

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050724\
 Data File : BG061135.D
 Acq On : 7 May 2024 17:12
 Operator : MA/JU
 Sample : P2395-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-INSIDE-GATEMSD

Quant Time: May 07 17:49:21 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	7.934	152	25342	20.000	ng	-0.03
21) Naphthalene-d8	10.731	136	103420	20.000	ng	-0.03
39) Acenaphthene-d10	14.568	164	81005	20.000	ng	-0.02
64) Phenanthrene-d10	17.312	188	193429	20.000	ng	-0.02
76) Chrysene-d12	21.577	240	181963	20.000	ng	-0.02
86) Perylene-d12	24.703	264	222385	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	132699	106.493	ng	-0.02
7) Phenol-d6	7.112	99	182627	99.074	ng	-0.02
23) Nitrobenzene-d5	9.092	82	132857	63.682	ng	-0.03
42) 2,4,6-Tribromophenol	16.060	330	146498	90.478	ng	-0.02
45) 2-Fluorobiphenyl	13.187	172	358545	65.451	ng	-0.02
79) Terphenyl-d14	19.932	244	671758	61.399	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	13348	26.493	ng	91
3) Pyridine	3.827	79	41081	27.709	ng	93
4) n-Nitrosodimethylamine	3.745	42	45118	31.675	ng	# 86
6) Aniline	7.259	93	36095	19.752	ng	# 95
8) 2-Chlorophenol	7.505	128	70001	45.790	ng	97
9) Benzaldehyde	7.076	77	23688	21.356	ng	94
10) Phenol	7.141	94	82888	44.217	ng	95
11) bis(2-Chloroethyl)ether	7.358	93	54327	41.951	ng	100
12) 1,3-Dichlorobenzene	7.829	146	75821	42.071	ng	97
13) 1,4-Dichlorobenzene	7.970	146	75474	40.520	ng	94
14) 1,2-Dichlorobenzene	8.287	146	76330	42.475	ng	95
15) Benzyl Alcohol	8.169	79	70113	42.164	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	124583	44.334	ng	99
17) 2-Methylphenol	8.387	107	58563	43.838	ng	97
18) Hexachloroethane	9.015	117	28476	42.845	ng	90
19) n-Nitroso-di-n-propyla...	8.739	70	52548	38.092	ng	94
20) 3+4-Methylphenols	8.710	107	81311	42.188	ng	96
22) Acetophenone	8.751	105	110536	42.917	ng	100
24) Nitrobenzene	9.133	77	84221	41.266	ng	95
25) Isophorone	9.656	82	146062	37.875	ng	97
26) 2-Nitrophenol	9.844	139	41633	43.055	ng	95
27) 2,4-Dimethylphenol	9.908	122	53425	47.923	ng	97
28) bis(2-Chloroethoxy)met...	10.138	93	80659	42.616	ng	96
29) 2,4-Dichlorophenol	10.384	162	79479	45.502	ng	98
30) 1,2,4-Trichlorobenzene	10.596	180	91952	43.689	ng	95
31) Naphthalene	10.784	128	229287	42.659	ng	98
32) Benzoic acid	10.073	122	36134	28.038	ng	90
33) 4-Chloroaniline	10.884	127	40931	19.094	ng	98
34) Hexachlorobutadiene	11.066	225	79633	44.096	ng	98
35) Caprolactam	11.671	113	18520	29.442	ng	# 91
36) 4-Chloro-3-methylphenol	12.024	107	84368	40.055	ng	99
37) 2-Methylnaphthalene	12.388	142	165763	41.155	ng	98
38) 1-Methylnaphthalene	12.605	142	155968	38.464	ng	100
40) 1,2,4,5-Tetrachloroben...	12.758	216	135010	49.941	ng	99
41) Hexachlorocyclopentadiene	12.735	237	95575	92.353	ng	91
43) 2,4,6-Trichlorophenol	12.999	196	80645	46.465	ng	98

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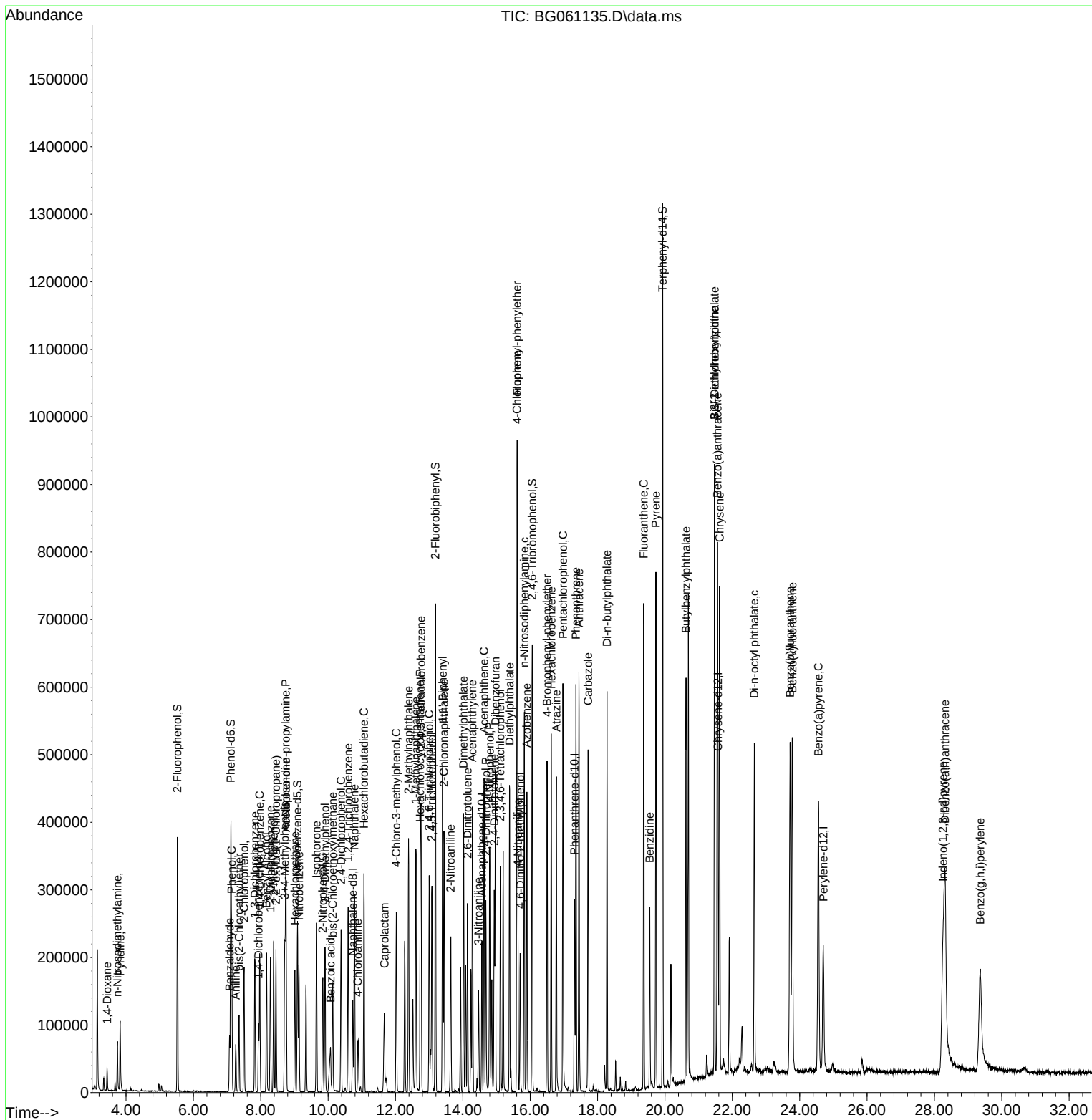
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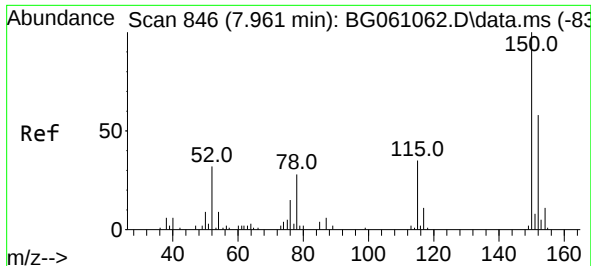
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	85376	43.464	ng	94
46) 1,1'-Biphenyl	13.398	154	239745	46.159	ng	99
47) 2-Chloronaphthalene	13.440	162	187784	45.151	ng	96
48) 2-Nitroaniline	13.639	65	66263	42.935	ng	92
49) Acenaphthylene	14.286	152	308569	48.306	ng	98
50) Dimethylphthalate	14.021	163	257748	41.195	ng	98
51) 2,6-Dinitrotoluene	14.139	165	53894	40.270	ng	95
52) Acenaphthene	14.632	154	168694	42.333	ng	98
53) 3-Nitroaniline	14.468	138	30874	25.213	ng #	93
54) 2,4-Dinitrophenol	14.685	184	56660	60.285	ng	96
55) Dibenzofuran	14.967	168	295083	43.841	ng	99
56) 4-Nitrophenol	14.797	139	72413	73.173	ng	94
57) 2,4-Dinitrotoluene	14.932	165	77625	39.205	ng	93
58) Fluorene	15.614	166	241029	41.383	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.114	232	82240	40.672	ng	93
60) Diethylphthalate	15.390	149	245773	38.953	ng	100
61) 4-Chlorophenyl-phenyle...	15.608	204	146911	42.008	ng	98
62) 4-Nitroaniline	15.637	138	47512	35.774	ng	95
63) Azobenzene	15.901	77	209435	42.641	ng	97
65) 4,6-Dinitro-2-methylph...	15.702	198	44680	37.229	ng	97
66) n-Nitrosodiphenylamine	15.825	169	217054	45.251	ng	99
67) 4-Bromophenyl-phenylether	16.501	248	105033	46.095	ng	96
68) Hexachlorobenzene	16.624	284	123455	43.530	ng	99
69) Atrazine	16.777	200	91906	46.460	ng	96
70) Pentachlorophenol	16.971	266	127491	73.172	ng	96
71) Phenanthrene	17.359	178	388261	43.899	ng	100
72) Anthracene	17.447	178	399676	45.288	ng	99
73) Carbazole	17.717	167	325956	42.007	ng	99
74) Di-n-butylphthalate	18.281	149	385946	41.829	ng	100
75) Fluoranthene	19.368	202	490808	40.507	ng	98
77) Benzidine	19.550	184	165705	47.864	ng	97
78) Pyrene	19.732	202	501093	43.315	ng	100
80) Butylbenzylphthalate	20.625	149	169383	46.255	ng	95
81) Benzo(a)anthracene	21.559	228	524230	44.026	ng	98
82) 3,3'-Dichlorobenzidine	21.471	252	117064	27.319	ng	99
83) Chrysene	21.624	228	492486	44.146	ng	99
84) Bis(2-ethylhexyl)phtha...	21.471	149	226469	47.360	ng	100
85) Di-n-octyl phthalate	22.652	149	388949	46.103	ng	99
87) Indeno(1,2,3-cd)pyrene	28.258	276	629722	42.728	ng #	74
88) Benzo(b)fluoranthene	23.716	252	518400	41.716	ng	97
89) Benzo(k)fluoranthene	23.780	252	525646	43.968	ng	99
90) Benzo(a)pyrene	24.556	252	490503	45.306	ng	98
91) Dibenzo(a,h)anthracene	28.310	278	530084	43.432	ng	98
92) Benzo(g,h,i)perylene	29.362	276	444486	36.647	ng #	97

