

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061201.D
 Acq On : 15 May 2024 11:21
 Operator : MA/JU
 Sample : PB160903BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160903BS

Quant Time: May 15 11:56:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	19422	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	78322	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	68608	20.000	ng	-0.03
64) Phenanthrene-d10	17.311	188	176261	20.000	ng	-0.02
76) Chrysene-d12	21.571	240	180587	20.000	ng	-0.02
86) Perylene-d12	24.691	264	202505	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	161020	168.609	ng	-0.02
7) Phenol-d6	7.112	99	215043	152.218	ng	-0.02
23) Nitrobenzene-d5	9.086	82	136942	86.675	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	169616	123.685	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	384742	82.924	ng	-0.03
79) Terphenyl-d14	19.926	244	912099	84.001	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.433	88	12357	32.002	ng	94
3) Pyridine	3.821	79	33776	29.726	ng	99
4) n-Nitrosodimethylamine	3.739	42	42061	38.529	ng	92
6) Aniline	7.258	93	48024	34.290	ng	# 96
8) 2-Chlorophenol	7.499	128	61354	52.367	ng	97
9) Benzaldehyde	7.070	77	23395	28.829	ng	88
10) Phenol	7.141	94	74631	51.947	ng	99
11) bis(2-Chloroethyl)ether	7.352	93	47316	47.674	ng	99
12) 1,3-Dichlorobenzene	7.817	146	57738	41.803	ng	90
13) 1,4-Dichlorobenzene	7.963	146	58010	40.637	ng	93
14) 1,2-Dichlorobenzene	8.281	146	57975	42.095	ng	99
15) Benzyl Alcohol	8.163	79	57975	45.492	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.445	45	104592	48.566	ng	98
17) 2-Methylphenol	8.381	107	48288	47.164	ng	92
18) Hexachloroethane	9.009	117	20156	39.571	ng	86
19) n-Nitroso-di-n-propyla...	8.733	70	43327	40.981	ng	97
20) 3+4-Methylphenols	8.710	107	65866	44.591	ng	90
22) Acetophenone	8.745	105	89950	46.115	ng	98
24) Nitrobenzene	9.133	77	67348	43.573	ng	# 94
25) Isophorone	9.650	82	118310	40.509	ng	97
26) 2-Nitrophenol	9.838	139	35560	48.559	ng	95
27) 2,4-Dimethylphenol	9.908	122	42504	50.344	ng	90
28) bis(2-Chloroethoxy)met...	10.132	93	65836	45.931	ng	# 94
29) 2,4-Dichlorophenol	10.384	162	64575	48.816	ng	96
30) 1,2,4-Trichlorobenzene	10.590	180	67043	42.062	ng	91
31) Naphthalene	10.778	128	171099	42.034	ng	98
32) Benzoic acid	10.073	122	21255	21.778	ng	# 79
33) 4-Chloroaniline	10.884	127	49720	30.627	ng	# 93
34) Hexachlorobutadiene	11.060	225	53371	39.024	ng	96
35) Caprolactam	11.665	113	16830	35.329	ng	99
36) 4-Chloro-3-methylphenol	12.023	107	70299	44.071	ng	99
37) 2-Methylnaphthalene	12.382	142	124631	40.858	ng	99
38) 1-Methylnaphthalene	12.605	142	117617	38.301	ng	99
40) 1,2,4,5-Tetrachloroben...	12.752	216	100303	43.807	ng	99
41) Hexachlorocyclopentadiene	12.728	237	84046	95.887	ng	96
43) 2,4,6-Trichlorophenol	12.999	196	62621	42.600	ng	99

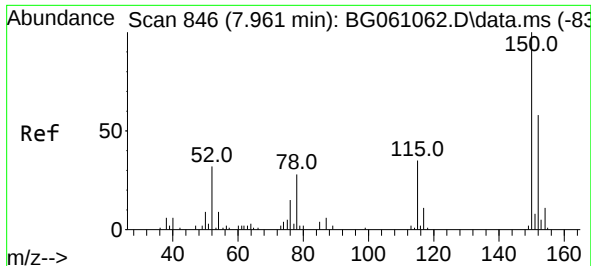
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	68745	41.321	ng	97
46) 1,1'-Biphenyl	13.392	154	187236	42.563	ng	99
47) 2-Chloronaphthalene	13.439	162	149338	42.395	ng	99
48) 2-Nitroaniline	13.639	65	57721	44.158	ng	97
49) Acenaphthylene	14.285	152	247278	45.706	ng	98
50) Dimethylphthalate	14.015	163	226714	42.783	ng	99
51) 2,6-Dinitrotoluene	14.139	165	46721	41.219	ng	93
52) Acenaphthene	14.626	154	139222	41.250	ng	98
53) 3-Nitroaniline	14.468	138	31957	30.813	ng	97
54) 2,4-Dinitrophenol	14.685	184	60101	74.944	ng	97
55) Dibenzofuran	14.961	168	242870	42.603	ng	98
56) 4-Nitrophenol	14.803	139	65901	78.626	ng	97
57) 2,4-Dinitrotoluene	14.932	165	72600	43.292	ng	89
58) Fluorene	15.607	166	205436	41.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.196	232	69273	40.449	ng	98
60) Diethylphthalate	15.384	149	219088	40.998	ng	99
61) 4-Chlorophenyl-phenyle...	15.602	204	120889	40.813	ng	97
62) 4-Nitroaniline	15.637	138	46442	41.287	ng	93
63) Azobenzene	15.895	77	190903	45.891	ng	97
65) 4,6-Dinitro-2-methylph...	15.701	198	47104	43.072	ng	96
66) n-Nitrosodiphenylamine	15.819	169	192755	44.099	ng	99
67) 4-Bromophenyl-phenylether	16.495	248	91051	43.851	ng	93
68) Hexachlorobenzene	16.618	284	110037	42.578	ng	99
69) Atrazine	16.771	200	88451	49.069	ng	99
70) Pentachlorophenol	16.971	266	102191	64.364	ng	98
71) Phenanthrene	17.352	178	364795	45.263	ng	96
72) Anthracene	17.441	178	363108	45.152	ng	97
73) Carbazole	17.717	167	306951	43.411	ng	99
74) Di-n-butylphthalate	18.275	149	382848	45.535	ng	99
75) Fluoranthene	19.368	202	474481	42.974	ng	100
77) Benzidine	19.544	184	104140	31.335	ng	95
78) Pyrene	19.726	202	495169	43.129	ng	97
80) Butylbenzylphthalate	20.619	149	160627	44.198	ng	94
81) Benzo(a)anthracene	21.548	228	524554	44.389	ng	97
82) 3,3'-Dichlorobenzidine	21.465	252	133716	31.443	ng	99
83) Chrysene	21.612	228	488138	44.090	ng	99
84) Bis(2-ethylhexyl)phtha...	21.465	149	222590	46.904	ng	98
85) Di-n-octyl phthalate	22.640	149	377006	45.028	ng	100
87) Indeno(1,2,3-cd)pyrene	28.251	276	633742	47.222	ng	99
88) Benzo(b)fluoranthene	23.704	252	514202	45.440	ng	98
89) Benzo(k)fluoranthene	23.774	252	495401	45.506	ng	99
90) Benzo(a)pyrene	24.544	252	469922	47.666	ng	99
91) Dibenzo(a,h)anthracene	28.298	278	521792	46.949	ng	# 96
92) Benzo(g,h,i)perylene	29.344	276	486423	44.042	ng	96

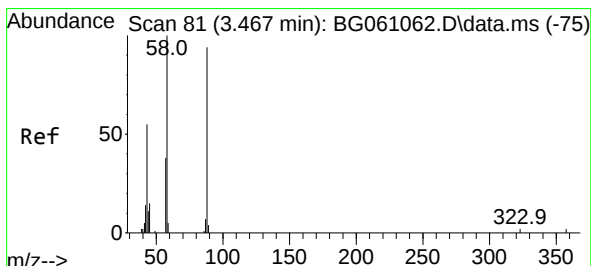
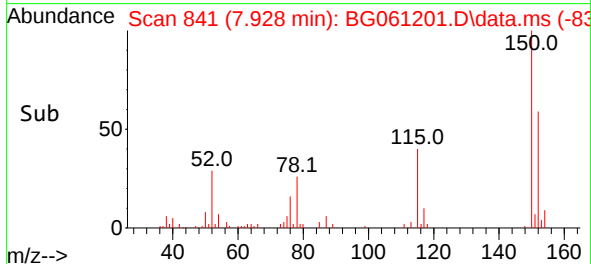
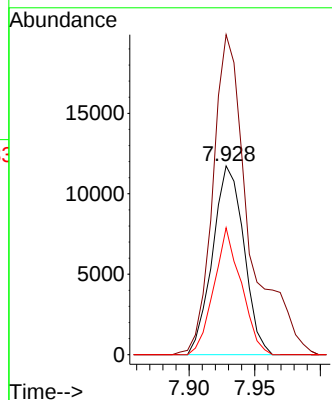
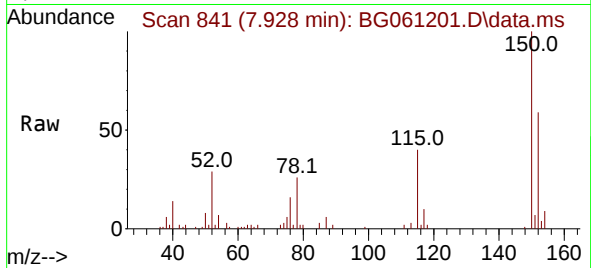
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.928 min Scan# 84
 Delta R.T. -0.033 min
 Lab File: BG061201.D
 Acq: 15 May 2024 11:21

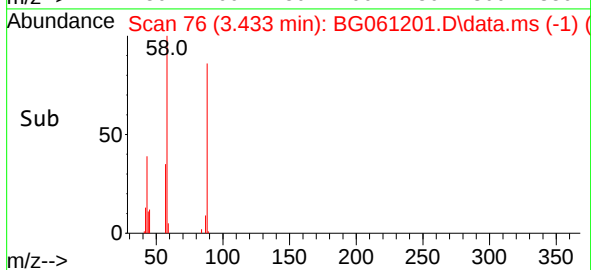
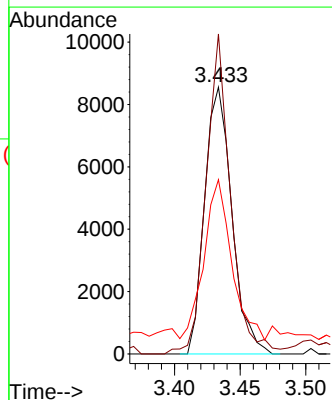
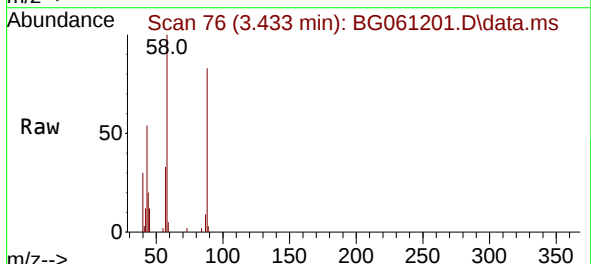
Instrument :
 BNA_G
 ClientSampleId :
 PB160903BS

Tgt Ion:152 Resp: 19422
 Ion Ratio Lower Upper
 152 100
 150 169.5 138.3 207.5
 115 67.2 48.0 72.0



#2
 1,4-Dioxane
 Concen: 32.002 ng
 RT: 3.433 min Scan# 76
 Delta R.T. -0.033 min
 Lab File: BG061201.D
 Acq: 15 May 2024 11:21

Tgt Ion: 88 Resp: 12357
 Ion Ratio Lower Upper
 88 100
 58 107.6 81.2 121.8
 43 60.6 45.0 67.4



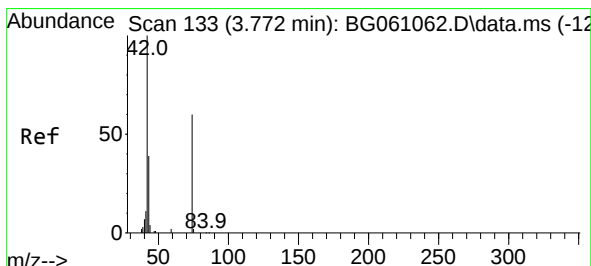
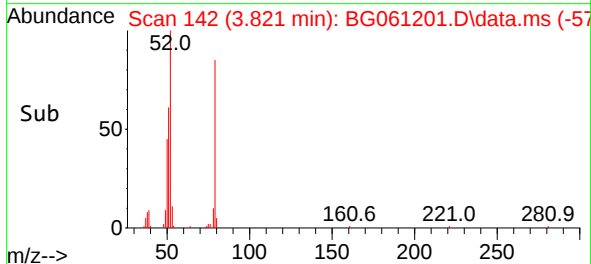
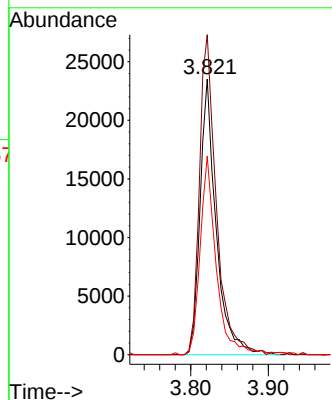
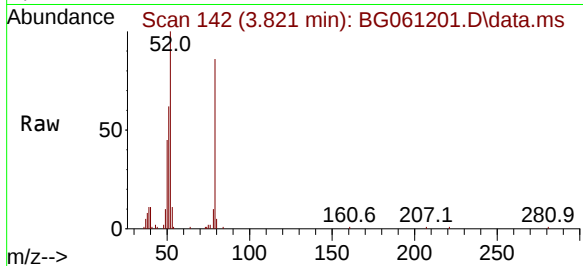


#3
 Pyridine
 Concen: 29.726 ng
 RT: 3.821 min Scan# 147
 Delta R.T. -0.033 min
 Lab File: BG061201.D
 Acq: 15 May 2024 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB160903BS

Tgt Ion: 79 Resp: 33776

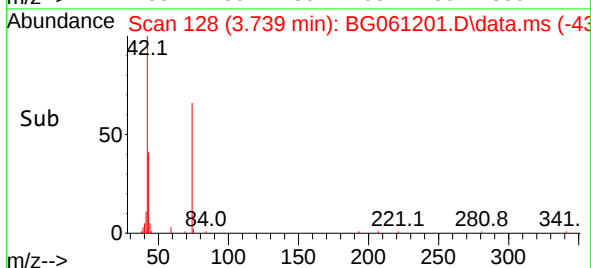
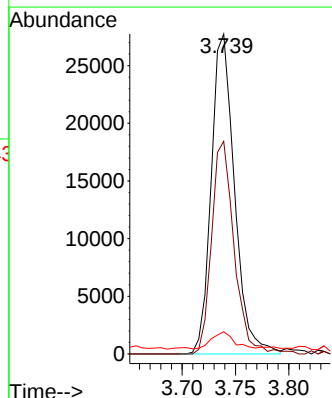
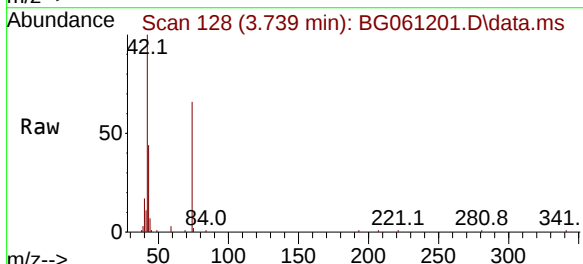
Ion	Ratio	Lower	Upper
79	100		
52	116.0	91.6	137.4
51	72.0	57.0	85.4

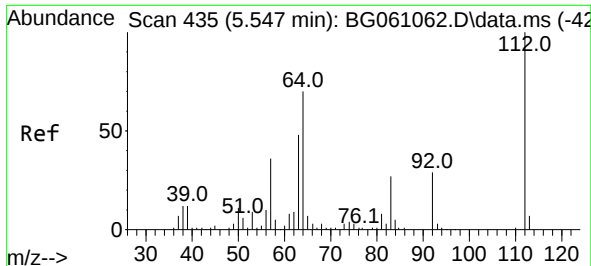


#4
 n-Nitrosodimethylamine
 Concen: 38.529 ng
 RT: 3.739 min Scan# 128
 Delta R.T. -0.033 min
 Lab File: BG061201.D
 Acq: 15 May 2024 11:21

Tgt Ion: 42 Resp: 42061

Ion	Ratio	Lower	Upper
42	100		
74	66.5	47.8	71.8
44	6.9	4.7	7.1

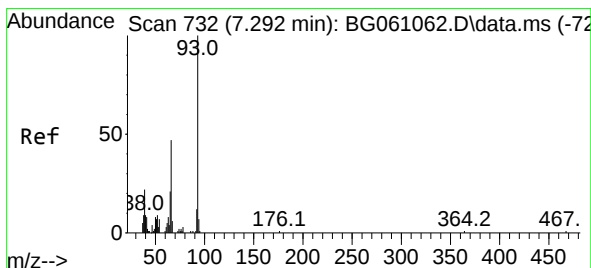
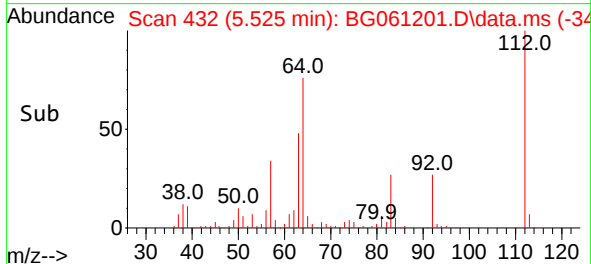
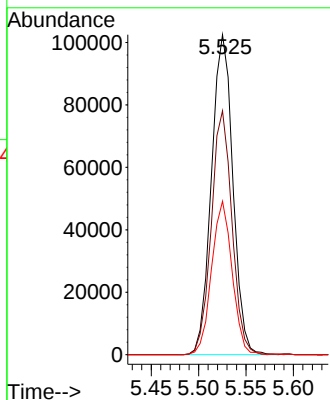
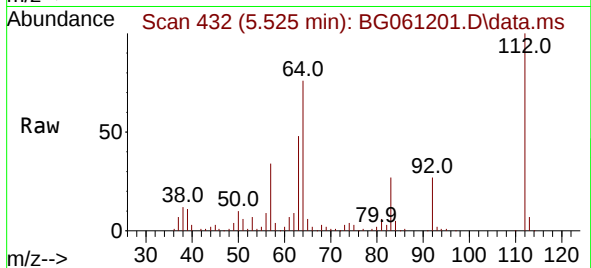




#5
2-Fluorophenol
Concen: 168.609 ng
RT: 5.525 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

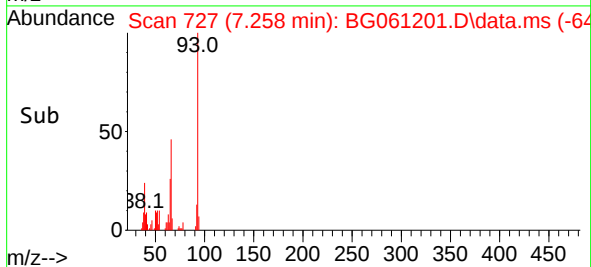
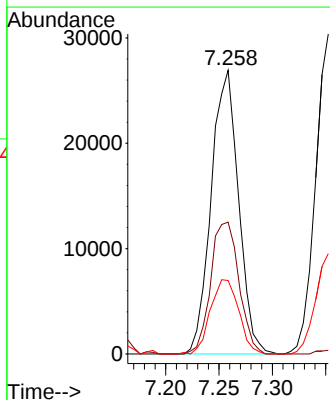
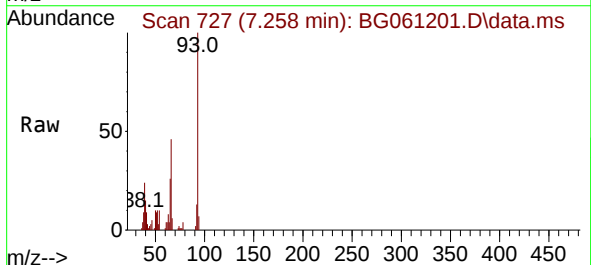
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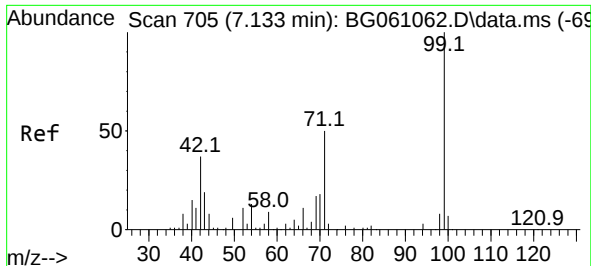
Tgt Ion:112 Resp: 161020
Ion Ratio Lower Upper
112 100
64 76.2 55.7 83.5
63 47.9 38.1 57.1



#6
Aniline
Concen: 34.290 ng
RT: 7.258 min Scan# 727
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion: 93 Resp: 48024
Ion Ratio Lower Upper
93 100
66 46.5 37.4 56.0
65 25.9 16.6 24.8#

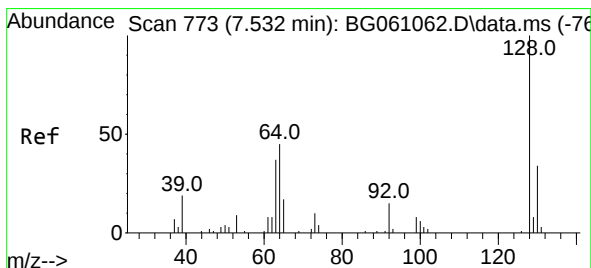
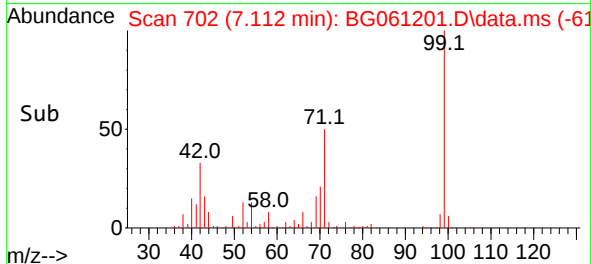
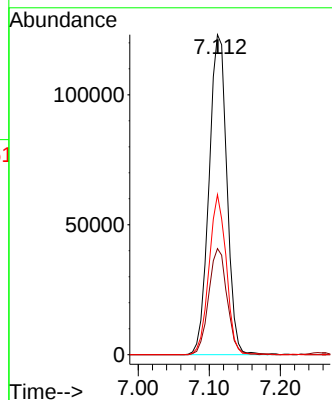
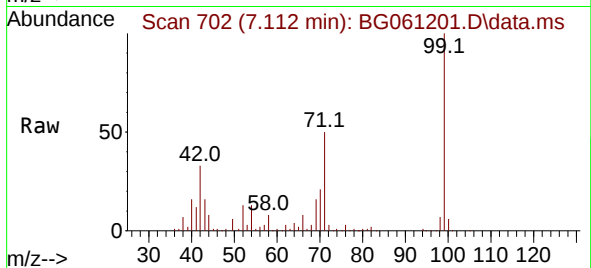




#7
Phenol-d6
Concen: 152.218 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

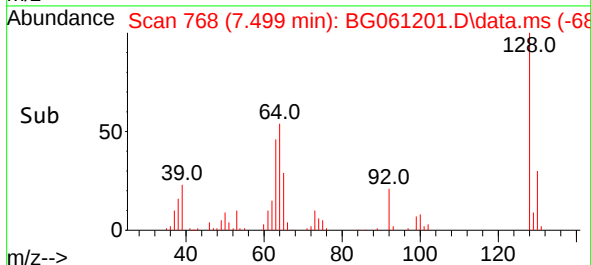
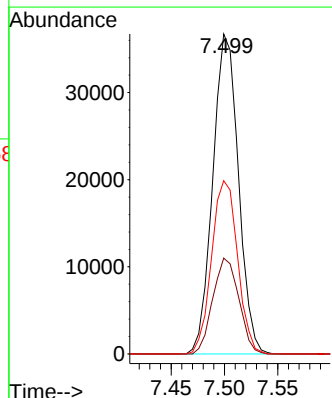
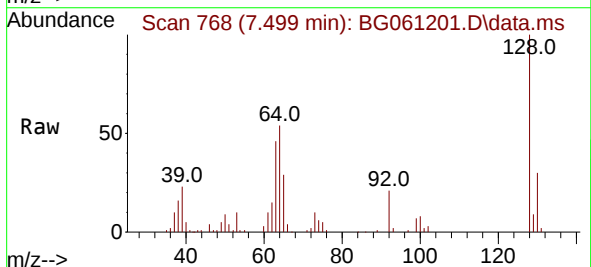
Instrument :
BNA_G
ClientSampleId :
PB160903BS

Tgt Ion: 99 Resp: 215043
Ion Ratio Lower Upper
99 100
42 33.2 29.2 43.8
71 50.0 39.7 59.5



#8
2-Chlorophenol
Concen: 52.367 ng
RT: 7.499 min Scan# 768
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:128 Resp: 61354
Ion Ratio Lower Upper
128 100
130 30.0 14.1 54.1
64 54.2 34.8 74.8

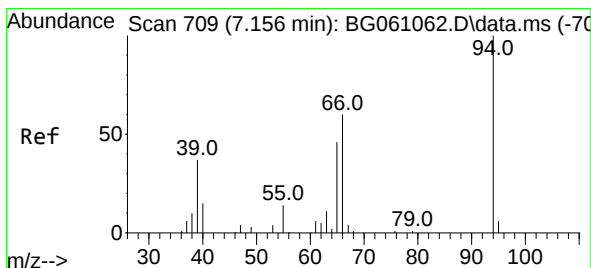
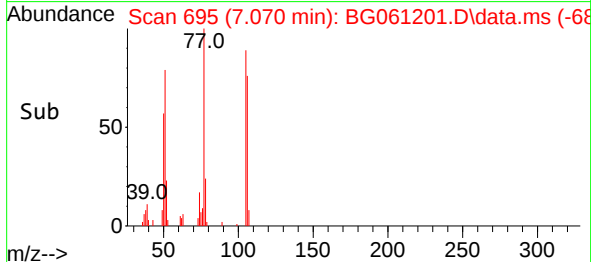
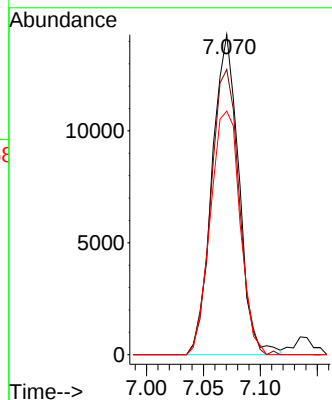
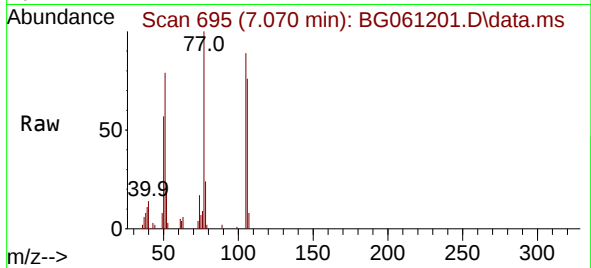




