

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045384.D
 Acq On : 14 May 2020 19:10
 Operator : CG/JU
 Sample : L2500-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

Quant Time: May 15 01:13:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 13:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	71916	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	300427	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	223892	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	541436	20.00	ng	0.00
76) Chrysene-d12	21.63	240	500358	20.00	ng	0.00
87) Perylene-d12	24.79	264	540393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	352541	80.93	ng	0.00
7) Phenol-d6	7.14	99	459870	71.06	ng	0.00
23) Nitrobenzene-d5	9.13	82	372276	56.54	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	288248	83.34	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	875286	57.32	ng	0.00
79) Terphenyl-d14	19.98	244	1539802	67.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	52063	26.894	ng	# 43
3) Pyridine	3.83	79	77690	13.034	ng	98
4) n-Nitrosodimethylamine	3.73	42	56095	30.721	ng	88
6) Aniline	7.29	93	129694	15.413	ng	99
8) 2-Chlorophenol	7.54	128	154729	33.051	ng	99
9) Benzaldehyde	7.10	77	113395	28.184	ng	97
10) Phenol	7.17	94	172802	26.682	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	151637	29.408	ng	95
12) 1,3-Dichlorobenzene	7.86	146	164228	29.770	ng	98
13) 1,4-Dichlorobenzene	8.01	146	166174	30.230	ng	98
14) 1,2-Dichlorobenzene	8.32	146	155439	29.557	ng	95
15) Benzyl Alcohol	8.21	79	167549	30.878	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	141202	27.897	ng	95
17) 2-Methylphenol	8.42	107	141306	28.279	ng	96
18) Hexachloroethane	9.06	117	63907	30.926	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	138381	30.234	ng	97
20) 3+4-Methylphenols	8.75	107	191668	27.404	ng	97
22) Acetophenone	8.79	105	252557	31.087	ng	# 96
24) Nitrobenzene	9.17	77	203757	30.191	ng	# 96
25) Isophorone	9.70	82	399108	29.600	ng	100
26) 2-Nitrophenol	9.89	139	92307	31.752	ng	94
27) 2,4-Dimethylphenol	9.96	122	152836	33.133	ng	95
28) bis(2-Chloroethoxy)methane	10.18	93	212327	29.971	ng	98
29) 2,4-Dichlorophenol	10.43	162	168287	31.596	ng	97
30) 1,2,4-Trichlorobenzene	10.64	180	177376	29.413	ng	92
31) Naphthalene	10.83	128	492446	29.964	ng	98
32) Benzoic acid	10.10	122	71287	22.964	ng	92
33) 4-Chloroaniline	10.94	127	29271	3.819	ng	# 95
34) Hexachlorobutadiene	11.12	225	119365	28.870	ng	98
35) Caprolactam	11.69	113	46414m	21.895	ng	
36) 4-Chloro-3-methylphenol	12.07	107	200321	32.016	ng	97
37) 2-Methylnaphthalene	12.44	142	379674	29.763	ng	95
38) 1-Methylnaphthalene	12.66	142	364482	30.266	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	210070	29.141	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	267538	59.379	nq	97
43) 2,4,6-Trichlorophenol	13.05	196	152815	30.036	nq	90
44) 2,4,5-Trichlorophenol	13.13	196	165312	28.546	nq	97
46) 1,1'-Biphenyl	13.45	154	508437	29.878	nq	100
47) 2-Chloronaphthalene	13.49	162	380764	29.283	nq	99
48) 2-Nitroaniline	13.69	65	129087	30.173	nq	98
49) Acenaphthylene	14.34	152	645123	30.459	nq	100
50) Dimethylphthalate	14.07	163	625997	34.338	nq	98
51) 2,6-Dinitrotoluene	14.19	165	123191	30.212	nq	96
52) Acenaphthene	14.68	154	482183m	33.648	nq	
53) 3-Nitroaniline	14.51	138	45091	10.083	nq	81
54) 2,4-Dinitrophenol	14.73	184	149728	61.752	nq	90
55) Dibenzofuran	15.01	168	623717	29.854	nq	96
56) 4-Nitrophenol	14.84	139	158139	45.605	nq	96
57) 2,4-Dinitrotoluene	14.98	165	179108	30.057	nq	97
58) Fluorene	15.67	166	518912	30.407	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	161845	31.409	nq	98
60) Diethylphthalate	15.44	149	571105	30.047	nq	99
61) 4-Chlorophenyl-phenylether	15.65	204	289631	29.486	nq	98
62) 4-Nitroaniline	15.68	138	118852	25.623	nq	98
63) Azobenzene	15.95	77	539285	30.775	nq	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	110824	31.140	nq	94
66) n-Nitrosodiphenylamine	15.87	169	474369	30.493	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	202817	29.036	nq	96
68) Hexachlorobenzene	16.68	284	217954	30.087	nq	98
69) Atrazine	16.82	200	180066	30.159	nq	100
70) Pentachlorophenol	17.02	266	244703	55.063	nq	96
71) Phenanthrene	17.40	178	847293	30.453	nq	99
72) Anthracene	17.50	178	877762	31.451	nq	98
73) Carbazole	17.76	167	806985	28.493	nq	97
74) Di-n-butylphthalate	18.33	149	982230	29.810	nq	99
75) Fluoranthene	19.41	202	1073072	30.876	nq	99
77) Benzidine	19.59	184	129350	3.423	nq	97
78) Pyrene	19.78	202	1066506	30.918	nq	98
80) Butylbenzylphthalate	20.66	149	428125	29.942	nq	98
81) Benzo(a)anthracene	21.61	228	989347	30.507	nq	96
82) 3,3'-Dichlorobenzidine	21.52	252	142369	11.030	nq	98
83) Chrysene	21.68	228	932793	29.936	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	588714	29.937	nq	98
85) Di-n-octyl phthalate	22.71	149	994179	29.235	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1215410	29.379	nq	# 98
88) Benzo(b)fluoranthene	23.79	252	1025998	30.310	nq	97
89) Benzo(k)fluoranthene	23.85	252	1019311	31.664	nq	96
90) Benzo(a)pyrene	24.64	252	951058	29.758	nq	97
91) Dibenzo(a,h)anthracene	28.44	278	983376	30.536	nq	96
92) Benzo(g,h,i)perylene	29.51	276	1009816	31.277	nq	98

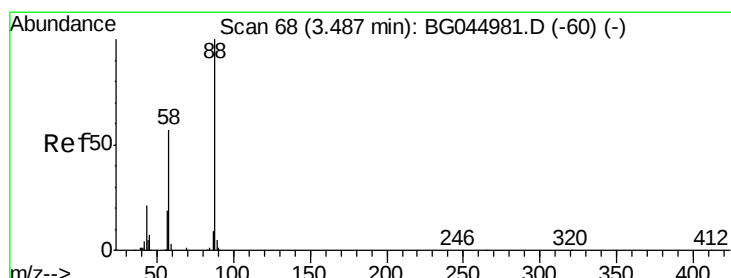
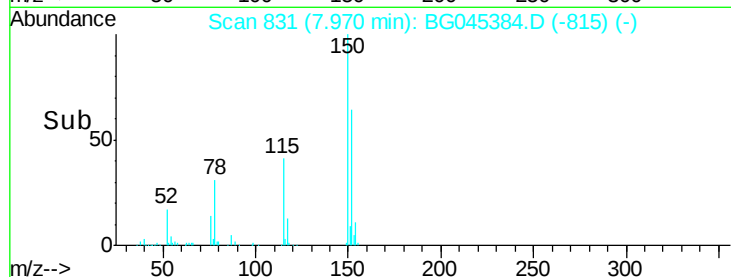
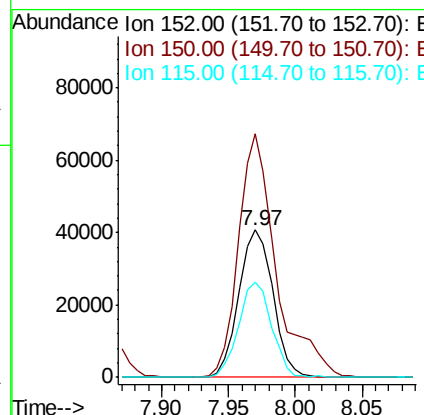
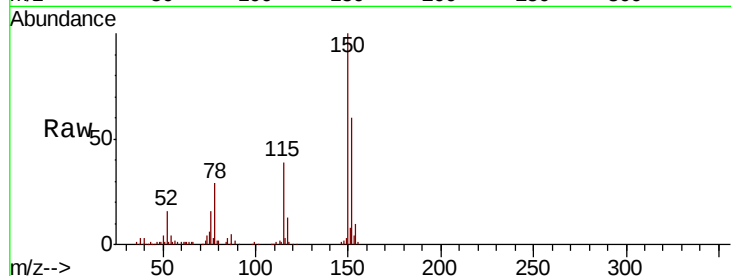
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

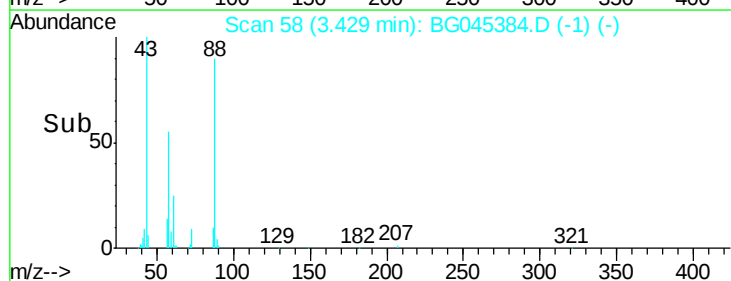
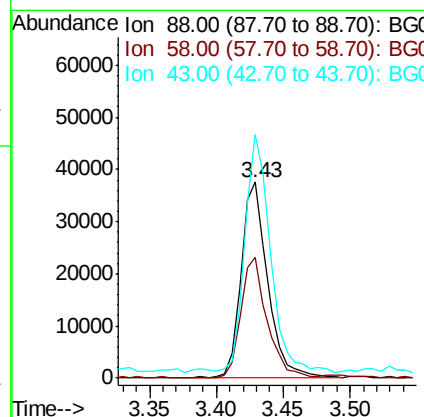
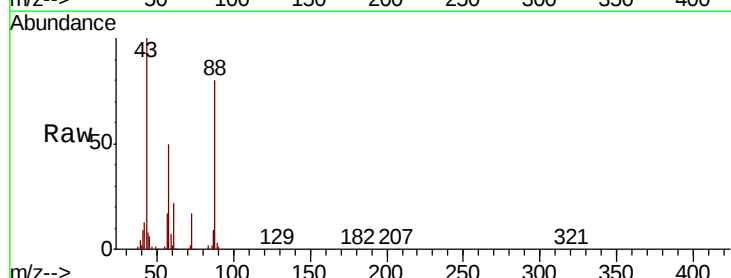
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

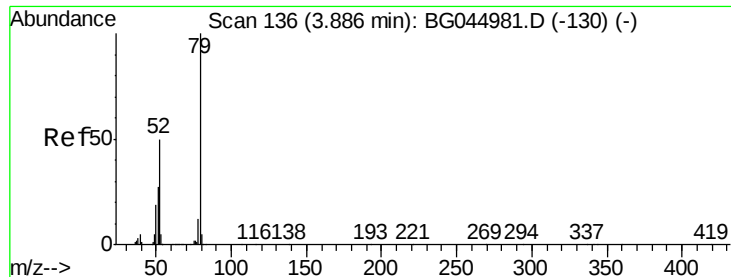
Tot Ion:152 Resp: 71916
 Ion Ratio Lower Upper
 152 100
 150 165.6 123.6 185.4
 115 64.3 49.1 73.7



#2
 1,4-Dioxane
 Concen: 26.894 ng
 RT: 3.43 min Scan# 58
 Delta R.T. 0.01 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Tgt Ion: 88 Resp: 52063
 Ion Ratio Lower Upper
 88 100
 58 61.2 46.6 69.8
 43 115.2 17.5 26.3#





#3

Pvridine

Concen: 13.034 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

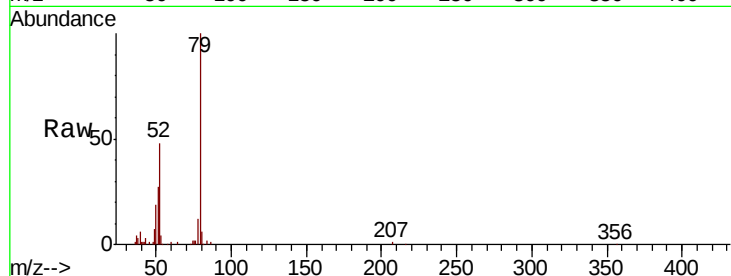
Tot Ion: 79 Resp: 77690

Ion Ratio Lower Upper

79 100

52 47.7 39.8 59.6

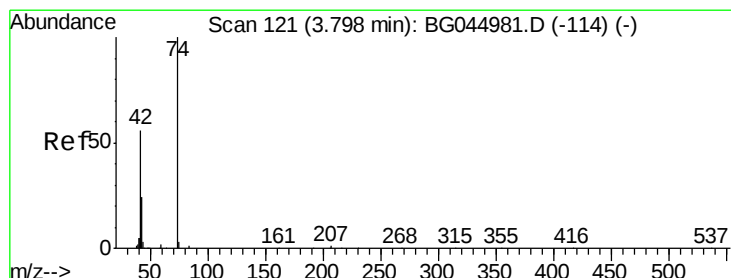
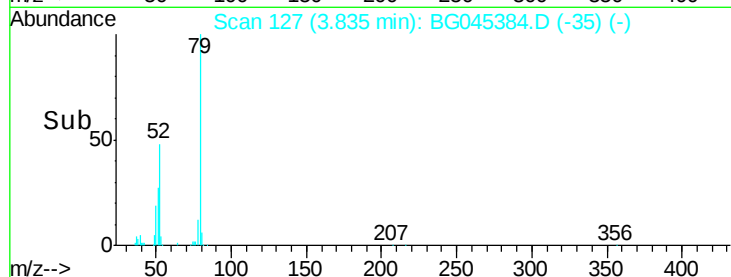
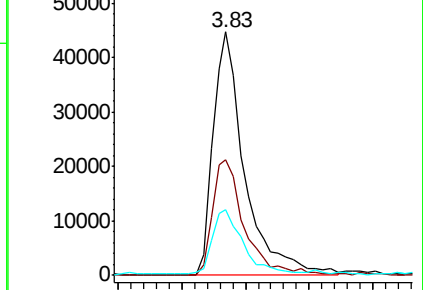
51 27.1 21.4 32.2



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



#4

n-Nitrosodimethylamine

Concen: 30.721 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

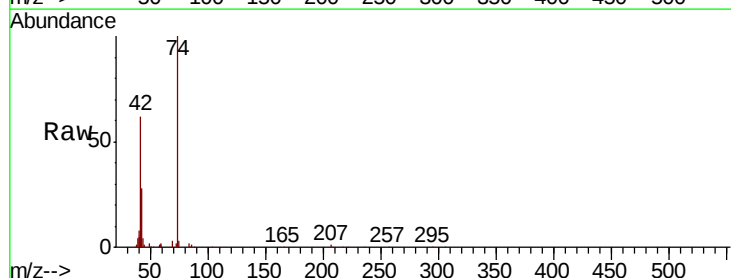
Tgt Ion: 42 Resp: 56095

Ion Ratio Lower Upper

42 100

74 162.0 143.0 214.6

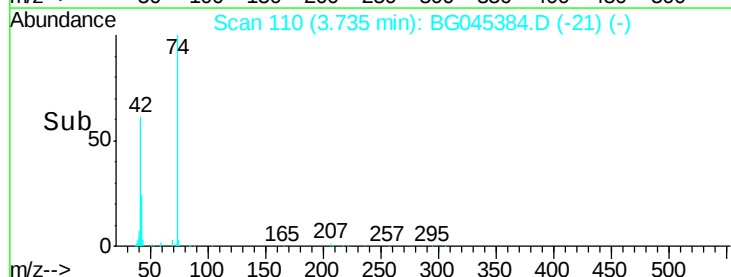
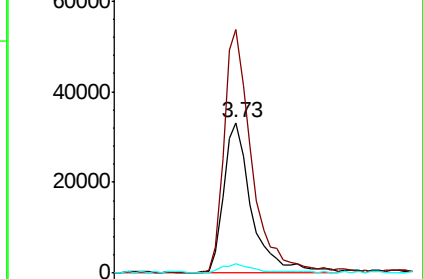
44 6.0 4.6 6.8



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





#5

2-Fluorophenol

Concen: 80.931 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

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ClientSampleId :

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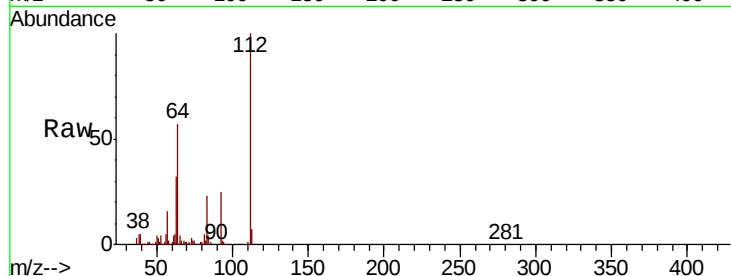
Tot Ion:112 Resp: 352541

Ion Ratio Lower Upper

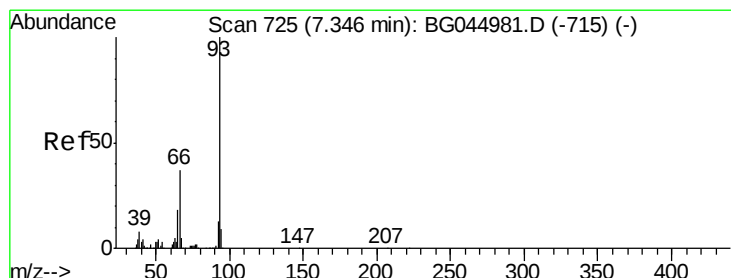
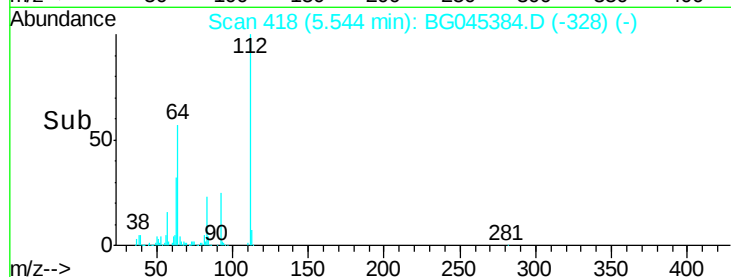
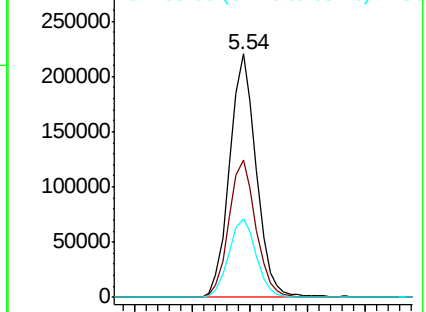
112 100

64 56.5 42.4 63.6

63 32.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.413 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

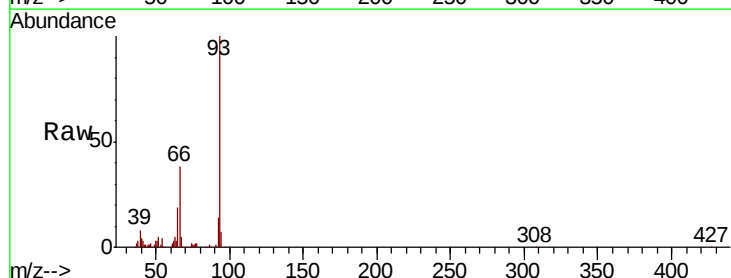
Tgt Ion: 93 Resp: 129694

Ion Ratio Lower Upper

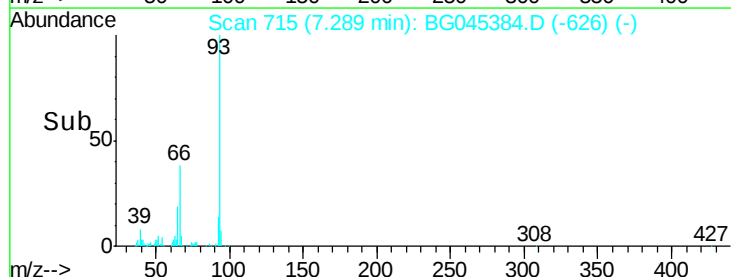
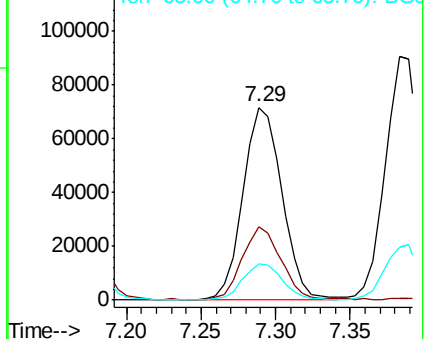
93 100

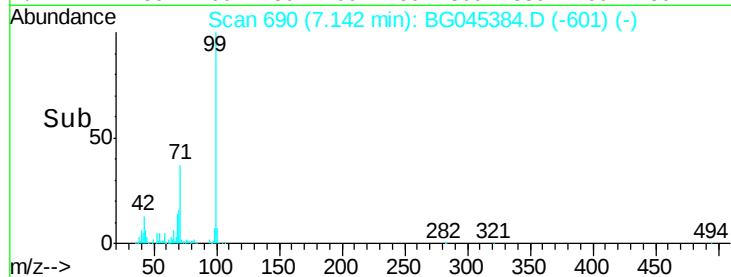
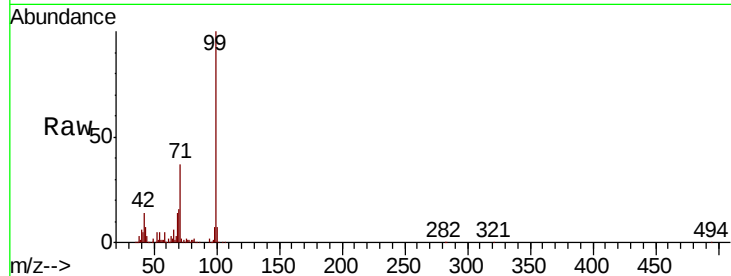
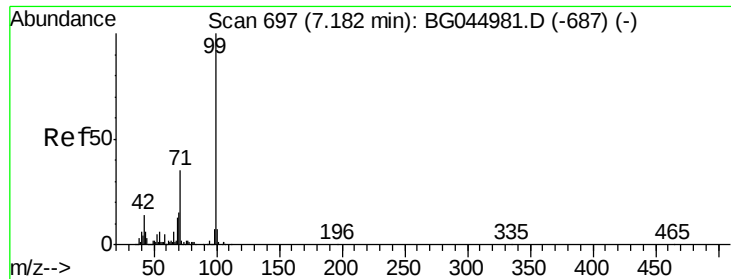
66 38.1 29.8 44.8

65 19.1 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: 71.055 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

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BNA_G

ClientSampleId :

OK-02-051220MS

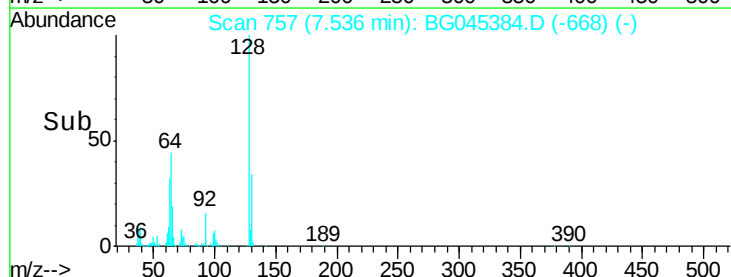
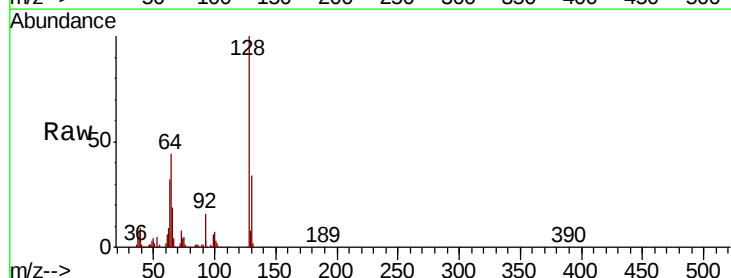
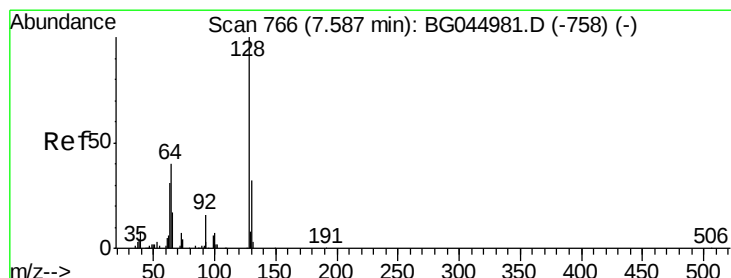
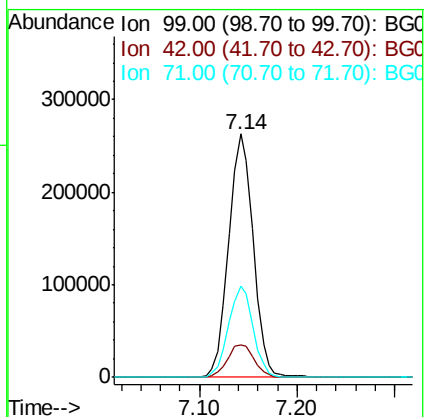
Tot Ion: 99 Resp: 459870

Ion Ratio Lower Upper

99 100

42 13.5 11.3 16.9

71 37.4 28.3 42.5



#8

2-Chlorophenol

Concen: 33.051 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

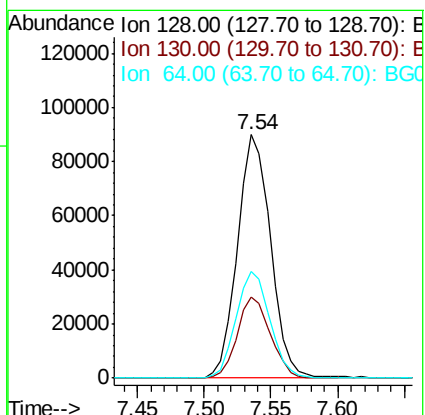
Tgt Ion: 128 Resp: 154729

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

64 44.1 24.4 64.4





#9

Benzaldehyde

Concen: 28.184 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

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ClientSampleId :

OK-02-051220MS

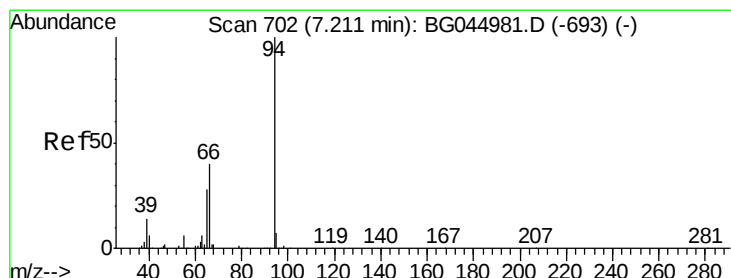
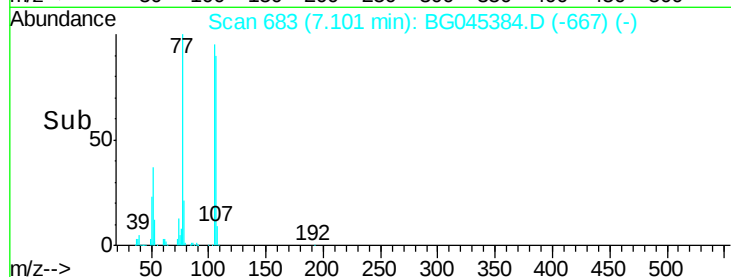
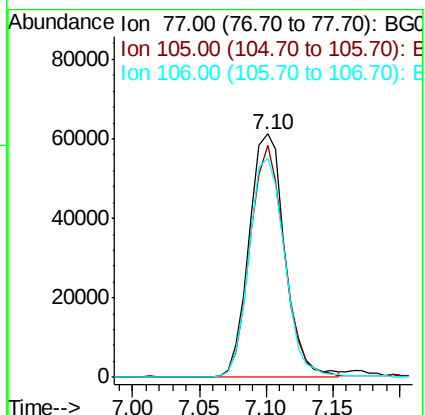
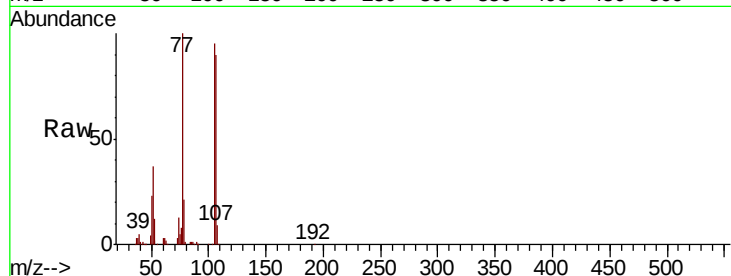
Tot Ion: 77 Resp: 113395

