

Data File : BG043966.D
Acq On : 8 Jan 2020 14:08
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 09 06:09:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	137183	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	560153	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	357829	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	749762	20.00	ng	0.00
76) Chrysene-d12	21.59	240	630297	20.00	ng	0.00
87) Perylene-d12	24.72	264	714972	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	620079	82.99	ng	0.00
7) Phenol-d6	7.13	99	822342	78.74	ng	0.00
23) Nitrobenzene-d5	9.11	82	760090	72.59	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	303631	81.08	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1580315	80.01	ng	0.00
79) Terphenyl-d14	19.95	244	2083362	77.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	133976	41.127	ng	99
3) Pyridine	3.83	79	387913	40.308	ng	96
4) n-Nitrosodimethylamine	3.74	42	156033	36.417	ng	98
6) Aniline	7.28	93	522173	38.067	ng	98
8) 2-Chlorophenol	7.52	128	340780	38.852	ng	98
9) Benzaldehyde	7.09	77	220700	33.018	ng	99
10) Phenol	7.15	94	412092	38.298	ng	100
11) bis(2-Chloroethyl)ether	7.37	93	342454	36.870	ng	98
12) 1,3-Dichlorobenzene	7.85	146	404980	39.456	ng	99
13) 1,4-Dichlorobenzene	7.99	146	400091	39.506	ng	98
14) 1,2-Dichlorobenzene	8.31	146	379899	39.081	ng	99
15) Benzyl Alcohol	8.19	79	302481	36.698	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	511867	35.621	ng	100
17) 2-Methylphenol	8.40	107	293100	37.641	ng	98
18) Hexachloroethane	9.04	117	150678	38.236	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	278204	35.770	ng	98
20) 3+4-Methylphenols	8.73	107	407211	37.487	ng	99
22) Acetophenone	8.78	105	524999	37.700	ng	# 98
24) Nitrobenzene	9.15	77	386500	37.268	ng	99
25) Isophorone	9.68	82	728270	37.072	ng	98
26) 2-Nitrophenol	9.87	139	202073	41.184	ng	99
27) 2,4-Dimethylphenol	9.94	122	275993	37.368	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	479473	36.610	ng	99
29) 2,4-Dichlorophenol	10.41	162	336138	38.154	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	380346	38.504	ng	98
31) Naphthalene	10.81	128	1050695	38.762	ng	100
32) Benzoic acid	10.08	122	205247	35.934	ng	93
33) 4-Chloroaniline	10.91	127	485402	37.544	ng	99
34) Hexachlorobutadiene	11.10	225	227235	37.677	ng	97
35) Caprolactam	11.69	113	126726	38.640	ng	94
36) 4-Chloro-3-methylphenol	12.04	107	359017	38.280	ng	98
37) 2-Methylnaphthalene	12.42	142	772502	37.854	ng	97
38) 1-Methylnaphthalene	12.64	142	735222	38.013	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	391639	37.342	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	202113	37.171	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	280176	38.824	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	289700	38.922	ng	99
46) 1,1'-Biphenyl	13.43	154	993292	38.716	ng	99
47) 2-Chloronaphthalene	13.47	162	792507	38.227	ng	98
48) 2-Nitroaniline	13.66	65	248798	37.308	ng	96
49) Acenaphthylene	14.31	152	1161843	38.991	ng	99
50) Dimethylphthalate	14.05	163	988317	38.899	ng	99
51) 2,6-Dinitrotoluene	14.16	165	223945	38.997	ng	91
52) Acenaphthene	14.65	154	797141	38.147	ng	98
53) 3-Nitroaniline	14.49	138	255552	39.188	ng	97
54) 2,4-Dinitrophenol	14.69	184	96513	36.211	ng	95
55) Dibenzofuran	14.99	168	1124923	39.105	ng	99
56) 4-Nitrophenol	14.80	139	202478	40.518	ng	94
57) 2,4-Dinitrotoluene	14.95	165	313548	40.127	ng	99
58) Fluorene	15.64	166	888537	38.970	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	253951	39.679	ng	96
60) Diethylphthalate	15.41	149	993730	39.104	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	466014	37.641	ng	99
62) 4-Nitroaniline	15.65	138	257537	39.991	ng	94
63) Azobenzene	15.93	77	890646	37.792	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	150129	39.699	ng	98
66) n-Nitrosodiphenylamine	15.85	169	828999	37.546	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	301824	35.793	ng	99
68) Hexachlorobenzene	16.65	284	337018	37.091	ng	98
69) Atrazine	16.80	200	272170	37.922	ng	99
70) Pentachlorophenol	16.99	266	195193	38.970	ng	100
71) Phenanthrene	17.38	178	1406123	39.100	ng	99
72) Anthracene	17.47	178	1387726	39.046	ng	99
73) Carbazole	17.74	167	1306590	39.799	ng	98
74) Di-n-butylphthalate	18.31	149	1644631	39.236	ng	98
75) Fluoranthene	19.39	202	1572691	38.239	ng	99
77) Benzidine	19.57	184	560378	35.371	ng	99
78) Pyrene	19.75	202	1594866	38.765	ng	99
80) Butylbenzylphthalate	20.64	149	777307	39.684	ng	97
81) Benzo(a)anthracene	21.57	228	1508540	38.598	ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	587361	38.040	ng	100
83) Chrysene	21.63	228	1467845	39.526	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1065948	39.441	ng	100
85) Di-n-octyl phthalate	22.69	149	1843851	40.581	ng	98
86) Indeno(1,2,3-cd)pyrene	28.28	276	1842252	36.503	ng	99
88) Benzo(b)fluoranthene	23.73	252	1615879	38.230	ng	99
89) Benzo(k)fluoranthene	23.80	252	1531556	38.105	ng	99
90) Benzo(a)pyrene	24.58	252	1500215	37.606	ng	100
91) Dibenzo(a,h)anthracene	28.34	278	1498561	37.404	ng	98
92) Benzo(g,h,i)perylene	29.38	276	1474691	37.056	ng	99

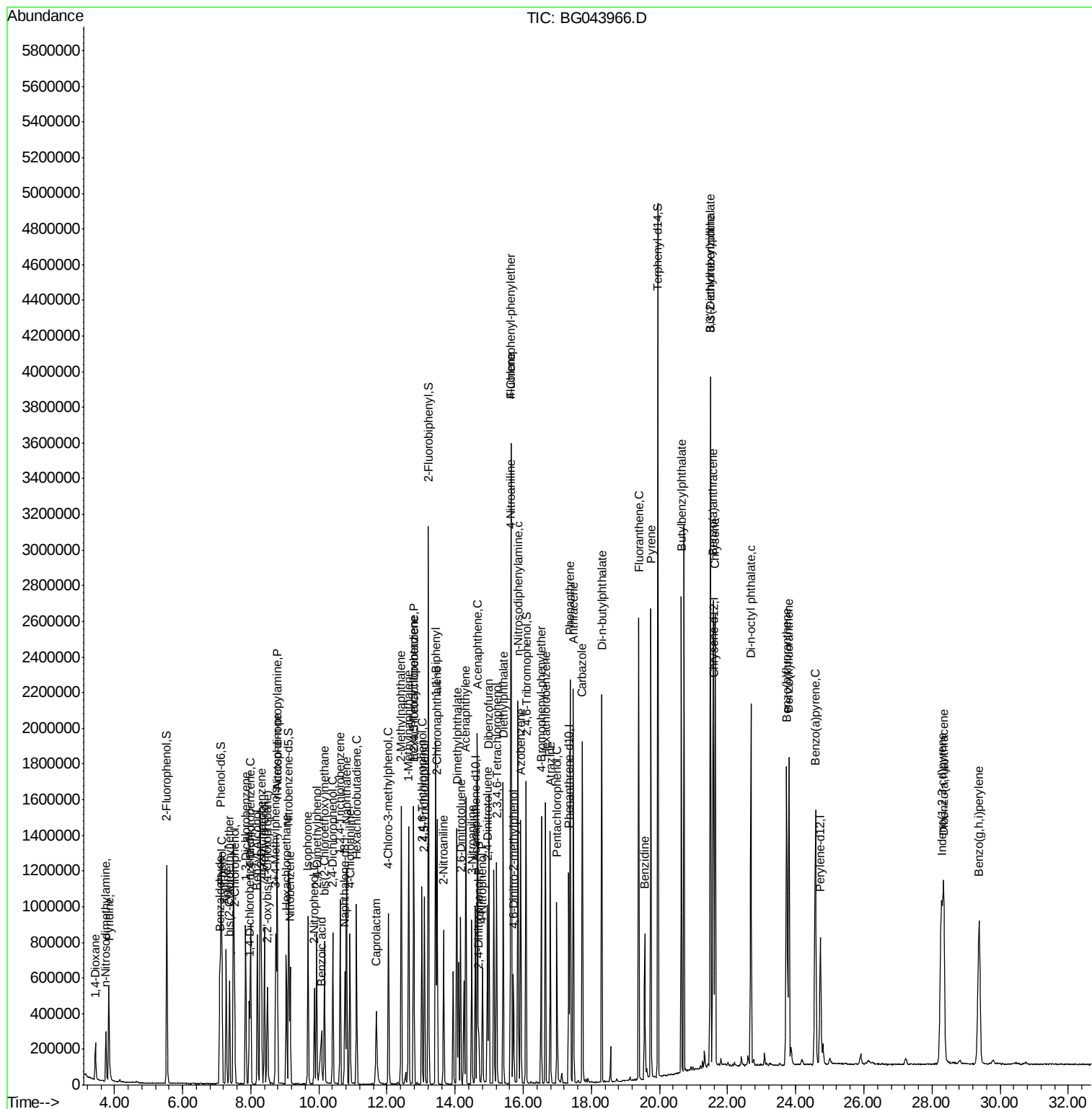
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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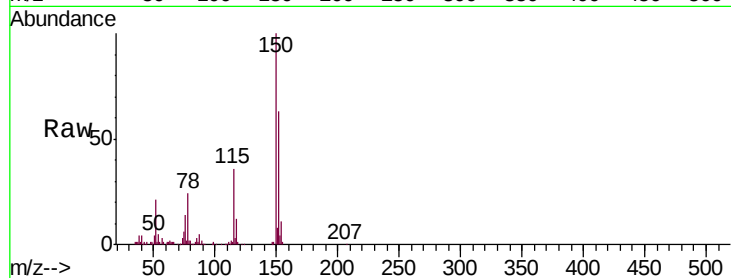


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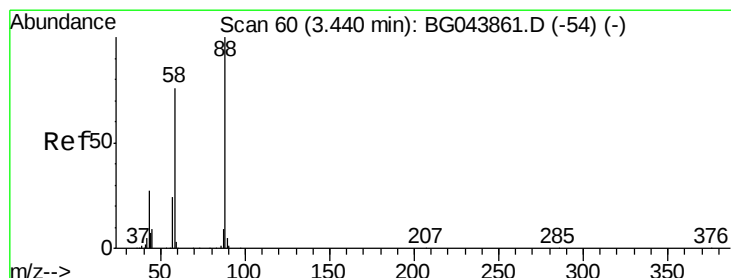
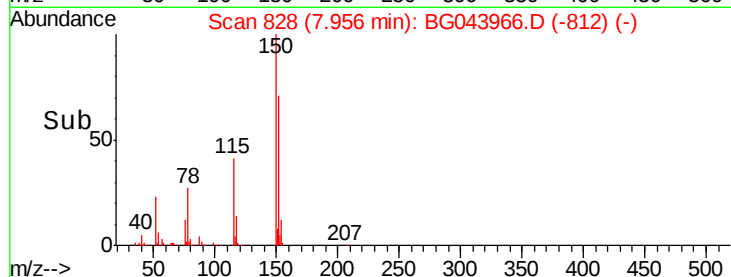
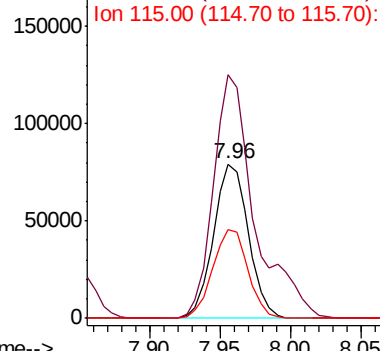
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 137183
Ion Ratio Lower Upper
152 100
150 158.1 127.0 190.4
115 57.7 47.8 71.8



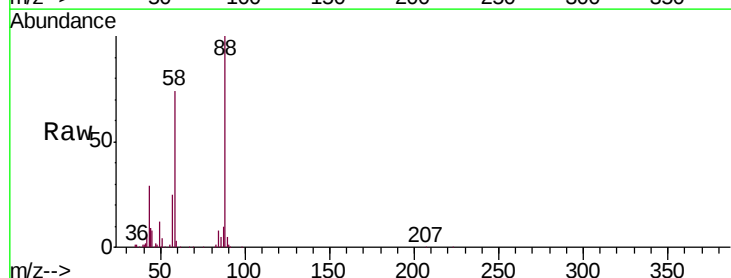
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



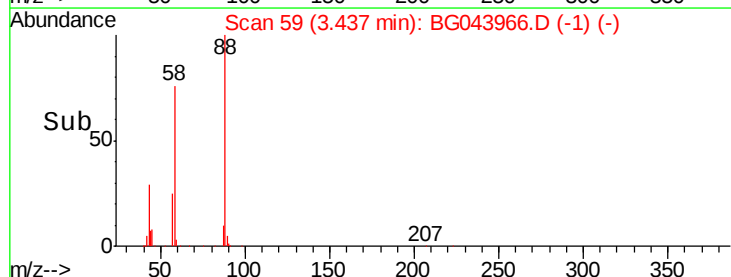
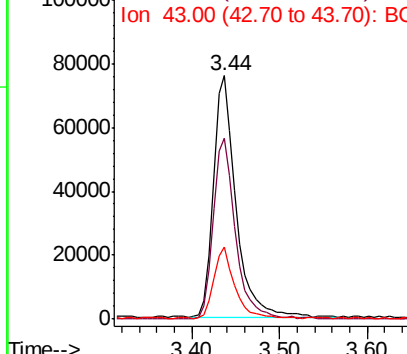
#2

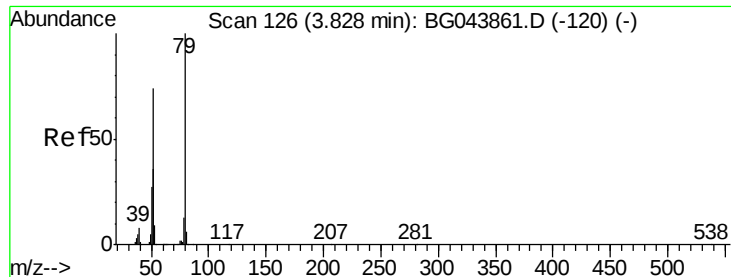
1,4-Dioxane
Concen: 41.127 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion: 88 Resp: 133976
Ion Ratio Lower Upper
88 100
58 75.0 59.8 89.8
43 26.9 22.9 34.3



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

Pyridine

Concen: 40.308 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

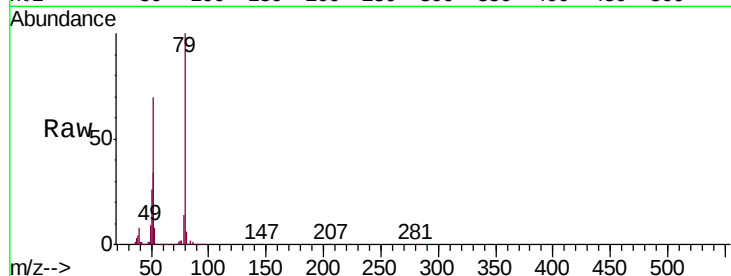
Tgt Ion: 79 Resp: 387913

Ion Ratio Lower Upper

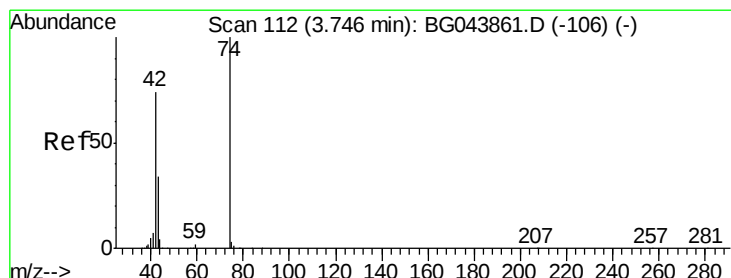
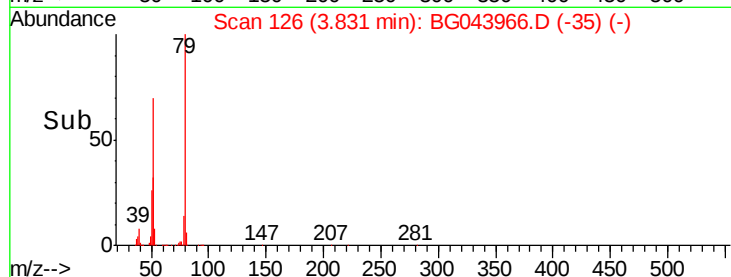
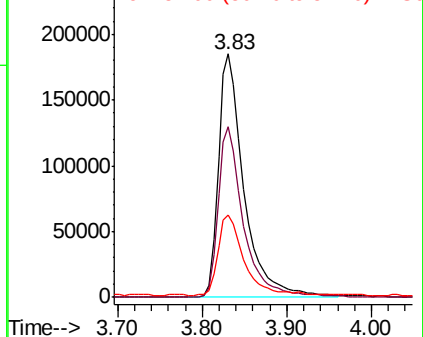
79 100

52 70.0 58.9 88.3

51 33.7 28.6 43.0



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



#4

n-Nitrosodimethylamine

Concen: 36.417 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

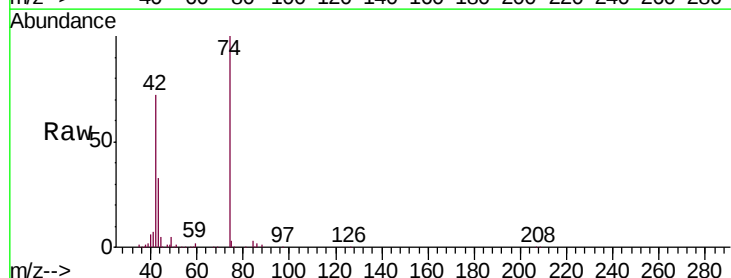
Tgt Ion: 42 Resp: 156033

Ion Ratio Lower Upper

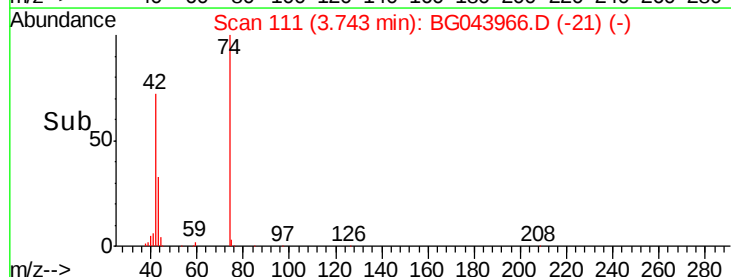
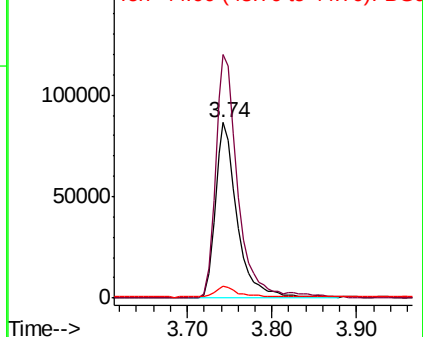
42 100

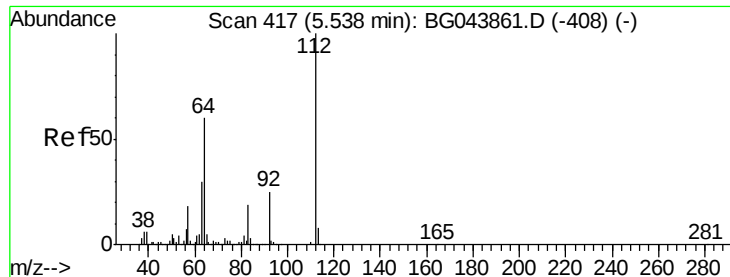
74 138.5 108.6 162.8

44 7.1 5.0 7.6



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





#5

2-Fluorophenol

Concen: 82.994 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG043966.D

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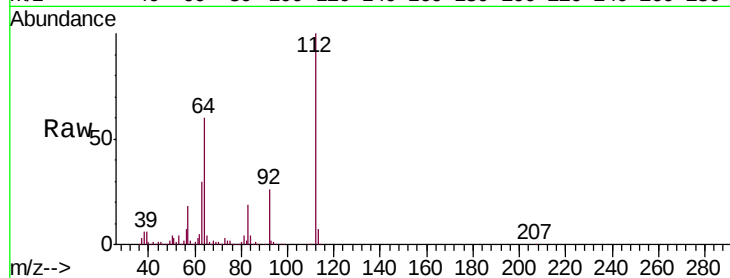
Tgt Ion: 112 Resp: 620079

Ion Ratio Lower Upper

112 100

64 59.9 47.8 71.6

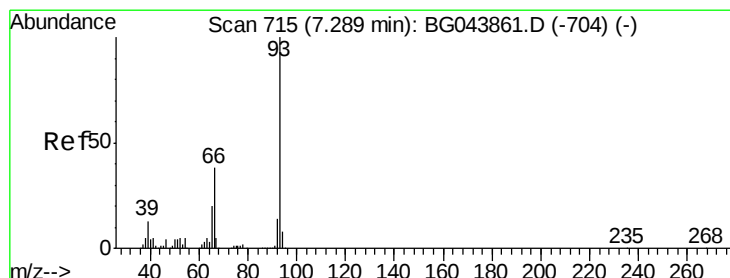
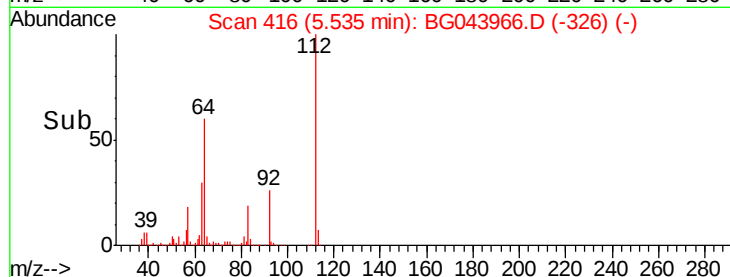
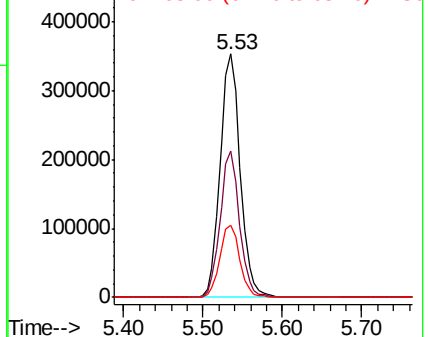
63 29.7 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.067 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

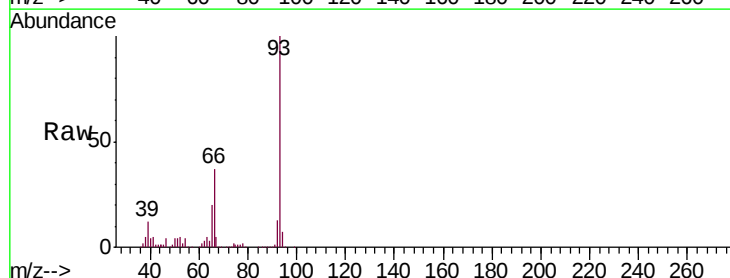
Tgt Ion: 93 Resp: 522173

Ion Ratio Lower Upper

93 100

66 36.9 30.8 46.2

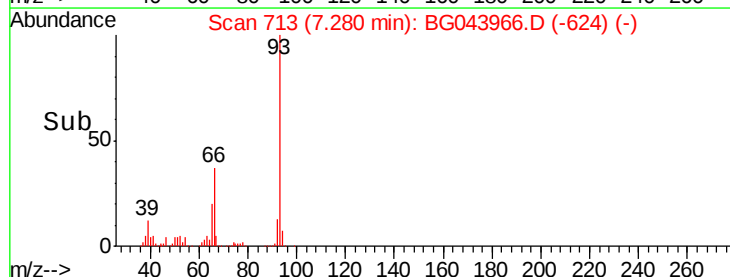
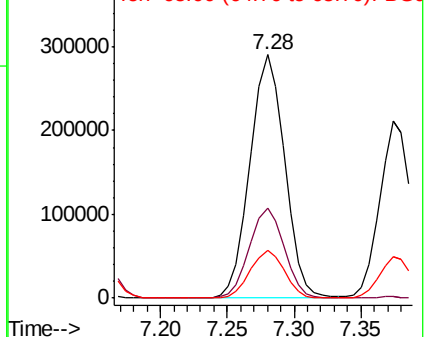
65 19.7 16.0 24.0

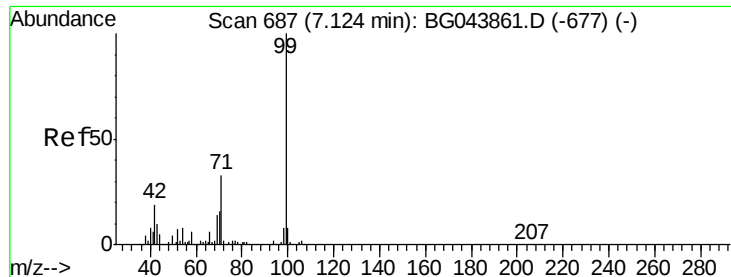


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.741 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

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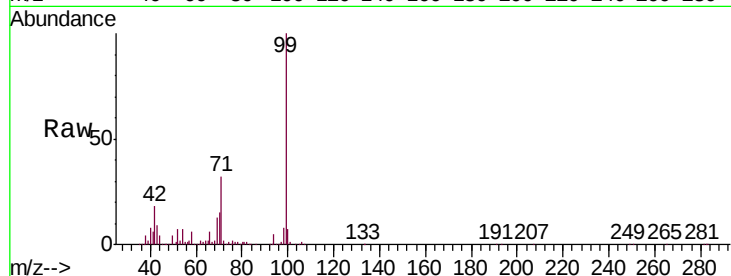
Tgt Ion: 99 Resp: 822342

Ion Ratio Lower Upper

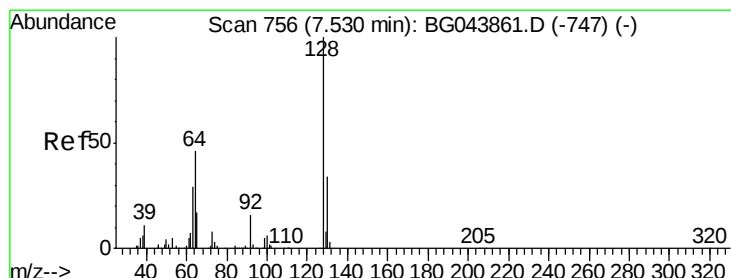
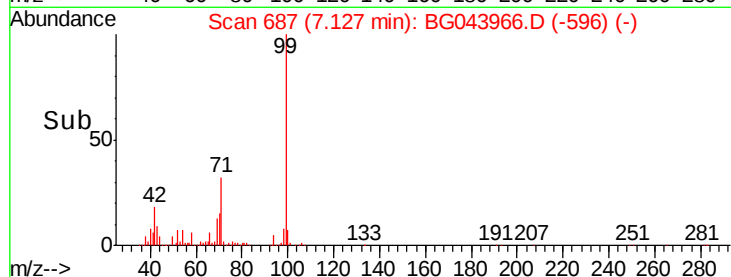
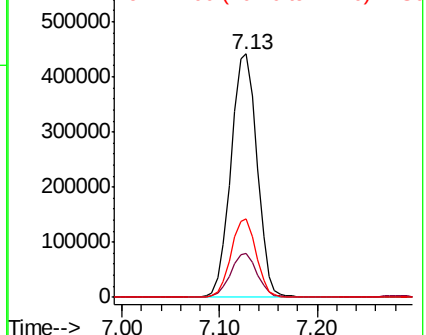
99 100

42 18.3 14.9 22.3

71 32.3 26.4 39.6



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



#8

2-Chlorophenol

Concen: 38.852 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

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Acq: 8 Jan 2020 14:08

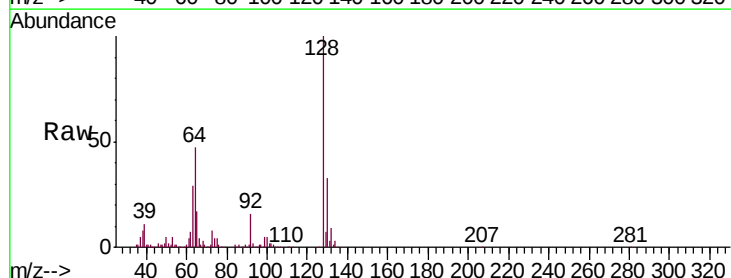
Tgt Ion: 128 Resp: 340780

Ion Ratio Lower Upper

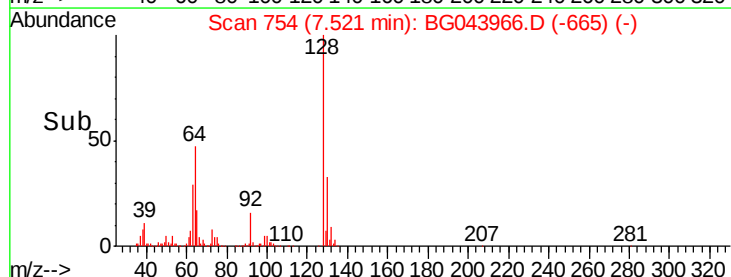
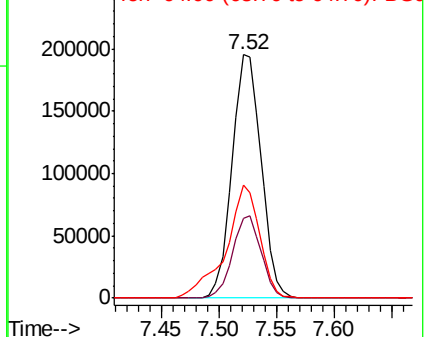
128 100