#9
Benzaldehyde
Concen: 28.829 ng
RT: 7.070 min Scan# 69
Delta R.T. -0.034 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

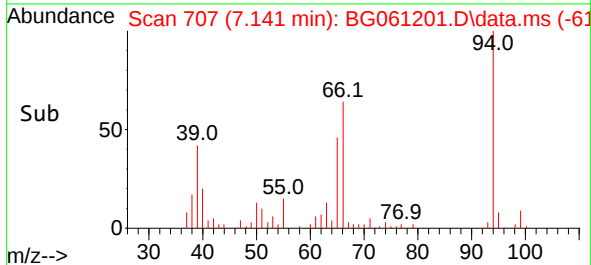
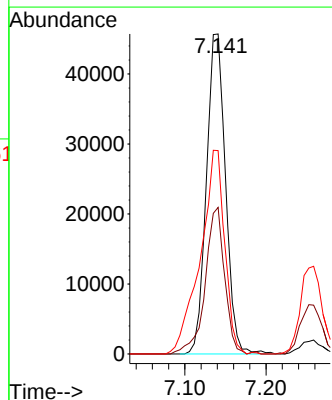
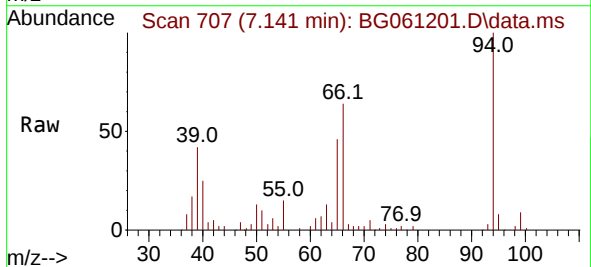
Instrument :
BNA_G
ClientSampleId :
PB160903BS

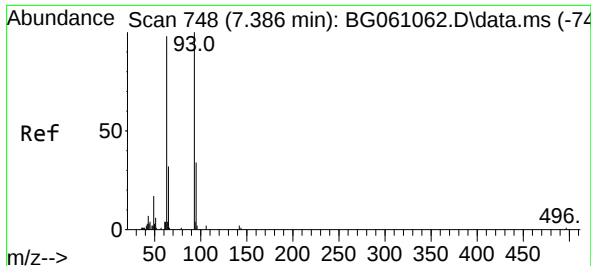
Tgt Ion: 77 Resp: 23395
Ion Ratio Lower Upper
77 100
105 89.1 76.0 116.0
106 76.1 72.3 112.3



#10
Phenol
Concen: 51.947 ng
RT: 7.141 min Scan# 707
Delta R.T. -0.016 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion: 94 Resp: 74631
Ion Ratio Lower Upper
94 100
65 45.8 26.8 66.8
66 63.5 44.7 84.7

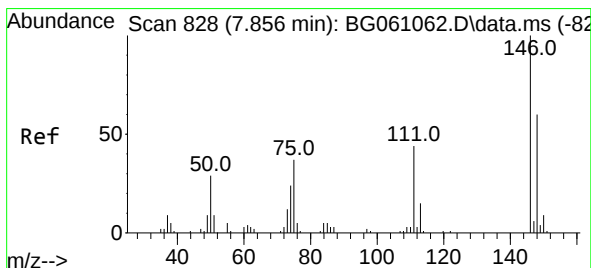
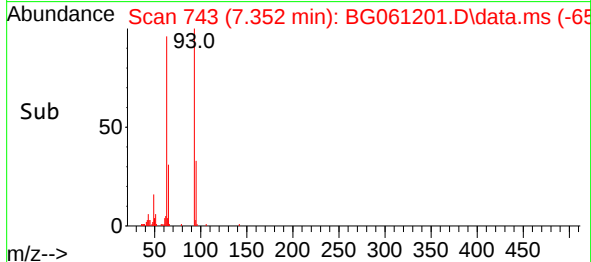
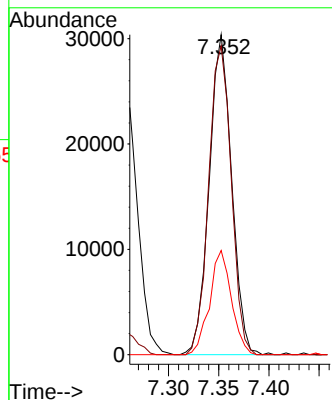
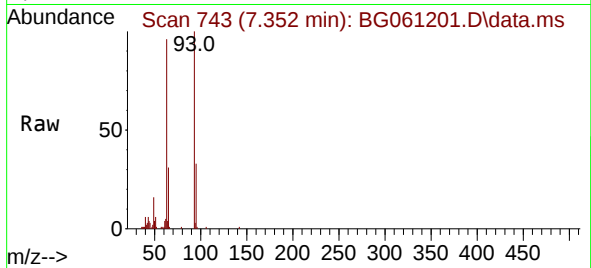




#11
bis(2-Chloroethyl)ether
Concen: 47.674 ng
RT: 7.352 min Scan# 748
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

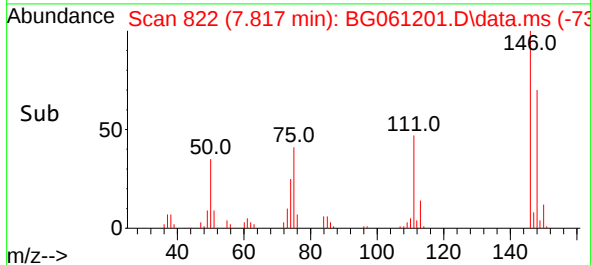
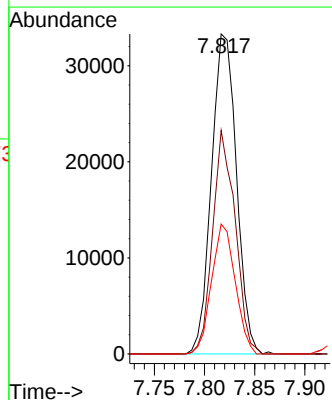
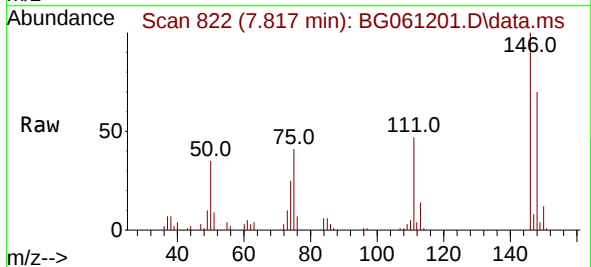
Instrument :
BNA_G
ClientSampleId :
PB160903BS

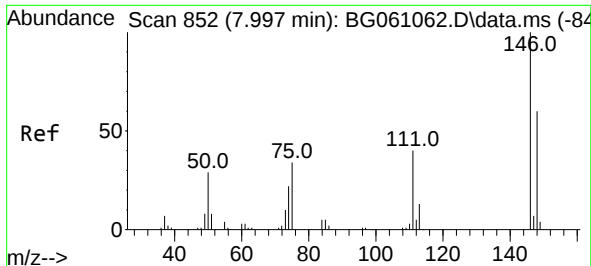
Tgt Ion: 93 Resp: 47316
Ion Ratio Lower Upper
93 100
63 96.5 76.8 116.8
95 32.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.803 ng
RT: 7.817 min Scan# 822
Delta R.T. -0.039 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:146 Resp: 57738
Ion Ratio Lower Upper
146 100
148 69.8 48.0 72.0
75 40.6 29.5 44.3

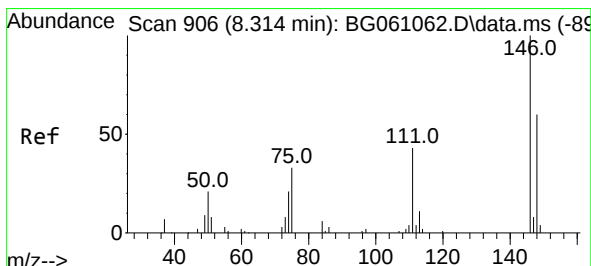
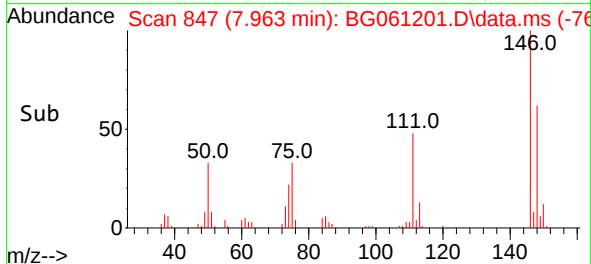
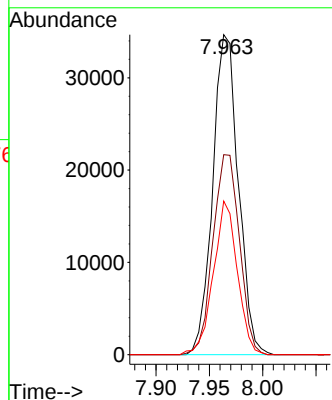
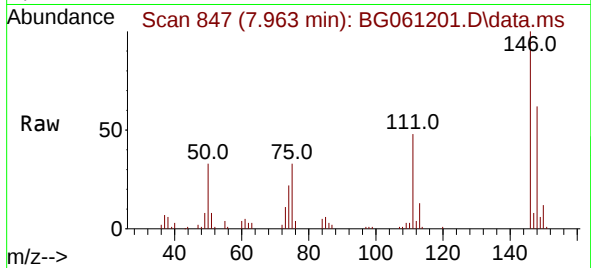




#13
1,4-Dichlorobenzene
Concen: 40.637 ng
RT: 7.963 min Scan# 84
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

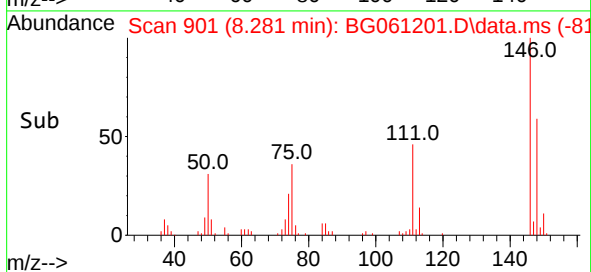
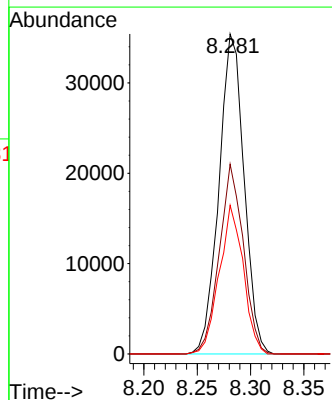
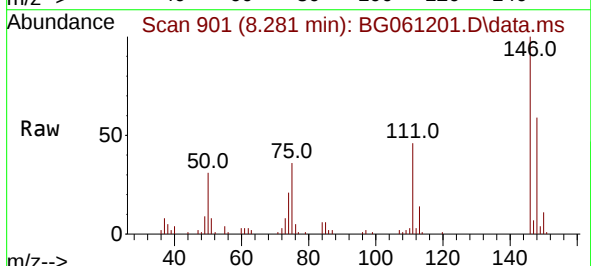
Instrument :
BNA_G
ClientSampleId :
PB160903BS

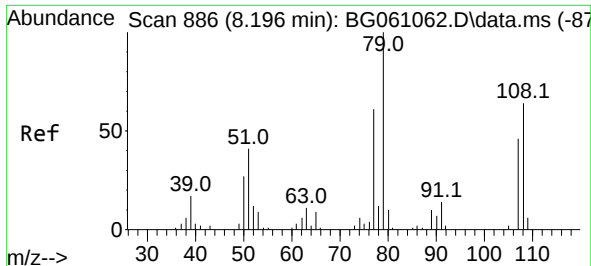
Tgt Ion:146 Resp: 58010
Ion Ratio Lower Upper
146 100
148 62.5 48.1 72.1
111 48.0 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 42.095 ng
RT: 8.281 min Scan# 901
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:146 Resp: 57975
Ion Ratio Lower Upper
146 100
148 59.3 48.2 72.2
111 46.4 36.2 54.2

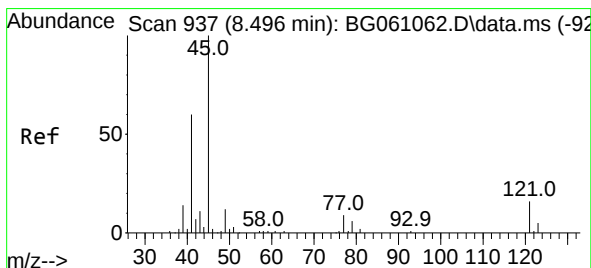
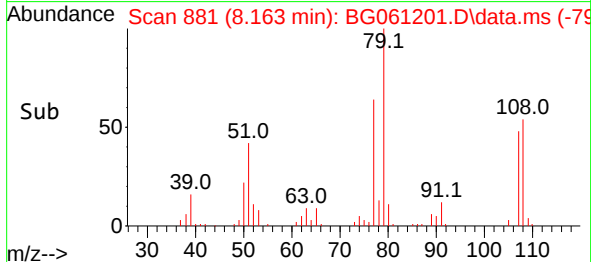
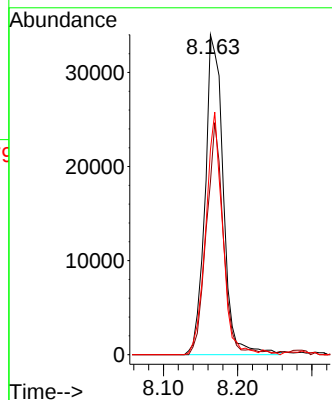
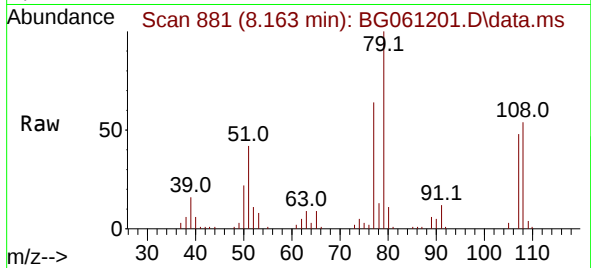




#15
Benzyl Alcohol
Concen: 45.492 ng
RT: 8.163 min Scan# 81
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

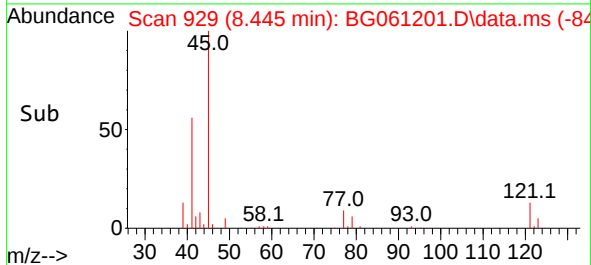
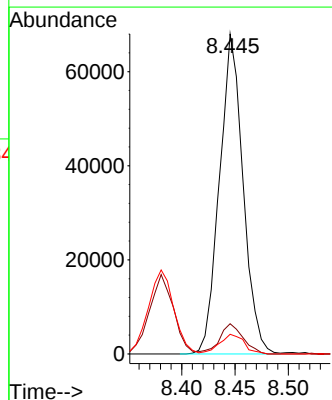
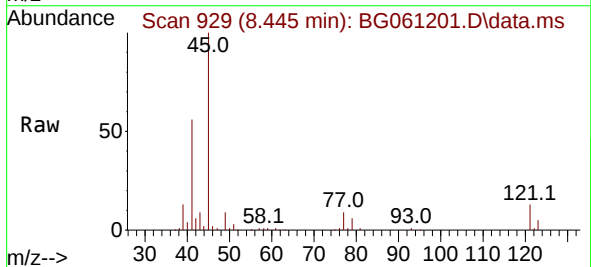
Instrument :
BNA_G
ClientSampleId :
PB160903BS

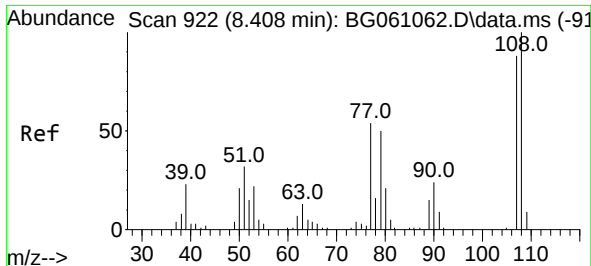
Tgt Ion: 79 Resp: 57975
Ion Ratio Lower Upper
79 100
108 54.0 51.1 76.7
77 64.1 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.566 ng
RT: 8.445 min Scan# 929
Delta R.T. -0.051 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

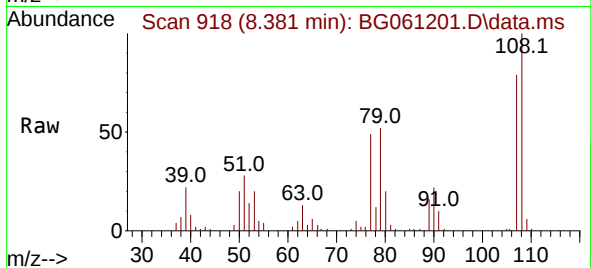
Tgt Ion: 45 Resp: 104592
Ion Ratio Lower Upper
45 100
77 9.4 0.0 30.2
79 6.2 0.0 26.5



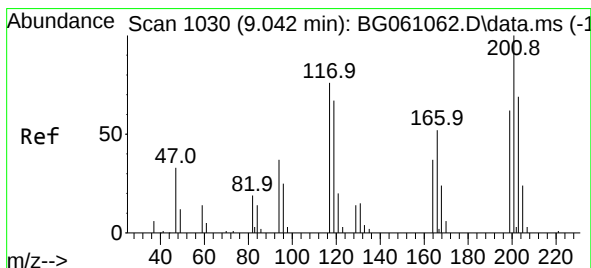
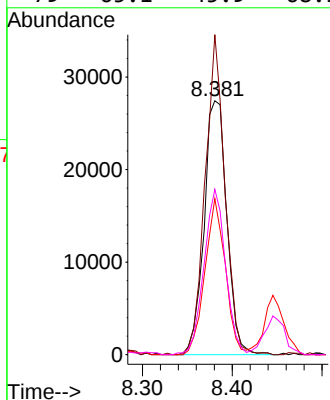
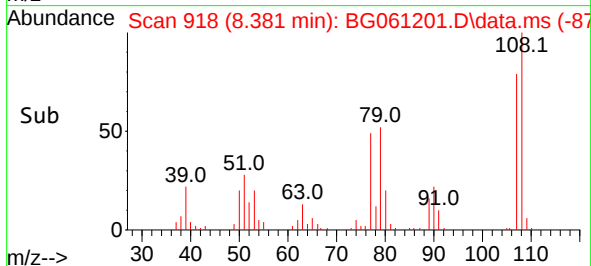


#17
2-Methylphenol
Concen: 47.164 ng
RT: 8.381 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Instrument :
BNA_G
ClientSampleId :
PB160903BS

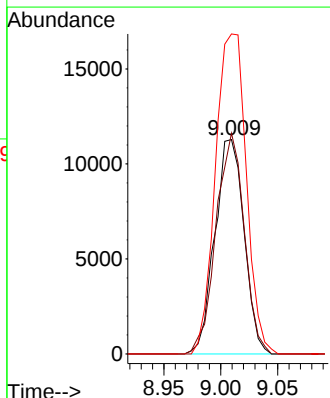
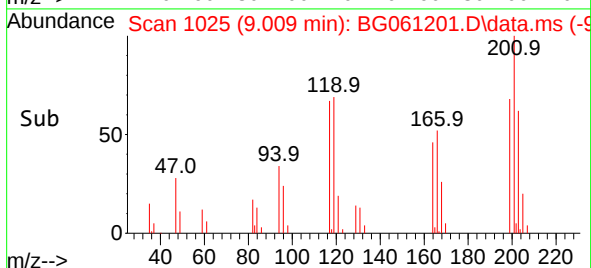
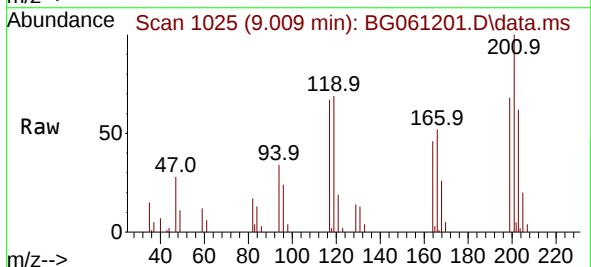


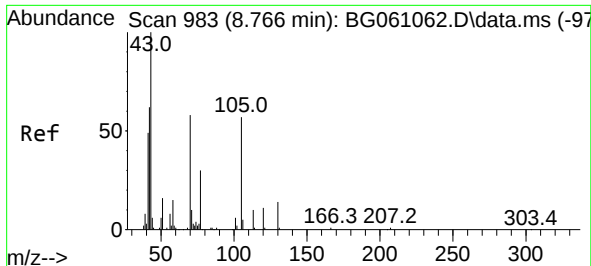
Tgt Ion:	107	Resp:	48288
Ion	Ratio	Lower	Upper
107	100		
108	126.0	91.4	137.2
77	61.4	49.4	74.2
79	65.1	45.9	68.9



#18
Hexachloroethane
Concen: 39.571 ng
RT: 9.009 min Scan# 1025
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:	117	Resp:	20156
Ion	Ratio	Lower	Upper
117	100		
119	102.9	71.4	107.0
201	149.2	105.8	158.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.981 ng

RT: 8.733 min Scan# 91

Delta R.T. -0.033 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

Tgt Ion: 70 Resp: 43327

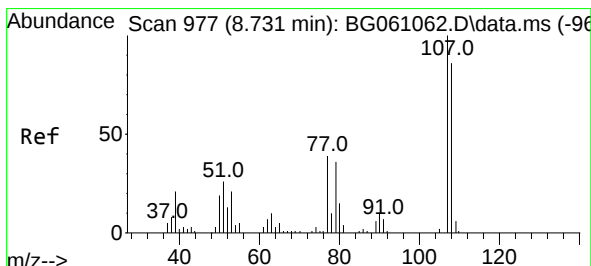
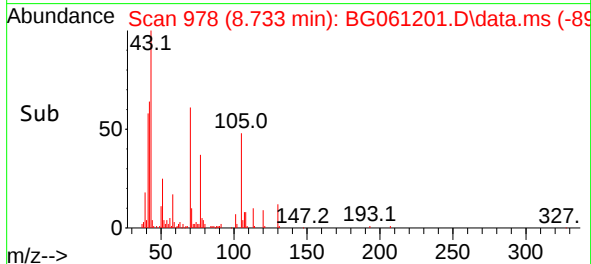
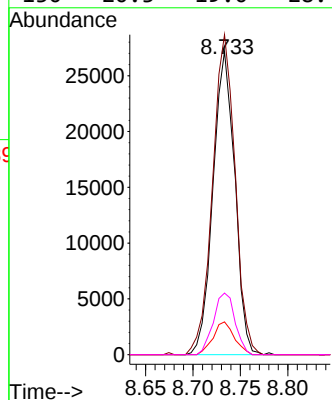
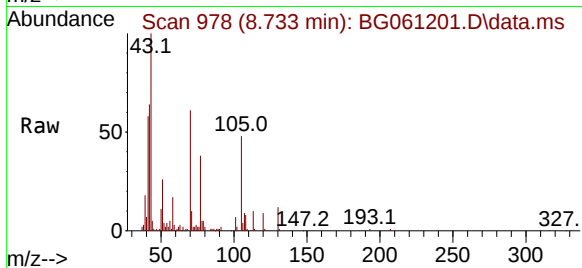
Ion Ratio Lower Upper

70 100

42 105.5 86.4 129.6

101 10.8 7.8 11.8

130 20.3 19.0 28.4



#20

3+4-Methylphenols

Concen: 44.591 ng

RT: 8.710 min Scan# 974

Delta R.T. -0.021 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Tgt Ion:107 Resp: 65866

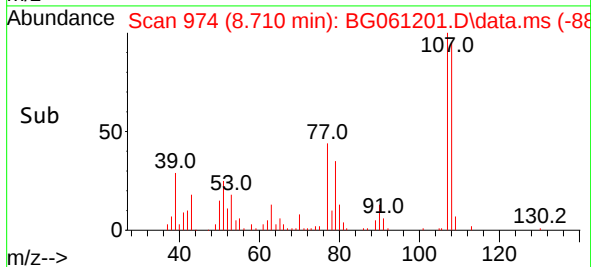
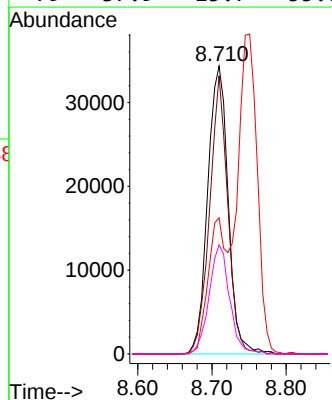
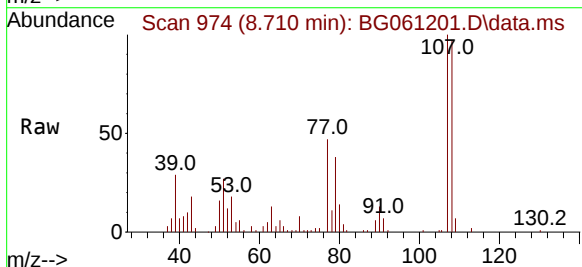
Ion Ratio Lower Upper

