

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045070.D
 Acq On : 18 Apr 2020 17:03
 Operator : CG/JU
 Sample : L2283-04MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

Quant Time: Apr 20 00:18:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	53302	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	230813	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	185300	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	472144	20.00	ng	0.00
76) Chrysene-d12	21.67	240	432628	20.00	ng	0.00
87) Perylene-d12	24.85	264	466938	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	286511	88.74	ng	0.00
7) Phenol-d6	7.19	99	443426	92.44	ng	0.00
23) Nitrobenzene-d5	9.18	82	266951	52.77	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	264852	92.52	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	702276	55.57	ng	0.00
79) Terphenyl-d14	20.01	244	1375869	69.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	69214	48.239	ng	98
3) Pyridine	3.88	79	200556	45.397	ng	99
4) n-Nitrosodimethylamine	3.79	42	79906	59.043	ng	87
6) Aniline	7.34	93	265308	42.539	ng	97
8) 2-Chlorophenol	7.59	128	238179	68.643	ng	97
9) Benzaldehyde	7.15	77	113812	43.015	ng	96
10) Phenol	7.21	94	334207	69.625	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	210568	55.097	ng	99
12) 1,3-Dichlorobenzene	7.91	146	237410	58.064	ng	98
13) 1,4-Dichlorobenzene	8.06	146	241024	59.159	ng	98
14) 1,2-Dichlorobenzene	8.38	146	224990	57.723	ng	93
15) Benzyl Alcohol	8.26	79	245975	61.161	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	196441	52.363	ng	96
17) 2-Methylphenol	8.47	107	224324	60.570	ng	95
18) Hexachloroethane	9.11	117	88554	57.817	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	191534	56.461	ng	98
20) 3+4-Methylphenols	8.79	107	315955	60.950	ng	96
22) Acetophenone	8.84	105	353898	56.698	ng	# 98
24) Nitrobenzene	9.22	77	299259	57.715	ng	97
25) Isophorone	9.75	82	554962	53.573	ng	99
26) 2-Nitrophenol	9.93	139	137085	61.377	ng	93
27) 2,4-Dimethylphenol	10.00	122	224745	63.417	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	311295	57.194	ng	98
29) 2,4-Dichlorophenol	10.48	162	270812	66.179	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	268942	58.048	ng	97
31) Naphthalene	10.88	128	727604	57.625	ng	99
32) Benzoic acid	10.16	122	197826	66.298	ng	98
33) 4-Chloroaniline	10.98	127	119030	20.214	ng	95
34) Hexachlorobutadiene	11.18	225	179282	56.439	ng	98
35) Caprolactam	11.76	113	64832	39.808	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	325746	67.763	ng	96
37) 2-Methylnaphthalene	12.49	142	580994	59.282	ng	96
38) 1-Methylnaphthalene	12.71	142	554290	59.909	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	324103	54.323	ng	98

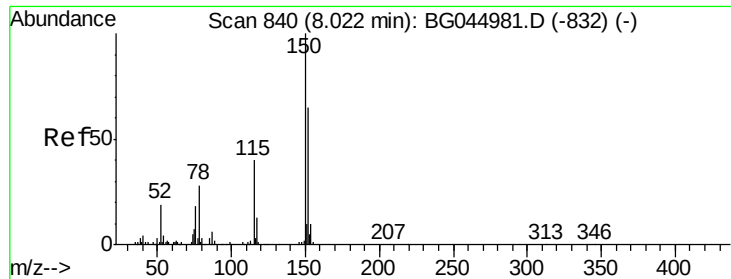
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045070.D
 Acq On : 18 Apr 2020 17:03
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 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	412216	110.545	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	256113	60.824	ng	95
44) 2,4,5-Trichlorophenol	13.17	196	279716	58.361	ng	97
46) 1,1'-Biphenyl	13.49	154	763325	54.198	ng	99
47) 2-Chloronaphthalene	13.53	162	593038	55.106	ng	97
48) 2-Nitroaniline	13.73	65	208823	58.976	ng	98
49) Acenaphthylene	14.38	152	999802	57.036	ng	99
50) Dimethylphthalate	14.11	163	932960	61.835	ng	98
51) 2,6-Dinitrotoluene	14.23	165	199275	59.049	ng	95
52) Acenaphthene	14.72	154	620827	52.345	ng	98
53) 3-Nitroaniline	14.56	138	126010	34.045	ng	93
54) 2,4-Dinitrophenol	14.76	184	274335	136.708	ng	95
55) Dibenzofuran	15.06	168	1005345	58.142	ng	99
56) 4-Nitrophenol	14.87	139	342662	119.400	ng	94
57) 2,4-Dinitrotoluene	15.01	165	292454	59.299	ng	98
58) Fluorene	15.71	166	836148	59.201	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	281606	66.033	ng	98
60) Diethylphthalate	15.48	149	895992	56.958	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	463250	56.984	ng	100
62) 4-Nitroaniline	15.72	138	213786	55.688	ng	97
63) Azobenzene	15.99	77	852540	58.783	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	198154	63.850	ng	96
66) n-Nitrosodiphenylamine	15.91	169	766139	56.477	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	333058	54.680	ng	96
68) Hexachlorobenzene	16.72	284	362850	57.439	ng	96
69) Atrazine	16.87	200	327868	68.791	ng	98
70) Pentachlorophenol	17.06	266	463191	119.523	ng	100
71) Phenanthrene	17.45	178	1380060	56.881	ng	99
72) Anthracene	17.53	178	1403616	57.673	ng	99
73) Carbazole	17.80	167	1286333	52.083	ng	99
74) Di-n-butylphthalate	18.37	149	1531415	58.827	ng	99
75) Fluoranthene	19.45	202	1681219	61.171	ng	99
77) Benzidine	19.63	184	745051	61.664	ng	97
78) Pyrene	19.81	202	1635194	54.825	ng	99
80) Butylbenzylphthalate	20.70	149	695358	56.245	ng	100
81) Benzo(a)anthracene	21.65	228	1587234	56.605	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	377762	33.847	ng	95
83) Chrysene	21.71	228	1522077	56.495	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	945460	55.604	ng	100
85) Di-n-octyl phthalate	22.77	149	1626093	55.303	ng	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	2069363	57.852	ng	# 97
88) Benzo(b)fluoranthene	23.92	252	1646331	56.287	ng	99
89) Benzo(k)fluoranthene	23.92	252	1646331	59.187	ng	98
90) Benzo(a)pyrene	24.71	252	1613919	58.443	ng	98
91) Dibenzo(a,h)anthracene	28.56	278	1678037	60.304	ng	97
92) Benzo(g,h,i)perylene	29.62	276	1713194	61.410	ng	97

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

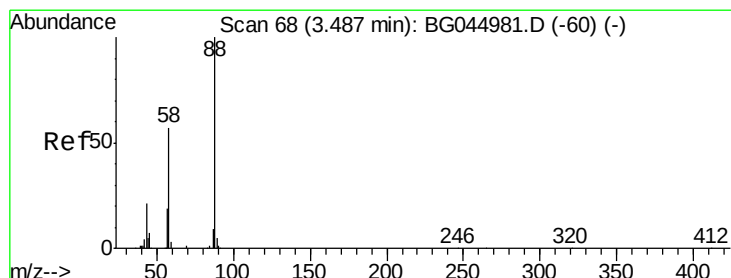
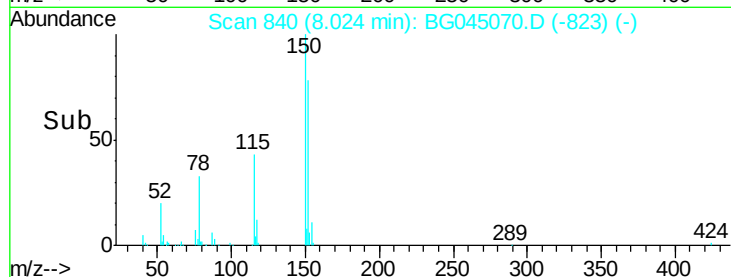
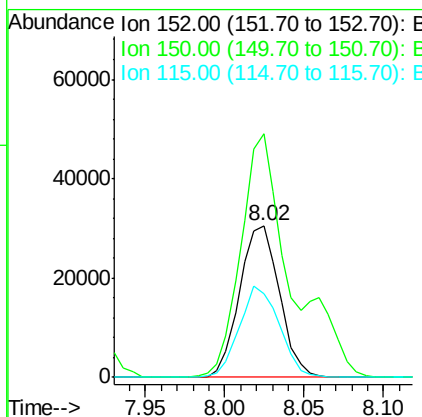
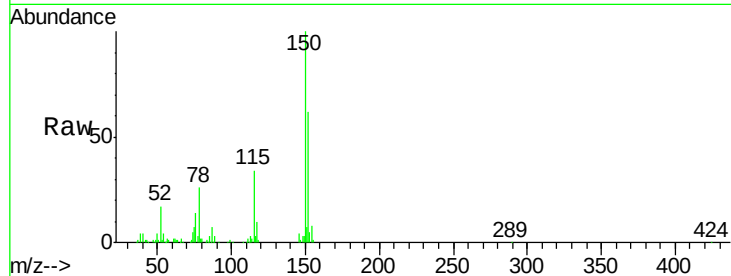


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

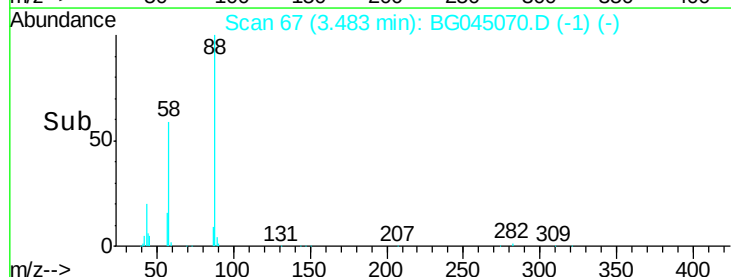
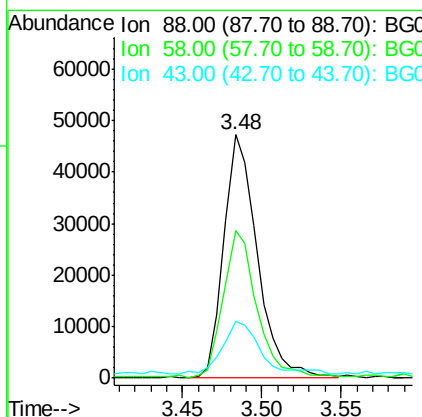
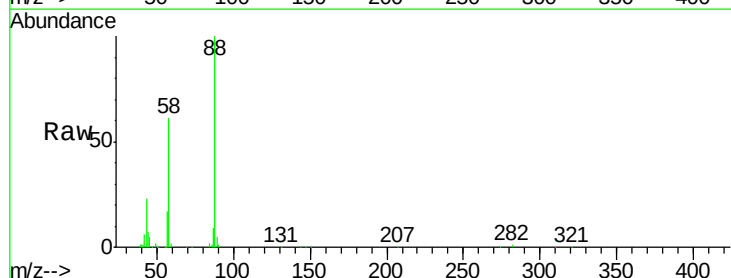
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.6	185.4
115	54.9	49.1	73.7

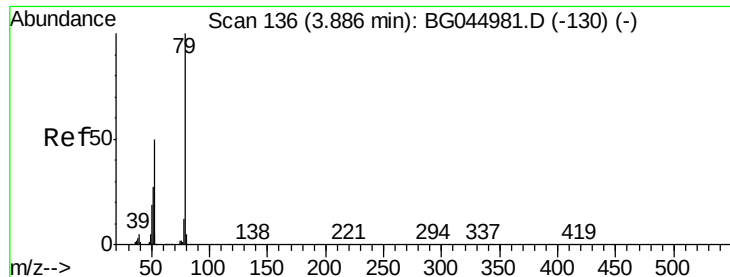


#2

1,4-Dioxane
Concen: 48.239 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.9	46.6	69.8
43	23.1	17.5	26.3





#3

Pvridine

Concen: 45.397 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

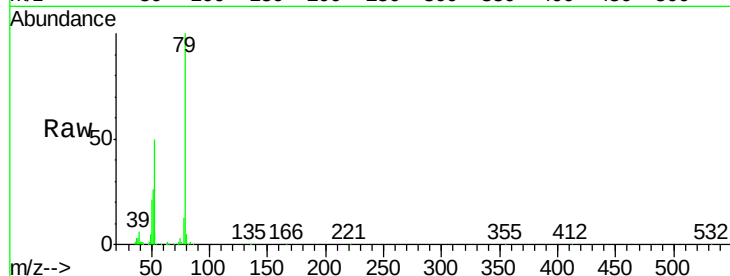
Tot Ion: 79 Resp: 200556

Ion Ratio Lower Upper

79 100

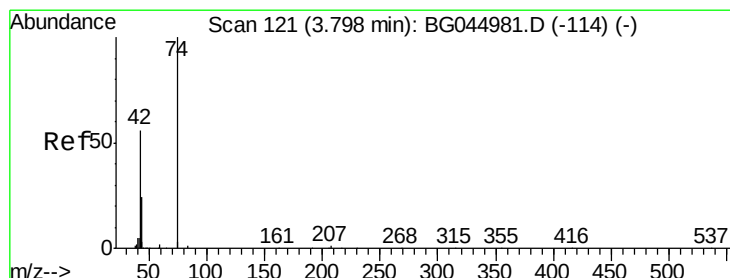
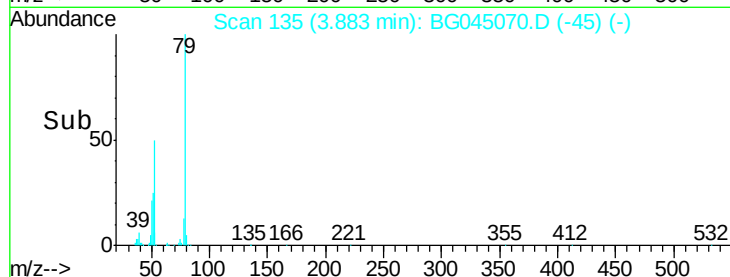
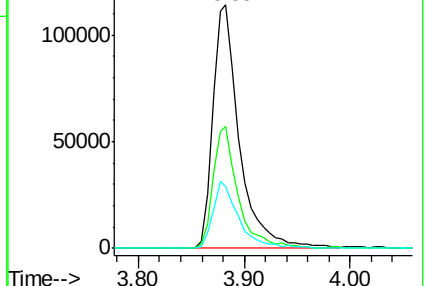
52 49.9 39.8 59.6

51 25.7 21.4 32.2



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

3.88



#4

n-Nitrosodimethylamine

Concen: 59.043 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

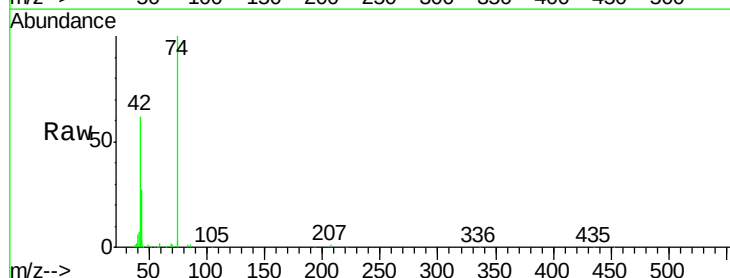
Tgt Ion: 42 Resp: 79906

Ion Ratio Lower Upper

42 100

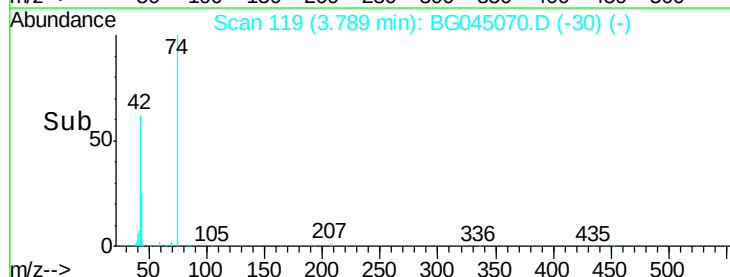
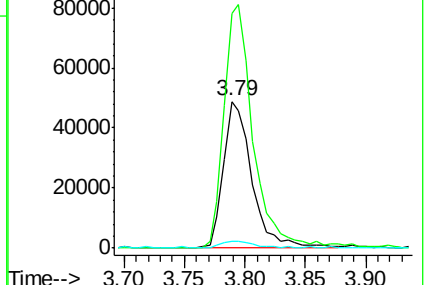
74 160.6 143.0 214.6

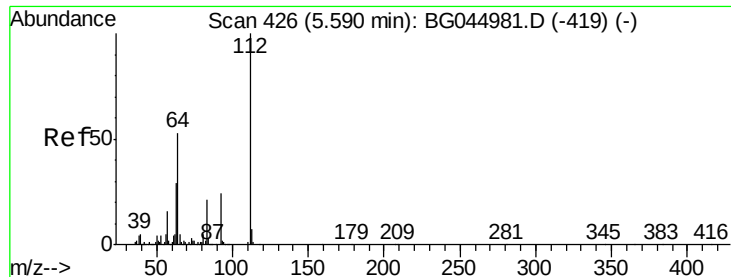
44 4.7 4.6 6.8



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

3.79





#5

2-Fluorophenol

Concen: 88.742 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

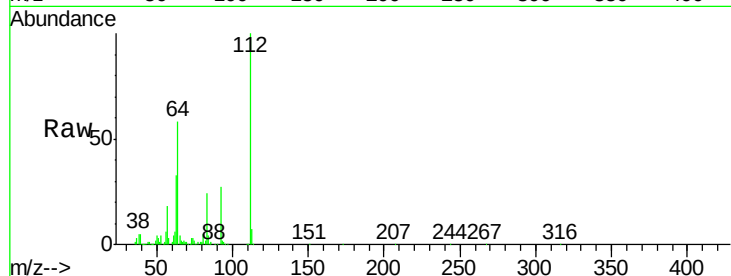
Tot Ion:112 Resp: 286511

Ion Ratio Lower Upper

112 100

64 57.9 42.4 63.6

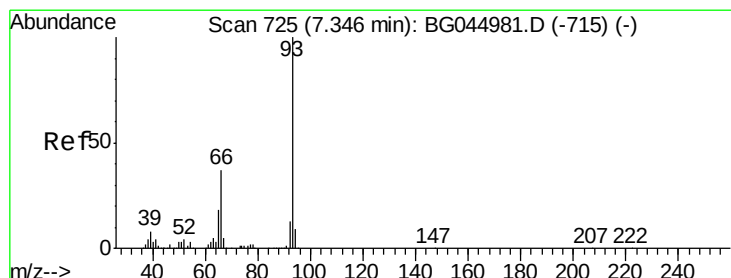
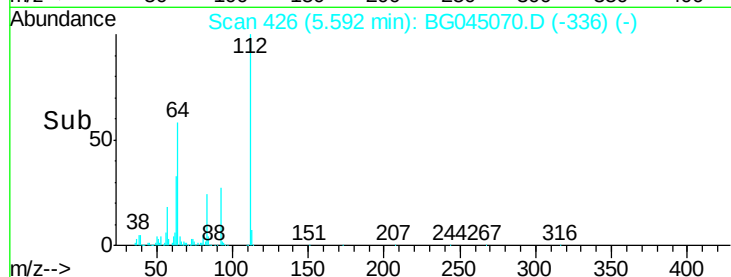
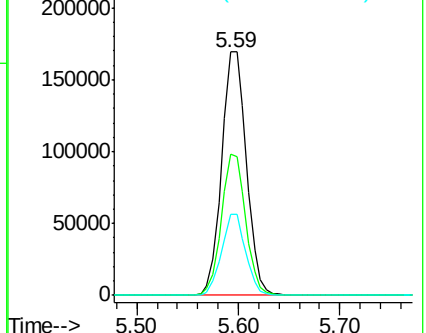
63 33.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.539 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

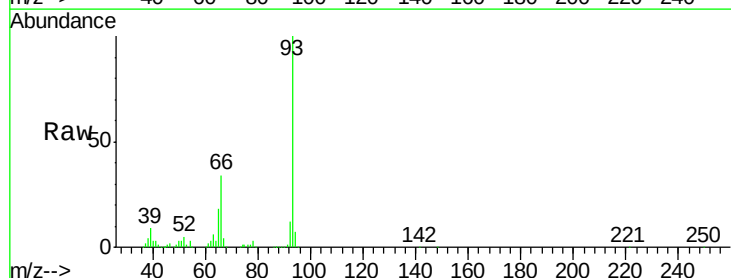
Tgt Ion: 93 Resp: 265308

Ion Ratio Lower Upper

93 100

66 34.3 29.8 44.8

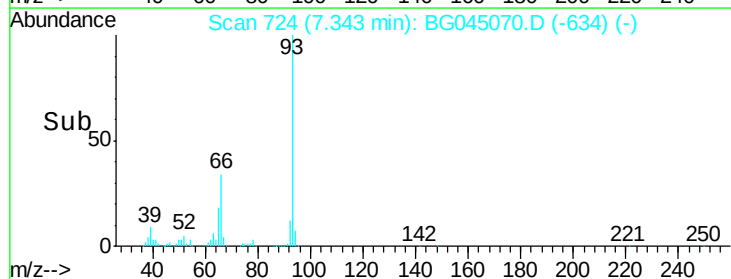
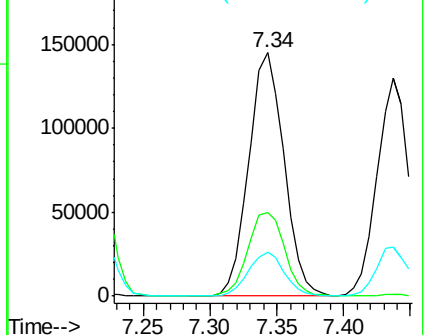
65 18.2 14.6 22.0

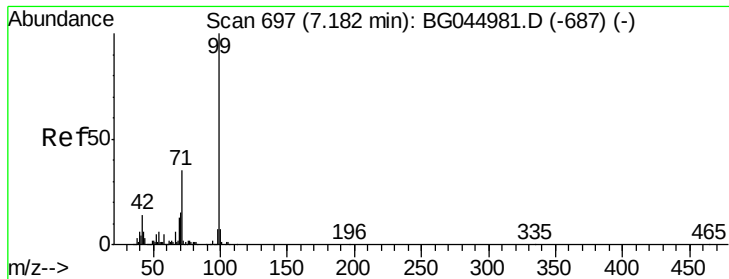


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.441 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

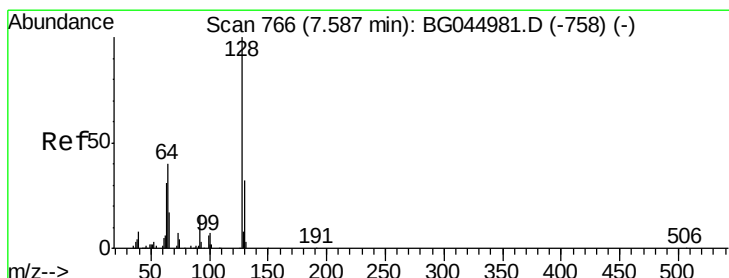
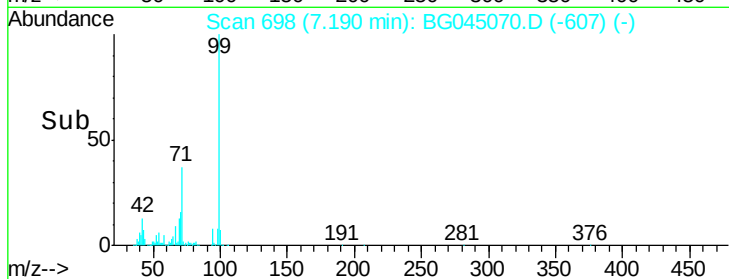
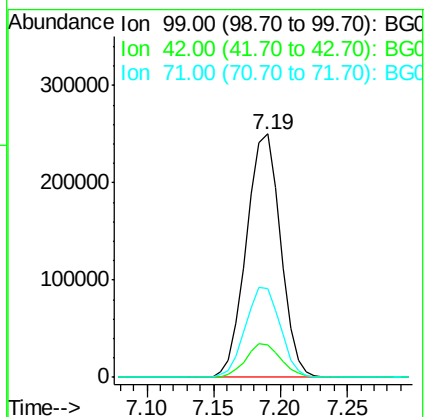
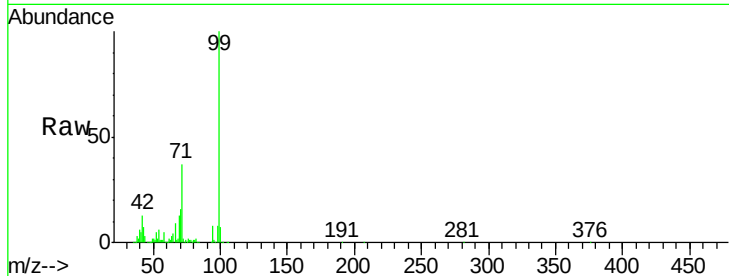
Tot Ion: 99 Resp: 443426

Ion Ratio Lower Upper

99 100

42 13.5 11.3 16.9

71 36.7 28.3 42.5



#8

2-Chlorophenol

Concen: 68.643 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

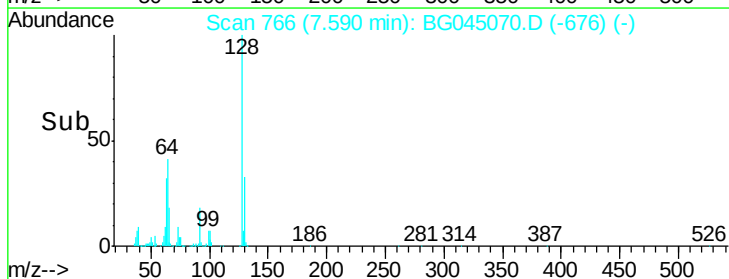
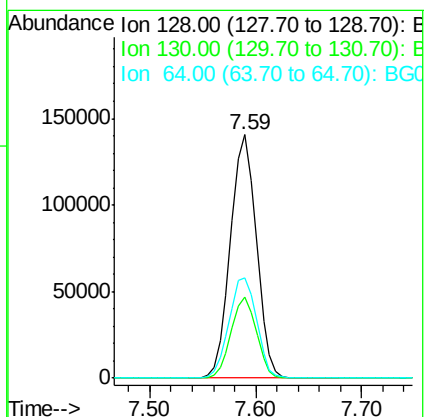
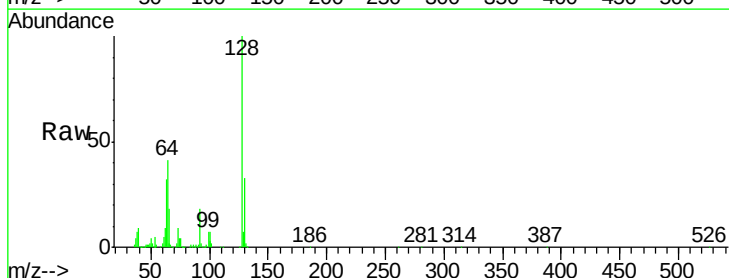
Tgt Ion: 128 Resp: 238179

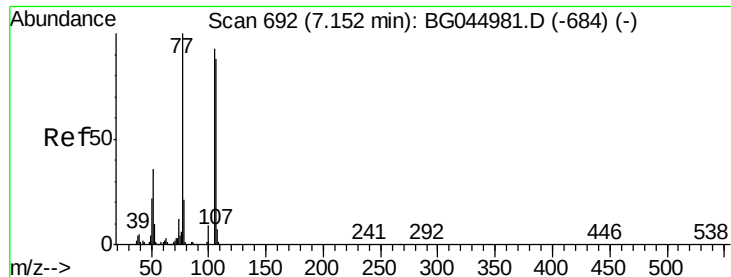
Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

64 41.2 24.4 64.4





#9

Benzaldehyde

Concen: 43.015 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

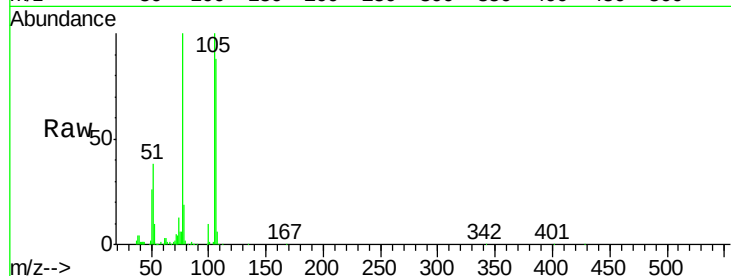
Tot Ion: 77 Resp: 113812

Ion Ratio Lower Upper

77 100

105 99.9 72.9 112.9

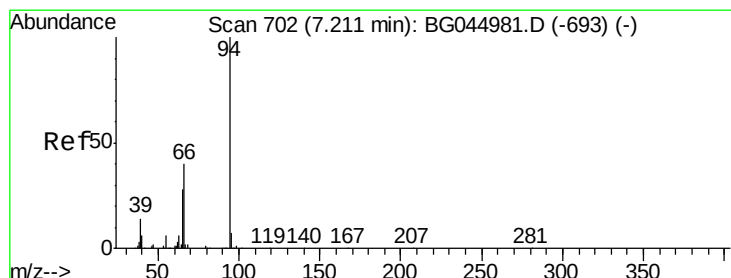
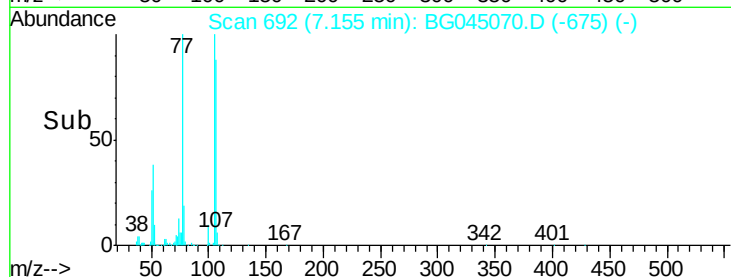
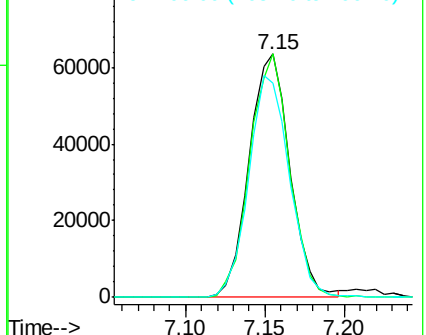
106 88.0 67.6 107.6



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: 69.625 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