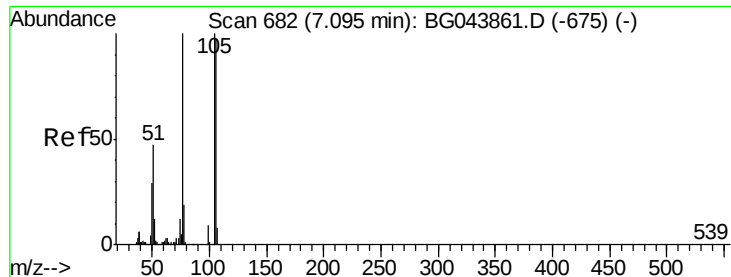
130 32.5 13.8 53.8

64 46.6 27.6 67.6



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





#9

Benzaldehyde

Concen: 33.018 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

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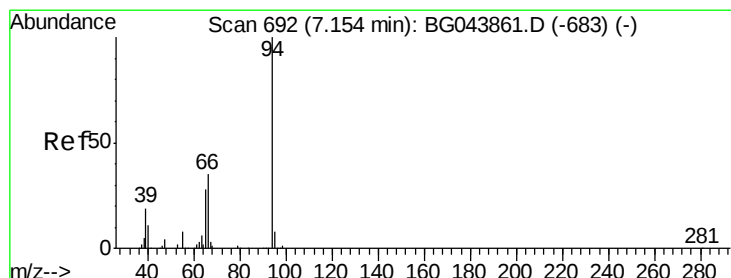
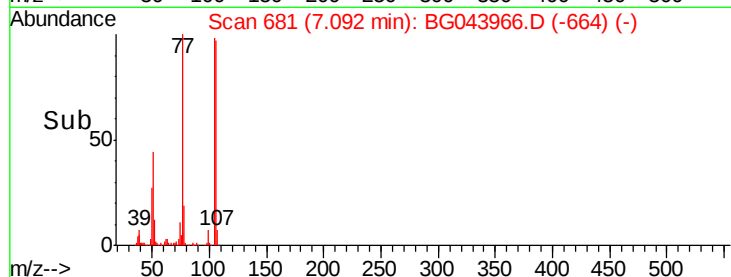
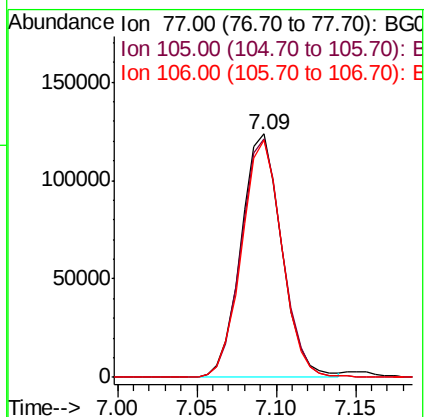
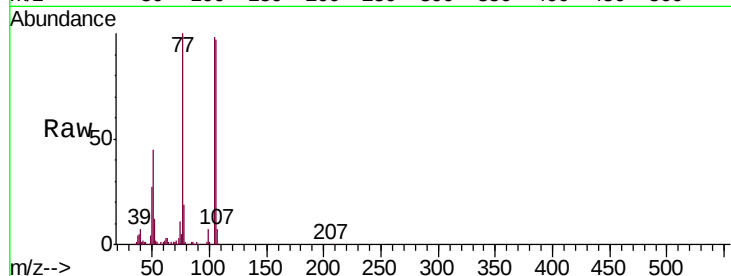
Tgt Ion: 77 Resp: 220700

Ion Ratio Lower Upper

77 100

105 98.1 80.2 120.2

106 97.2 77.2 117.2



#10

Phenol

Concen: 38.298 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

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Acq: 8 Jan 2020 14:08

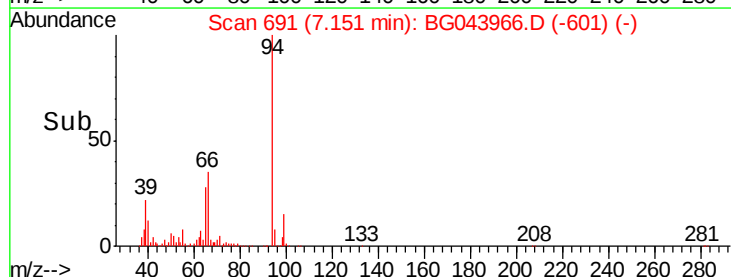
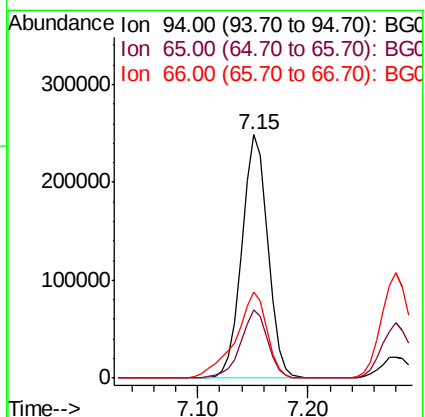
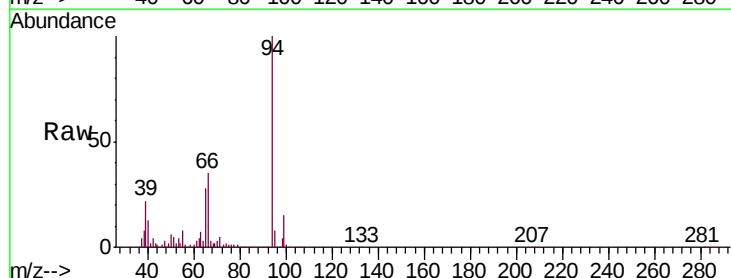
Tgt Ion: 94 Resp: 412092

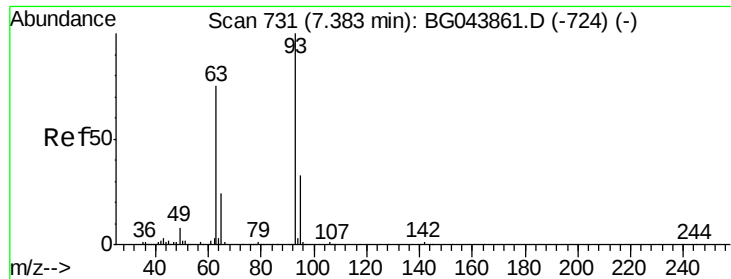
Ion Ratio Lower Upper

94 100

65 28.1 8.1 48.1

66 35.2 15.6 55.6

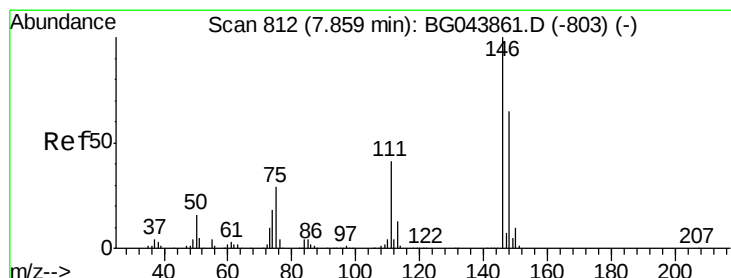
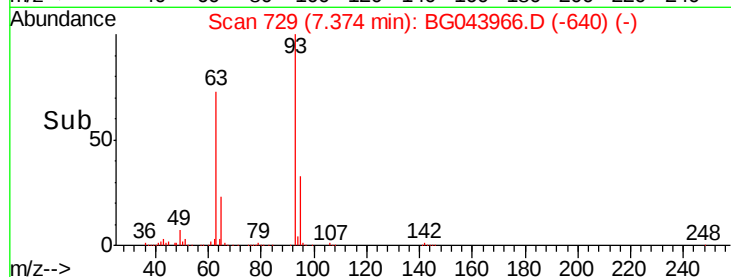
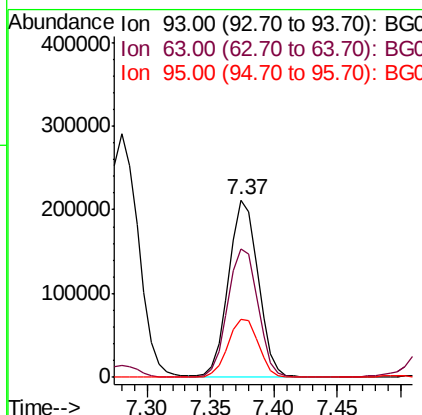
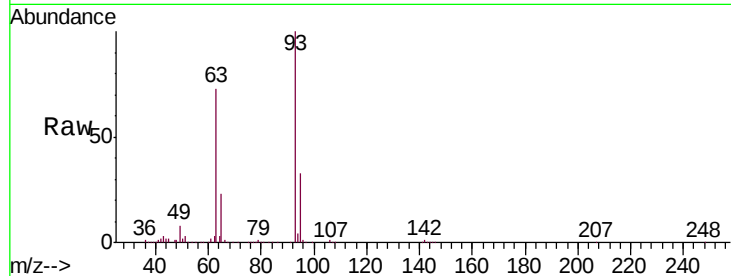




#11
bis(2-Chloroethyl)ether
Concen: 36.870 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

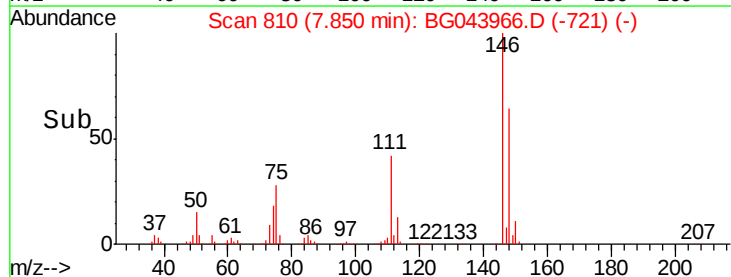
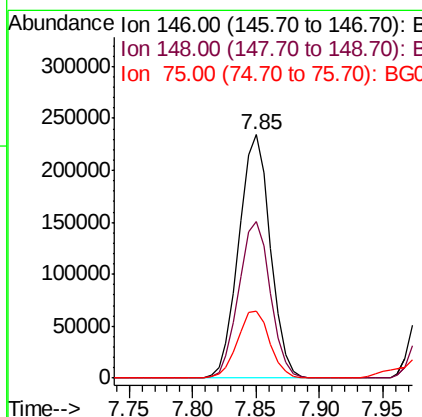
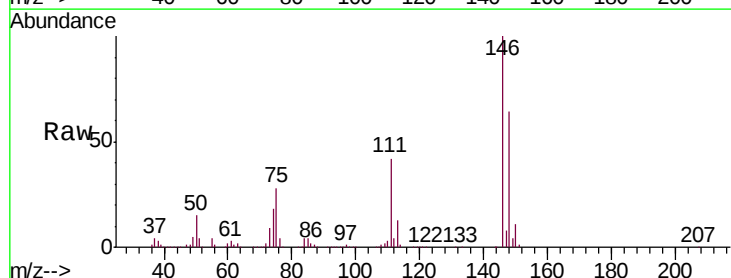
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

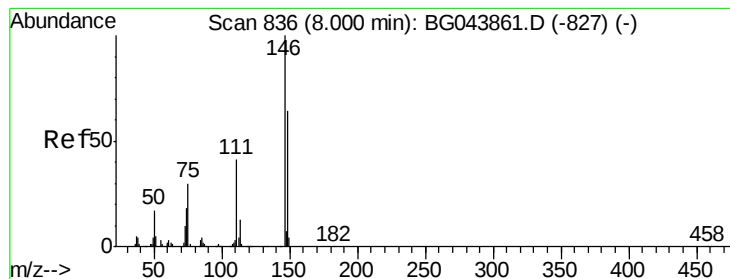
Tgt Ion: 93 Resp: 342454
Ion Ratio Lower Upper
93 100
63 72.8 55.0 95.0
95 33.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.456 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion: 146 Resp: 404980
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
75 27.7 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 39.506 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

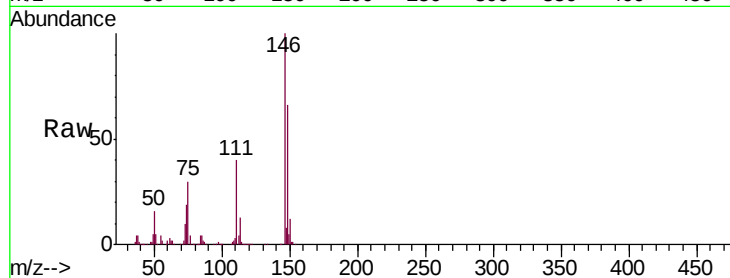
Tgt Ion:146 Resp: 400091

Ion Ratio Lower Upper

146 100

148 65.9 51.2 76.8

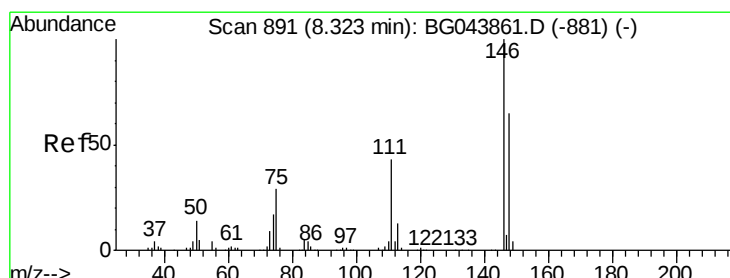
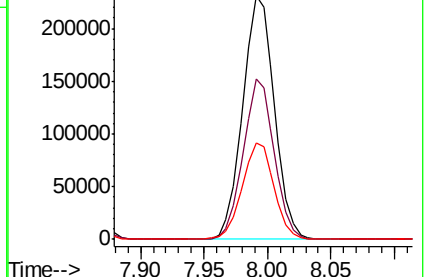
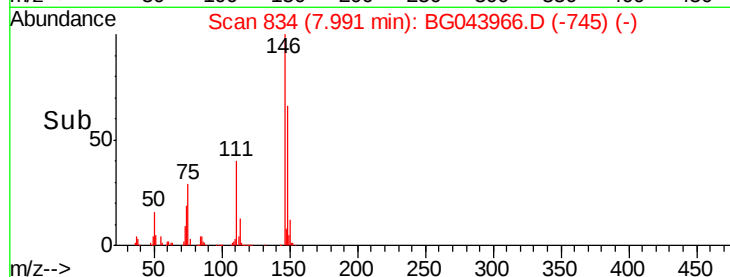
111 39.8 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.081 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

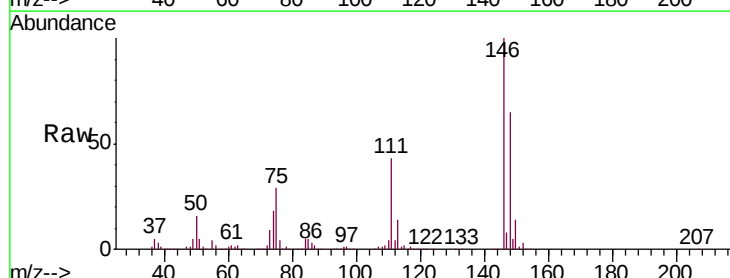
Tgt Ion:146 Resp: 379899

Ion Ratio Lower Upper

146 100

148 65.4 51.7 77.5

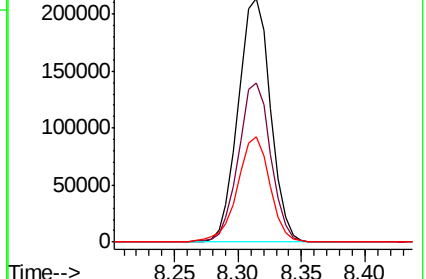
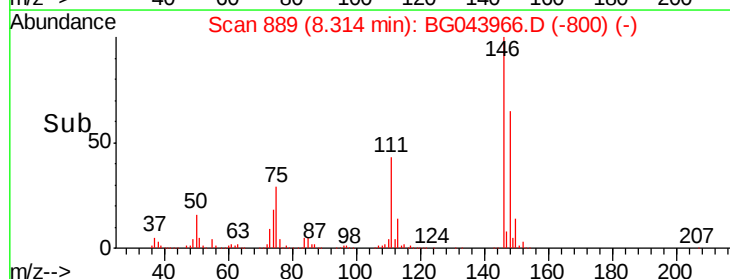
111 43.2 34.4 51.6

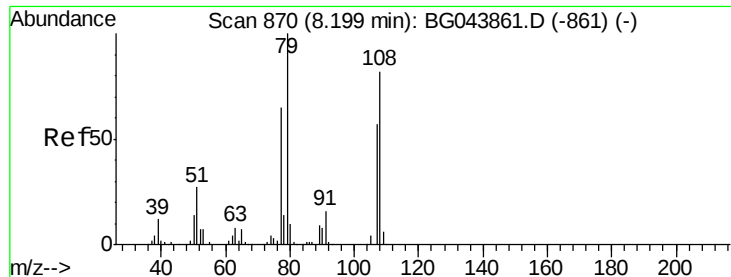


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.698 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

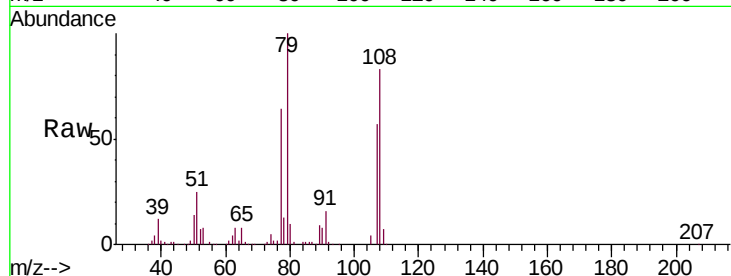
Tgt Ion: 79 Resp: 302481

Ion Ratio Lower Upper

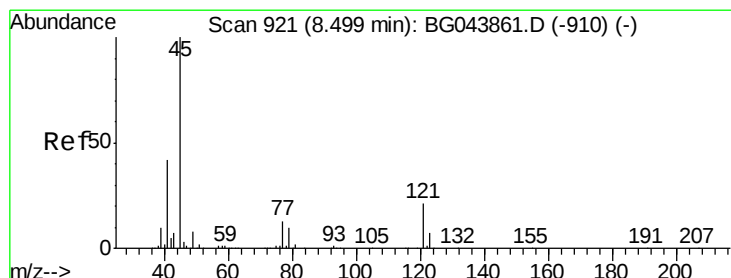
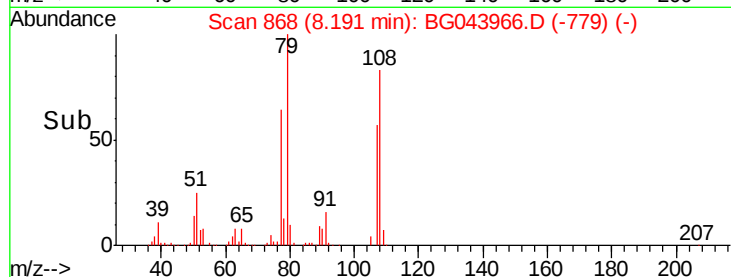
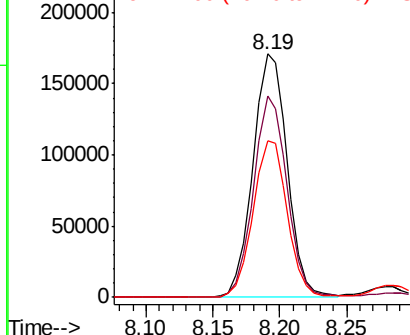
79 100

108 82.5 65.6 98.4

77 64.3 52.0 78.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.621 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

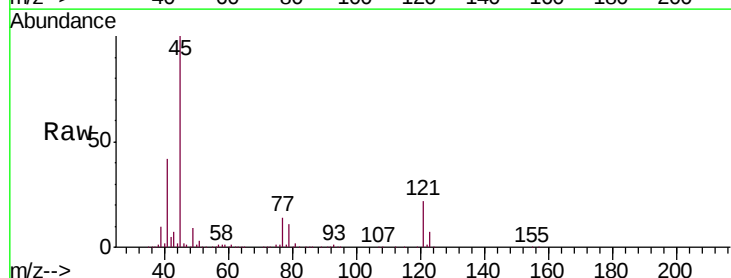
Tgt Ion: 45 Resp: 511867

Ion Ratio Lower Upper

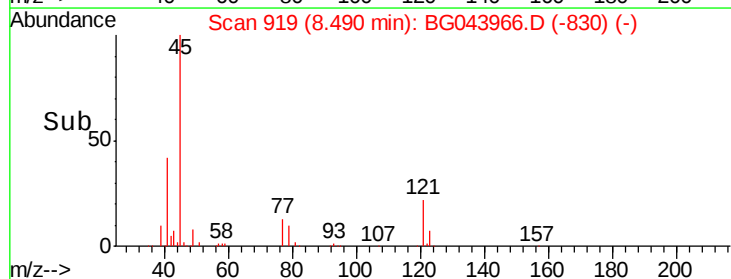
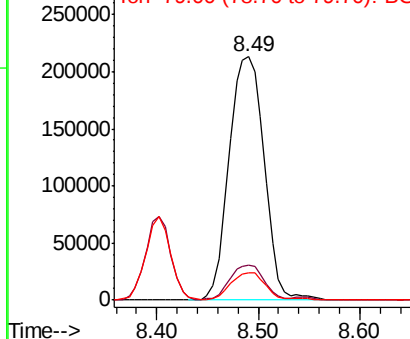
45 100

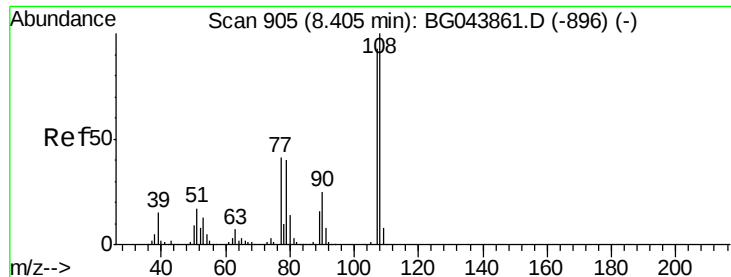
77 14.1 0.0 33.8

79 11.0 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 37.641 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 293100

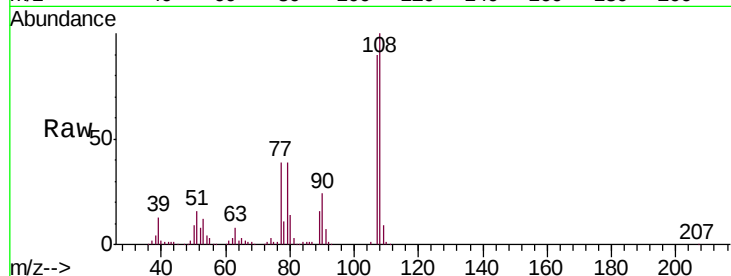
Ion Ratio Lower Upper

107 100

108 110.6 86.1 129.1

77 43.1 35.4 53.0

79 42.7 34.8 52.2



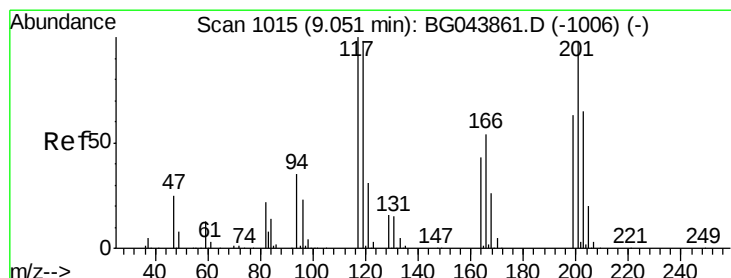
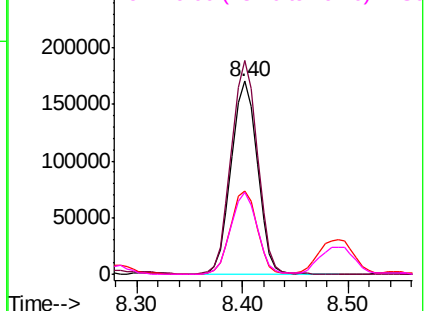
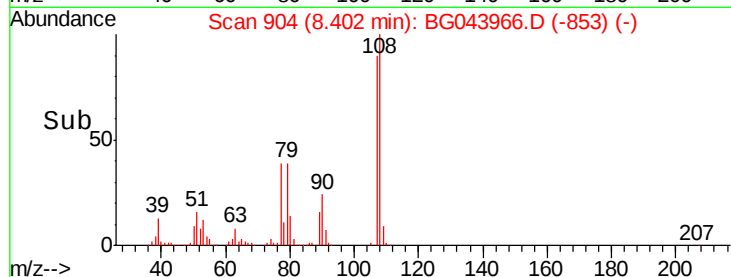
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.236 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

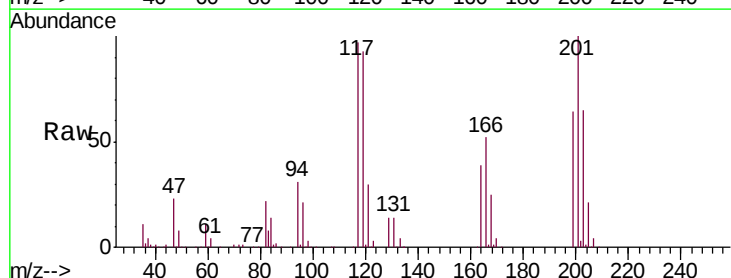
Tgt Ion:117 Resp: 150678

Ion Ratio Lower Upper

117 100

119 95.7 78.1 117.1

201 102.7 78.6 117.8

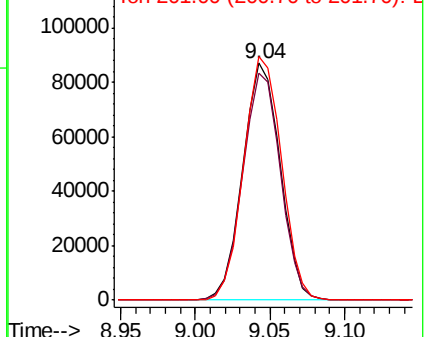
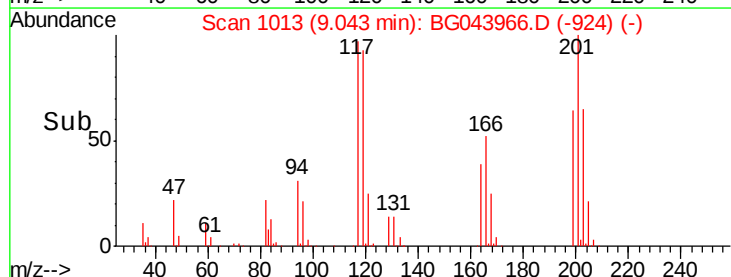


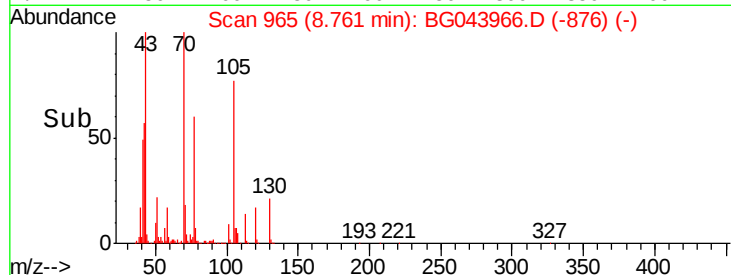
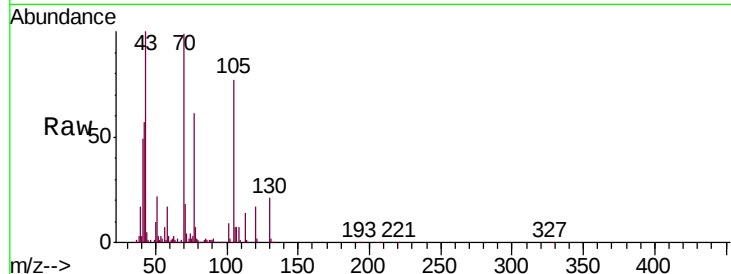
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

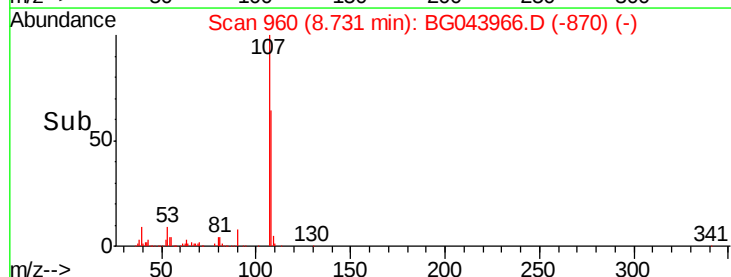
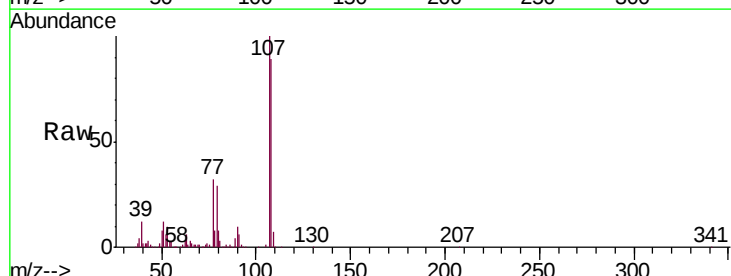
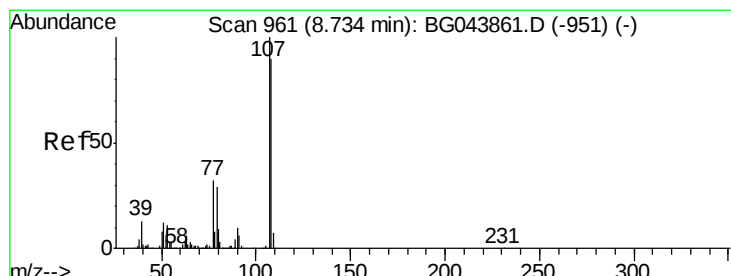
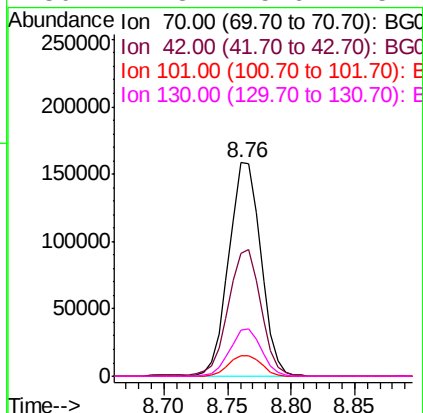