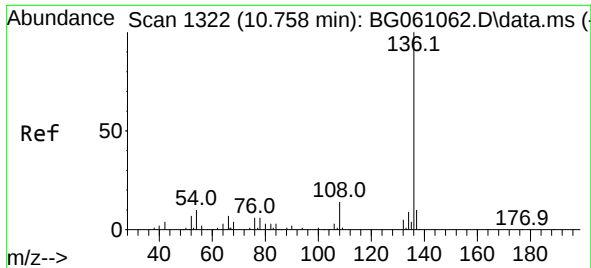
107 100

108 96.6 65.7 105.7

77 47.3 19.4 59.4

79 37.9 15.7 55.7

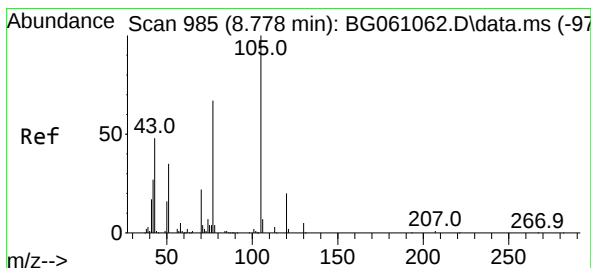
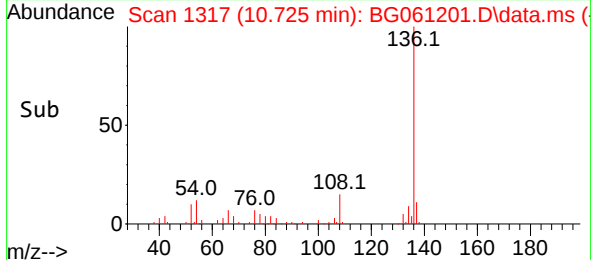
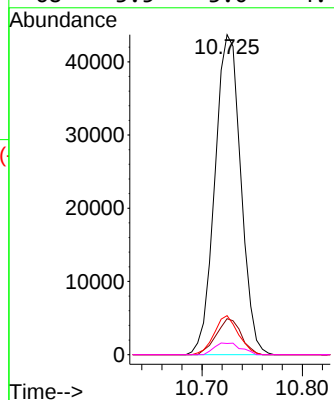
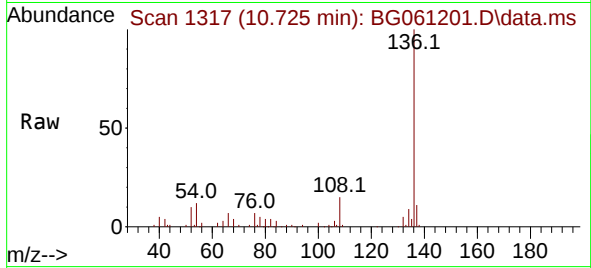




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

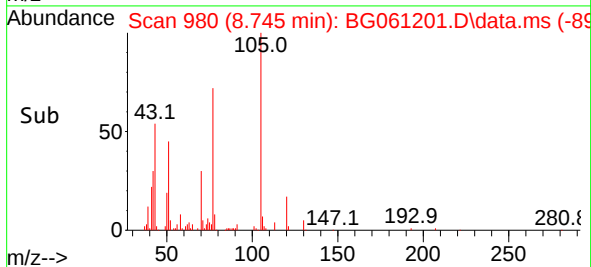
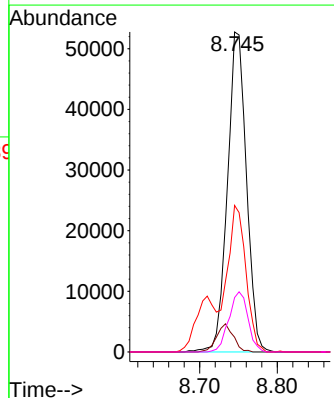
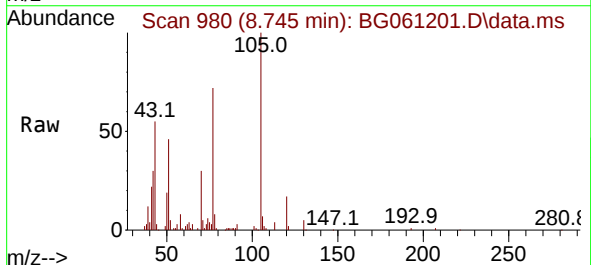
Instrument :
BNA_G
ClientSampleId :
PB160903BS

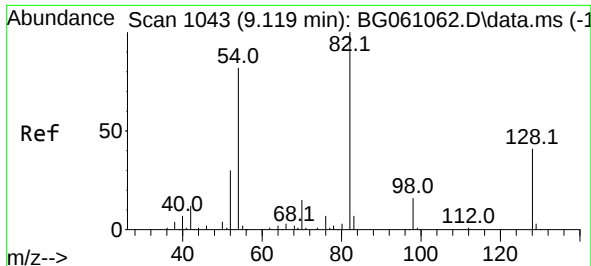
Tgt Ion:136 Resp: 78322
Ion Ratio Lower Upper
136 100
137 11.3 7.8 11.6
54 12.2 8.1 12.1#
68 3.5 3.0 4.4



#22
Acetophenone
Concen: 46.115 ng
RT: 8.745 min Scan# 980
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:105 Resp: 89950
Ion Ratio Lower Upper
105 100
71 4.6 3.3 4.9
51 45.8 36.7 55.1
120 17.0 15.7 23.5





#23

Nitrobenzene-d5

Concen: 86.675 ng

RT: 9.086 min Scan# 1038

Delta R.T. -0.033 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

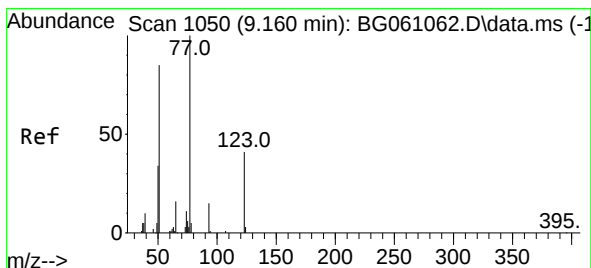
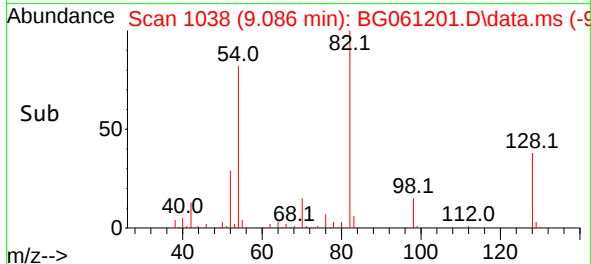
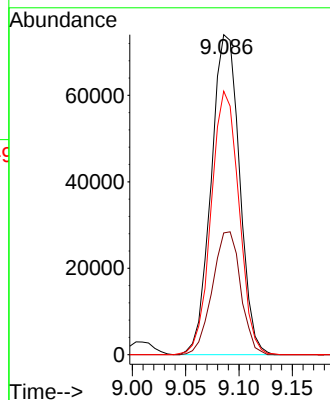
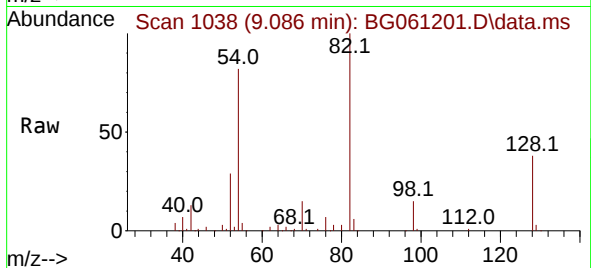
Tgt Ion: 82 Resp: 136942

Ion Ratio Lower Upper

82 100

128 38.0 32.7 49.1

54 82.4 65.6 98.4



#24

Nitrobenzene

Concen: 43.573 ng

RT: 9.133 min Scan# 1046

Delta R.T. -0.027 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

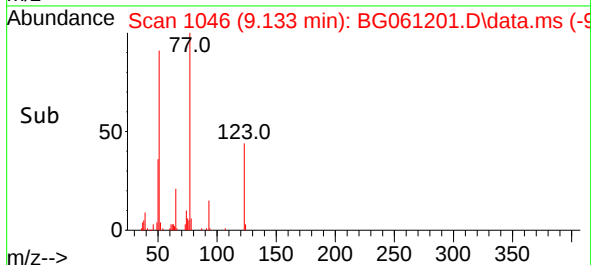
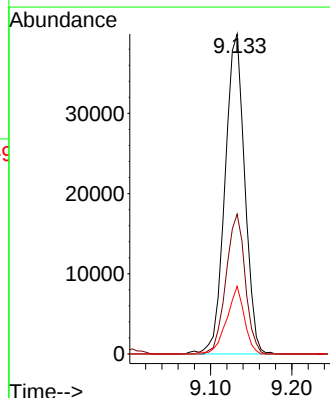
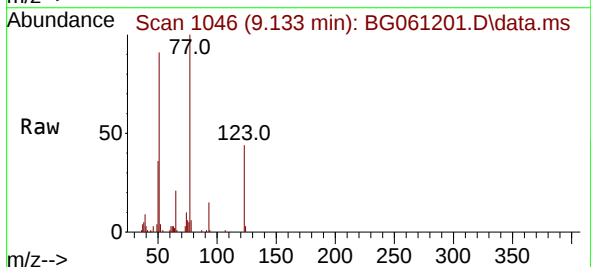
Tgt Ion: 77 Resp: 67348

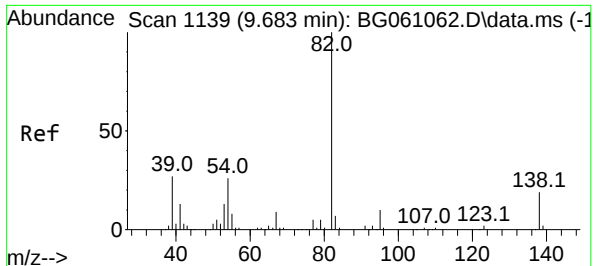
Ion Ratio Lower Upper

77 100

123 43.7 33.1 49.7

65 21.1 13.1 19.7#

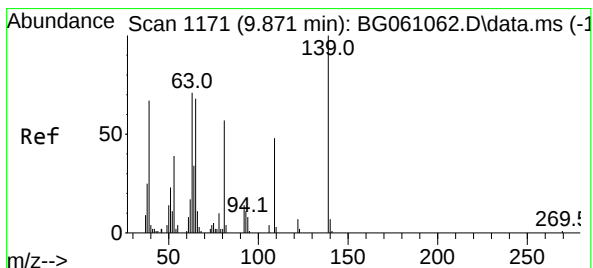
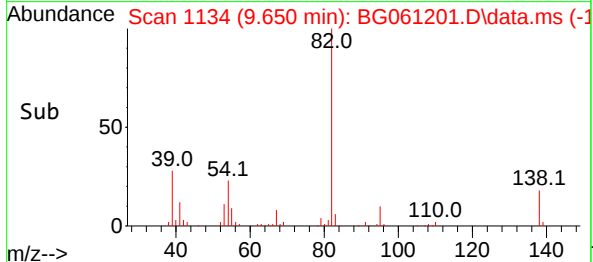
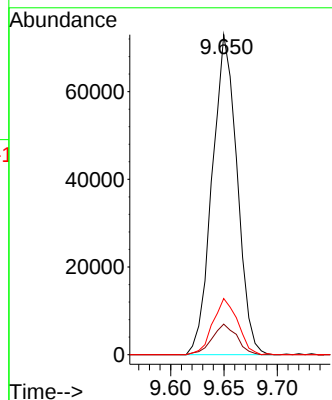
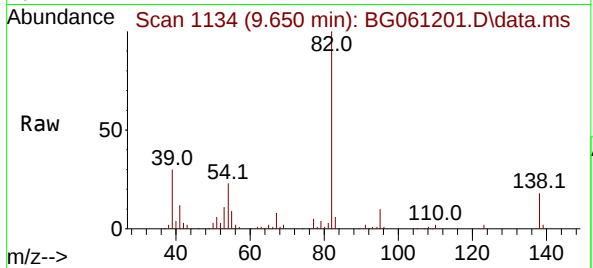




#25
Isophorone
Concen: 40.509 ng
RT: 9.650 min Scan# 1134
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

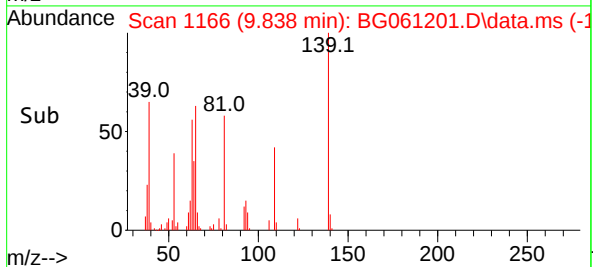
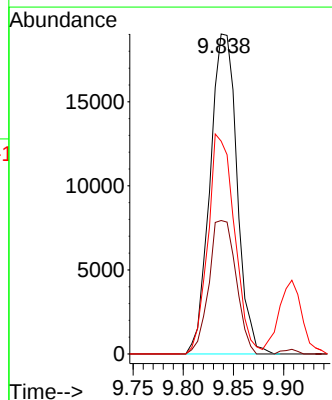
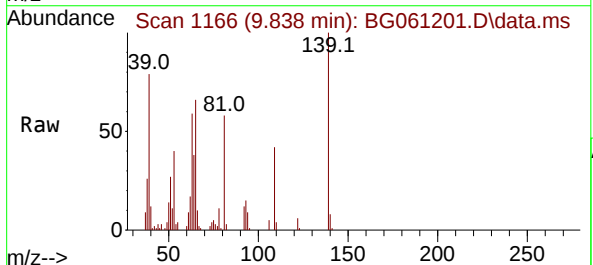
Instrument :
BNA_G
ClientSampleId :
PB160903BS

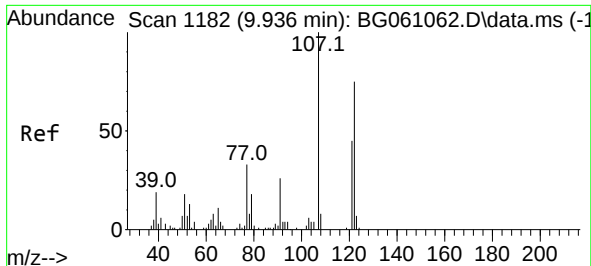
Tgt Ion: 82 Resp: 118310
Ion Ratio Lower Upper
82 100
95 9.5 8.3 12.5
138 17.6 15.2 22.8



#26
2-Nitrophenol
Concen: 48.559 ng
RT: 9.838 min Scan# 1166
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:139 Resp: 35560
Ion Ratio Lower Upper
139 100
109 41.7 38.5 57.7
65 66.5 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 50.344 ng

RT: 9.908 min Scan# 1182

Delta R.T. -0.027 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

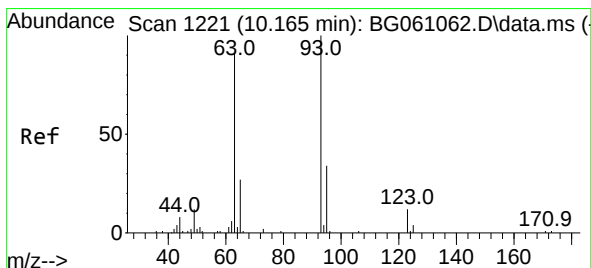
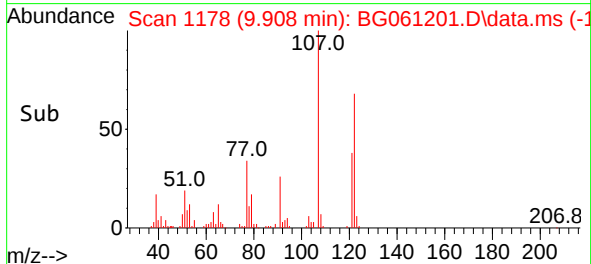
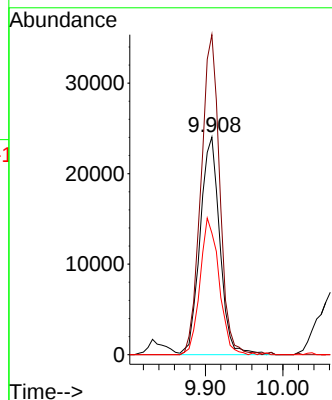
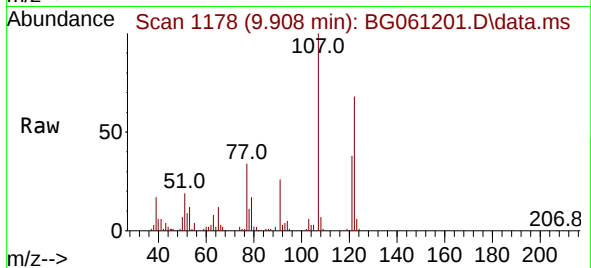
Tgt Ion:122 Resp: 42504

Ion Ratio Lower Upper

122 100

107 147.1 106.9 160.3

121 55.9 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 45.931 ng

RT: 10.132 min Scan# 1216

Delta R.T. -0.033 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

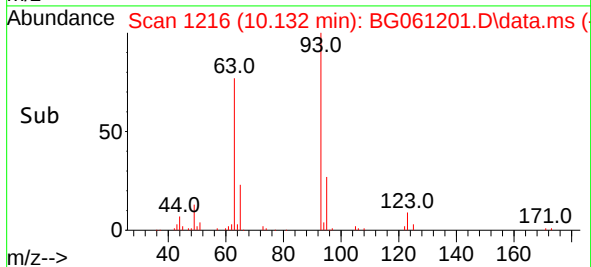
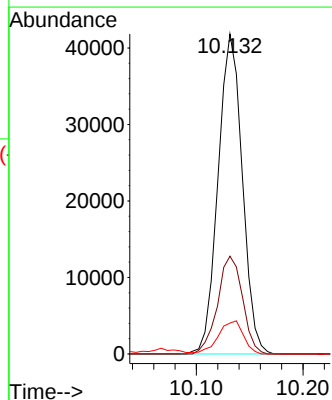
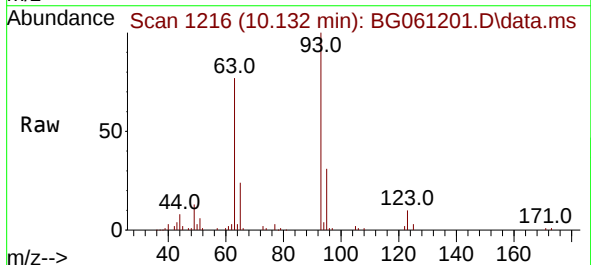
Tgt Ion: 93 Resp: 65836

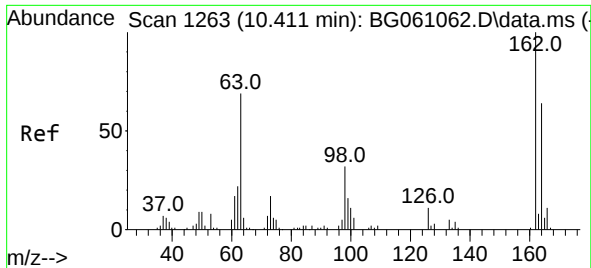
Ion Ratio Lower Upper

93 100

95 30.6 27.4 41.0

123 9.7 9.7 14.5#





#29

2,4-Dichlorophenol

Concen: 48.816 ng

RT: 10.384 min Scan# 1259

Delta R.T. -0.027 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

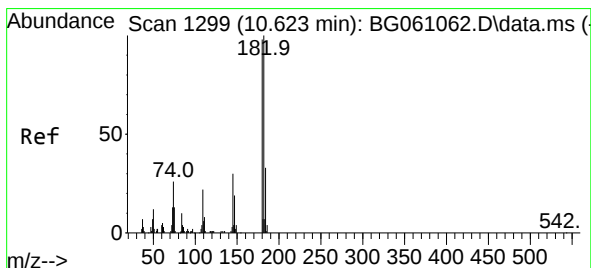
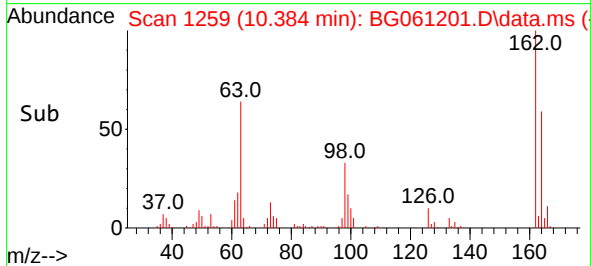
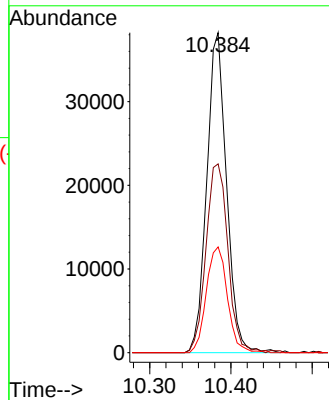
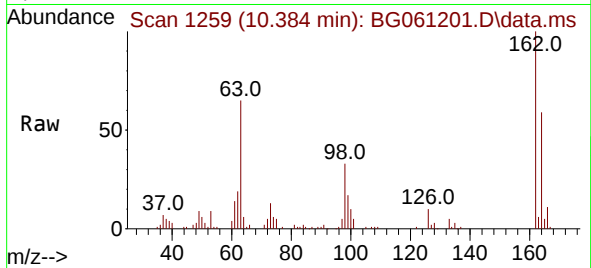
Tgt Ion:162 Resp: 64575

Ion Ratio Lower Upper

162 100

164 59.0 43.6 83.6

98 33.0 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 42.062 ng

RT: 10.590 min Scan# 1294

Delta R.T. -0.033 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

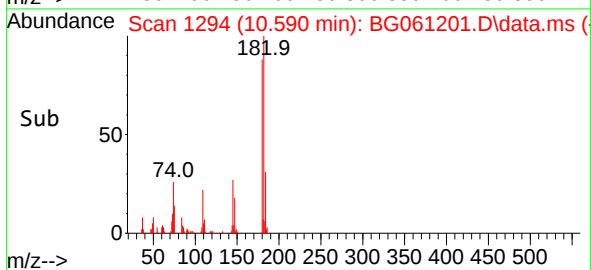
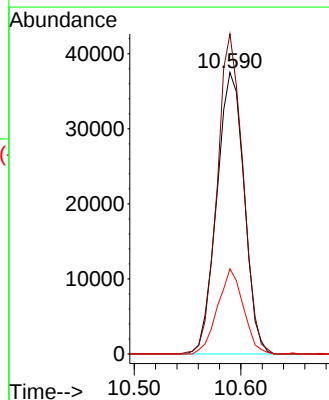
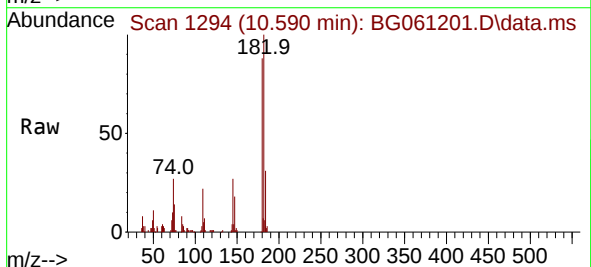
Tgt Ion:180 Resp: 67043

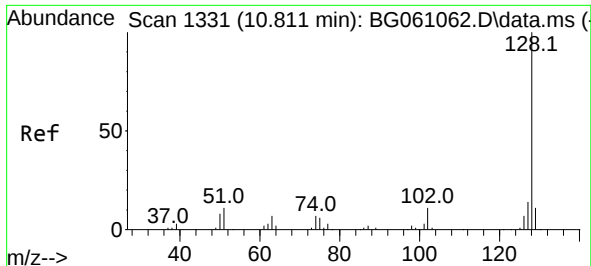
Ion Ratio Lower Upper

180 100

182 113.7 81.7 122.5

145 30.2 24.5 36.7

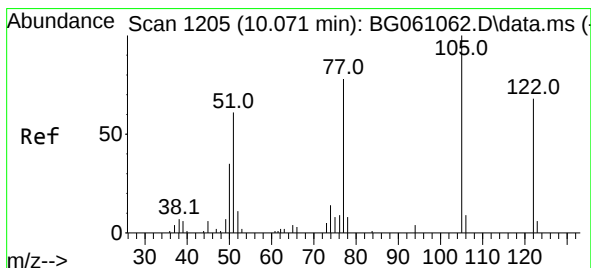
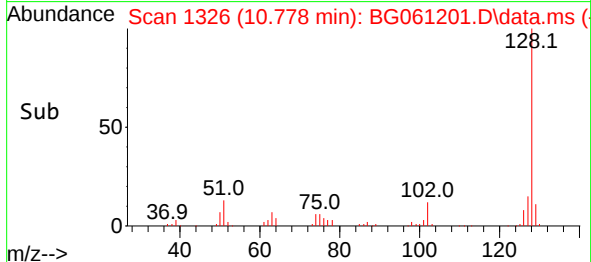
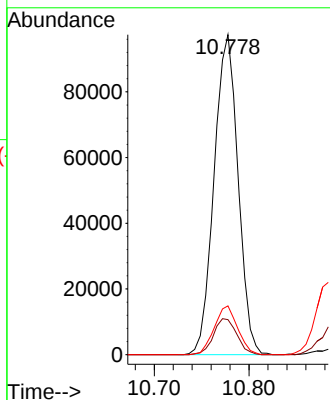
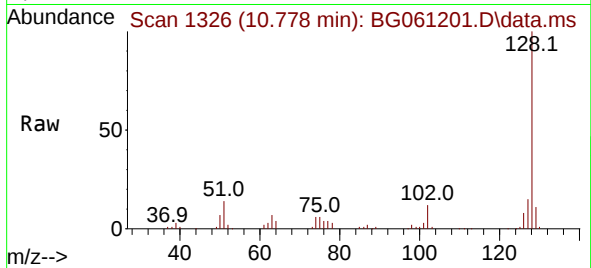




#31
Naphthalene
Concen: 42.034 ng
RT: 10.778 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

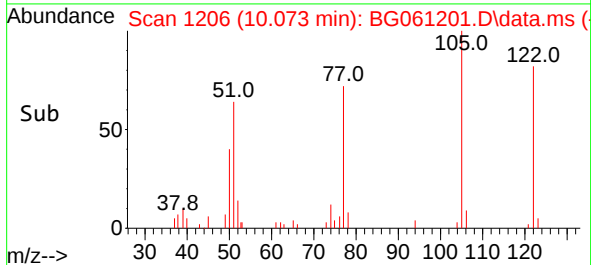
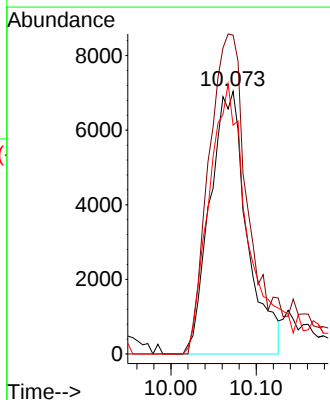
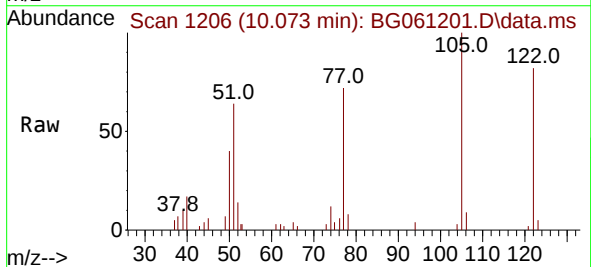
Instrument :
BNA_G
ClientSampleId :
PB160903BS

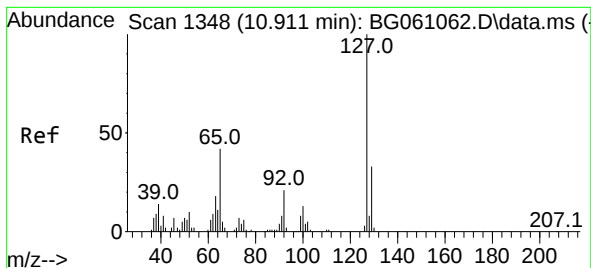
Tgt Ion:128 Resp: 171099
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 15.3 11.1 16.7