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

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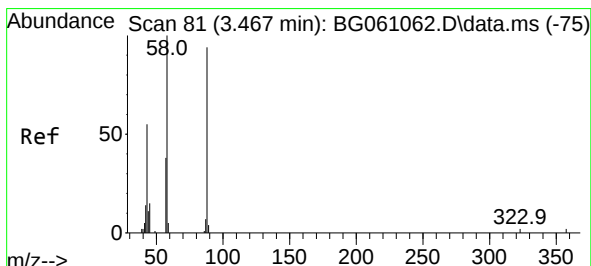
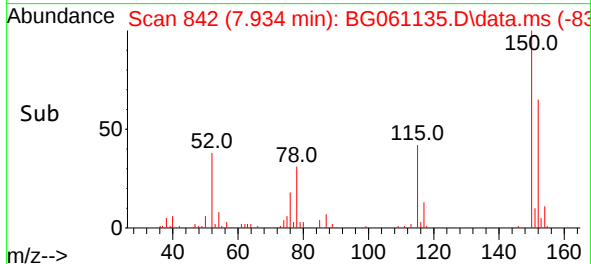
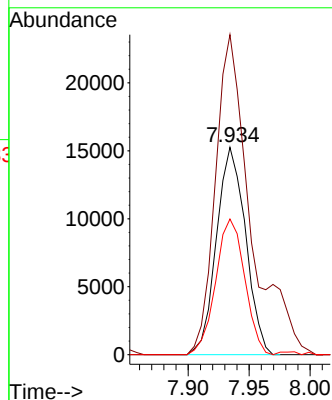
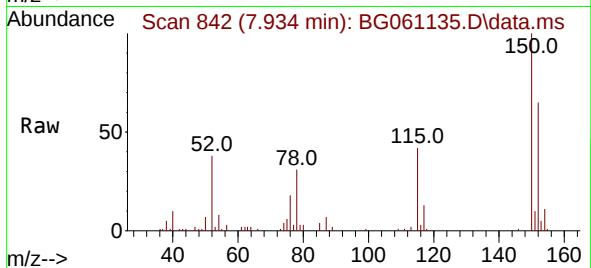




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 84
 Delta R.T. -0.027 min
 Lab File: BG061135.D
 Acq: 7 May 2024 17:12

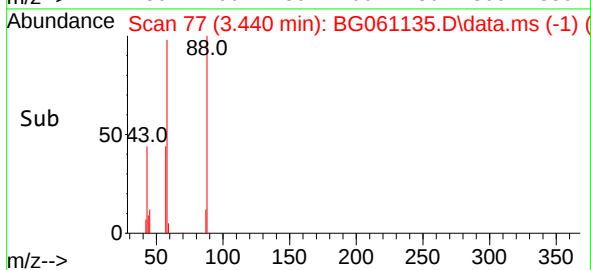
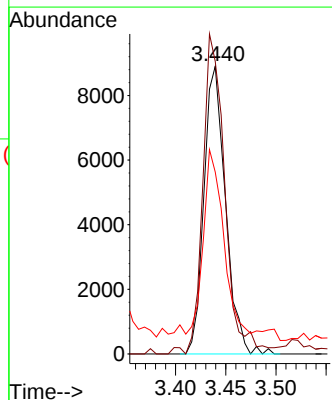
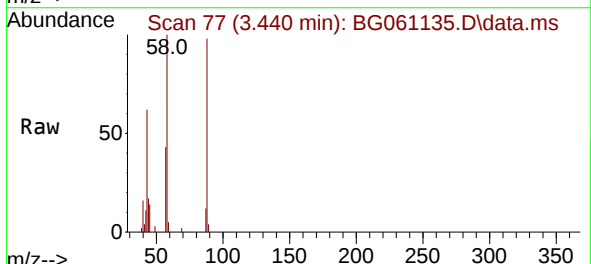
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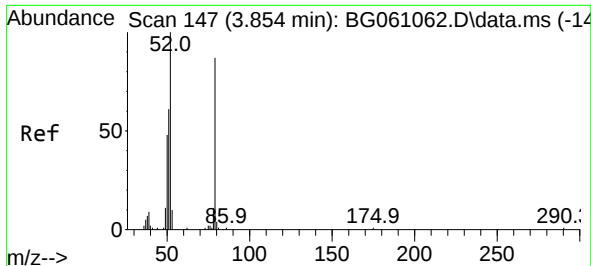
Tgt Ion:152 Resp: 25342
 Ion Ratio Lower Upper
 152 100
 150 154.3 138.3 207.5
 115 65.4 48.0 72.0



#2
 1,4-Dioxane
 Concen: 26.493 ng
 RT: 3.440 min Scan# 77
 Delta R.T. -0.027 min
 Lab File: BG061135.D
 Acq: 7 May 2024 17:12

Tgt Ion: 88 Resp: 13348
 Ion Ratio Lower Upper
 88 100
 58 113.8 81.2 121.8
 43 59.3 45.0 67.4

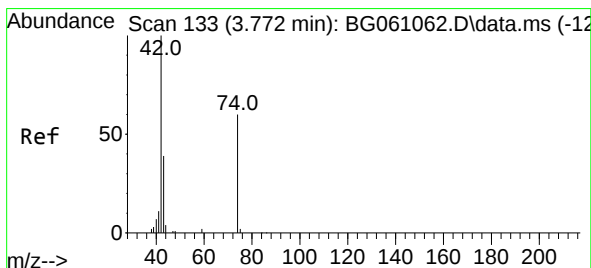
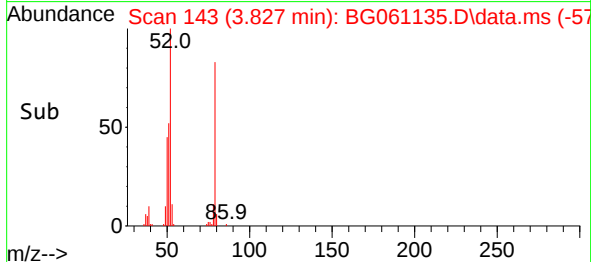
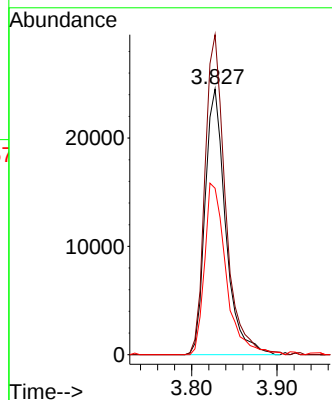
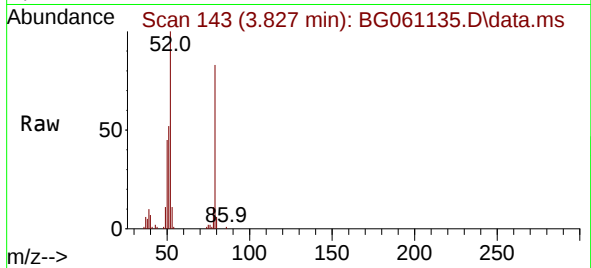




#3
Pyridine
Concen: 27.709 ng
RT: 3.827 min Scan# 14
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

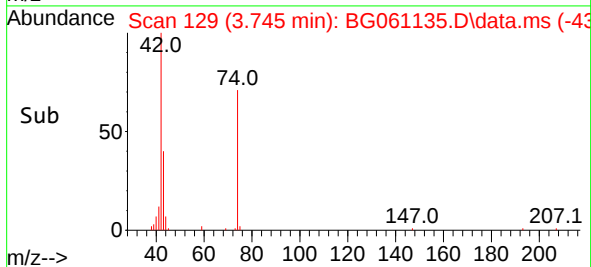
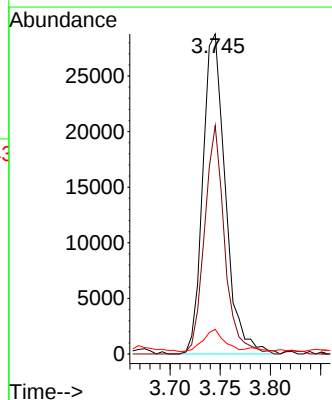
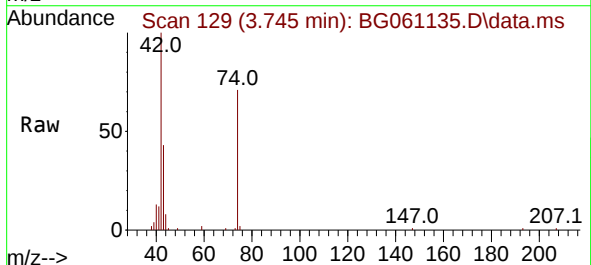
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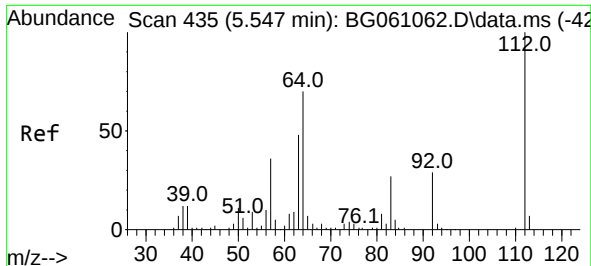
Tgt Ion: 79 Resp: 41081
Ion Ratio Lower Upper
79 100
52 120.4 91.6 137.4
51 62.6 57.0 85.4



#4
n-Nitrosodimethylamine
Concen: 31.675 ng
RT: 3.745 min Scan# 129
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion: 42 Resp: 45118
Ion Ratio Lower Upper
42 100
74 71.4 47.8 71.8
44 7.7 4.7 7.1#

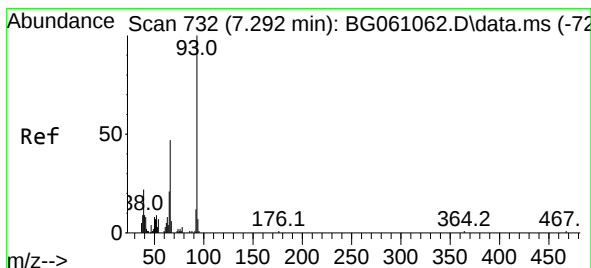
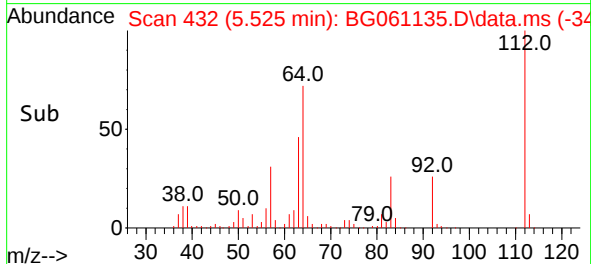
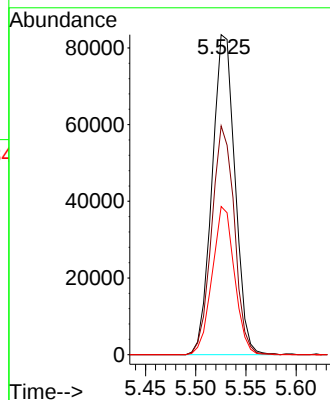
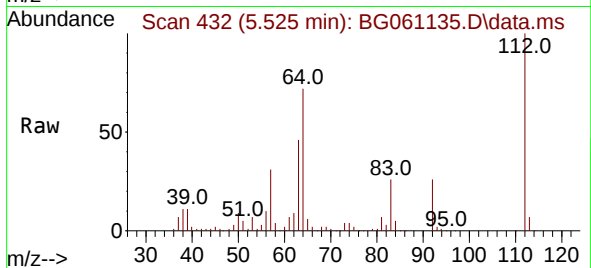




#5
2-Fluorophenol
Concen: 106.493 ng
RT: 5.525 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

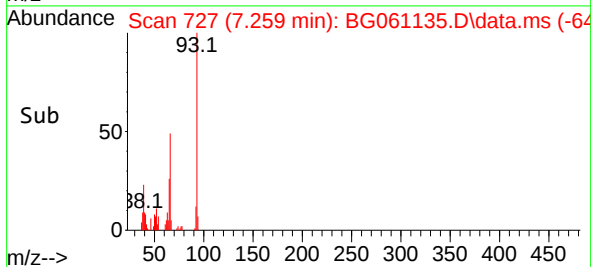
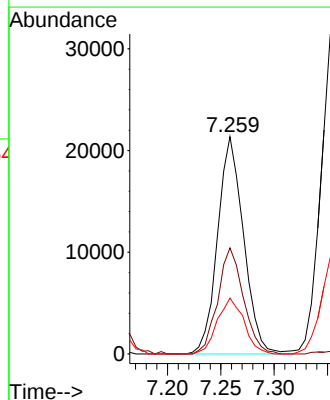
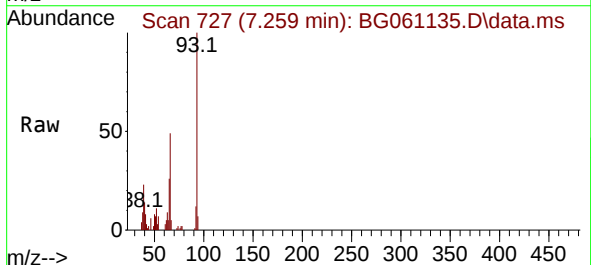
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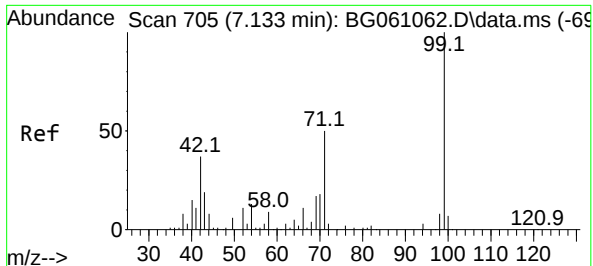
Tgt Ion:112 Resp: 132699
Ion Ratio Lower Upper
112 100
64 71.5 55.7 83.5
63 46.3 38.1 57.1