#19
n-Nitroso-di-n-propylamine
Concen: 35.770 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

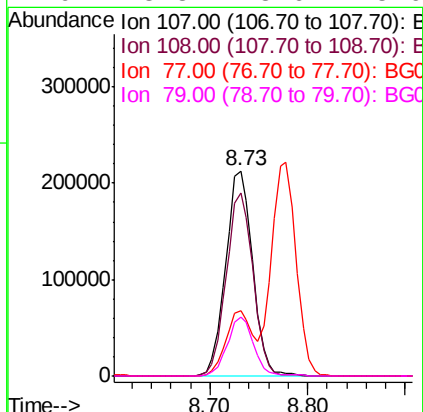
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	278204
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.0	70.4
101	9.4	7.2	10.8
130	21.3	15.6	23.4



#20
3+4-Methylphenols
Concen: 37.487 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:	107	Resp:	407211
Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.3	110.3
77	32.0	12.4	52.4
79	28.8	8.6	48.6

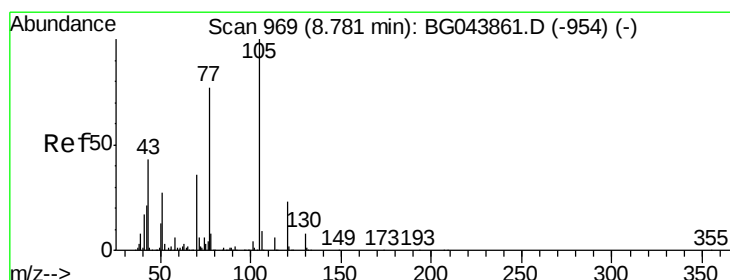
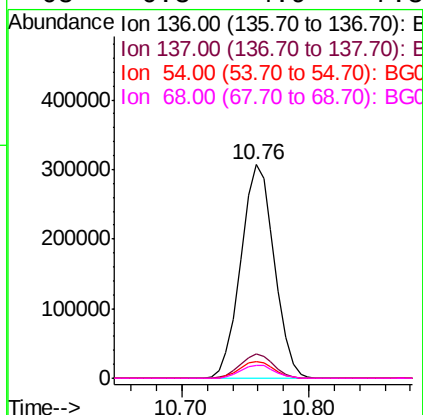
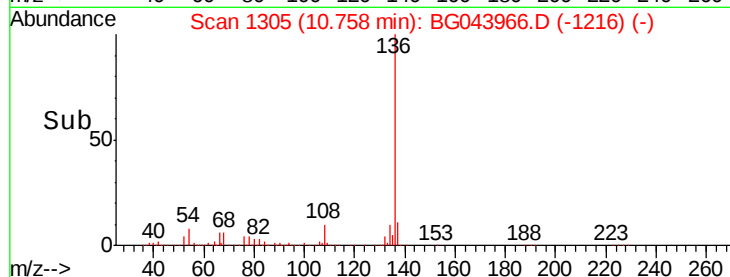
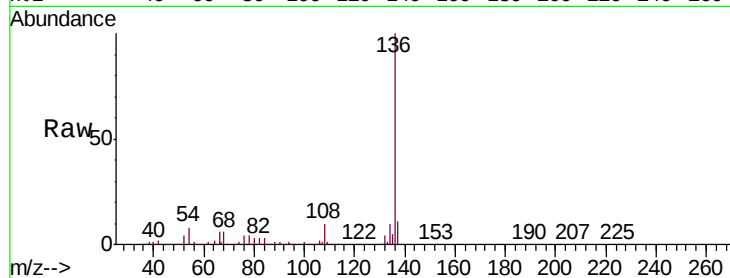




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

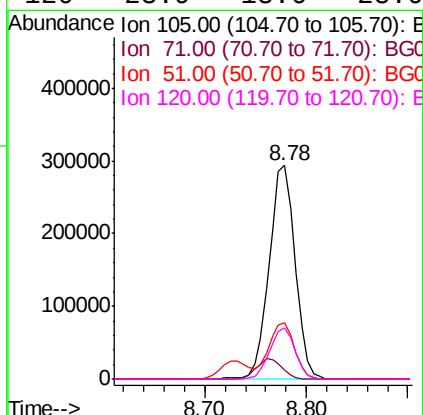
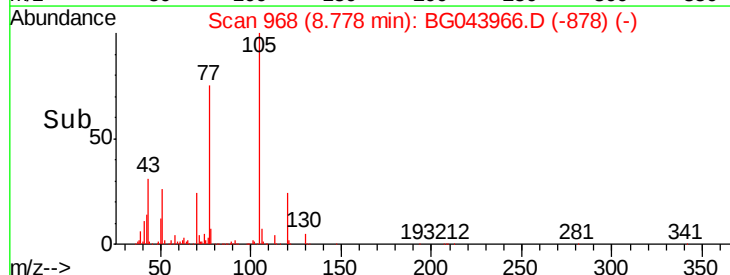
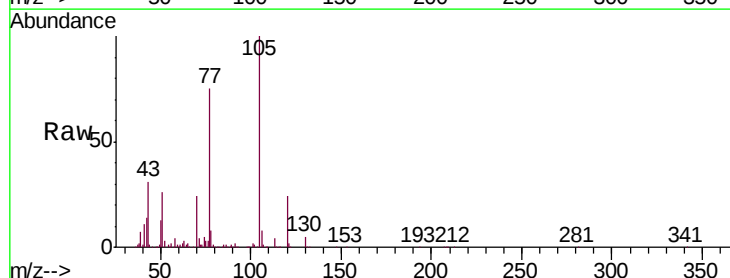
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

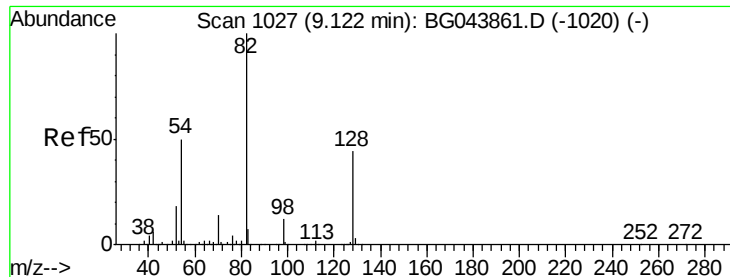
Tgt Ion:	136	Resp:	560153
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.8	7.0	10.4
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 37.700 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:	105	Resp:	524999
Ion	Ratio	Lower	Upper
105	100		
71	4.1	4.8	7.2#
51	26.2	21.4	32.0
120	23.9	18.6	28.0

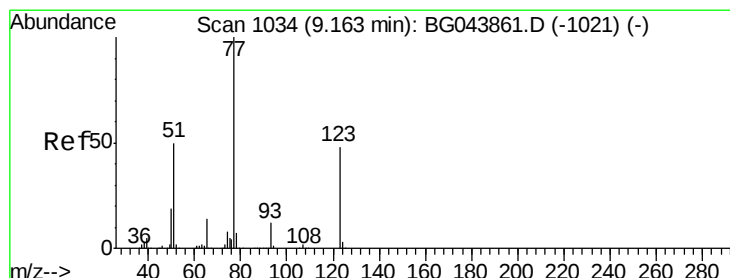
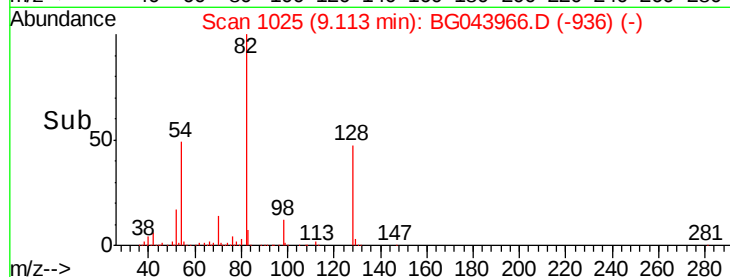
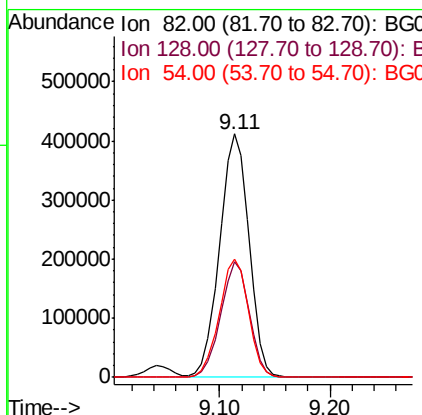
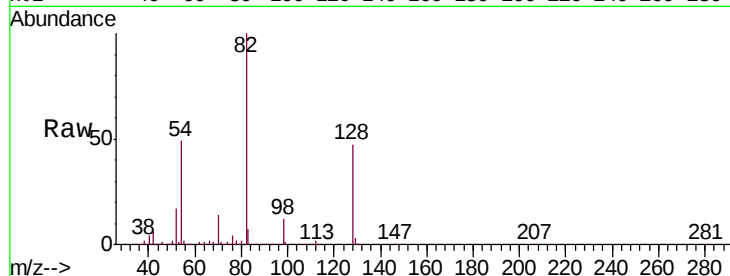




#23
 Nitrobenzene-d5
 Concen: 72.590 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

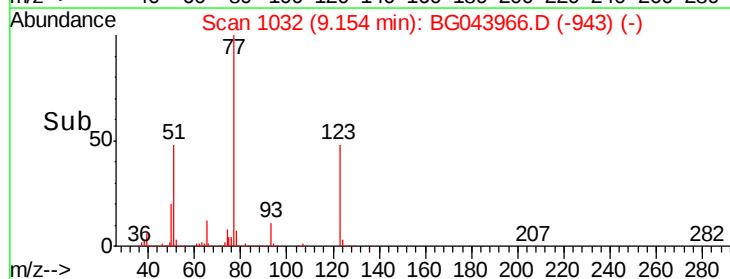
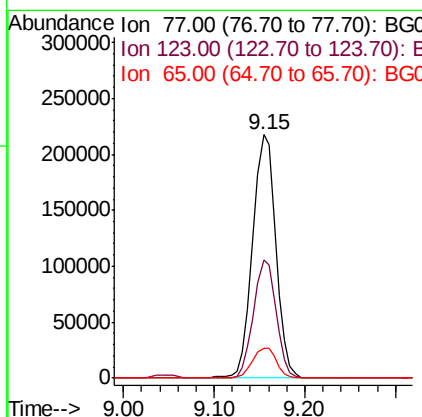
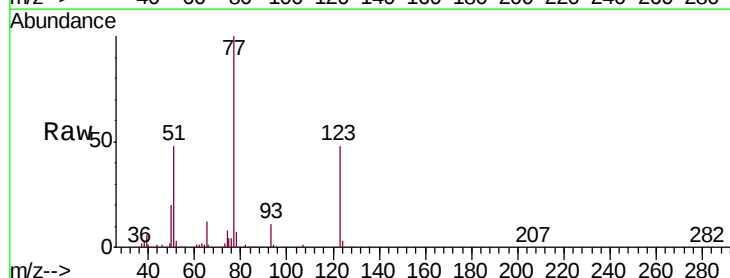
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

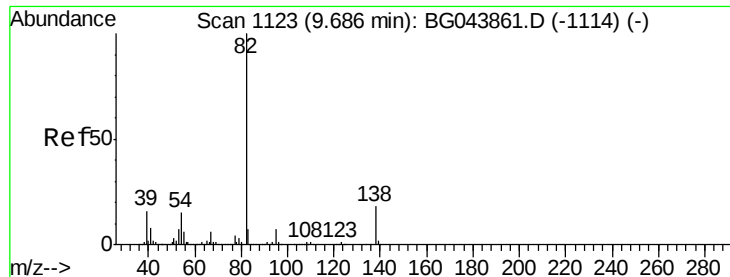
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.1	52.7
54	48.6	40.1	60.1



#24
 Nitrobenzene
 Concen: 37.268 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.7	58.1
65	12.0	11.1	16.7





#25

Isophorone

Concen: 37.072 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

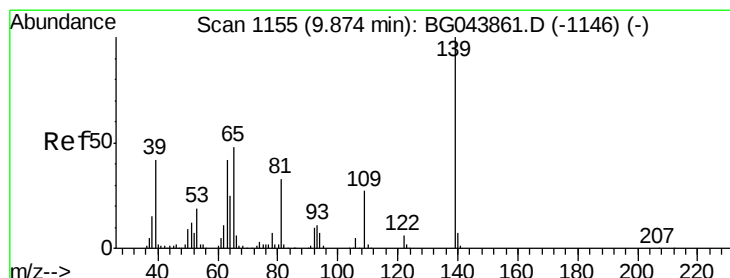
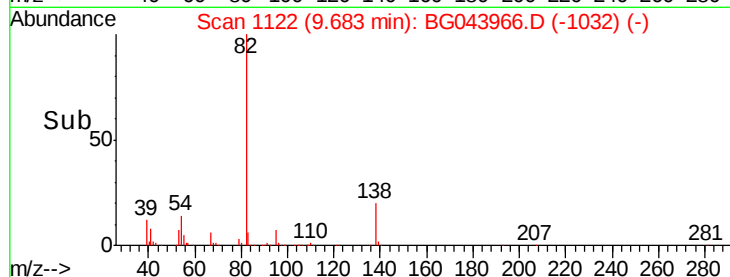
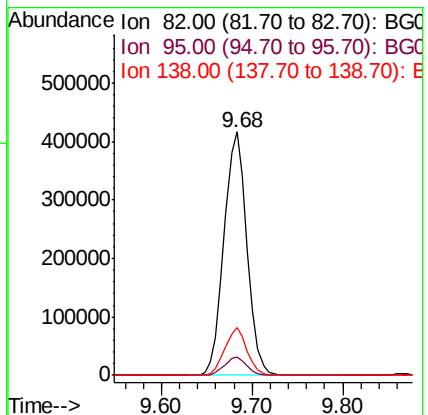
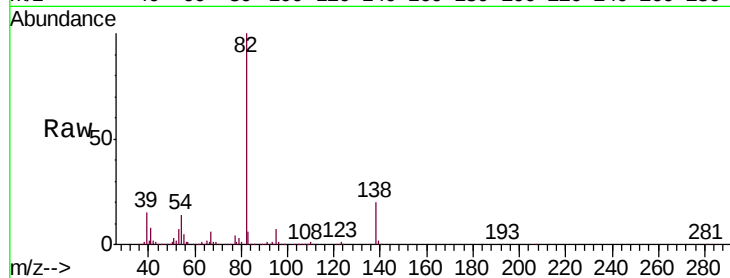
Tgt Ion: 82 Resp: 728270

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 19.7 14.6 22.0



#26

2-Nitrophenol

Concen: 41.184 ng

RT: 9.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

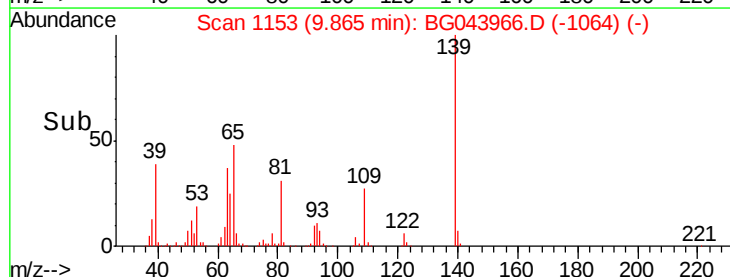
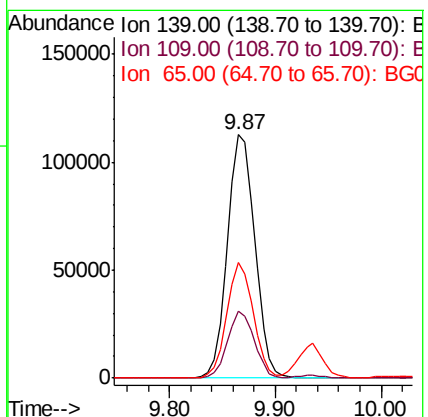
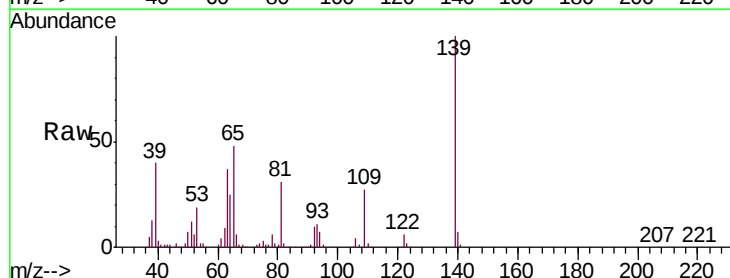
Tgt Ion: 139 Resp: 202073

Ion Ratio Lower Upper

139 100

109 27.3 21.3 31.9

65 47.6 38.6 57.8

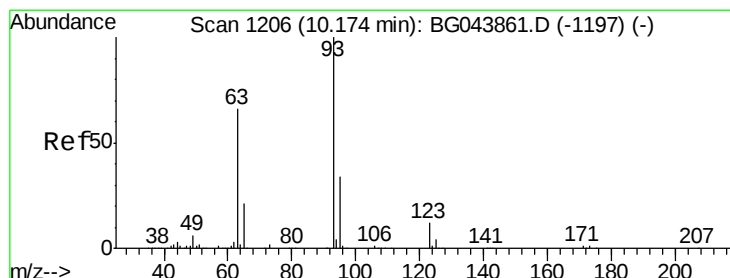
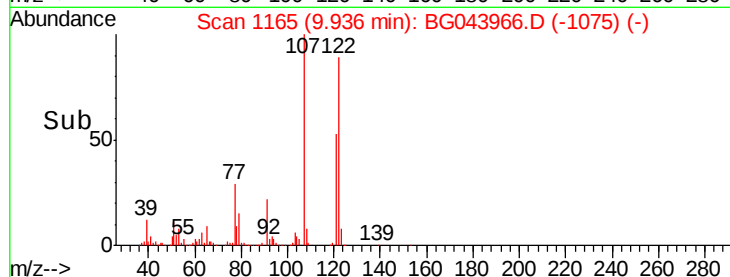
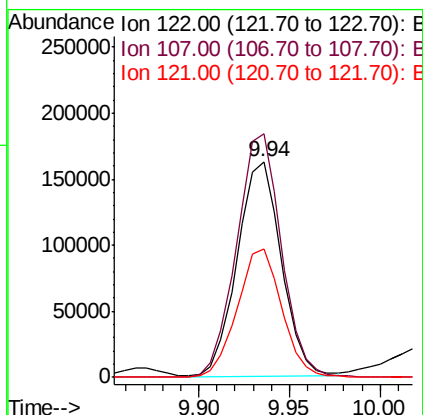
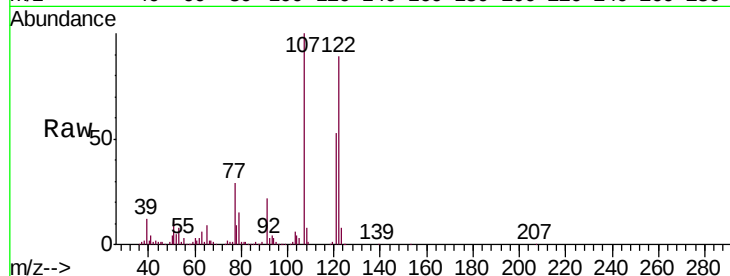




#27
 2,4-Dimethylphenol
 Concen: 37.368 ng
 RT: 9.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

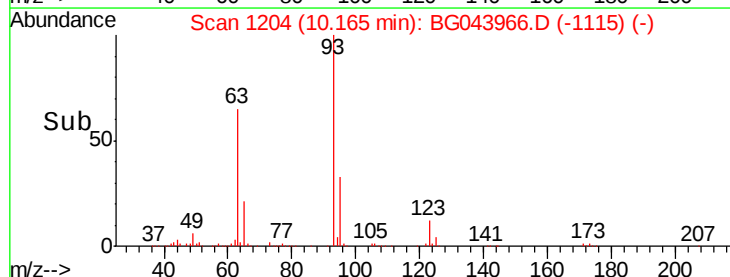
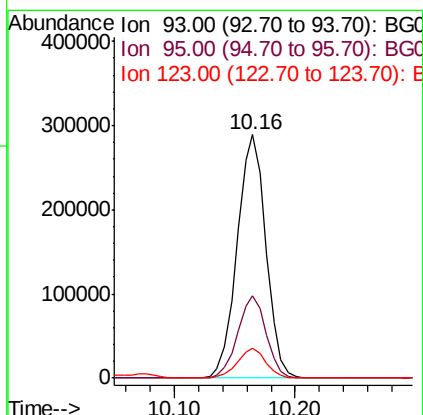
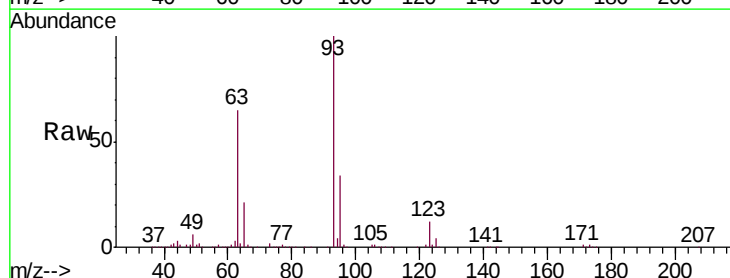
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.8	88.0	132.0
121	59.5	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.610 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.2	40.8
123	12.1	9.7	14.5

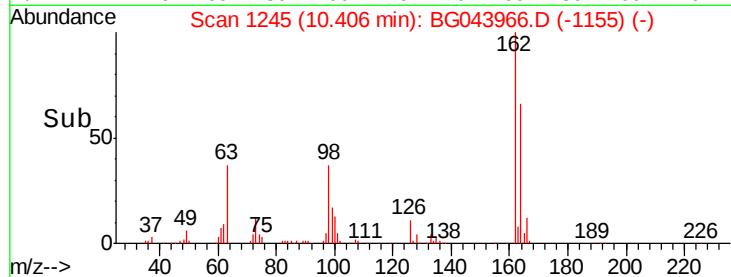
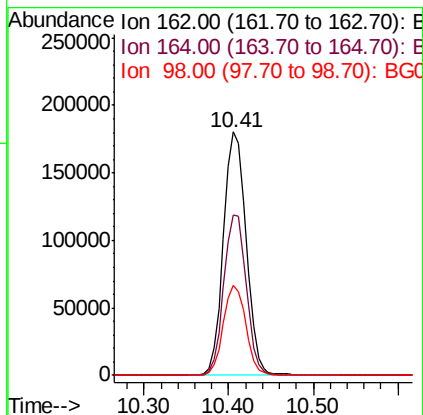
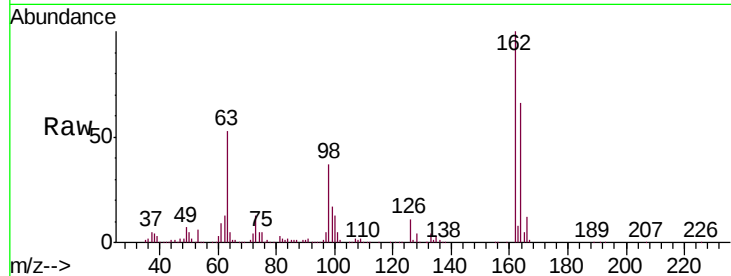




#29
2,4-Dichlorophenol
Concen: 38.154 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

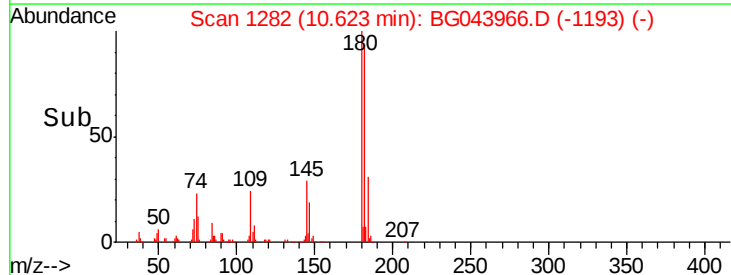
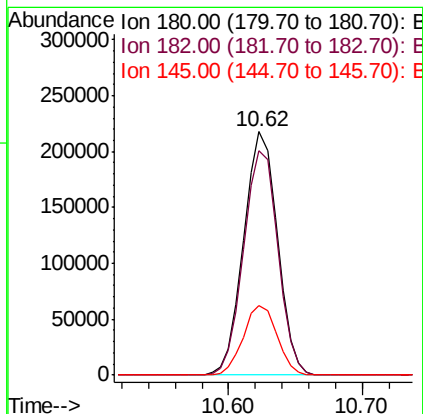
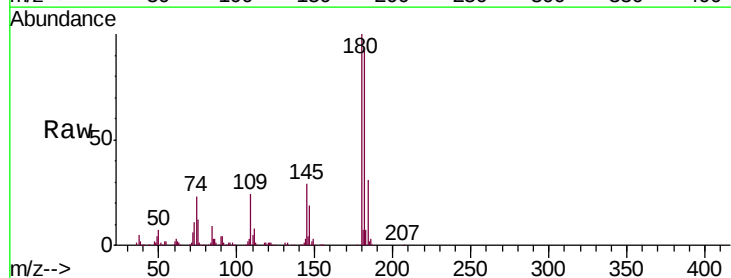
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 336138
Ion Ratio Lower Upper
162 100
164 66.0 46.3 86.3
98 36.8 17.3 57.3



#30
1,2,4-Trichlorobenzene
Concen: 38.504 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:180 Resp: 380346
Ion Ratio Lower Upper
180 100
182 92.2 75.0 112.4
145 28.8 24.2 36.4

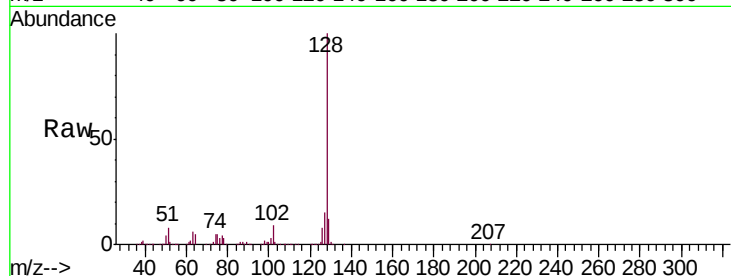




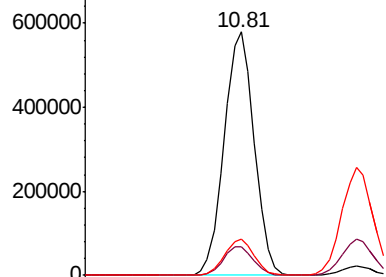
#31
Naphthalene
Concen: 38.762 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

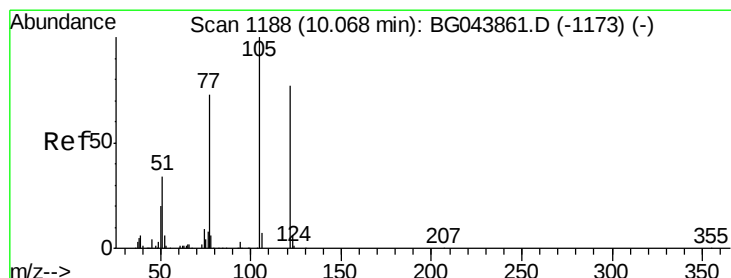
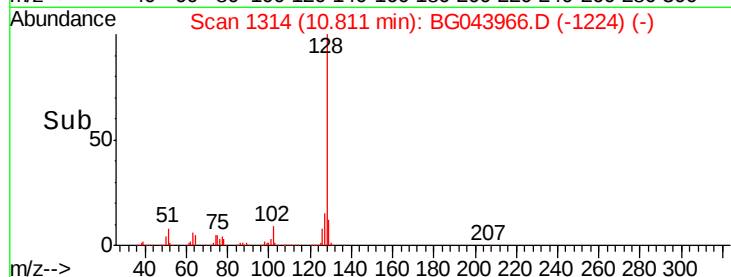
Tgt Ion:128 Resp: 1050695
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 14.9 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

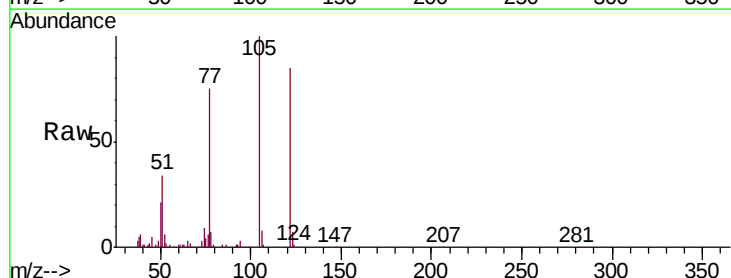


Time-->

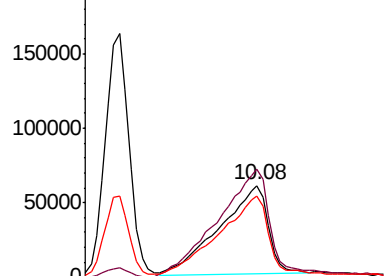


#32
Benzoic acid
Concen: 35.934 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

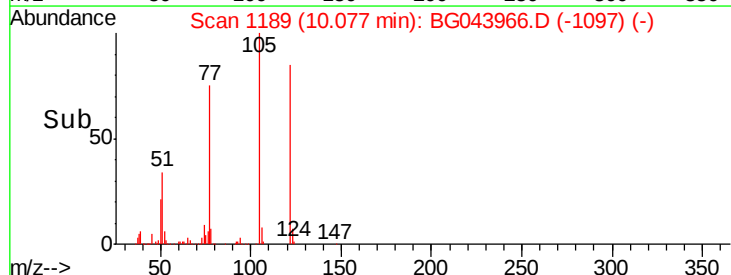
Tgt Ion:122 Resp: 205247
Ion Ratio Lower Upper
122 100
105 118.1 106.4 146.4
77 88.8 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG



Time-->

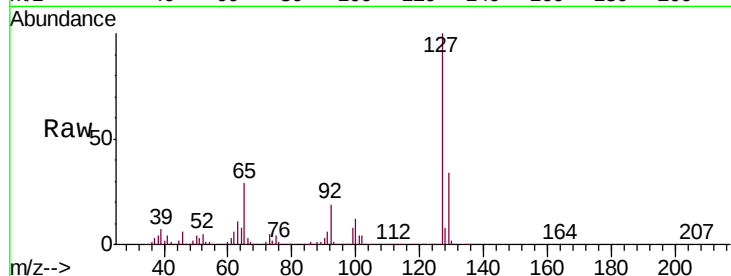




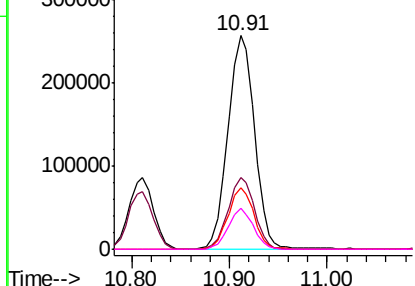
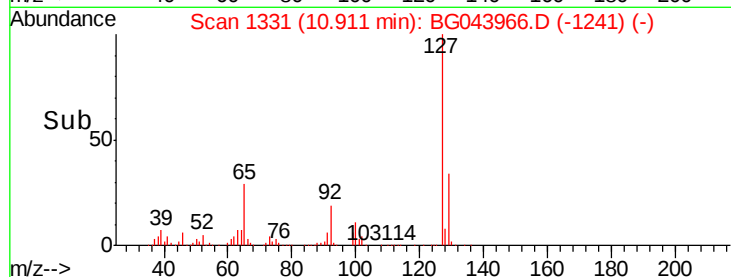
#33
4-Chloroaniline
Concen: 37.544 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	485402
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.6	40.0
65	28.6	23.3	34.9
92	19.3	14.7	22.1

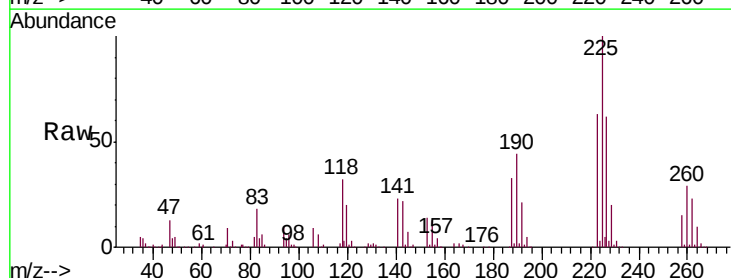


Abundance Ion 127.00 (126.70 to 127.70): E
400000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

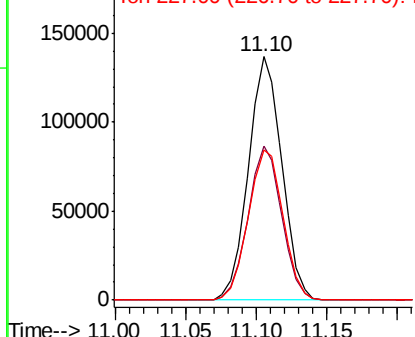
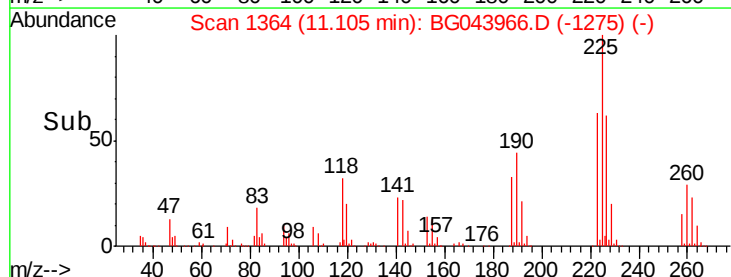


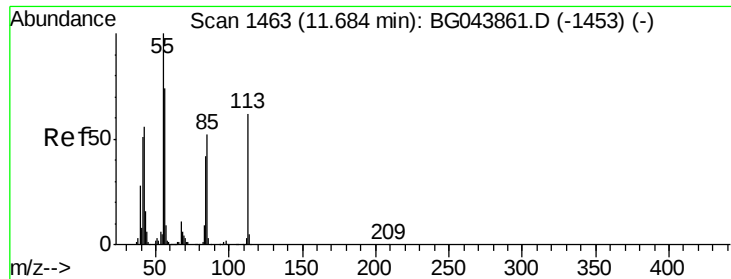
#34
Hexachlorobutadiene
Concen: 37.677 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:	225	Resp:	227235
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.4
227	61.8	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

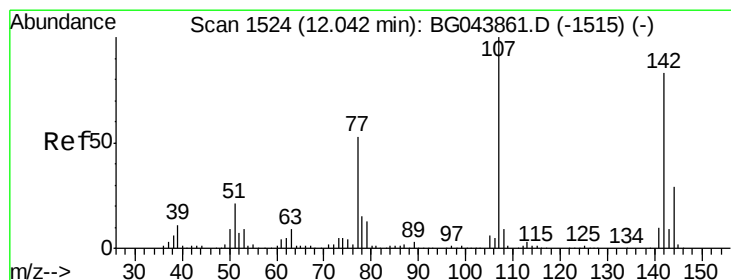
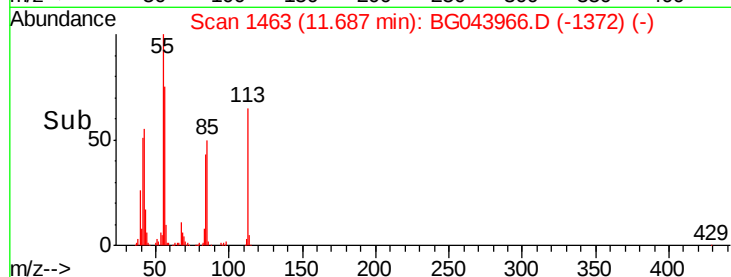
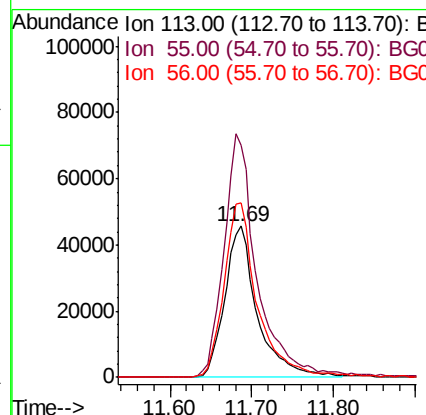
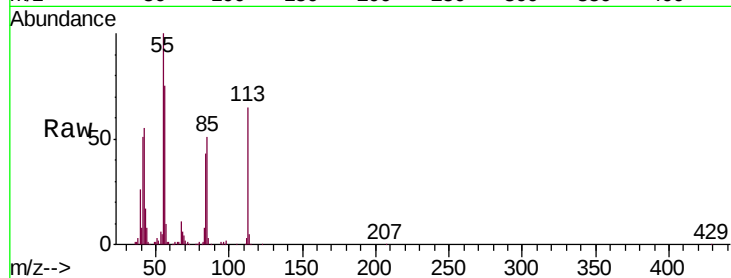




#35
 Caprolactam
 Concen: 38.640 ng
 RT: 11.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

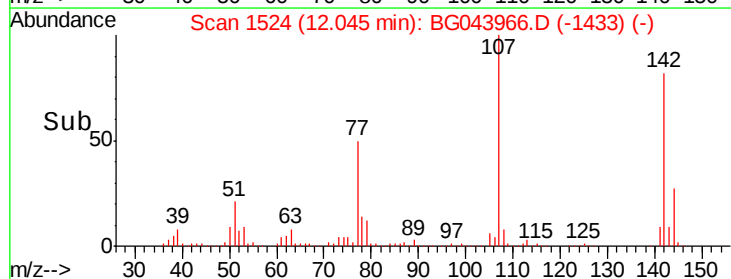
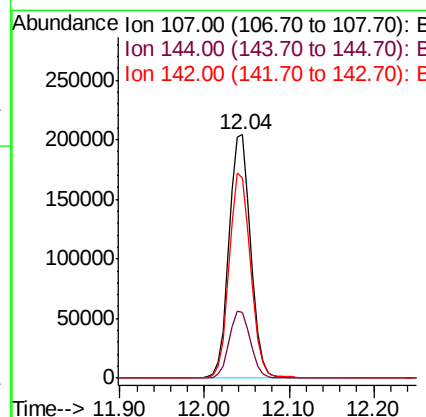
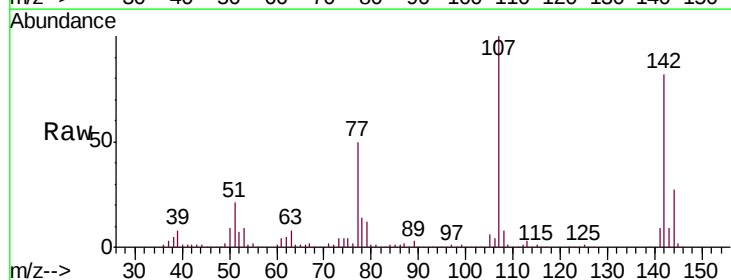
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

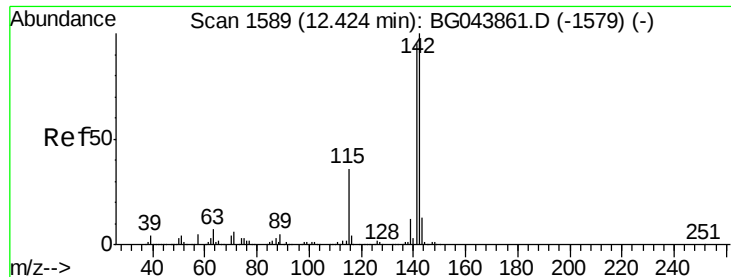
Tgt Ion:113 Resp: 126726
 Ion Ratio Lower Upper
 113 100
 55 153.6 142.5 182.5
 56 115.4 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.280 ng
 RT: 12.04 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

Tgt Ion:107 Resp: 359017
 Ion Ratio Lower Upper
 107 100
 144 27.2 23.4 35.2
 142 82.2 66.3 99.5

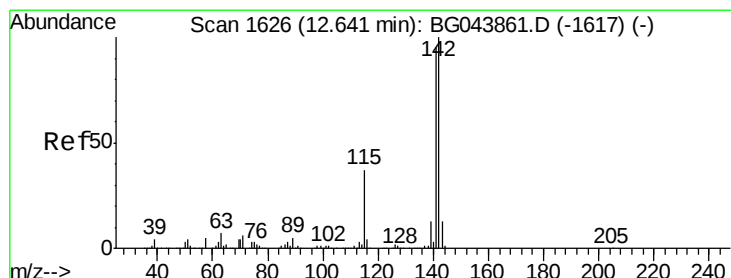
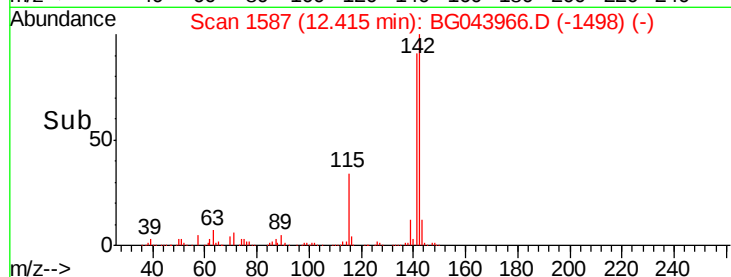
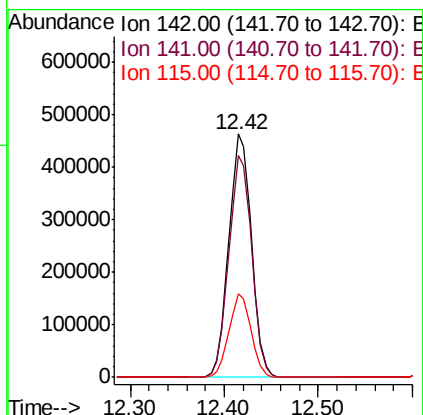
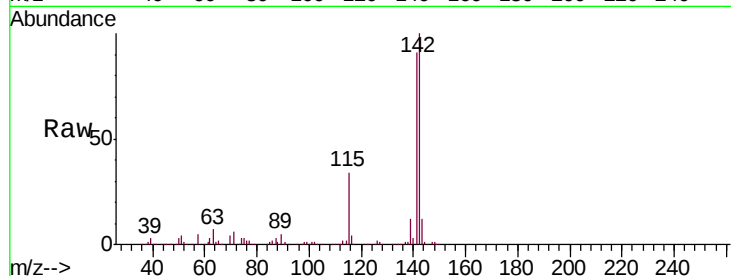




#37
2-Methylnaphthalene
Concen: 37.854 ng
RT: 12.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

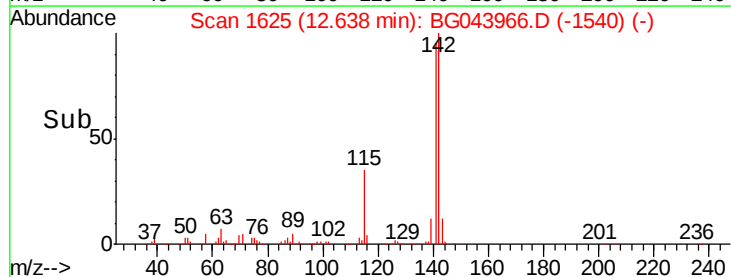
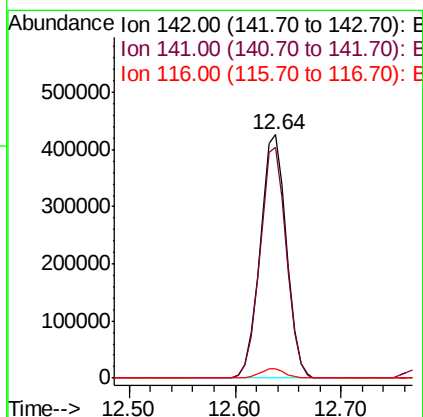
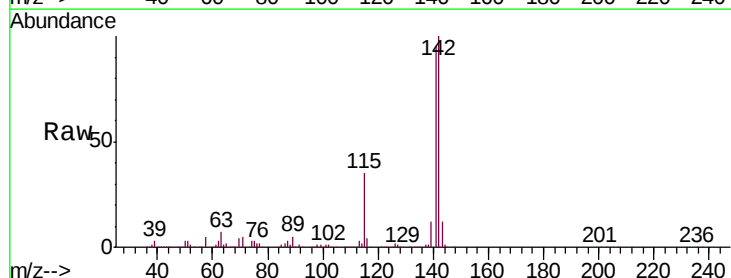
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

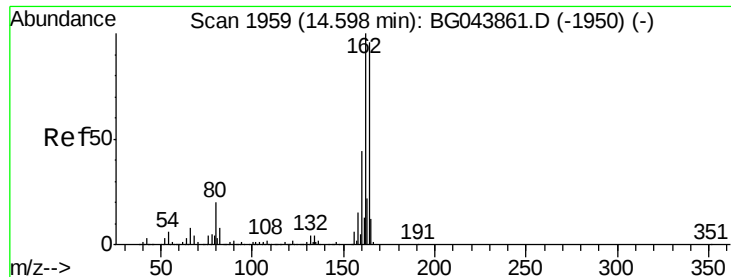
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.8	113.8
115	34.5	28.6	42.8



#38
1-Methylnaphthalene
Concen: 38.013 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.0	114.0
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

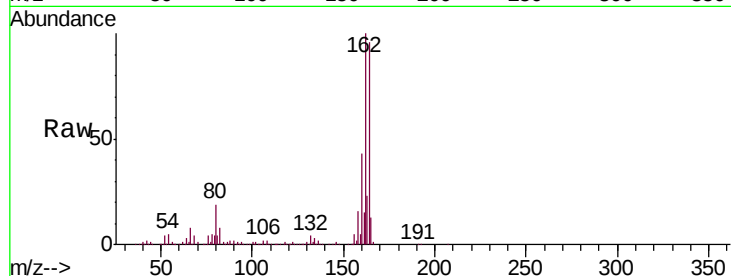
Tgt Ion:164 Resp: 357829

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

160 44.8 36.1 54.1

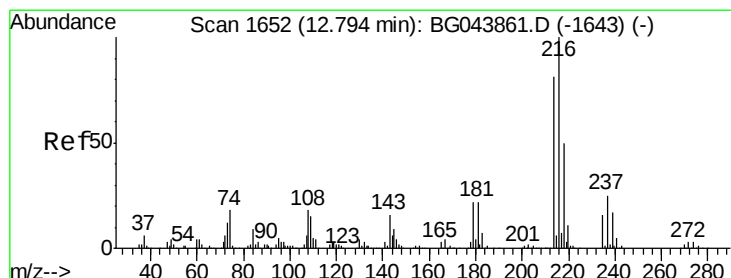
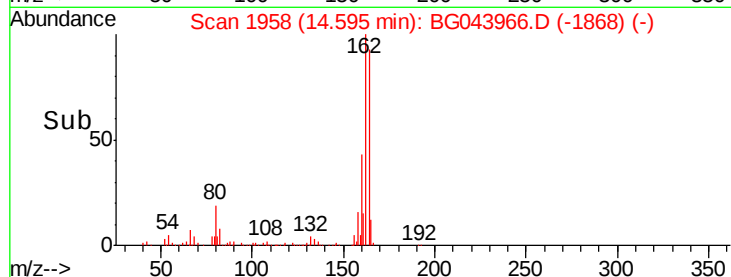
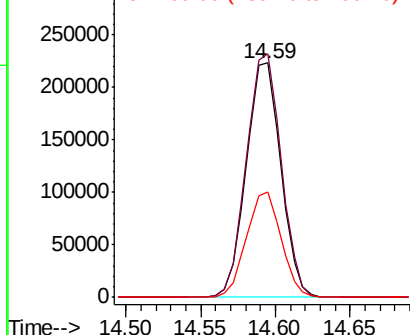


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.342 ng

RT: 12.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Tgt Ion:216 Resp: 391639

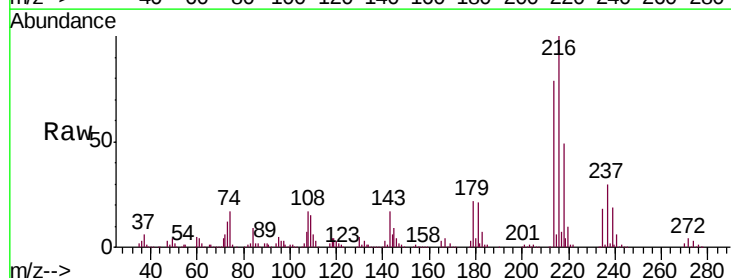
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 21.6 17.3 25.9

108 18.2 15.3 22.9



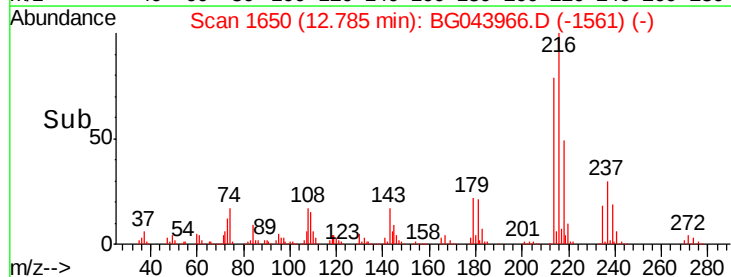
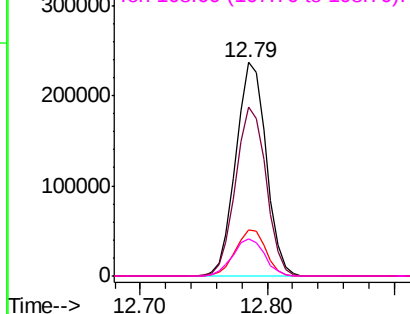
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.171 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

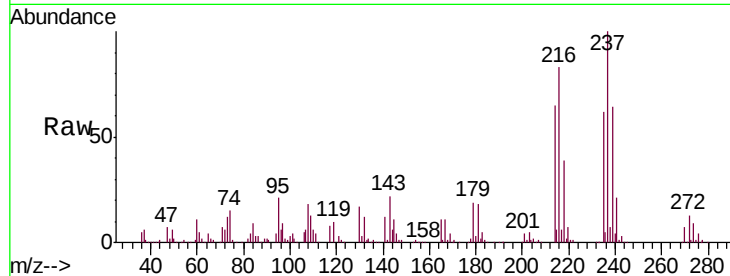
Tgt Ion: 237 Resp: 202113

Ion Ratio Lower Upper

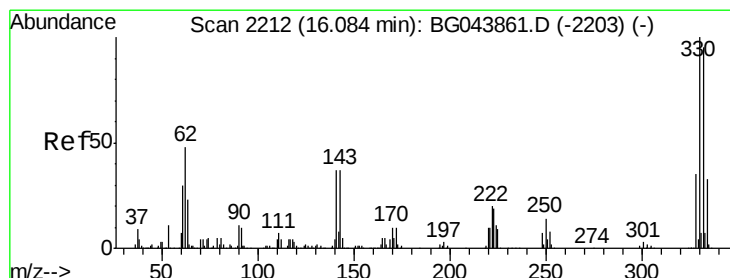
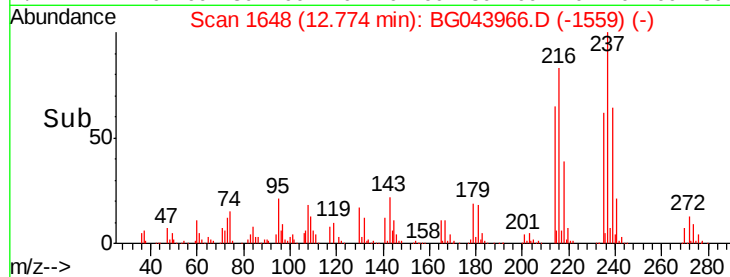
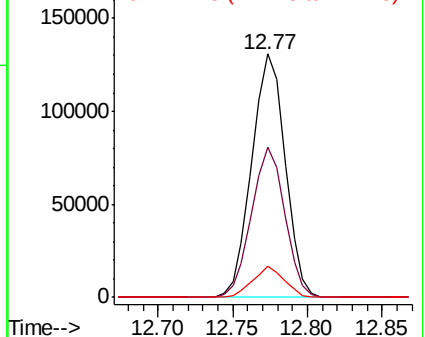
237 100

235 61.6 41.1 81.1

272 12.9 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 81.085 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

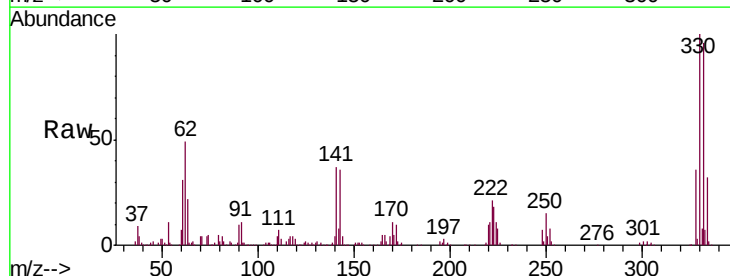
Tgt Ion: 330 Resp: 303631

Ion Ratio Lower Upper

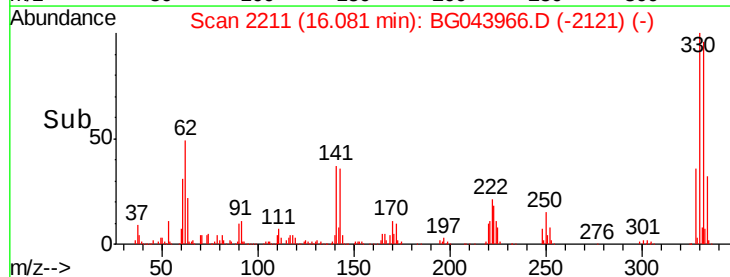
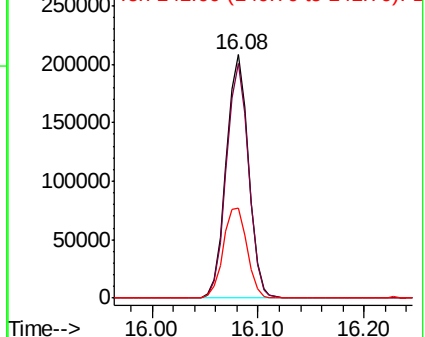
330 100

332 96.0 77.2 115.8

141 39.6 33.1 49.7



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

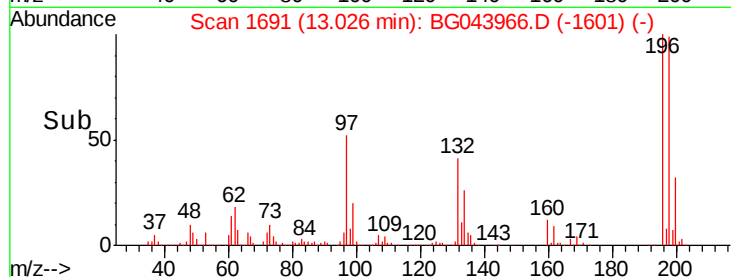
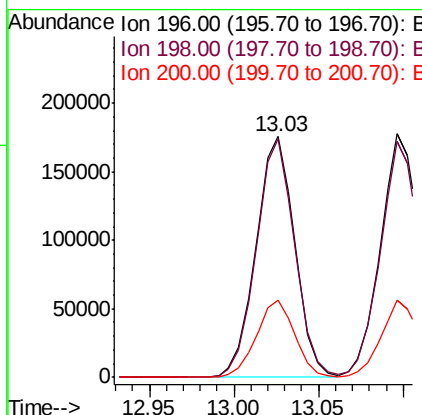
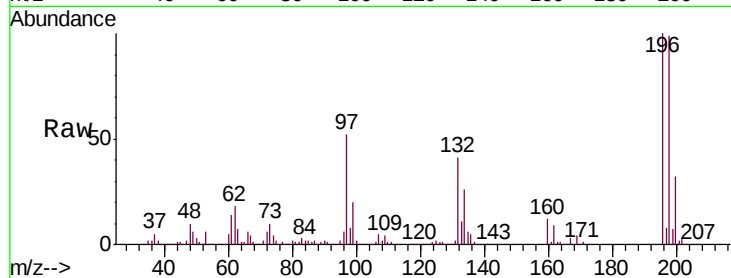




#43
 2,4,6-Trichlorophenol
 Concen: 38.824 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

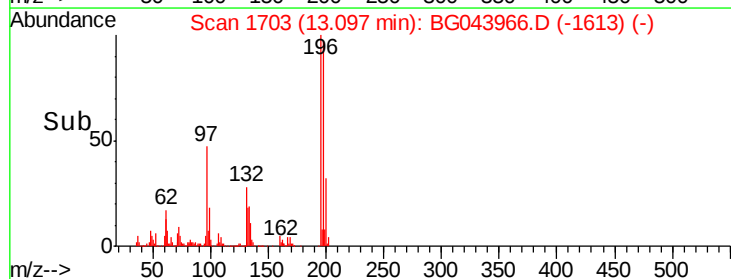
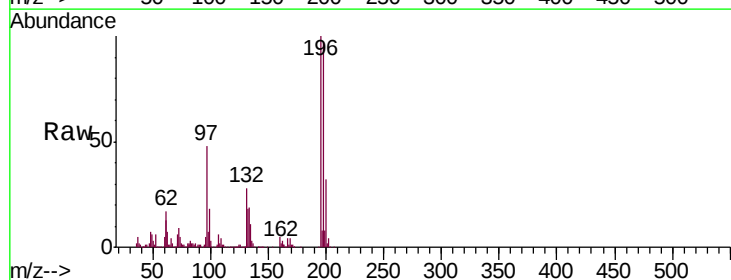
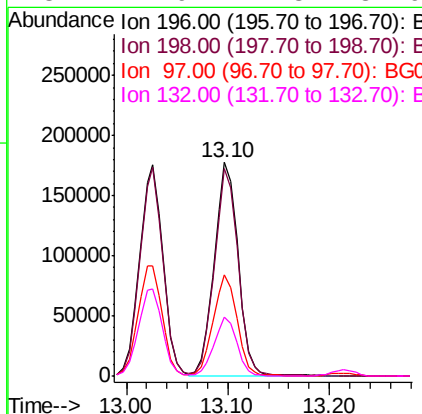
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion:196 Resp: 280176
 Ion Ratio Lower Upper
 196 100
 198 99.0 76.6 115.0
 200 32.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.922 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

Tgt Ion:196 Resp: 289700
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.3 117.5
 97 47.5 38.8 58.2
 132 27.9 21.3 31.9

