

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043946.D
 Acq On : 7 Jan 2020 00:47
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 07 04:56:40 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	130781	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	558645	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	373128	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	793149	20.00	ng	0.00
76) Chrysene-d12	21.59	240	664031	20.00	ng	0.00
87) Perylene-d12	24.71	264	762826	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	605908	85.07	ng	0.00
7) Phenol-d6	7.13	99	845282	84.90	ng	0.00
23) Nitrobenzene-d5	9.12	82	797573	76.38	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	337151	86.34	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1710796	83.07	ng	0.00
79) Terphenyl-d14	19.95	244	2260119	81.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	126491	40.730	ng	97
3) Pyridine	3.83	79	377639	41.162	ng	97
4) n-Nitrosodimethylamine	3.75	42	157054	38.450	ng	93
6) Aniline	7.28	93	517370	39.563	ng	99
8) 2-Chlorophenol	7.53	128	340740	40.749	ng	96
9) Benzaldehyde	7.09	77	231856	36.385	ng	98
10) Phenol	7.15	94	429282	41.848	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	349616	39.483	ng	98
12) 1,3-Dichlorobenzene	7.85	146	395642	40.433	ng	98
13) 1,4-Dichlorobenzene	8.00	146	390679	40.465	ng	99
14) 1,2-Dichlorobenzene	8.32	146	375914	40.565	ng	99
15) Benzyl Alcohol	8.19	79	317252	40.375	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	512675	37.424	ng	99
17) 2-Methylphenol	8.40	107	305110	41.102	ng	100
18) Hexachloroethane	9.04	117	152699	40.646	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	287401	38.762	ng	98
20) 3+4-Methylphenols	8.73	107	426610	41.195	ng	99
22) Acetophenone	8.78	105	541350	38.979	ng	# 98
24) Nitrobenzene	9.16	77	400092	38.683	ng	100
25) Isophorone	9.69	82	761102	38.848	ng	99
26) 2-Nitrophenol	9.87	139	202309	41.344	ng	99
27) 2,4-Dimethylphenol	9.93	122	287816	39.074	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	505183	38.678	ng	100
29) 2,4-Dichlorophenol	10.41	162	361747	41.172	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	390308	39.619	ng	98
31) Naphthalene	10.81	128	1100332	40.702	ng	99
32) Benzoic acid	10.07	122	154519	28.661	ng	95
33) 4-Chloroaniline	10.91	127	516304	40.042	ng	99
34) Hexachlorobutadiene	11.11	225	237329	39.457	ng	99
35) Caprolactam	11.68	113	136041	41.592	ng	99
36) 4-Chloro-3-methylphenol	12.04	107	390879	41.790	ng	99
37) 2-Methylnaphthalene	12.42	142	830419	40.802	ng	97
38) 1-Methylnaphthalene	12.63	142	789752	40.942	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	425904	38.944	ng	100

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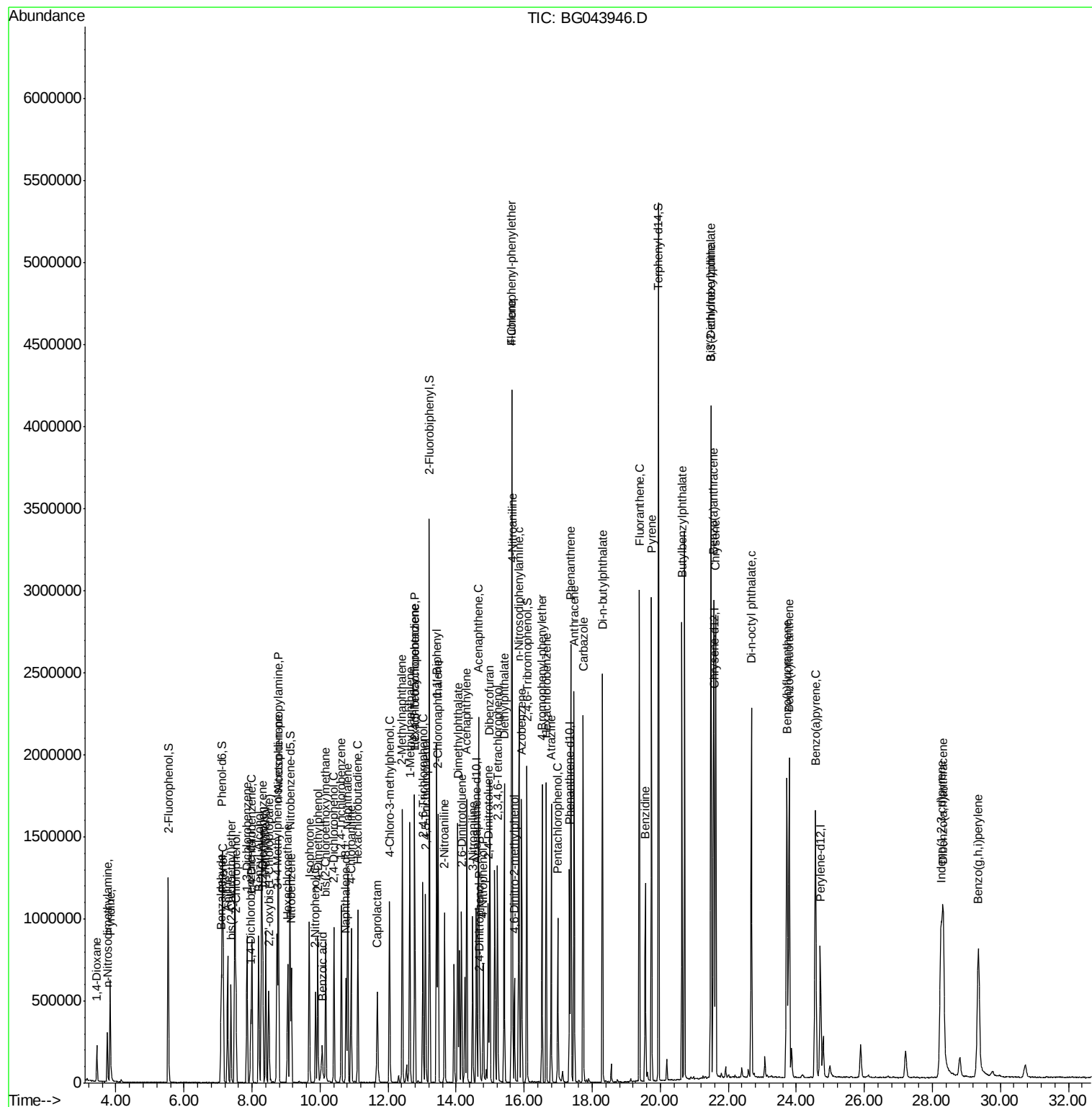
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	206630	36.444	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	302328	40.176	ng	99
44) 2,4,5-Trichlorophenol	13.10	196	314696	40.547	ng	98
46) 1,1'-Biphenyl	13.43	154	1072284	40.081	ng	98
47) 2-Chloronaphthalene	13.47	162	860923	39.825	ng	99
48) 2-Nitroaniline	13.66	65	279931	40.255	ng	96
49) Acenaphthylene	14.32	152	1270941	40.904	ng	100
50) Dimethylphthalate	14.05	163	1084813	40.946	ng	99
51) 2,6-Dinitrotoluene	14.16	165	245710	41.033	ng	94
52) Acenaphthene	14.66	154	877639	40.277	ng	97
53) 3-Nitroaniline	14.49	138	277554	40.816	ng	100
54) 2,4-Dinitrophenol	14.69	184	96471	34.938	ng	99
55) Dibenzofuran	14.99	168	1241565	41.391	ng	100
56) 4-Nitrophenol	14.80	139	208265	39.967	ng	96
57) 2,4-Dinitrotoluene	14.94	165	340473	41.786	ng	96
58) Fluorene	15.64	166	982002	41.304	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	278753	41.768	ng	97
60) Diethylphthalate	15.41	149	1106422	41.754	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	529914	41.047	ng	98
62) 4-Nitroaniline	15.65	138	283418	42.205	ng	96
63) Azobenzene	15.92	77	1012013	41.181	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	155097	38.872	ng	99
66) n-Nitrosodiphenylamine	15.85	169	911095	39.007	ng	99
67) 4-Bromophenyl-phenylether	16.52	248	349224	39.148	ng	98
68) Hexachlorobenzene	16.65	284	379676	39.500	ng	98
69) Atrazine	16.79	200	302837	39.887	ng	99
70) Pentachlorophenol	16.99	266	191080	36.062	ng	98
71) Phenanthrene	17.38	178	1531657	40.261	ng	100
72) Anthracene	17.47	178	1529698	40.686	ng	99
73) Carbazole	17.73	167	1411303	40.637	ng	99
74) Di-n-butylphthalate	18.30	149	1775783	40.048	ng	100
75) Fluoranthene	19.39	202	1715099	39.420	ng	99
77) Benzidine	19.56	184	744466	44.603	ng	99
78) Pyrene	19.74	202	1727496	39.856	ng	99
80) Butylbenzylphthalate	20.64	149	846970	41.044	ng	98
81) Benzo(a)anthracene	21.57	228	1665706	40.455	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	646268	39.729	ng	100
83) Chrysene	21.63	228	1605847	41.045	ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	1155479	40.581	ng	99
85) Di-n-octyl phthalate	22.68	149	1985791	41.485	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2046202	38.484	ng	99
88) Benzo(b)fluoranthene	23.73	252	1792810	39.755	ng	99
89) Benzo(k)fluoranthene	23.79	252	1747478	40.749	ng	99
90) Benzo(a)pyrene	24.57	252	1707616	40.120	ng	98
91) Dibenzo(a,h)anthracene	28.32	278	1616126	37.808	ng	97
92) Benzo(g,h,i)perylene	29.35	276	1593907	37.539	ng	99

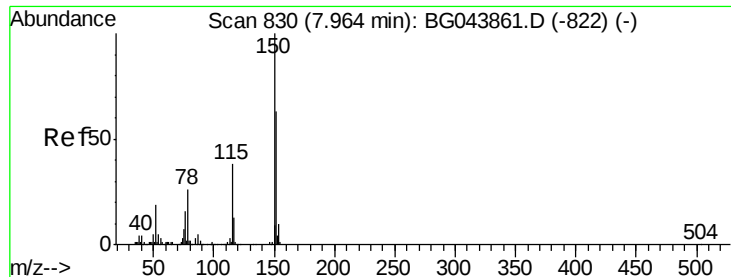
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

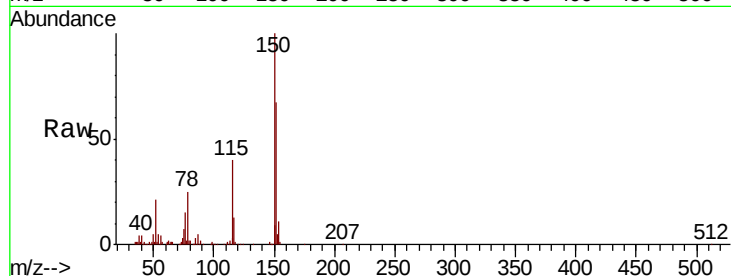
Tot Ion:152 Resp: 130781

Ion Ratio Lower Upper

152 100

150 150.0 127.0 190.4

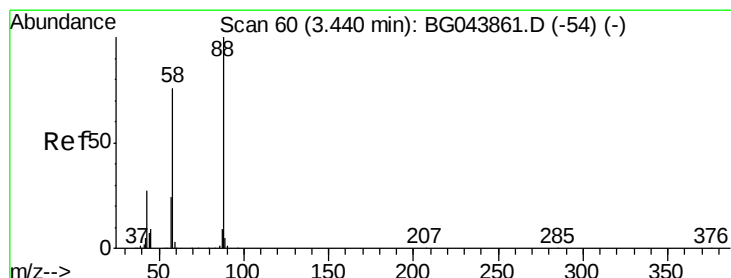
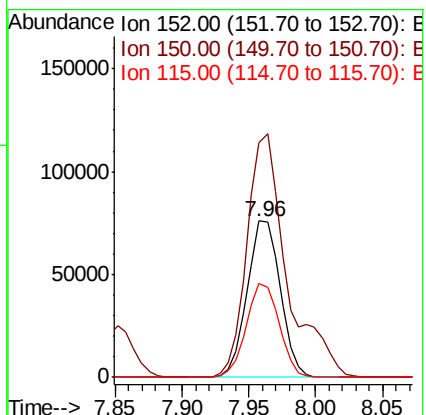
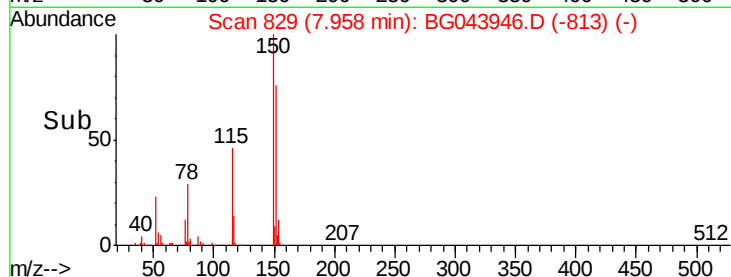
115 60.5 47.8 71.8



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: 40.730 ng

RT: 3.43 min Scan# 59

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

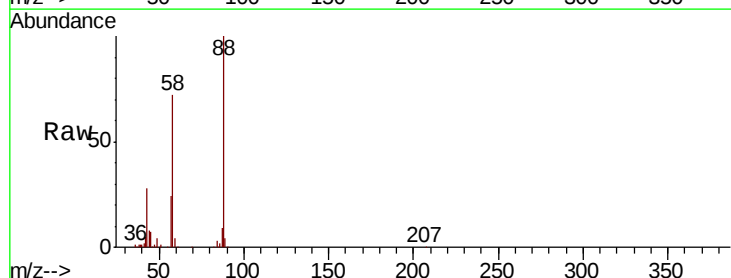
Tgt Ion: 88 Resp: 126491

Ion Ratio Lower Upper

88 100

58 71.5 59.8 89.8

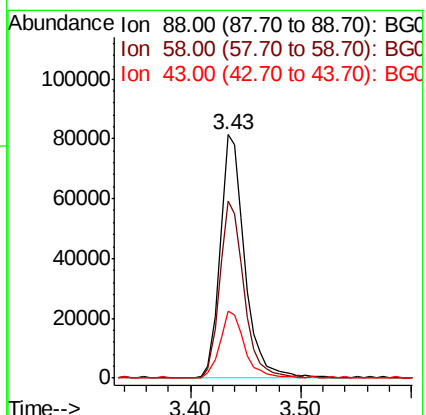
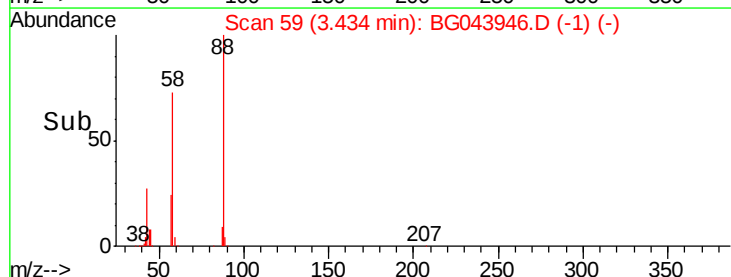
43 27.7 22.9 34.3

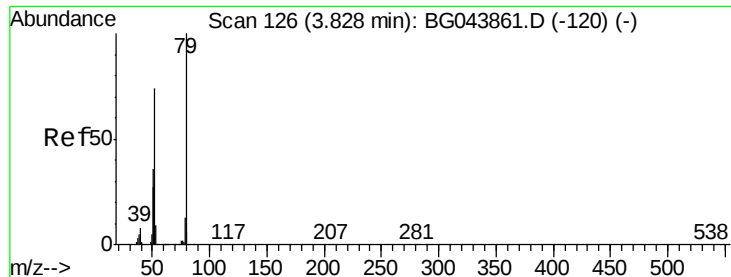


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.162 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

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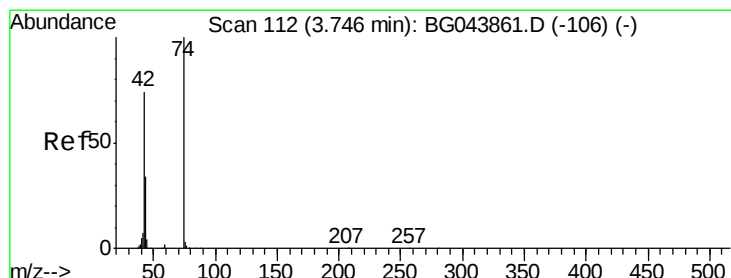
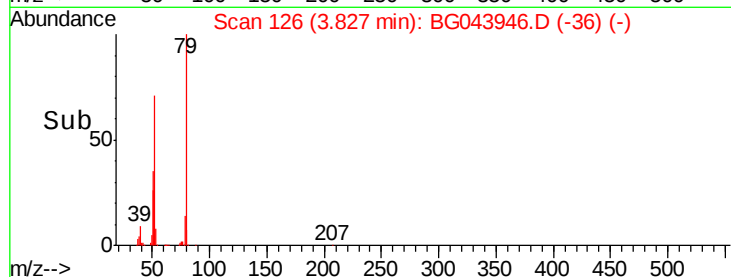
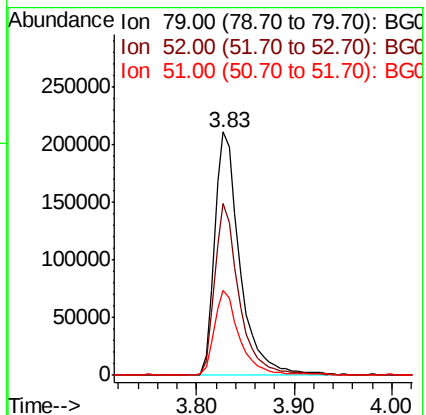
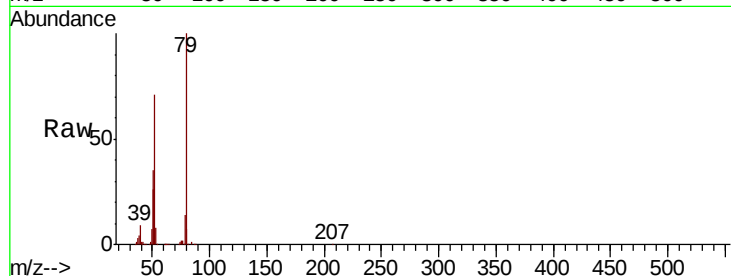
Tot Ion: 79 Resp: 377639

Ion Ratio Lower Upper

79 100

52 70.6 58.9 88.3

51 35.0 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 38.450 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

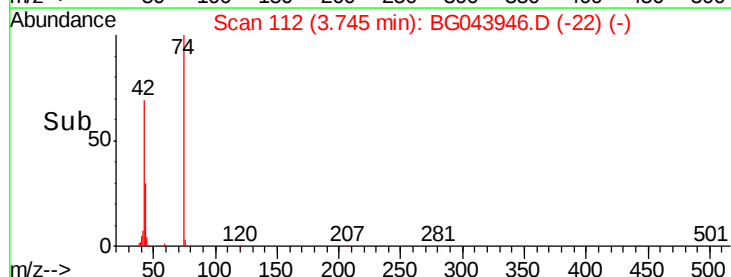
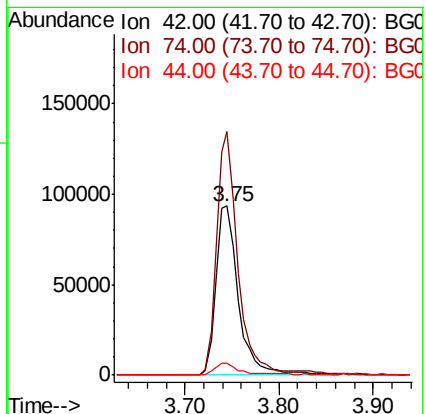
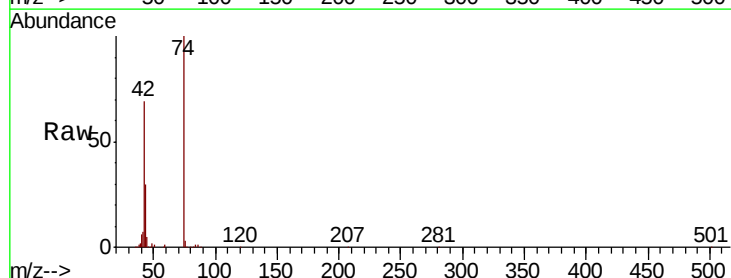
Tgt Ion: 42 Resp: 157054

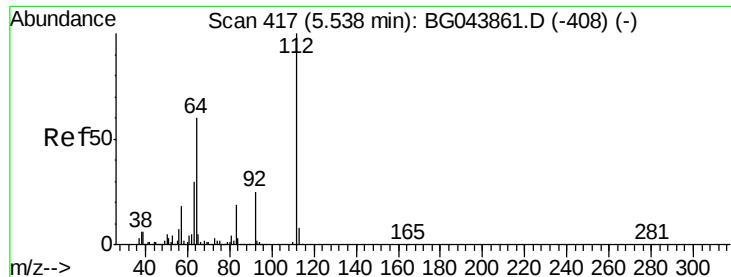
Ion Ratio Lower Upper

42 100

74 143.9 108.6 162.8

44 6.9 5.0 7.6





#5

2-Fluorophenol

Concen: 85.067 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

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Acq: 7 Jan 2020 00:47

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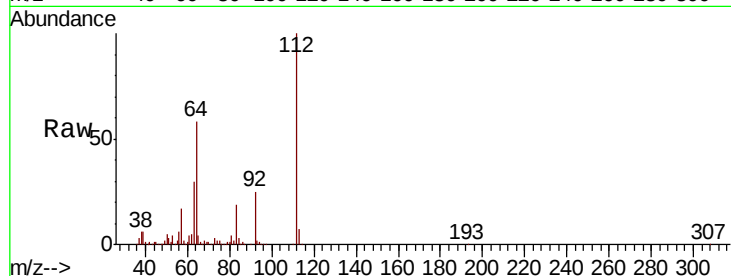
Tot Ion:112 Resp: 605908

Ion Ratio Lower Upper

112 100

64 58.4 47.8 71.6

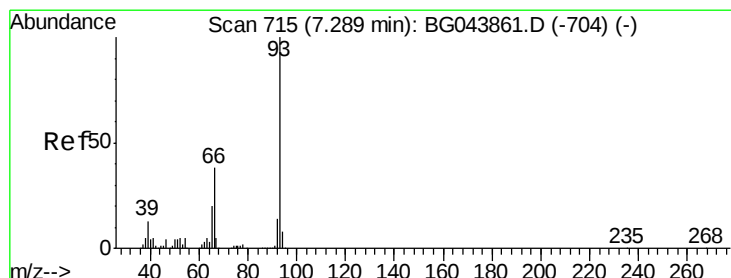
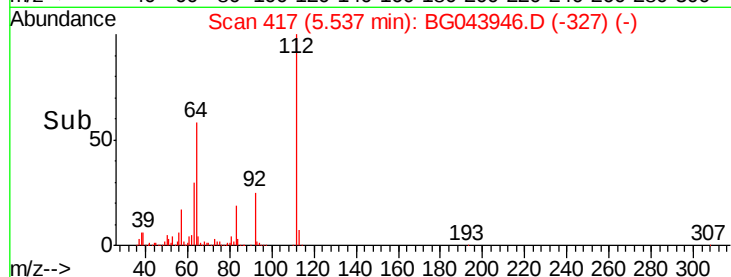
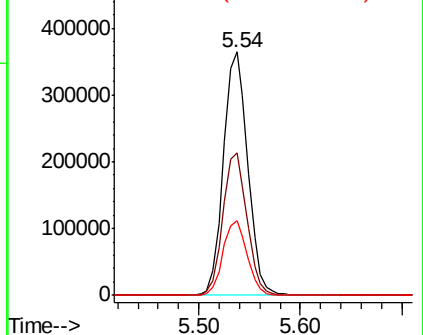
63 30.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.563 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

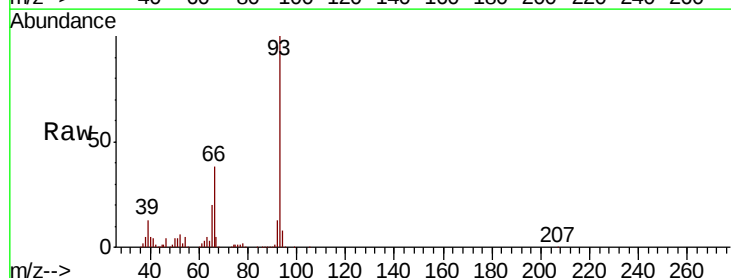
Tgt Ion: 93 Resp: 517370

Ion Ratio Lower Upper

93 100

66 38.4 30.8 46.2

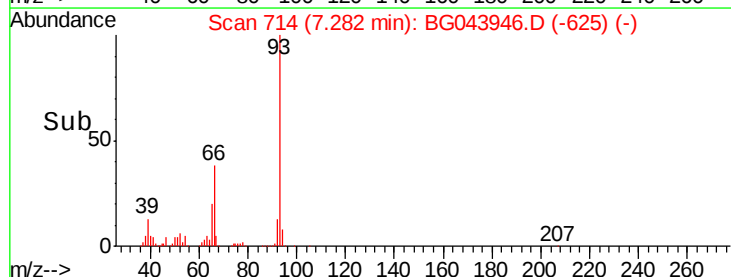
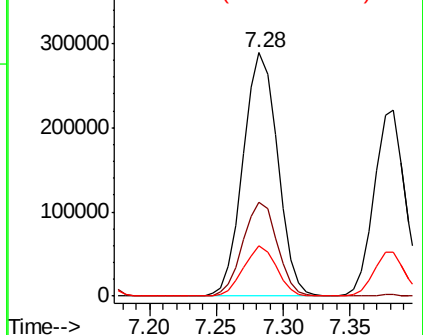
65 20.5 16.0 24.0

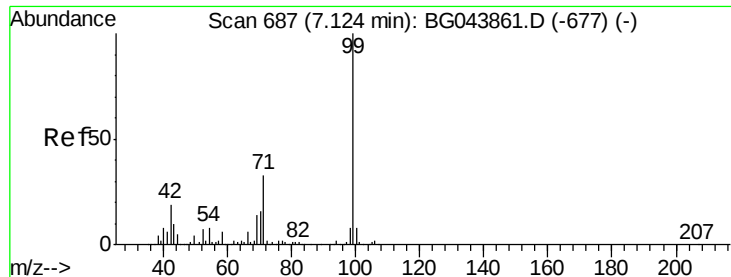


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.900 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

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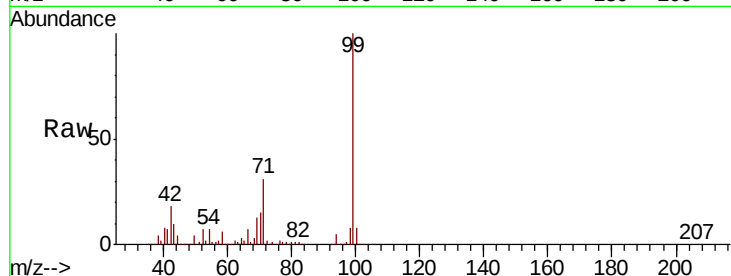
Tot Ion: 99 Resp: 845282

Ion Ratio Lower Upper

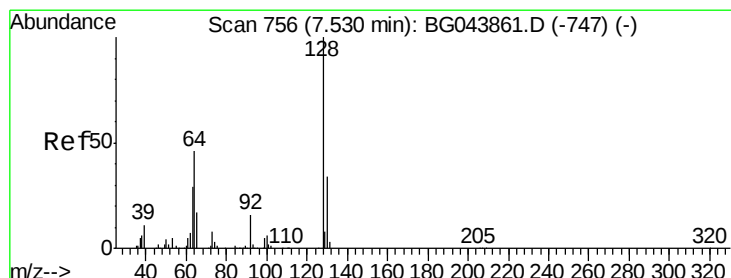
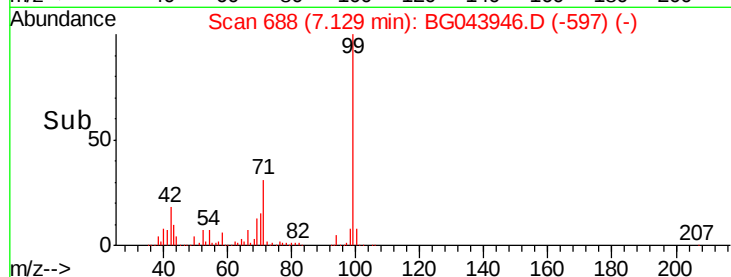
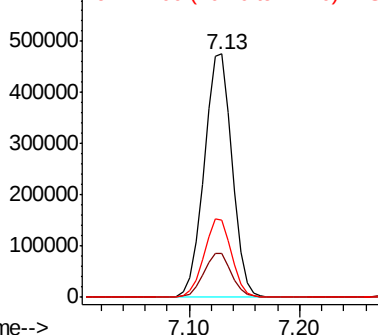
99 100

42 17.8 14.9 22.3

71 31.5 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: 40.749 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

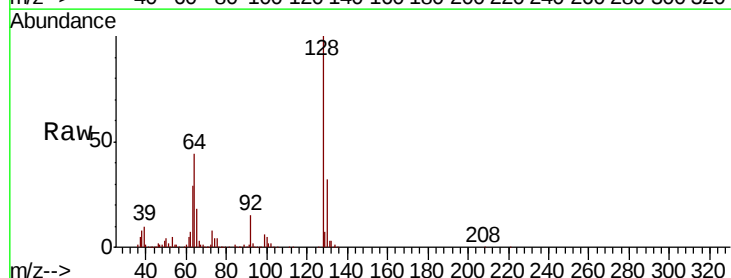
Tgt Ion: 128 Resp: 340740

Ion Ratio Lower Upper

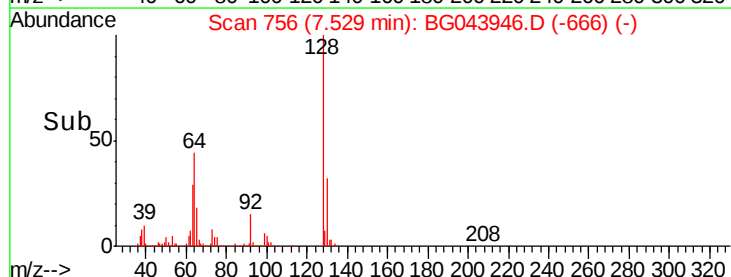
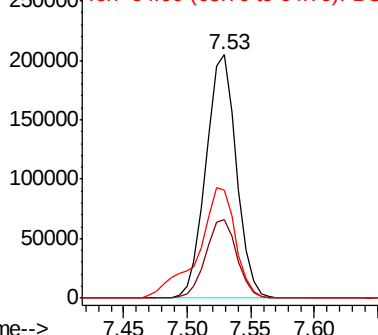
128 100