#6
Aniline
Concen: 19.752 ng
RT: 7.259 min Scan# 727
Delta R.T. -0.033 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion: 93 Resp: 36095
Ion Ratio Lower Upper
93 100
66 48.8 37.4 56.0
65 25.7 16.6 24.8#

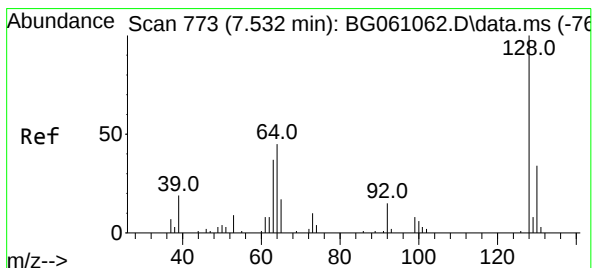
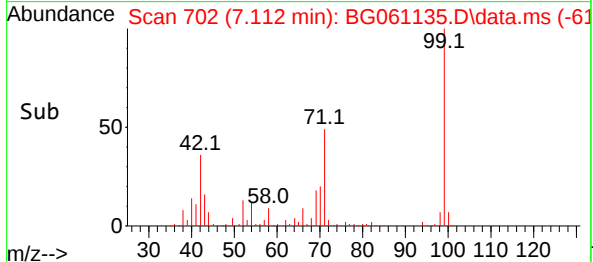
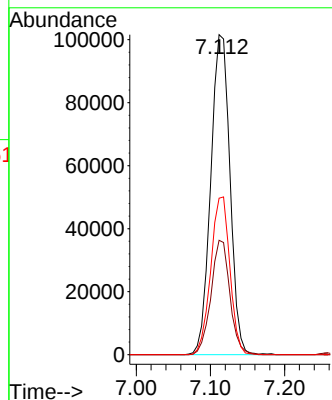
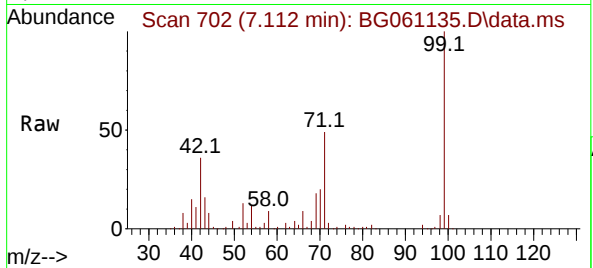




#7
Phenol-d6
Concen: 99.074 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

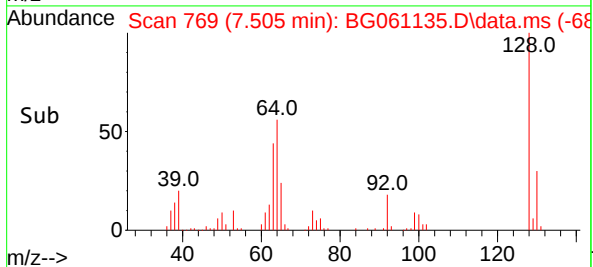
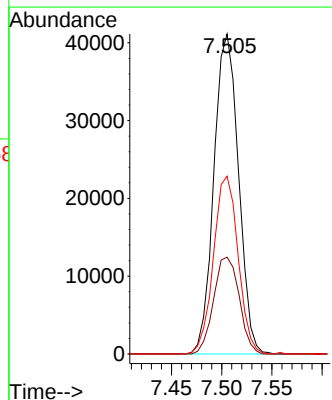
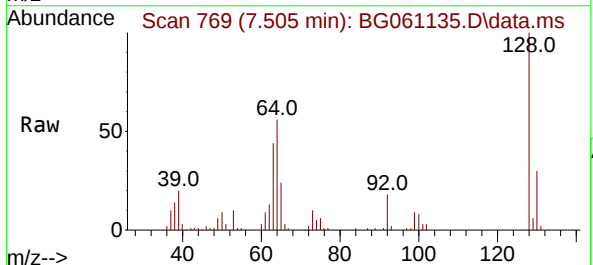
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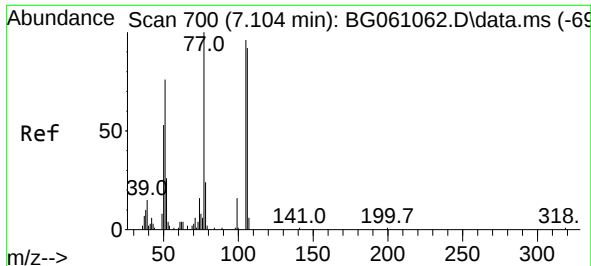
Tgt Ion: 99 Resp: 182627
Ion Ratio Lower Upper
99 100
42 35.8 29.2 43.8
71 48.9 39.7 59.5



#8
2-Chlorophenol
Concen: 45.790 ng
RT: 7.505 min Scan# 769
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion: 128 Resp: 70001
Ion Ratio Lower Upper
128 100
130 30.3 14.1 54.1
64 55.5 34.8 74.8

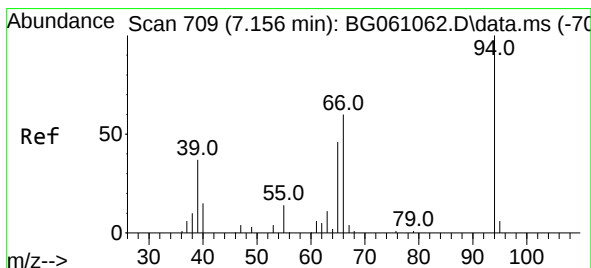
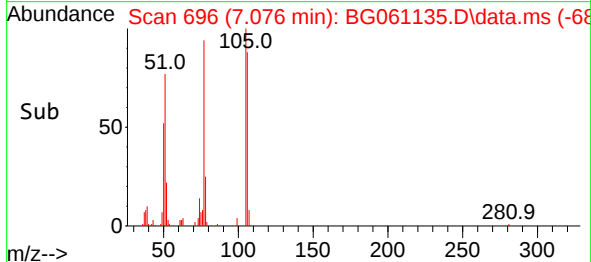
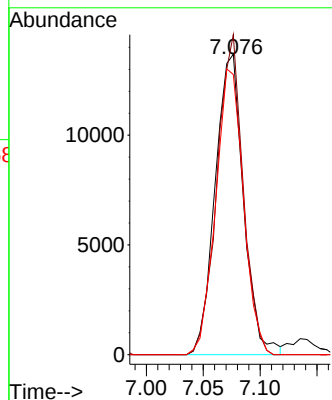
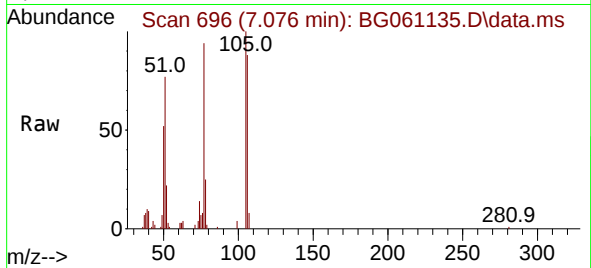




#9
Benzaldehyde
Concen: 21.356 ng
RT: 7.076 min Scan# 61
Delta R.T. -0.028 min
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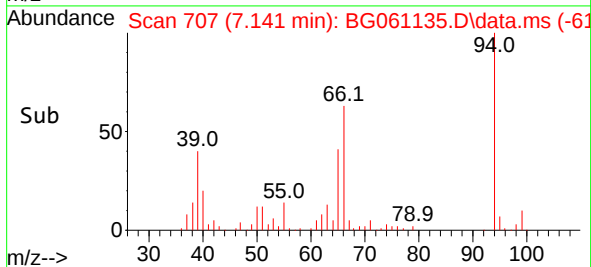
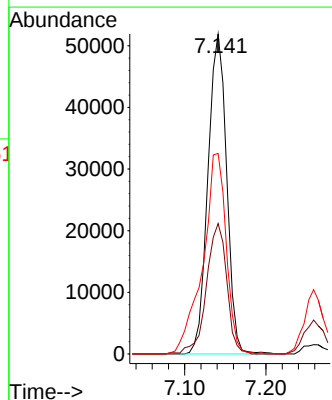
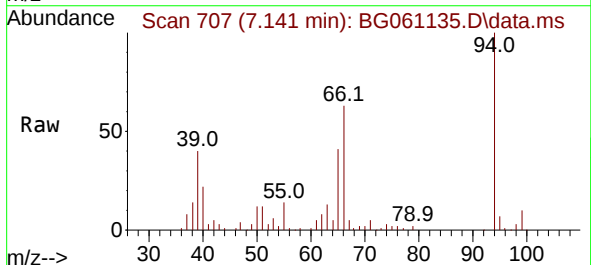
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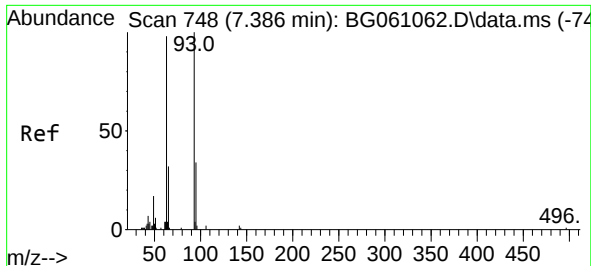
Tgt Ion: 77 Resp: 23688
Ion Ratio Lower Upper
77 100
105 106.5 76.0 116.0
106 93.2 72.3 112.3



#10
Phenol
Concen: 44.217 ng
RT: 7.141 min Scan# 707
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion: 94 Resp: 82888
Ion Ratio Lower Upper
94 100
65 40.7 26.8 66.8
66 62.6 44.7 84.7

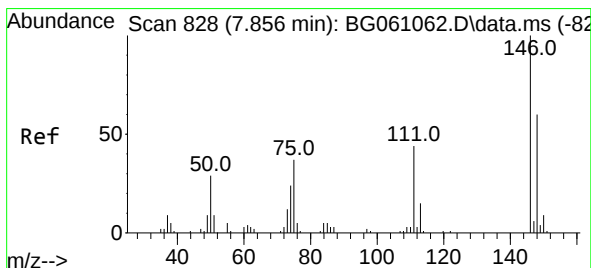
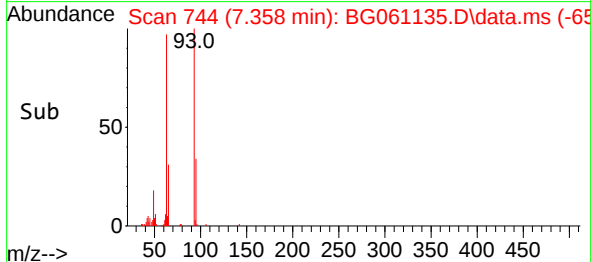
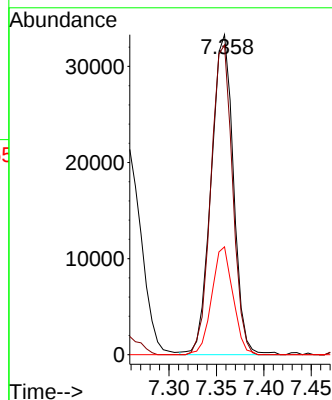
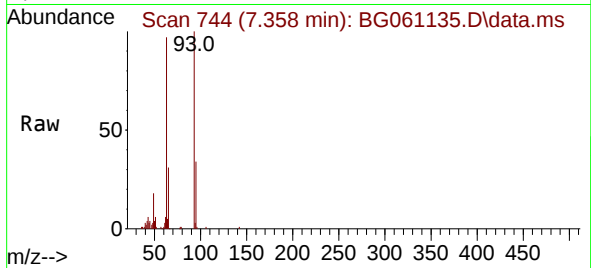




#11
bis(2-Chloroethyl)ether
Concen: 41.951 ng
RT: 7.358 min Scan# 744
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

