

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046460.D
 Acq On : 26 Aug 2020 19:11
 Operator : CG/JU
 Sample : L3784-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

Quant Time: Aug 27 01:31:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65703	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	272208	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	197900	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	504884	20.00	ng	0.00
76) Chrysene-d12	21.56	240	538083	20.00	ng	0.00
86) Perylene-d12	24.66	264	573433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	450495	121.44	ng	0.00
7) Phenol-d6	7.11	99	558360	106.18	ng	0.00
23) Nitrobenzene-d5	9.09	82	409222	85.92	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	314848	117.42	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1046681	80.74	ng	0.00
79) Terphenyl-d14	19.92	244	1892237	74.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	55418	35.909	ng	# 58
3) Pyridine	3.82	79	130165	28.827	ng	99
4) n-Nitrosodimethylamine	3.73	42	75621	45.407	ng	97
6) Aniline	7.25	93	134480	22.726	ng	99
8) 2-Chlorophenol	7.50	128	199378	50.853	ng	99
9) Benzaldehyde	7.07	77	116305	39.476	ng	94
10) Phenol	7.13	94	220127	45.448	ng	100
11) bis(2-Chloroethyl)ether	7.35	93	178993	45.975	ng	98
12) 1,3-Dichlorobenzene	7.82	146	190995	38.370	ng	100
13) 1,4-Dichlorobenzene	7.97	146	193911	38.912	ng	99
14) 1,2-Dichlorobenzene	8.29	146	187728	39.288	ng	99
15) Benzyl Alcohol	8.17	79	175631	52.021	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	262092	43.401	ng	99
17) 2-Methylphenol	8.38	107	171235	49.850	ng	96
18) Hexachloroethane	9.02	117	60983	36.092	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	149302	47.465	ng	97
20) 3+4-Methylphenols	8.71	107	234757	49.514	ng	96
22) Acetophenone	8.75	105	291349	43.970	ng	# 99
24) Nitrobenzene	9.13	77	212422	45.146	ng	98
25) Isophorone	9.66	82	419638	48.059	ng	100
26) 2-Nitrophenol	9.84	139	118315	47.660	ng	96
27) 2,4-Dimethylphenol	9.91	122	188045	55.074	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	250990	44.659	ng	99
29) 2,4-Dichlorophenol	10.38	162	221917	48.755	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	213534	39.539	ng	96
31) Naphthalene	10.78	128	574537	43.228	ng	99
32) Benzoic acid	10.04	122	44905	23.105	ng	99
33) 4-Chloroaniline	10.90	127	33211	5.667	ng	95
34) Hexachlorobutadiene	11.07	225	125912	35.915	ng	99
35) Caprolactam	11.65	113	34630	20.354	ng	99
36) 4-Chloro-3-methylphenol	12.02	107	222496	49.979	ng	95
37) 2-Methylnaphthalene	12.39	142	471104	44.943	ng	99
38) 1-Methylnaphthalene	12.61	142	452215	45.544	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	278694	42.705	ng	99

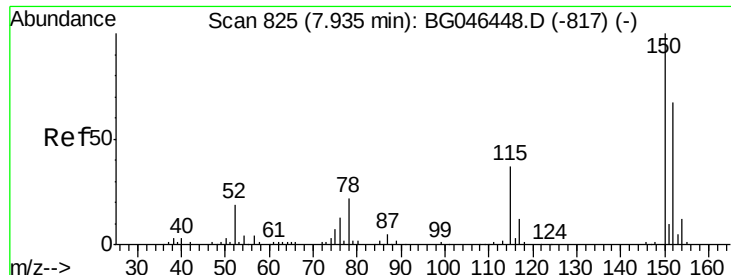
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046460.D
 Acq On : 26 Aug 2020 19:11
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	293178	103.317	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	202228	45.920	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	221308	47.829	ng	98
46) 1,1'-Biphenyl	13.40	154	630933	45.823	ng	99
47) 2-Chloronaphthalene	13.44	162	495502	42.445	ng	98
48) 2-Nitroaniline	13.63	65	145571	44.907	ng	98
49) Acenaphthylene	14.29	152	820387	46.327	ng	99
50) Dimethylphthalate	14.02	163	688578	44.974	ng	99
51) 2,6-Dinitrotoluene	14.13	165	161460	47.841	ng	97
52) Acenaphthene	14.63	154	492667	44.895	ng	99
53) 3-Nitroaniline	14.46	138	71488	19.555	ng	99
54) 2,4-Dinitrophenol	14.67	184	191392	97.153	ng	97
55) Dibenzofuran	14.96	168	799120	45.376	ng	99
56) 4-Nitrophenol	14.79	139	252226	93.747	ng	97
57) 2,4-Dinitrotoluene	14.93	165	230027	47.800	ng	98
58) Fluorene	15.61	166	677045	45.805	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	218854	48.707	ng	99
60) Diethylphthalate	15.39	149	689636	46.199	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	363761	44.686	ng	97
62) 4-Nitroaniline	15.63	138	162978	42.251	ng	100
63) Azobenzene	15.90	77	567923	46.770	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	146594	51.298	ng	100
66) n-Nitrosodiphenylamine	15.82	169	623391	45.768	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	259083	43.984	ng	96
68) Hexachlorobenzene	16.63	284	280164	42.947	ng	97
69) Atrazine	16.77	200	240438	43.271	ng	99
70) Pentachlorophenol	16.97	266	348519	102.254	ng	97
71) Phenanthrene	17.35	178	1151795	45.008	ng	99
72) Anthracene	17.44	178	1176838	46.609	ng	98
73) Carbazole	17.71	167	1114219	46.739	ng	99
74) Di-n-butylphthalate	18.28	149	1250751	45.627	ng	99
75) Fluoranthene	19.36	202	1513903	45.969	ng	100
77) Benzidine	19.53	184	144010	11.518	ng	98
78) Pyrene	19.72	202	1532844	44.736	ng	99
80) Butylbenzylphthalate	20.61	149	601547	45.009	ng	96
81) Benzo(a)anthracene	21.54	228	1501610	44.773	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	298156	23.955	ng	99
83) Chrysene	21.60	228	1431801	44.381	ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	834985	45.780	ng	100
85) Di-n-octyl phthalate	22.63	149	1450463	46.444	ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1841441	44.711	ng	99
88) Benzo(b)fluoranthene	23.68	252	1579509	44.113	ng	98
89) Benzo(k)fluoranthene	23.75	252	1494773	43.196	ng	98
90) Benzo(a)pyrene	24.52	252	1439718	43.086	ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1502572	45.210	ng	99
92) Benzo(g,h,i)perylene	29.28	276	1545603	46.571	ng	98

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

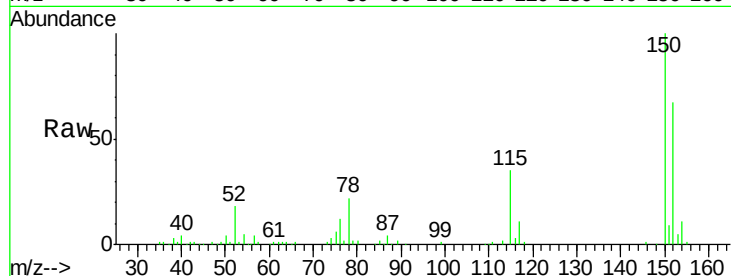


#1

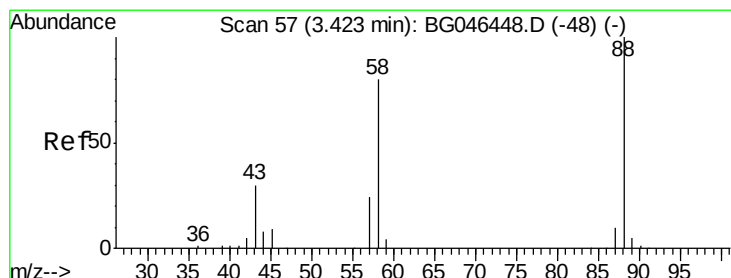
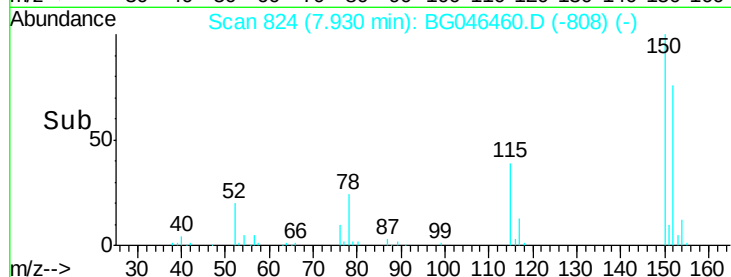
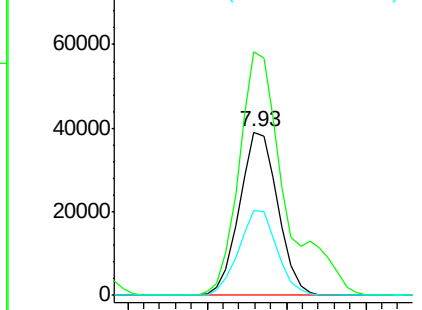
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Instrument :
BNA_G
ClientSampleId :
RO-10MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.5	179.3
115	51.6	44.3	66.5



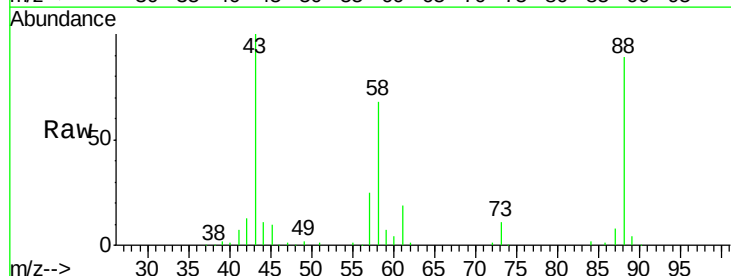
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



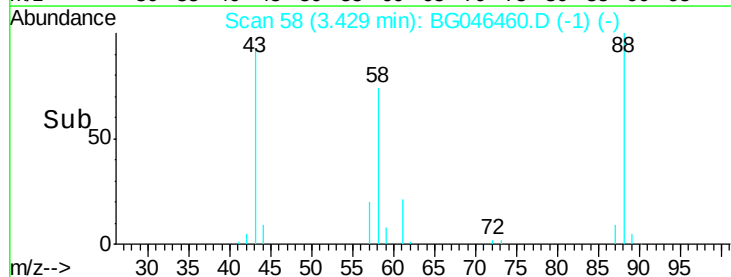
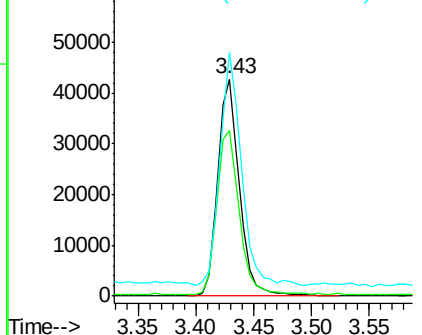
#2

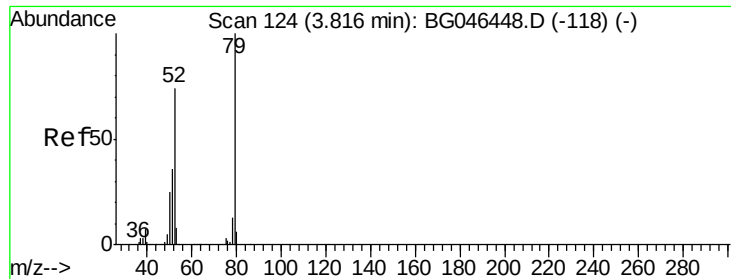
1,4-Dioxane
Concen: 35.909 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	61.4	92.2
43	106.1	21.6	32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.827 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

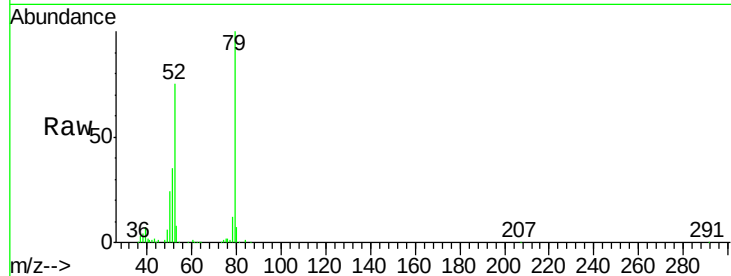
Tot Ion: 79 Resp: 130165

Ion Ratio Lower Upper

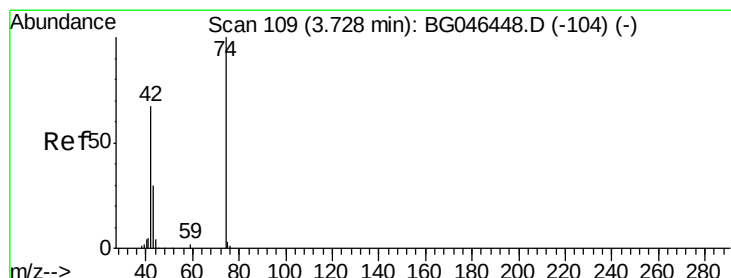
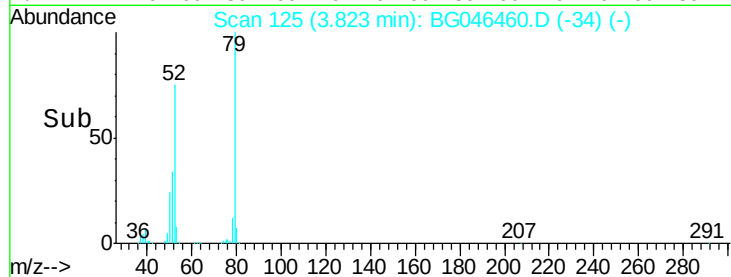
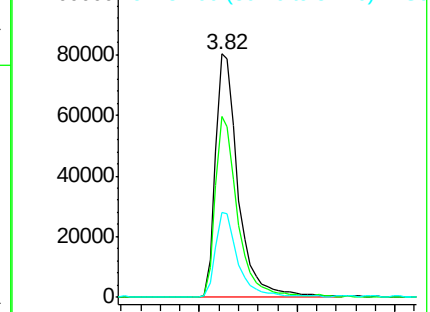
79 100

52 74.5 59.1 88.7

51 34.7 29.0 43.6



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



#4

n-Nitrosodimethylamine

Concen: 45.407 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

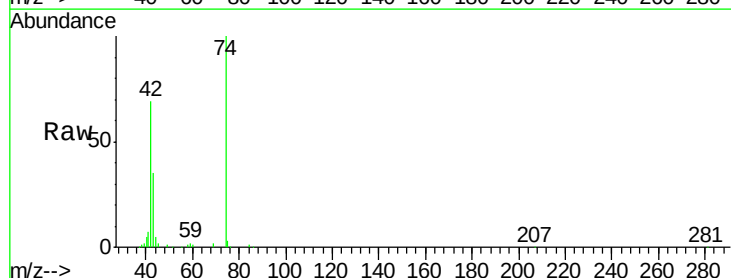
Tgt Ion: 42 Resp: 75621

Ion Ratio Lower Upper

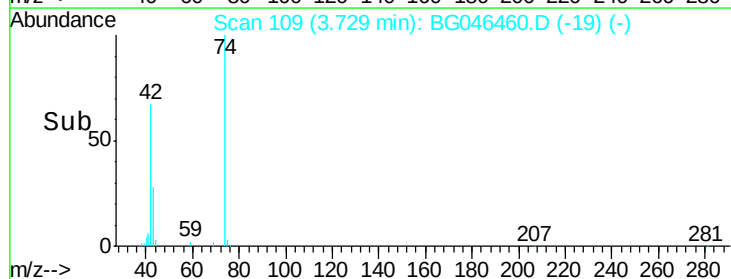
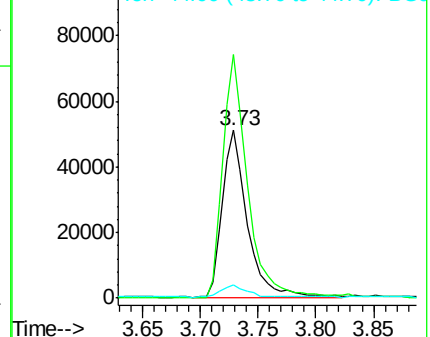
42 100

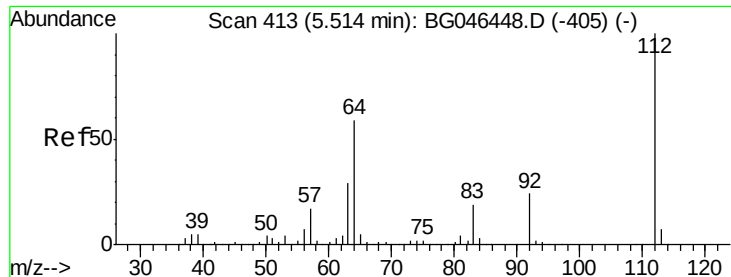
74 145.0 119.5 179.3

44 7.7 5.7 8.5



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





#5

2-Fluorophenol

Concen: 121.442 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

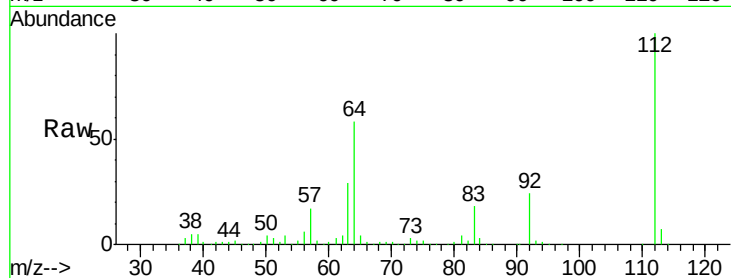
Tot Ion:112 Resp: 450495

Ion Ratio Lower Upper

112 100

64 58.2 47.0 70.6

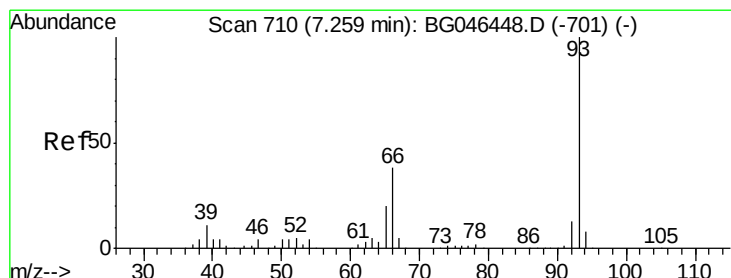
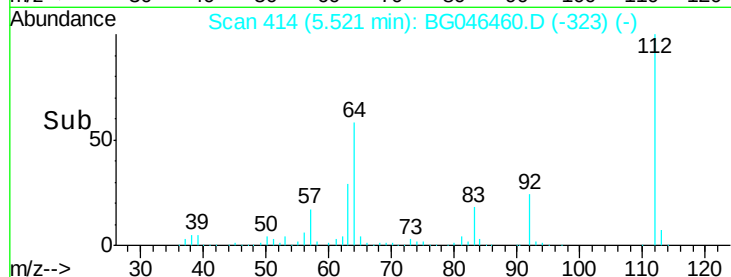
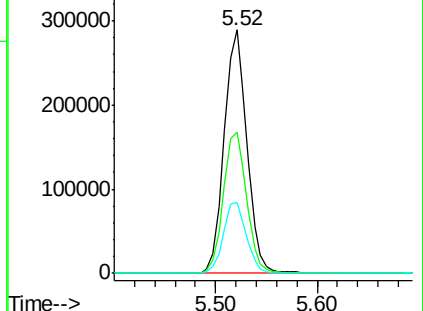
63 28.9 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.726 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

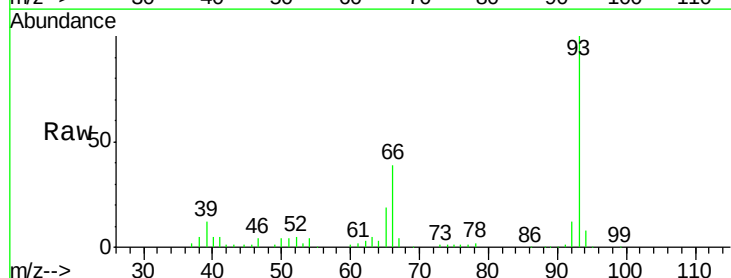
Tgt Ion: 93 Resp: 134480

Ion Ratio Lower Upper

93 100

66 38.8 30.4 45.6

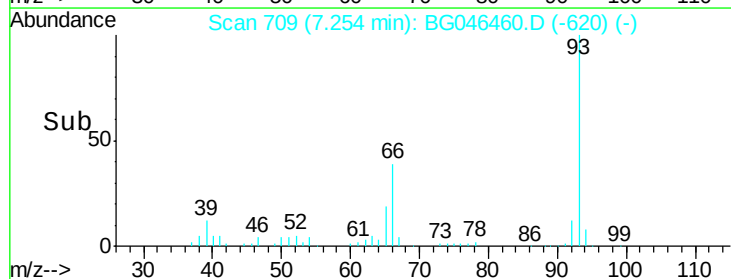
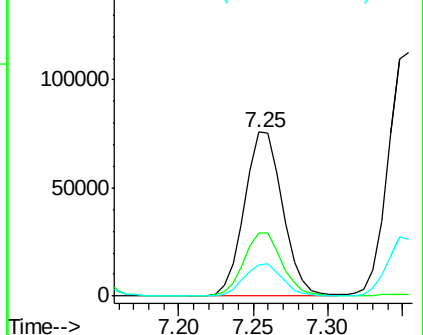
65 19.0 15.8 23.6

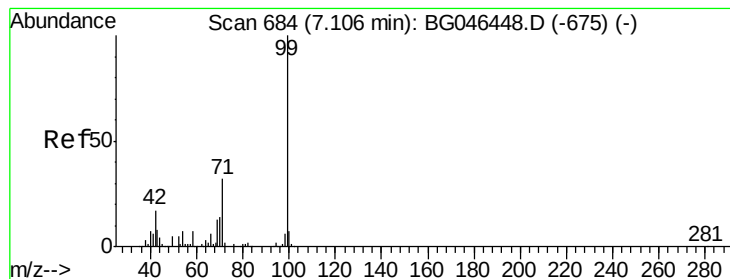


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.179 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

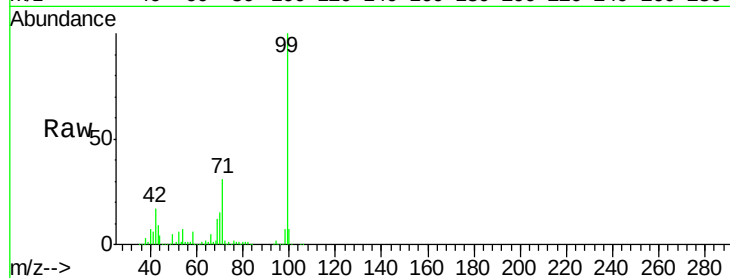
Tot Ion: 99 Resp: 558360

Ion Ratio Lower Upper

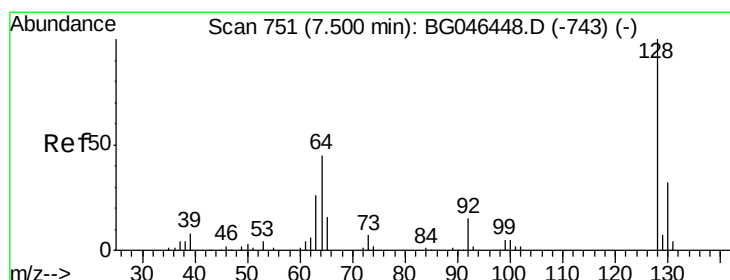
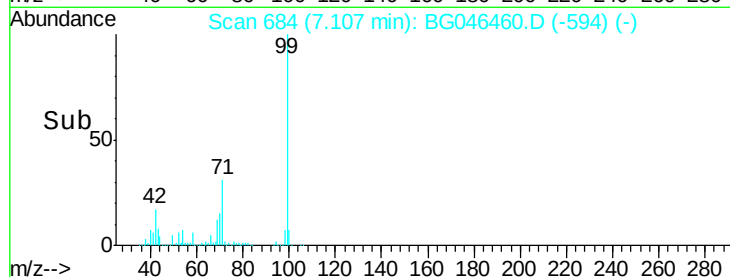
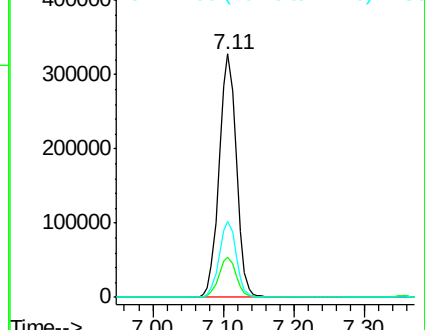
99 100

42 16.5 13.3 19.9

71 31.2 25.3 37.9



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: 50.853 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

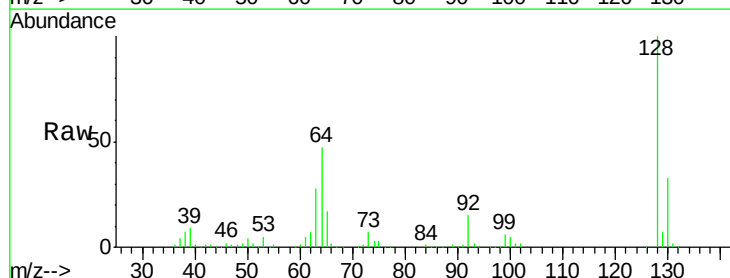
Tgt Ion: 128 Resp: 199378

Ion Ratio Lower Upper

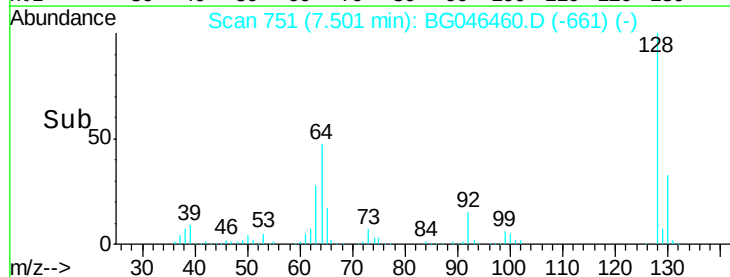
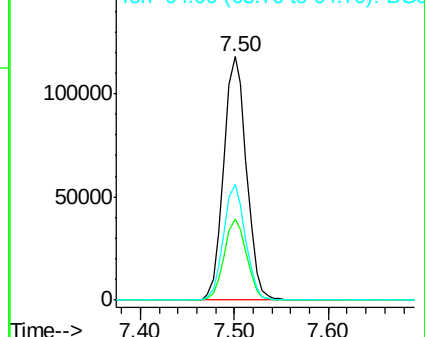
128 100

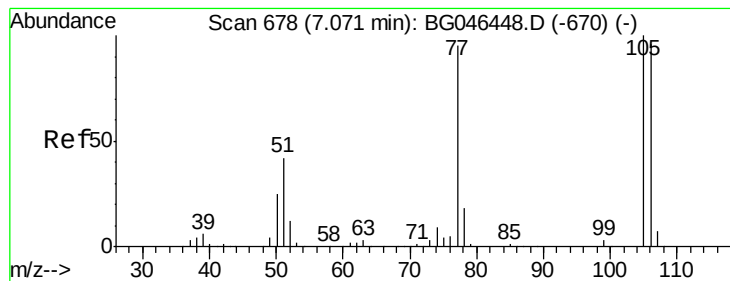
130 33.3 12.4 52.4

64 47.3 28.1 68.1



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





#9

Benzaldehyde

Concen: 39.476 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

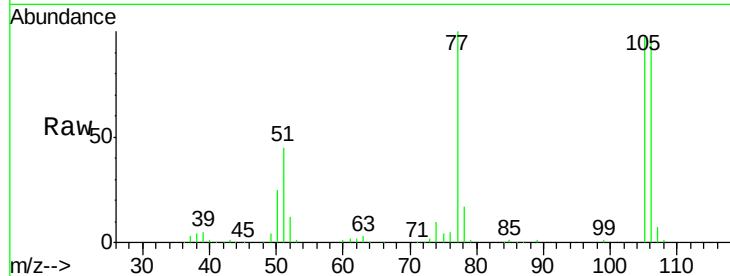
Tot Ion: 77 Resp: 116305

Ion Ratio Lower Upper

77 100

105 98.1 85.6 125.6

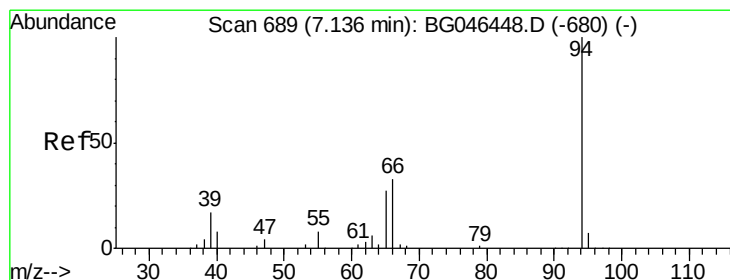
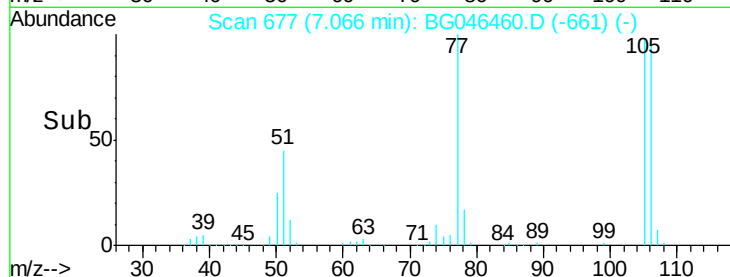
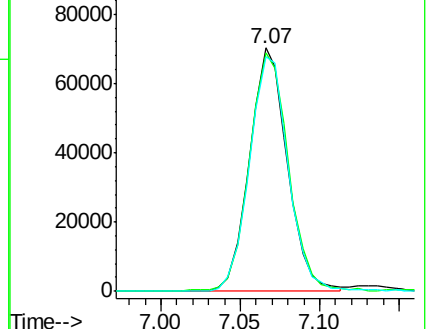
106 96.1 80.8 120.8



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: 45.448 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