Ion Ratio Lower Upper

77 100

105 95.4 72.9 112.9

106 90.2 67.6 107.6



#10

Phenol

Concen: 26.682 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

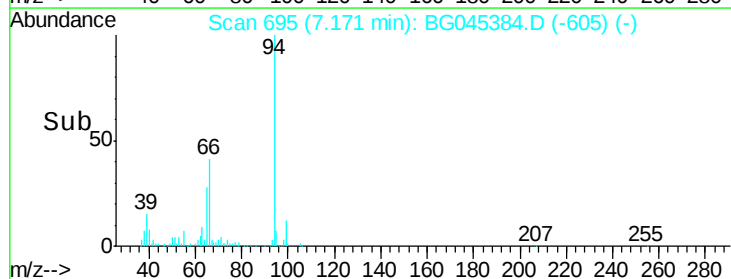
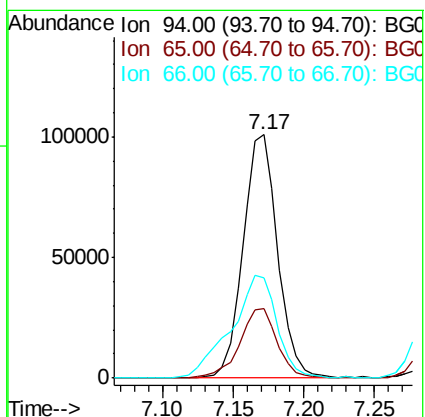
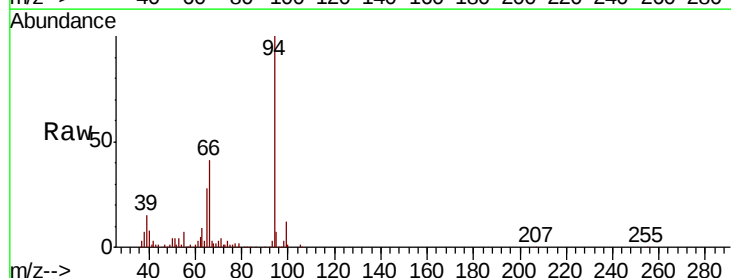
Tgt Ion: 94 Resp: 172802

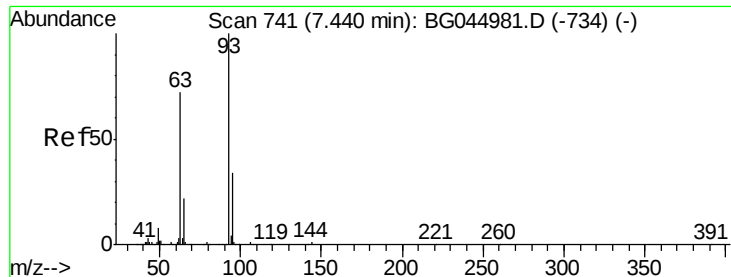
Ion Ratio Lower Upper

94 100

65 28.3 8.2 48.2

66 41.3 20.4 60.4

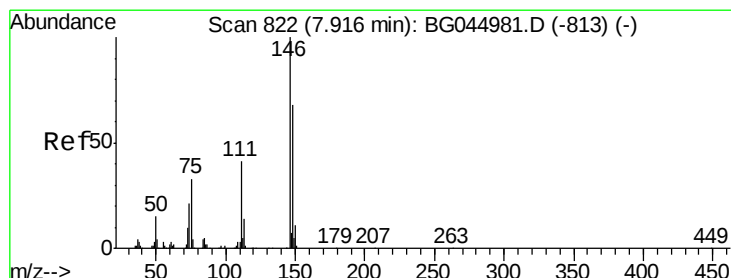
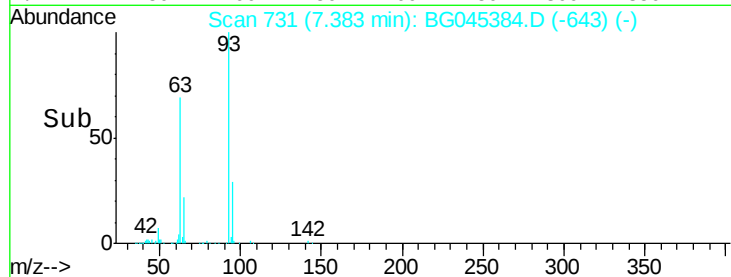
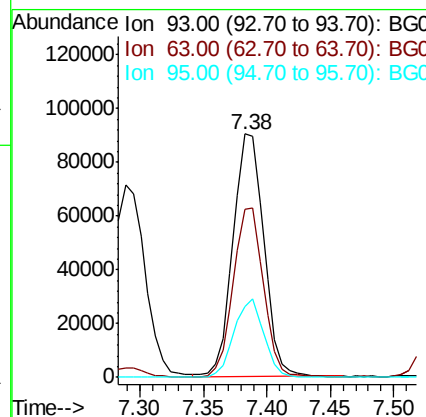
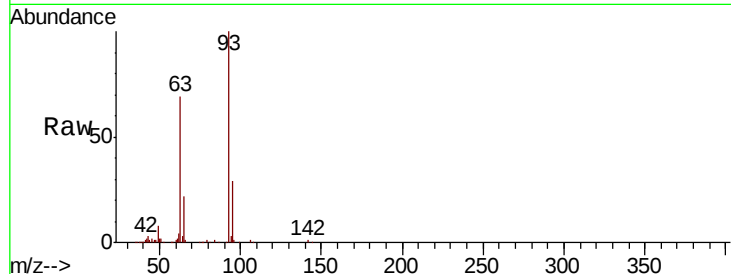




#11
bis(2-Chloroethyl)ether
Concen: 29.408 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.01 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

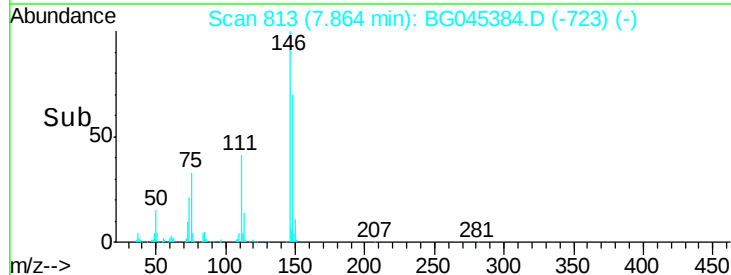
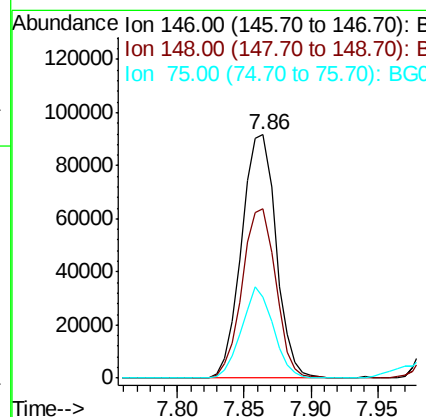
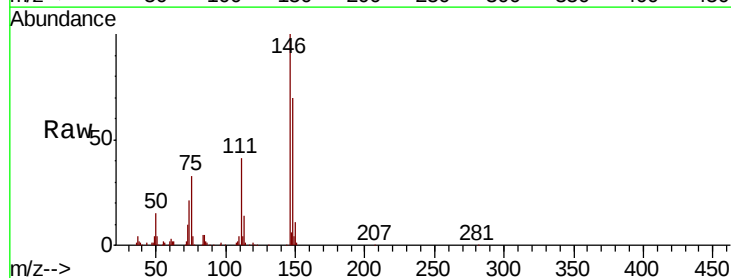
Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

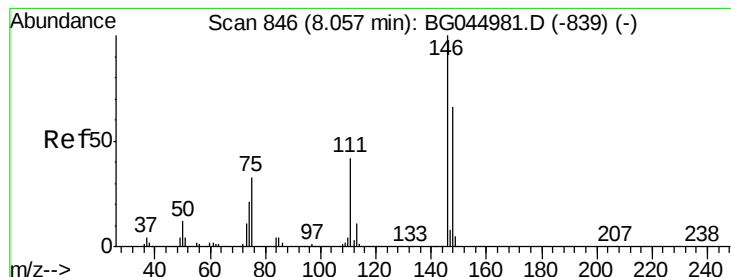
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.1	51.8	91.8
95	29.2	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 29.770 ng
RT: 7.86 min Scan# 813
Delta R.T. 0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	54.6	81.8
75	33.5	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 30.230 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

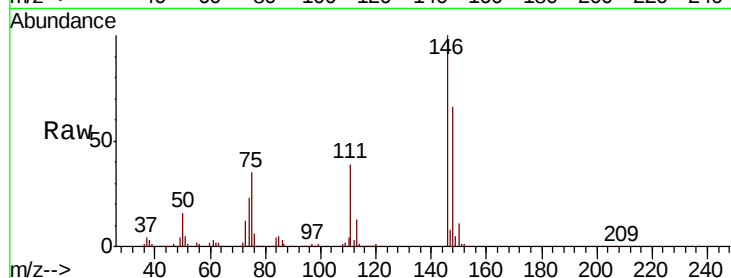
Tot Ion:146 Resp: 166174

Ion Ratio Lower Upper

146 100

148 66.0 53.3 79.9

111 39.5 33.8 50.8

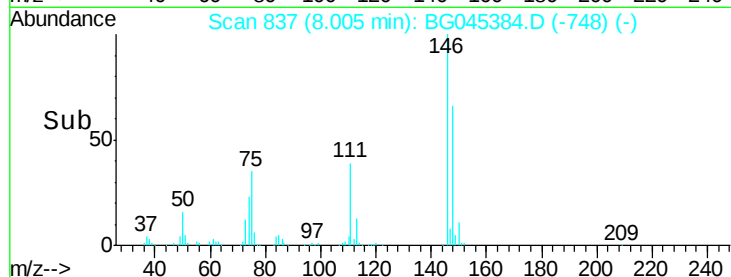


Abundance Ion 146.00 (145.70 to 146.70): E

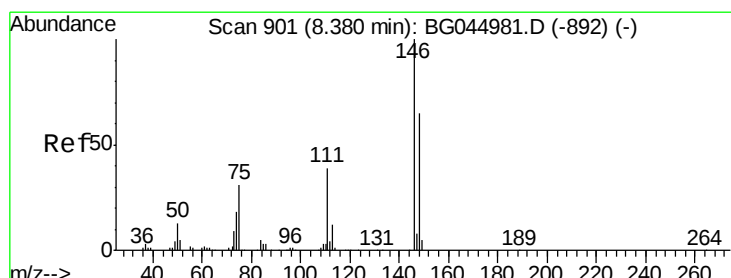
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



Time-->



#14

1,2-Dichlorobenzene

Concen: 29.557 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

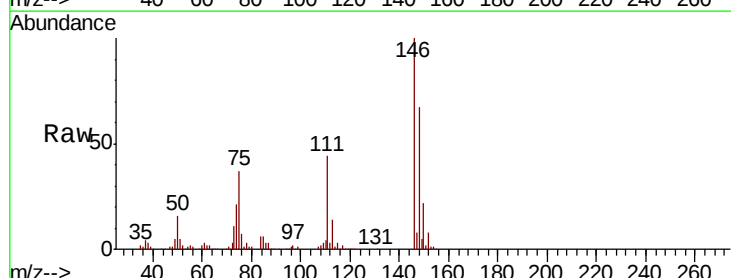
Tgt Ion:146 Resp: 155439

Ion Ratio Lower Upper

146 100

148 67.4 51.9 77.9

111 44.2 31.3 46.9

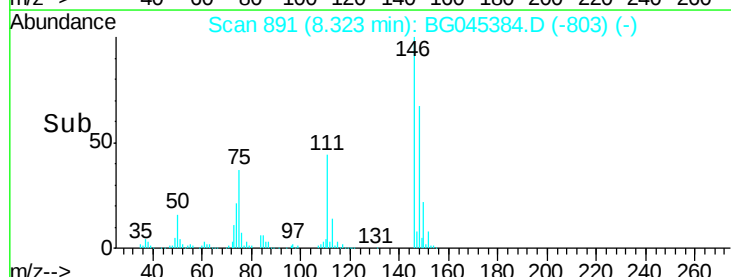


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



Time-->



#15

Benzyl Alcohol

Concen: 30.878 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

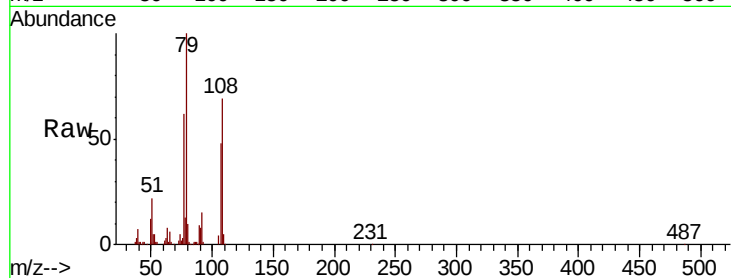
Tot Ion: 79 Resp: 167549

Ion Ratio Lower Upper

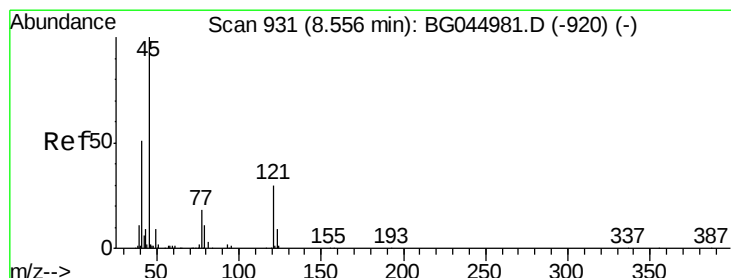
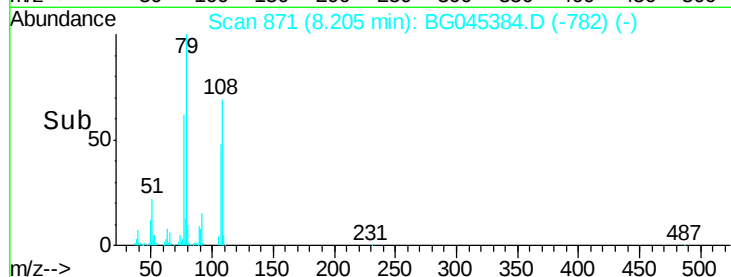
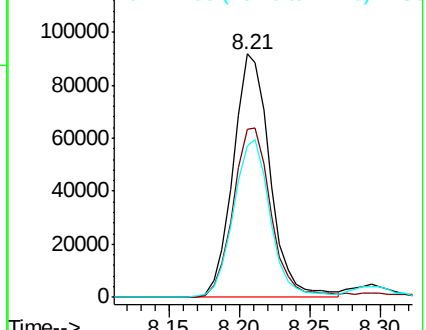
79 100

108 69.2 52.7 79.1

77 62.0 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: 27.897 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

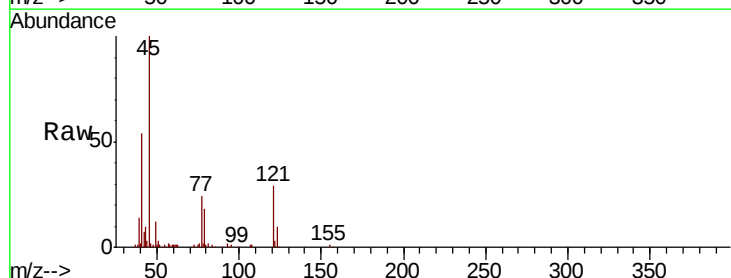
Tgt Ion: 45 Resp: 141202

Ion Ratio Lower Upper

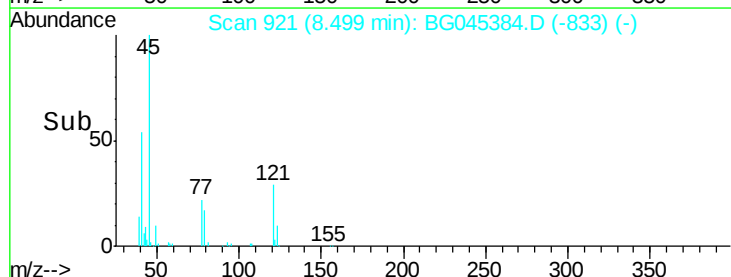
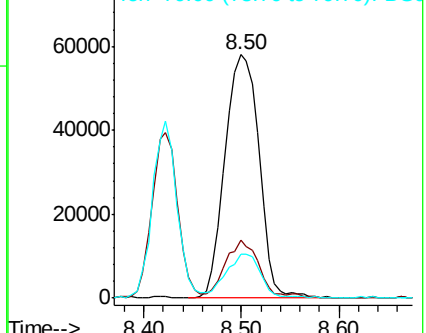
45 100

77 24.0 1.9 41.9

79 17.9 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: 28.279 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

Tot Ion:107 Resp: 141306

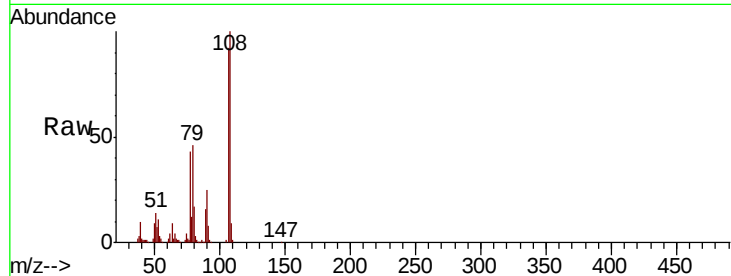
Ion Ratio Lower Upper

107 100

108 109.1 93.8 140.6

77 47.2 38.5 57.7

79 50.5 40.1 60.1

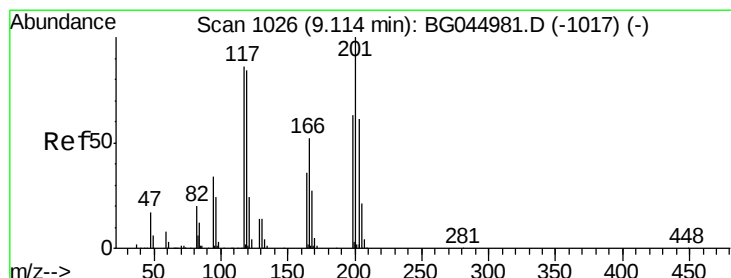
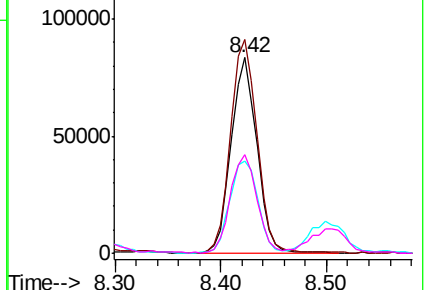
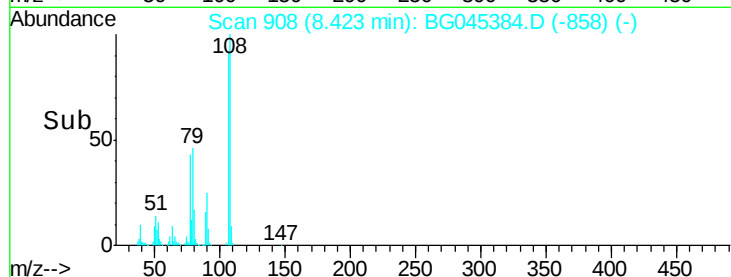


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.926 ng

RT: 9.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

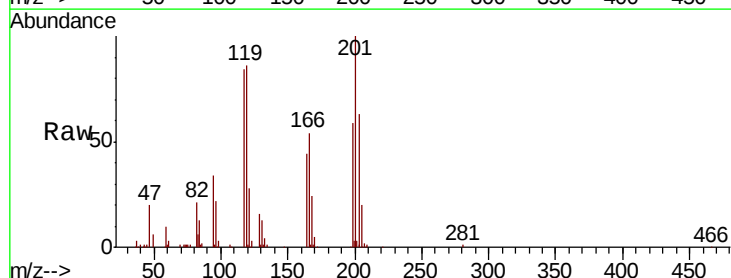
Tgt Ion:117 Resp: 63907

Ion Ratio Lower Upper

117 100

119 101.7 78.3 117.5

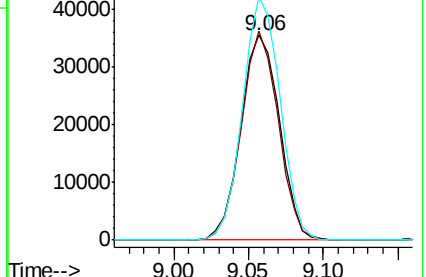
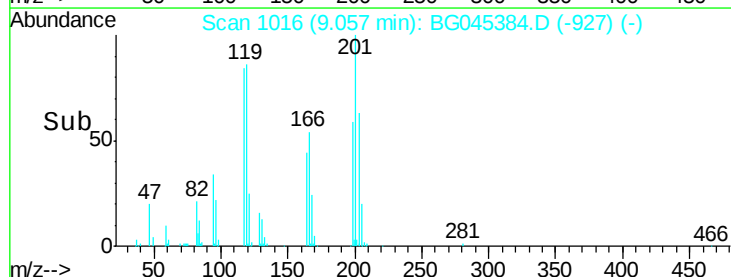
201 118.7 92.9 139.3



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

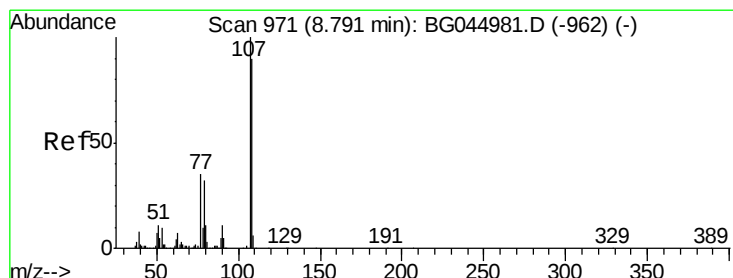
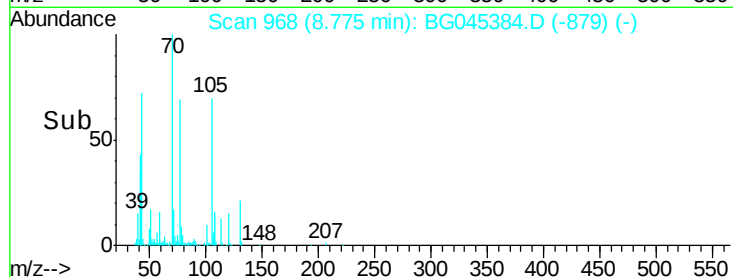
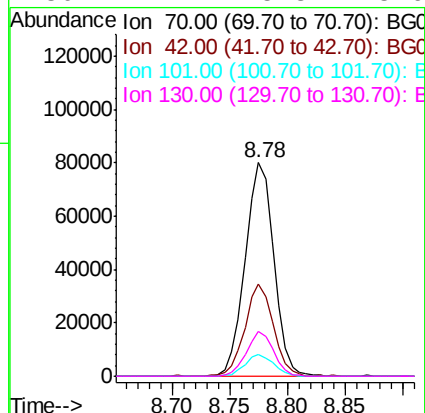
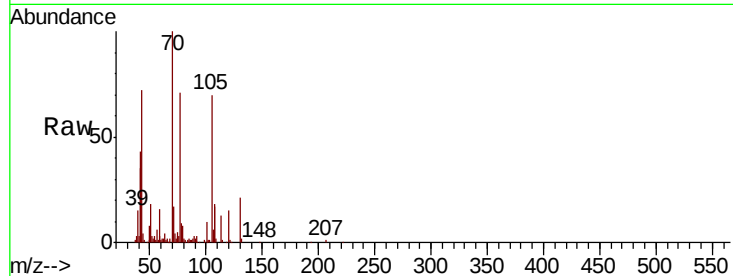




#19
n-Nitroso-di-n-propylamine
Concen: 30.234 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

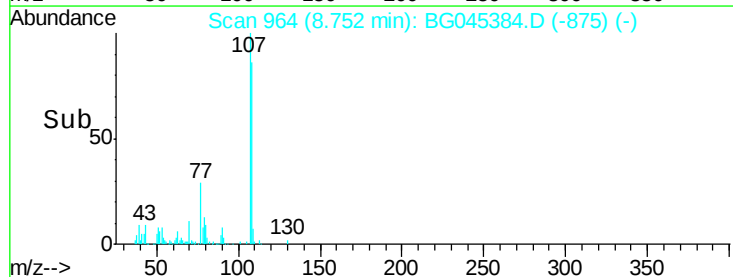
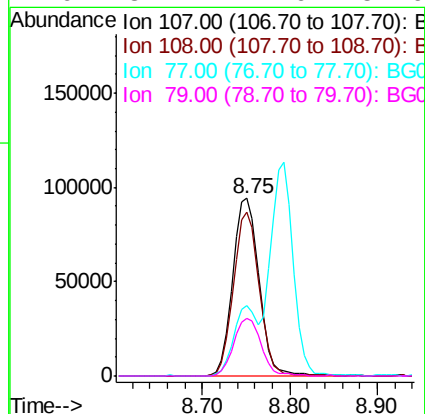
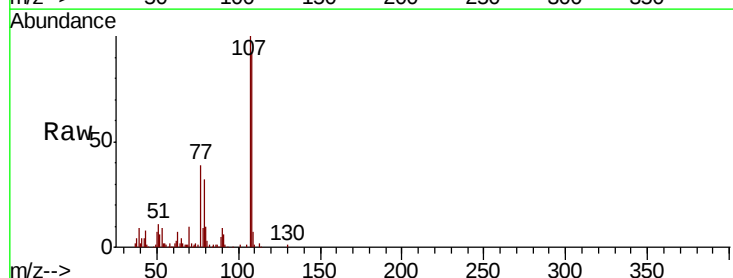
Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

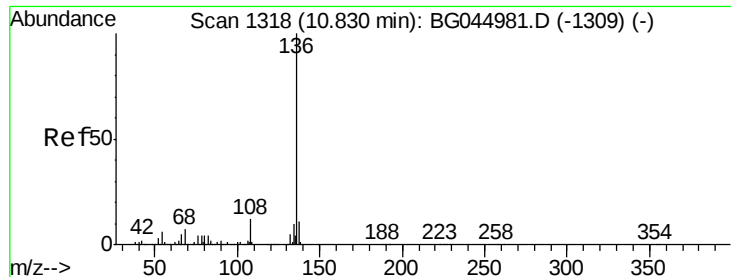
Tot Ion:	70	Resp:	138381
Ion	Ratio	Lower	Upper
70	100		
42	43.4	33.3	49.9
101	10.4	7.8	11.8
130	21.2	15.8	23.6



#20
3+4-Methylphenols
Concen: 27.404 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion:	107	Resp:	191668
Ion	Ratio	Lower	Upper
107	100		
108	92.2	69.9	109.9
77	39.5	15.2	55.2
79	32.4	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

Tot Ion:136 Resp: 300427

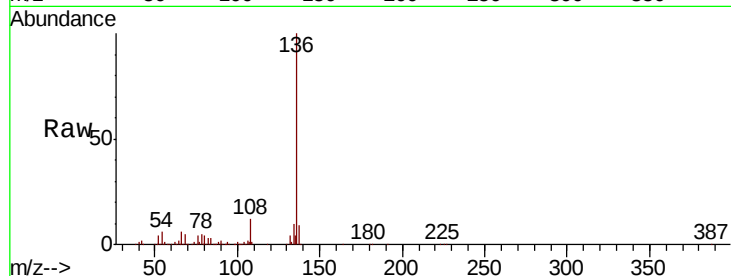
Ion Ratio Lower Upper

136 100

137 9.2 8.6 13.0

54 6.0 4.8 7.2

68 5.4 5.2 7.8

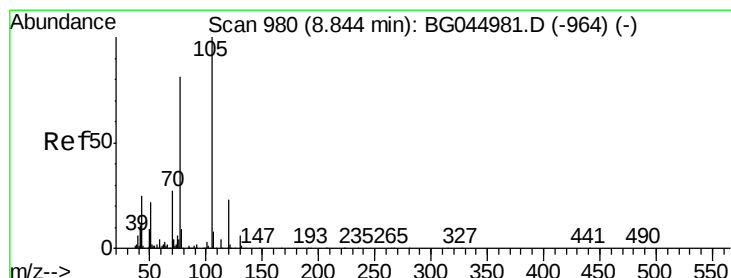
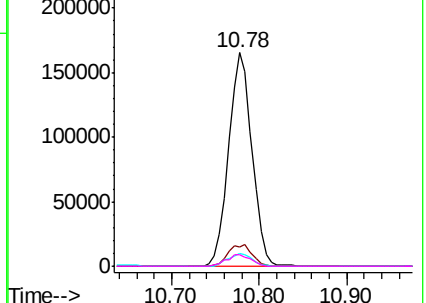
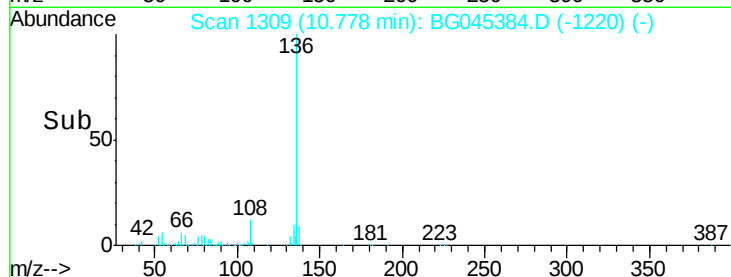


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 31.087 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Tgt Ion:105 Resp: 252557