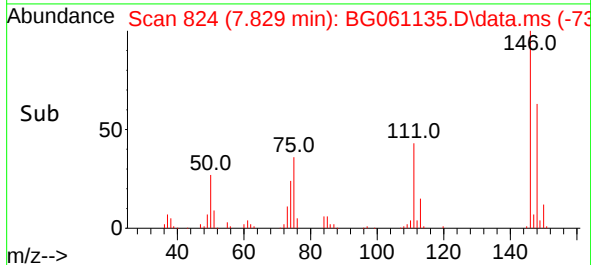
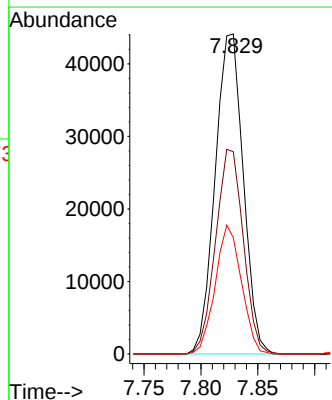
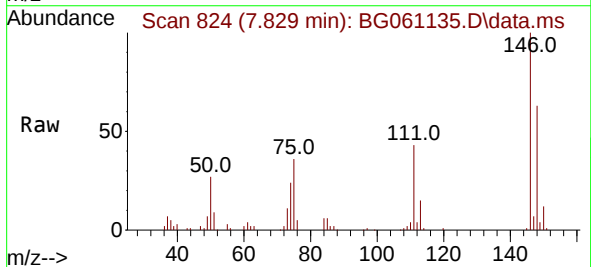
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

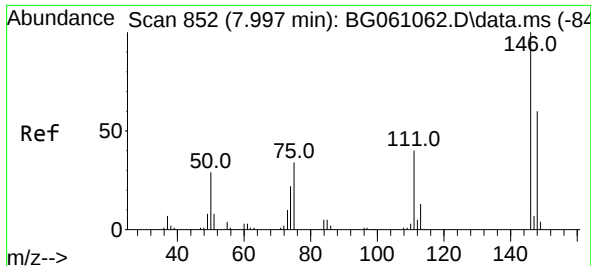
Tgt Ion: 93 Resp: 54327
Ion Ratio Lower Upper
93 100
63 96.8 76.8 116.8
95 33.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 42.071 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:146 Resp: 75821
Ion Ratio Lower Upper
146 100
148 63.2 48.0 72.0
75 36.3 29.5 44.3

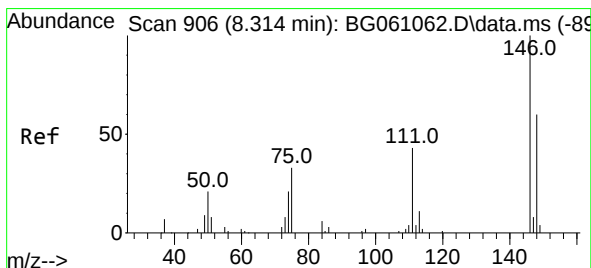
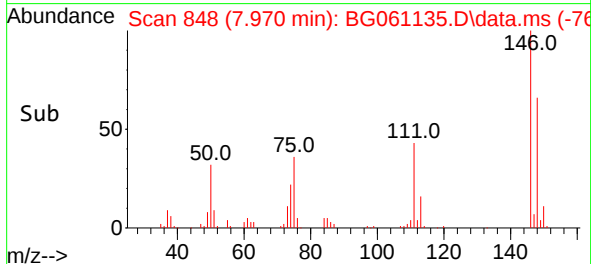
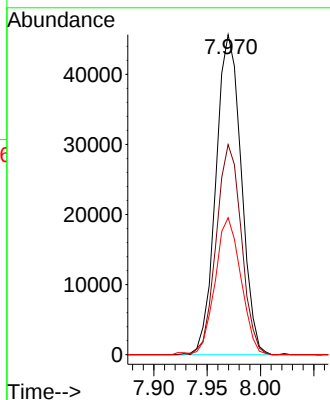
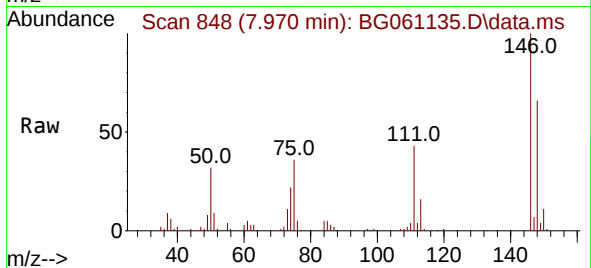




#13
1,4-Dichlorobenzene
Concen: 40.520 ng
RT: 7.970 min Scan# 84
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

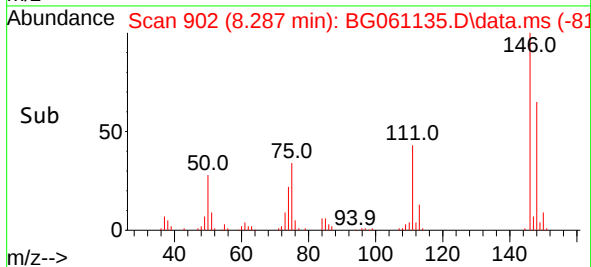
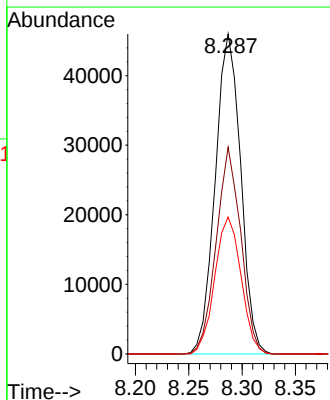
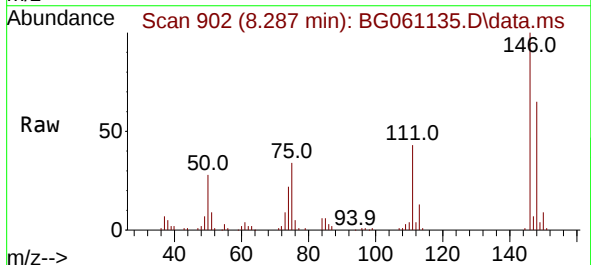
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

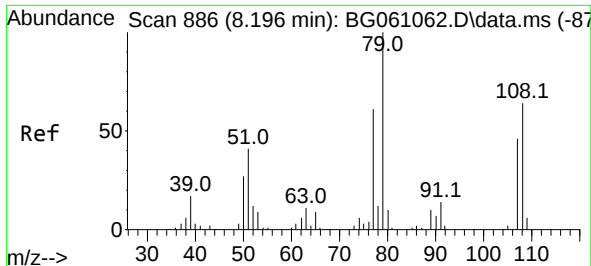
Tgt Ion:146 Resp: 75474
Ion Ratio Lower Upper
146 100
148 65.6 48.1 72.1
111 42.8 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 42.475 ng
RT: 8.287 min Scan# 902
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:146 Resp: 76330
Ion Ratio Lower Upper
146 100
148 64.6 48.2 72.2
111 42.8 36.2 54.2

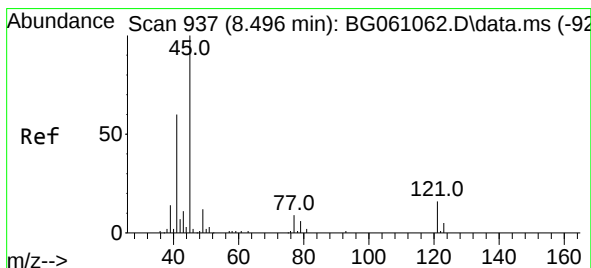
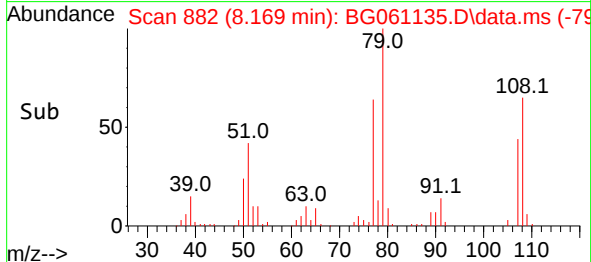
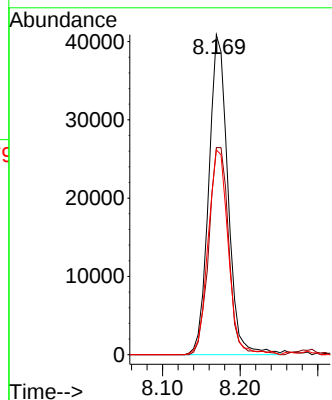
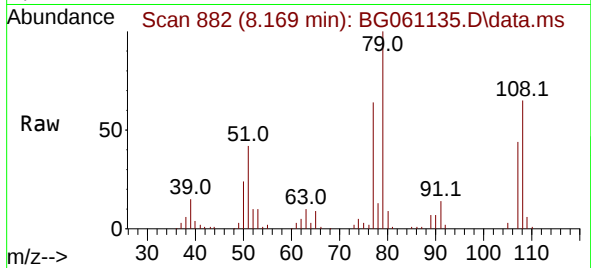




#15
Benzyl Alcohol
Concen: 42.164 ng
RT: 8.169 min Scan# 81
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

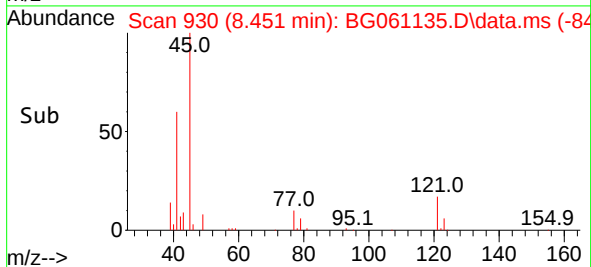
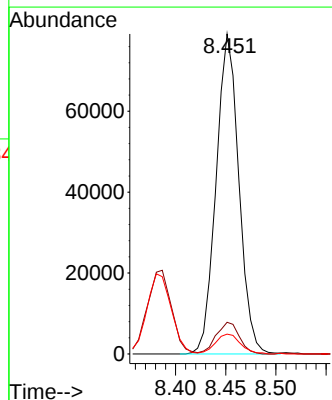
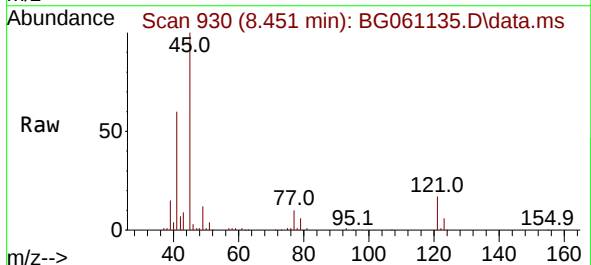
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

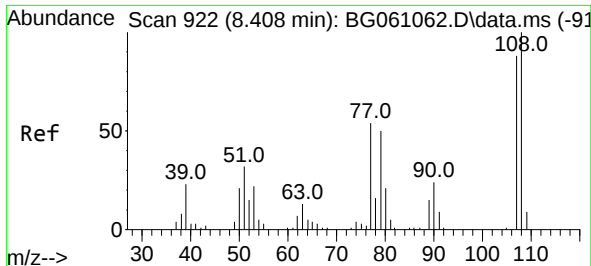
Tgt Ion: 79	Resp: 70113
Ion Ratio	Lower Upper
79 100	
108 64.7	51.1 76.7
77 64.0	49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.334 ng
RT: 8.451 min Scan# 930
Delta R.T. -0.045 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion: 45	Resp: 124583
Ion Ratio	Lower Upper
45 100	
77 9.9	0.0 30.2
79 6.2	0.0 26.5