#32
Benzoic acid
Concen: 21.778 ng
RT: 10.073 min Scan# 1206
Delta R.T. 0.002 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:122 Resp: 21255
Ion Ratio Lower Upper
122 100
105 121.4 123.3 163.3#
77 87.2 93.2 133.2#

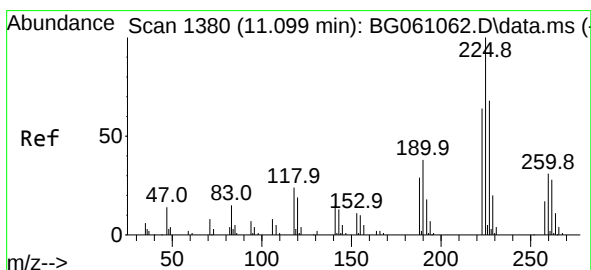
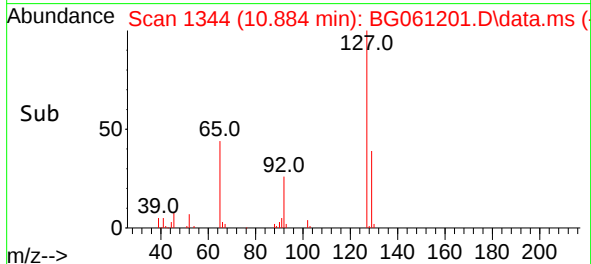
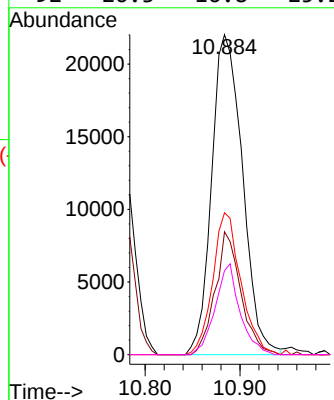
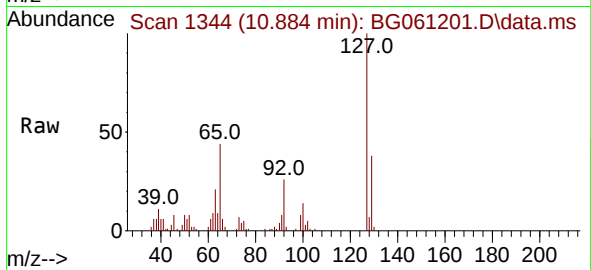




#33
4-Chloroaniline
Concen: 30.627 ng
RT: 10.884 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

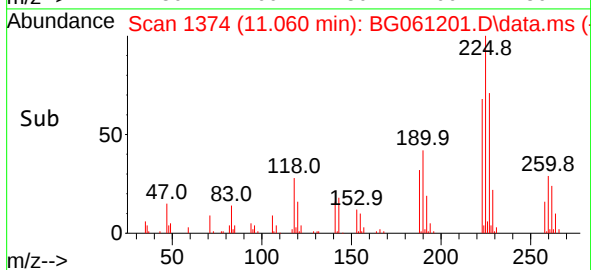
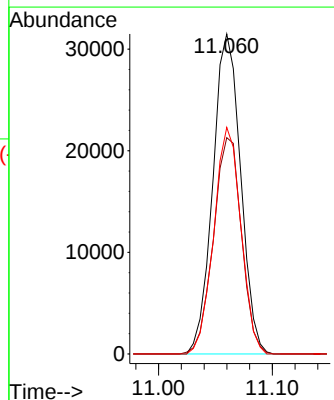
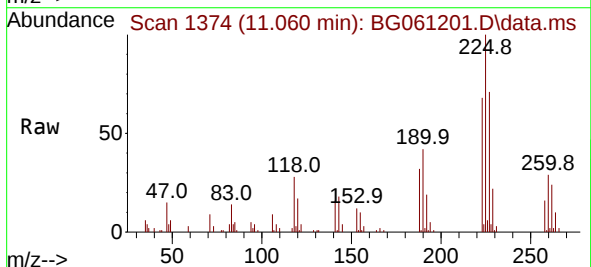
Instrument :
BNA_G
ClientSampleId :
PB160903BS

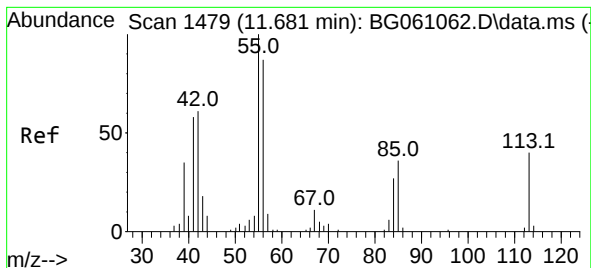
Tgt Ion:	127	Resp:	49720
Ion Ratio	Lower	Upper	
127	100		
129	38.4	26.6	39.8
65	44.4	33.6	50.4
92	26.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.024 ng
RT: 11.060 min Scan# 1374
Delta R.T. -0.039 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:	225	Resp:	53371
Ion Ratio	Lower	Upper	
225	100		
223	67.6	51.0	76.4
227	70.8	54.6	82.0





#35

Caprolactam

Concen: 35.329 ng

RT: 11.665 min Scan# 14

Delta R.T. -0.016 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

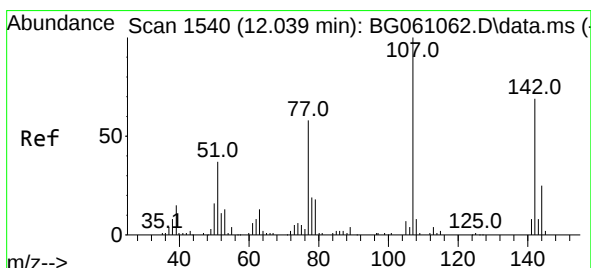
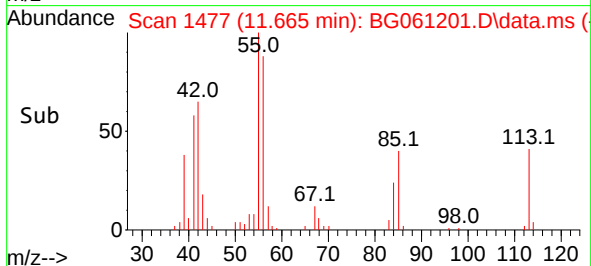
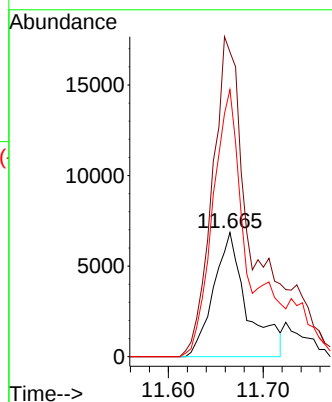
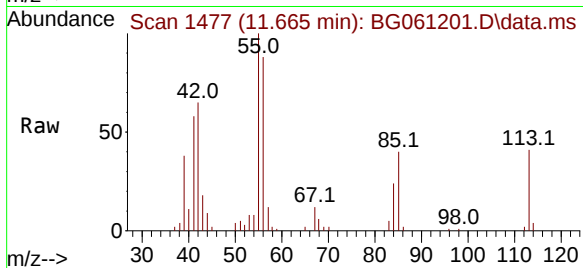
Tgt Ion:113 Resp: 16830

Ion Ratio Lower Upper

113 100

55 245.3 227.6 267.6

56 215.0 195.1 235.1



#36

4-Chloro-3-methylphenol

Concen: 44.071 ng

RT: 12.023 min Scan# 1538

Delta R.T. -0.016 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

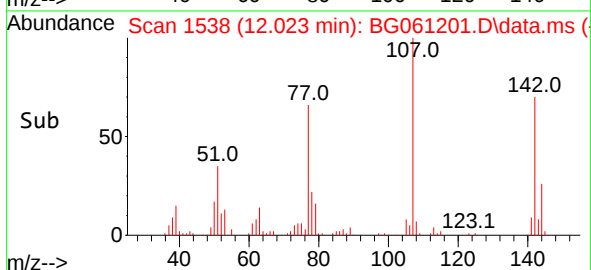
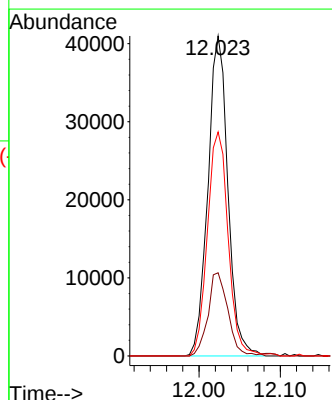
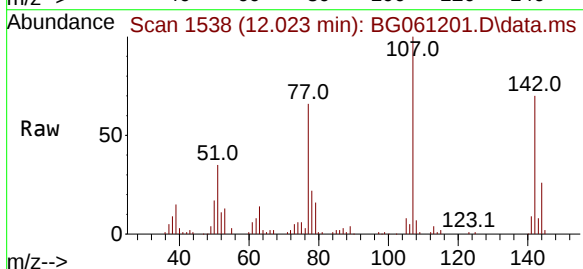
Tgt Ion:107 Resp: 70299

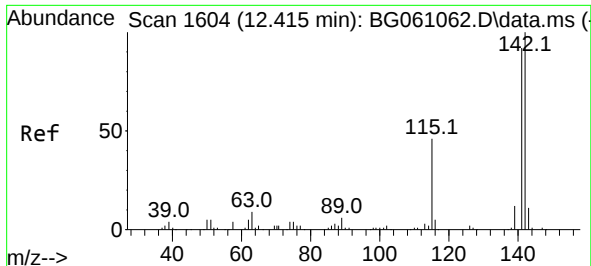
Ion Ratio Lower Upper

107 100

144 26.0 20.2 30.4

142 70.0 55.6 83.4

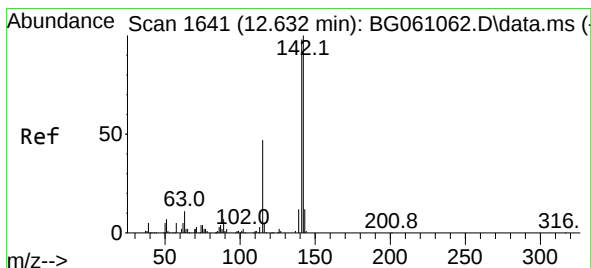
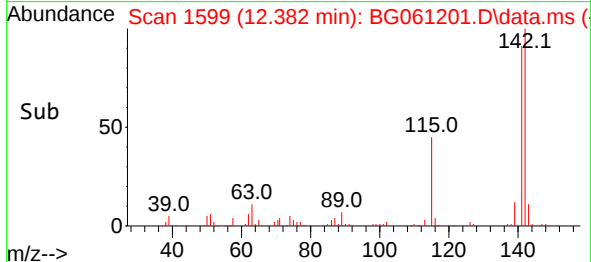
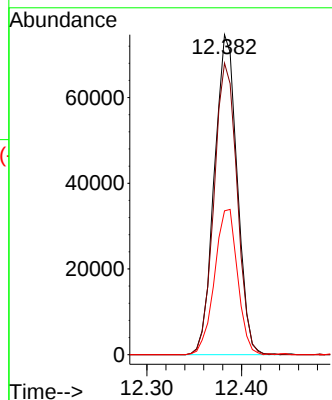
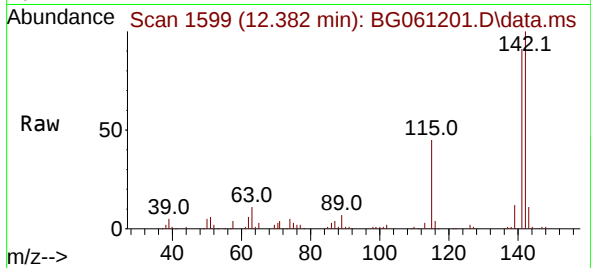




#37
2-Methylnaphthalene
Concen: 40.858 ng
RT: 12.382 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

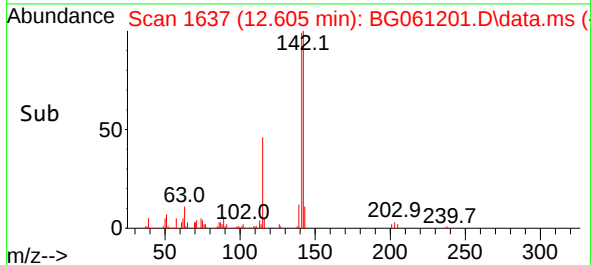
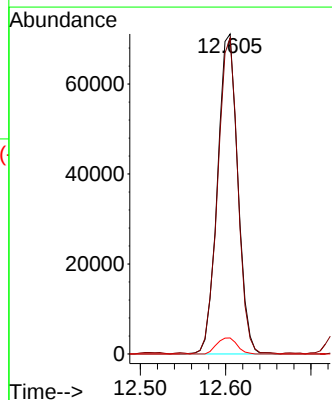
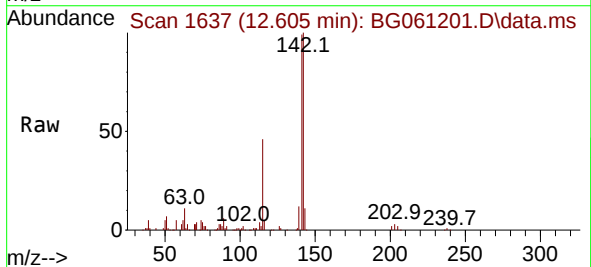
Instrument :
BNA_G
ClientSampleId :
PB160903BS

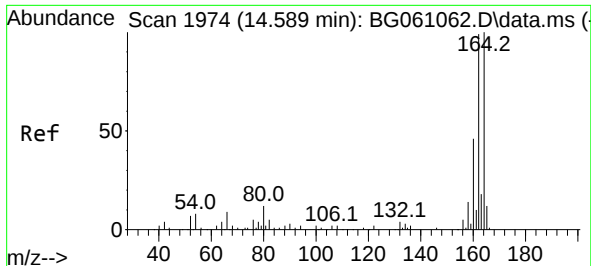
Tgt Ion:142 Resp: 124631
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.8
115 45.0 36.9 55.3



#38
1-Methylnaphthalene
Concen: 38.301 ng
RT: 12.605 min Scan# 1637
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:142 Resp: 117617
Ion Ratio Lower Upper
142 100
141 98.8 78.4 117.6
116 5.0 4.3 6.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1974

Delta R.T. -0.027 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

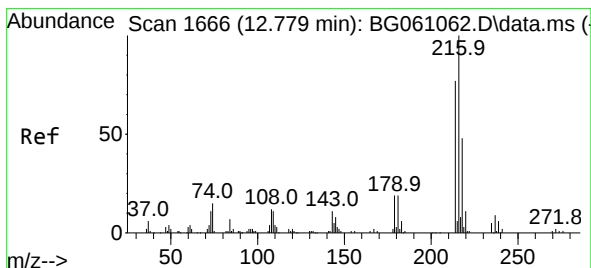
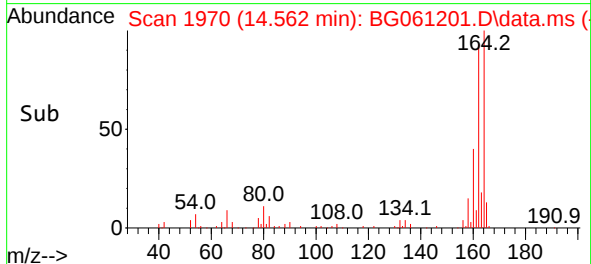
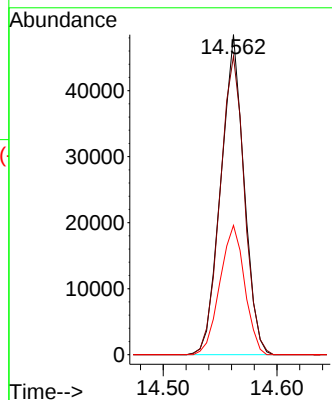
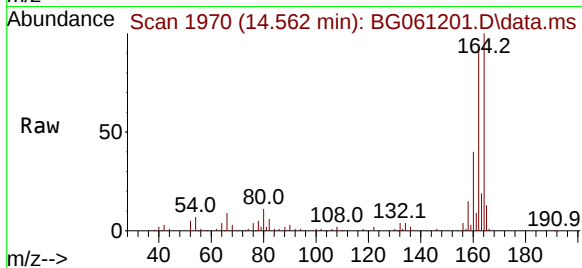
Tgt Ion:164 Resp: 68608

Ion Ratio Lower Upper

164 100

162 93.3 79.4 119.2

160 40.4 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.807 ng

RT: 12.752 min Scan# 1662

Delta R.T. -0.027 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Tgt Ion:216 Resp: 100303

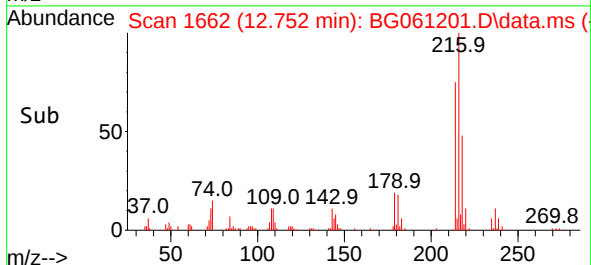
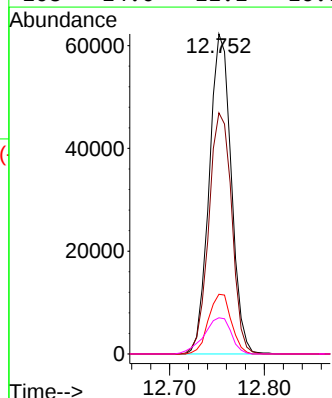
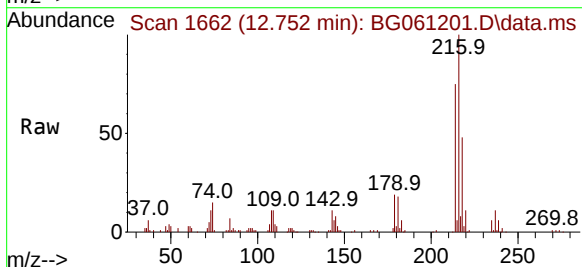
Ion Ratio Lower Upper

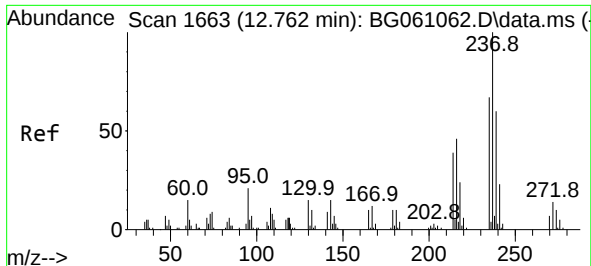
216 100

214 78.5 64.2 96.2

179 19.3 15.4 23.2

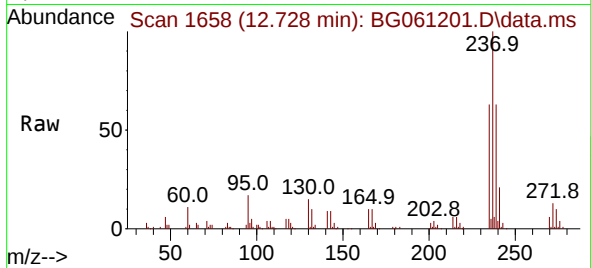
108 14.0 11.1 16.7



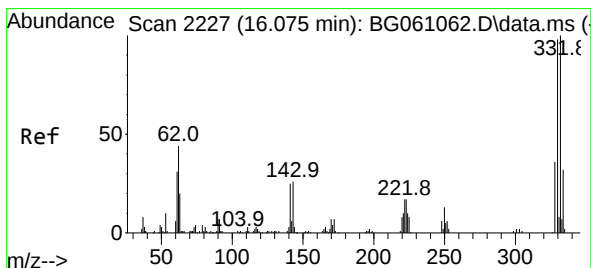
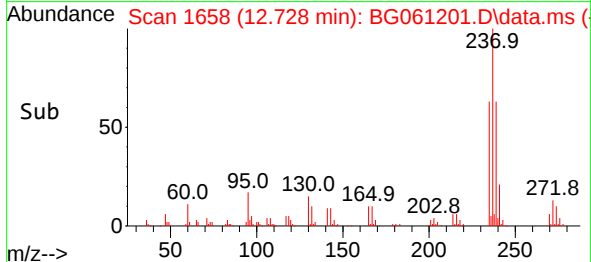
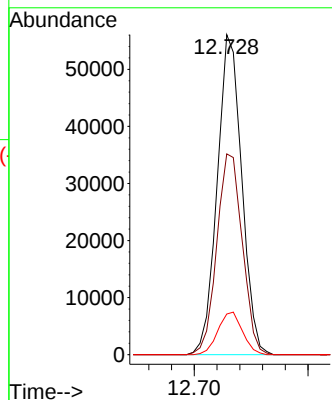


#41
Hexachlorocyclopentadiene
Concen: 95.887 ng
RT: 12.728 min Scan# 1658
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Instrument :
BNA_G
ClientSampleId :
PB160903BS

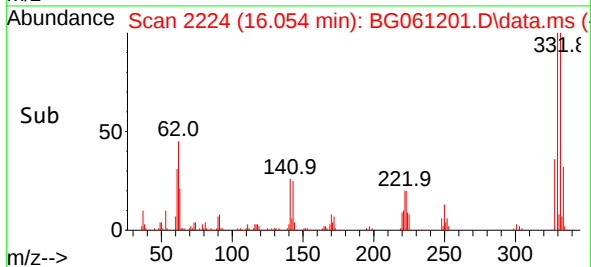
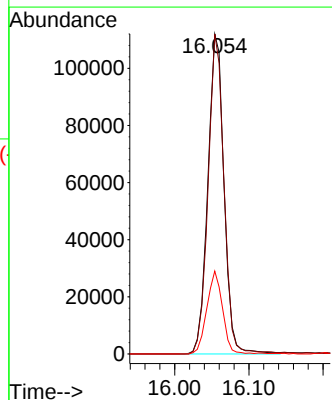
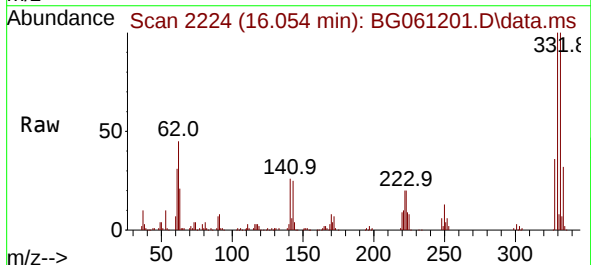


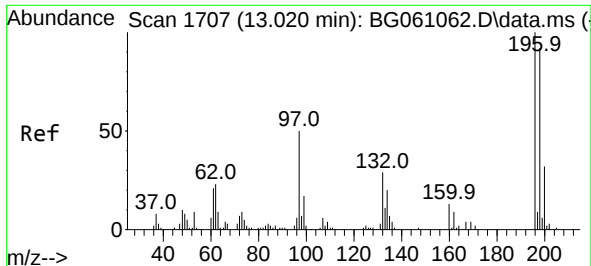
Tgt Ion:237 Resp: 84046
Ion Ratio Lower Upper
237 100
235 62.7 46.5 86.5
272 12.7 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 123.685 ng
RT: 16.054 min Scan# 2224
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:330 Resp: 169616
Ion Ratio Lower Upper
330 100
332 98.4 78.6 117.8
141 25.1 20.5 30.7

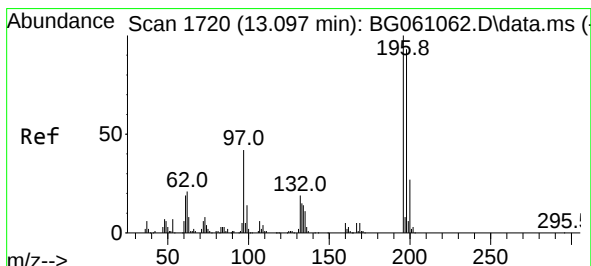
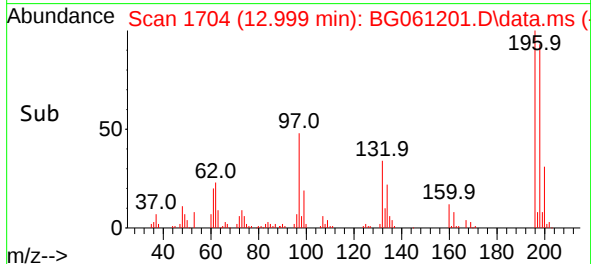
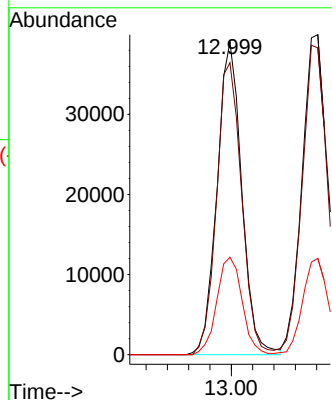
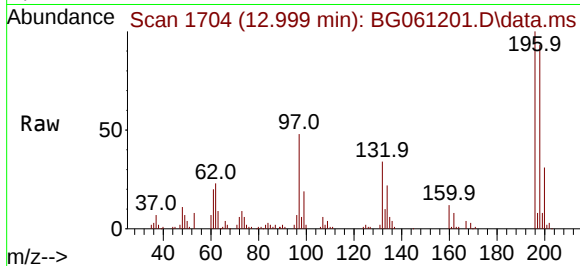




#43
2,4,6-Trichlorophenol
Concen: 42.600 ng
RT: 12.999 min Scan# 1717
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

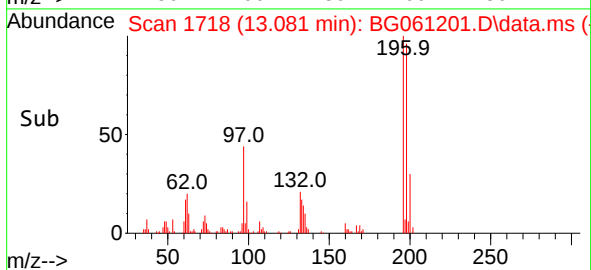
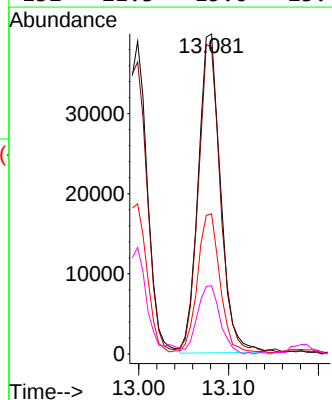
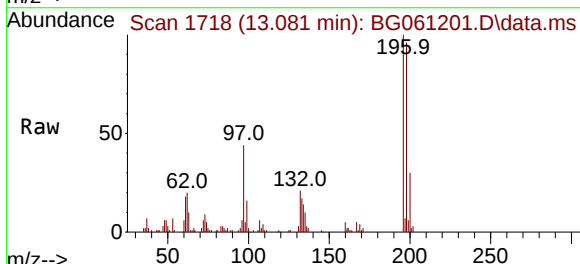
Instrument :
BNA_G
ClientSampleId :
PB160903BS

