ratio Lower Upper

77 100

105 88.9 78.9 118.9

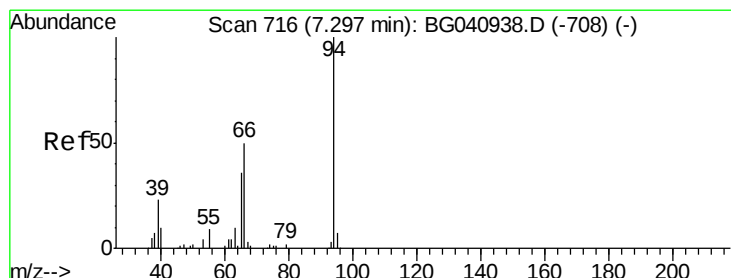
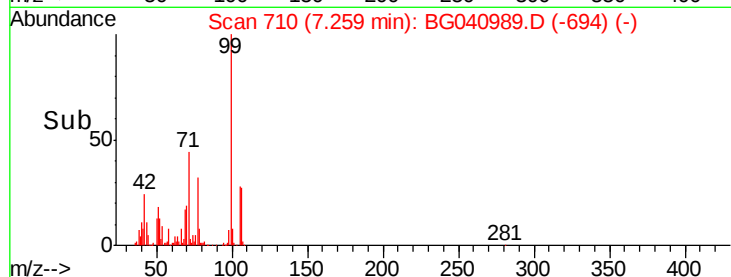
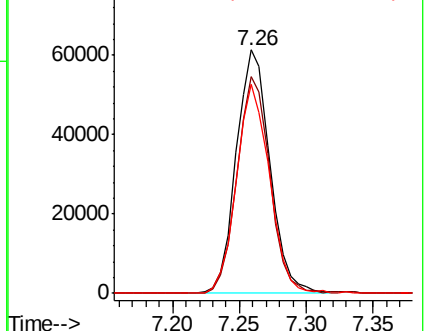
106 85.9 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.257 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

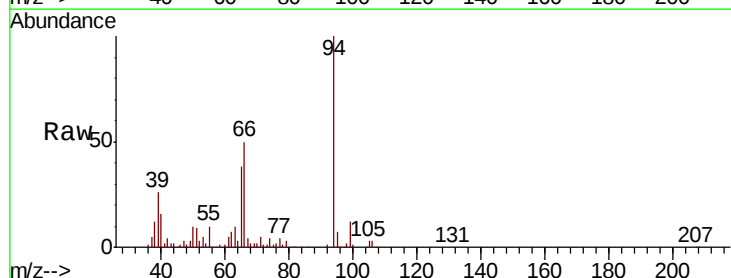
Tgt Ion: 94 Resp: 183777

Ion Ratio Lower Upper

94 100

65 38.3 17.0 57.0

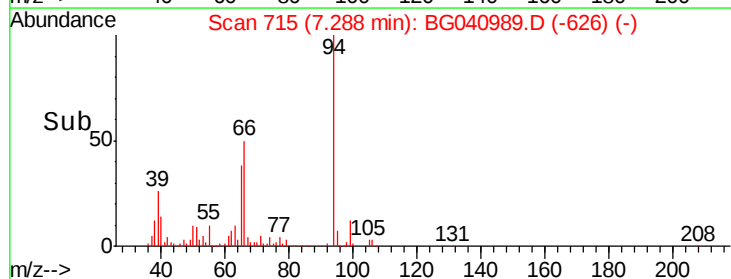
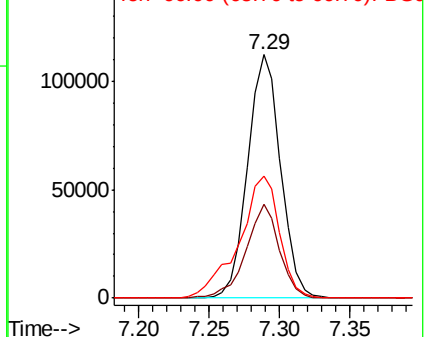
66 50.2 32.4 72.4

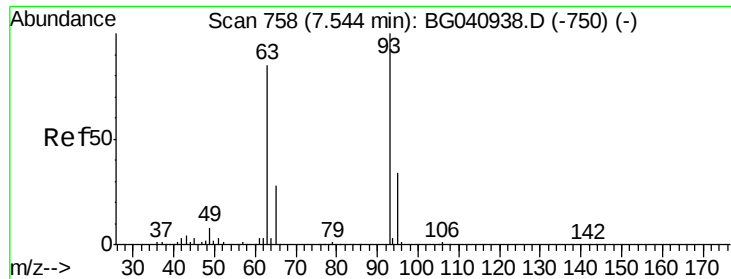


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.450 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

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Acq: 31 May 2019 23:03

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SSTDCCC040

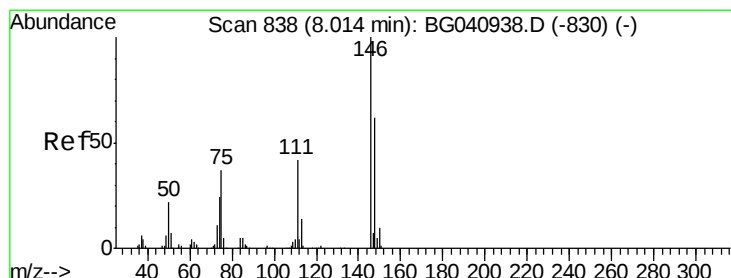
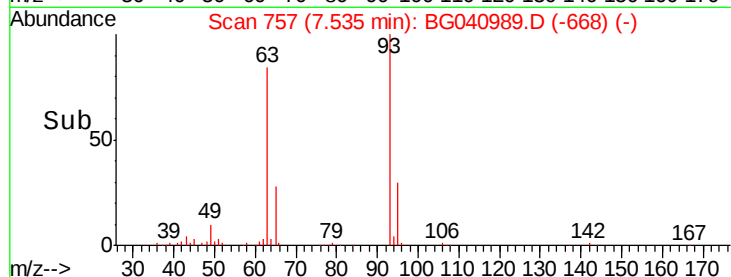
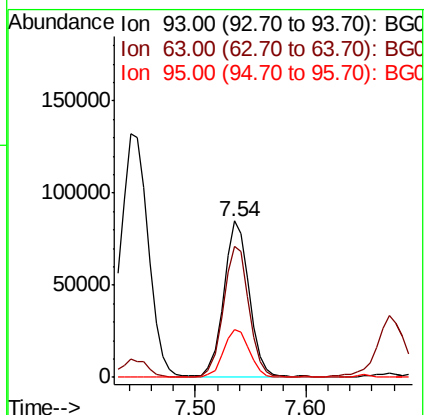
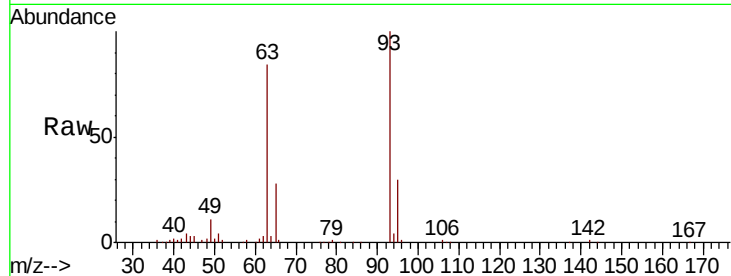
Tot Ion: 93 Resp: 137478

Ion Ratio Lower Upper

93 100

63 84.2 64.5 104.5

95 30.4 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 40.156 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

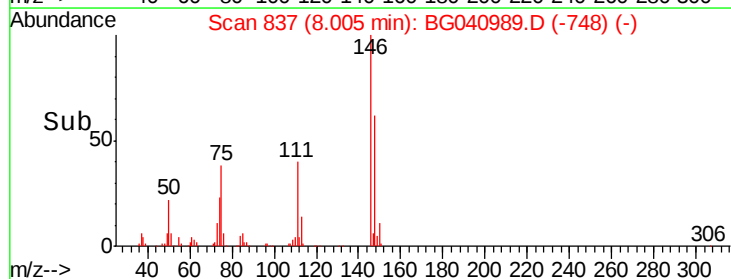
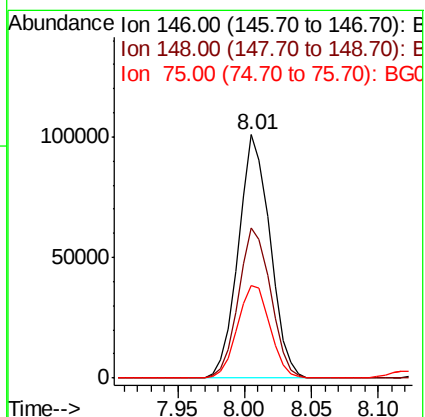
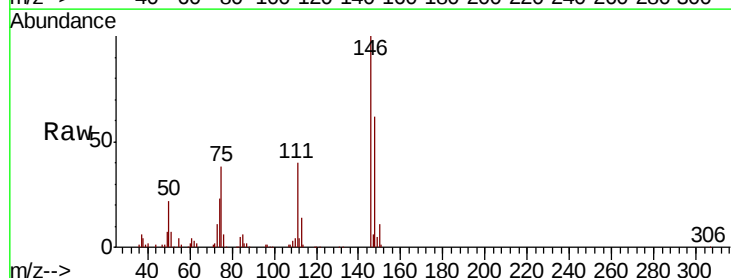
Tgt Ion: 146 Resp: 165874

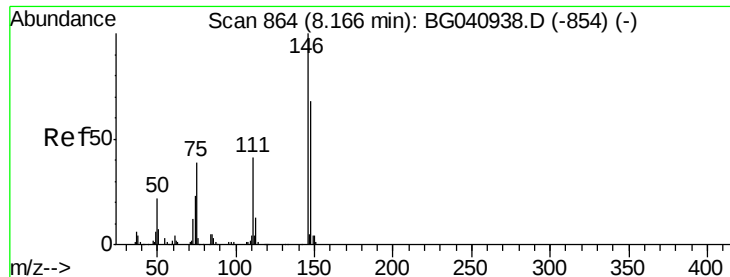
Ion Ratio Lower Upper

146 100

148 62.0 49.2 73.8

75 38.0 29.4 44.0

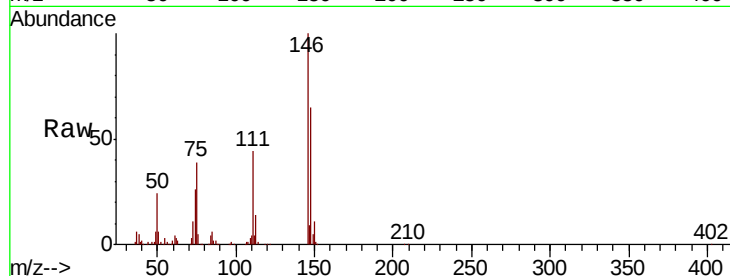




#13
 1,4-Dichlorobenzene
 Concen: 40.012 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	54.2	81.4
111	44.0	32.9	49.3

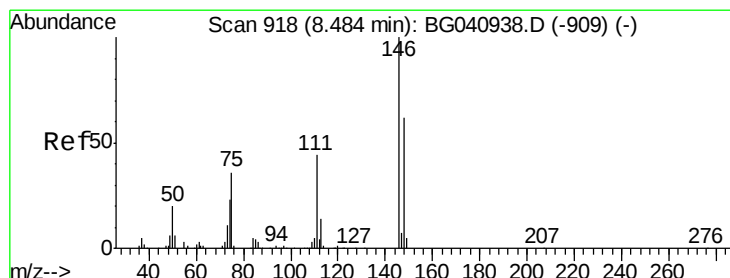
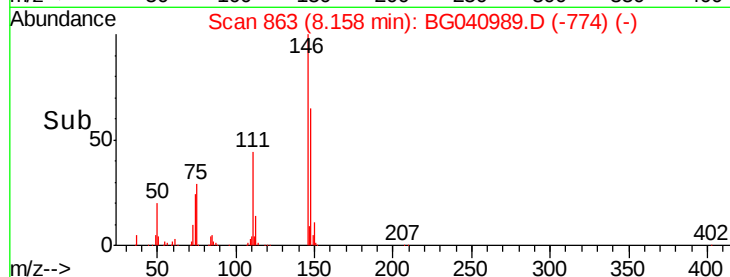
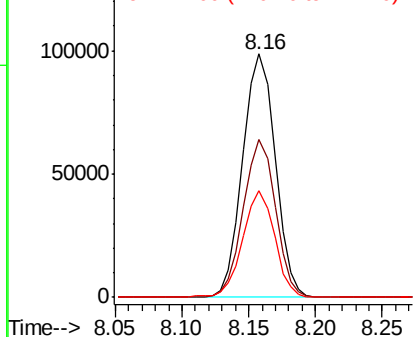


Abundance

Ion 146.00 (145.70 to 146.70): E

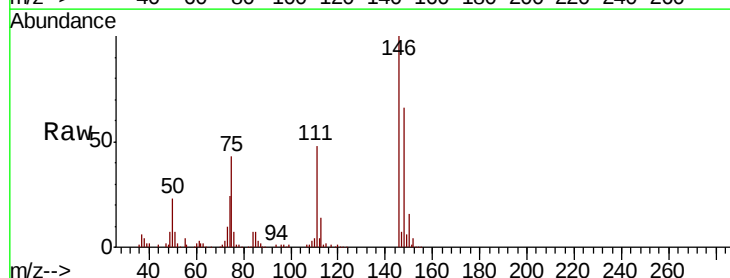
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.174 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	49.8	74.6
111	47.6	35.0	52.4

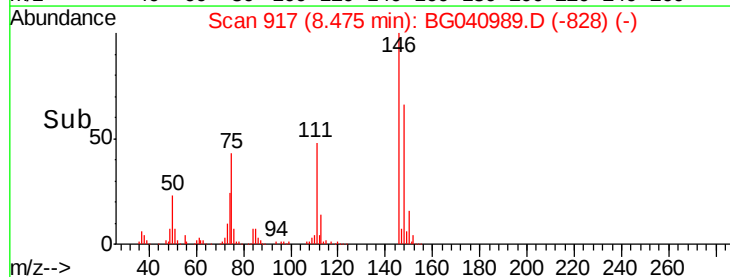
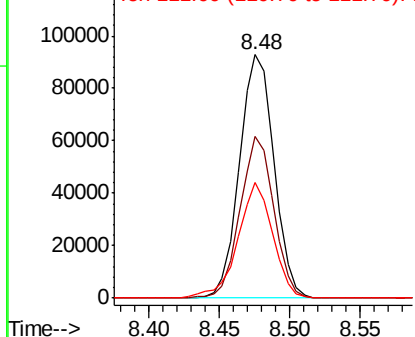


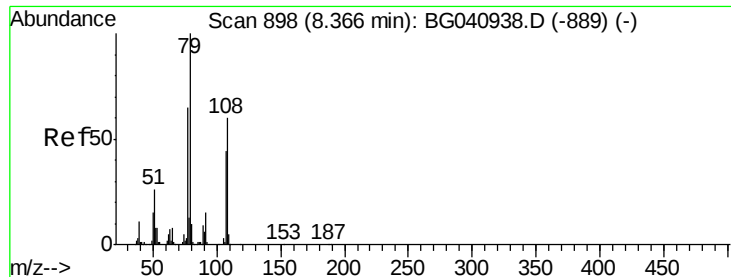
Abundance

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: 39.160 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

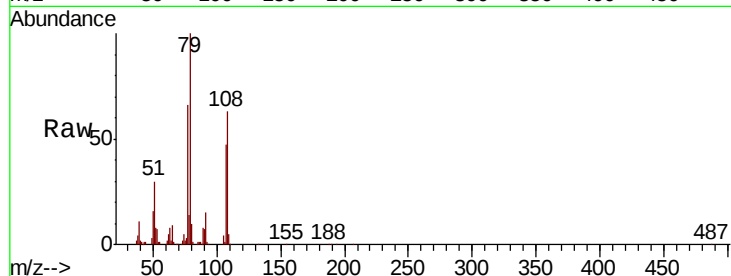
Tot Ion: 79 Resp: 162296

Ion Ratio Lower Upper

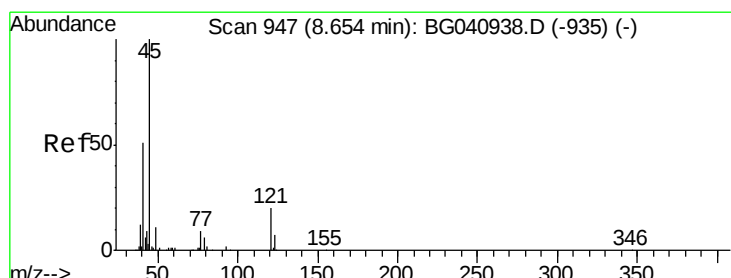
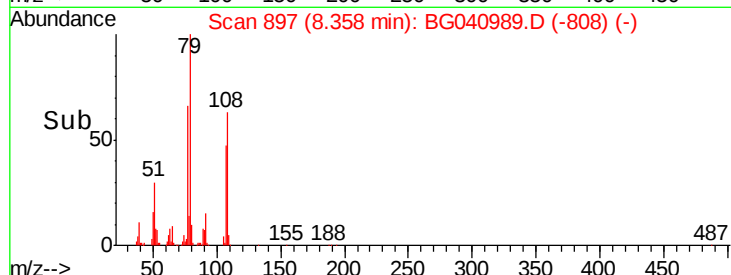
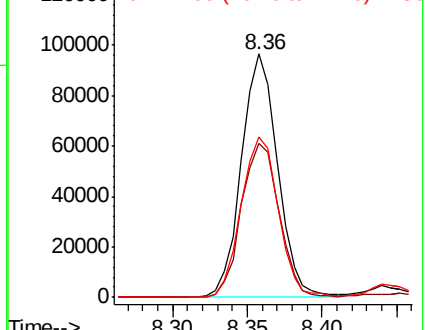
79 100

108 63.5 48.3 72.5

77 66.1 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.770 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

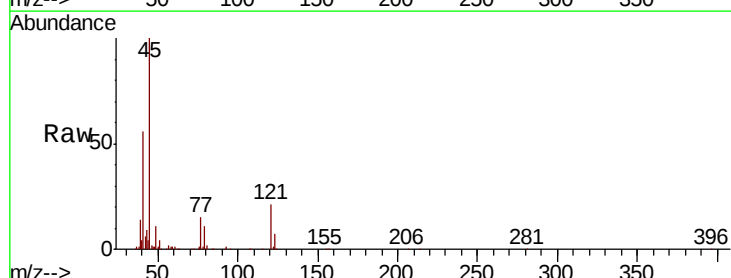
Tgt Ion: 45 Resp: 226472

Ion Ratio Lower Upper

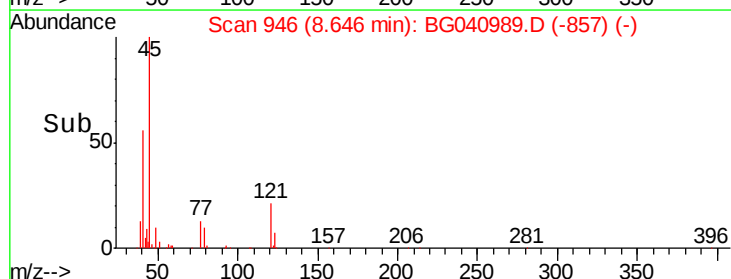
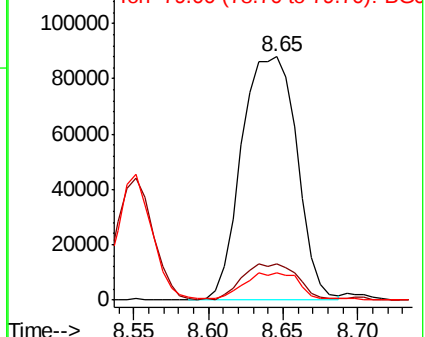
45 100

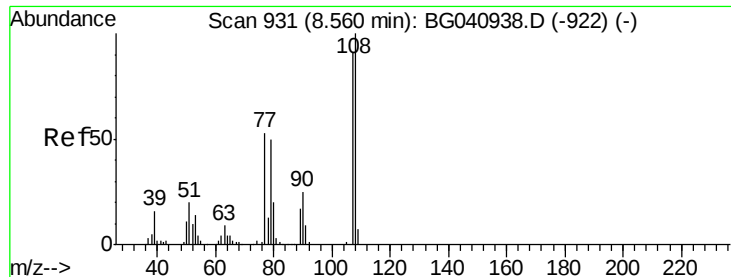
77 14.8 0.0 33.7

79 11.0 0.0 30.2



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

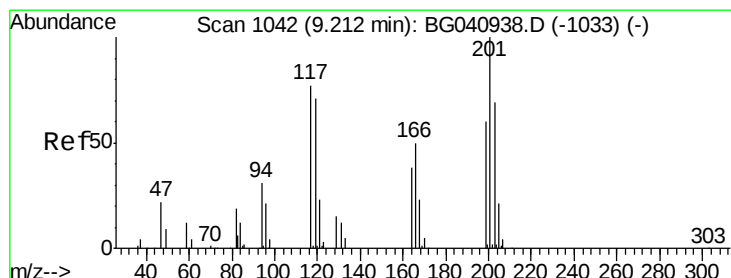
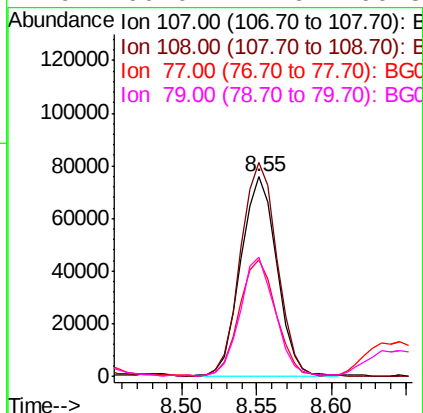
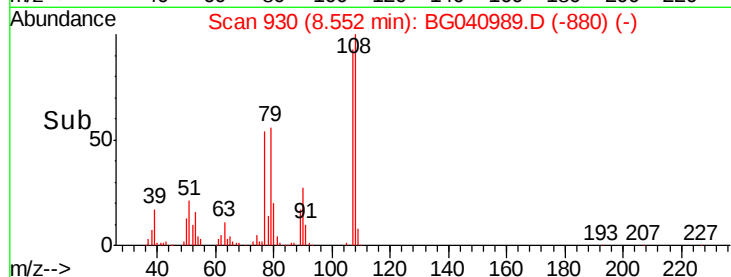
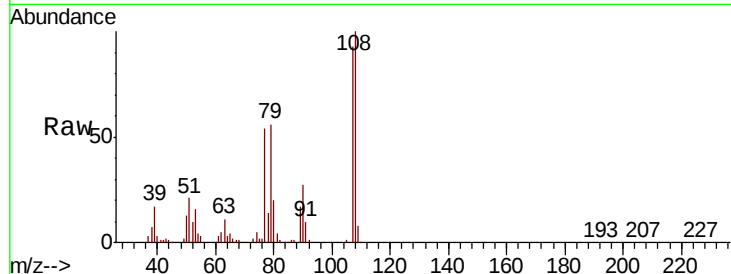




#17
2-Methylphenol
Concen: 36.622 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

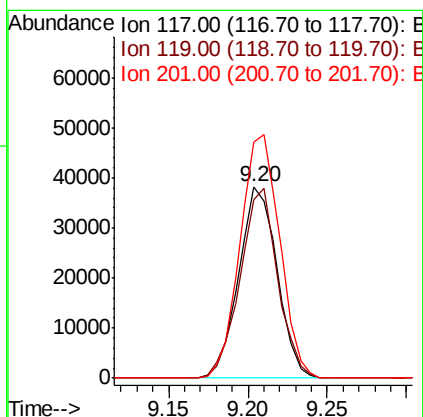
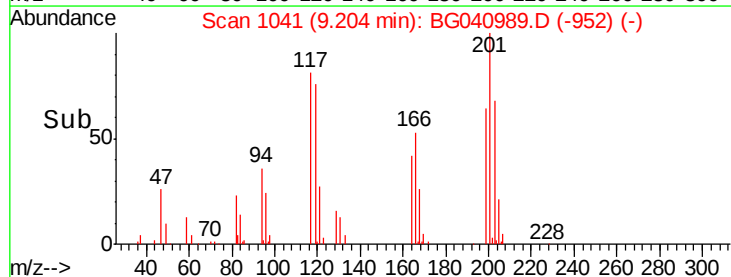
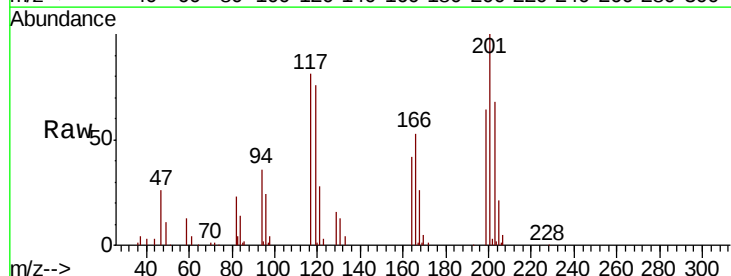
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

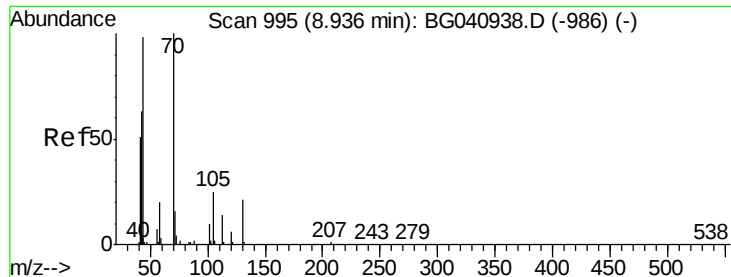
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.1	87.7	131.5
77	58.4	46.6	70.0
79	60.0	44.6	66.8



#18
Hexachloroethane
Concen: 39.778 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.0	112.6
201	126.2	103.5	155.3