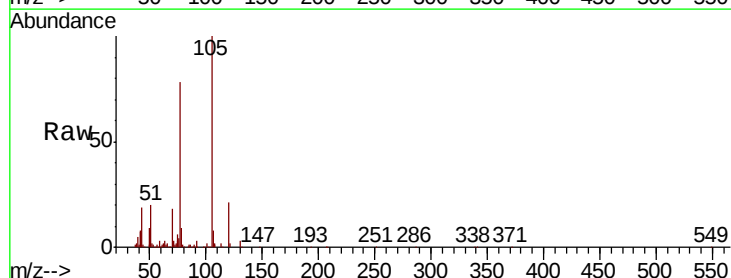
Ion Ratio Lower Upper

105 100

71 3.1 3.3 4.9#

51 19.8 17.3 25.9

120 21.1 18.4 27.6

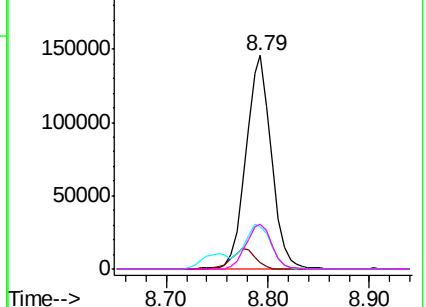
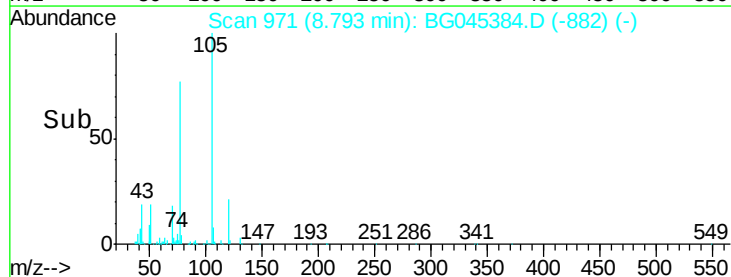


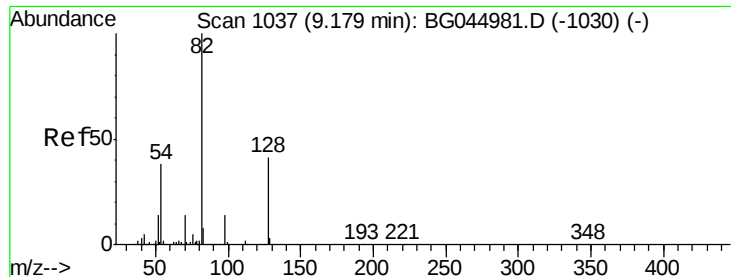
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

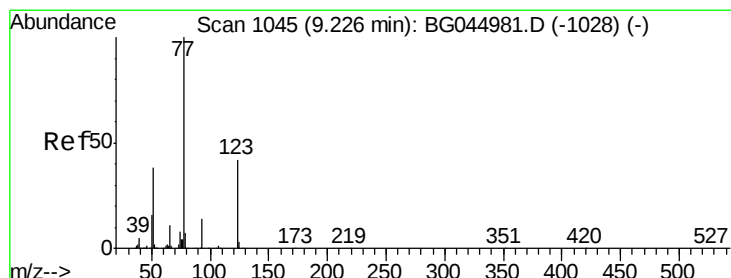
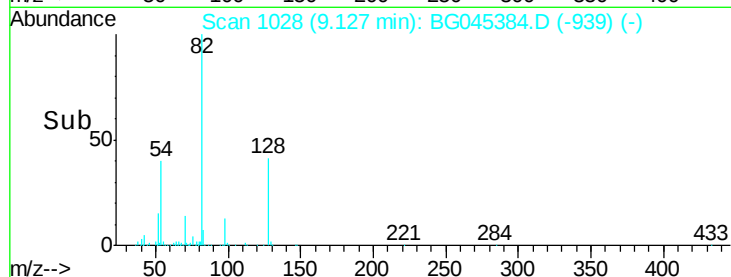
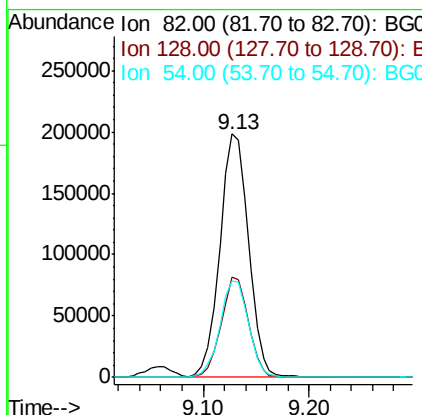
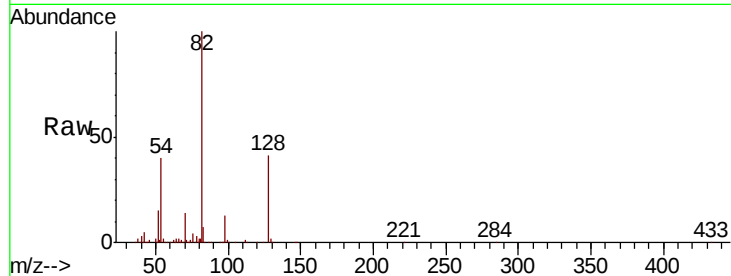




#23
 Nitrobenzene-d5
 Concen: 56.541 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

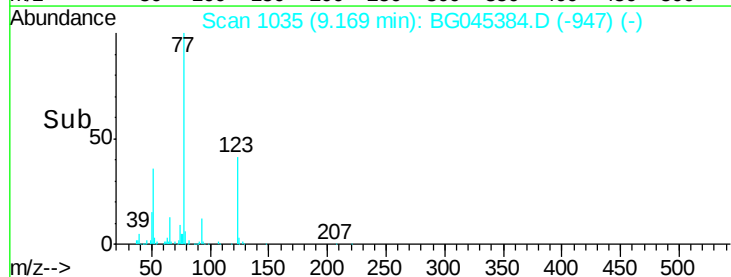
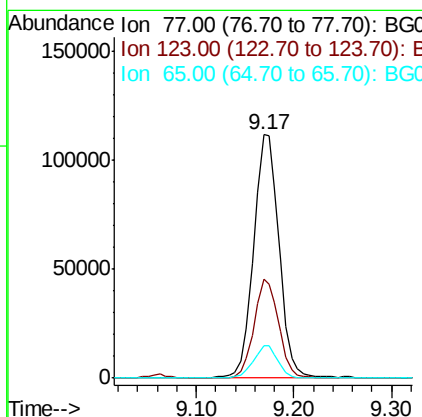
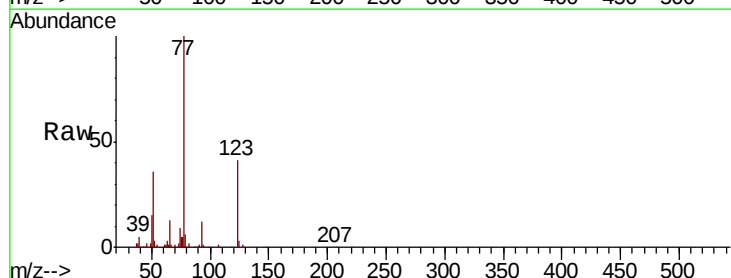
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

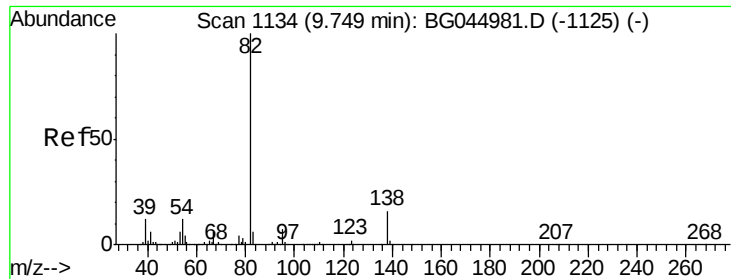
Tot Ion: 82 Resp: 372276
 Ion Ratio Lower Upper
 82 100
 128 41.0 33.0 49.4
 54 39.5 30.4 45.6



#24
 Nitrobenzene
 Concen: 30.191 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Tgt Ion: 77 Resp: 203757
 Ion Ratio Lower Upper
 77 100
 123 40.8 34.3 51.5
 65 13.4 8.9 13.3#





#25

Isophorone

Concen: 29.600 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

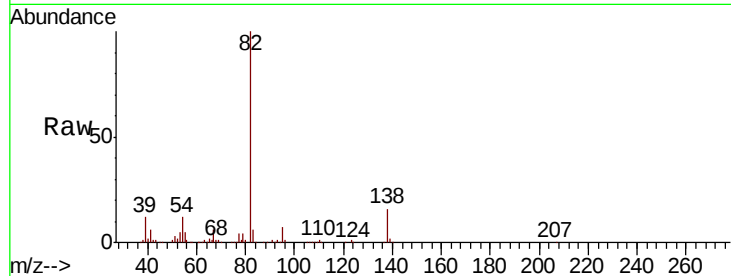
Tot Ion: 82 Resp: 399108

Ion Ratio Lower Upper

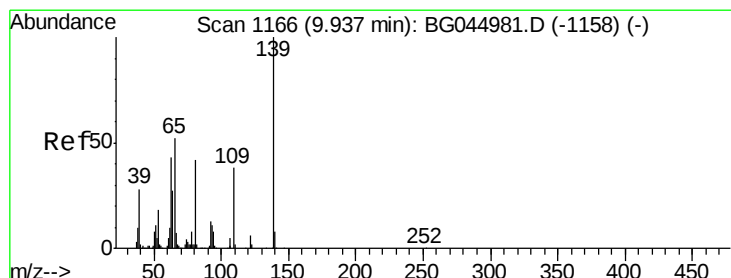
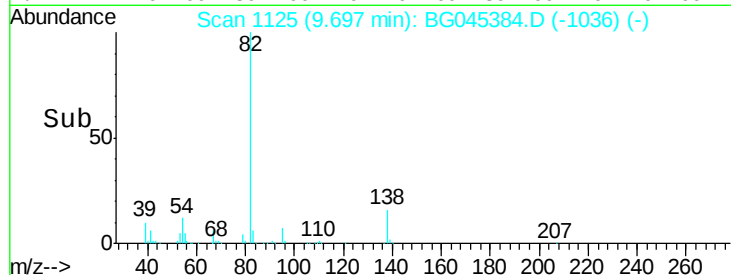
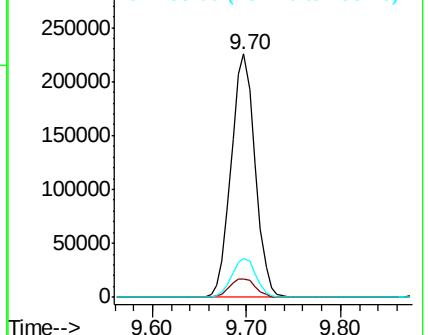
82 100

95 7.3 6.0 9.0

138 16.0 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: 31.752 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

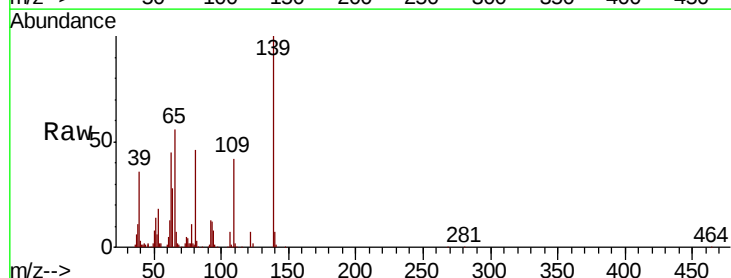
Tgt Ion: 139 Resp: 92307

Ion Ratio Lower Upper

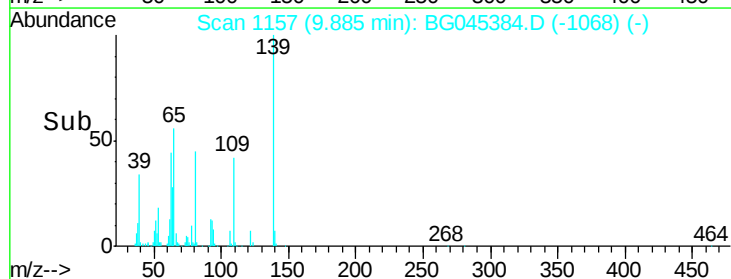
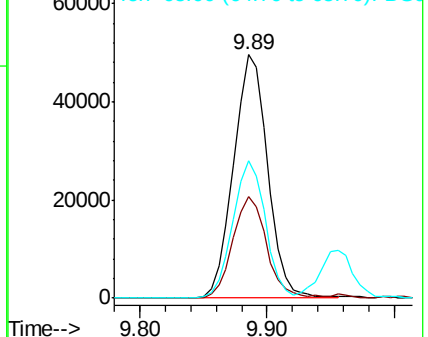
139 100

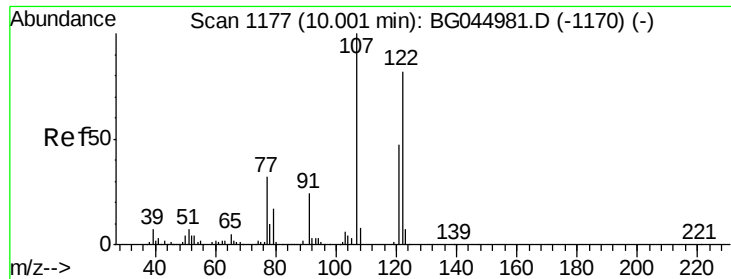
109 41.8 30.6 45.8

65 56.5 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

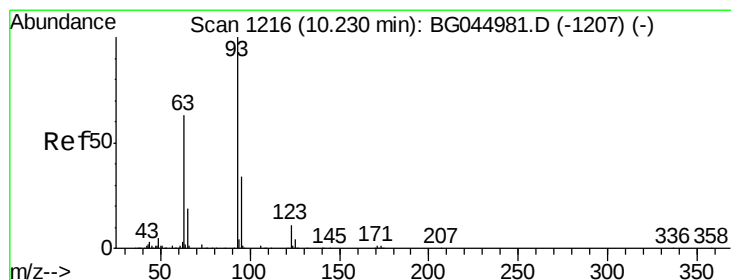
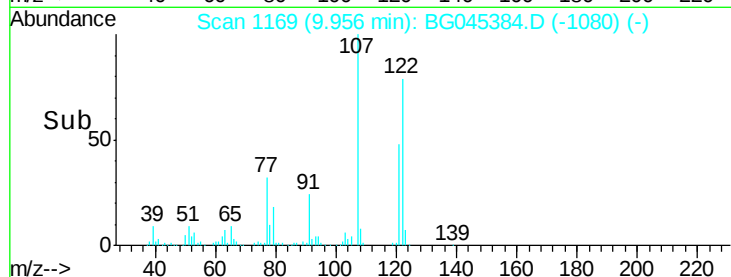
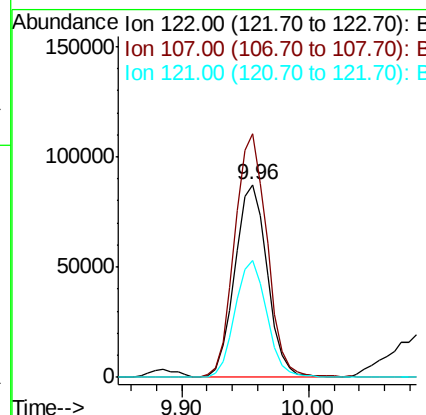
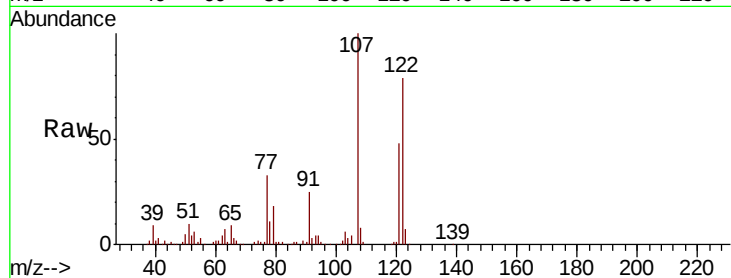




#27
2,4-Dimethylphenol
Concen: 33.133 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

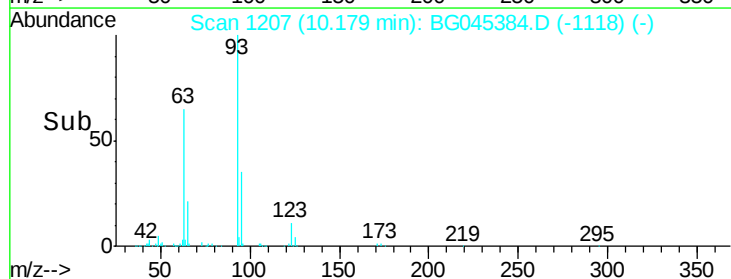
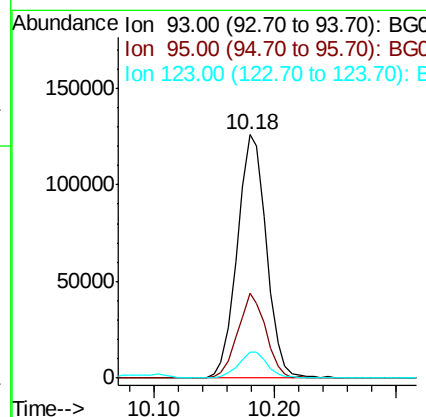
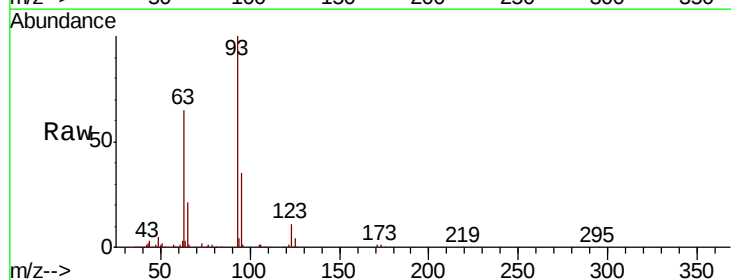
Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.2	96.8	145.2
121	60.8	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 29.971 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.8	27.0	40.4
123	10.6	8.7	13.1

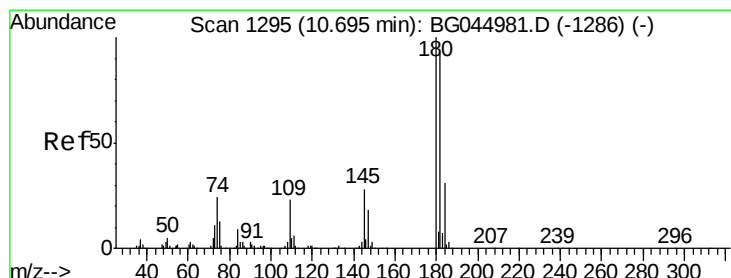
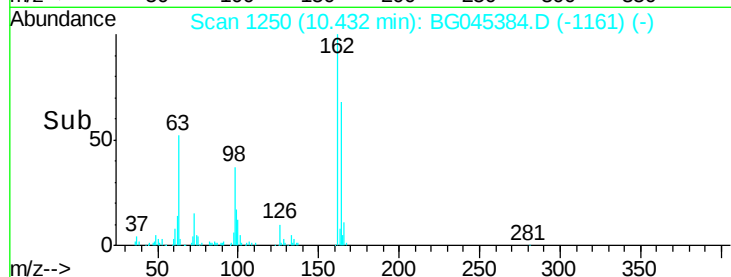
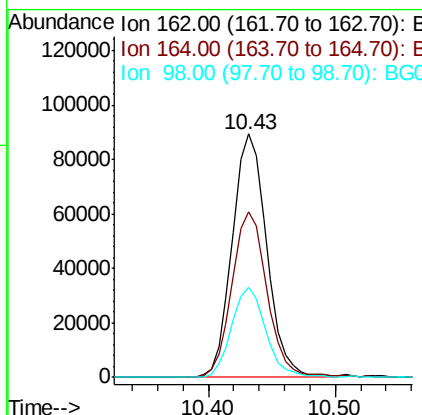
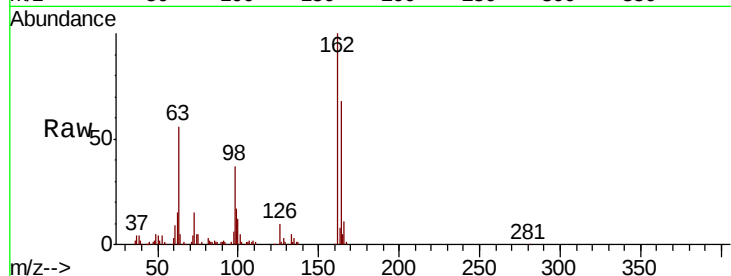




#29
 2,4-Dichlorophenol
 Concen: 31.596 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

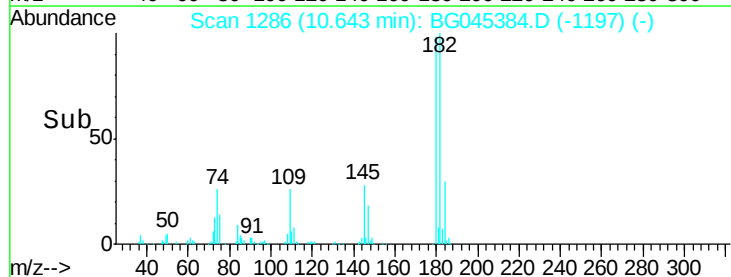
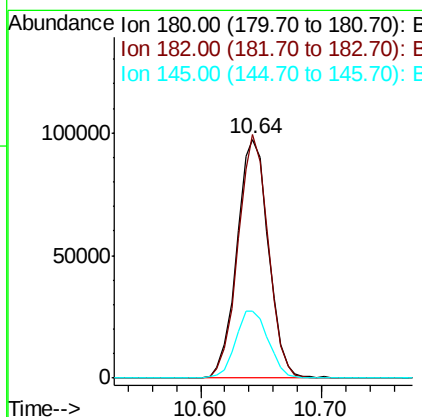
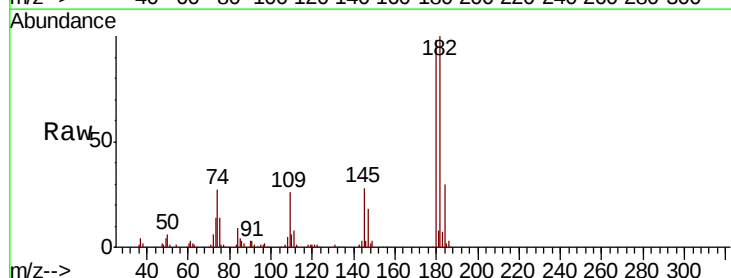
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

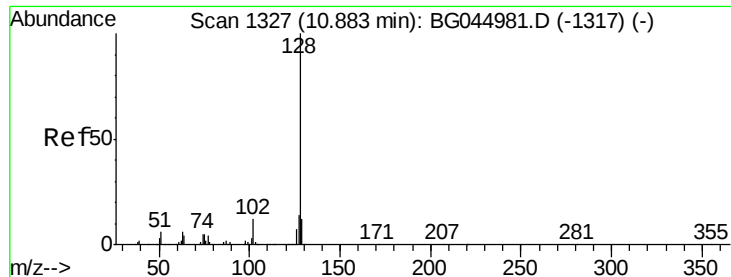
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	45.0	85.0
98	37.0	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 29.413 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.9	73.3	109.9
145	28.1	22.6	33.8





#31

Naphthalene

Concen: 29.964 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

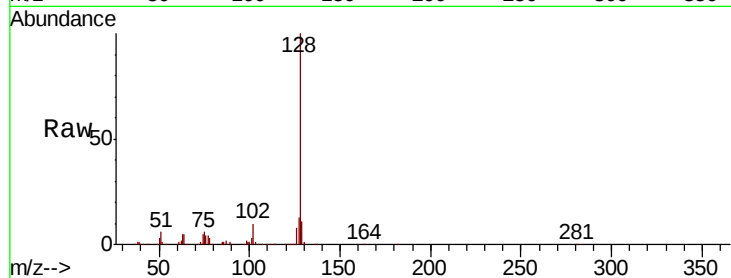
Tot Ion:128 Resp: 492446

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

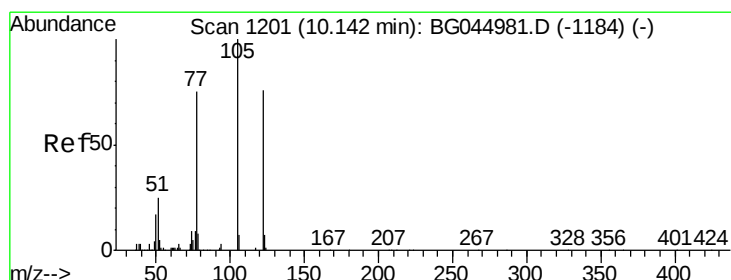
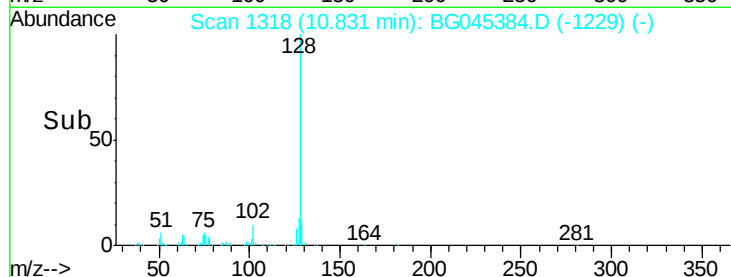
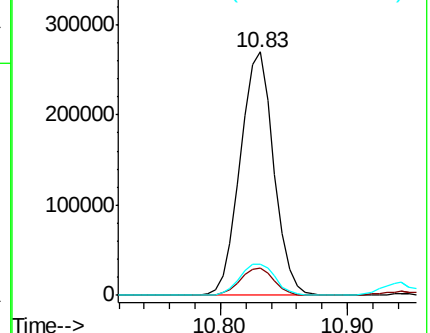
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.964 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

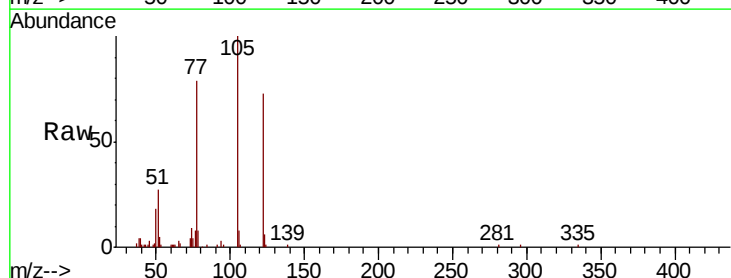
Tgt Ion:122 Resp: 71287

Ion Ratio Lower Upper

122 100

105 136.2 108.4 148.4

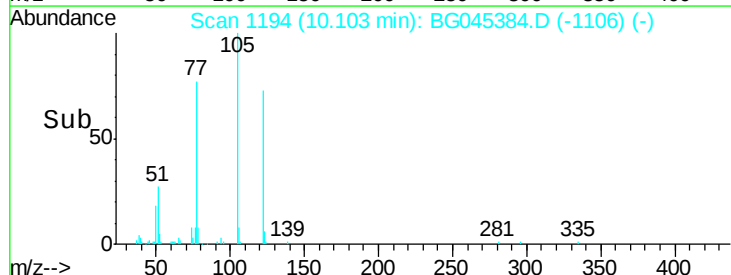
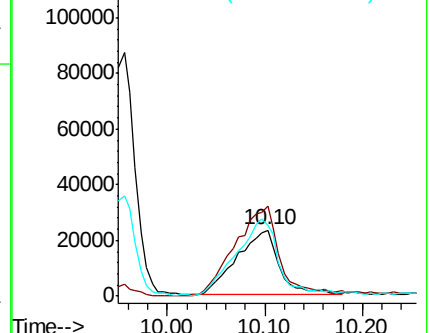
77 107.3 78.8 118.8