130 32.5 13.8 53.8

64 44.4 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: 36.385 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

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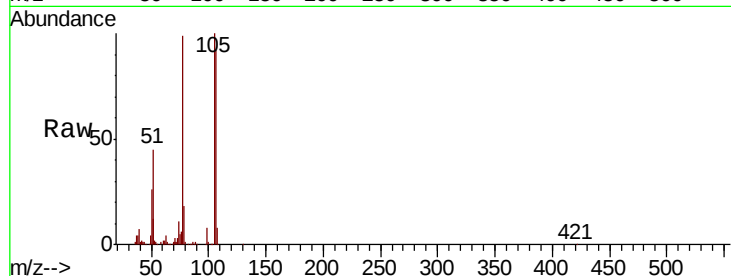
Tot Ion: 77 Resp: 231856

Ion Ratio Lower Upper

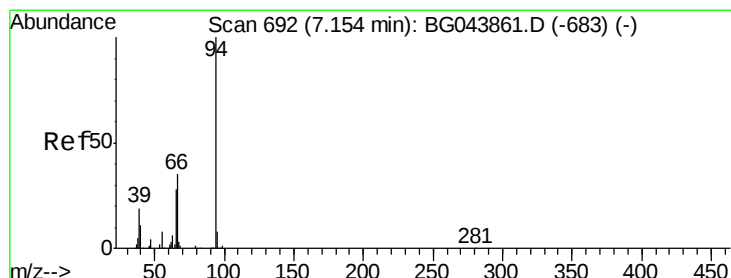
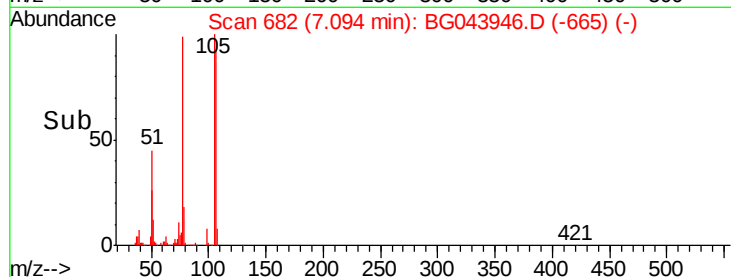
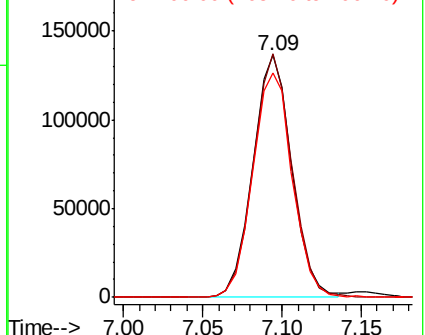
77 100

105 100.6 80.2 120.2

106 92.8 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.848 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

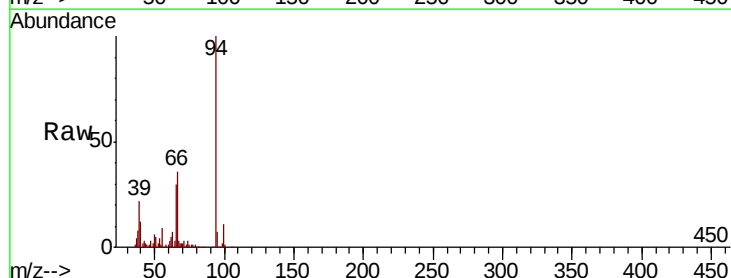
Tgt Ion: 94 Resp: 429282

Ion Ratio Lower Upper

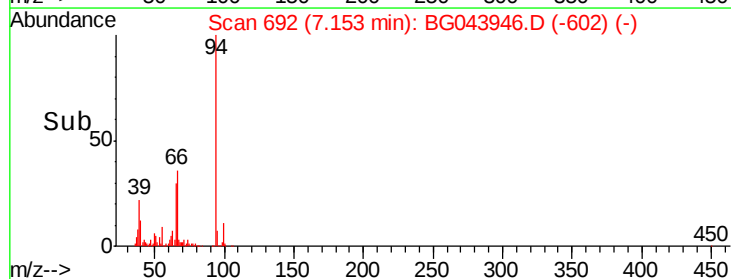
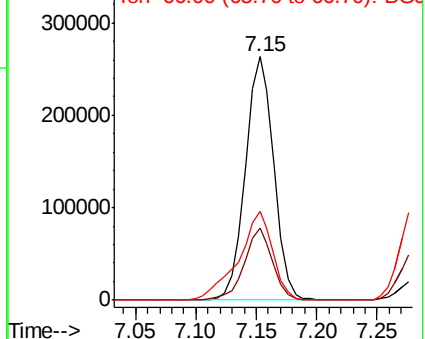
94 100

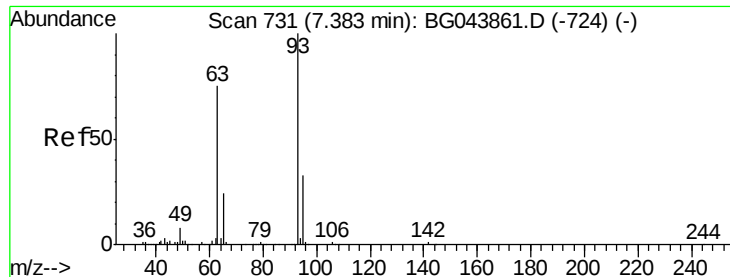
65 29.5 8.1 48.1

66 36.5 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

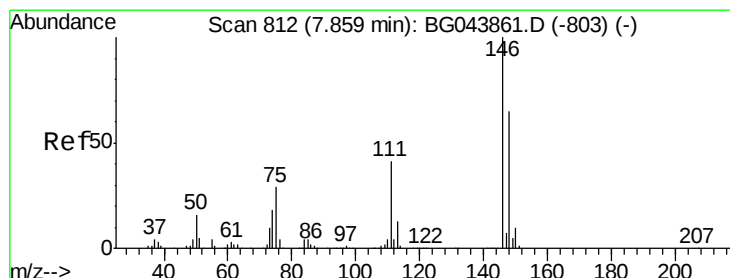
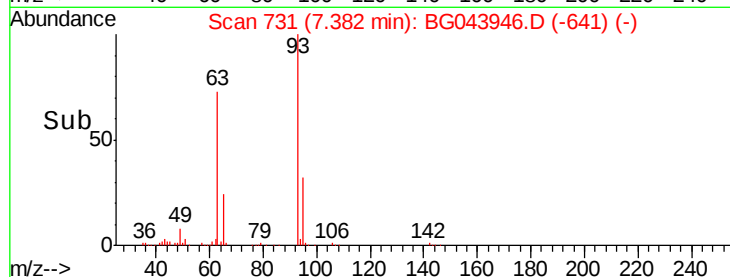
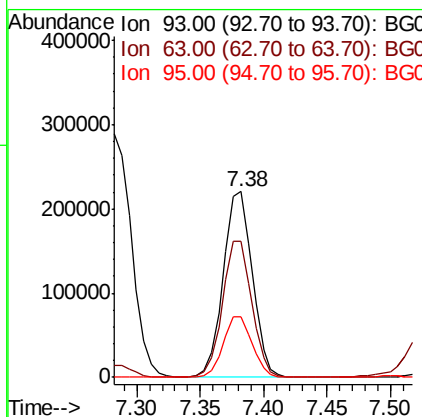
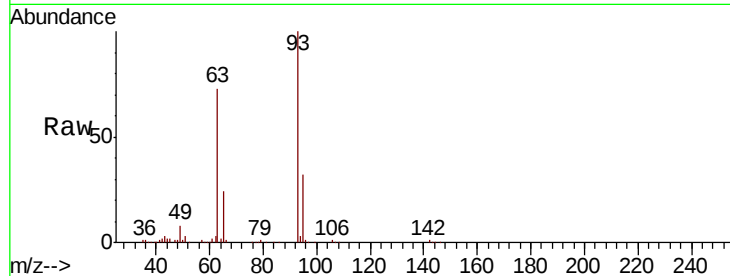




#11
bis(2-Chloroethyl)ether
Concen: 39.483 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

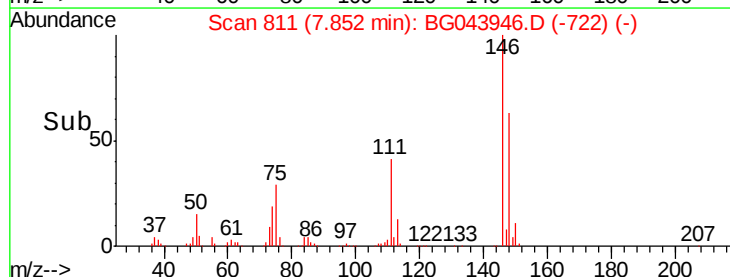
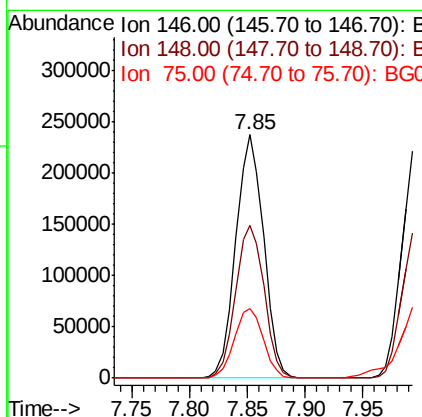
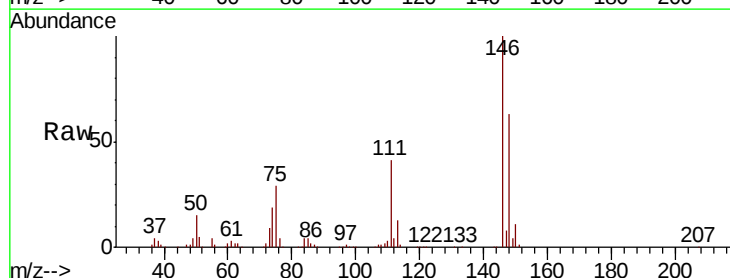
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

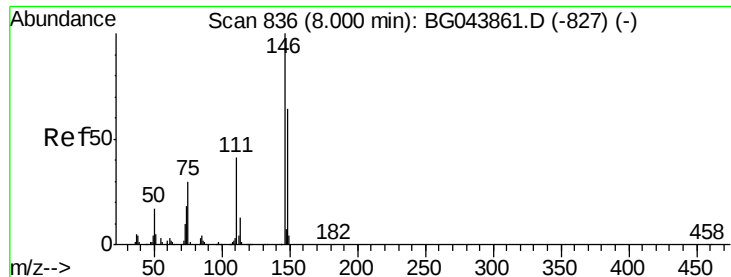
Tot Ion	93	Resp	349616
Ion	Ratio	Lower	Upper
93	100		
63	72.9	55.0	95.0
95	32.4	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 40.433 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion	146	Resp	395642
Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.1	78.1
75	28.7	23.0	34.4

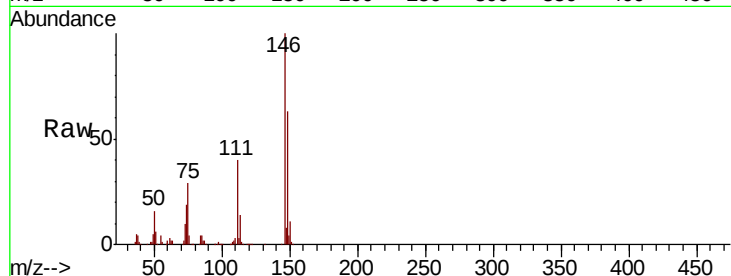




#13
 1,4-Dichlorobenzene
 Concen: 40.465 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043946.D
 Acq: 7 Jan 2020 00:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.2	76.8
111	40.3	33.1	49.7

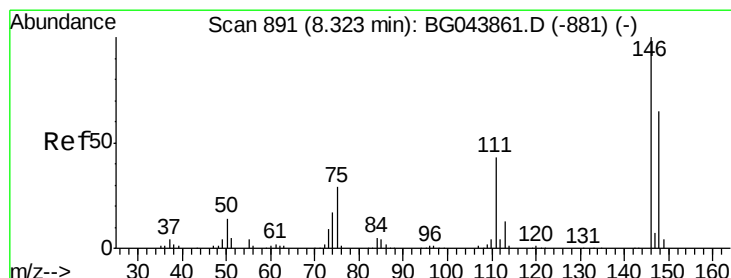
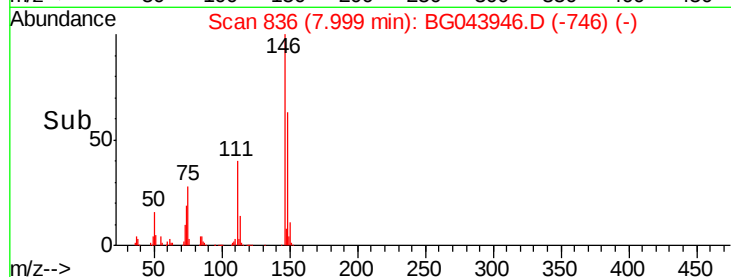
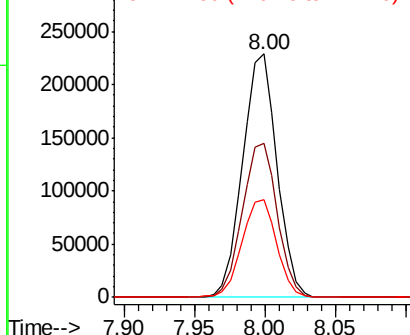


Abundance

Ion 146.00 (145.70 to 146.70): E

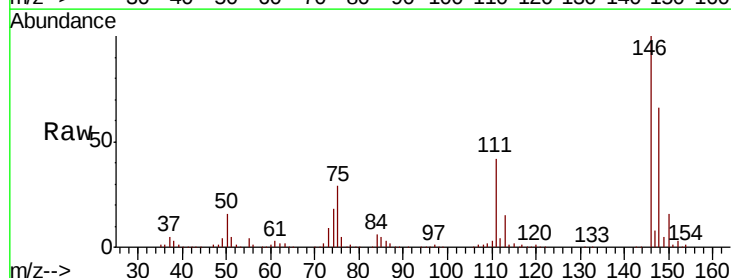
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.565 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043946.D
 Acq: 7 Jan 2020 00:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.7	77.5
111	42.5	34.4	51.6

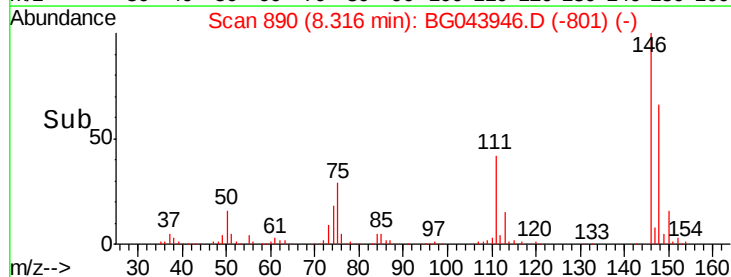
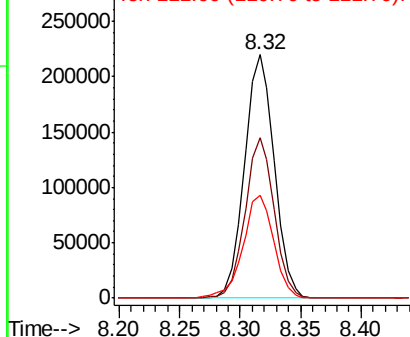


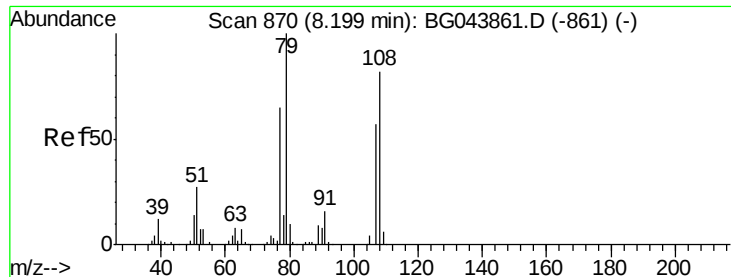
Abundance

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: 40.375 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

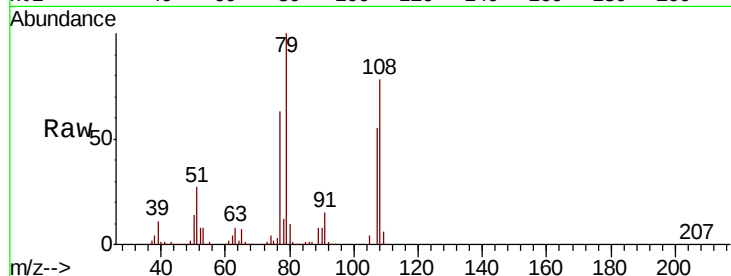
Tot Ion: 79 Resp: 317252

Ion Ratio Lower Upper

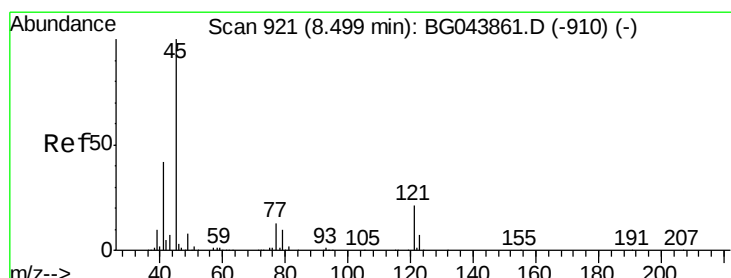
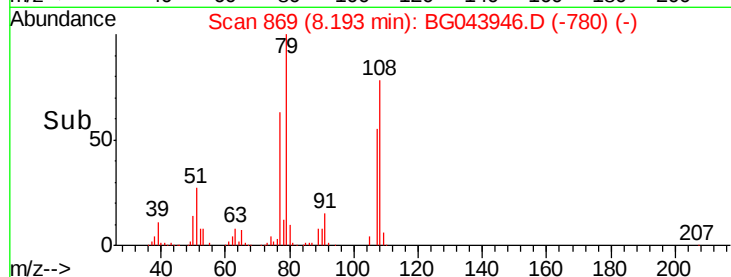
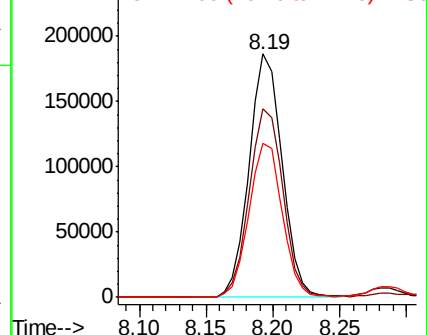
79 100

108 77.6 65.6 98.4

77 63.2 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: 37.424 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

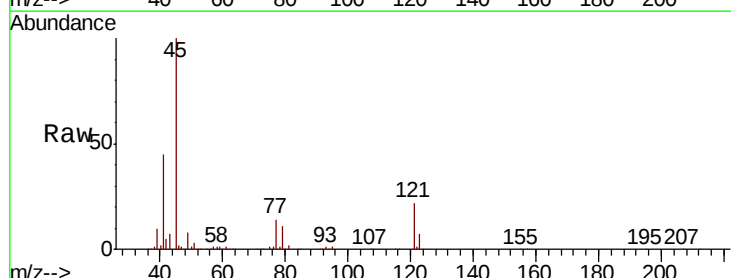
Tgt Ion: 45 Resp: 512675

Ion Ratio Lower Upper

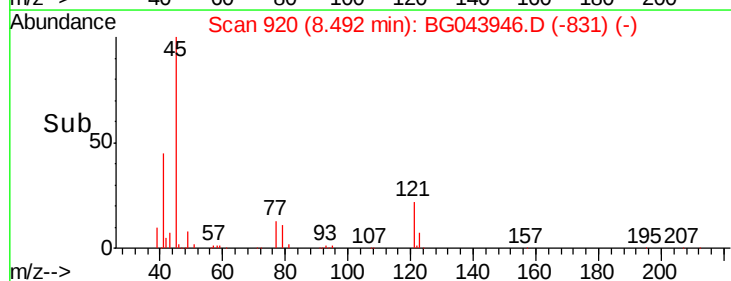
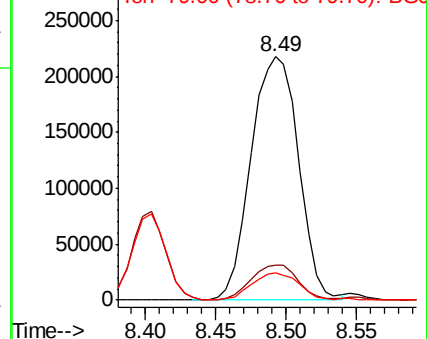
45 100

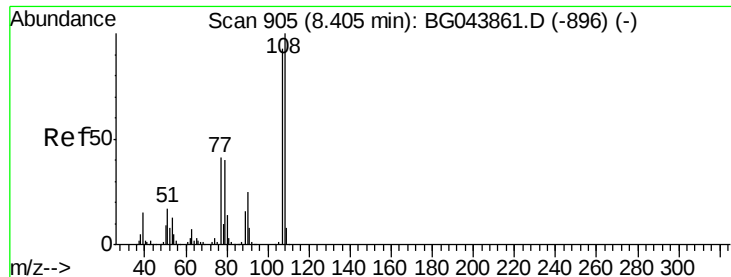
77 14.2 0.0 33.8

79 11.5 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: 41.102 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 305110

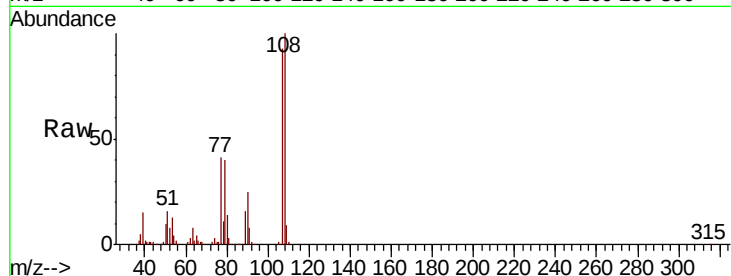
Ion Ratio Lower Upper

107 100

108 107.9 86.1 129.1

77 44.1 35.4 53.0

79 42.8 34.8 52.2

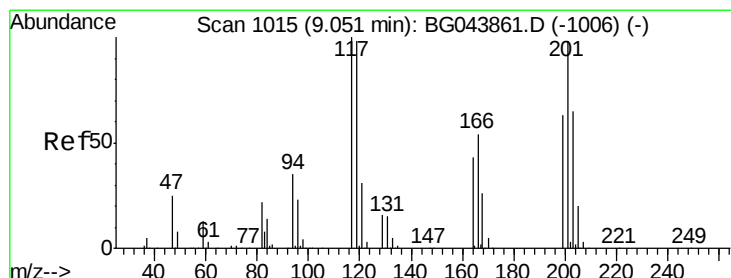
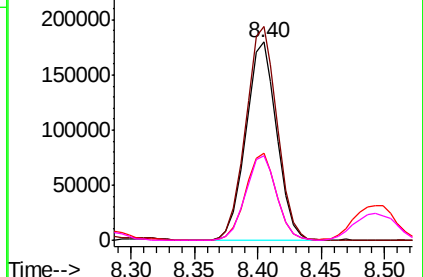
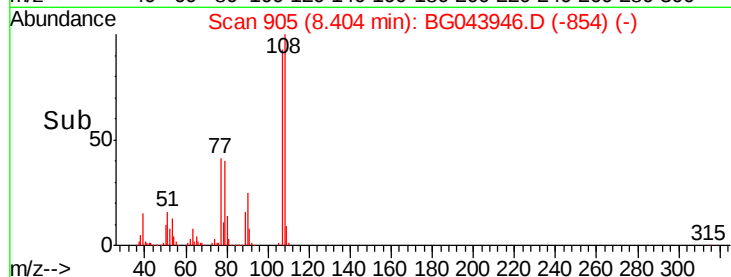


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.646 ng

RT: 9.04 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

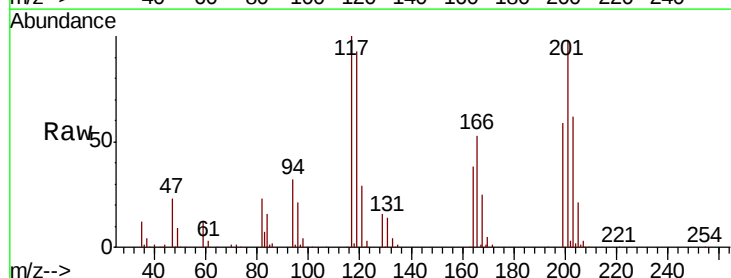
Tgt Ion:117 Resp: 152699

Ion Ratio Lower Upper

117 100

119 92.8 78.1 117.1

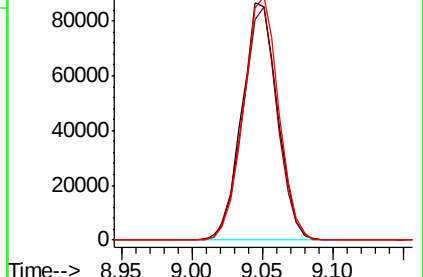
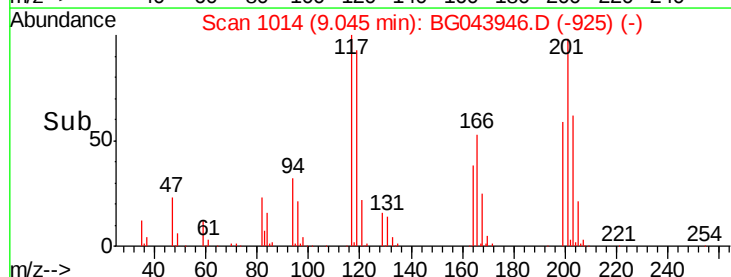
201 97.7 78.6 117.8



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: 38.762 ng

RT: 8.76 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 287401

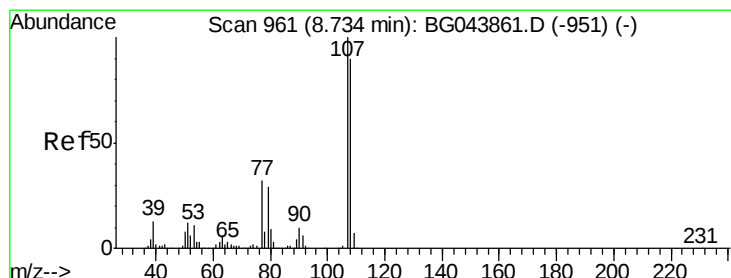
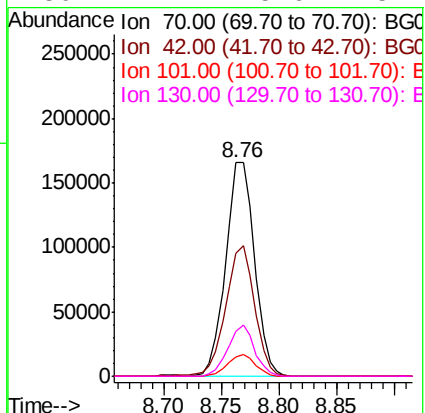
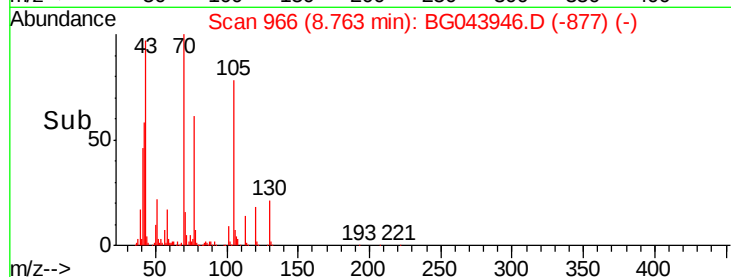
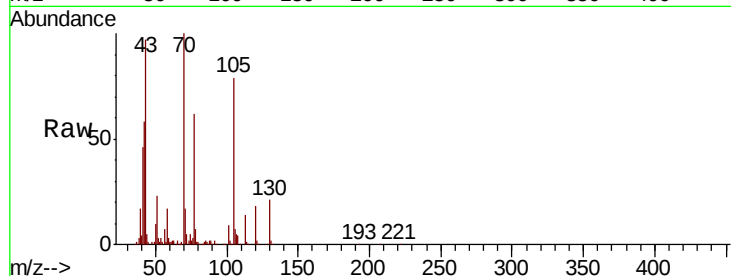
Ion Ratio Lower Upper

70 100

42 57.5 47.0 70.4

101 9.3 7.2 10.8

130 21.1 15.6 23.4



#20

3+4-Methylphenols

Concen: 41.195 ng

RT: 8.73 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Tgt Ion: 107 Resp: 426610

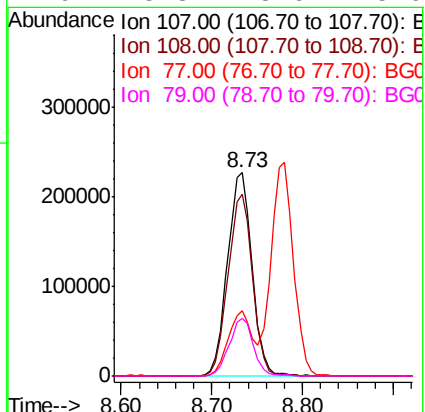
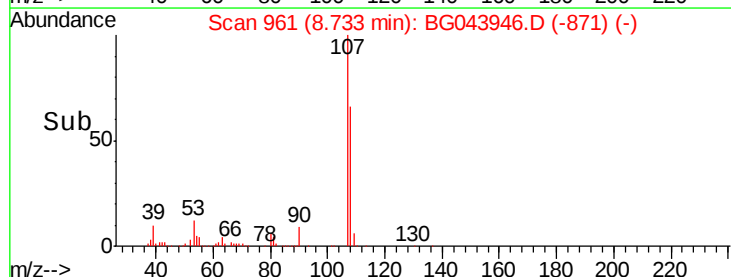
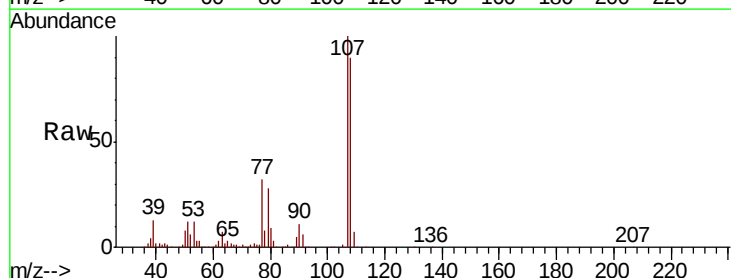
Ion Ratio Lower Upper