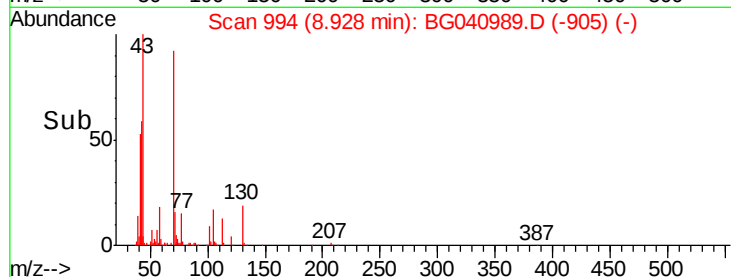
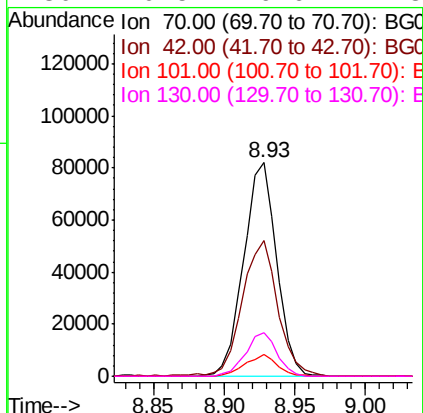
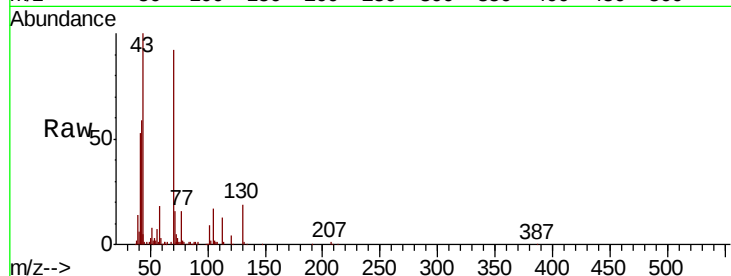




#19
n-Nitroso-di-n-propylamine
Concen: 38.943 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

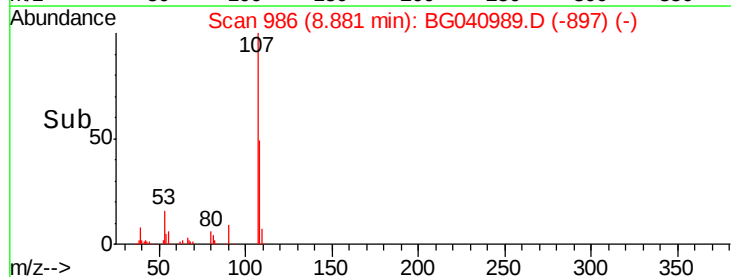
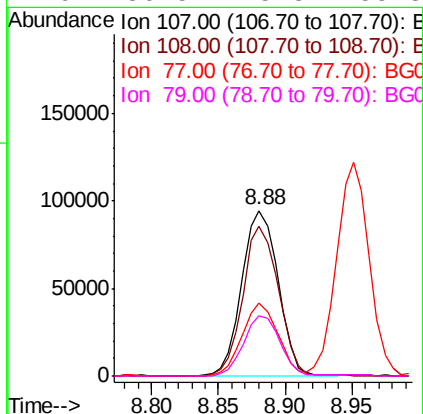
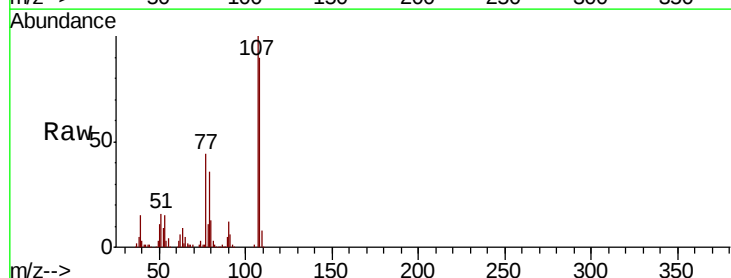
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

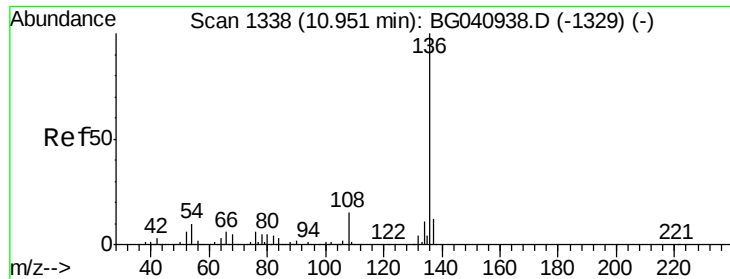
Tot Ion:	70	Resp:	134270
Ion	Ratio	Lower	Upper
70	100		
42	63.5	51.5	77.3
101	10.2	8.1	12.1
130	20.5	16.6	24.8



#20
3+4-Methylphenols
Concen: 37.007 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion:	107	Resp:	178295
Ion	Ratio	Lower	Upper
107	100		
108	90.3	66.8	106.8
77	43.8	20.5	60.5
79	36.5	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 215458

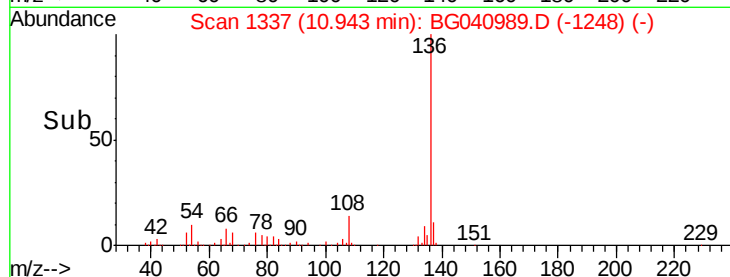
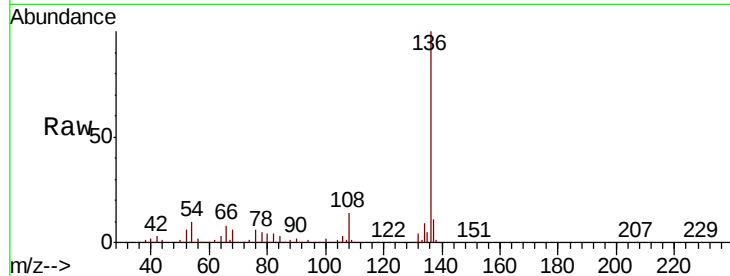
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 10.2 7.6 11.4

68 5.8 3.9 5.9

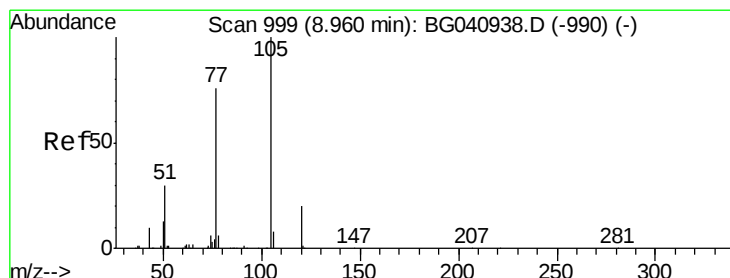
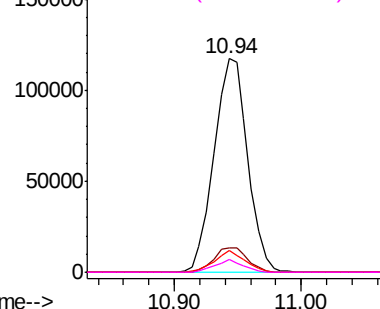


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.076 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Tgt Ion:105 Resp: 248263

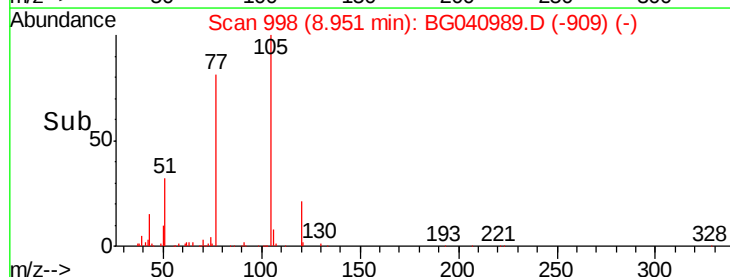
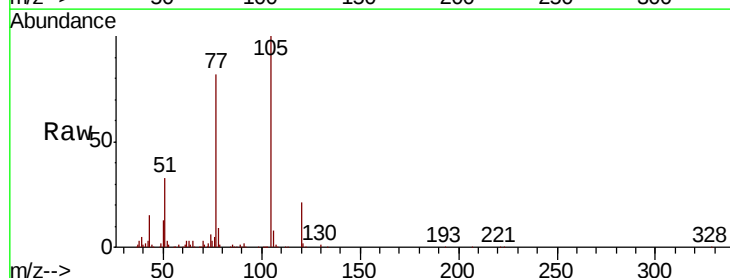
Ion Ratio Lower Upper

105 100

71 0.5 0.4 0.6

51 32.7 27.0 40.6

120 21.4 16.2 24.4

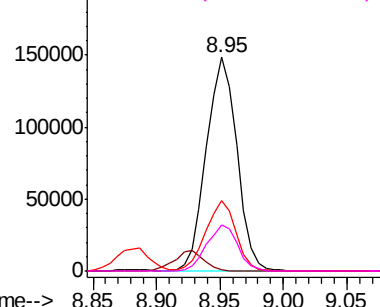


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

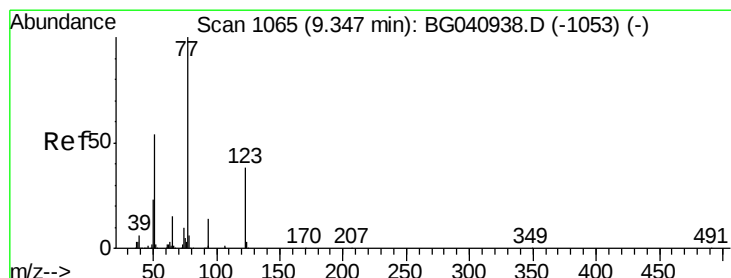
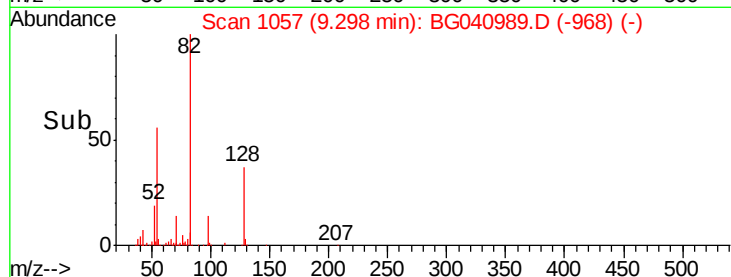
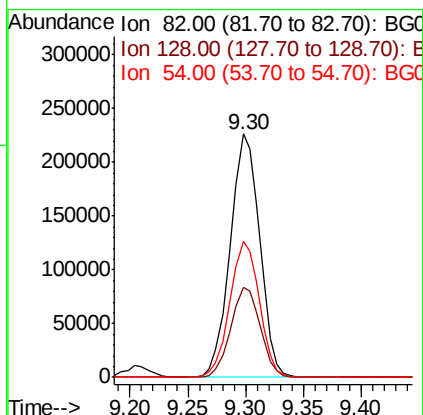
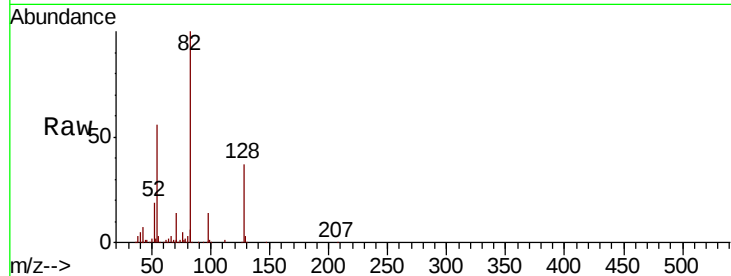




#23
 Nitrobenzene-d5
 Concen: 82.669 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

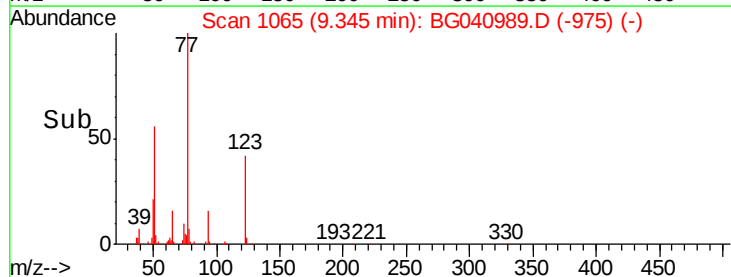
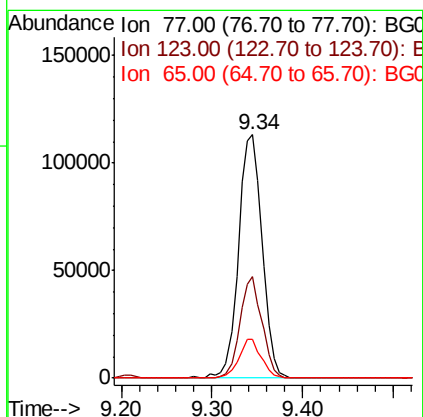
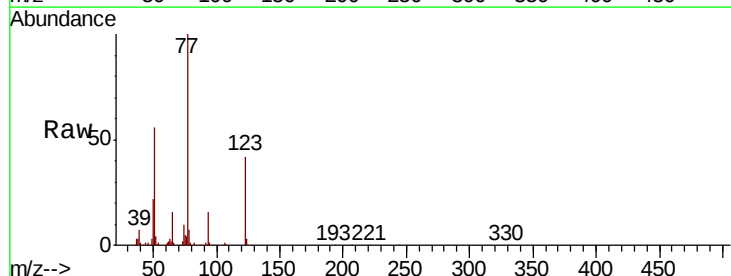
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

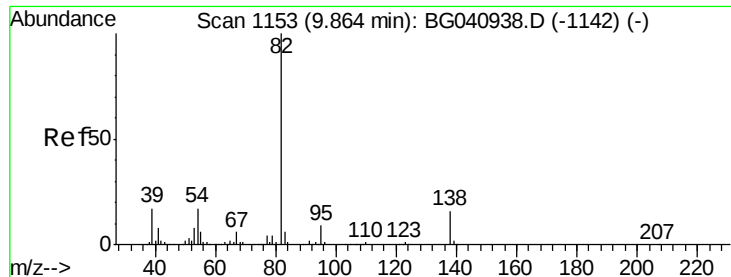
Tot Ion	82	Resp	401221
Ion Ratio	100	Lower	Upper
128	36.9	30.5	45.7
54	55.7	44.6	66.8



#24
 Nitrobenzene
 Concen: 41.488 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

Tgt Ion	77	Resp	205197
Ion Ratio	100	Lower	Upper
123	41.5	30.6	46.0
65	16.0	12.3	18.5





#25

Isophorone

Concen: 40.571 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

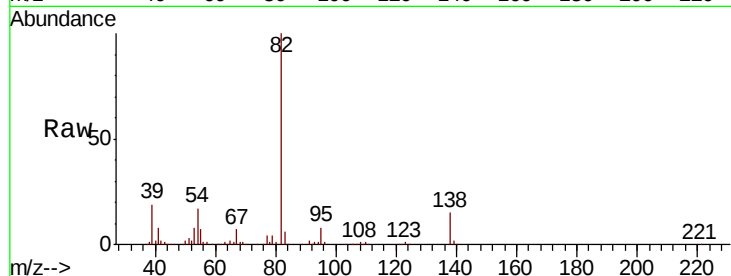
Tot Ion: 82 Resp: 374726

Ion Ratio Lower Upper

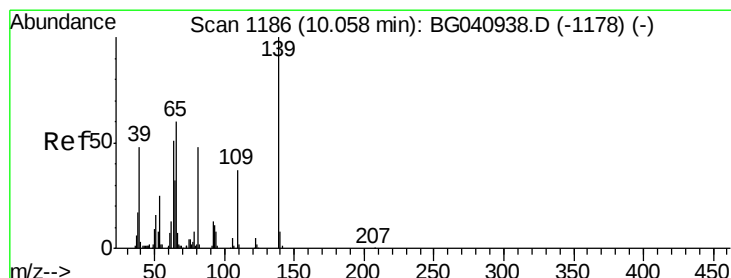
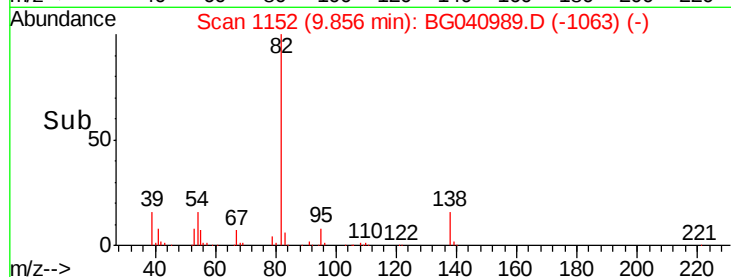
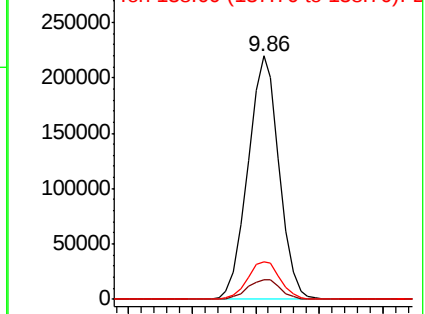
82 100

95 8.1 7.0 10.4

138 15.5 12.6 19.0



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: 39.897 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

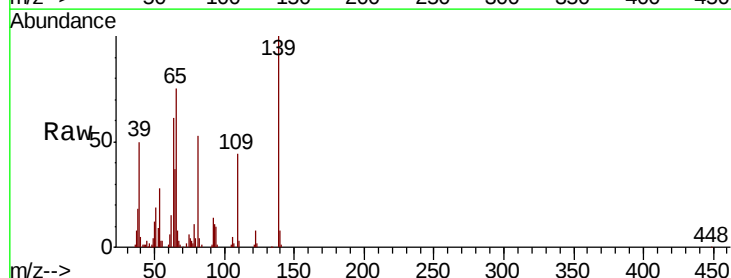
Tgt Ion: 139 Resp: 81349

Ion Ratio Lower Upper

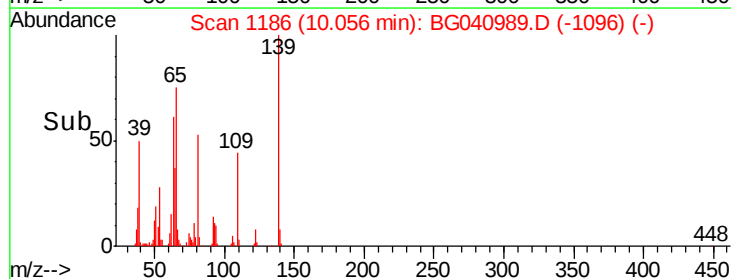
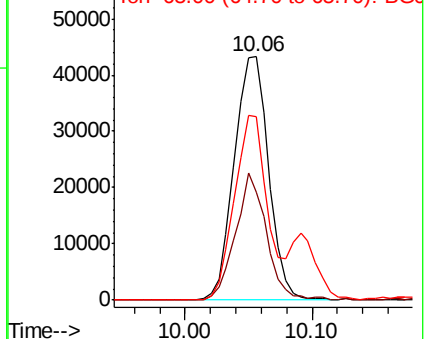
139 100

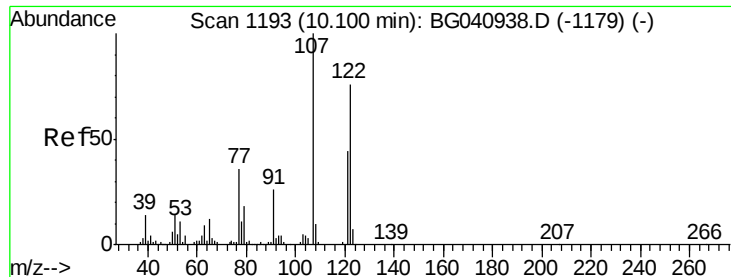
109 44.2 29.8 44.6

65 75.3 47.8 71.6#



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

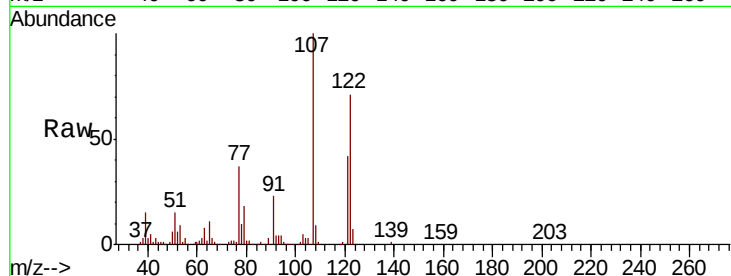




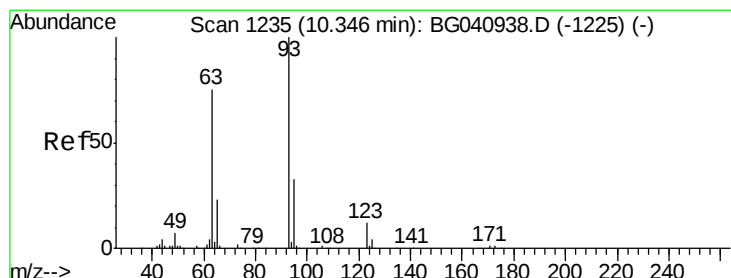
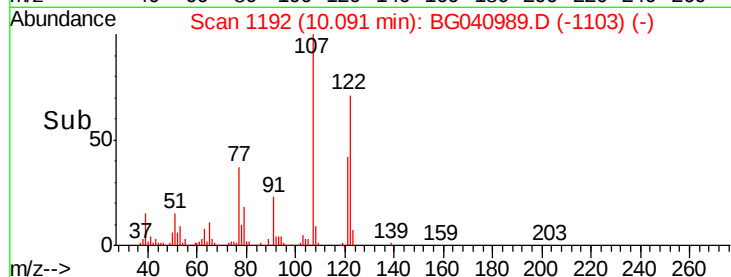
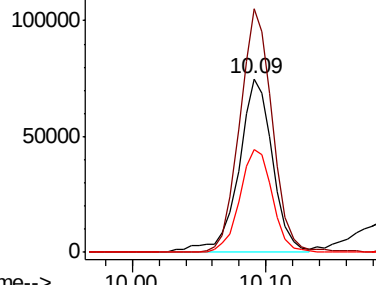
#27
2,4-Dimethylphenol
Concen: 39.293 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.3	105.9	158.9
121	59.4	46.2	69.4

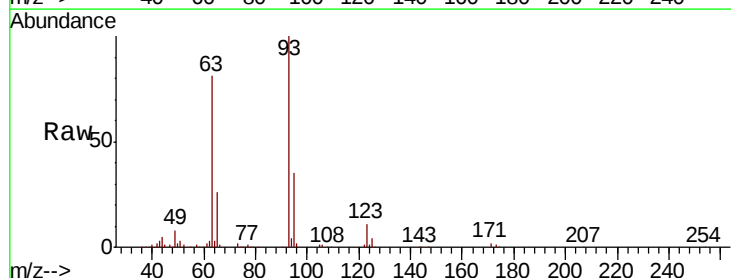


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

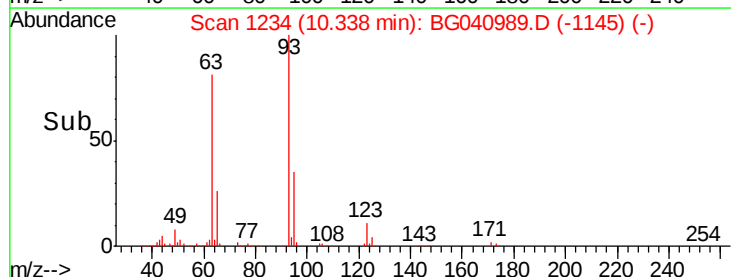
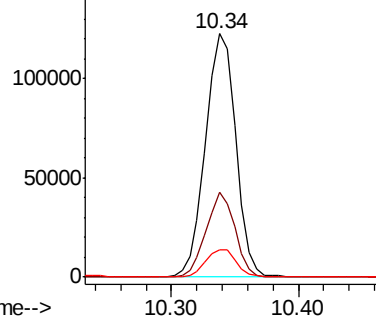


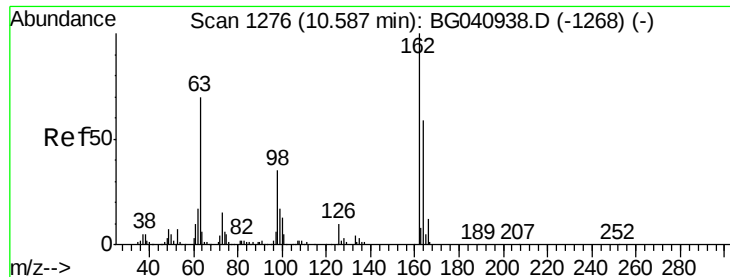
#28
bis(2-Chloroethoxy)methane
Concen: 40.799 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.9	26.2	39.2
123	11.2	9.5	14.3



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: 38.503 ng

RT: 10.58 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

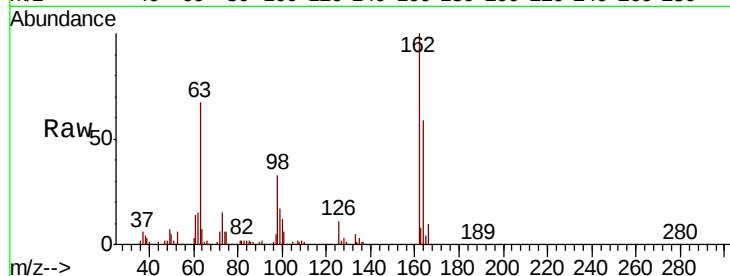
Tot Ion:162 Resp: 164652

Ion Ratio Lower Upper

162 100

164 58.5 39.4 79.4

98 33.4 15.3 55.3

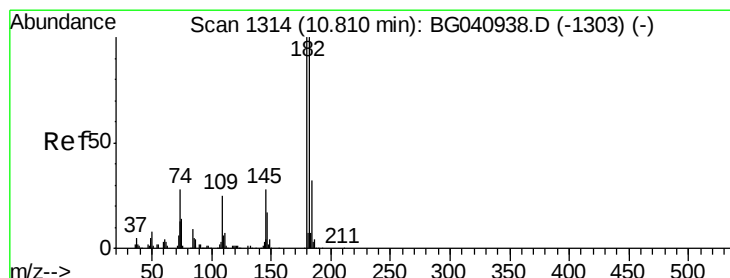
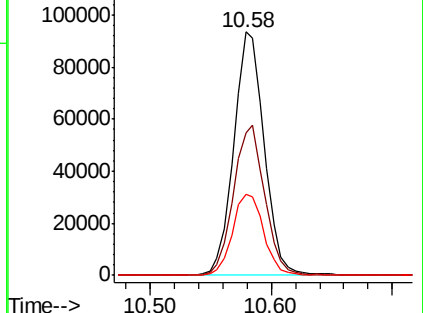
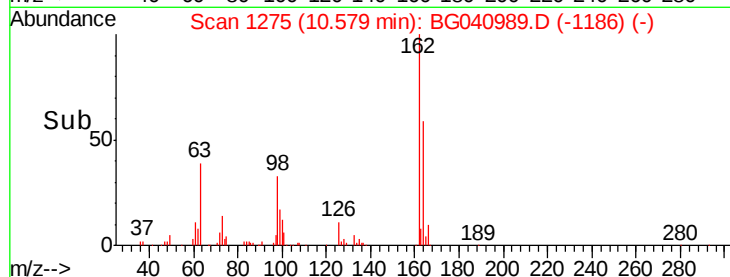