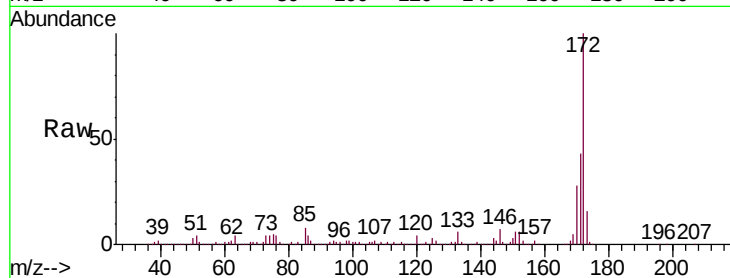




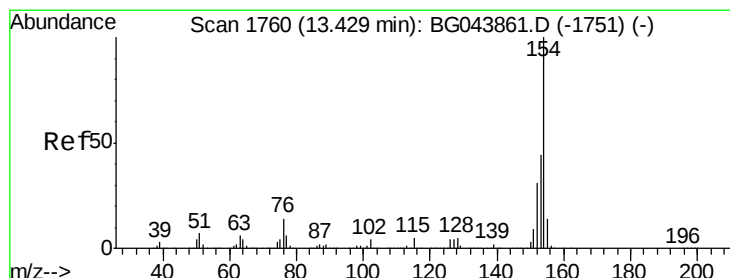
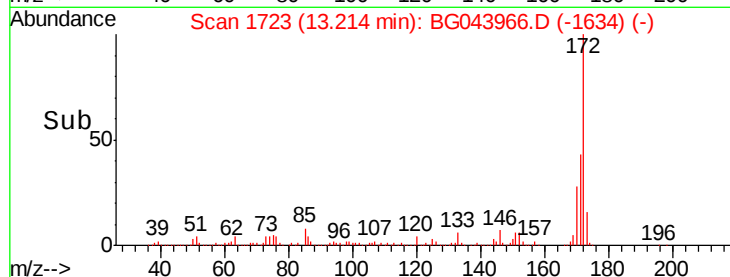
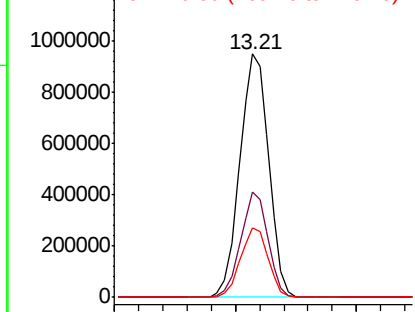
#45
2-Fluorobiphenyl
Concen: 80.015 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1580315
Ion Ratio Lower Upper
172 100
171 43.1 35.8 53.8
170 28.4 24.2 36.4

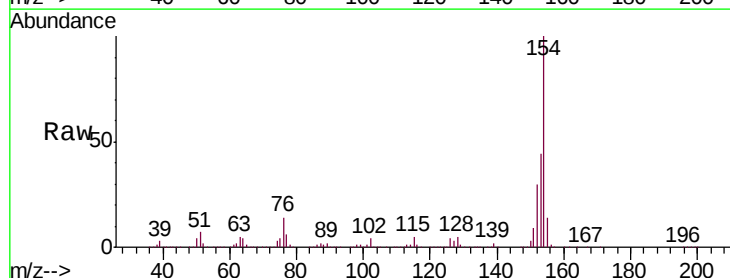


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

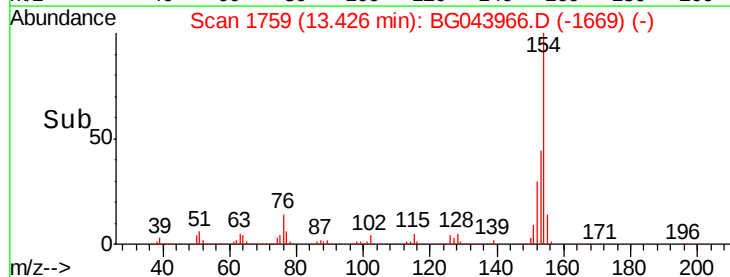
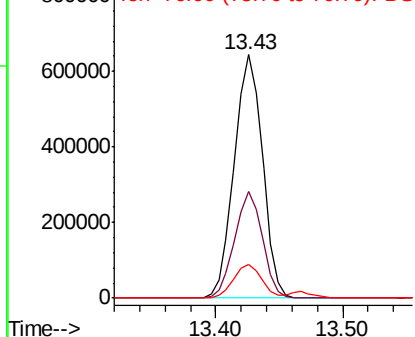


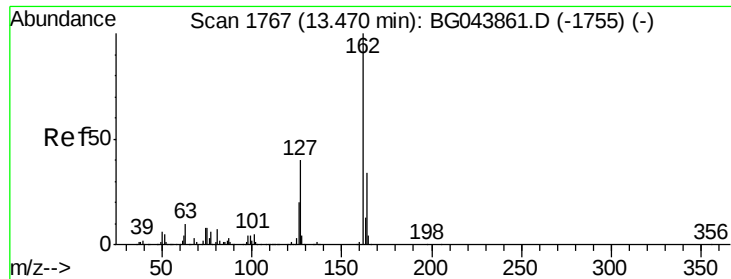
#46
1,1'-Biphenyl
Concen: 38.716 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:154 Resp: 993292
Ion Ratio Lower Upper
154 100
153 43.8 23.6 63.6
76 13.6 0.0 34.4



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

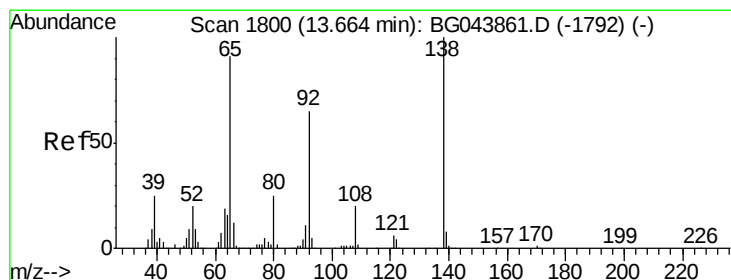
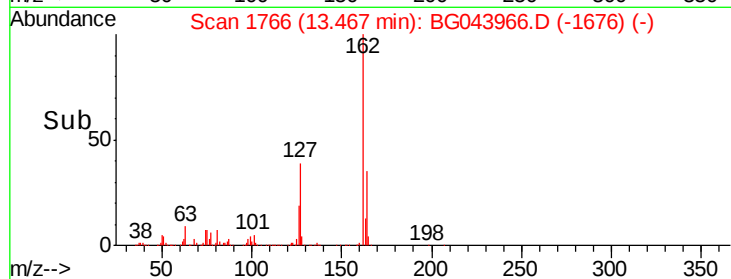
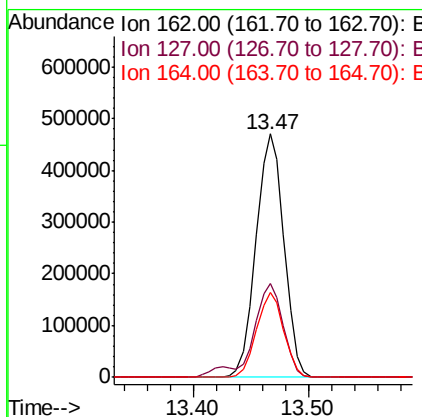
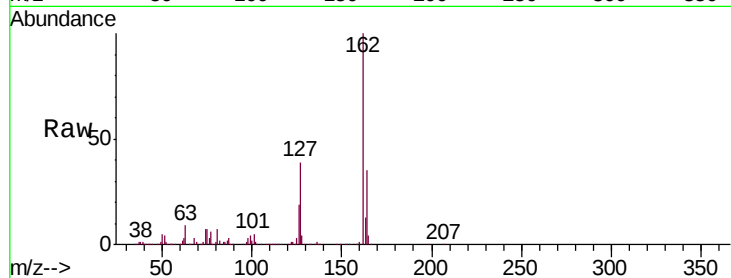




#47
2-Chloronaphthalene
Concen: 38.227 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

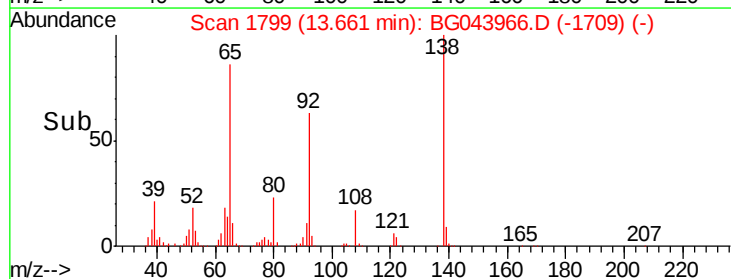
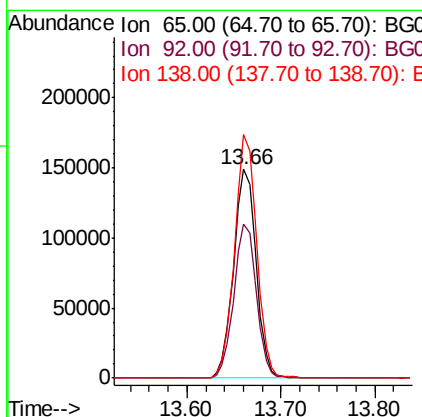
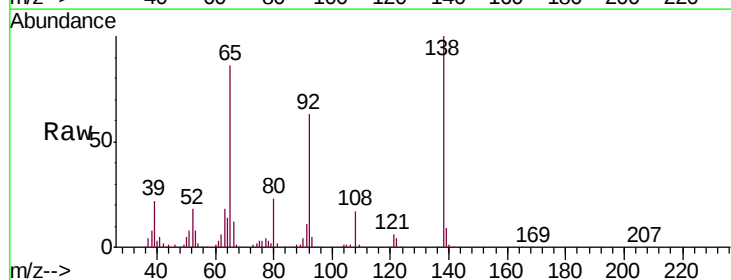
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

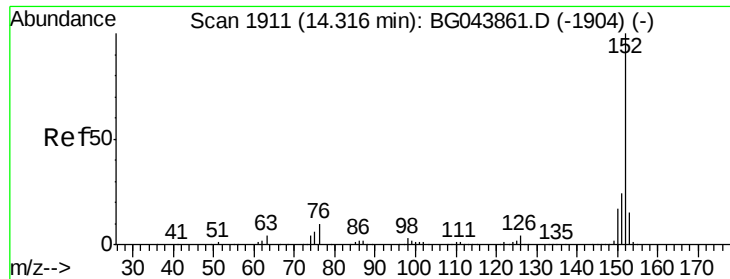
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.1	48.1
164	34.8	27.5	41.3



#48
2-Nitroaniline
Concen: 37.308 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	57.4	86.2
138	116.5	88.2	132.4





#49

Acenaphthylene

Concen: 38.991 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

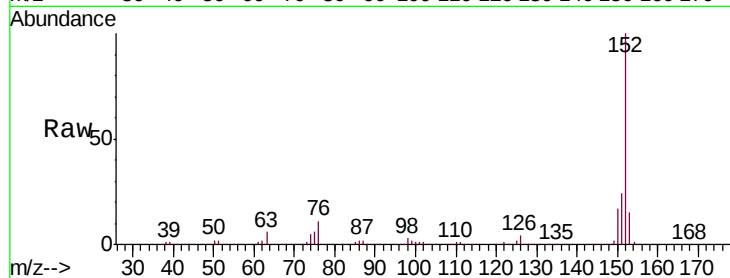
Tgt Ion:152 Resp: 1161843

Ion Ratio Lower Upper

152 100

151 23.8 19.4 29.2

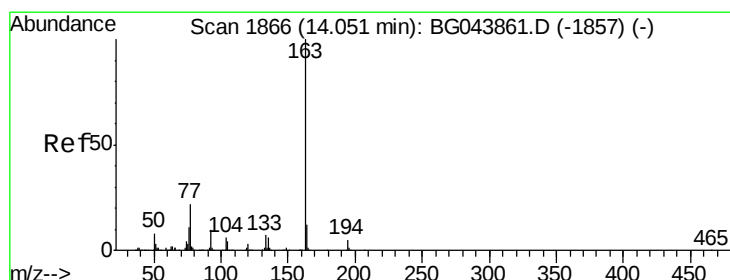
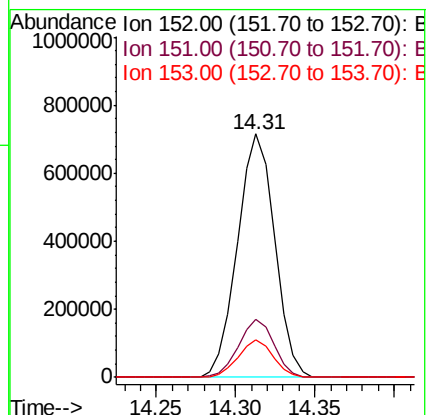
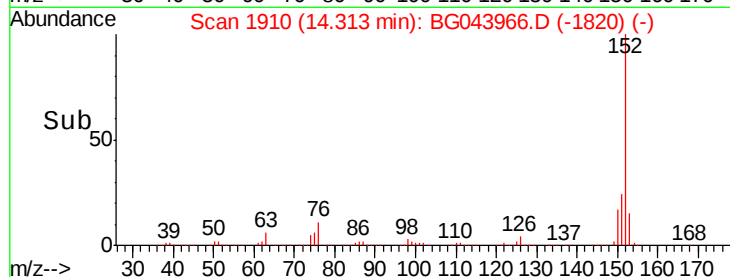
153 15.4 12.0 18.0



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: 38.899 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

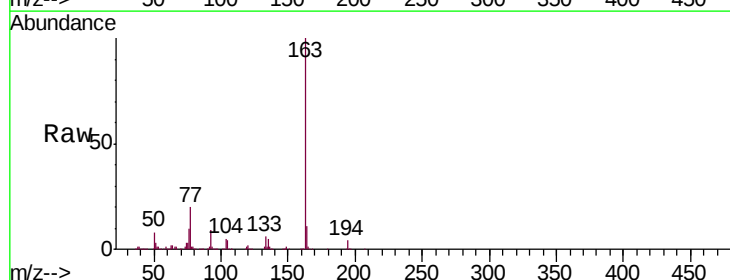
Tgt Ion:163 Resp: 988317

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

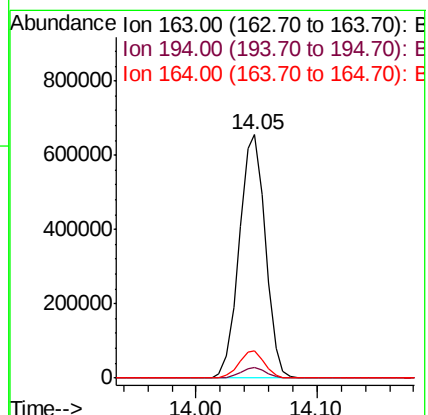
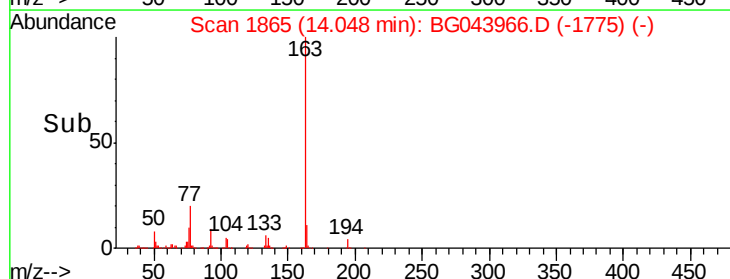
164 11.3 9.3 13.9



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

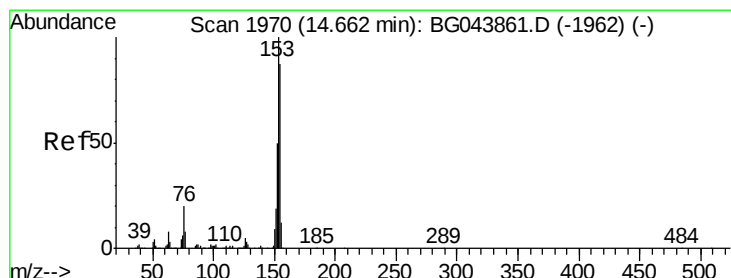
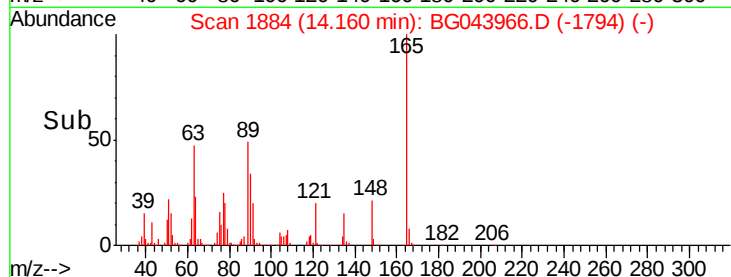
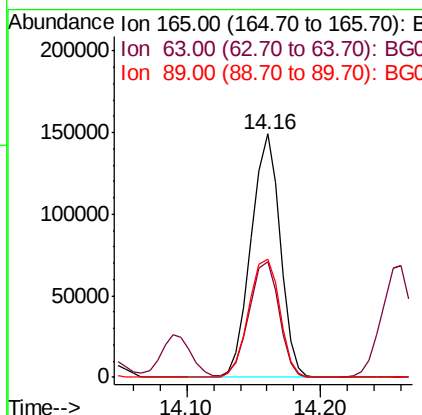
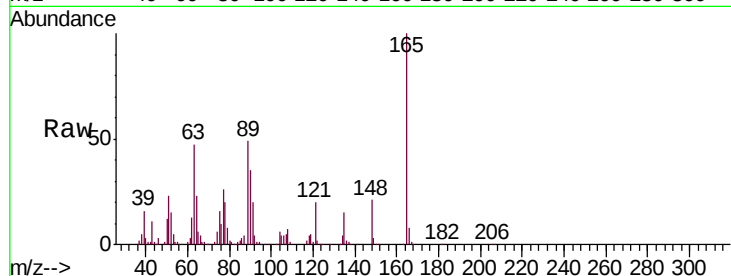




#51
 2,6-Dinitrotoluene
 Concen: 38.997 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

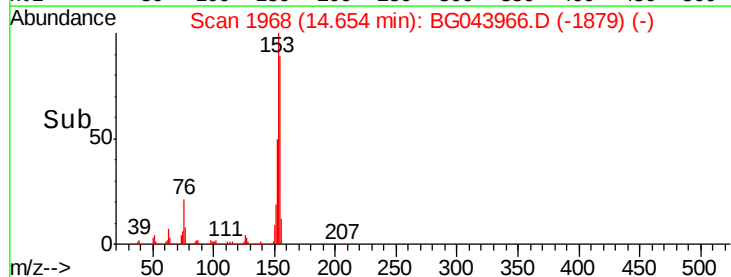
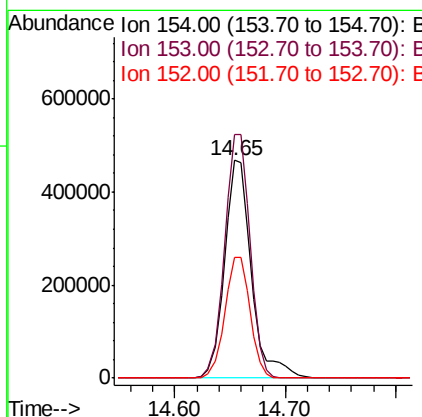
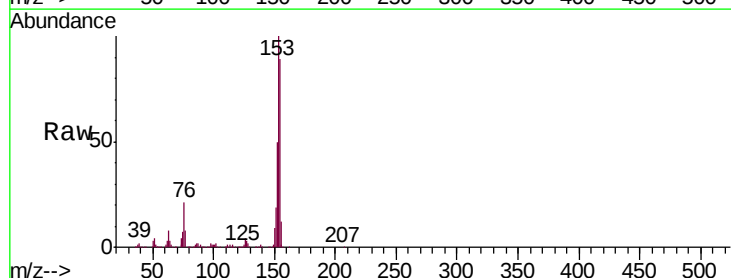
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.5	43.1	64.7
89	48.8	43.8	65.6



#52
 Acenaphthene
 Concen: 38.147 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.6	137.4
152	55.7	45.4	68.0

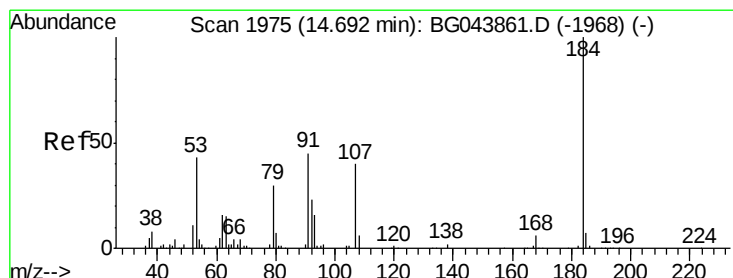
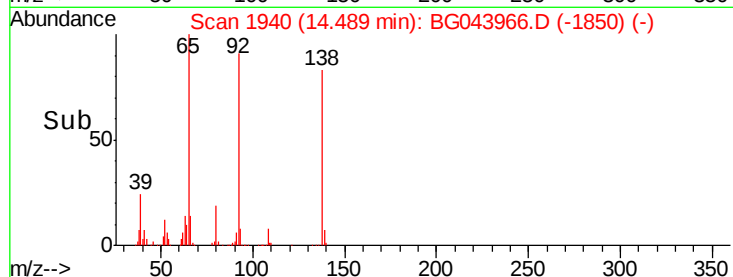
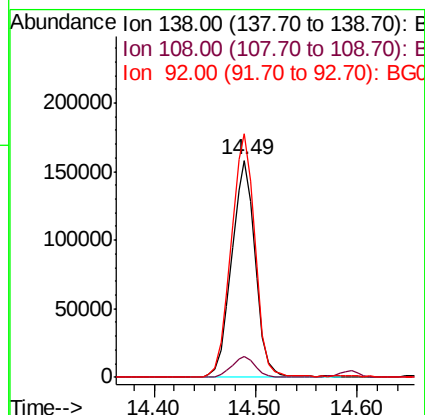
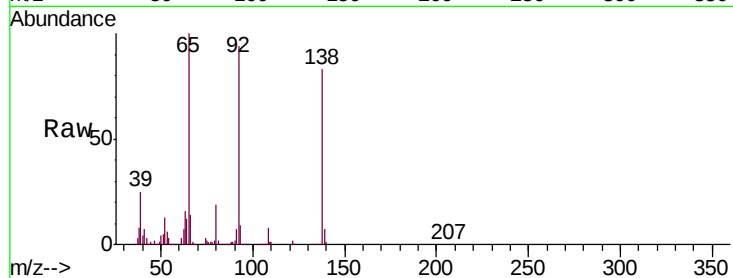




#53
3-Nitroaniline
Concen: 39.188 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

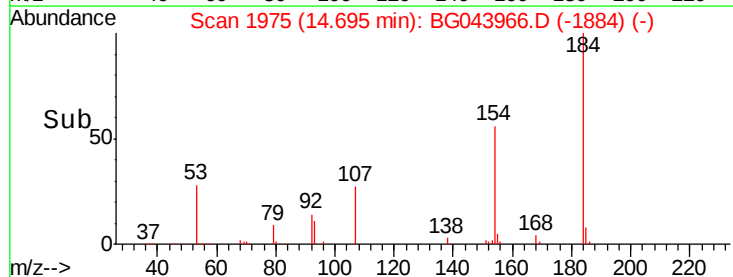
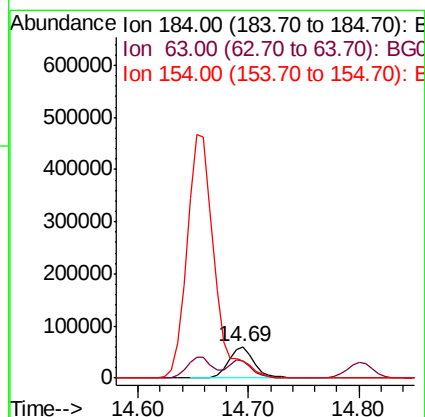
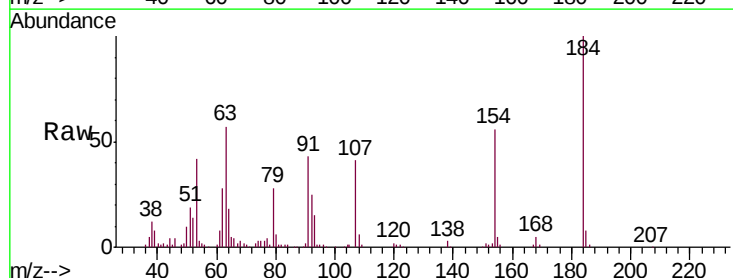
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

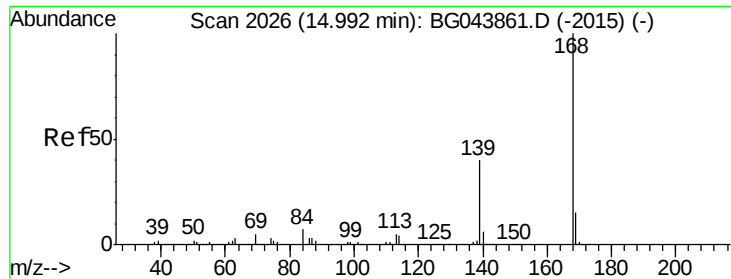
Tgt Ion:138 Resp: 255552
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 112.2 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 36.211 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:184 Resp: 96513
Ion Ratio Lower Upper
184 100
63 56.9 46.6 70.0
154 56.5 50.2 75.4

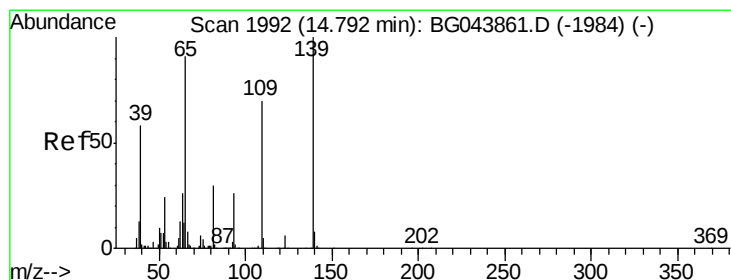
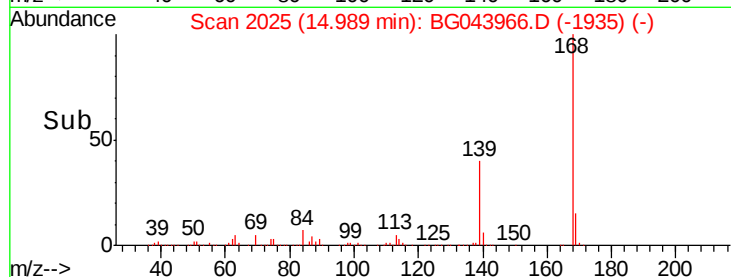
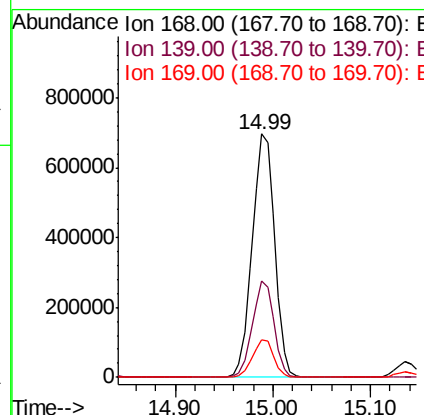
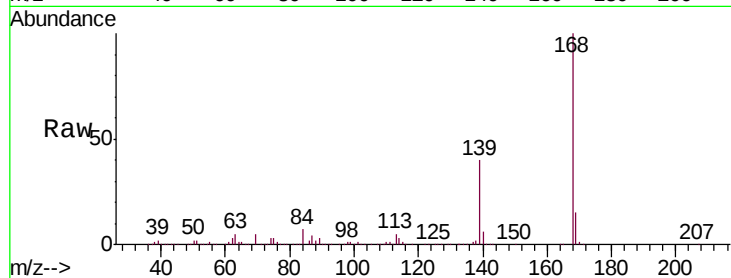




#55
Dibenzofuran
Concen: 39.105 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

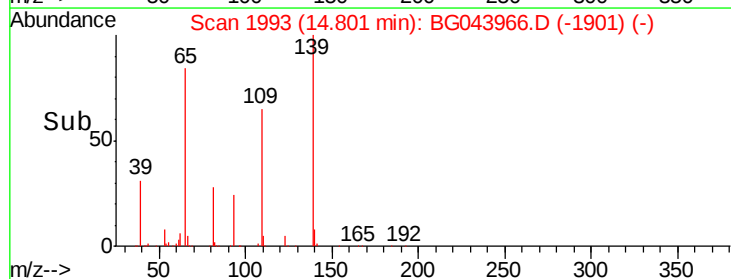
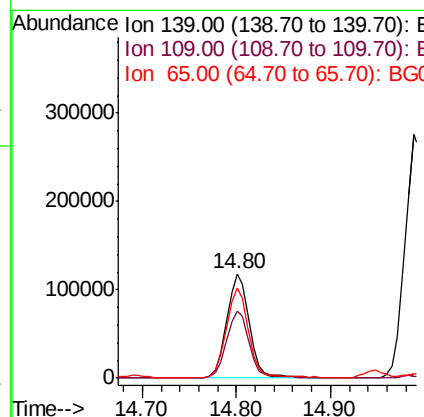
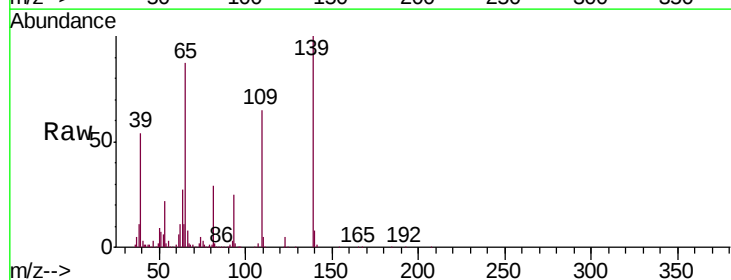
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

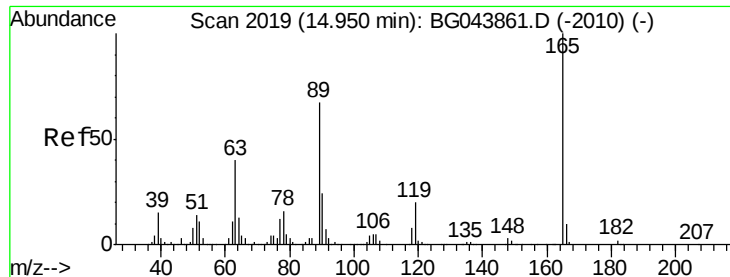
Tgt Ion:168 Resp: 1124923
Ion Ratio Lower Upper
168 100
139 39.6 32.2 48.2
169 15.5 12.2 18.2



#56
4-Nitrophenol
Concen: 40.518 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:139 Resp: 202478
Ion Ratio Lower Upper
139 100
109 64.7 50.4 90.4
65 86.7 71.4 111.4