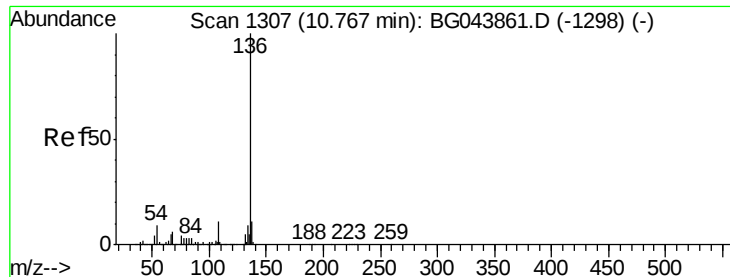
107 100

108 89.7 70.3 110.3

77 31.9 12.4 52.4

79 28.3 8.6 48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 558645

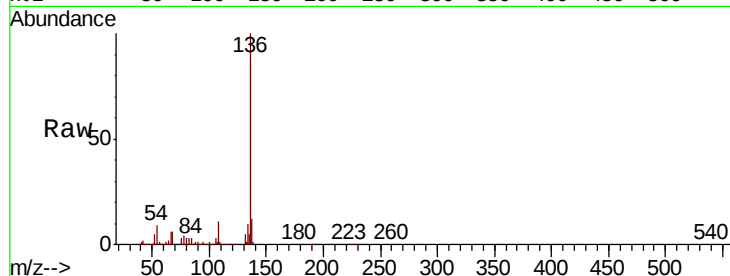
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 8.7 7.0 10.4

68 5.7 4.9 7.3

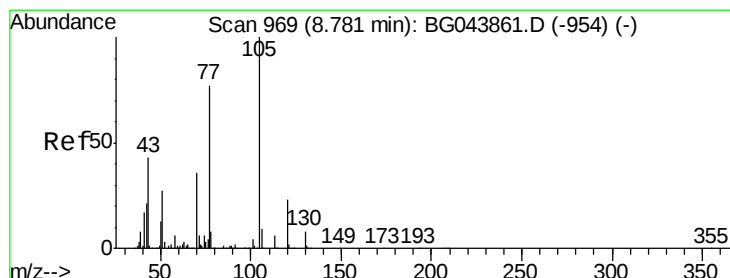
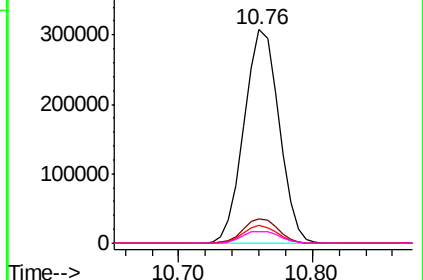
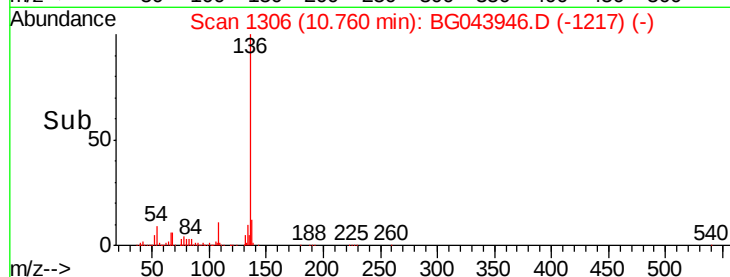


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.979 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Tgt Ion:105 Resp: 541350

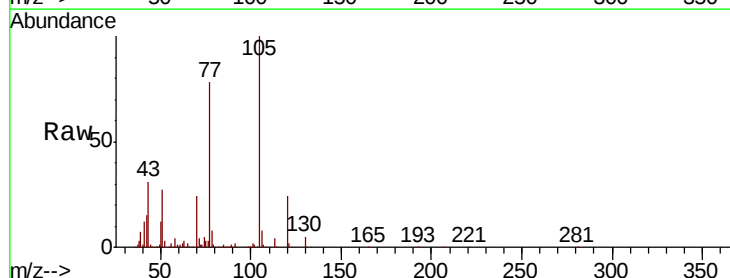
Ion Ratio Lower Upper

105 100

71 3.7 4.8 7.2#

51 27.0 21.4 32.0

120 24.3 18.6 28.0

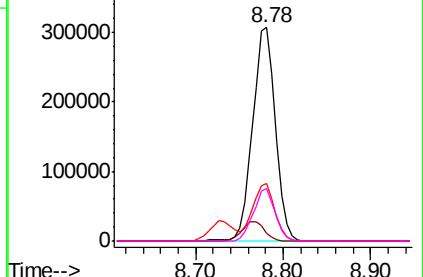
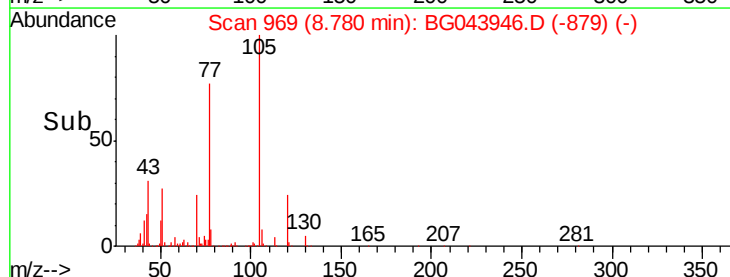


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

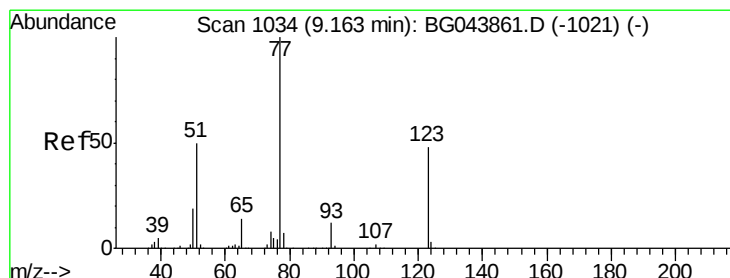
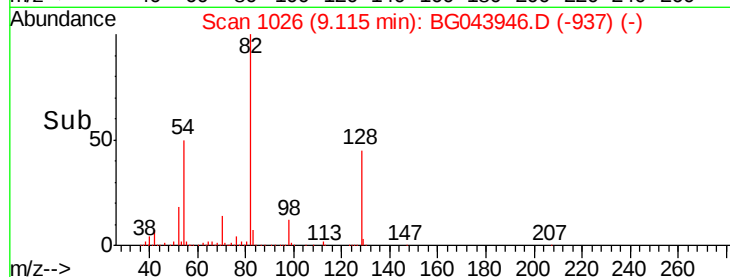
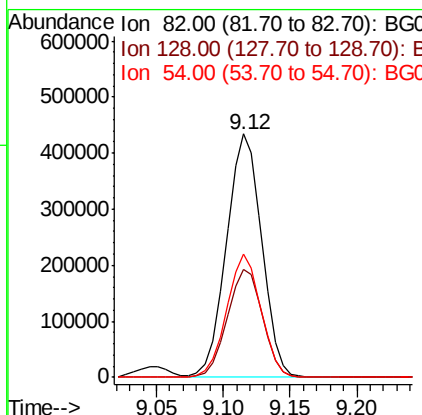
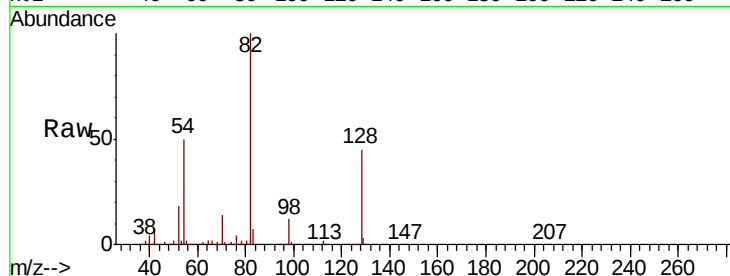




#23
 Nitrobenzene-d5
 Concen: 76.376 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043946.D
 Acq: 7 Jan 2020 00:47

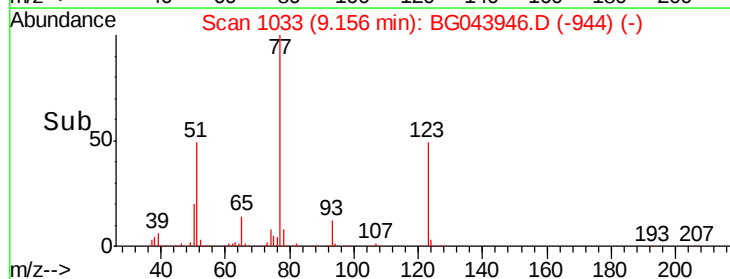
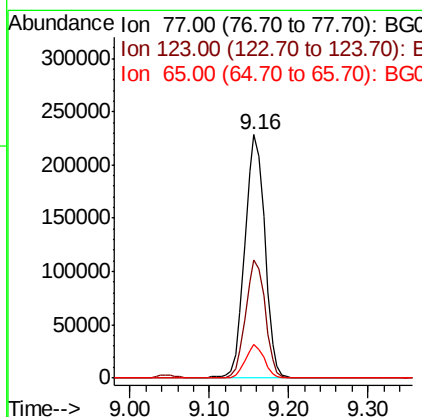
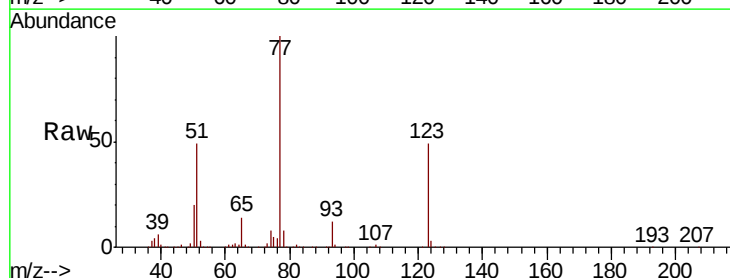
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

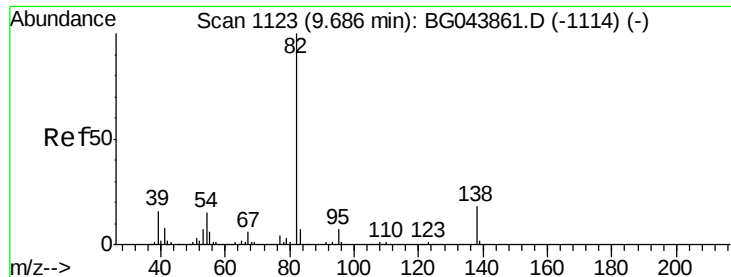
Tot Ion	82	Resp	797573
Ion Ratio	Lower	Upper	
82	100		
128	44.5	35.1	52.7
54	50.5	40.1	60.1



#24
 Nitrobenzene
 Concen: 38.683 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043946.D
 Acq: 7 Jan 2020 00:47

Tgt Ion	77	Resp	400092
Ion Ratio	Lower	Upper	
77	100		
123	48.8	38.7	58.1
65	13.8	11.1	16.7





#25

Isophorone

Concen: 38.848 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

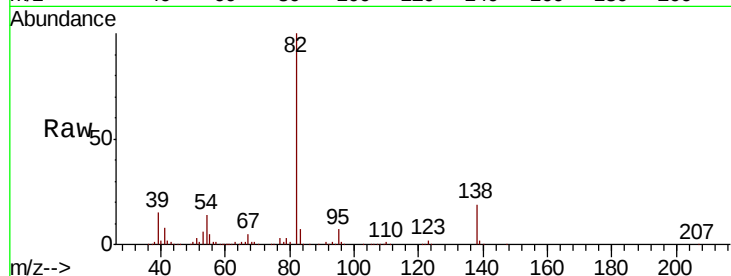
Tot Ion: 82 Resp: 761102

Ion Ratio Lower Upper

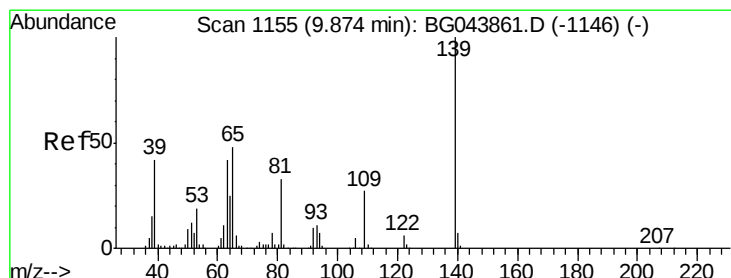
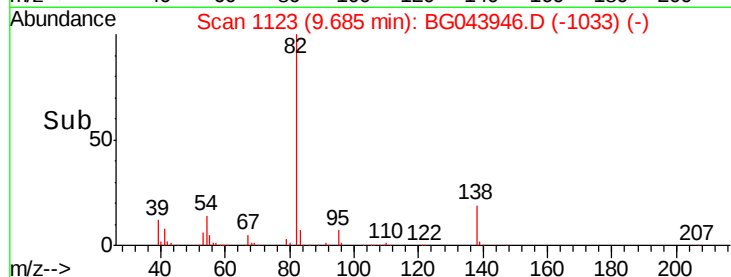
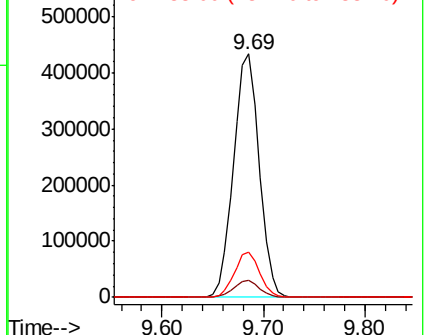
82 100

95 7.1 5.8 8.6

138 18.7 14.6 22.0



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



#26

2-Nitrophenol

Concen: 41.344 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

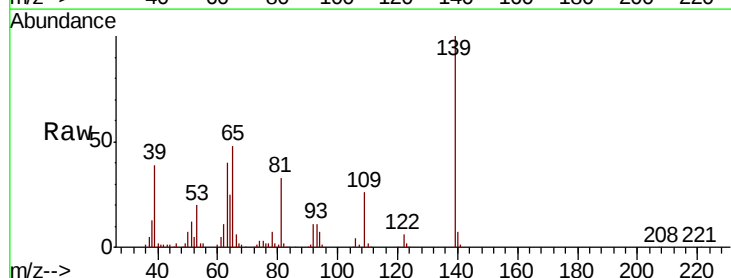
Tgt Ion: 139 Resp: 202309

Ion Ratio Lower Upper

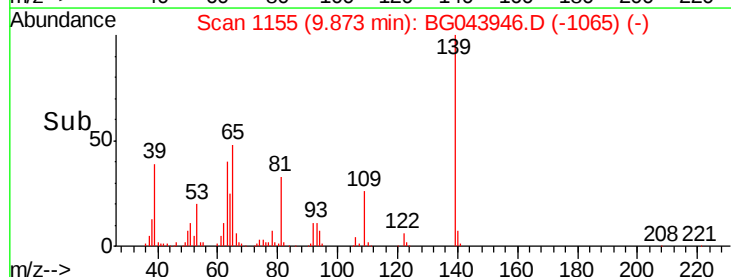
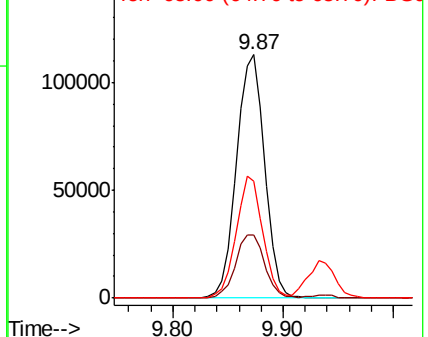
139 100

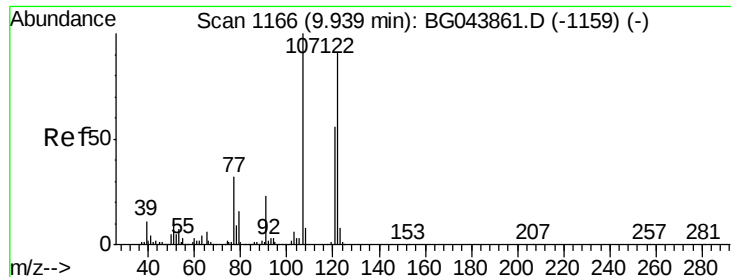
109 26.0 21.3 31.9

65 48.1 38.6 57.8



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

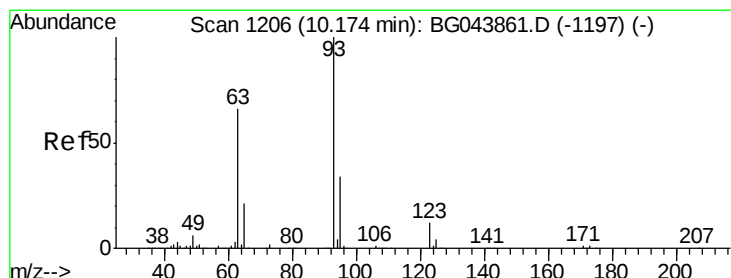
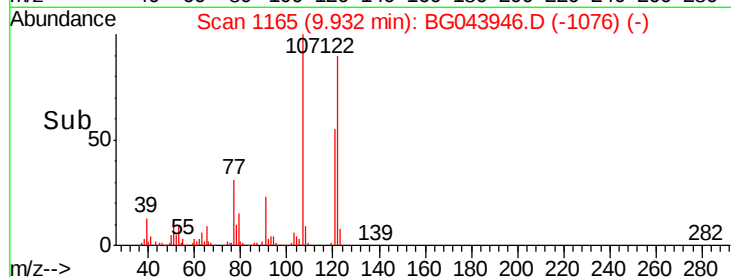
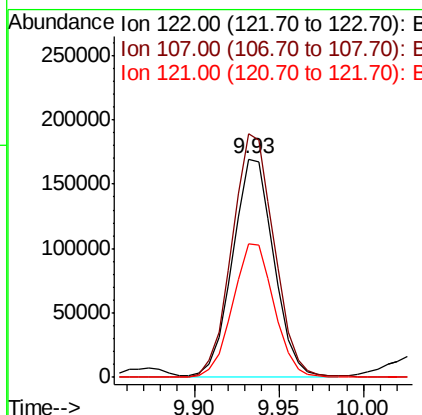
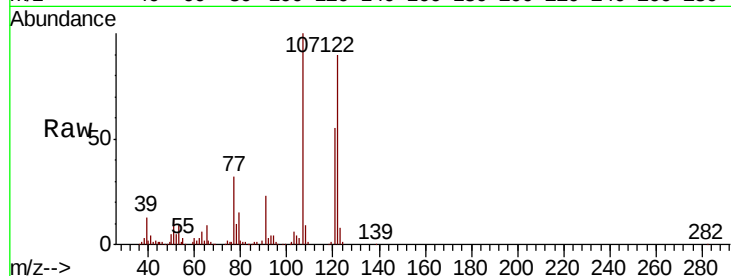




#27
2,4-Dimethylphenol
Concen: 39.074 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

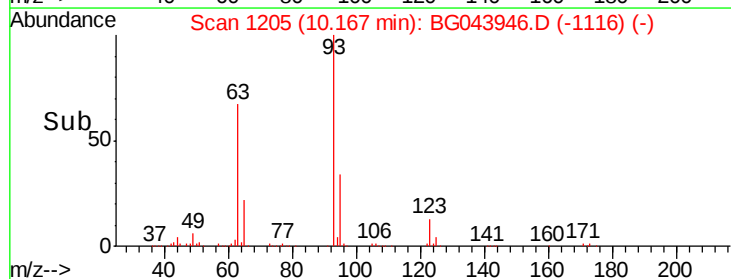
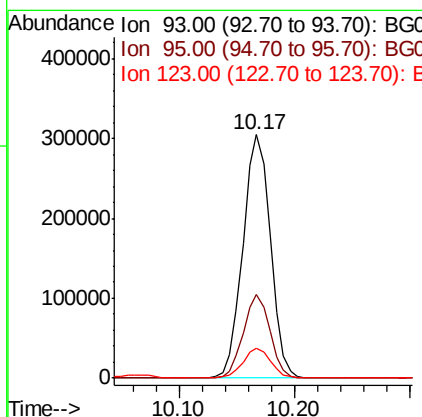
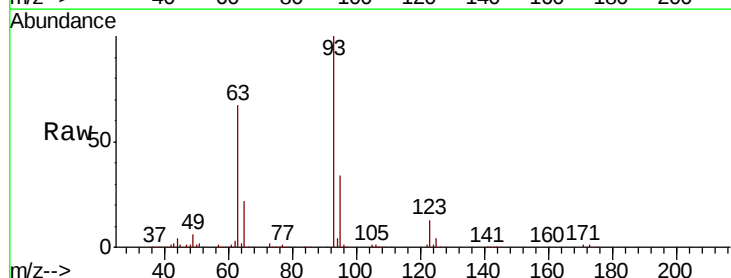
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

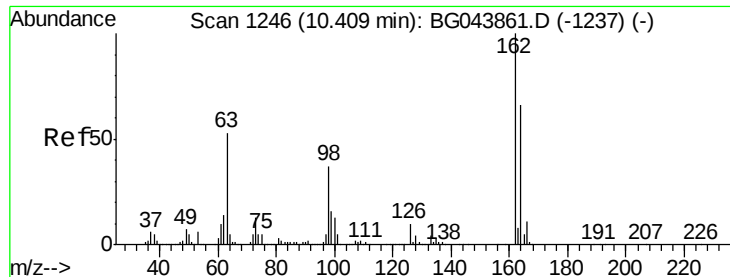
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	88.0	132.0
121	61.5	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.678 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.2	40.8
123	12.5	9.7	14.5

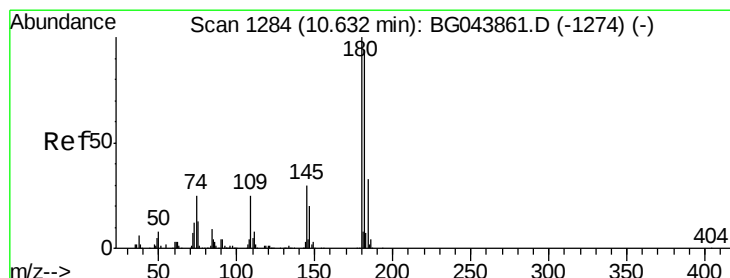
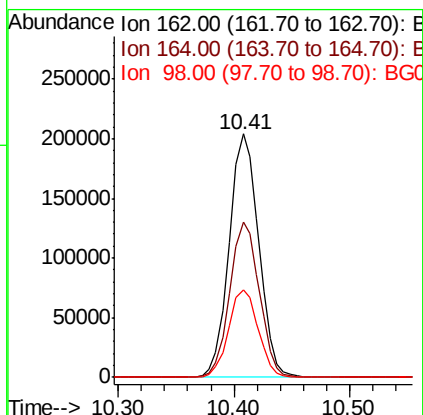
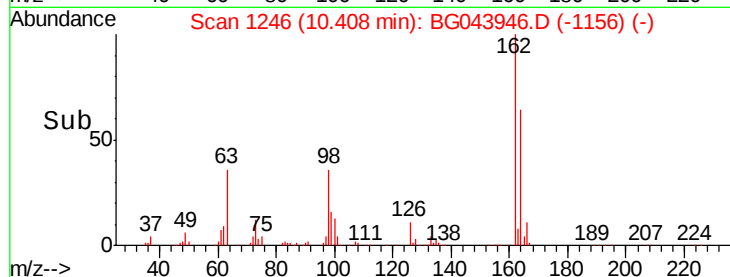
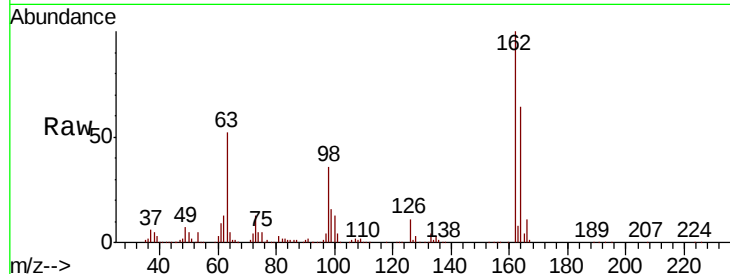




#29
 2,4-Dichlorophenol
 Concen: 41.172 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043946.D
 Acq: 7 Jan 2020 00:47

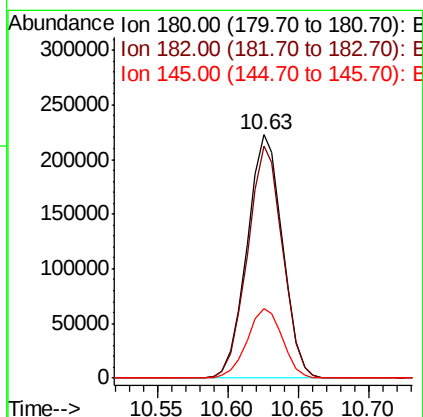
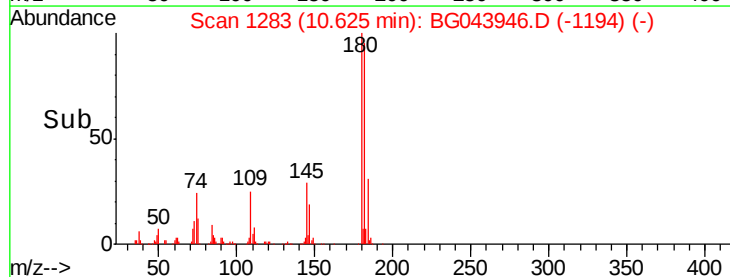
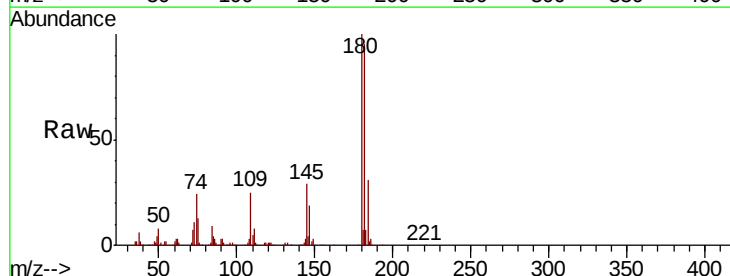
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	46.3	86.3
98	35.7	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.619 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043946.D
 Acq: 7 Jan 2020 00:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.4
145	28.7	24.2	36.4

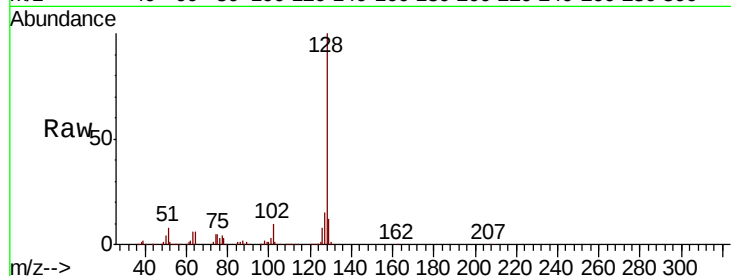




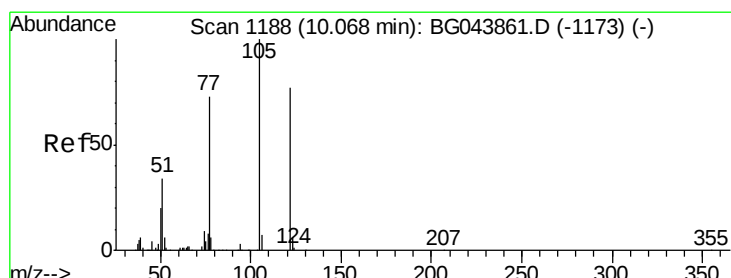
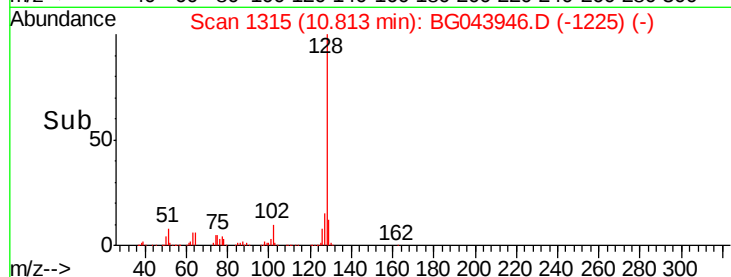
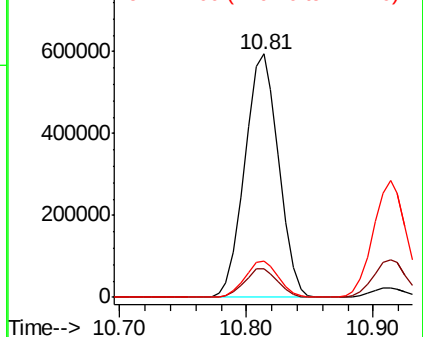
#31
Naphthalene
Concen: 40.702 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1100332
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 14.7 12.0 18.0