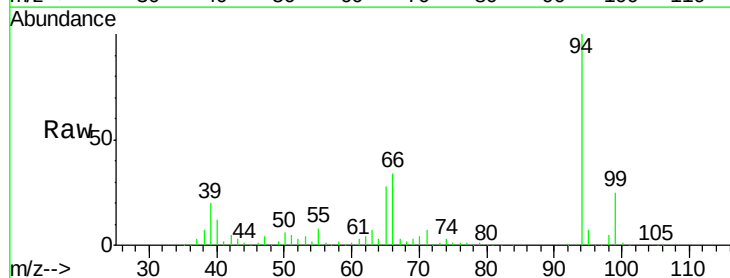
Tgt Ion: 94 Resp: 220127

Ion Ratio Lower Upper

94 100

65 27.9 7.5 47.5

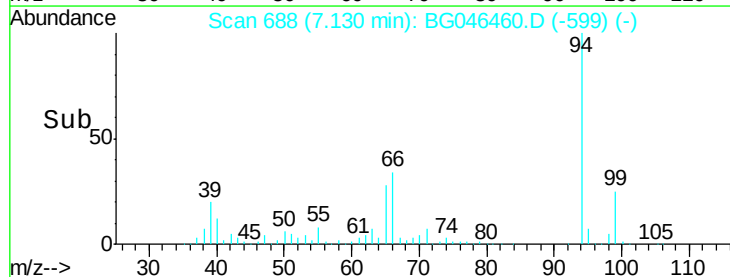
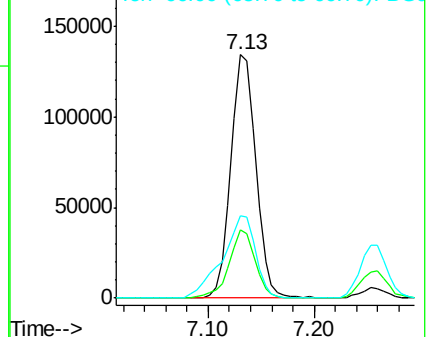
66 34.0 14.1 54.1

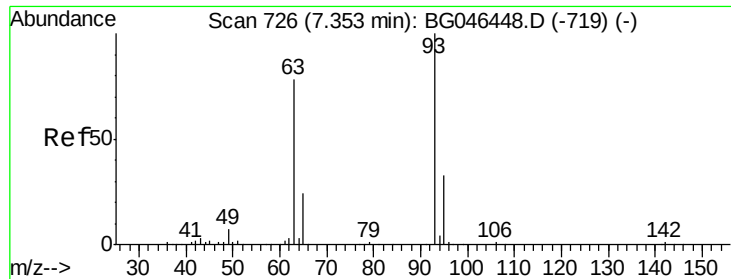


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

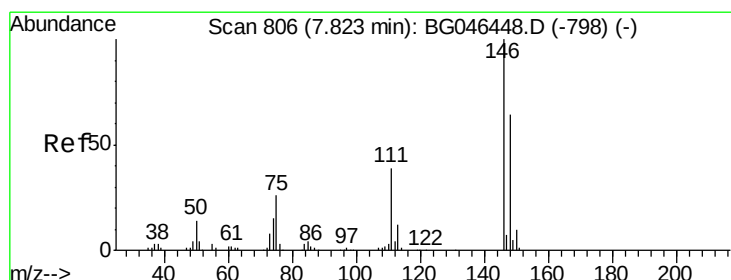
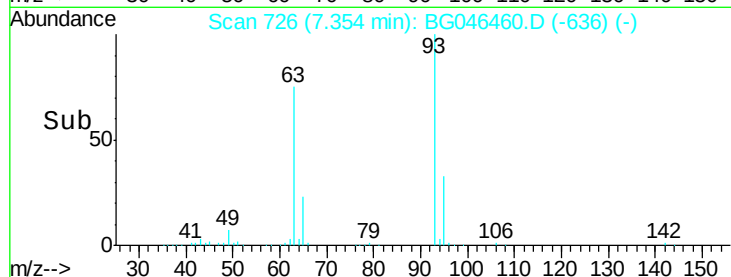
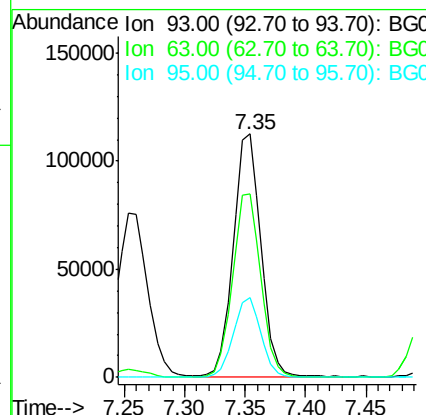
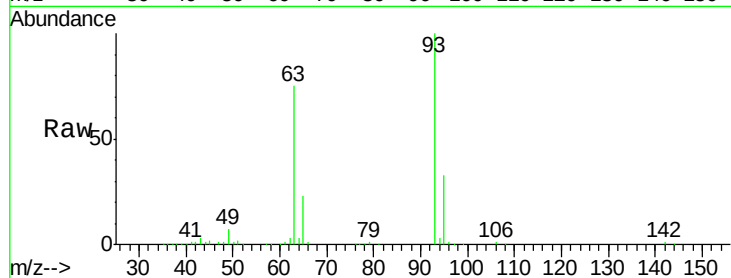




#11
 bis(2-Chloroethyl)ether
 Concen: 45.975 ng
 RT: 7.35 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

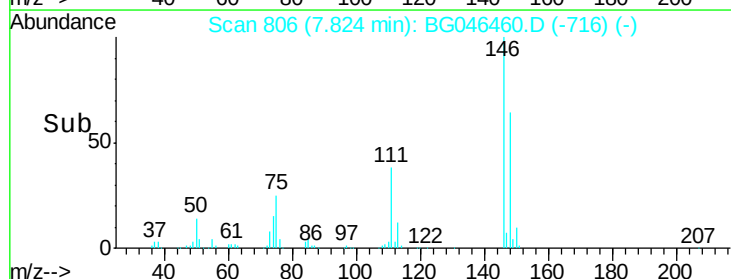
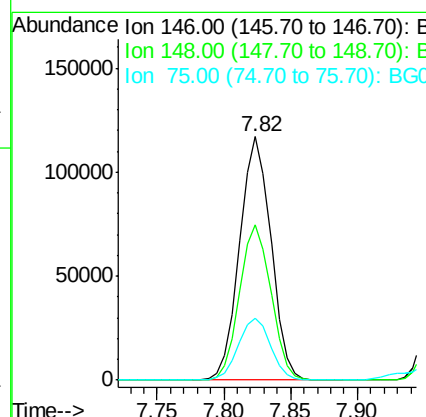
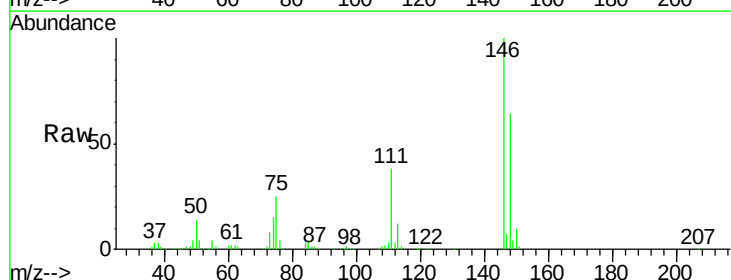
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

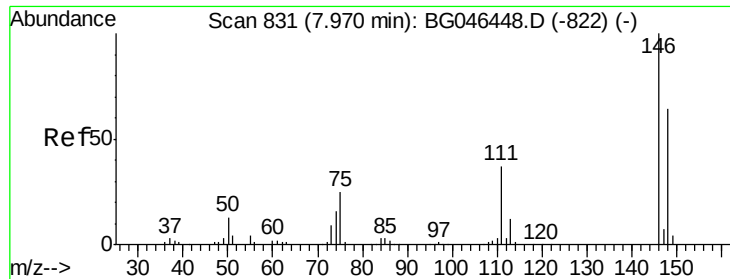
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	57.7	97.7
95	32.9	12.3	52.3



#12
 1,3-Dichlorobenzene
 Concen: 38.370 ng
 RT: 7.82 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	25.3	20.7	31.1

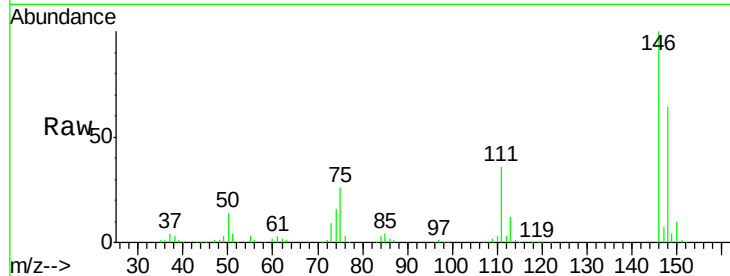




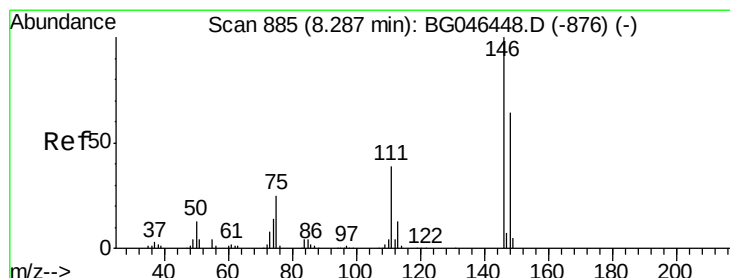
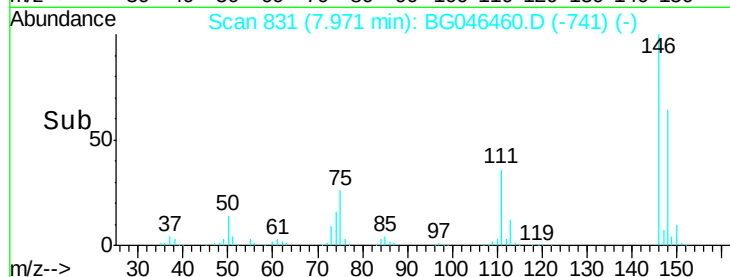
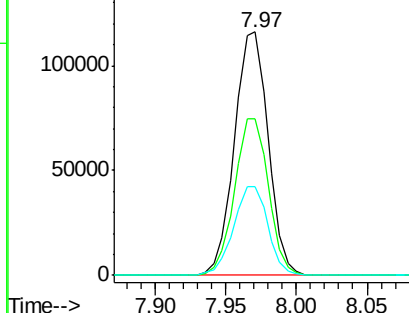
#13
 1,4-Dichlorobenzene
 Concen: 38.912 ng
 RT: 7.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

Tot Ion:146 Resp: 193911
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 111 36.2 29.8 44.6

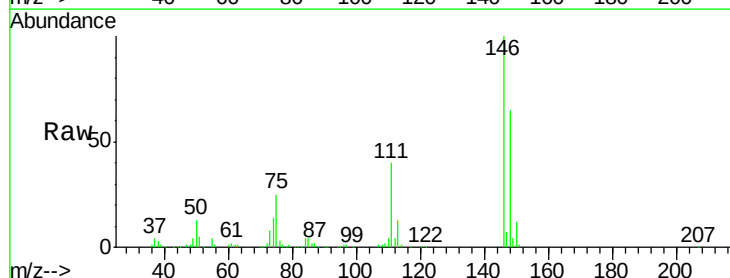


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

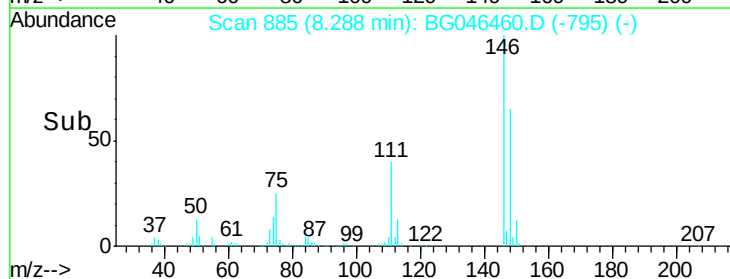
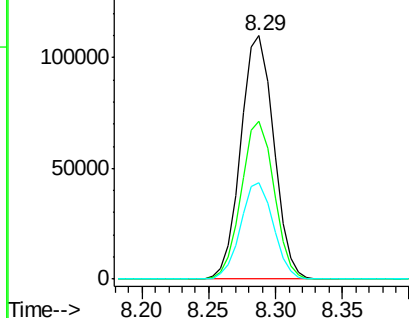


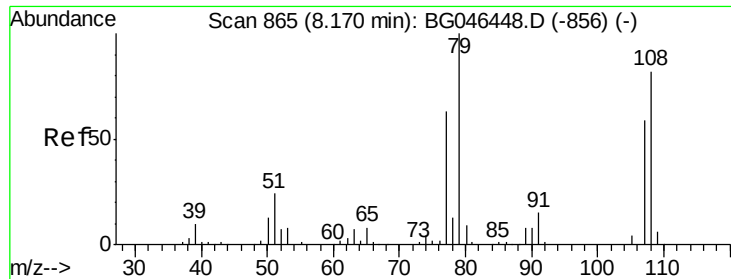
#14
 1,2-Dichlorobenzene
 Concen: 39.288 ng
 RT: 8.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion:146 Resp: 187728
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 111 39.8 31.4 47.2



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: 52.021 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

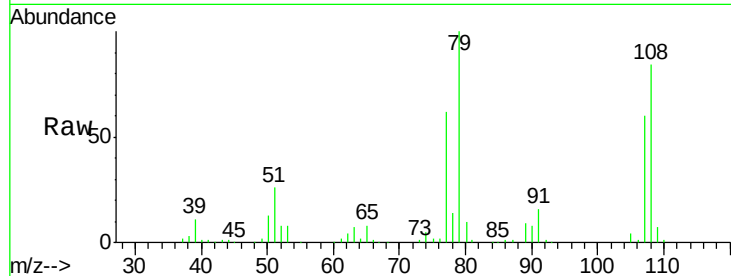
Tot Ion: 79 Resp: 175631

Ion Ratio Lower Upper

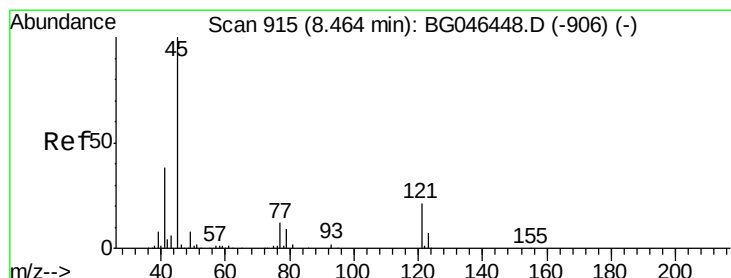
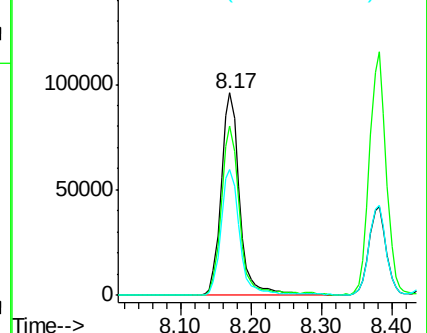
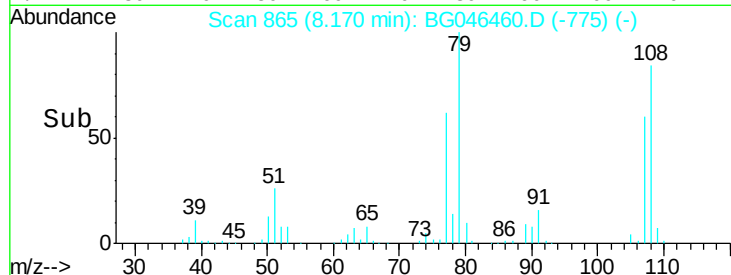
79 100

108 83.9 65.7 98.5

77 62.0 50.3 75.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.401 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

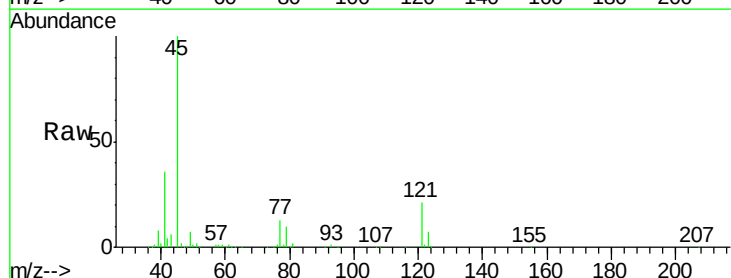
Tgt Ion: 45 Resp: 262092

Ion Ratio Lower Upper

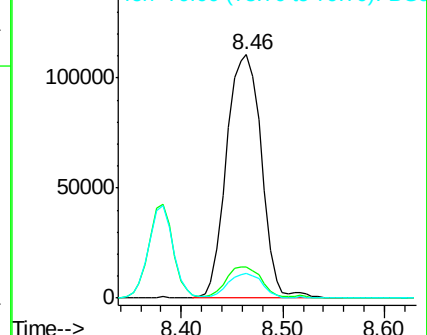
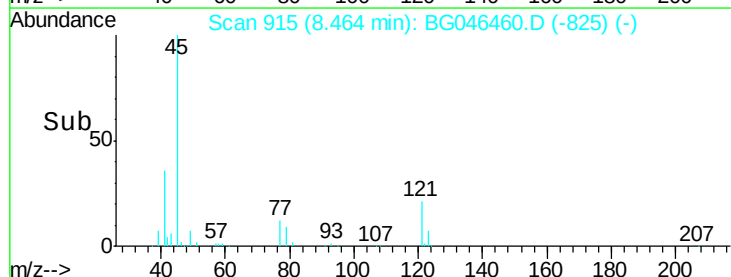
45 100

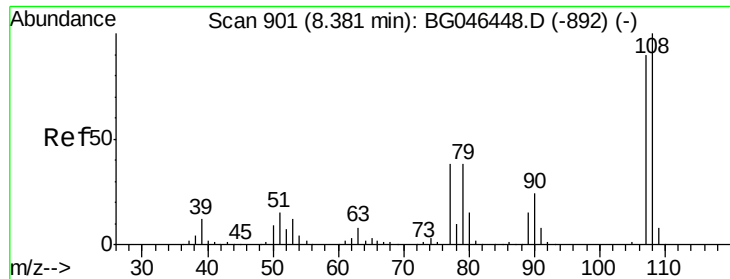
77 12.7 0.0 33.2

79 10.2 0.0 30.3



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: 49.850 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

Tot Ion:107 Resp: 171235

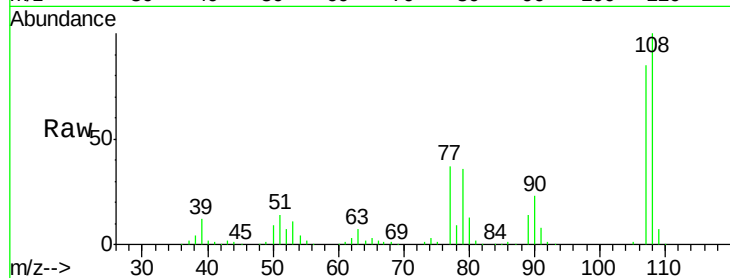
Ion Ratio Lower Upper

107 100

108 117.9 89.4 134.0

77 43.6 34.5 51.7

79 42.7 33.8 50.6

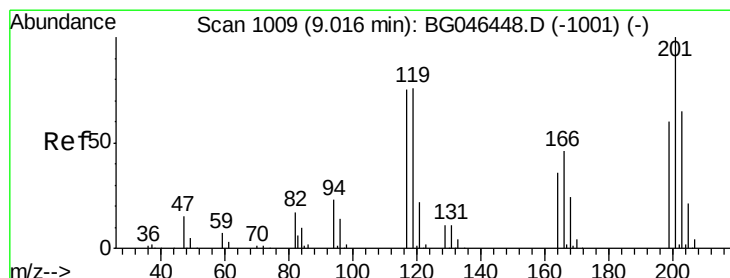
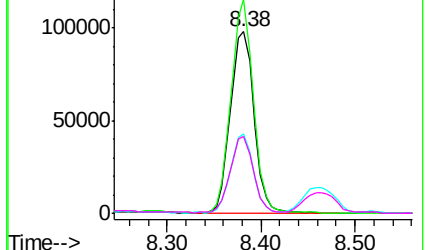
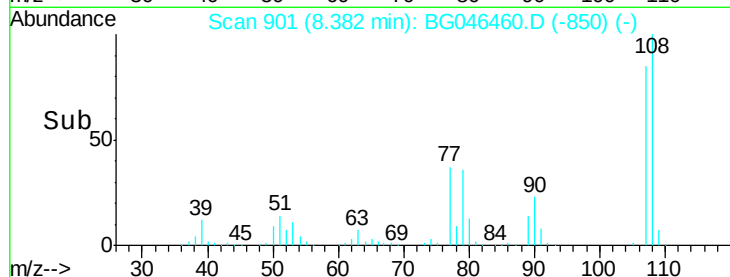


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.092 ng

RT: 9.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

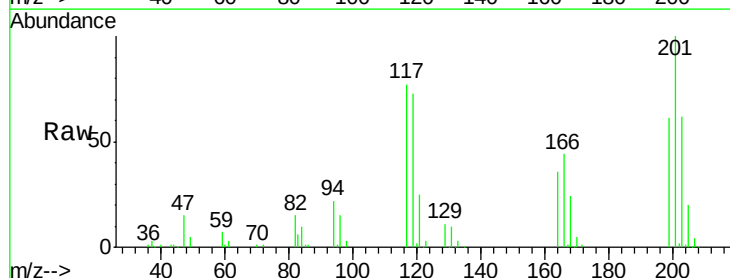
Tgt Ion:117 Resp: 60983

Ion Ratio Lower Upper

117 100

119 94.8 80.8 121.2

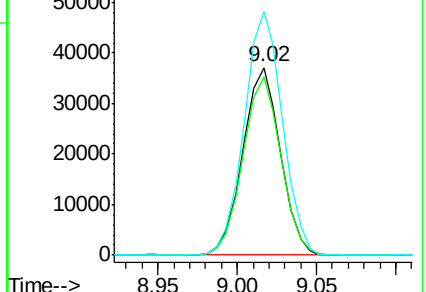
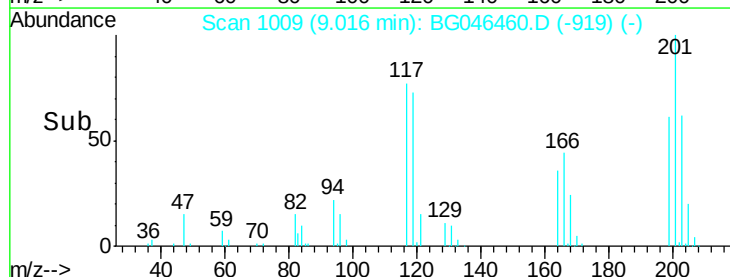
201 129.8 106.7 160.1

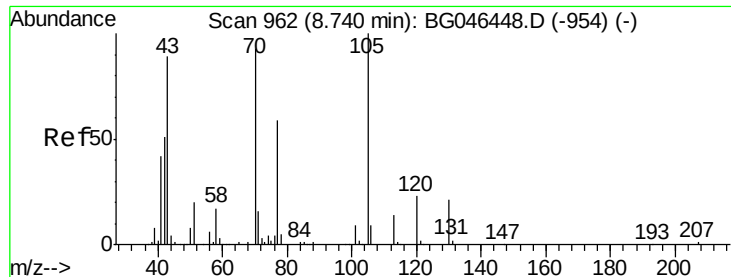


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

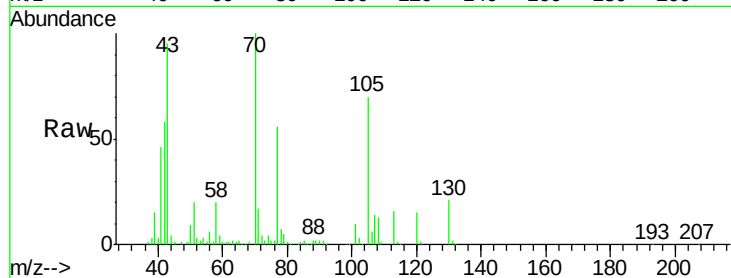




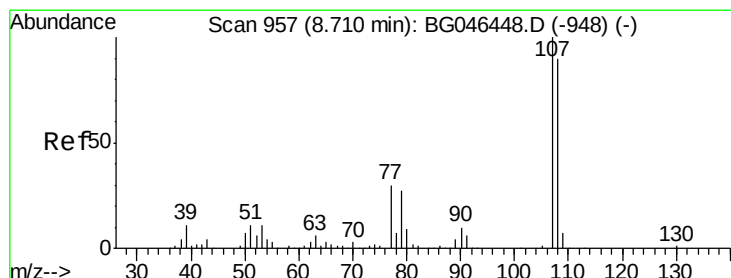
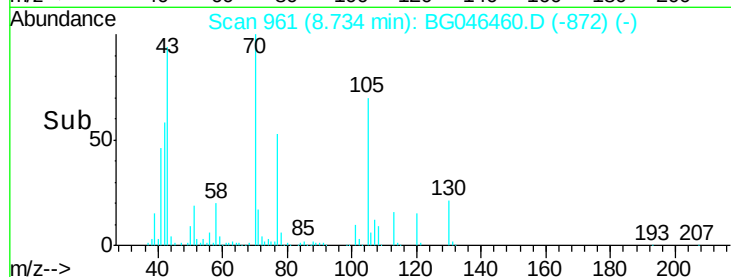
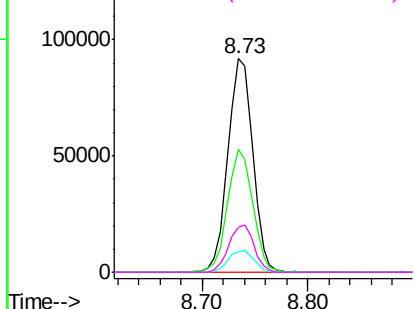
#19
n-Nitroso-di-n-propylamine
Concen: 47.465 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Instrument :
BNA_G
ClientSampleId :
RO-10MS

Tot Ion: 70 Resp: 149302
Ion Ratio Lower Upper
70 100
42 57.6 44.2 66.2
101 9.9 7.8 11.8
130 20.8 18.2 27.4

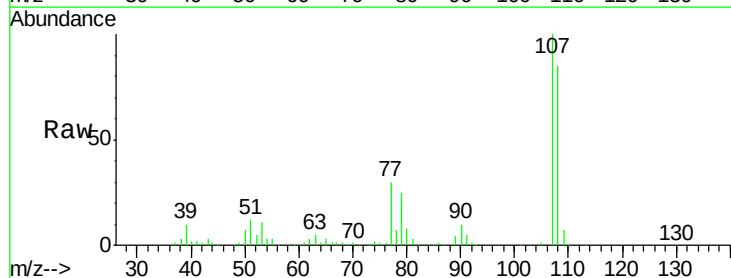


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

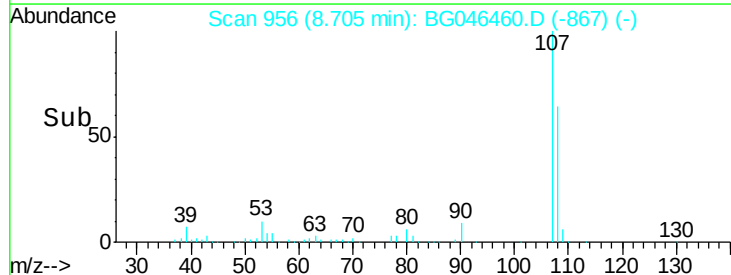
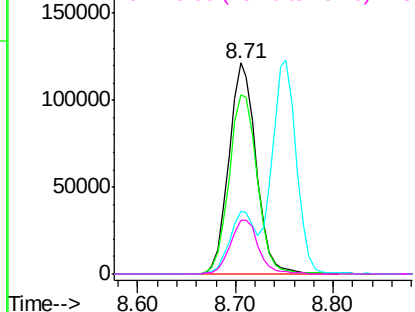


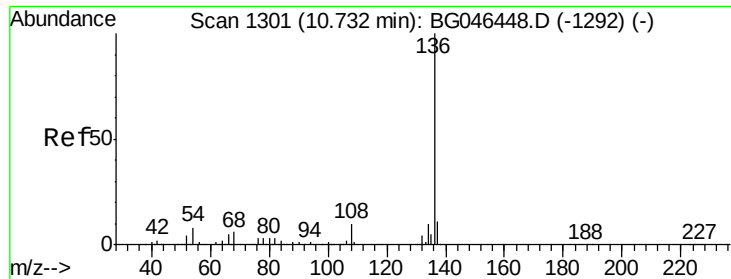
#20
3+4-Methylphenols
Concen: 49.514 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion: 107 Resp: 234757
Ion Ratio Lower Upper
107 100
108 84.9 69.7 109.7
77 29.8 9.7 49.7
79 25.4 6.9 46.9



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

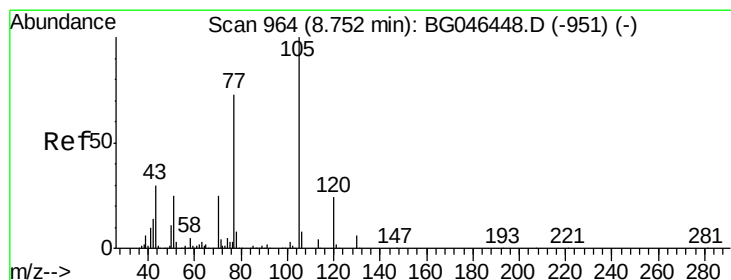
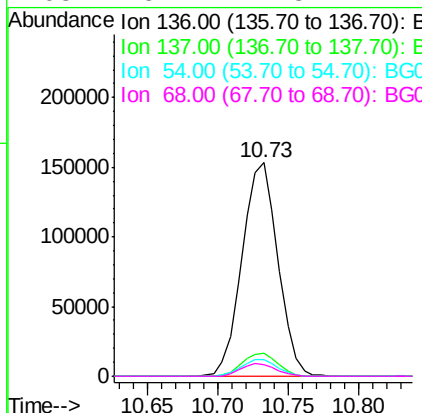
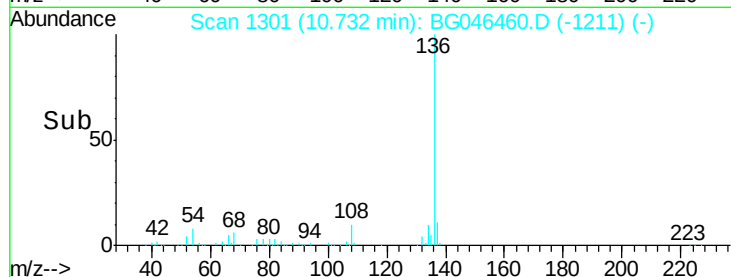
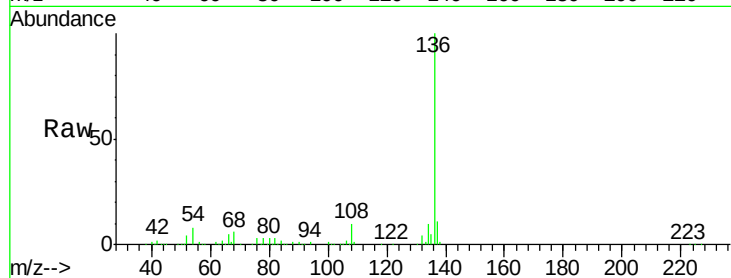