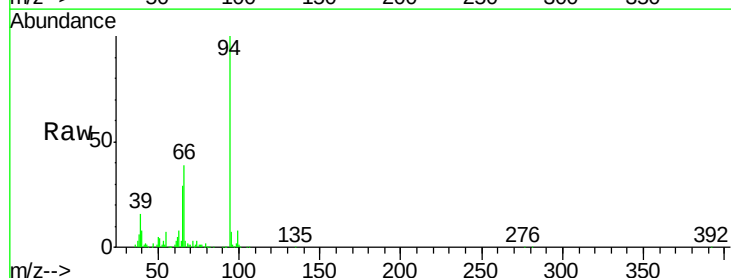
Tgt Ion: 94 Resp: 334207

Ion Ratio Lower Upper

94 100

65 29.5 8.2 48.2

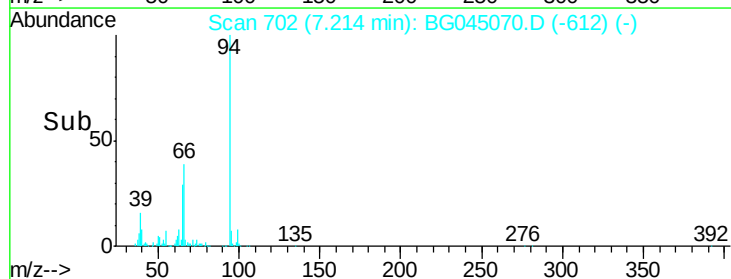
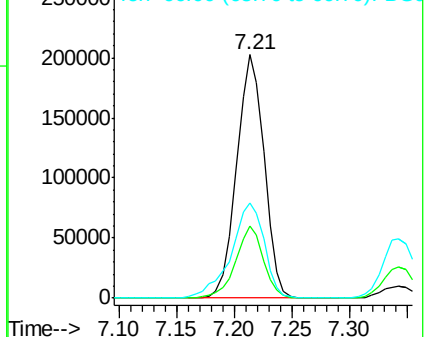
66 39.2 20.4 60.4

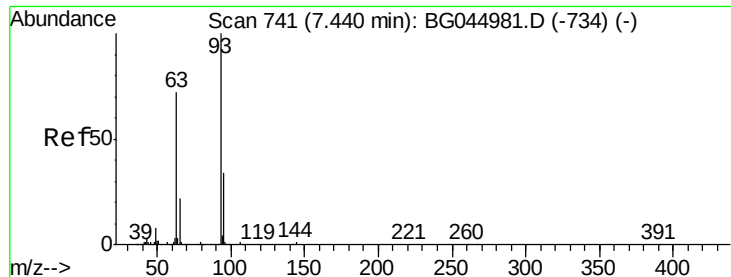


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

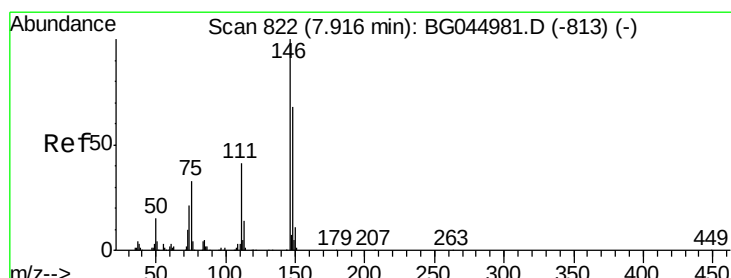
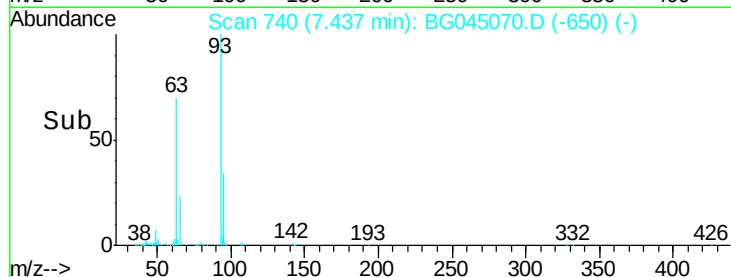
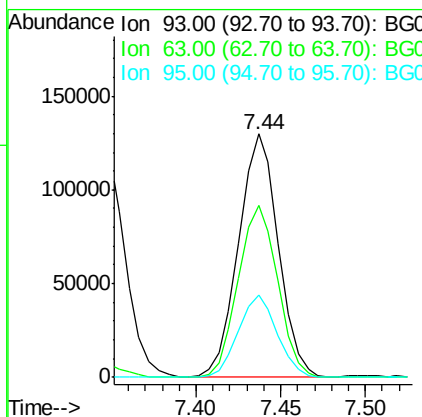
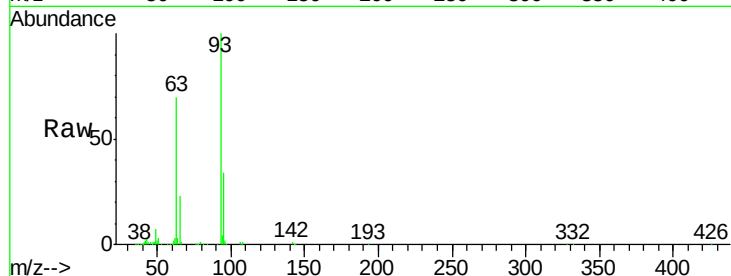




#11
bis(2-Chloroethyl)ether
Concen: 55.097 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

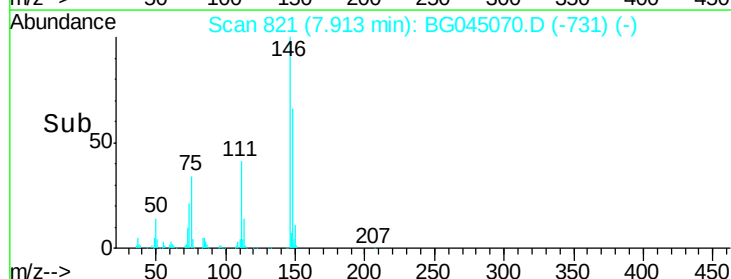
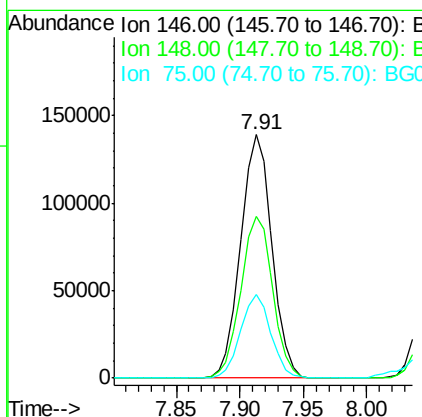
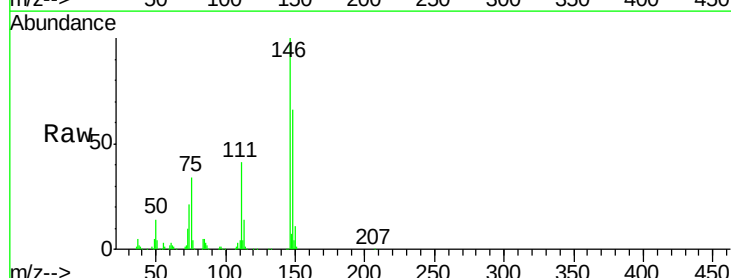
Instrument :
BNA_G
ClientSampleId :
PA-5MS

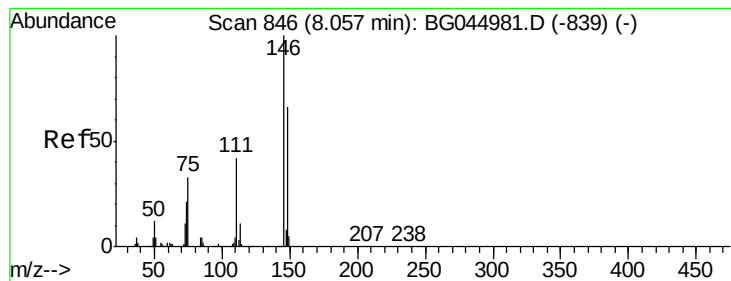
Tot Ion	93	Resp	210568
Ion Ratio	Lower	Upper	
93	100		
63	70.5	51.8	91.8
95	33.8	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 58.064 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	146	Resp	237410
Ion Ratio	Lower	Upper	
146	100		
148	66.5	54.6	81.8
75	34.2	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 59.159 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

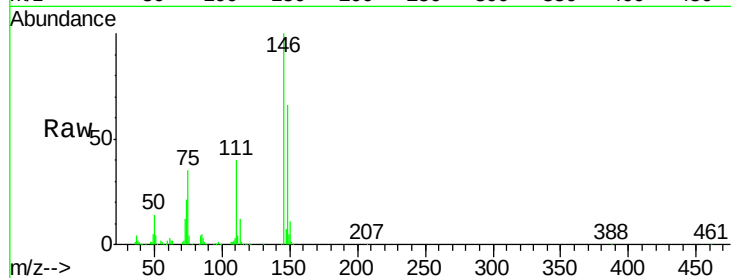
Tot Ion:146 Resp: 241024

Ion Ratio Lower Upper

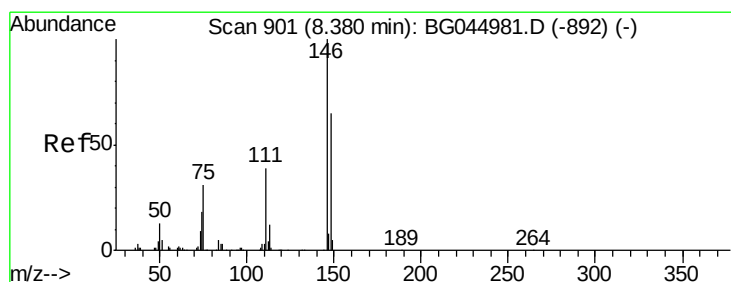
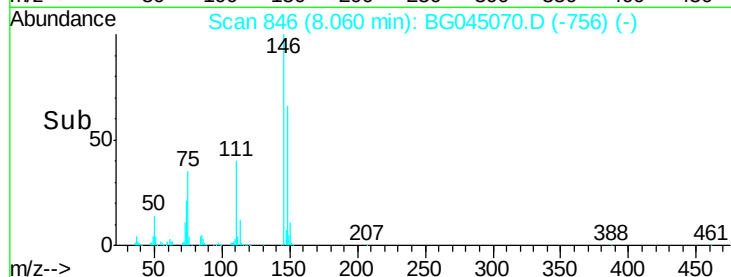
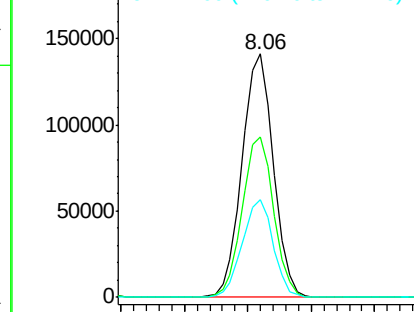
146 100

148 65.9 53.3 79.9

111 40.0 33.8 50.8



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: 57.723 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

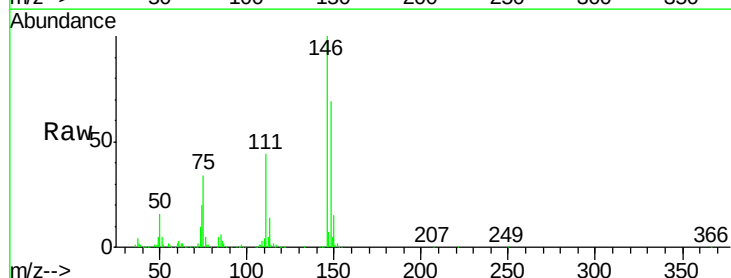
Tgt Ion:146 Resp: 224990

Ion Ratio Lower Upper

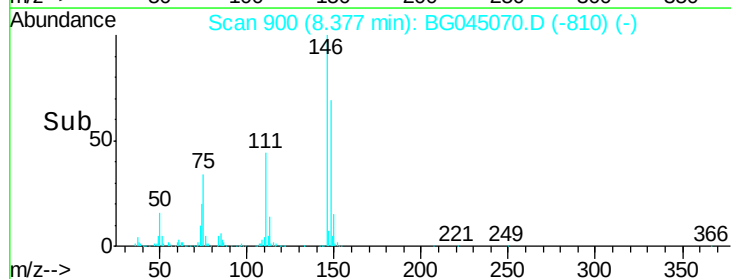
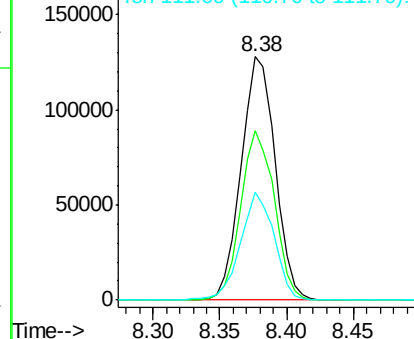
146 100

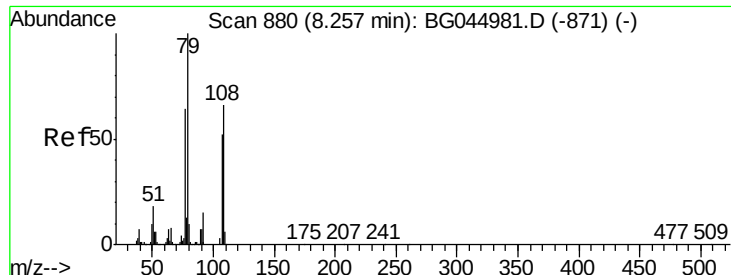
148 69.4 51.9 77.9

111 44.2 31.3 46.9



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: 61.161 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

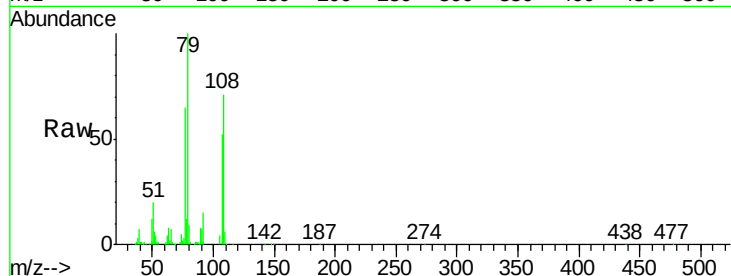
Tot Ion: 79 Resp: 245975

Ion Ratio Lower Upper

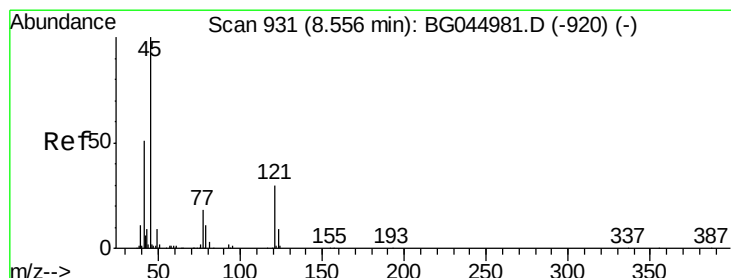
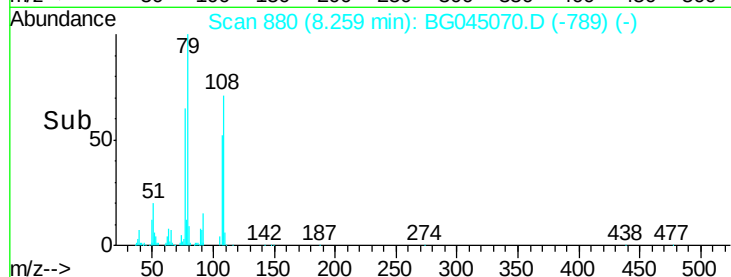
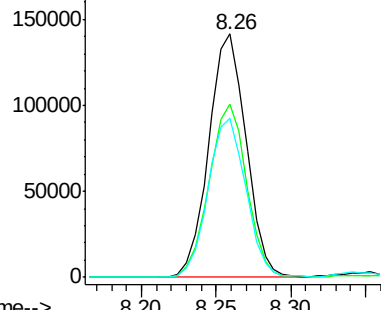
79 100

108 70.9 52.7 79.1

77 65.4 51.3 76.9



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: 52.363 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

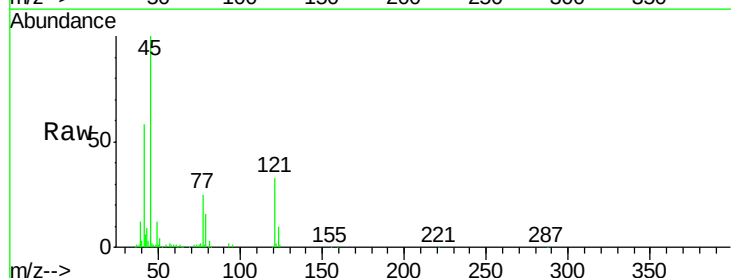
Tgt Ion: 45 Resp: 196441

Ion Ratio Lower Upper

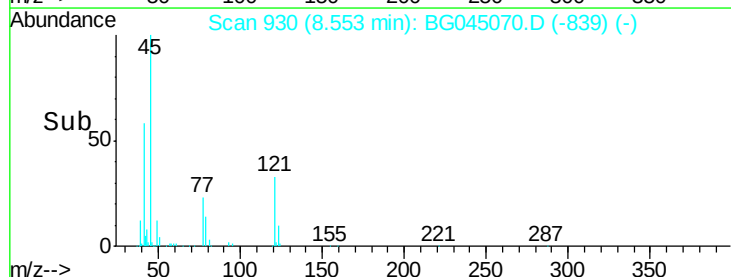
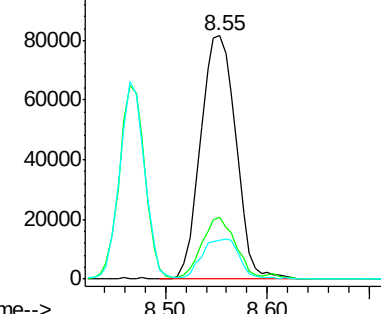
45 100

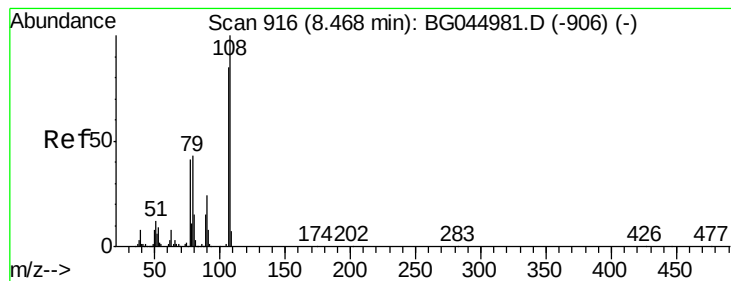
77 25.2 1.9 41.9

79 15.7 0.0 35.5



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: 60.570 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

Tot Ion:107 Resp: 224324

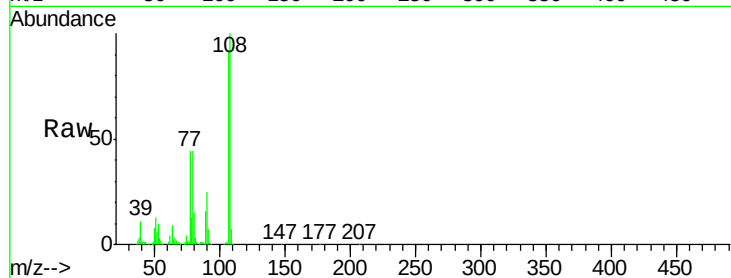
Ion Ratio Lower Upper

107 100

108 108.2 93.8 140.6

77 48.0 38.5 57.7

79 47.4 40.1 60.1

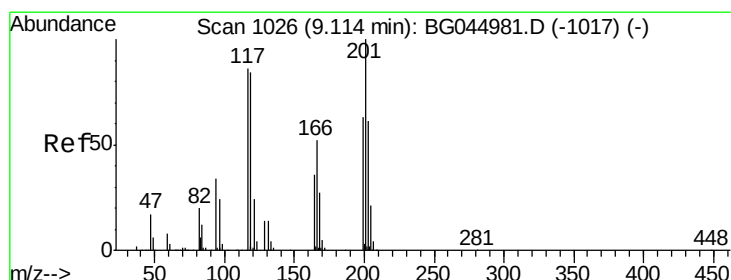
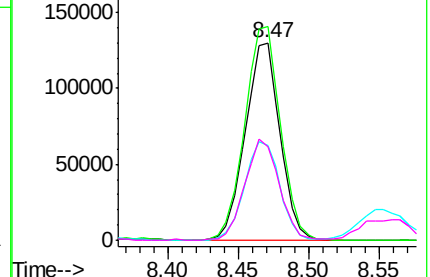
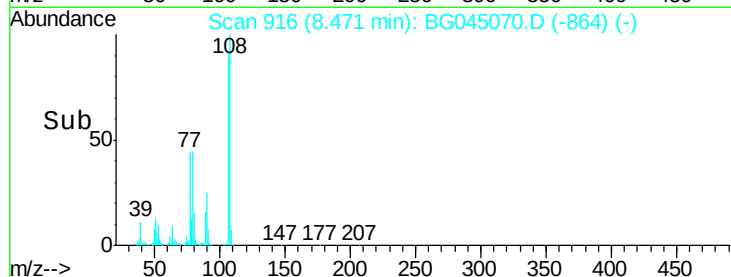


Abundance Ion 107.00 (106.70 to 107.70): E

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: 57.817 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

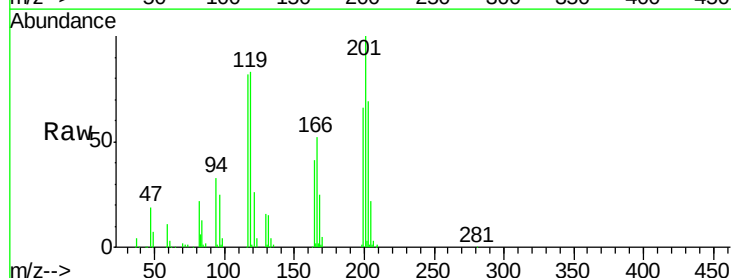
Tgt Ion:117 Resp: 88554

Ion Ratio Lower Upper

117 100

119 101.2 78.3 117.5

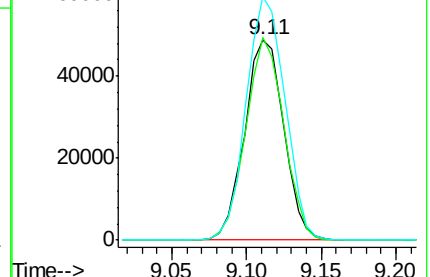
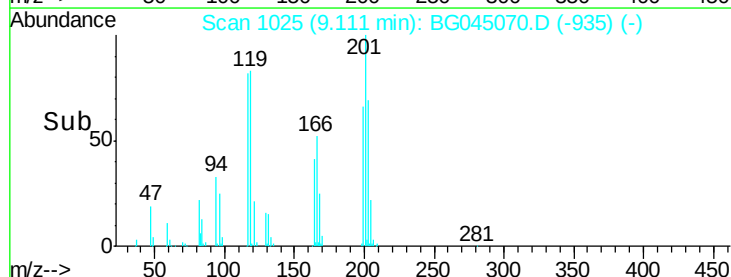
201 121.5 92.9 139.3

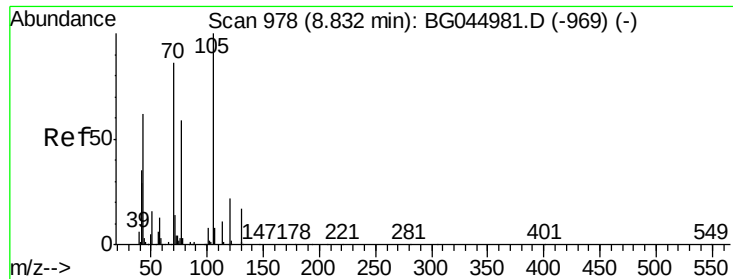


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

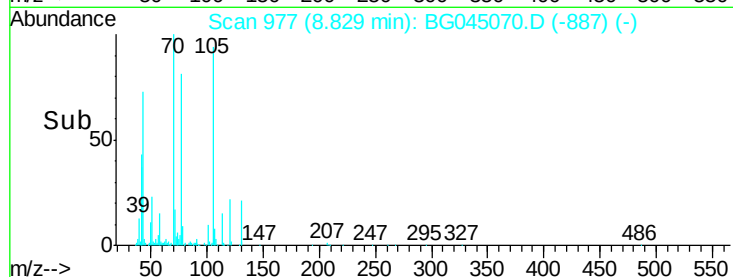
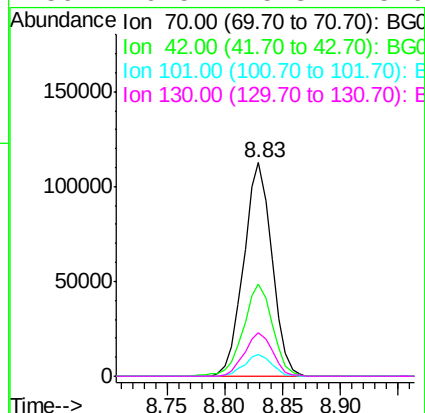
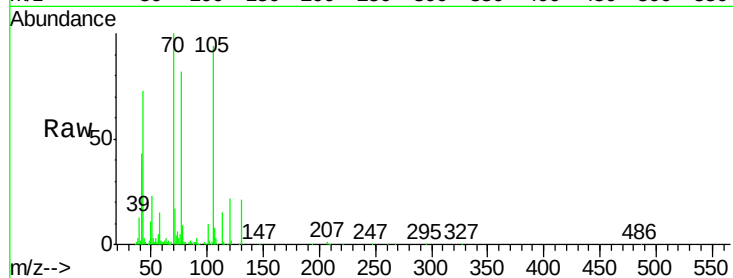




#19
n-Nitroso-di-n-propylamine
Concen: 56.461 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

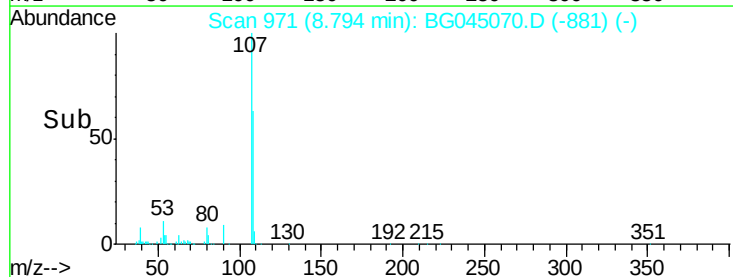
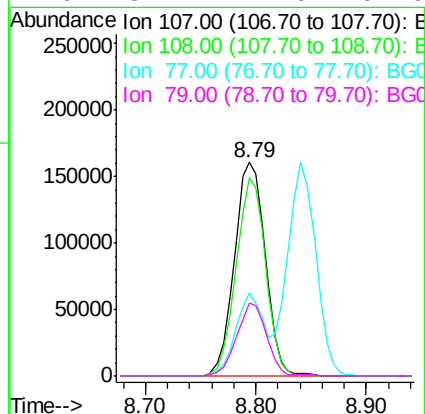
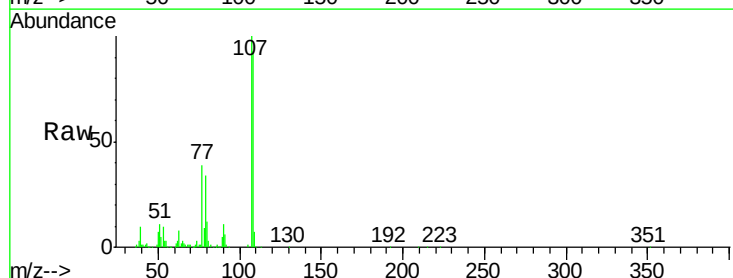
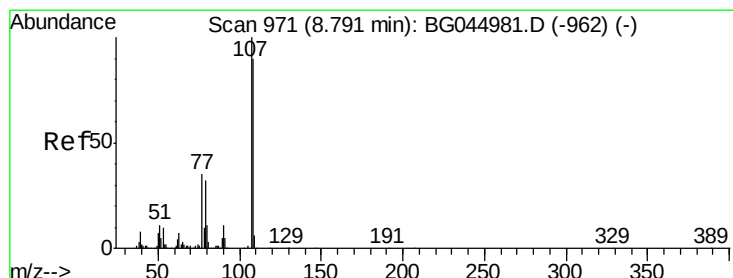
Instrument :
BNA_G
ClientSampleId :
PA-5MS

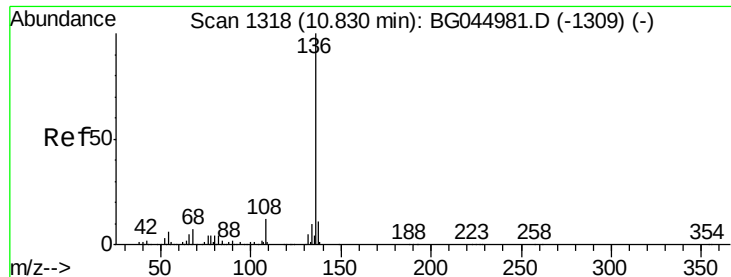
Tot Ion:	70	Resp:	191534
Ion	Ratio	Lower	Upper
70	100		
42	42.9	33.3	49.9
101	10.0	7.8	11.8
130	20.5	15.8	23.6



#20
3+4-Methylphenols
Concen: 60.950 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion:	107	Resp:	315955
Ion	Ratio	Lower	Upper
107	100		
108	92.9	69.9	109.9
77	39.1	15.2	55.2
79	34.4	11.6	51.6

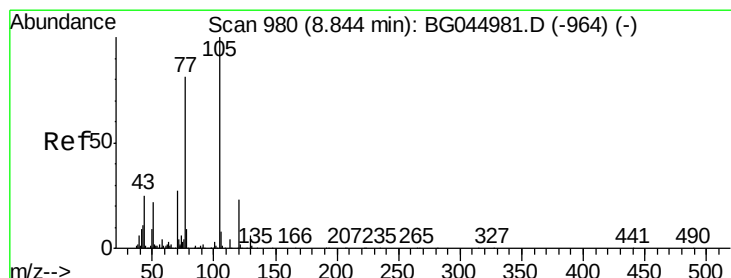
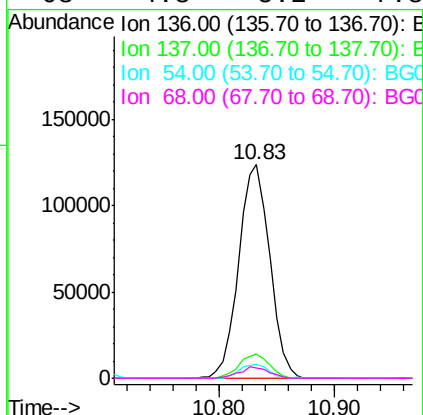
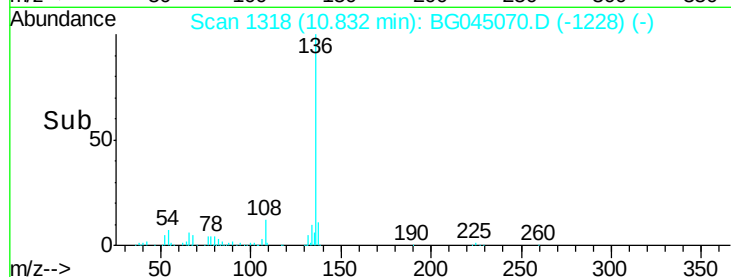
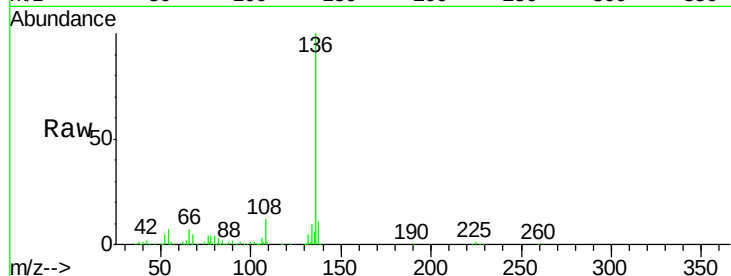