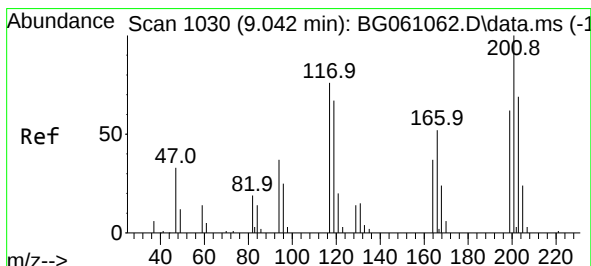
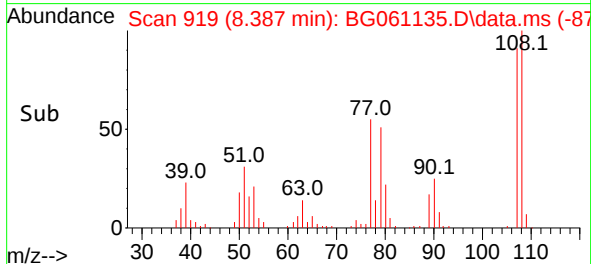
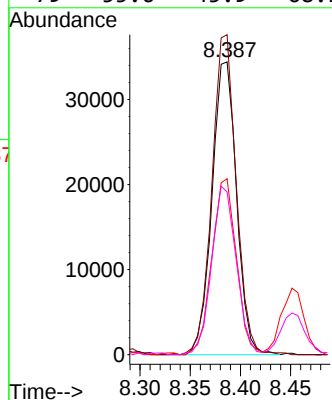
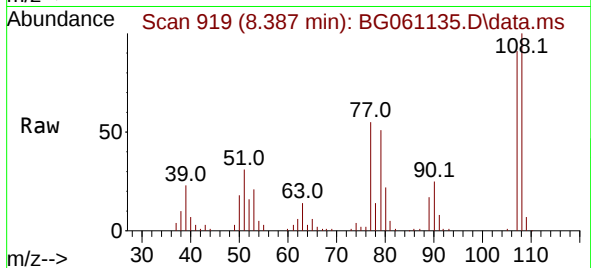




#17
2-Methylphenol
Concen: 43.838 ng
RT: 8.387 min Scan# 91
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

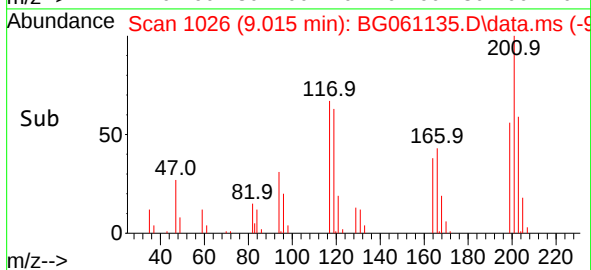
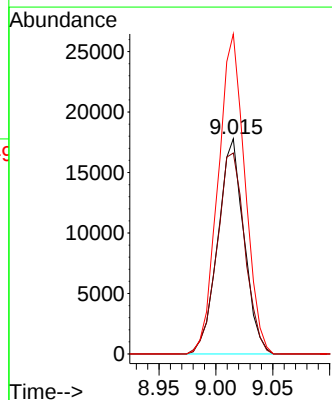
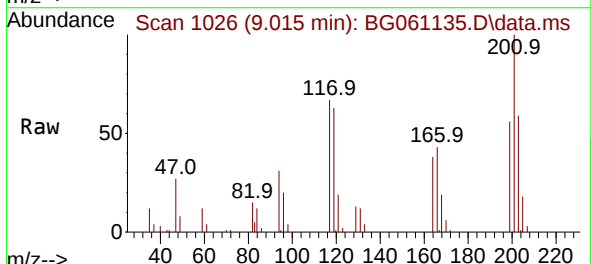
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

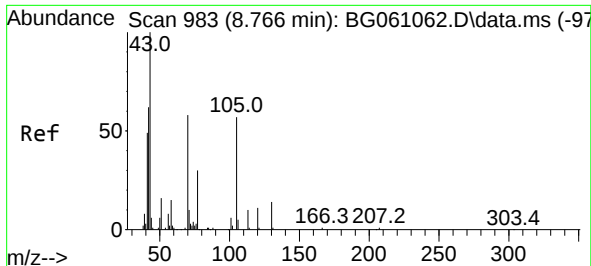
Tgt Ion:	107	Resp:	58563
Ion	Ratio	Lower	Upper
107	100		
108	109.3	91.4	137.2
77	60.1	49.4	74.2
79	55.6	45.9	68.9



#18
Hexachloroethane
Concen: 42.845 ng
RT: 9.015 min Scan# 1026
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:	117	Resp:	28476
Ion	Ratio	Lower	Upper
117	100		
119	93.4	71.4	107.0
201	148.7	105.8	158.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.092 ng

RT: 8.739 min Scan# 91

Delta R.T. -0.027 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

Tgt Ion: 70 Resp: 52548

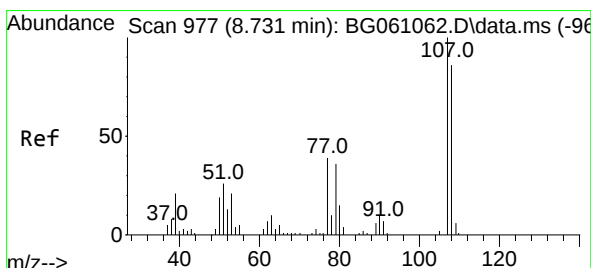
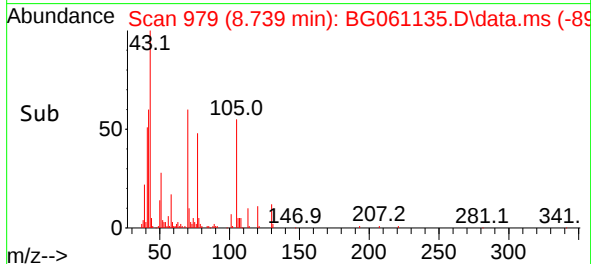
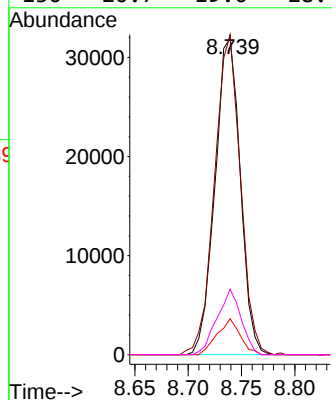
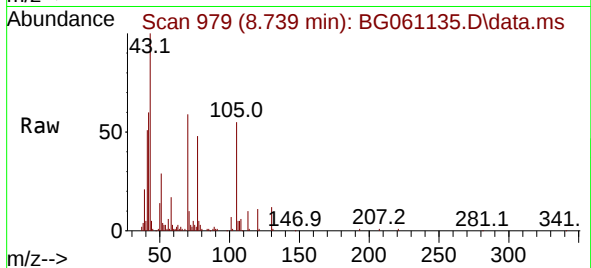
Ion Ratio Lower Upper

70 100

42 101.2 86.4 129.6

101 11.4 7.8 11.8

130 20.7 19.0 28.4



#20

3+4-Methylphenols

Concen: 42.188 ng

RT: 8.710 min Scan# 974

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Tgt Ion: 107 Resp: 81311

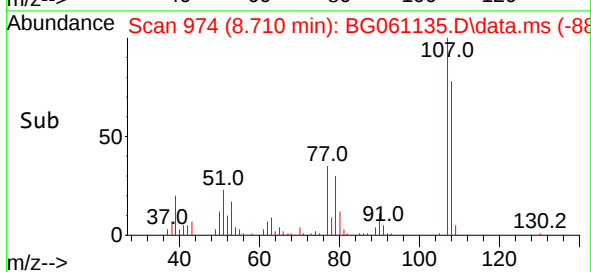
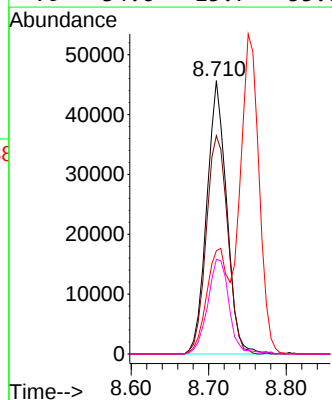
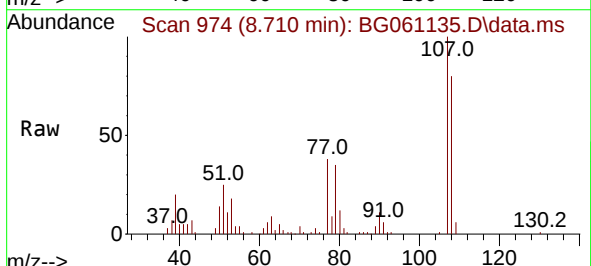
Ion Ratio Lower Upper

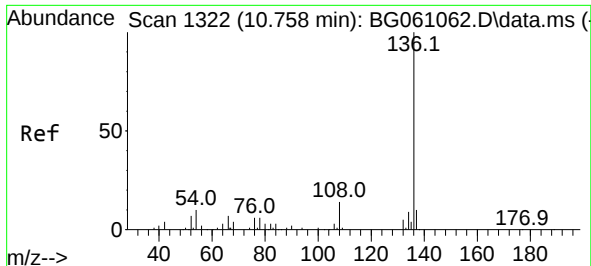
107 100

108 79.8 65.7 105.7

77 37.8 19.4 59.4

79 34.6 15.7 55.7



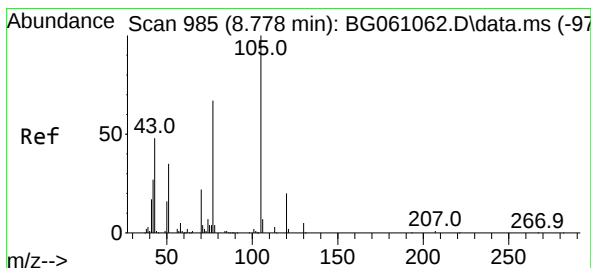
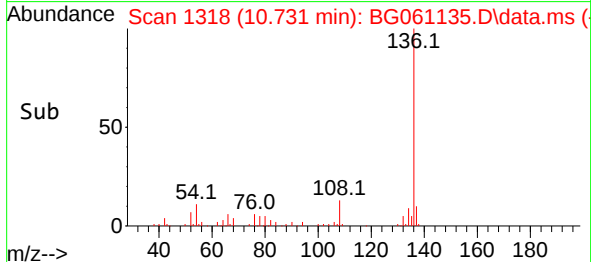
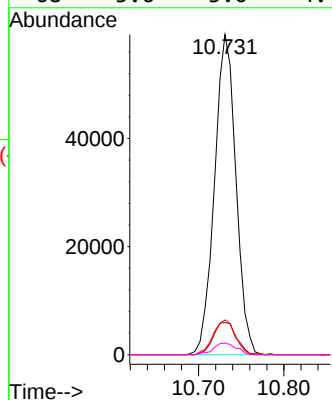
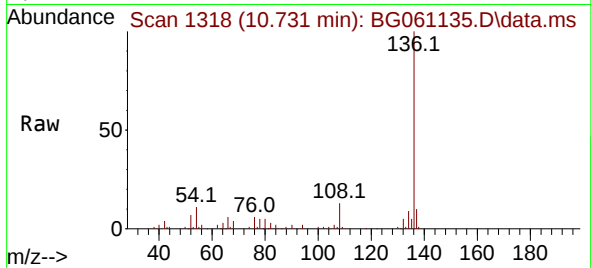


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

Tgt Ion:136 Resp: 103420

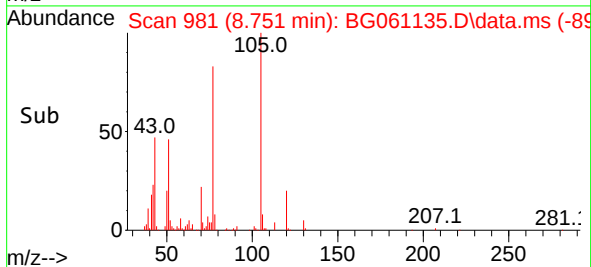
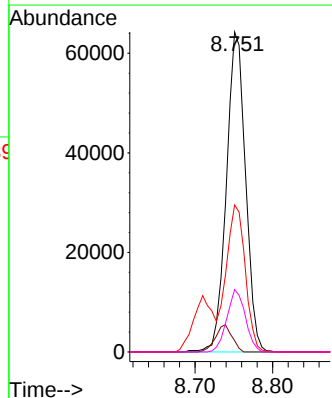
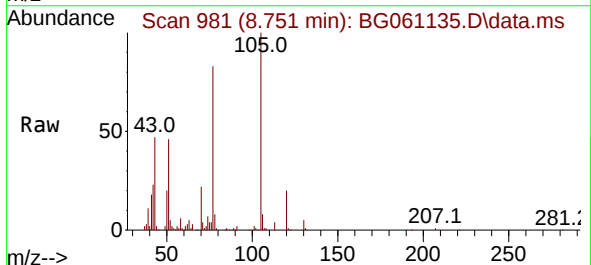
Ion	Ratio	Lower	Upper
136	100		
137	10.0	7.8	11.6
54	10.9	8.1	12.1
68	3.6	3.0	4.4