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

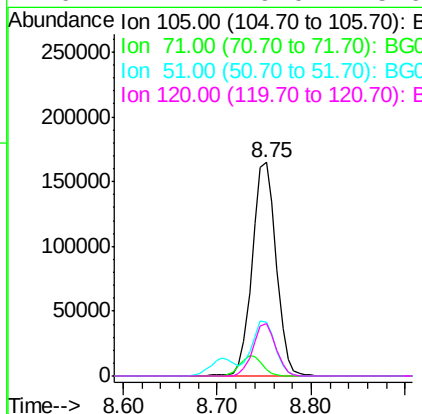
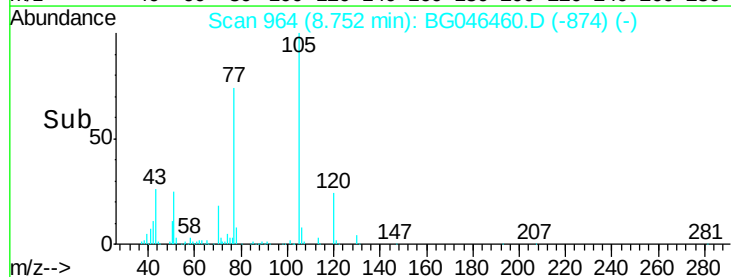
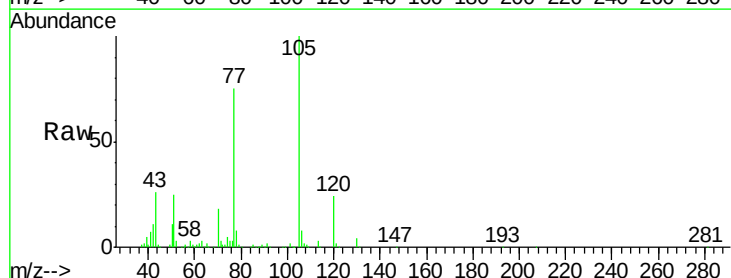
Instrument :
BNA_G
ClientSampleId :
RO-10MS

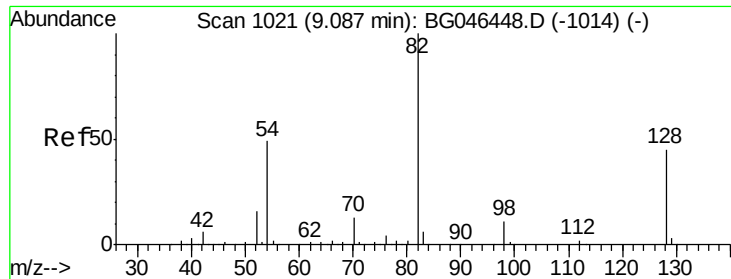
Tot Ion:136	Resp: 272208
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 7.7	6.1 9.1
68 5.7	4.8 7.2



#22
Acetophenone
Concen: 43.970 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt	Ion:105	Resp:	291349
Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.3	4.9#
51	25.4	20.6	31.0
120	24.4	19.0	28.6

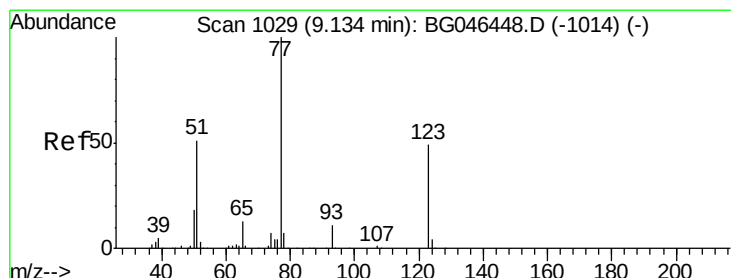
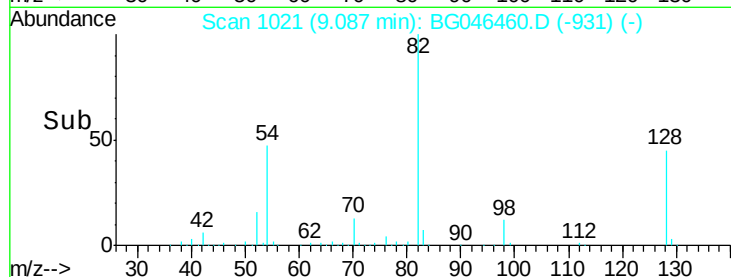
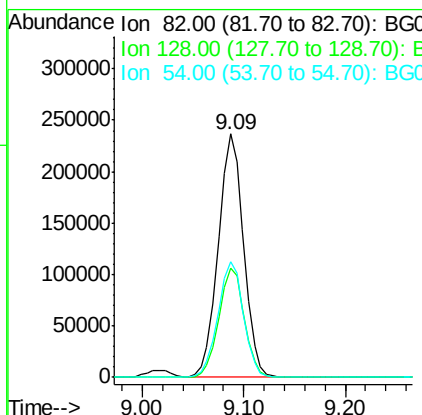
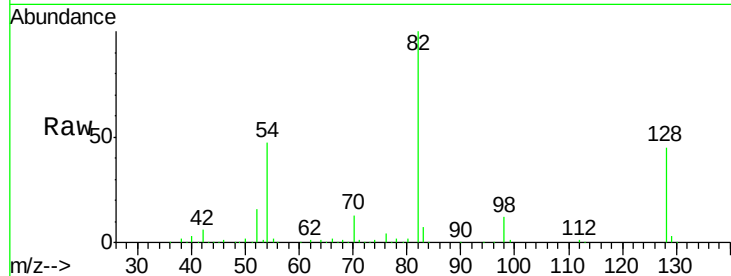




#23
 Nitrobenzene-d5
 Concen: 85.924 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

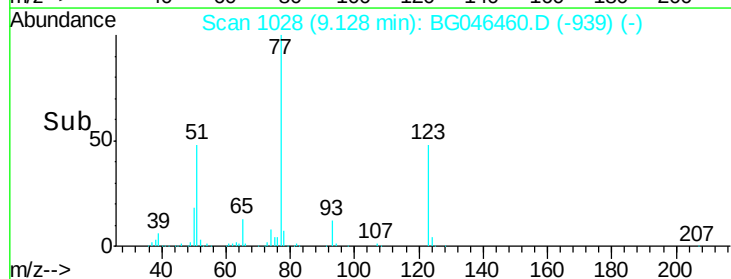
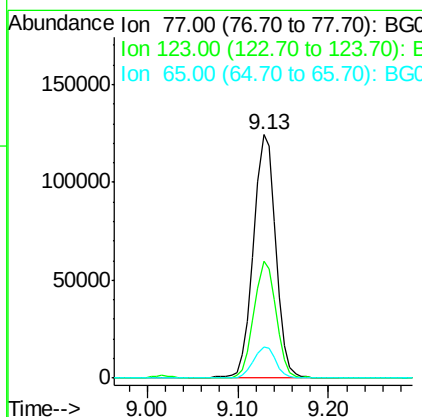
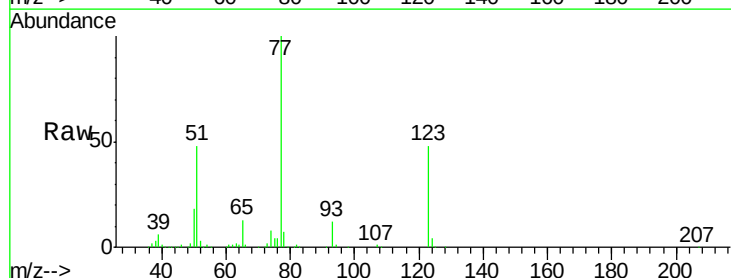
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

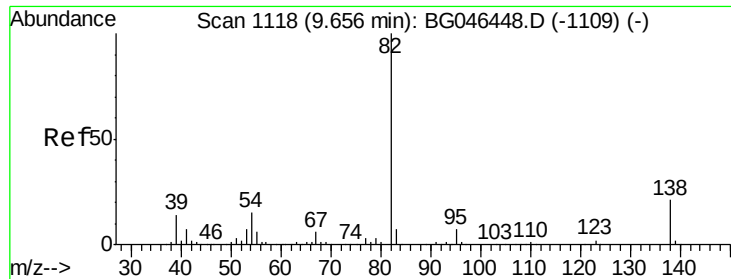
Tot Ion: 82 Resp: 409222
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.7 53.5
 54 47.4 39.4 59.0



#24
 Nitrobenzene
 Concen: 45.146 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion: 77 Resp: 212422
 Ion Ratio Lower Upper
 77 100
 123 48.2 39.6 59.4
 65 12.8 10.1 15.1





#25

Isophorone

Concen: 48.059 ng

RT: 9.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

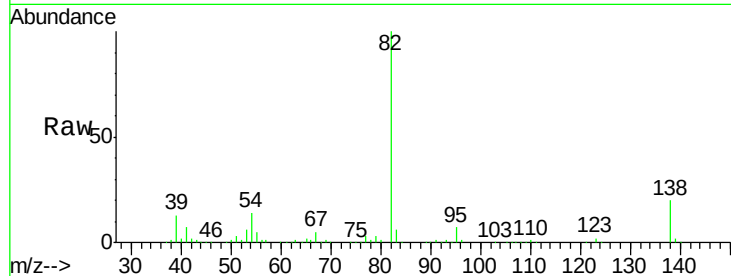
Tot Ion: 82 Resp: 419638

Ion Ratio Lower Upper

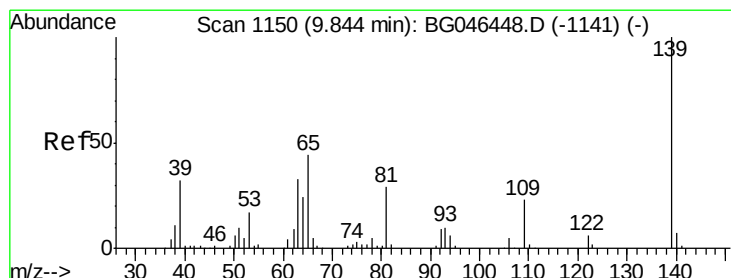
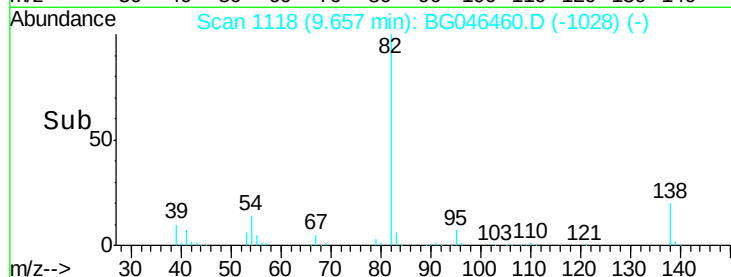
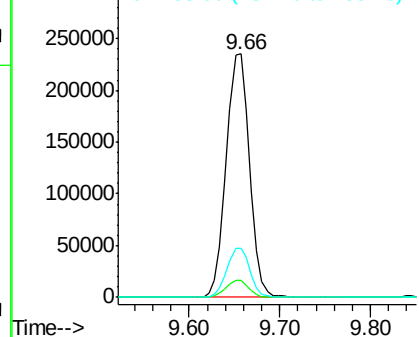
82 100

95 7.1 5.8 8.6

138 20.3 16.4 24.6



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: 47.660 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

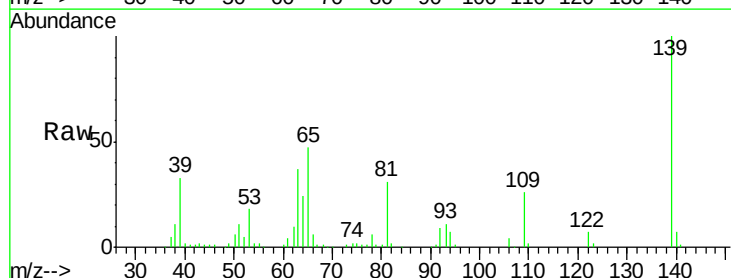
Tgt Ion: 139 Resp: 118315

Ion Ratio Lower Upper

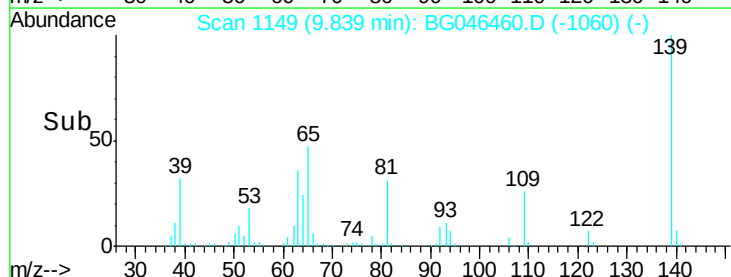
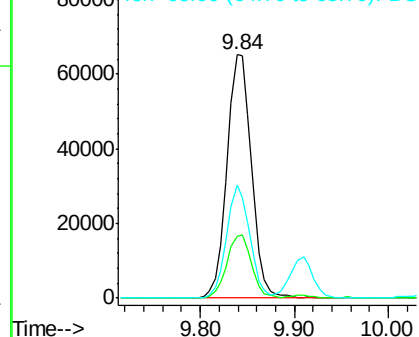
139 100

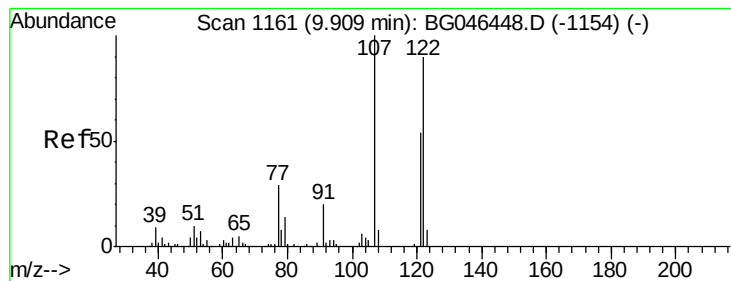
109 25.6 18.8 28.2

65 46.5 35.0 52.6



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

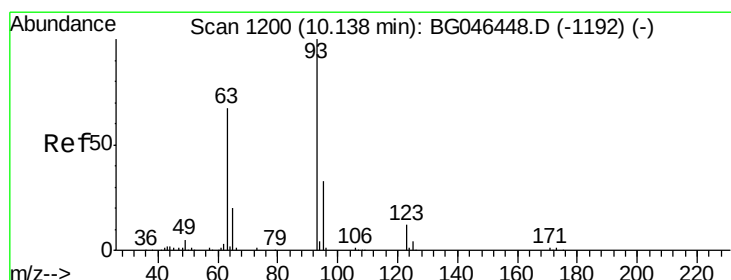
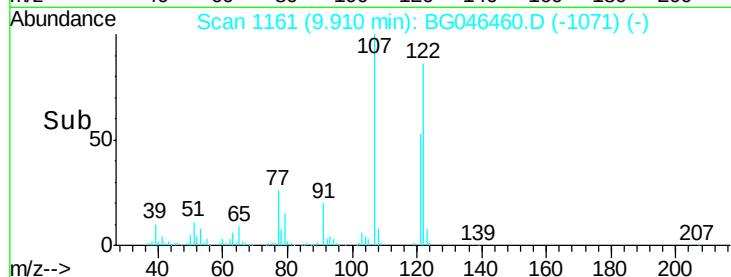
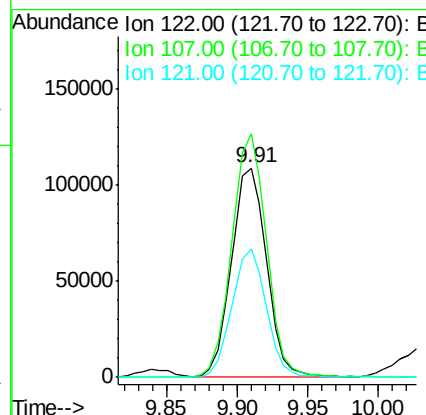
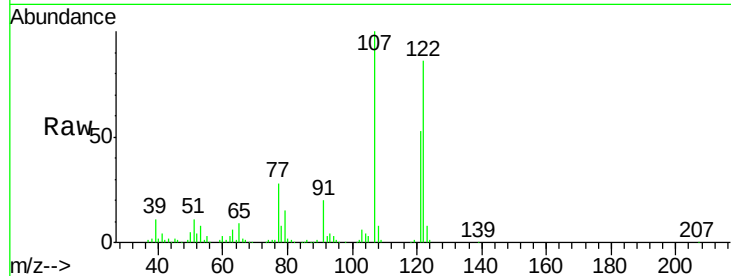




#27
 2,4-Dimethylphenol
 Concen: 55.074 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

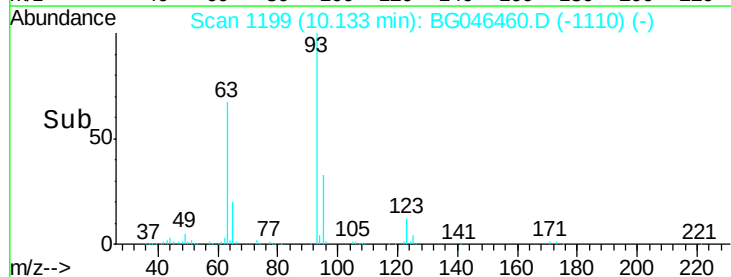
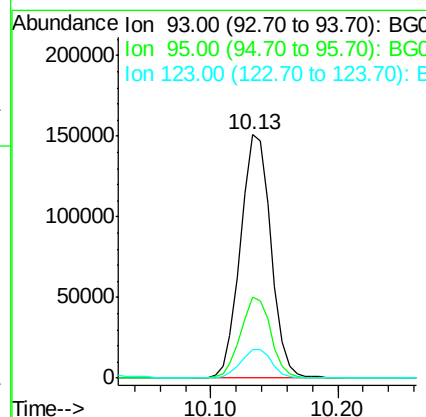
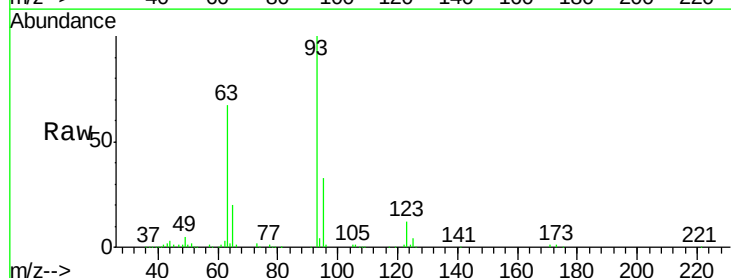
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

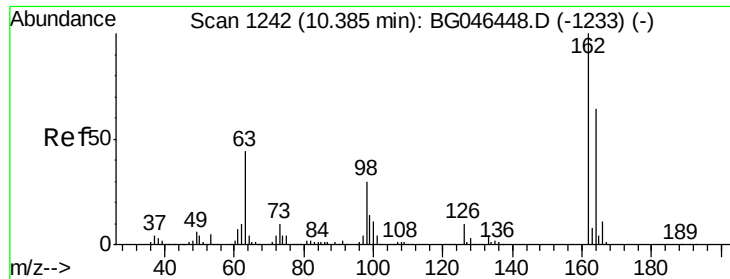
Tot Ion:122 Resp: 188045
 Ion Ratio Lower Upper
 122 100
 107 116.4 88.2 132.2
 121 61.4 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.659 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion: 93 Resp: 250990
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.1 39.1
 123 11.8 9.5 14.3

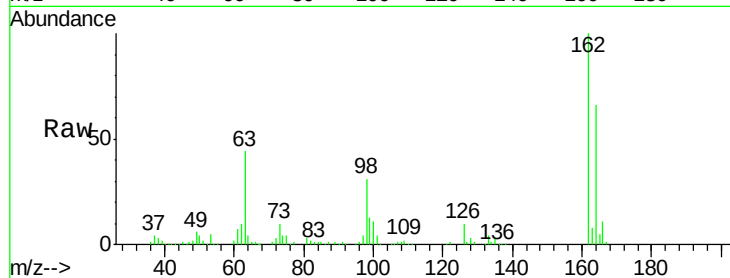




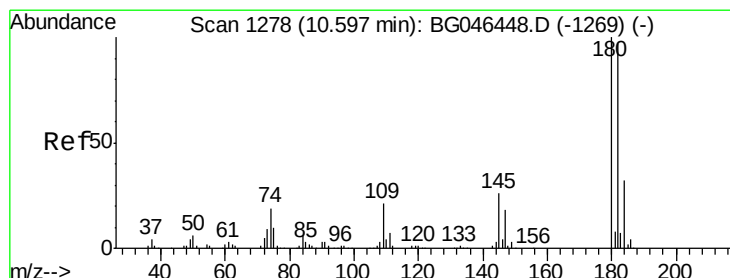
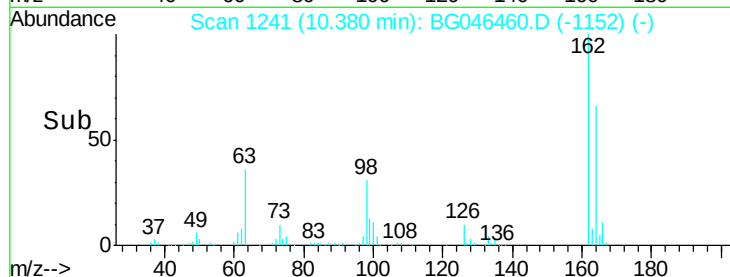
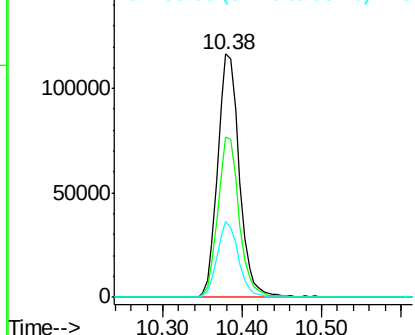
#29
2,4-Dichlorophenol
Concen: 48.755 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Instrument :
BNA_G
ClientSampleId :
RO-10MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.3	84.3
98	31.3	10.0	50.0

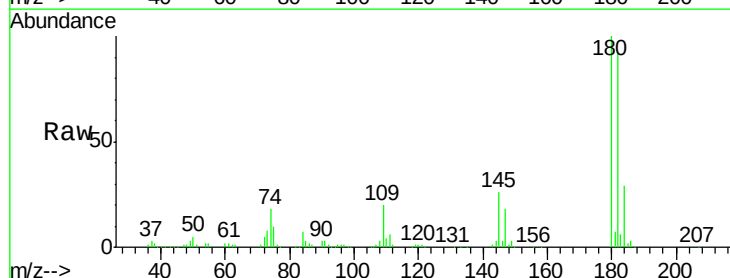


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

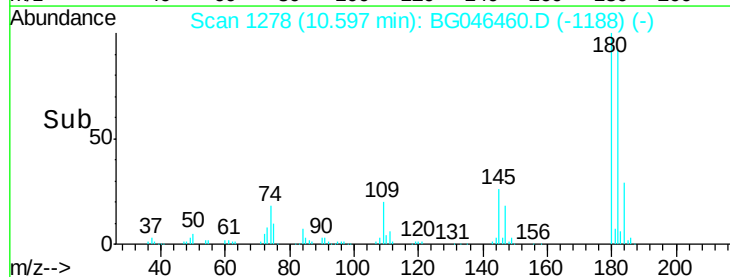
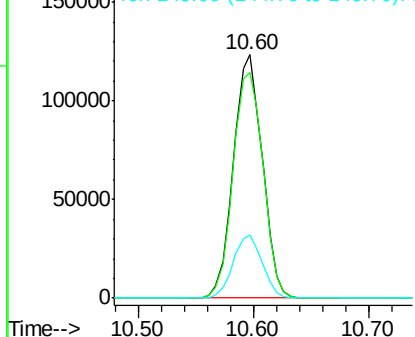


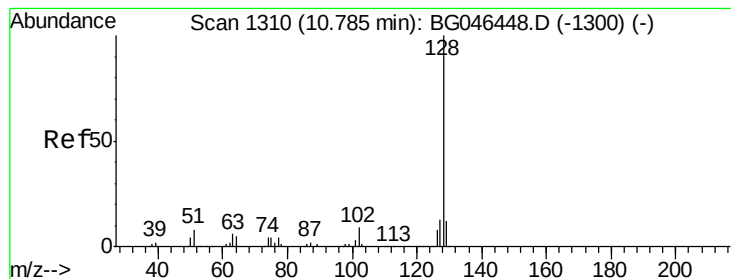
#30
1,2,4-Trichlorobenzene
Concen: 39.539 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	77.8	116.8
145	25.7	20.9	31.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.228 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

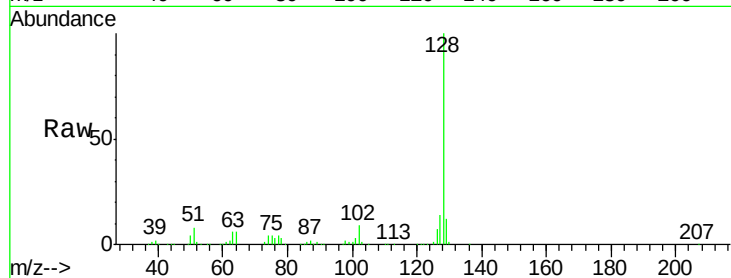
Tot Ion:128 Resp: 574537

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

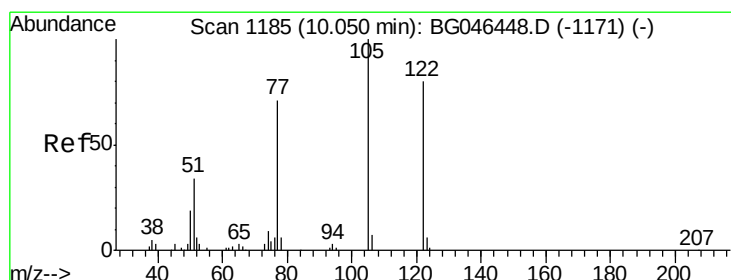
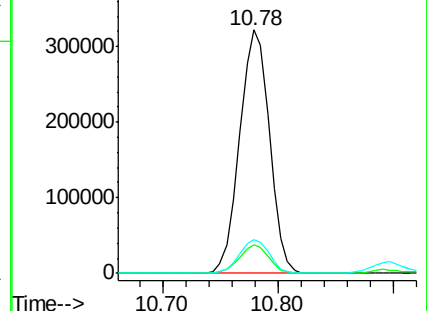
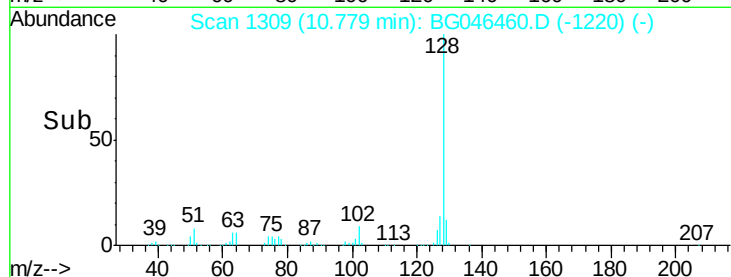
127 13.8 10.7 16.1



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: 23.105 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

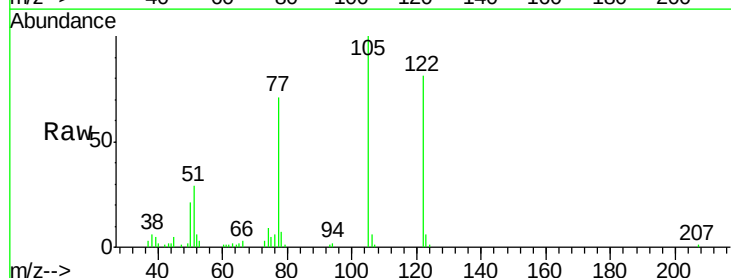
Tgt Ion:122 Resp: 44905

Ion Ratio Lower Upper

122 100

105 123.6 102.5 142.5

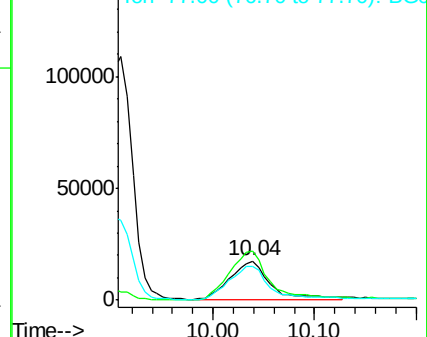
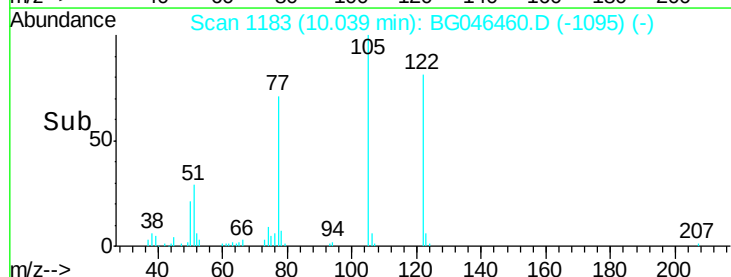
77 87.5 68.2 108.2

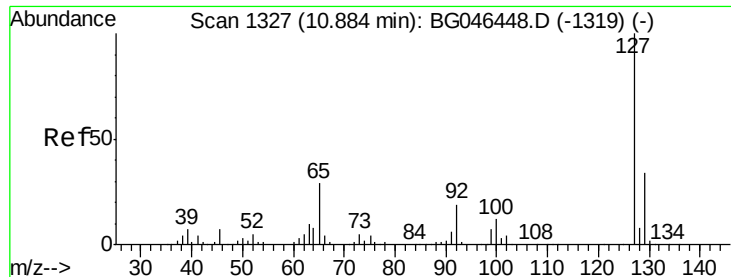


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

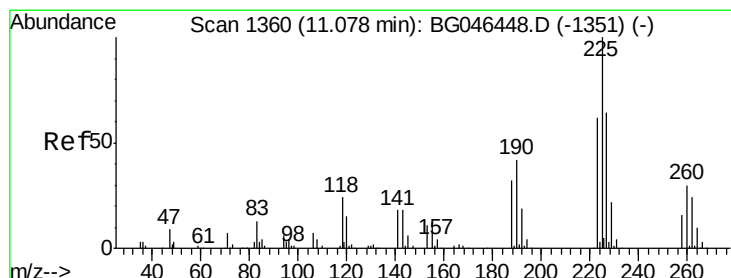
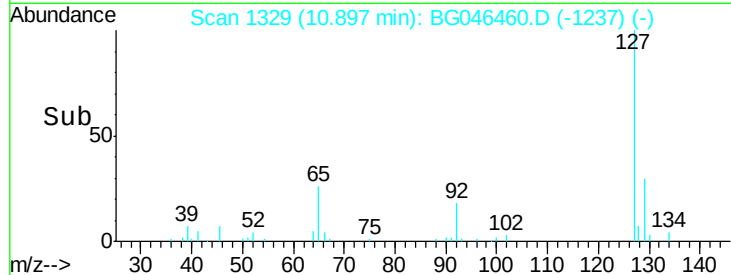
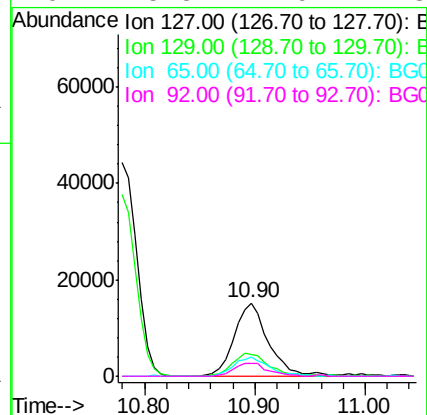
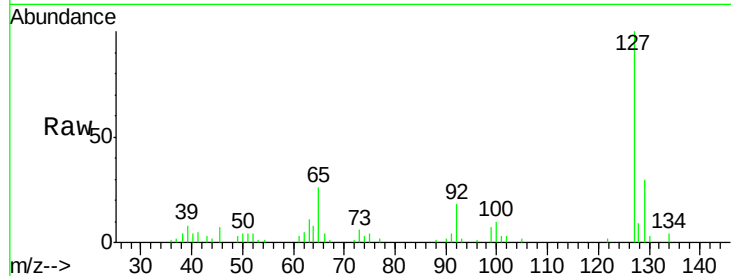