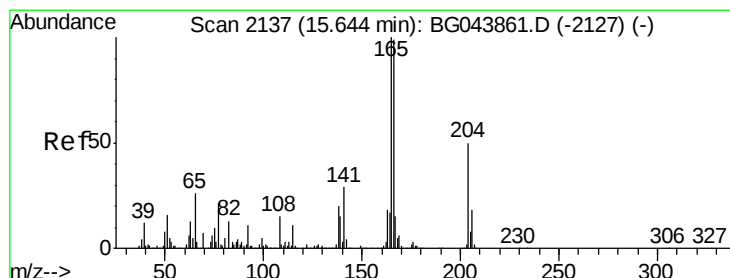
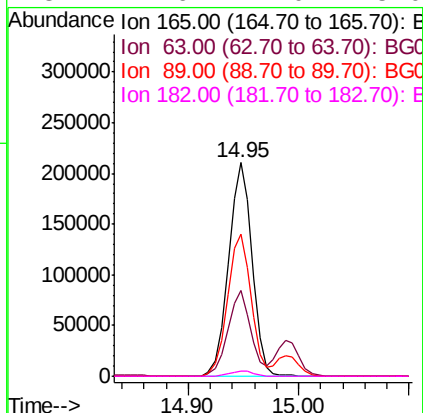
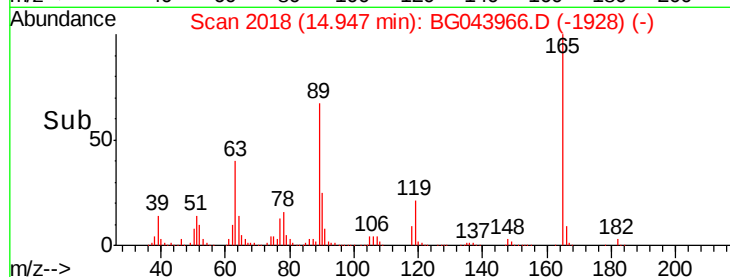
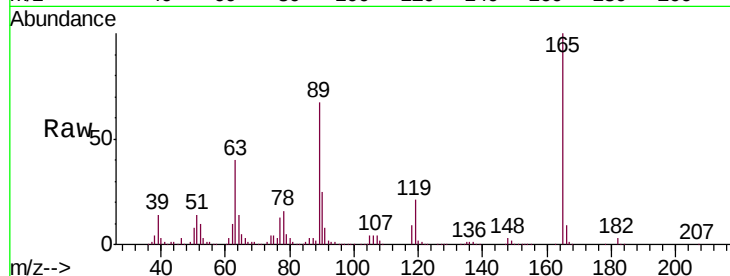




#57
2,4-Dinitrotoluene
Concen: 40.127 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

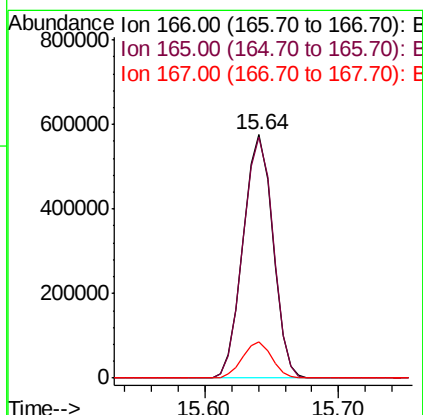
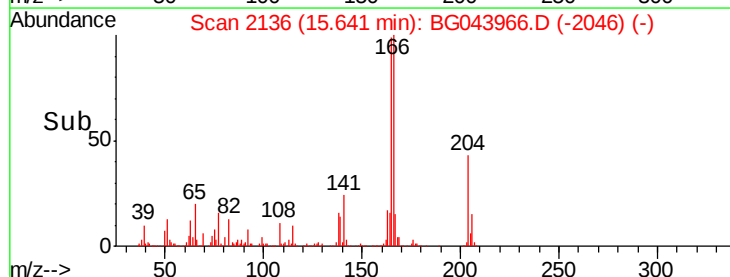
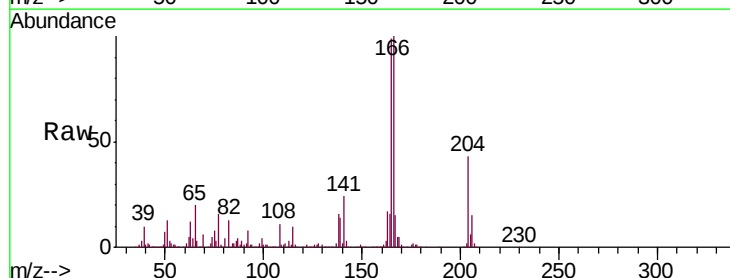
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 313548
Ion Ratio Lower Upper
165 100
63 40.2 31.9 47.9
89 66.6 53.8 80.6
182 2.6 2.0 3.0



#58
Fluorene
Concen: 38.970 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:166 Resp: 888537
Ion Ratio Lower Upper
166 100
165 98.8 80.8 121.2
167 14.8 12.1 18.1

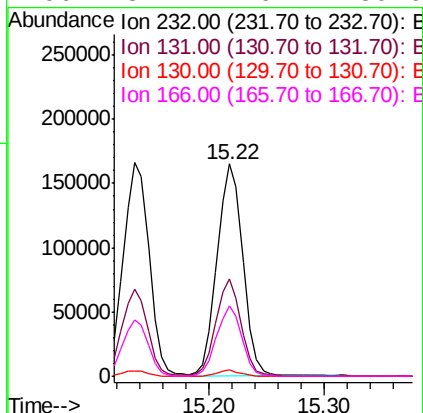
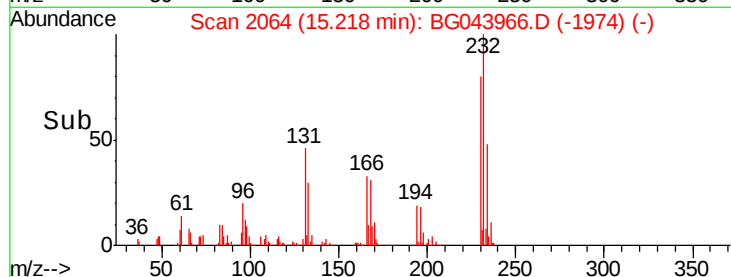
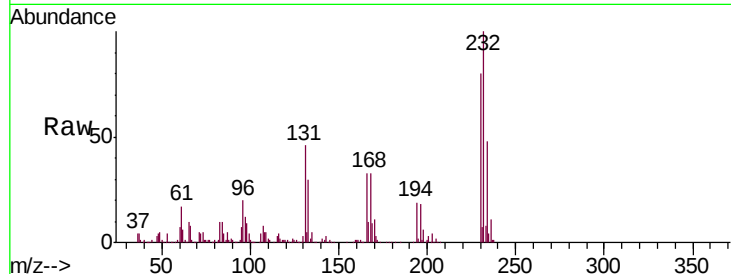




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.679 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

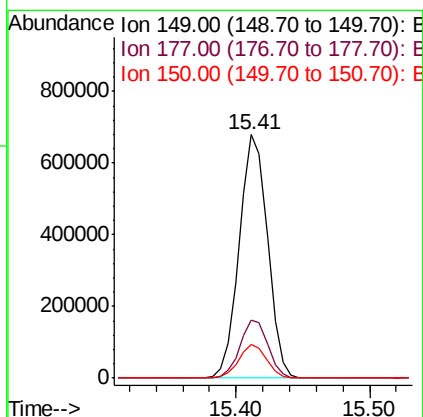
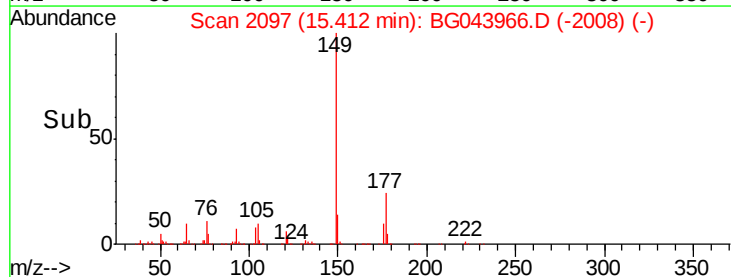
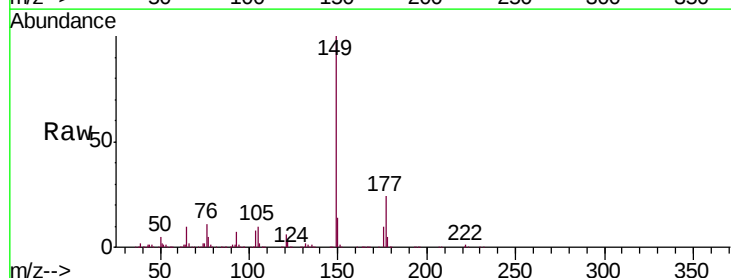
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

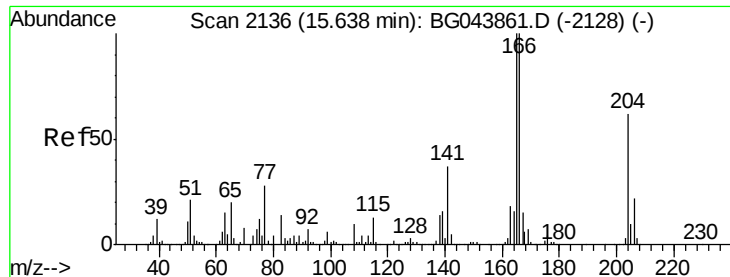
Tgt Ion: 232 Resp: 253951
Ion Ratio Lower Upper
232 100
131 44.3 38.2 57.2
130 2.5 2.2 3.2
166 32.2 26.4 39.6



#60
Diethylphthalate
Concen: 39.104 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion: 149 Resp: 993730
Ion Ratio Lower Upper
149 100
177 24.0 20.0 30.0
150 13.7 11.1 16.7

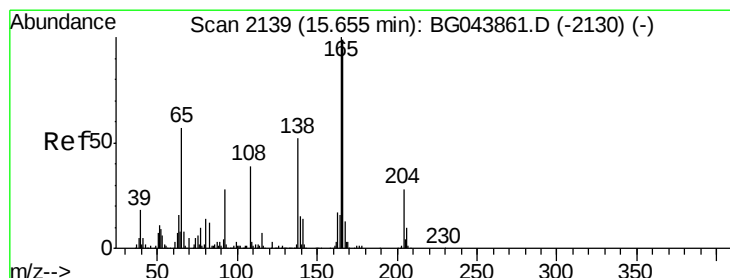
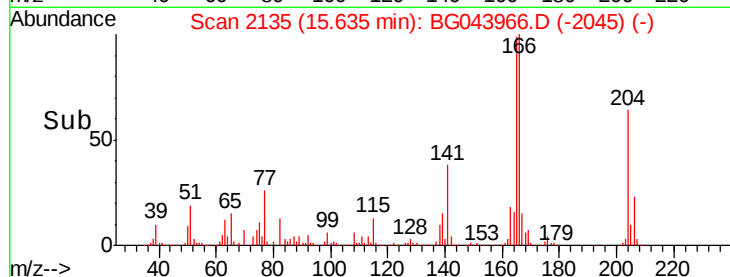
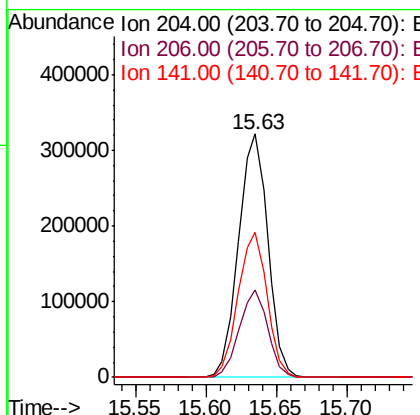
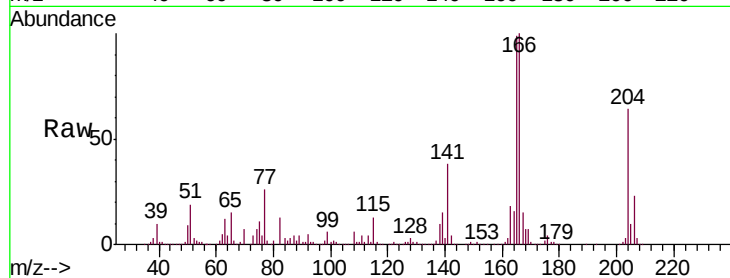




#61
 4-Chlorophenyl-phenylether
 Concen: 37.641 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

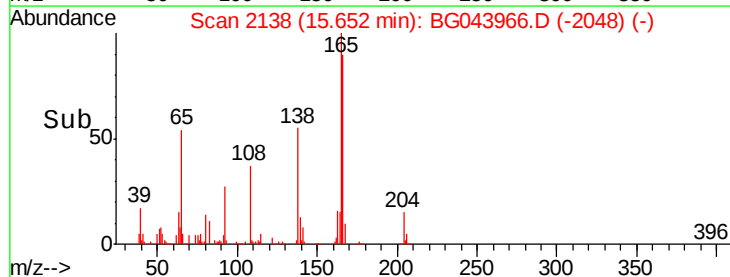
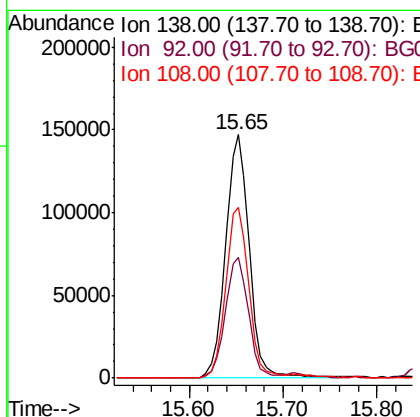
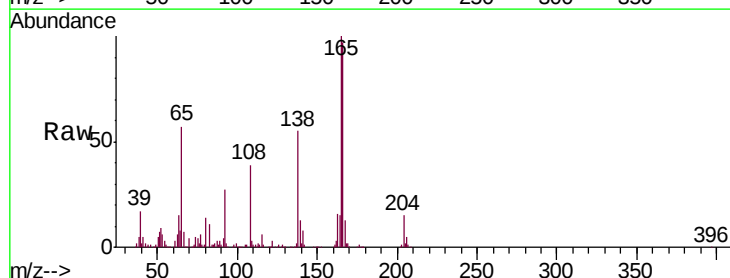
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:204 Resp: 466014
 Ion Ratio Lower Upper
 204 100
 206 35.9 28.2 42.2
 141 59.7 48.2 72.2



#62
 4-Nitroaniline
 Concen: 39.991 ng
 RT: 15.65 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

Tgt Ion:138 Resp: 257537
 Ion Ratio Lower Upper
 138 100
 92 49.7 34.3 74.3
 108 70.2 55.0 95.0





#63

Azobenzene

Concen: 37.792 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 890646

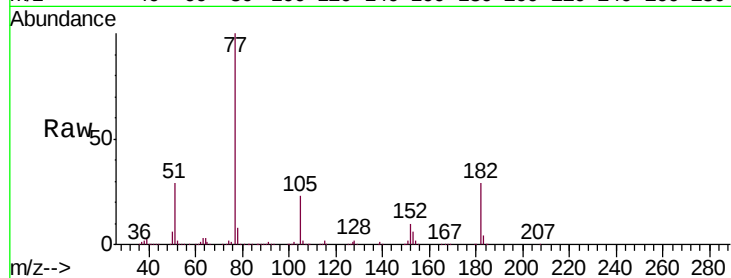
Ion Ratio Lower Upper

77 100

182 28.9 7.3 47.3

105 23.4 3.2 43.2

51 29.4 10.6 50.6

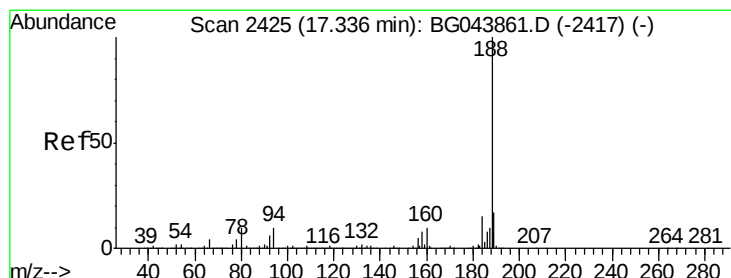
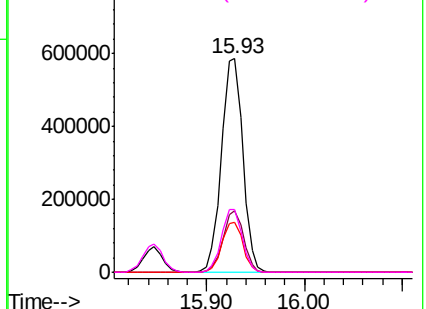
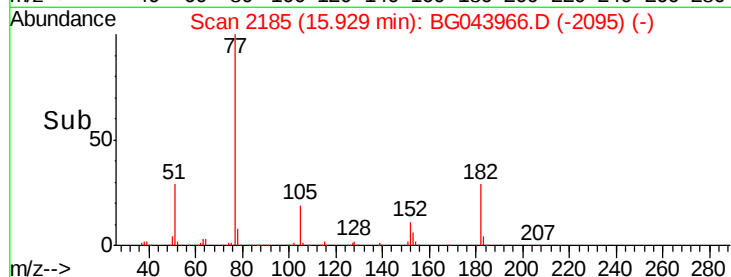


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.33 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

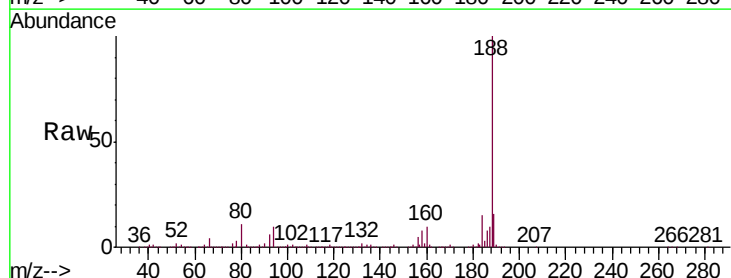
Tgt Ion: 188 Resp: 749762

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

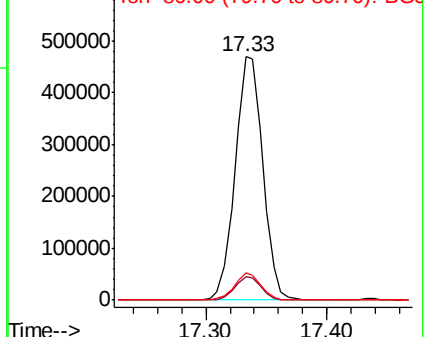
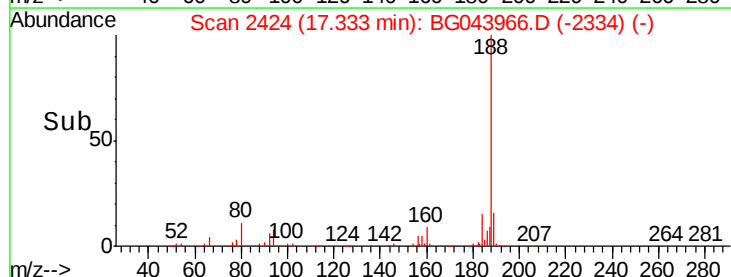
80 11.2 8.2 12.4

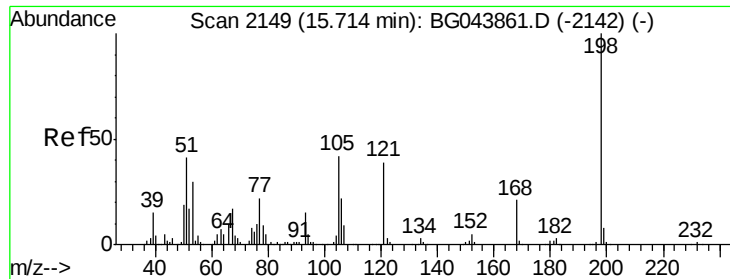


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.699 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

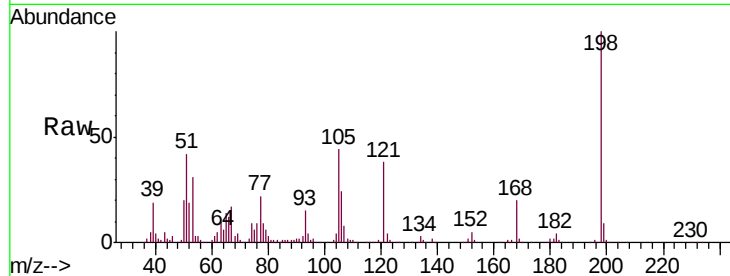
Tgt Ion:198 Resp: 150129

Ion Ratio Lower Upper

198 100

51 42.0 22.5 62.5

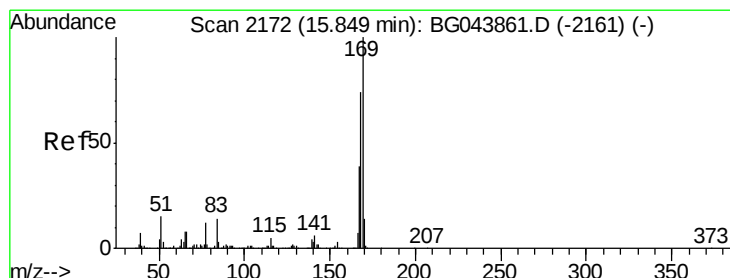
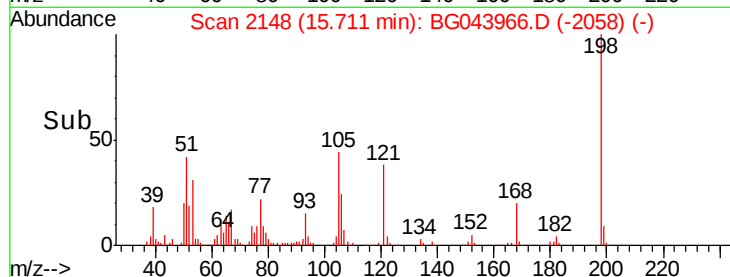
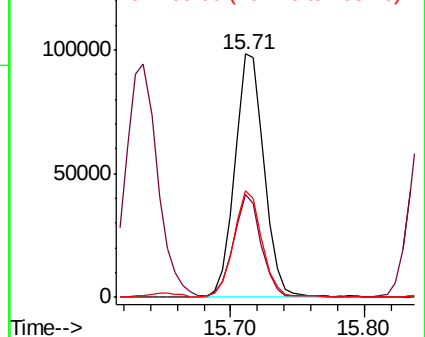
105 44.0 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.546 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

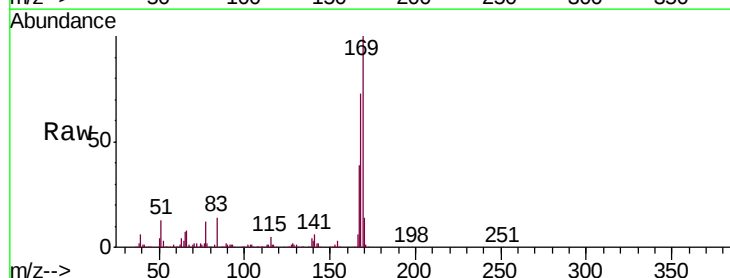
Tgt Ion:169 Resp: 828999

Ion Ratio Lower Upper

169 100

168 73.2 59.0 88.6

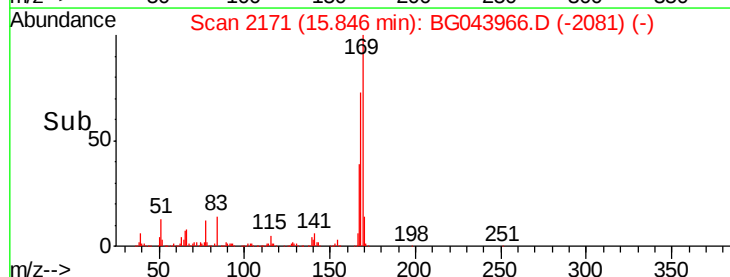
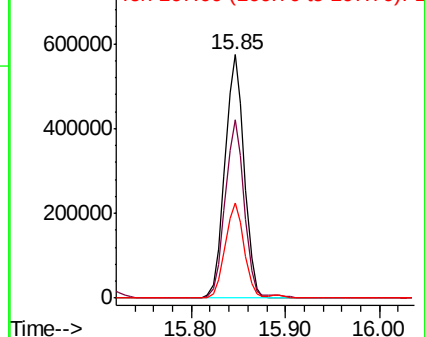
167 38.9 31.4 47.0

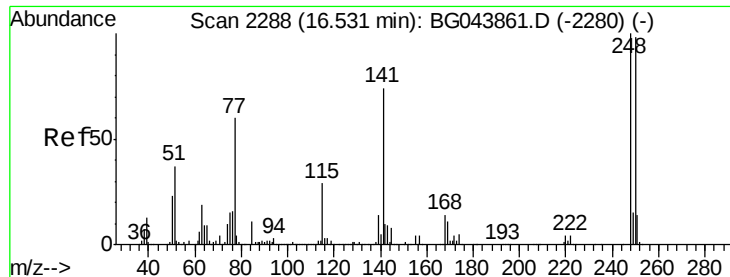


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

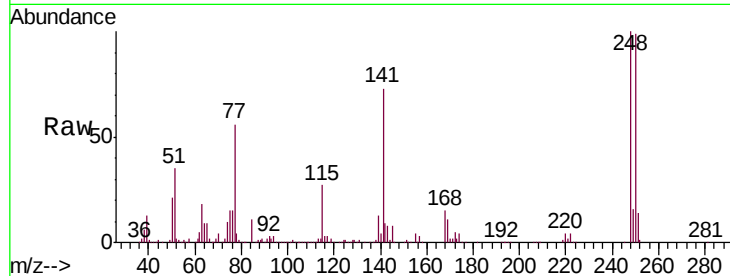




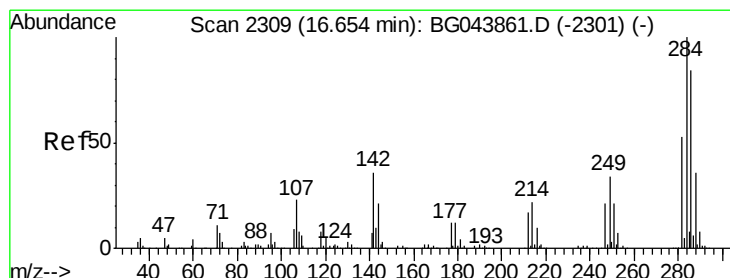
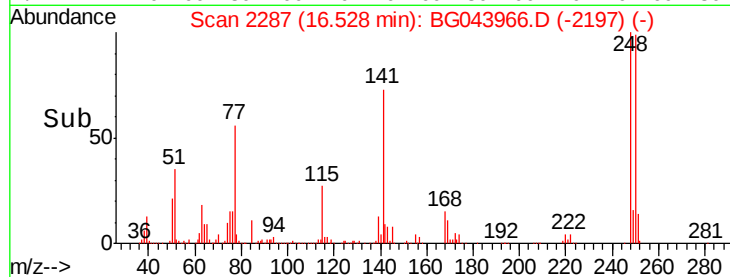
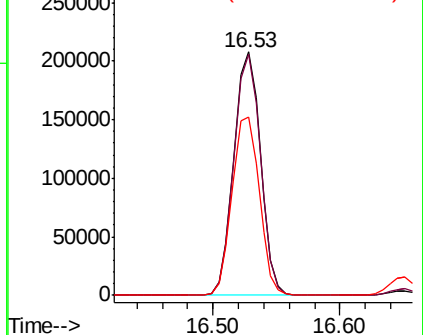
#67
4-Bromophenyl-phenylether
Concen: 35.793 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tgt Ion:248 Resp: 301824
Ion Ratio Lower Upper
248 100
250 99.3 78.2 117.2
141 73.0 59.3 88.9

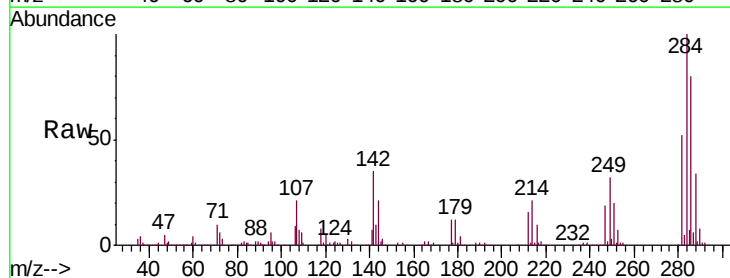


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

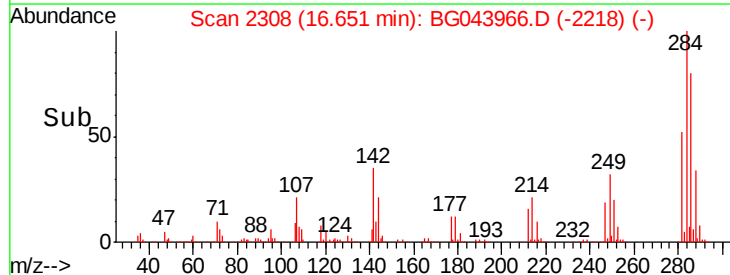
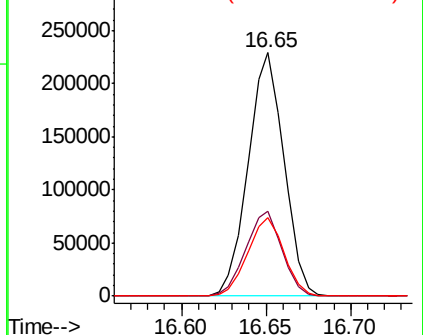


#68
Hexachlorobenzene
Concen: 37.091 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:284 Resp: 337018
Ion Ratio Lower Upper
284 100
142 35.0 28.6 43.0
249 32.1 27.0 40.6



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: 37.922 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