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

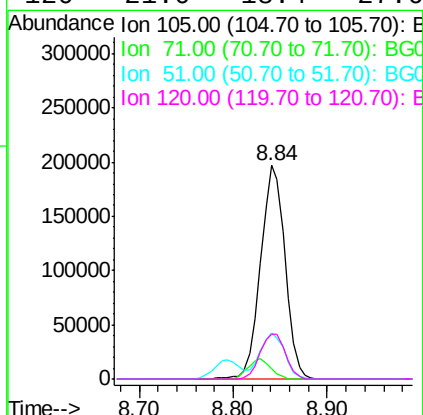
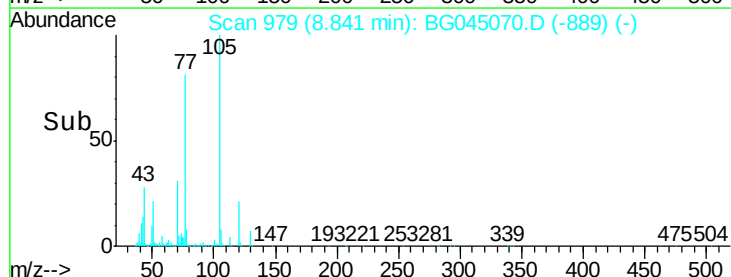
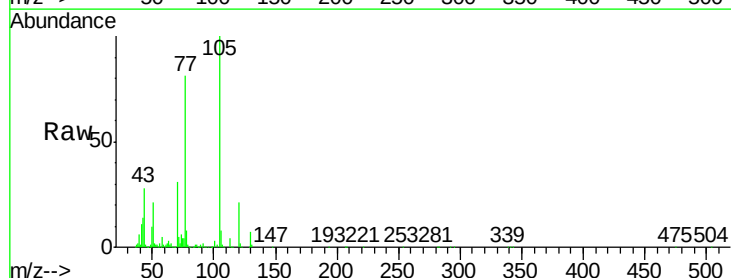
Instrument :
BNA_G
ClientSampleId :
PA-5MS

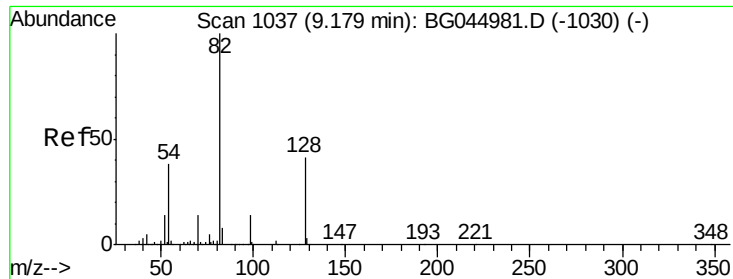
Tot Ion:136	Resp:	230813
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.6	13.0
54 6.7	4.8	7.2
68 4.8	5.2	7.8#



#22
Acetophenone
Concen: 56.698 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt	Ion:105	Resp:	353898
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.3	4.9#
51	21.5	17.3	25.9
120	21.0	18.4	27.6

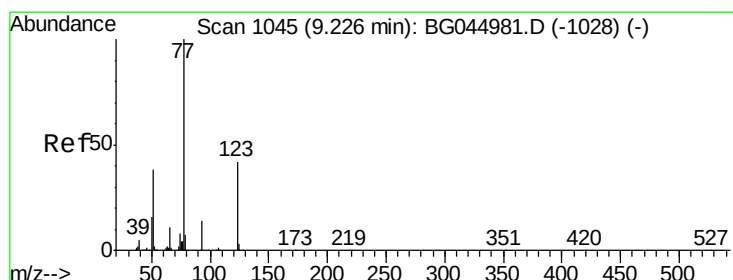
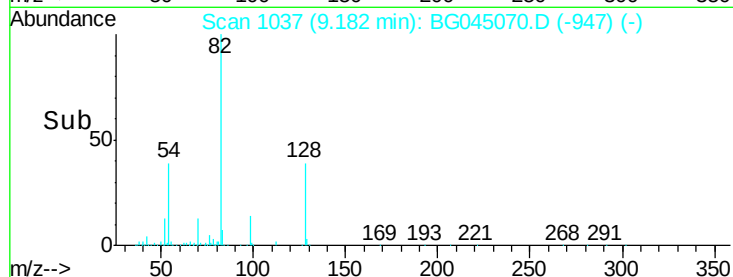
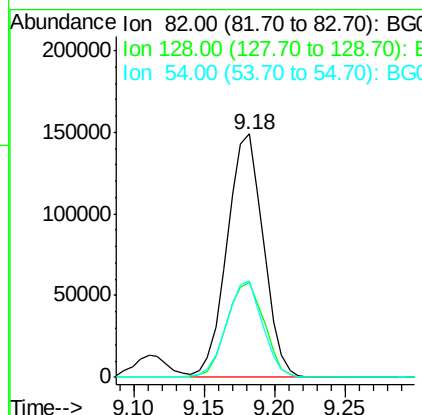
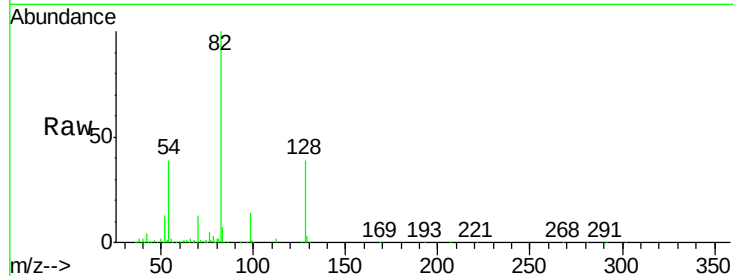




#23
 Nitrobenzene-d5
 Concen: 52.773 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

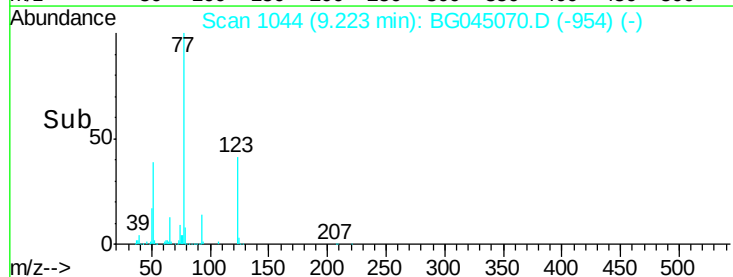
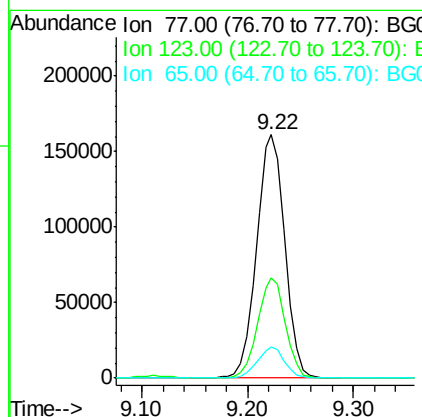
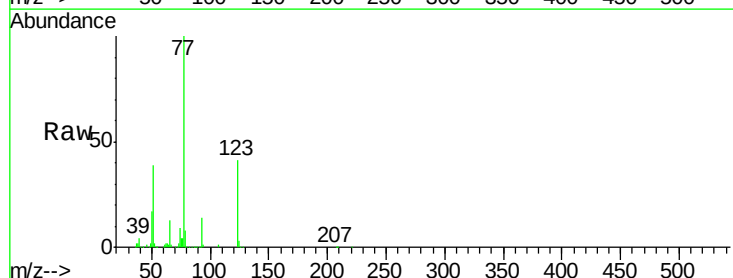
Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

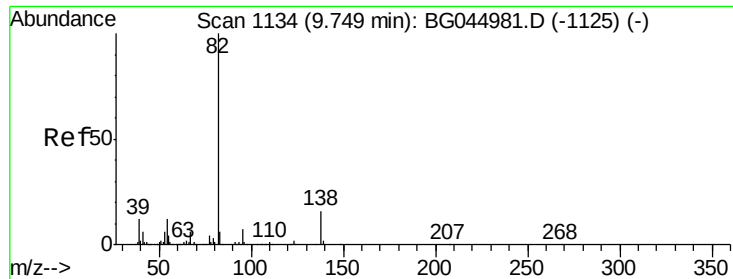
Tot Ion	82	Resp	266951
Ion Ratio	Lower	Upper	
82	100		
128	39.1	33.0	49.4
54	39.4	30.4	45.6



#24
 Nitrobenzene
 Concen: 57.715 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	77	Resp	299259
Ion Ratio	Lower	Upper	
77	100		
123	41.2	34.3	51.5
65	13.0	8.9	13.3





#25

Isophorone

Concen: 53.573 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

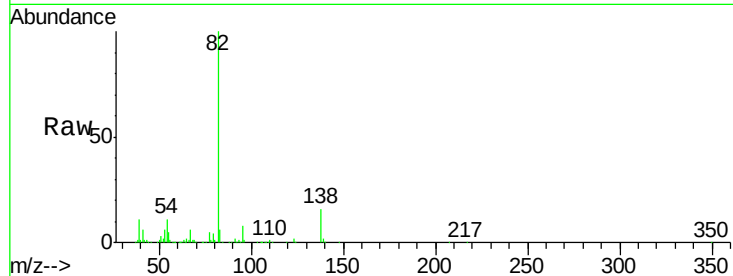
Tot Ion: 82 Resp: 554962

Ion Ratio Lower Upper

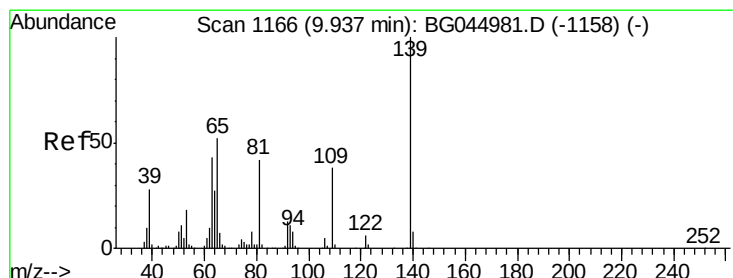
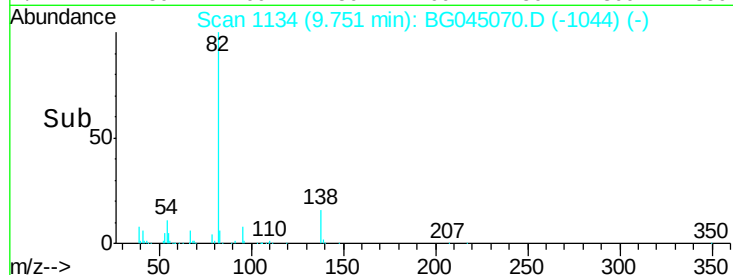
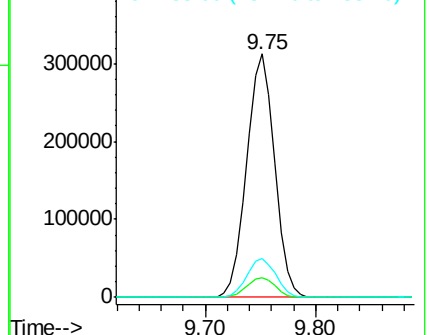
82 100

95 8.2 6.0 9.0

138 16.1 12.7 19.1



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: 61.377 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

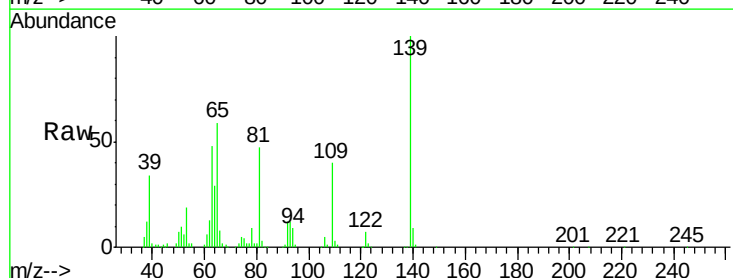
Tgt Ion: 139 Resp: 137085

Ion Ratio Lower Upper

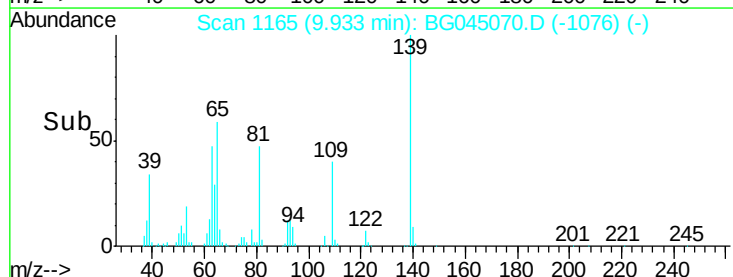
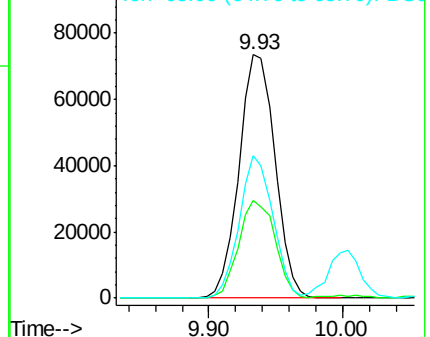
139 100

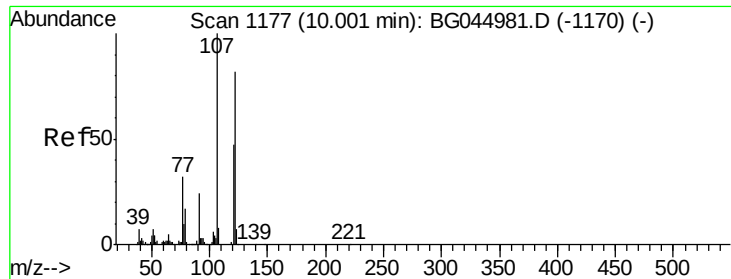
109 39.9 30.6 45.8

65 58.6 41.8 62.6



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

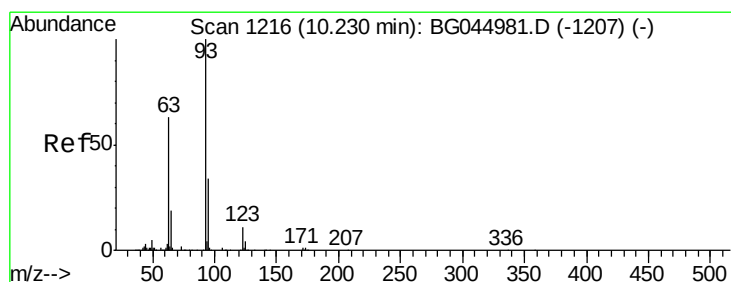
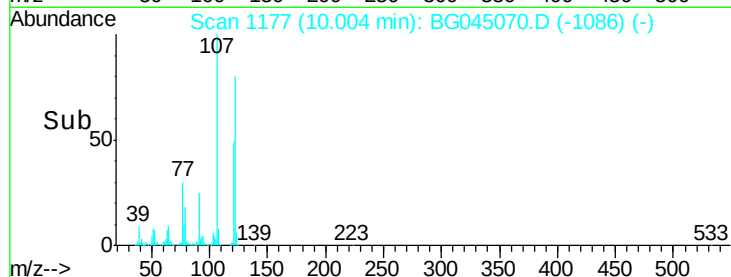
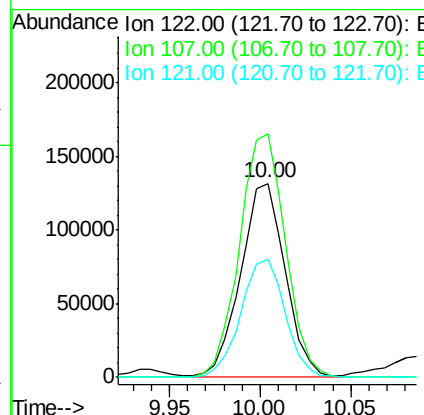
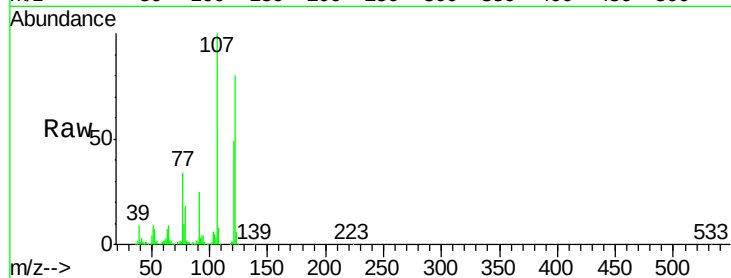




#27
 2,4-Dimethylphenol
 Concen: 63.417 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

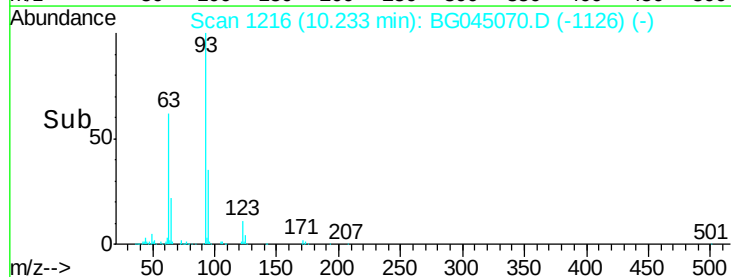
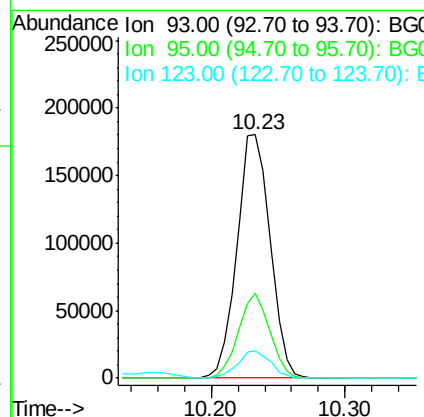
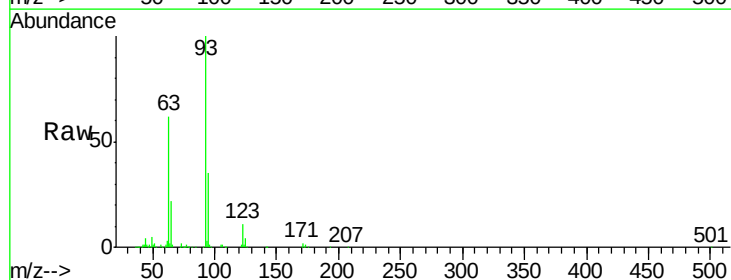
Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

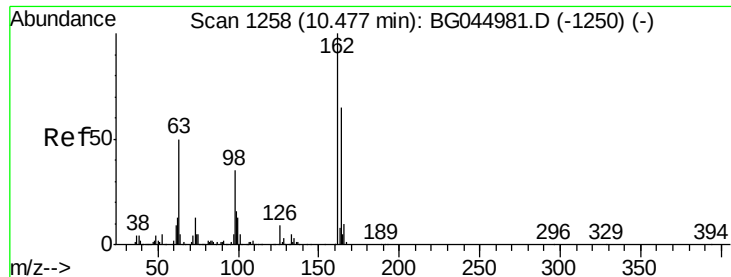
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.7	96.8	145.2
121	61.0	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 57.194 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.7	27.0	40.4
123	11.2	8.7	13.1

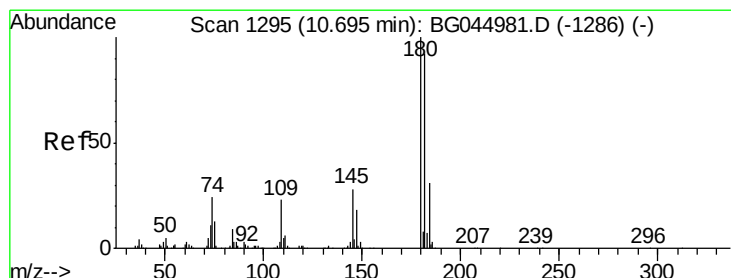
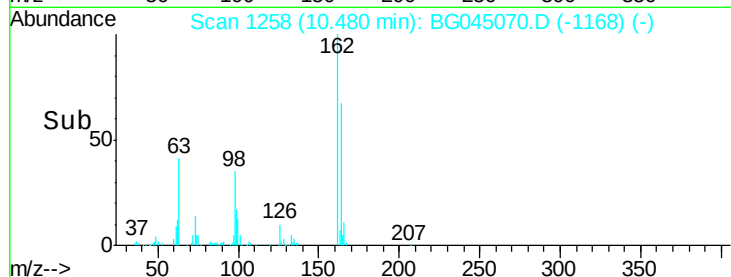
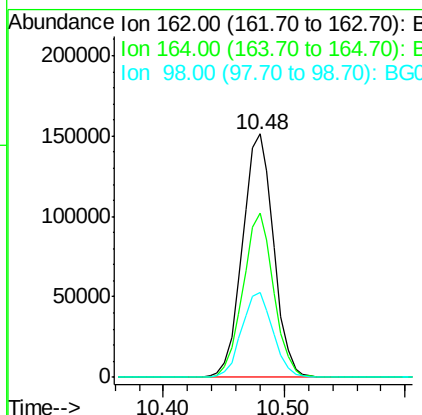
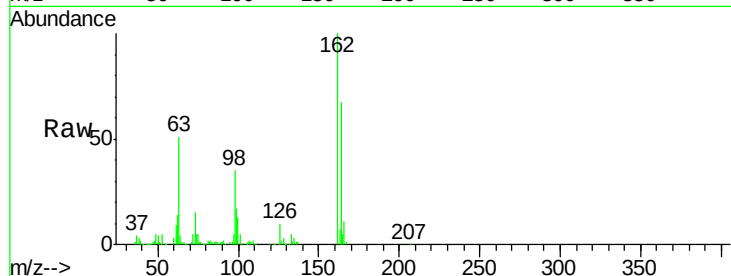




#29
 2,4-Dichlorophenol
 Concen: 66.179 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

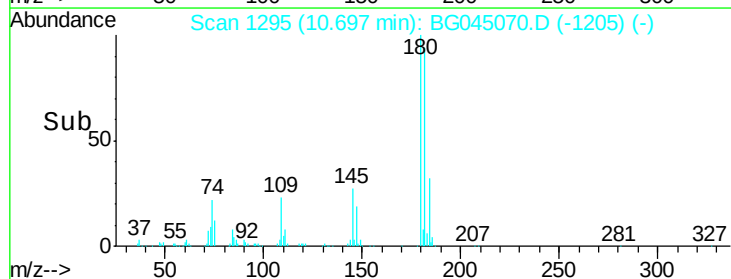
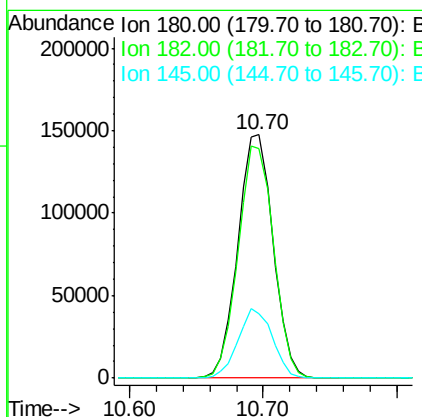
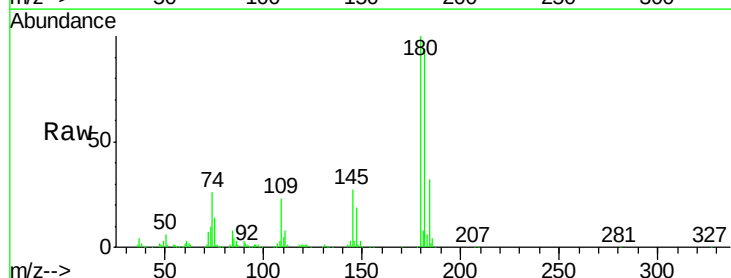
Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

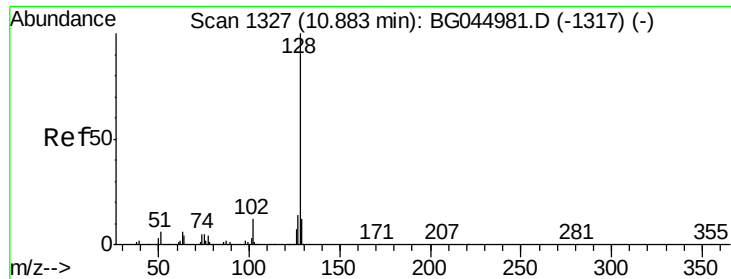
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	45.0	85.0
98	35.0	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 58.048 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	73.3	109.9
145	26.6	22.6	33.8

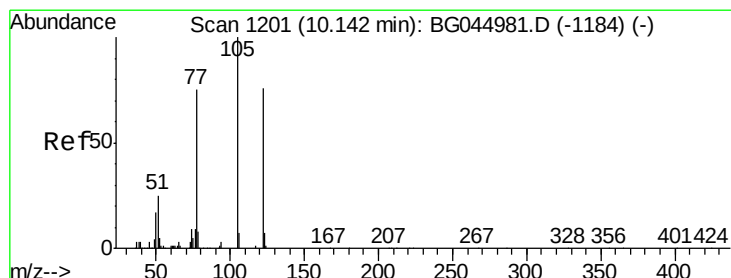
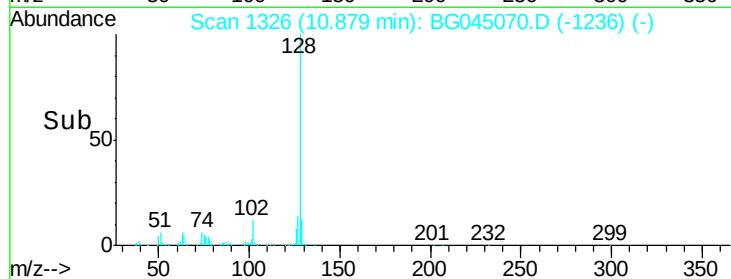
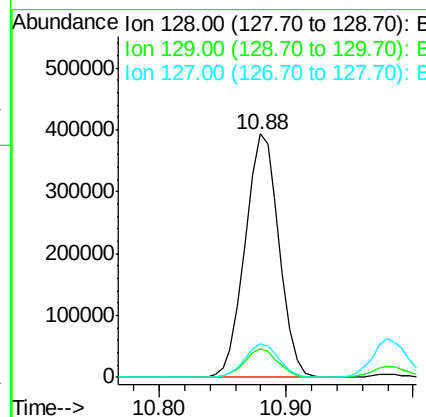
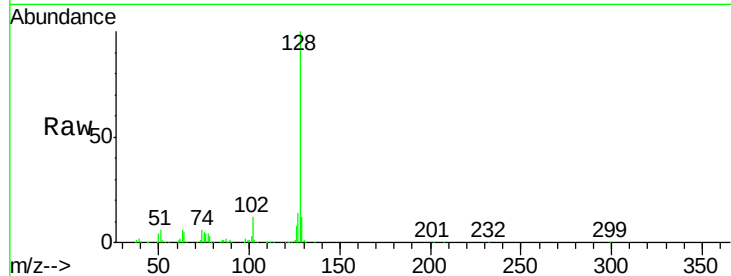




#31
Naphthalene
Concen: 57.625 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

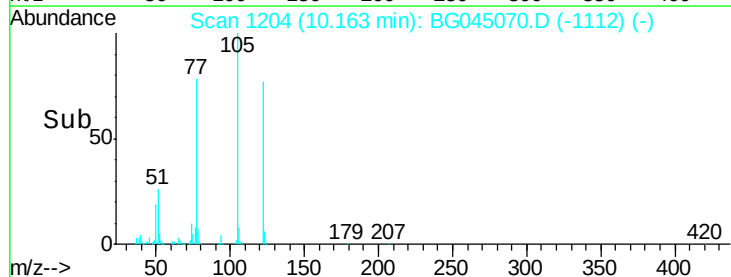
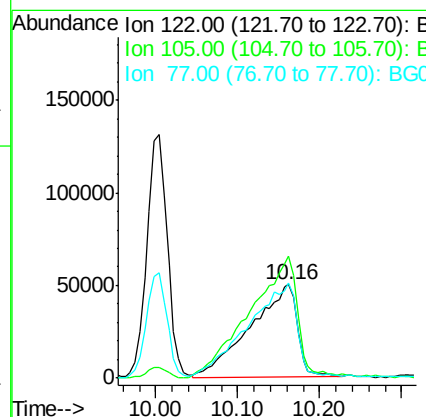
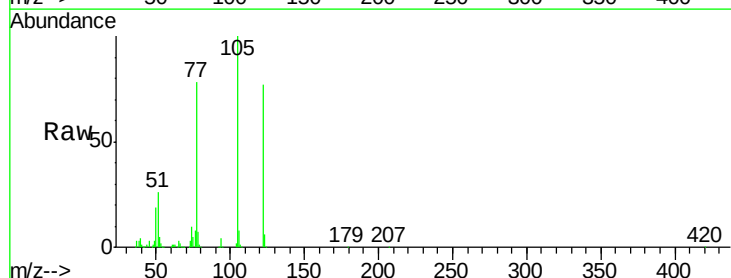
Instrument :
BNA_G
ClientSampleId :
PA-5MS

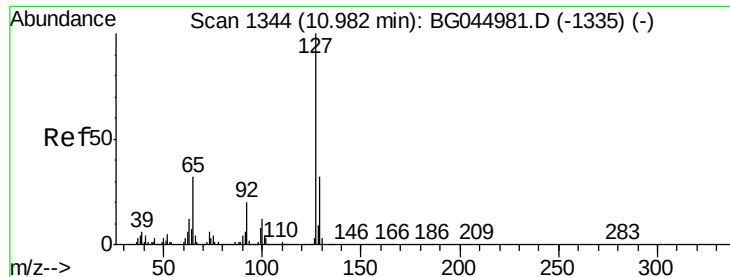
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.8	10.8	16.2



#32
Benzoic acid
Concen: 66.298 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	108.4	148.4
77	101.1	78.8	118.8