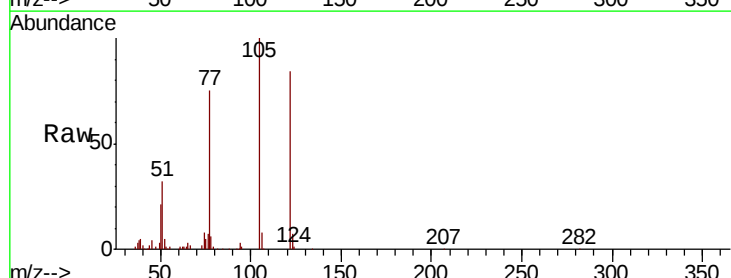


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

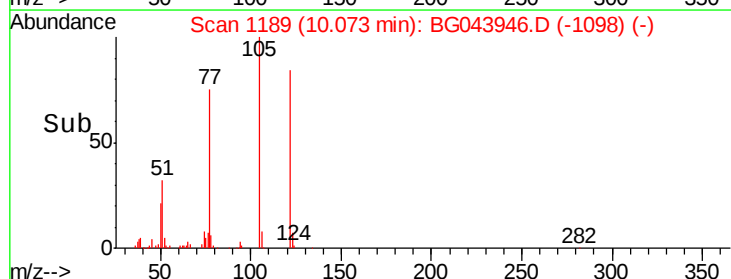
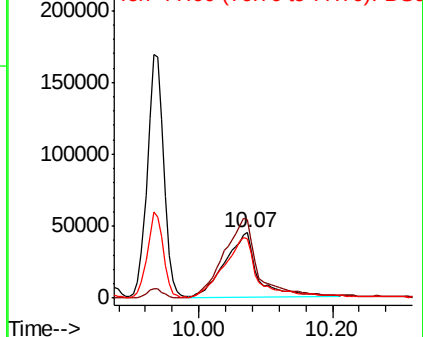


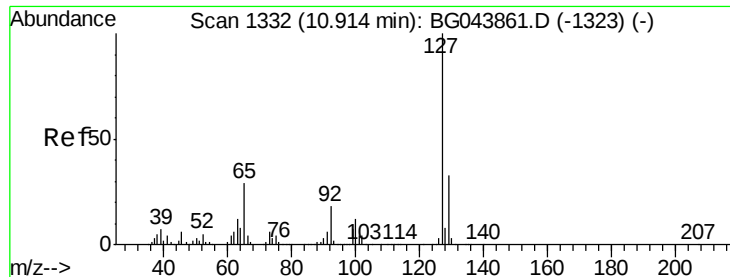
#32
Benzoic acid
Concen: 28.661 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:122 Resp: 154519
Ion Ratio Lower Upper
122 100
105 119.7 106.4 146.4
77 89.9 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): BGO

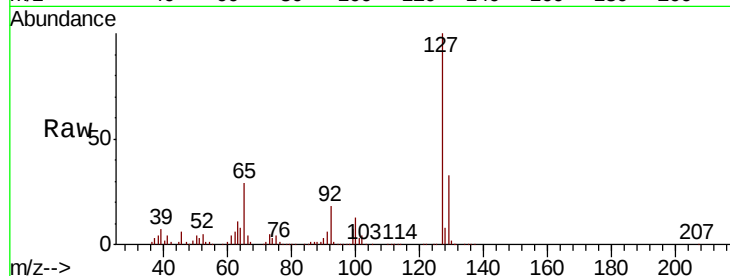




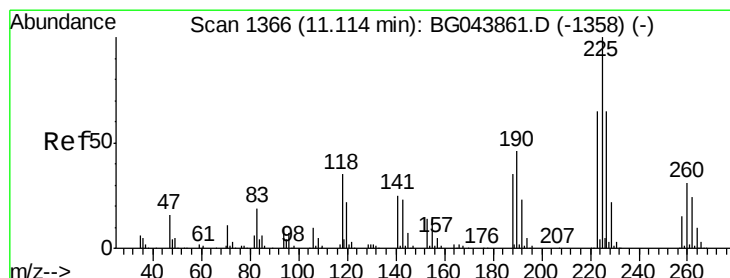
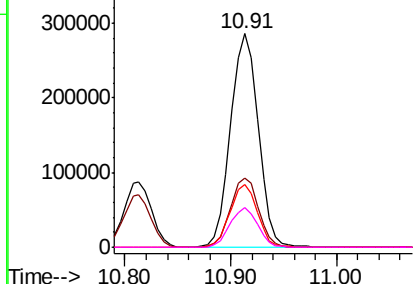
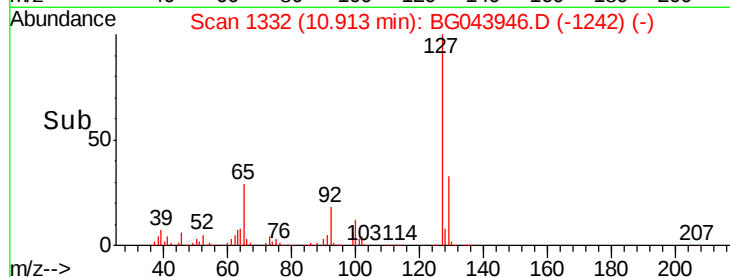
#33
4-Chloroaniline
Concen: 40.042 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	516304
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	29.2	23.3	34.9
92	18.4	14.7	22.1

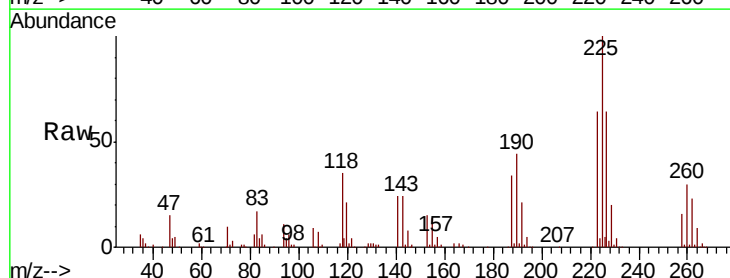


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

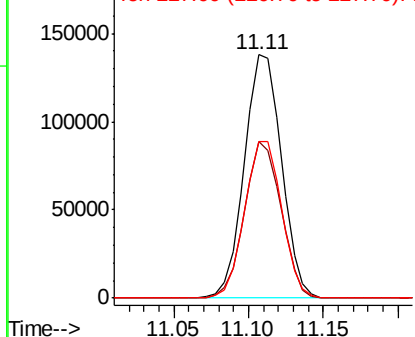
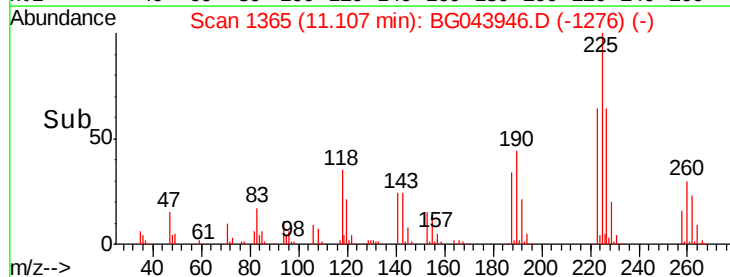


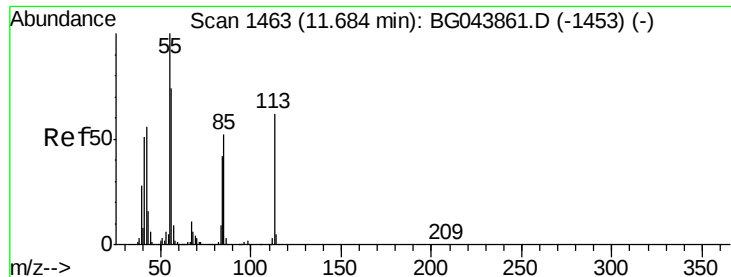
#34
Hexachlorobutadiene
Concen: 39.457 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:	225	Resp:	237329
Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.2	78.4
227	64.4	52.1	78.1



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





#35

Caprolactam

Concen: 41.592 ng

RT: 11.68 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

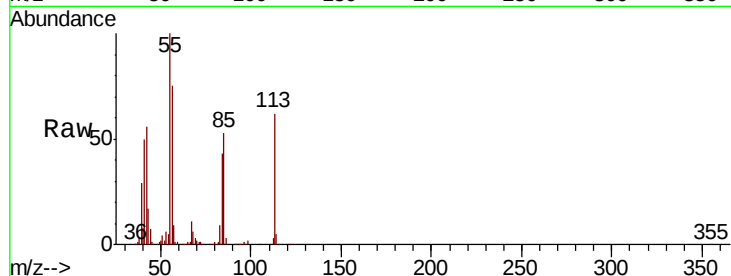
Tot Ion:113 Resp: 136041

Ion Ratio Lower Upper

113 100

55 161.2 142.5 182.5

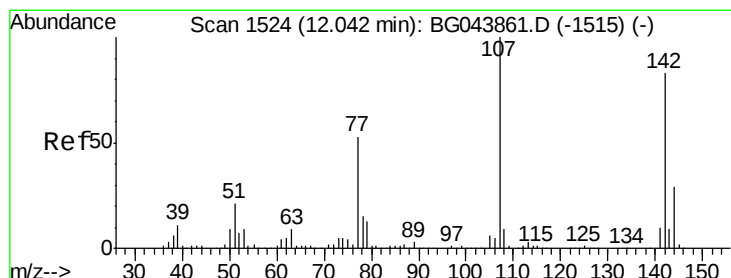
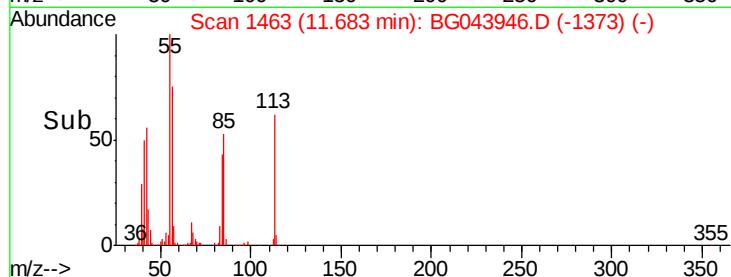
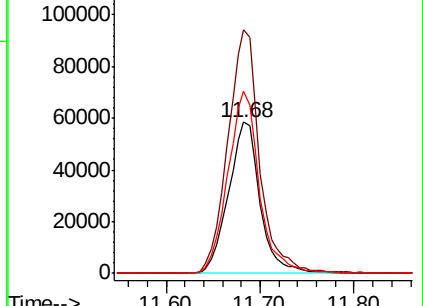
56 120.8 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.790 ng

RT: 12.04 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

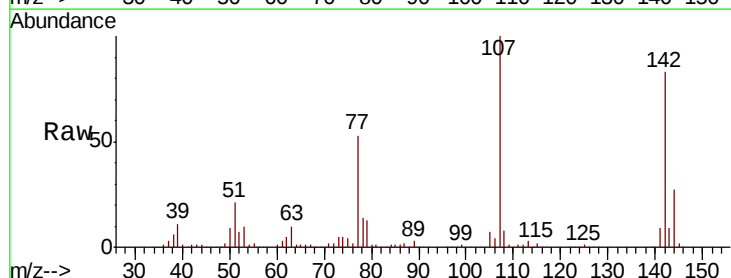
Tgt Ion:107 Resp: 390879

Ion Ratio Lower Upper

107 100

144 27.0 23.4 35.2

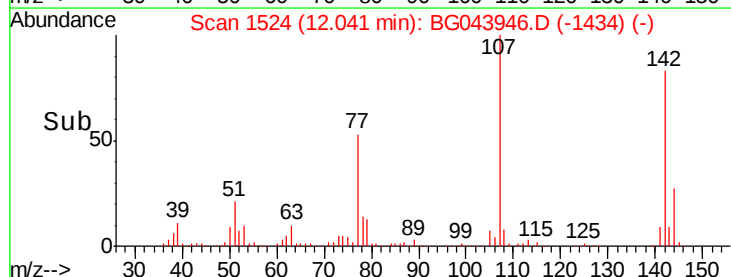
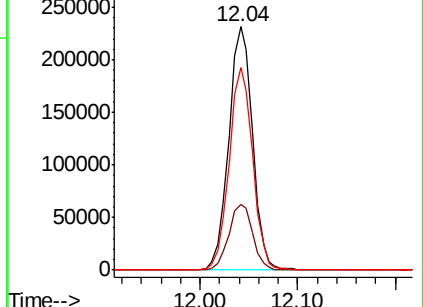
142 83.3 66.3 99.5

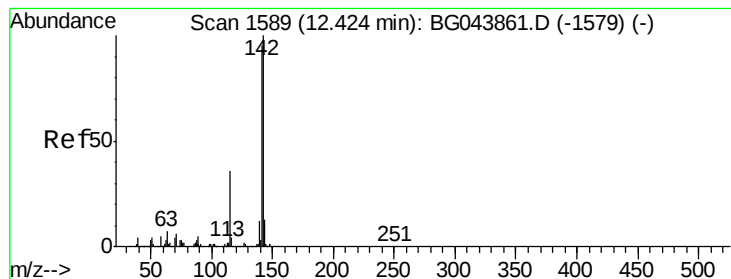


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.802 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

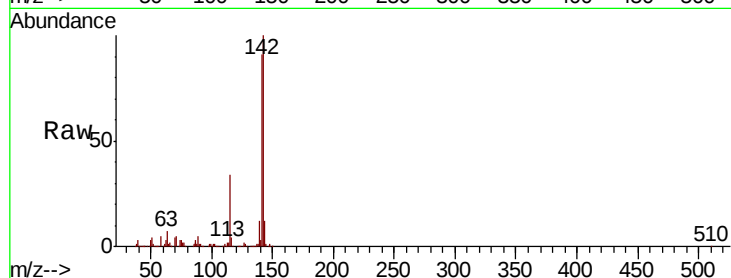
Tot Ion:142 Resp: 830419

Ion Ratio Lower Upper

142 100

141 91.4 75.8 113.8

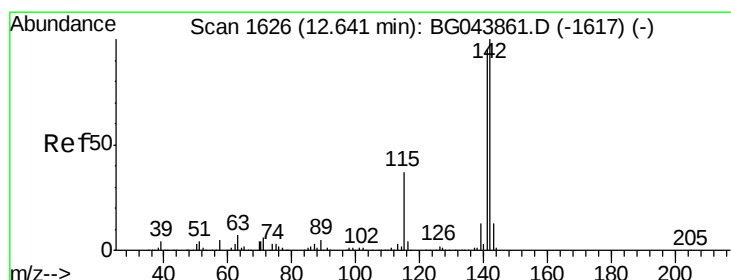
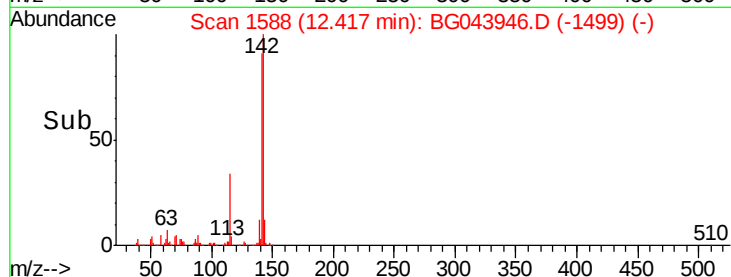
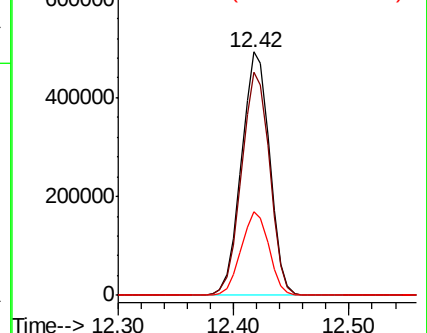
115 34.2 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.942 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

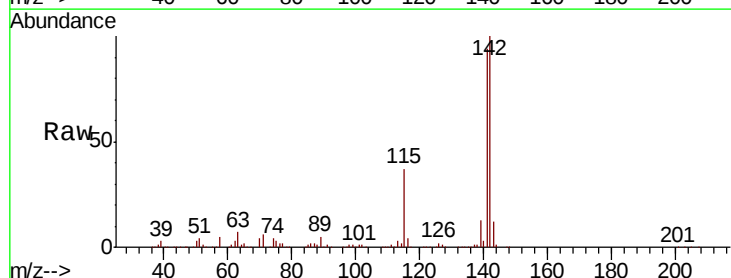
Tgt Ion:142 Resp: 789752

Ion Ratio Lower Upper

142 100

141 93.8 76.0 114.0

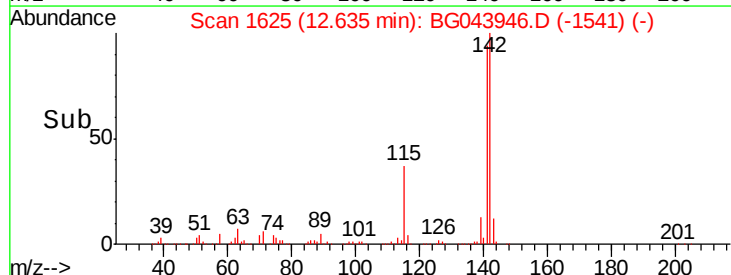
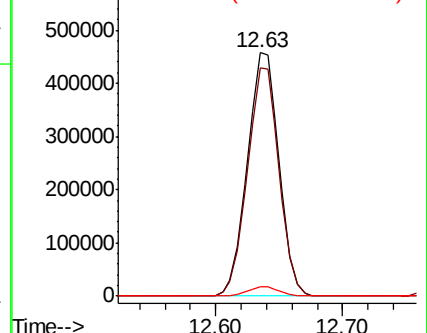
116 3.8 3.1 4.7

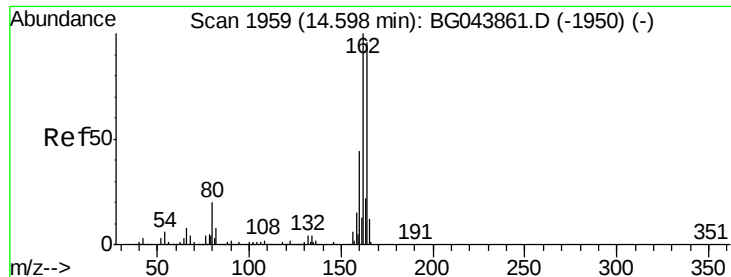


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

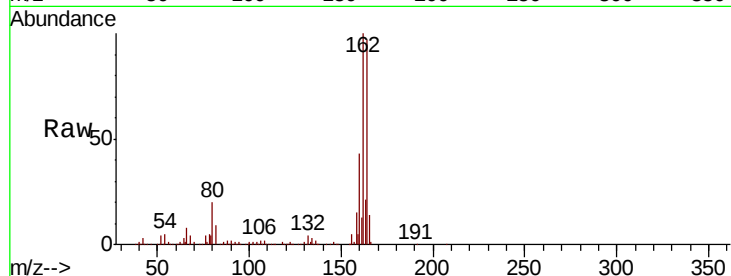
Tot Ion:164 Resp: 373128

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.4

160 44.6 36.1 54.1

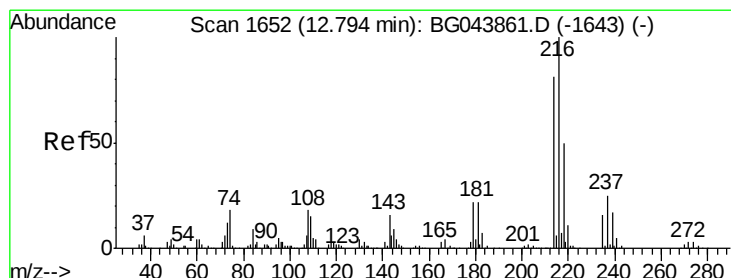
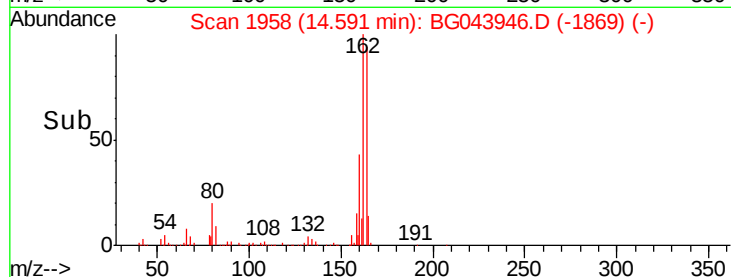
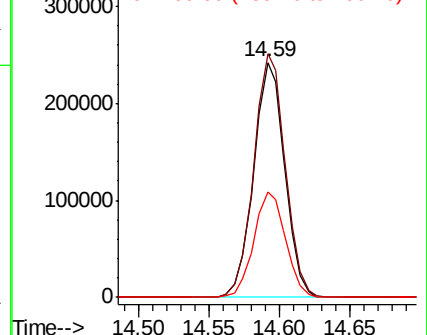


Abundance

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: 38.944 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Tgt Ion:216 Resp: 425904

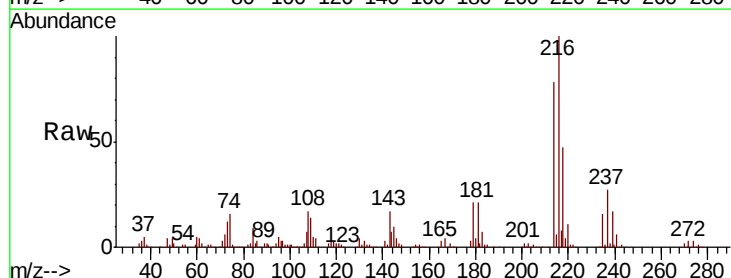
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 21.4 17.3 25.9

108 18.5 15.3 22.9



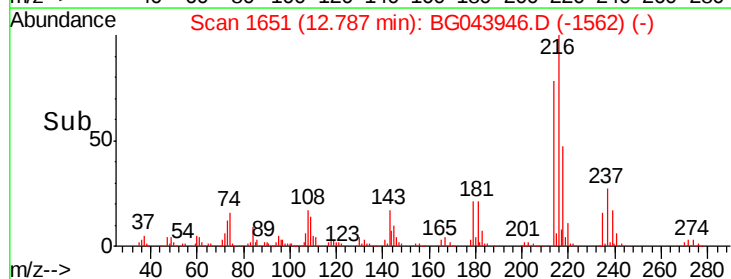
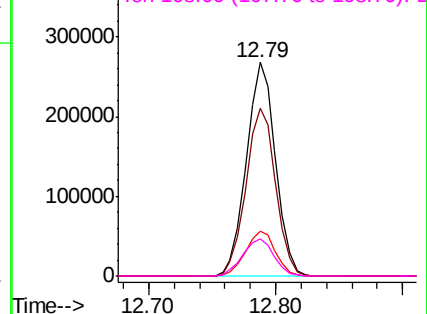
Abundance

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

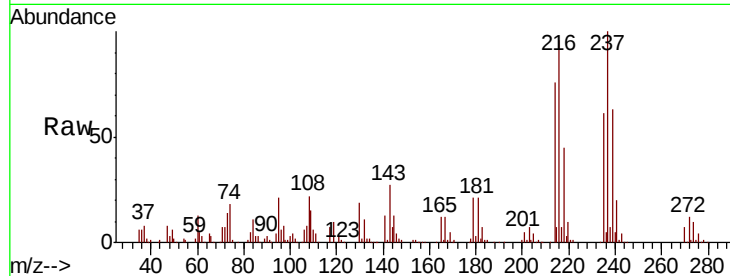




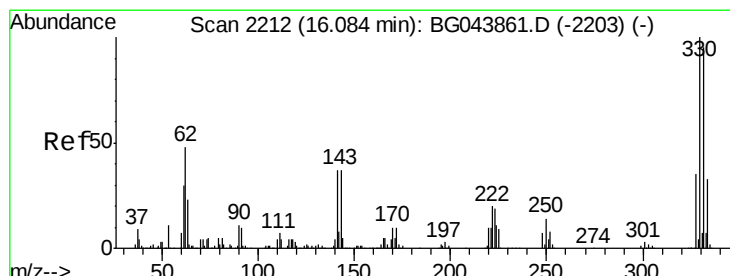
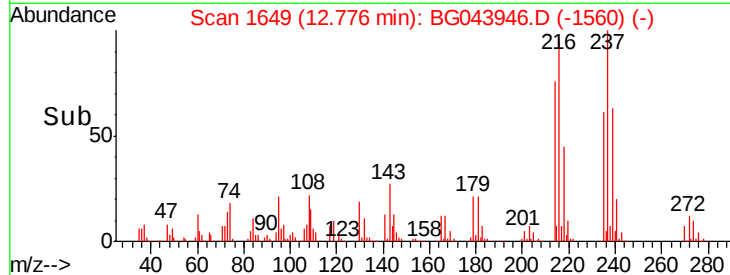
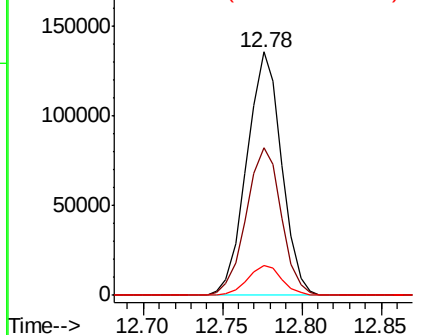
#41
Hexachlorocyclopentadiene
Concen: 36.444 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:237 Resp: 206630
Ion Ratio Lower Upper
237 100
235 60.7 41.1 81.1
272 12.0 0.0 31.7

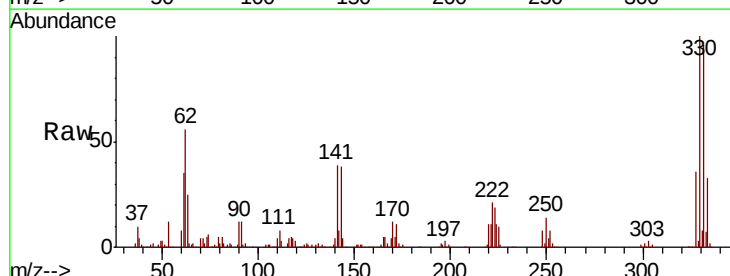


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

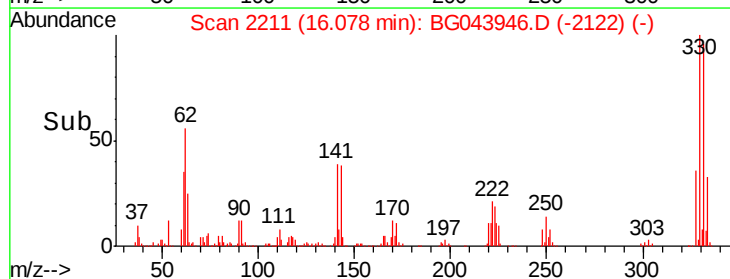
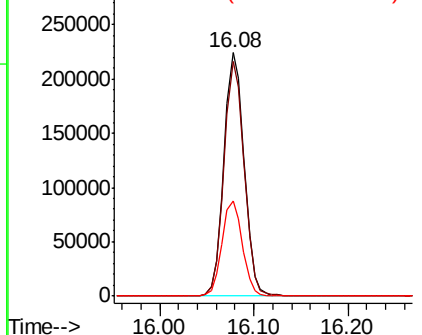


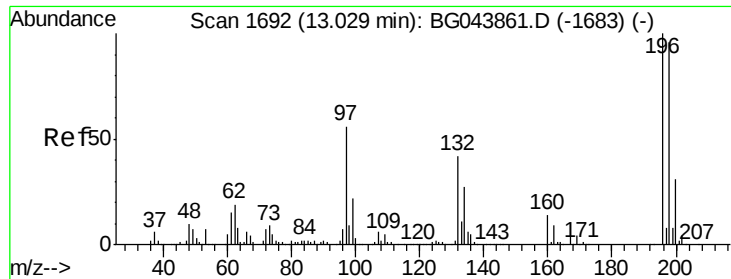
#42
2,4,6-Tribromophenol
Concen: 86.345 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:330 Resp: 337151
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 39.7 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

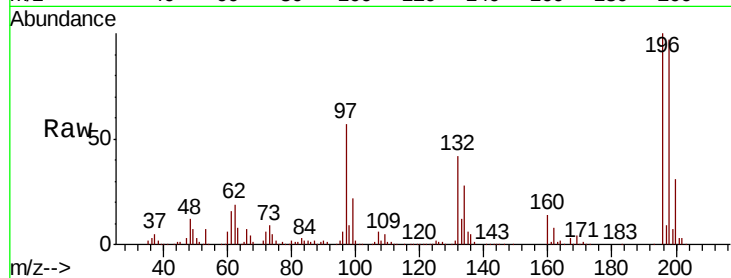




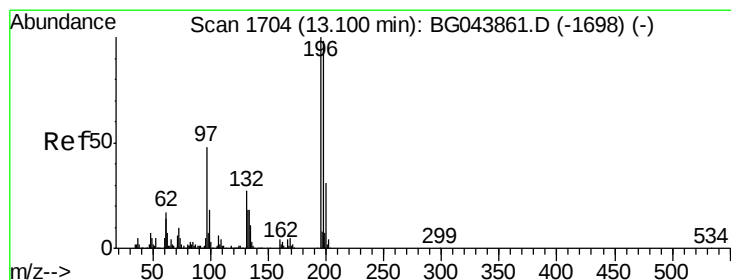
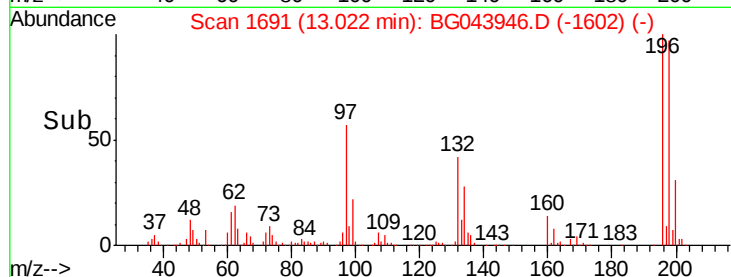
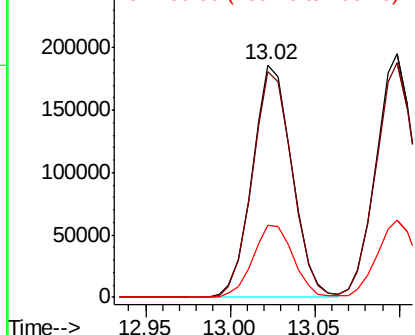
#43
 2,4,6-Trichlorophenol
 Concen: 40.176 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043946.D
 Acq: 7 Jan 2020 00:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 302328
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.6 115.0
 200 30.9 24.6 37.0