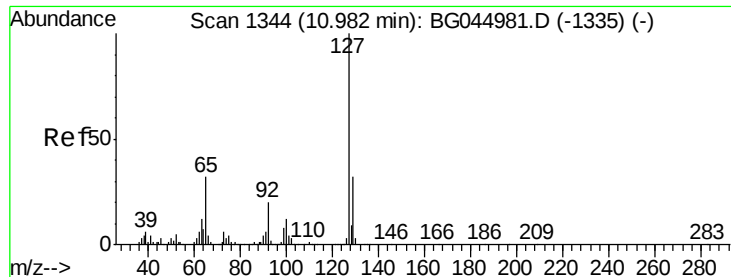


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

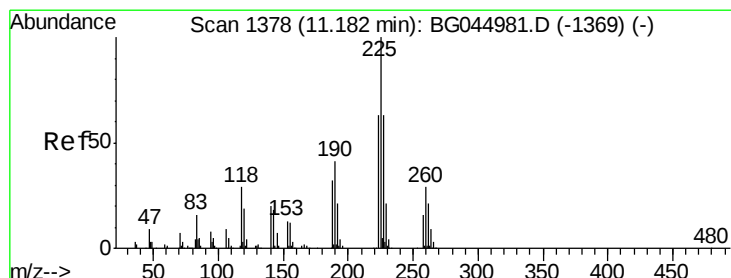
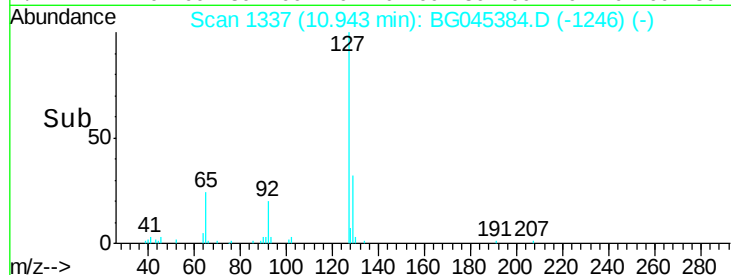
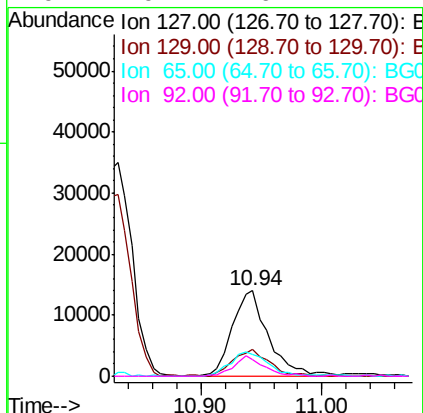
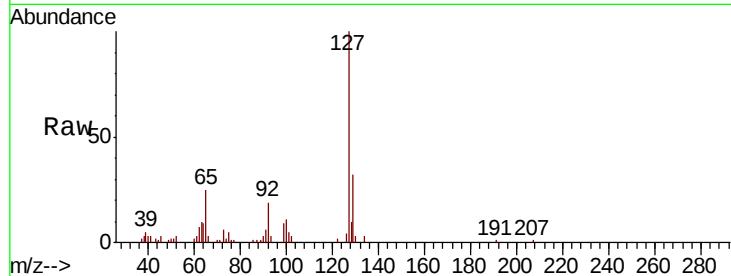




#33
4-Chloroaniline
Concen: 3.819 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

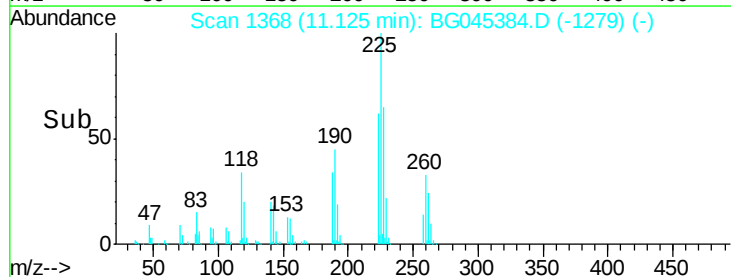
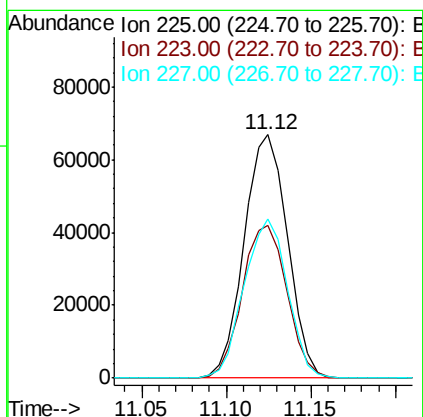
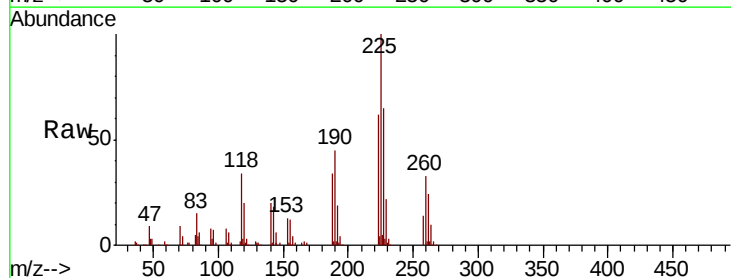
Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

Tot Ion:127	Resp:	29271
Ion Ratio	Lower	Upper
127	100	
129	31.8	25.7 38.5
65	25.0	25.4 38.2
92	19.2	16.1 24.1



#34
Hexachlorobutadiene
Concen: 28.870 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion:225	Resp:	119365
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.7 76.1
227	65.4	50.2 75.2





#35

Caprolactam

Concen: 21.895 ng/mL

RT: 11.69 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

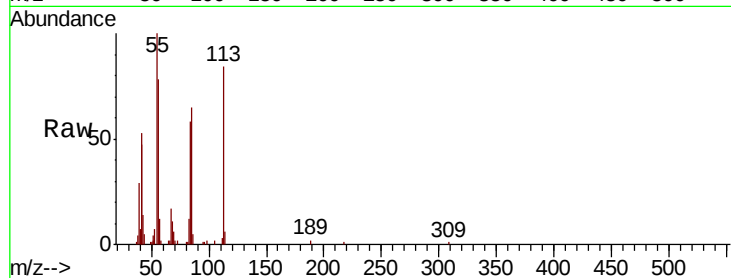
Tot Ion:113 Resp: 46414

Ion Ratio Lower Upper

113 100

55 118.9 118.8 158.8

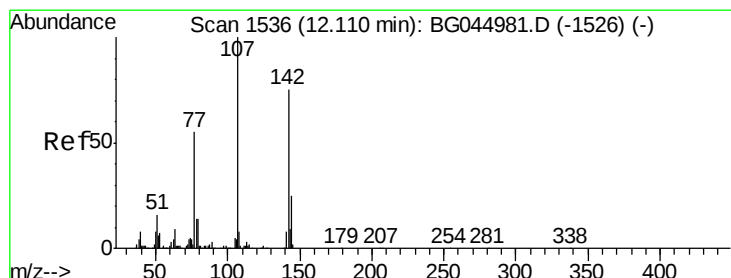
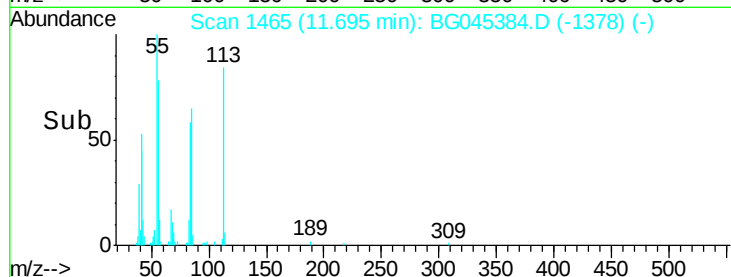
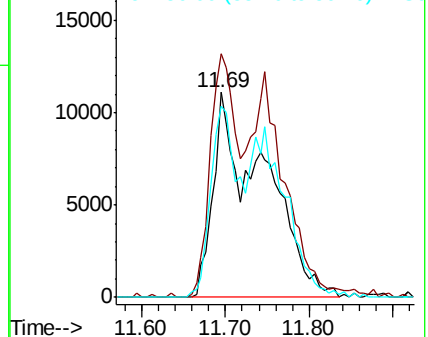
56 93.1 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 32.016 ng/mL

RT: 12.07 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

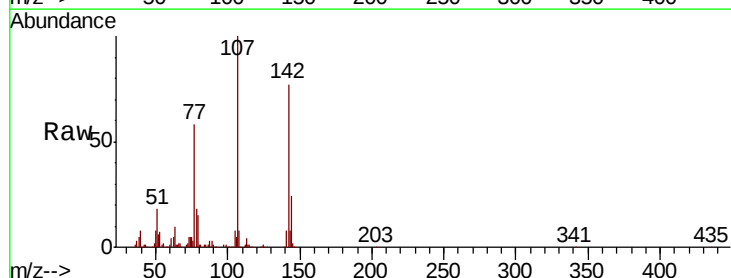
Tgt Ion:107 Resp: 200321

Ion Ratio Lower Upper

107 100

144 24.1 19.8 29.6

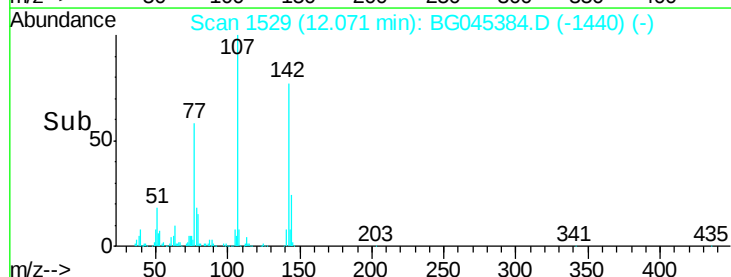
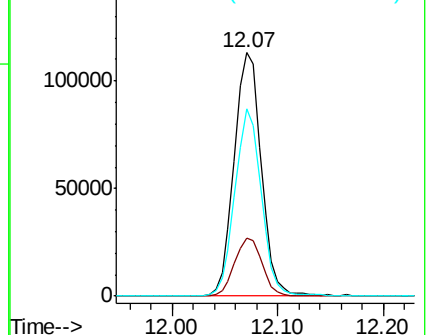
142 77.2 59.7 89.5



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

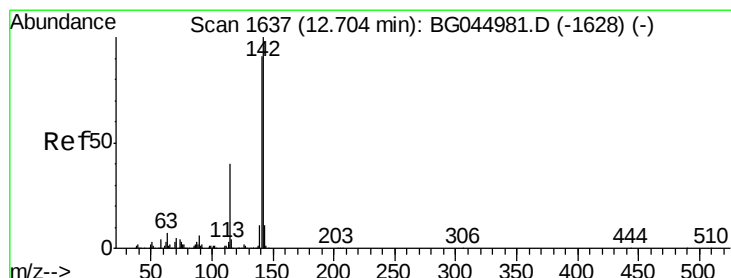
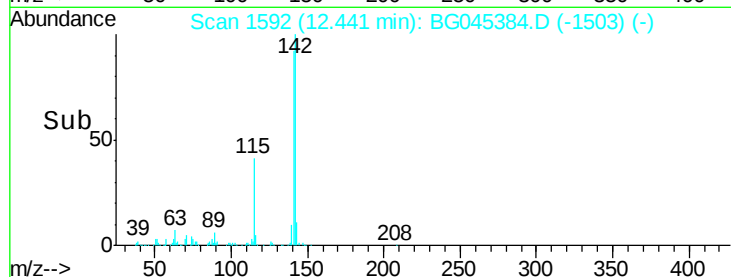
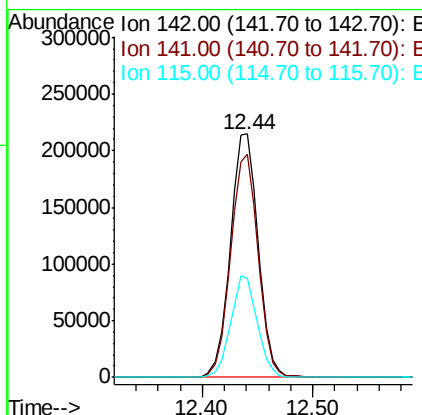
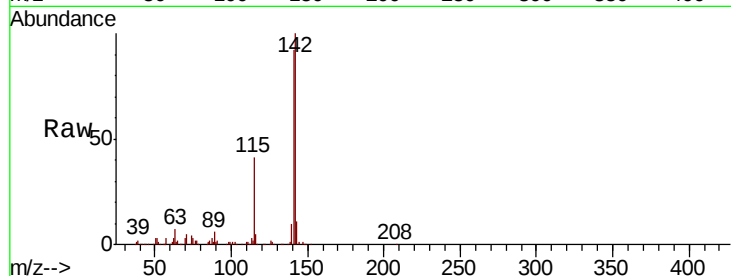




#37
 2-Methylnaphthalene
 Concen: 29.763 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

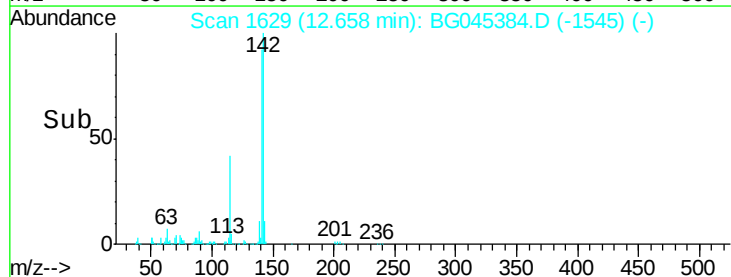
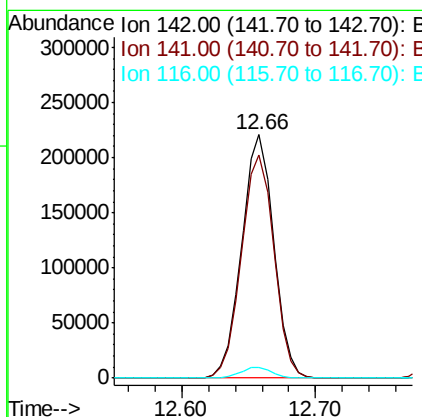
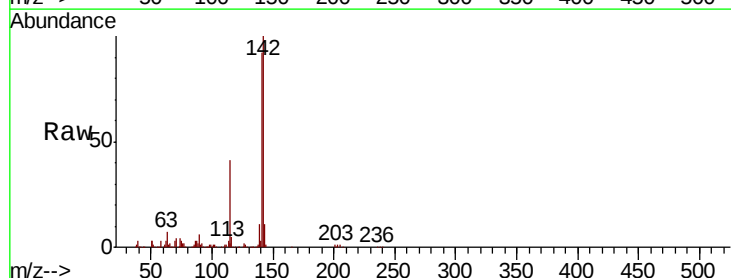
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.3	105.5
115	40.8	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 30.266 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.7	109.1
116	4.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

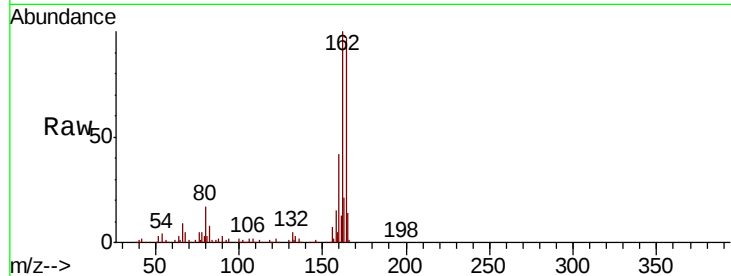
Tot Ion:164 Resp: 223892

Ion Ratio Lower Upper

164 100

162 102.9 78.7 118.1

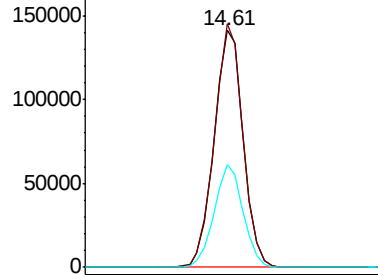
160 43.3 32.8 49.2



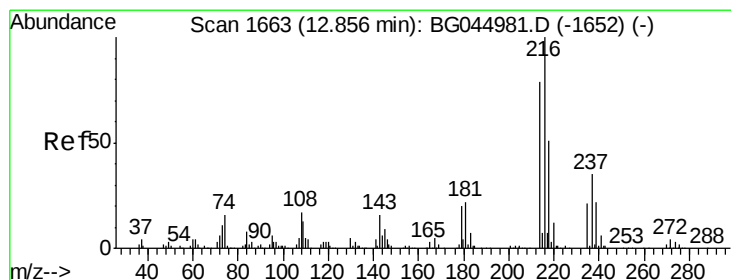
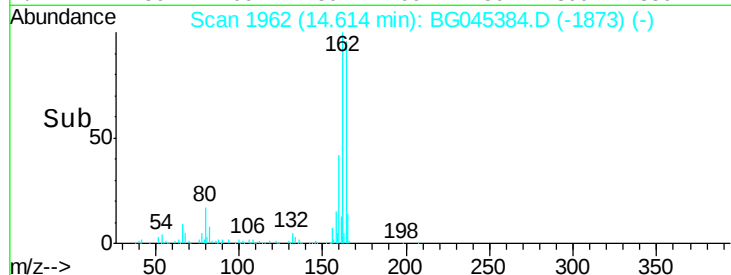
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 29.141 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Tgt Ion:216 Resp: 210070

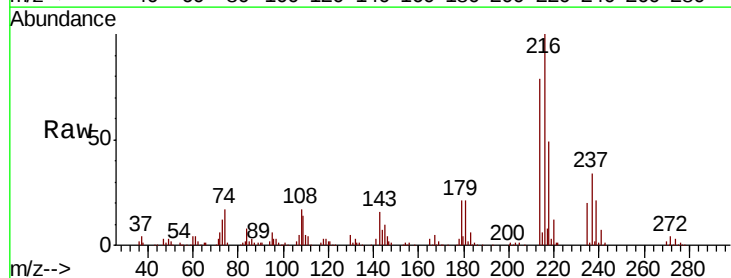
Ion Ratio Lower Upper

216 100

214 80.6 63.0 94.6

179 20.0 15.8 23.8

108 19.3 14.2 21.2

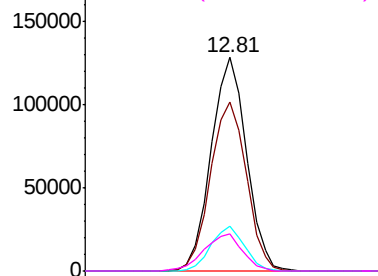


Abundance Ion 216.00 (215.70 to 216.70): E

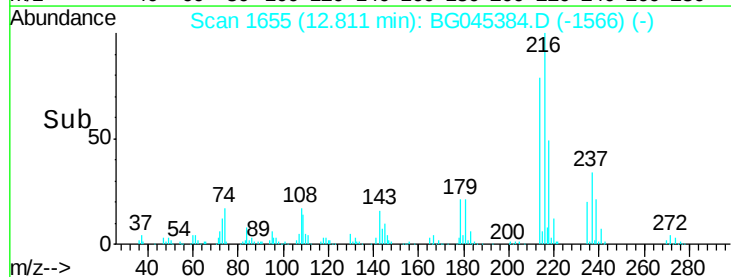
Ion 214.00 (213.70 to 214.70): E

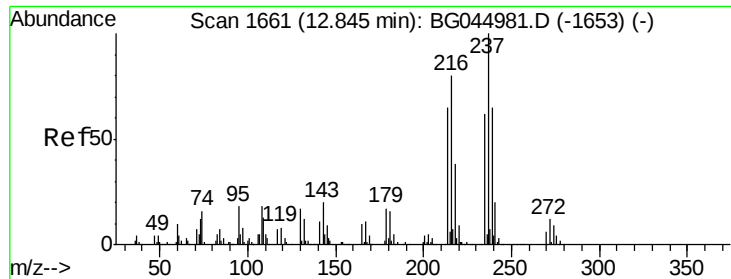
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

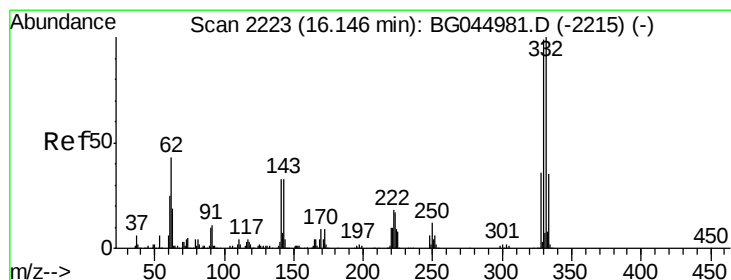
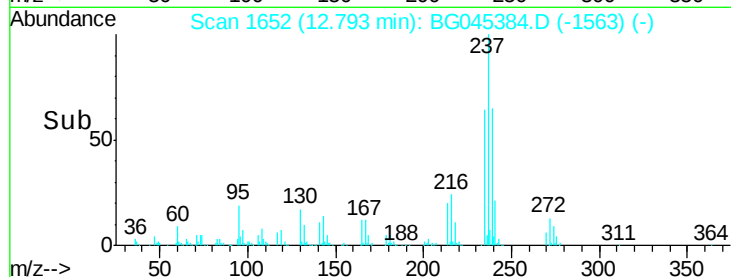
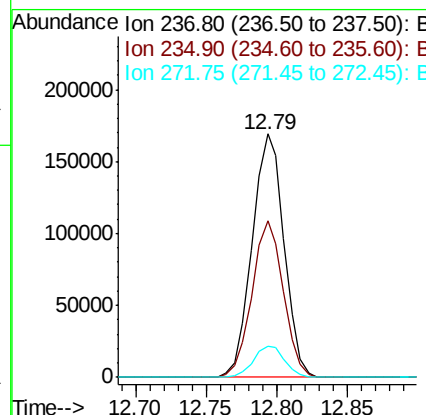
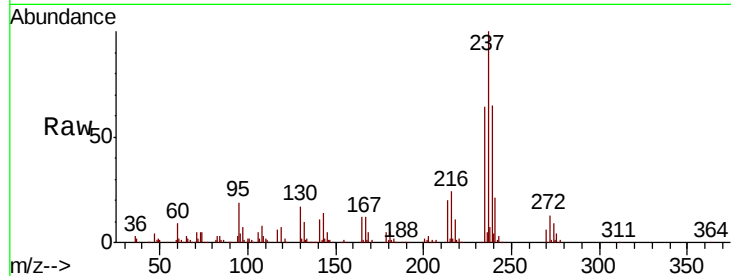




#41
Hexachlorocyclopentadiene
Concen: 59.379 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

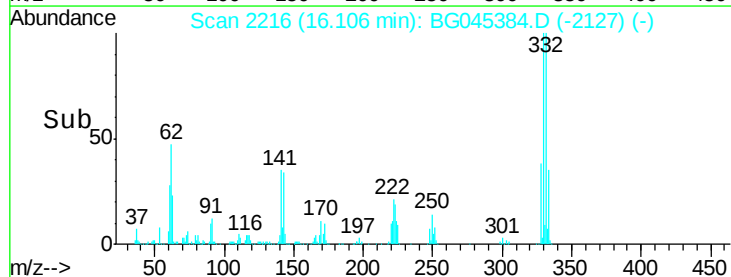
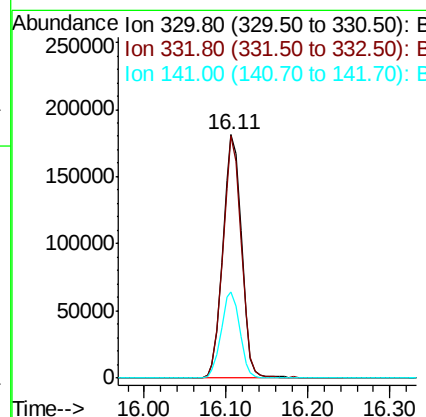
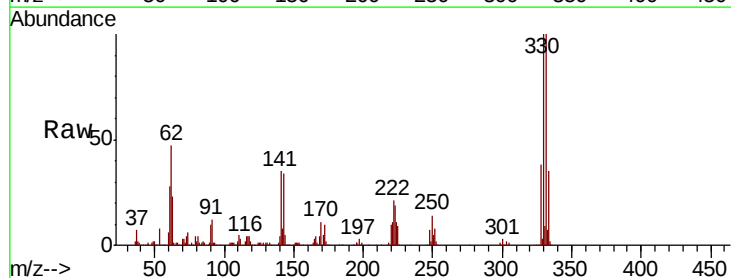
Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.1	41.6	81.6
272	13.0	0.0	32.1



#42
2,4,6-Tribromophenol
Concen: 83.337 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	35.5	27.1	40.7

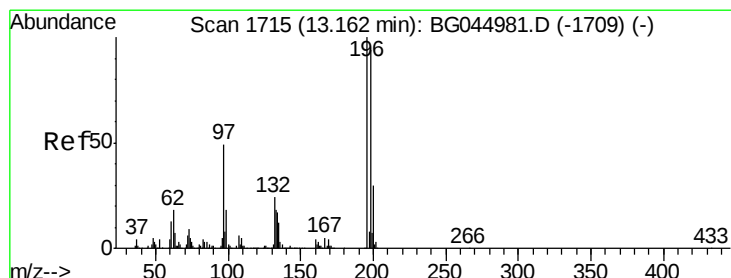
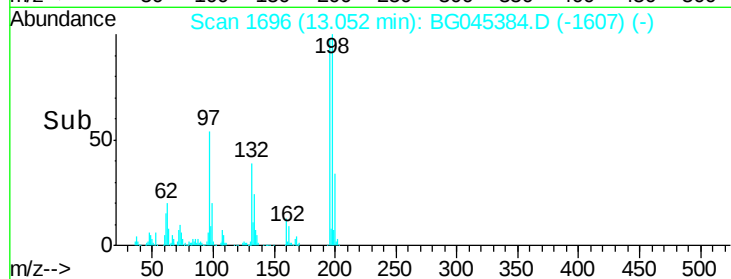
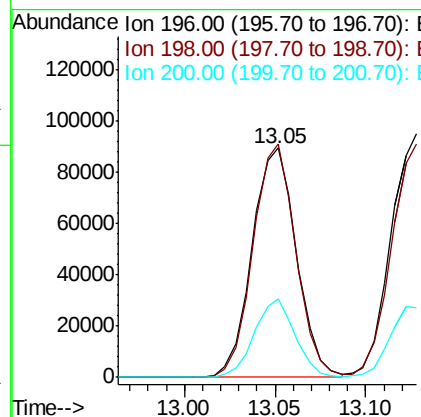
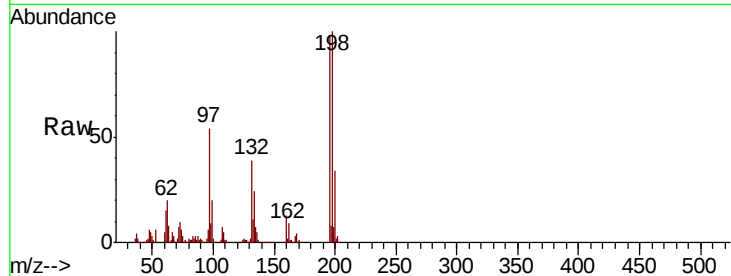




#43
 2,4,6-Trichlorophenol
 Concen: 30.036 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

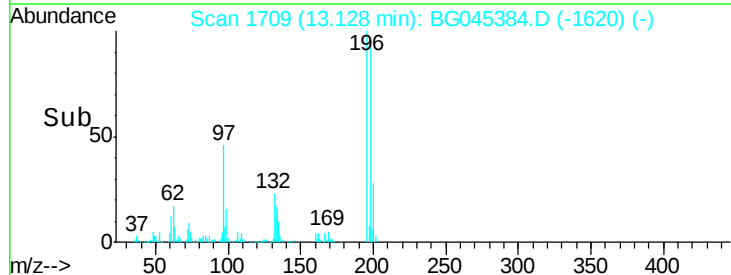
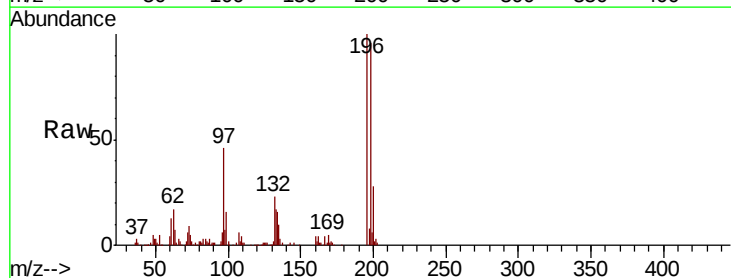
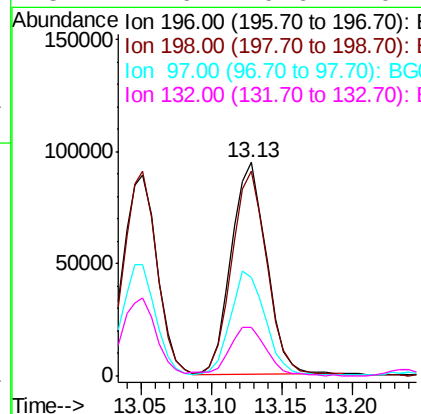
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

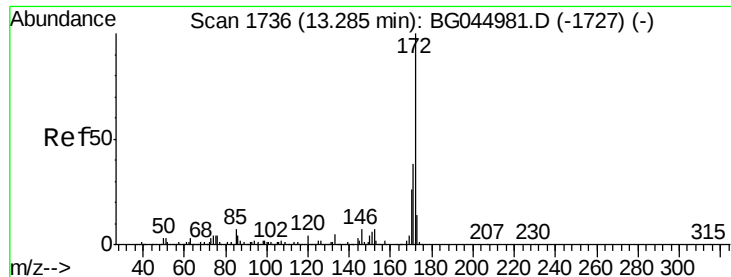
Tot Ion	196	Resp	152815
Ion Ratio	Lower	Upper	
196	100		
198	101.6	72.5	108.7
200	34.3	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 28.546 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Tgt Ion	196	Resp	165312
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.7	113.5
97	46.2	39.6	59.4
132	22.6	19.6	29.4