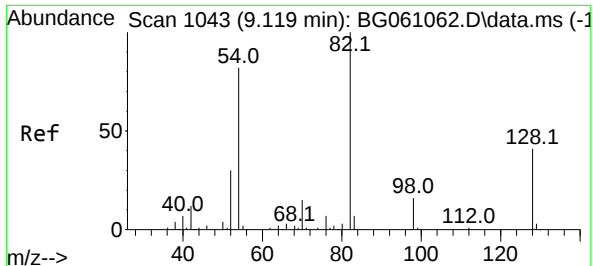


#22
Acetophenone
Concen: 42.917 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:105 Resp: 110536

Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.3	4.9
51	45.9	36.7	55.1
120	19.5	15.7	23.5





#23

Nitrobenzene-d5

Concen: 63.682 ng

RT: 9.092 min Scan# 1043

Delta R.T. -0.027 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

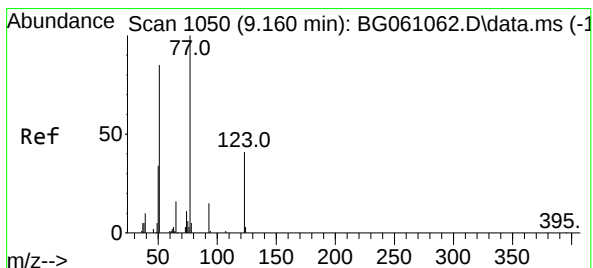
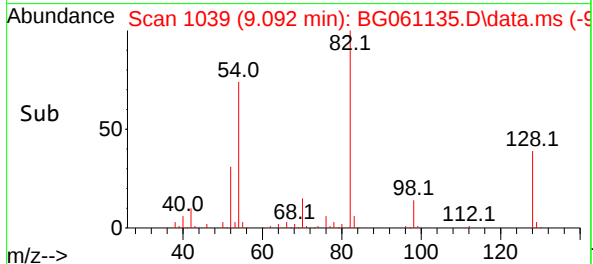
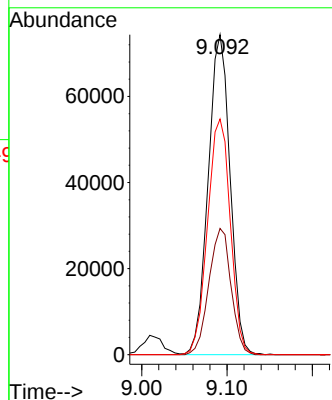
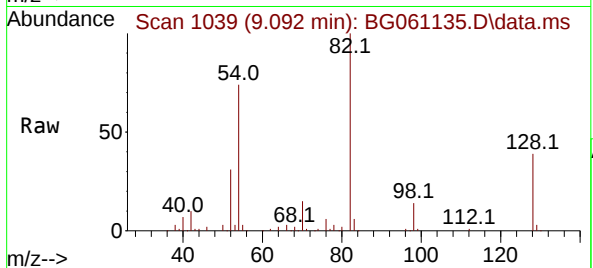
Tgt Ion: 82 Resp: 132857

Ion Ratio Lower Upper

82 100

128 39.4 32.7 49.1

54 73.6 65.6 98.4



#24

Nitrobenzene

Concen: 41.266 ng

RT: 9.133 min Scan# 1046

Delta R.T. -0.027 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

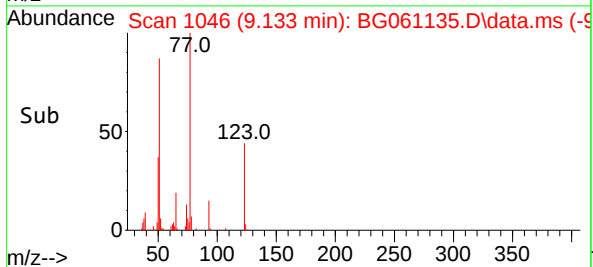
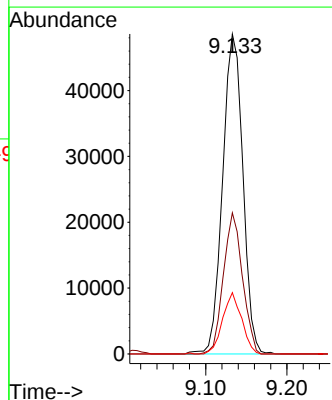
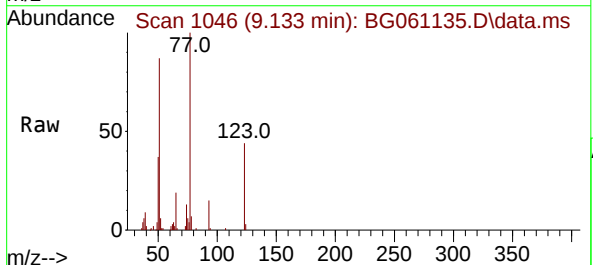
Tgt Ion: 77 Resp: 84221

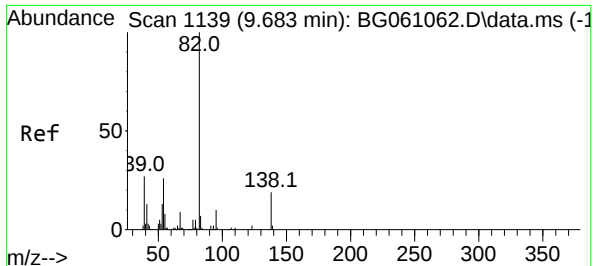
Ion Ratio Lower Upper

77 100

123 44.1 33.1 49.7

65 19.2 13.1 19.7

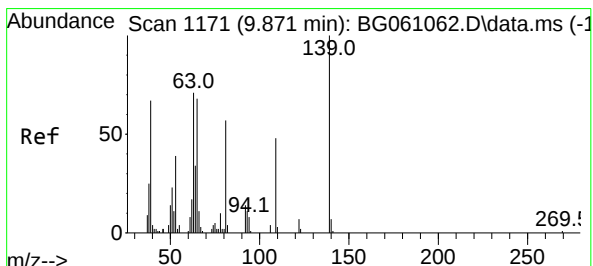
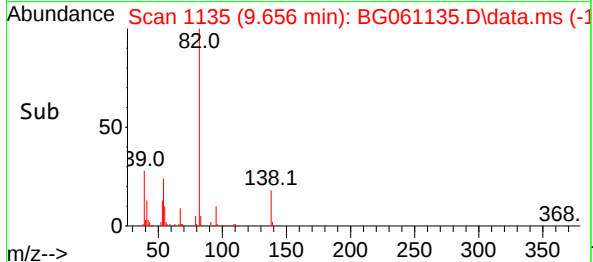
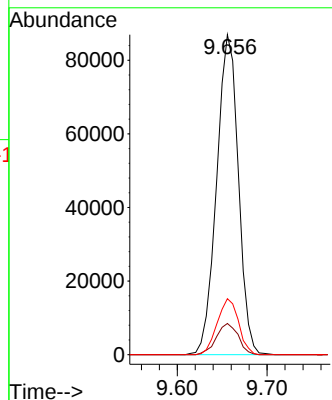
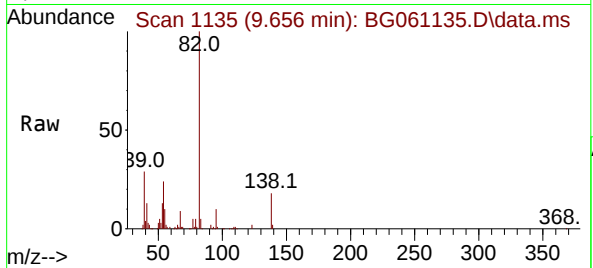




#25
Isophorone
Concen: 37.875 ng
RT: 9.656 min Scan# 1135
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

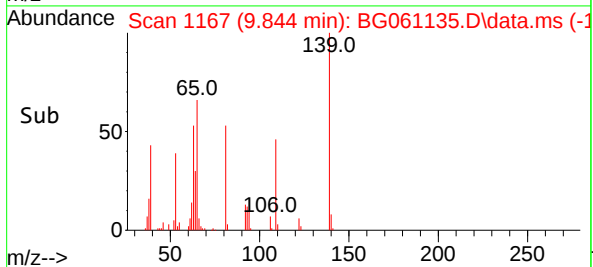
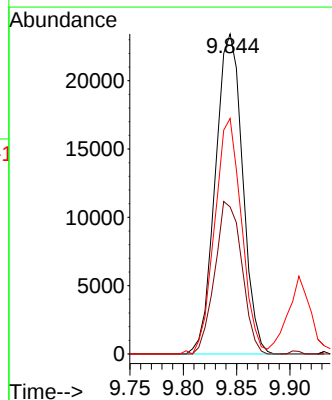
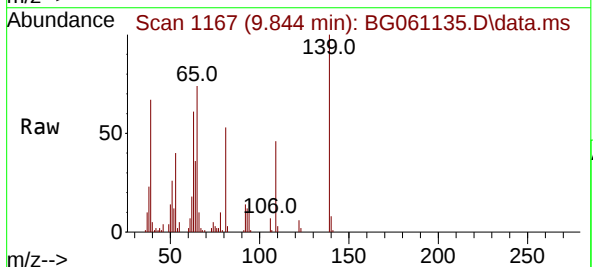
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

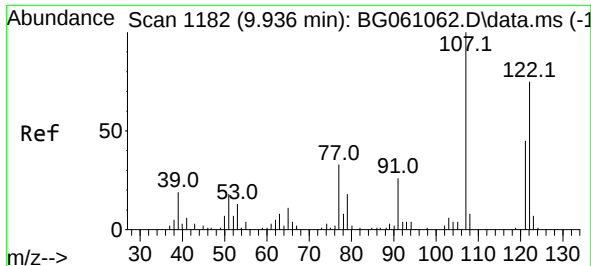
Tgt Ion: 82 Resp: 146062
Ion Ratio Lower Upper
82 100
95 9.8 8.3 12.5
138 17.5 15.2 22.8



#26
2-Nitrophenol
Concen: 43.055 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion: 139 Resp: 41633
Ion Ratio Lower Upper
139 100
109 45.9 38.5 57.7
65 73.6 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 47.923 ng

RT: 9.908 min Scan# 1182

Delta R.T. -0.027 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

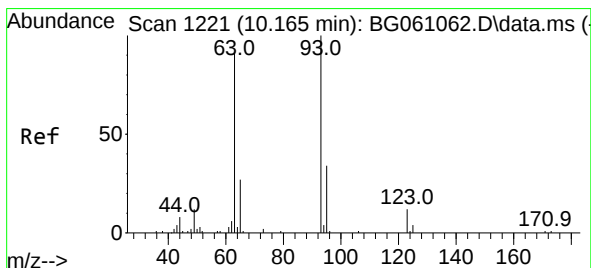
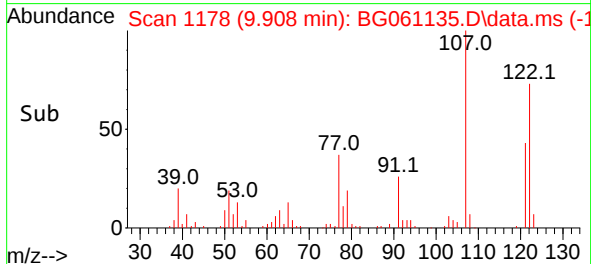
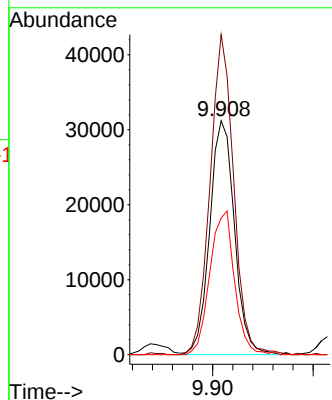
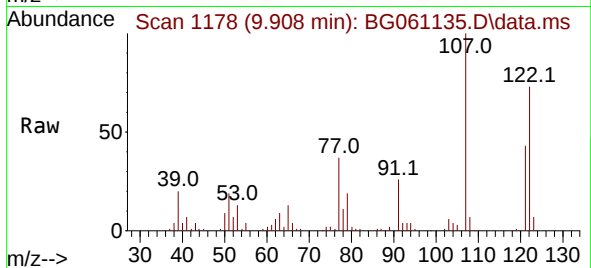
Tgt Ion:122 Resp: 53425