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.559 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

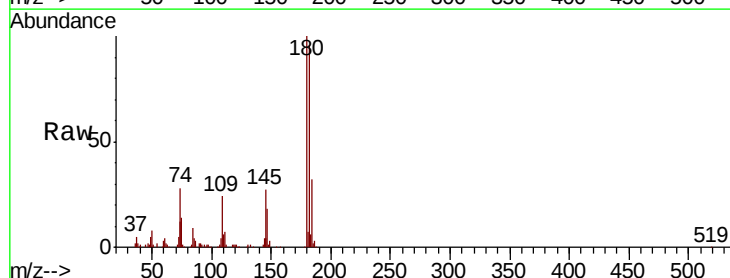
Tgt Ion:180 Resp: 197307

Ion Ratio Lower Upper

180 100

182 95.5 79.7 119.5

145 26.8 22.6 34.0

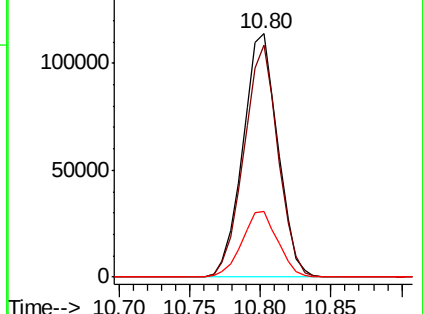
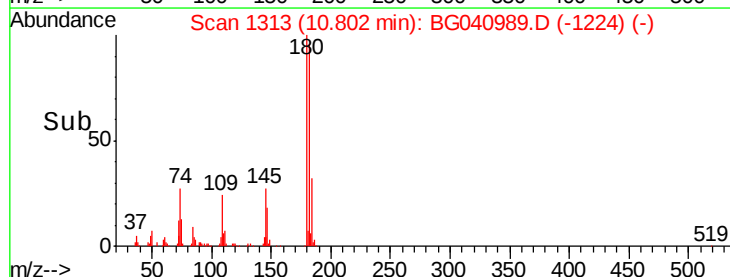


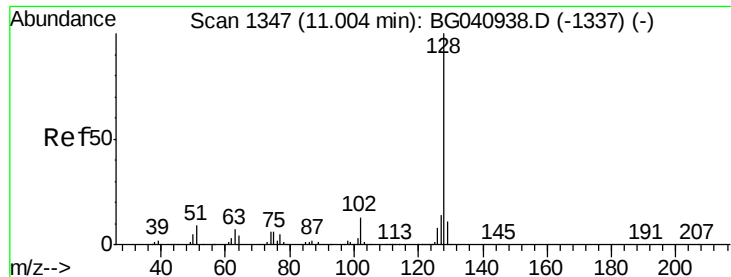
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

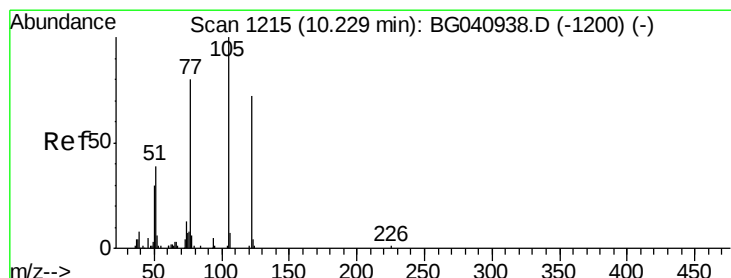
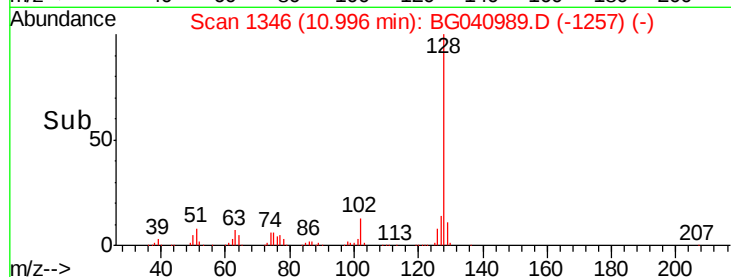
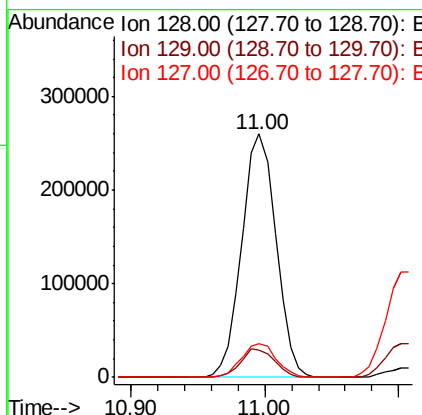
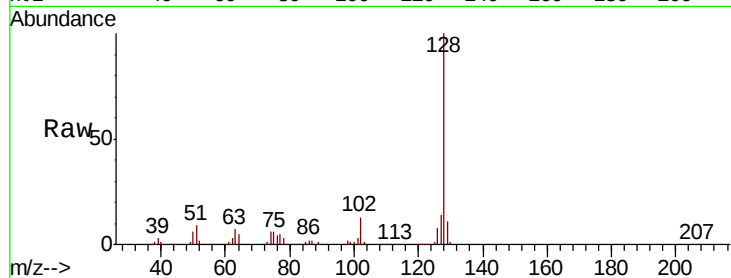




#31
Naphthalene
Concen: 39.852 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

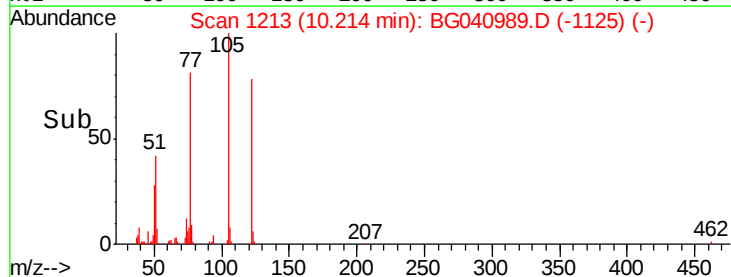
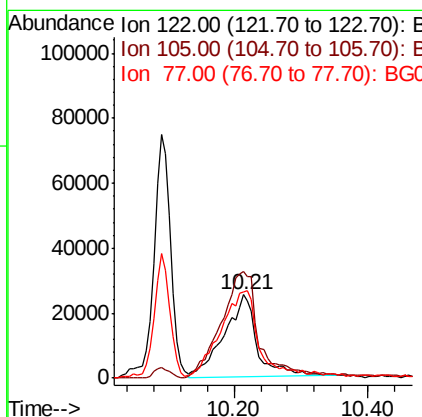
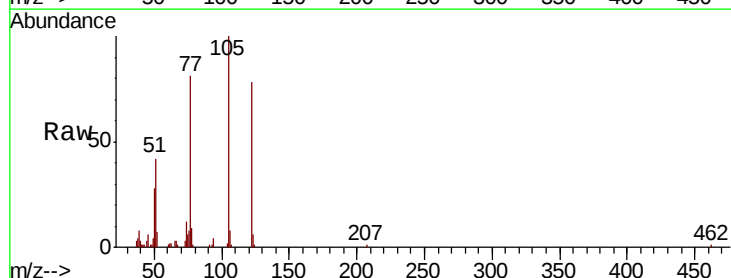
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

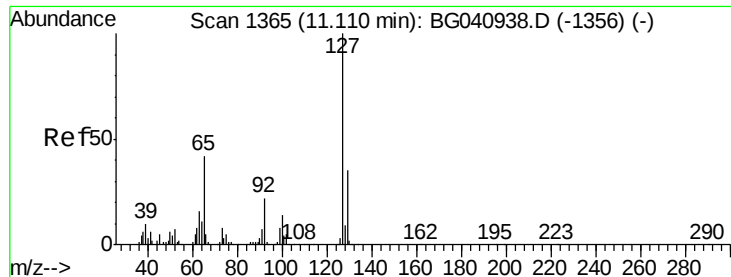
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	13.7	11.4	17.2



#32
Benzoic acid
Concen: 35.566 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.5	114.8	154.8
77	103.2	89.9	129.9

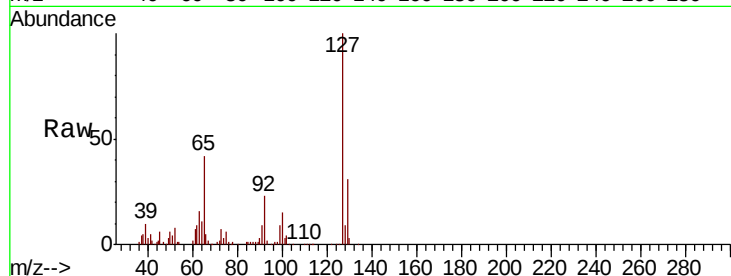




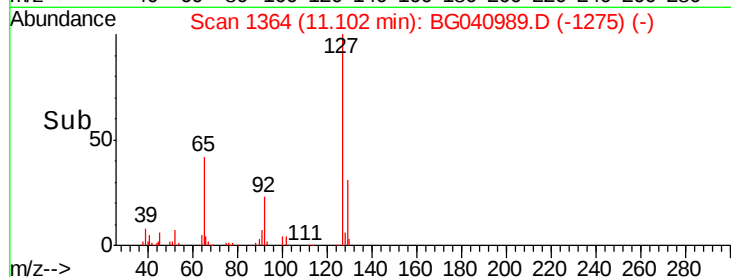
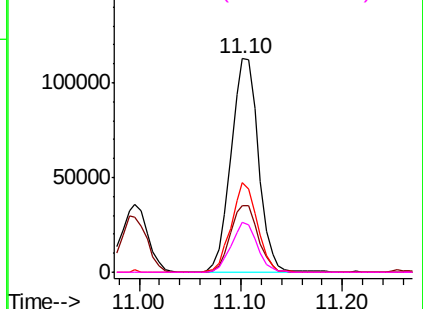
#33
4-Chloroaniline
Concen: 39.562 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	212347
Ion Ratio	Lower	Upper
127 100		
129 31.4	27.7	41.5
65 42.1	33.2	49.8
92 23.5	17.2	25.8

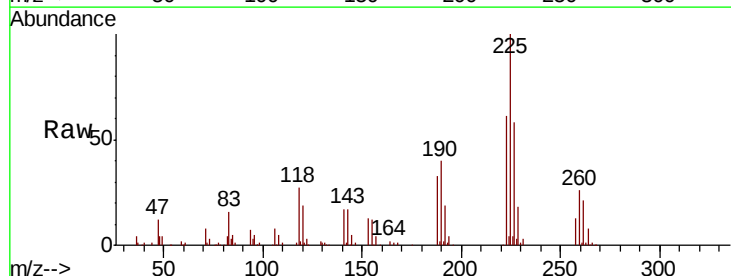


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

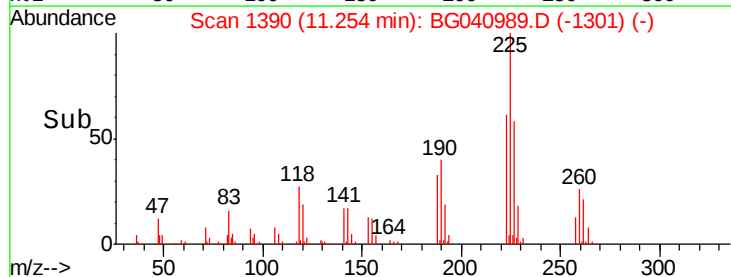
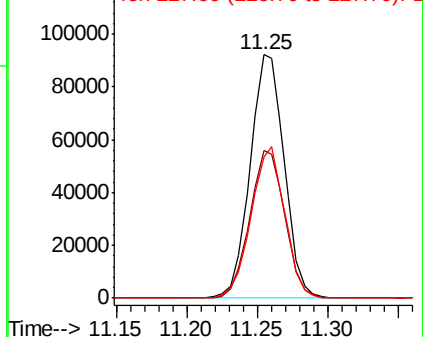


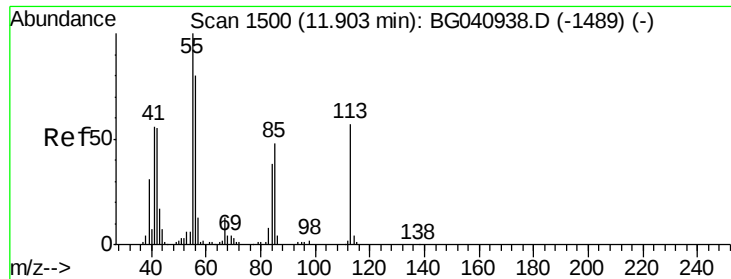
#34
Hexachlorobutadiene
Concen: 41.923 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion	225	Resp: Lower	156048 Upper
	Ratio		
225	100		
223	60.9	48.8	73.2
227	57.9	51.4	77.0



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: 37.779 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

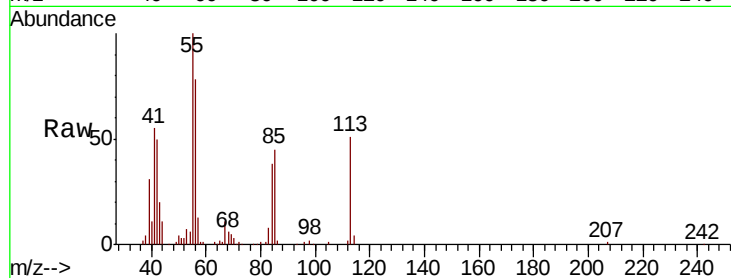
Tot Ion:113 Resp: 53349

Ion Ratio Lower Upper

113 100

55 194.4 155.9 195.9

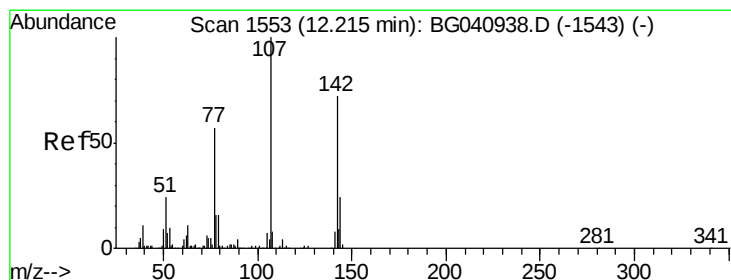
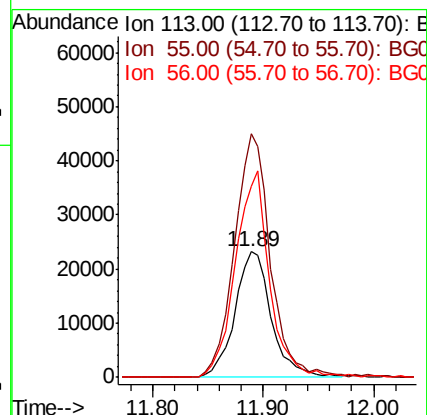
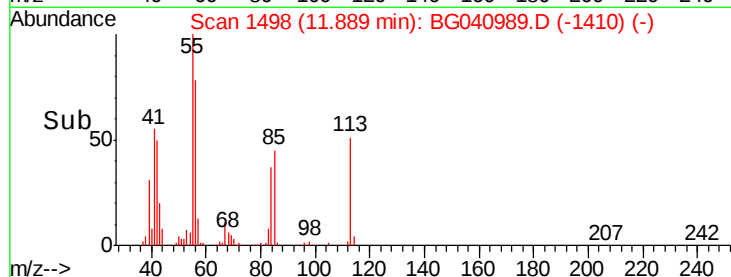
56 152.3 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.014 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

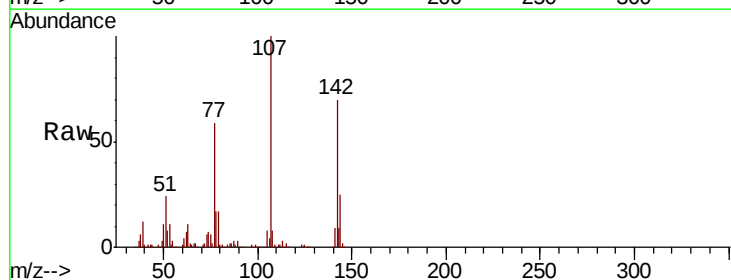
Tgt Ion:107 Resp: 185655

Ion Ratio Lower Upper

107 100

144 25.1 19.4 29.0

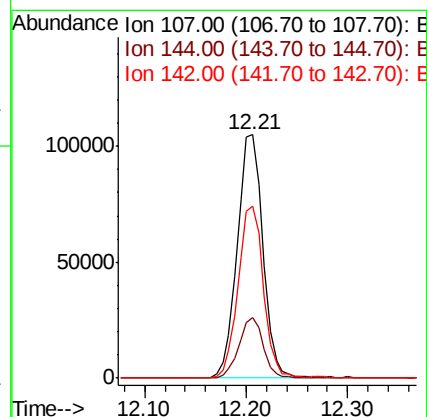
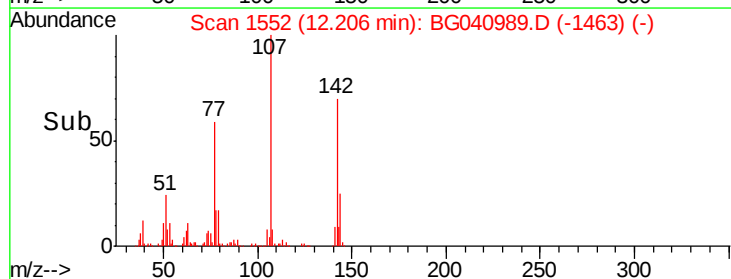
142 70.4 57.3 85.9

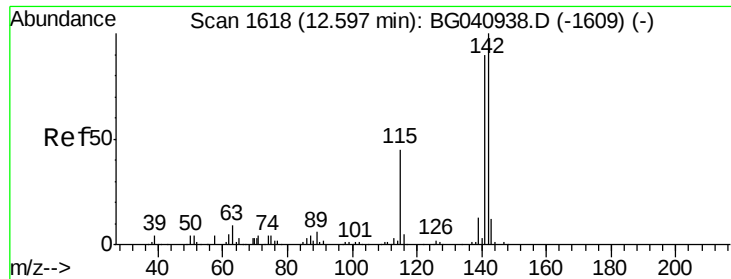


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

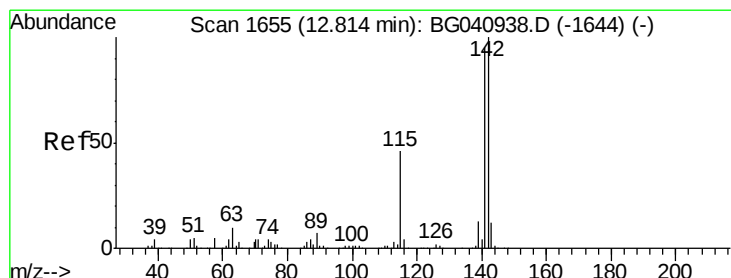
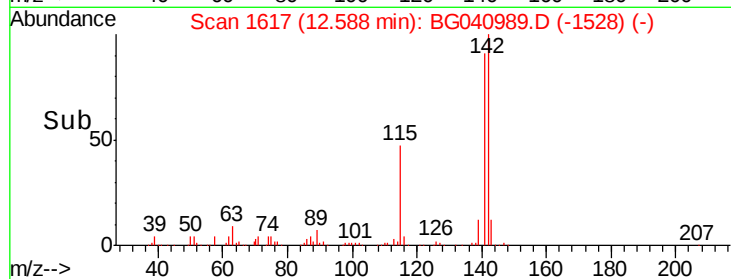
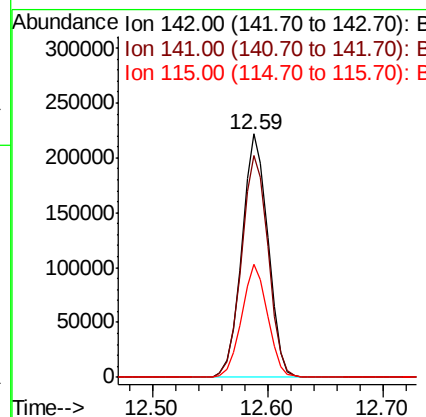
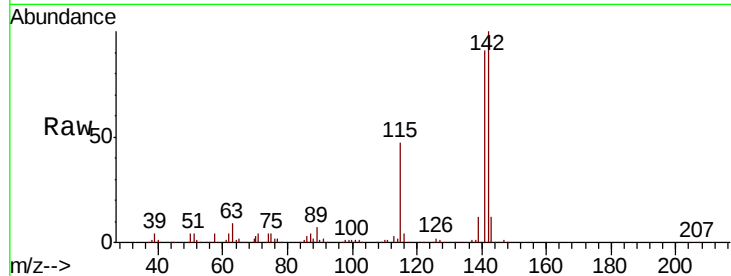




#37
2-Methylnaphthalene
Concen: 38.856 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

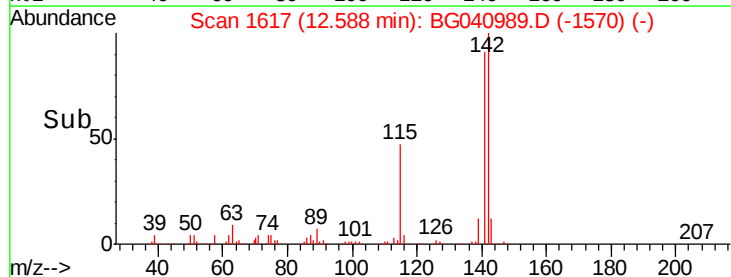
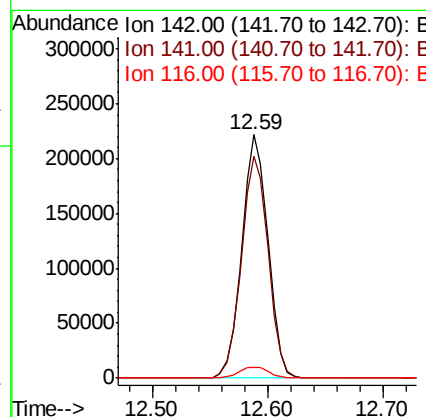
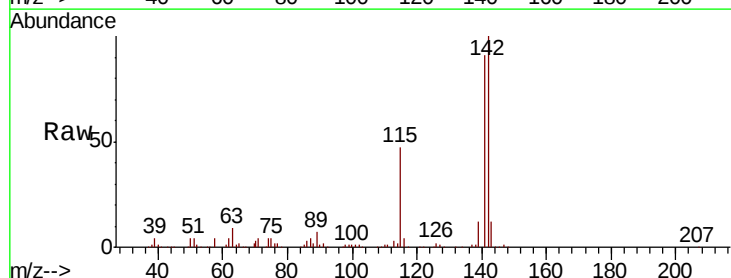
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

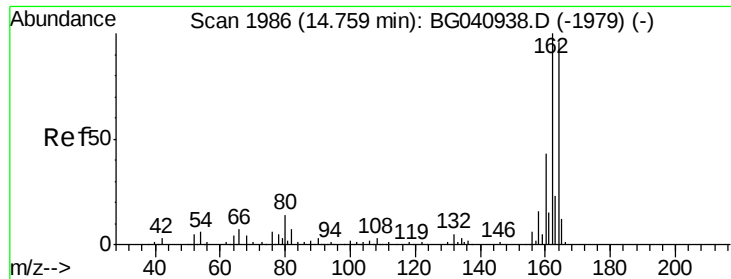
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.2	108.4
115	46.7	36.2	54.4



#38
1-Methylnaphthalene
Concen: 41.234 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.23 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.7	113.5
116	4.3	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

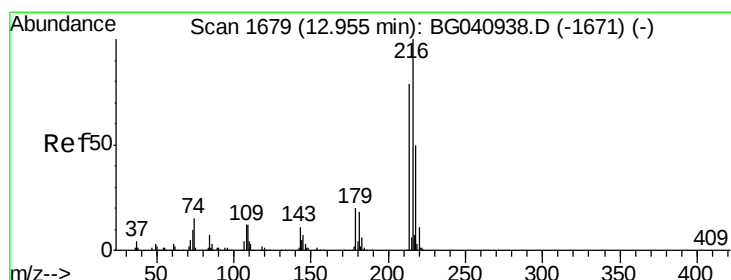
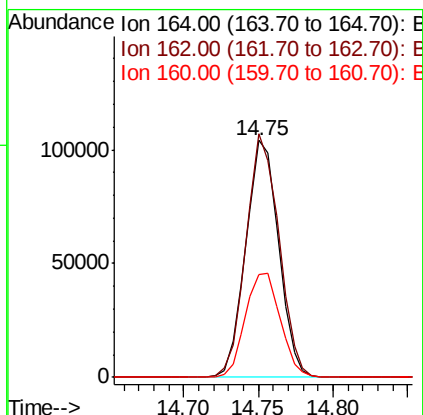
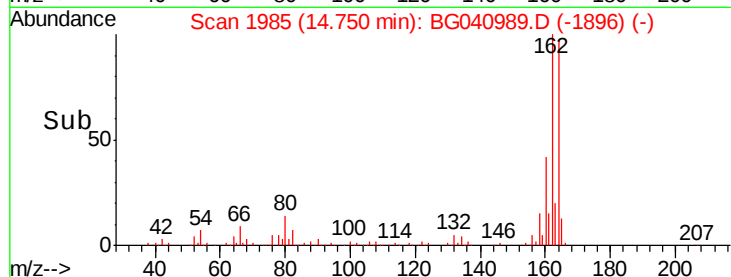
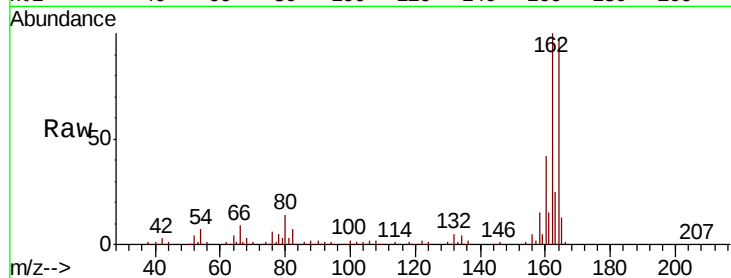
Tot Ion:164 Resp: 158648