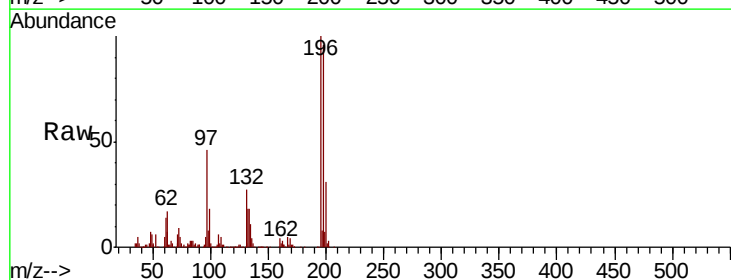


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

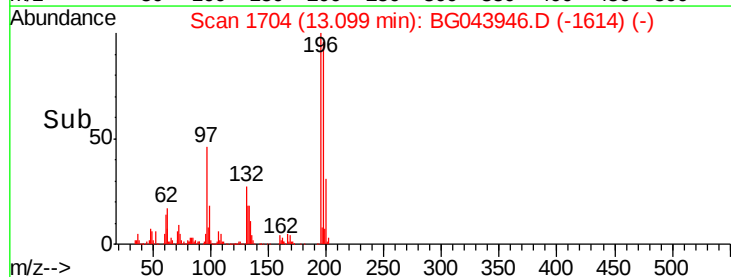
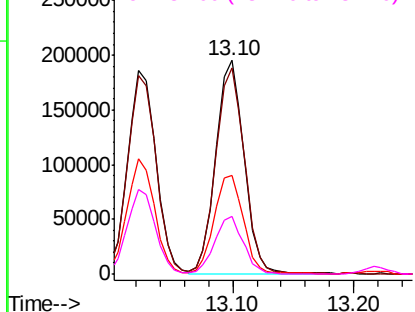


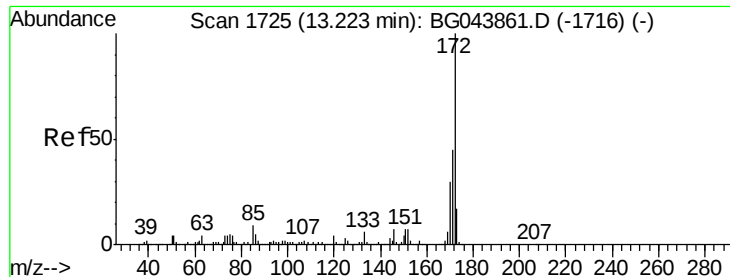
#44
 2,4,5-Trichlorophenol
 Concen: 40.547 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043946.D
 Acq: 7 Jan 2020 00:47

Tgt Ion:196 Resp: 314696
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.3 117.5
 97 46.3 38.8 58.2
 132 26.8 21.3 31.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

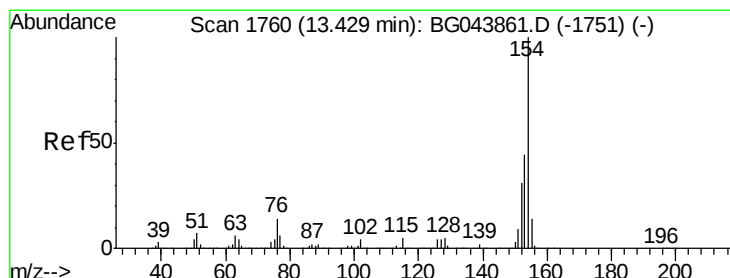
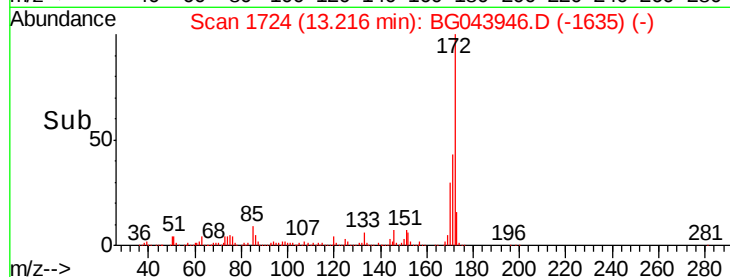
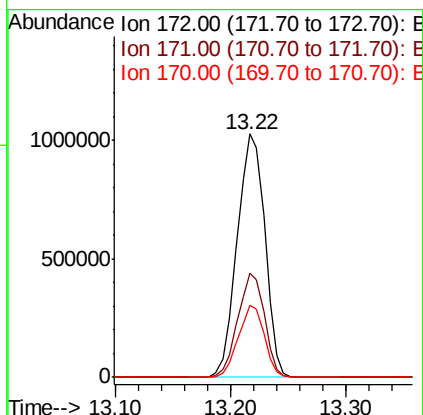
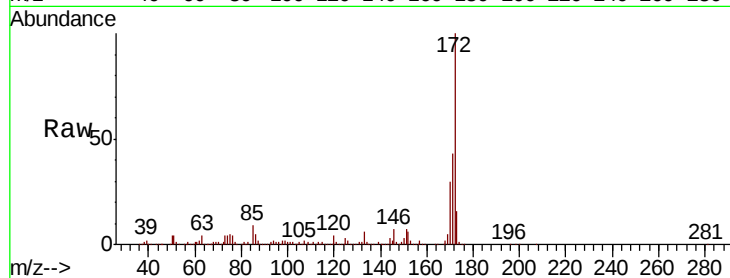




#45
2-Fluorobiphenyl
Concen: 83.070 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

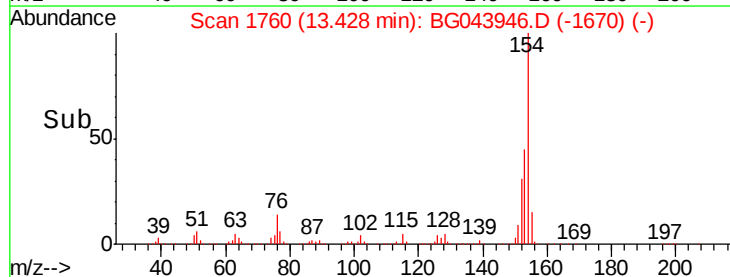
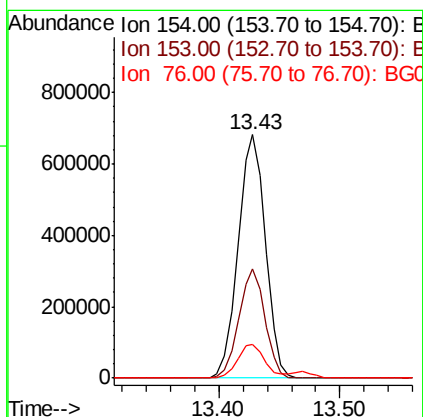
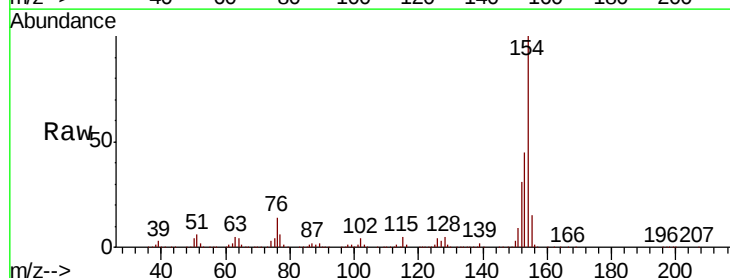
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1710796
Ion Ratio Lower Upper
172 100
171 43.0 35.8 53.8
170 29.5 24.2 36.4



#46
1,1'-Biphenyl
Concen: 40.081 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:154 Resp: 1072284
Ion Ratio Lower Upper
154 100
153 44.7 23.6 63.6
76 13.8 0.0 34.4

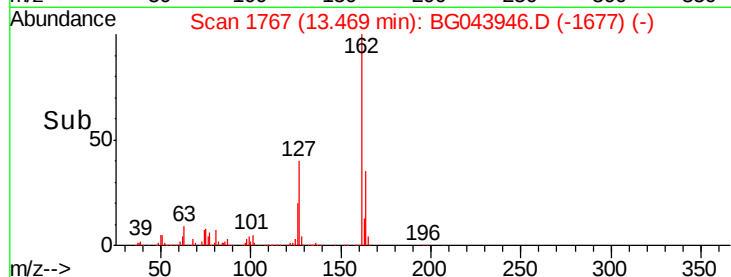
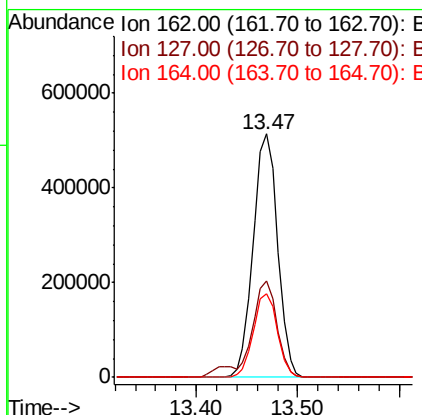
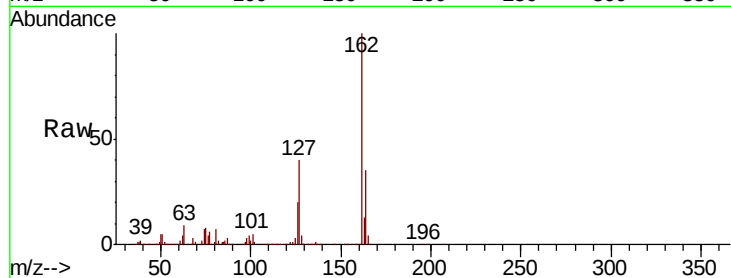




#47
2-Chloronaphthalene
Concen: 39.825 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

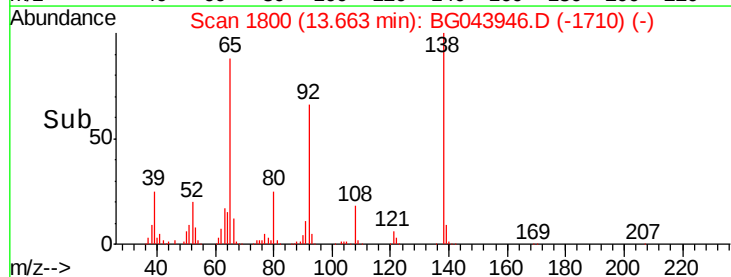
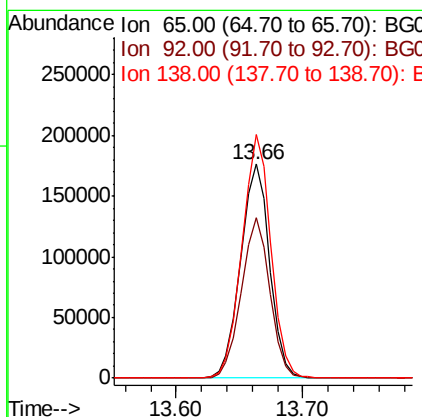
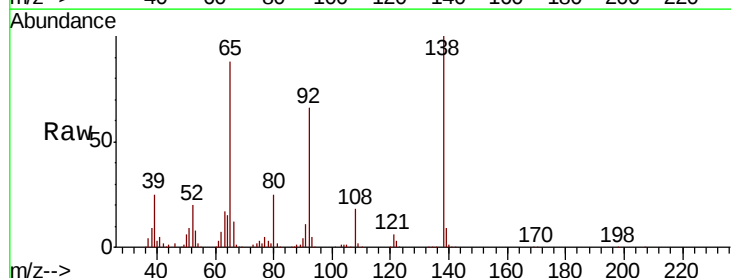
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.1	48.1
164	34.6	27.5	41.3



#48
2-Nitroaniline
Concen: 40.255 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	57.4	86.2
138	113.8	88.2	132.4





#49

Acenaphthylene

Concen: 40.904 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

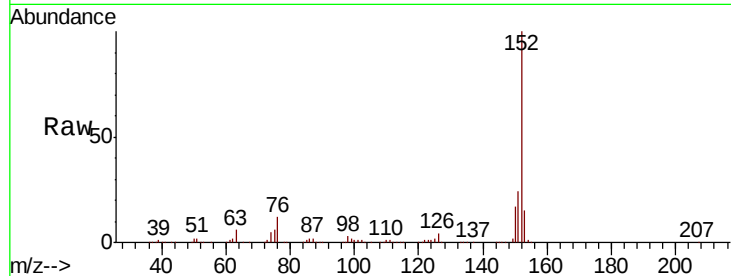
Tot Ion:152 Resp: 1270941

Ion Ratio Lower Upper

152 100

151 24.1 19.4 29.2

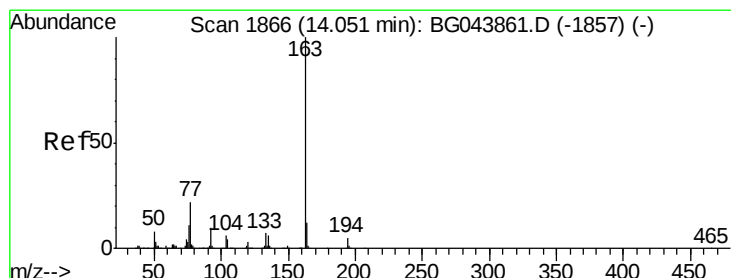
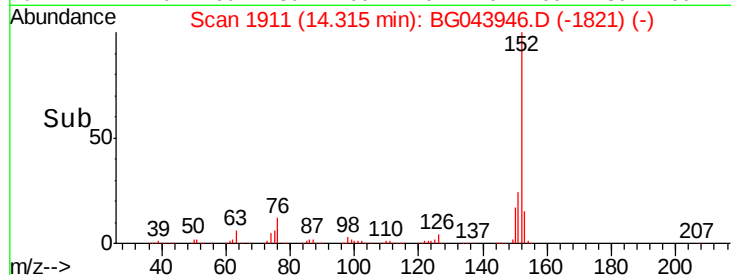
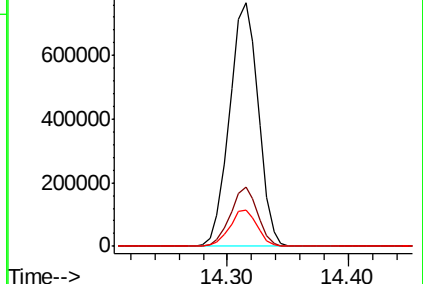
153 15.1 12.0 18.0



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: 40.946 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

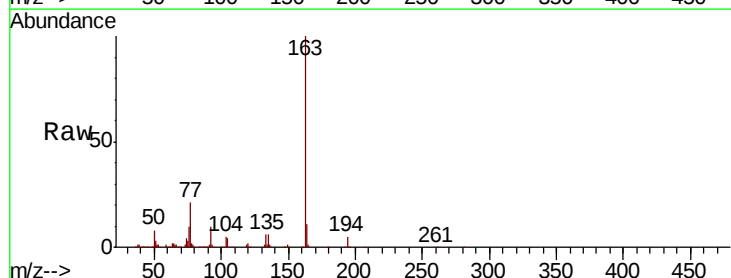
Tgt Ion:163 Resp: 1084813

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

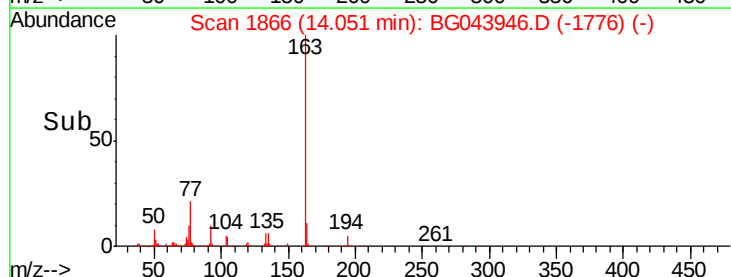
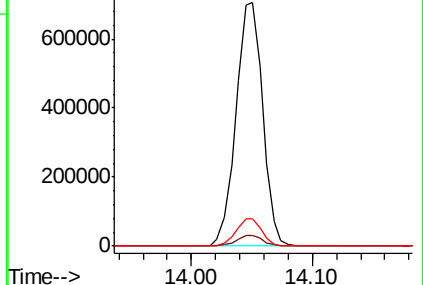
164 11.3 9.3 13.9



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: 41.033 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

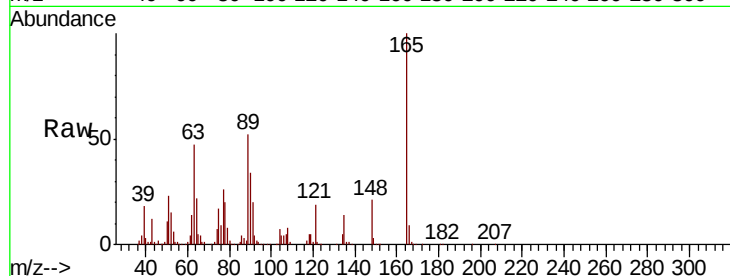
Tot Ion:165 Resp: 245710

Ion Ratio Lower Upper

165 100

63 47.3 43.1 64.7

89 52.3 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

200000

150000

100000

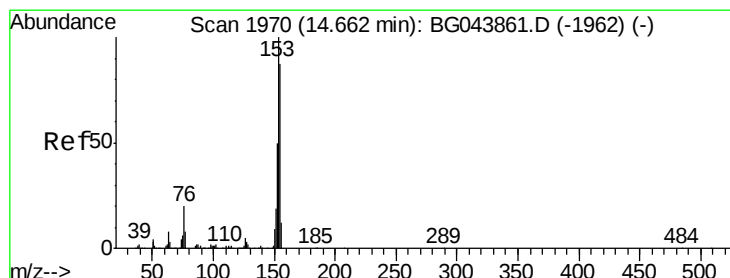
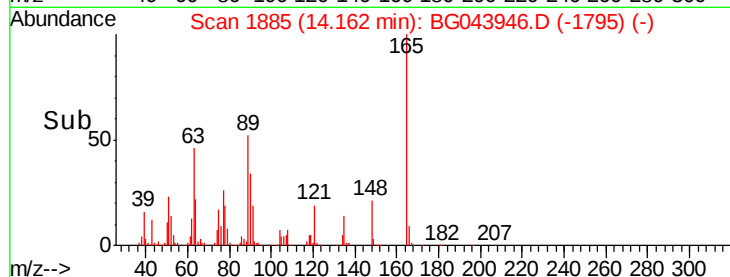
50000

0

14.10 14.15 14.20

14.16

Time-->



#52

Acenaphthene

Concen: 40.277 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

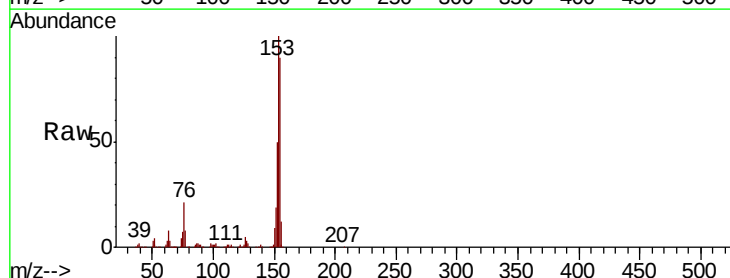
Tgt Ion:154 Resp: 877639

Ion Ratio Lower Upper

154 100

153 110.8 91.6 137.4

152 55.2 45.4 68.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

800000

600000

400000

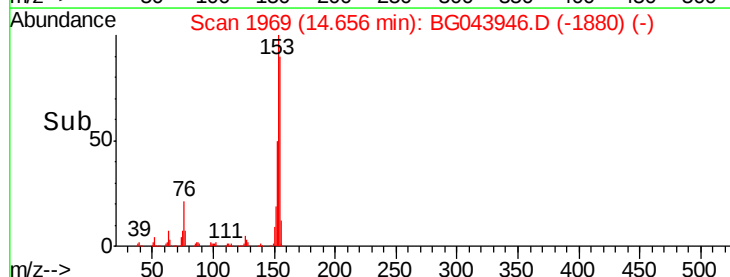
200000

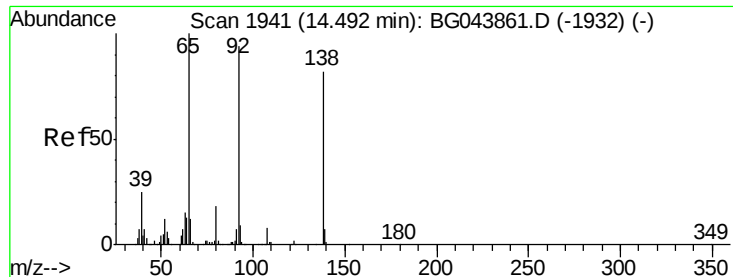
0

14.60 14.65 14.70 14.80

14.66

Time-->

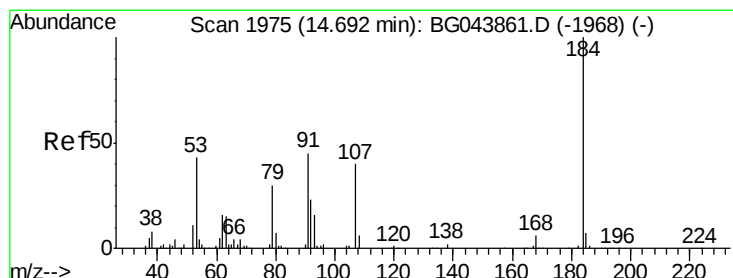
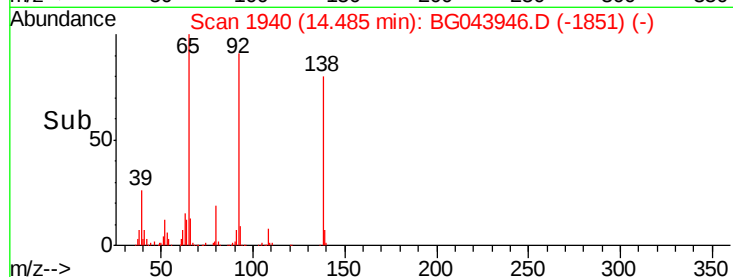
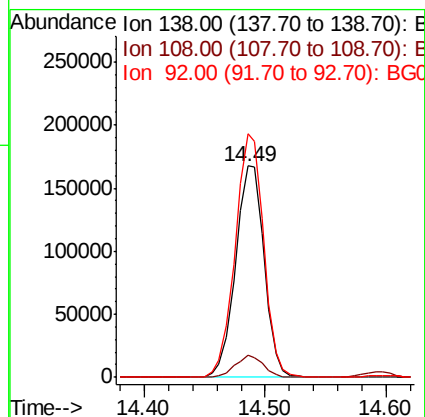
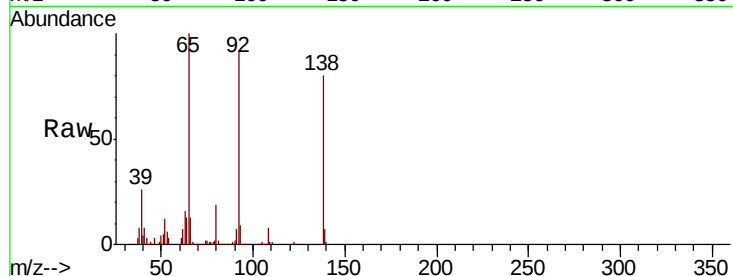




#53
3-Nitroaniline
Concen: 40.816 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

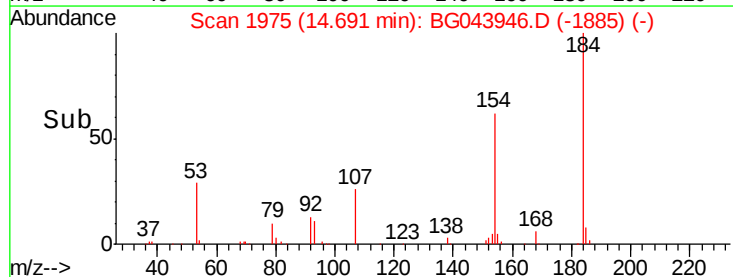
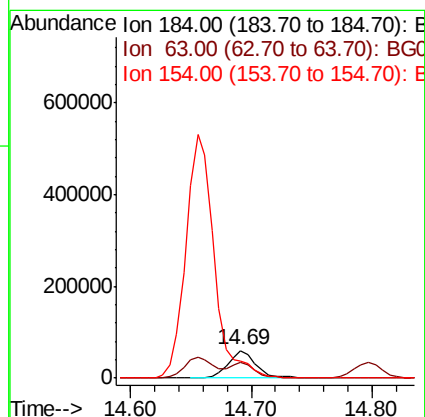
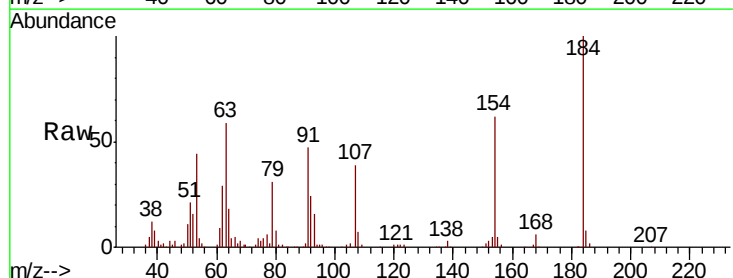
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

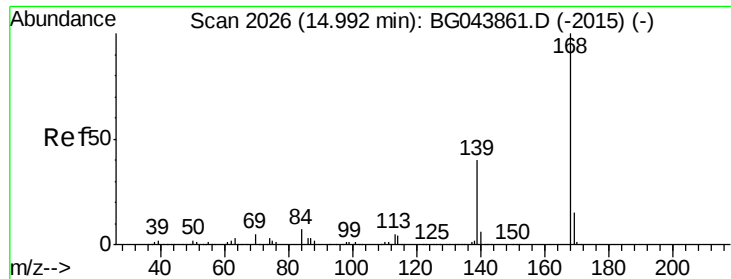
Tot Ion:138 Resp: 277554
Ion Ratio Lower Upper
138 100
108 10.4 7.4 11.2
92 115.1 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 34.938 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:184 Resp: 96471
Ion Ratio Lower Upper
184 100
63 59.1 46.6 70.0
154 62.1 50.2 75.4

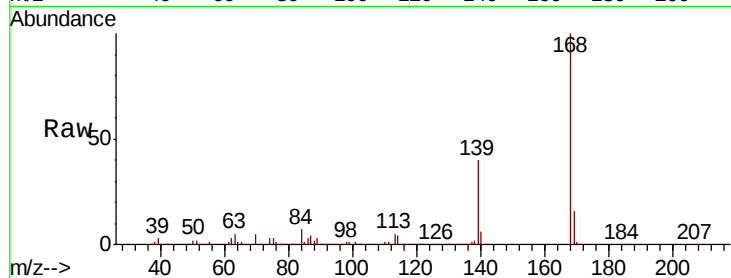




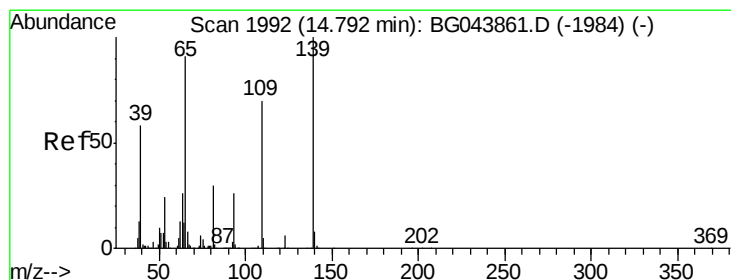
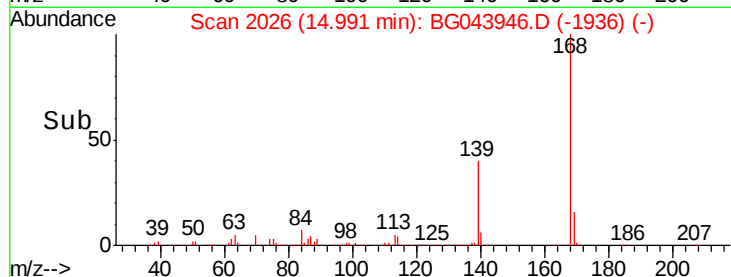
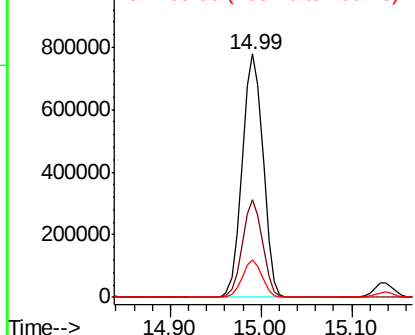
#55
Dibenzofuran
Concen: 41.391 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 1241565
Ion Ratio Lower Upper
168 100
139 40.4 32.2 48.2
169 15.6 12.2 18.2

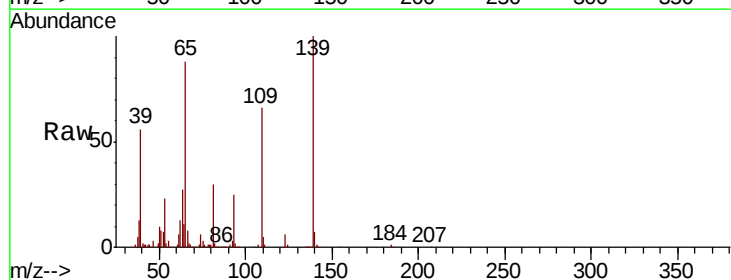


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

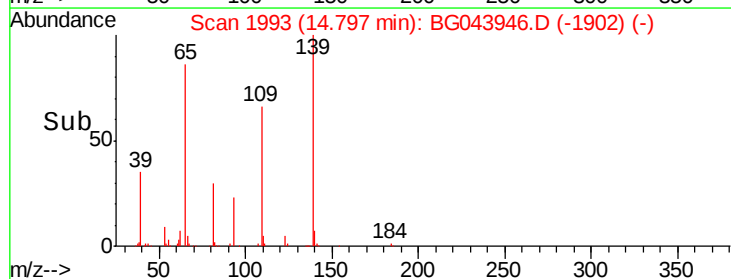
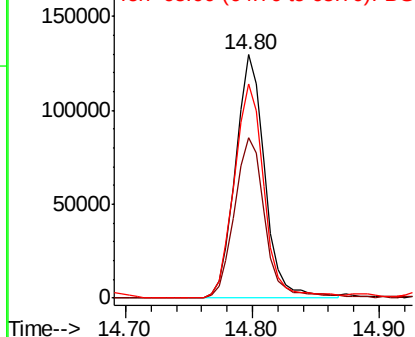


#56
4-Nitrophenol
Concen: 39.967 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:139 Resp: 208265
Ion Ratio Lower Upper
139 100
109 66.1 50.4 90.4
65 88.1 71.4 111.4