#33
4-Chloroaniline
Concen: 5.667 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

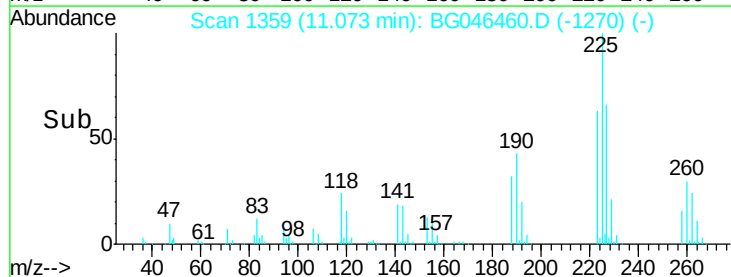
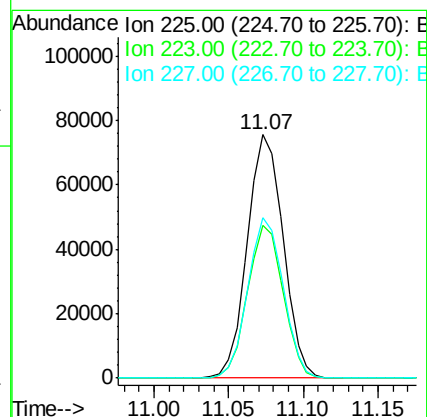
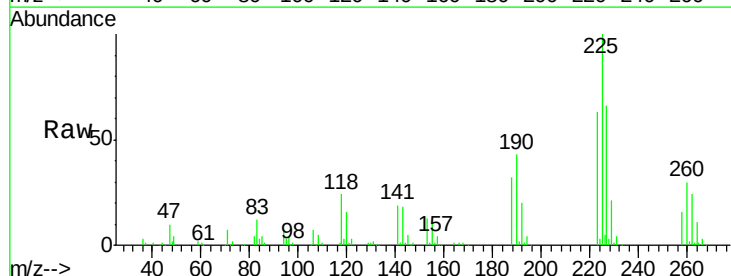
Instrument :
BNA_G
ClientSampleId :
RO-10MS

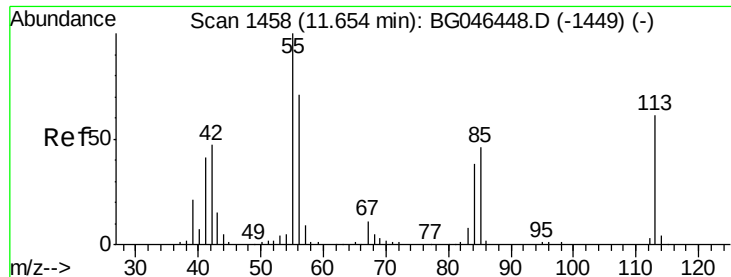
Tot Ion:127	Resp:	33211
Ion	Ratio	Lower Upper
127	100	
129	29.7	27.0 40.4
65	25.9	23.5 35.3
92	18.3	14.9 22.3



#34
Hexachlorobutadiene
Concen: 35.915 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion:225	Resp:	125912
Ion	Ratio	Lower Upper
225	100	
223	62.6	49.9 74.9
227	65.7	51.6 77.4

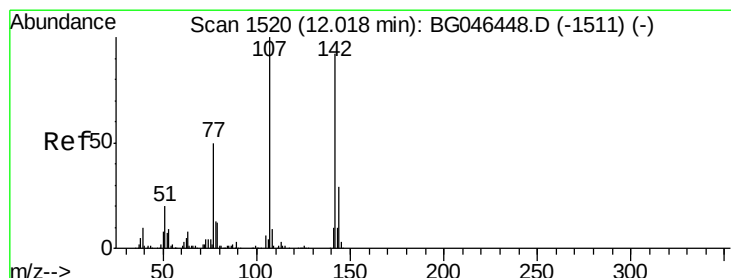
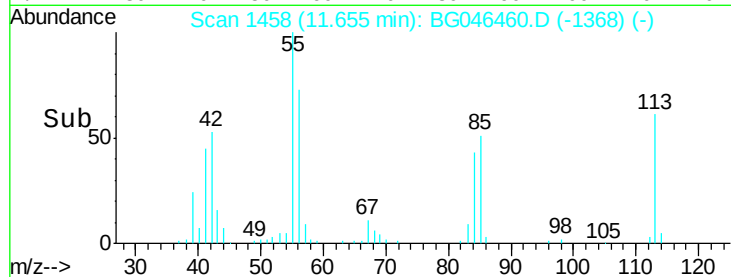
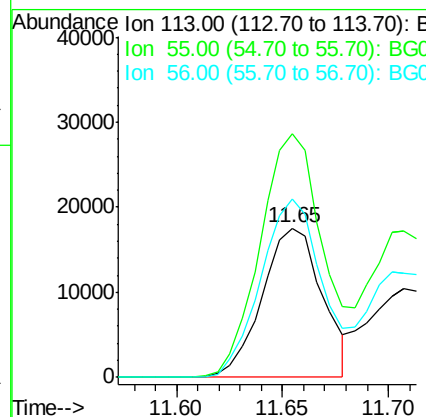
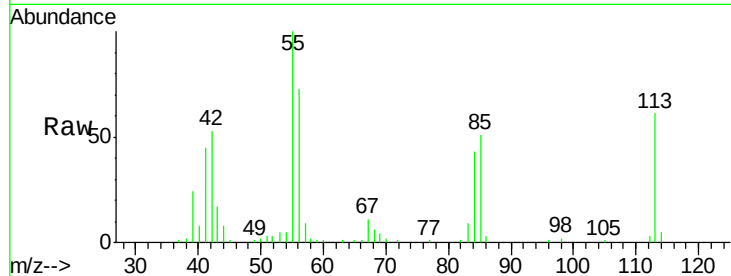




#35
 Caprolactam
 Concen: 20.354 ng
 RT: 11.65 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

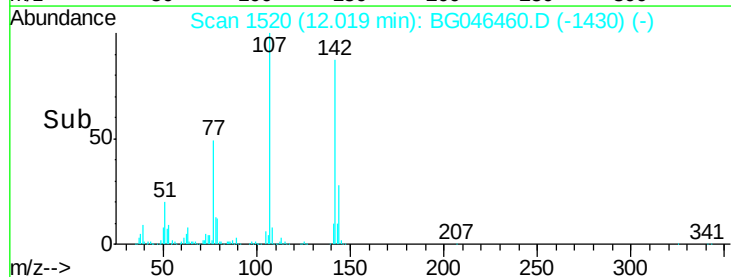
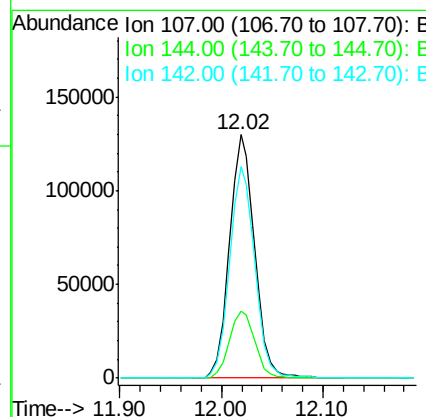
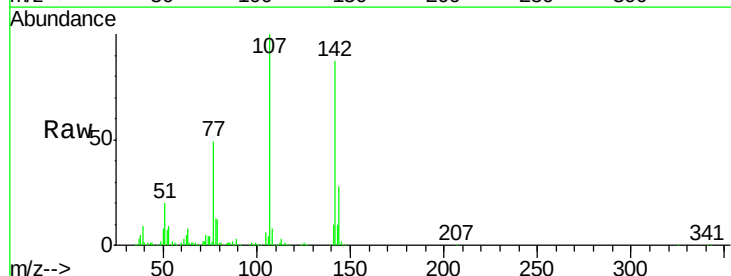
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

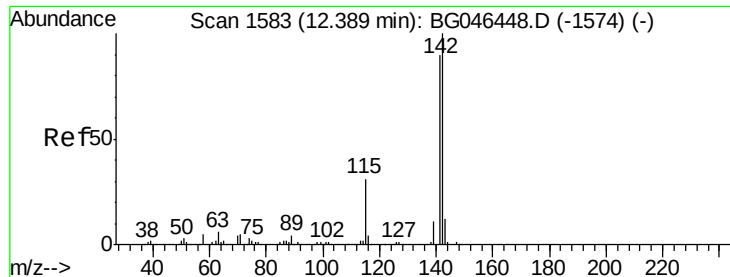
Tot Ion:113 Resp: 34630
 Ion Ratio Lower Upper
 113 100
 55 162.9 144.2 184.2
 56 119.3 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 49.979 ng
 RT: 12.02 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion:107 Resp: 222496
 Ion Ratio Lower Upper
 107 100
 144 27.5 23.3 34.9
 142 86.9 73.7 110.5

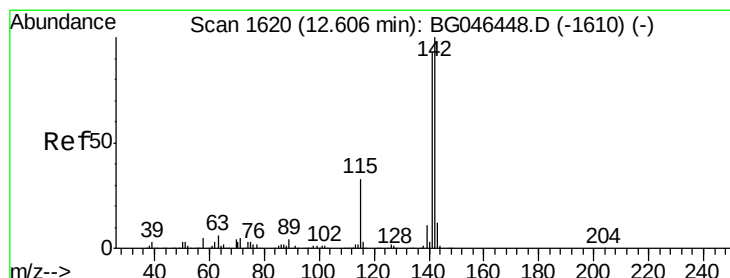
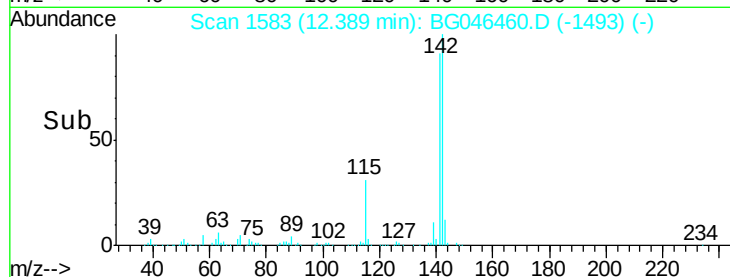
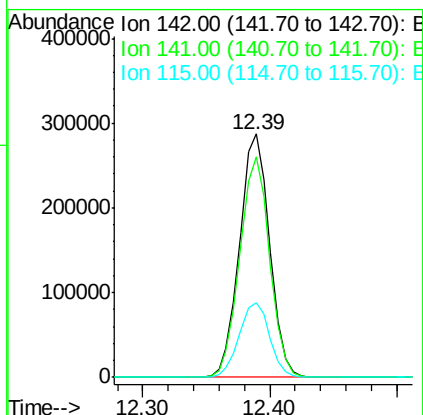
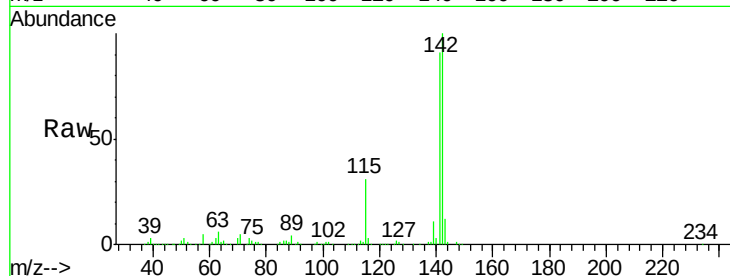




#37
2-Methylnaphthalene
Concen: 44.943 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

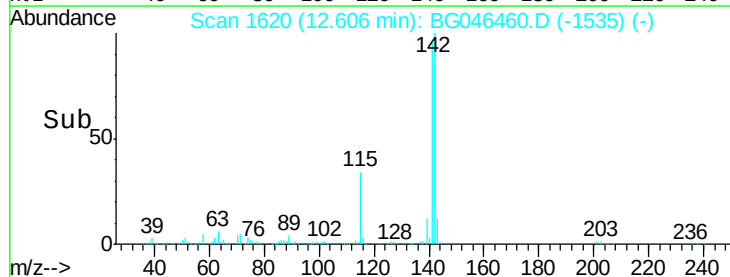
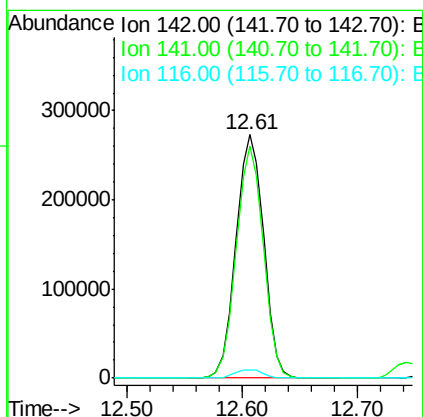
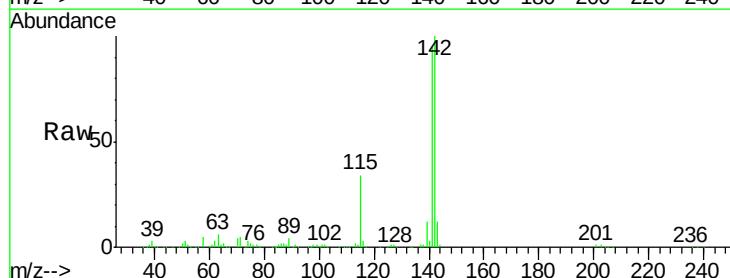
Instrument :
BNA_G
ClientSampleId :
RO-10MS

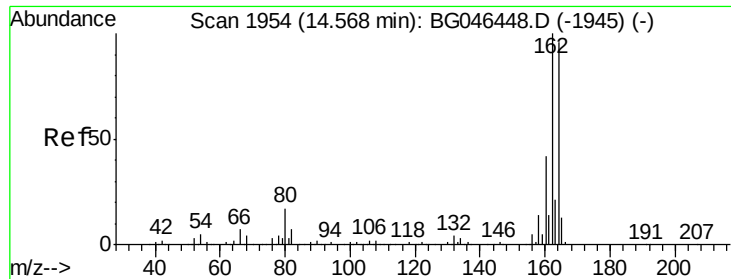
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.1	108.1
115	30.5	24.9	37.3



#38
1-Methylnaphthalene
Concen: 45.544 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	74.7	112.1
116	3.3	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

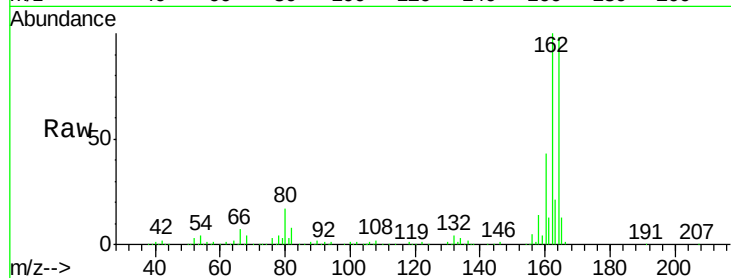
Tot Ion:164 Resp: 197900

Ion Ratio Lower Upper

164 100

162 101.7 83.3 124.9

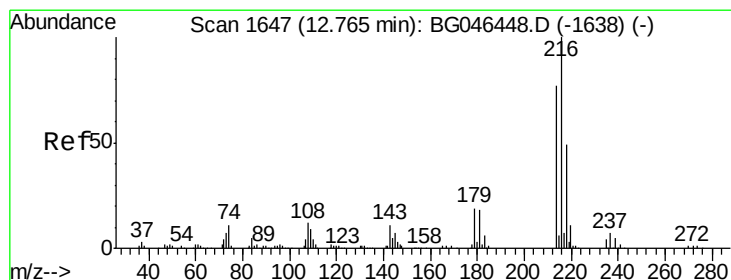
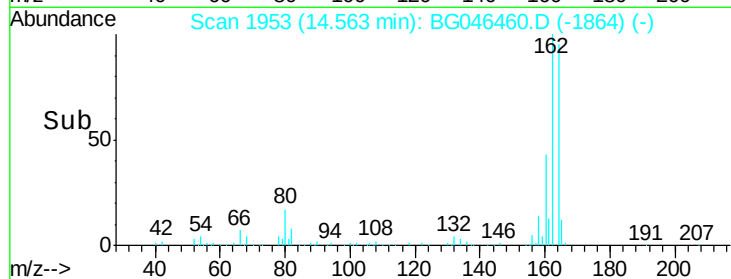
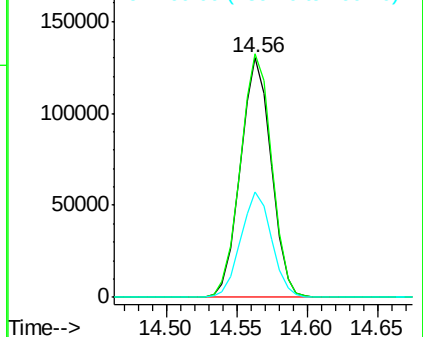
160 44.1 35.0 52.6



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: 42.705 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Tgt Ion:216 Resp: 278694

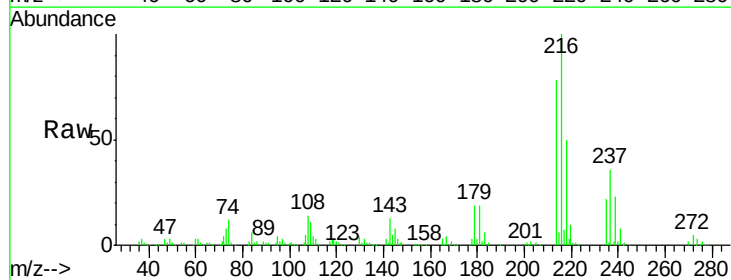
Ion Ratio Lower Upper

216 100

214 77.8 62.1 93.1

179 18.7 14.9 22.3

108 14.9 10.5 15.7

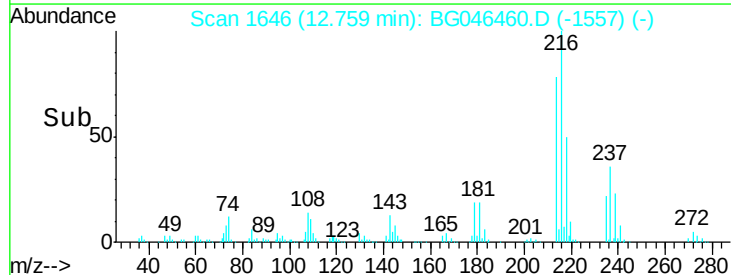
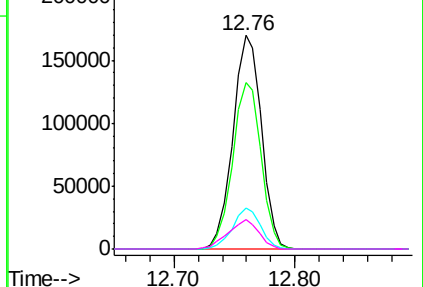


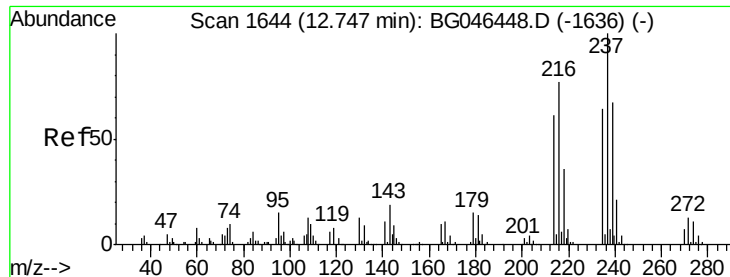
Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.317 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

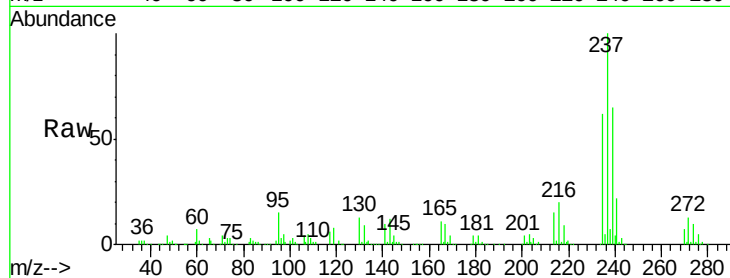
Tot Ion:237 Resp: 293178

Ion Ratio Lower Upper

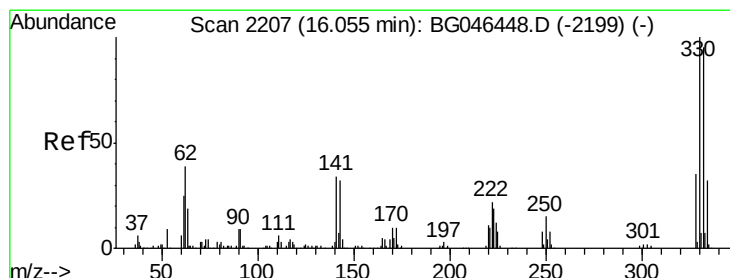
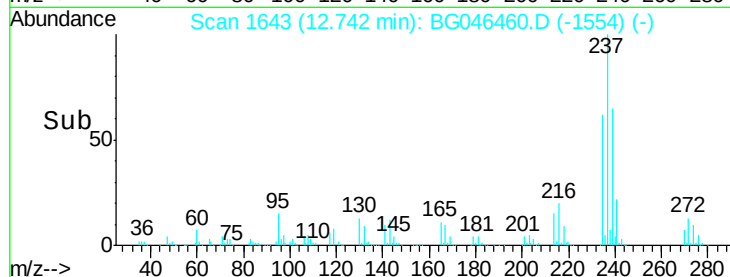
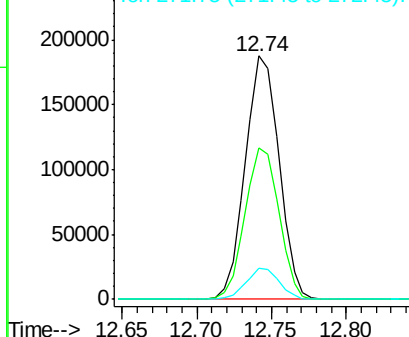
237 100

235 62.2 44.5 84.5

272 12.6 0.0 32.8



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: 117.419 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

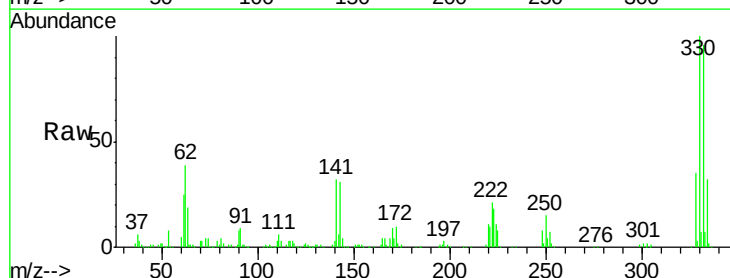
Tgt Ion:330 Resp: 314848

Ion Ratio Lower Upper

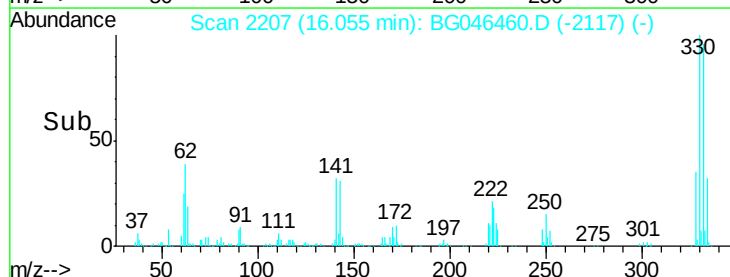
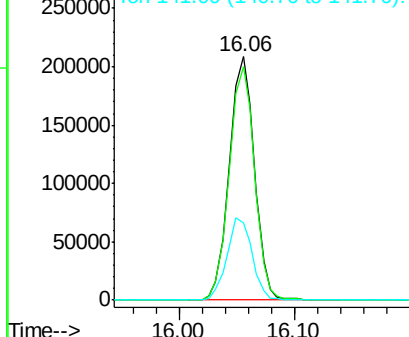
330 100

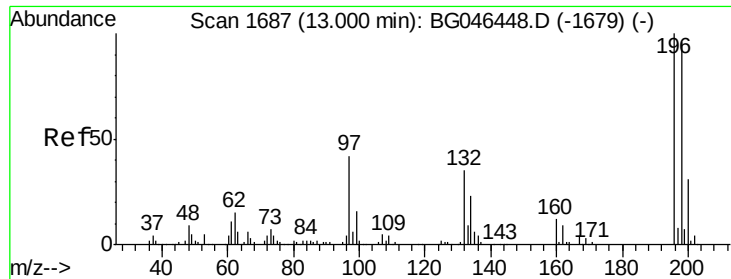
332 97.1 76.1 114.1

141 34.0 26.1 39.1



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

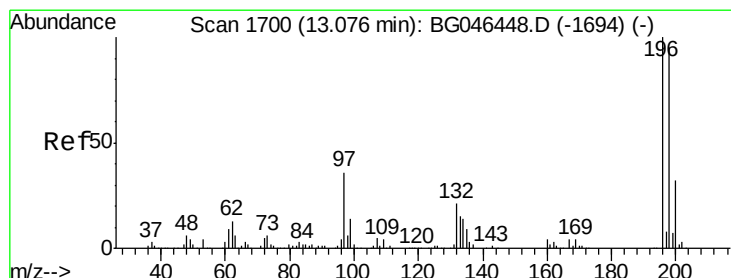
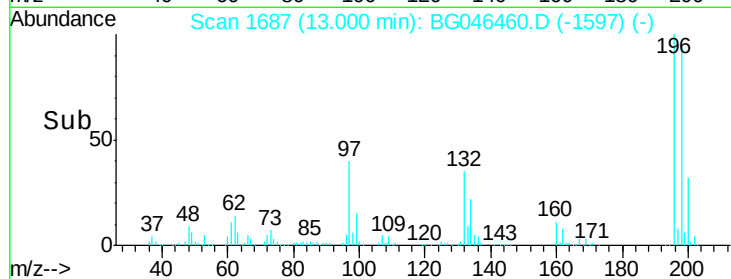
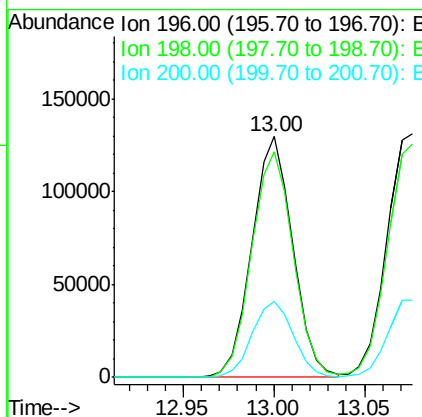
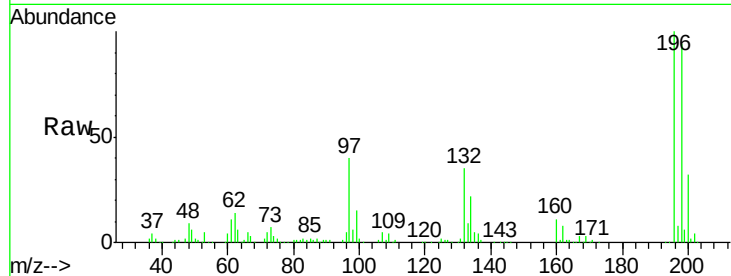




#43
 2,4,6-Trichlorophenol
 Concen: 45.920 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

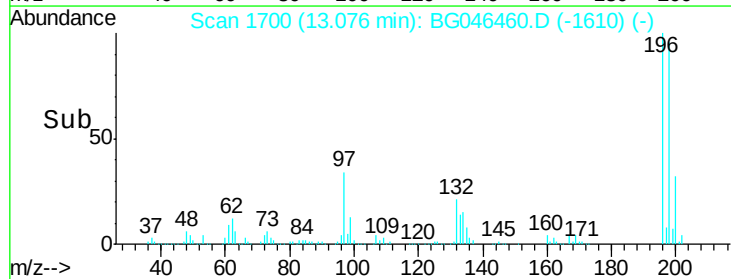
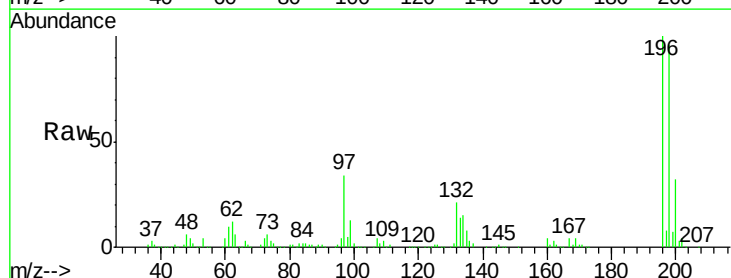
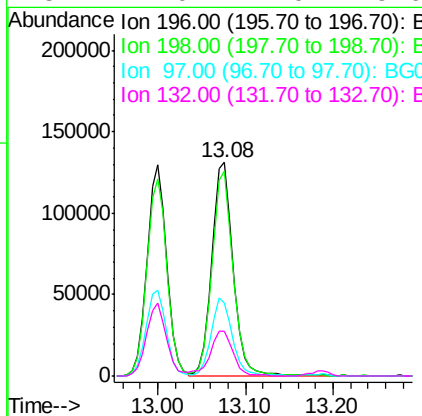
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

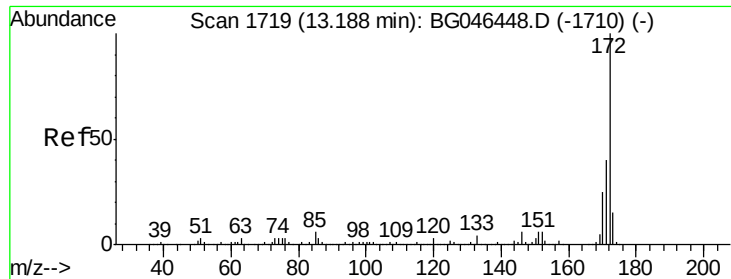
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	77.0	115.6
200	31.5	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 47.829 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.6	113.4
97	34.4	28.6	43.0
132	21.0	17.0	25.6