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.4

160 43.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.741 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Tgt Ion:216 Resp: 260516

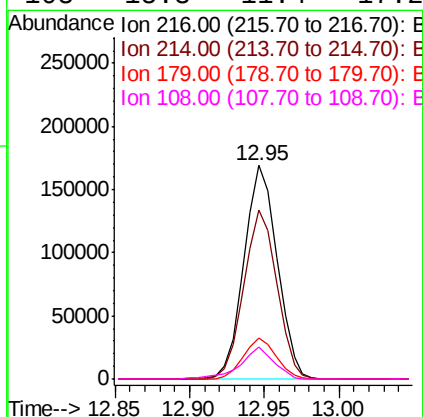
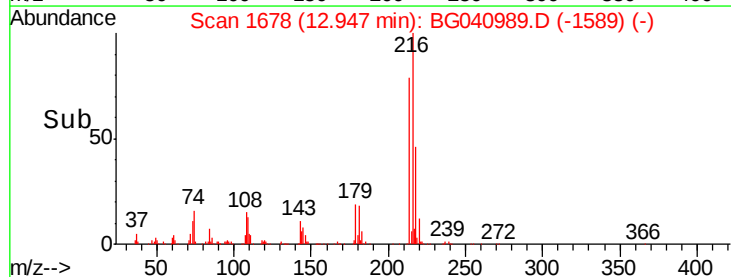
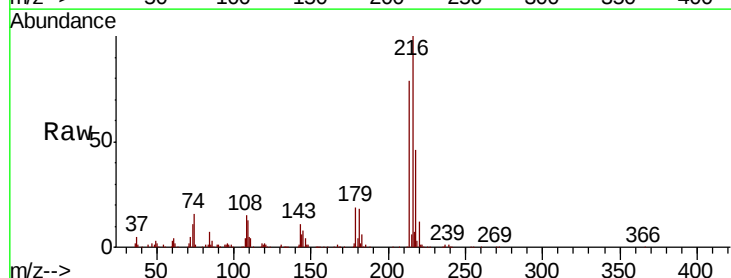
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 18.9 15.2 22.8

108 15.3 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 46.531 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

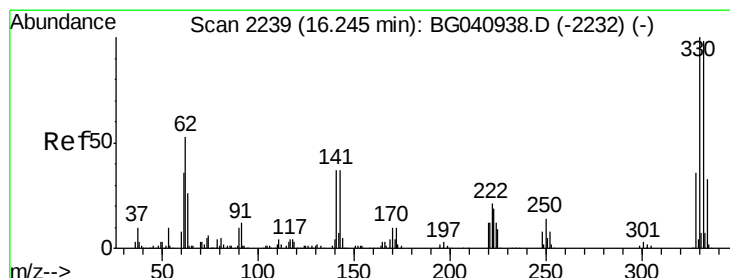
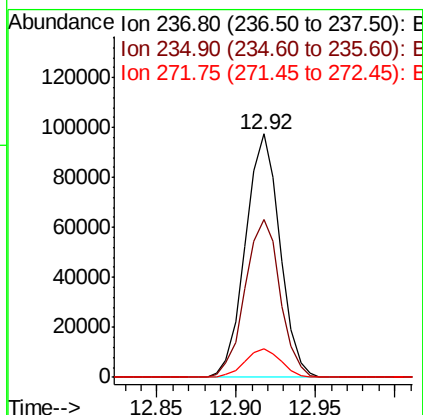
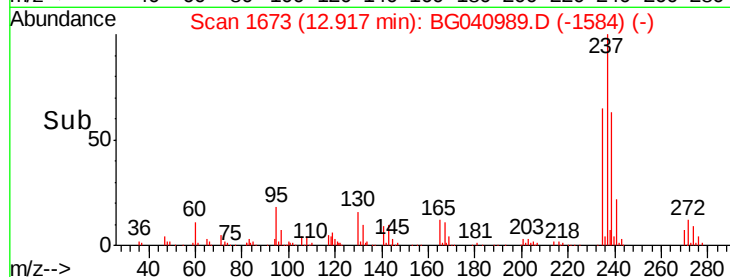
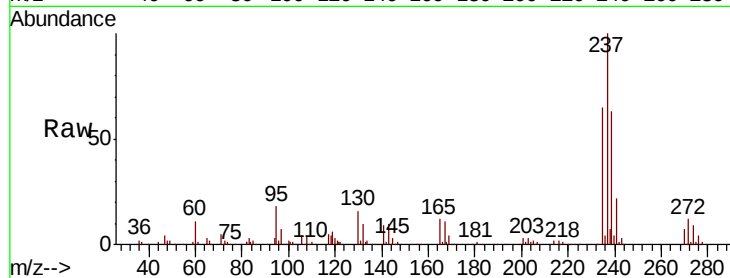
Tot Ion:237 Resp: 146740

Ion Ratio Lower Upper

237 100

235 65.0 45.5 85.5

272 11.9 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 79.506 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

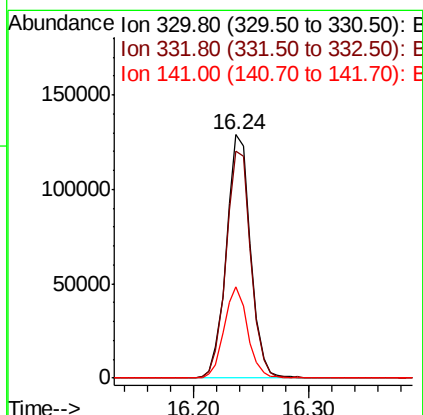
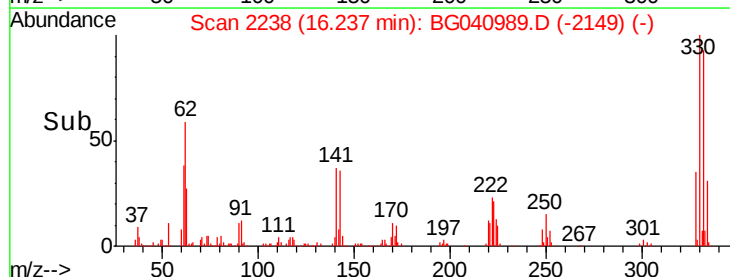
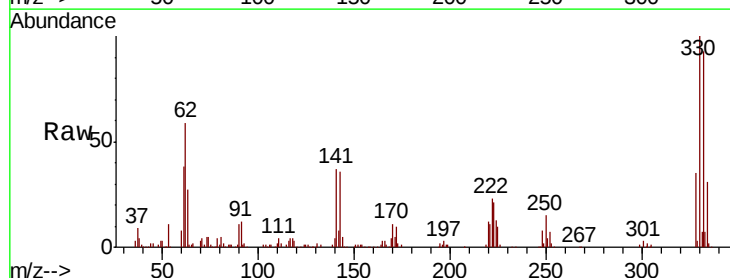
Tgt Ion:330 Resp: 187255

Ion Ratio Lower Upper

330 100

332 94.7 78.5 117.7

141 36.3 28.7 43.1

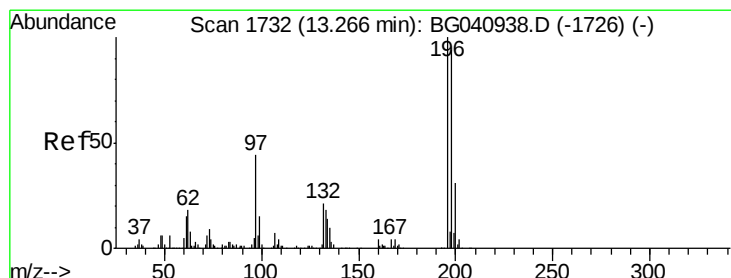
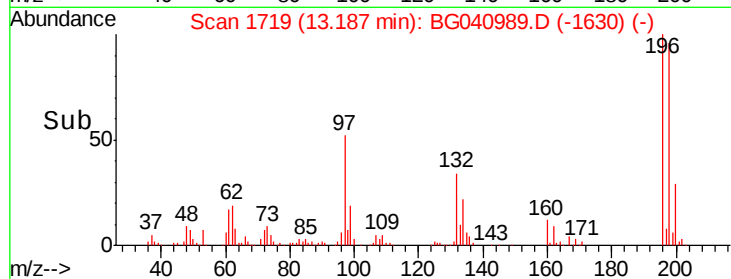
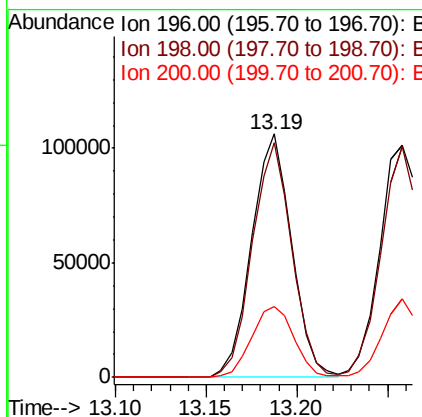
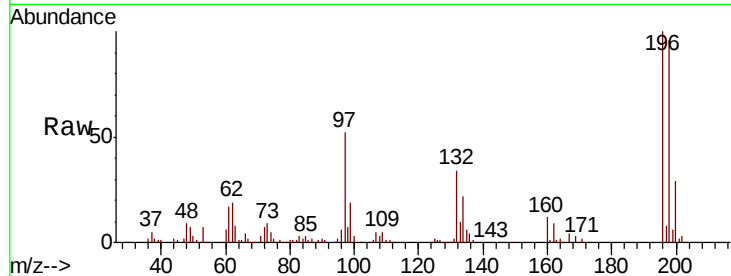




#43
 2,4,6-Trichlorophenol
 Concen: 39.468 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

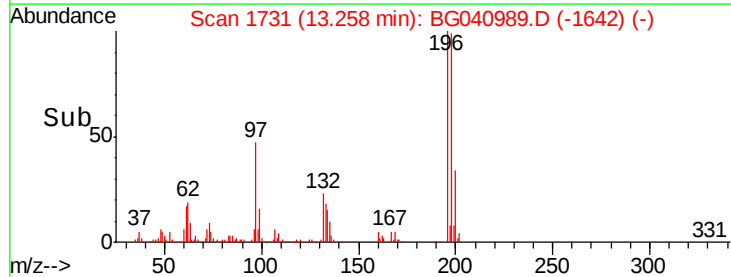
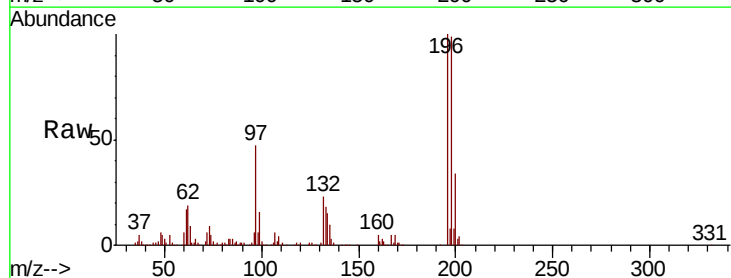
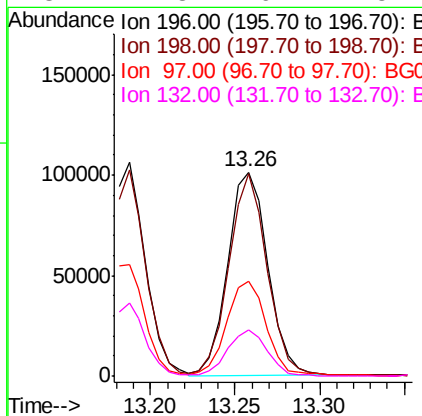
Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC040

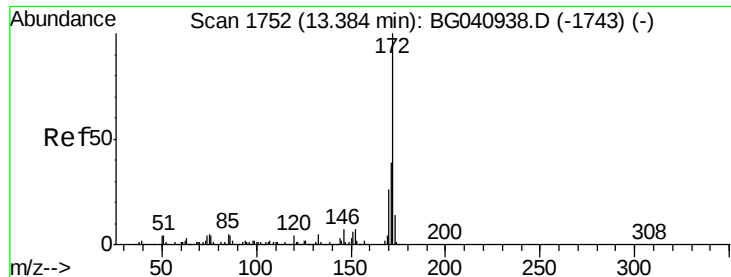
Tot Ion	196	Resp	163265
Ion Ratio	Lower	Upper	
196	100		
198	96.4	73.8	110.6
200	29.3	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 38.275 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

Tgt Ion	196	Resp	166977
Ion Ratio	Lower	Upper	
196	100		
198	99.2	75.1	112.7
97	46.7	35.6	53.4
132	22.8	16.7	25.1

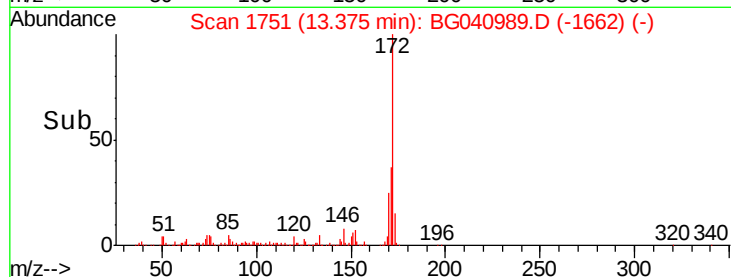
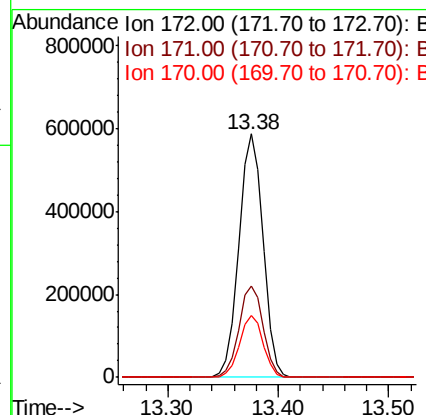
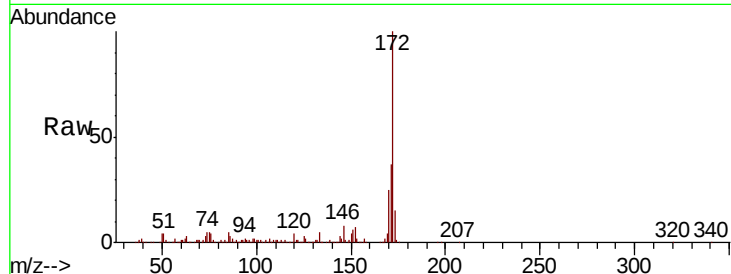




#45
2-Fluorobiphenyl
Concen: 81.803 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

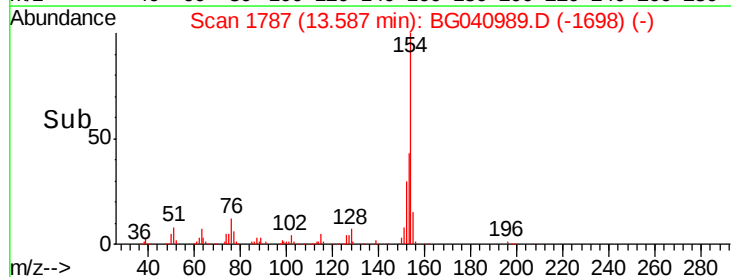
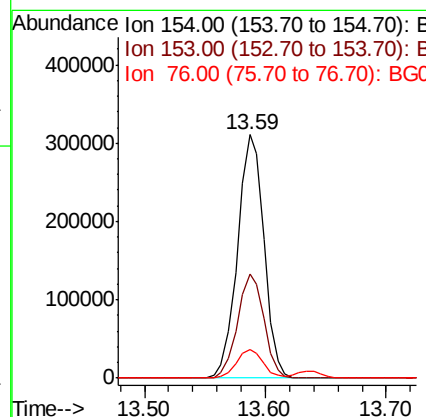
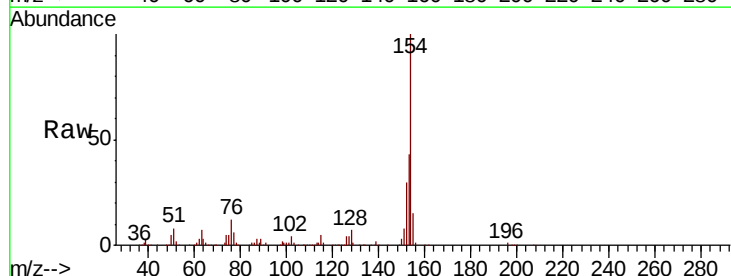
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

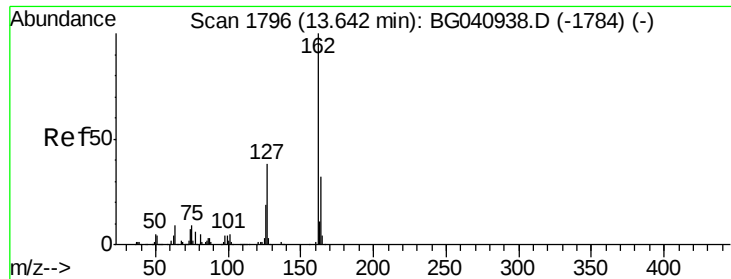
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.1	46.7
170	25.4	20.5	30.7



#46
1,1'-Biphenyl
Concen: 40.172 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.3	63.3
76	11.6	0.0	31.1

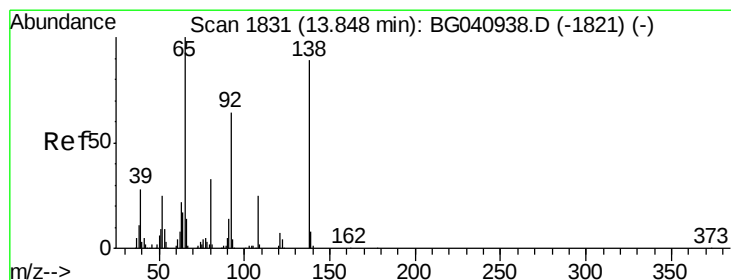
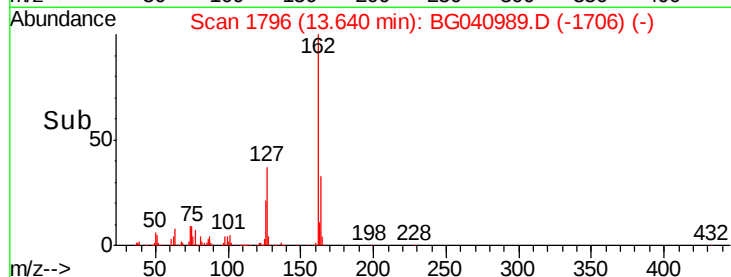
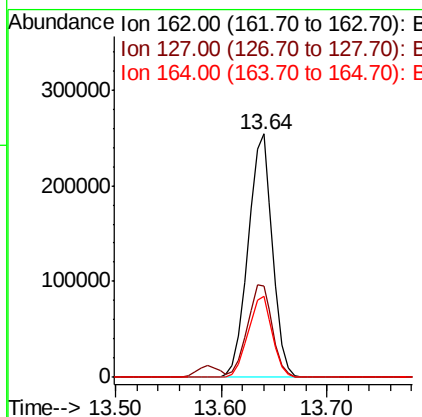
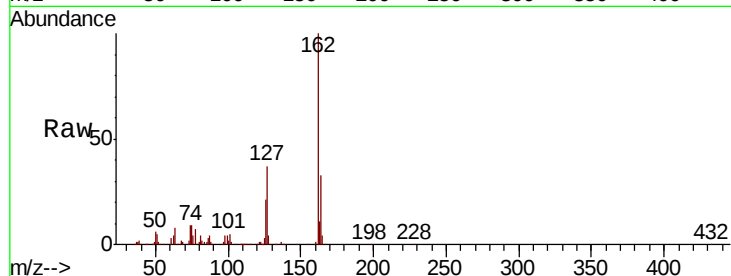




#47
 2-Chloronaphthalene
 Concen: 40.218 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

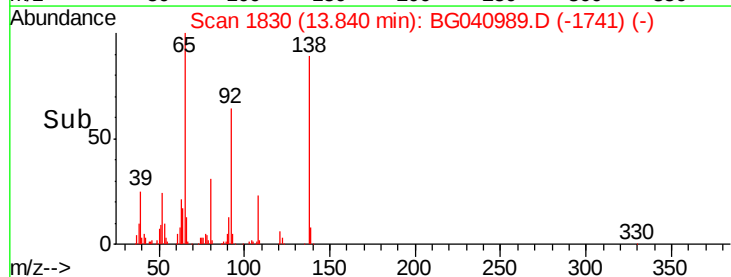
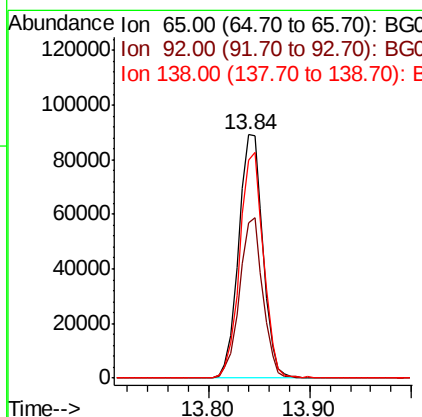
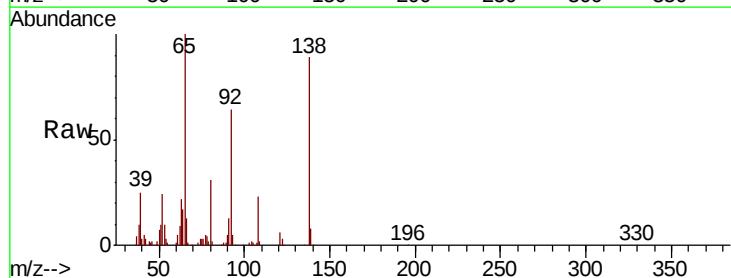
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

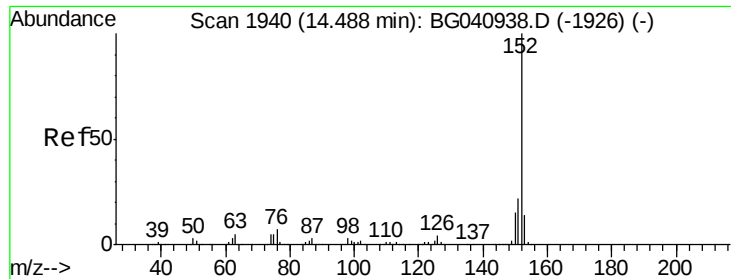
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.5	45.7
164	33.4	25.8	38.6



#48
 2-Nitroaniline
 Concen: 41.036 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	51.0	76.6
138	89.4	71.2	106.8





#49

Acenaphthylene

Concen: 39.808 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

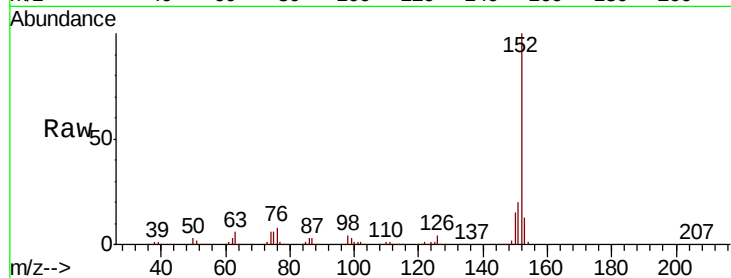
Tot Ion:152 Resp: 604023

Ion Ratio Lower Upper

152 100

151 20.4 17.4 26.0

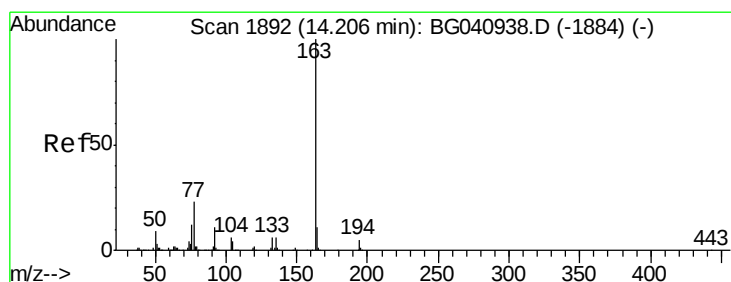
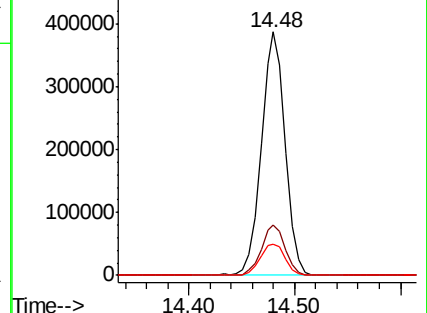
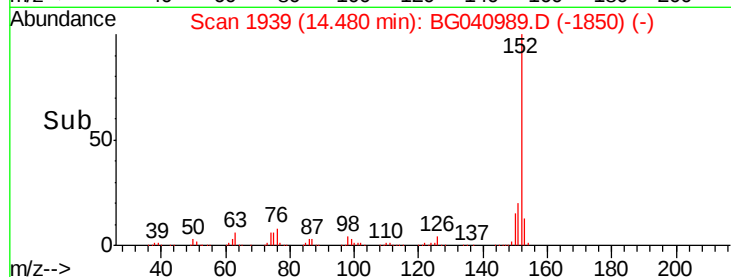
153 12.9 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.769 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