Tgt Ion:196 Resp: 62621
Ion Ratio Lower Upper
196 100
198 93.4 73.8 110.6
200 31.2 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 41.321 ng
RT: 13.081 min Scan# 1718
Delta R.T. -0.016 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:196 Resp: 68745
Ion Ratio Lower Upper
196 100
198 95.9 74.3 111.5
97 43.8 33.6 50.4
132 21.3 15.6 23.4

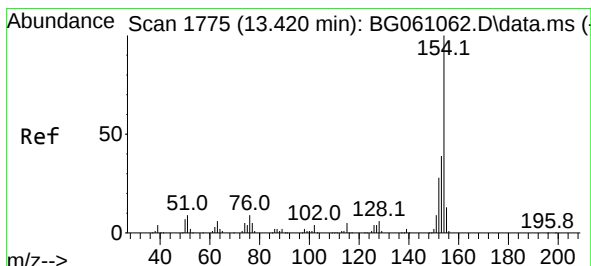
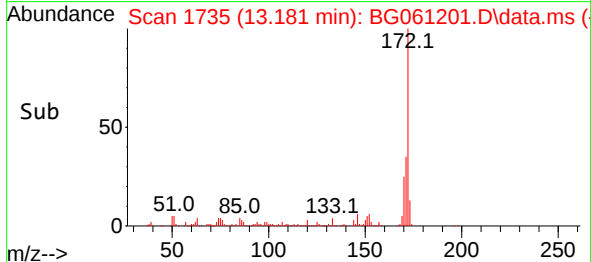
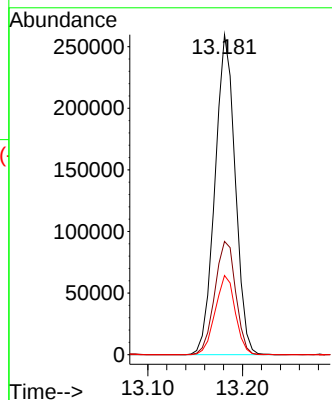
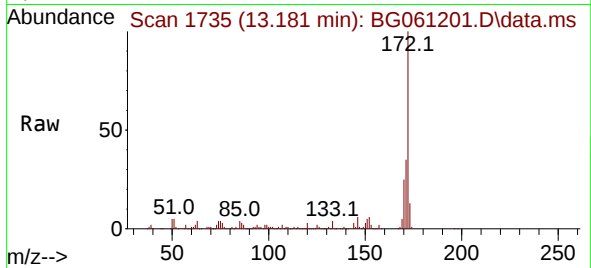




#45
2-Fluorobiphenyl
Concen: 82.924 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

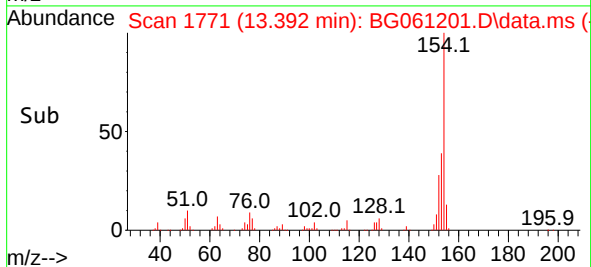
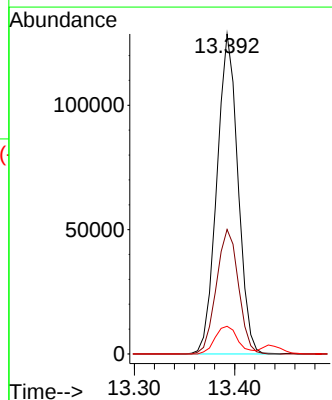
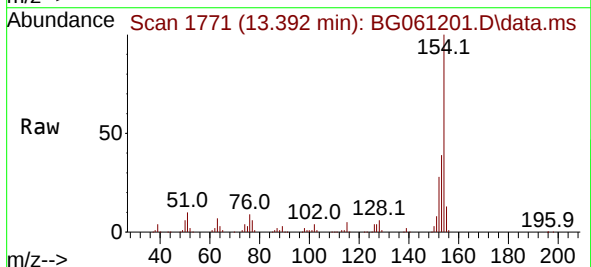
Instrument :
BNA_G
ClientSampleId :
PB160903BS

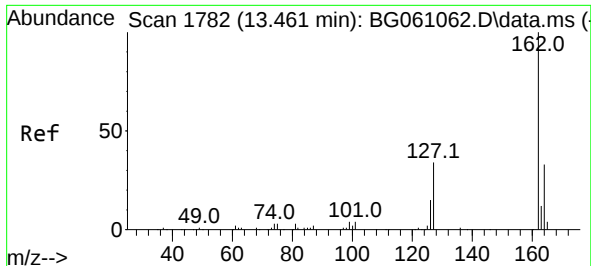
Tgt Ion:172 Resp: 384742
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 24.8 20.2 30.4



#46
1,1'-Biphenyl
Concen: 42.563 ng
RT: 13.392 min Scan# 1771
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:154 Resp: 187236
Ion Ratio Lower Upper
154 100
153 38.9 19.3 59.3
76 8.6 0.0 28.8





#47

2-Chloronaphthalene

Concen: 42.395 ng

RT: 13.439 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

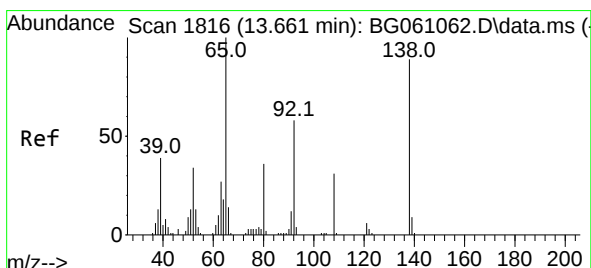
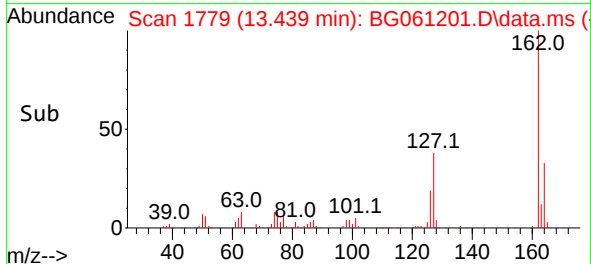
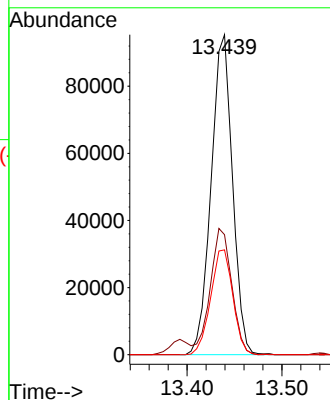
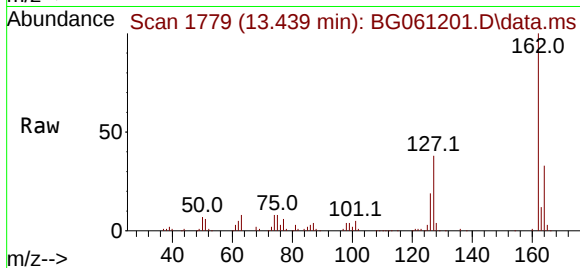
Tgt Ion:162 Resp: 149338

Ion Ratio Lower Upper

162 100

127 37.5 30.7 46.1

164 32.7 26.8 40.2



#48

2-Nitroaniline

Concen: 44.158 ng

RT: 13.639 min Scan# 1813

Delta R.T. -0.021 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

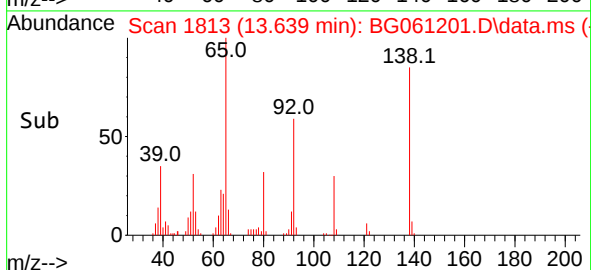
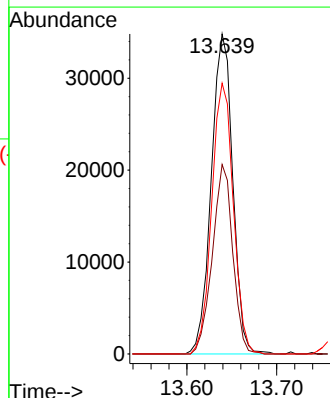
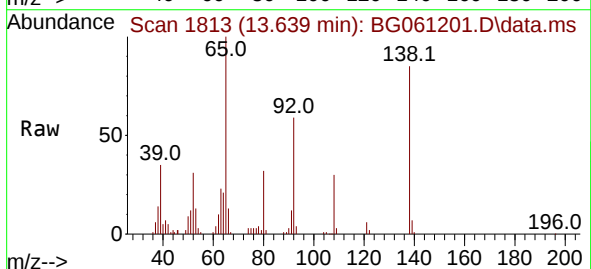
Tgt Ion: 65 Resp: 57721

Ion Ratio Lower Upper

65 100

92 59.2 46.7 70.1

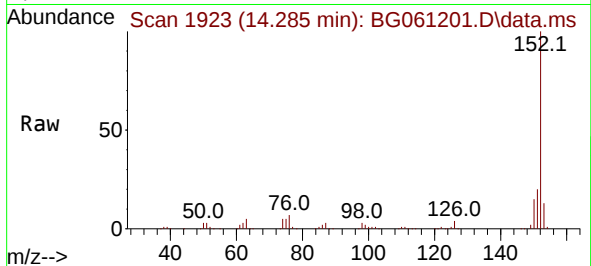
138 84.6 71.4 107.2



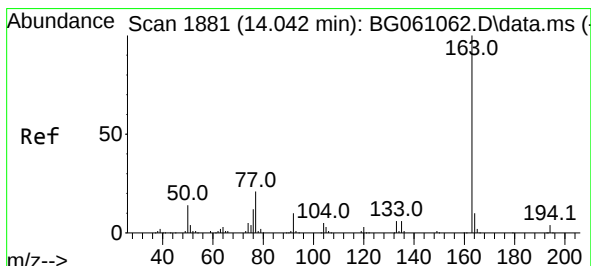
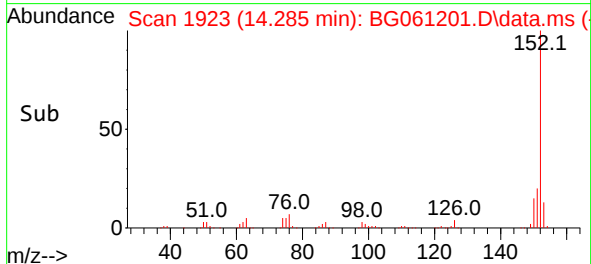
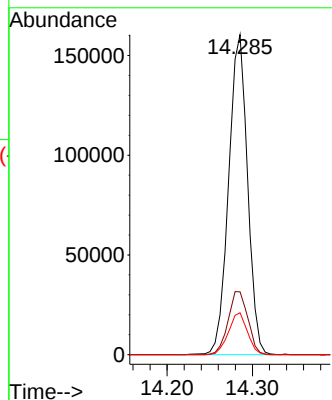


#49
Acenaphthylene
Concen: 45.706 ng
RT: 14.285 min Scan# 1926
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Instrument :
BNA_G
ClientSampleId :
PB160903BS

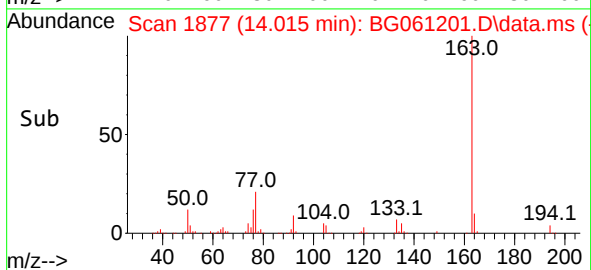
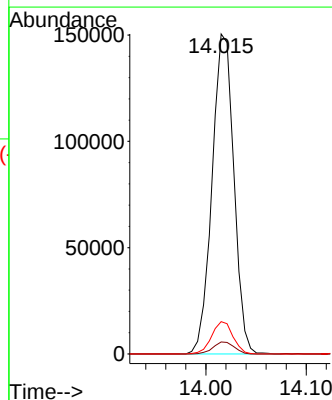
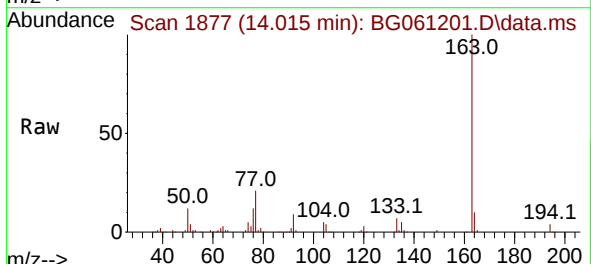


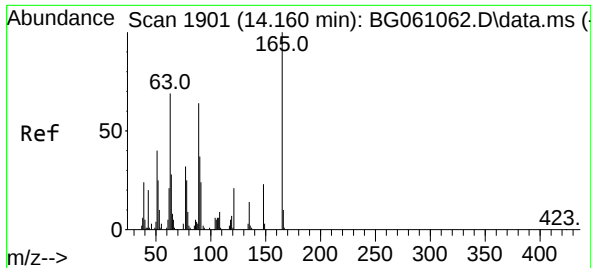
Tgt Ion:152 Resp: 247278
Ion Ratio Lower Upper
152 100
151 19.7 16.9 25.3
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 42.783 ng
RT: 14.015 min Scan# 1877
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:163 Resp: 226714
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.1 7.8 11.8

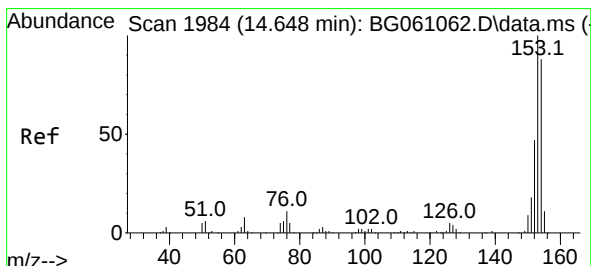
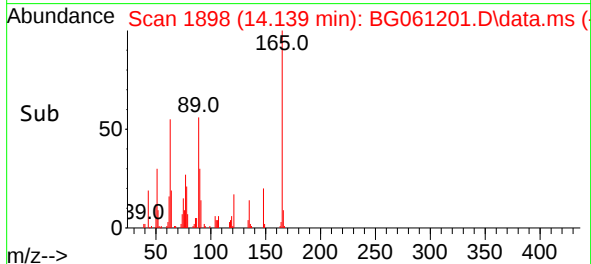
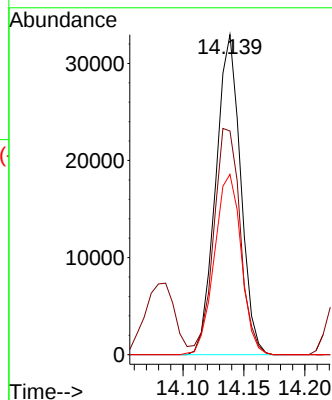
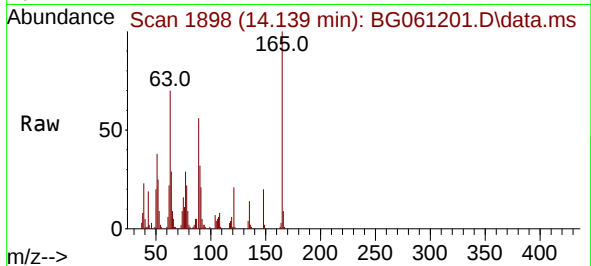




#51
2,6-Dinitrotoluene
Concen: 41.219 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

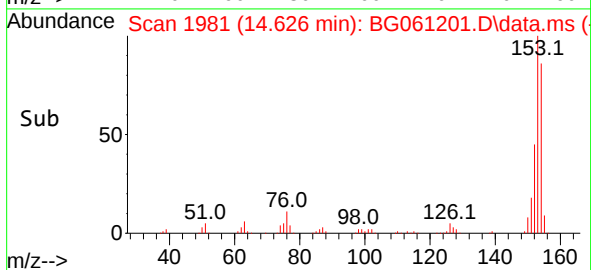
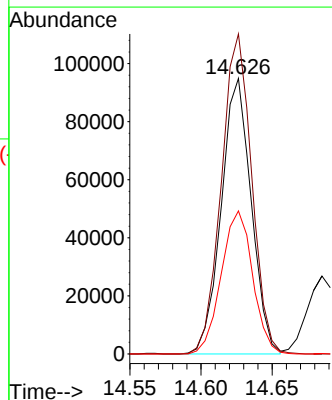
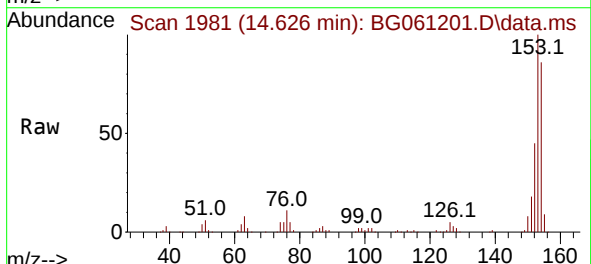
Instrument :
BNA_G
ClientSampleId :
PB160903BS

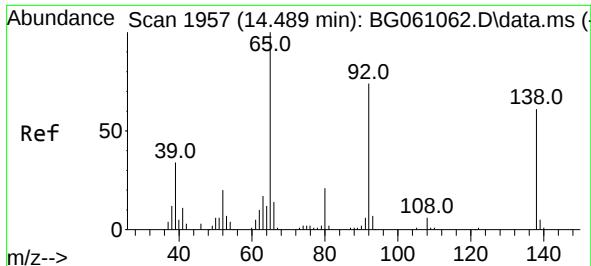
Tgt Ion:165 Resp: 46721
Ion Ratio Lower Upper
165 100
63 69.9 60.0 90.0
89 56.3 50.9 76.3



#52
Acenaphthene
Concen: 41.250 ng
RT: 14.626 min Scan# 1981
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:154 Resp: 139222
Ion Ratio Lower Upper
154 100
153 116.2 91.0 136.4
152 51.9 43.1 64.7





#53
3-Nitroaniline
Concen: 30.813 ng
RT: 14.468 min Scan# 1957
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

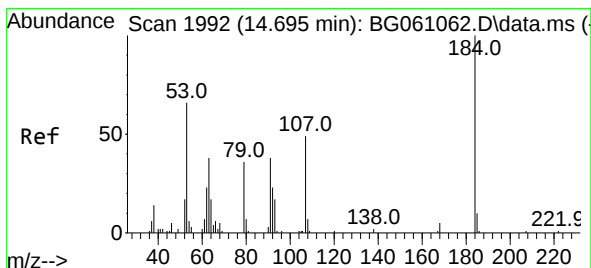
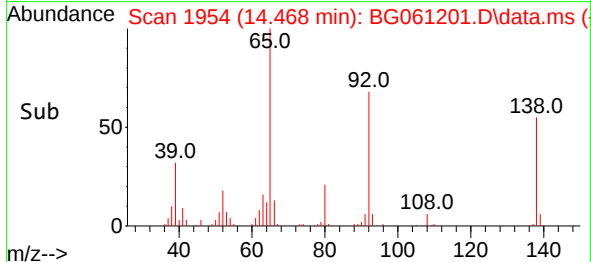
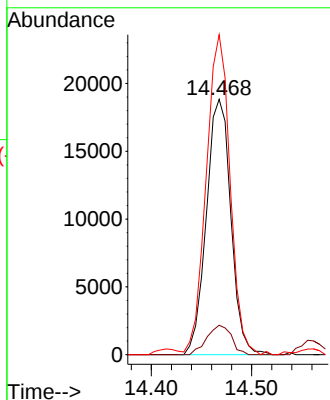
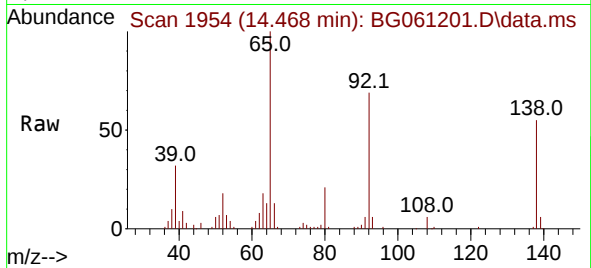
Instrument :

BNA_G

ClientSampleId :

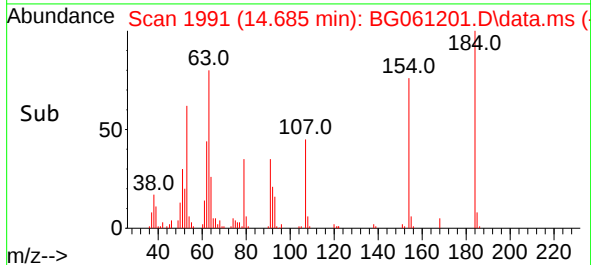
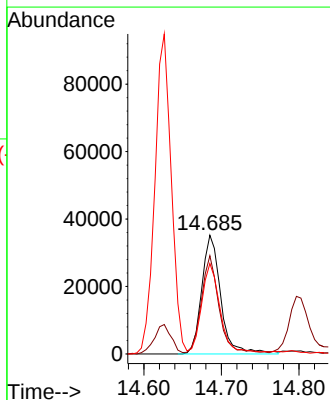
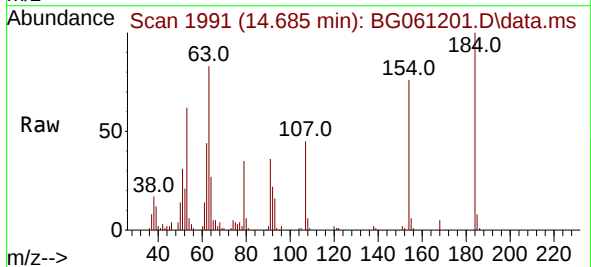
PB160903BS

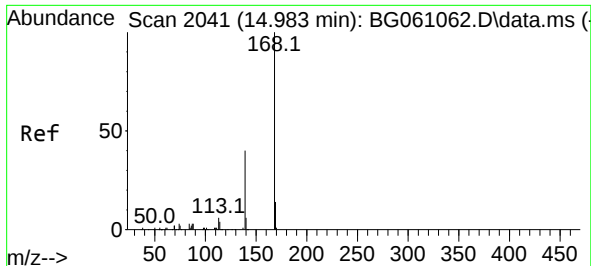
Tgt Ion:138 Resp: 31957
Ion Ratio Lower Upper
138 100
108 11.5 8.2 12.2
92 125.3 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 74.944 ng
RT: 14.685 min Scan# 1991
Delta R.T. -0.010 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:184 Resp: 60101
Ion Ratio Lower Upper
184 100
63 82.6 62.6 93.8
154 76.2 61.4 92.0

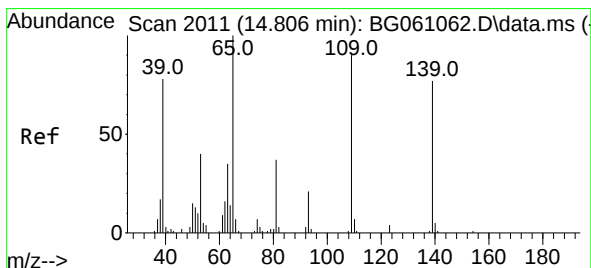
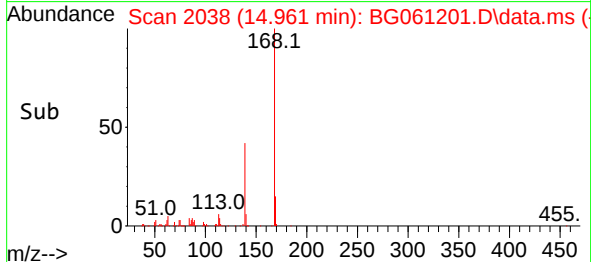
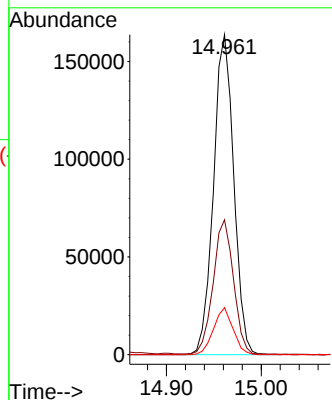
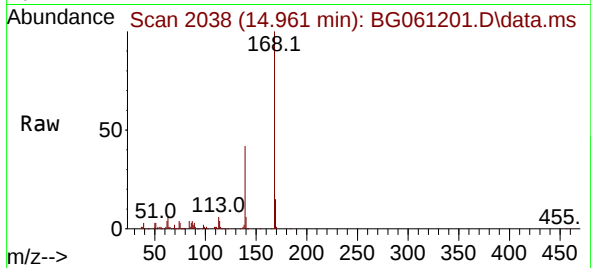




#55
Dibenzenofuran
Concen: 42.603 ng
RT: 14.961 min Scan# 2041
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

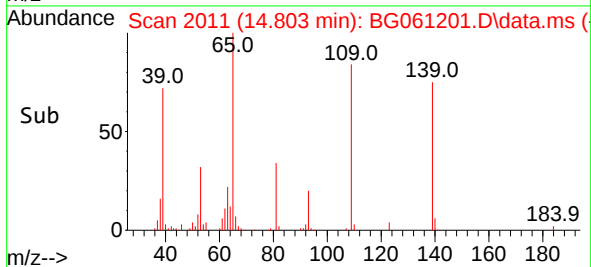
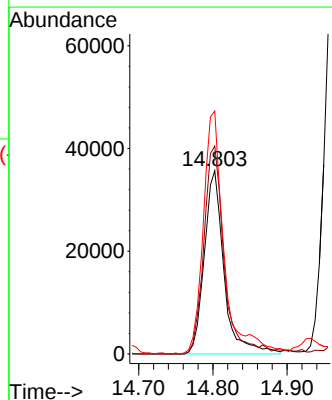
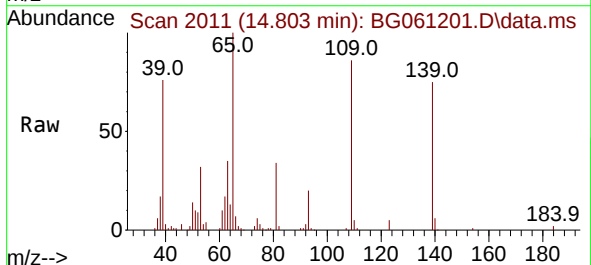
Instrument :
BNA_G
ClientSampleId :
PB160903BS