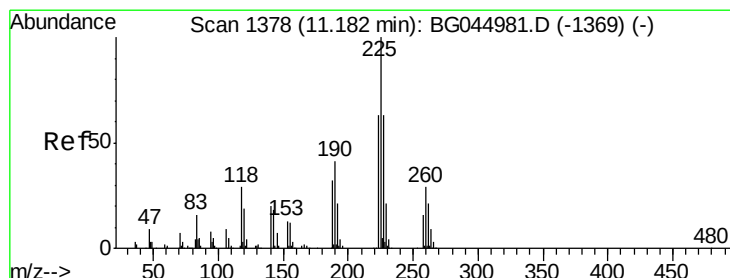
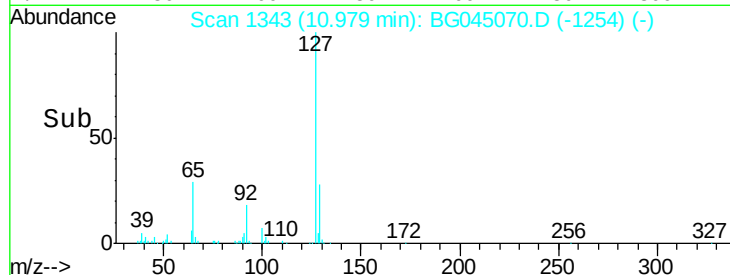
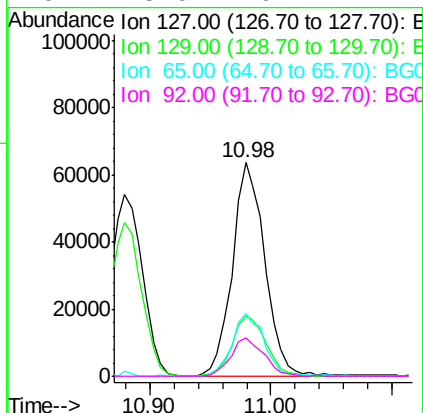
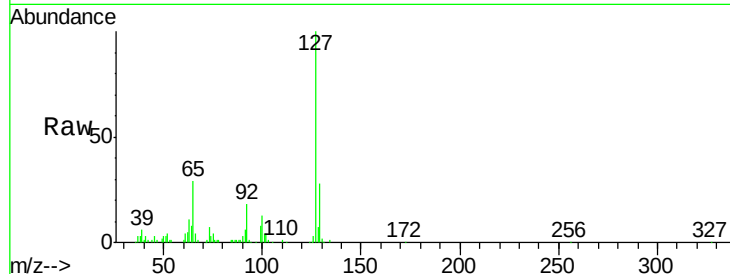




#33
4-Chloroaniline
Concen: 20.214 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

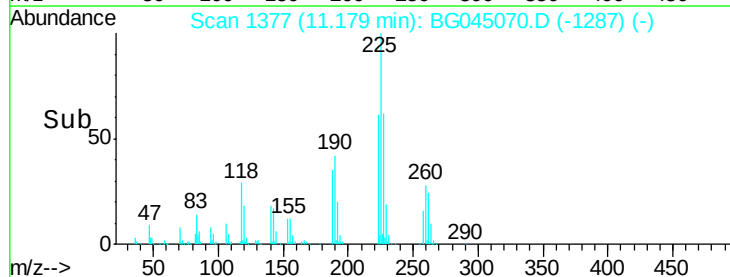
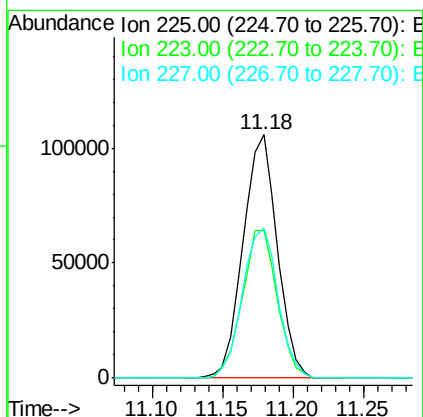
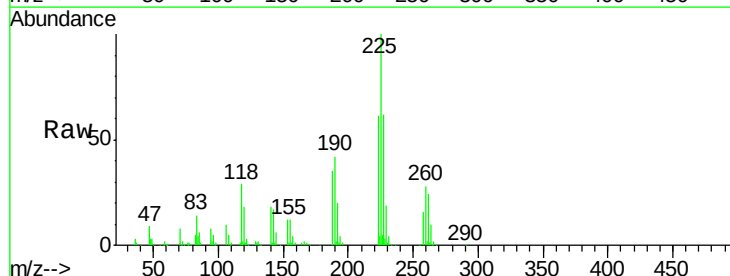
Instrument :
BNA_G
ClientSampleId :
PA-5MS

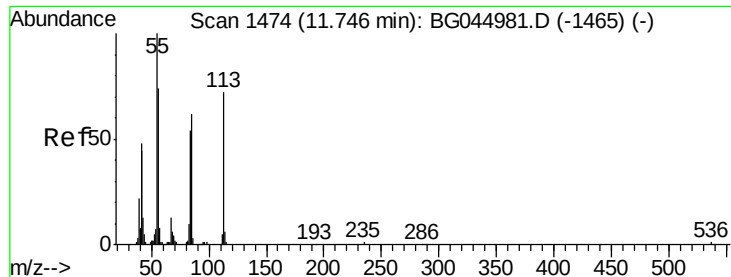
Tot Ion:	127	Resp:	119030
Ion	Ratio	Lower	Upper
127	100		
129	28.4	25.7	38.5
65	29.4	25.4	38.2
92	18.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 56.439 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion:	225	Resp:	179282
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.7	76.1
227	61.9	50.2	75.2





#35

Caprolactam

Concen: 39.808 ng

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampled :

PA-5MS

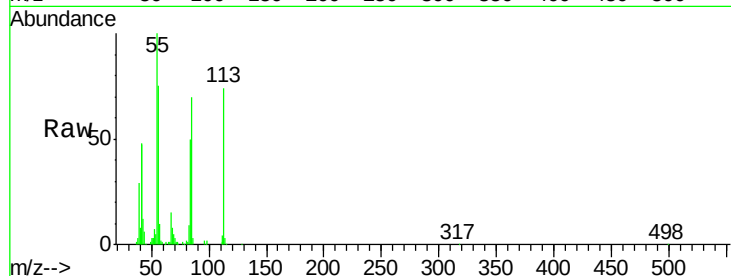
Tot Ion:113 Resp: 64832

Ion Ratio Lower Upper

113 100

55 134.6 118.8 158.8

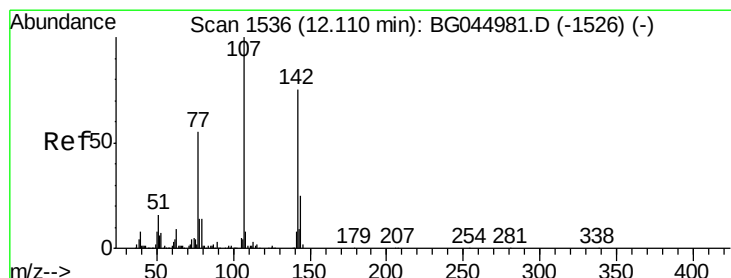
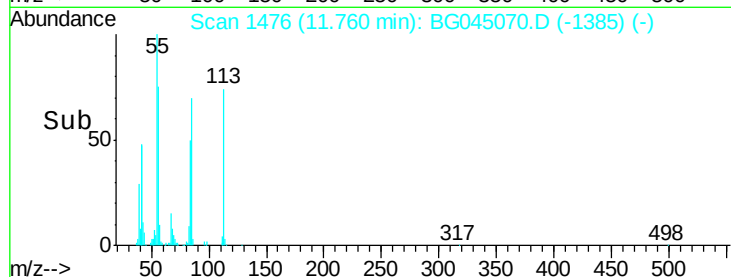
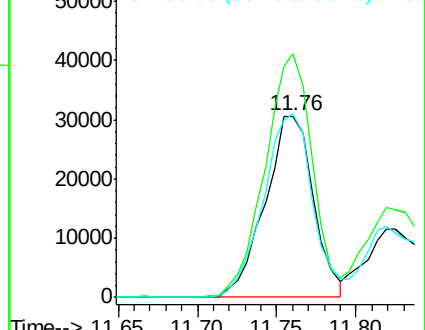
56 101.6 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 67.763 ng

RT: 12.11 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

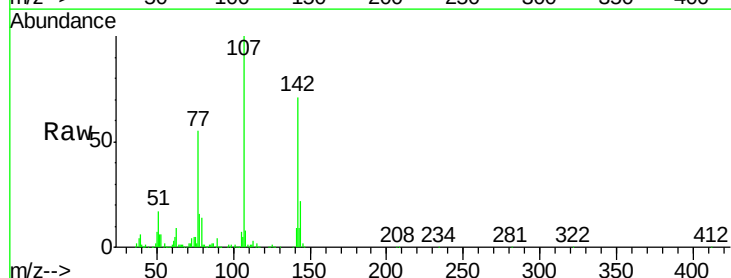
Tgt Ion:107 Resp: 325746

Ion Ratio Lower Upper

107 100

144 22.5 19.8 29.6

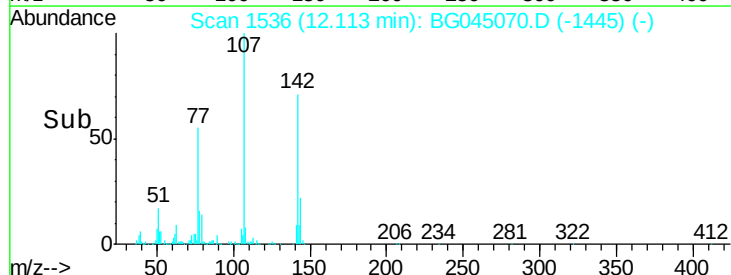
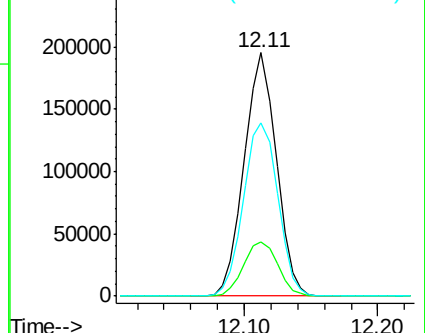
142 71.3 59.7 89.5

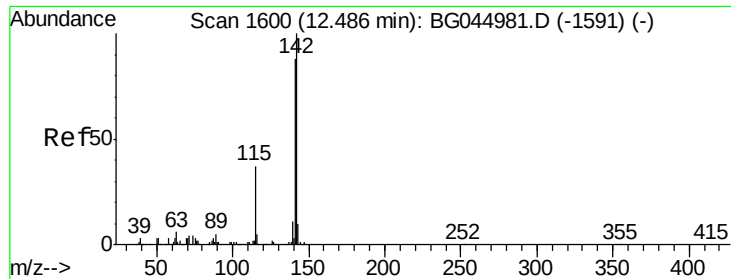


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

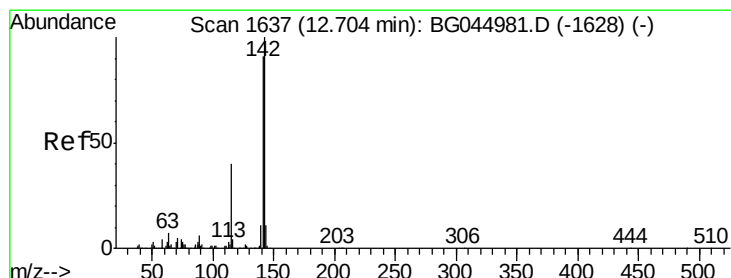
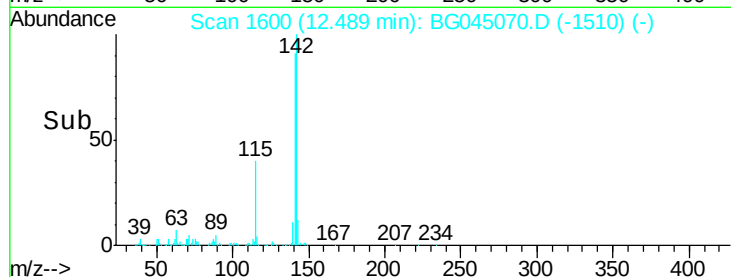
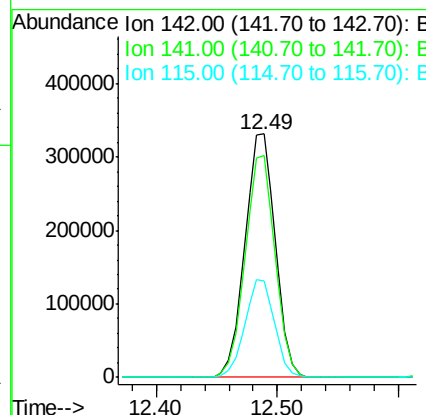
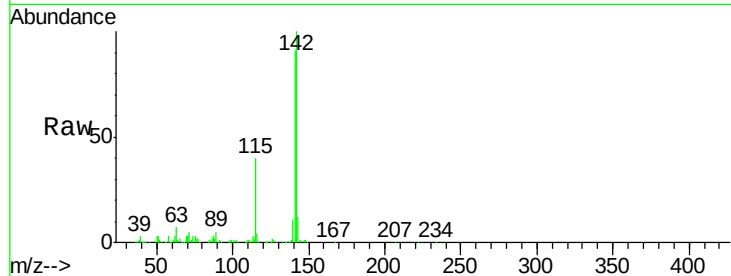




#37
 2-Methylnaphthalene
 Concen: 59.282 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

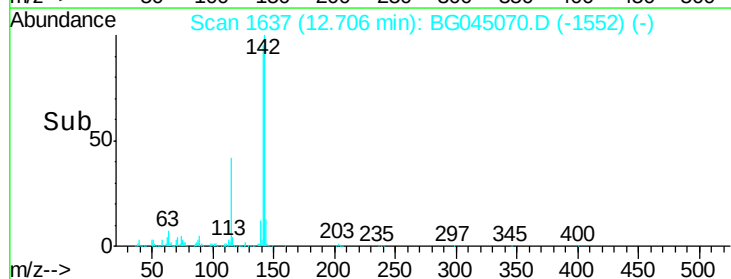
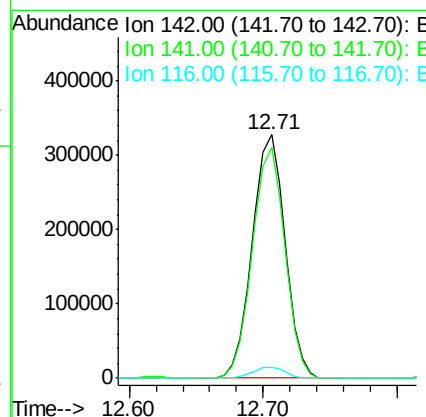
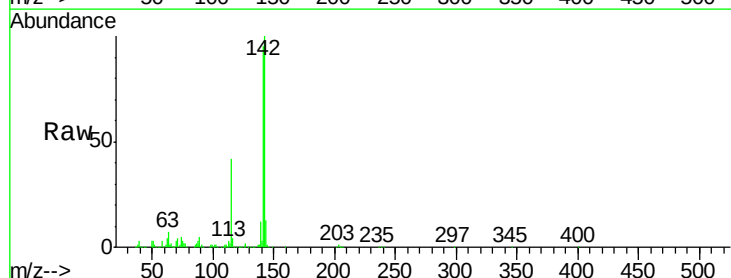
Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

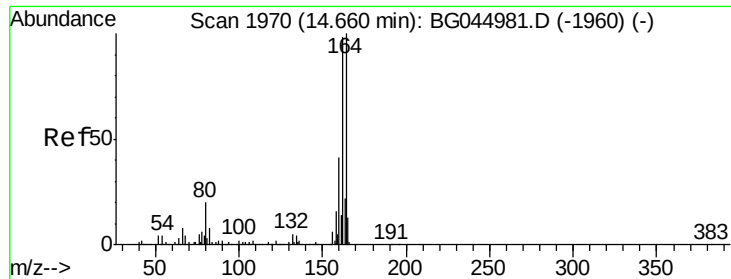
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.3	105.5
115	39.8	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 59.909 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

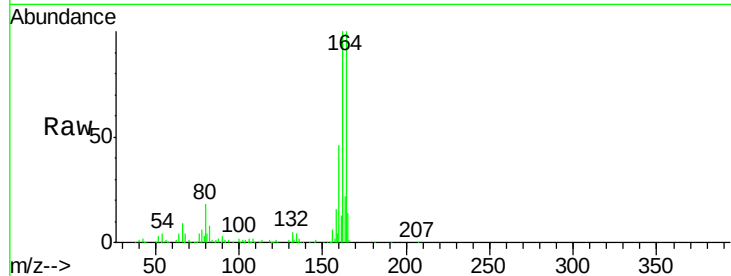
Tot Ion:164 Resp: 185300

Ion Ratio Lower Upper

164 100

162 99.9 78.7 118.1

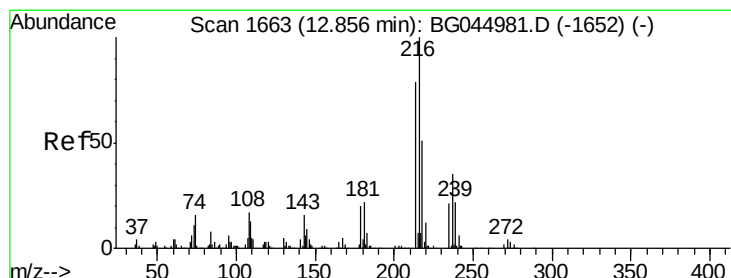
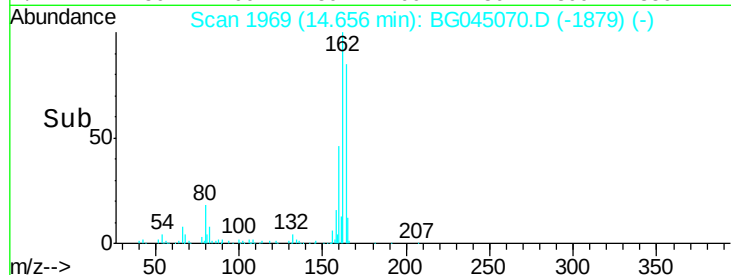
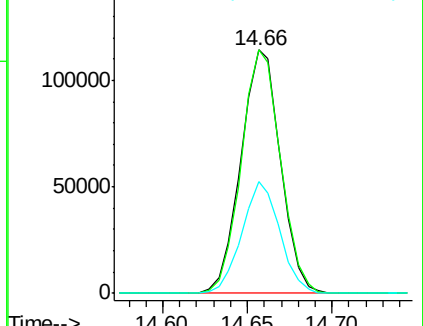
160 46.2 32.8 49.2



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: 54.323 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:216 Resp: 324103

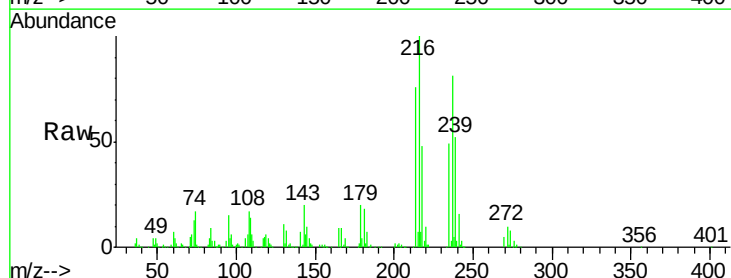
Ion Ratio Lower Upper

216 100

214 77.4 63.0 94.6

179 19.8 15.8 23.8

108 18.9 14.2 21.2

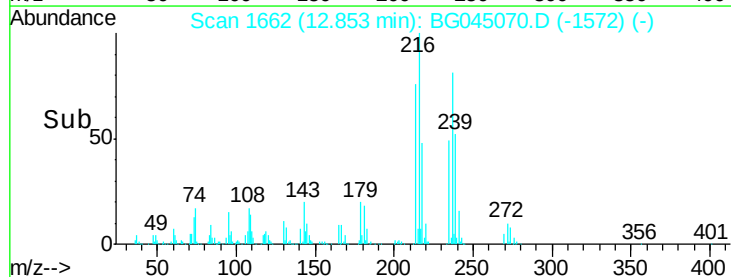
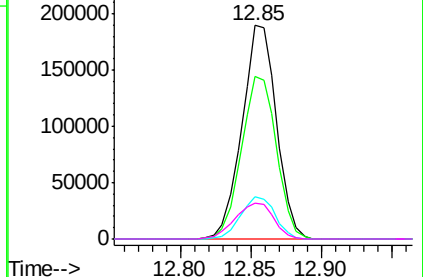


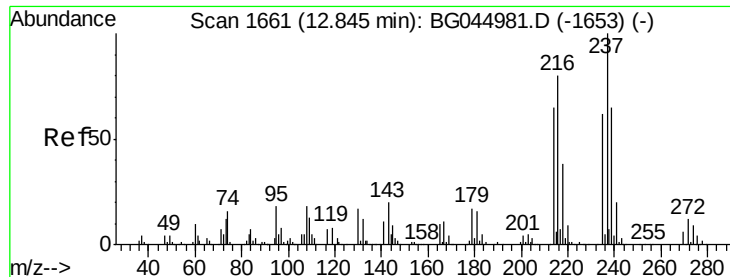
Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.545 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

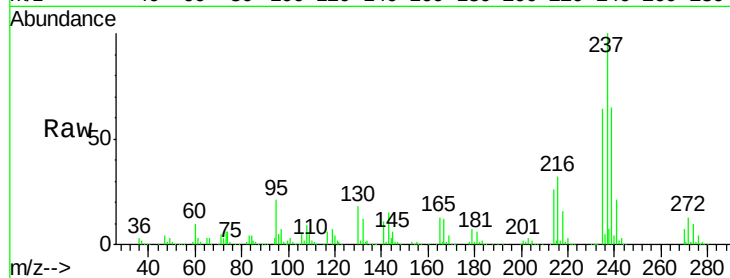
Tot Ion:237 Resp: 412216

Ion Ratio Lower Upper

237 100

235 64.4 41.6 81.6

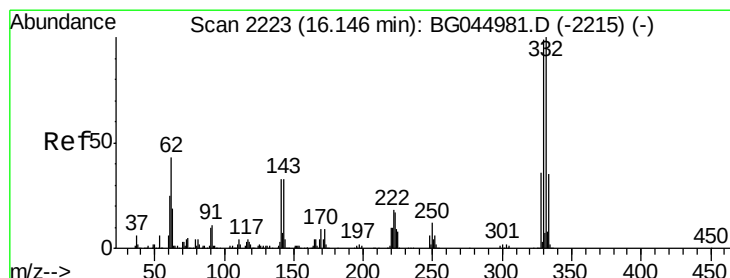
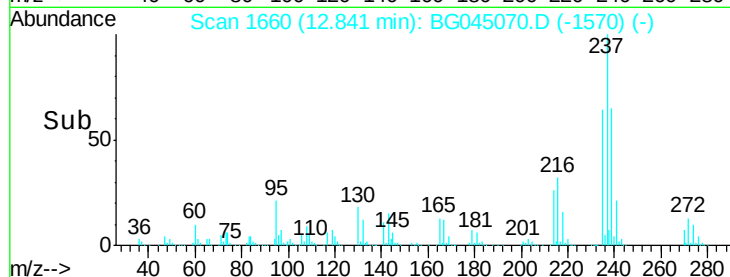
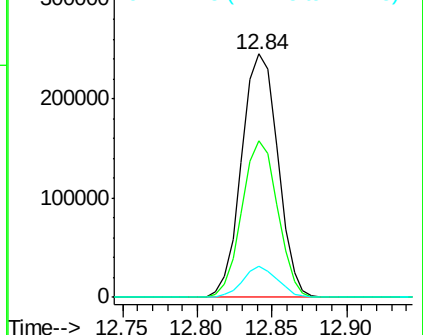
272 12.5 0.0 32.1



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: 92.520 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

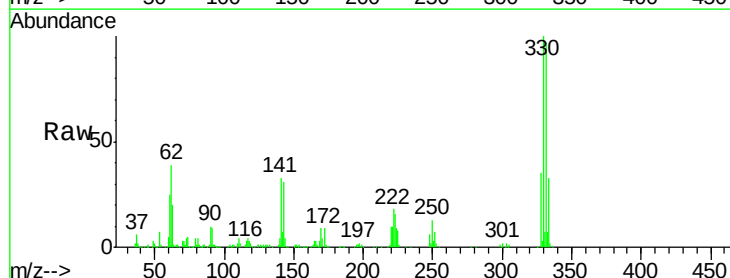
Tgt Ion:330 Resp: 264852

Ion Ratio Lower Upper

330 100

332 97.9 79.1 118.7

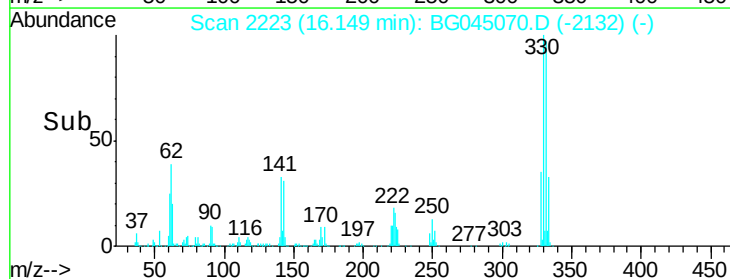
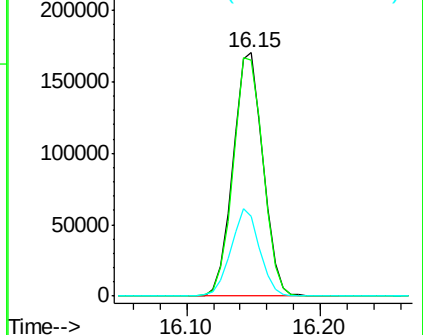
141 34.5 27.1 40.7

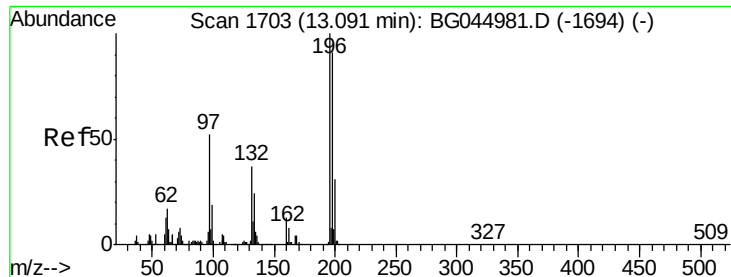


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

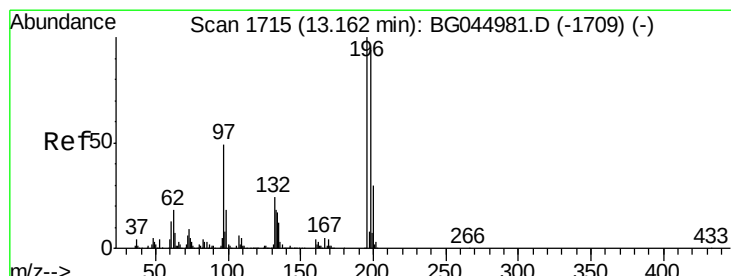
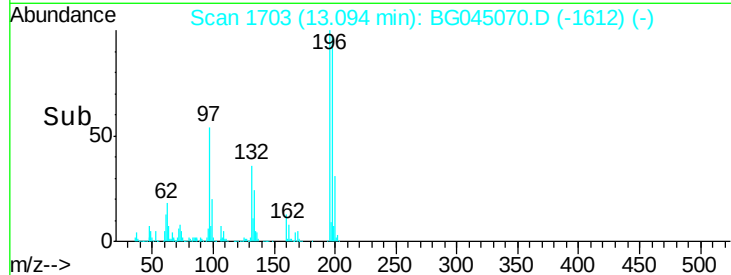
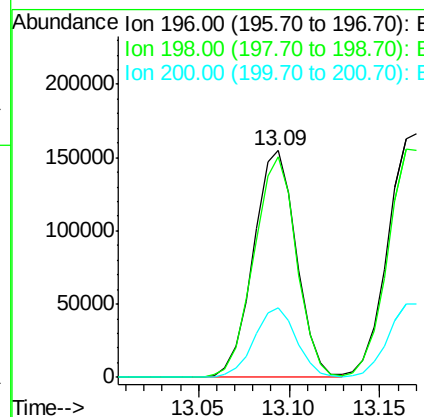
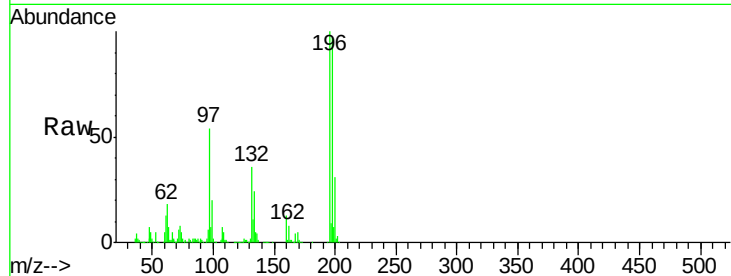




#43
 2,4,6-Trichlorophenol
 Concen: 60.824 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.01 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

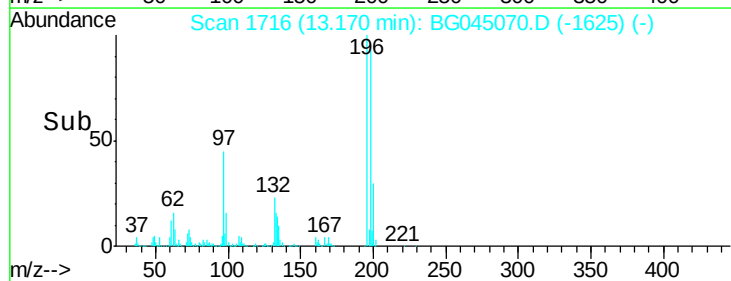
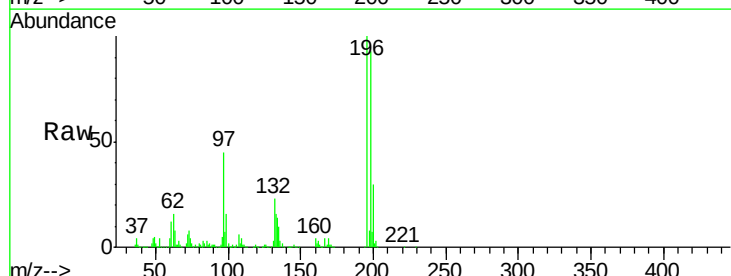
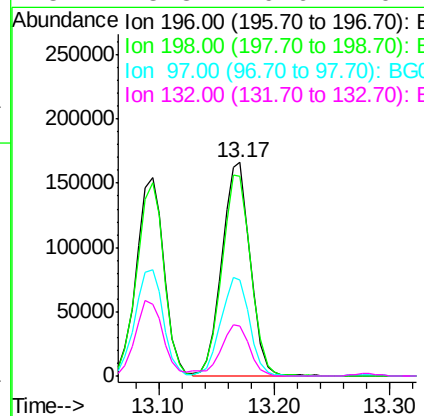
Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

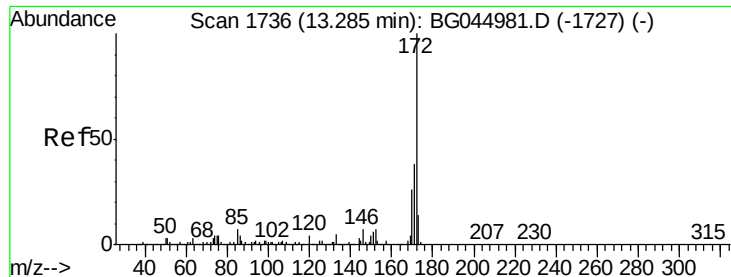
Tot Ion	196	Resp	256113
Ion Ratio	Lower	Upper	
196	100		
198	97.2	72.5	108.7
200	30.5	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 58.361 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	196	Resp	279716
Ion Ratio	Lower	Upper	
196	100		
198	93.3	75.7	113.5
97	45.1	39.6	59.4
132	23.3	19.6	29.4