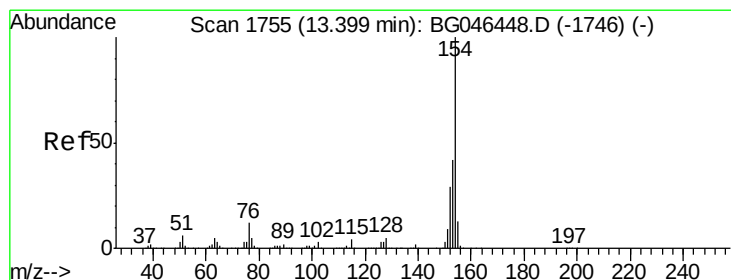
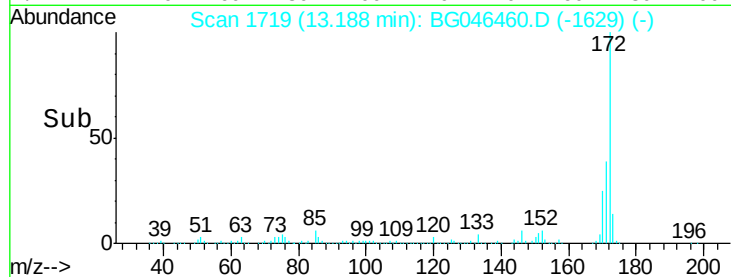
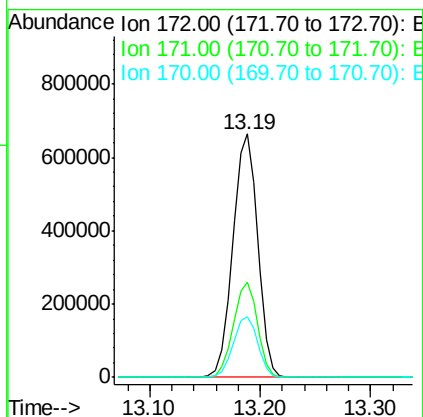
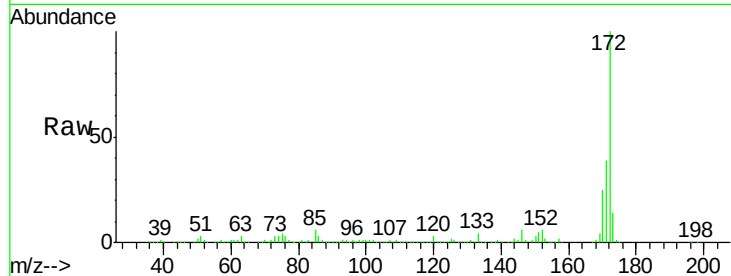




#45
2-Fluorobiphenyl
Concen: 80.739 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

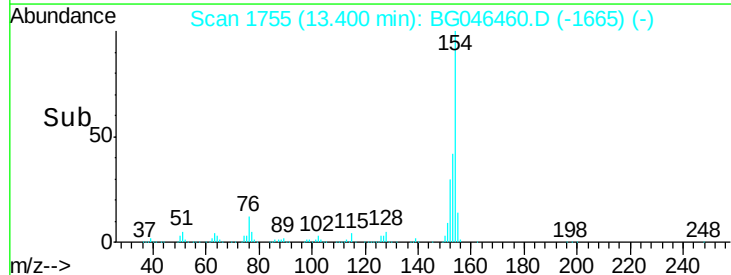
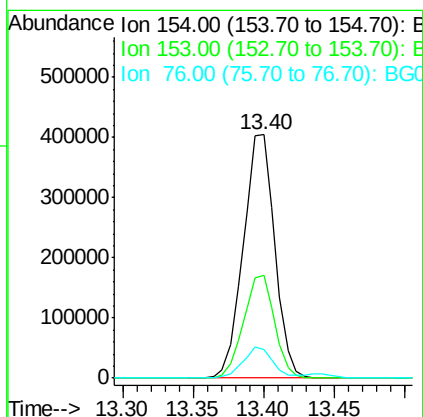
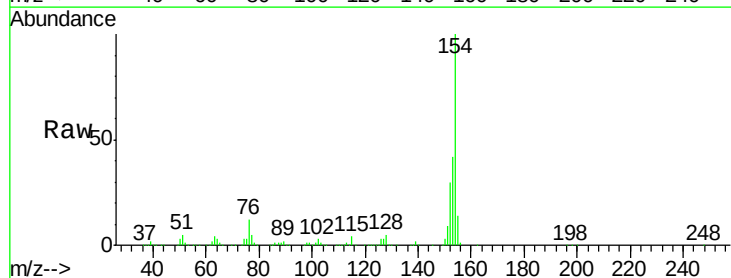
Instrument :
BNA_G
ClientSampleId :
RO-10MS

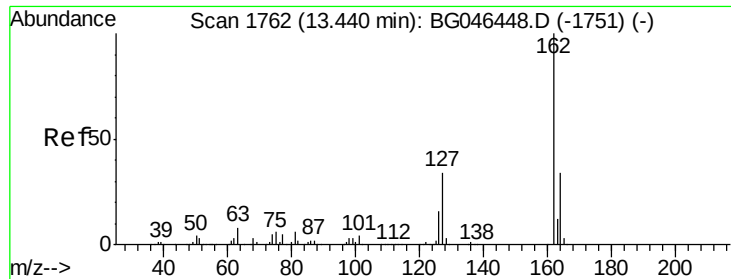
Tot Ion:172 Resp: 1046681
Ion Ratio Lower Upper
172 100
171 39.0 31.8 47.6
170 25.1 20.3 30.5



#46
1,1'-Biphenyl
Concen: 45.823 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion:154 Resp: 630933
Ion Ratio Lower Upper
154 100
153 42.4 22.0 62.0
76 12.0 0.0 32.3

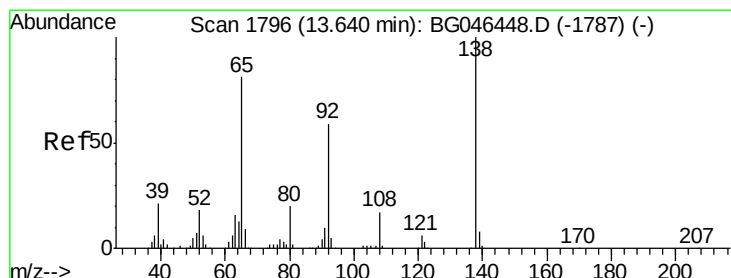
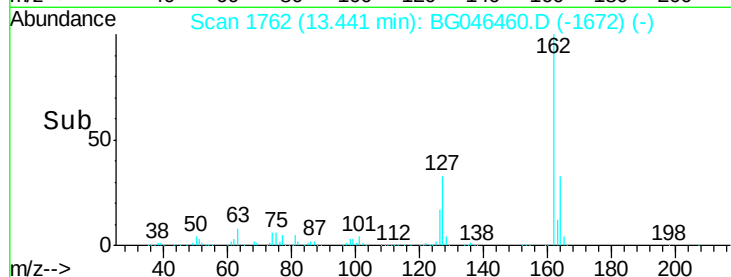
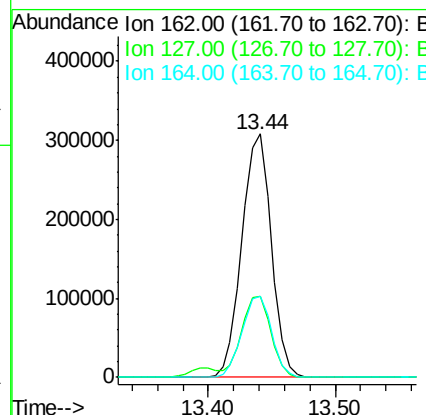
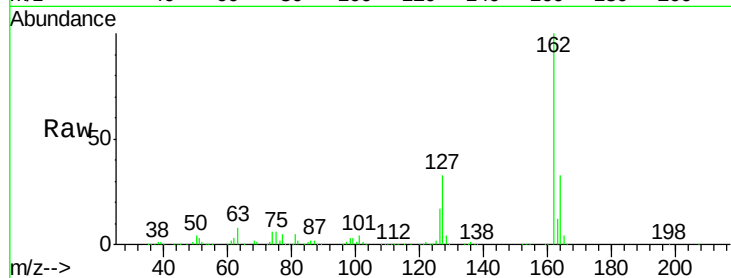




#47
 2-Chloronaphthalene
 Concen: 42.445 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

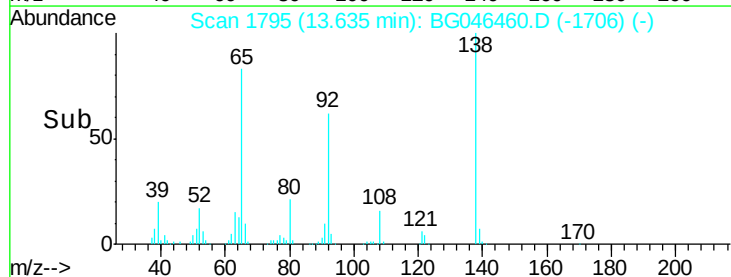
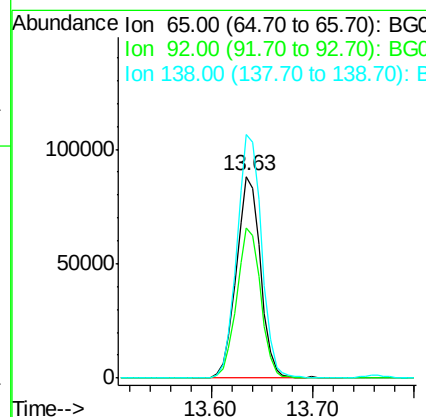
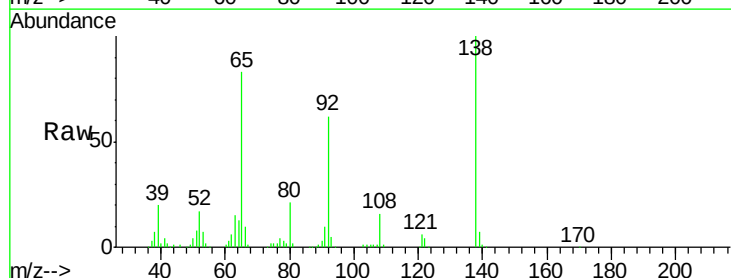
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

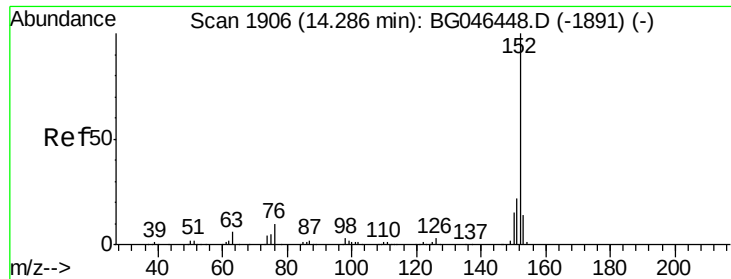
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.1	27.6	41.4
164	33.5	27.3	40.9



#48
 2-Nitroaniline
 Concen: 44.907 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	58.5	87.7
138	120.6	98.4	147.6





#49

Acenaphthylene

Concen: 46.327 ng

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

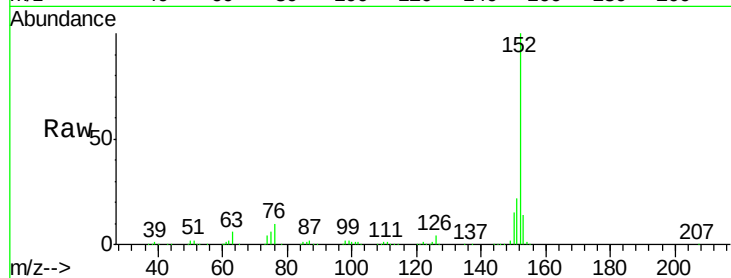
BNA_G

ClientSampleId :

RO-10MS

Tot Ion:152 Resp: 820387

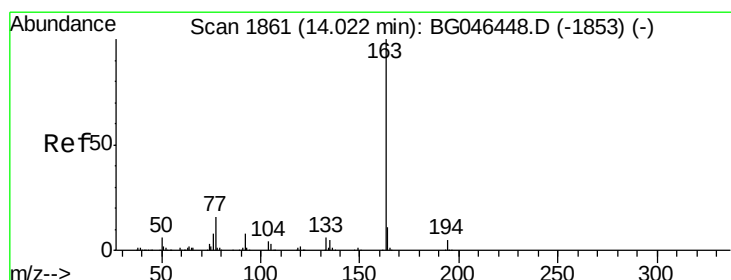
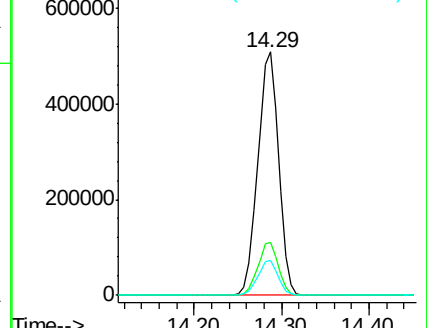
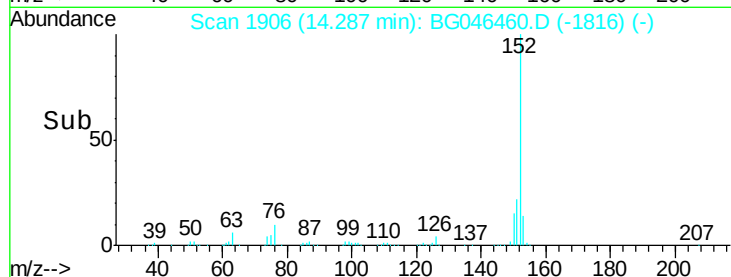
Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.7	26.5
153	14.3	11.2	16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.974 ng

RT: 14.02 min Scan# 1861

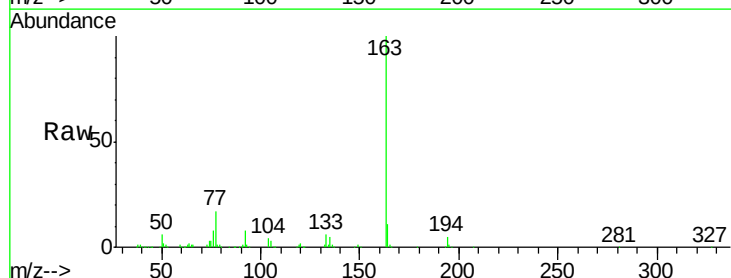
Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Tgt Ion:163 Resp: 688578

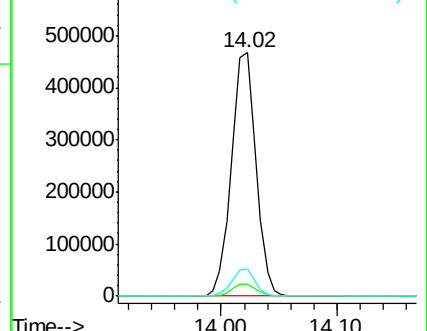
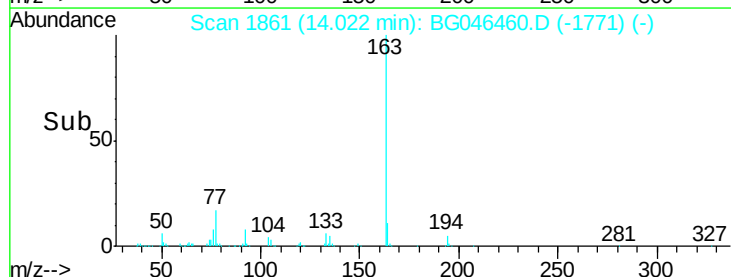
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.7	5.5
164	11.1	8.6	12.8

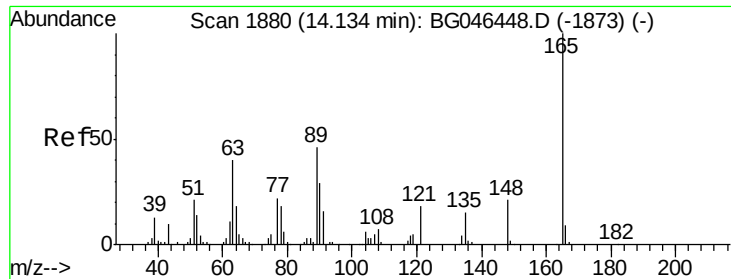


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

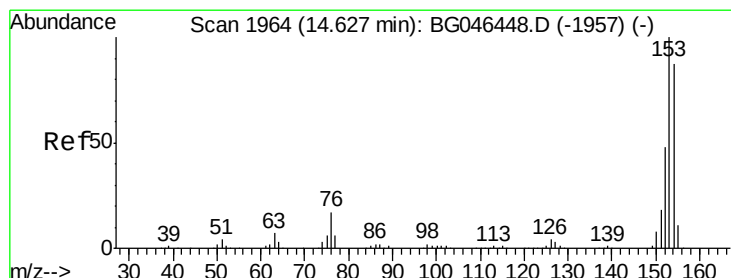
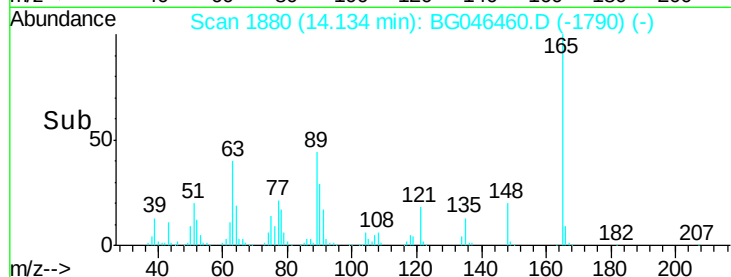
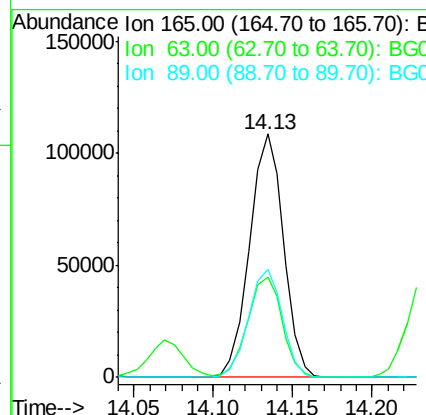
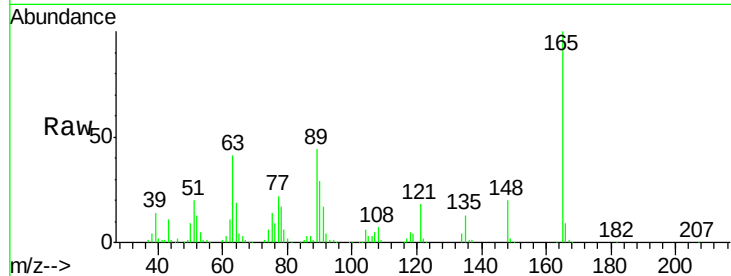




#51
2,6-Dinitrotoluene
Concen: 47.841 ng
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

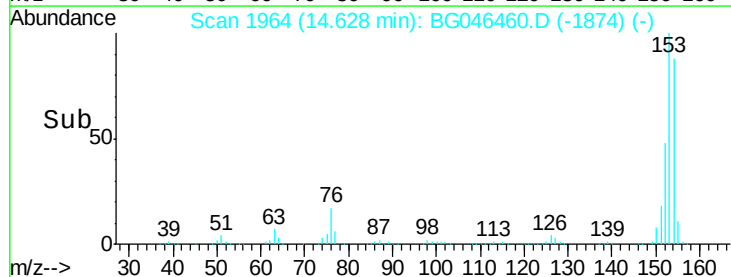
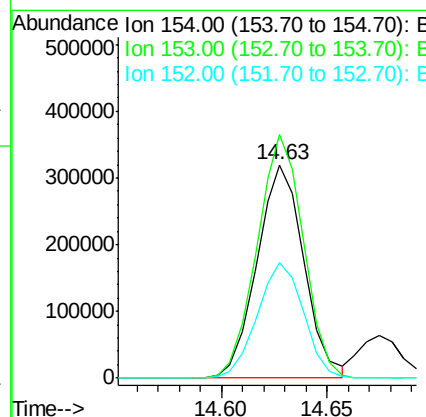
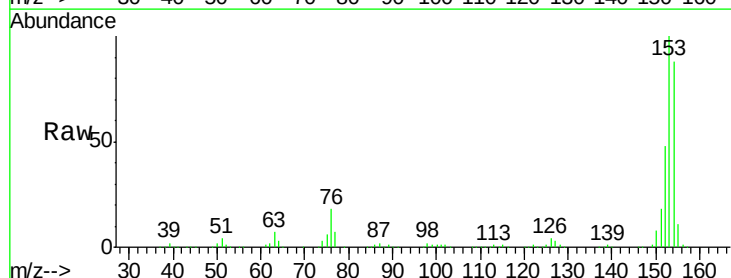
Instrument :
BNA_G
ClientSampleId :
RO-10MS

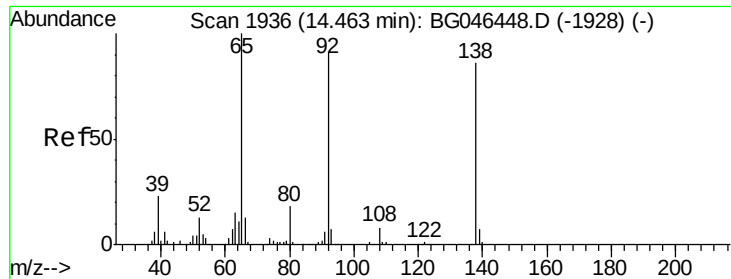
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.9	34.2	51.4
89	44.1	37.0	55.4



#52
Acenaphthene
Concen: 44.895 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.9	137.9
152	54.3	43.8	65.6





#53

3-Nitroaniline

Concen: 19.555 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

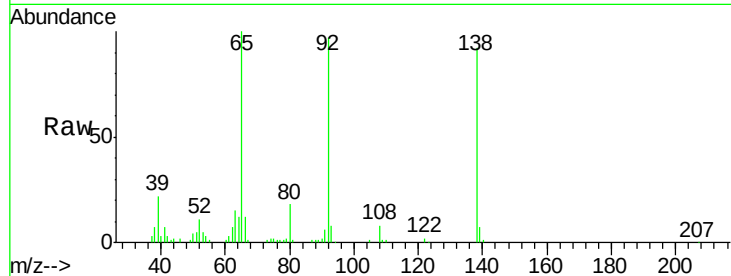
Tot Ion:138 Resp: 71488

Ion Ratio Lower Upper

138 100

108 9.1 7.0 10.6

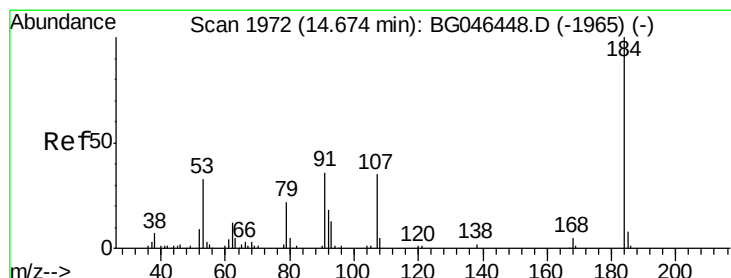
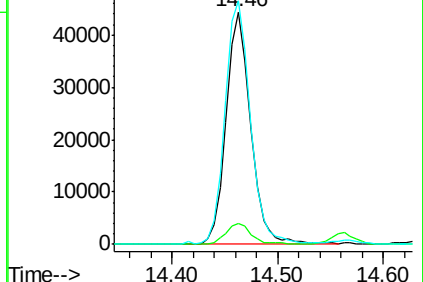
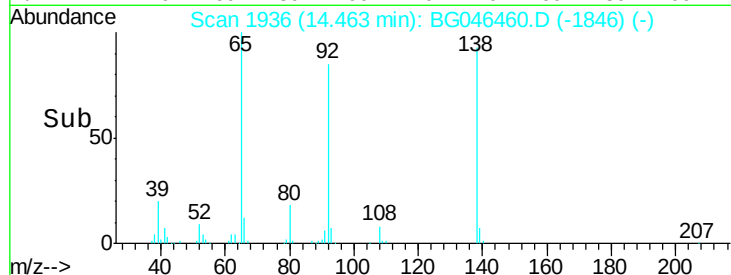
92 104.8 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 97.153 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

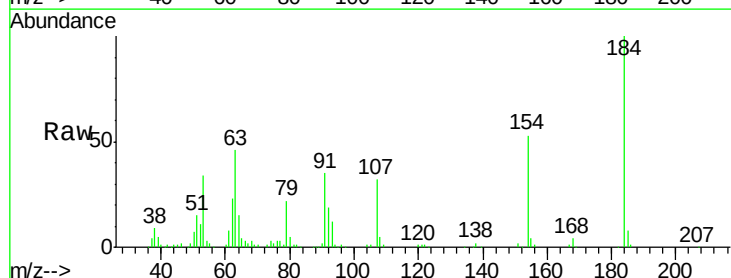
Tgt Ion:184 Resp: 191392

Ion Ratio Lower Upper

184 100

63 45.7 35.6 53.4

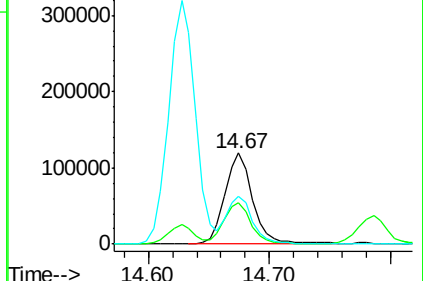
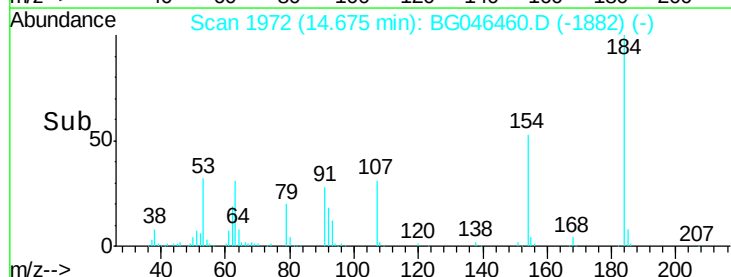
154 52.9 44.3 66.5

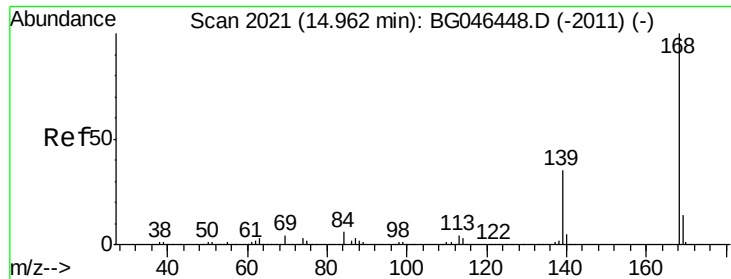


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

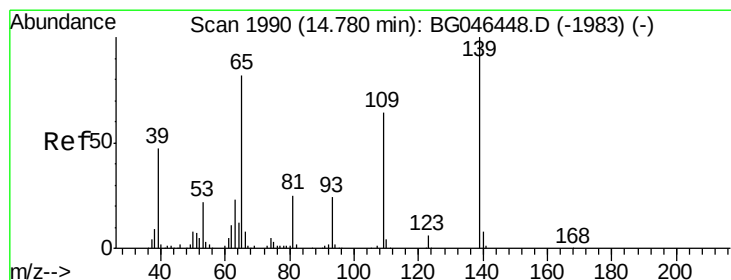
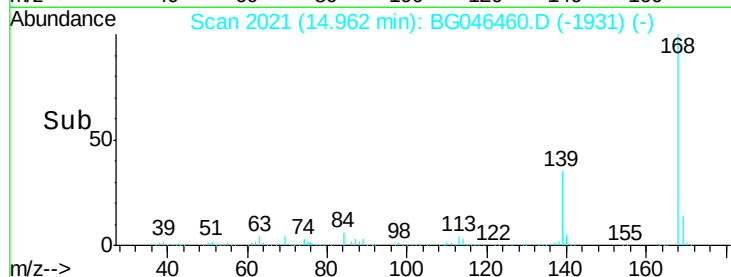
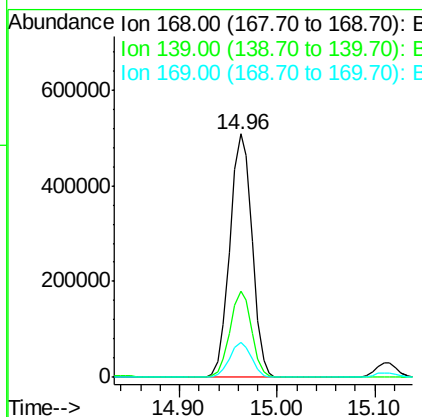
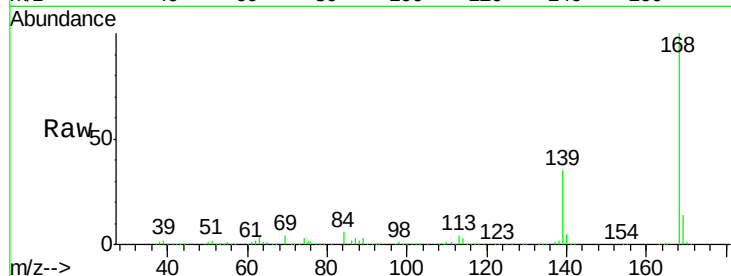




#55
Dibenzenofuran
Concen: 45.376 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

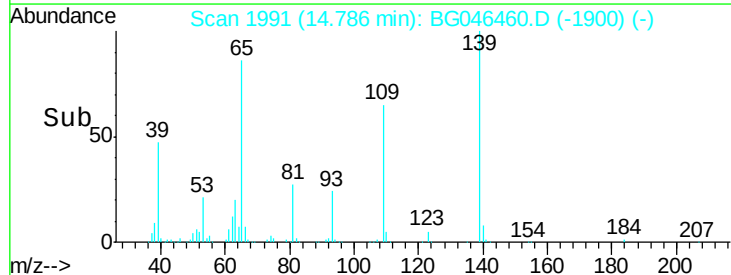
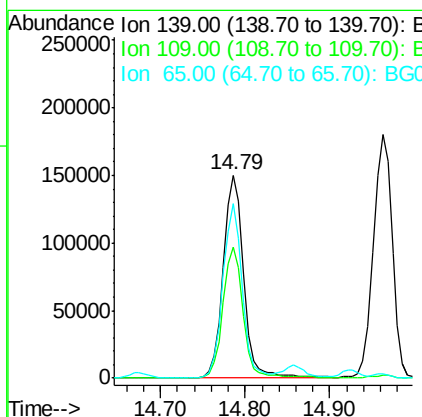
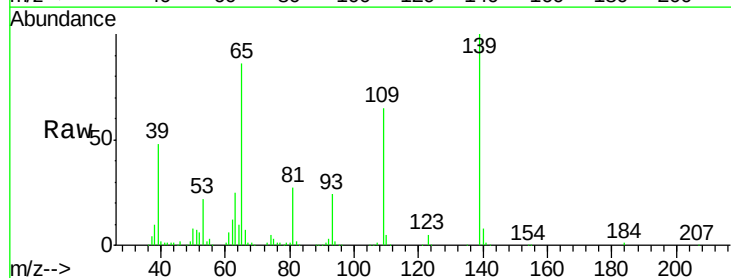
Instrument :
BNA_G
ClientSampleId :
RO-10MS