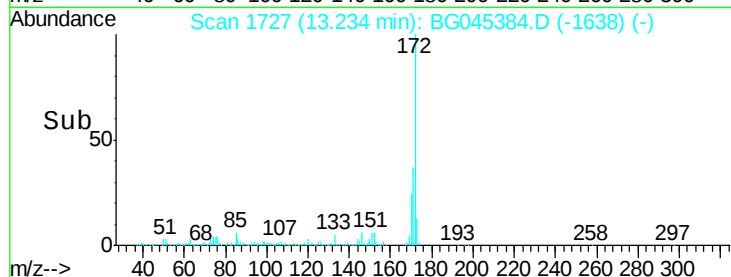
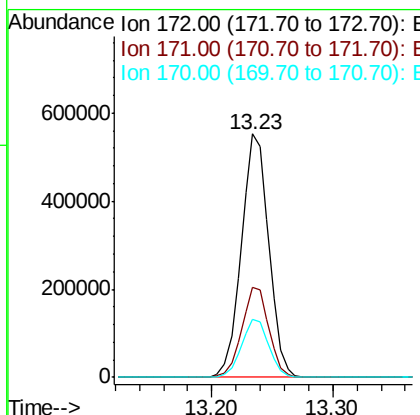
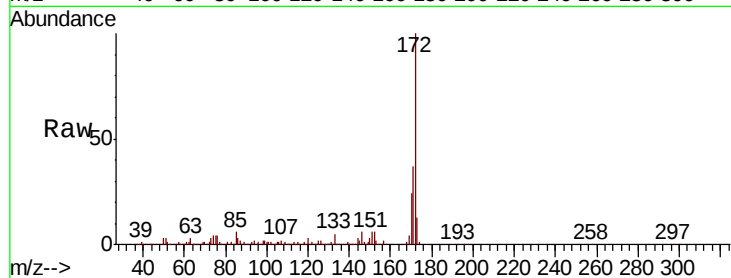




#45
2-Fluorobiphenyl
Concen: 57.324 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

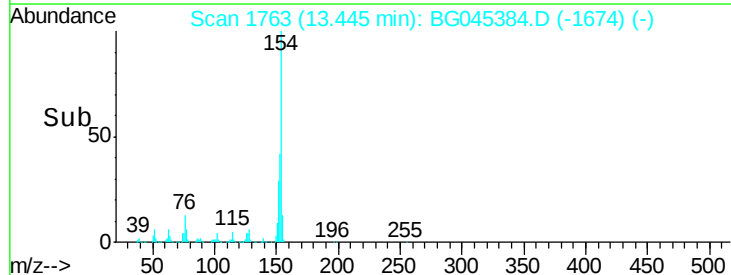
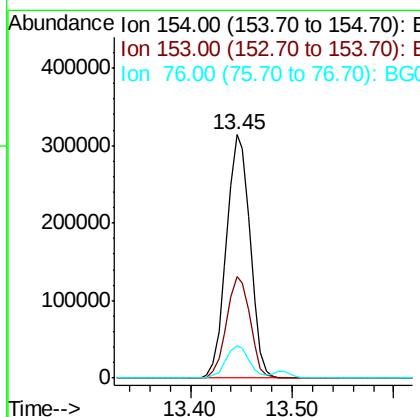
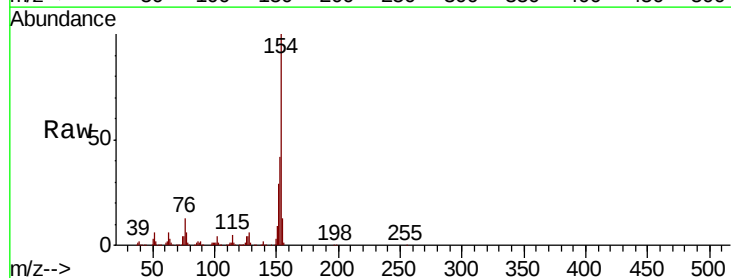
Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

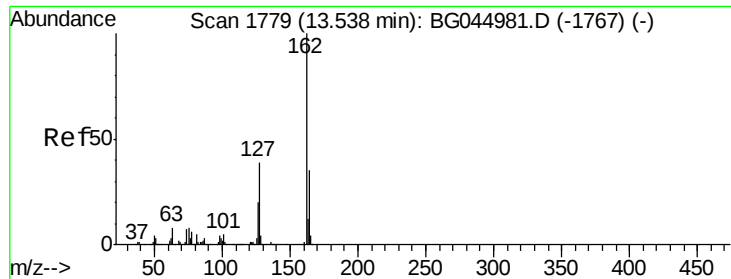
Tot Ion:172 Resp: 875286
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 24.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 29.878 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion:154 Resp: 508437
Ion Ratio Lower Upper
154 100
153 41.7 21.9 61.9
76 13.2 0.0 33.1

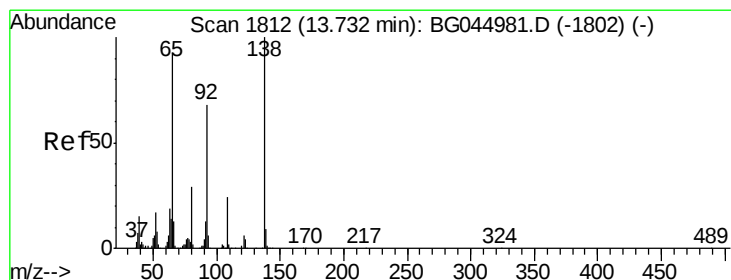
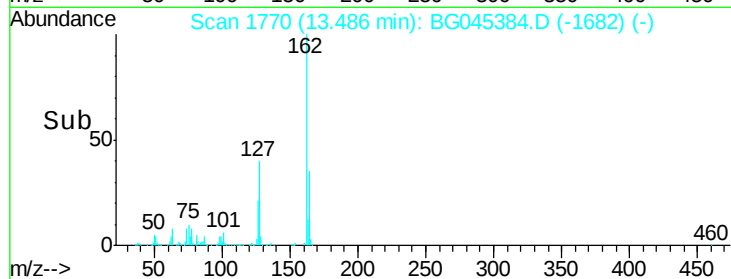
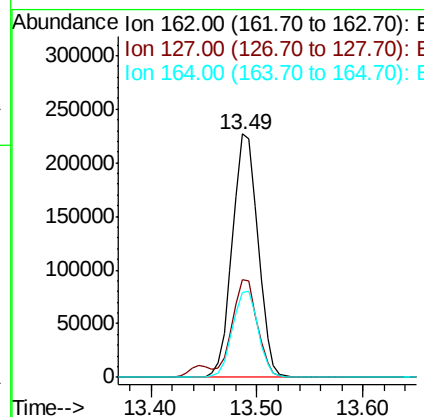
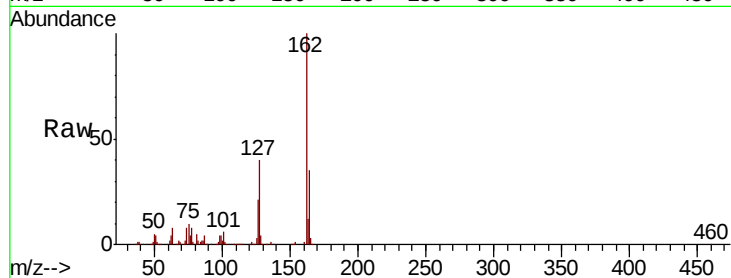




#47
2-Chloronaphthalene
Concen: 29.283 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

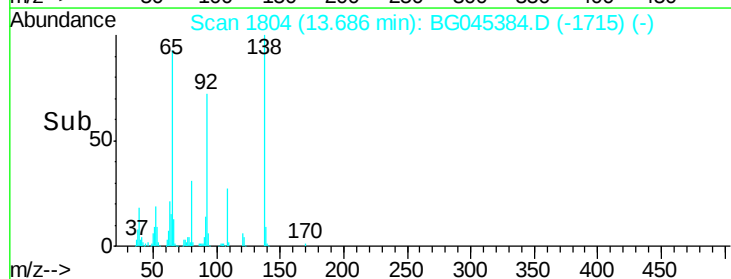
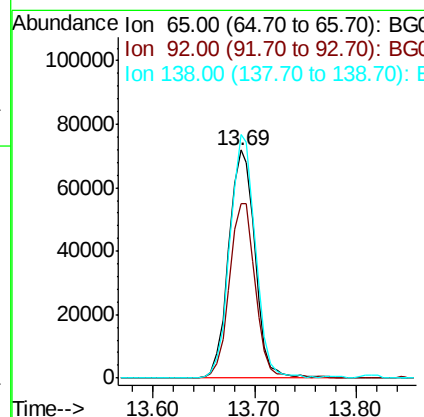
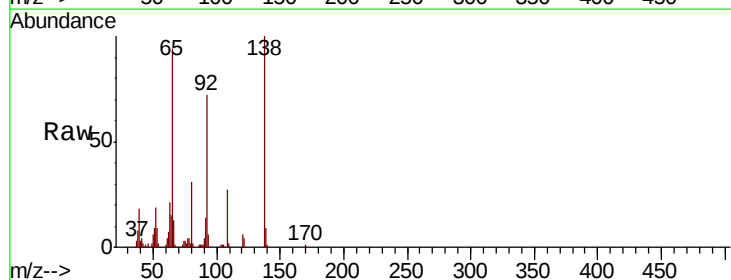
Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.3	46.9
164	35.0	27.8	41.8



#48
2-Nitroaniline
Concen: 30.173 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	58.3	87.5
138	106.8	85.6	128.4





#49

Acenaphthylene

Concen: 30.459 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

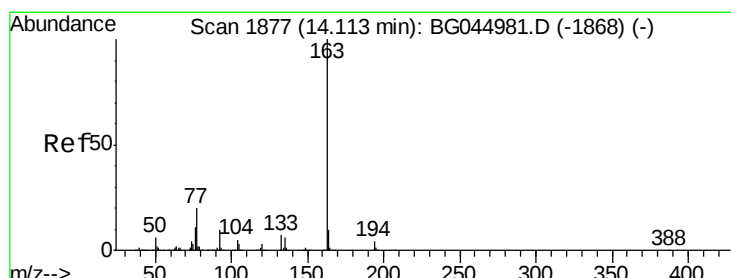
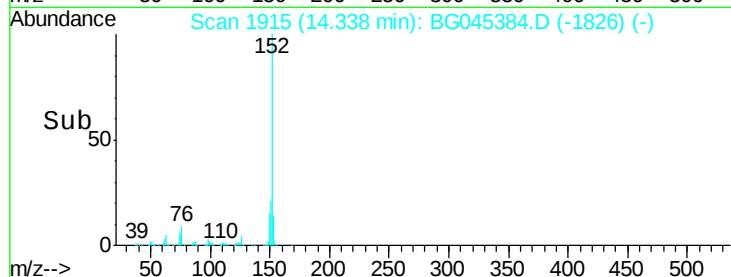
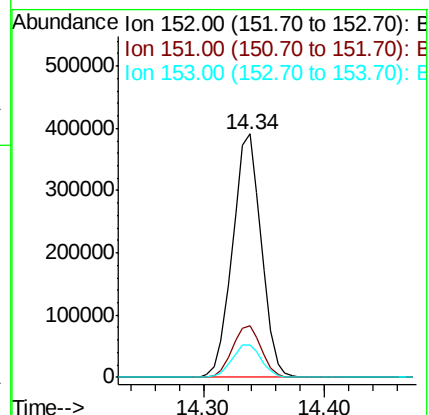
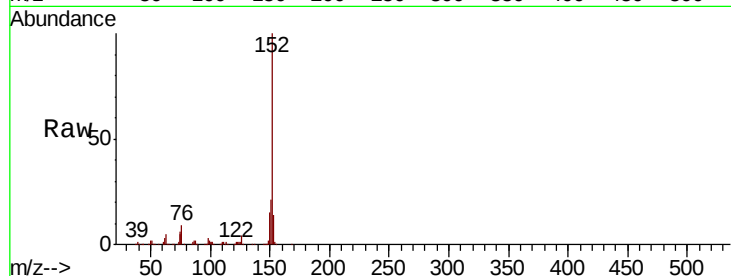
Tot Ion:152 Resp: 645123

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

153 13.5 11.0 16.4



#50

Dimethylphthalate

Concen: 34.338 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

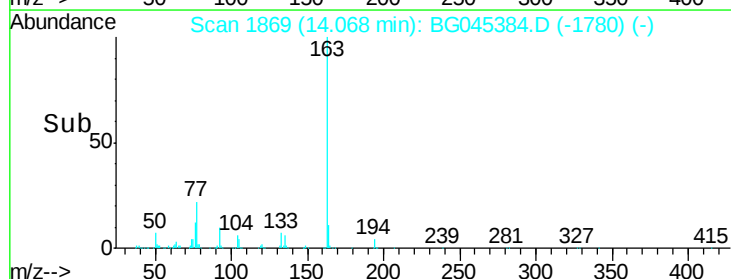
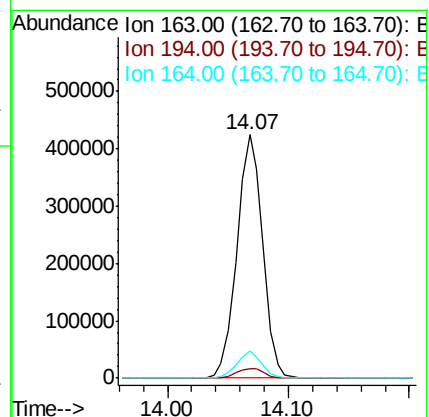
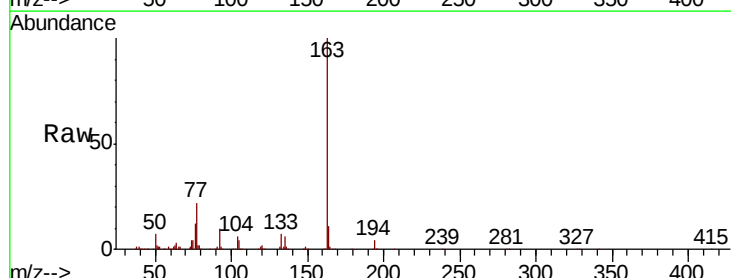
Tgt Ion:163 Resp: 625997

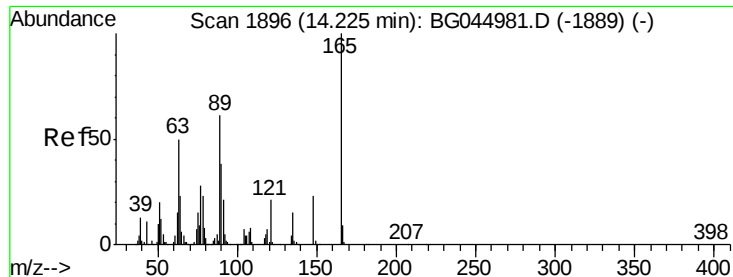
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 11.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 30.212 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

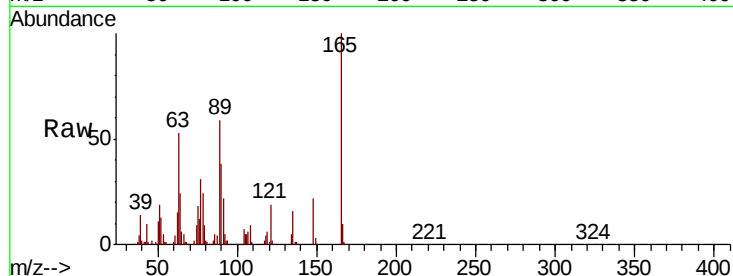
Tot Ion:165 Resp: 123191

Ion Ratio Lower Upper

165 100

63 52.8 40.4 60.6

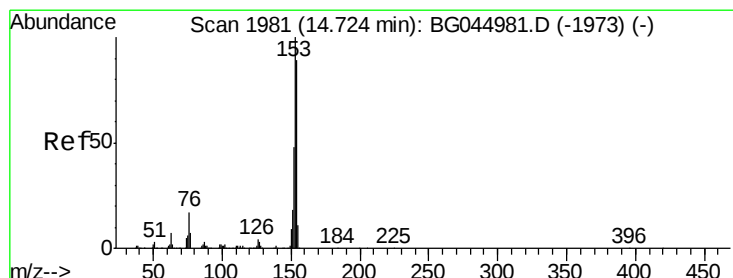
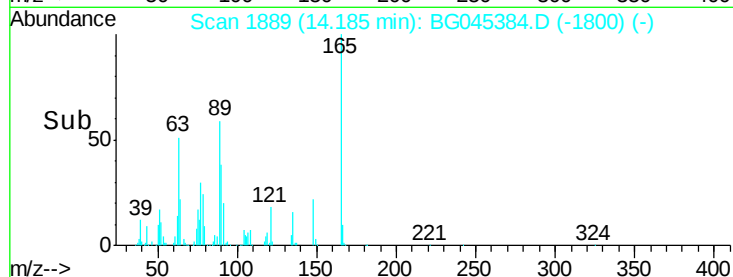
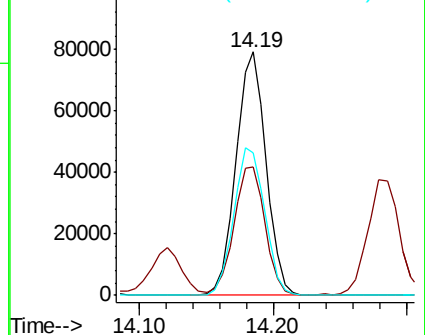
89 58.6 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 33.648 ng m

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

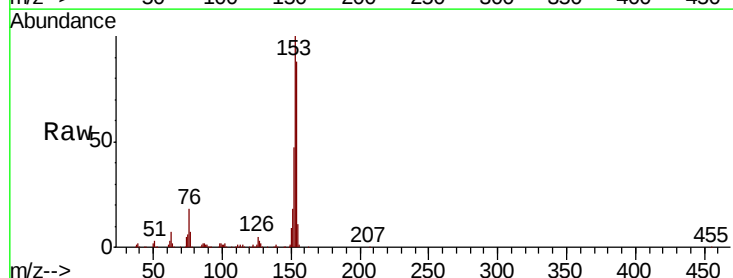
Tgt Ion:154 Resp: 482183

Ion Ratio Lower Upper

154 100

153 113.4 89.7 134.5

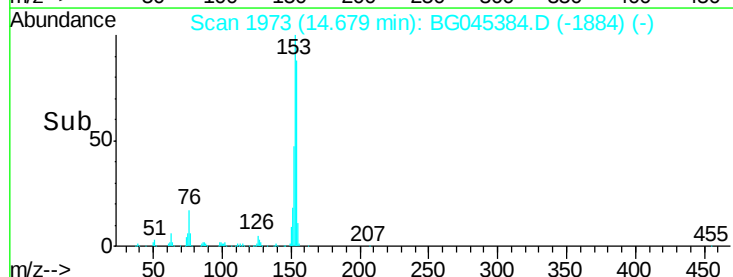
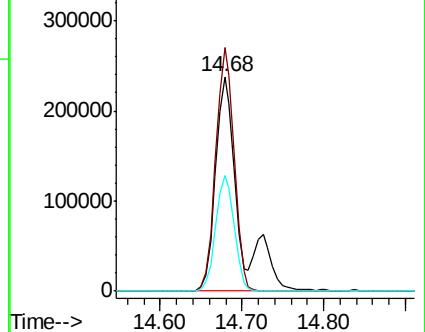
152 53.7 43.1 64.7

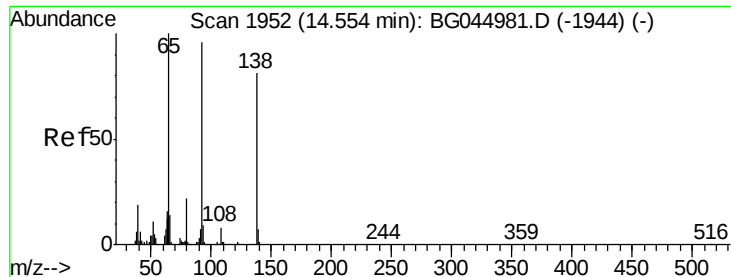


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 10.083 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

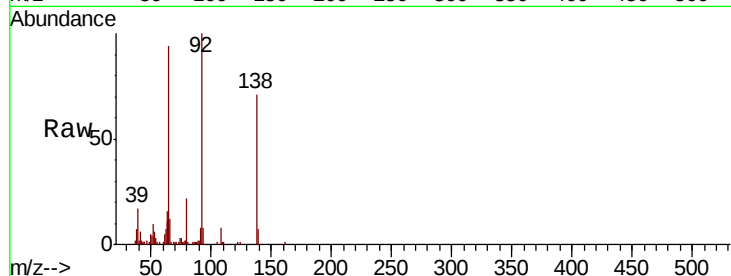
Tot Ion:138 Resp: 45091

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.8

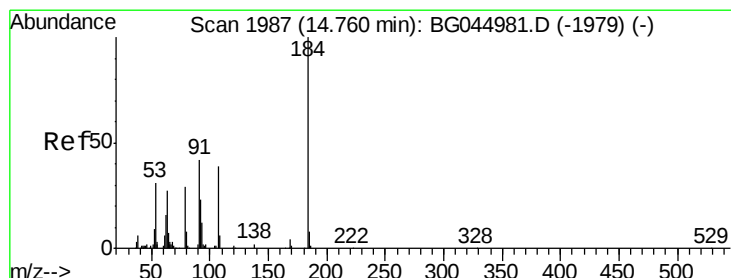
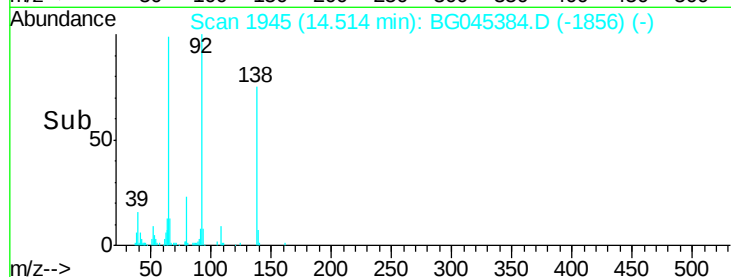
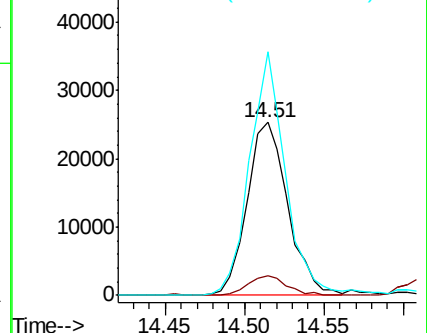
92 140.9 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 61.752 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

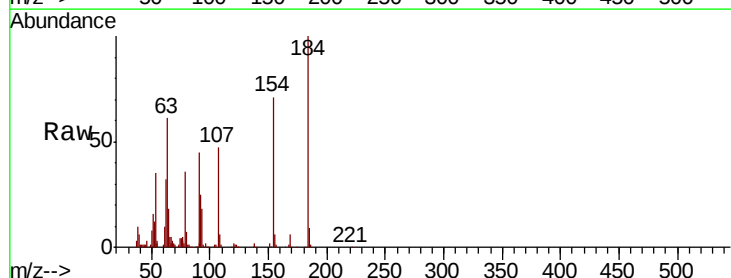
Tgt Ion:184 Resp: 149728

Ion Ratio Lower Upper

184 100

63 60.5 41.5 62.3

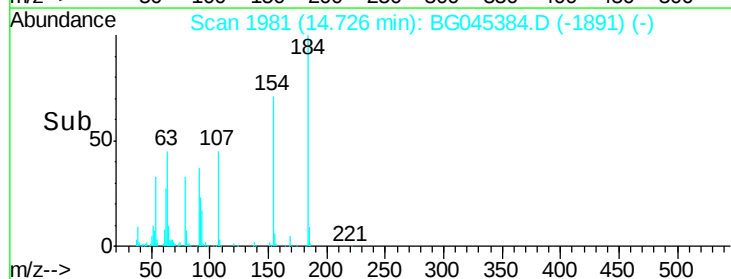
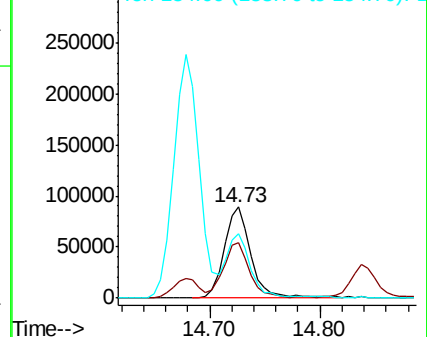
154 71.3 52.3 78.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

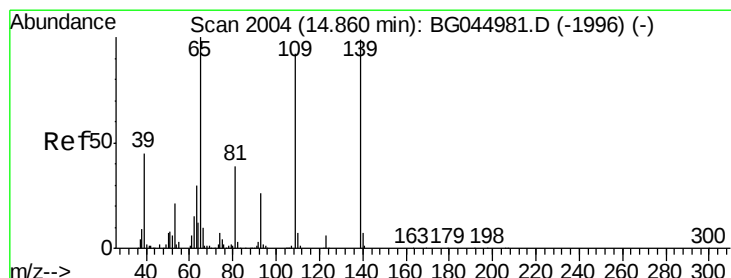
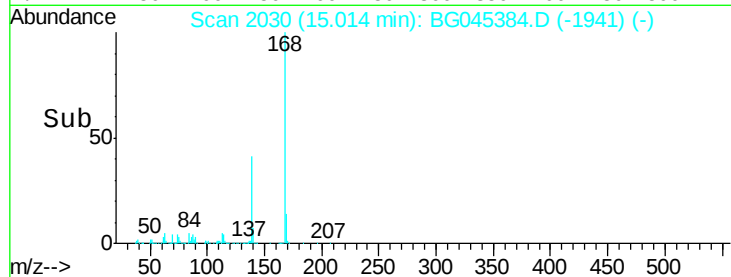
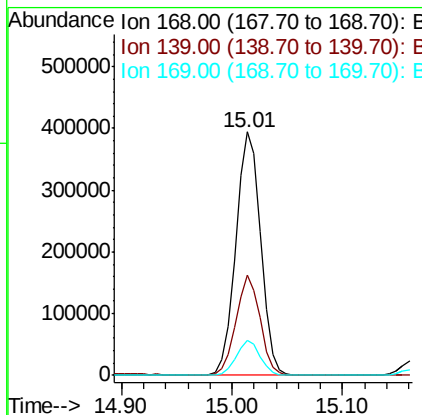
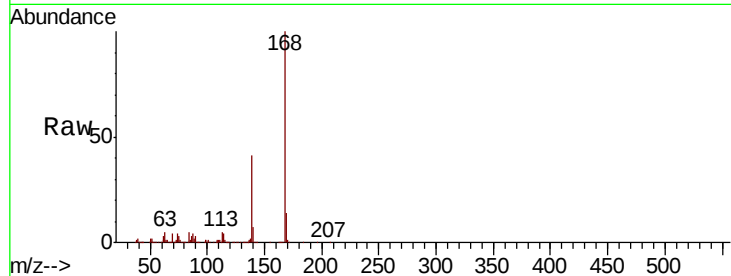




#55
Dibenzofuran
Concen: 29.854 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

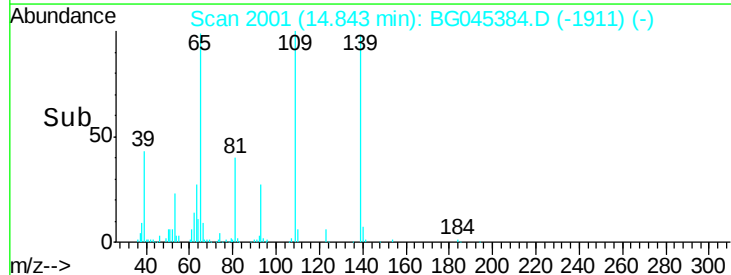
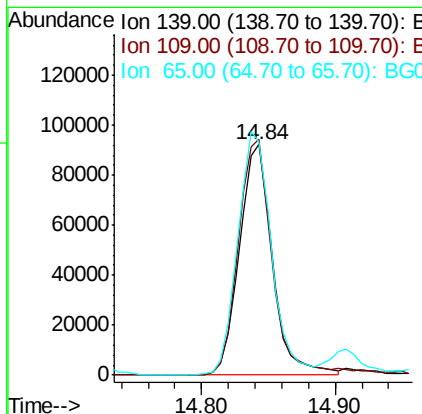
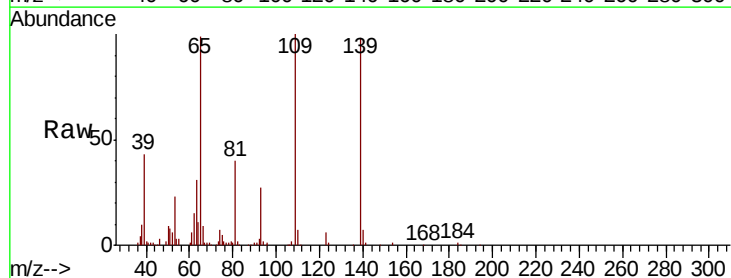
Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

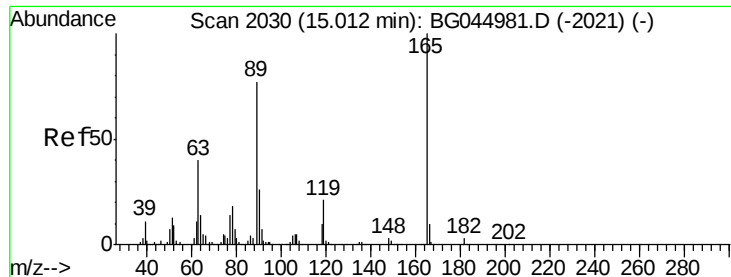
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	30.4	45.6
169	14.3	11.0	16.4



#56
4-Nitrophenol
Concen: 45.605 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.2	73.6	113.6
65	101.3	81.2	121.2