Ion Ratio Lower Upper

122 100

107 136.8 106.9 160.3

121 58.4 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 42.616 ng

RT: 10.138 min Scan# 1217

Delta R.T. -0.027 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

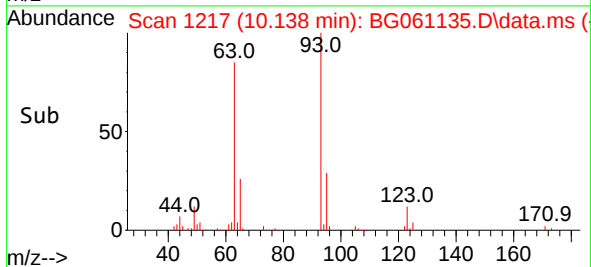
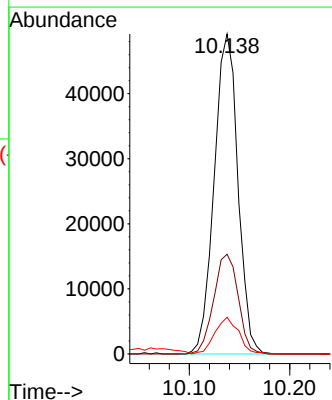
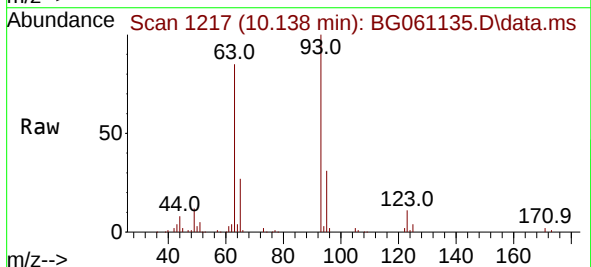
Tgt Ion: 93 Resp: 80659

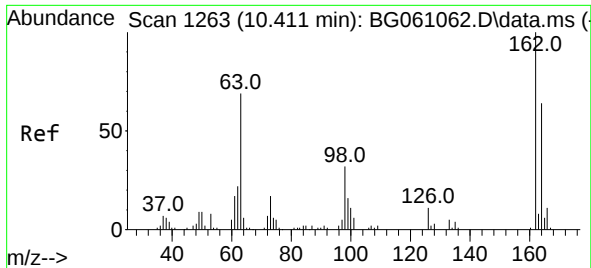
Ion Ratio Lower Upper

93 100

95 31.2 27.4 41.0

123 11.5 9.7 14.5

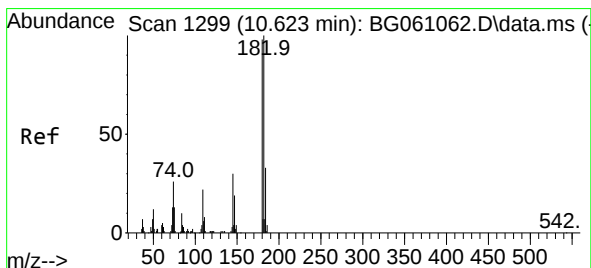
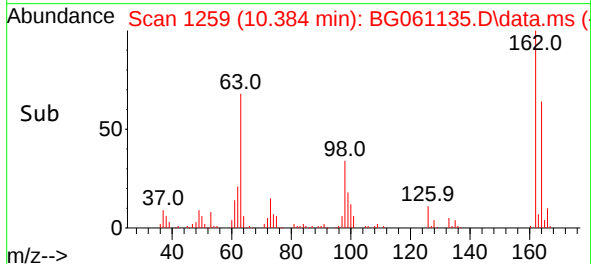
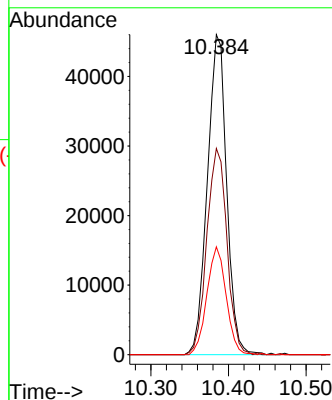
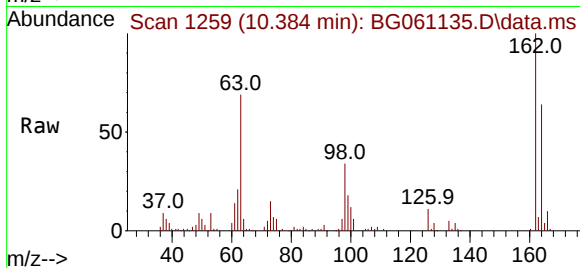




#29
2,4-Dichlorophenol
Concen: 45.502 ng
RT: 10.384 min Scan# 1259
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

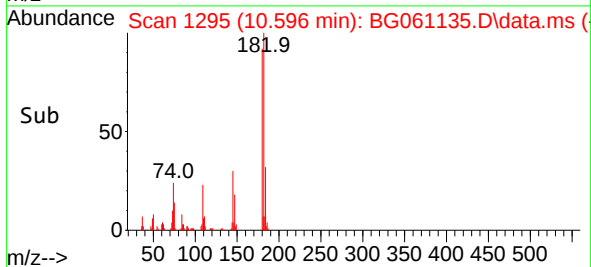
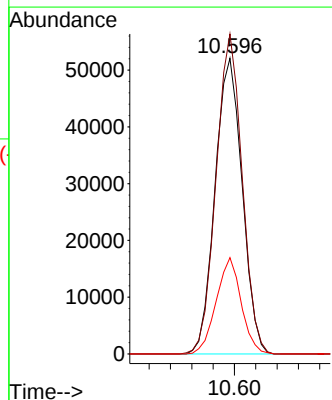
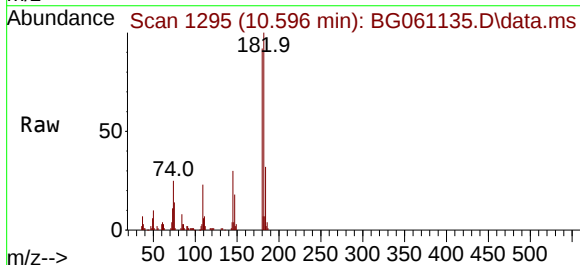
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

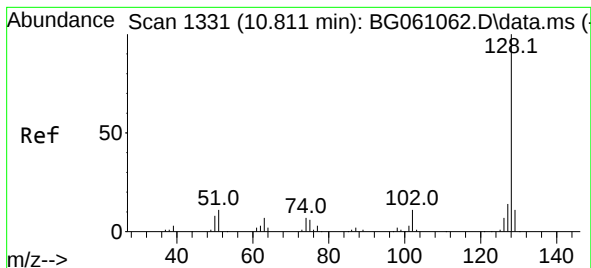
Tgt Ion:162 Resp: 79479
Ion Ratio Lower Upper
162 100
164 64.5 43.6 83.6
98 33.7 12.3 52.3



#30
1,2,4-Trichlorobenzene
Concen: 43.689 ng
RT: 10.596 min Scan# 1295
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:180 Resp: 91952
Ion Ratio Lower Upper
180 100
182 108.2 81.7 122.5
145 32.6 24.5 36.7





#31

Naphthalene

Concen: 42.659 ng

RT: 10.784 min Scan# 11

Delta R.T. -0.027 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

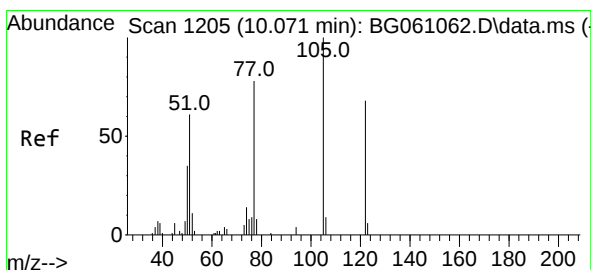
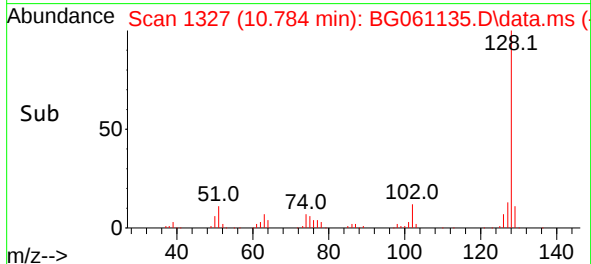
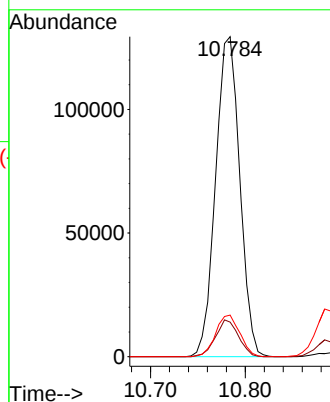
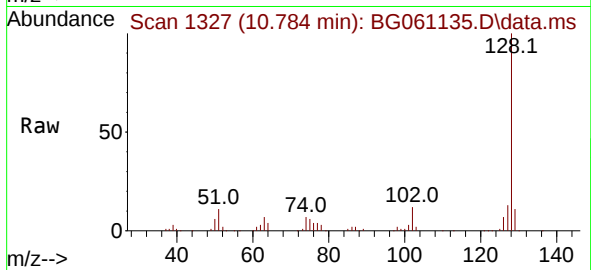
Tgt Ion:128 Resp: 229287

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.0 11.1 16.7



#32

Benzoic acid

Concen: 28.038 ng

RT: 10.073 min Scan# 1206

Delta R.T. 0.002 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

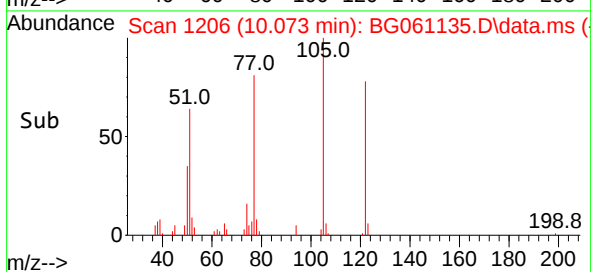
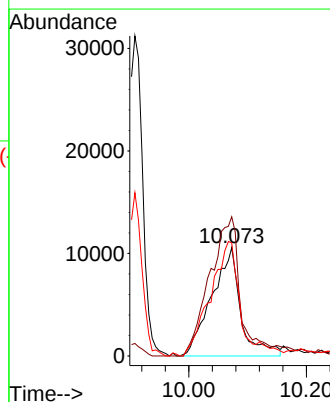
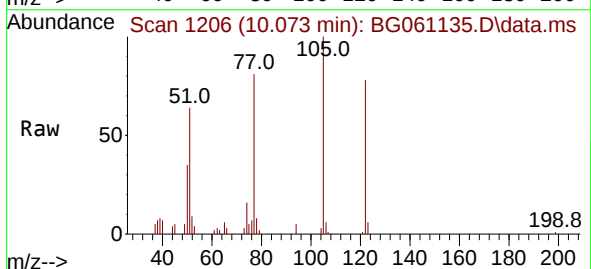
Tgt Ion:122 Resp: 36134