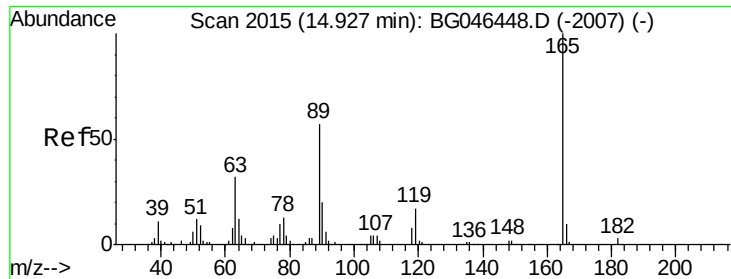
Tot Ion:168 Resp: 799120
Ion Ratio Lower Upper
168 100
139 35.5 28.1 42.1
169 14.2 11.5 17.3



#56
4-Nitrophenol
Concen: 93.747 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion:139 Resp: 252226
Ion Ratio Lower Upper
139 100
109 64.7 44.3 84.3
65 85.9 61.5 101.5

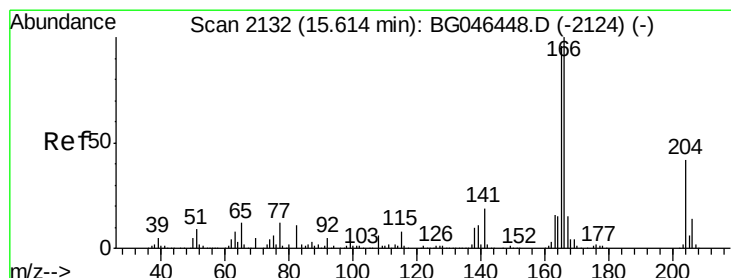
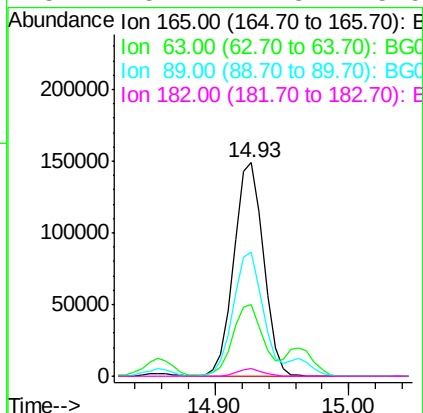
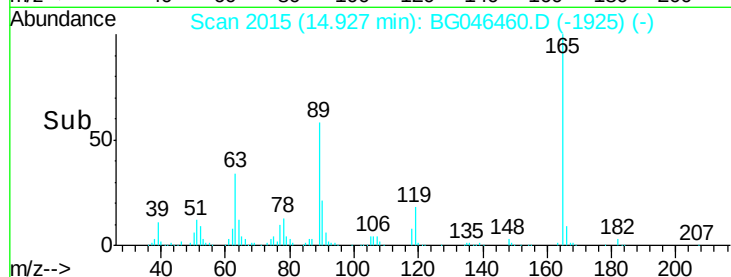
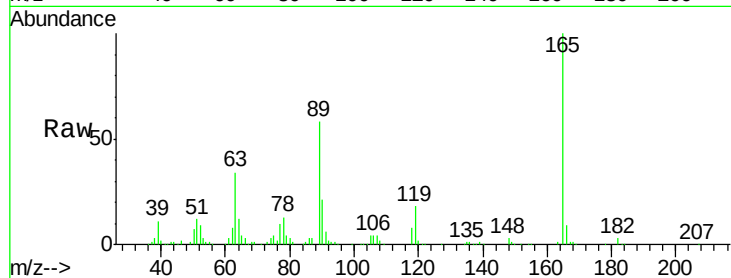




#57
 2,4-Dinitrotoluene
 Concen: 47.800 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

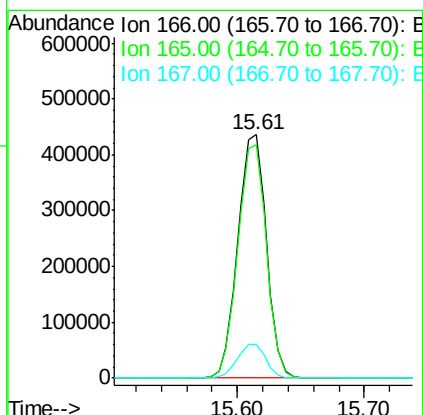
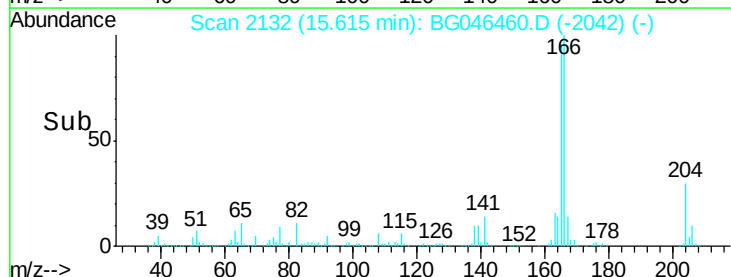
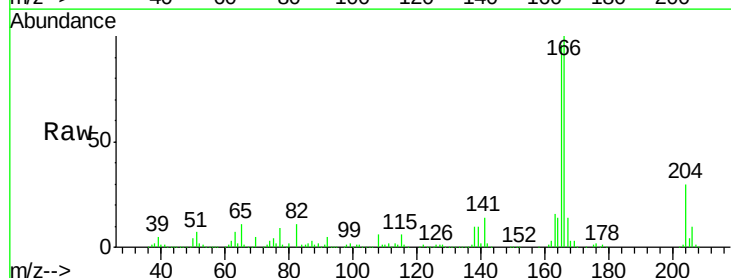
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

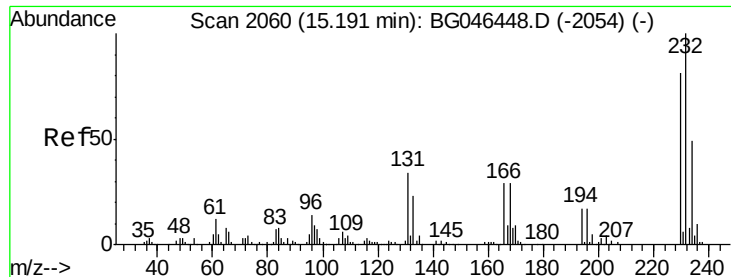
Tot Ion:165	Resp:	230027
Ion	Ratio	Lower Upper
165	100	
63	33.5	25.4 38.0
89	58.4	45.9 68.9
182	3.4	2.3 3.5



#58
 Fluorene
 Concen: 45.805 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion:166	Resp:	677045
Ion	Ratio	Lower Upper
166	100	
165	96.1	77.0 115.4
167	13.6	11.8 17.6

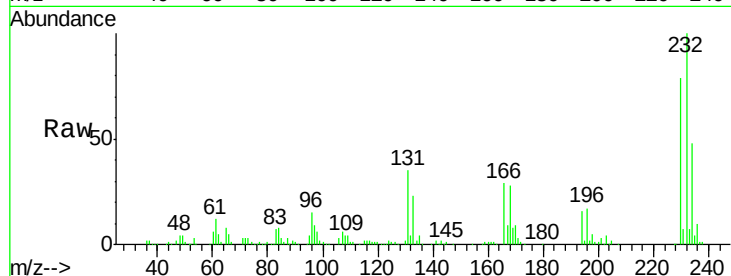




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.707 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Instrument :
BNA_G
ClientSampleId :
RO-10MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.7	26.8	40.2
130	1.9	1.4	2.2
166	27.4	22.8	34.2

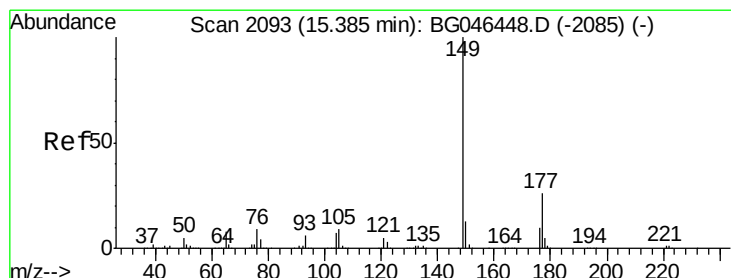
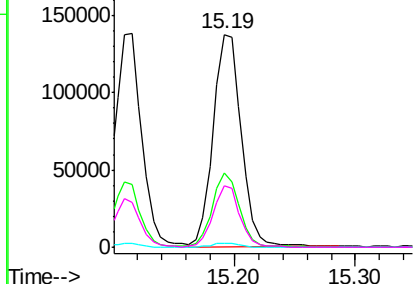
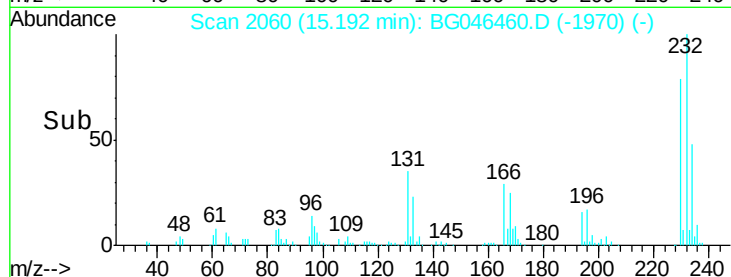


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

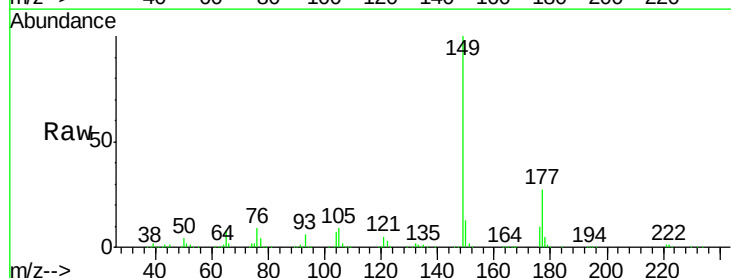
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.199 ng
RT: 15.39 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

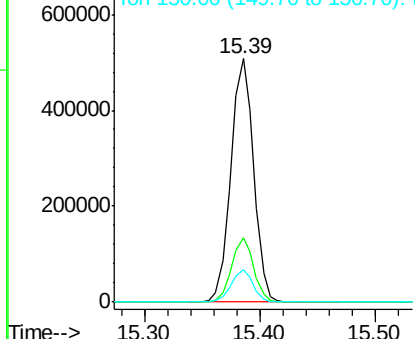
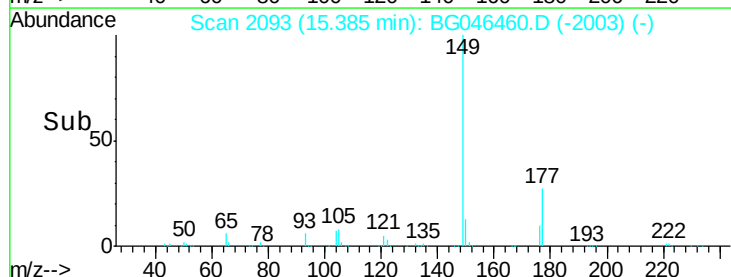
Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.6	20.6	30.8
150	13.2	10.3	15.5

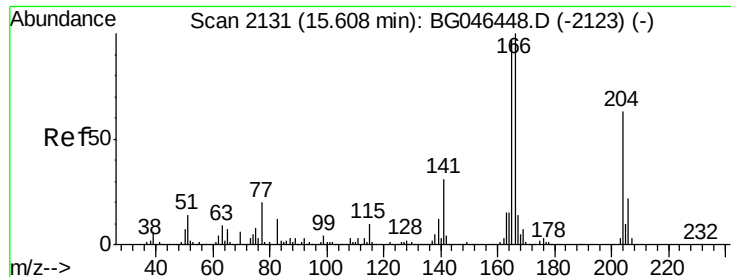


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

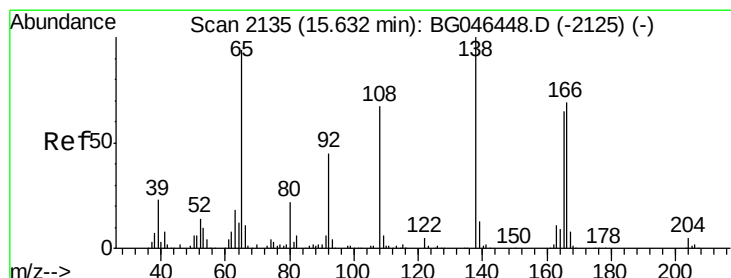
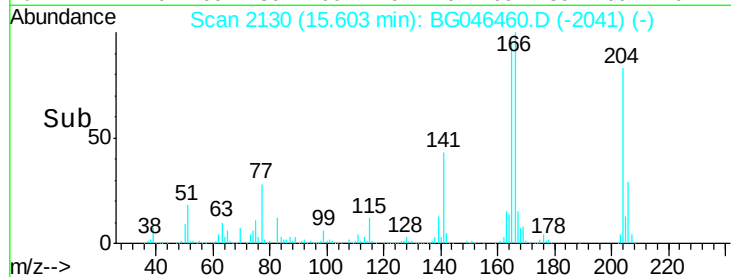
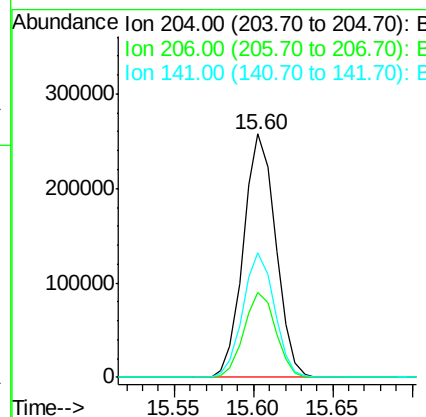
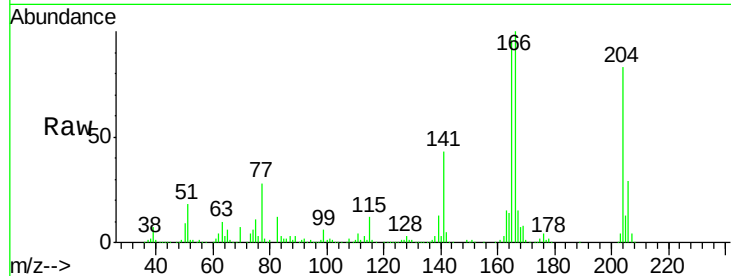




#61
 4-Chlorophenyl-phenylether
 Concen: 44.686 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

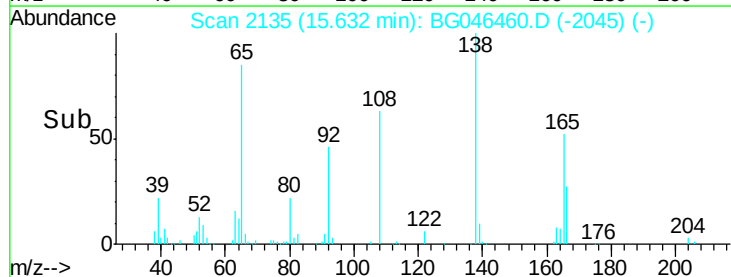
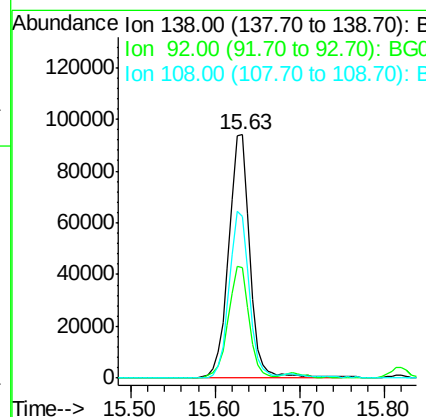
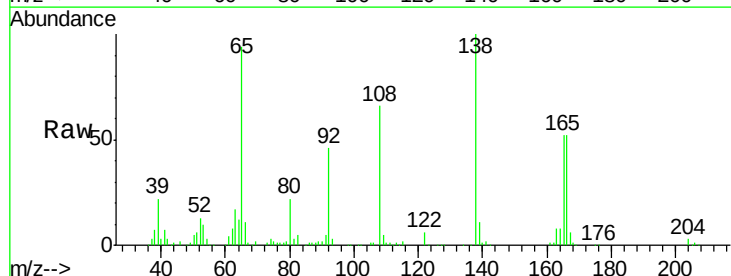
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

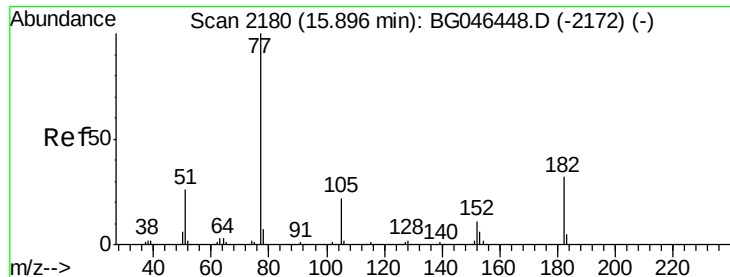
Tot Ion:204 Resp: 363761
 Ion Ratio Lower Upper
 204 100
 206 34.9 27.7 41.5
 141 51.1 38.7 58.1



#62
 4-Nitroaniline
 Concen: 42.251 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion:138 Resp: 162978
 Ion Ratio Lower Upper
 138 100
 92 45.6 25.3 65.3
 108 66.4 46.7 86.7





#63

Azobenzene

Concen: 46.770 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

Tot Ion: 77 Resp: 567923

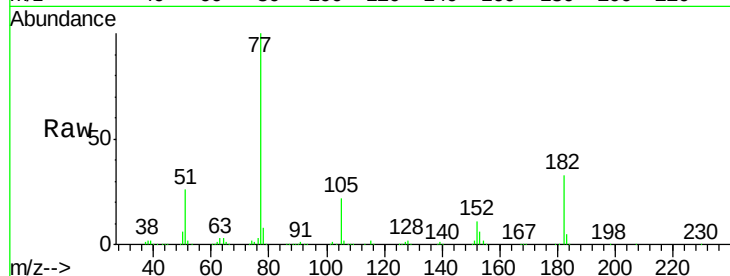
Ion Ratio Lower Upper

77 100

182 33.3 12.3 52.3

105 22.5 2.3 42.3

51 26.5 6.5 46.5

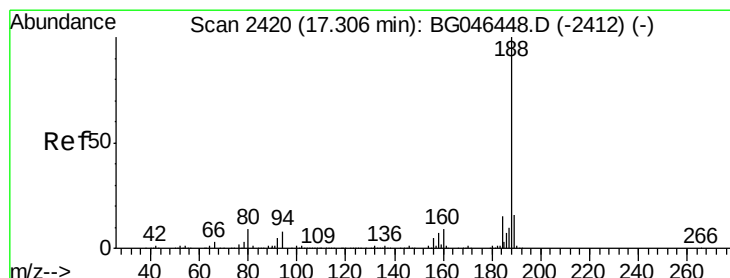
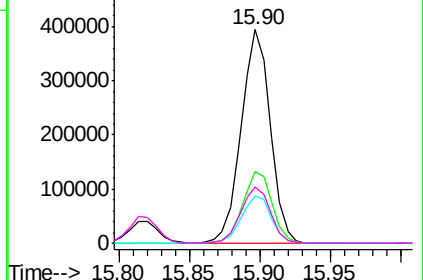
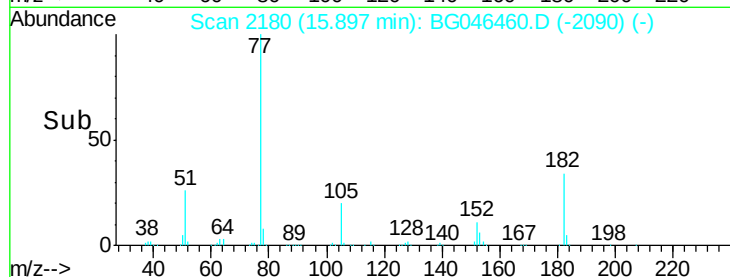


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

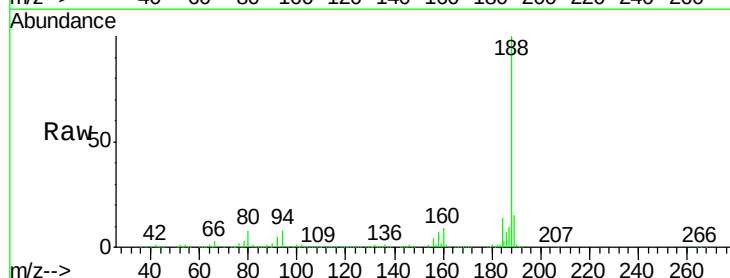
Tgt Ion: 188 Resp: 504884

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

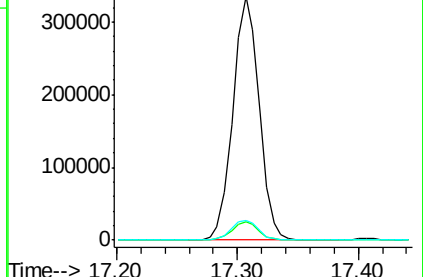
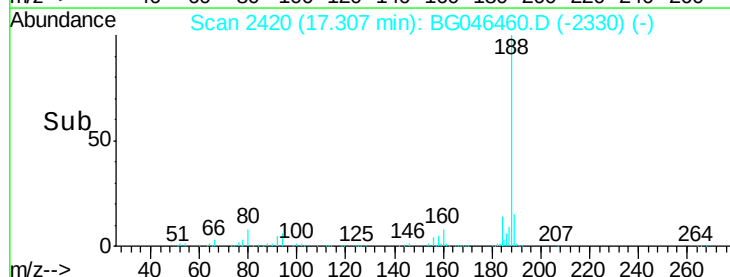
80 8.0 6.9 10.3

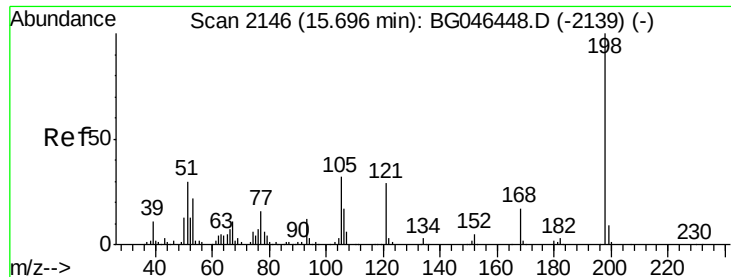


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 51.298 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

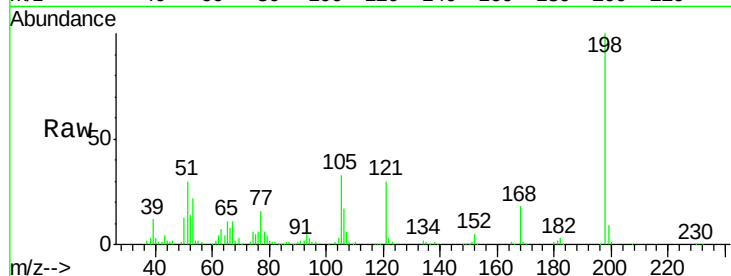
Tot Ion:198 Resp: 146594

Ion Ratio Lower Upper

198 100

51 30.2 10.4 50.4

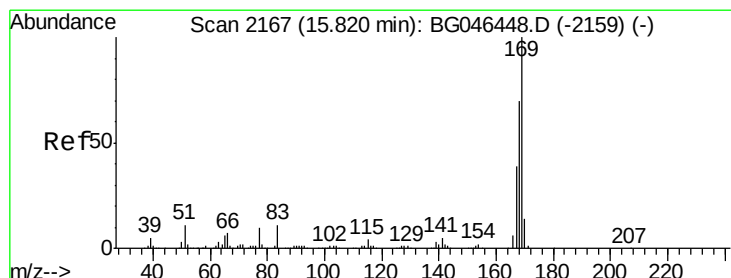
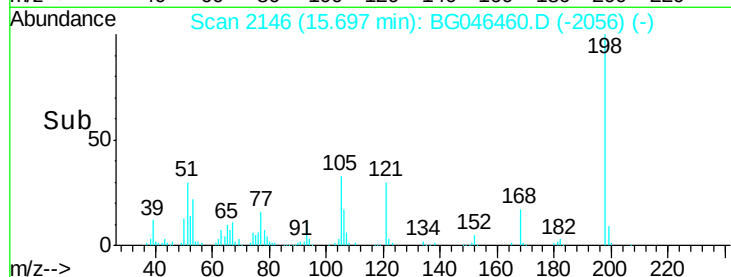
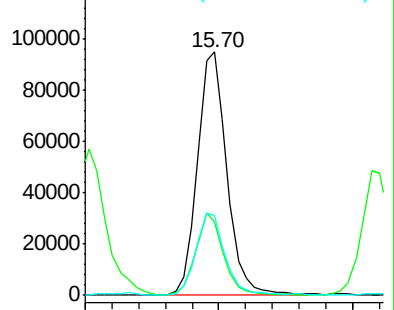
105 32.5 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG046448.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.768 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

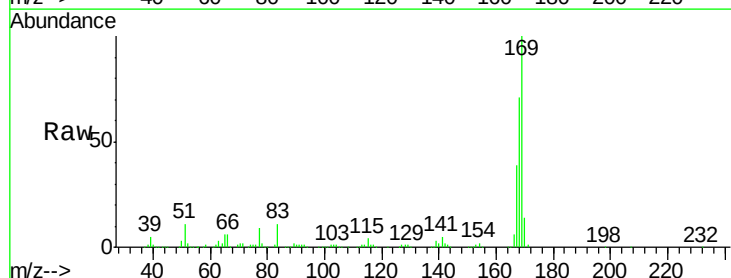
Tgt Ion:169 Resp: 623391

Ion Ratio Lower Upper

169 100

168 70.8 55.8 83.8

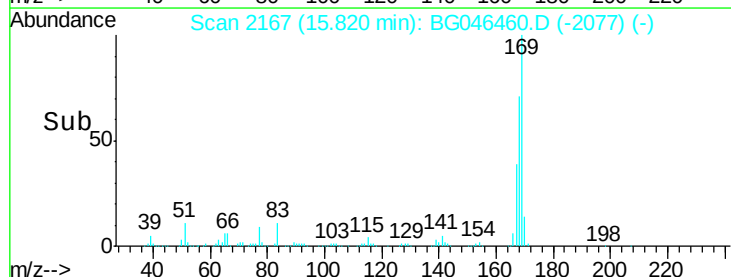
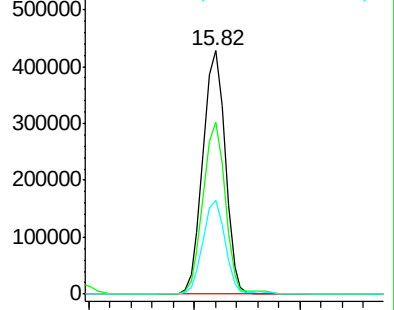
167 38.5 31.0 46.6

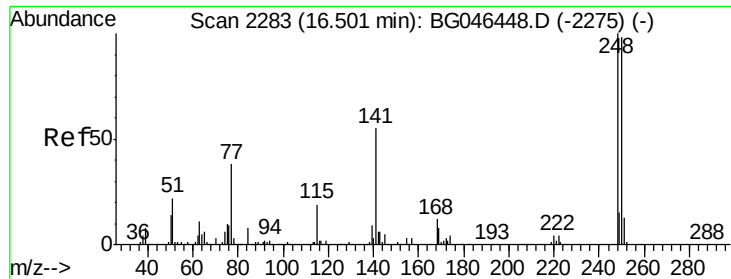


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

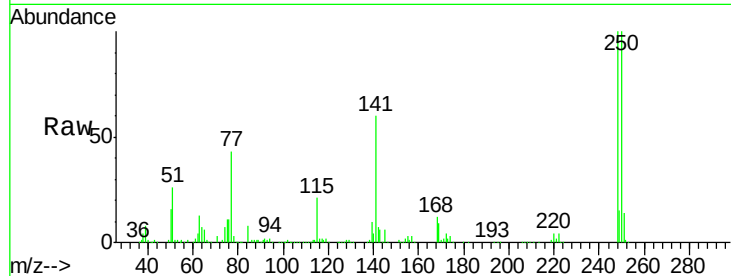




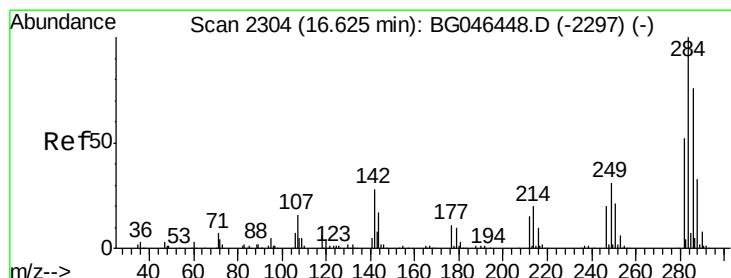
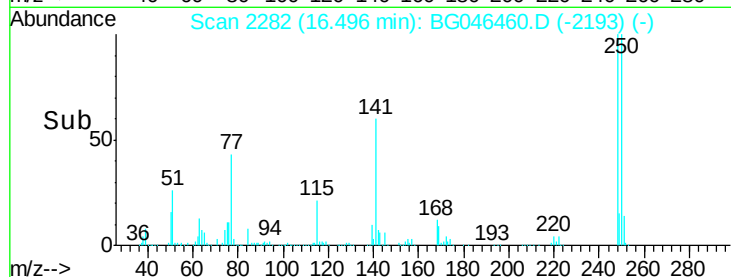
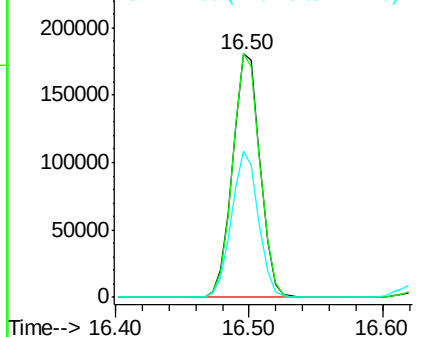
#67
4-Bromophenyl-phenylether
Concen: 43.984 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Instrument :
BNA_G
ClientSampled :
RO-10MS

Tot Ion:248 Resp: 259083
Ion Ratio Lower Upper
248 100
250 100.2 78.6 118.0
141 60.4 43.9 65.9

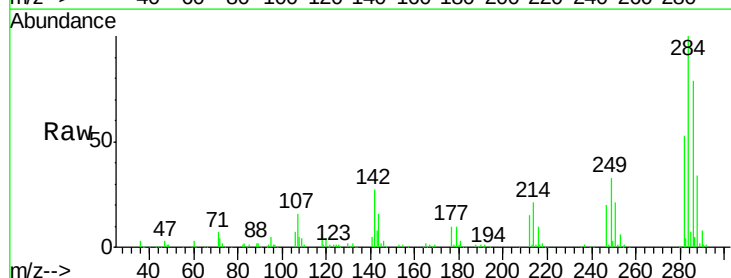


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

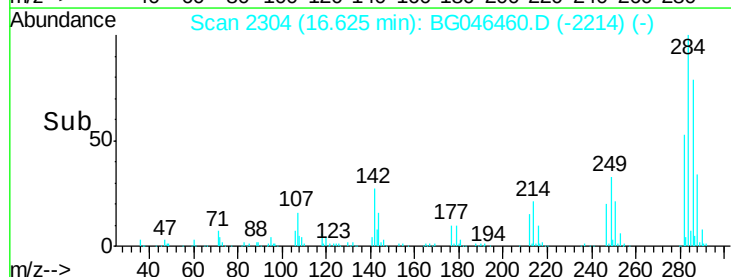
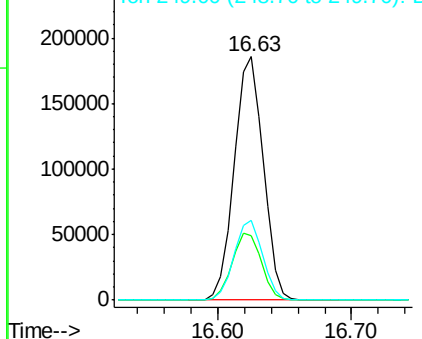