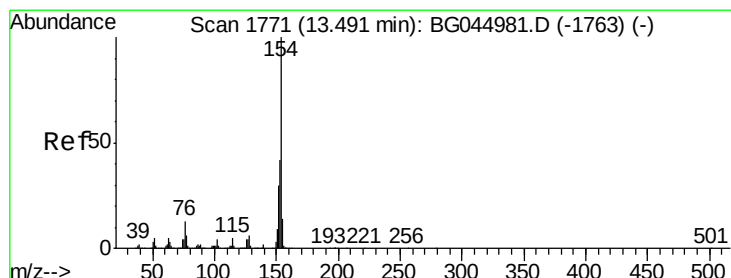
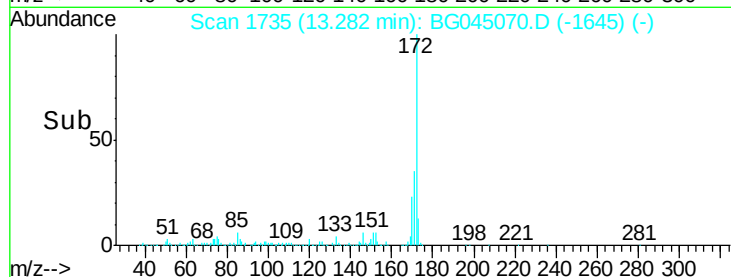
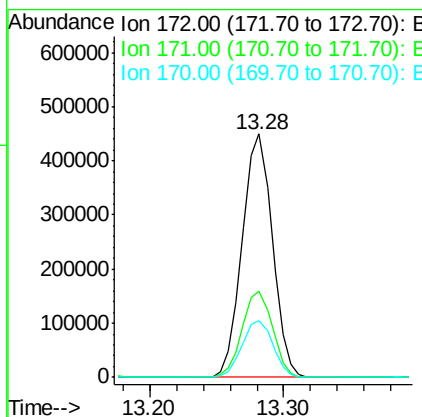
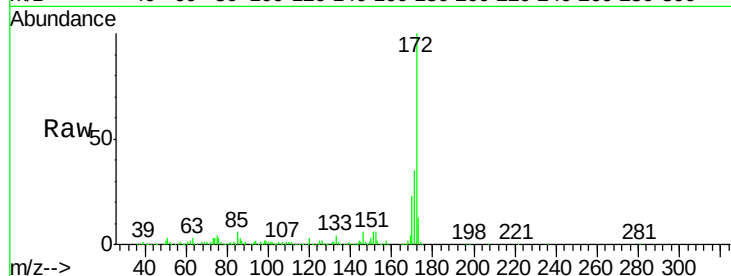




#45
2-Fluorobiphenyl
Concen: 55.573 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

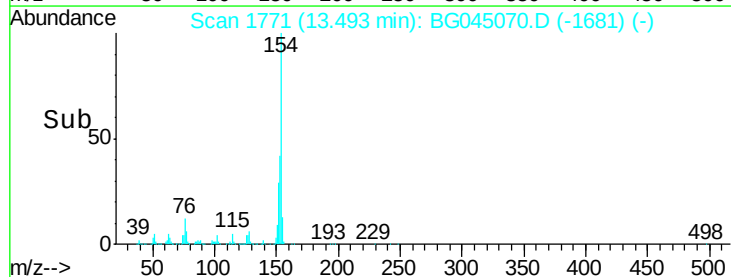
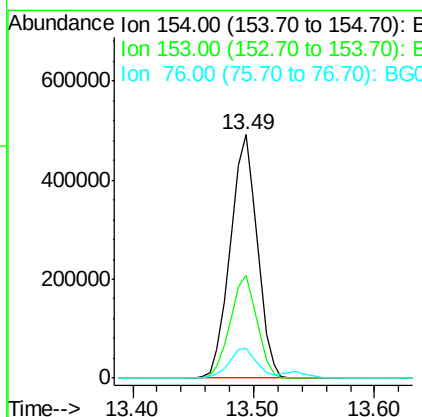
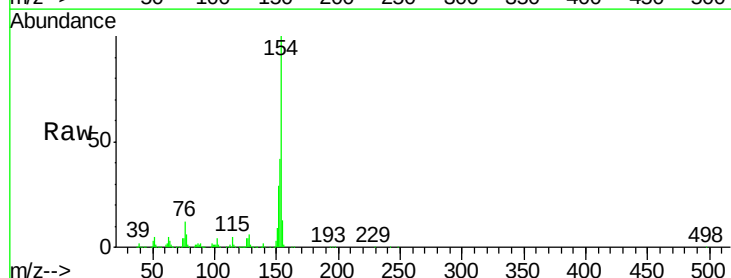
Instrument :
BNA_G
ClientSampleId :
PA-5MS

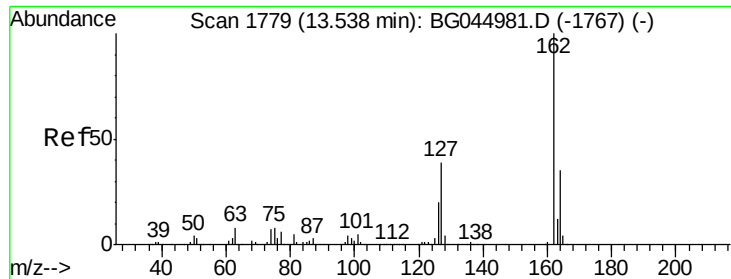
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.6	46.0
170	23.1	20.5	30.7



#46
1,1'-Biphenyl
Concen: 54.198 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.9	61.9
76	12.2	0.0	33.1

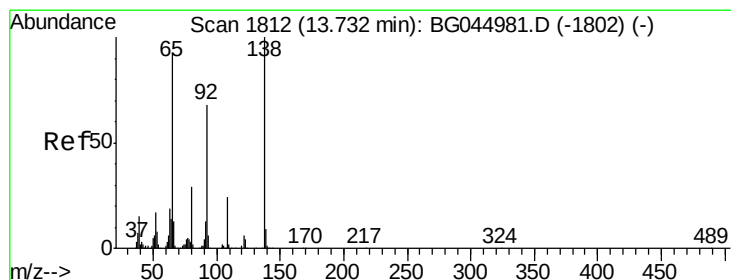
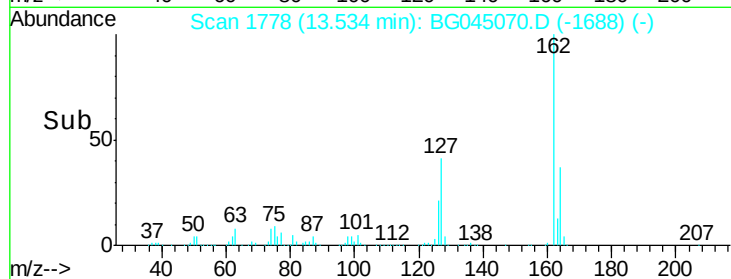
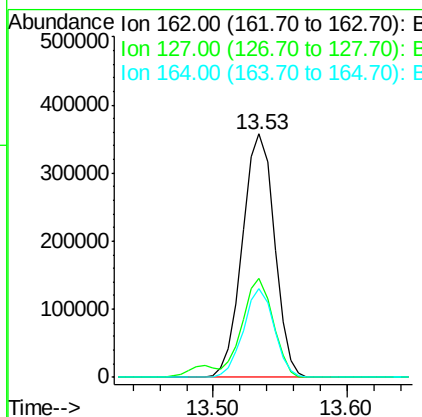
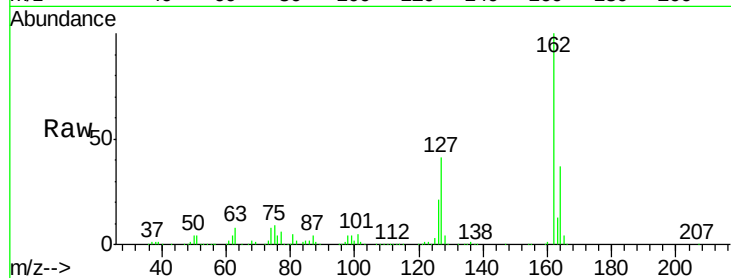




#47
2-Chloronaphthalene
Concen: 55.106 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

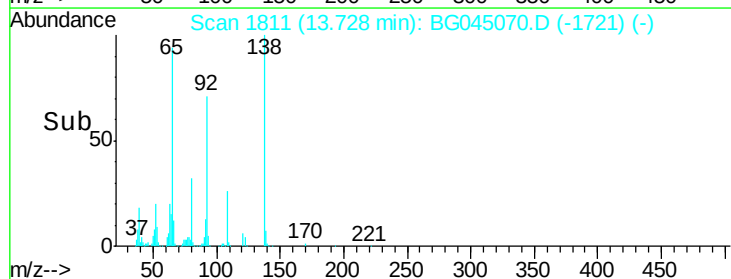
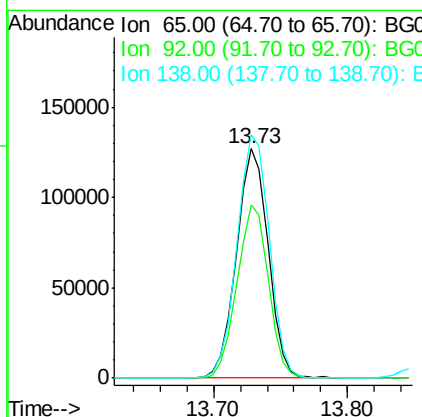
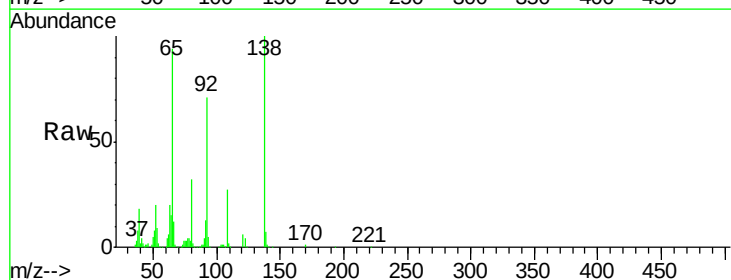
Instrument :
BNA_G
ClientSampleId :
PA-5MS

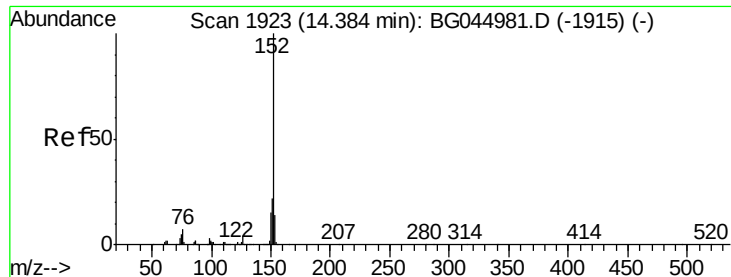
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.3	46.9
164	36.7	27.8	41.8



#48
2-Nitroaniline
Concen: 58.976 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	58.3	87.5
138	106.3	85.6	128.4





#49

Acenaphthylene

Concen: 57.036 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

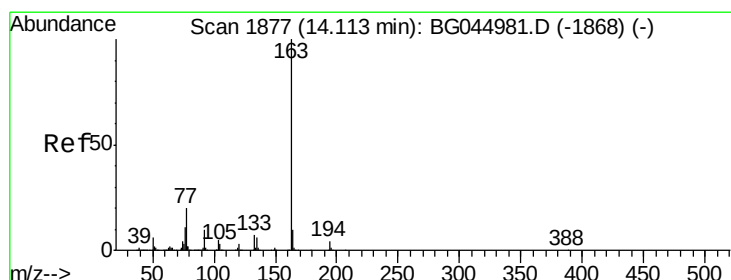
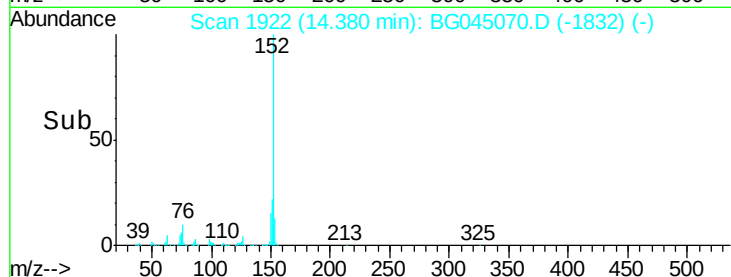
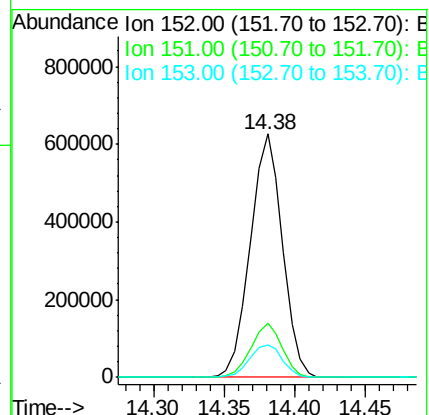
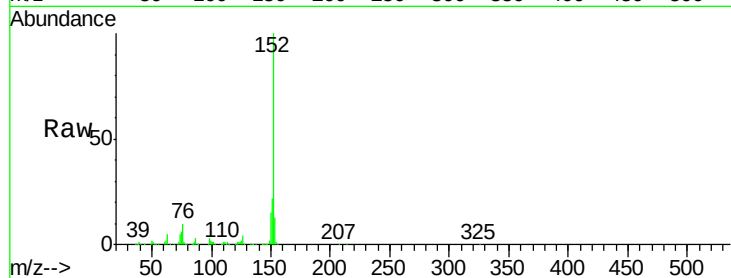
Tot Ion:152 Resp: 999802

Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

153 13.4 11.0 16.4



#50

Dimethylphthalate

Concen: 61.835 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

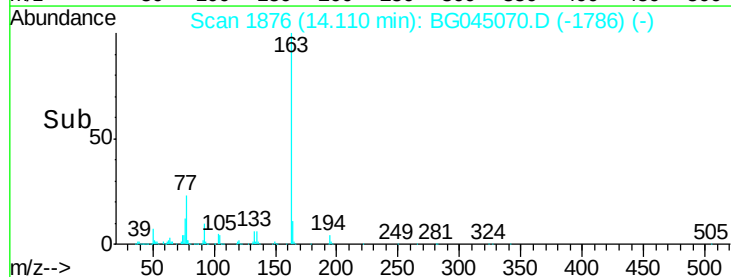
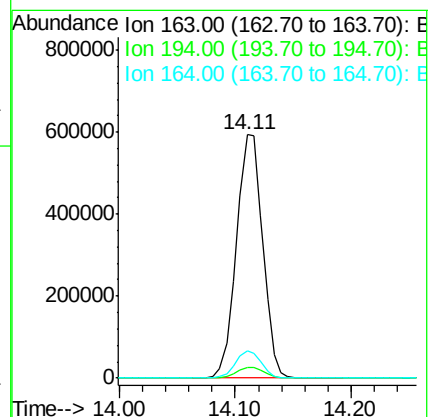
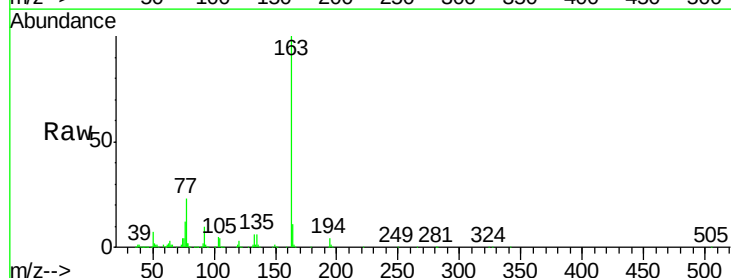
Tgt Ion:163 Resp: 932960

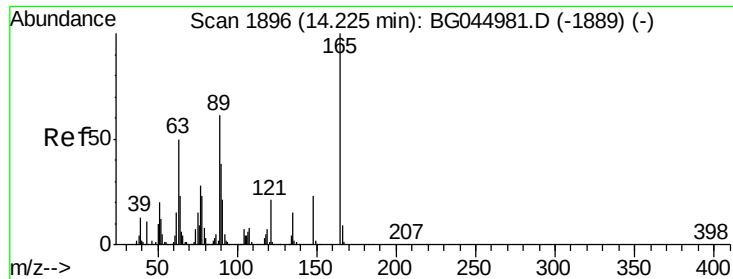
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 11.2 8.2 12.4

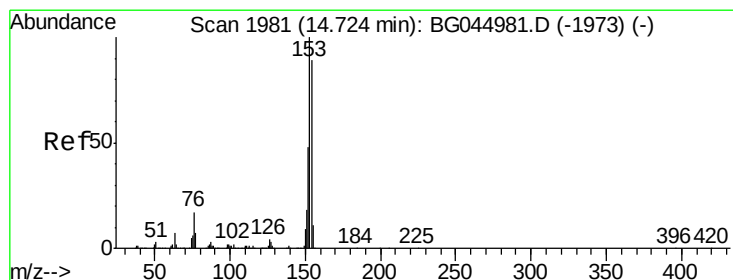
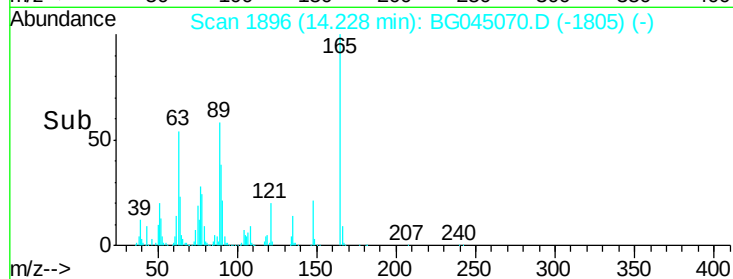
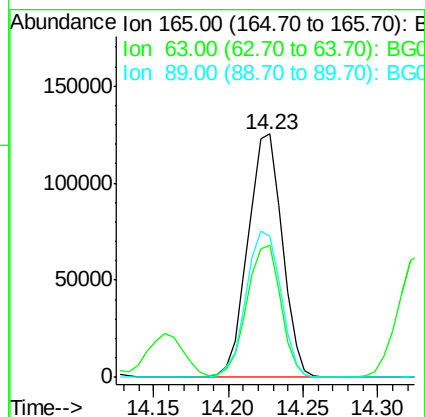
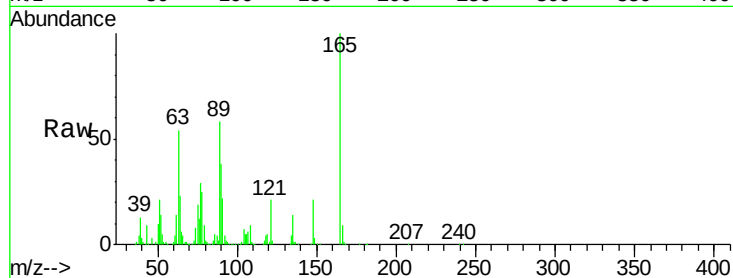




#51
 2,6-Dinitrotoluene
 Concen: 59.049 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.01 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

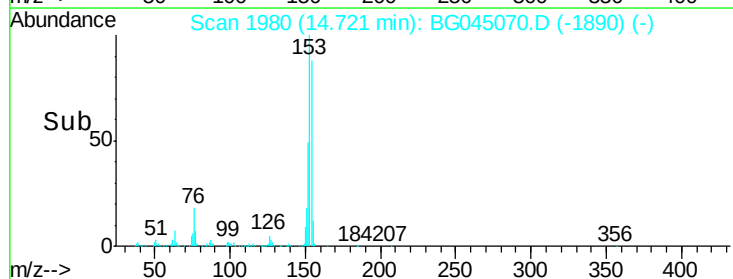
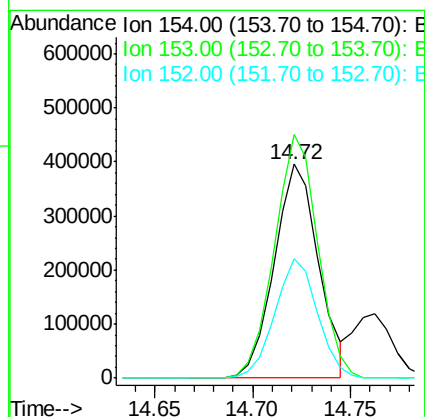
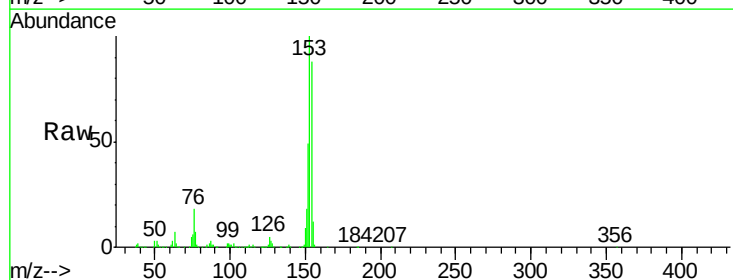
Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

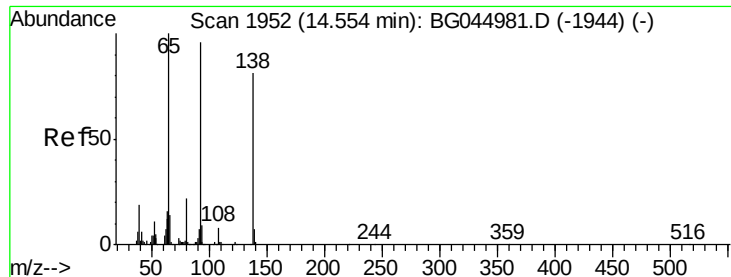
Tot Ion:165 Resp: 199275
 Ion Ratio Lower Upper
 165 100
 63 54.3 40.4 60.6
 89 58.0 49.1 73.7



#52
 Acenaphthene
 Concen: 52.345 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion:154 Resp: 620827
 Ion Ratio Lower Upper
 154 100
 153 113.9 89.7 134.5
 152 56.2 43.1 64.7

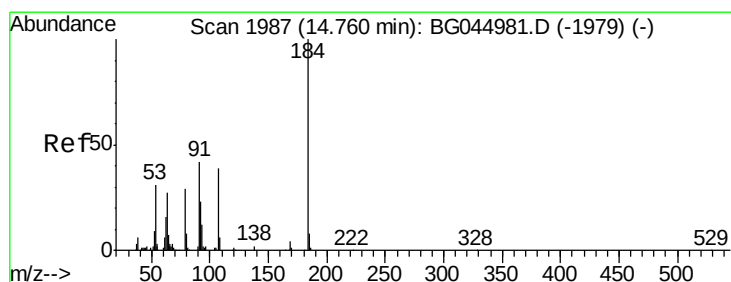
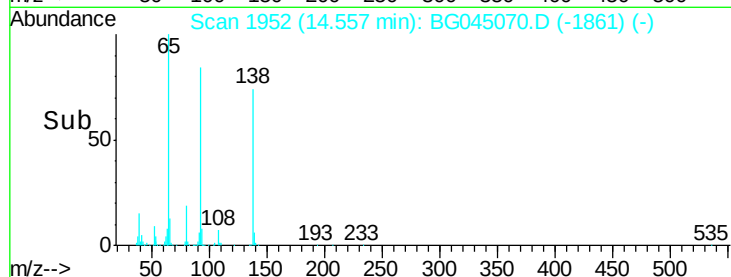
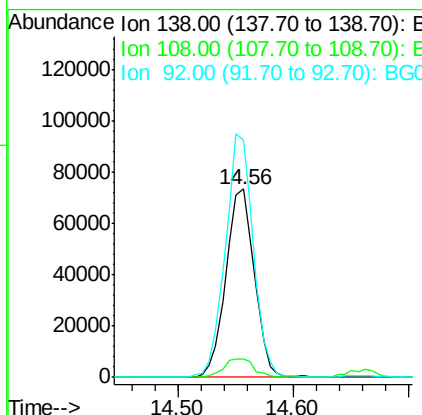
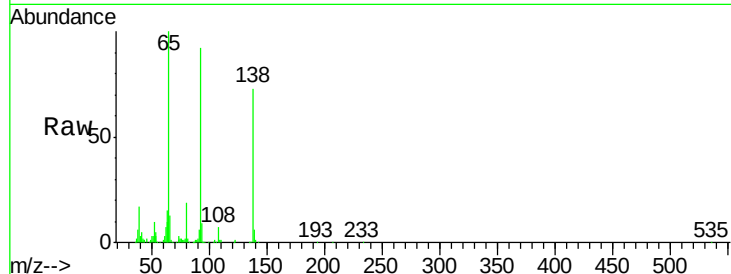




#53
3-Nitroaniline
Concen: 34.045 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

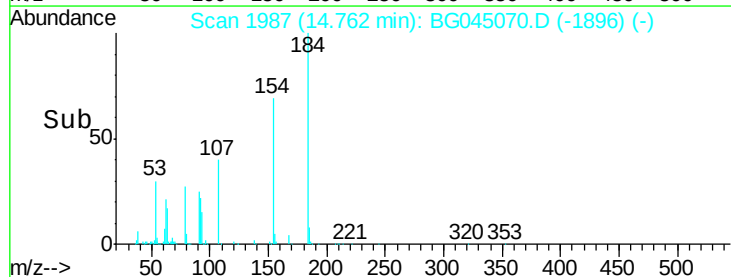
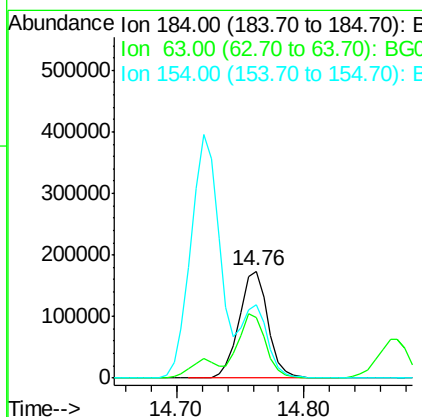
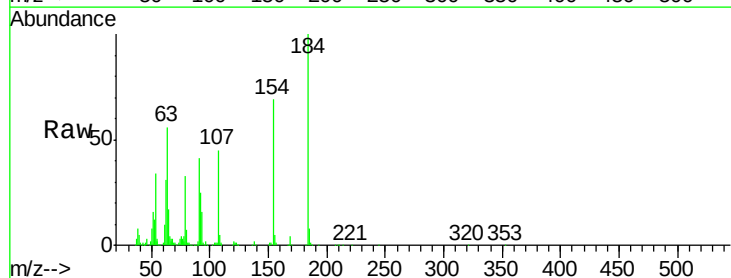
Instrument :
BNA_G
ClientSampleId :
PA-5MS

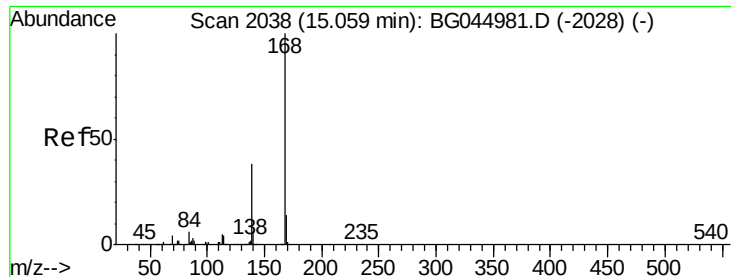
Tot Ion:138 Resp: 126010
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.8
92 126.3 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 136.708 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion:184 Resp: 274335
Ion Ratio Lower Upper
184 100
63 56.3 41.5 62.3
154 68.8 52.3 78.5

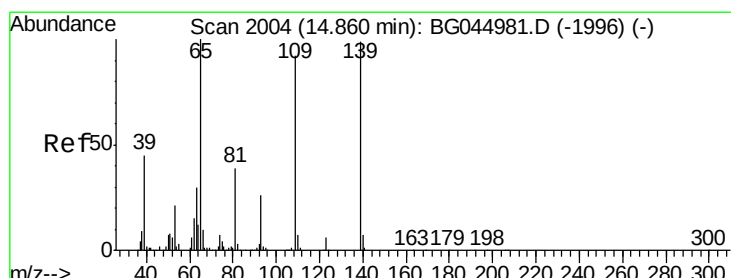
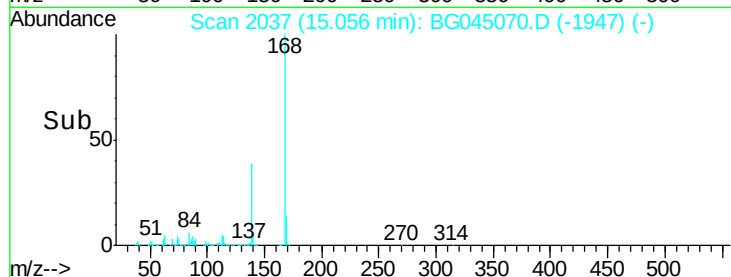
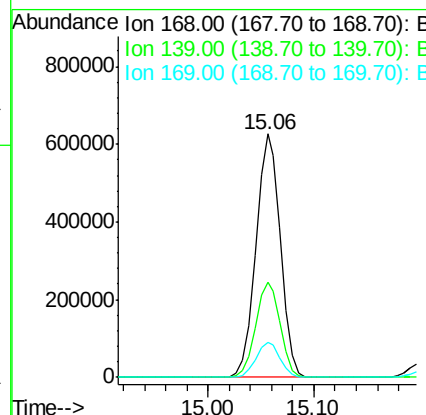
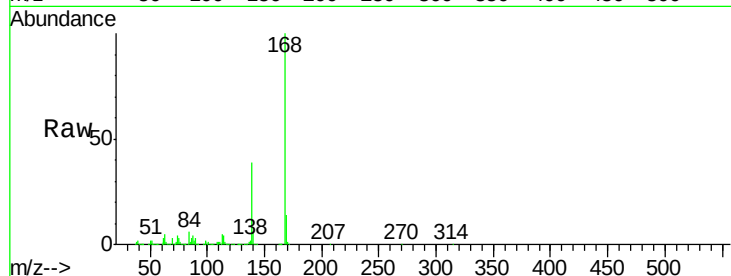




#55
Dibenzenofuran
Concen: 58.142 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

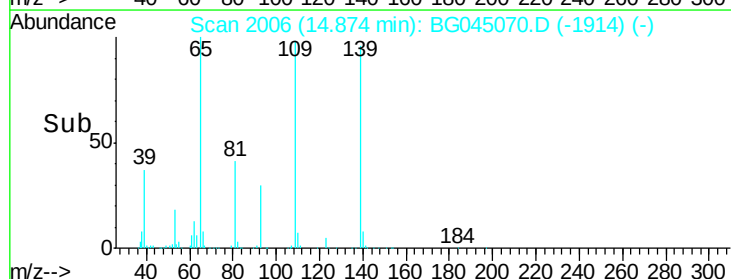
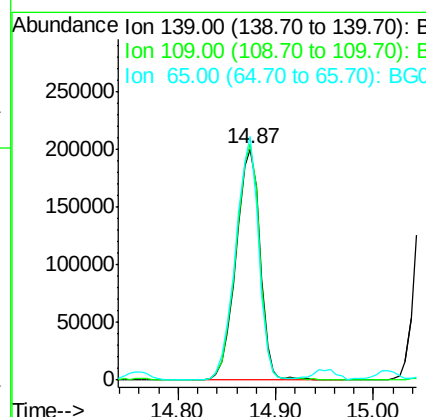
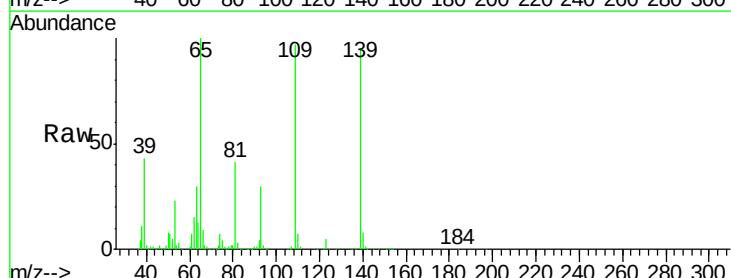
Instrument :
BNA_G
ClientSampleId :
PA-5MS