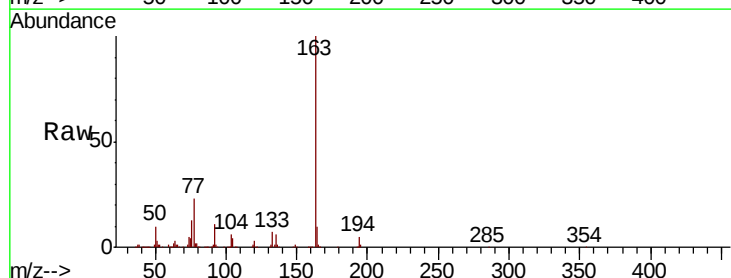
Tgt Ion:163 Resp: 534086

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

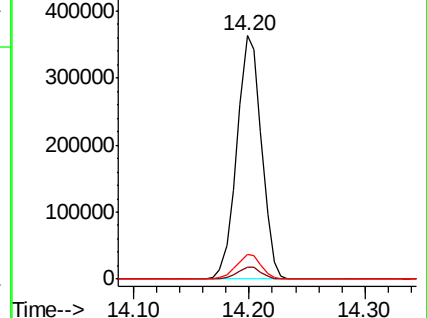
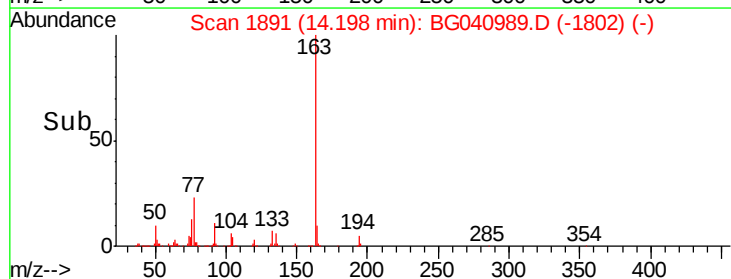
164 10.3 8.7 13.1

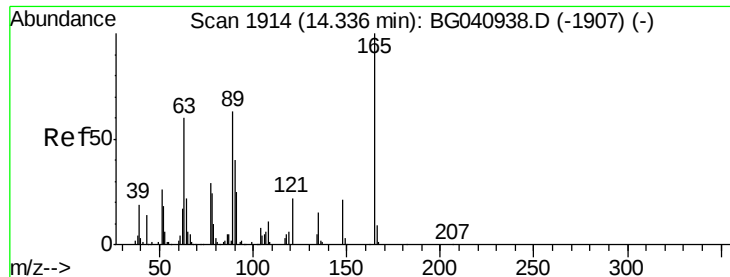


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.700 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

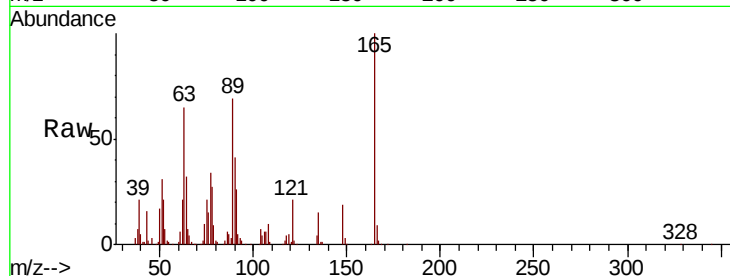
Tot Ion:165 Resp: 114954

Ion Ratio Lower Upper

165 100

63 64.6 53.6 80.4

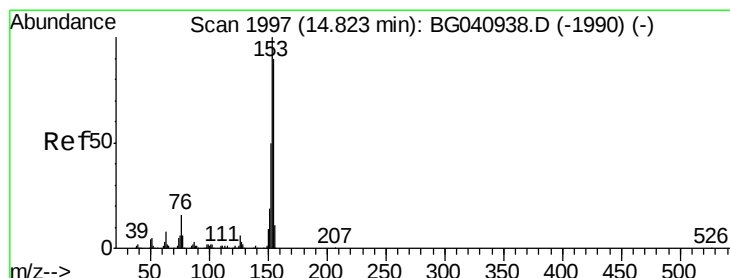
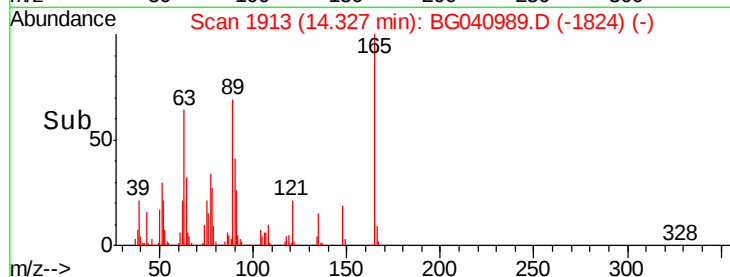
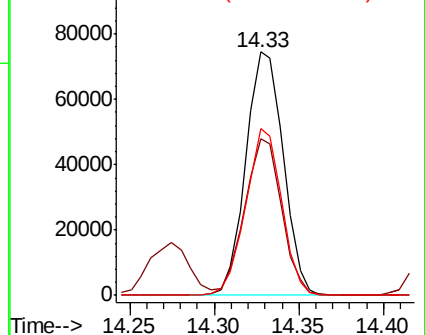
89 68.7 50.4 75.6



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: 39.207 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

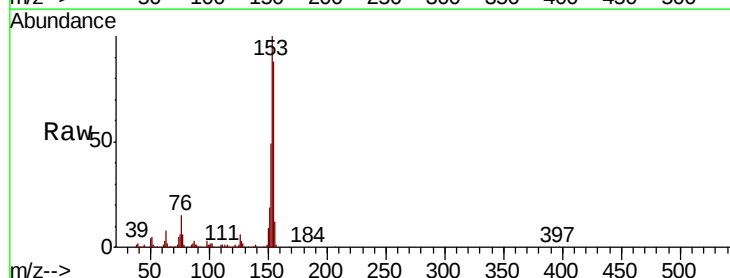
Tgt Ion:154 Resp: 360388

Ion Ratio Lower Upper

154 100

153 113.9 88.6 133.0

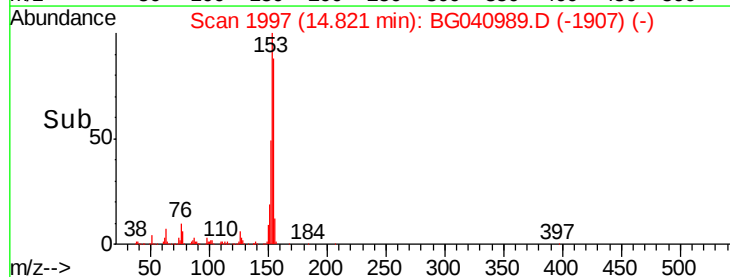
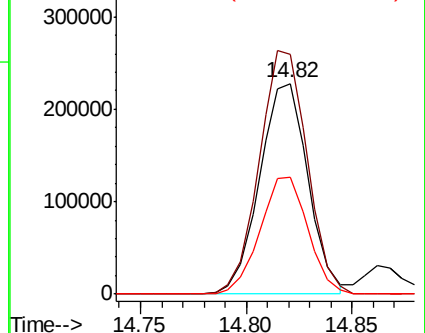
152 55.7 44.2 66.4



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: 40.829 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

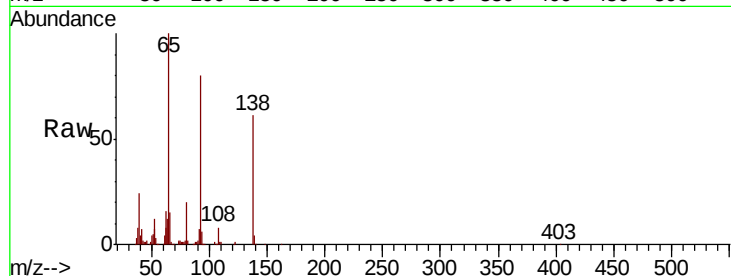
Tot Ion:138 Resp: 118218

Ion Ratio Lower Upper

138 100

108 12.7 8.5 12.7

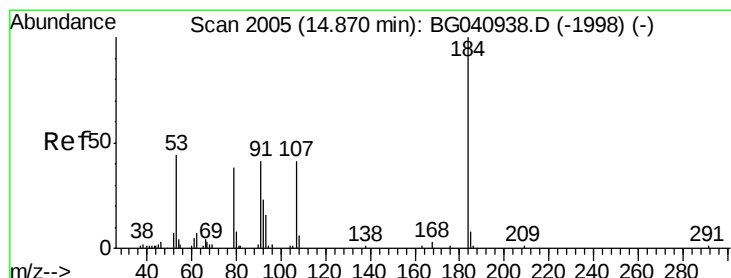
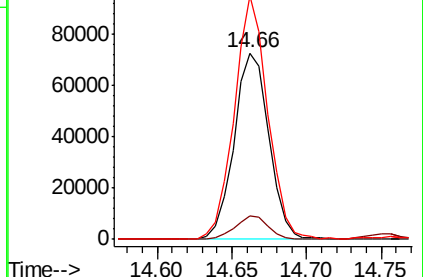
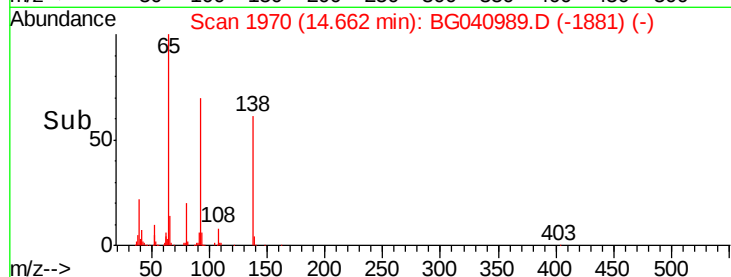
92 130.7 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 57.119 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

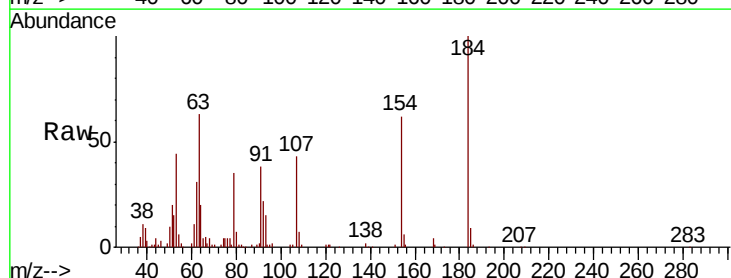
Tgt Ion:184 Resp: 74502

Ion Ratio Lower Upper

184 100

63 63.3 49.8 74.6

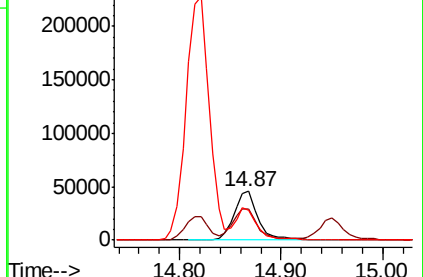
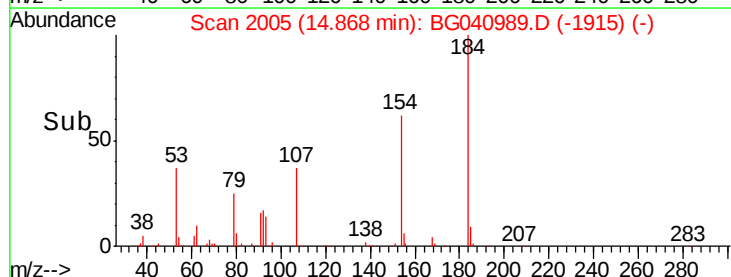
154 62.4 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.444 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

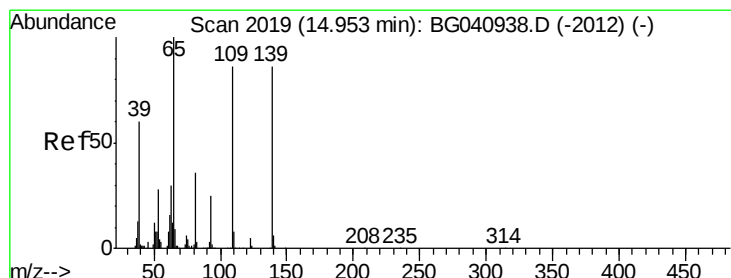
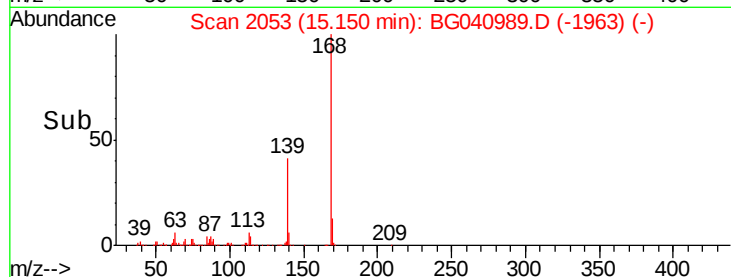
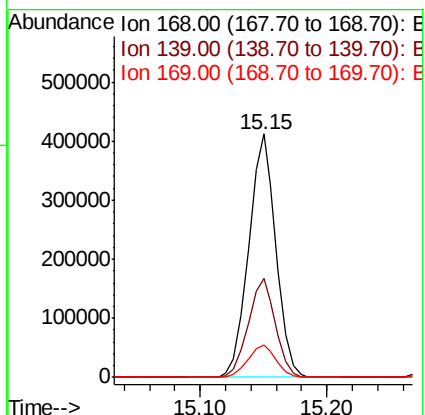
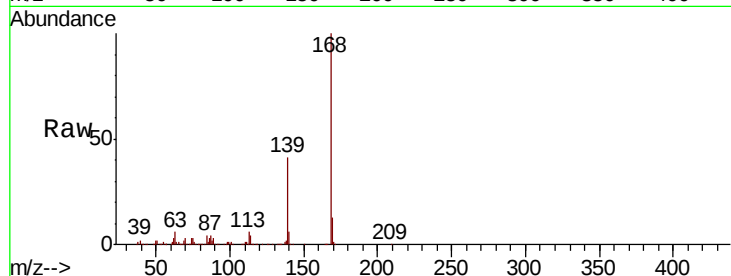
Tot Ion:168 Resp: 610065

Ion Ratio Lower Upper

168 100

139 40.6 32.8 49.2

169 13.2 11.3 16.9



#56

4-Nitrophenol

Concen: 41.788 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

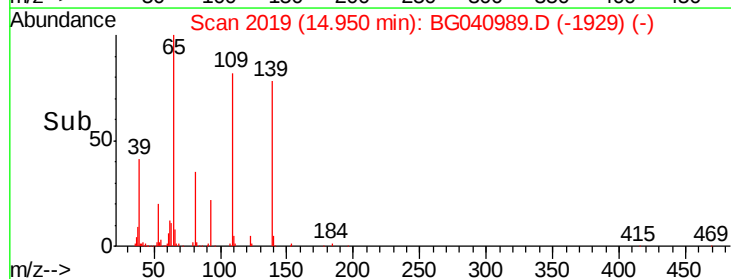
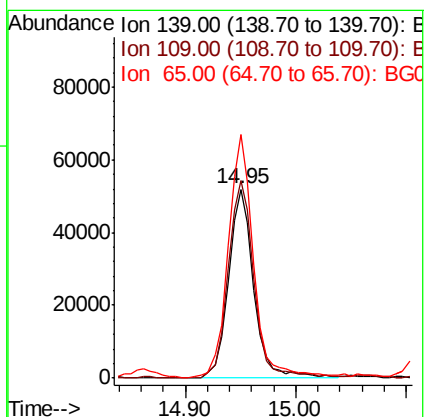
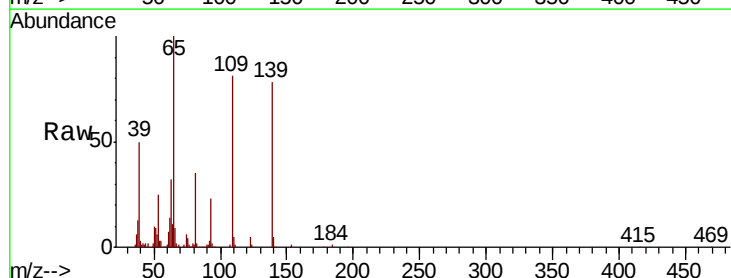
Tgt Ion:139 Resp: 82991

Ion Ratio Lower Upper

139 100

109 104.6 79.6 119.6

65 129.0 96.9 136.9





#57

2,4-Dinitrotoluene

Concen: 40.331 ng

RT: 15.11 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 164960

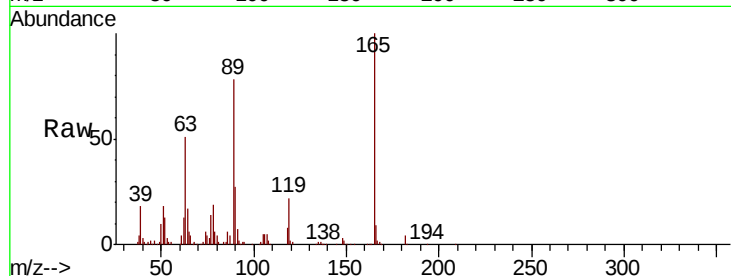
Ion Ratio Lower Upper

165 100

63 50.6 37.3 55.9

89 78.2 61.0 91.6

182 3.5 2.2 3.2#

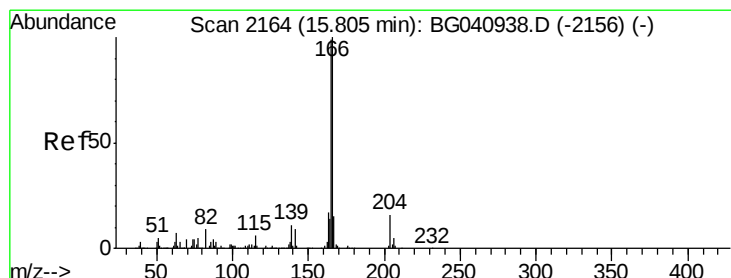
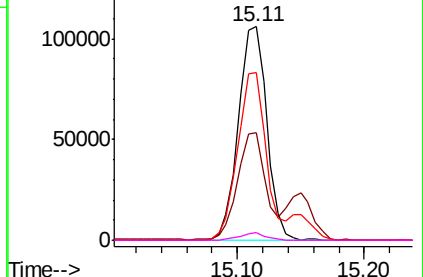
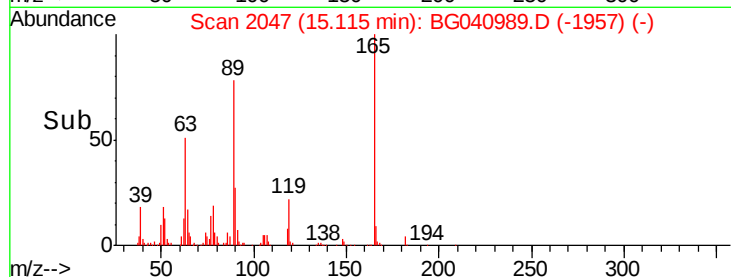


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.898 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

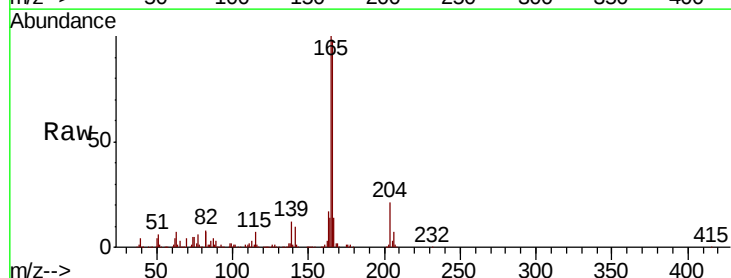
Tgt Ion:166 Resp: 479128

Ion Ratio Lower Upper

166 100

165 102.3 79.2 118.8

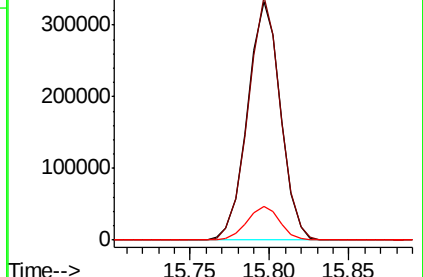
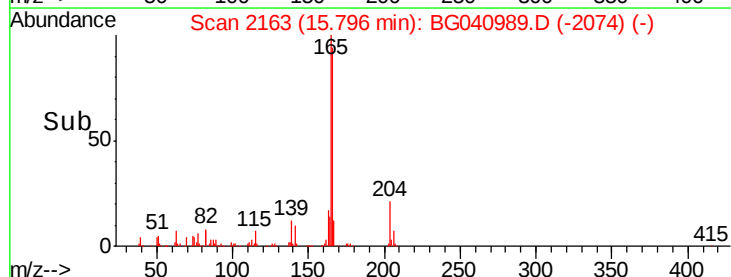
167 14.3 11.8 17.6

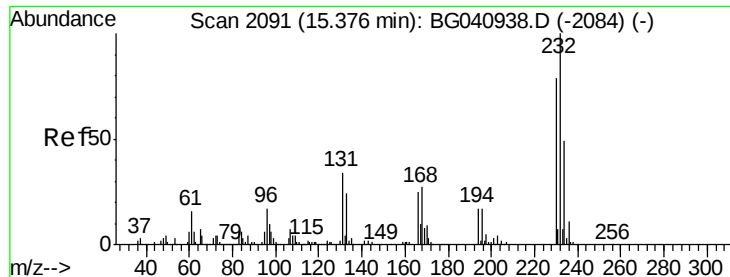


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

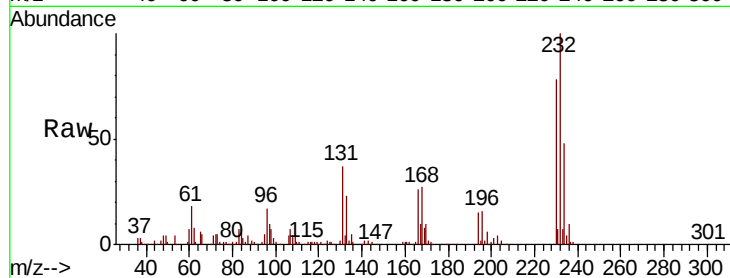




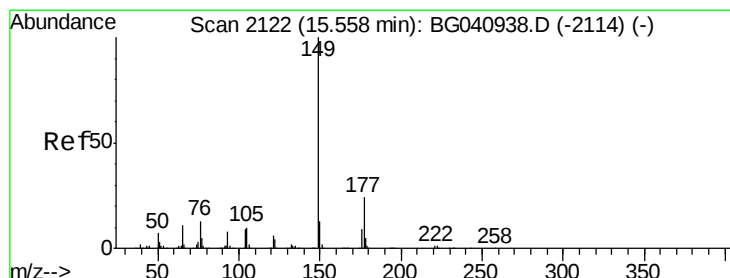
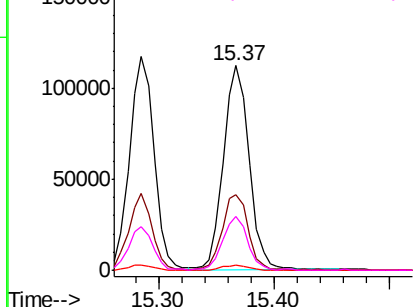
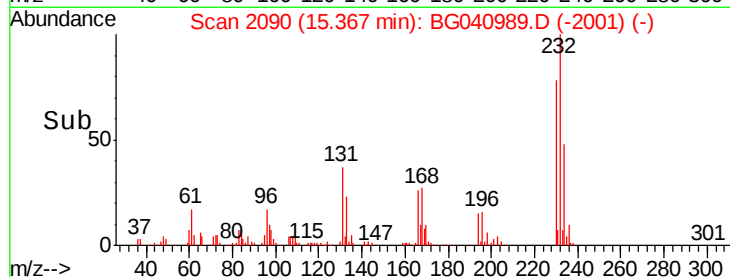
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.246 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	172547
Ion Ratio	Lower	Upper
232	100	
131	37.3	30.3 45.5
130	2.4	1.8 2.8
166	25.7	21.3 31.9

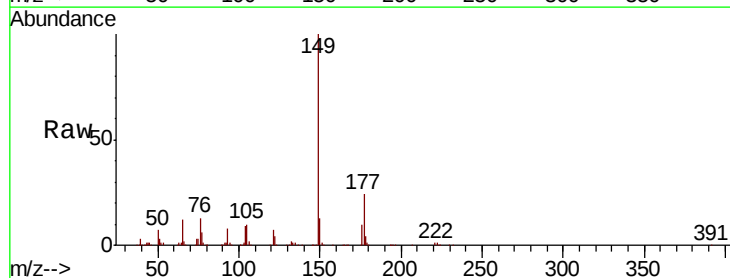


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

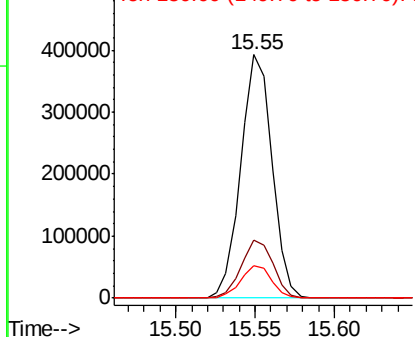
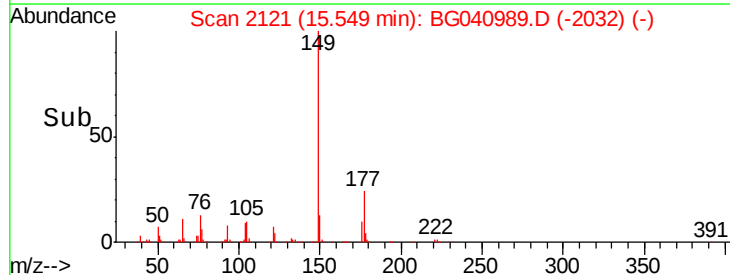