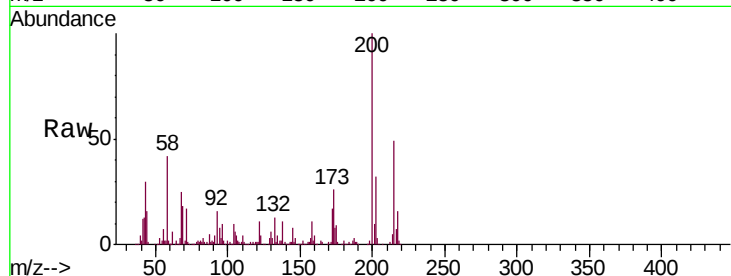
Tgt Ion:200 Resp: 272170

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

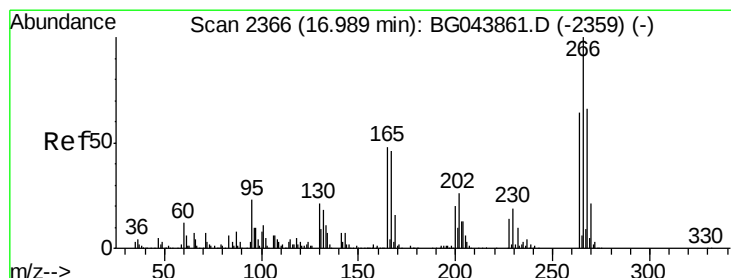
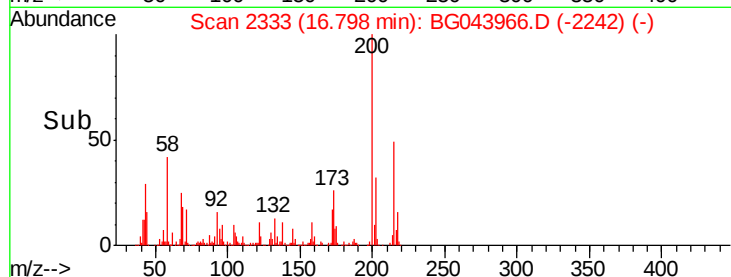
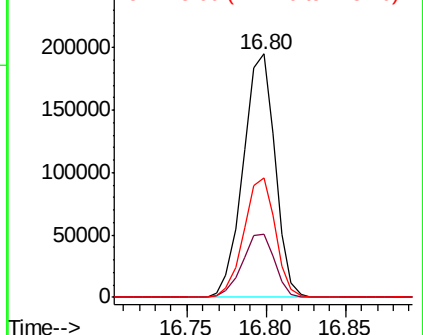
215 49.2 28.6 68.6



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: 38.970 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

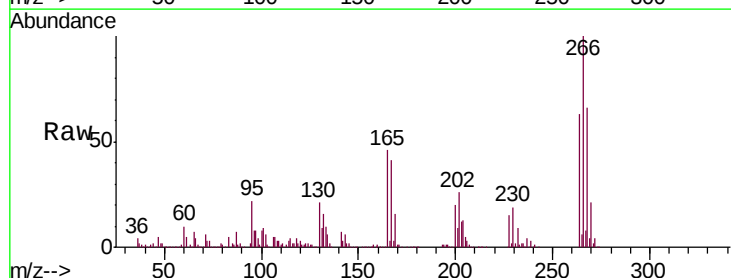
Tgt Ion:266 Resp: 195193

Ion Ratio Lower Upper

266 100

268 65.7 52.6 79.0

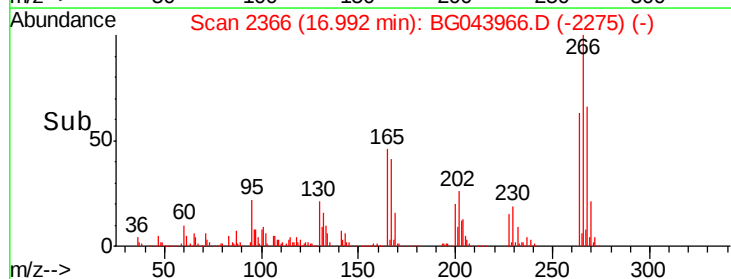
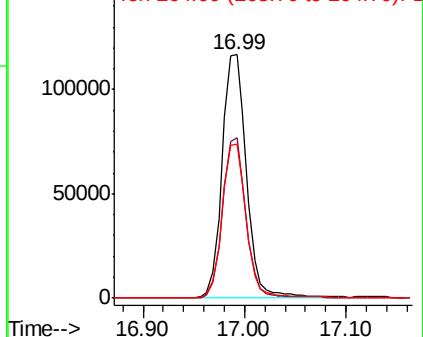
264 63.3 50.8 76.2



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

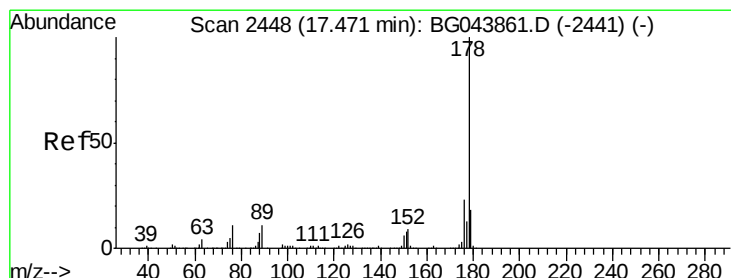
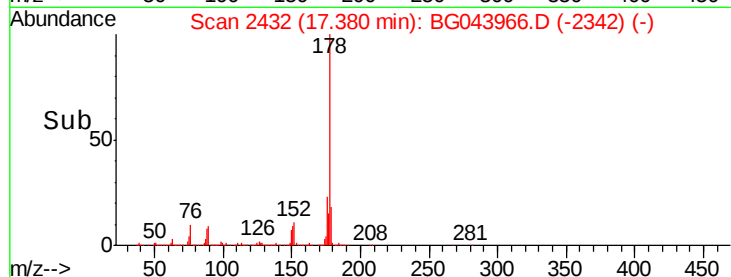
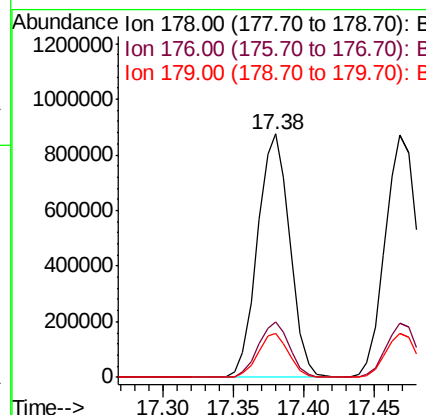
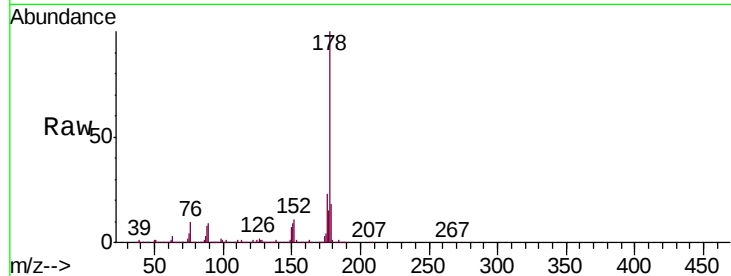




#71
Phenanthrene
Concen: 39.100 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

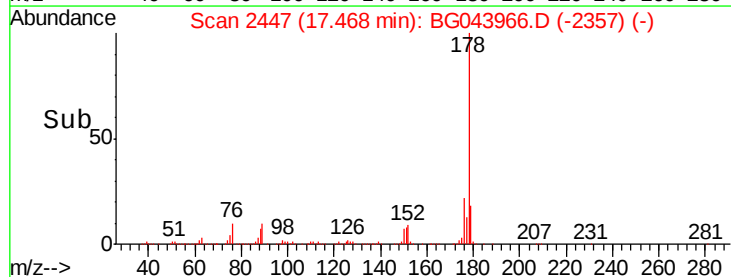
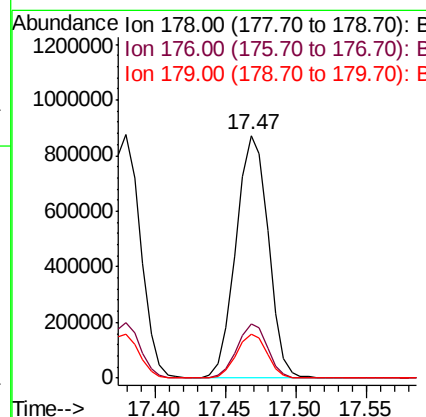
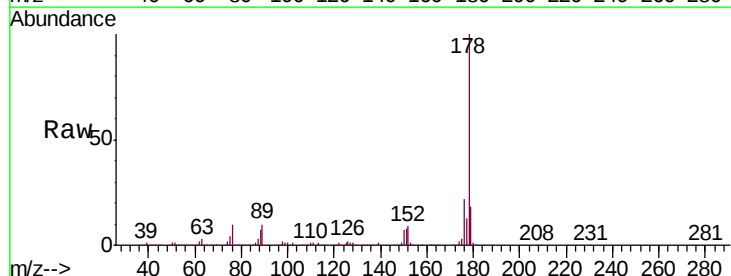
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

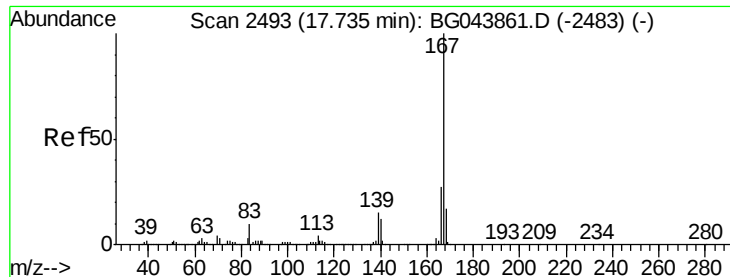
Tgt Ion:178 Resp: 1406123
Ion Ratio Lower Upper
178 100
176 23.0 18.6 28.0
179 18.1 14.4 21.6



#72
Anthracene
Concen: 39.046 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:178 Resp: 1387726
Ion Ratio Lower Upper
178 100
176 22.2 18.3 27.5
179 18.3 14.6 22.0

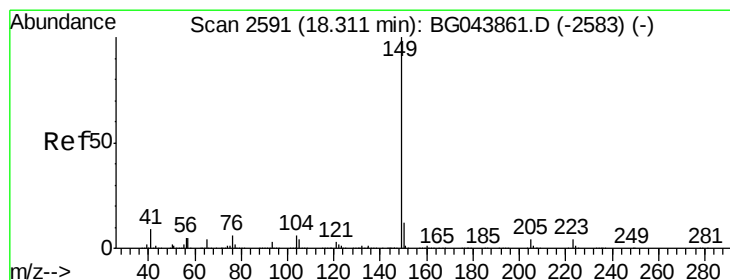
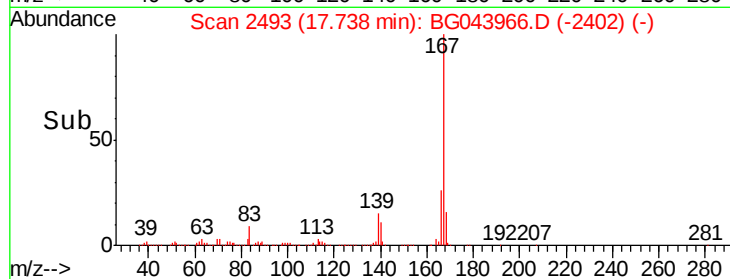
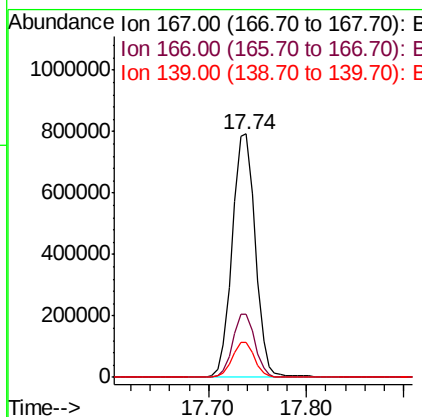
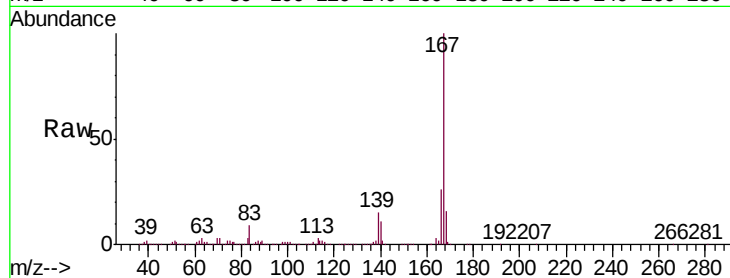




#73
 Carbazole
 Concen: 39.799 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

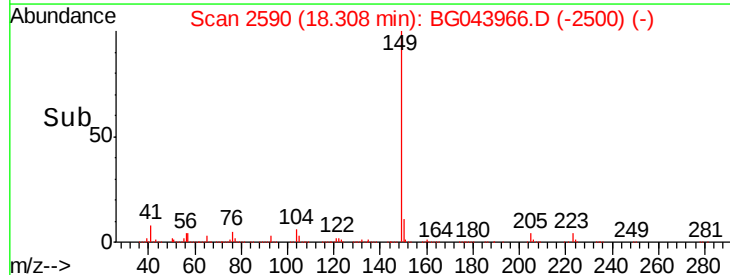
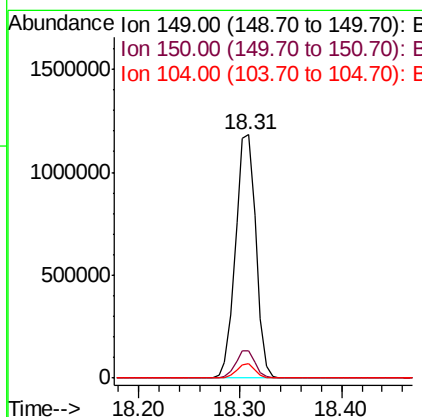
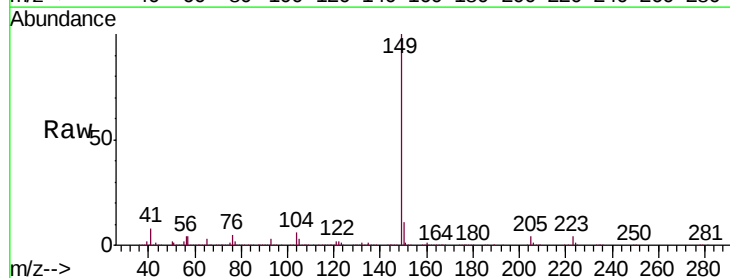
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1306590
 Ion Ratio Lower Upper
 167 100
 166 26.1 21.6 32.4
 139 14.5 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 39.236 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG043966.D
 Acq: 8 Jan 2020 14:08

Tgt Ion:149 Resp: 1644631
 Ion Ratio Lower Upper
 149 100
 150 11.4 9.7 14.5
 104 5.7 5.0 7.4





#75

Fluoranthene

Concen: 38.239 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

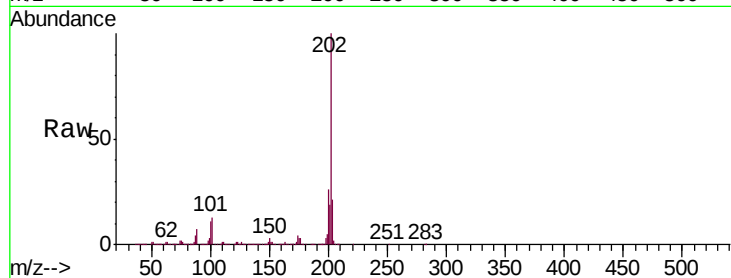
Tgt Ion:202 Resp: 1572691

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.3

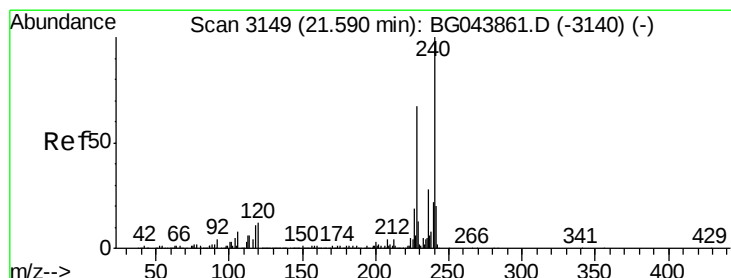
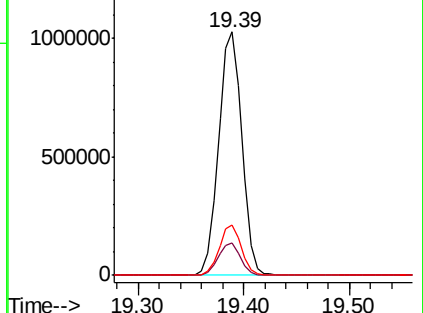
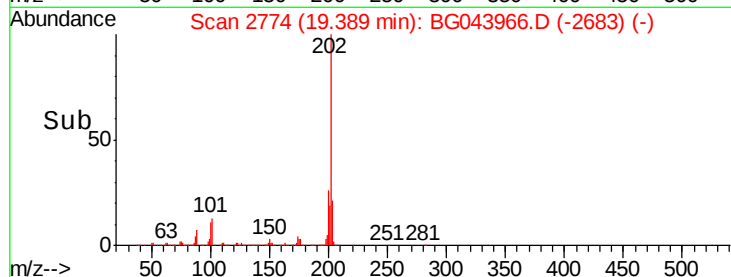
203 20.7 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

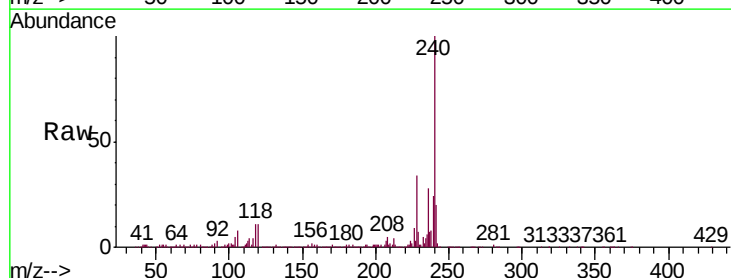
Tgt Ion:240 Resp: 630297

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

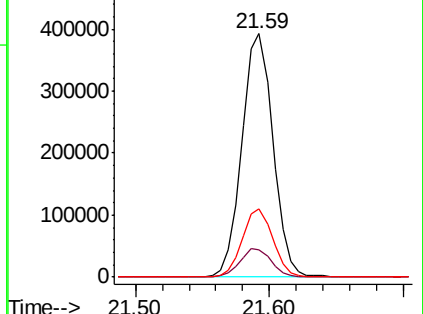
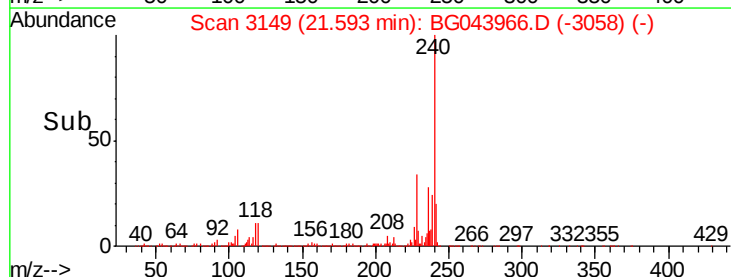
236 28.1 22.2 33.2

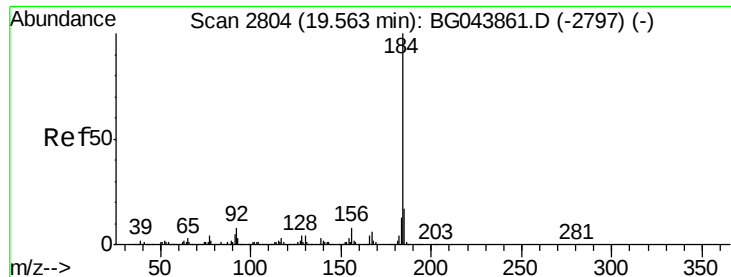


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.371 ng

RT: 19.57 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

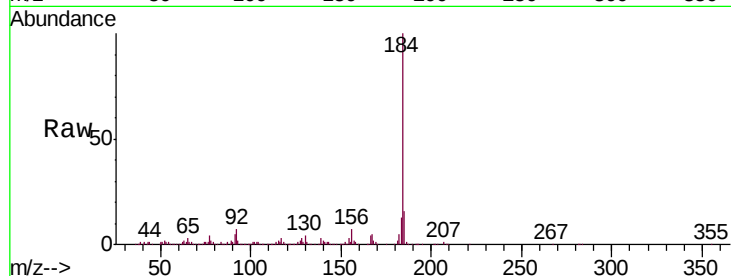
Tgt Ion:184 Resp: 560378

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

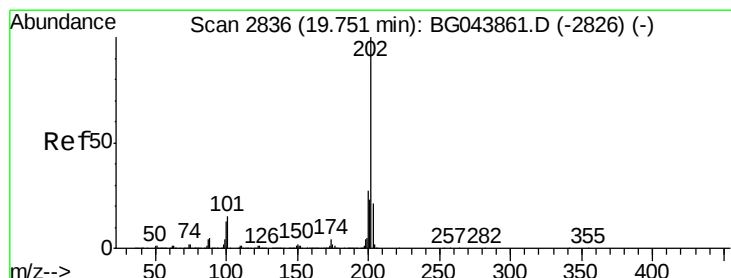
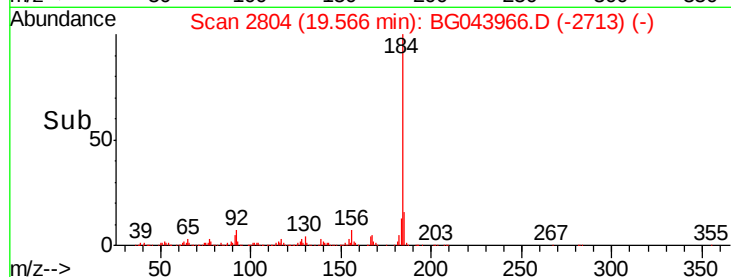
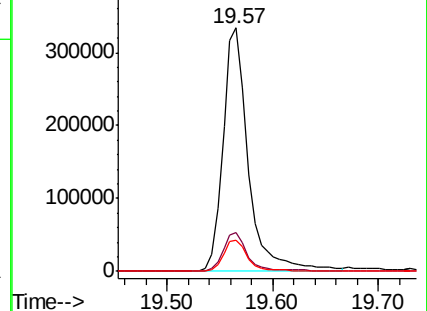
183 13.0 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.765 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

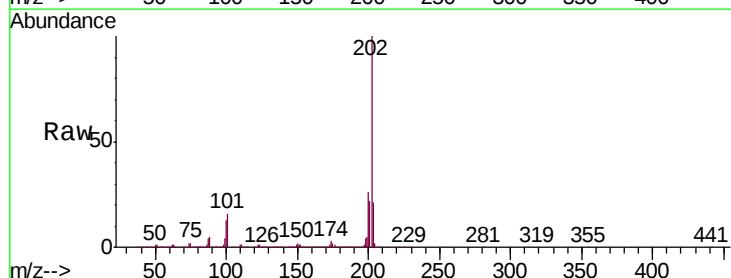
Tgt Ion:202 Resp: 1594866

Ion Ratio Lower Upper

202 100

200 26.1 21.7 32.5

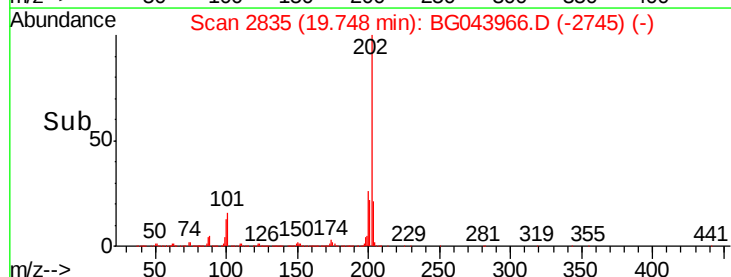
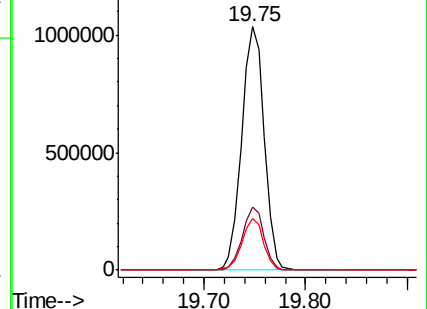
203 21.0 17.0 25.6

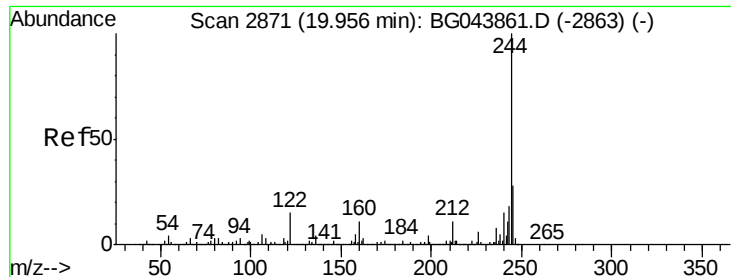


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.918 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

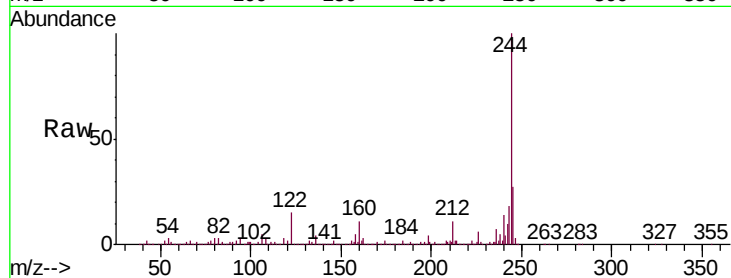
Tgt Ion:244 Resp: 2083362

Ion Ratio Lower Upper

244 100

212 10.6 8.6 13.0

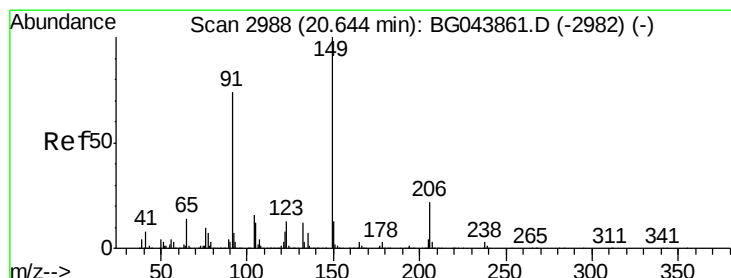
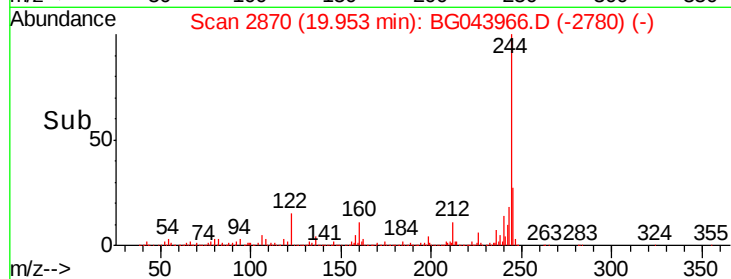
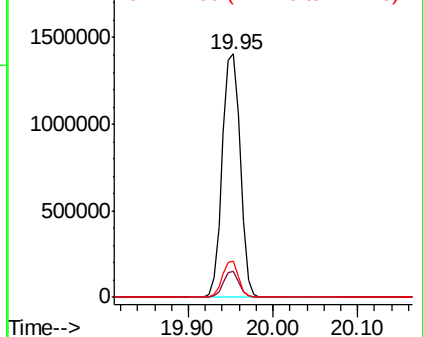
122 14.7 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.684 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

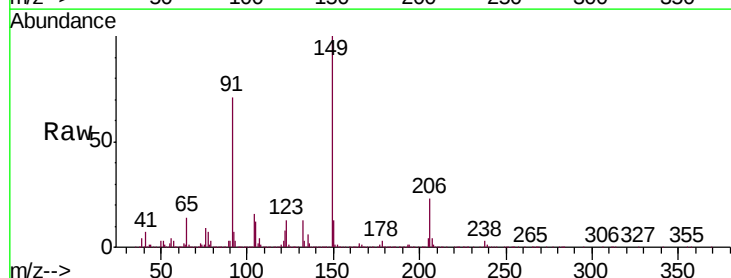
Tgt Ion:149 Resp: 777307

Ion Ratio Lower Upper

149 100

91 71.4 59.5 89.3

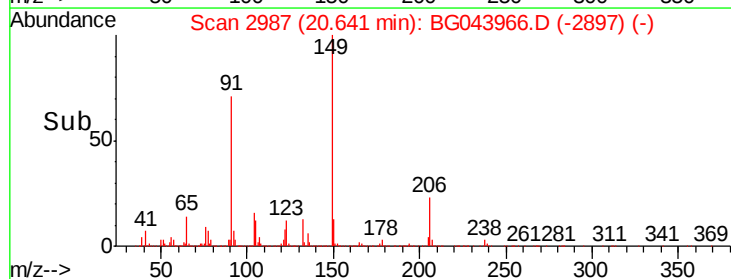
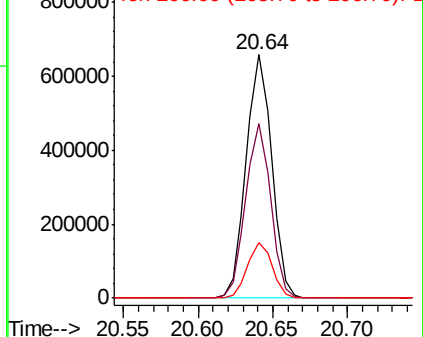
206 22.7 17.8 26.6