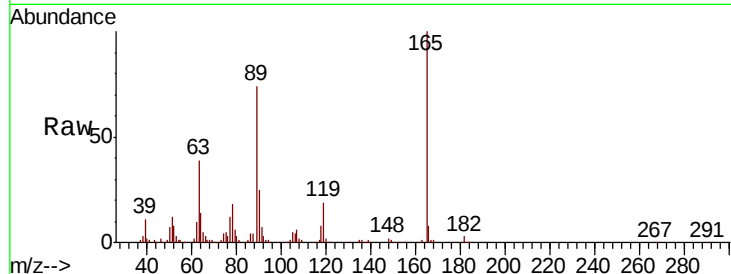




#57
 2,4-Dinitrotoluene
 Concen: 30.057 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

Tot Ion:165	Resp:	179108
Ion	Ratio	Lower Upper
165	100	
63	39.0	32.2 48.2
89	73.6	61.7 92.5
182	2.5	2.0 3.0

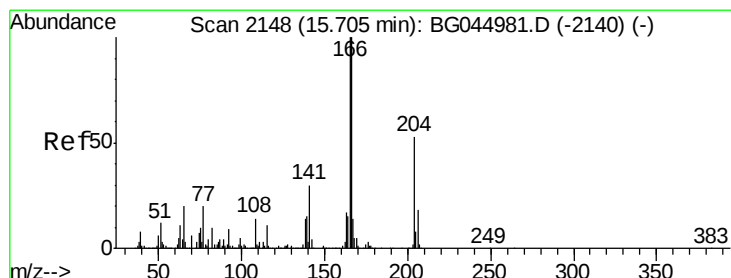
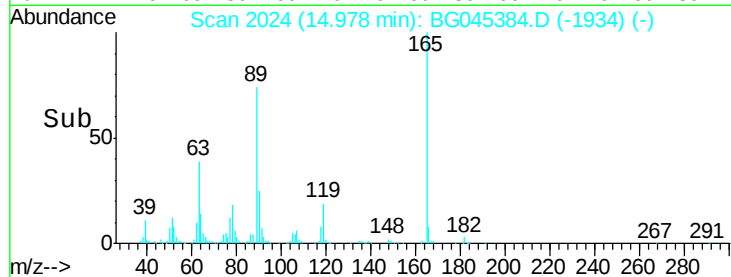
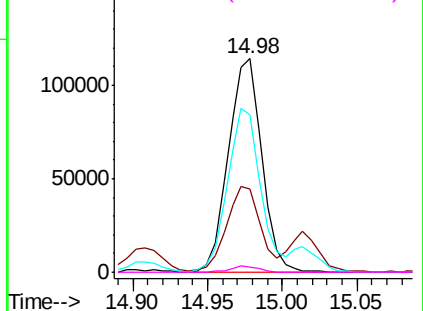


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

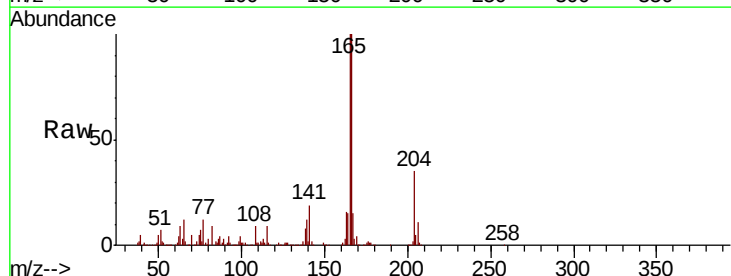
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 30.407 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

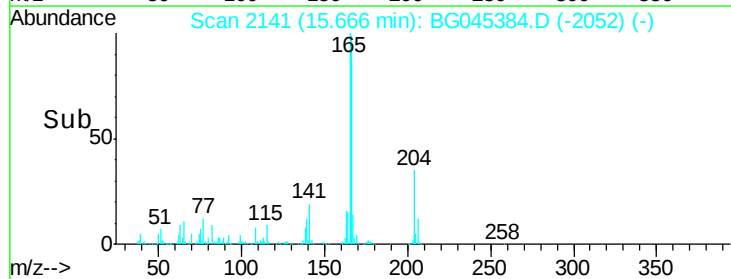
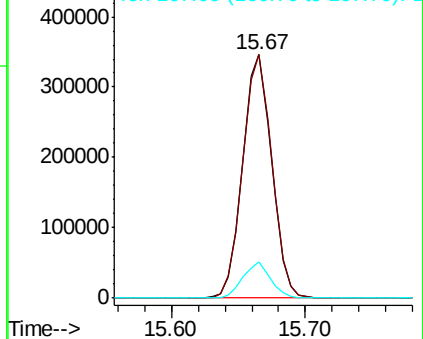
Tgt Ion:166	Resp:	518912
Ion	Ratio	Lower Upper
166	100	
165	100.1	79.9 119.9
167	14.7	11.4 17.0

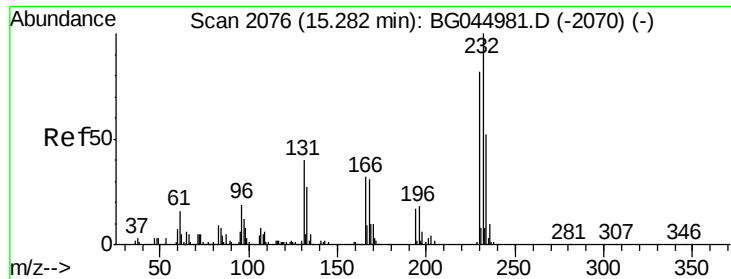


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

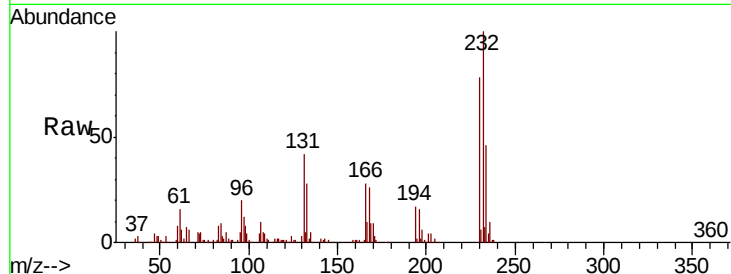




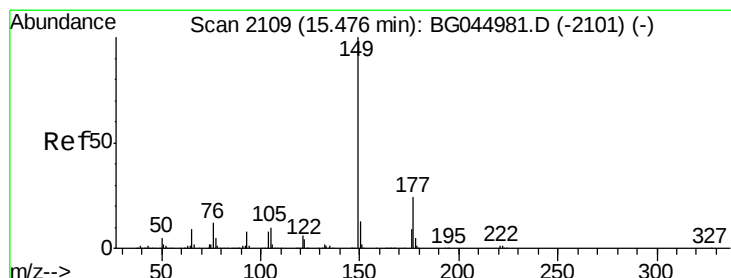
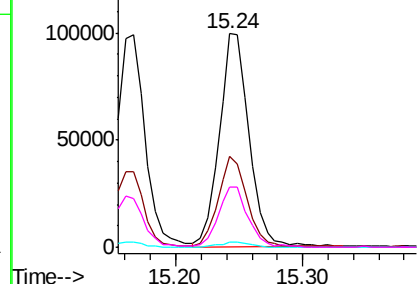
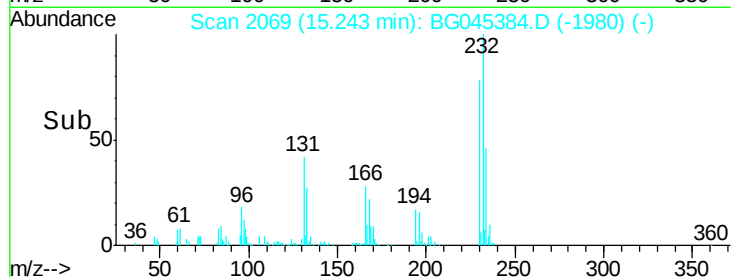
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.409 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

Tot Ion:	232	Resp:	161845
Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.2	48.2
130	2.5	2.2	3.2
166	28.3	24.2	36.4

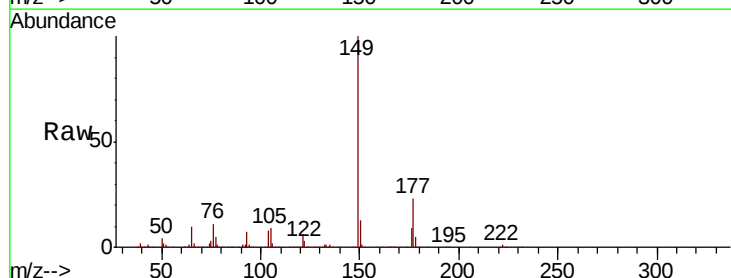


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

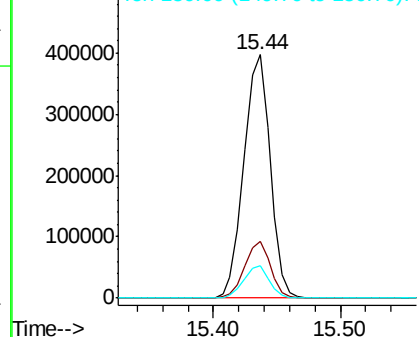
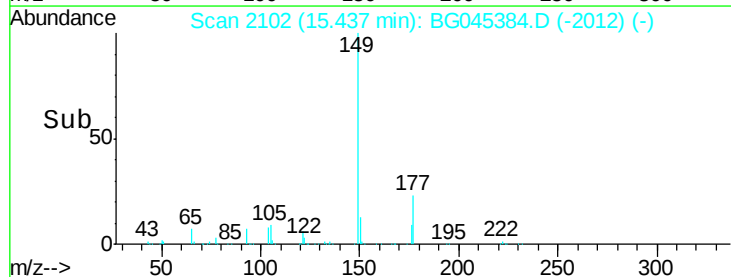


#60
 Diethylphthalate
 Concen: 30.047 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Tgt Ion:	149	Resp:	571105
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.9	28.3
150	13.1	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

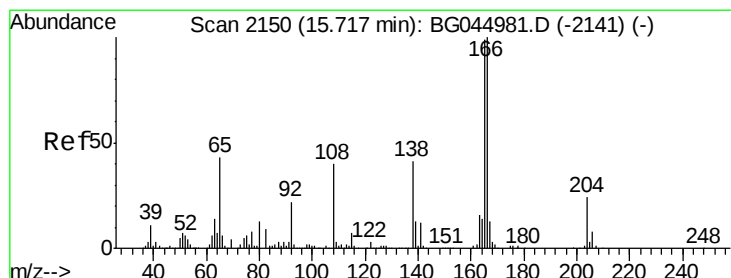
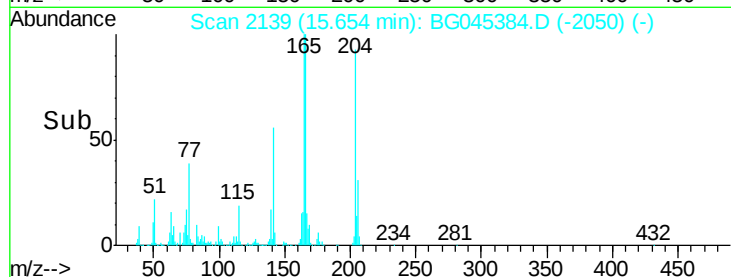
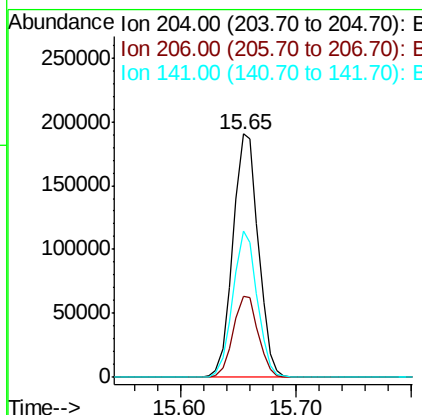
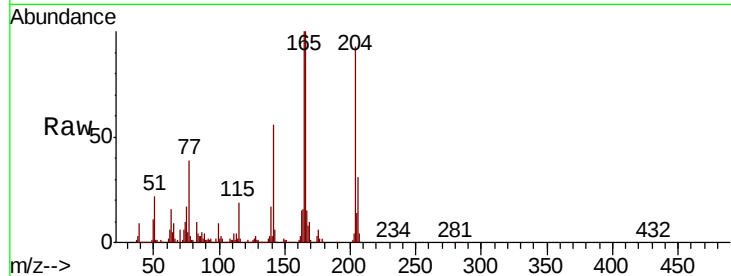




#61
 4-Chlorophenyl-phenylether
 Concen: 29.486 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

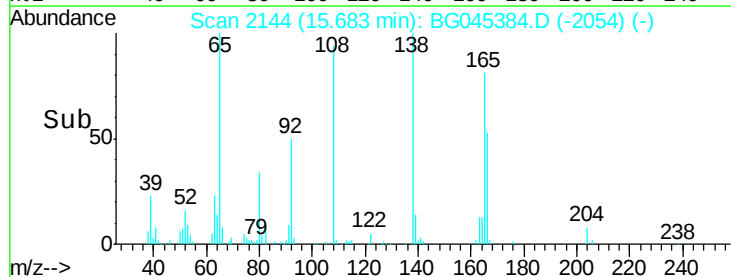
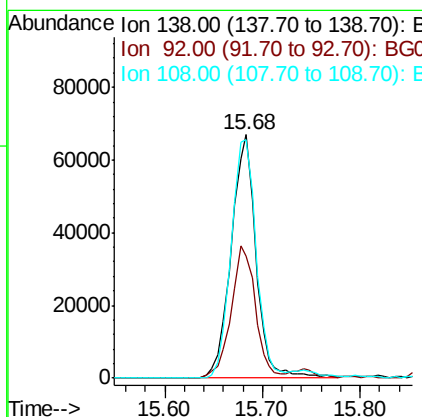
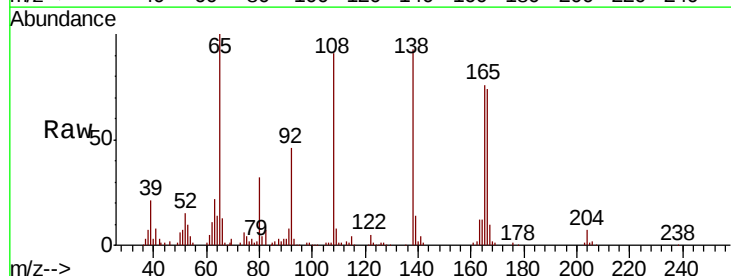
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

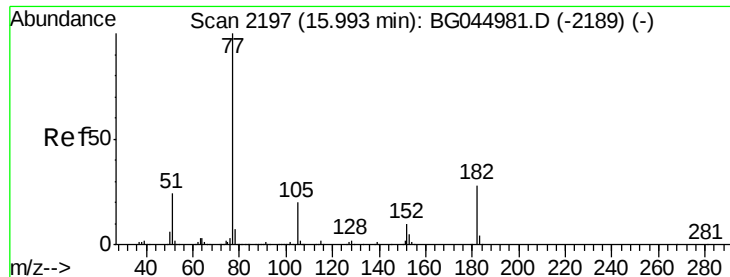
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.9	40.3
141	60.1	46.3	69.5



#62
 4-Nitroaniline
 Concen: 25.623 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	33.6	73.6
108	98.0	78.2	118.2





#63

Azobenzene

Concen: 30.775 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

Tot Ion: 77 Resp: 539285

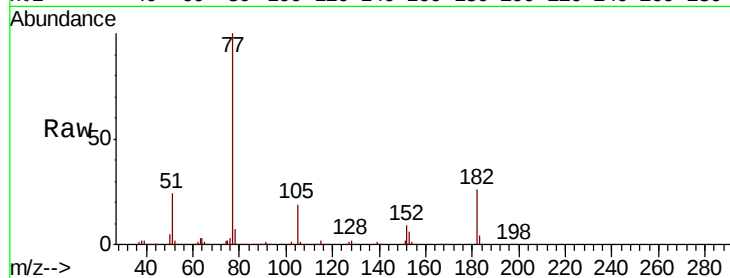
Ion Ratio Lower Upper

77 100

182 26.1 8.4 48.4

105 19.0 0.5 40.5

51 23.8 4.4 44.4

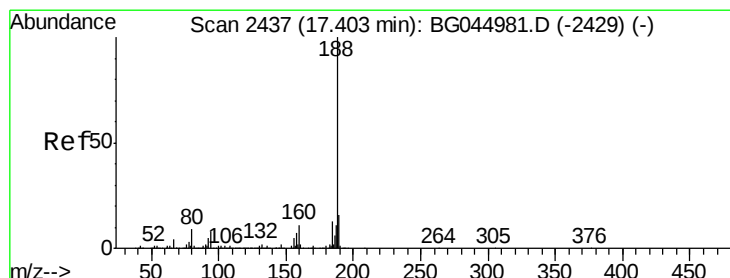
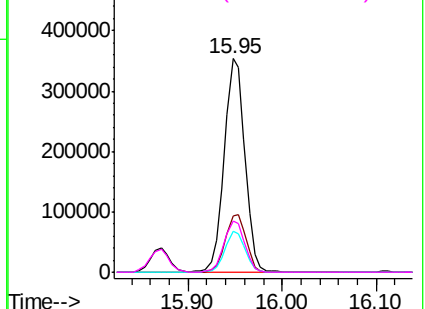
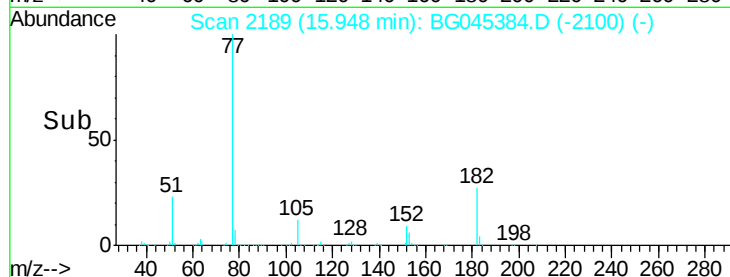


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

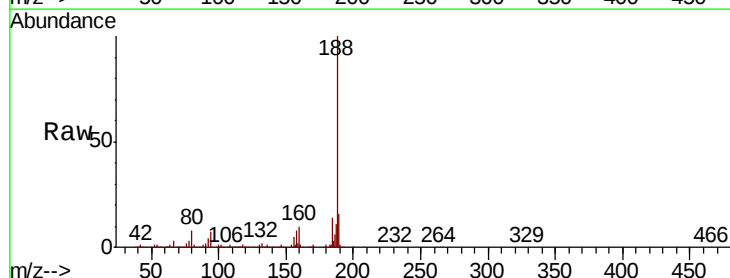
Tgt Ion: 188 Resp: 541436

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

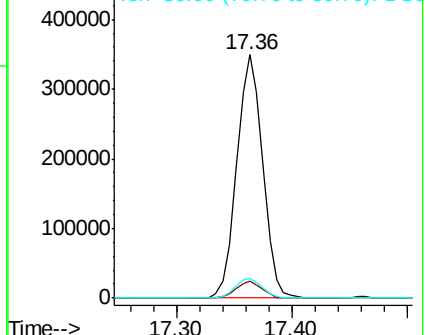
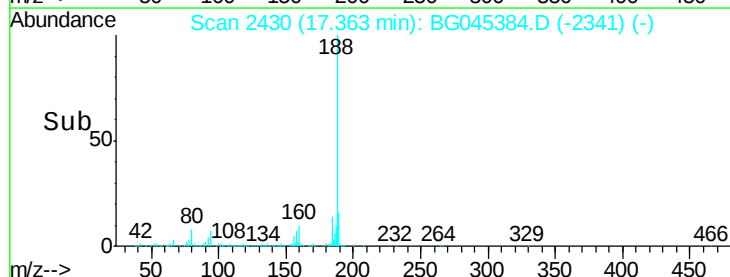
80 8.3 7.0 10.6

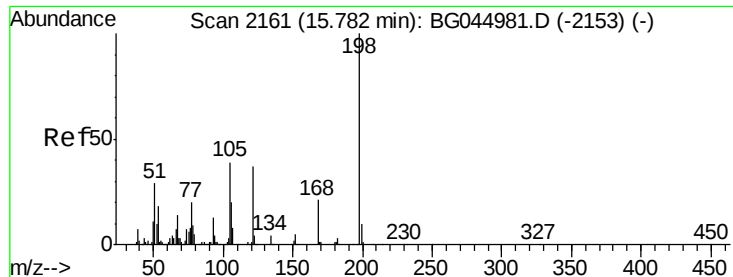


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

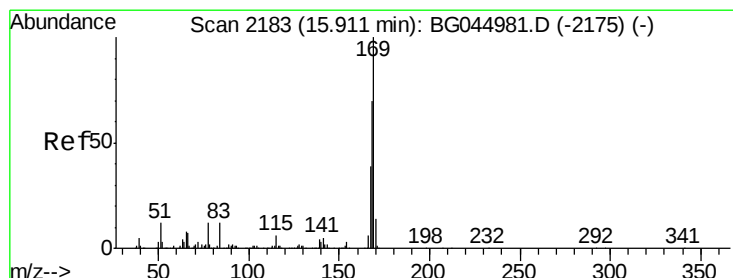
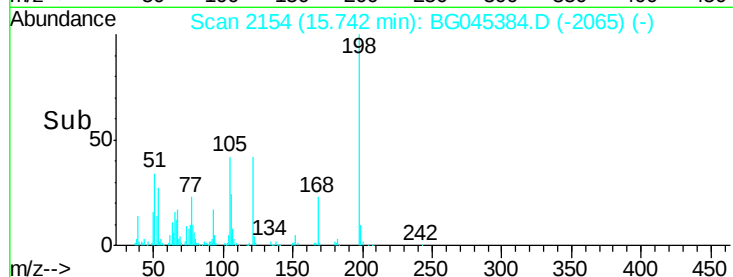
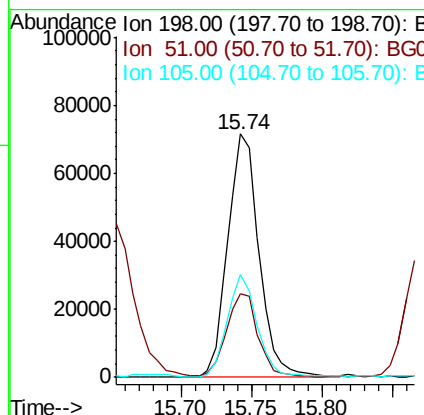
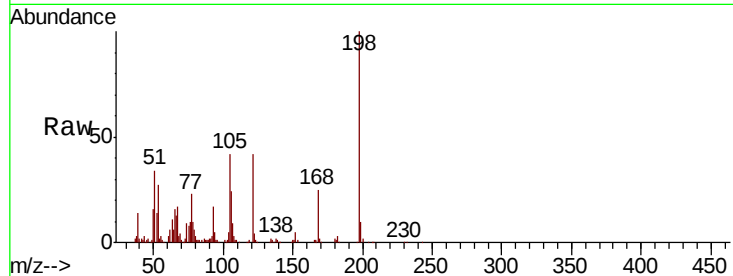




#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.140 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

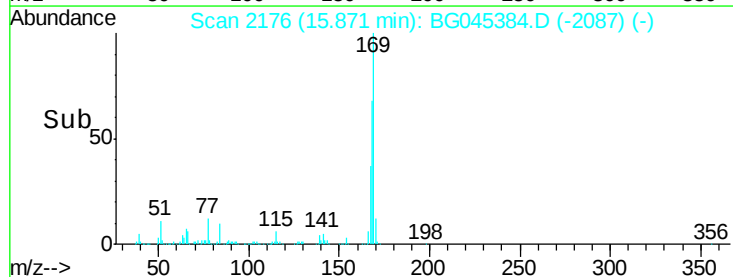
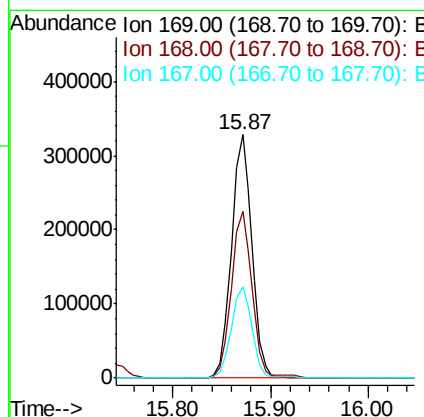
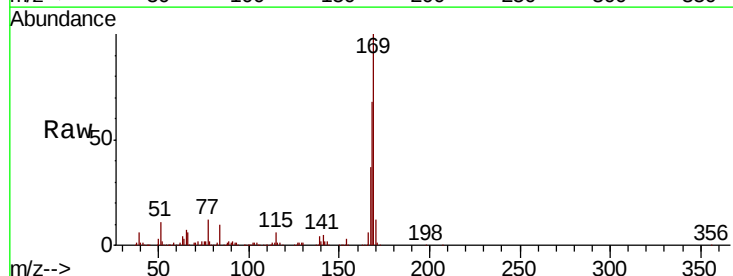
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

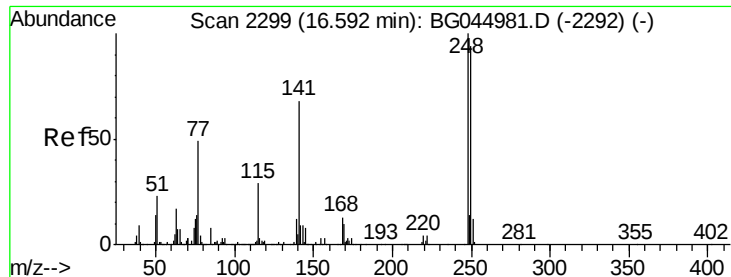
Tot Ion	198	Resp	110824
Ion Ratio	Lower	Upper	
198	100		
51	34.1	10.0	50.0
105	42.1	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 30.493 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Tgt Ion	169	Resp	474369
Ion Ratio	Lower	Upper	
169	100		
168	68.3	55.8	83.8
167	37.5	30.8	46.2





#67

4-Bromophenyl-phenylether

Concen: 29.036 ng

RT: 16.55 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

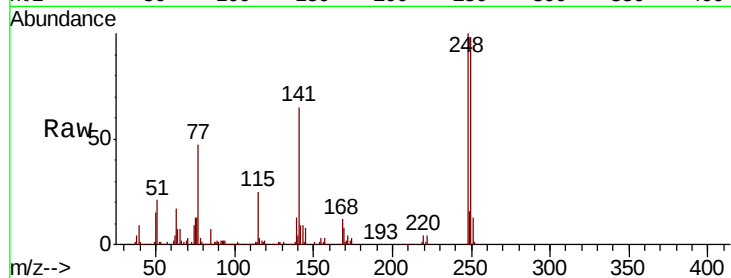
Tot Ion:248 Resp: 202817

Ion Ratio Lower Upper

248 100

250 98.1 75.4 113.2

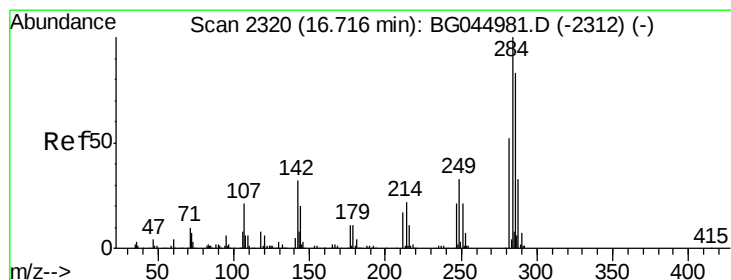
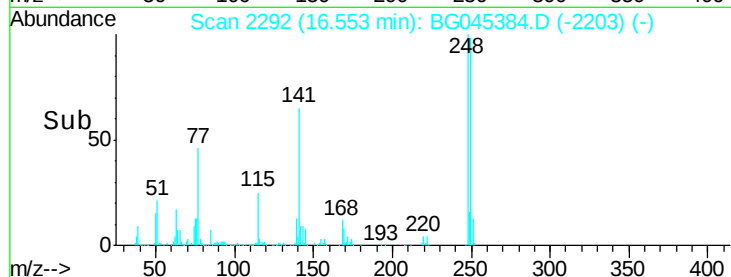
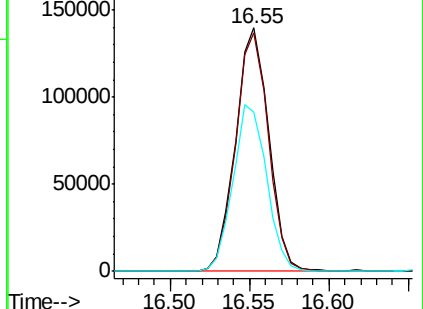
141 65.2 54.4 81.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 30.087 ng