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

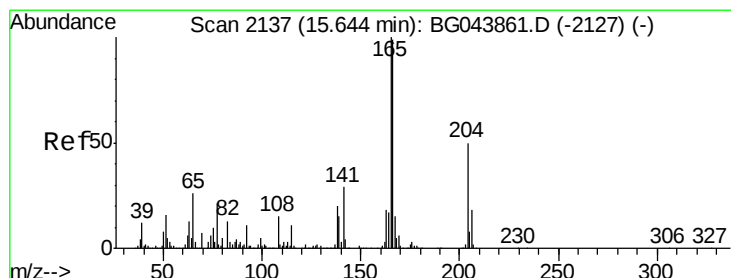
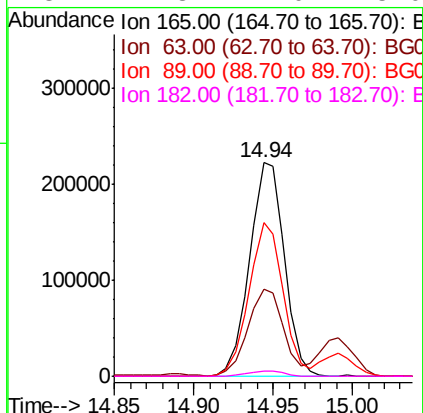
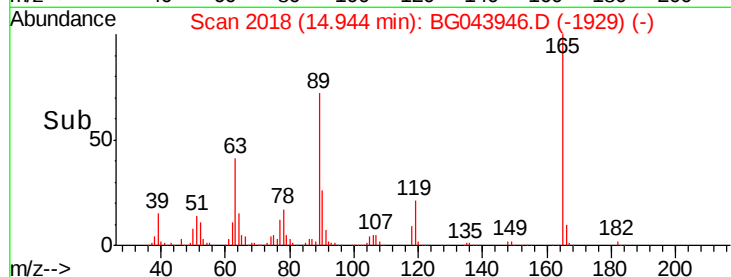
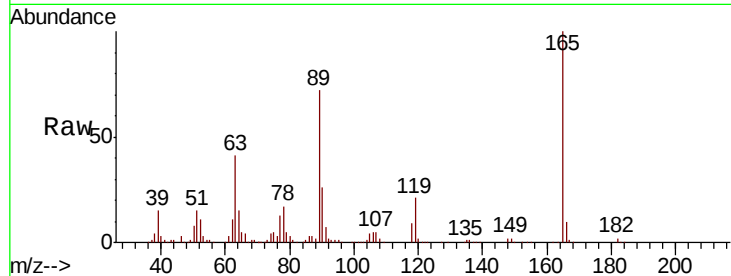




#57
2,4-Dinitrotoluene
Concen: 41.786 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

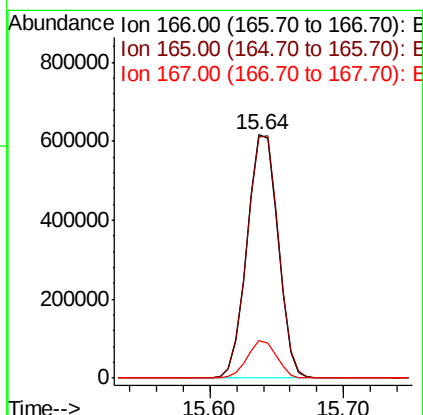
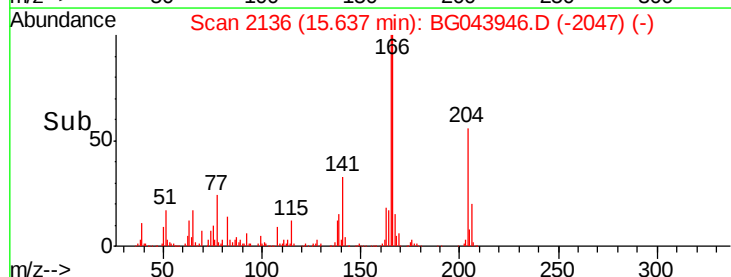
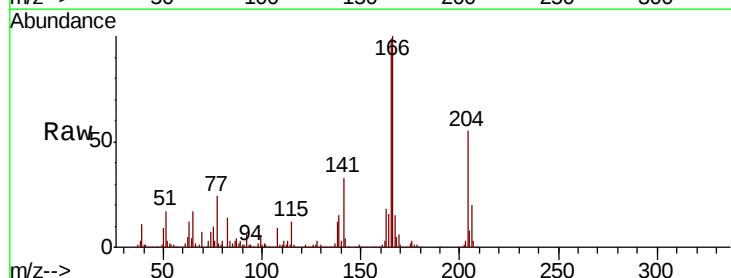
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

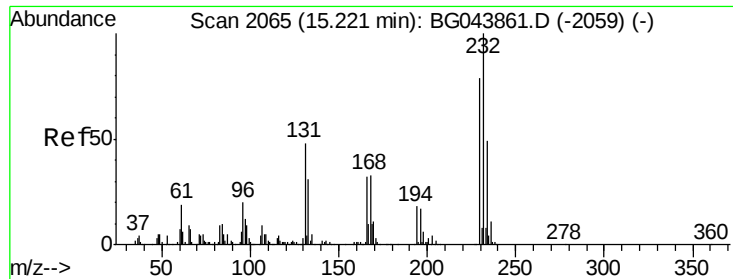
Tot Ion:165 Resp: 340473
Ion Ratio Lower Upper
165 100
63 40.8 31.9 47.9
89 72.0 53.8 80.6
182 2.3 2.0 3.0



#58
Fluorene
Concen: 41.304 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:166 Resp: 982002
Ion Ratio Lower Upper
166 100
165 99.2 80.8 121.2
167 15.4 12.1 18.1

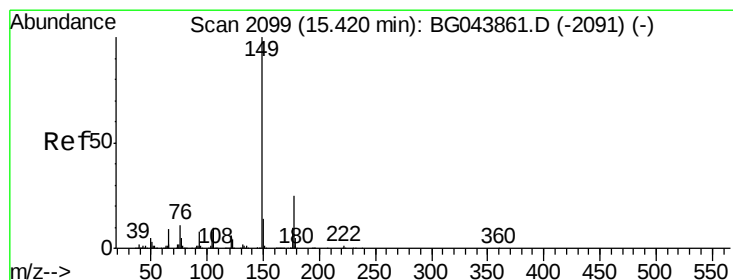
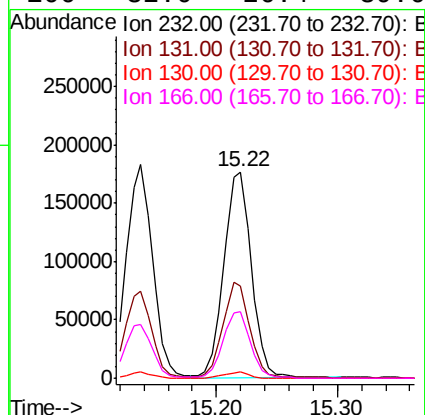
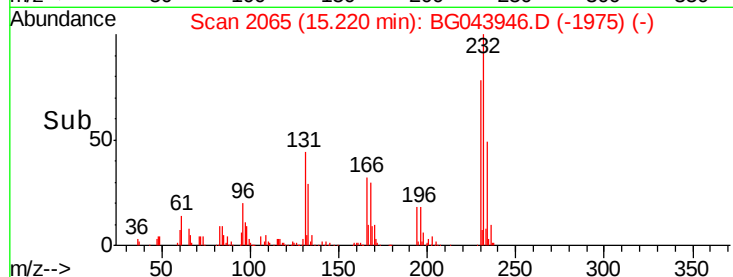
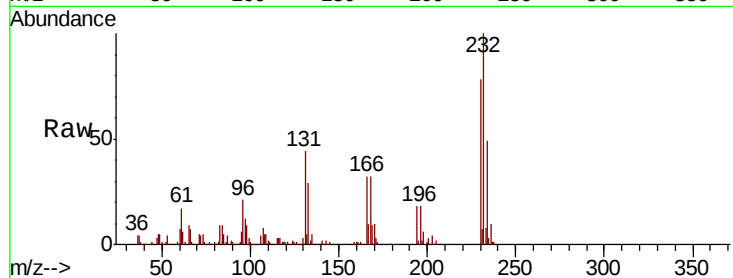




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.768 ng
RT: 15.22 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

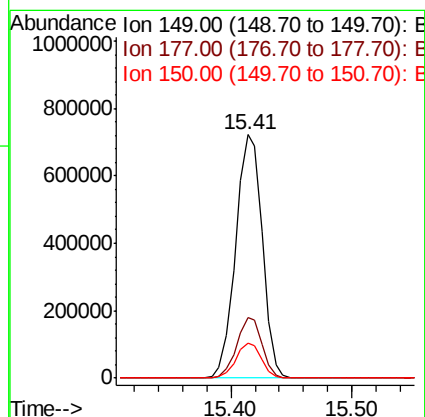
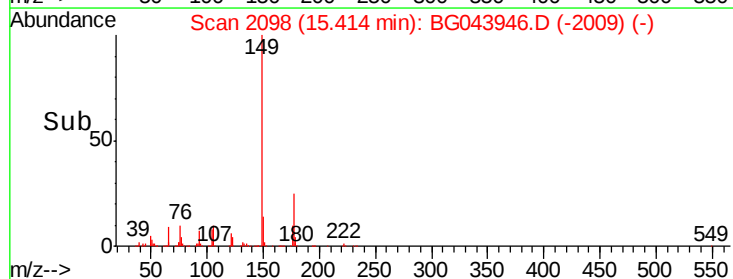
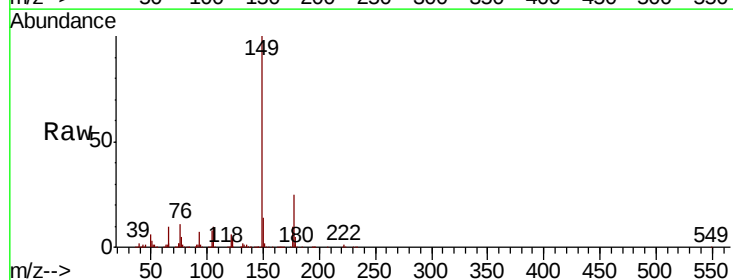
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

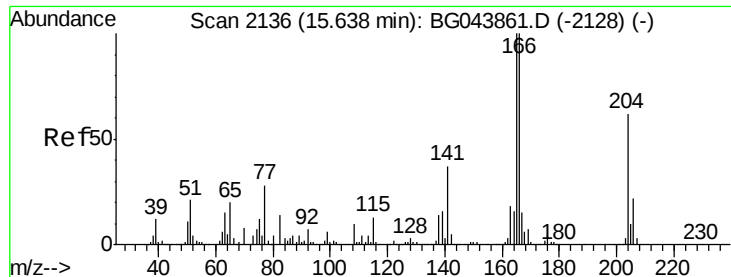
Tot Ion:232 Resp: 278753
Ion Ratio Lower Upper
232 100
131 45.4 38.2 57.2
130 2.7 2.2 3.2
166 32.0 26.4 39.6



#60
Diethylphthalate
Concen: 41.754 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:149 Resp: 1106422
Ion Ratio Lower Upper
149 100
177 24.6 20.0 30.0
150 14.1 11.1 16.7

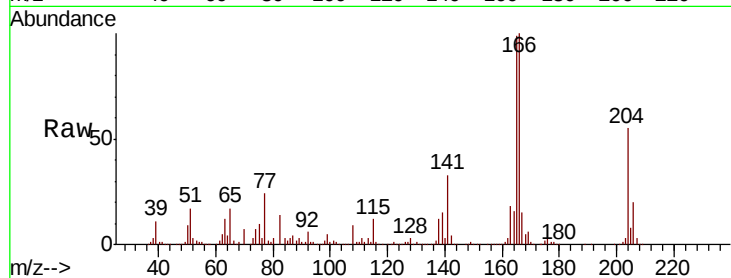




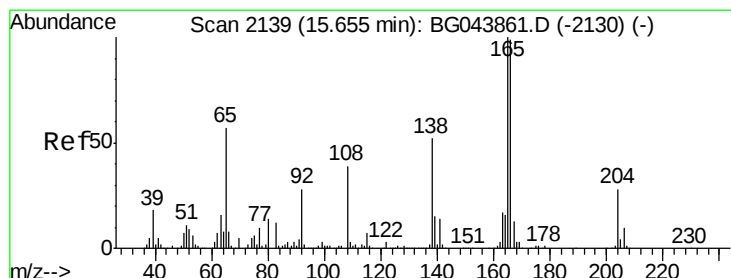
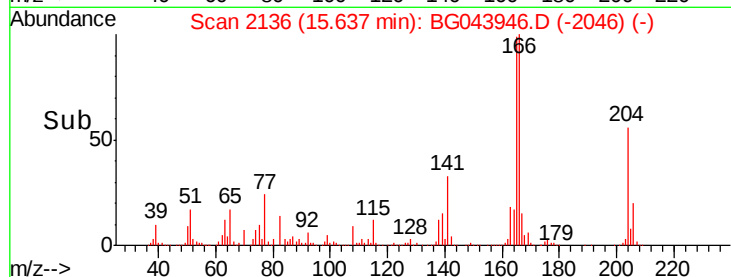
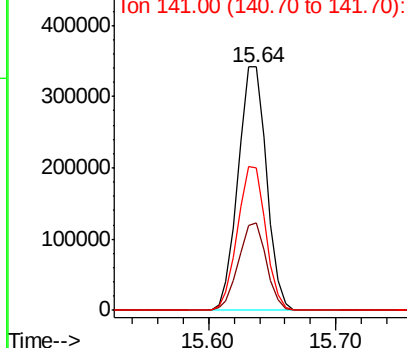
#61
4-Chlorophenyl-phenylether
Concen: 41.047 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 529914
Ion Ratio Lower Upper
204 100
206 36.2 28.2 42.2
141 58.7 48.2 72.2

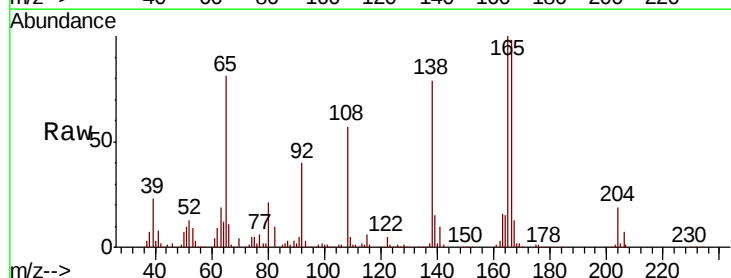


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

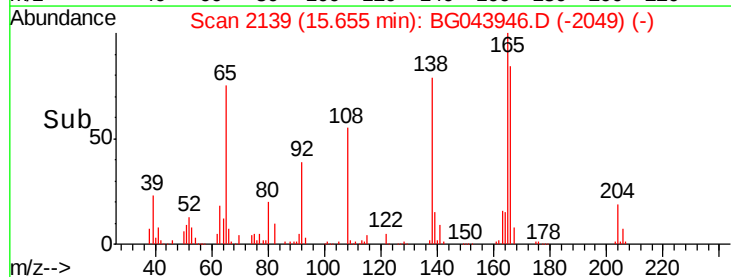
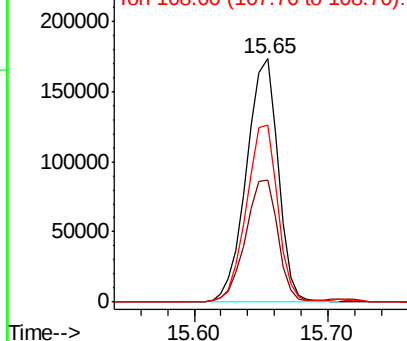


#62
4-Nitroaniline
Concen: 42.205 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:138 Resp: 283418
Ion Ratio Lower Upper
138 100
92 50.1 34.3 74.3
108 72.7 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.181 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

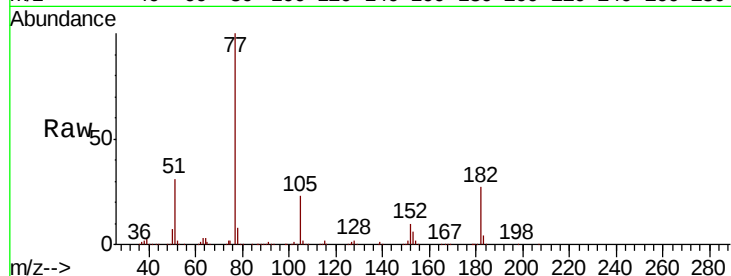
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1012013

Ion	Ratio	Lower	Upper
77	100		
182	26.6	7.3	47.3
105	23.2	3.2	43.2
51	31.3	10.6	50.6

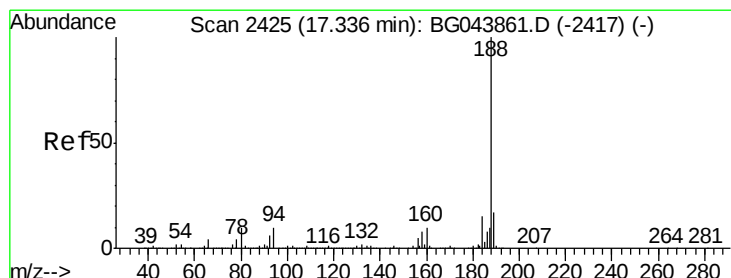
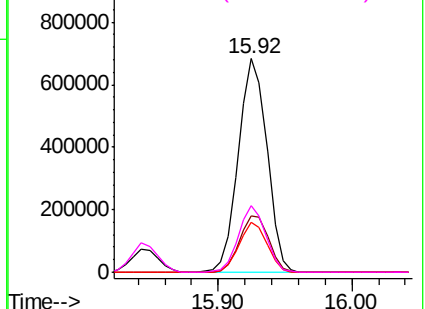
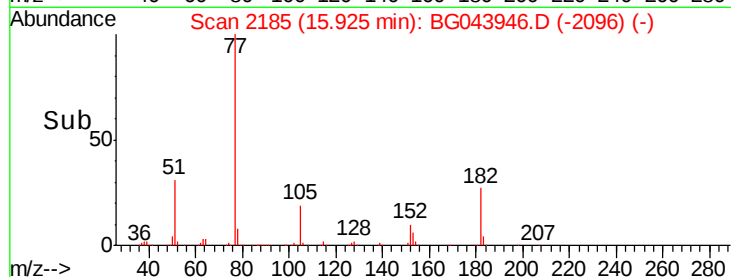


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2425

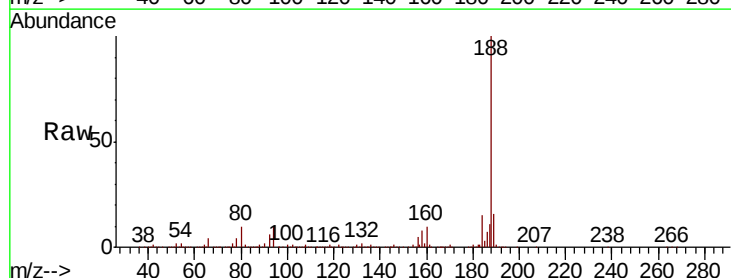
Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Tgt Ion: 188 Resp: 793149

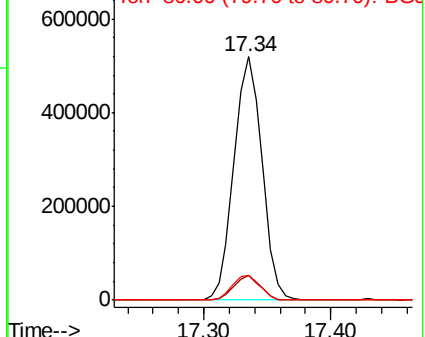
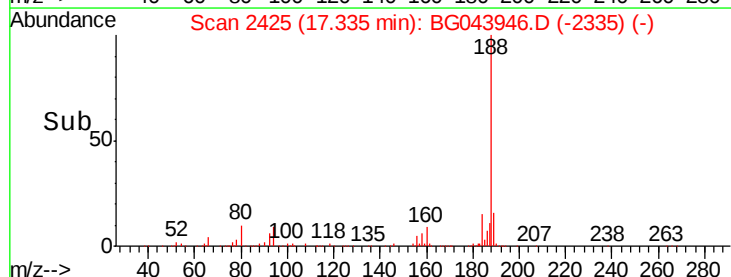
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.9	11.9
80	10.4	8.2	12.4

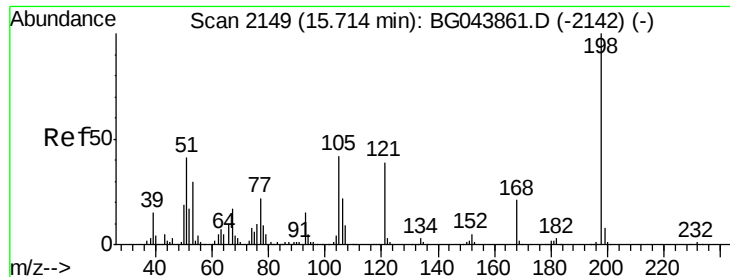


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

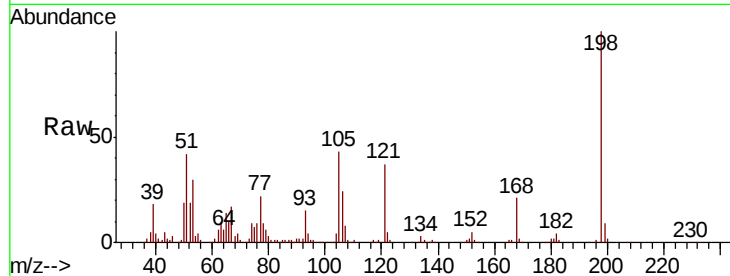




#65
4,6-Dinitro-2-methylphenol
Concen: 38.872 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.4	22.5	62.5
105	43.2	22.3	62.3

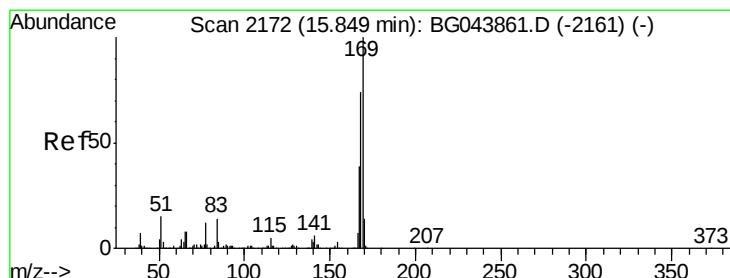
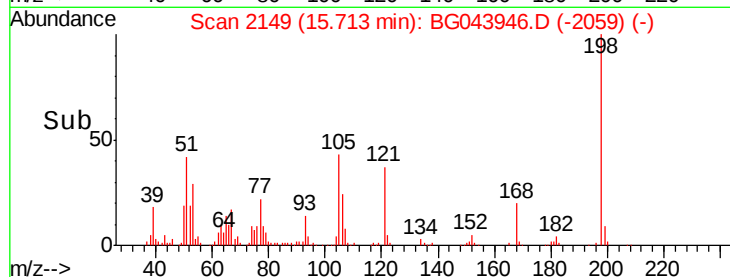
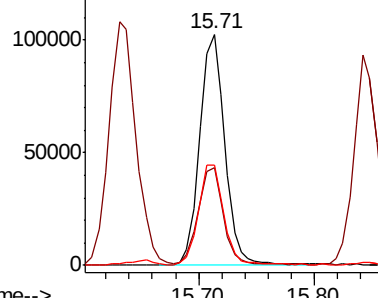


Abundance

Ion 198.00 (197.70 to 198.70): E

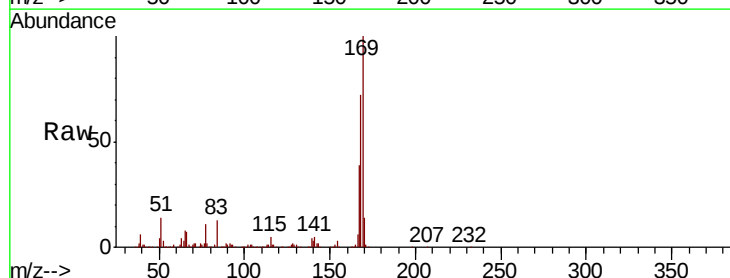
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 39.007 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.5	59.0	88.6
167	39.3	31.4	47.0

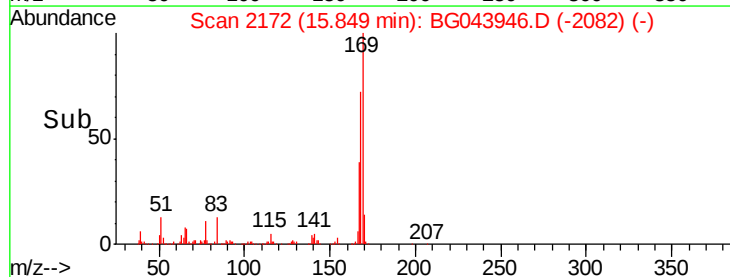
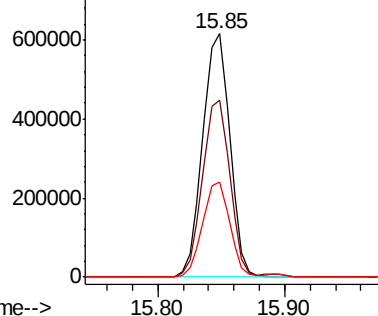


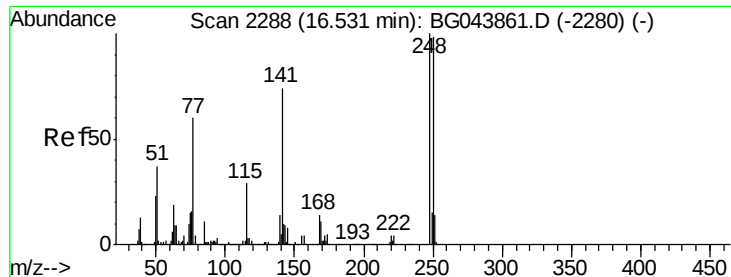
Abundance

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

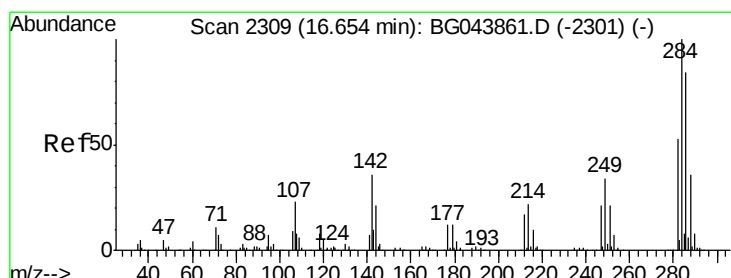
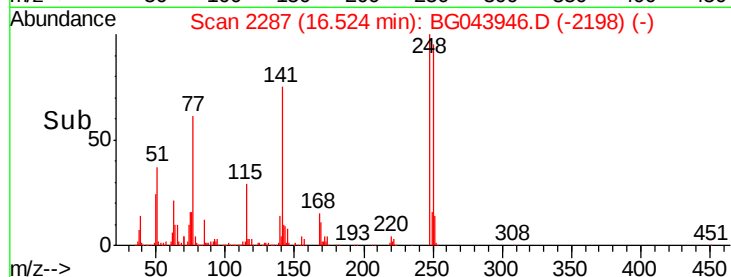
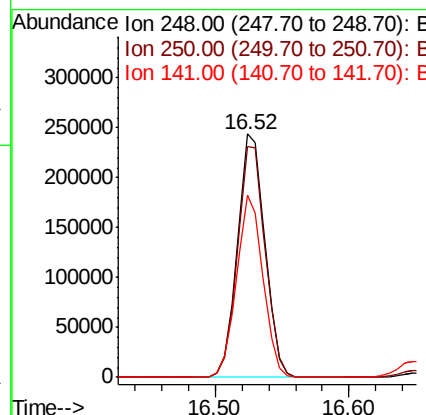
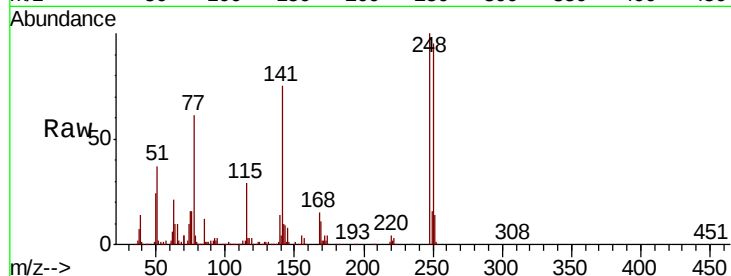




#67
4-Bromophenyl-phenylether
Concen: 39.148 ng
RT: 16.52 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

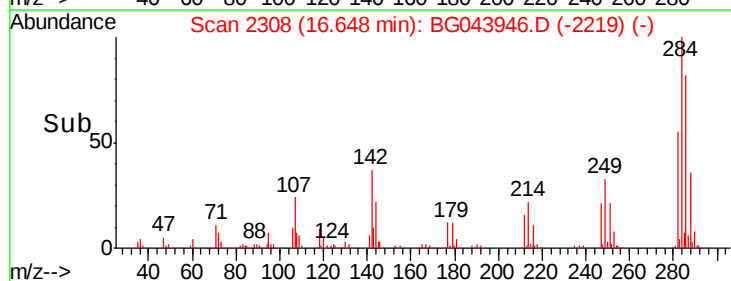
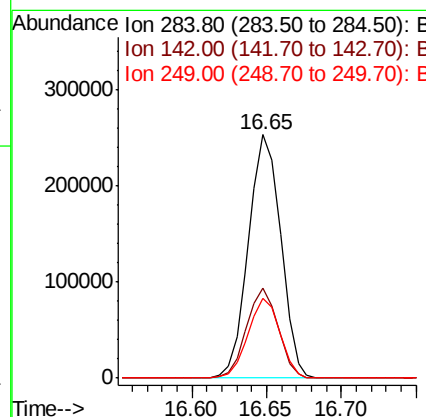
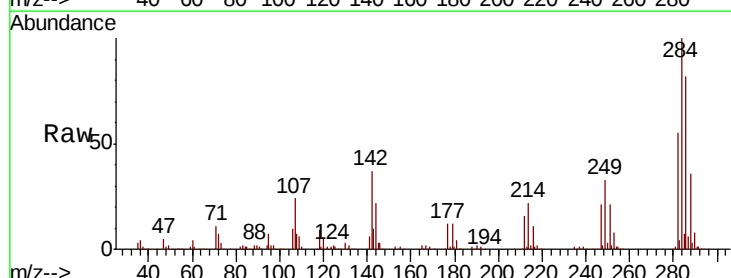
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 349224
Ion Ratio Lower Upper
248 100
250 94.6 78.2 117.2
141 74.7 59.3 88.9