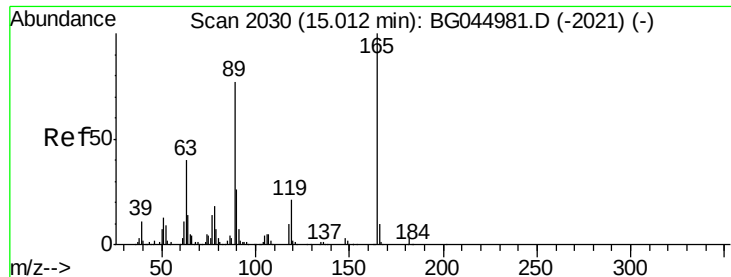
Tot Ion:168 Resp: 1005345
Ion Ratio Lower Upper
168 100
139 38.8 30.4 45.6
169 14.2 11.0 16.4



#56
4-Nitrophenol
Concen: 119.400 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion:139 Resp: 342662
Ion Ratio Lower Upper
139 100
109 102.1 73.6 113.6
65 105.3 81.2 121.2

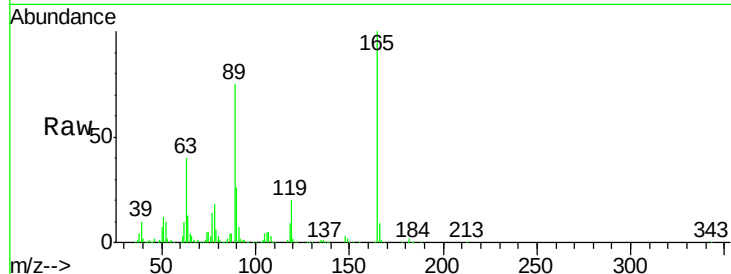




#57
2,4-Dinitrotoluene
Concen: 59.299 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.3	32.2	48.2
89	75.0	61.7	92.5
182	2.4	2.0	3.0



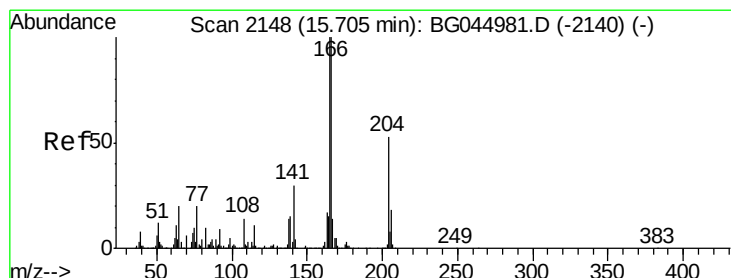
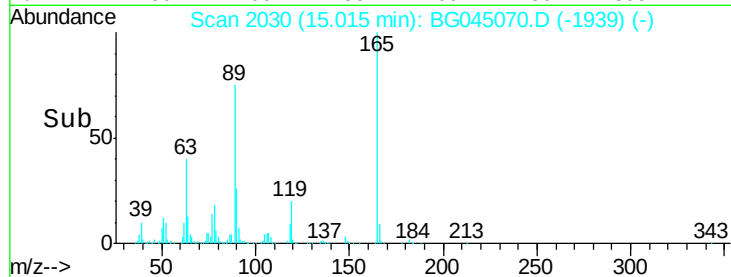
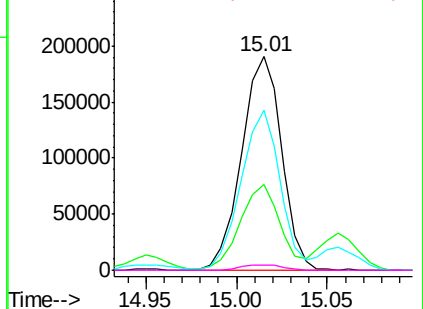
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

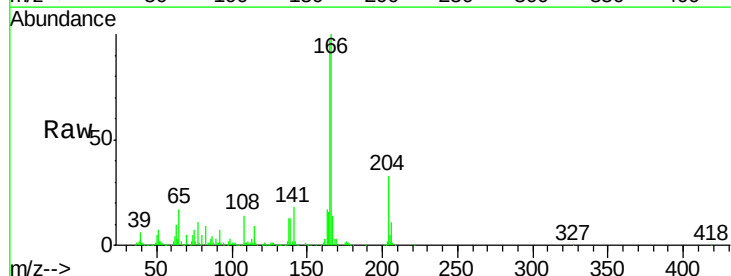
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 59.201 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.9	119.9
167	14.1	11.4	17.0

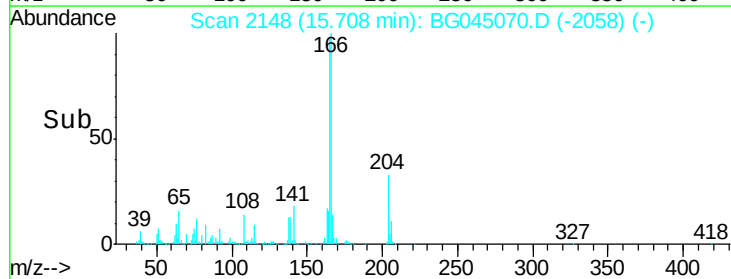
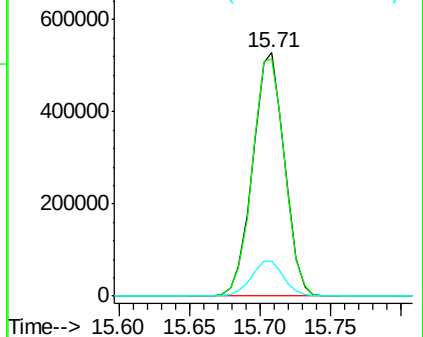


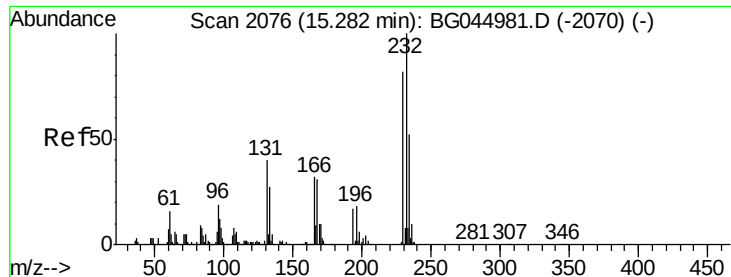
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 66.033 ng

RT: 15.29 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

Tot Ion:232 Resp: 281606

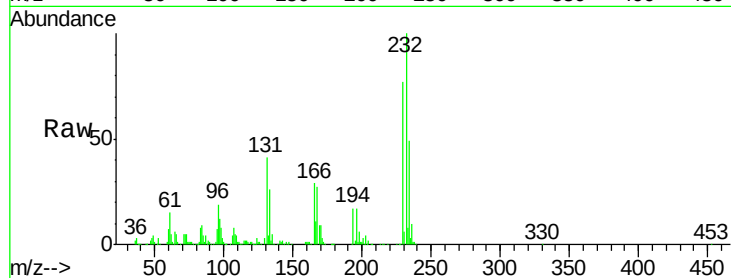
Ion Ratio Lower Upper

232 100

131 41.2 32.2 48.2

130 2.6 2.2 3.2

166 29.4 24.2 36.4

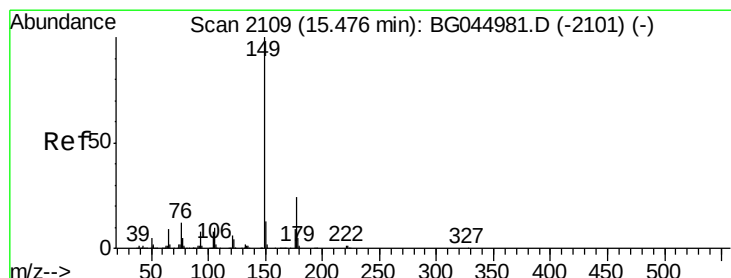
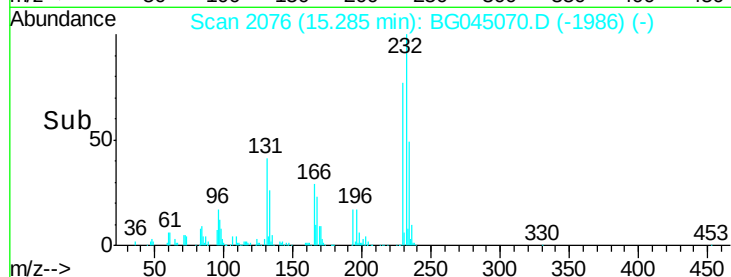
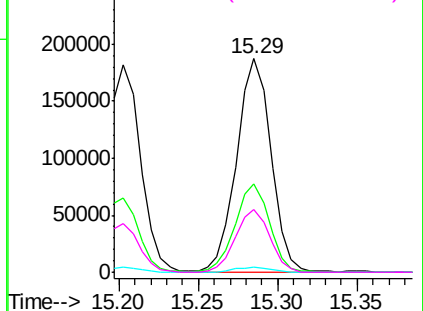


Abundance Ion 232.00 (231.70 to 232.70): E

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: 56.958 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

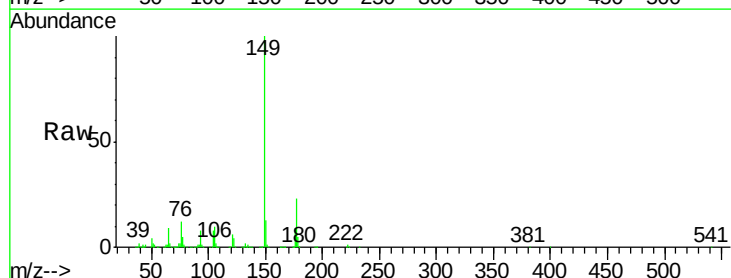
Tgt Ion:149 Resp: 895992

Ion Ratio Lower Upper

149 100

177 23.1 18.9 28.3

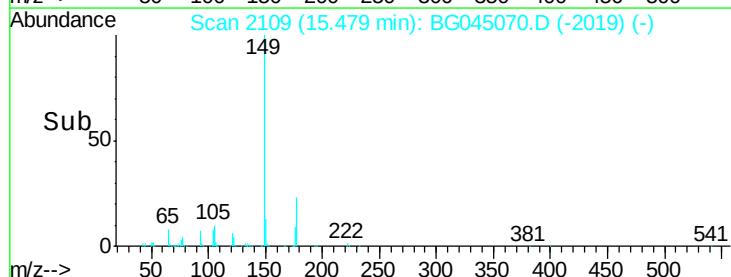
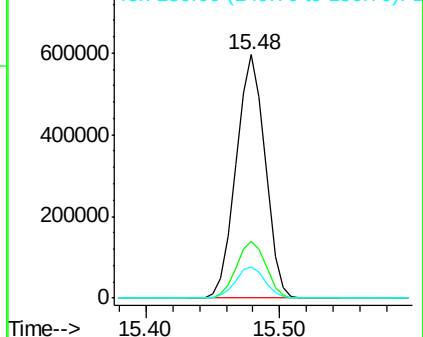
150 12.8 10.6 15.8

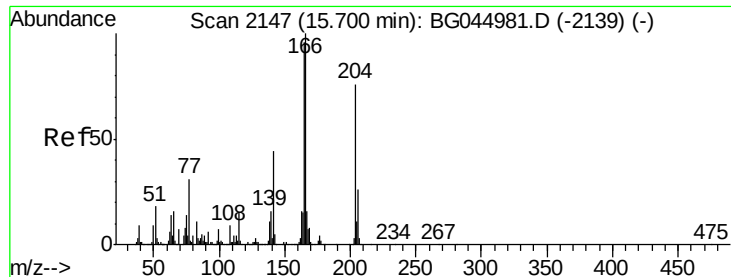


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 56.984 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

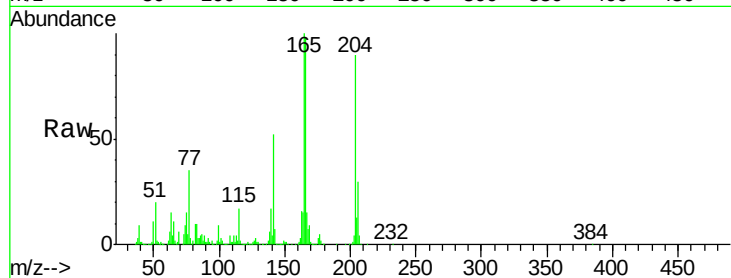
Tot Ion:204 Resp: 463250

Ion Ratio Lower Upper

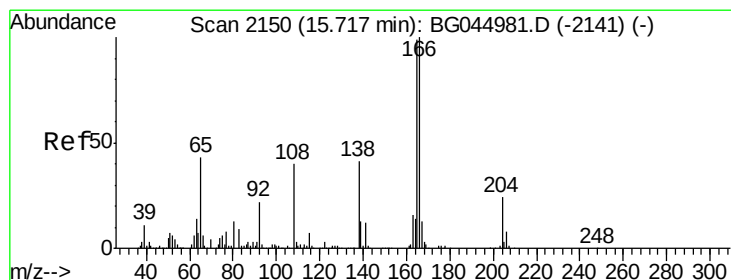
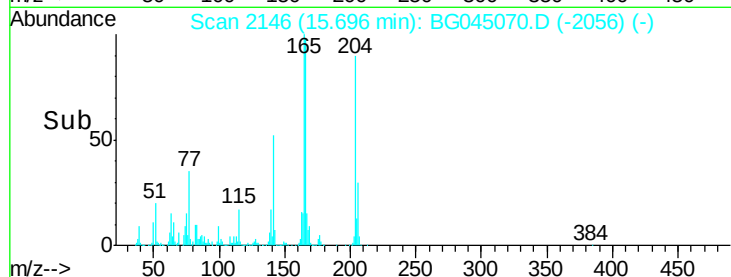
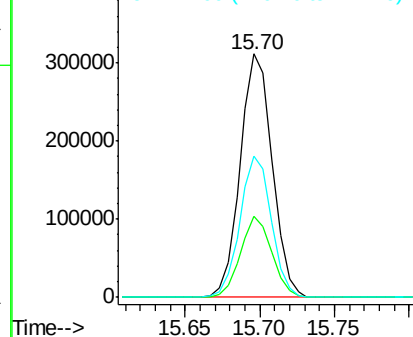
204 100

206 33.1 26.9 40.3

141 57.9 46.3 69.5



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



#62

4-Nitroaniline

Concen: 55.688 ng

RT: 15.72 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

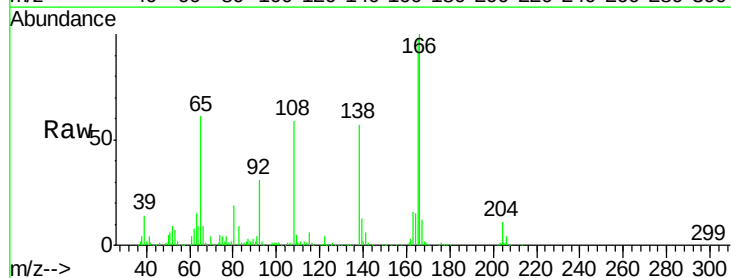
Tgt Ion:138 Resp: 213786

Ion Ratio Lower Upper

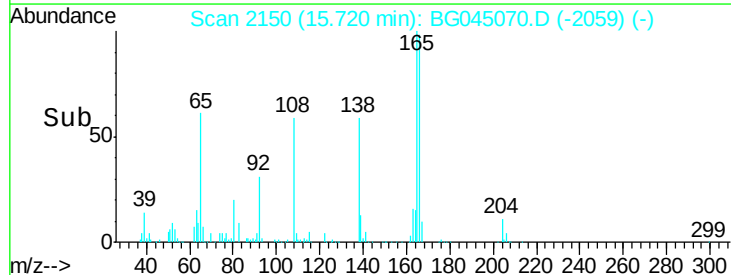
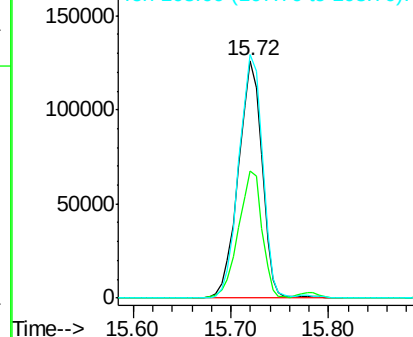
138 100

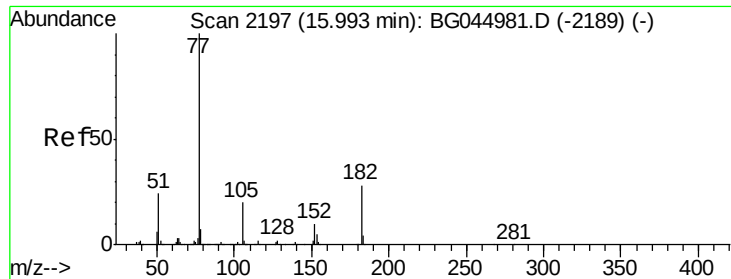
92 53.6 33.6 73.6

108 102.4 78.2 118.2



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

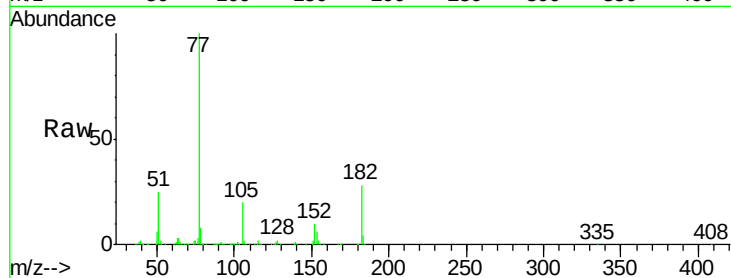




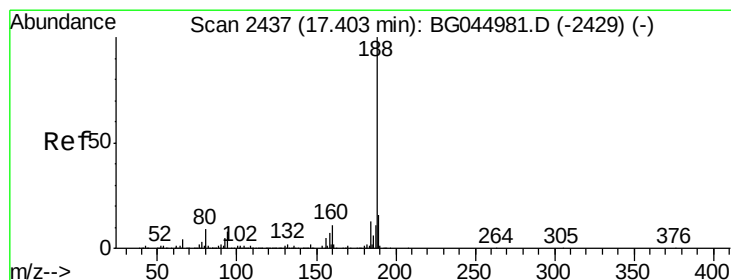
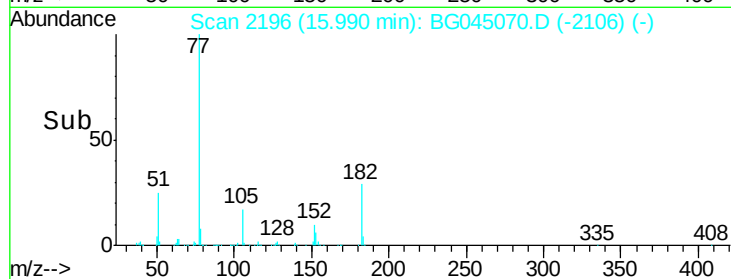
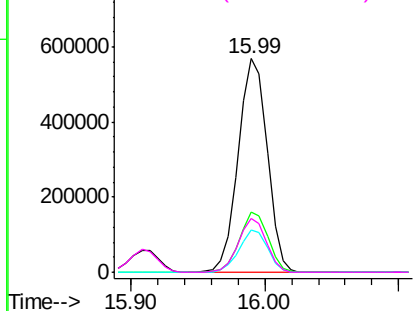
#63
Azobenzene
Concen: 58.783 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion:	77	Resp:	852540
Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.4	48.4
105	19.8	0.5	40.5
51	25.0	4.4	44.4

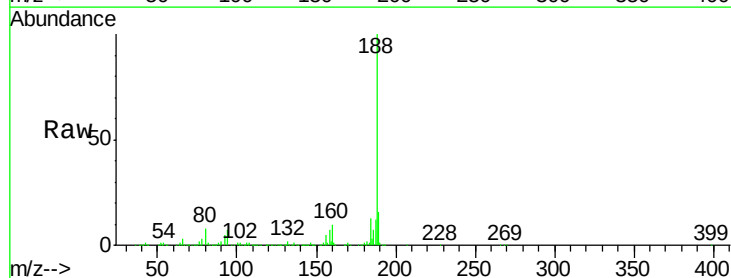


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

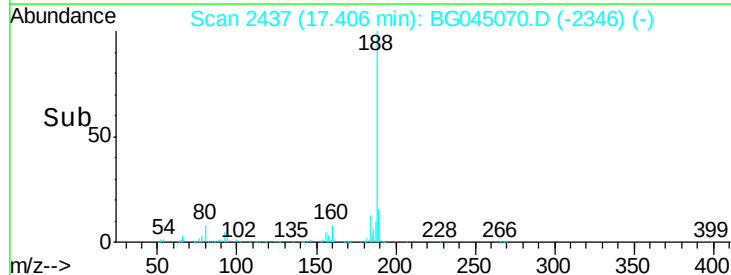
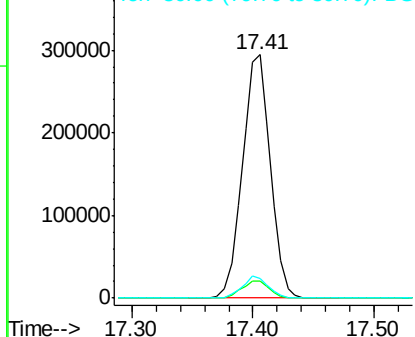


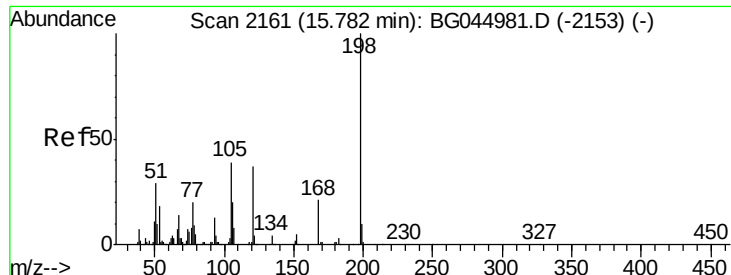
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion:	188	Resp:	472144
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.0	7.0	10.6



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

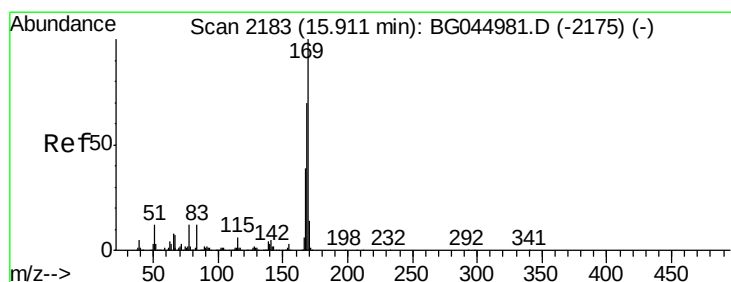
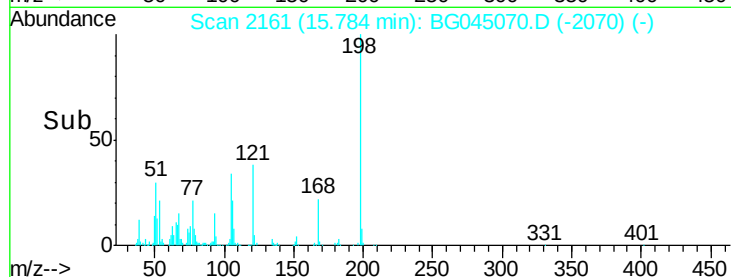
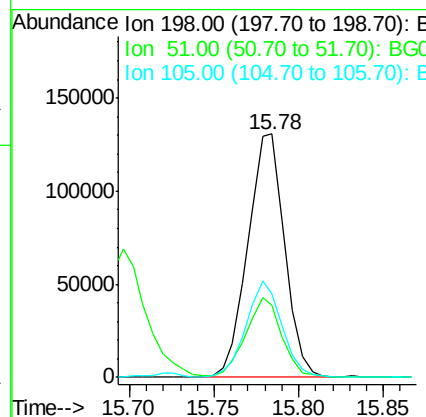
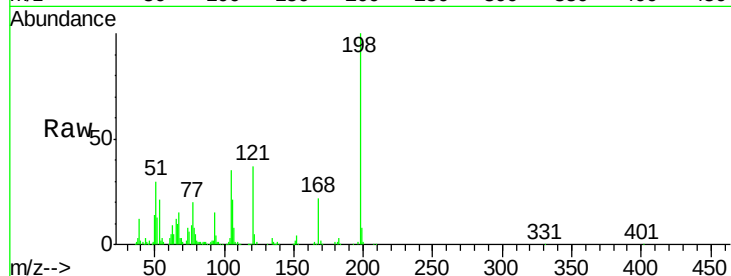




#65
4,6-Dinitro-2-methylphenol
Concen: 63.850 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

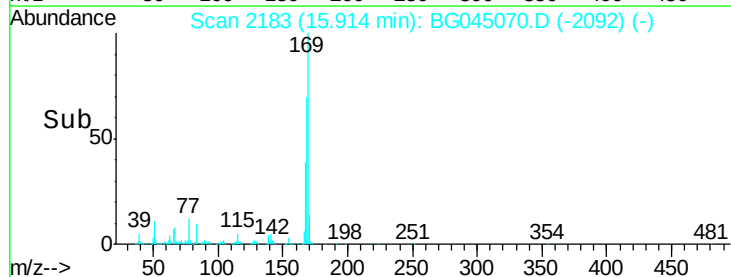
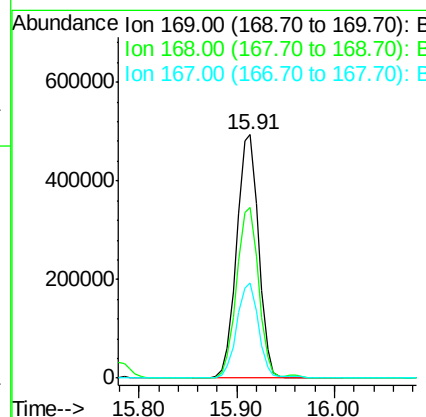
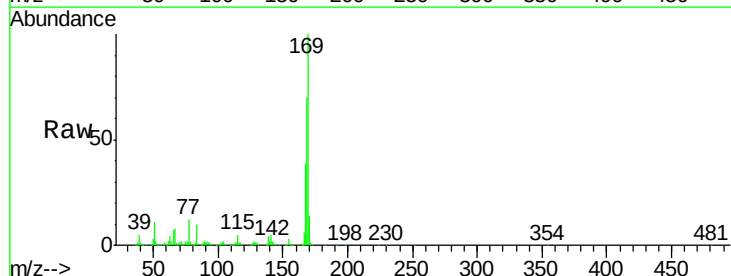
Instrument :
BNA_G
ClientSampleId :
PA-5MS

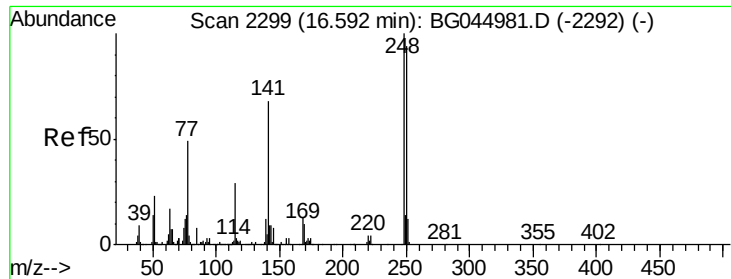
Tot Ion	Ratio	Lower	Upper
198	100		
51	29.8	10.0	50.0
105	34.6	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 56.477 ng
RT: 15.91 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	55.8	83.8
167	39.1	30.8	46.2

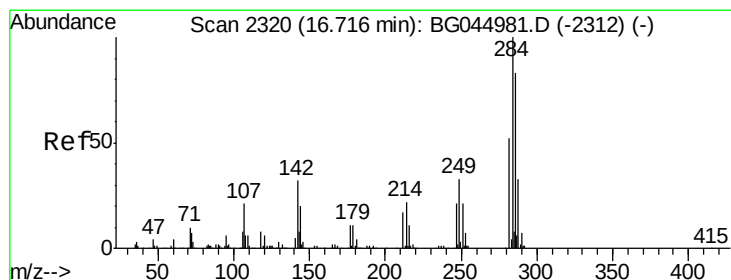
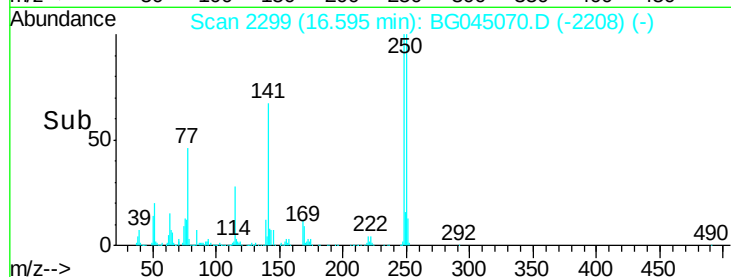
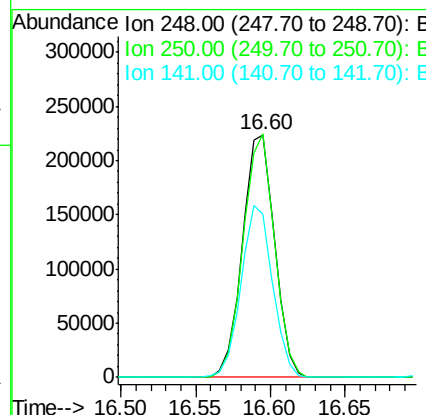
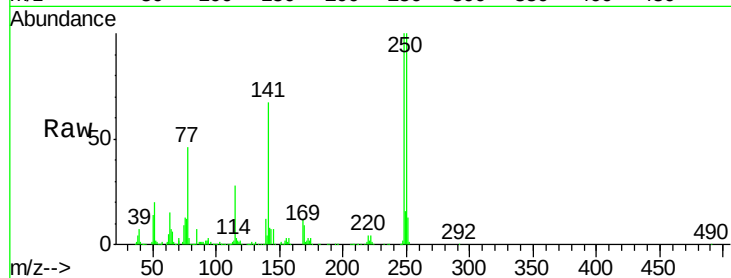




#67
4-Bromophenyl-phenylether
Concen: 54.680 ng
RT: 16.60 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