RT: 16.68 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

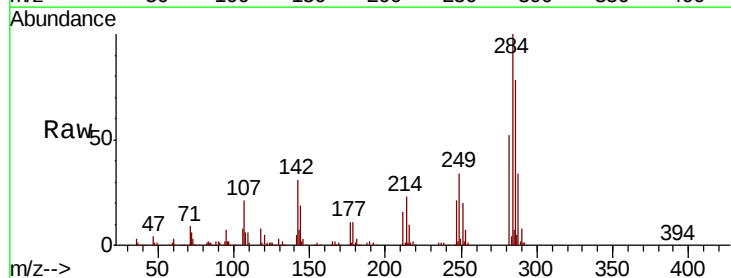
Tgt Ion:284 Resp: 217954

Ion Ratio Lower Upper

284 100

142 31.3 25.8 38.6

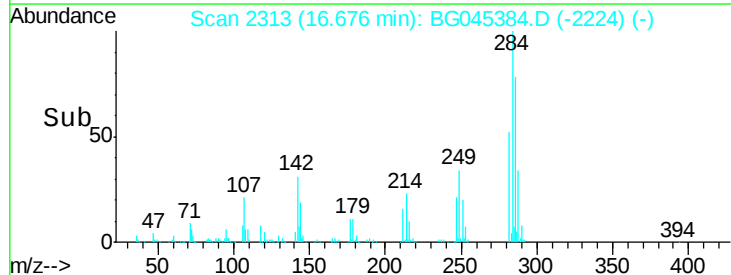
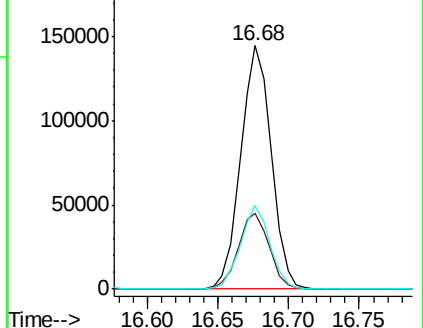
249 34.3 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 30.159 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

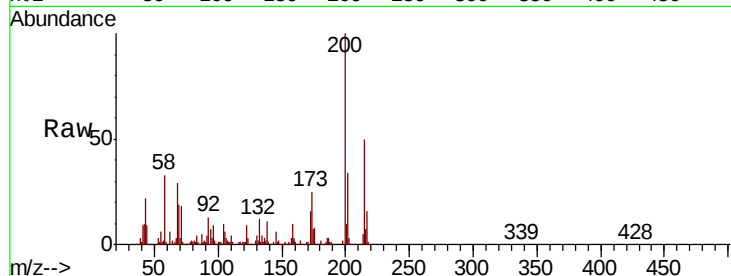
Tot Ion:200 Resp: 180066

Ion Ratio Lower Upper

200 100

173 25.1 4.5 44.5

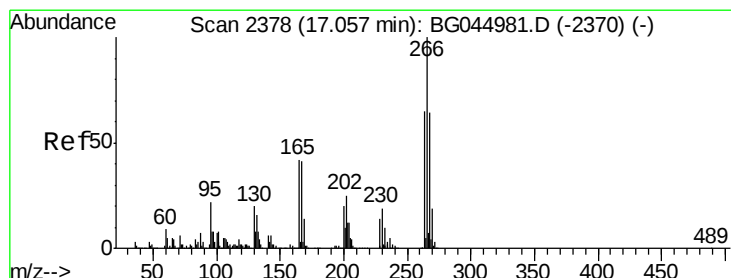
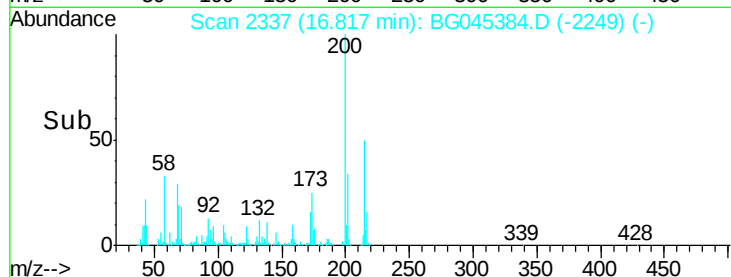
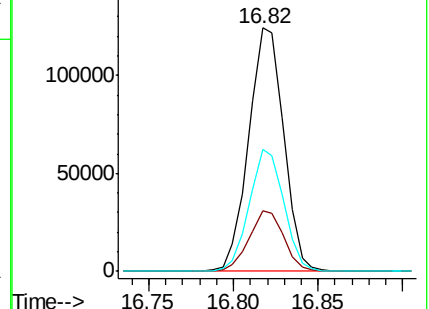
215 50.0 30.0 70.0



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: 55.063 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

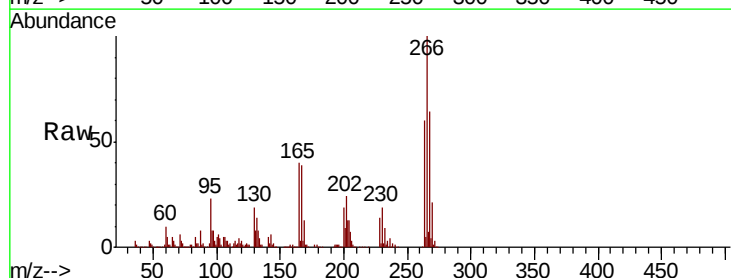
Tgt Ion:266 Resp: 244703

Ion Ratio Lower Upper

266 100

268 63.5 51.5 77.3

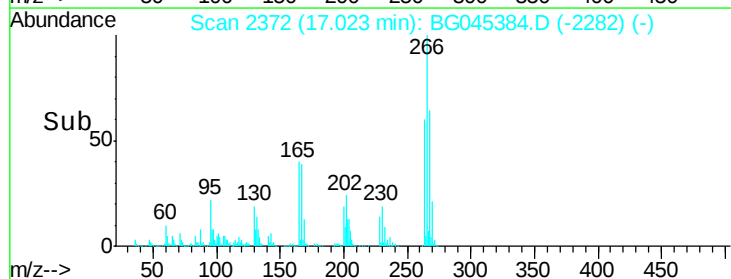
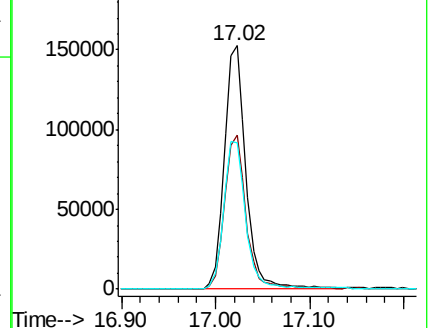
264 60.2 52.2 78.4



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

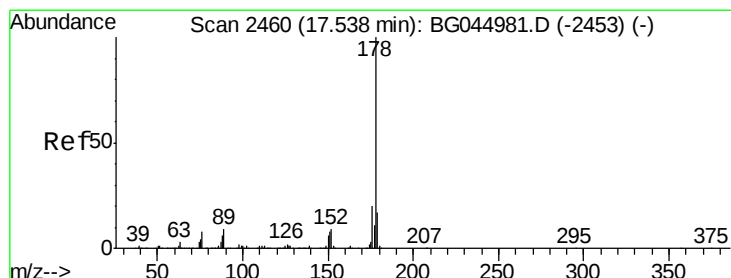
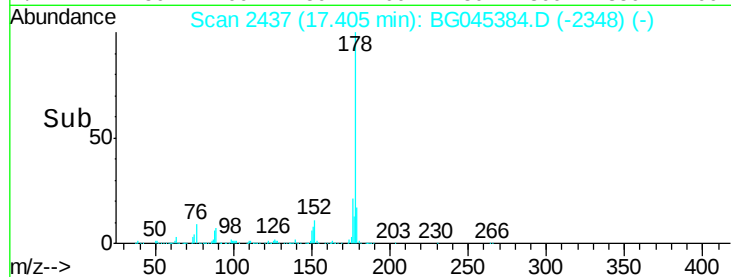
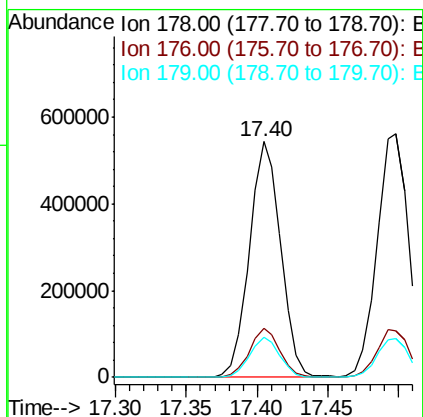
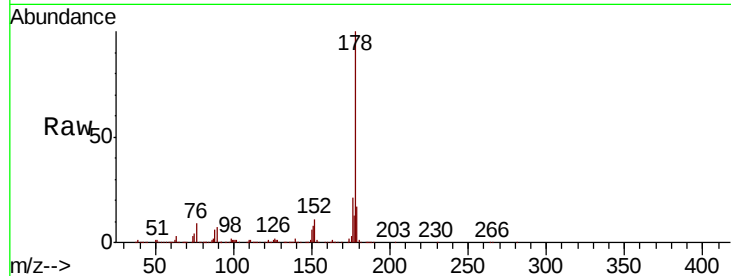




#71
Phenanthrene
Concen: 30.453 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

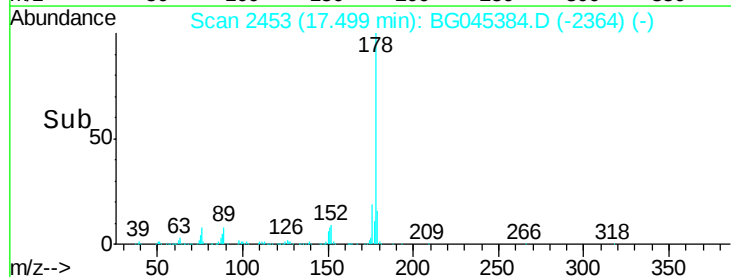
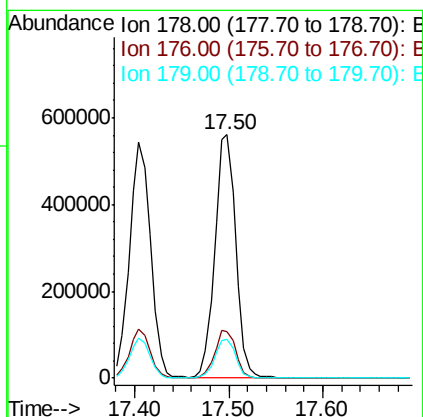
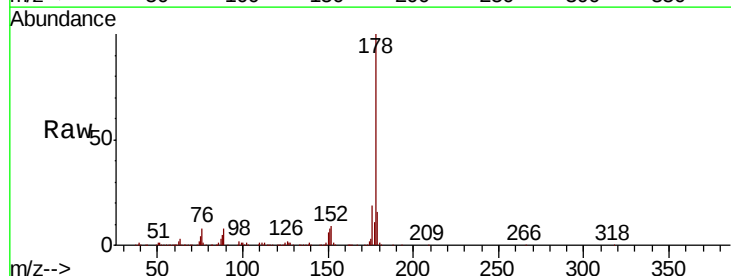
Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

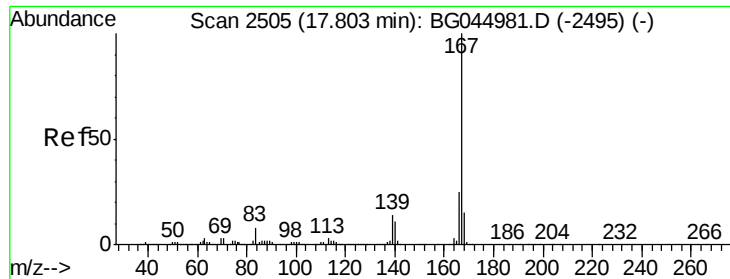
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.8	25.2
179	17.1	13.2	19.8



#72
Anthracene
Concen: 31.451 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	15.9	13.6	20.4

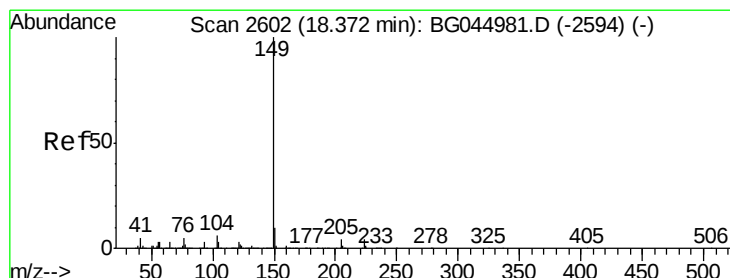
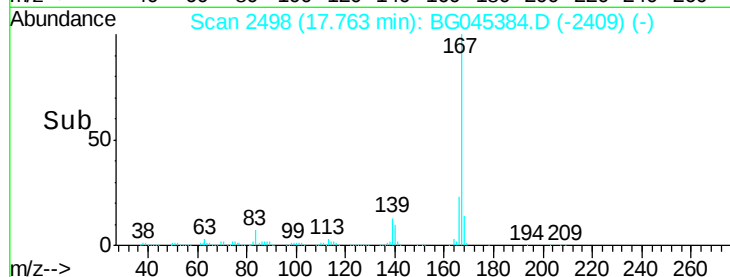
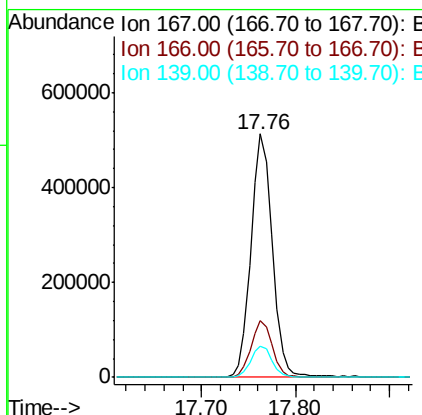
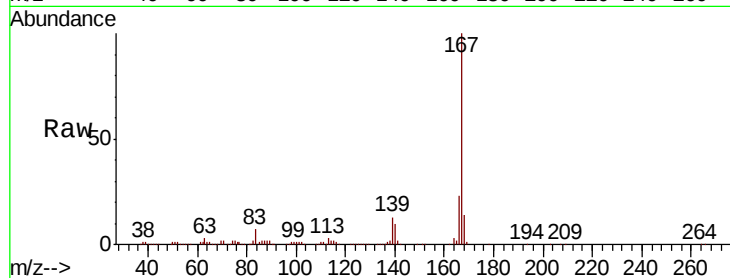




#73
 Carbazole
 Concen: 28.493 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

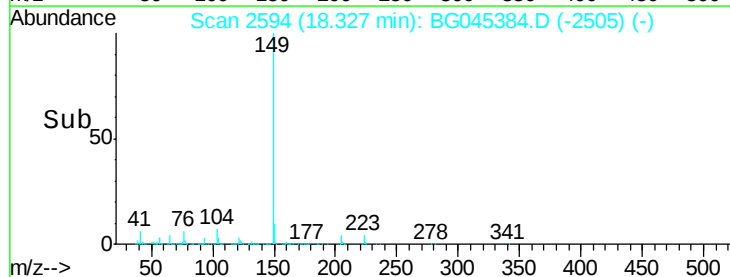
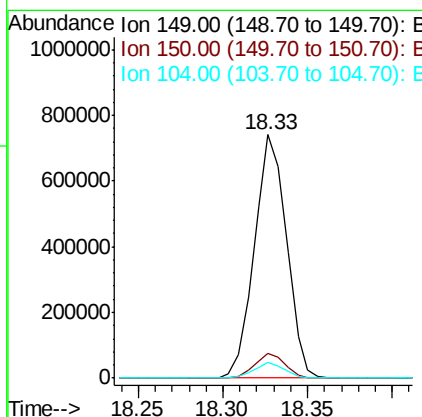
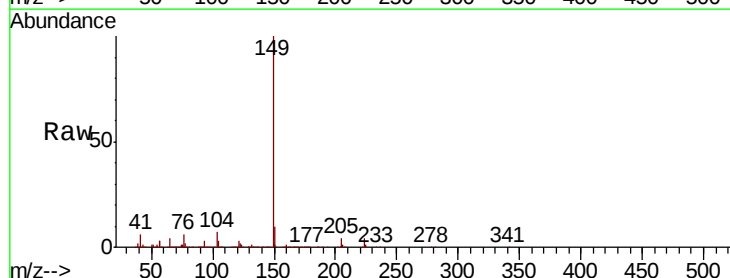
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-051220MS

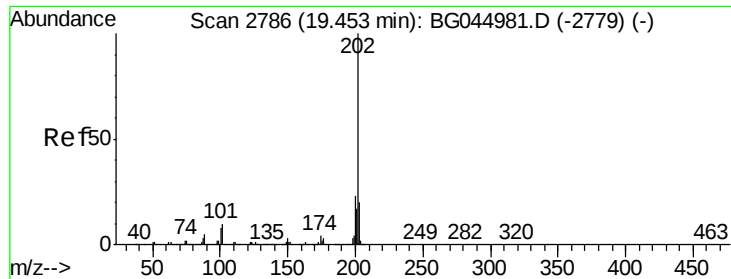
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.8	29.6
139	12.5	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 29.810 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.00 min
 Lab File: BG045384.D
 Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.5	4.8	7.2





#75

Fluoranthene

Concen: 30.876 ng

RT: 19.41 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

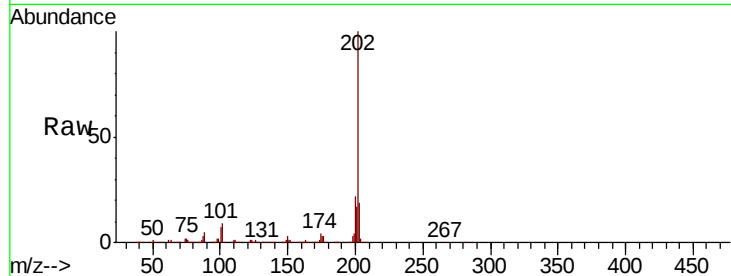
Tot Ion:202 Resp: 1073072

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.6

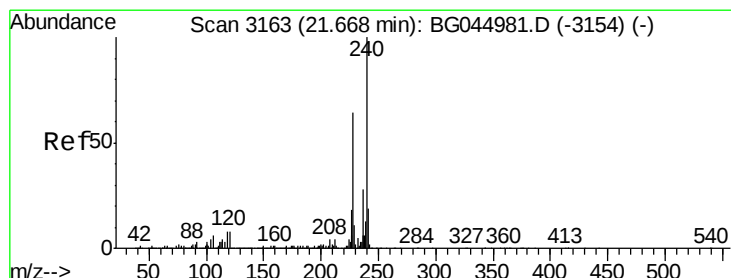
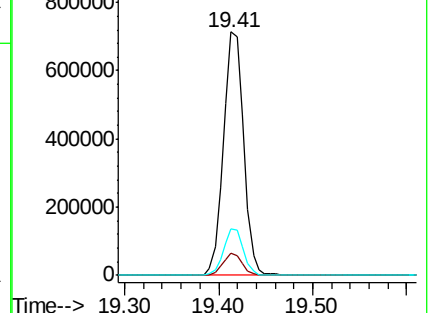
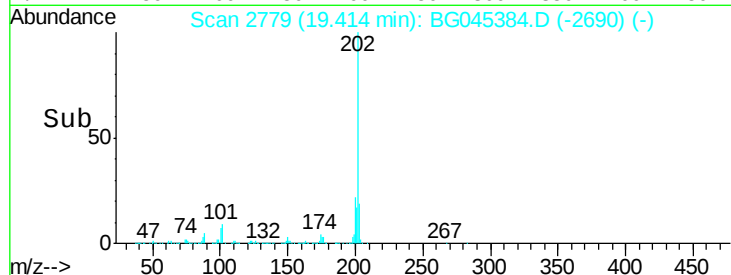
203 19.3 0.0 39.7



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

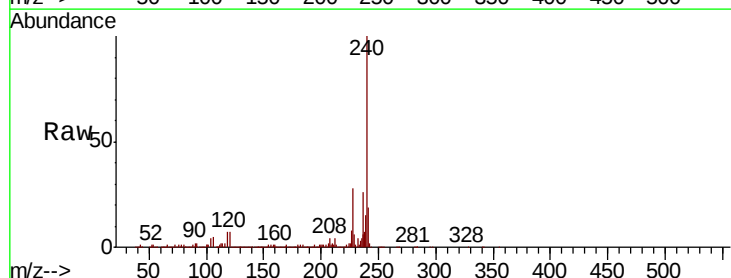
Tgt Ion:240 Resp: 500358

Ion Ratio Lower Upper

240 100

120 7.1 6.6 10.0

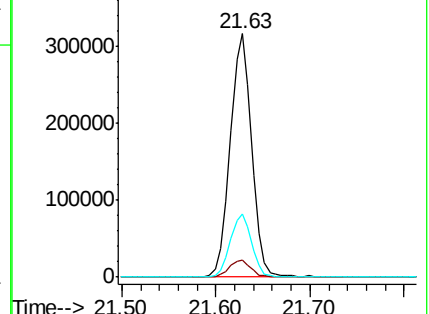
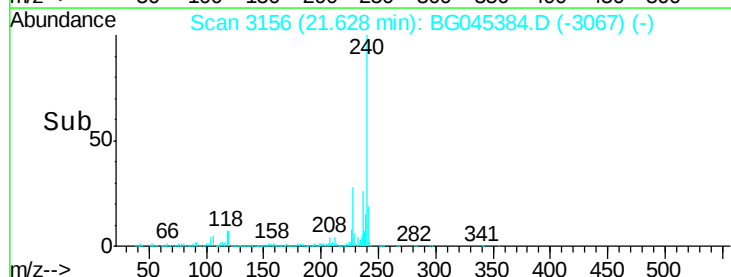
236 25.9 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.423 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

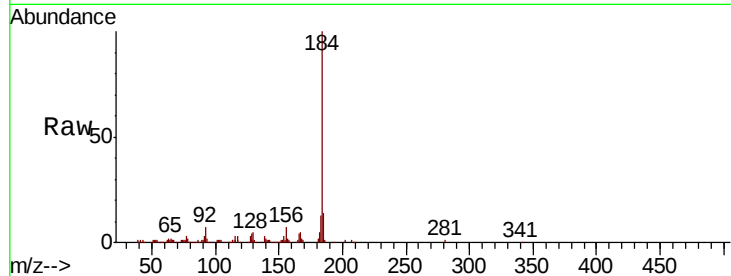
Tot Ion:184 Resp: 129350

Ion Ratio Lower Upper

184 100

185 14.0 12.6 19.0

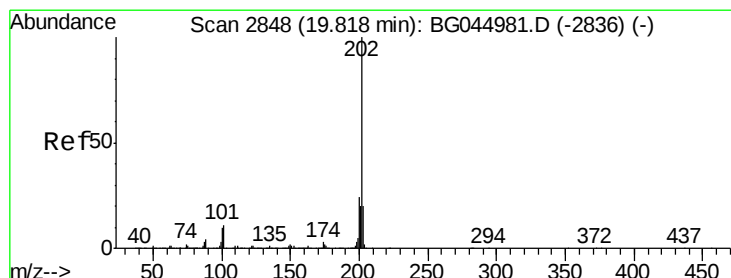
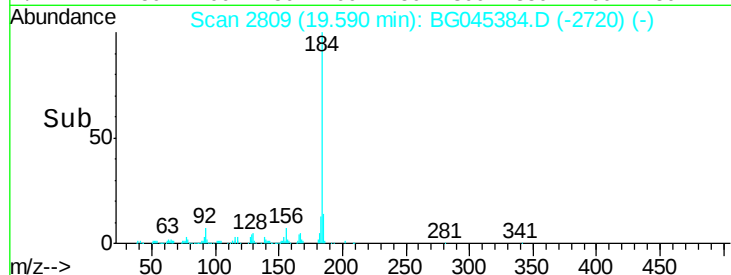
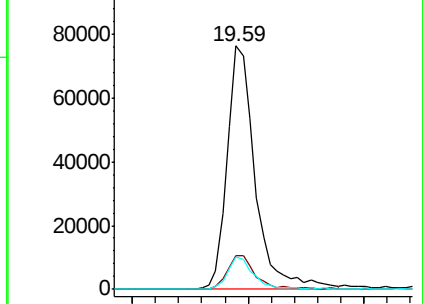
183 13.5 11.3 16.9



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: 30.918 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

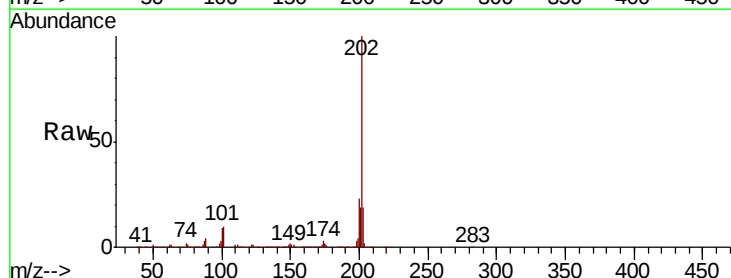
Tgt Ion:202 Resp: 1066506

Ion Ratio Lower Upper

202 100

200 22.7 19.0 28.6

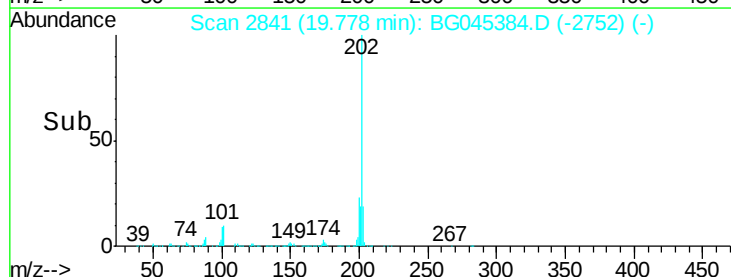
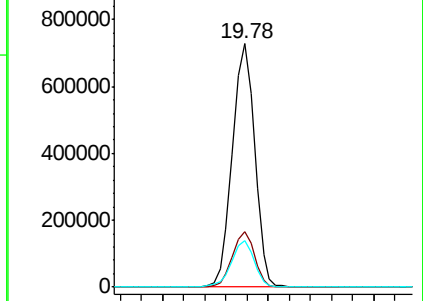
203 19.0 16.1 24.1

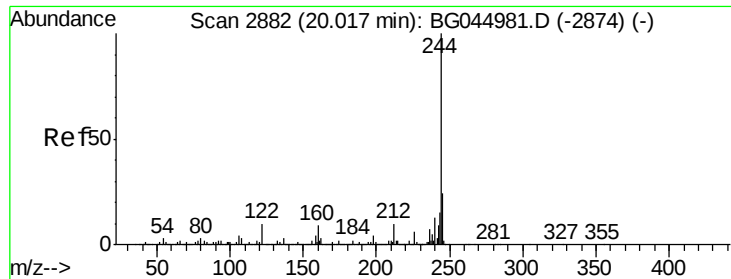


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.074 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

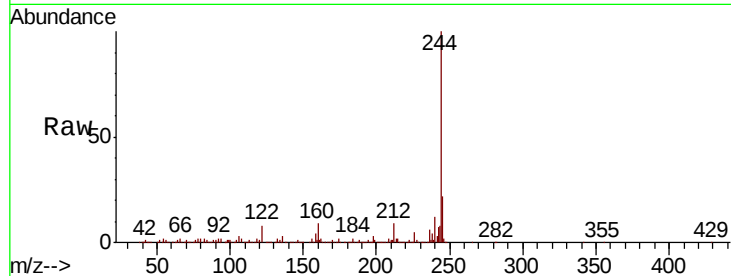
Tot Ion:244 Resp: 1539802

Ion Ratio Lower Upper

244 100

212 9.0 7.9 11.9

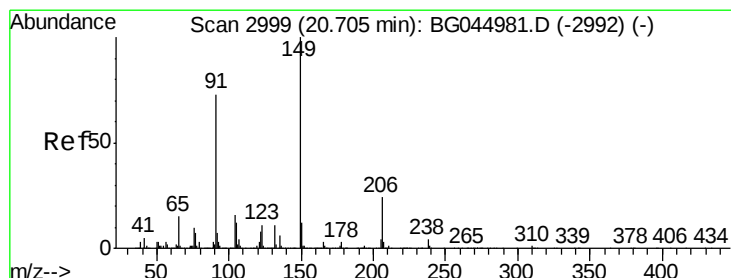
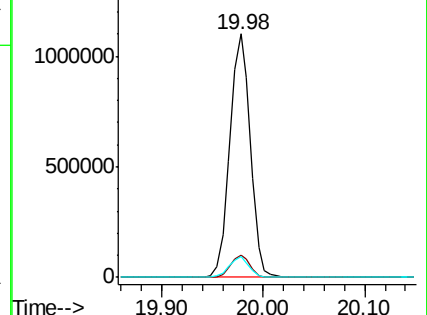
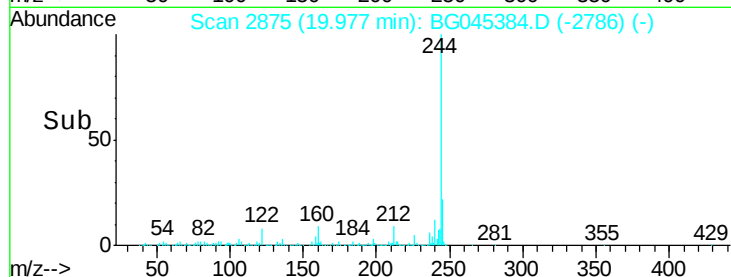
122 8.5 7.7 11.5



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: 29.942 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