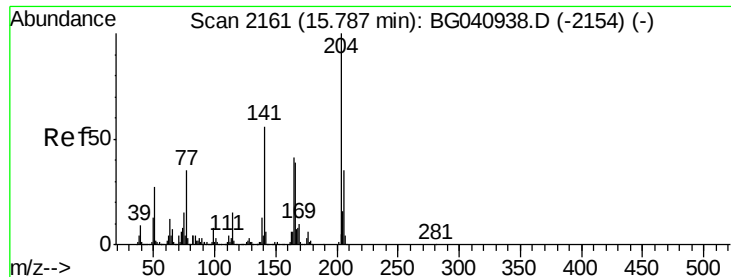
#60
 Diethylphthalate
 Concen: 39.132 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

Tgt Ion:149	Resp:	536315
Ion Ratio	Lower	Upper
149	100	
177	23.8	19.4 29.0
150	13.2	10.3 15.5



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

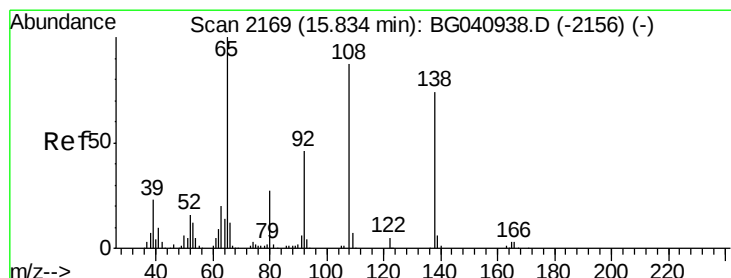
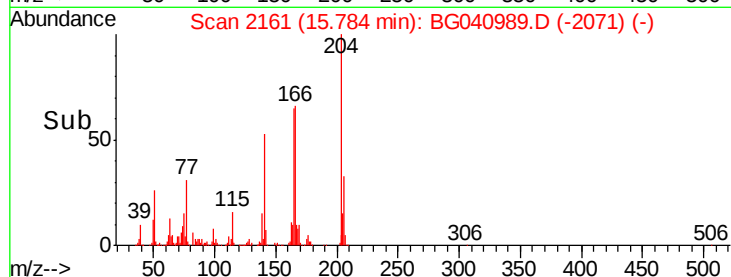
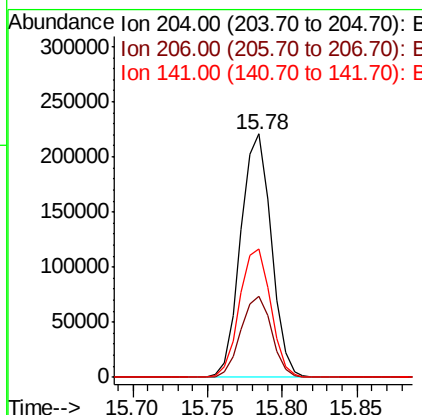
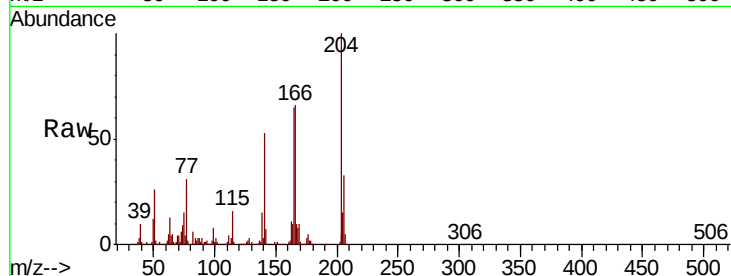




#61
 4-Chlorophenyl-phenylether
 Concen: 39.215 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

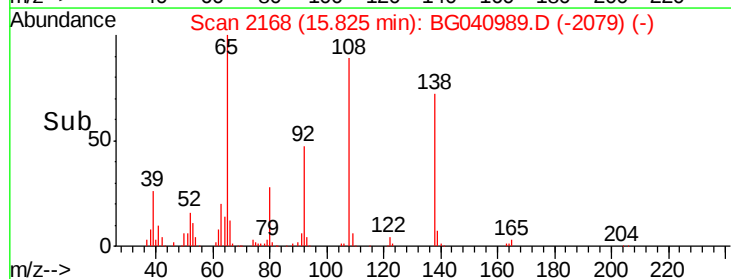
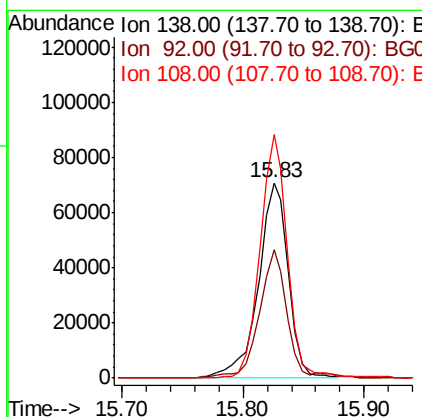
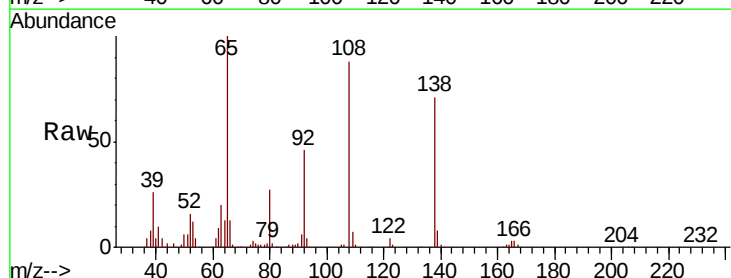
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.6	41.4
141	52.7	45.1	67.7



#62
 4-Nitroaniline
 Concen: 39.765 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.4	42.4	82.4
108	124.7	96.9	136.9





#63

Azobenzene

Concen: 39.850 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 496401

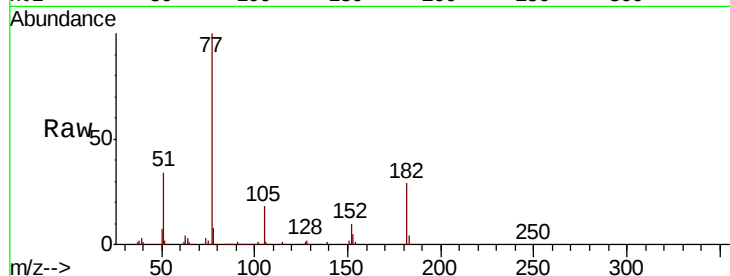
Ion Ratio Lower Upper

77 100

182 29.2 9.6 49.6

105 18.0 0.0 37.5

51 33.6 13.7 53.7

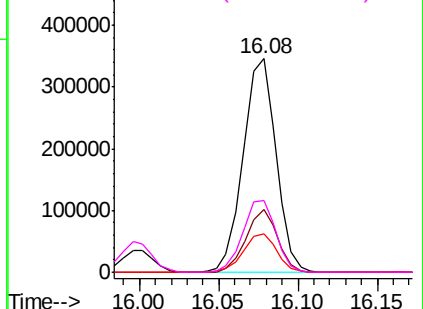
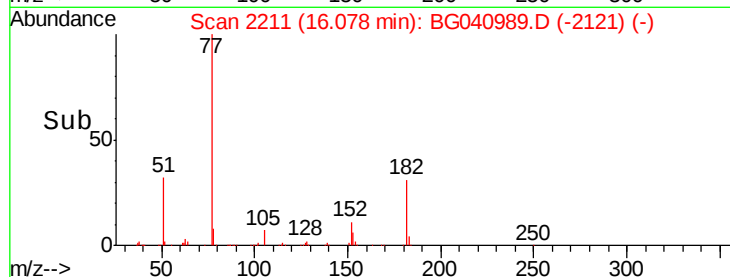


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

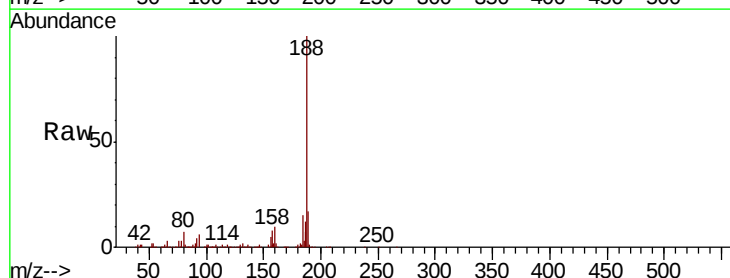
Tgt Ion: 188 Resp: 392897

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

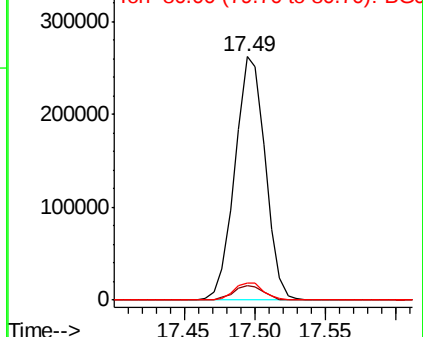
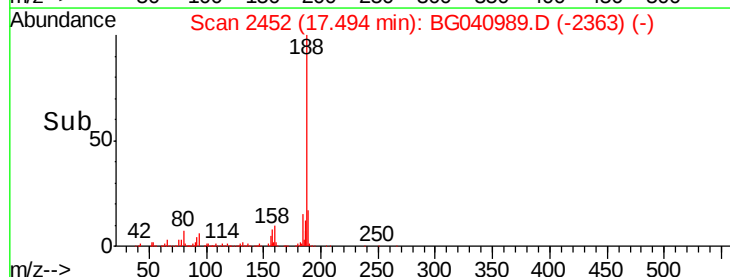
80 6.8 5.8 8.8

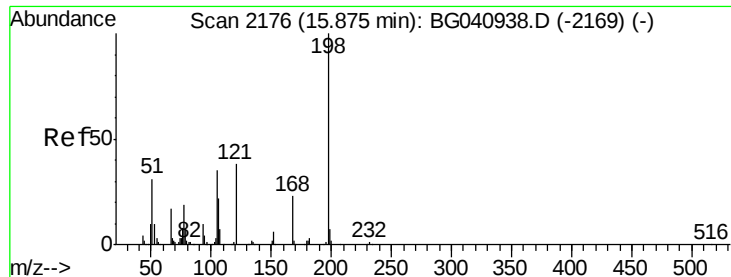


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.362 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

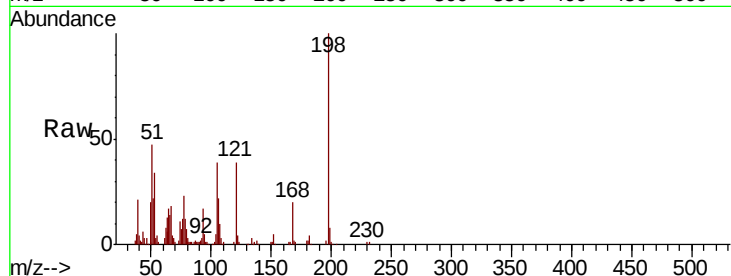
Tot Ion:198 Resp: 86600

Ion Ratio Lower Upper

198 100

51 47.0 21.6 61.6

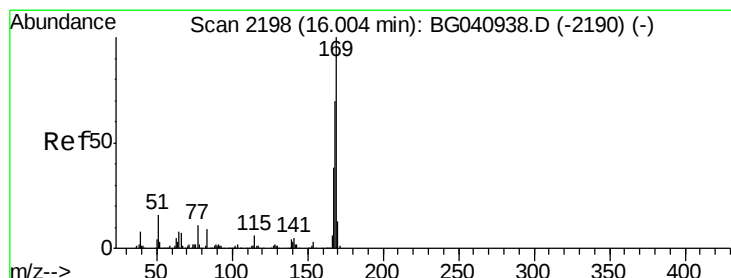
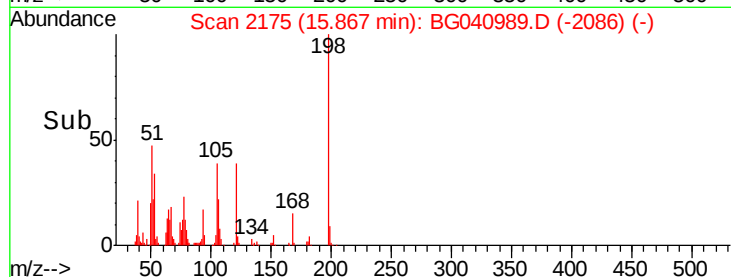
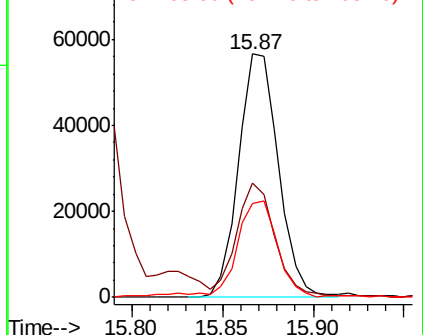
105 38.7 17.5 57.5



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: 39.763 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

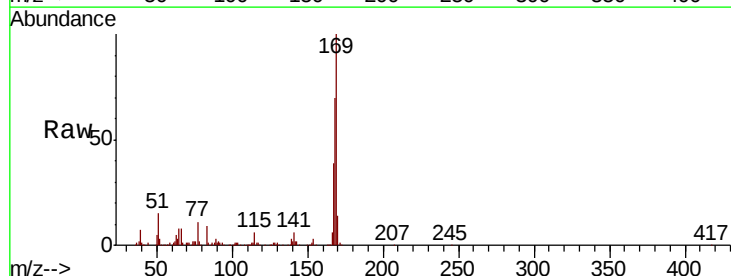
Tgt Ion:169 Resp: 439172

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

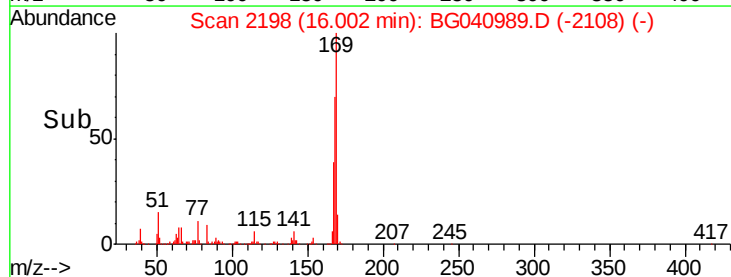
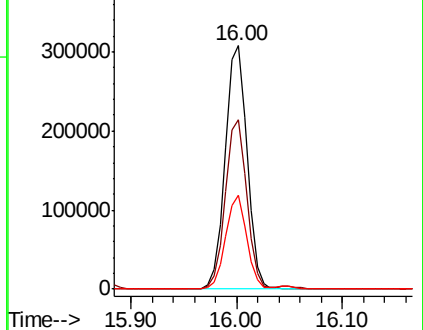
167 38.7 30.2 45.2

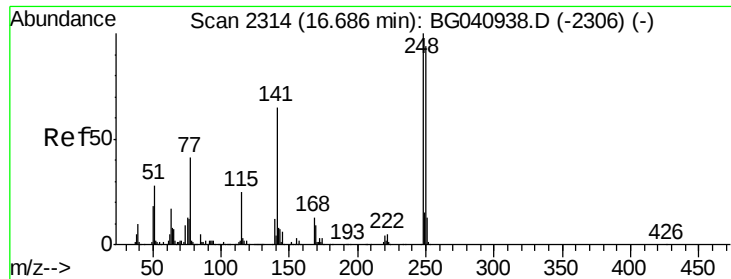


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

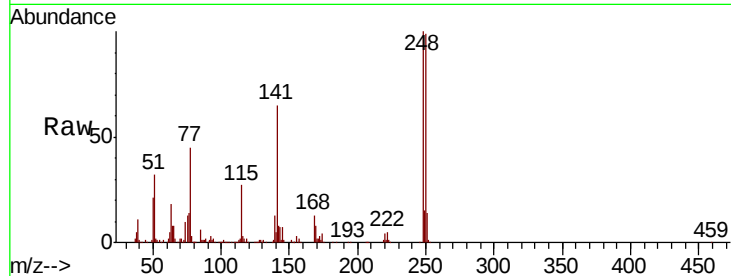




#67
4-Bromophenyl-phenylether
Concen: 39.441 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	75.0	112.4
141	65.0	52.4	78.6

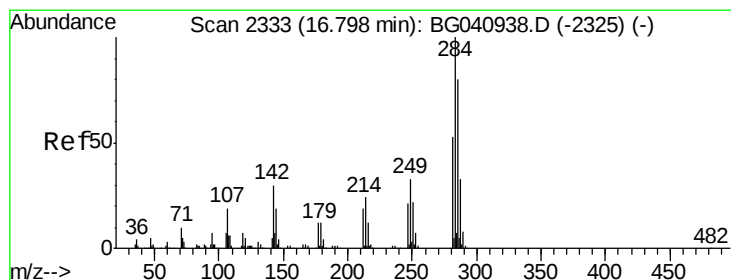
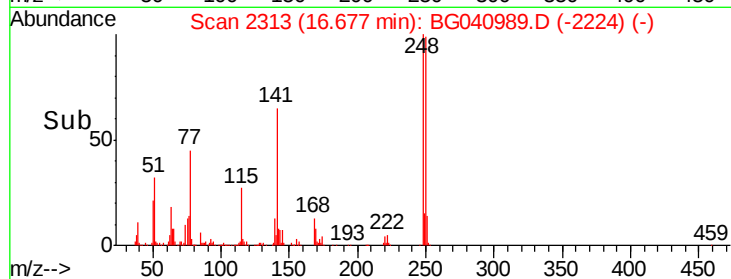
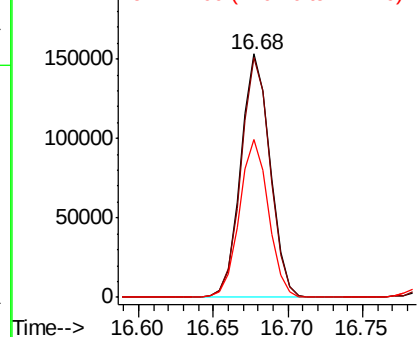


Abundance

Ion 248.00 (247.70 to 248.70): E

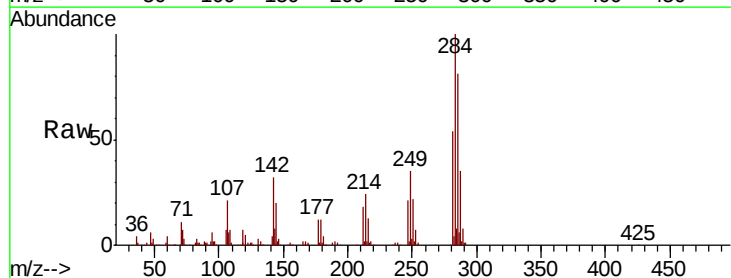
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.163 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	23.9	35.9
249	34.6	26.8	40.2

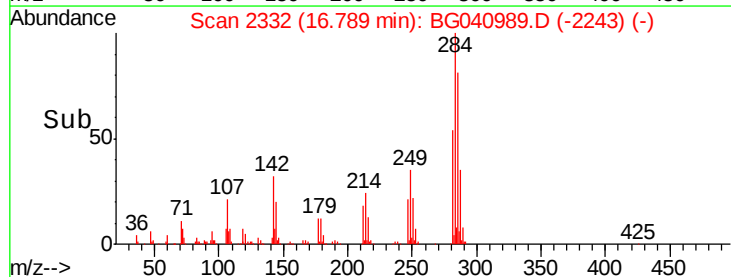
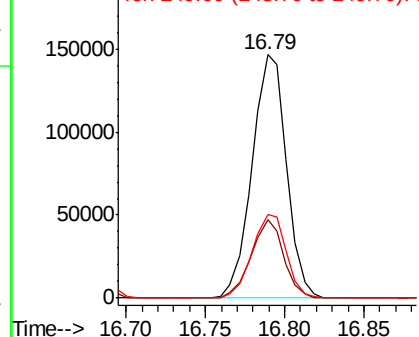


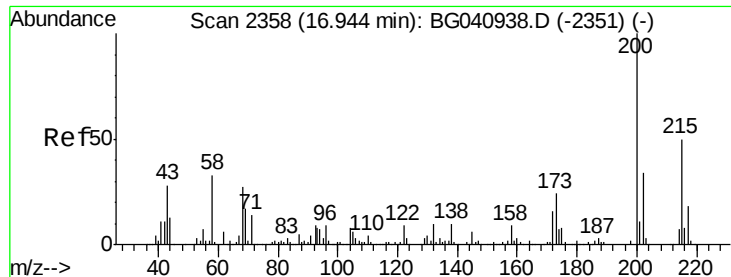
Abundance

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: 42.910 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

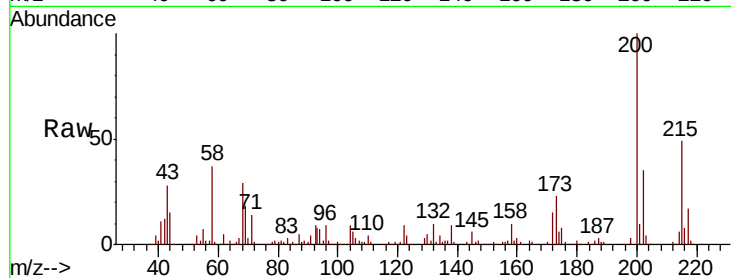
Tot Ion:200 Resp: 182868

Ion Ratio Lower Upper

200 100

173 23.4 3.6 43.6

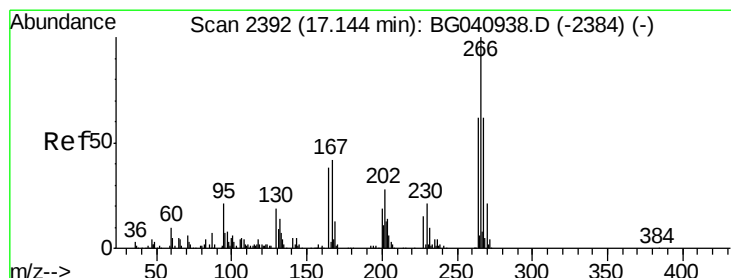
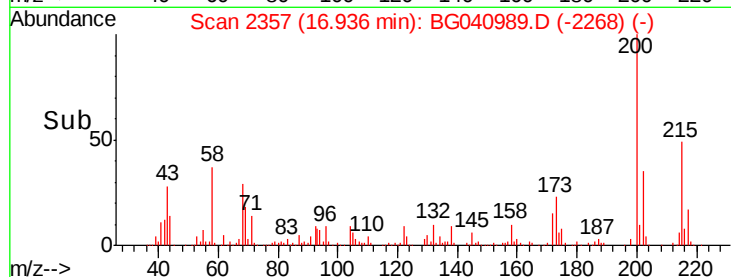
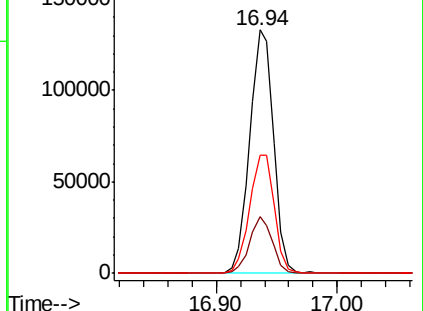
215 48.8 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.559 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

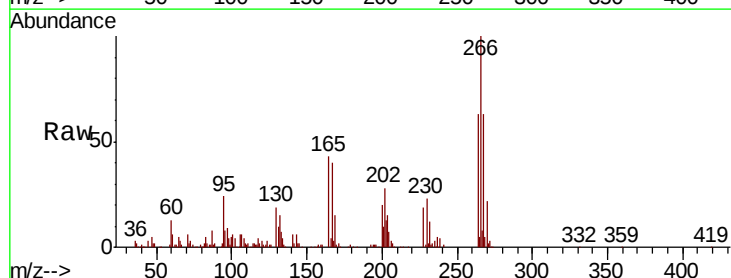
Tgt Ion:266 Resp: 112778

Ion Ratio Lower Upper

266 100

268 67.8 53.1 79.7

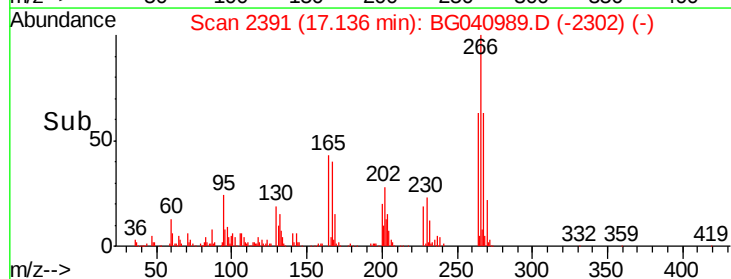
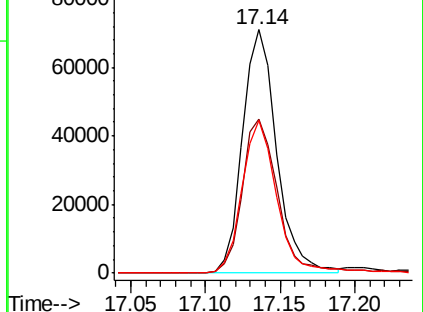
264 62.6 49.9 74.9