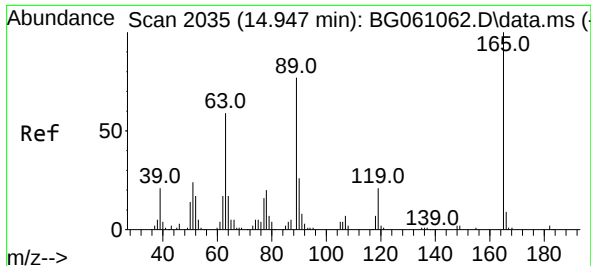
Tgt Ion:168 Resp: 242870
Ion Ratio Lower Upper
168 100
139 42.2 32.2 48.4
169 14.7 11.4 17.2



#56
4-Nitrophenol
Concen: 78.626 ng
RT: 14.803 min Scan# 2011
Delta R.T. -0.004 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:139 Resp: 65901
Ion Ratio Lower Upper
139 100
109 113.5 97.7 137.7
65 132.7 110.7 150.7

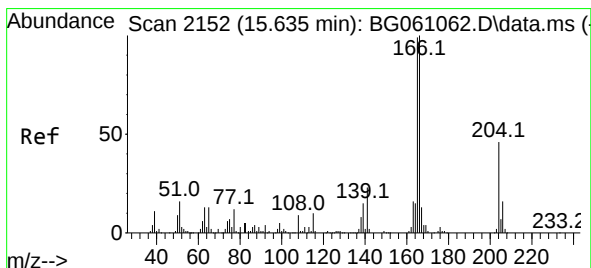
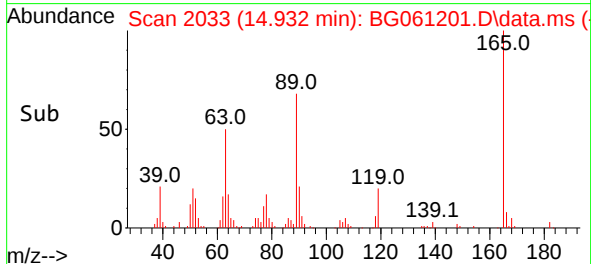
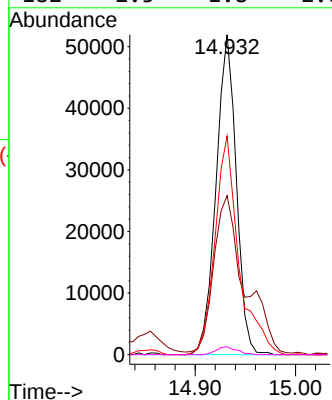
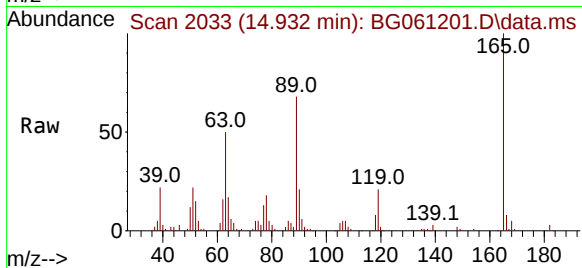




#57
2,4-Dinitrotoluene
Concen: 43.292 ng
RT: 14.932 min Scan# 2033
Delta R.T. -0.016 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

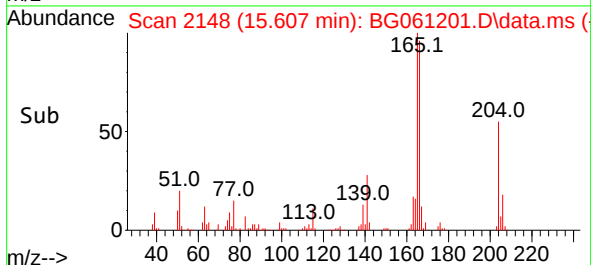
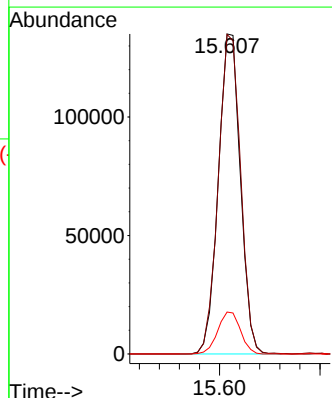
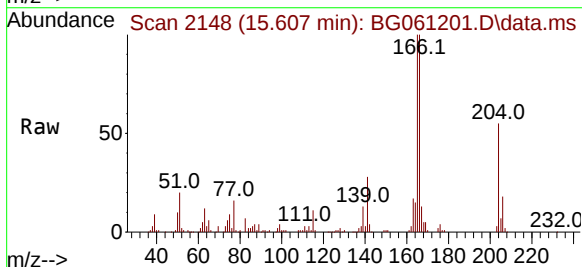
Instrument :
BNA_G
ClientSampleId :
PB160903BS

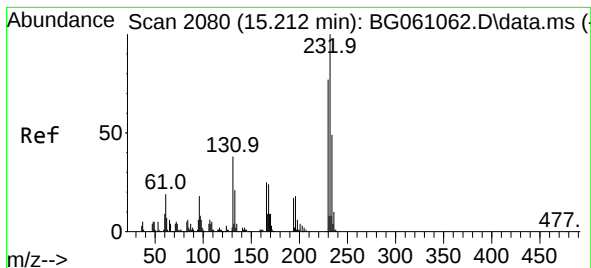
Tgt Ion:	165	Resp:	72600
Ion	Ratio	Lower	Upper
165	100		
63	49.7	47.3	70.9
89	68.3	61.8	92.8
182	2.5	1.8	2.6



#58
Fluorene
Concen: 41.645 ng
RT: 15.607 min Scan# 2148
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:	166	Resp:	205436
Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.9	118.3
167	13.1	10.6	15.8

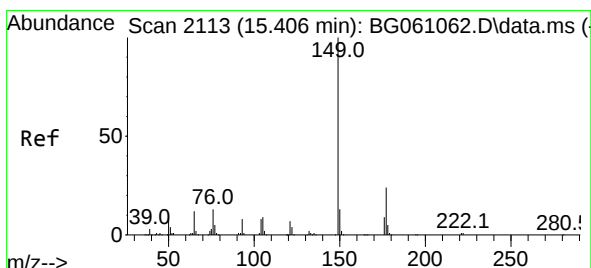
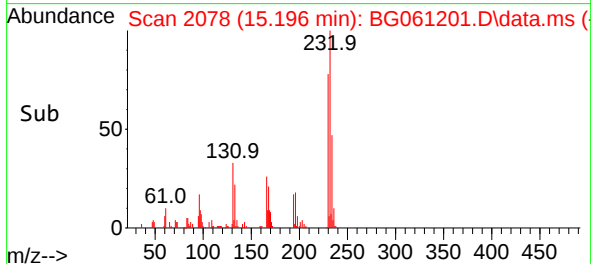
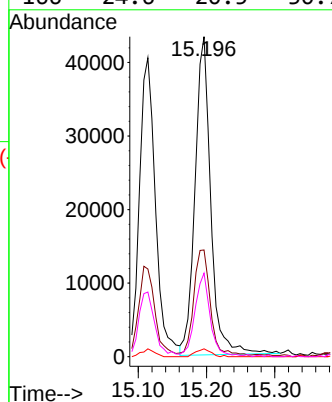
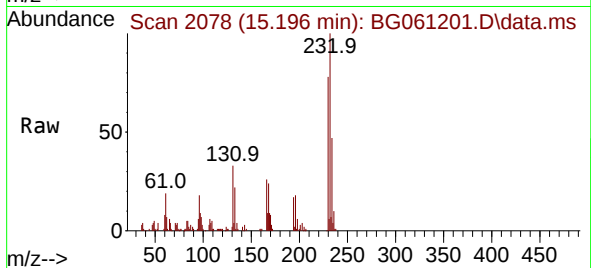




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.449 ng
RT: 15.196 min Scan# 2080
Delta R.T. -0.016 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

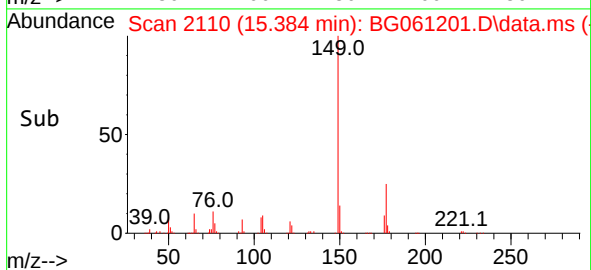
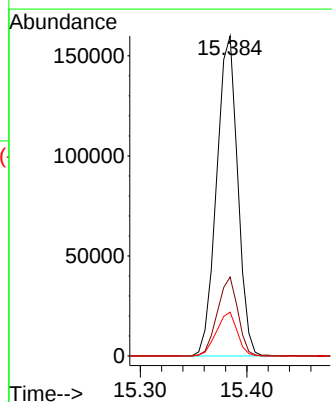
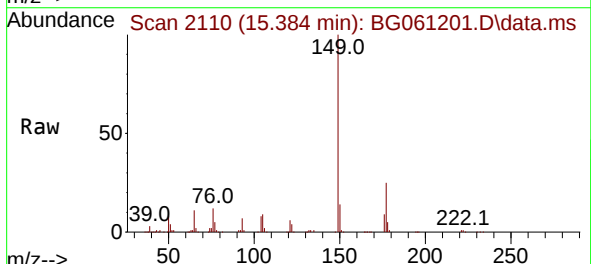
Instrument :
BNA_G
ClientSampleId :
PB160903BS

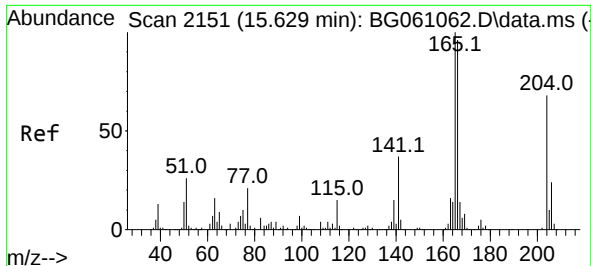
Tgt Ion:232	Resp:	69273
Ion Ratio	Lower	Upper
232	100	
131	34.6	27.0 40.4
130	2.3	1.7 2.5
166	24.6	20.5 30.7



#60
Diethylphthalate
Concen: 40.998 ng
RT: 15.384 min Scan# 2110
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:149	Resp:	219088
Ion Ratio	Lower	Upper
149	100	
177	24.7	19.1 28.7
150	13.7	10.6 16.0

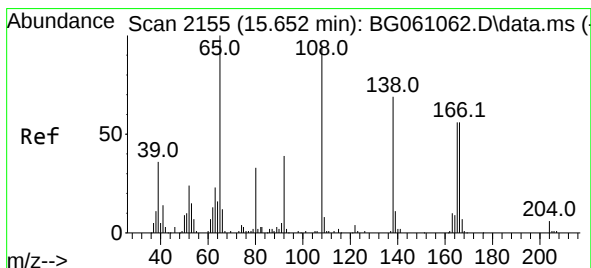
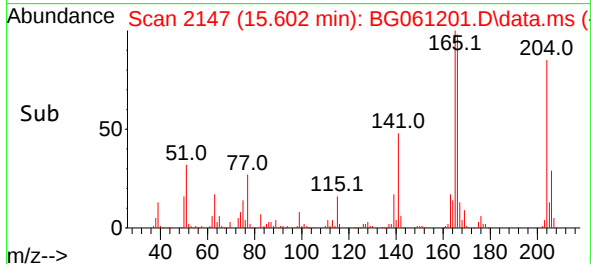
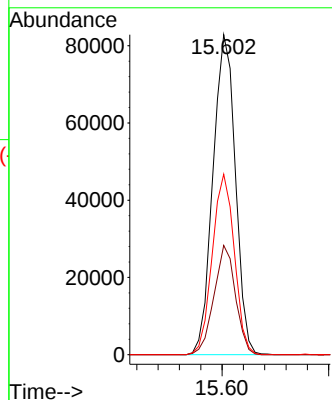
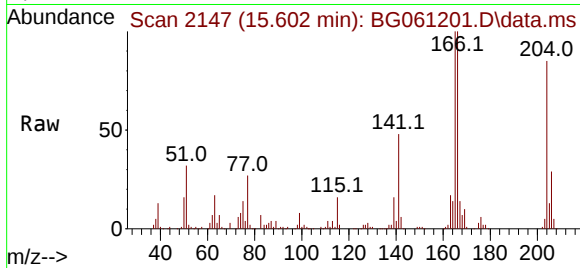




#61
4-Chlorophenyl-phenylether
Concen: 40.813 ng
RT: 15.602 min Scan# 2147
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

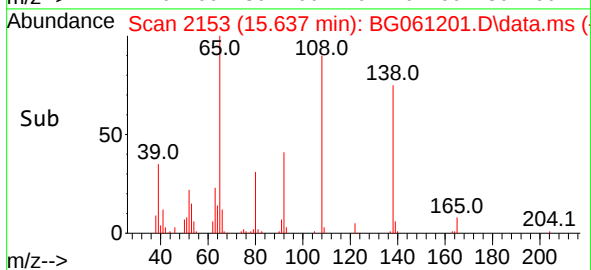
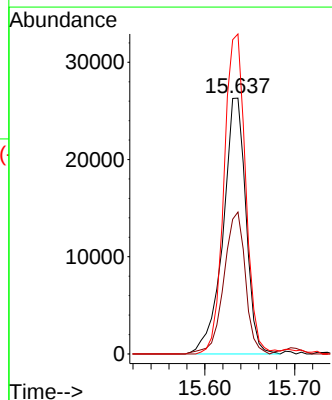
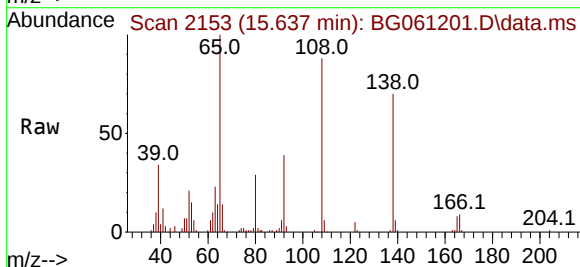
Instrument :
BNA_G
ClientSampleId :
PB160903BS

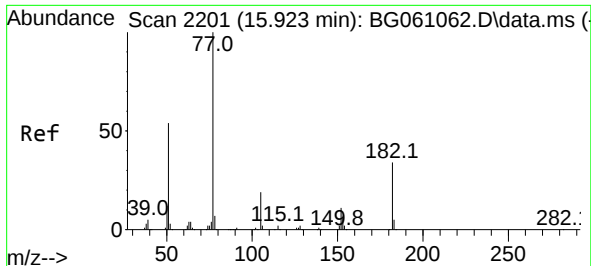
Tgt Ion:204 Resp: 120889
Ion Ratio Lower Upper
204 100
206 34.2 27.8 41.6
141 56.4 42.9 64.3



#62
4-Nitroaniline
Concen: 41.287 ng
RT: 15.637 min Scan# 2153
Delta R.T. -0.016 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:138 Resp: 46442
Ion Ratio Lower Upper
138 100
92 55.5 35.5 75.5
108 125.1 116.2 156.2

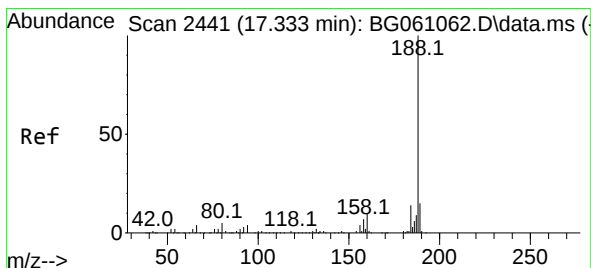
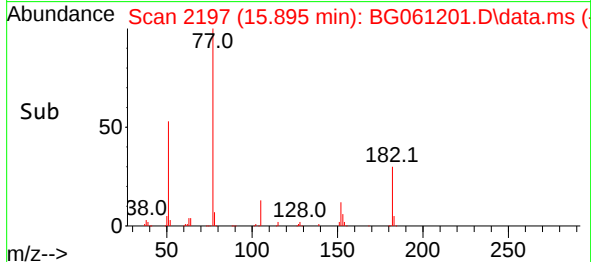
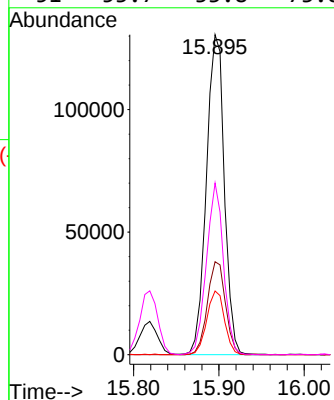
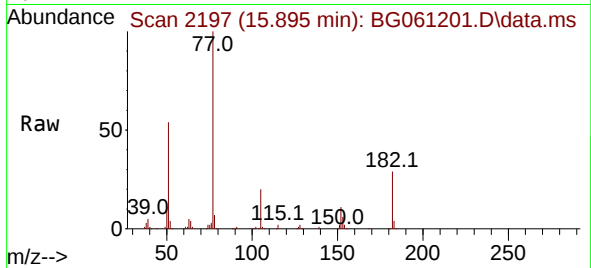




#63
Azobenzene
Concen: 45.891 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

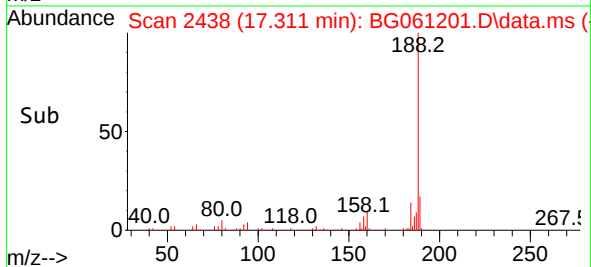
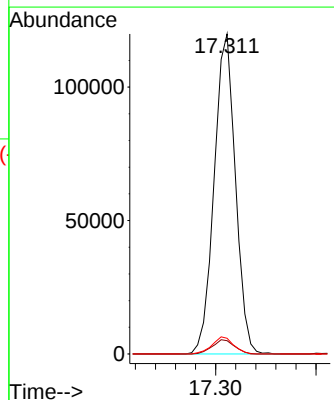
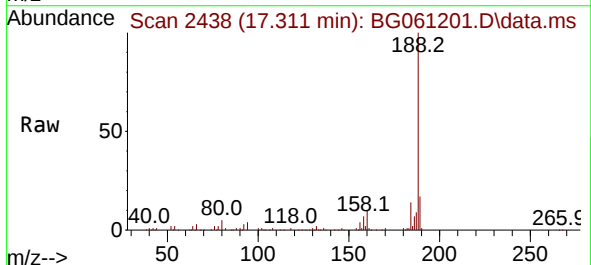
Instrument :
BNA_G
ClientSampleId :
PB160903BS

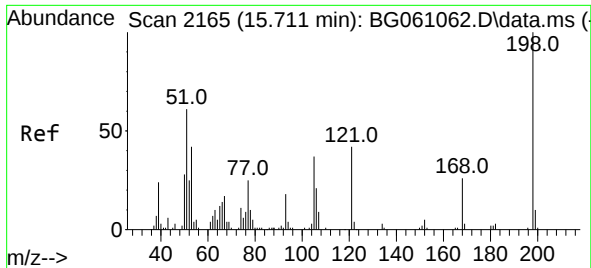
Tgt Ion: 77 Resp: 190903
Ion Ratio Lower Upper
77 100
182 29.0 13.5 53.5
105 19.9 0.0 39.3
51 53.7 33.8 73.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2438
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

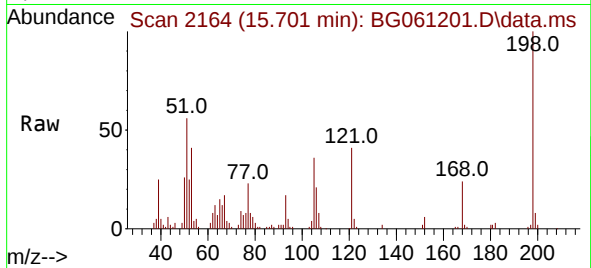
Tgt Ion:188 Resp: 176261
Ion Ratio Lower Upper
188 100
94 4.2 3.6 5.4
80 4.9 4.2 6.2



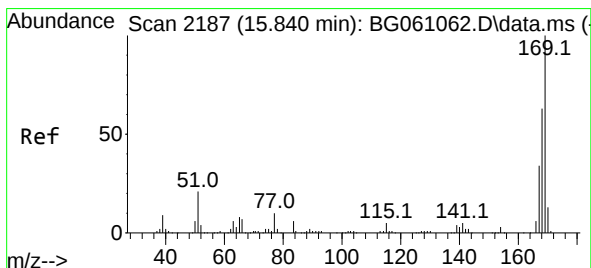
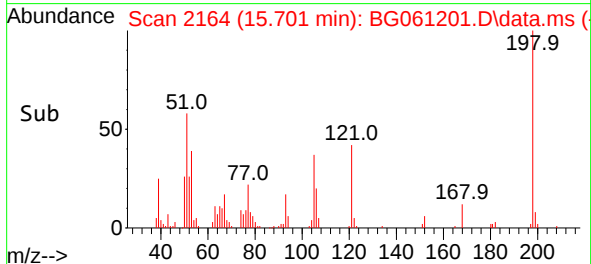
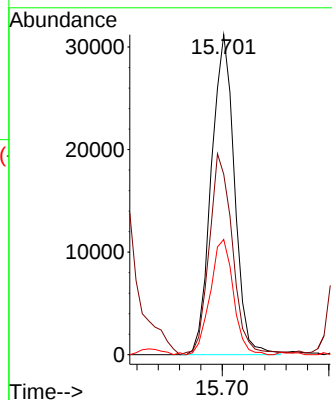


#65
4,6-Dinitro-2-methylphenol
Concen: 43.072 ng
RT: 15.701 min Scan# 2164
Delta R.T. -0.010 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Instrument :
BNA_G
ClientSampleId :
PB160903BS

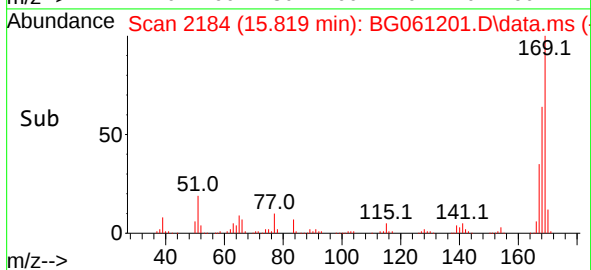
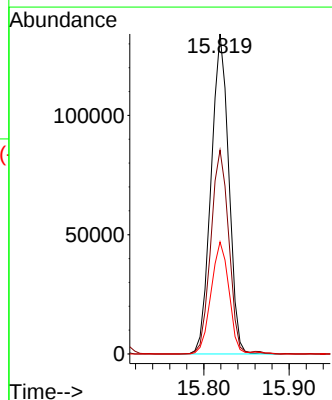
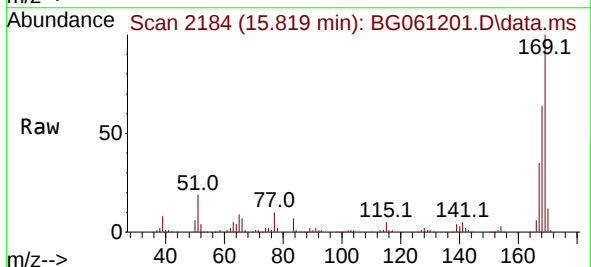


Tgt Ion:198 Resp: 47104
Ion Ratio Lower Upper
198 100
51 56.4 41.2 81.2
105 36.0 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 44.099 ng
RT: 15.819 min Scan# 2184
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:169 Resp: 192755
Ion Ratio Lower Upper
169 100
168 63.7 50.6 75.8
167 35.0 27.4 41.2

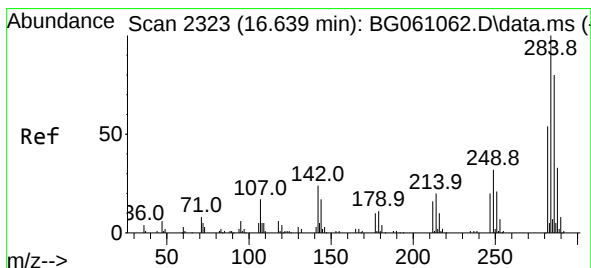
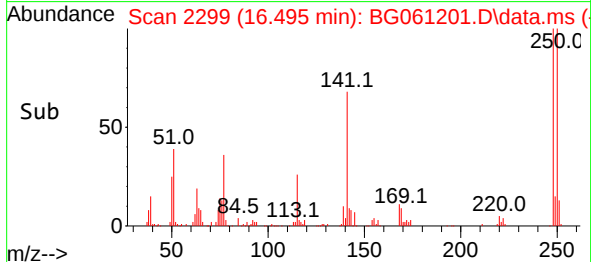
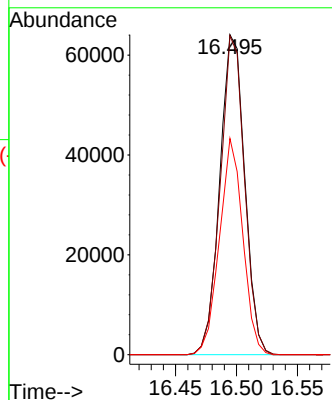
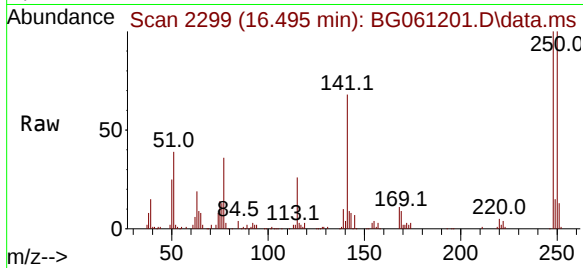




#67
4-Bromophenyl-phenylether
Concen: 43.851 ng
RT: 16.495 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

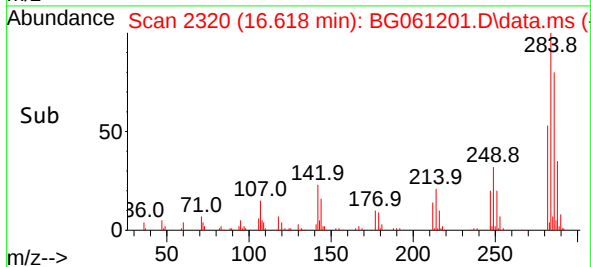
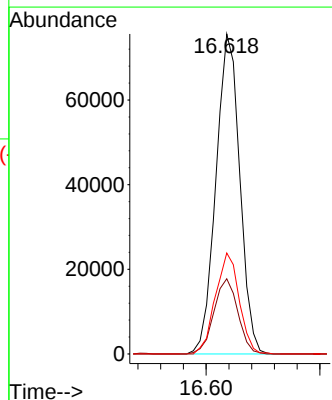
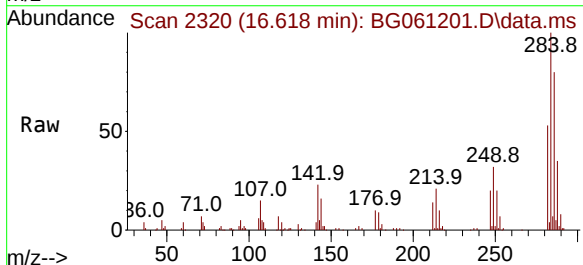
Instrument :
BNA_G
ClientSampleId :
PB160903BS