#68
Hexachlorobenzene
Concen: 39.500 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:284 Resp: 379676
Ion Ratio Lower Upper
284 100
142 37.0 28.6 43.0
249 32.6 27.0 40.6





#69

Atrazine

Concen: 39.887 ng

RT: 16.79 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

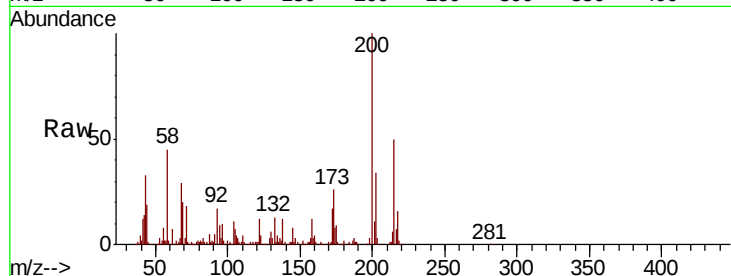
Tot Ion:200 Resp: 302837

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

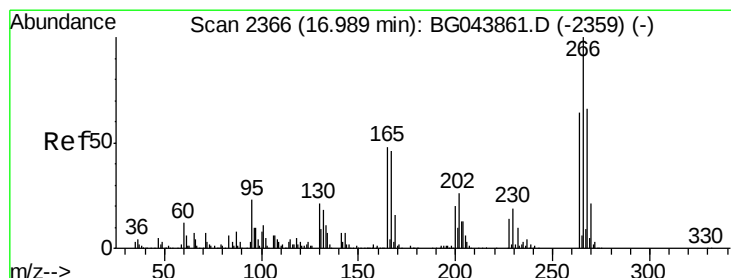
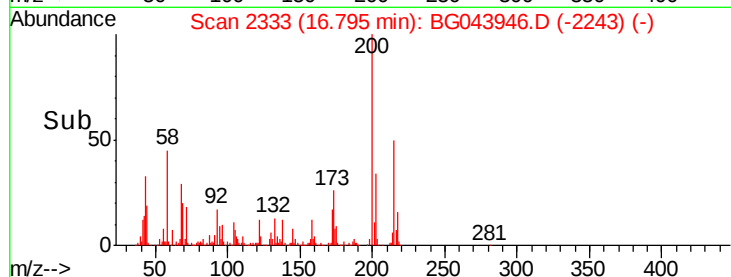
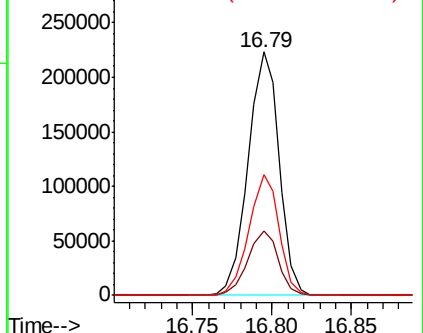
215 49.6 28.6 68.6



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: 36.062 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

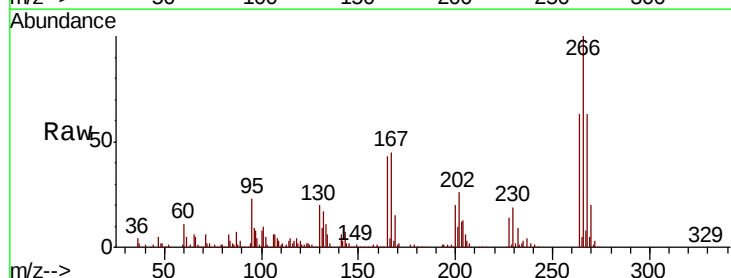
Tgt Ion:266 Resp: 191080

Ion Ratio Lower Upper

266 100

268 62.7 52.6 79.0

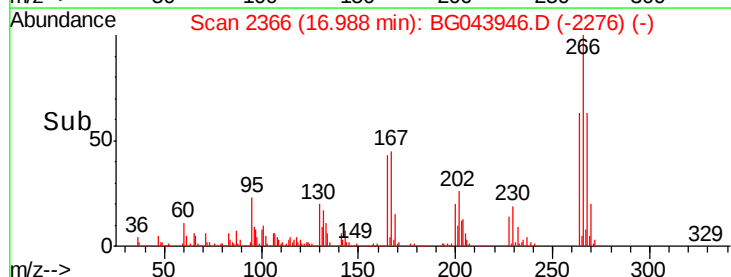
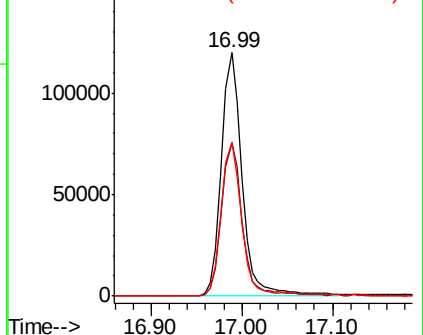
264 63.0 50.8 76.2



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

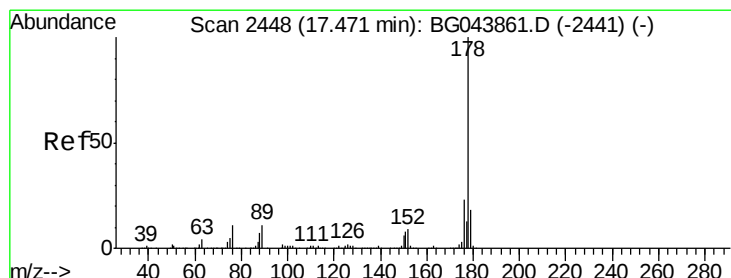
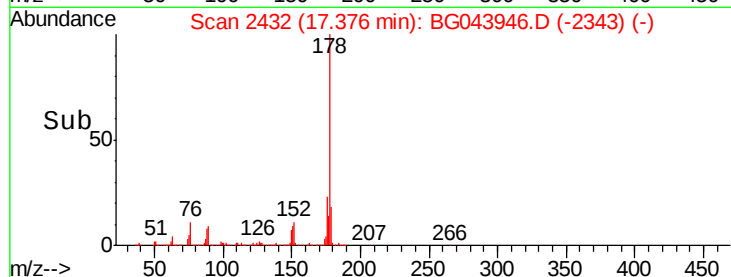
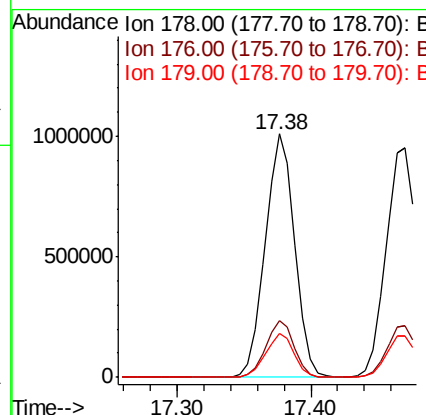
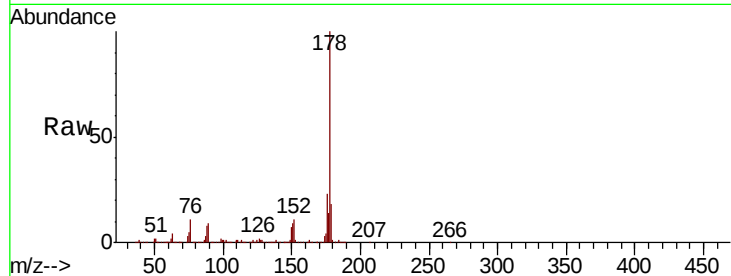




#71
Phenanthrene
Concen: 40.261 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

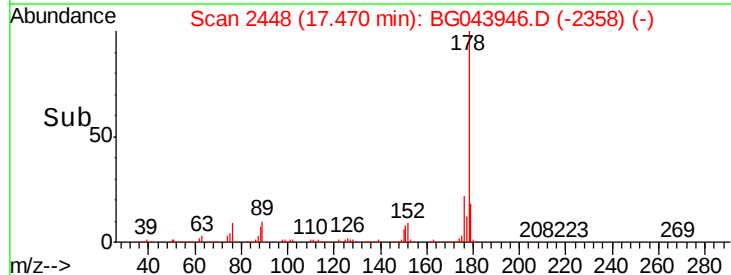
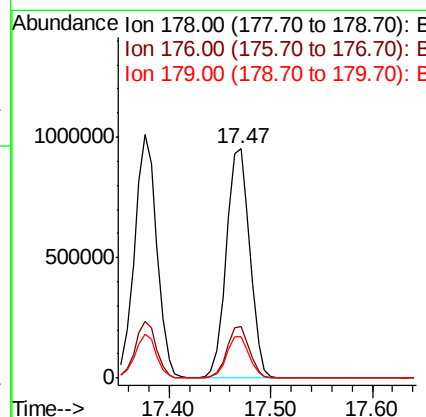
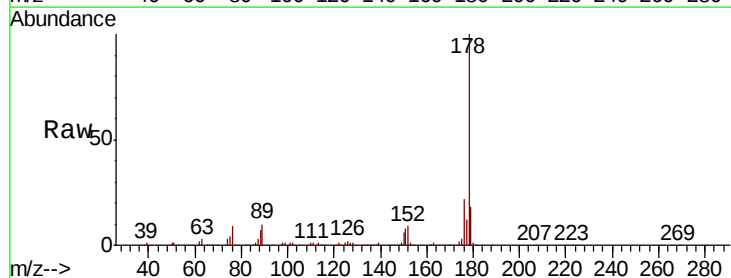
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

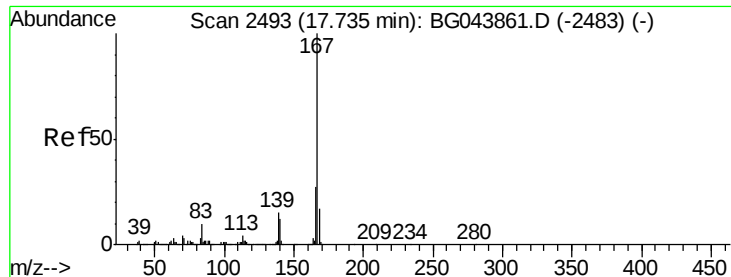
Tot Ion:178 Resp: 1531657
Ion Ratio Lower Upper
178 100
176 23.2 18.6 28.0
179 18.0 14.4 21.6



#72
Anthracene
Concen: 40.686 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:178 Resp: 1529698
Ion Ratio Lower Upper
178 100
176 22.4 18.3 27.5
179 18.0 14.6 22.0





#73

Carbazole

Concen: 40.637 ng

RT: 17.73 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

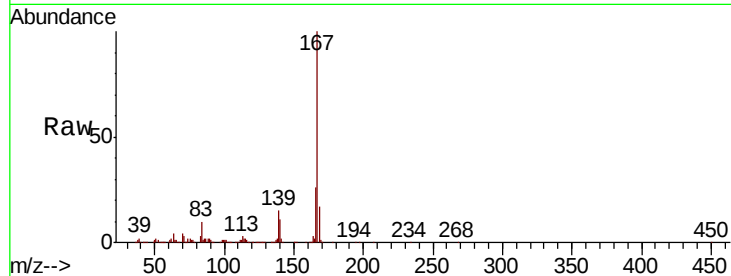
Tot Ion:167 Resp: 1411303

Ion Ratio Lower Upper

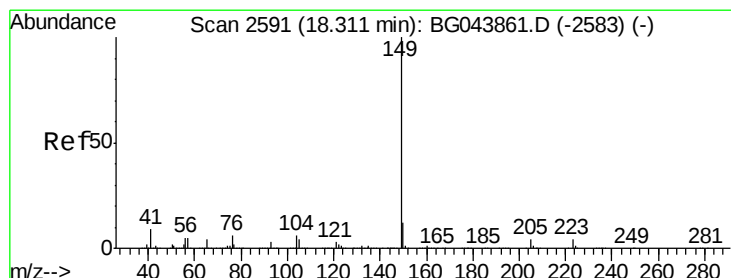
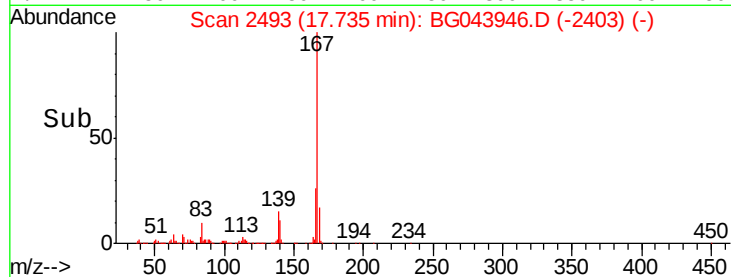
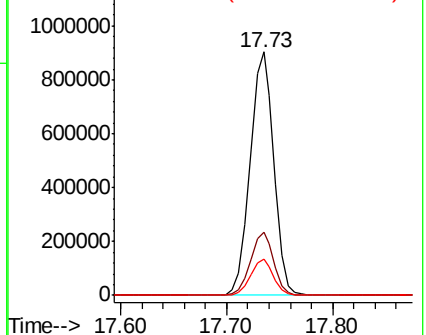
167 100

166 26.1 21.6 32.4

139 14.9 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.048 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

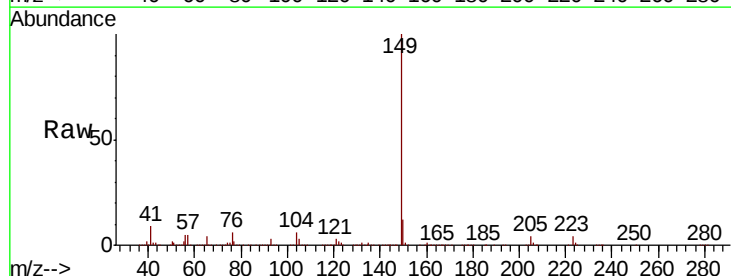
Tgt Ion:149 Resp: 1775783

Ion Ratio Lower Upper

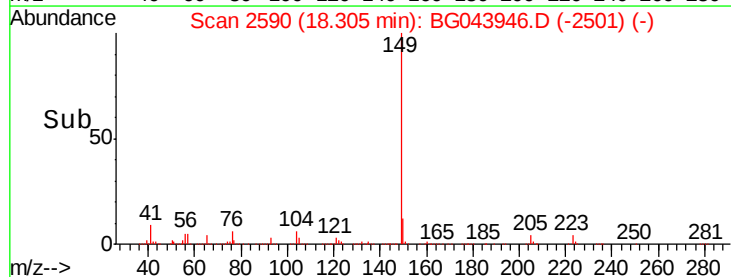
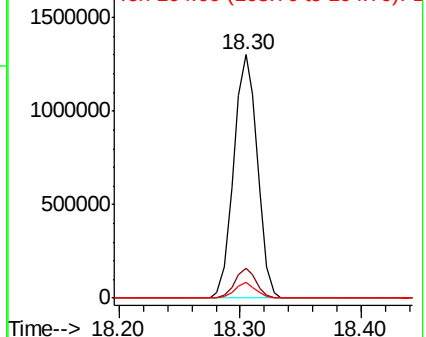
149 100

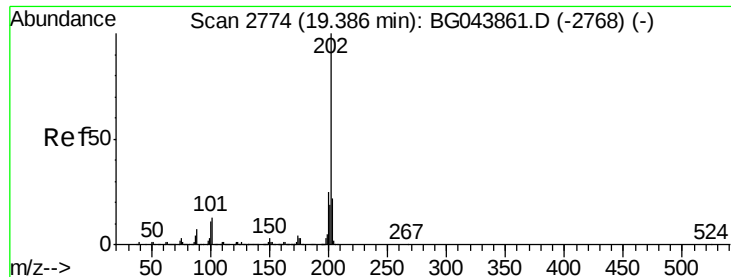
150 12.0 9.7 14.5

104 6.2 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.420 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

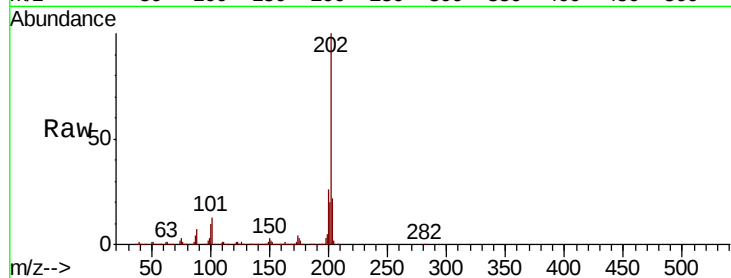
Tot Ion:202 Resp: 1715099

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.3

203 22.0 1.6 41.6

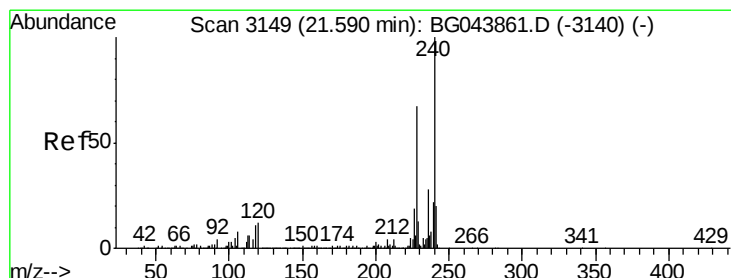
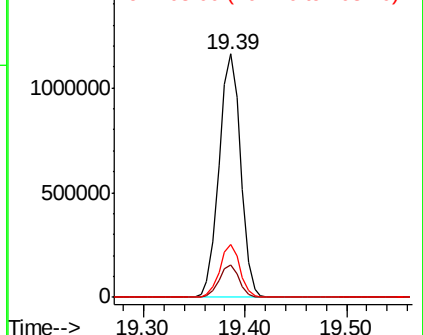
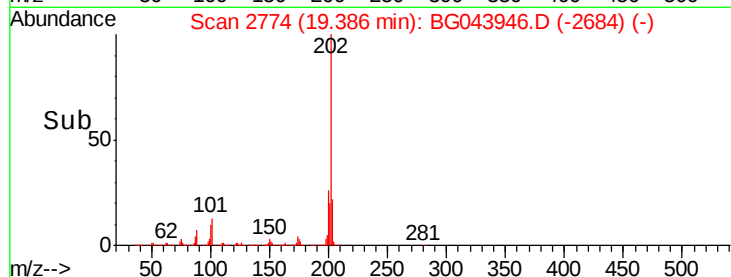


Abundance

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: BG043946.D

Acq: 7 Jan 2020 00:47

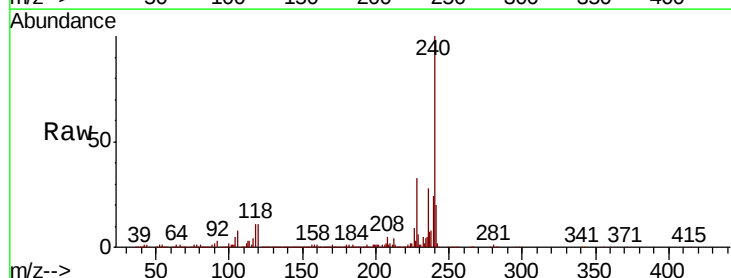
Tgt Ion:240 Resp: 664031

Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

236 27.9 22.2 33.2

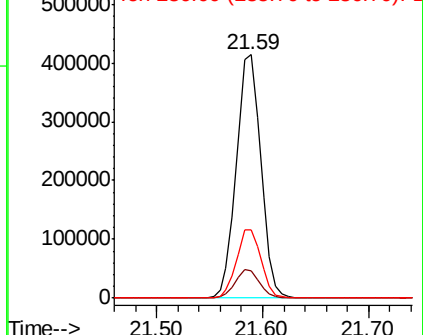
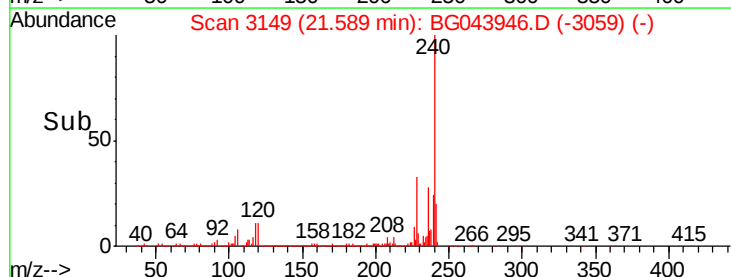


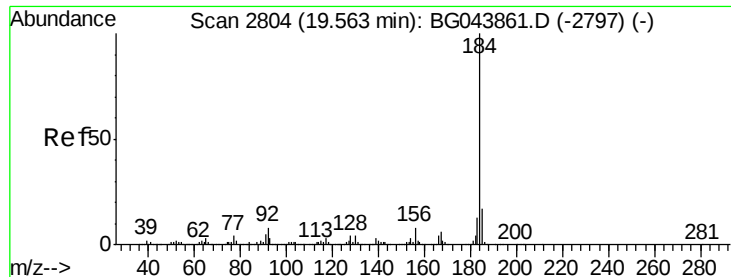
Abundance

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: 44.603 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

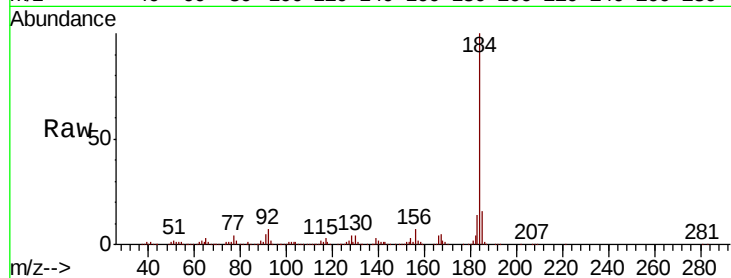
Tot Ion:184 Resp: 744466

Ion Ratio Lower Upper

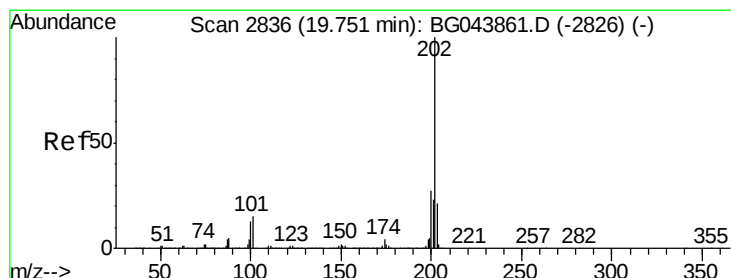
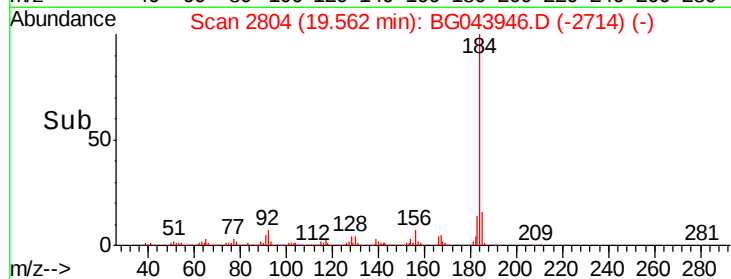
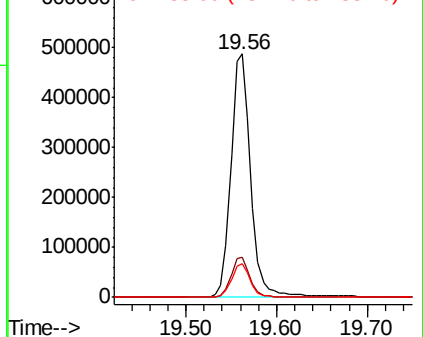
184 100

185 16.3 13.4 20.0

183 14.0 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: 39.856 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

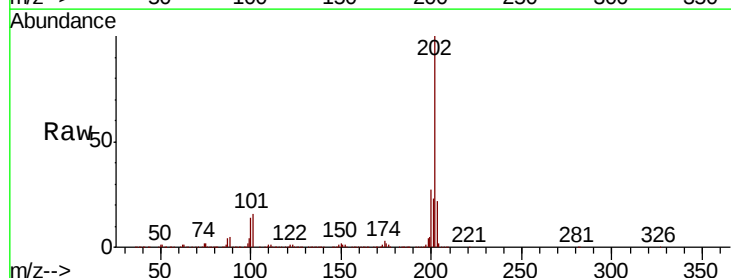
Tgt Ion:202 Resp: 1727496

Ion Ratio Lower Upper

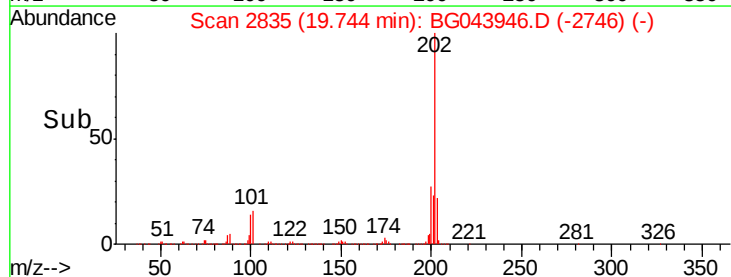
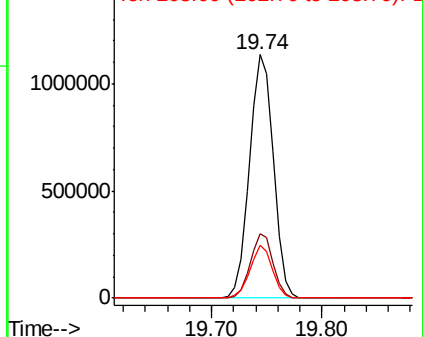
202 100

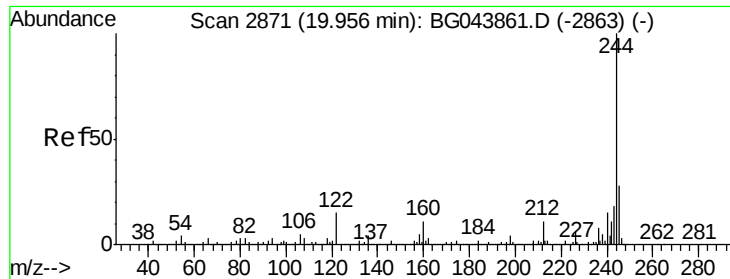
200 26.7 21.7 32.5

203 22.0 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: 81.049 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

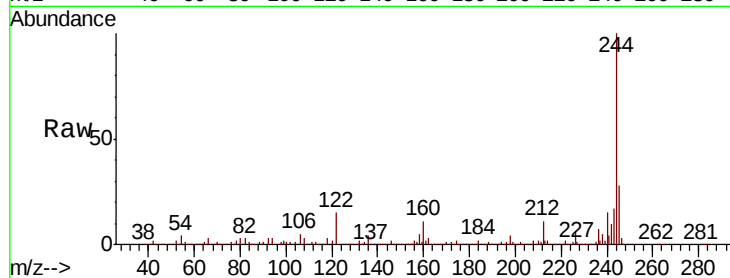
Tot Ion:244 Resp: 2260119

Ion Ratio Lower Upper

244 100

212 10.8 8.6 13.0

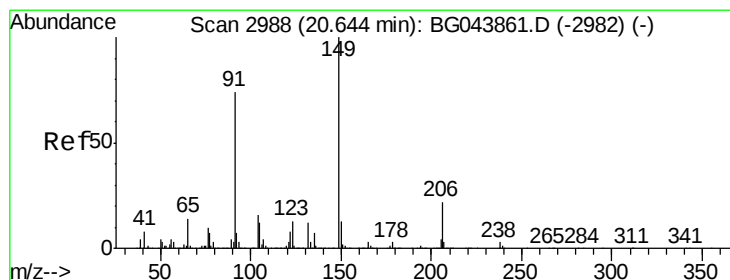
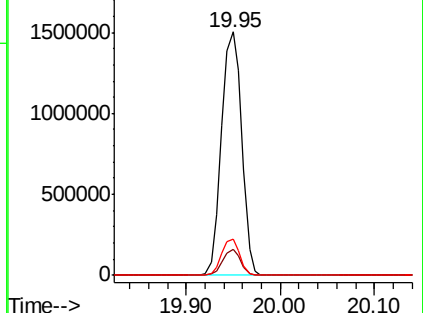
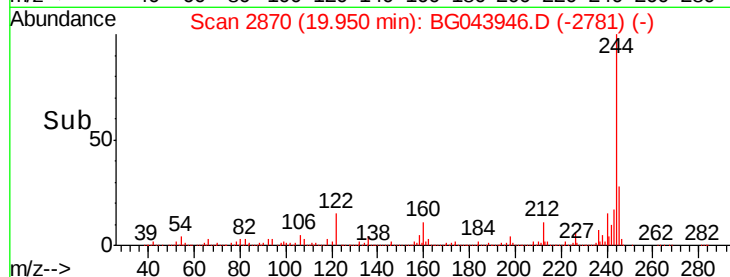
122 15.0 11.9 17.9



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: 41.044 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

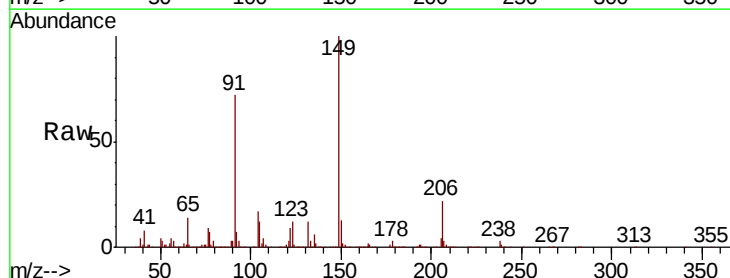
Tgt Ion:149 Resp: 846970

Ion Ratio Lower Upper

149 100

91 72.2 59.5 89.3

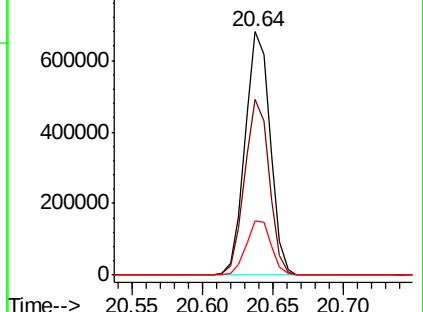
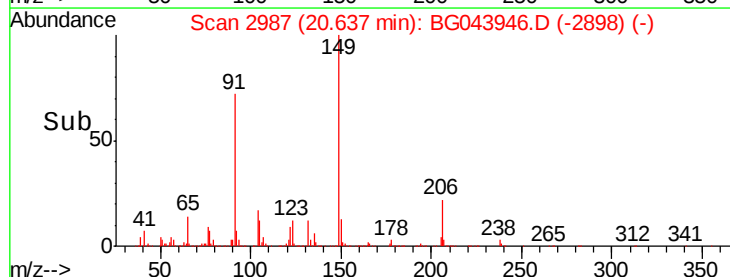
206 22.2 17.8 26.6