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

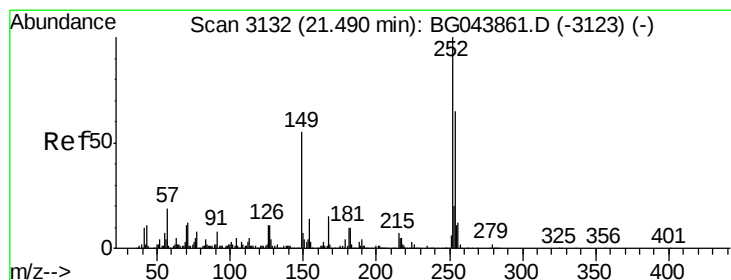
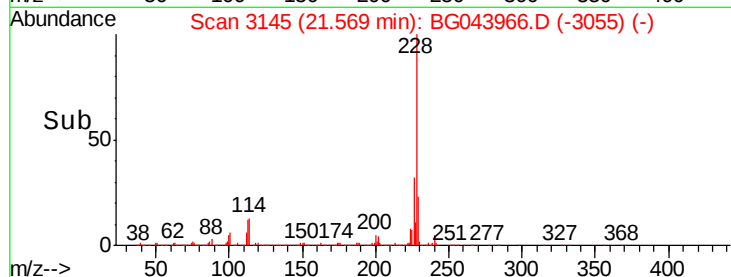
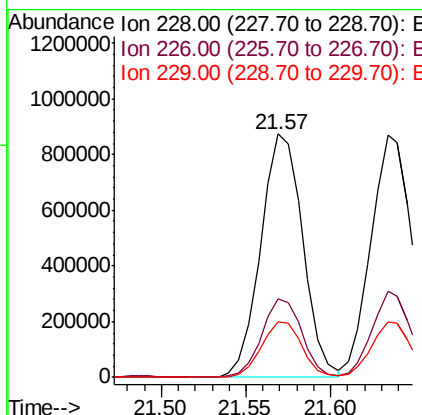
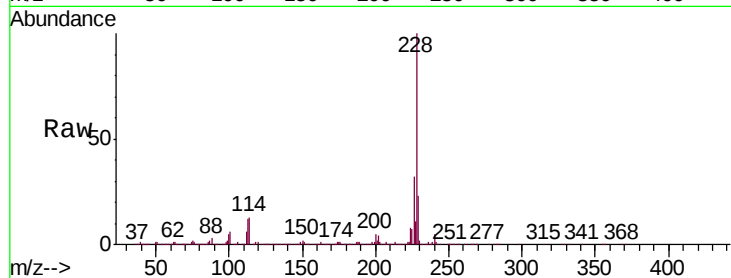




#81
Benzo(a)anthracene
Concen: 38.598 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

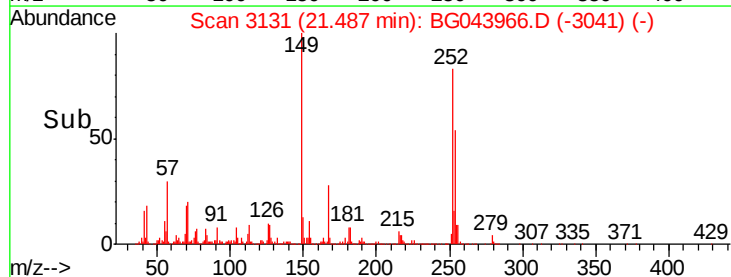
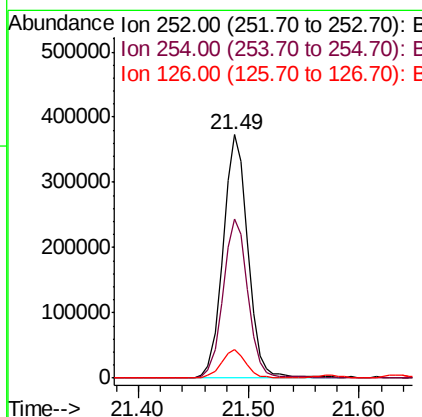
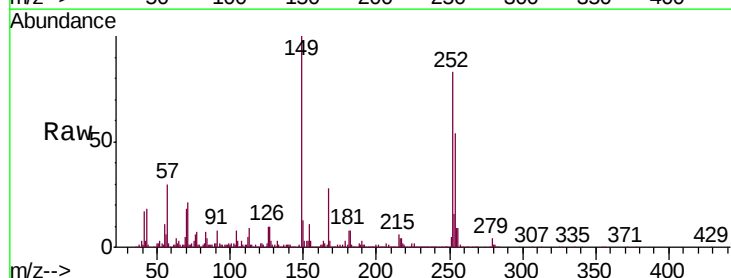
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

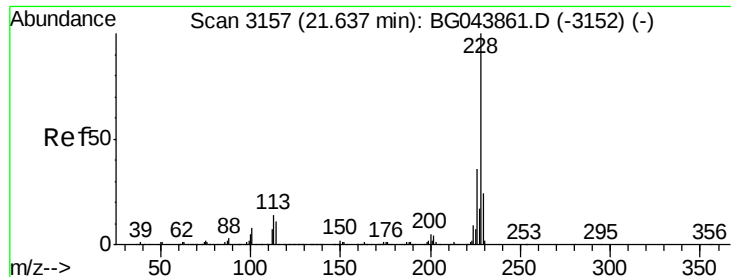
Tgt Ion:228 Resp: 1508540
Ion Ratio Lower Upper
228 100
226 32.1 26.2 39.4
229 22.8 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 38.040 ng
RT: 21.49 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:252 Resp: 587361
Ion Ratio Lower Upper
252 100
254 65.4 52.1 78.1
126 11.6 9.1 13.7





#83

Chrysene

Concen: 39.526 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

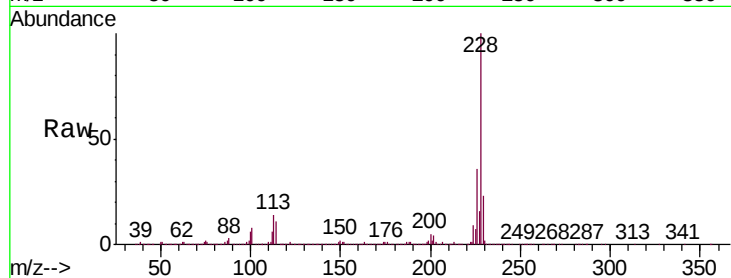
Tgt Ion:228 Resp: 1467845

Ion Ratio Lower Upper

228 100

226 35.6 28.8 43.2

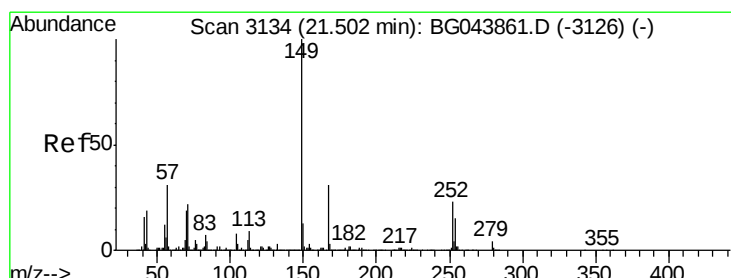
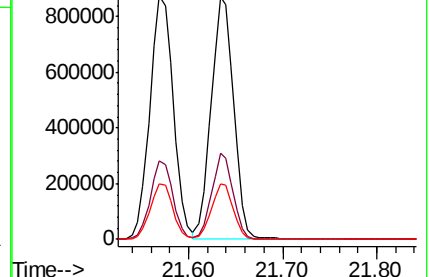
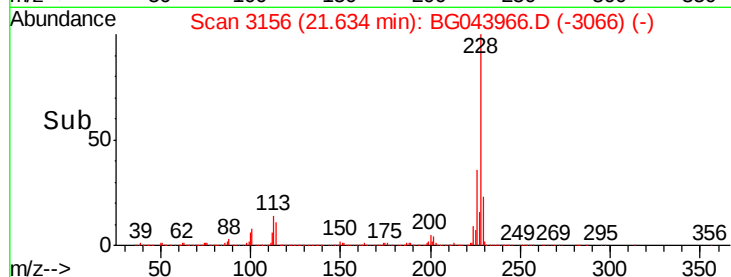
229 23.0 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.441 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

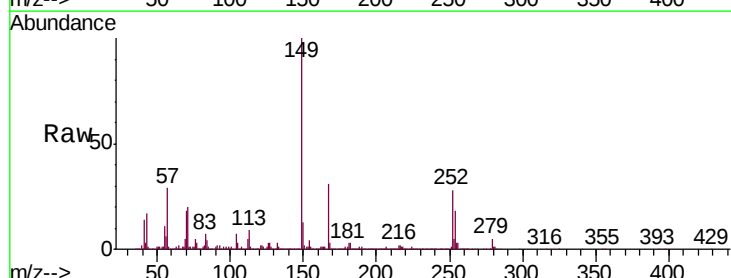
Tgt Ion:149 Resp: 1065948

Ion Ratio Lower Upper

149 100

167 30.9 24.7 37.1

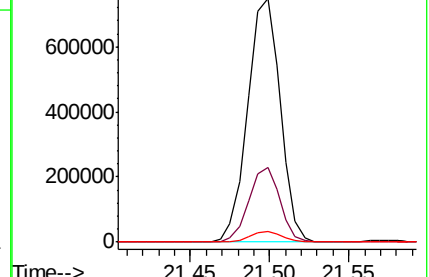
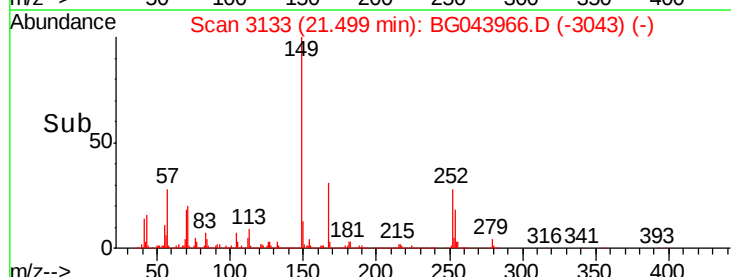
279 4.5 3.3 4.9

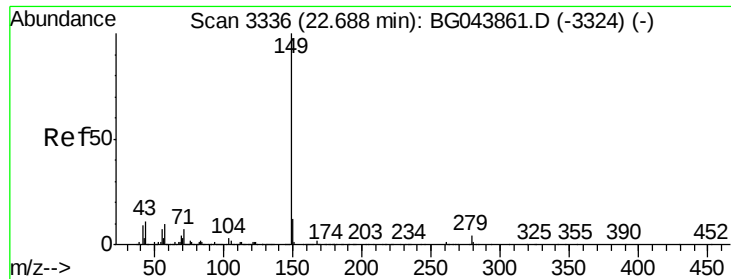


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

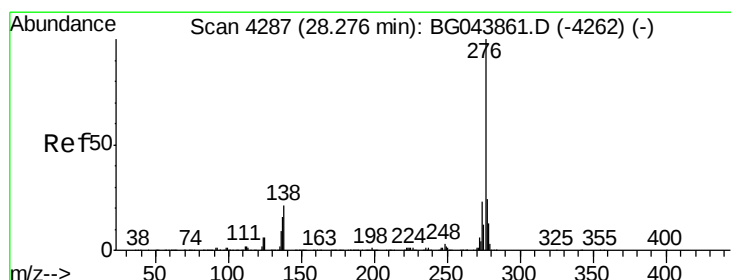
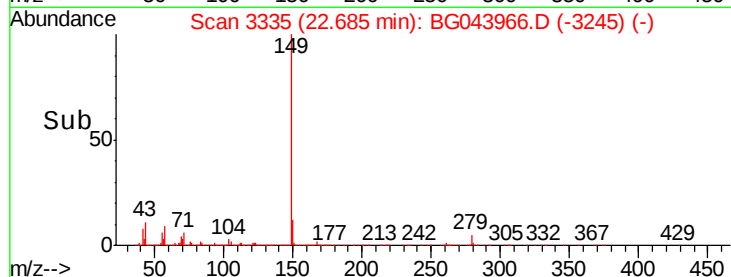
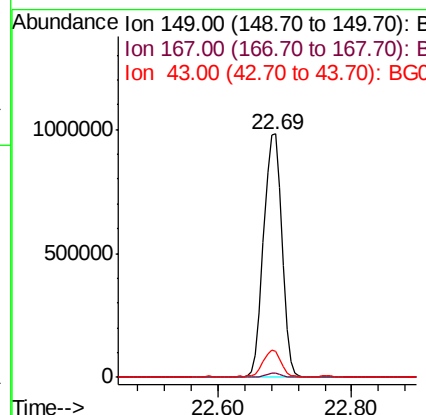
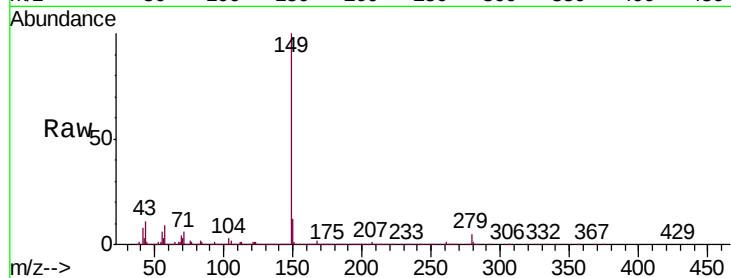




#85
Di-n-octyl phthalate
Concen: 40.581 ng
RT: 22.69 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

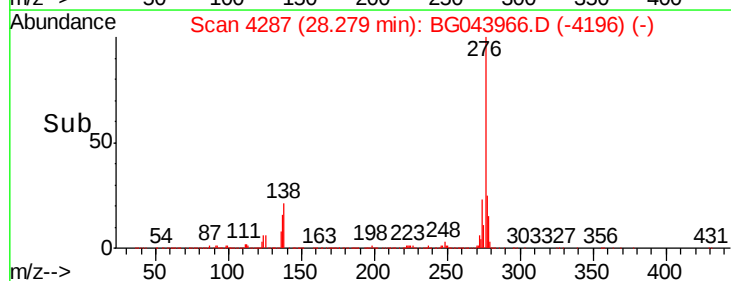
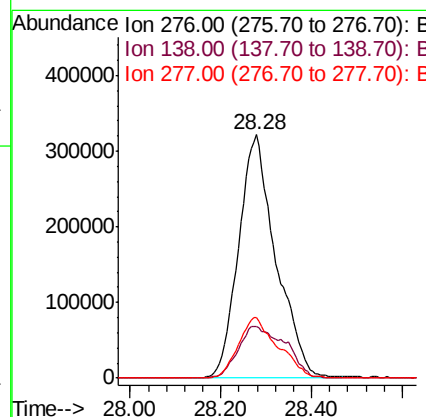
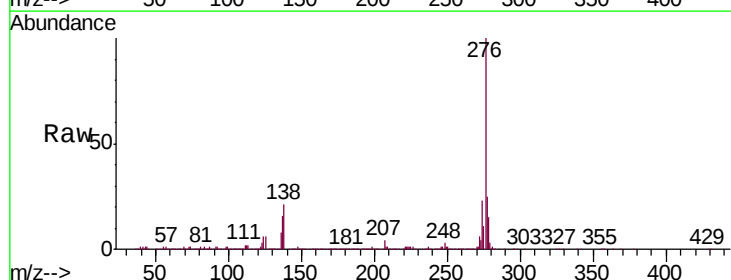
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

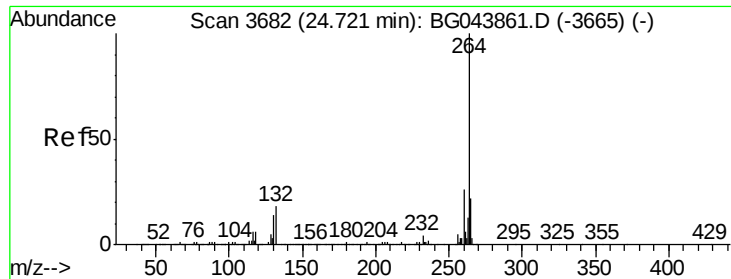
Tgt Ion:149 Resp: 1843851
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.3 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.503 ng
RT: 28.28 min Scan# 4287
Delta R.T. 0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion:276 Resp: 1842252
Ion Ratio Lower Upper
276 100
138 27.0 21.0 31.4
277 26.4 21.1 31.7



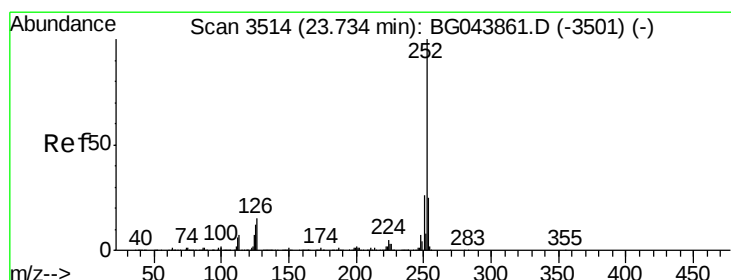
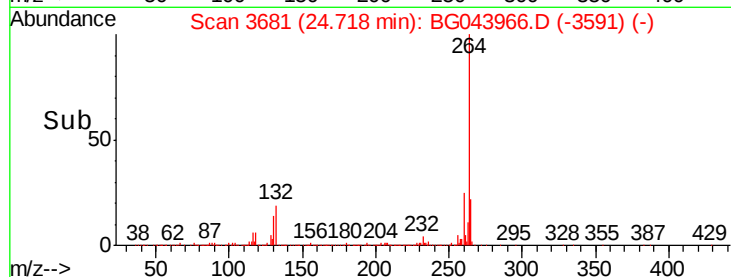
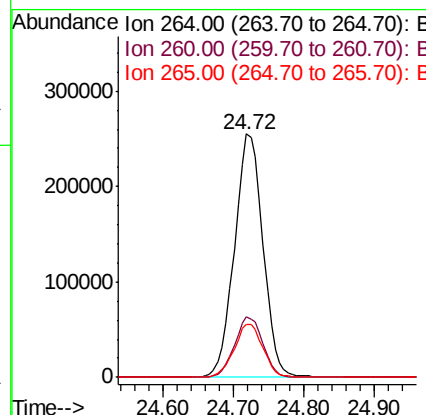
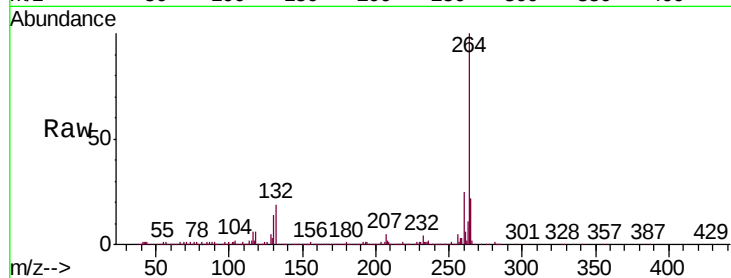


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 714972

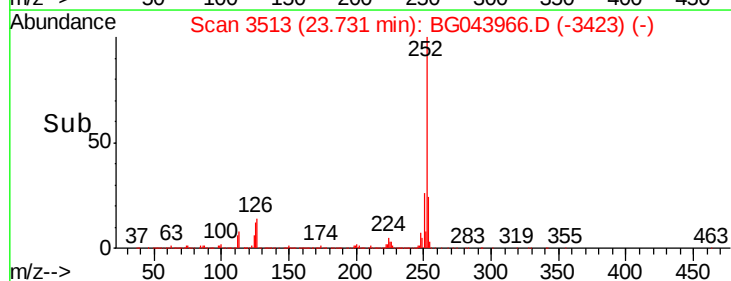
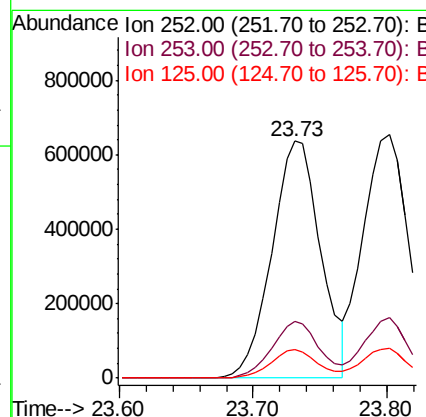
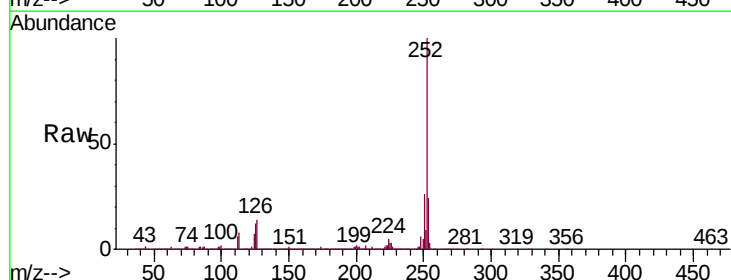
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	21.8	17.4	26.2

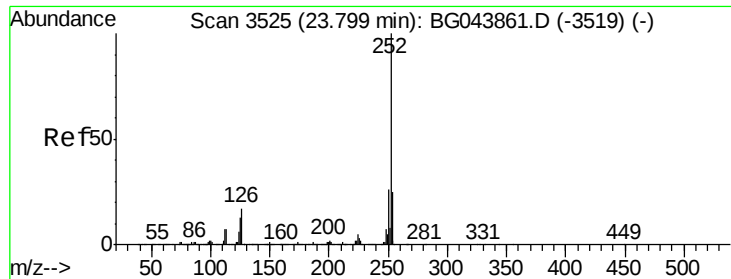


#88
Benzo(b)fluoranthene
Concen: 38.230 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG043966.D
Acq: 8 Jan 2020 14:08

Tgt Ion: 252 Resp: 1615879

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.7	29.5
125	12.1	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 38.105 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

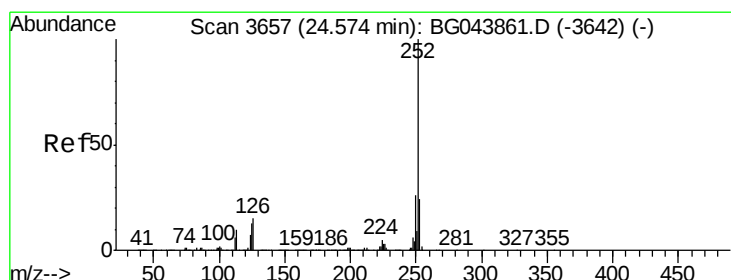
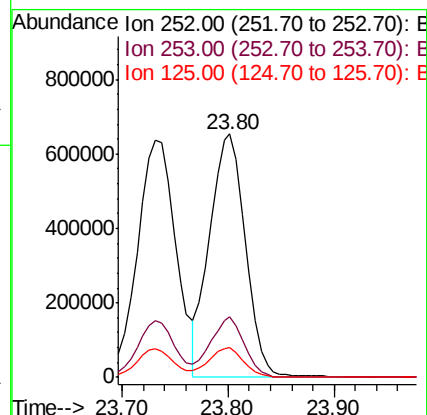
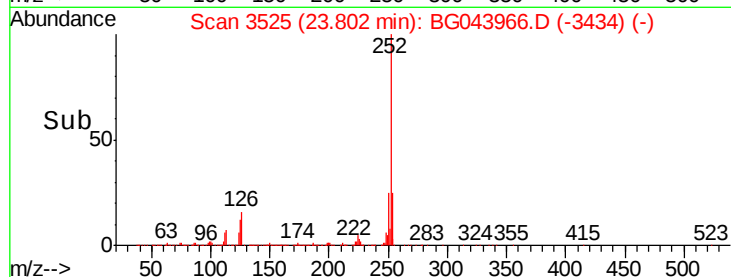
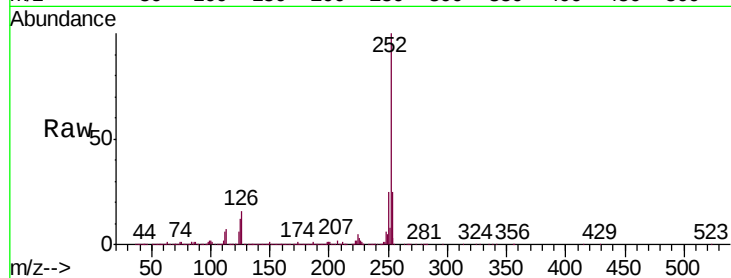
Tgt Ion:252 Resp: 1531556

Ion Ratio Lower Upper

252 100

253 25.0 19.4 29.2

125 12.1 9.9 14.9



#90

Benzo(a)pyrene

Concen: 37.606 ng

RT: 24.58 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

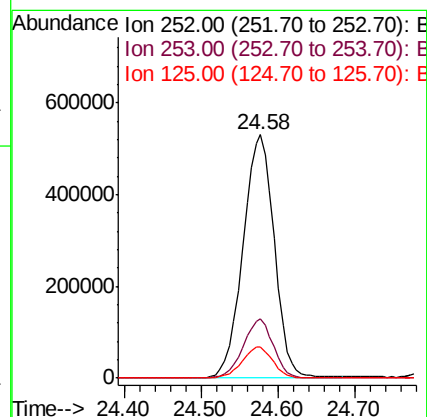
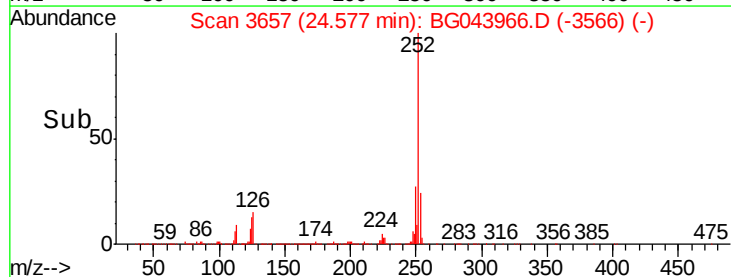
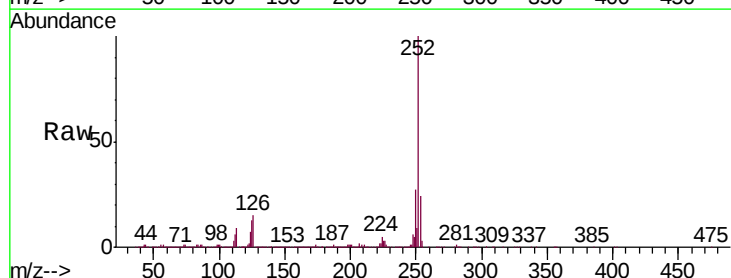
Tgt Ion:252 Resp: 1500215

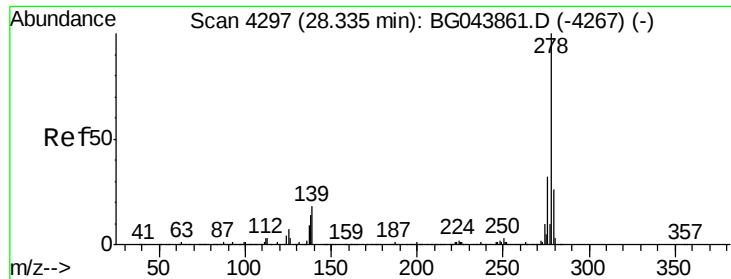
Ion Ratio Lower Upper

252 100

253 24.2 19.3 28.9

125 12.9 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 37.404 ng

RT: 28.34 min Scan# 4298

Delta R.T. 0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

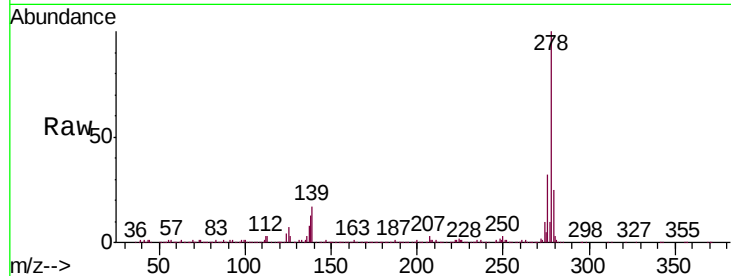
Tgt Ion:278 Resp: 1498561

Ion Ratio Lower Upper

278 100

139 17.3 14.2 21.4

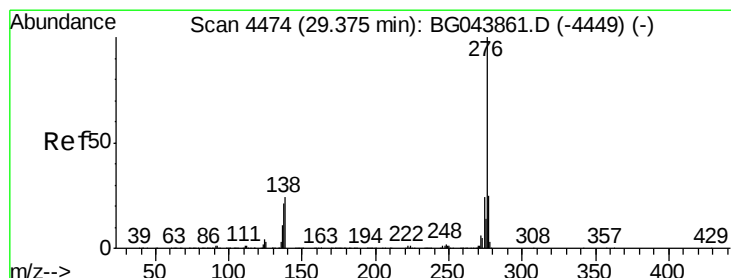
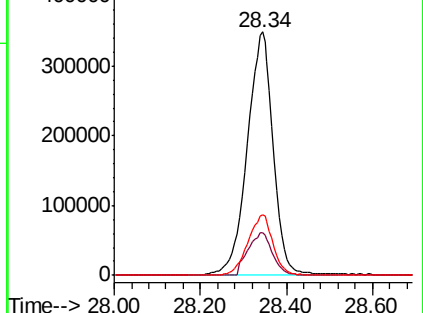
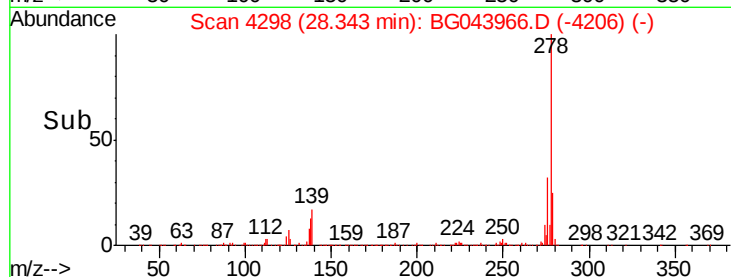
279 24.8 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.056 ng

RT: 29.38 min Scan# 4475

Delta R.T. 0.01 min

Lab File: BG043966.D

Acq: 8 Jan 2020 14:08

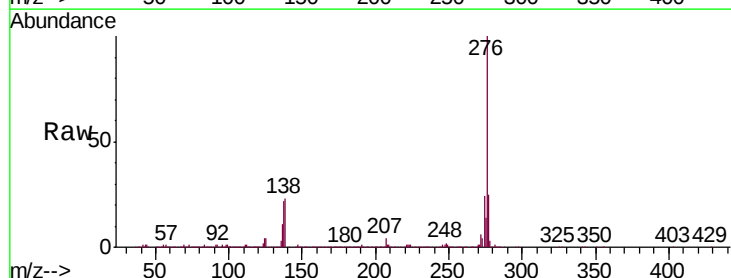
Tgt Ion:276 Resp: 1474691

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.4

138 23.3 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