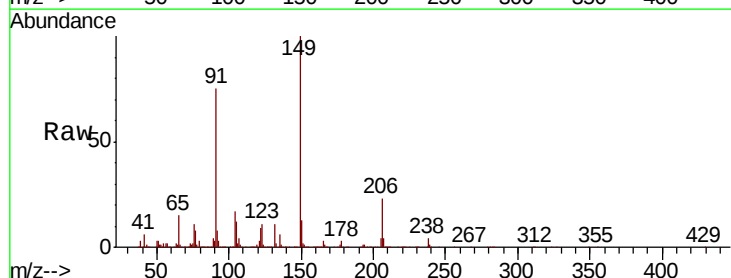
Tgt Ion:149 Resp: 428125

Ion Ratio Lower Upper

149 100

91 75.4 58.5 87.7

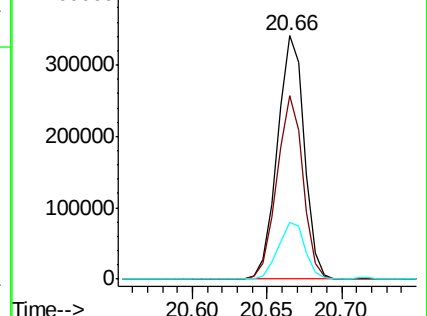
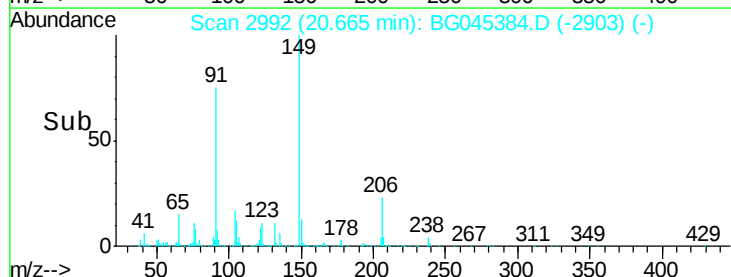
206 23.4 19.2 28.8

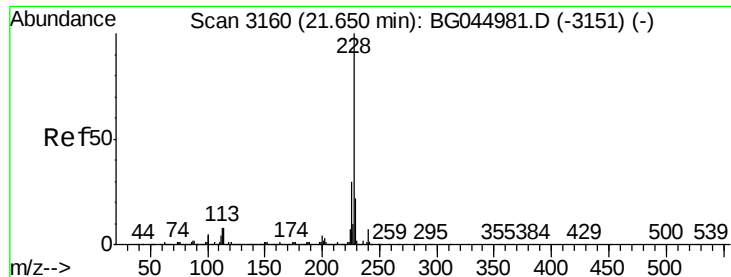


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 30.507 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

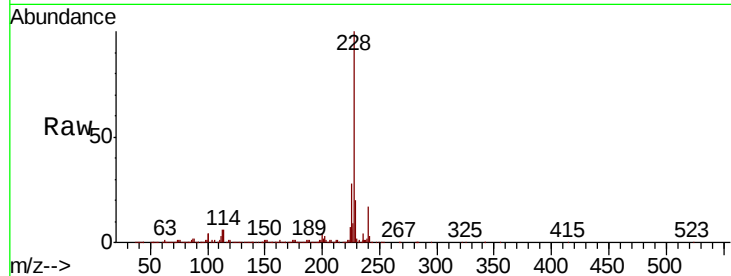
Tot Ion:228 Resp: 989347

Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

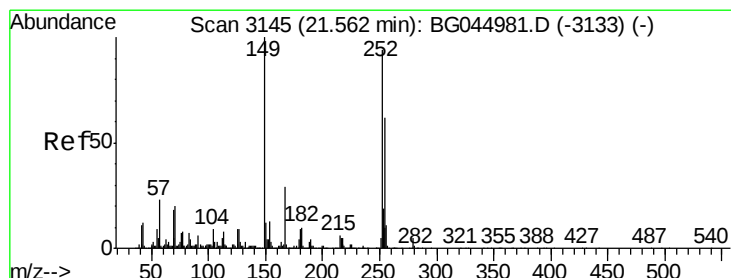
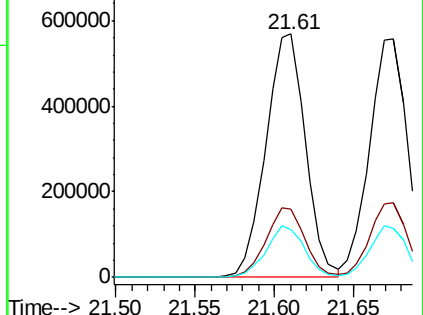
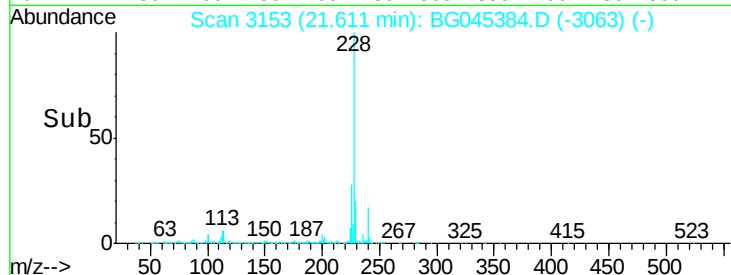
229 19.7 17.5 26.3



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: 11.030 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

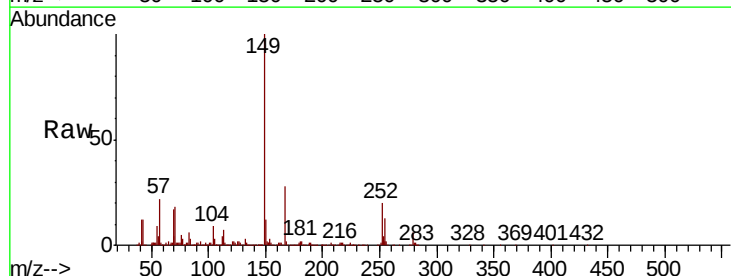
Tgt Ion:252 Resp: 142369

Ion Ratio Lower Upper

252 100

254 66.9 52.6 79.0

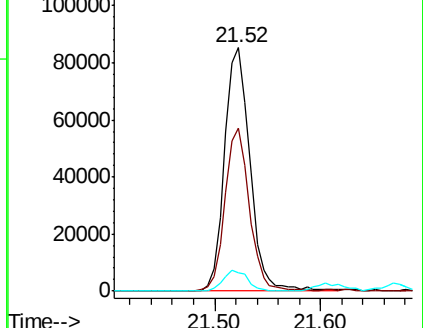
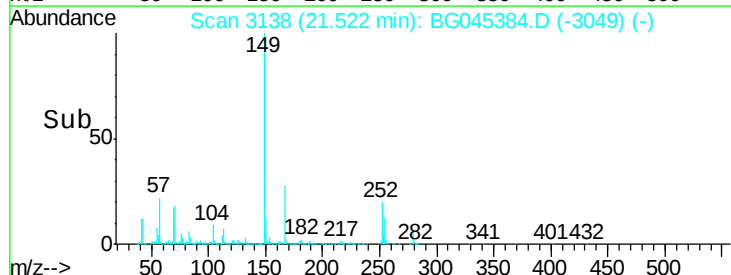
126 7.8 7.5 11.3



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: 29.936 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

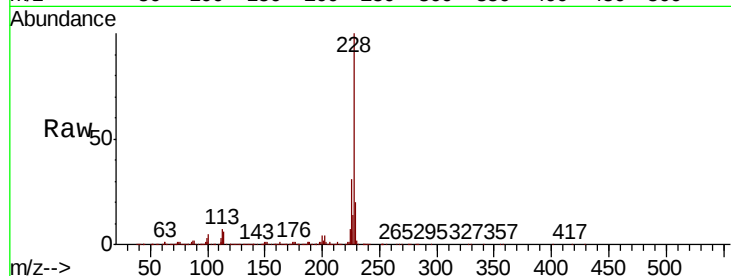
BNA_G

ClientSampleId :

OK-02-051220MS

Tot Ion:228 Resp: 932793

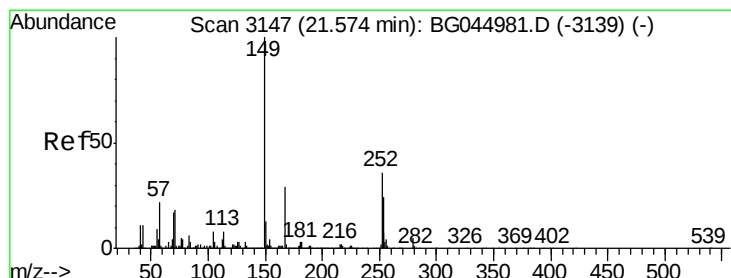
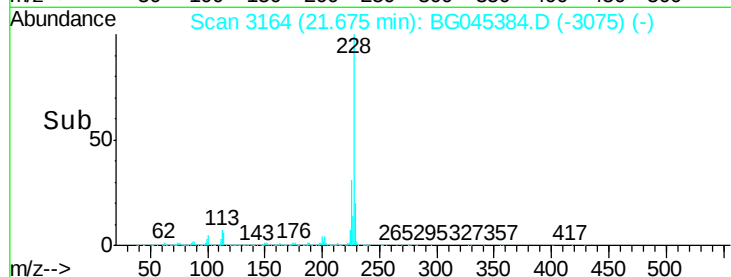
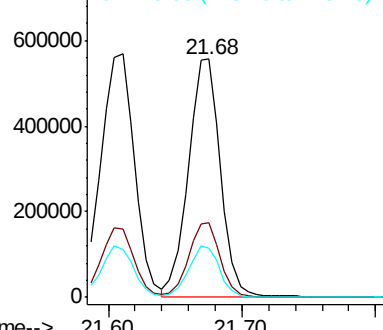
Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.2	39.4
229	20.4	17.0	25.6



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: 29.937 ng

RT: 21.52 min Scan# 3138

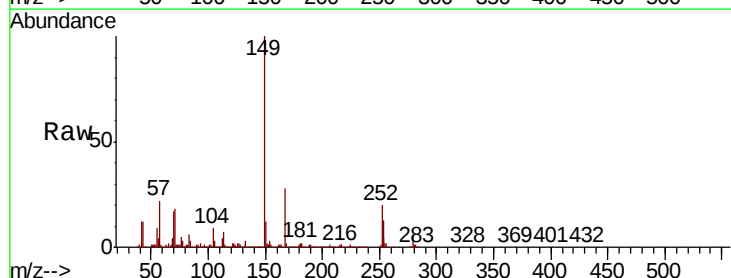
Delta R.T. -0.00 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Tgt Ion:149 Resp: 588714

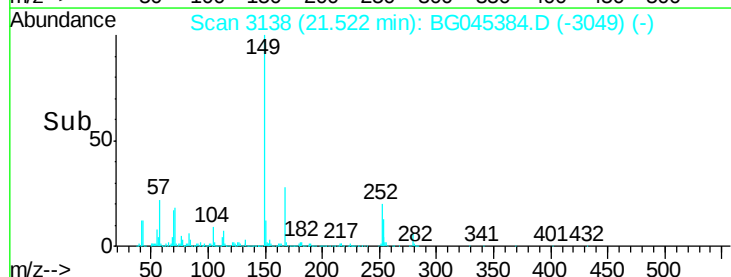
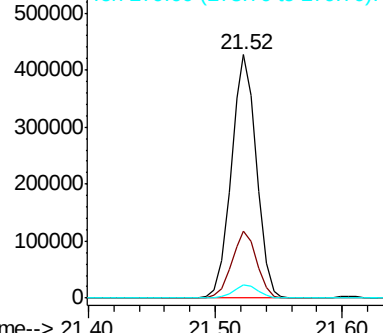
Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.4	35.0
279	5.6	4.3	6.5

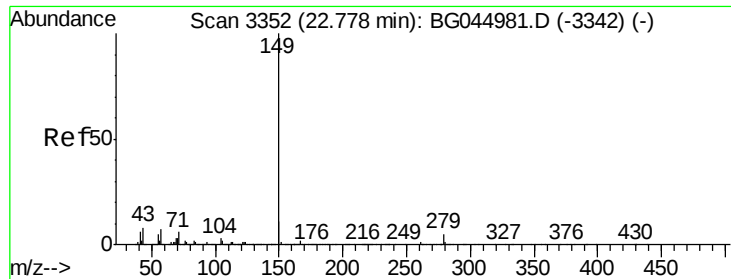


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

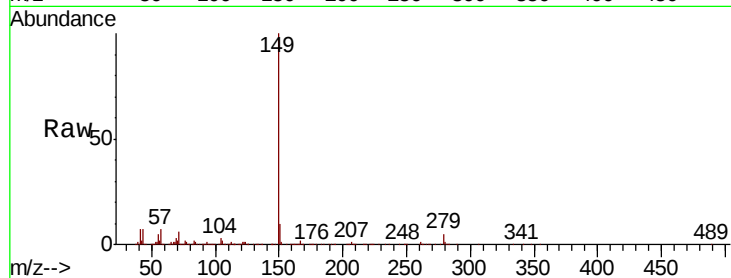




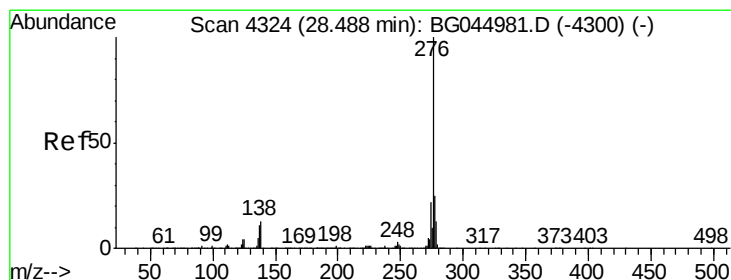
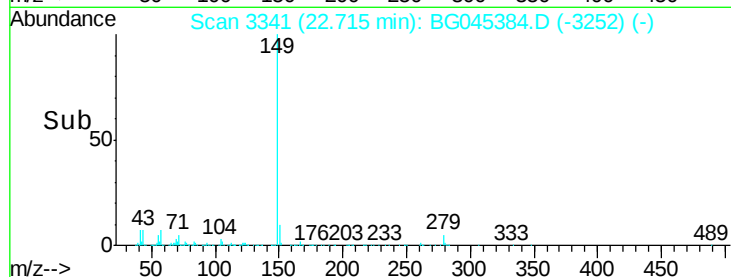
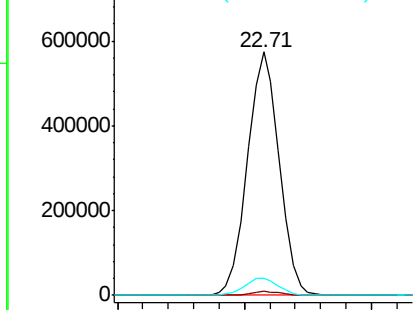
#85
Di-n-octyl phthalate
Concen: 29.235 ng
RT: 22.71 min Scan# 3341
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.2	5.7	8.5

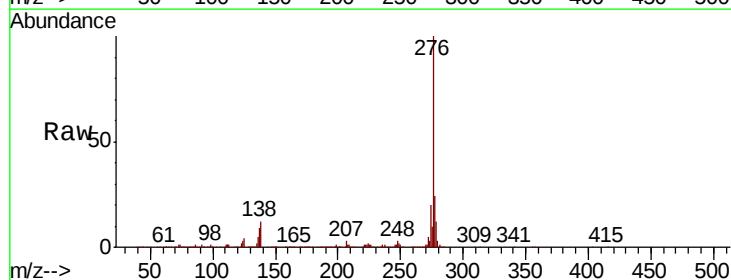


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

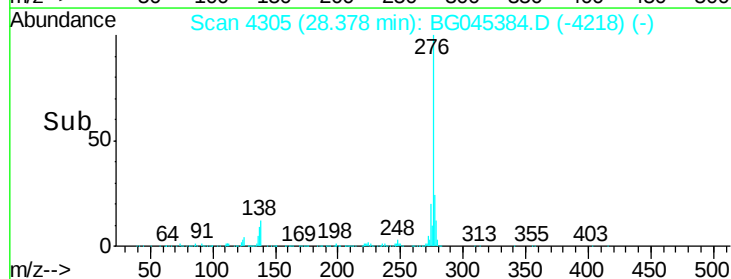
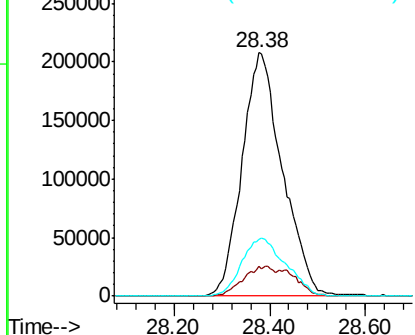


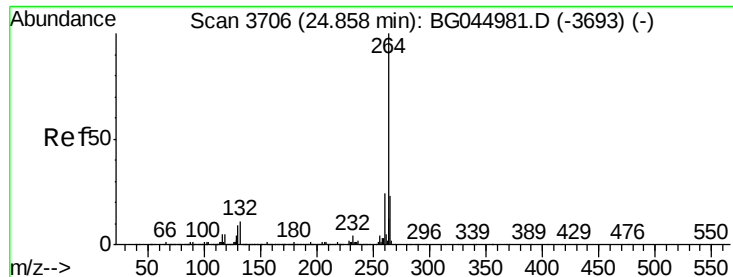
#86
Indeno(1,2,3-cd)pyrene
Concen: 29.379 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.02 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.5	9.6	14.4#
277	26.0	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



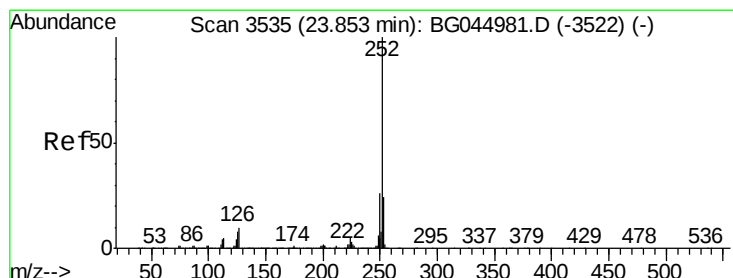
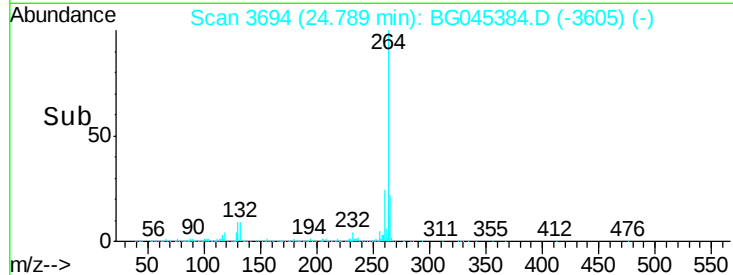
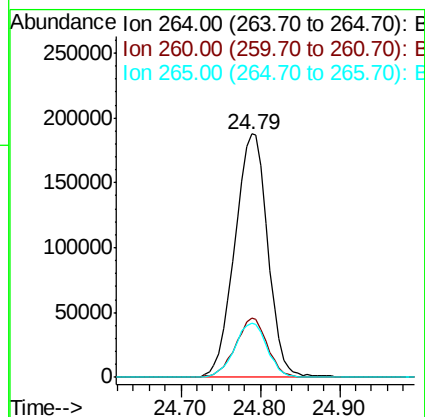
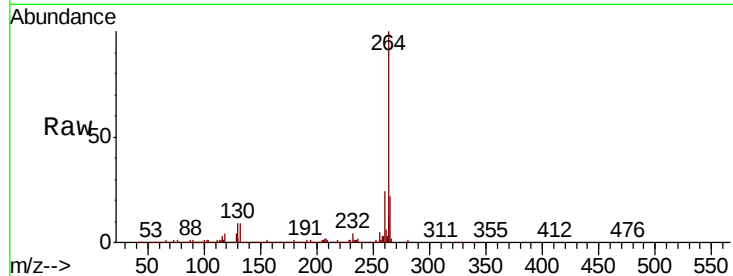


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

Tot Ion:264 Resp: 540393

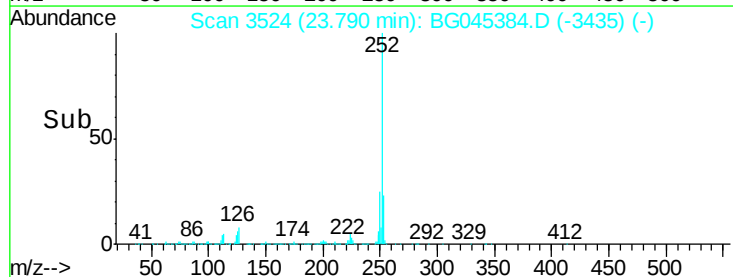
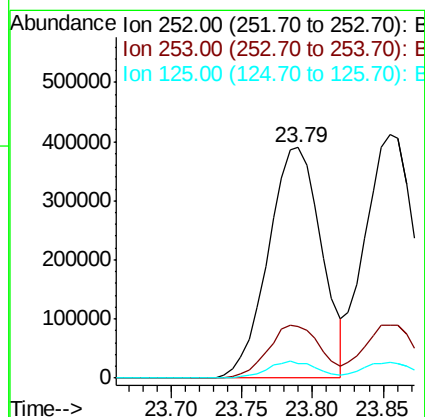
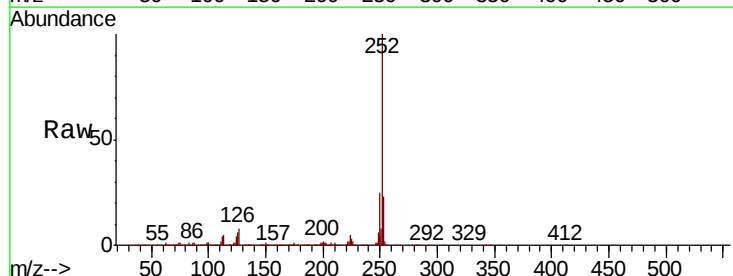
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	19.0	28.4

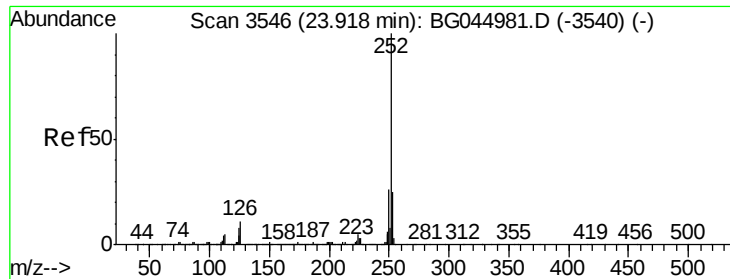


#88
Benzo(b)fluoranthene
Concen: 30.310 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion:252 Resp: 1025998

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.8	28.2
125	6.4	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 31.664 ng

RT: 23.85 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

Instrument :

BNA_G

ClientSampleId :

OK-02-051220MS

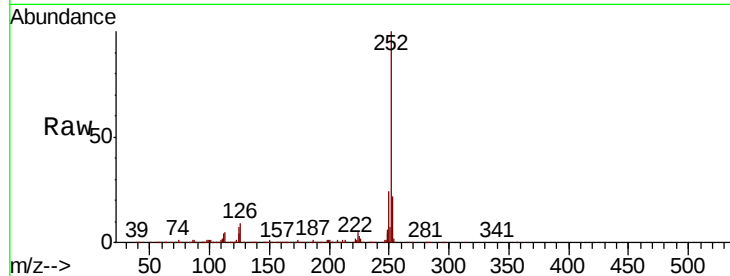
Tot Ion:252 Resp: 1019311

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

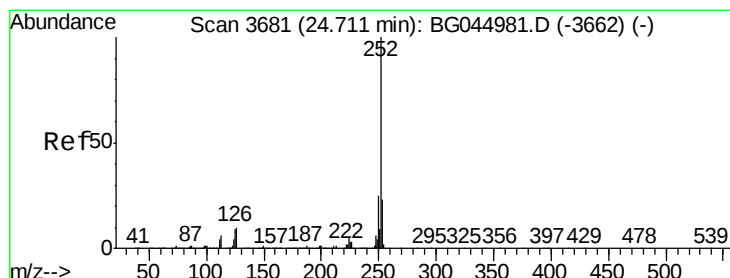
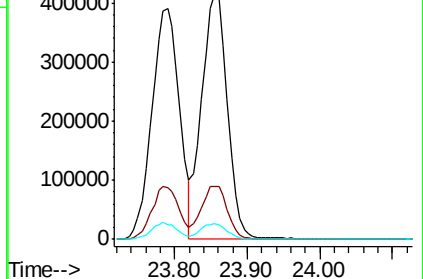
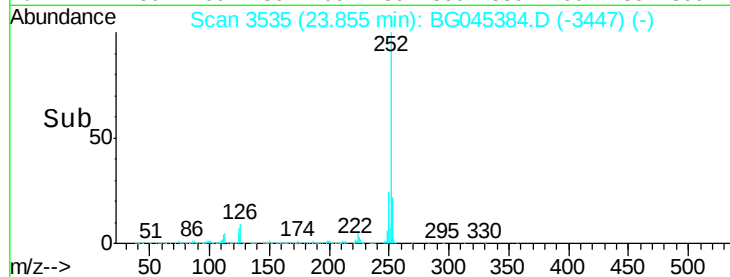
125 6.6 5.9 8.9



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: 29.758 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG045384.D

Acq: 14 May 2020 19:10

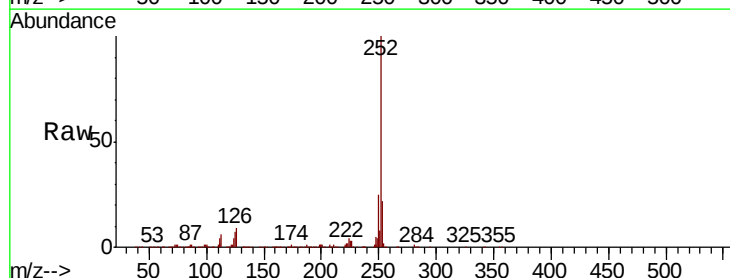
Tgt Ion:252 Resp: 951058

Ion Ratio Lower Upper

252 100

253 21.5 18.3 27.5

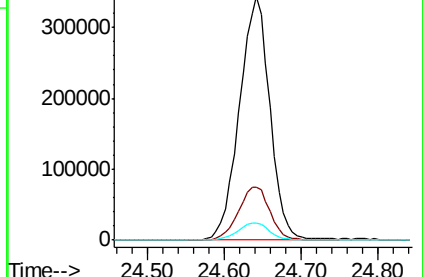
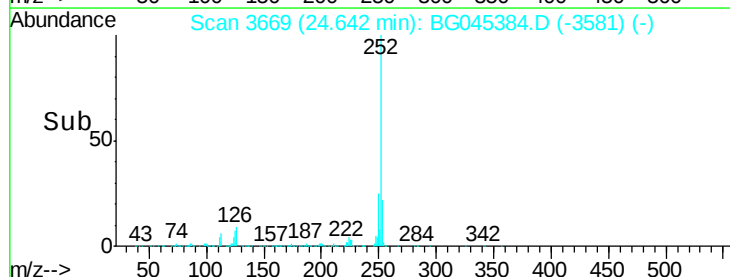
125 7.0 7.0 10.6



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

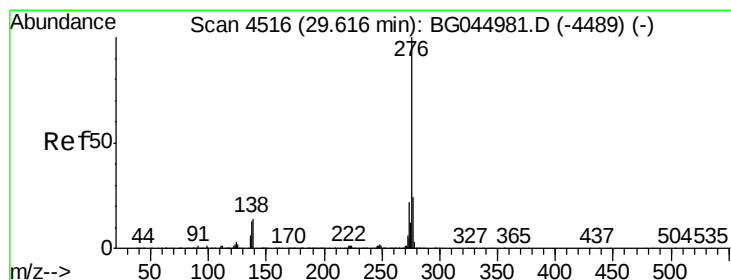
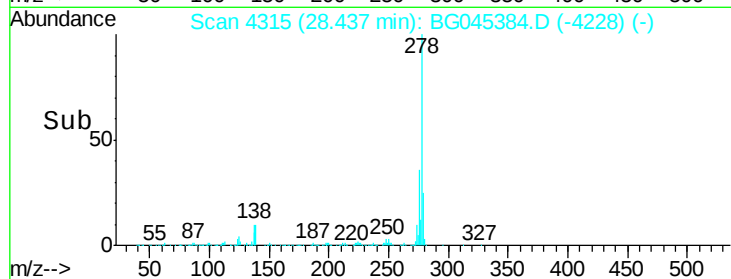
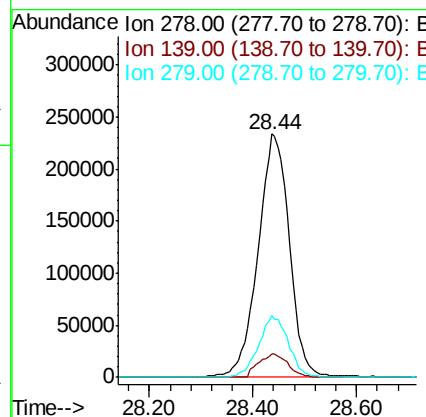
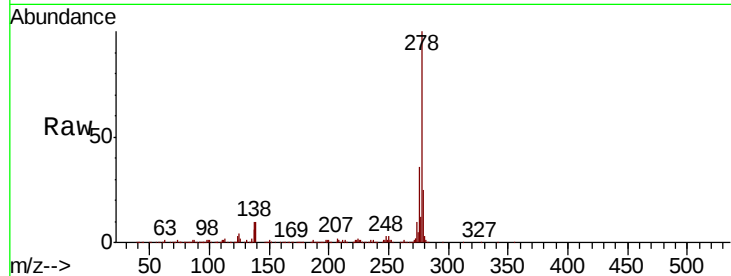




#91
Dibenzo(a,h)anthracene
Concen: 30.536 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.02 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Instrument :
BNA_G
ClientSampleId :
OK-02-051220MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.0	13.6
279	25.2	18.4	27.6



#92
Benzo(g,h,i)perylene
Concen: 31.277 ng
RT: 29.51 min Scan# 4497
Delta R.T. -0.01 min
Lab File: BG045384.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	12.2	11.4	17.2