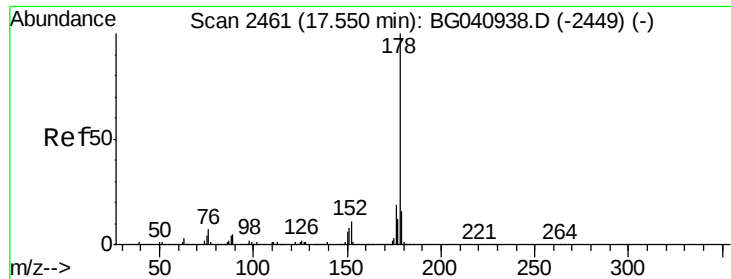


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

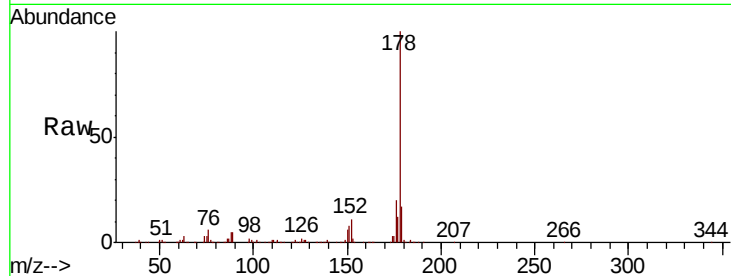




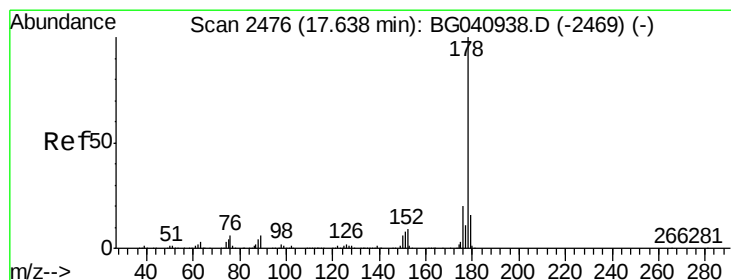
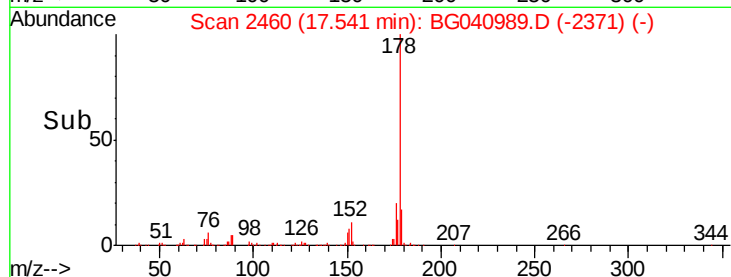
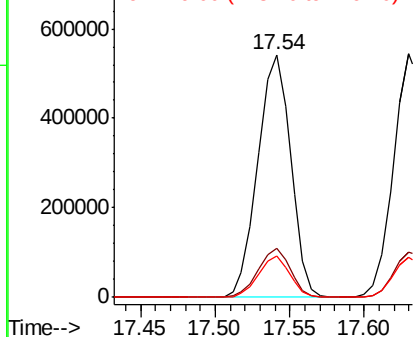
#71
Phenanthrene
Concen: 40.396 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 826724
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 16.8 12.7 19.1

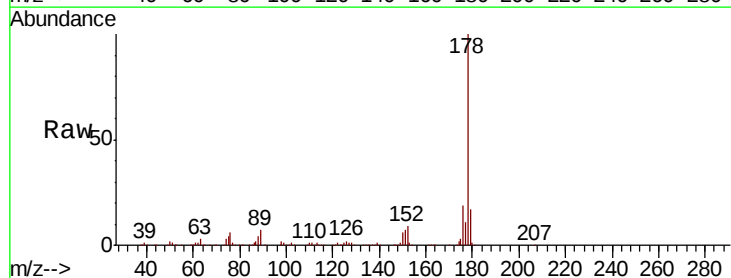


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

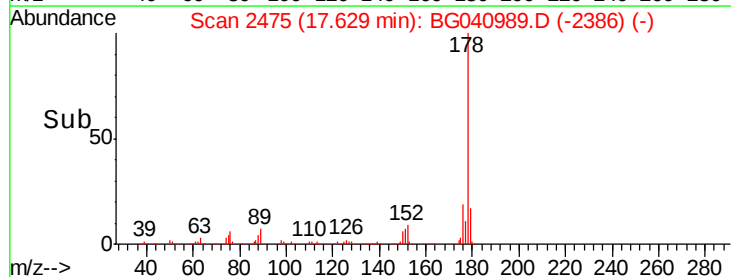
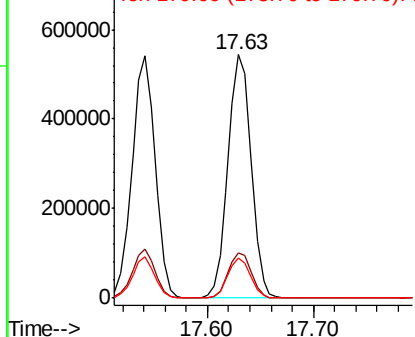


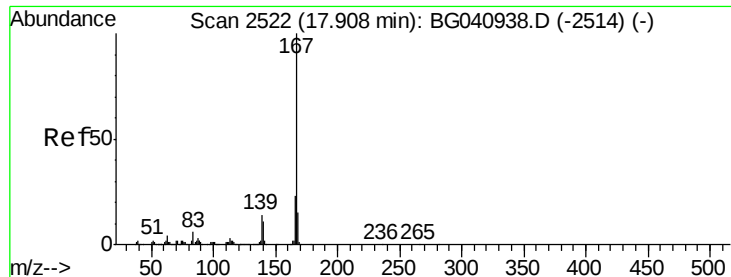
#72
Anthracene
Concen: 40.824 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion:178 Resp: 824015
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 16.7 13.0 19.4



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

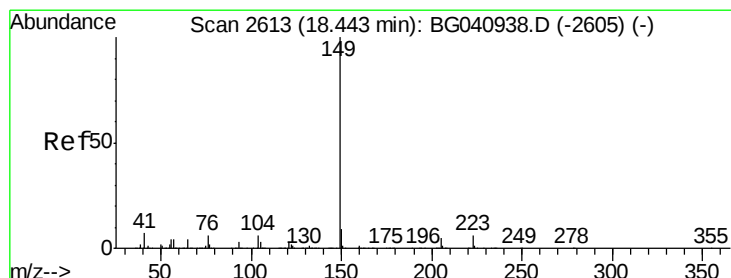
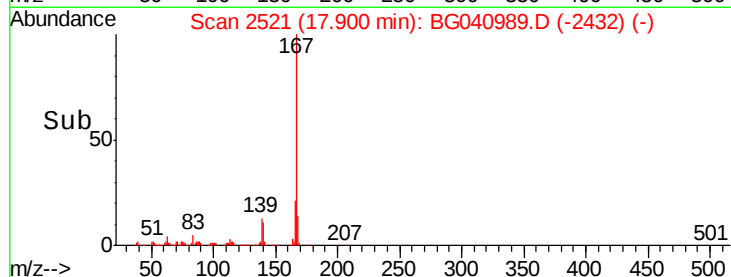
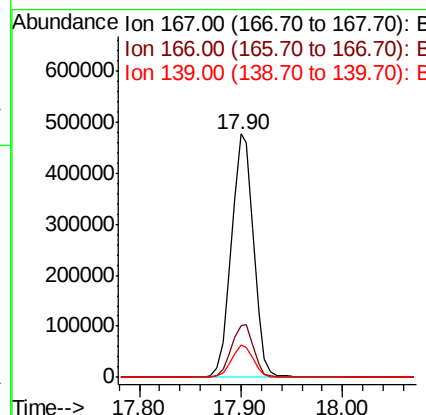
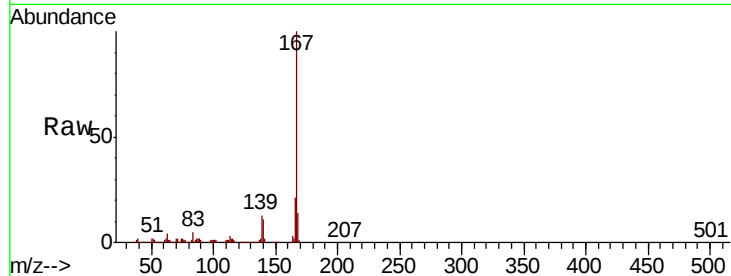




#73
 Carbazole
 Concen: 41.616 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

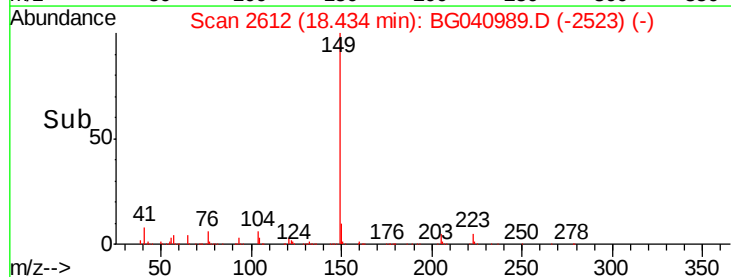
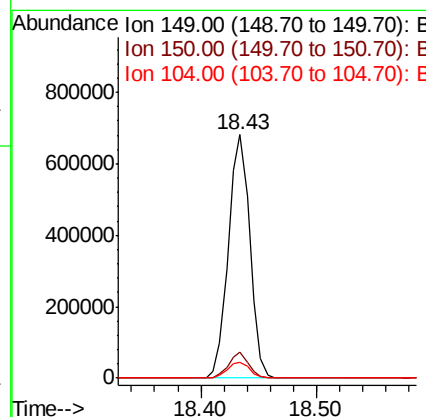
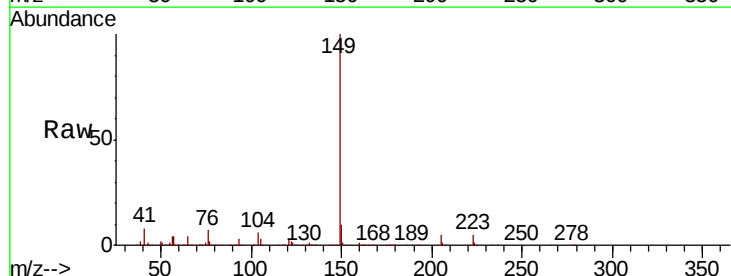
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

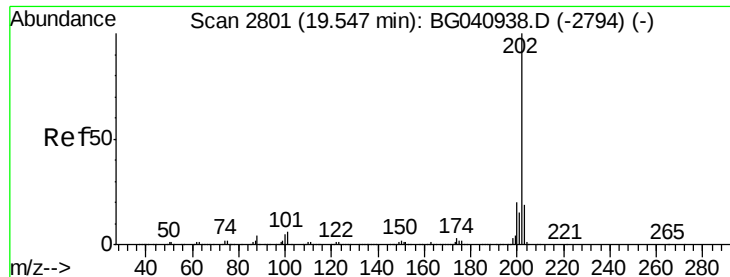
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.4
139	13.1	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 40.599 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040989.D
 Acq: 31 May 2019 23:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.4	11.2
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 42.310 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

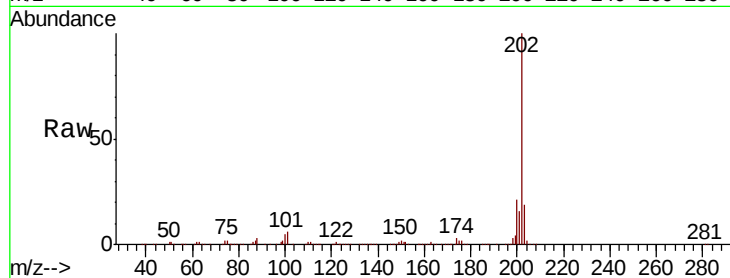
Tot Ion:202 Resp: 1069509

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.2

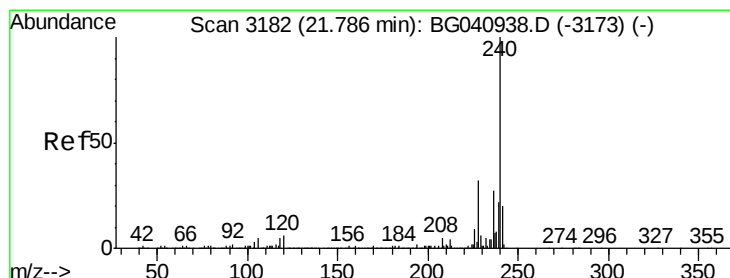
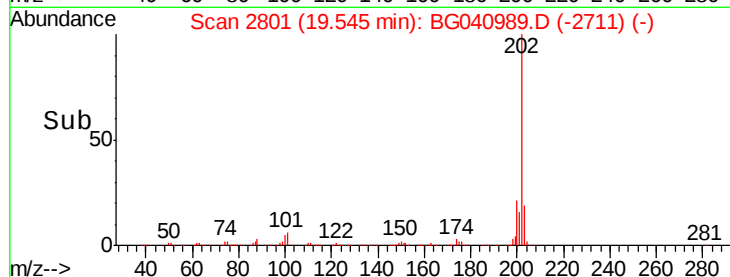
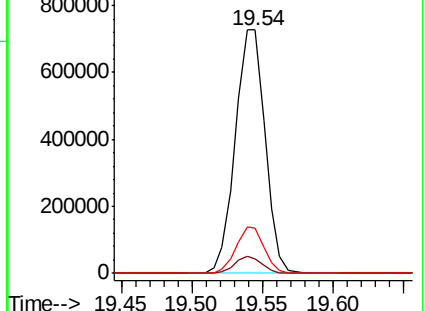
203 18.6 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

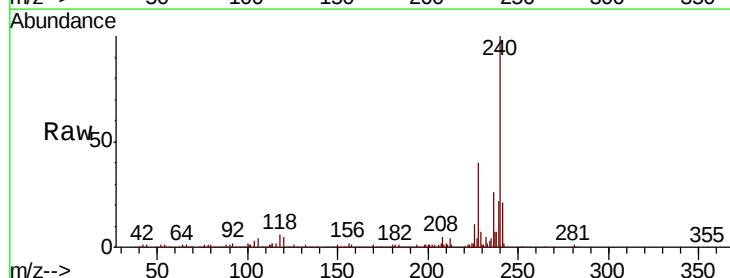
Tgt Ion:240 Resp: 398720

Ion Ratio Lower Upper

240 100

120 5.4 4.5 6.7

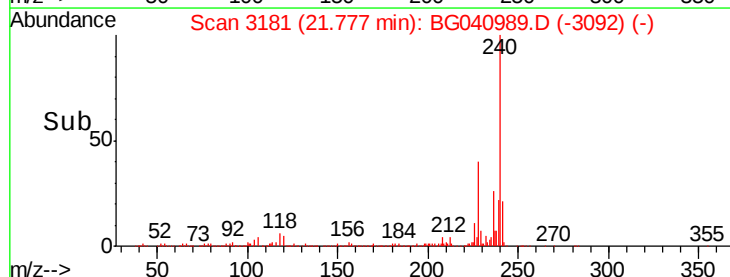
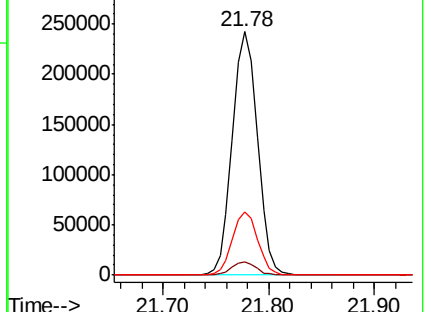
236 26.2 21.3 31.9



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: 43.902 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

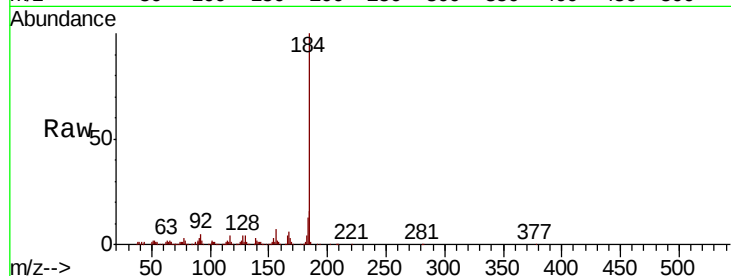
Tot Ion:184 Resp: 417579

Ion Ratio Lower Upper

184 100

185 15.9 13.3 19.9

183 12.9 10.7 16.1

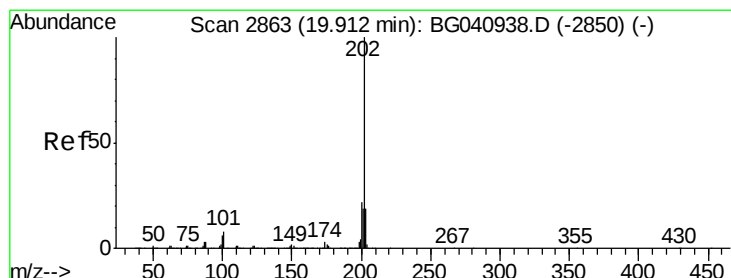
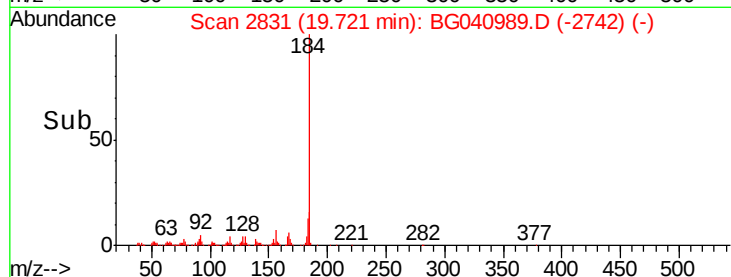
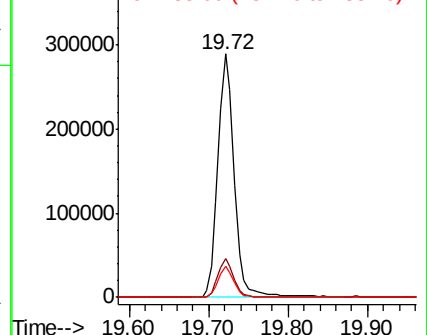


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.970 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

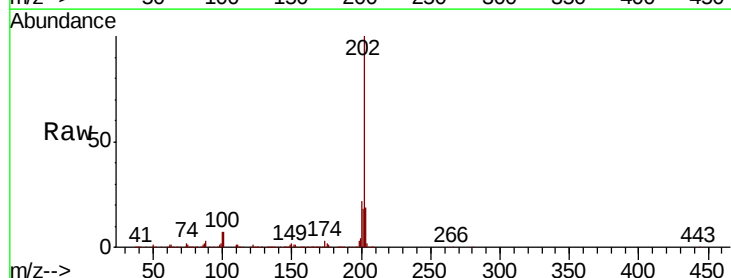
Tgt Ion:202 Resp: 1061924

Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

203 18.5 15.6 23.4

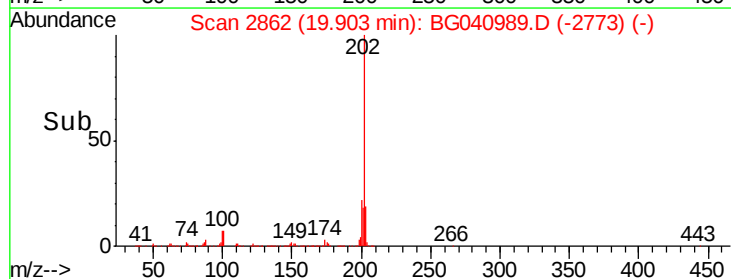
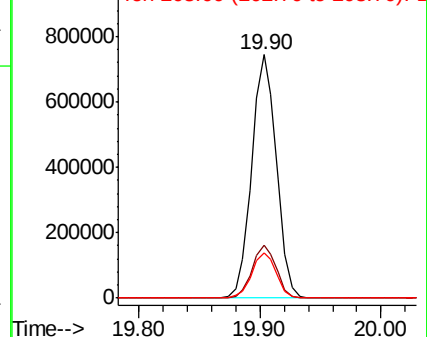


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.130 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

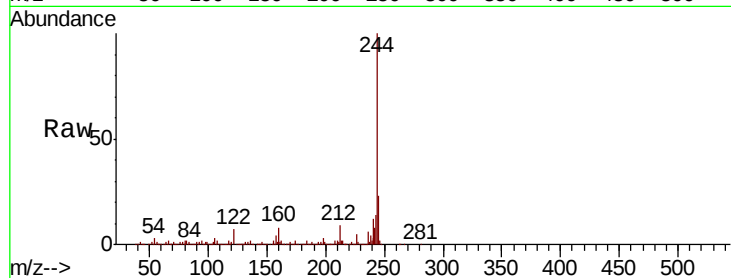
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1561737

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	7.4	5.4	8.0

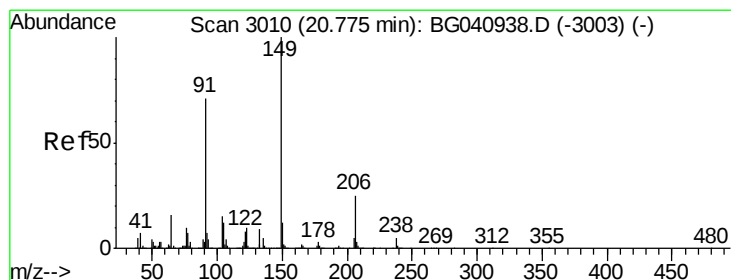
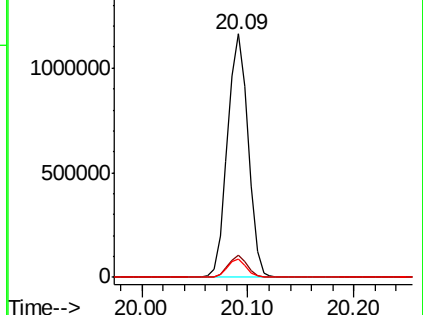
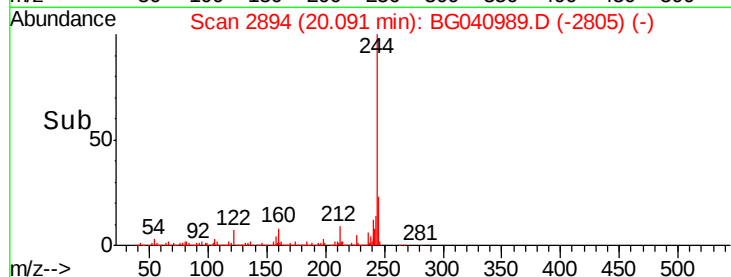


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.671 ng

RT: 20.77 min Scan# 3010

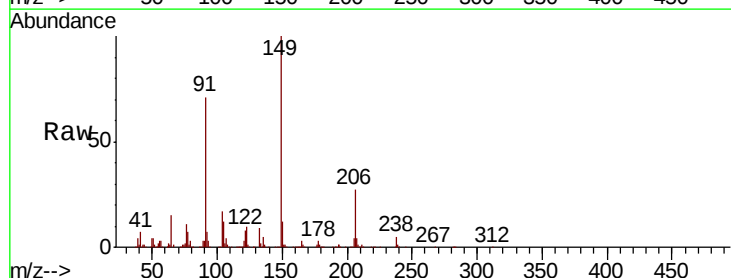
Delta R.T. -0.00 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Tgt Ion:149 Resp: 410240

Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.5	84.7
206	27.0	20.3	30.5

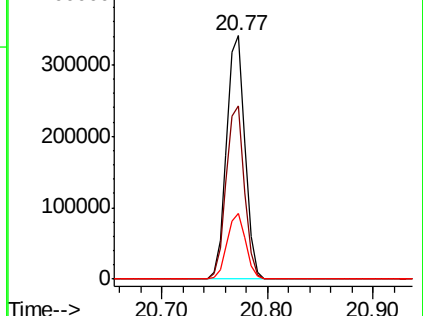
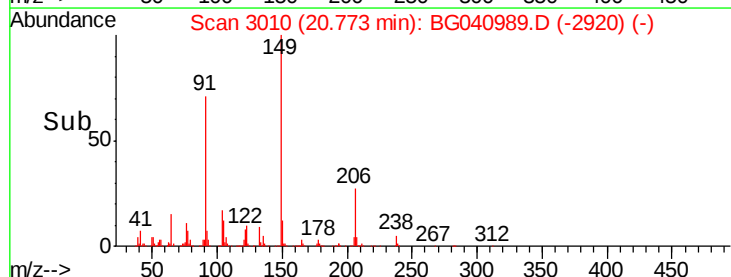


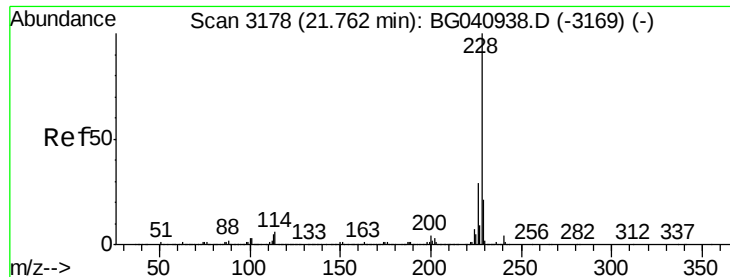
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.291 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

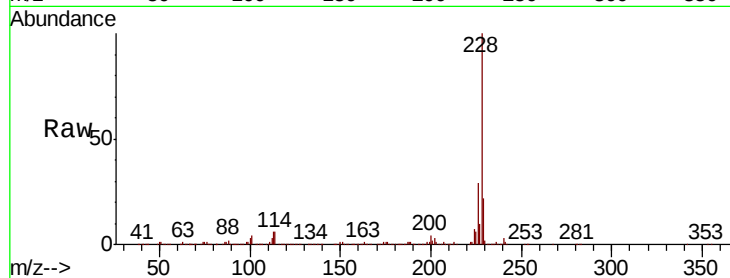
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1069379

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	21.8	16.7	25.1

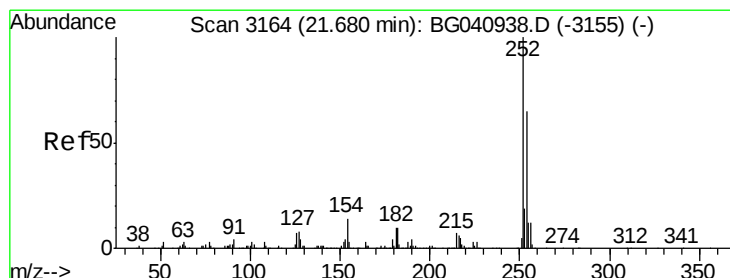
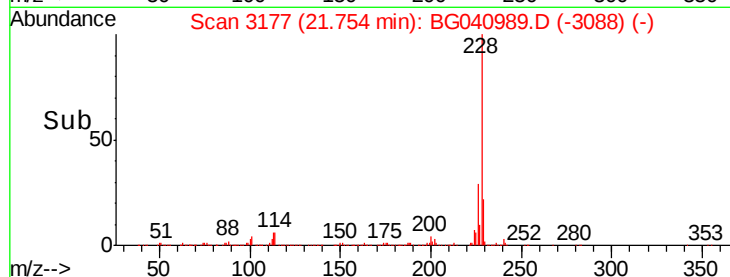
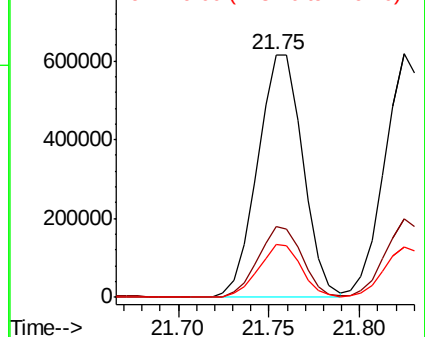