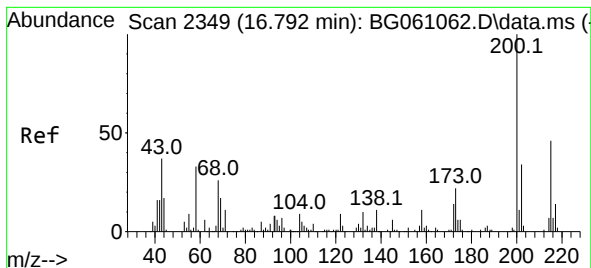
Tgt Ion:248 Resp: 91051
Ion Ratio Lower Upper
248 100
250 99.7 73.0 109.4
141 67.6 50.8 76.2



#68
Hexachlorobenzene
Concen: 42.578 ng
RT: 16.618 min Scan# 2320
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:284 Resp: 110037
Ion Ratio Lower Upper
284 100
142 23.5 19.2 28.8
249 31.6 25.4 38.2





#69

Atrazine

Concen: 49.069 ng

RT: 16.771 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

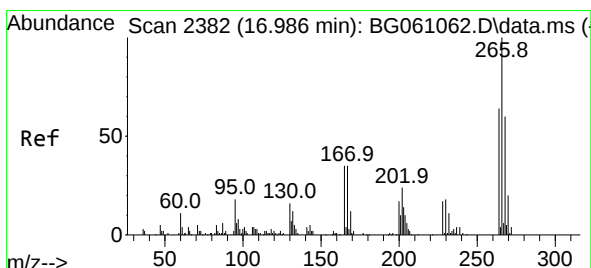
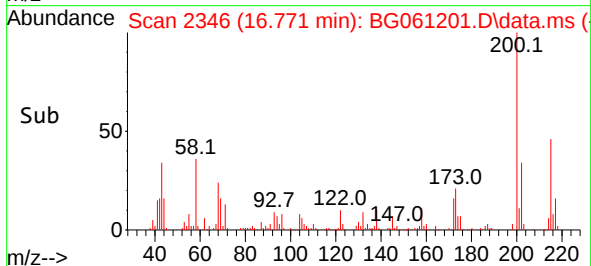
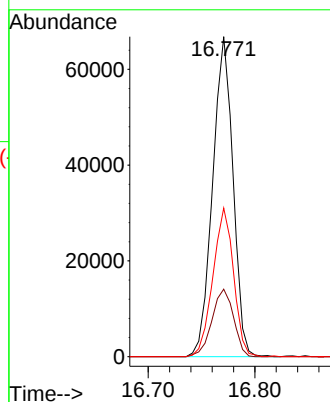
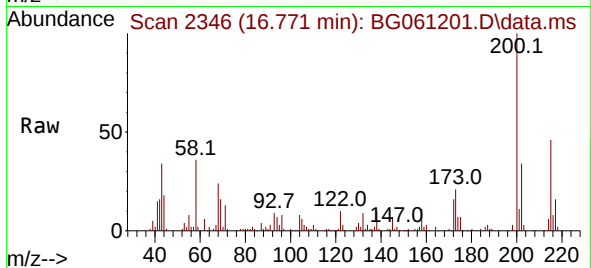
Tgt Ion:200 Resp: 88451

Ion Ratio Lower Upper

200 100

173 21.1 2.0 42.0

215 46.5 26.2 66.2



#70

Pentachlorophenol

Concen: 64.364 ng

RT: 16.971 min Scan# 2380

Delta R.T. -0.016 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

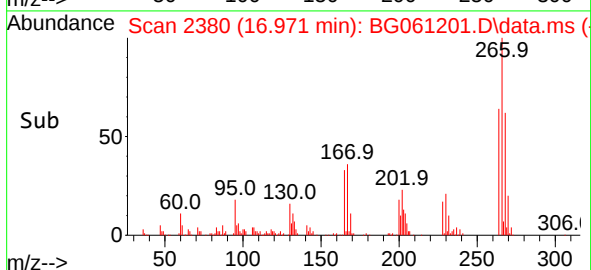
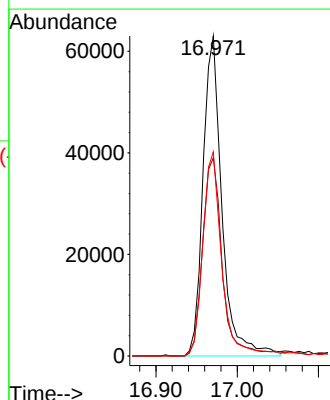
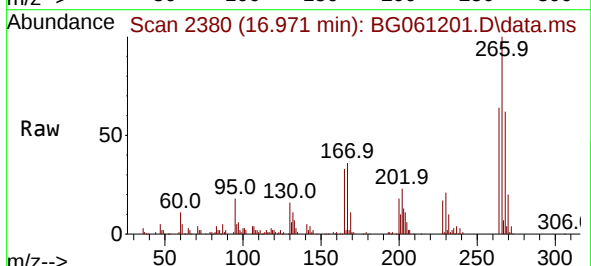
Tgt Ion:266 Resp: 102191

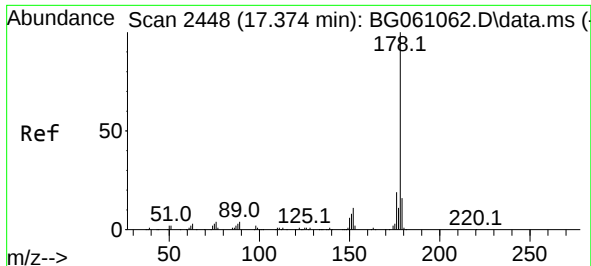
Ion Ratio Lower Upper

266 100

268 61.9 47.8 71.8

264 63.8 51.5 77.3

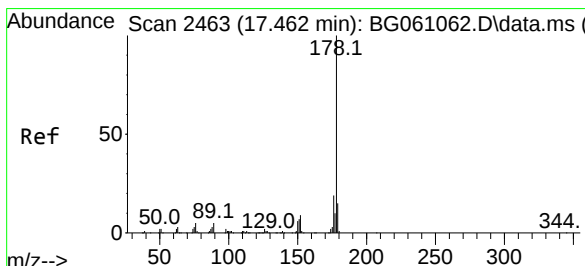
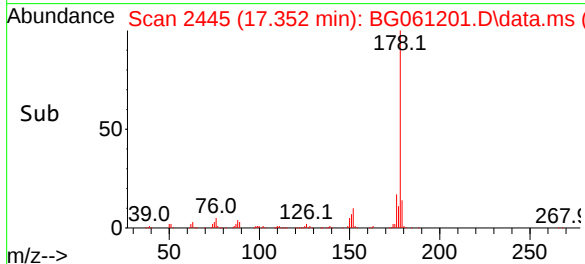
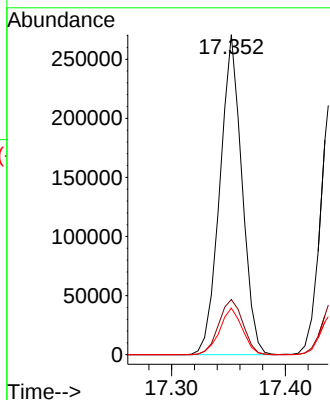
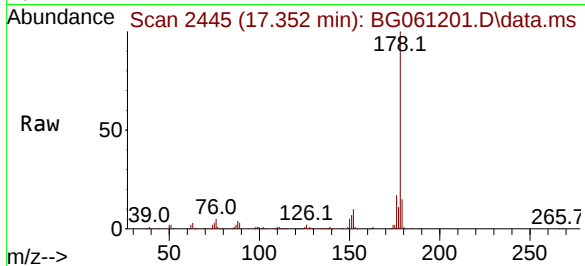




#71
Phenanthrene
Concen: 45.263 ng
RT: 17.352 min Scan# 2445
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

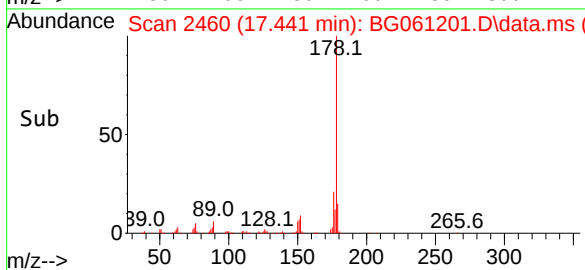
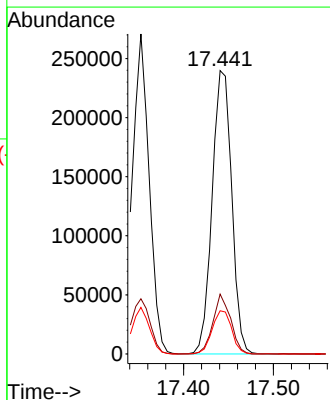
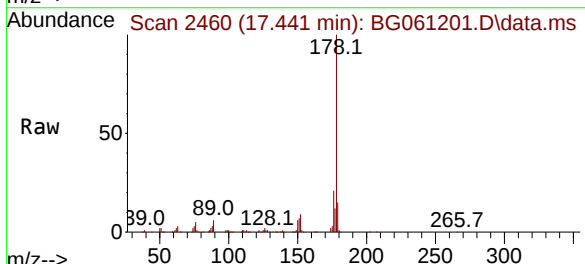
Instrument :
BNA_G
ClientSampleId :
PB160903BS

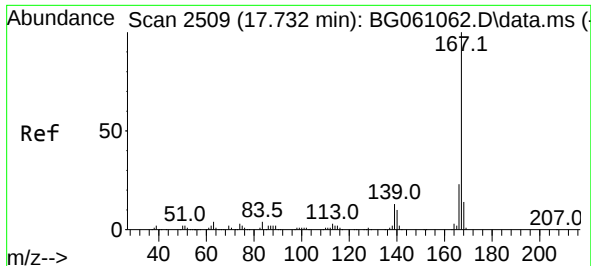
Tgt Ion:178 Resp: 364795
Ion Ratio Lower Upper
178 100
176 17.2 15.5 23.3
179 14.6 12.6 19.0



#72
Anthracene
Concen: 45.152 ng
RT: 17.441 min Scan# 2460
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:178 Resp: 363108
Ion Ratio Lower Upper
178 100
176 21.1 15.0 22.6
179 15.3 12.0 18.0

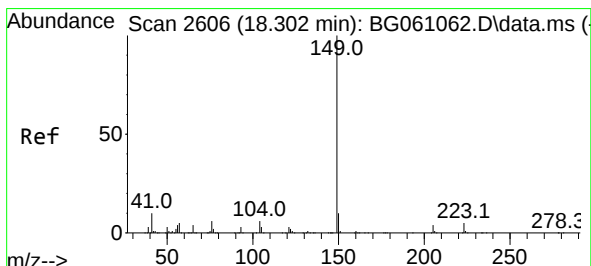
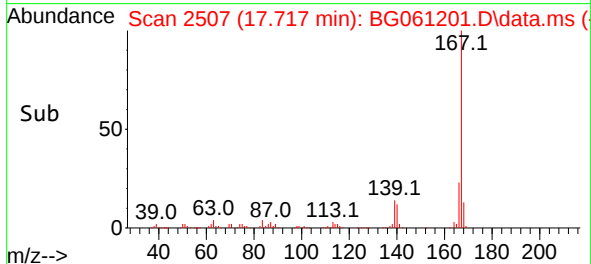
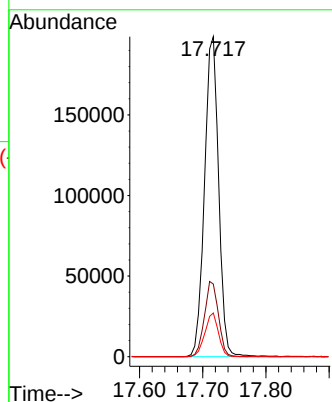
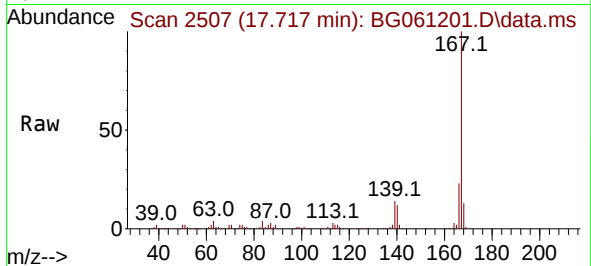




#73
Carbazole
Concen: 43.411 ng
RT: 17.717 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

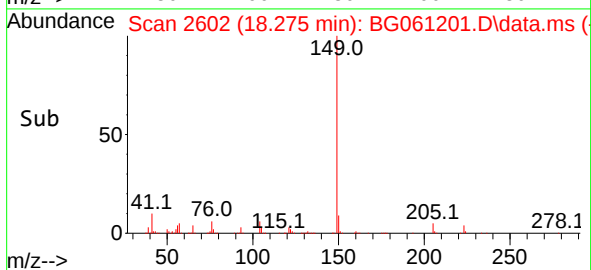
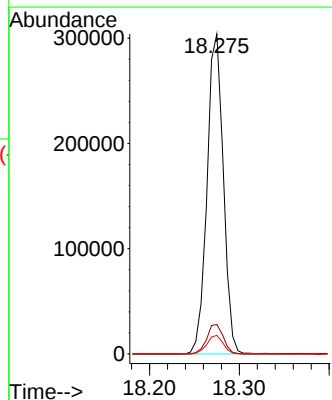
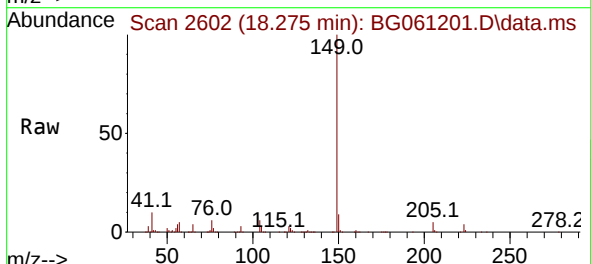
Instrument :
BNA_G
ClientSampleId :
PB160903BS

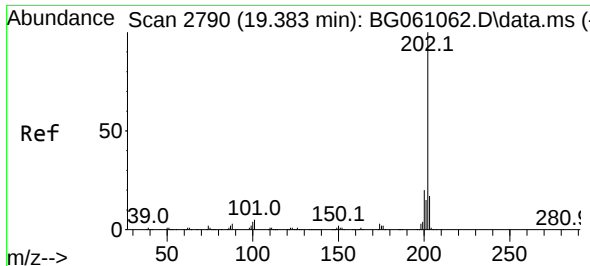
Tgt Ion:167 Resp: 306951
Ion Ratio Lower Upper
167 100
166 22.7 18.7 28.1
139 13.6 10.6 15.8



#74
Di-n-butylphthalate
Concen: 45.535 ng
RT: 18.275 min Scan# 2602
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:149 Resp: 382848
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.8 5.0 7.6

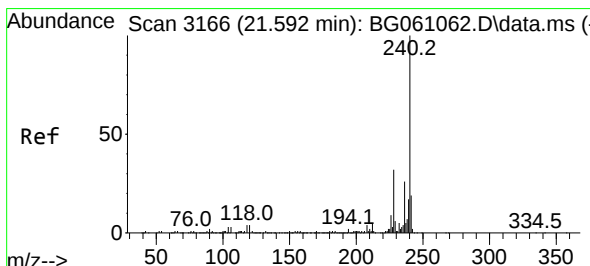
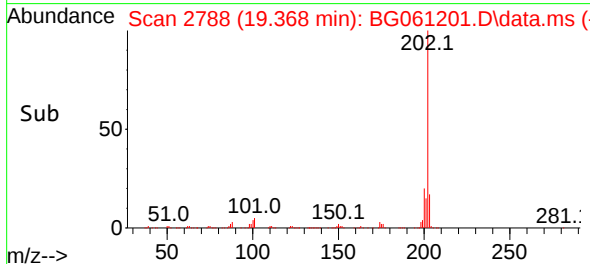
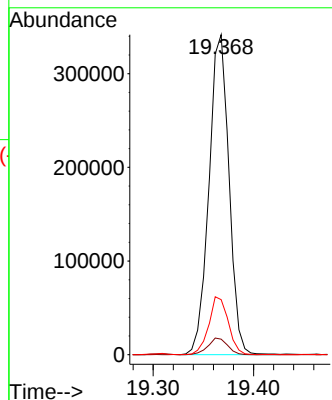
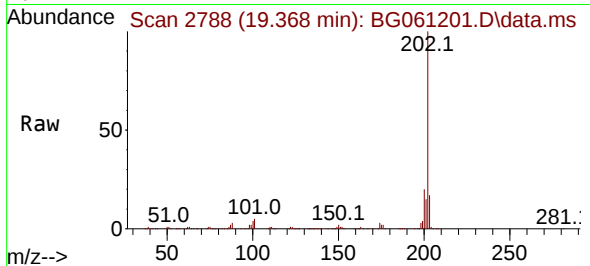




#75
Fluoranthene
Concen: 42.974 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

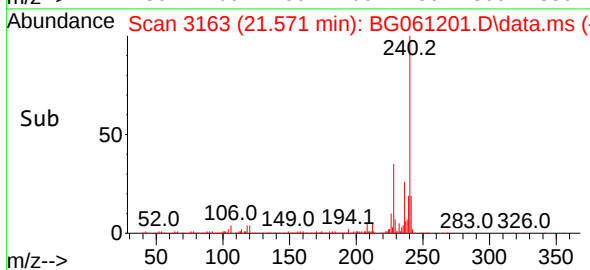
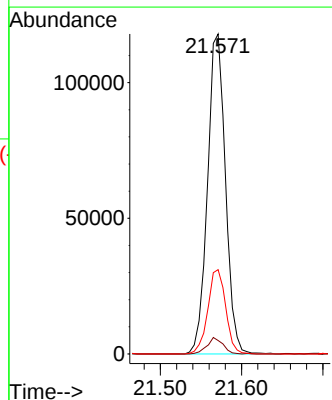
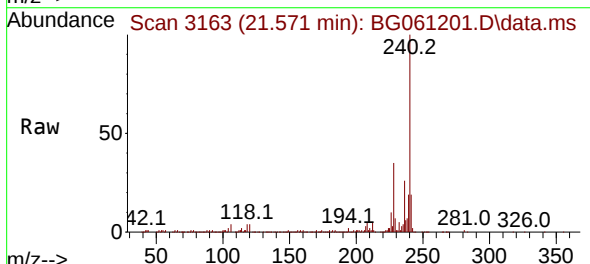
Instrument :
BNA_G
ClientSampleId :
PB160903BS

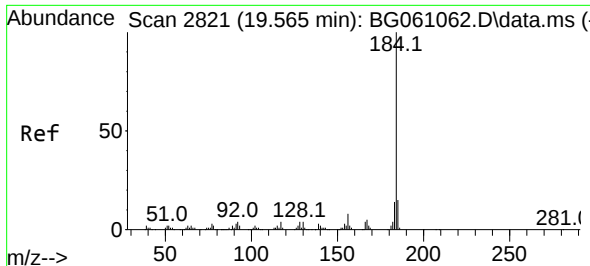
Tgt Ion:202 Resp: 474481
Ion Ratio Lower Upper
202 100
101 4.9 0.0 24.7
203 17.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:240 Resp: 180587
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 26.3 21.0 31.6

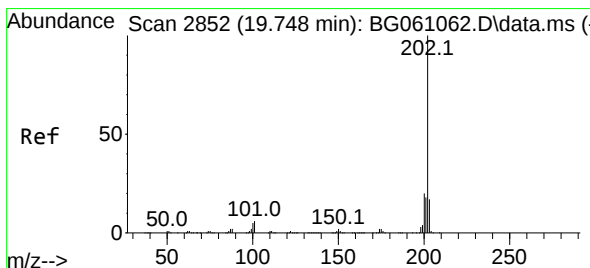
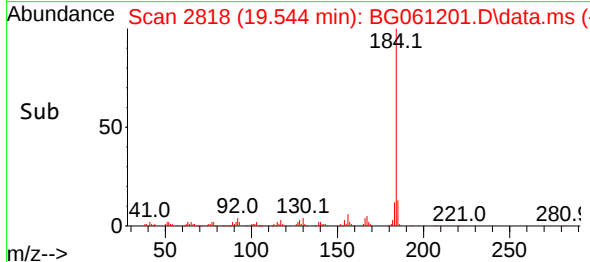
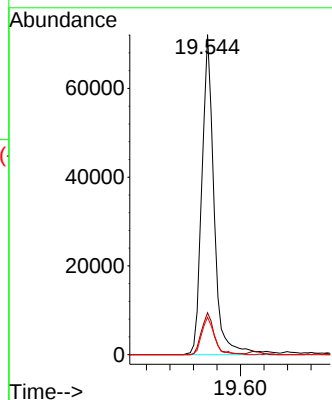
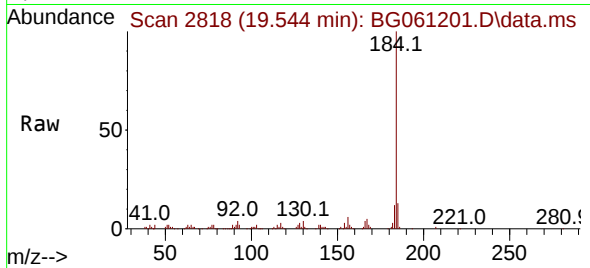




#77
Benzidine
Concen: 31.335 ng
RT: 19.544 min Scan# 2818
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

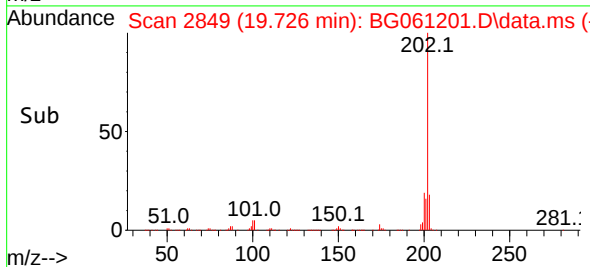
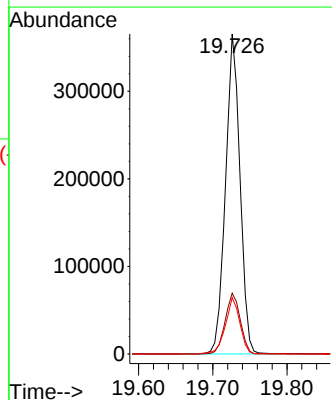
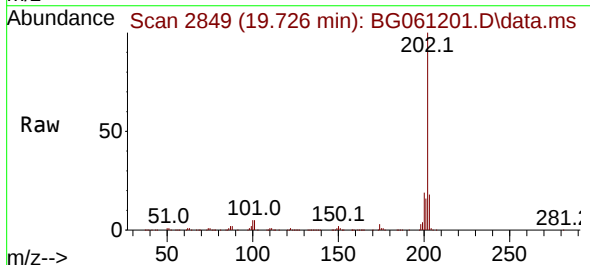
Instrument :
BNA_G
ClientSampleId :
PB160903BS

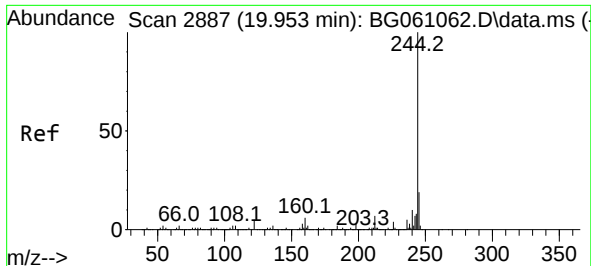
Tgt Ion:184 Resp: 104140
Ion Ratio Lower Upper
184 100
185 13.1 12.0 18.0
183 11.7 10.9 16.3



#78
Pyrene
Concen: 43.129 ng
RT: 19.726 min Scan# 2849
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:202 Resp: 495169
Ion Ratio Lower Upper
202 100
200 19.0 16.2 24.4
203 17.6 13.3 19.9

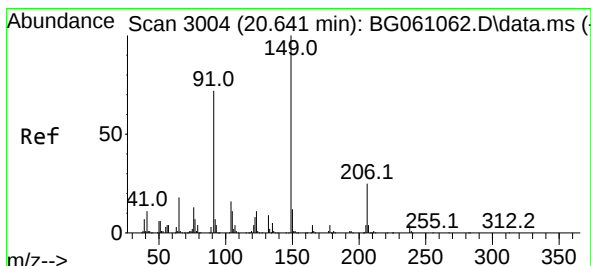
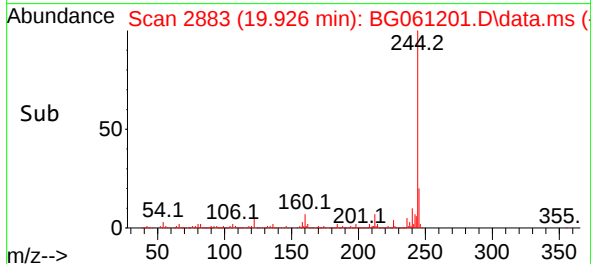
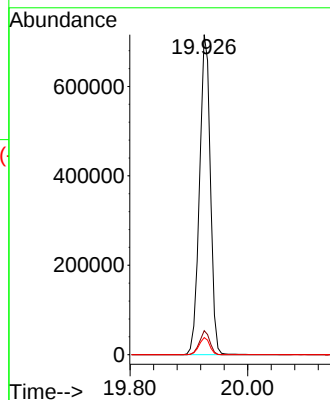
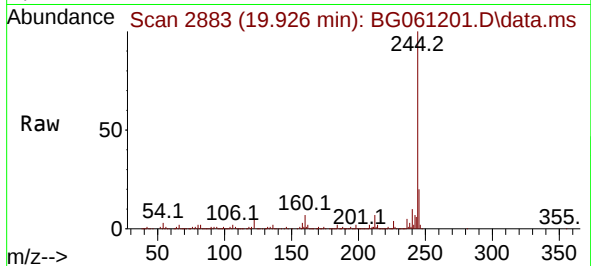




#79
 Terphenyl-d14
 Concen: 84.001 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BG061201.D
 Acq: 15 May 2024 11:21