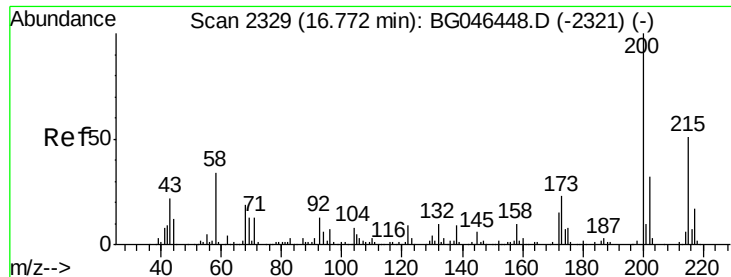
#68
Hexachlorobenzene
Concen: 42.947 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion:284 Resp: 280164
Ion Ratio Lower Upper
284 100
142 26.6 22.3 33.5
249 32.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.271 ng

RT: 16.77 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

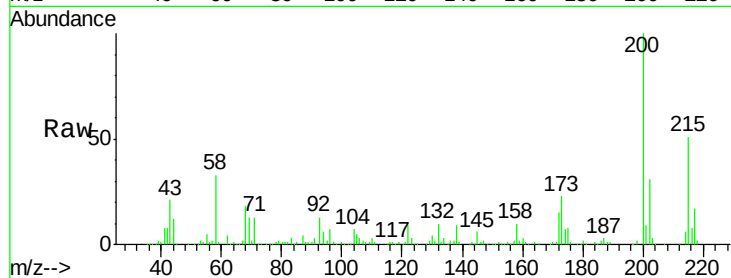
Tot Ion:200 Resp: 240438

Ion Ratio Lower Upper

200 100

173 22.8 3.3 43.3

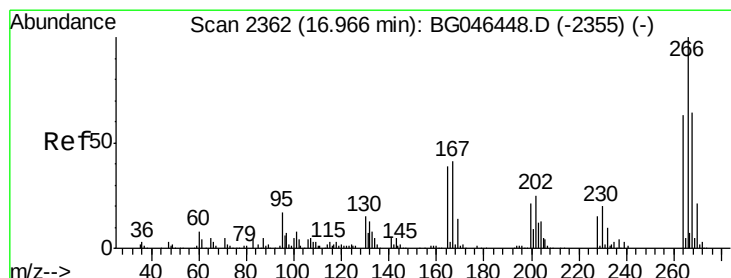
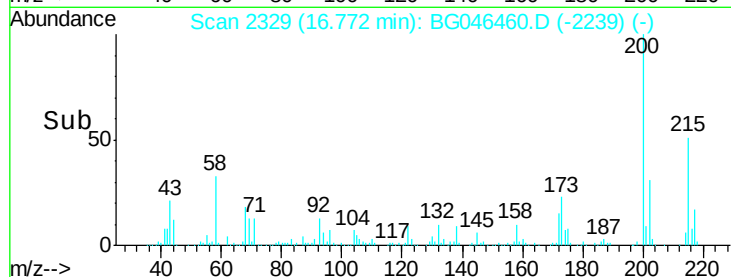
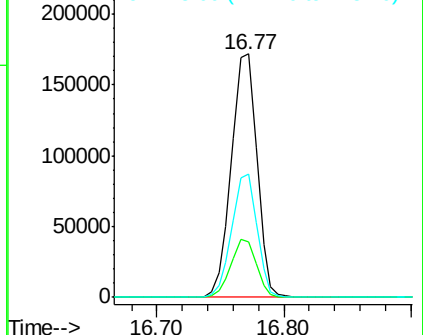
215 50.7 30.9 70.9



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: 102.254 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

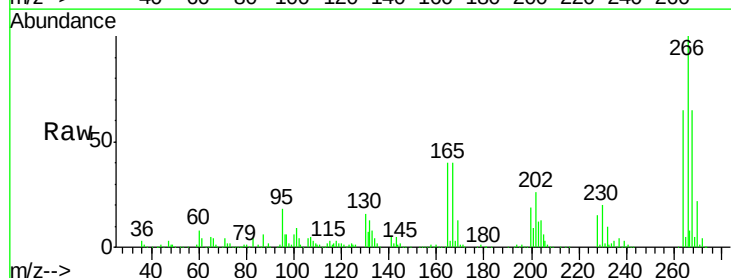
Tgt Ion:266 Resp: 348519

Ion Ratio Lower Upper

266 100

268 65.2 51.1 76.7

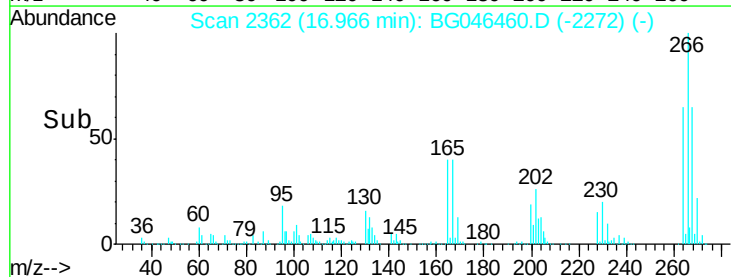
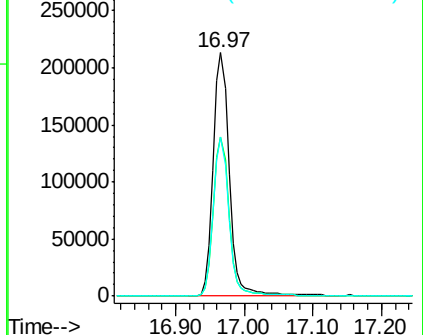
264 65.4 50.2 75.2

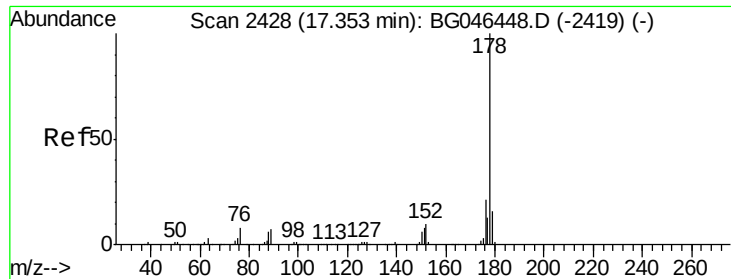


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

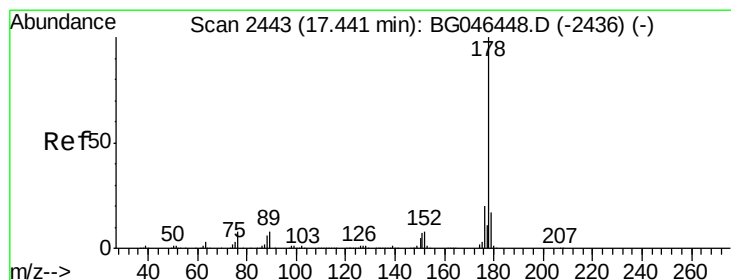
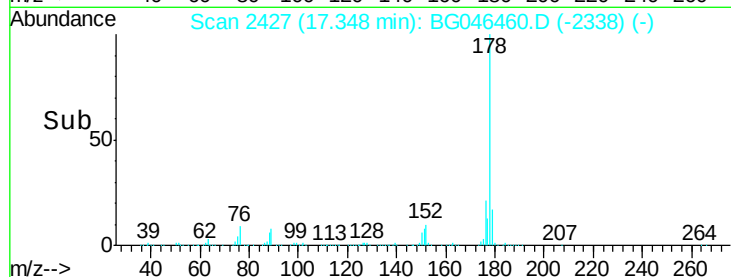
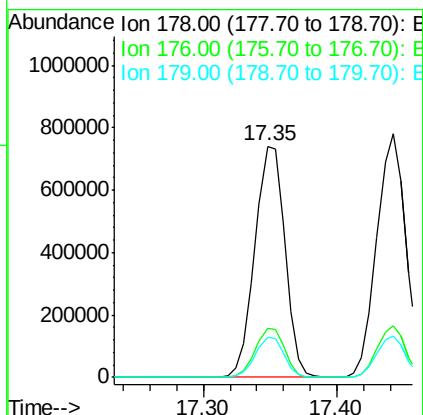
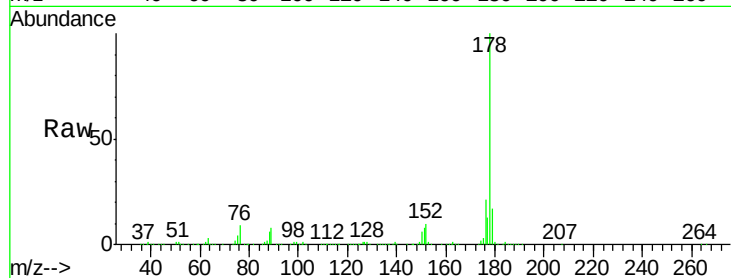




#71
Phenanthrene
Concen: 45.008 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

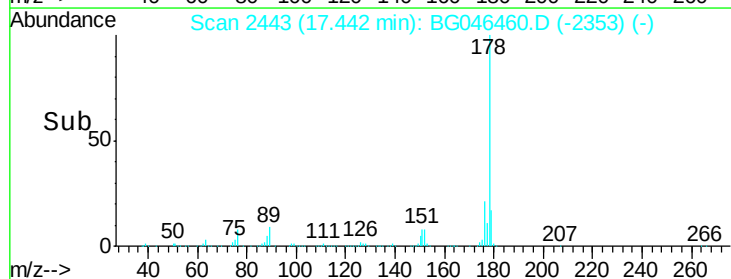
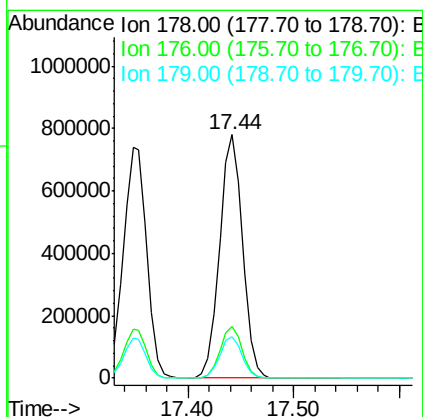
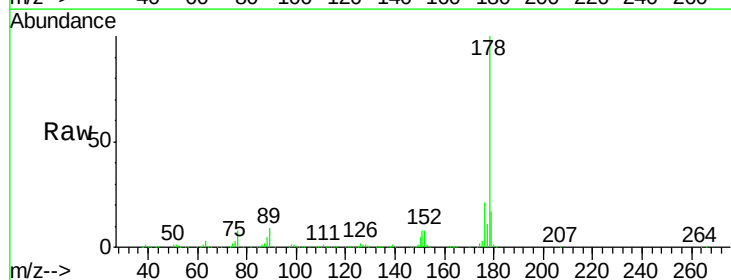
Instrument :
BNA_G
ClientSampleId :
RO-10MS

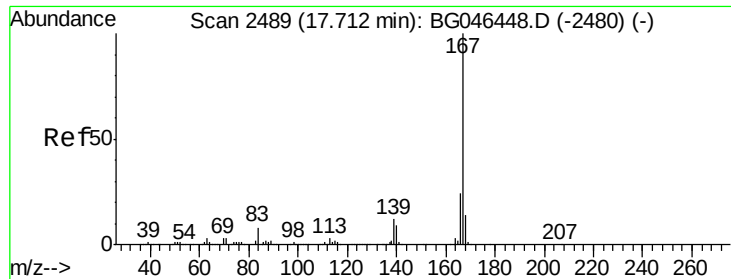
Tot Ion:178 Resp: 1151795
Ion Ratio Lower Upper
178 100
176 21.0 16.8 25.2
179 17.2 13.2 19.8



#72
Anthracene
Concen: 46.609 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion:178 Resp: 1176838
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 17.0 13.3 19.9

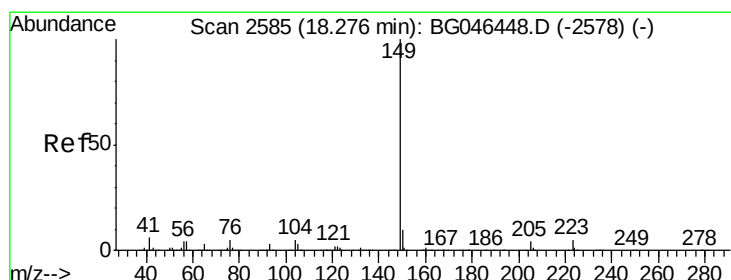
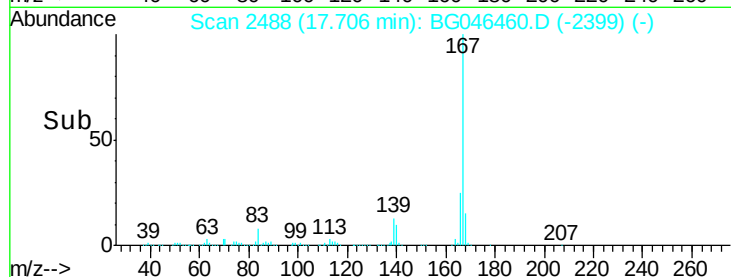
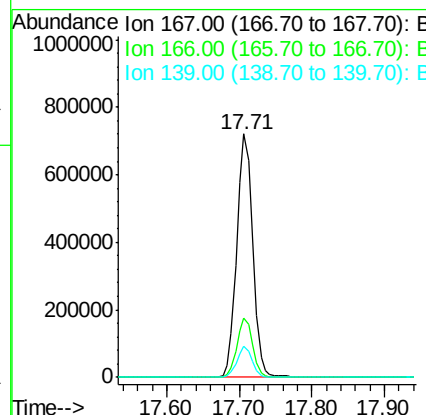
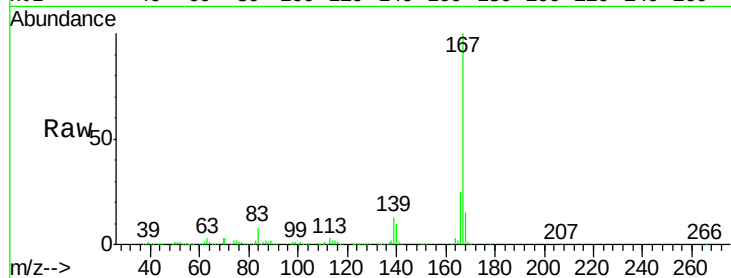




#73
 Carbazole
 Concen: 46.739 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

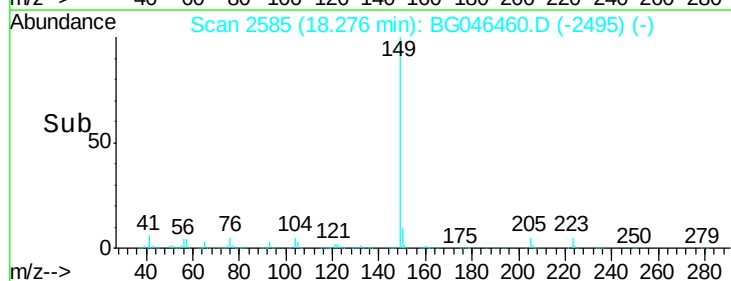
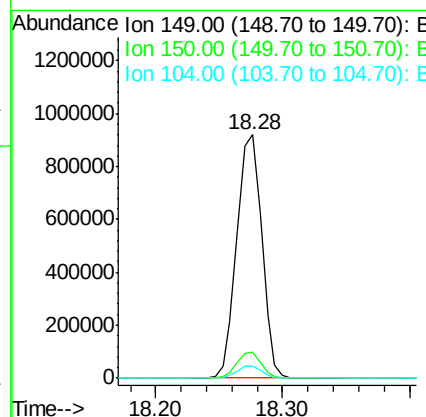
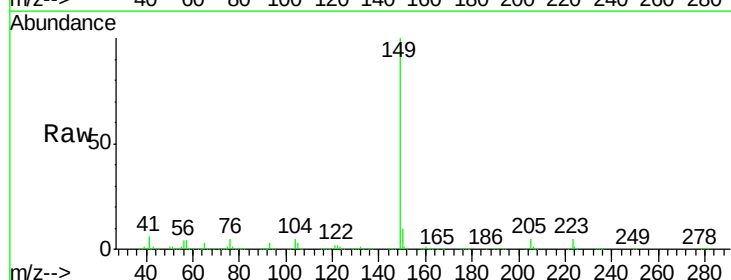
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

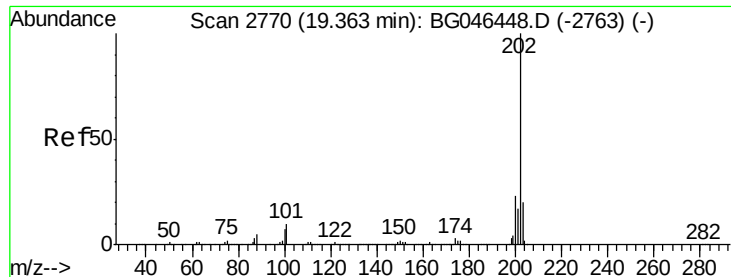
Tot Ion:167 Resp: 1114219
 Ion Ratio Lower Upper
 167 100
 166 24.6 19.3 28.9
 139 12.7 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 45.627 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion:149 Resp: 1250751
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.1 12.1
 104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 45.969 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-10MS

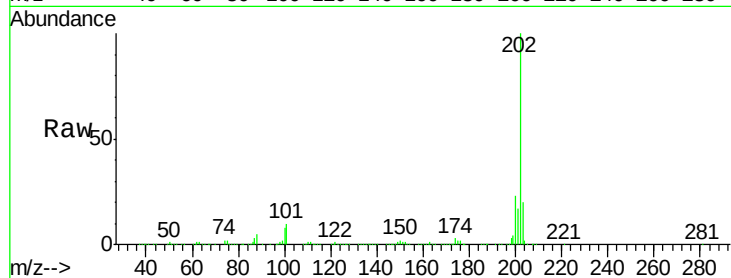
Tot Ion:202 Resp: 1513903

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.9

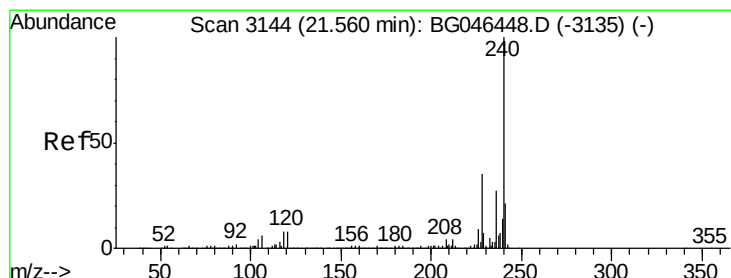
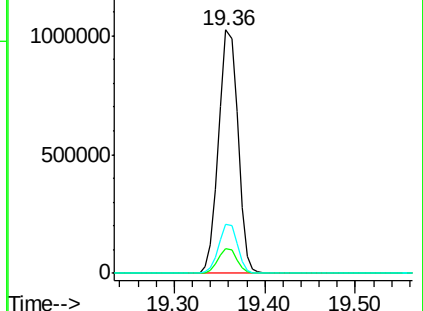
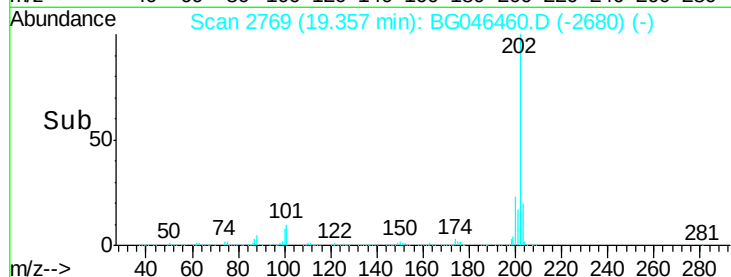
203 20.0 0.0 40.0



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: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

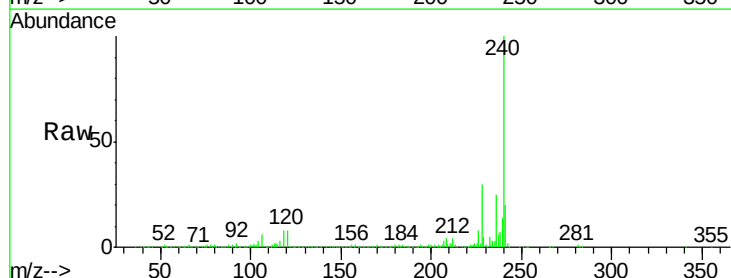
Tgt Ion:240 Resp: 538083

Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

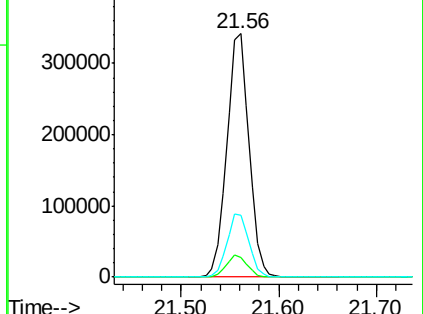
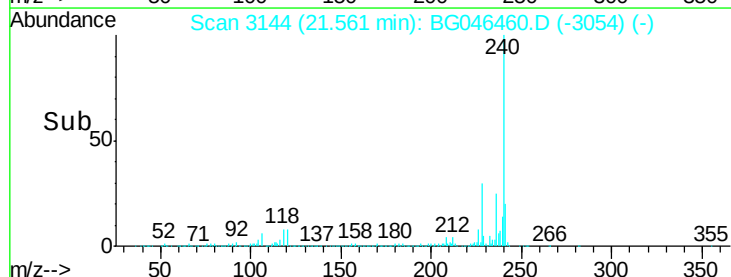
236 25.5 21.4 32.2

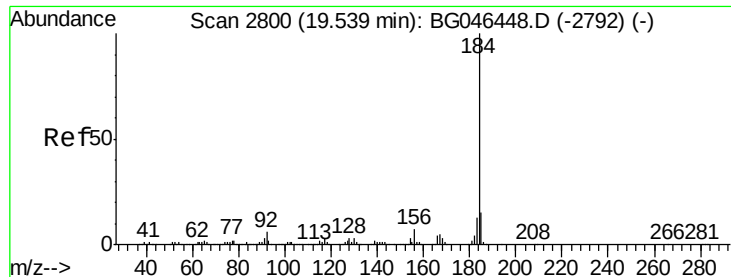


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.518 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

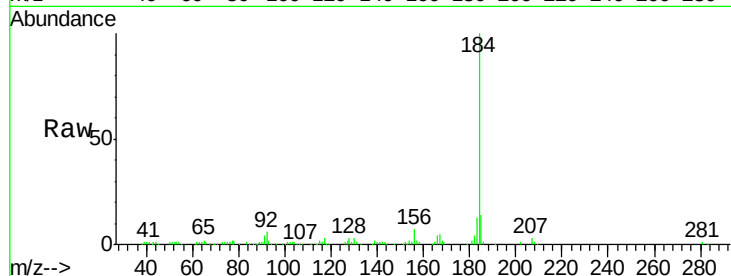
BNA_G

ClientSampleId :

RO-10MS

Tot Ion:184 Resp: 144010

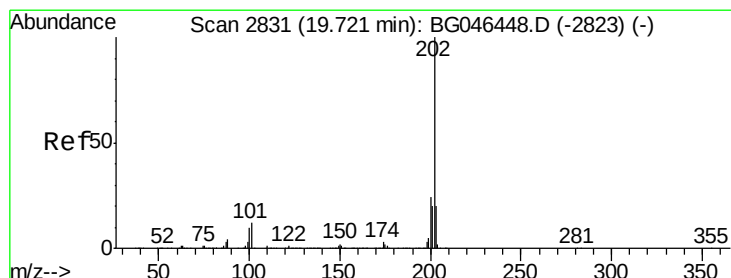
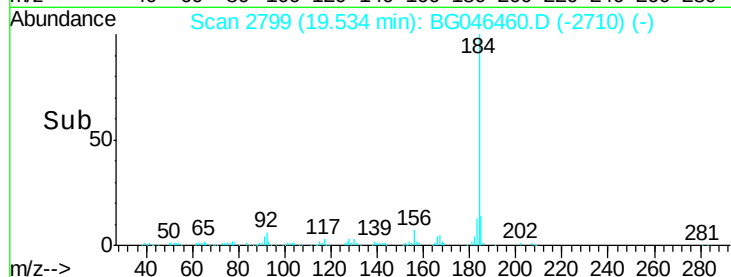
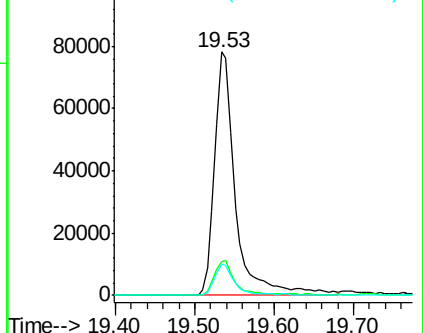
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	12.7	10.7	16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.736 ng

RT: 19.72 min Scan# 2831

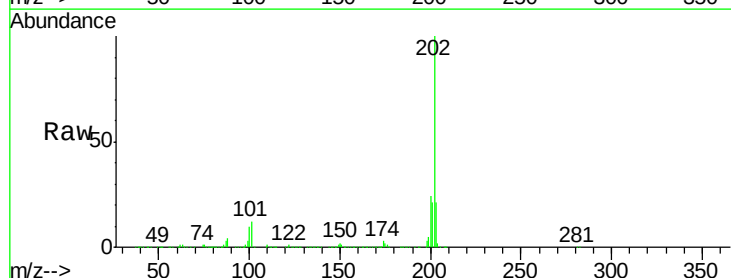
Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Tgt Ion:202 Resp: 1532844

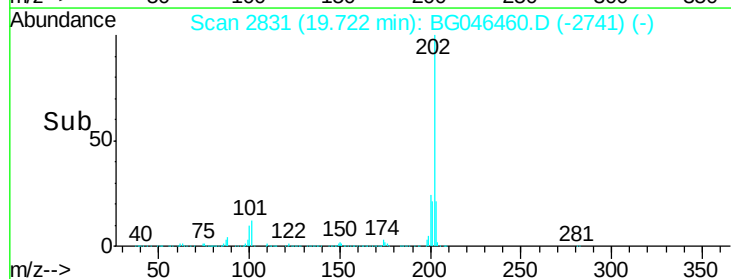
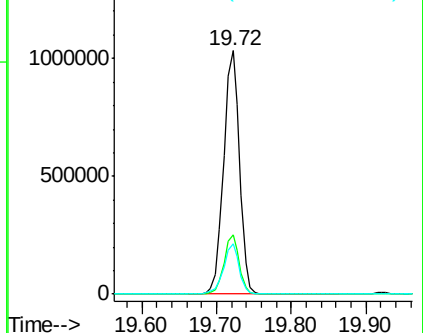
Ion	Ratio	Lower	Upper
202	100		
200	24.1	18.9	28.3
203	20.7	16.1	24.1

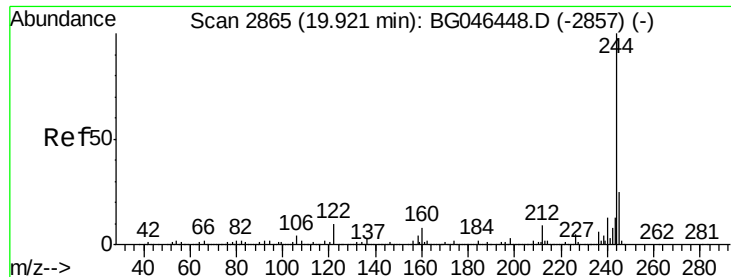


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.840 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

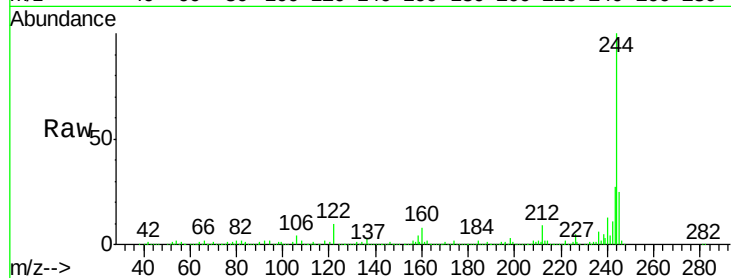
BNA_G

ClientSampleId :

RO-10MS

Tot Ion:244 Resp: 1892237

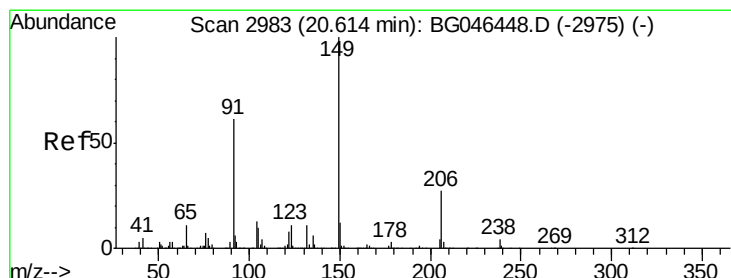
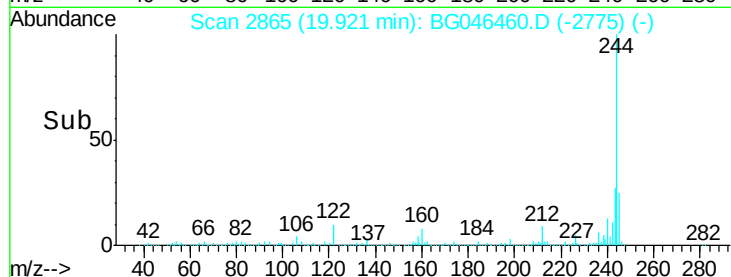
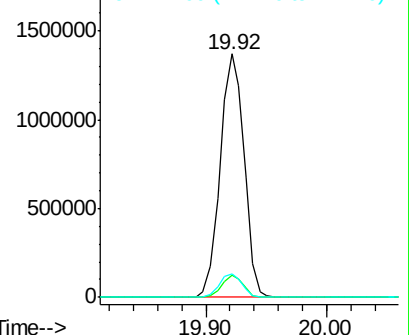
Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	9.9	8.2	12.4



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: 45.009 ng

RT: 20.61 min Scan# 2982

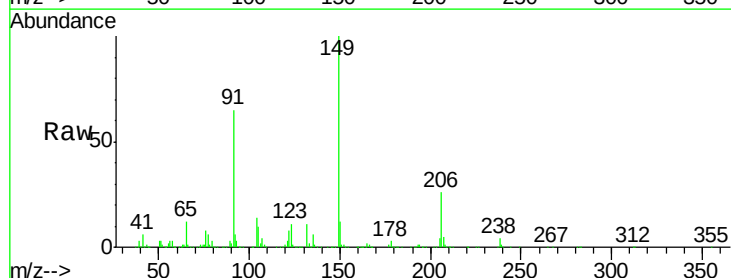
Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Tgt Ion:149 Resp: 601547