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.017 ng

RT: 21.67 min Scan# 3163

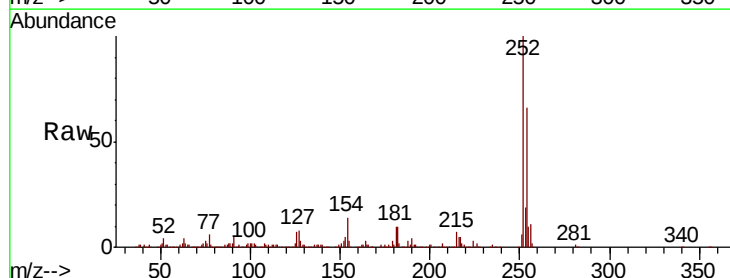
Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Tgt Ion:252 Resp: 382905

Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.1	78.1
126	6.8	5.5	8.3

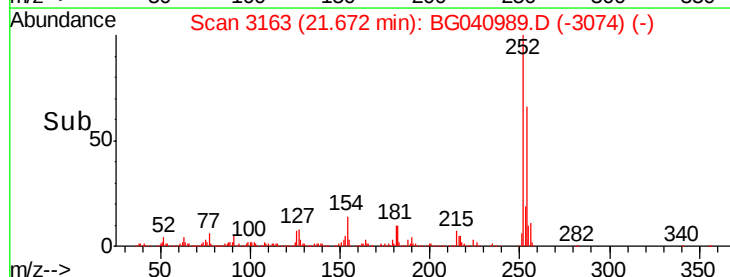
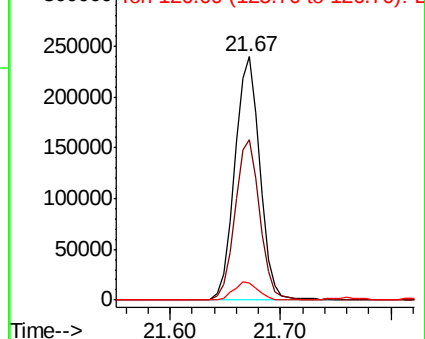


Abundance

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: 40.619 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

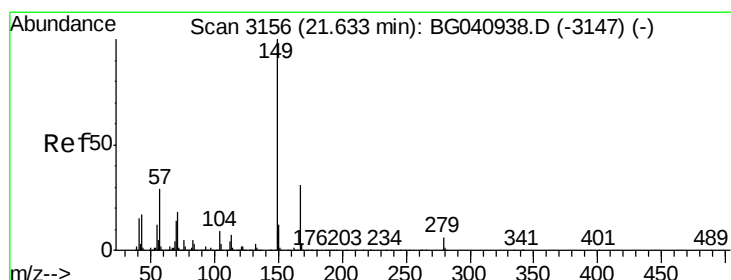
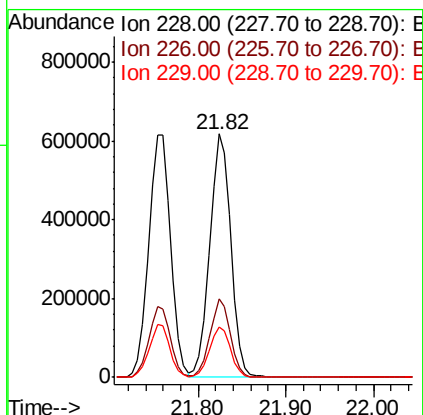
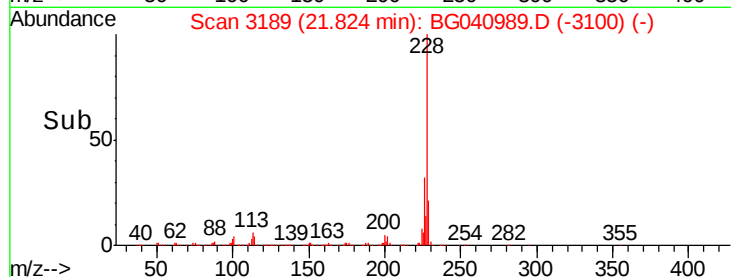
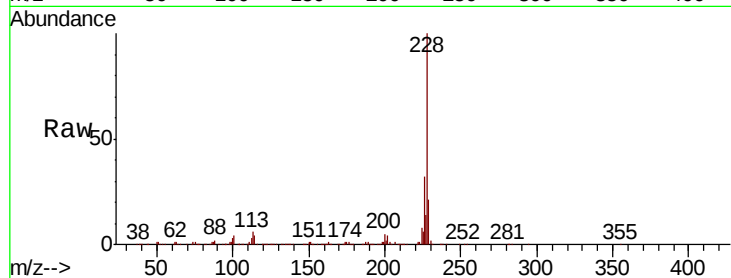
Tot Ion:228 Resp: 1031683

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.6	37.0
229	20.8	16.6	24.8

228 100

226 32.2 24.6 37.0

229 20.8 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.800 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

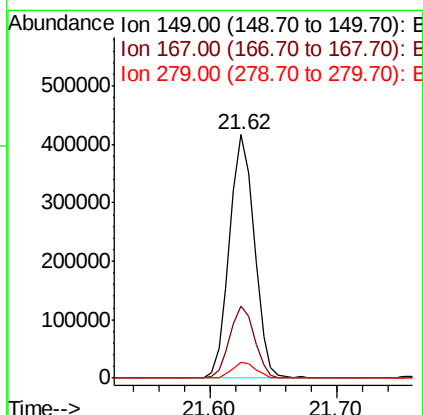
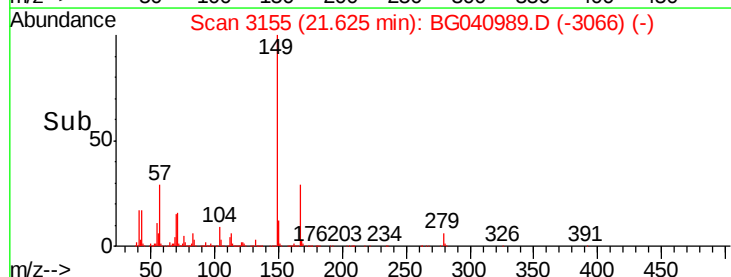
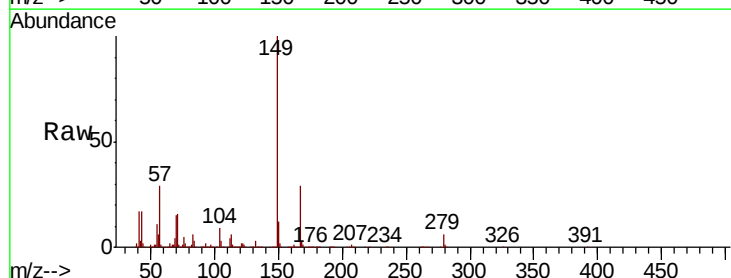
Tgt Ion:149 Resp: 565136

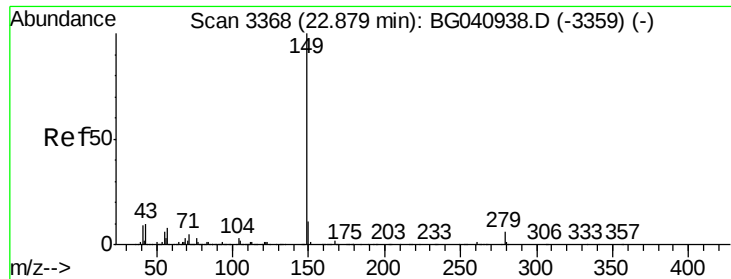
Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.6	37.0
279	6.3	5.0	7.6

149 100

167 29.4 24.6 37.0

279 6.3 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 39.870 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

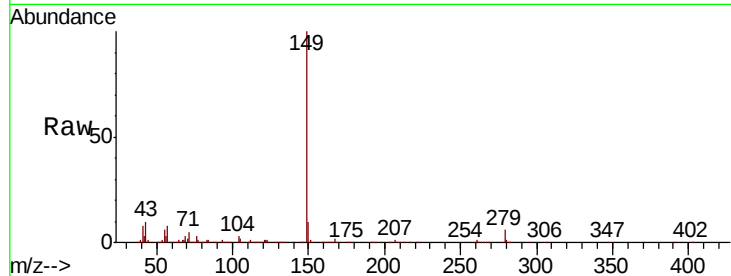
Tot Ion:149 Resp: 942851

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

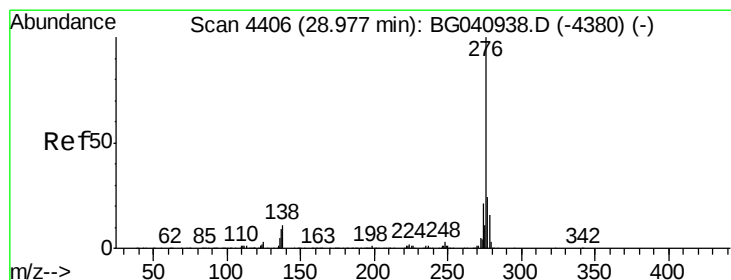
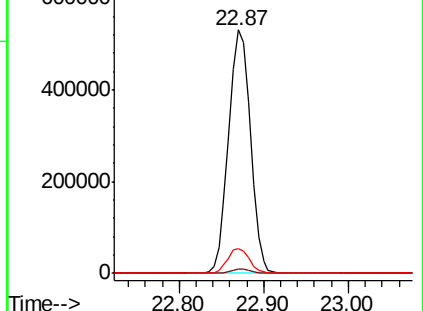
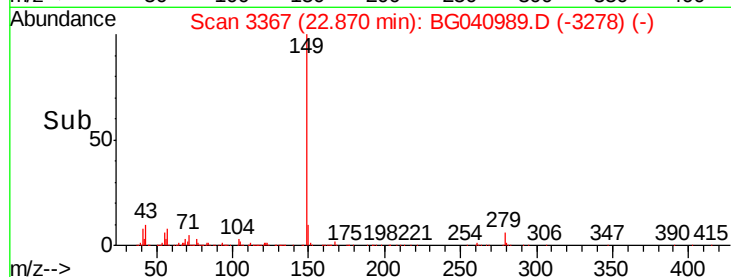
43 10.2 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.386 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

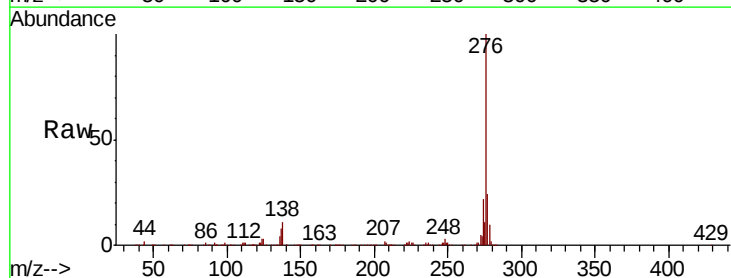
Tgt Ion:276 Resp: 1225429

Ion Ratio Lower Upper

276 100

138 8.8 5.7 8.5#

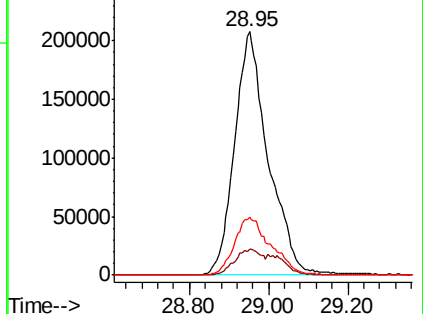
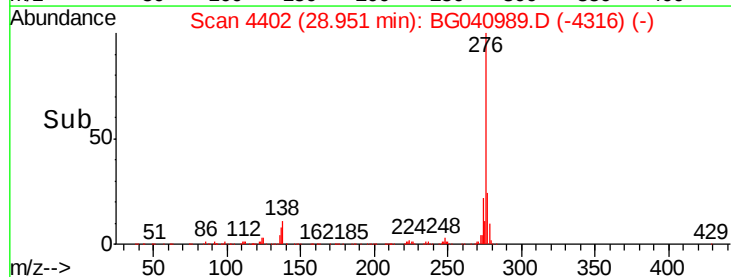
277 25.4 20.8 31.2

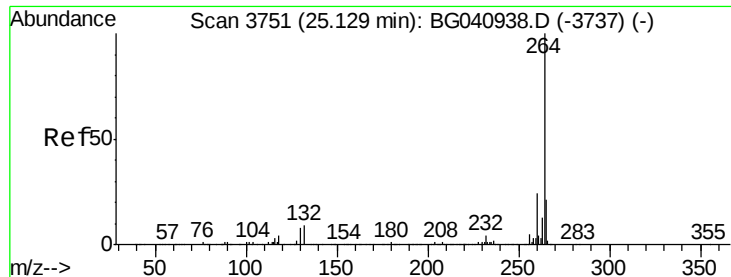


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

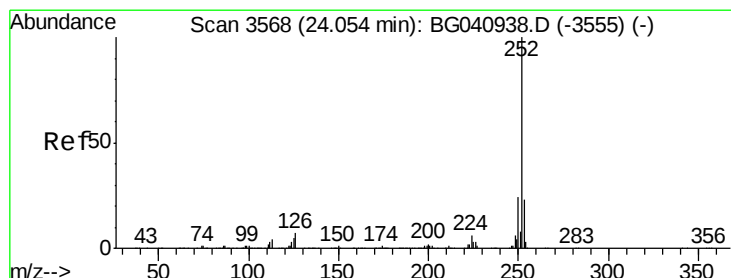
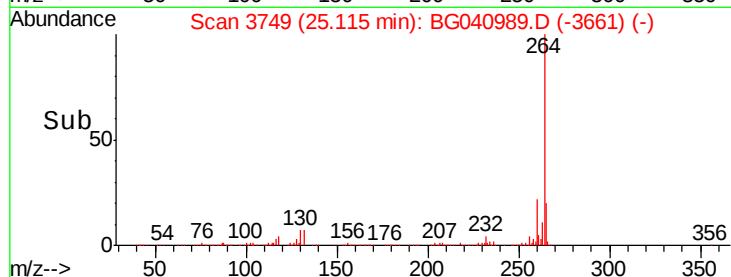
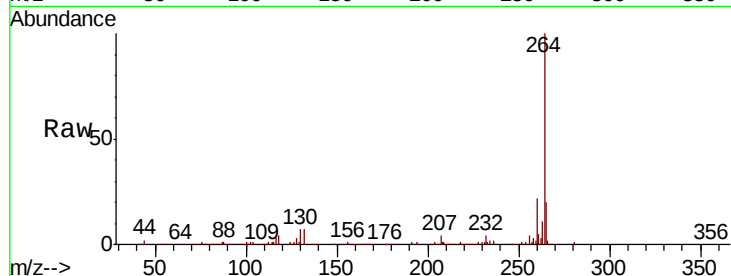
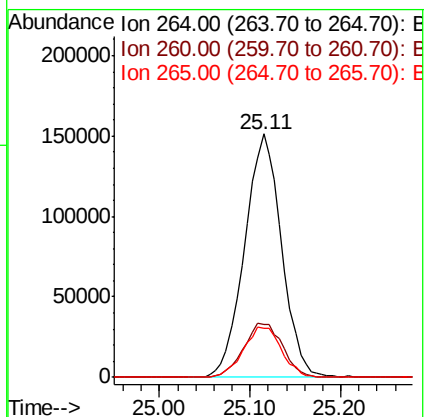
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 426415

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	20.1	17.0	25.4



#88

Benzo(b)fluoranthene

Concen: 40.749 ng

RT: 24.05 min Scan# 3567

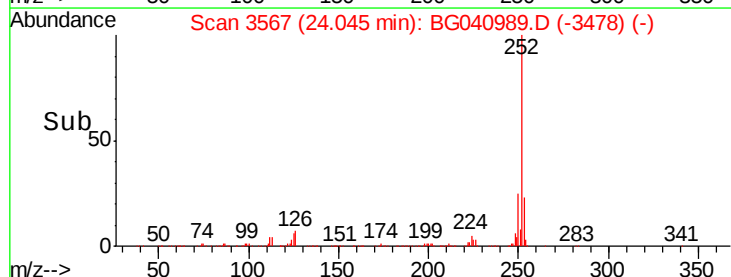
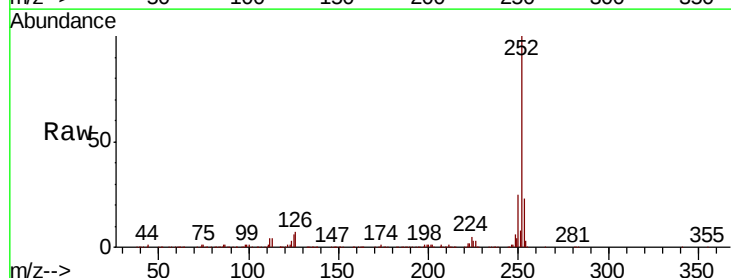
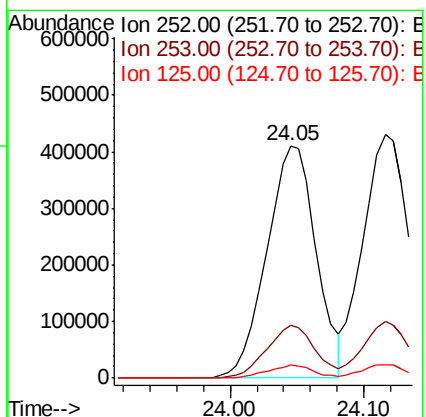
Delta R.T. -0.01 min

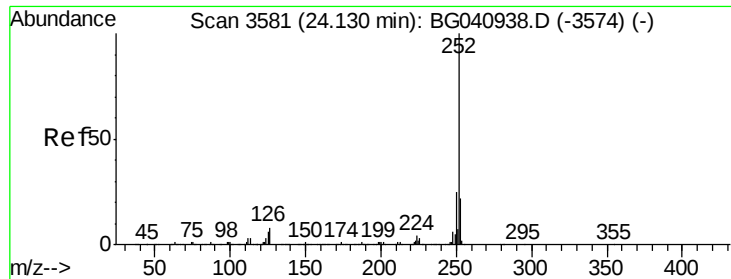
Lab File: BG040989.D

Acq: 31 May 2019 23:03

Tgt Ion:252 Resp: 1053910

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	5.6	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 40.539 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

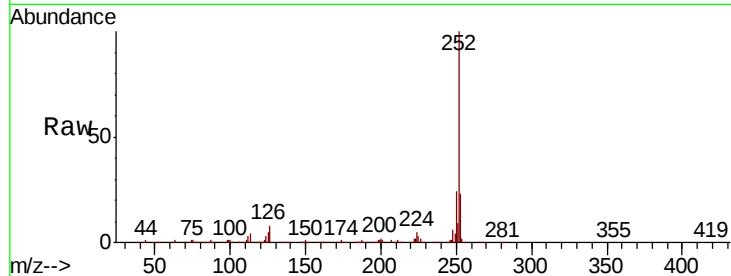
Tot Ion:252 Resp: 1037539

Ion Ratio Lower Upper

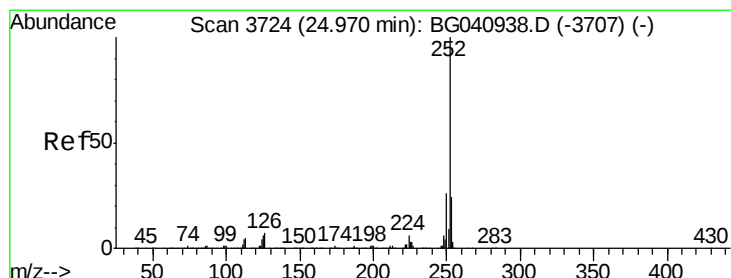
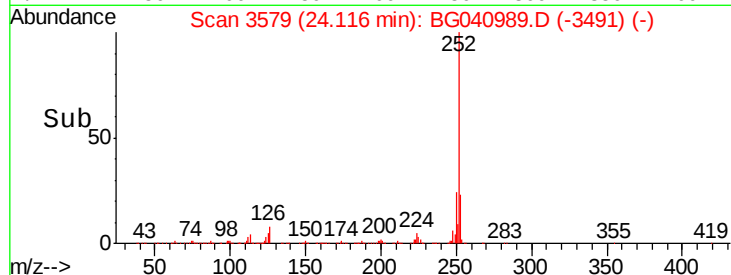
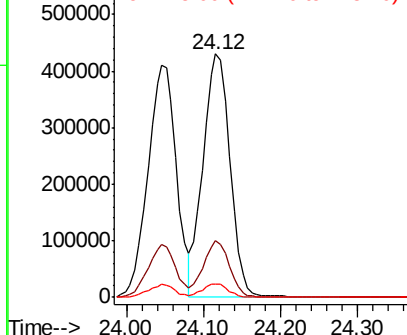
252 100

253 23.4 17.8 26.6

125 5.2 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.004 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG040989.D

Acq: 31 May 2019 23:03

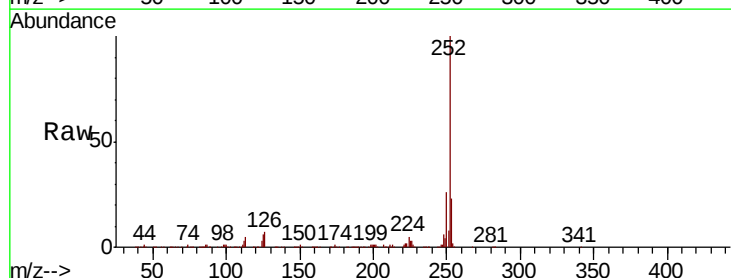
Tgt Ion:252 Resp: 987131

Ion Ratio Lower Upper

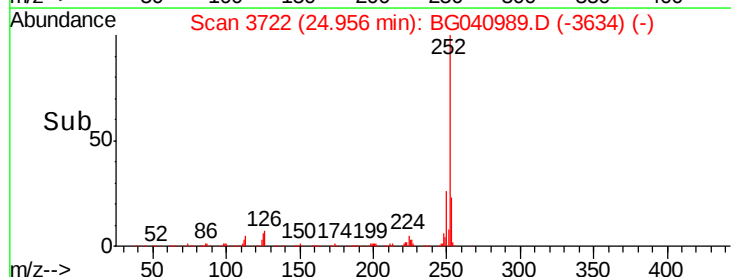
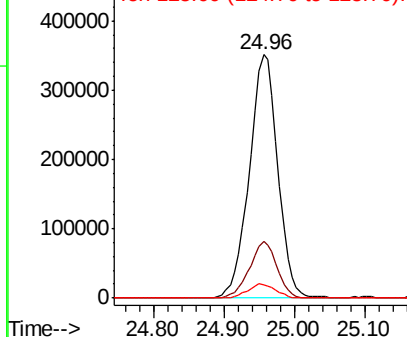
252 100

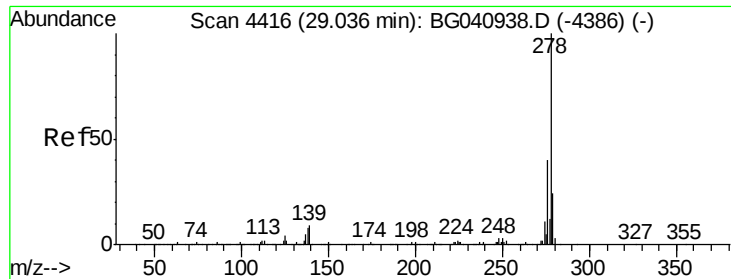
253 23.3 19.5 29.3

125 5.6 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



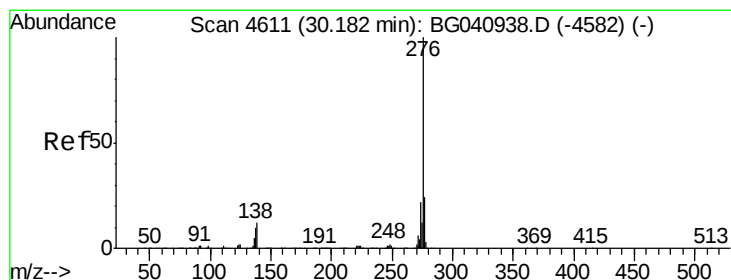
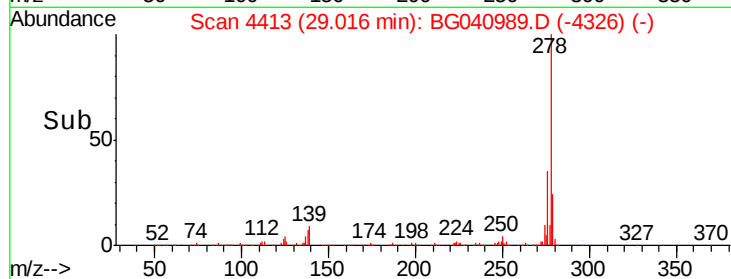
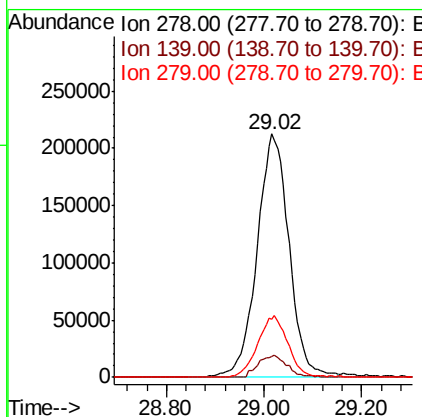
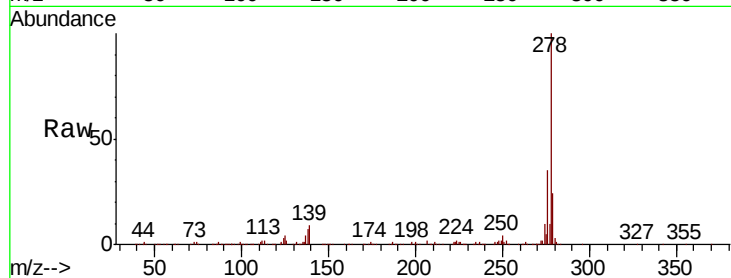


#91
Dibenzo(a,h)anthracene
Concen: 39.395 ng
RT: 29.02 min Scan# 4413
Delta R.T. -0.02 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 971339

Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.1	10.7
279	24.1	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 39.973 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG040989.D
Acq: 31 May 2019 23:03

Tgt Ion:276 Resp: 957514

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	11.3	9.7	14.5