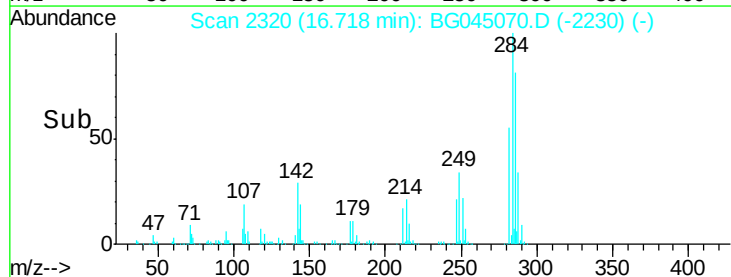
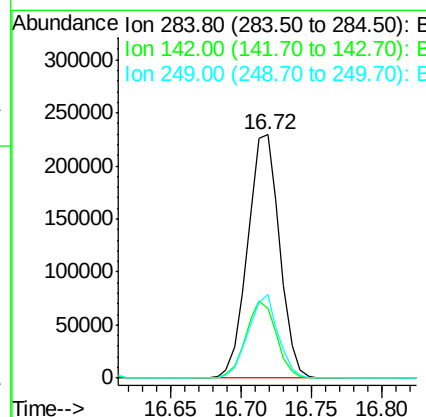
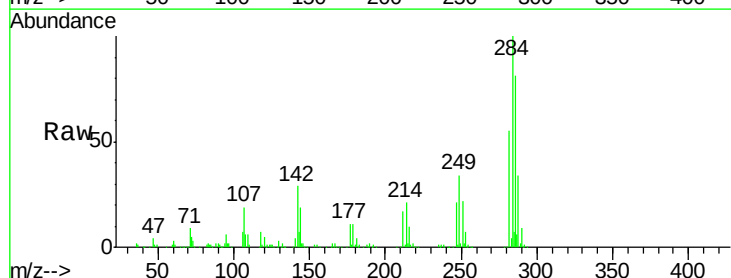
Instrument :
BNA_G
ClientSampleId :
PA-5MS

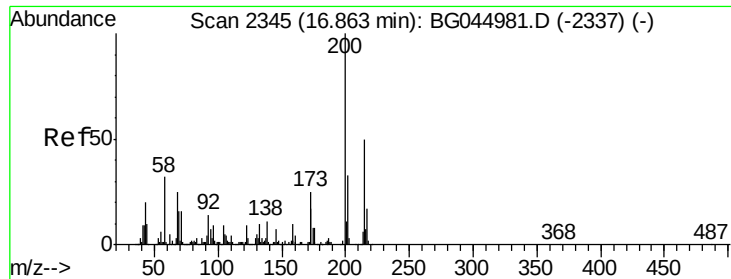
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	75.4	113.2
141	67.0	54.4	81.6



#68
Hexachlorobenzene
Concen: 57.439 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.8	38.6
249	34.3	26.6	39.8





#69

Atrazine

Concen: 68.791 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

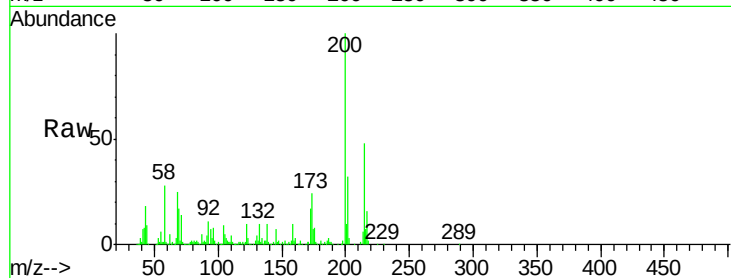
Tot Ion:200 Resp: 327868

Ion Ratio Lower Upper

200 100

173 23.7 4.5 44.5

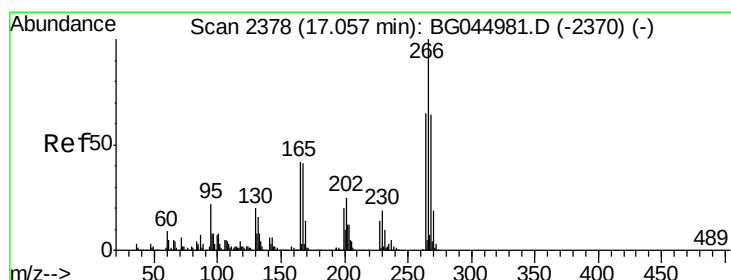
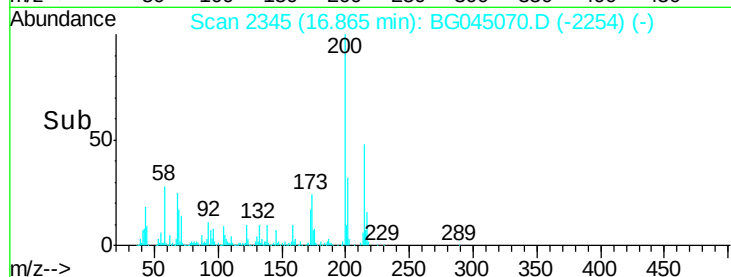
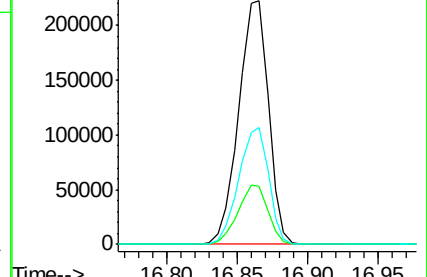
215 48.3 30.0 70.0



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: 119.523 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

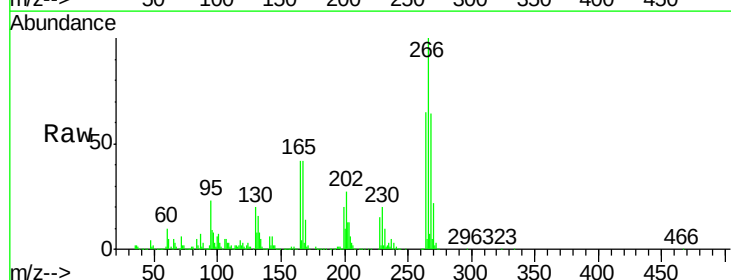
Tgt Ion:266 Resp: 463191

Ion Ratio Lower Upper

266 100

268 64.3 51.5 77.3

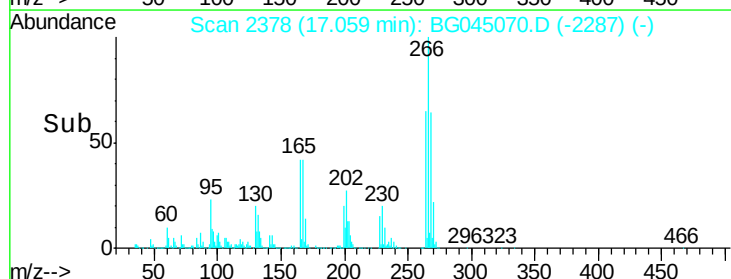
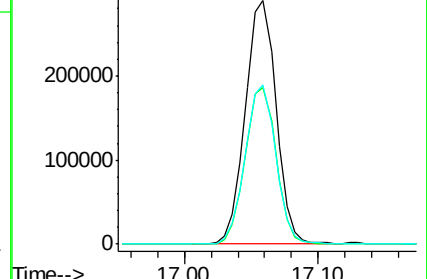
264 65.3 52.2 78.4

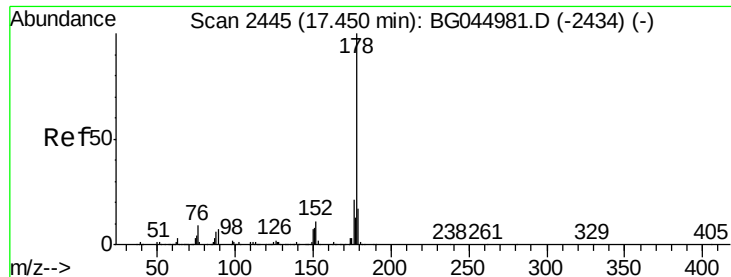


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 56.881 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

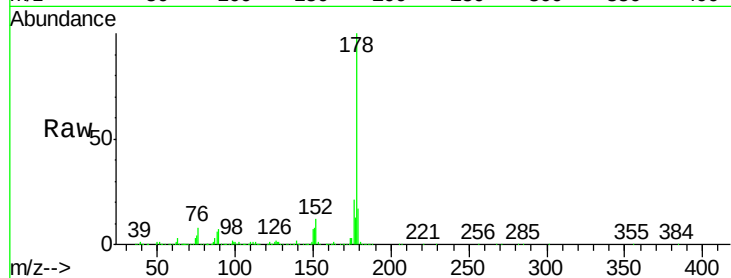
BNA_G

ClientSampleId :

PA-5MS

Tot Ion:178 Resp: 1380060

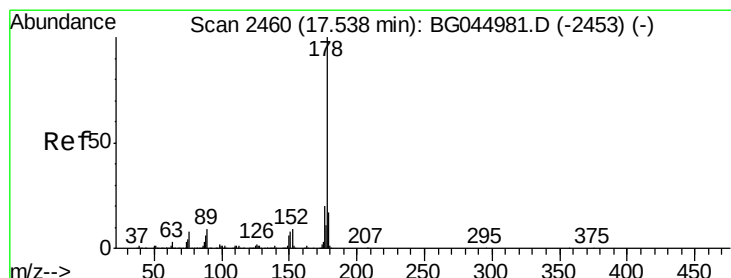
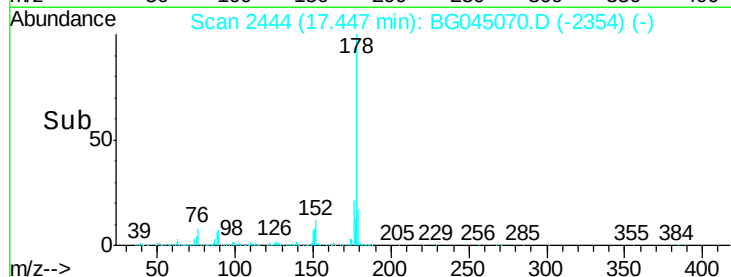
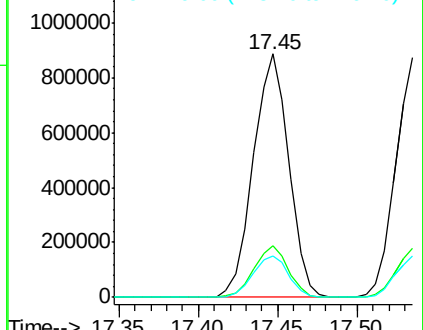
Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.8	25.2
179	17.2	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 57.673 ng

RT: 17.53 min Scan# 2459

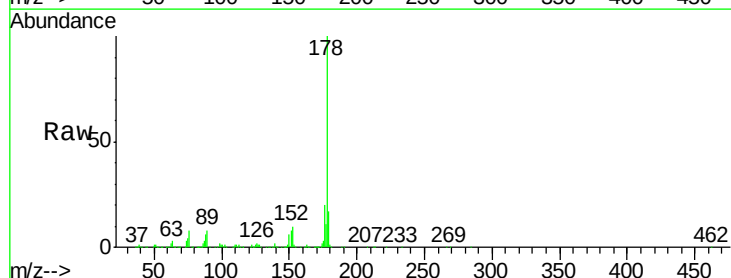
Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:178 Resp: 1403616

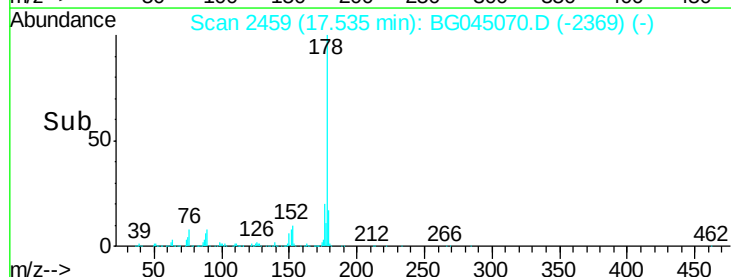
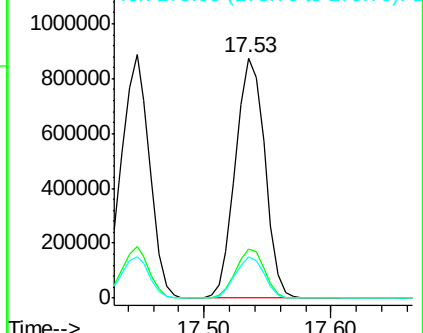
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	17.2	13.6	20.4

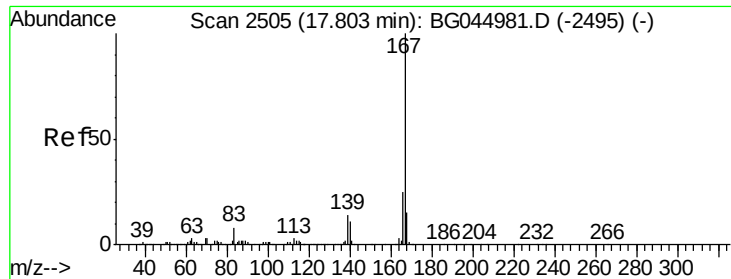


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



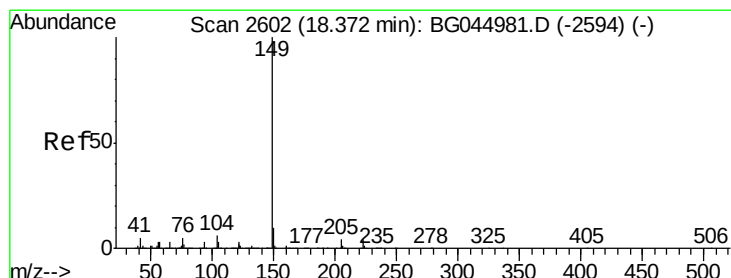
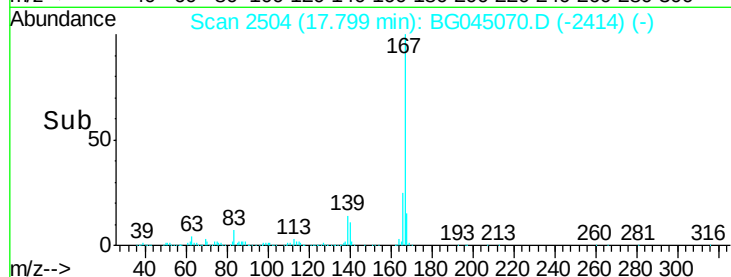
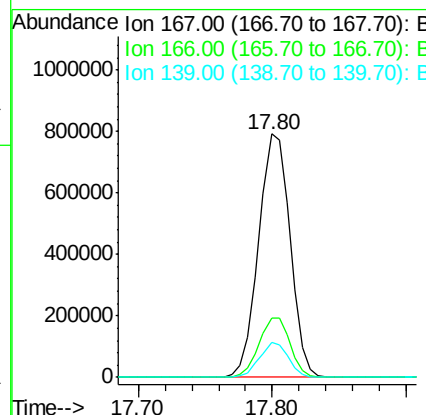
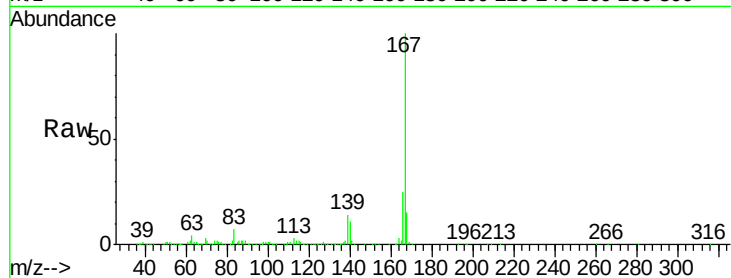


#73
 Carbazole
 Concen: 52.083 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

Tot Ion:167 Resp: 1286333

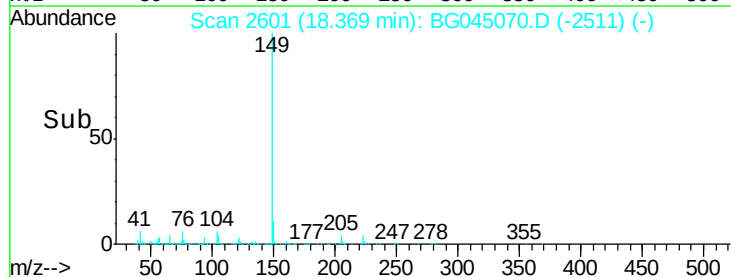
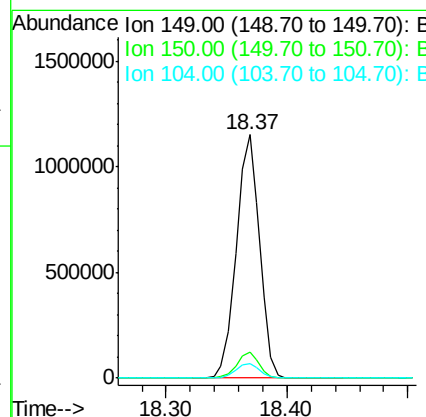
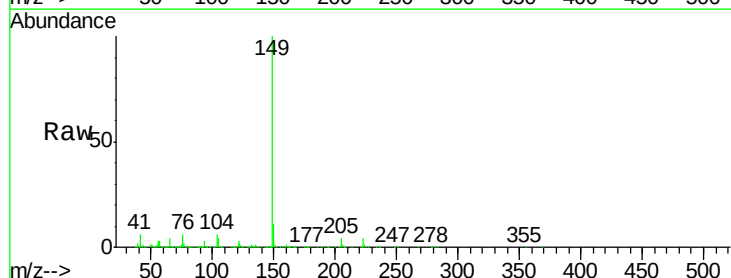
Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.8	29.6
139	14.2	10.9	16.3

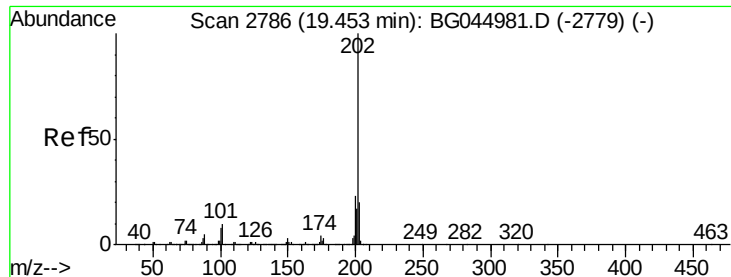


#74
 Di-n-butylphthalate
 Concen: 58.827 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion:149 Resp: 1531415

Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	6.2	4.8	7.2





#75

Fluoranthene

Concen: 61.171 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

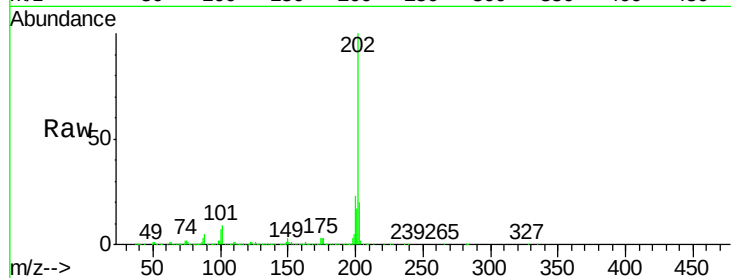
Tot Ion:202 Resp: 1681219

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.6

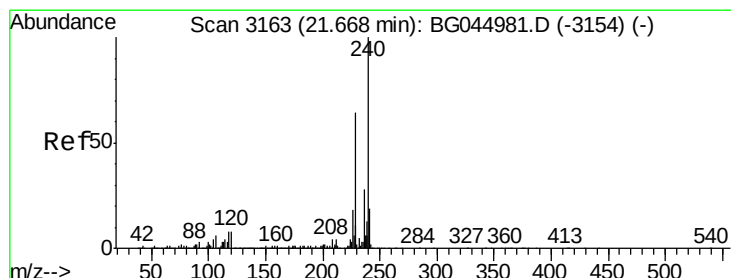
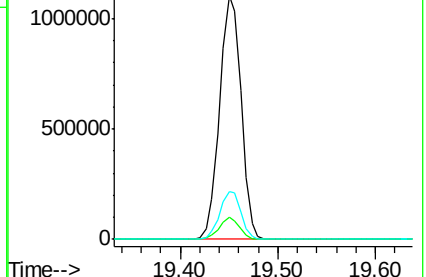
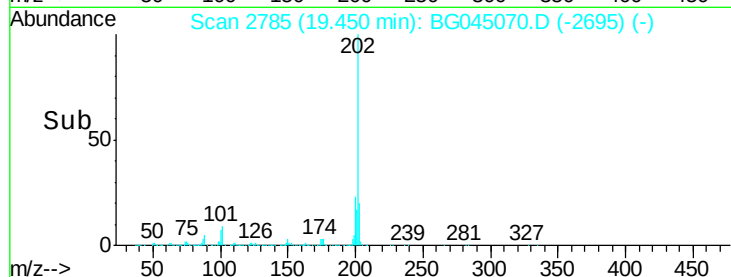
203 19.9 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

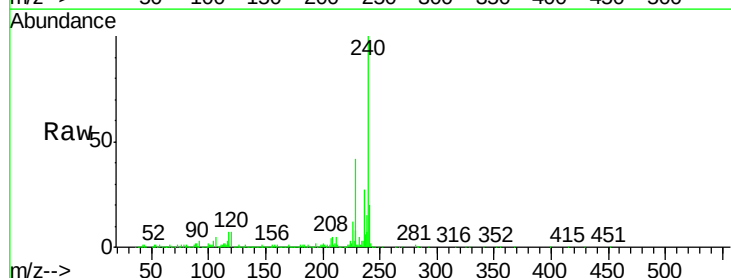
Tgt Ion:240 Resp: 432628

Ion Ratio Lower Upper

240 100

120 6.7 6.6 10.0

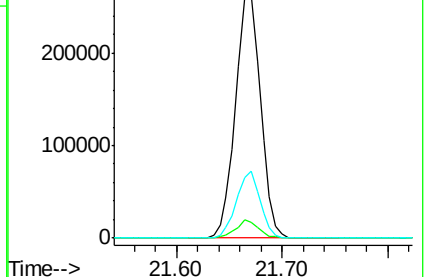
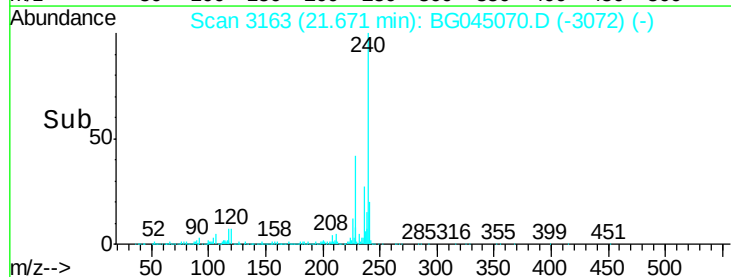
236 27.4 22.2 33.2

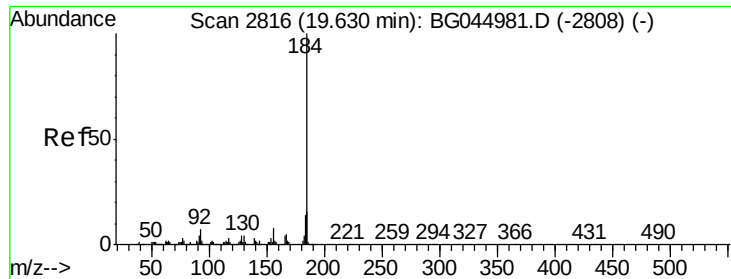


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.664 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

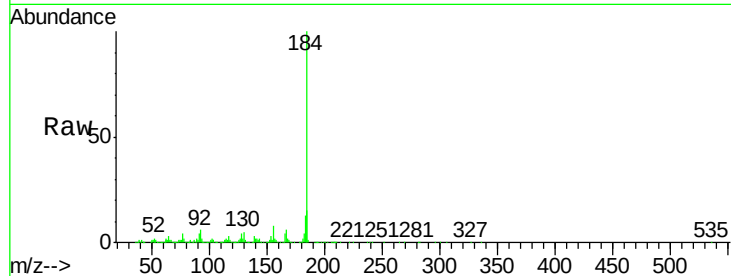
Tot Ion:184 Resp: 745051

Ion Ratio Lower Upper

184 100

185 15.0 12.6 19.0

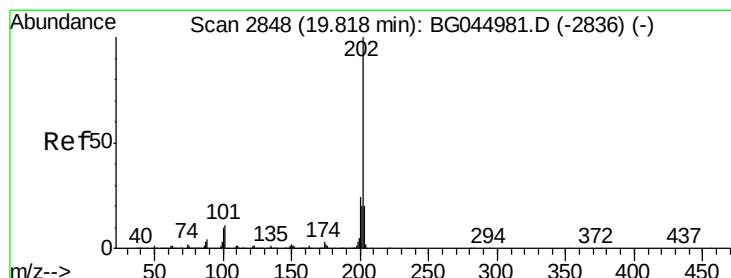
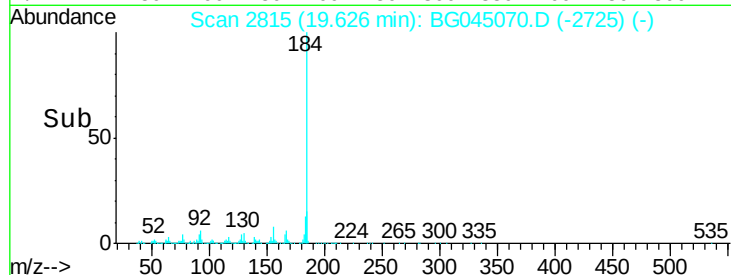
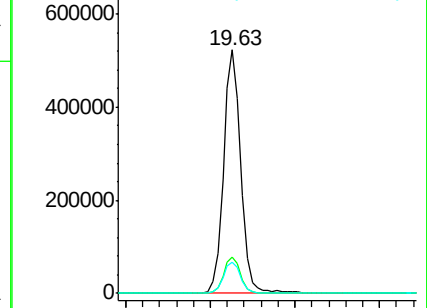
183 12.8 11.3 16.9



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: 54.825 ng

RT: 19.81 min Scan# 2847

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

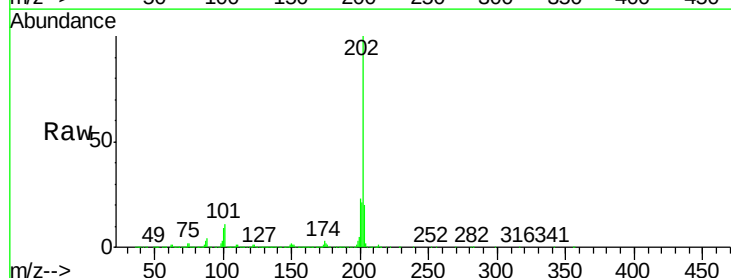
Tgt Ion:202 Resp: 1635194

Ion Ratio Lower Upper

202 100

200 23.5 19.0 28.6

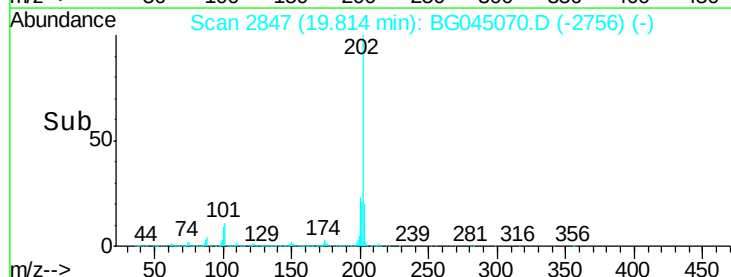
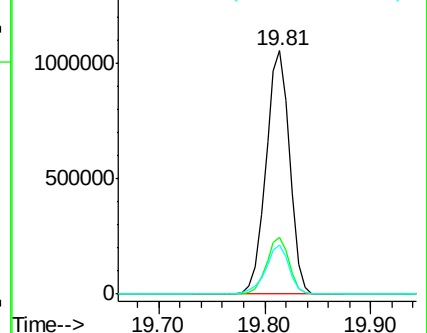
203 20.3 16.1 24.1

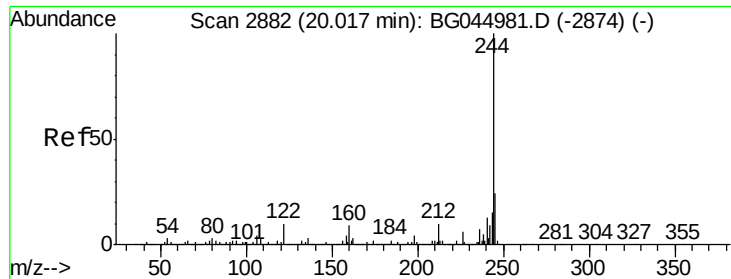


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.316 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

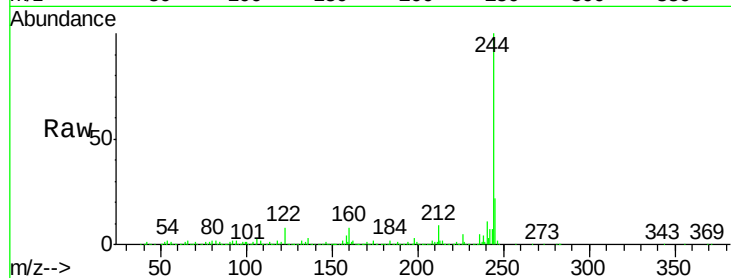
Tot Ion:244 Resp: 1375869

Ion Ratio Lower Upper

244 100

212 8.5 7.9 11.9

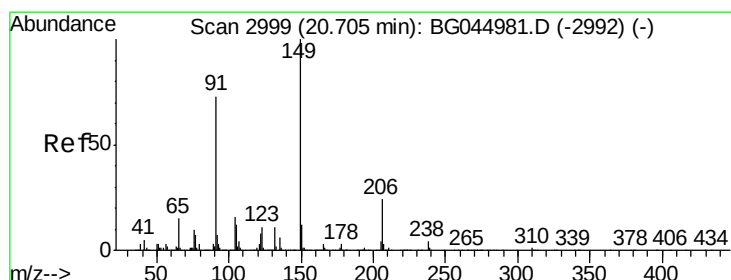
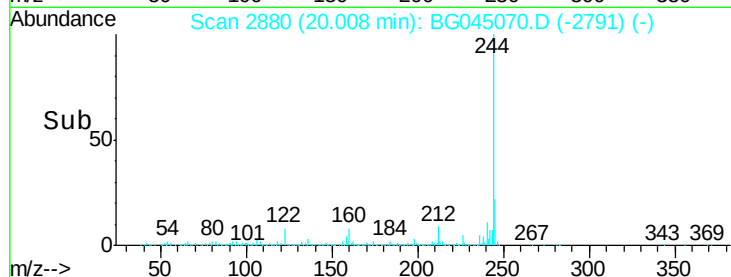
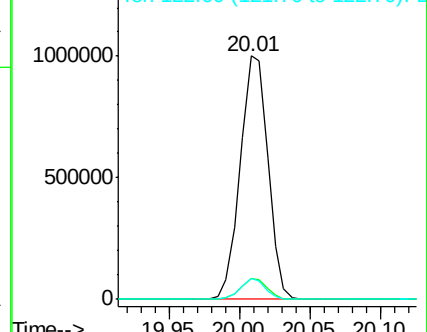
122 8.5 7.7 11.5