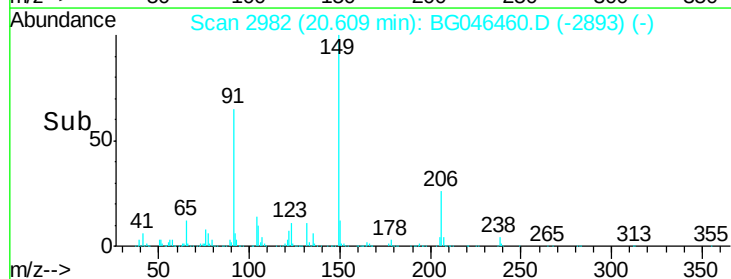
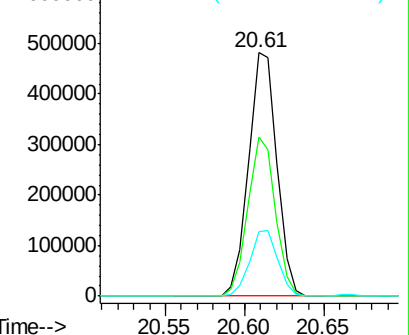
Ion	Ratio	Lower	Upper
149	100		
91	65.4	49.1	73.7
206	26.4	21.9	32.9

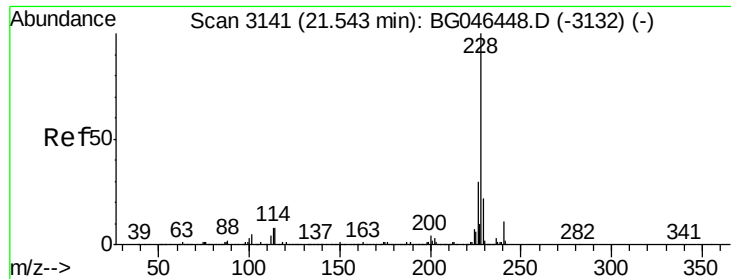


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.773 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

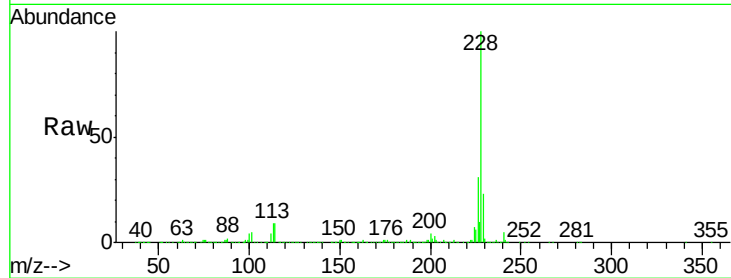
BNA_G

ClientSampleId :

RO-10MS

Tot Ion:228 Resp: 1501610

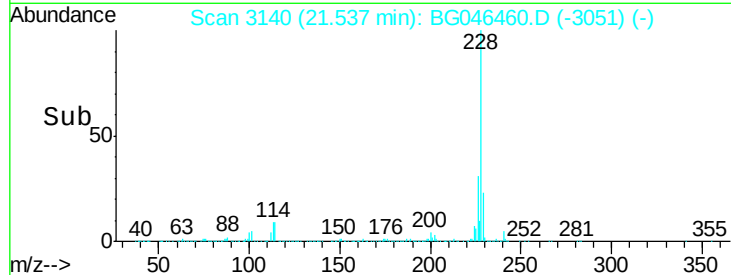
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	22.7	17.4	26.2



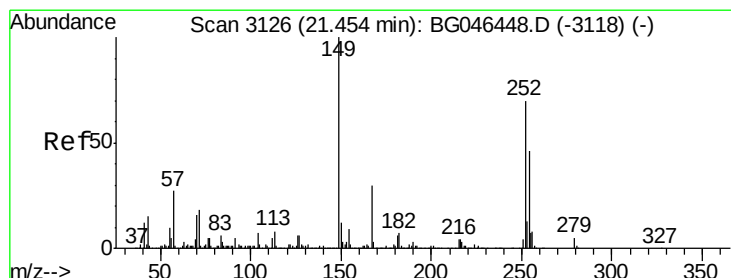
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 23.955 ng

RT: 21.45 min Scan# 3126

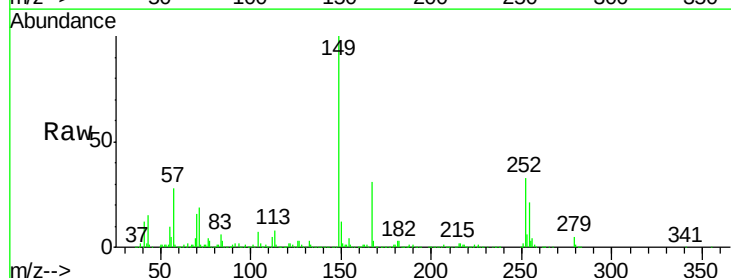
Delta R.T. 0.00 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Tgt Ion:252 Resp: 298156

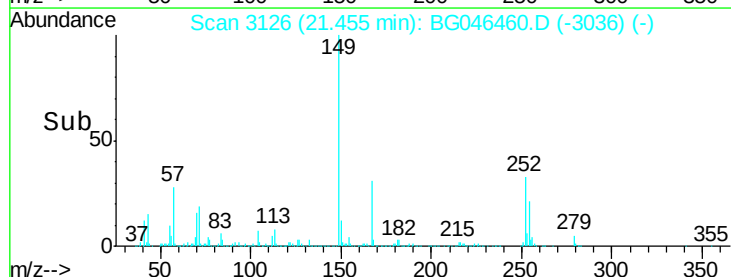
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	8.2	7.4	11.0



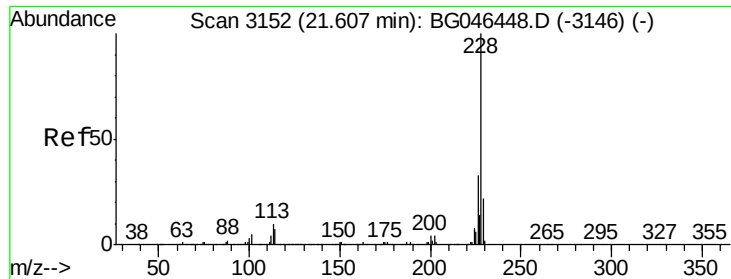
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->

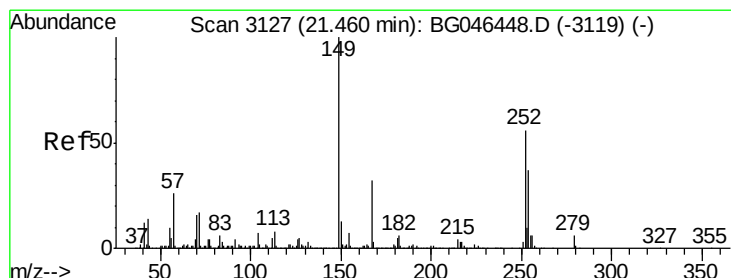
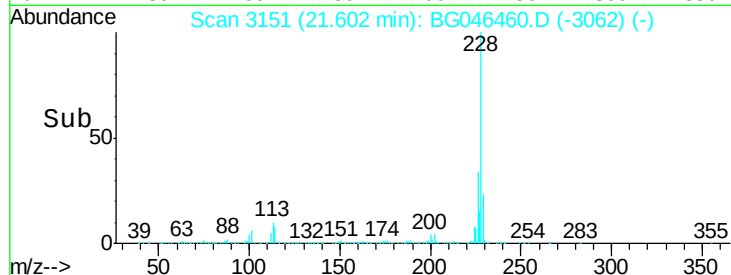
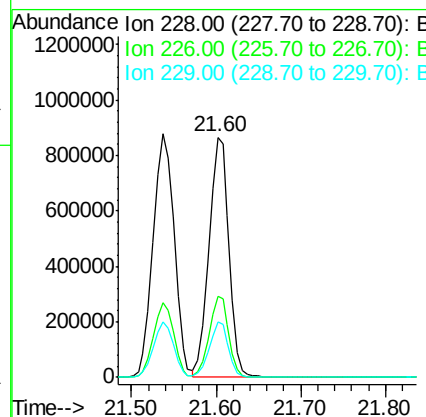
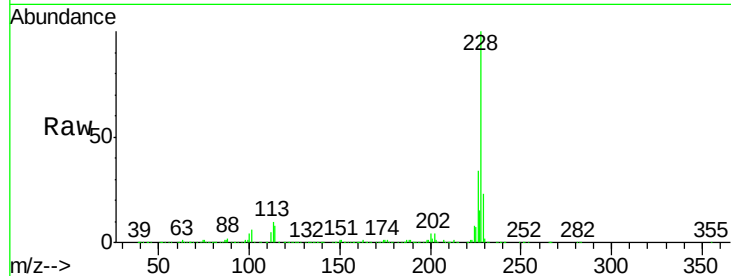


#83
 Chrysene
 Concen: 44.381 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.01 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MS

Tot Ion:228 Resp: 1431801

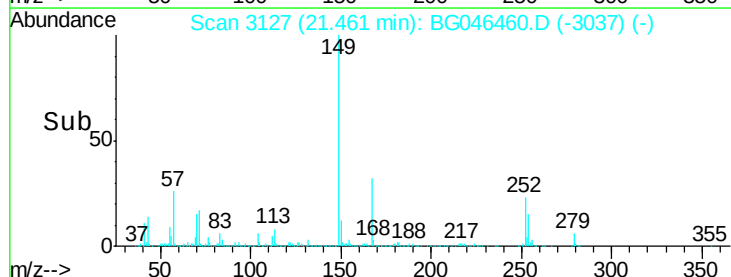
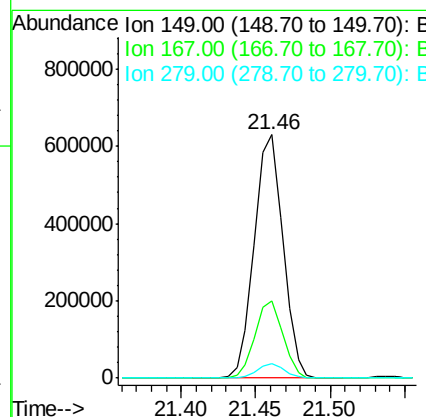
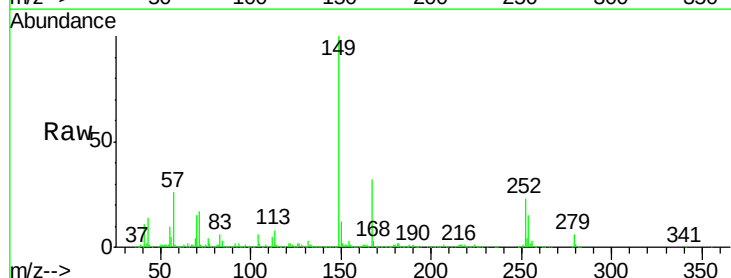
Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.2	39.4
229	22.8	17.9	26.9

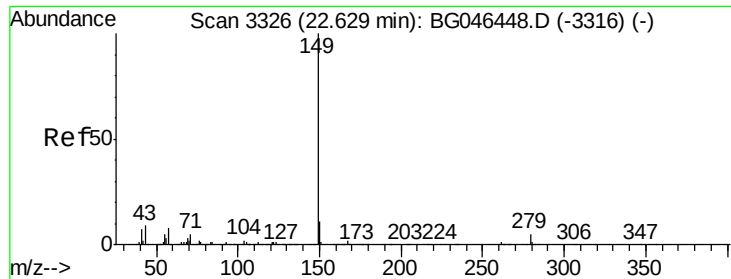


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.780 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BG046460.D
 Acq: 26 Aug 2020 19:11

Tgt Ion:149 Resp: 834985

Ion	Ratio	Lower	Upper
149	100		
167	31.7	25.4	38.2
279	5.8	4.5	6.7

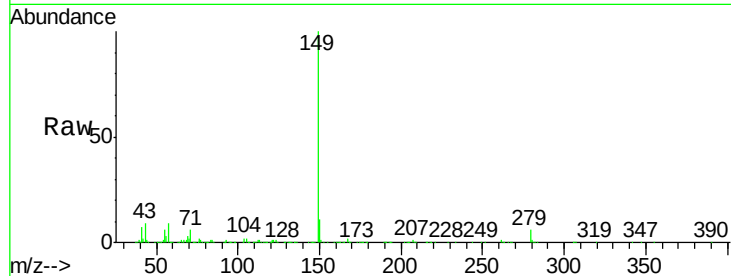




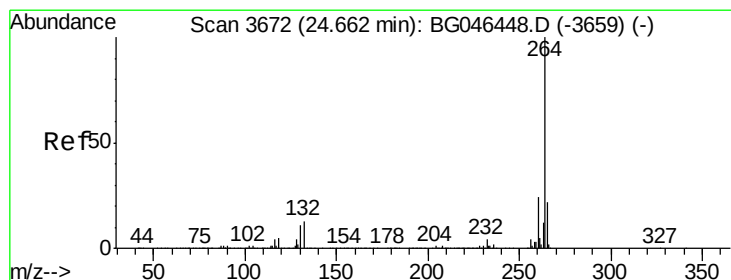
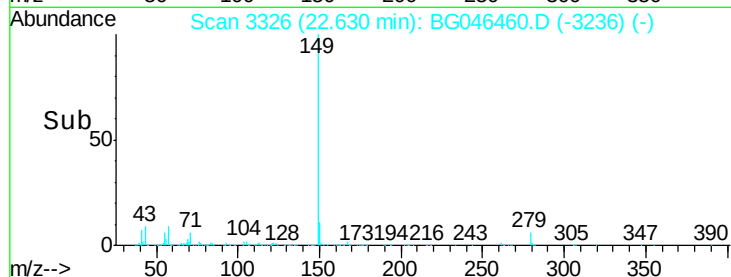
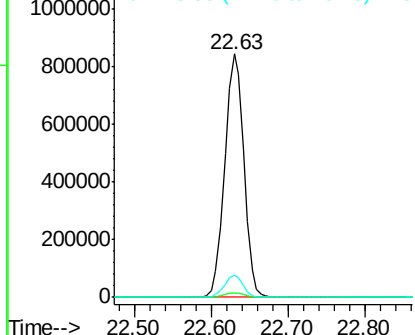
#85
Di-n-octyl phthalate
Concen: 46.444 ng
RT: 22.63 min Scan# 3326
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Instrument :
BNA_G
ClientSampleId :
RO-10MS

Tot Ion:149 Resp: 1450463
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 8.7 7.0 10.4

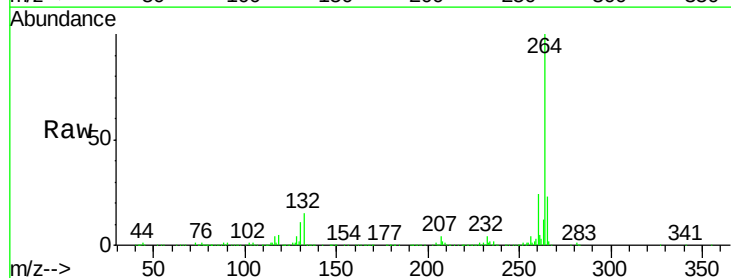


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

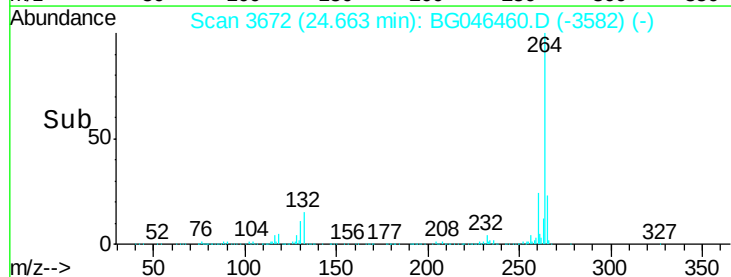
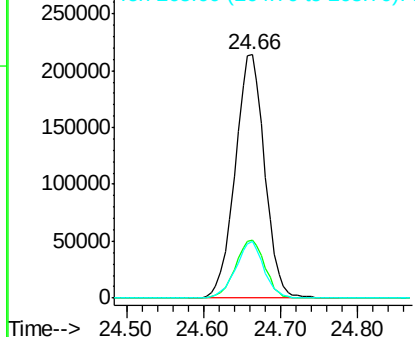


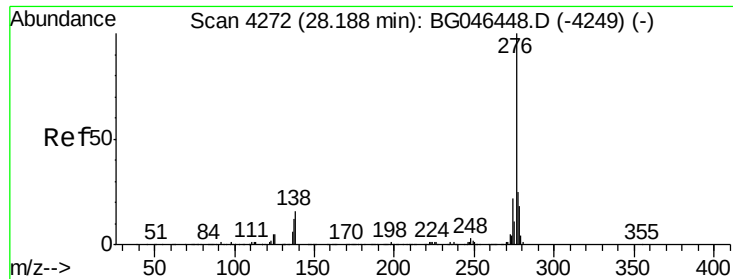
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion:264 Resp: 573433
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 23.1 17.9 26.9



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





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.711 ng

RT: 28.18 min Scan# 4271

Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Instrument :

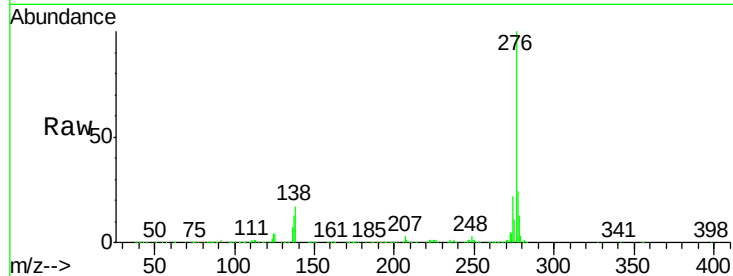
BNA_G

ClientSampleId :

RO-10MS

Tot Ion:276 Resp: 1841441

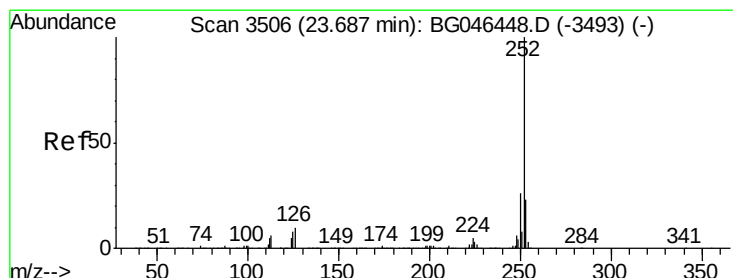
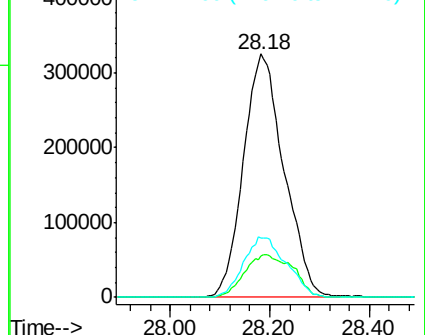
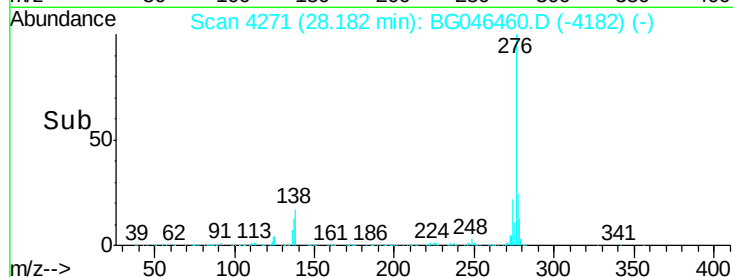
Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.5	24.7
277	26.2	20.7	31.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 44.113 ng

RT: 23.68 min Scan# 3505

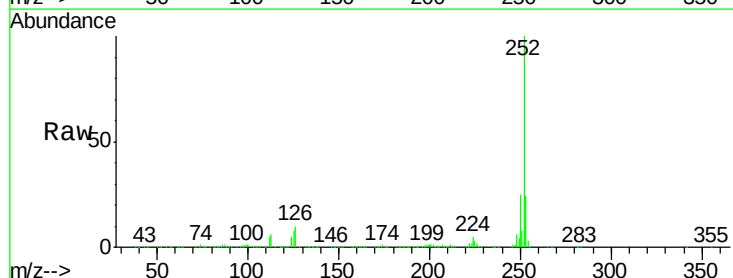
Delta R.T. -0.01 min

Lab File: BG046460.D

Acq: 26 Aug 2020 19:11

Tgt Ion:252 Resp: 1579509

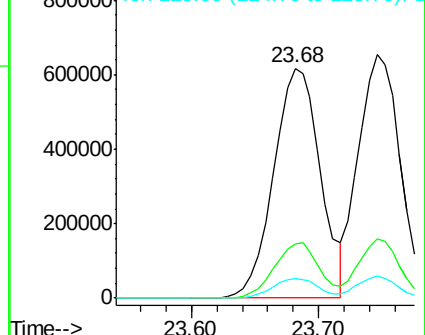
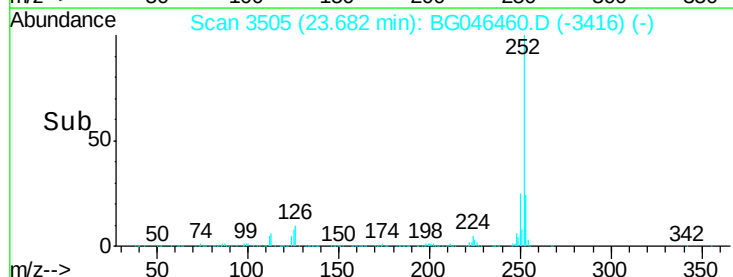
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	8.5	6.2	9.2

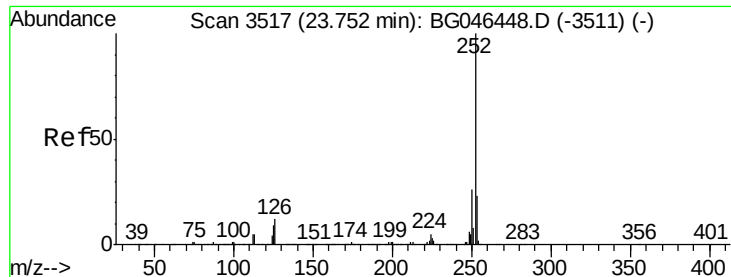


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

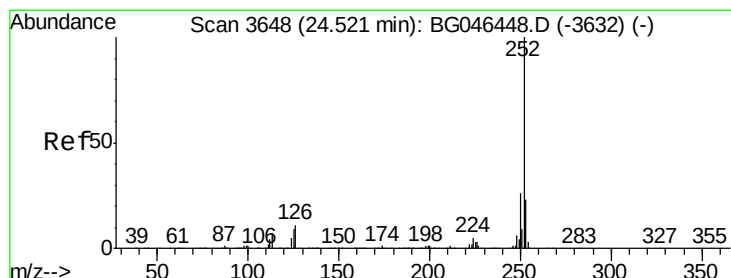
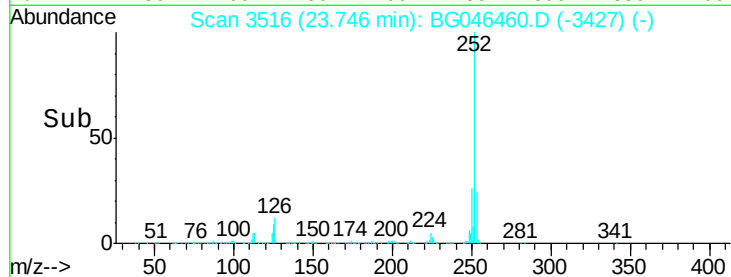
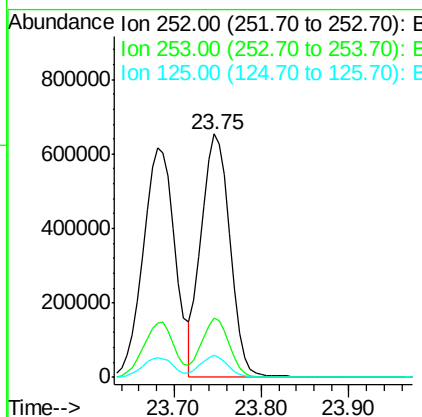
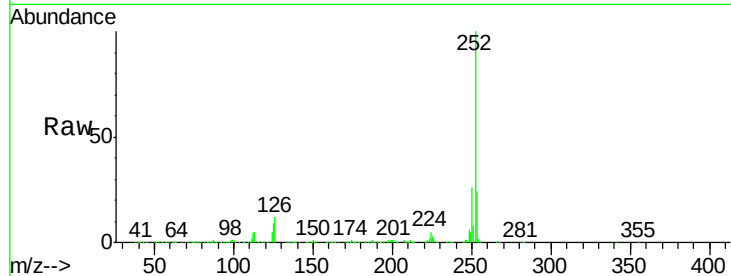




#89
Benzo(k)fluoranthene
Concen: 43.196 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

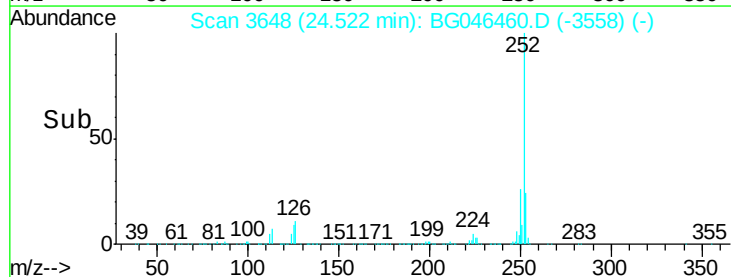
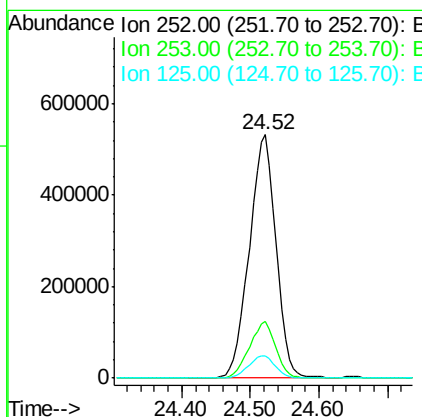
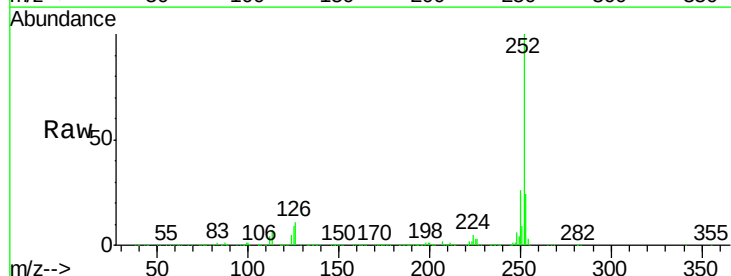
Instrument :
BNA_G
ClientSampleId :
RO-10MS

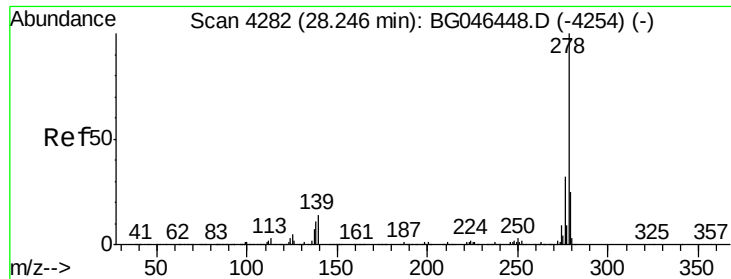
Tot Ion:252 Resp: 1494773
Ion Ratio Lower Upper
252 100
253 24.2 18.5 27.7
125 9.1 6.8 10.2



#90
Benzo(a)pyrene
Concen: 43.086 ng
RT: 24.52 min Scan# 3648
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion:252 Resp: 1439718
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 8.9 7.4 11.0



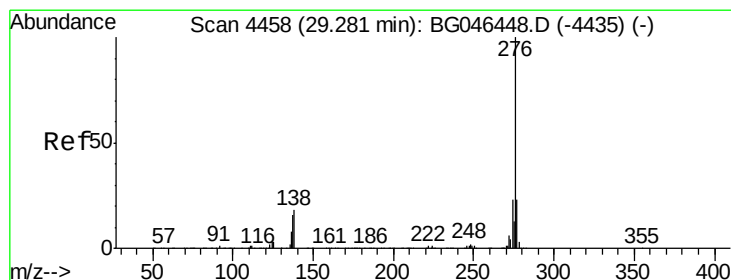
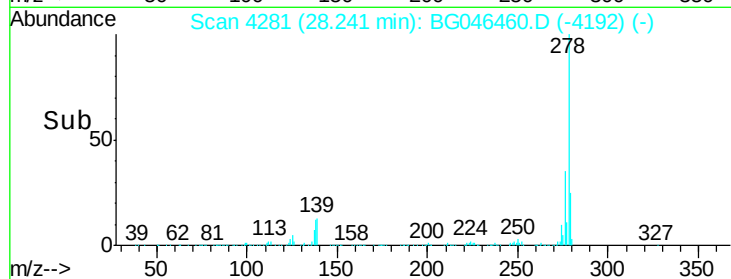
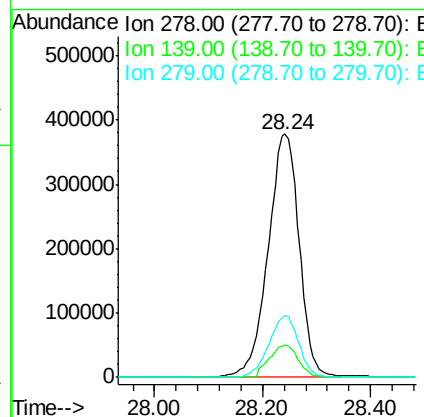
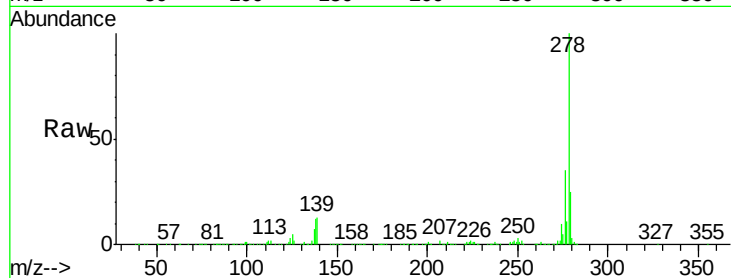


#91
Dibenzo(a,h)anthracene
Concen: 45.210 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.01 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Instrument :
BNA_G
ClientSampleId :
RO-10MS

Tot Ion:278 Resp: 1502572

Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.2	16.8
279	25.3	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 46.571 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.00 min
Lab File: BG046460.D
Acq: 26 Aug 2020 19:11

Tgt Ion:276 Resp: 1545603

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.7	28.1
138	18.1	14.7	22.1