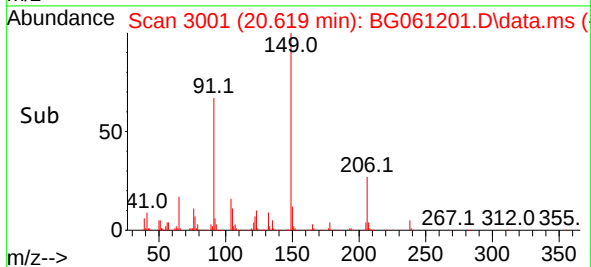
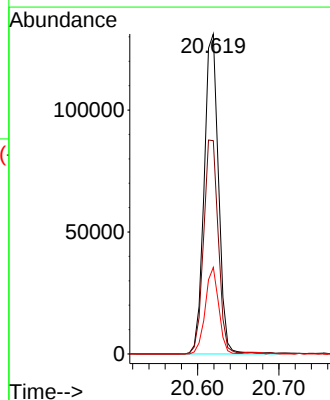
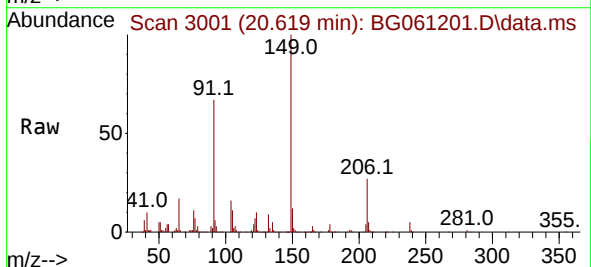
Instrument :
 BNA_G
 ClientSampleId :
 PB160903BS

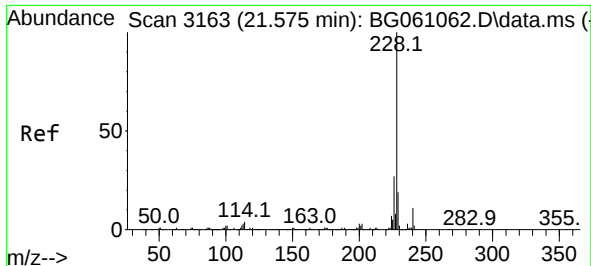
Tgt Ion:244 Resp: 912099
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.4 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 44.198 ng
 RT: 20.619 min Scan# 3001
 Delta R.T. -0.021 min
 Lab File: BG061201.D
 Acq: 15 May 2024 11:21

Tgt Ion:149 Resp: 160627
 Ion Ratio Lower Upper
 149 100
 91 66.7 57.4 86.2
 206 27.1 19.8 29.6

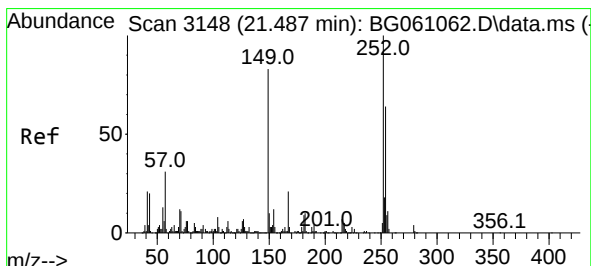
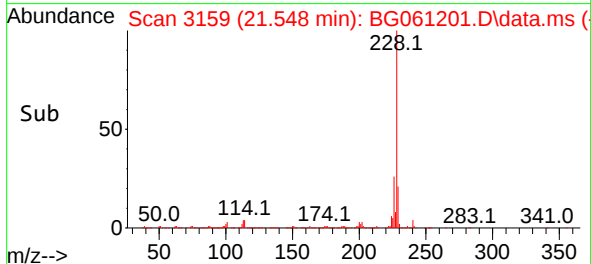
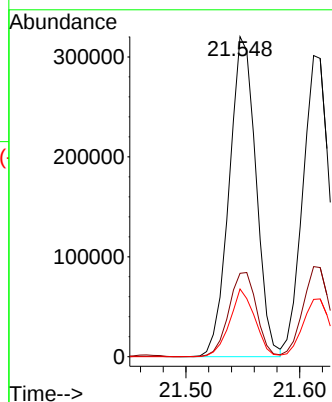
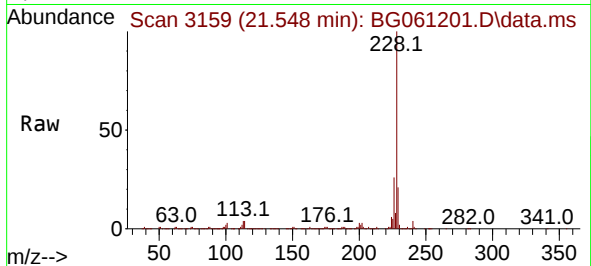




#81
Benzo(a)anthracene
Concen: 44.389 ng
RT: 21.548 min Scan# 3163
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

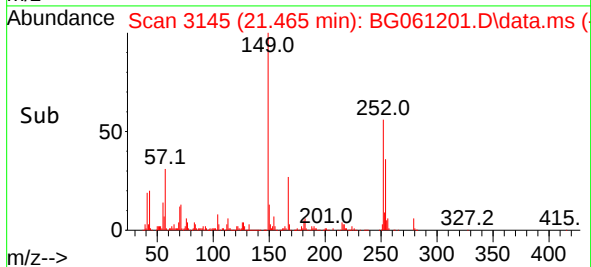
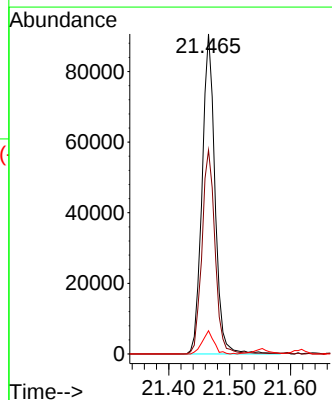
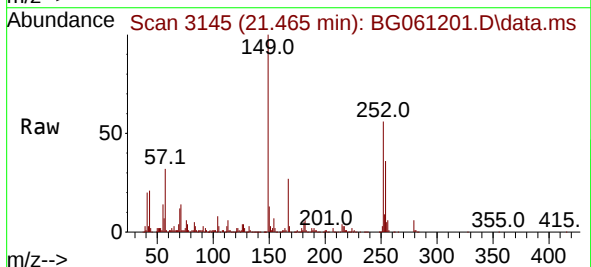
Instrument :
BNA_G
ClientSampleId :
PB160903BS

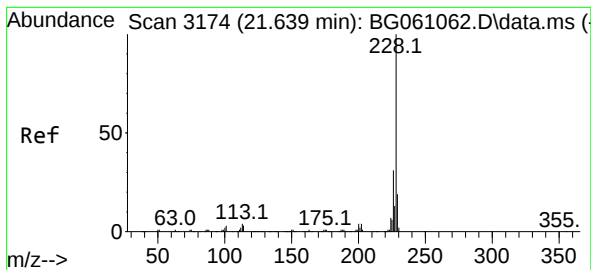
Tgt Ion:228 Resp: 524554
Ion Ratio Lower Upper
228 100
226 26.0 21.6 32.4
229 21.1 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 31.443 ng
RT: 21.465 min Scan# 3145
Delta R.T. -0.021 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:252 Resp: 133716
Ion Ratio Lower Upper
252 100
254 63.7 51.3 76.9
126 7.3 5.2 7.8





#83

Chrysene

Concen: 44.090 ng

RT: 21.612 min Scan# 3170

Delta R.T. -0.027 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

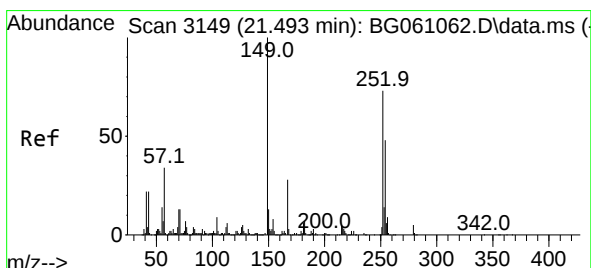
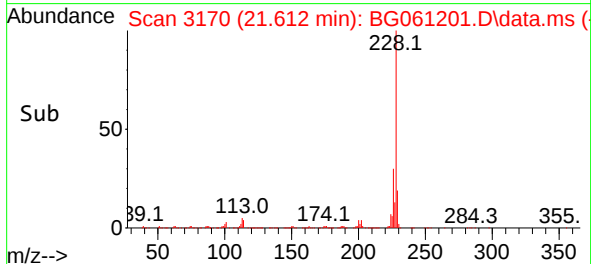
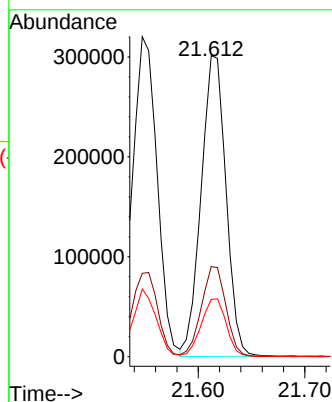
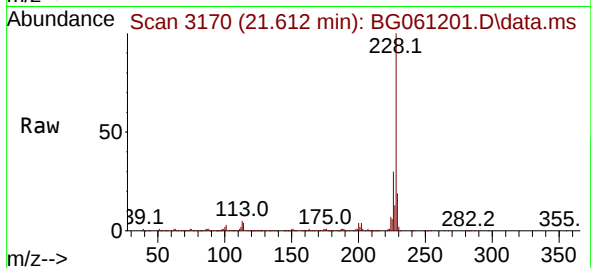
Tgt Ion:228 Resp: 488138

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 19.0 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.904 ng

RT: 21.465 min Scan# 3145

Delta R.T. -0.027 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

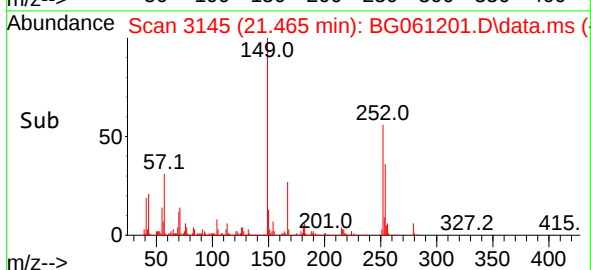
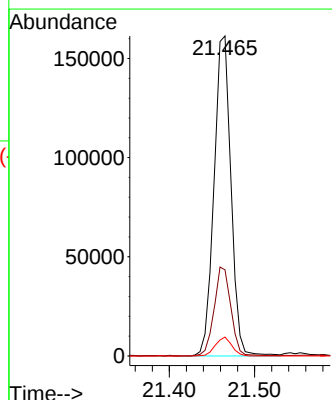
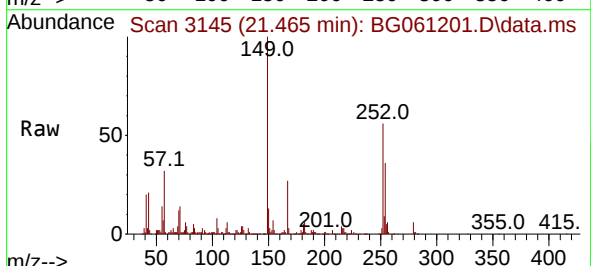
Tgt Ion:149 Resp: 222590

Ion Ratio Lower Upper

149 100

167 26.9 22.1 33.1

279 5.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 45.028 ng

RT: 22.640 min Scan# 31

Delta R.T. -0.039 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

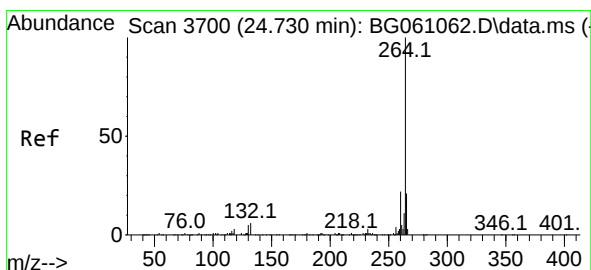
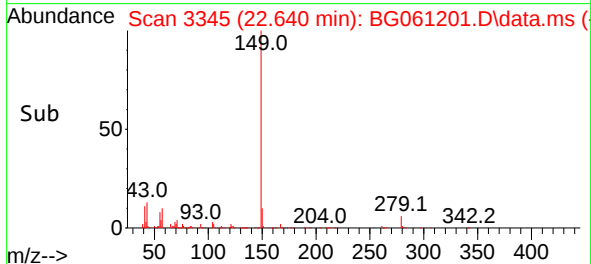
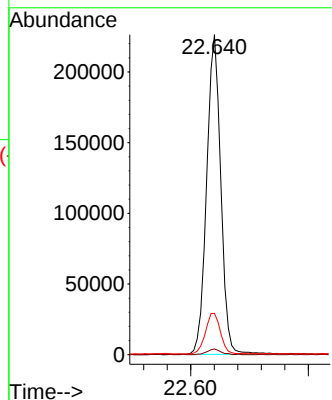
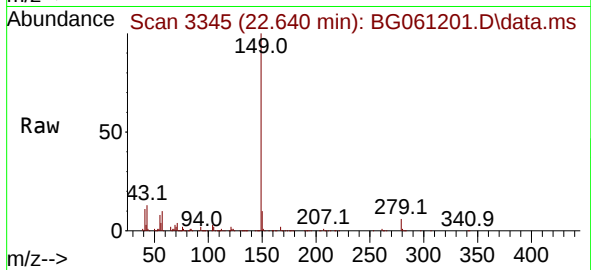
Tgt Ion:149 Resp: 377006

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 13.4 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.691 min Scan# 3694

Delta R.T. -0.039 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

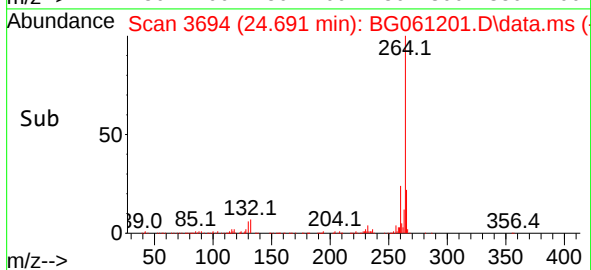
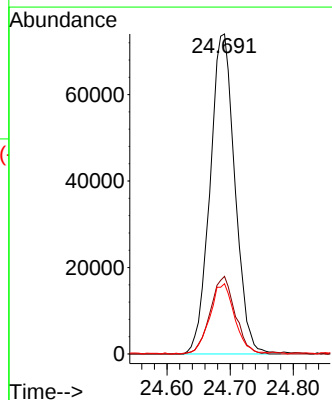
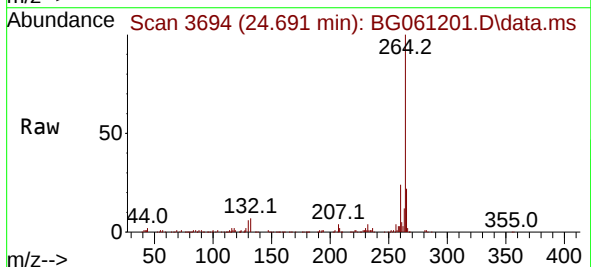
Tgt Ion:264 Resp: 202505

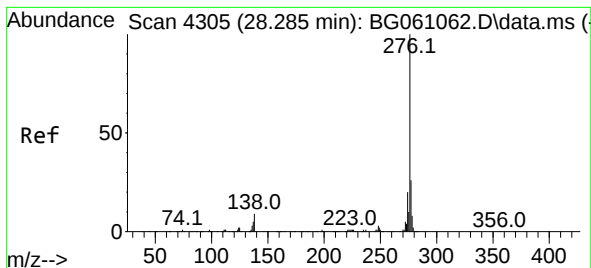
Ion Ratio Lower Upper

264 100

260 24.3 17.7 26.5

265 21.9 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.222 ng

RT: 28.251 min Scan# 41

Delta R.T. -0.033 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

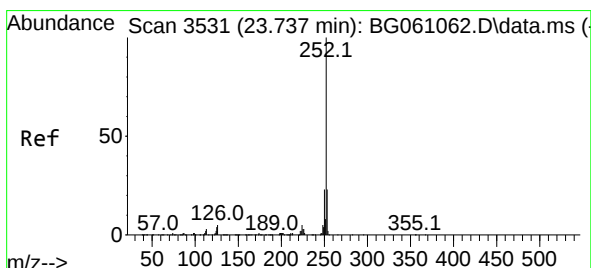
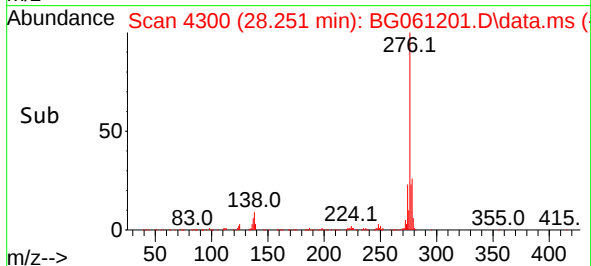
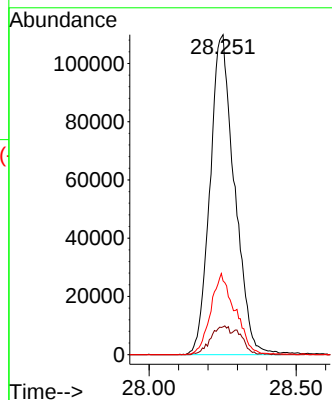
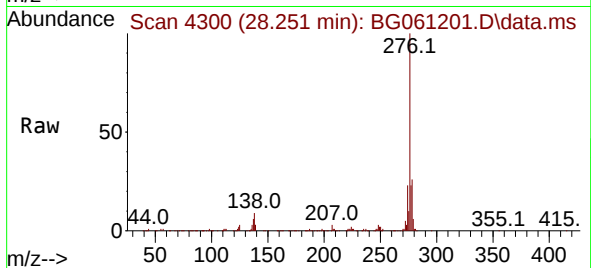
Tgt Ion:276 Resp: 633742

Ion Ratio Lower Upper

276 100

138 7.2 5.1 7.7

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 45.440 ng

RT: 23.704 min Scan# 3526

Delta R.T. -0.033 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

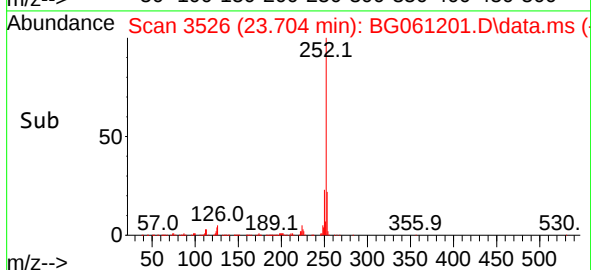
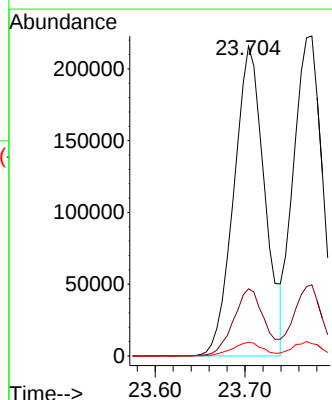
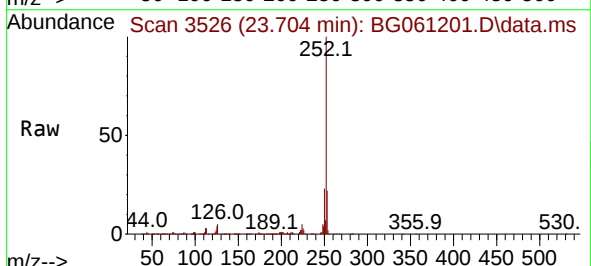
Tgt Ion:252 Resp: 514202

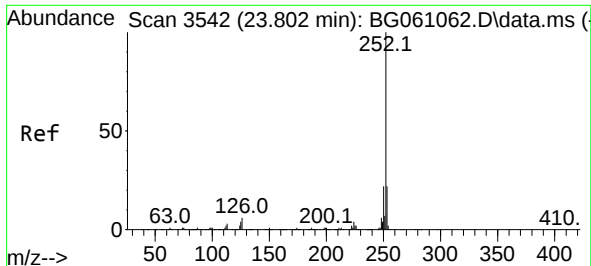
Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

125 4.5 3.4 5.0

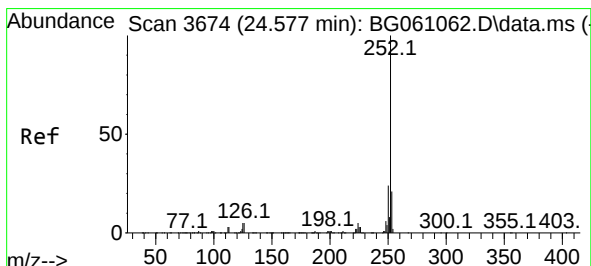
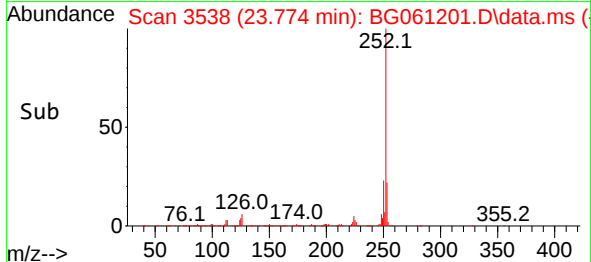
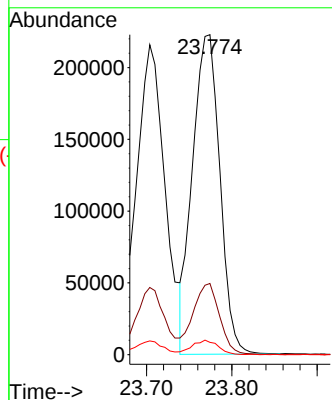
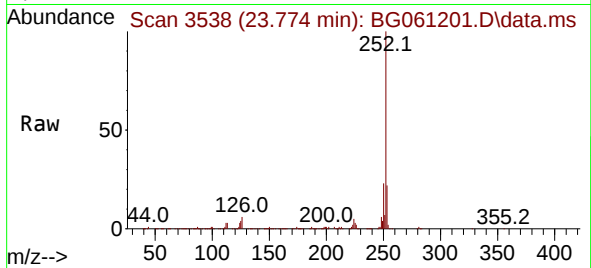




#89
Benzo(k)fluoranthene
Concen: 45.506 ng
RT: 23.774 min Scan# 31
Delta R.T. -0.027 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

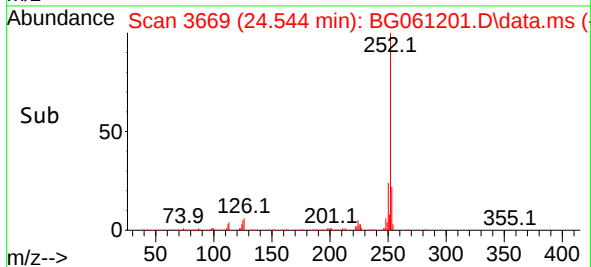
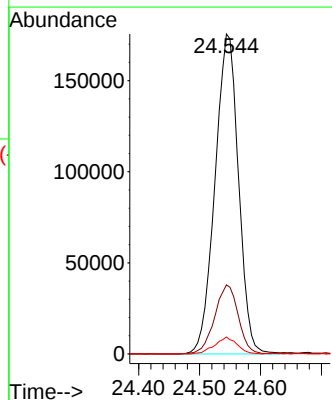
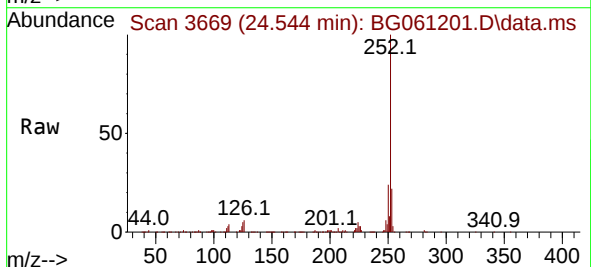
Instrument :
BNA_G
ClientSampleId :
PB160903BS

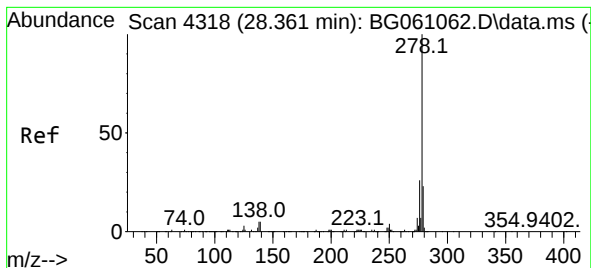
Tgt Ion:252 Resp: 495401
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 3.8 3.2 4.8



#90
Benzo(a)pyrene
Concen: 47.666 ng
RT: 24.544 min Scan# 3669
Delta R.T. -0.033 min
Lab File: BG061201.D
Acq: 15 May 2024 11:21

Tgt Ion:252 Resp: 469922
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 5.3 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 46.949 ng

RT: 28.298 min Scan# 41

Delta R.T. -0.063 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Instrument :

BNA_G

ClientSampleId :

PB160903BS

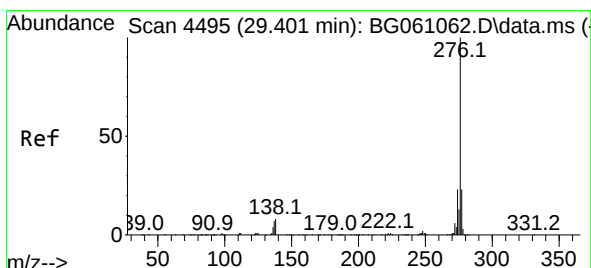
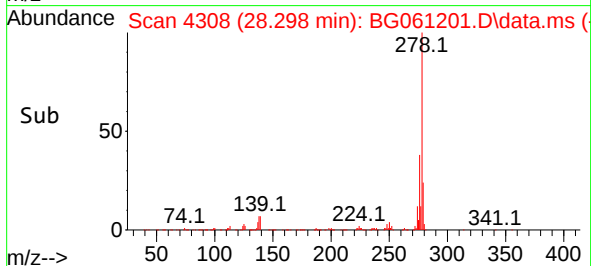
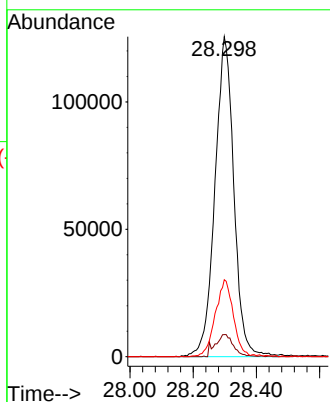
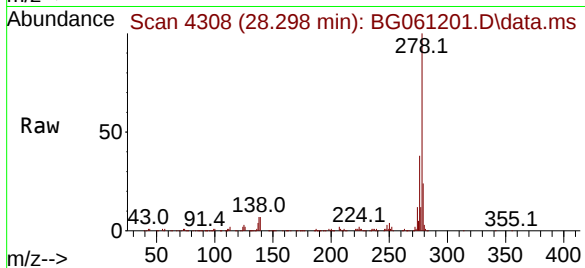
Tgt Ion:278 Resp: 521792

Ion Ratio Lower Upper

278 100

139 6.9 4.2 6.2#

279 24.1 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 44.042 ng

RT: 29.344 min Scan# 4486

Delta R.T. -0.057 min

Lab File: BG061201.D

Acq: 15 May 2024 11:21

Tgt Ion:276 Resp: 486423

Ion Ratio Lower Upper

276 100

277 24.5 18.2 27.4

138 9.0 6.2 9.2