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: 56.245 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

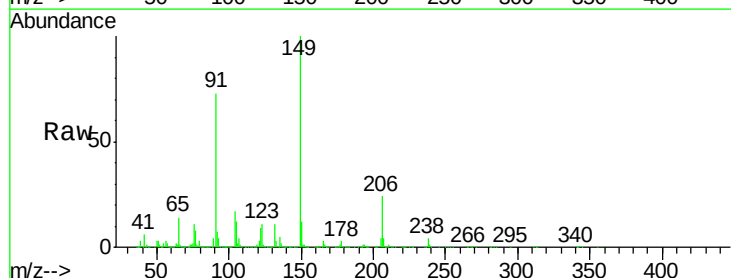
Tgt Ion:149 Resp: 695358

Ion Ratio Lower Upper

149 100

91 73.0 58.5 87.7

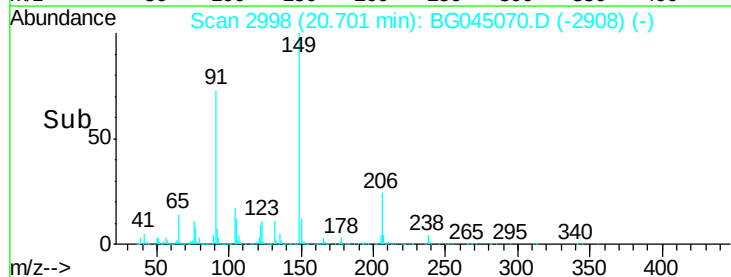
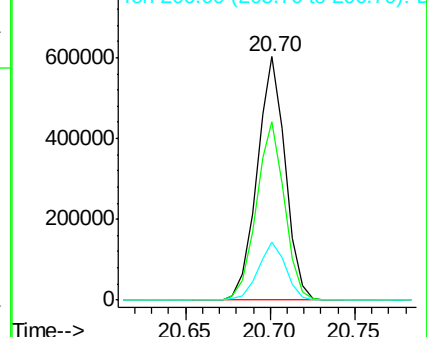
206 23.6 19.2 28.8

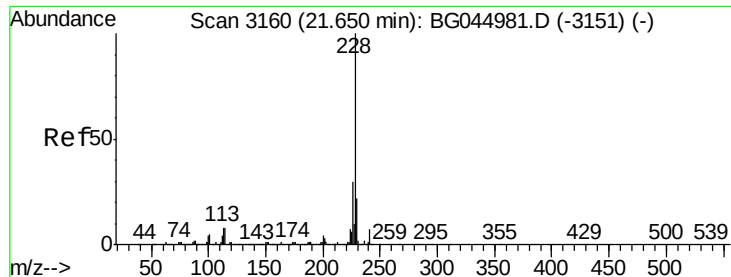


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.605 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

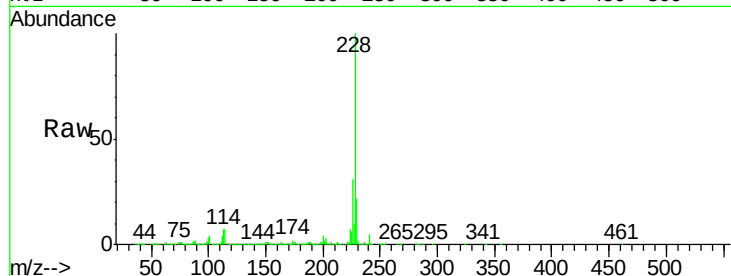
Tot Ion:228 Resp: 1587234

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

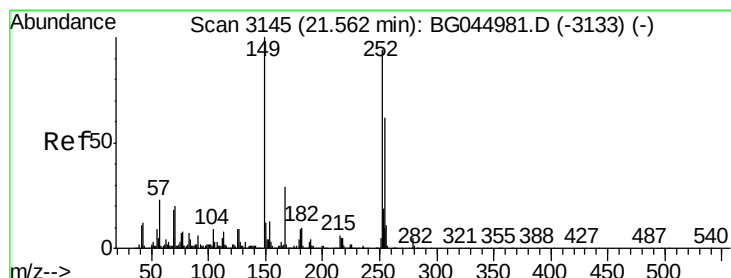
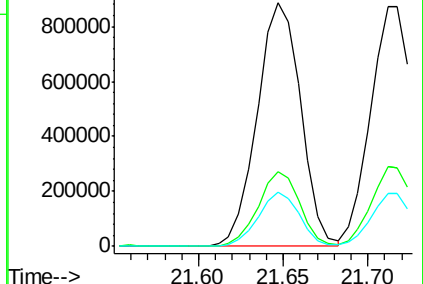
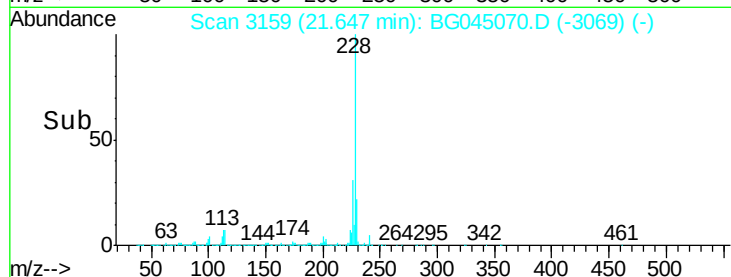
229 22.2 17.5 26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.847 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

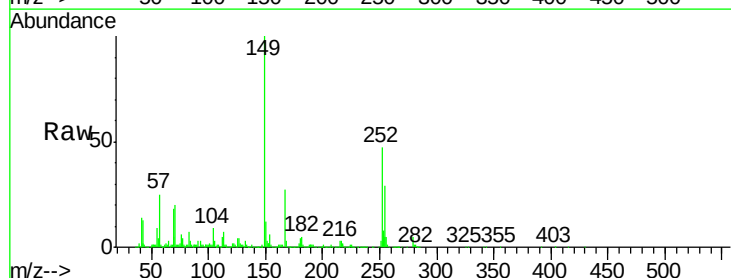
Tgt Ion:252 Resp: 377762

Ion Ratio Lower Upper

252 100

254 61.5 52.6 79.0

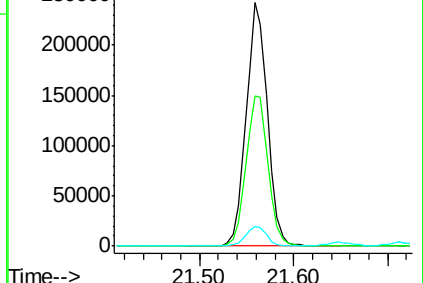
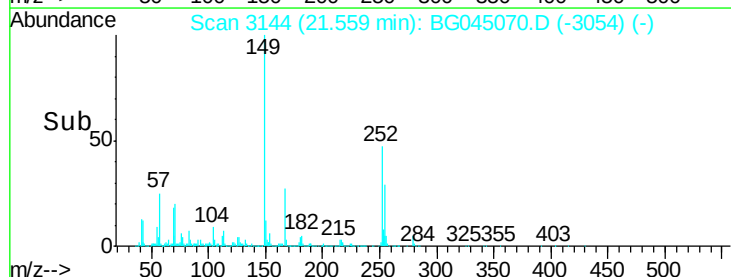
126 7.9 7.5 11.3

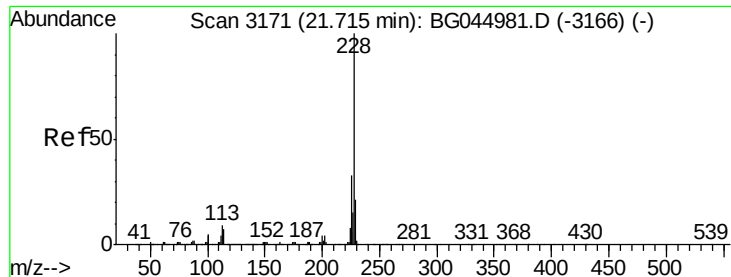


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 56.495 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

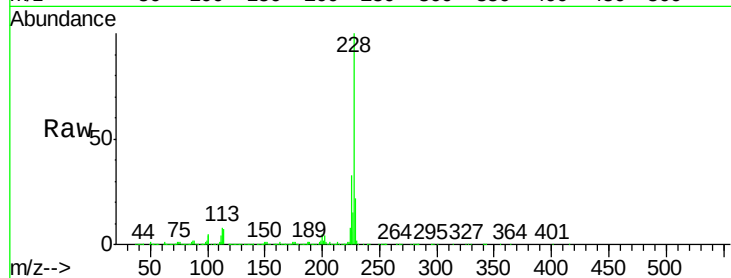
BNA_G

ClientSampled :

PA-5MS

Tot Ion:228 Resp: 1522077

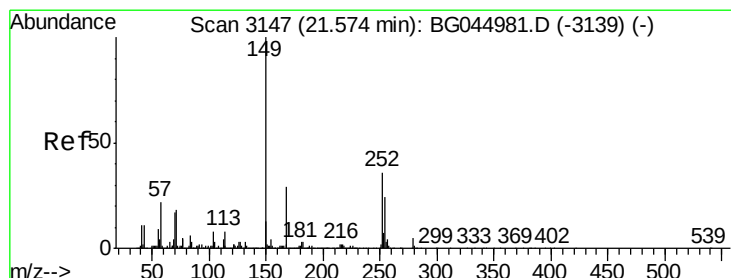
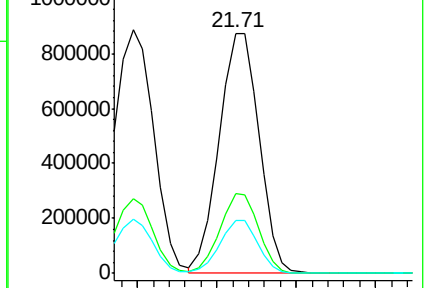
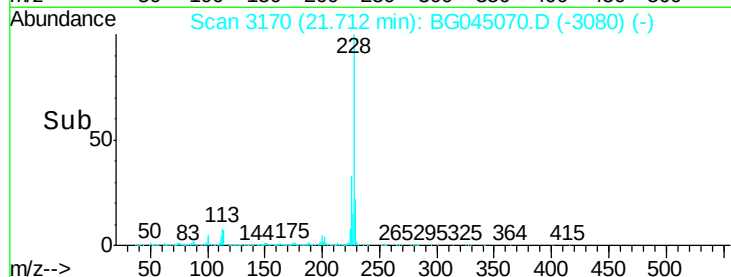
Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.2	39.4
229	22.1	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.604 ng

RT: 21.56 min Scan# 3145

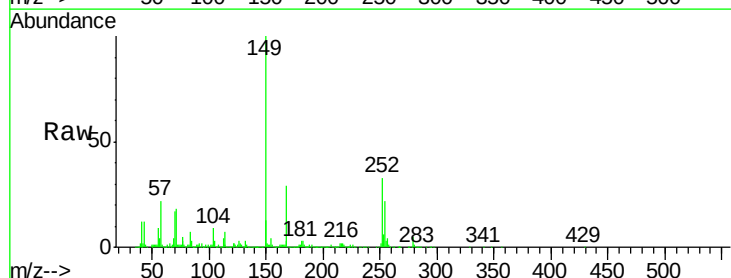
Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:149 Resp: 945460

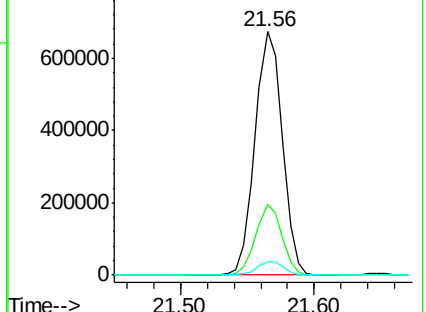
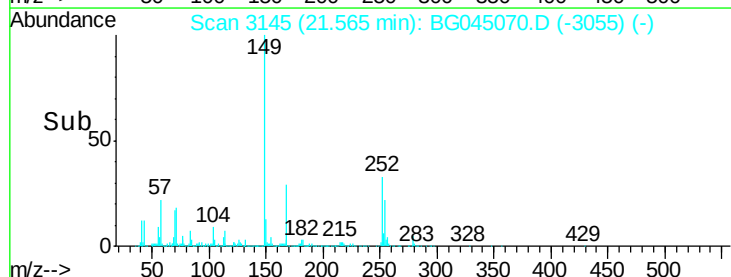
Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.3	4.3	6.5

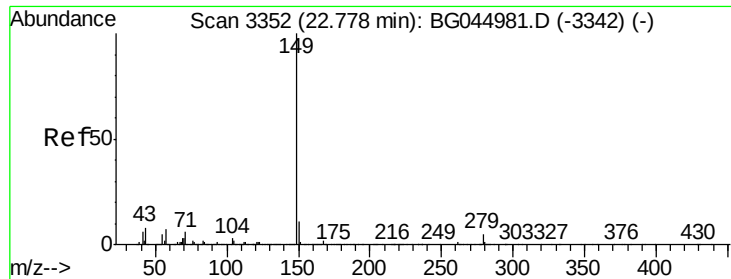


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.303 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

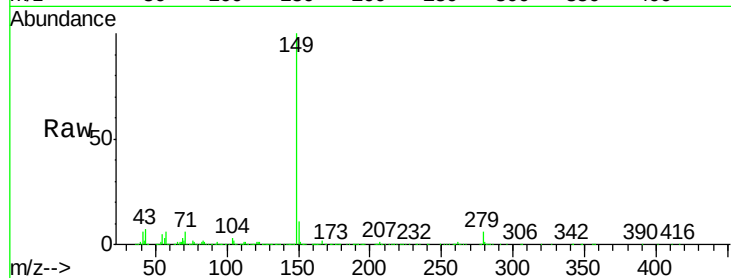
Tot Ion:149 Resp: 1626093

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 7.2 5.7 8.5

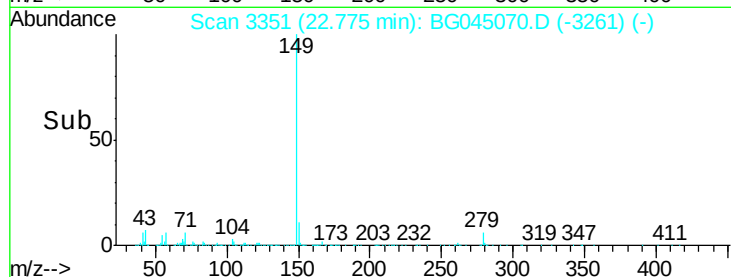


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

Time-->



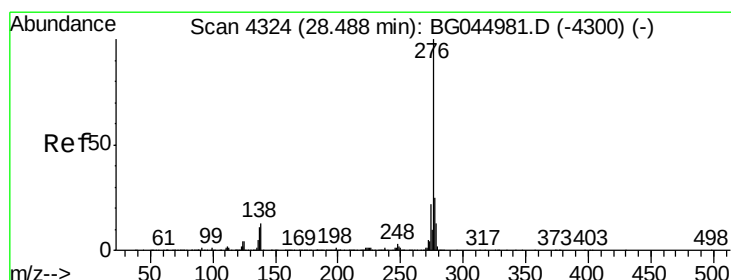
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.852 ng

RT: 28.48 min Scan# 4323

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

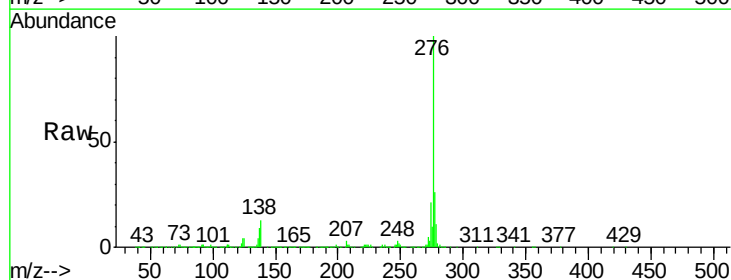
Tgt Ion:276 Resp: 2069363

Ion Ratio Lower Upper

276 100

138 8.7 9.6 14.4#

277 25.8 20.6 31.0

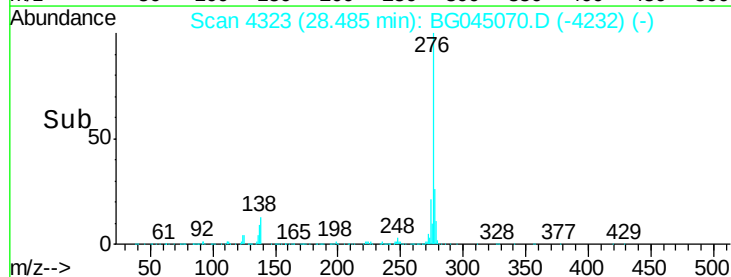


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



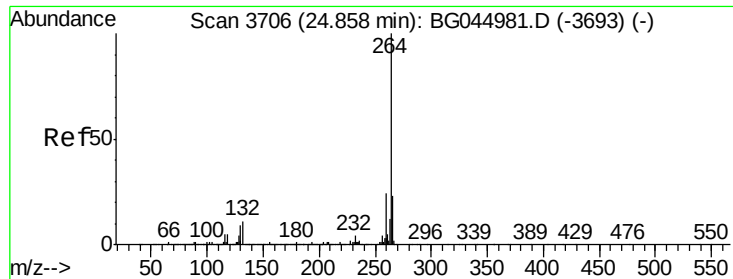
Abundance

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

Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

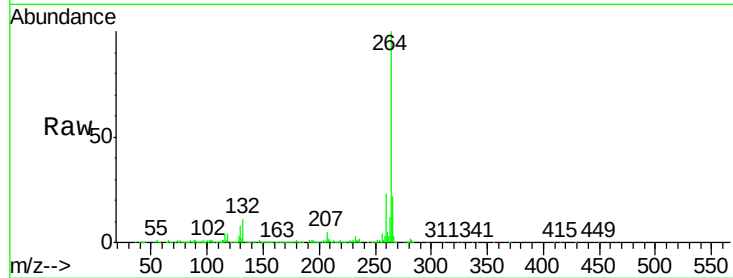
Tot Ion:264 Resp: 466938

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

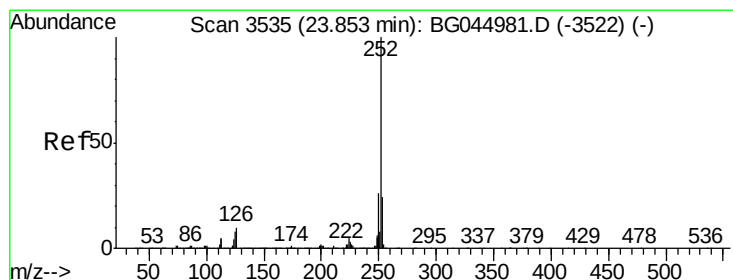
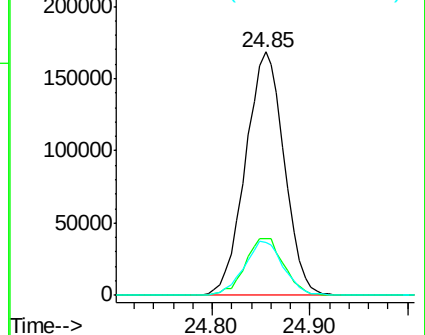
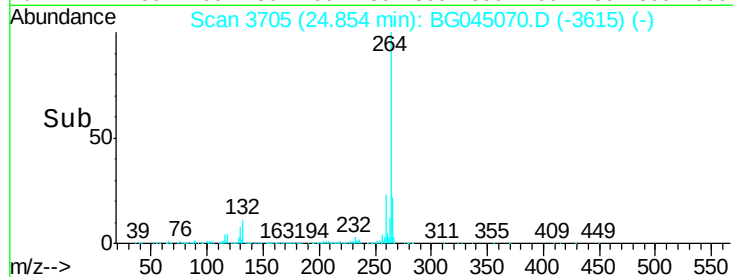
265 22.0 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 56.287 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.07 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

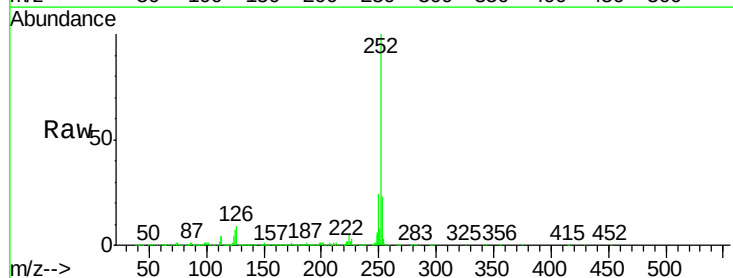
Tgt Ion:252 Resp: 1646331

Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

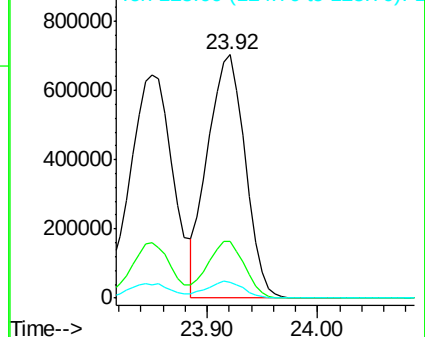
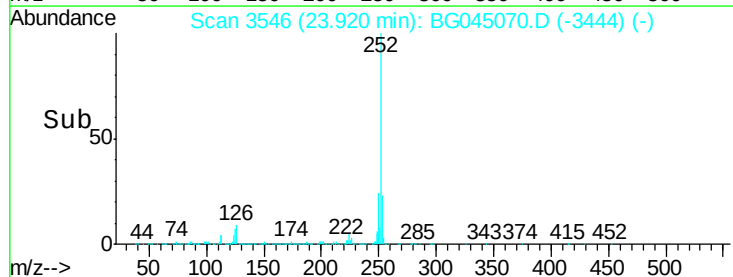
125 6.7 6.2 9.4

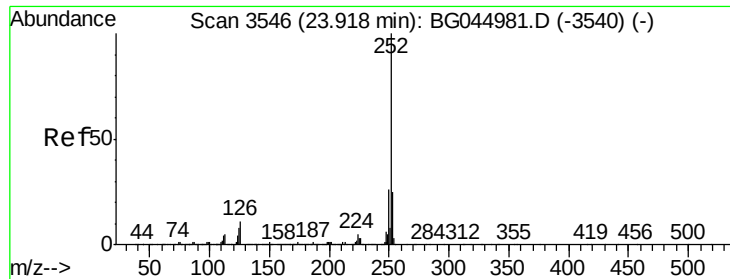


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 59.187 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

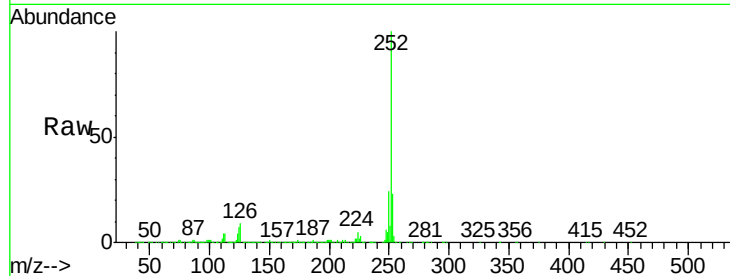
Tot Ion:252 Resp: 1646331

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

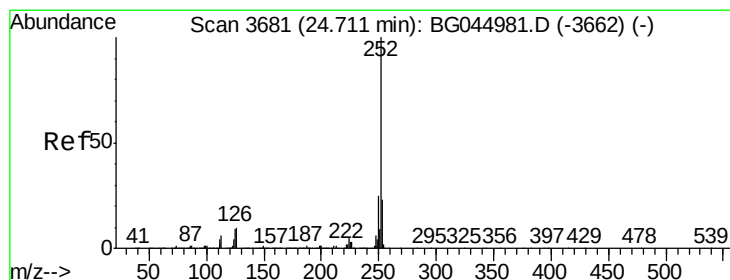
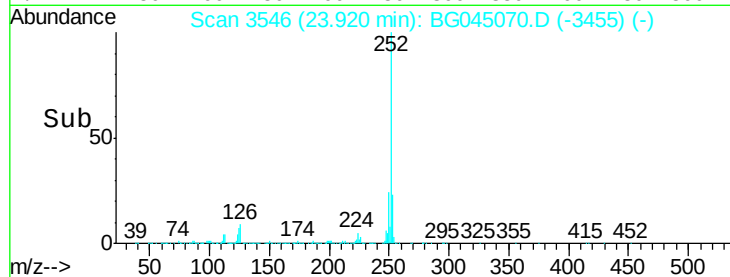
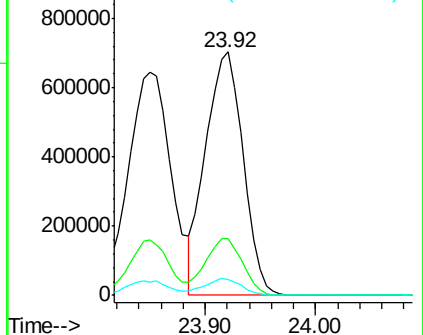
125 6.7 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 58.443 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

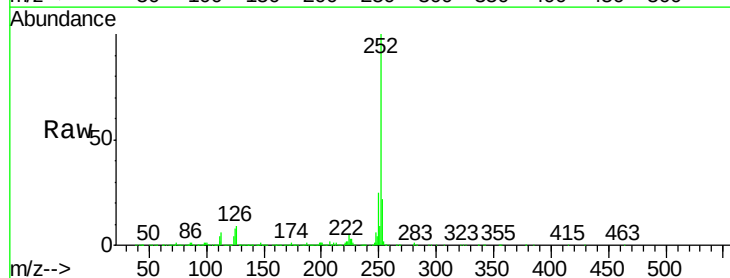
Tgt Ion:252 Resp: 1613919

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

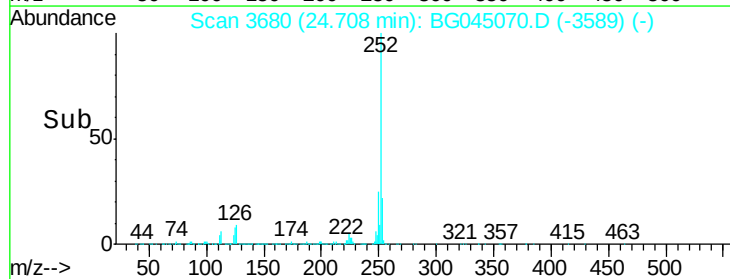
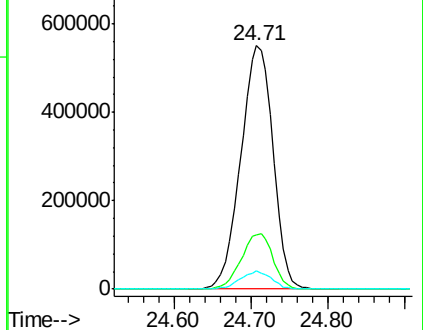
125 7.8 7.0 10.6

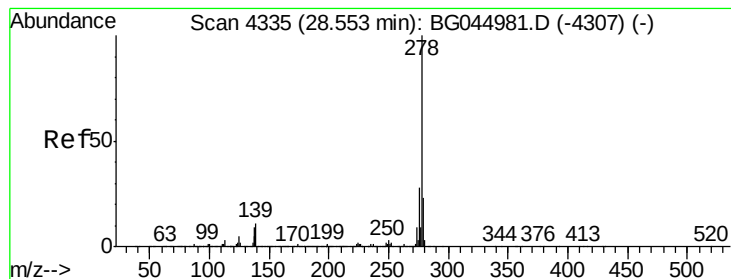


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 60.304 ng

RT: 28.56 min Scan# 4335

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

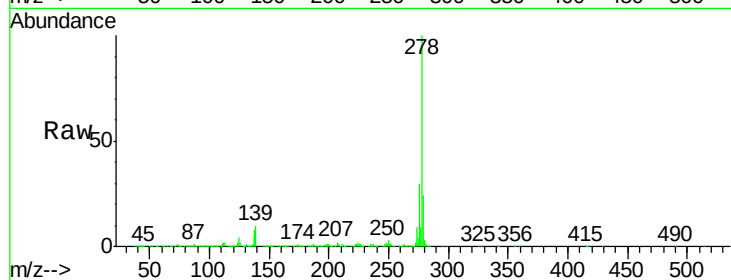
BNA_G

ClientSampleId :

PA-5MS

Tot Ion:278 Resp: 1678037

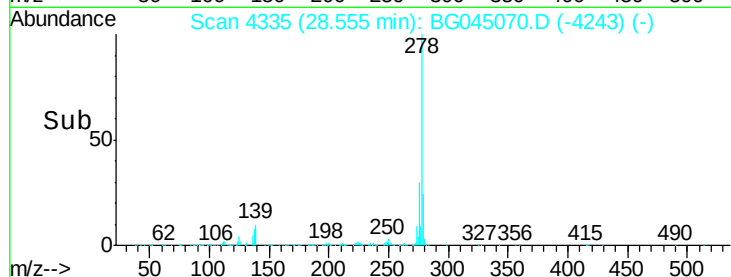
Ion	Ratio	Lower	Upper
278	100		
139	10.4	9.0	13.6
279	24.4	18.4	27.6



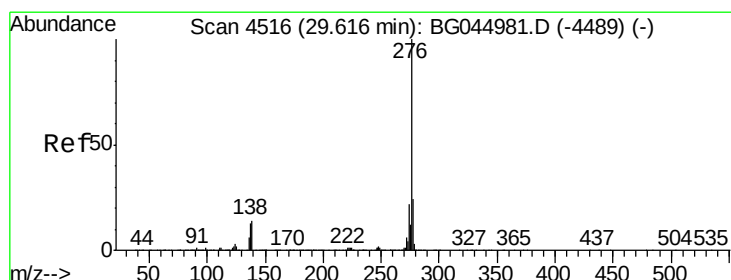
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 61.410 ng

RT: 29.62 min Scan# 4516

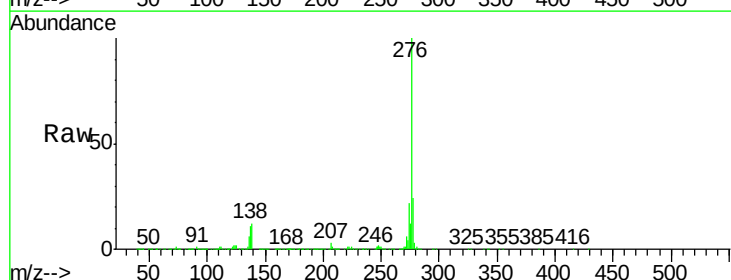
Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:276 Resp: 1713194

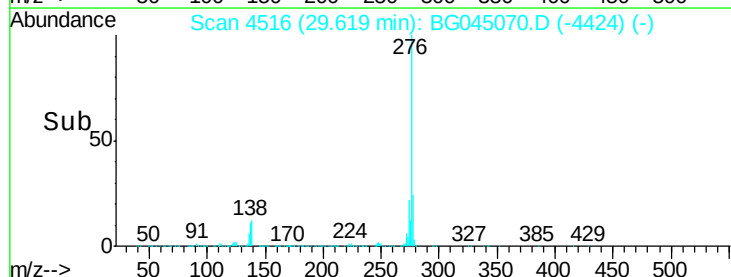
Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	11.6	11.4	17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->