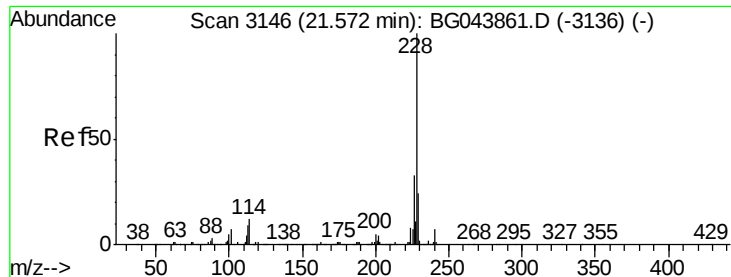


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.455 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

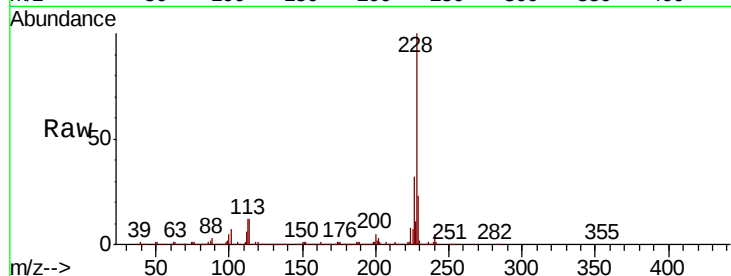
Tot Ion:228 Resp: 1665706

Ion Ratio Lower Upper

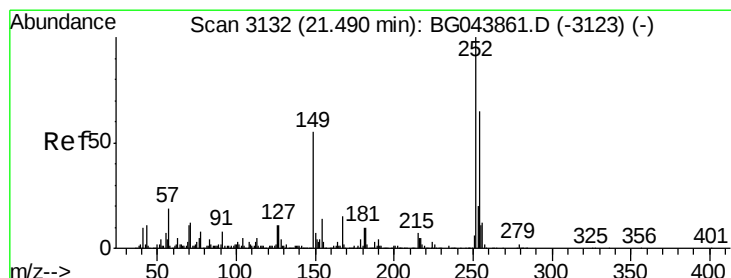
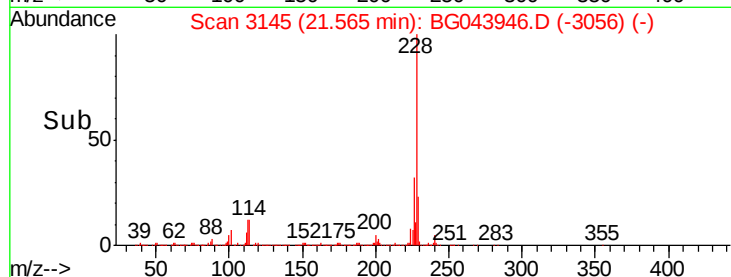
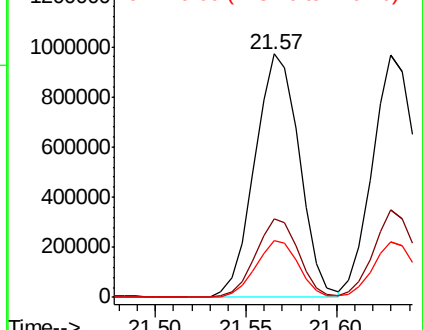
228 100

226 32.3 26.2 39.4

229 23.3 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.729 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

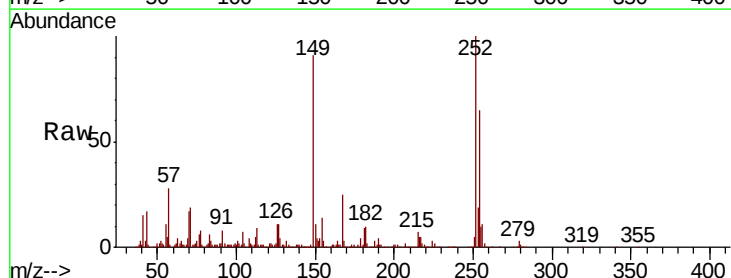
Tgt Ion:252 Resp: 646268

Ion Ratio Lower Upper

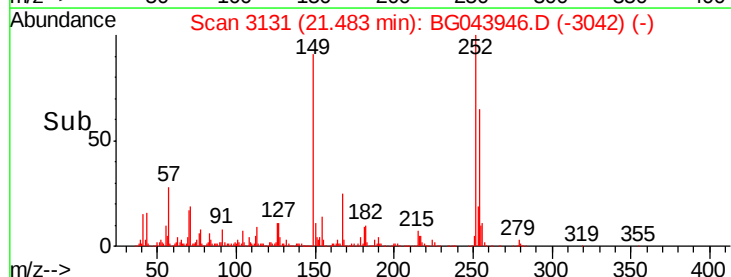
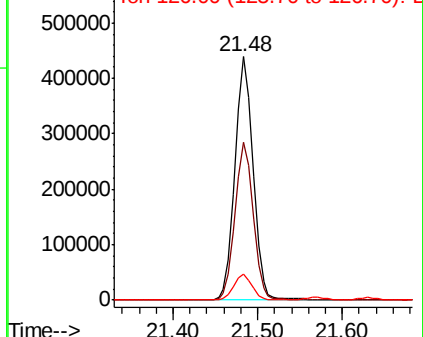
252 100

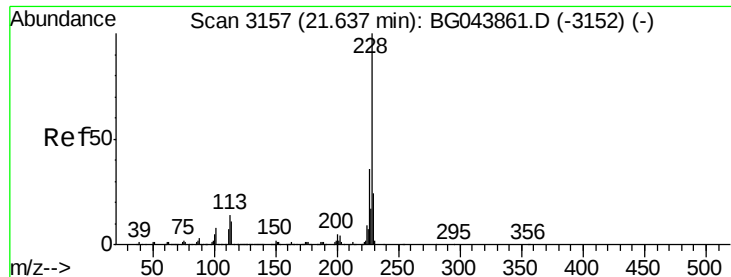
254 65.0 52.1 78.1

126 10.9 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.045 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

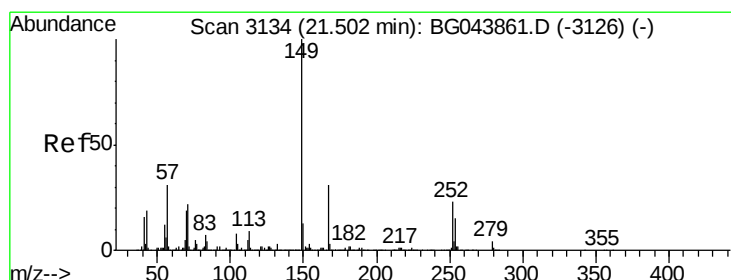
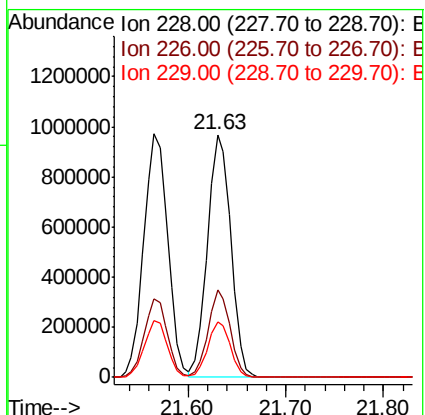
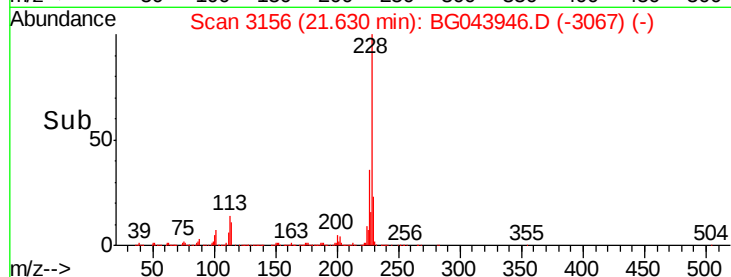
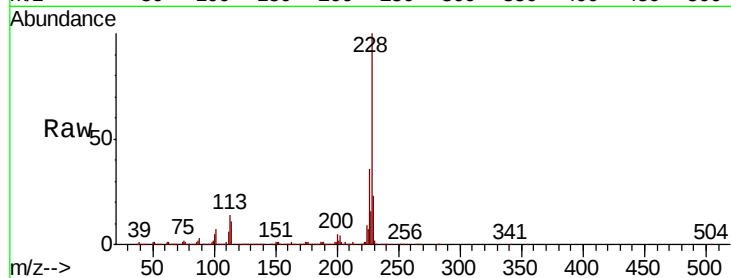
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1605847

Ion	Ratio	Lower	Upper
228	100		
226	36.1	28.8	43.2
229	23.1	19.0	28.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.581 ng

RT: 21.49 min Scan# 3133

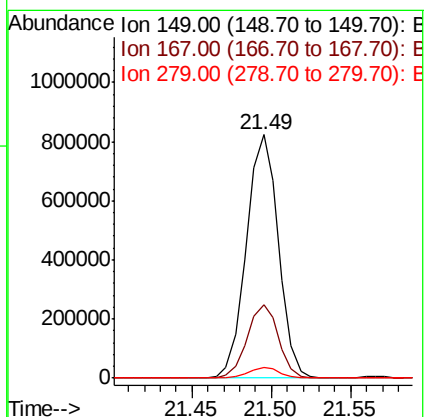
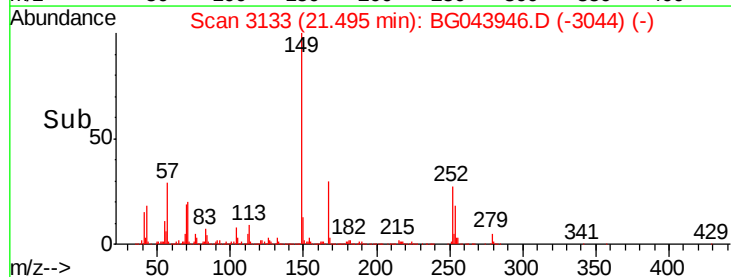
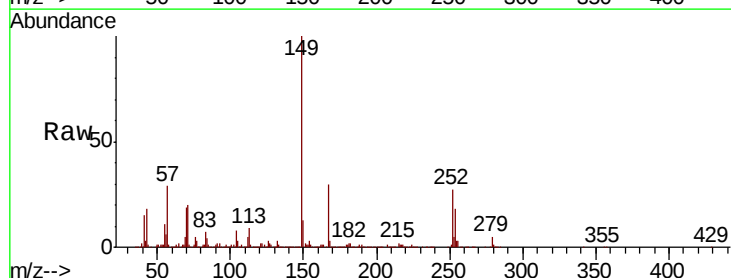
Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Tgt Ion:149 Resp: 1155479

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.7	37.1
279	4.6	3.3	4.9

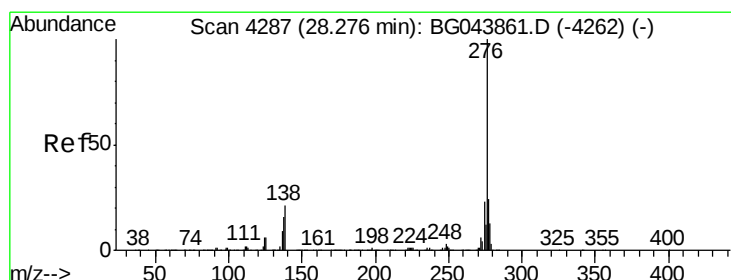
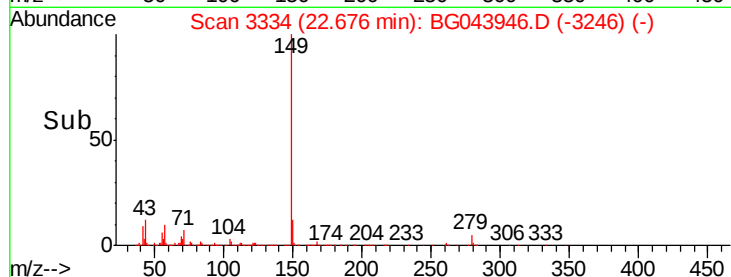
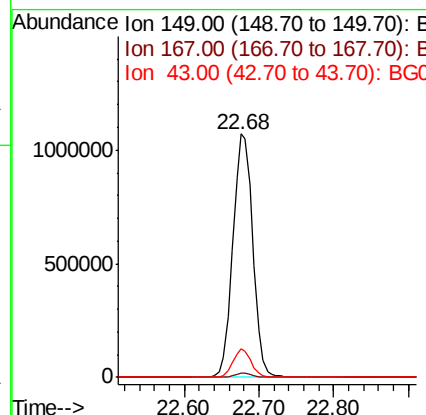
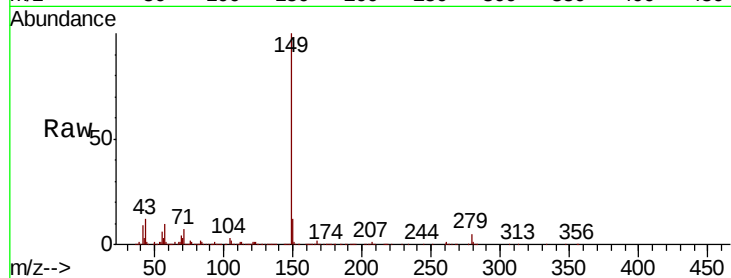




#85
Di-n-octyl phthalate
Concen: 41.485 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

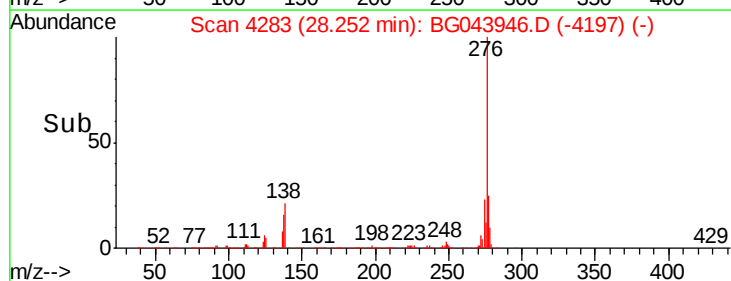
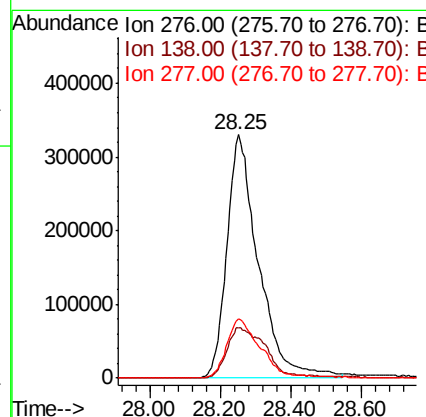
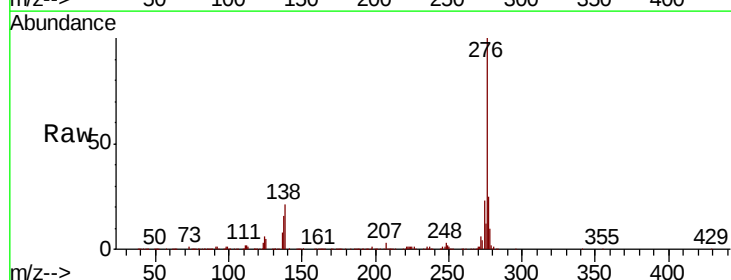
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

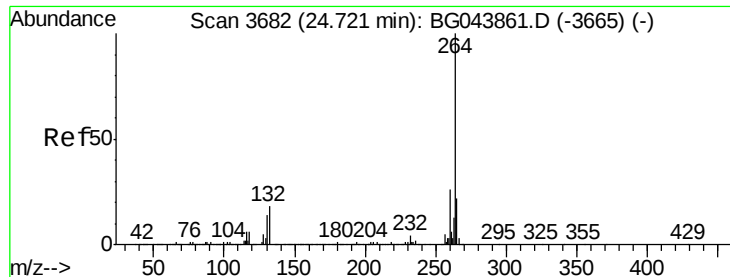
Tot Ion:149 Resp: 1985791
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.5 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.484 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

Tgt Ion:276 Resp: 2046202
Ion Ratio Lower Upper
276 100
138 25.0 21.0 31.4
277 26.3 21.1 31.7



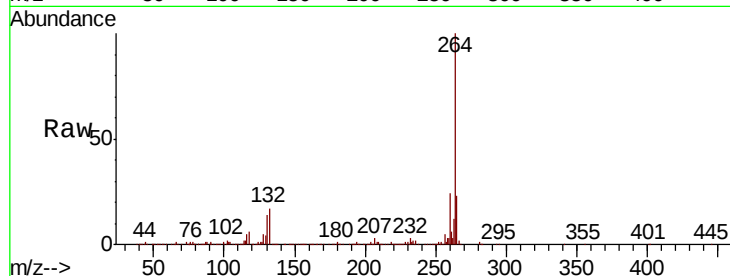


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

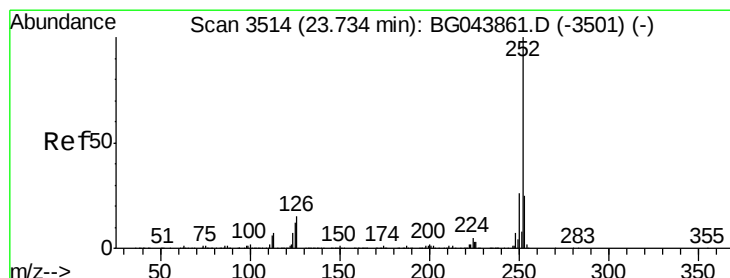
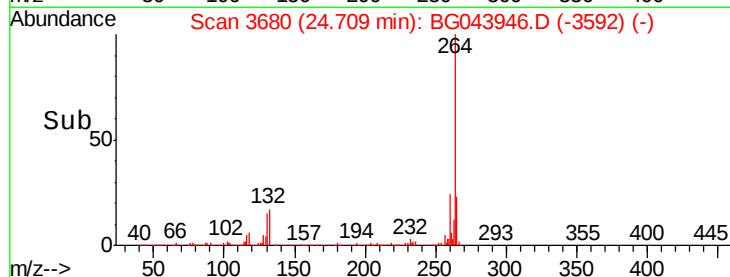
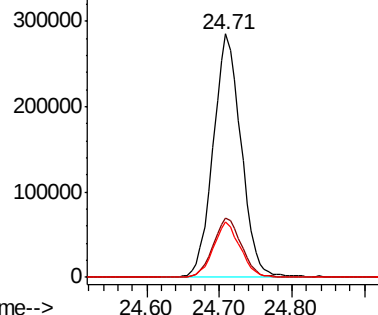
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 762826

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	22.6	17.4	26.2



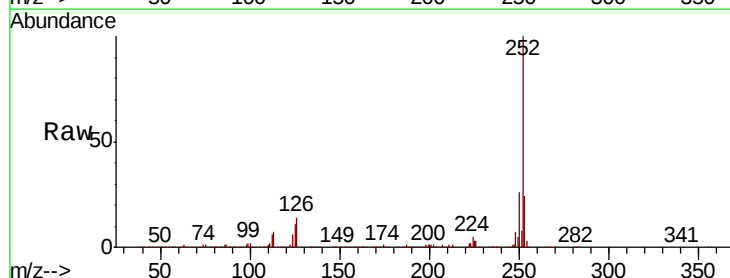
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



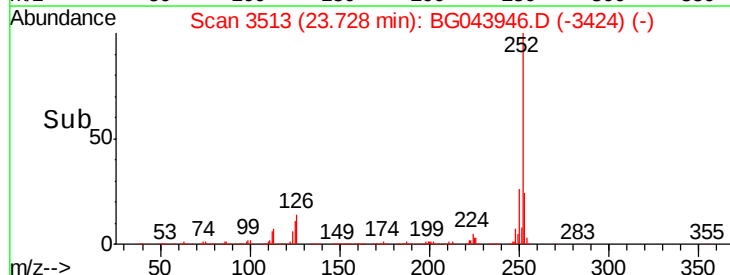
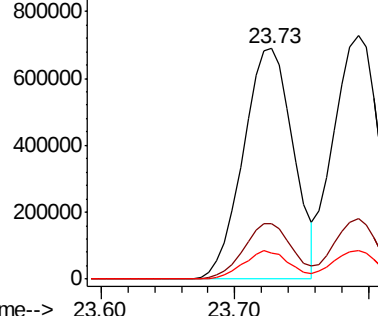
#88
Benzo(b)fluoranthene
Concen: 39.755 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043946.D
Acq: 7 Jan 2020 00:47

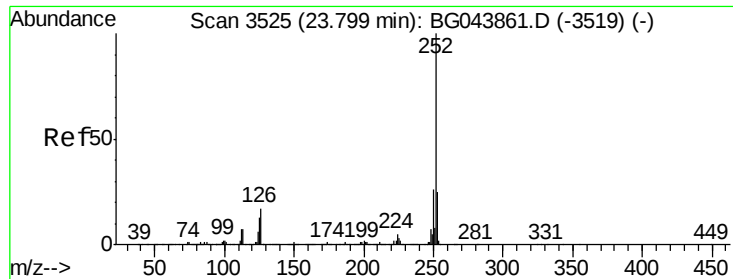
Tgt Ion:252 Resp: 1792810

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.7	29.5
125	11.4	9.4	14.2



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





#89

Benzo(k)fluoranthene

Concen: 40.749 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

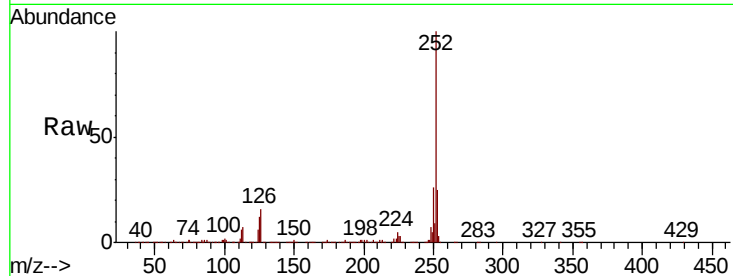
Tot Ion:252 Resp: 1747478

Ion Ratio Lower Upper

252 100

253 24.9 19.4 29.2

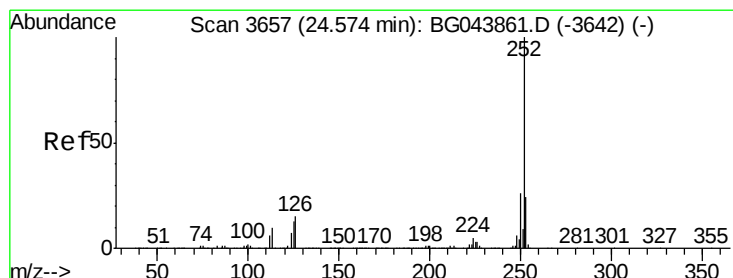
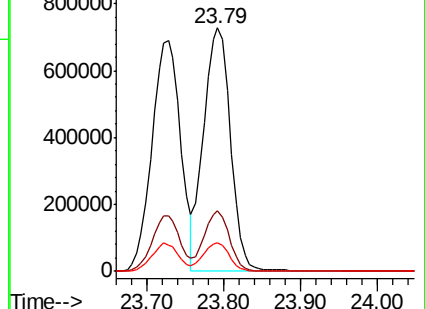
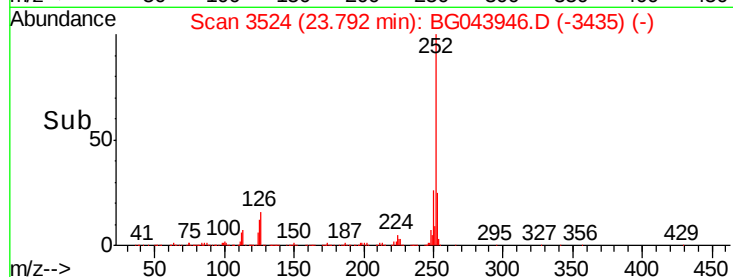
125 11.7 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.120 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

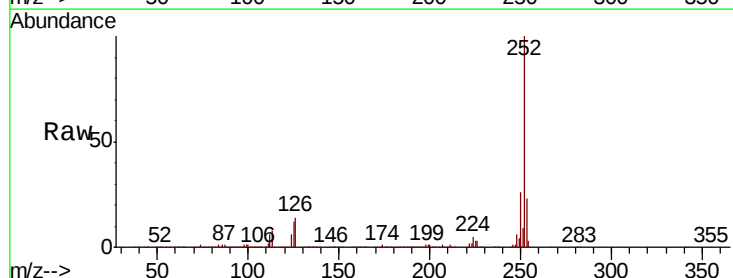
Tgt Ion:252 Resp: 1707616

Ion Ratio Lower Upper

252 100

253 23.0 19.3 28.9

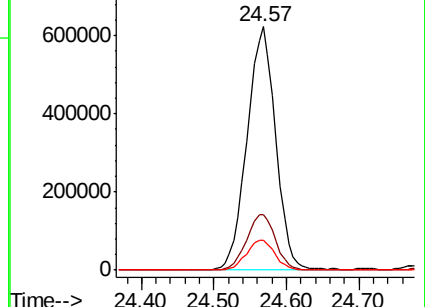
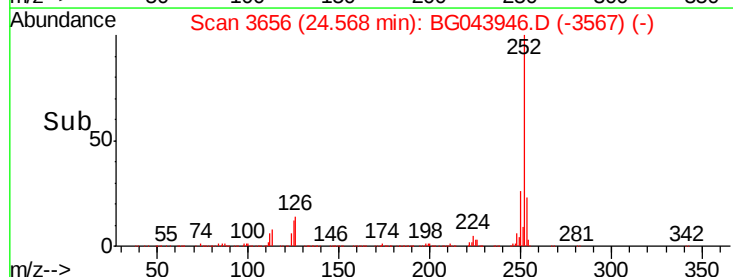
125 12.3 10.4 15.6

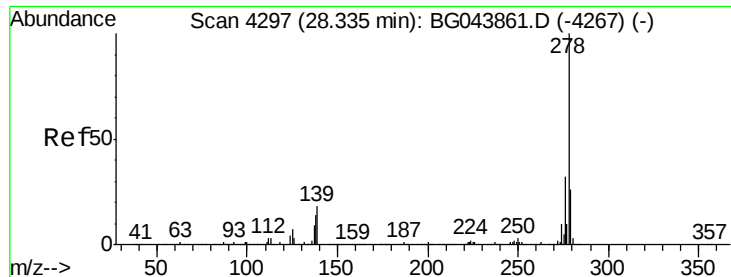


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.808 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.01 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Instrument :

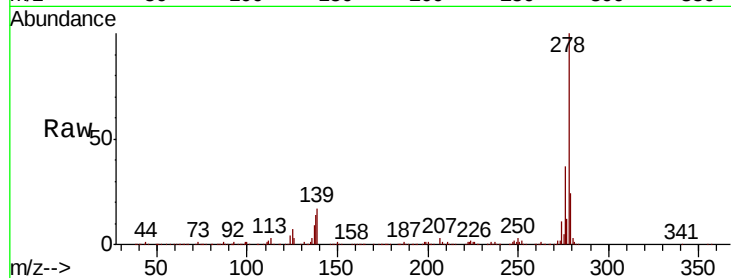
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:278 Resp: 1616126

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.2	21.4
279	24.5	20.6	30.8

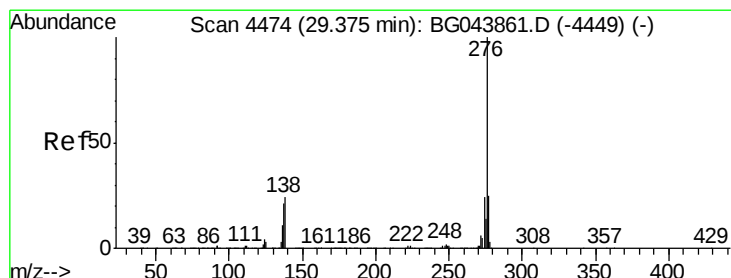
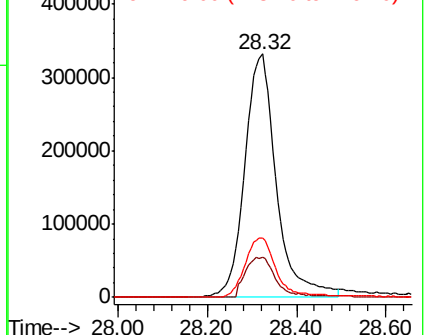
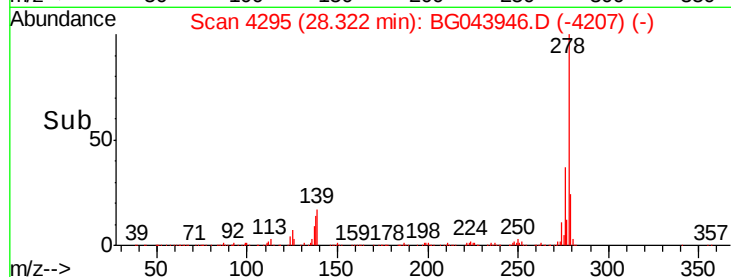


Abundance

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: 37.539 ng

RT: 29.35 min Scan# 4470

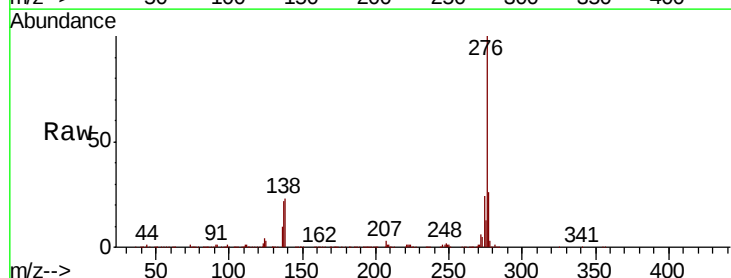
Delta R.T. -0.02 min

Lab File: BG043946.D

Acq: 7 Jan 2020 00:47

Tgt Ion:276 Resp: 1593907

Ion	Ratio	Lower	Upper
276	100		
277	25.8	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