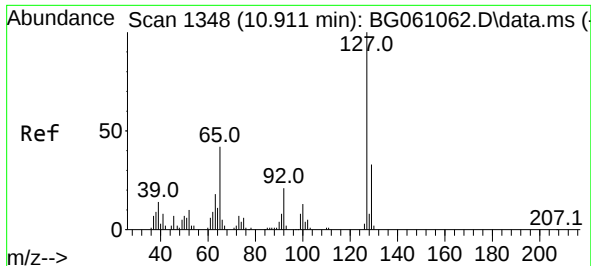
Ion Ratio Lower Upper

122 100

105 128.5 123.3 163.3

77 104.5 93.2 133.2

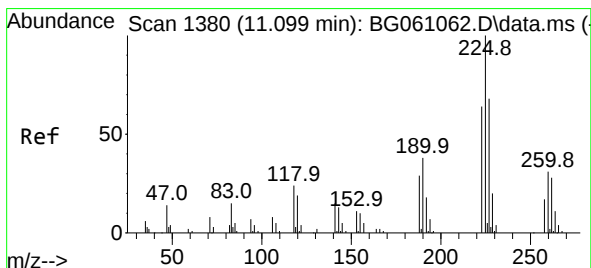
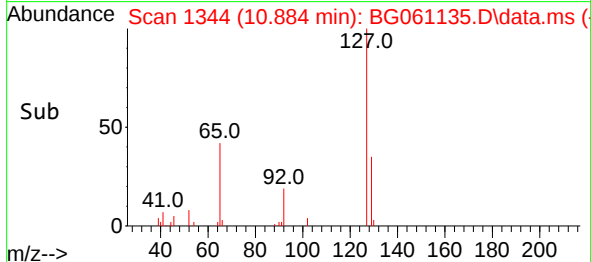
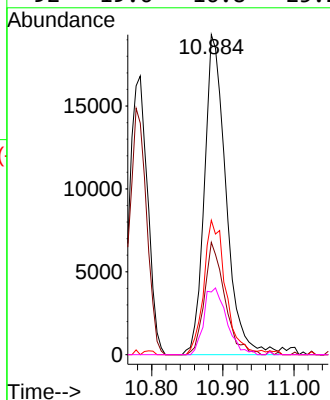
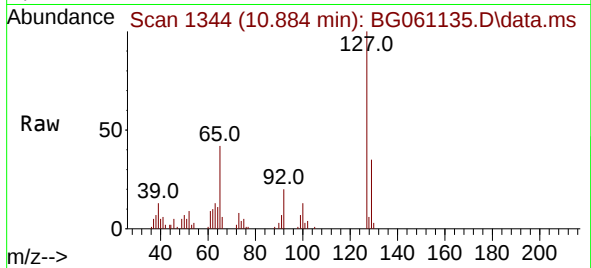




#33
4-Chloroaniline
Concen: 19.094 ng
RT: 10.884 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

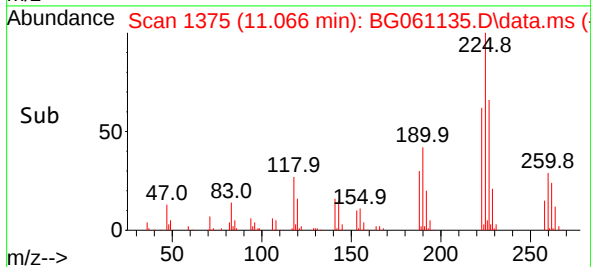
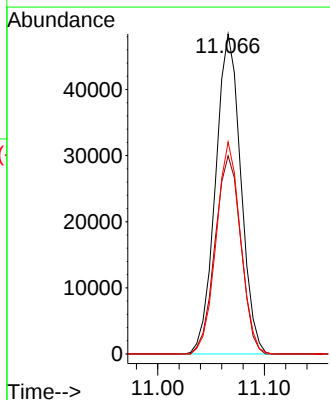
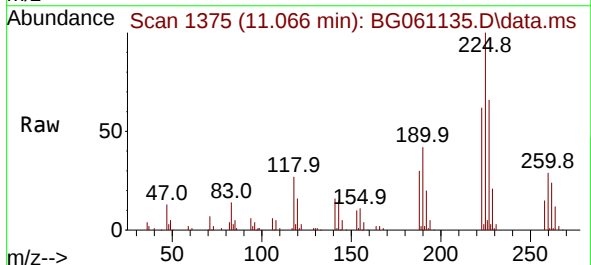
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

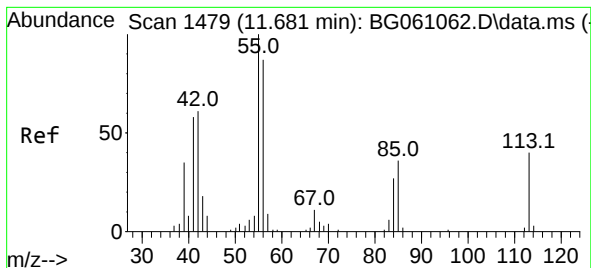
Tgt Ion:127	Resp:	40931
Ion Ratio	Lower	Upper
127	100	
129	35.1	26.6 39.8
65	42.0	33.6 50.4
92	19.6	16.8 25.2



#34
Hexachlorobutadiene
Concen: 44.096 ng
RT: 11.066 min Scan# 1375
Delta R.T. -0.033 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:225	Resp:	79633
Ion Ratio	Lower	Upper
225	100	
223	61.9	51.0 76.4
227	66.2	54.6 82.0





#35

Caprolactam

Concen: 29.442 ng

RT: 11.671 min Scan# 1479

Delta R.T. -0.009 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

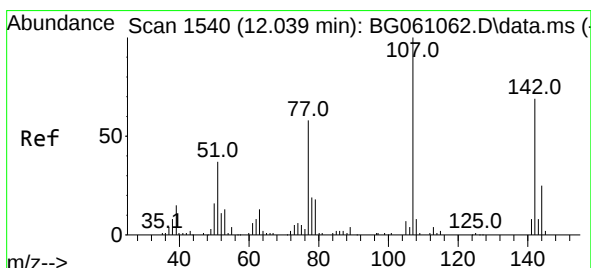
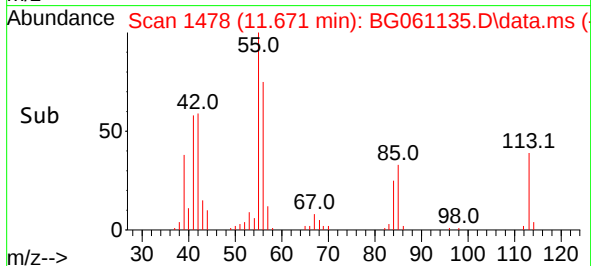
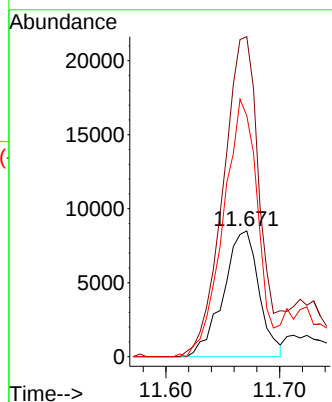
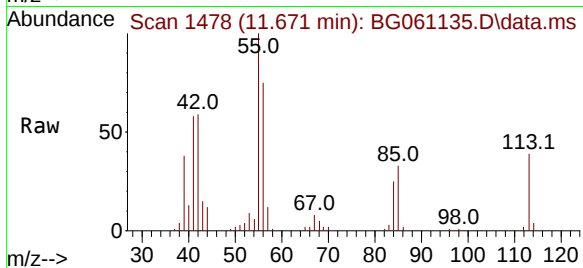
Tgt Ion:113 Resp: 18520

Ion Ratio Lower Upper

113 100

55 254.5 227.6 267.6

56 191.8 195.1 235.1#



#36

4-Chloro-3-methylphenol

Concen: 40.055 ng

RT: 12.024 min Scan# 1538

Delta R.T. -0.015 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

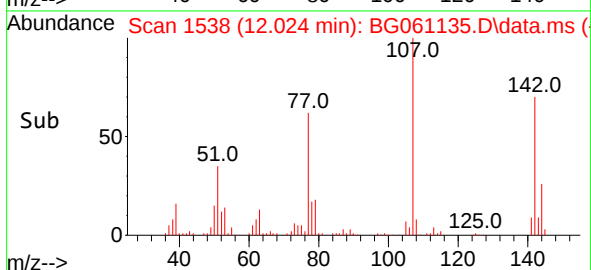
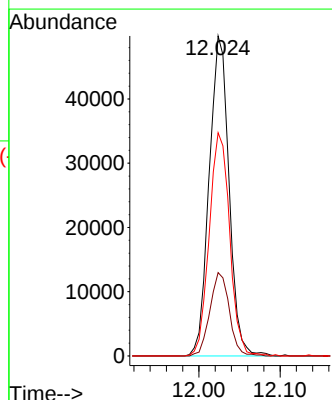
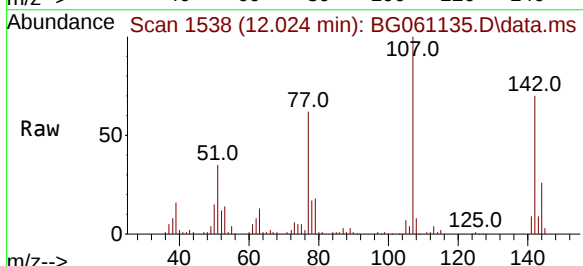
Tgt Ion:107 Resp: 84368

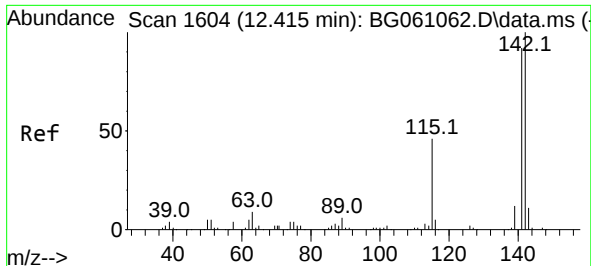
Ion Ratio Lower Upper

107 100

144 26.1 20.2 30.4

142 69.7 55.6 83.4





#37

2-Methylnaphthalene

Concen: 41.155 ng

RT: 12.388 min Scan# 1

Delta R.T. -0.027 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

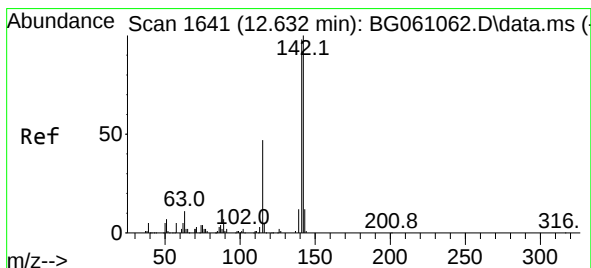
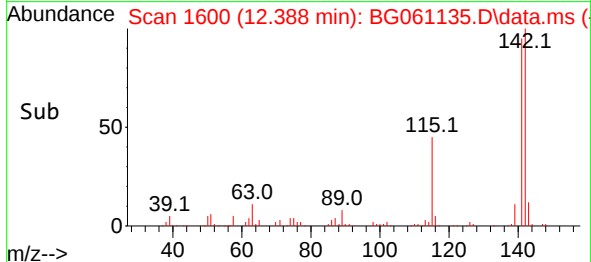
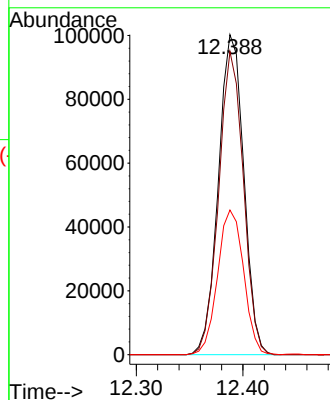
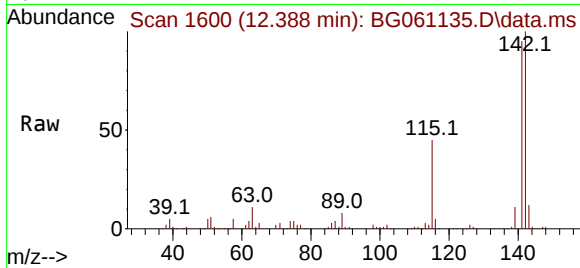
Tgt Ion:142 Resp: 165763

Ion Ratio Lower Upper

142 100

141 94.7 73.8 110.8

115 45.2 36.9 55.3



#38

1-Methylnaphthalene

Concen: 38.464 ng

RT: 12.605 min Scan# 1637

Delta R.T. -0.027 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

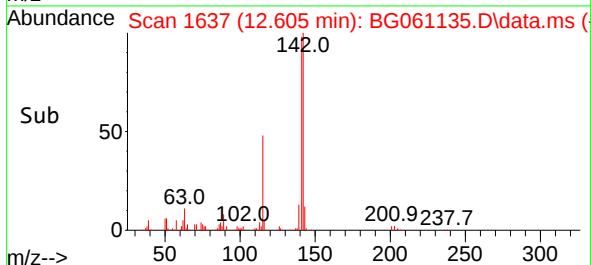
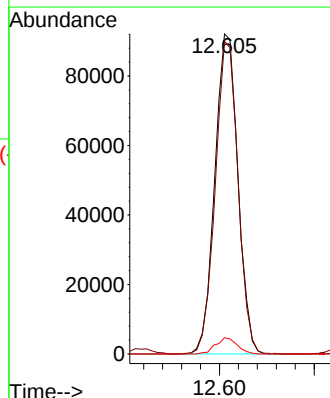
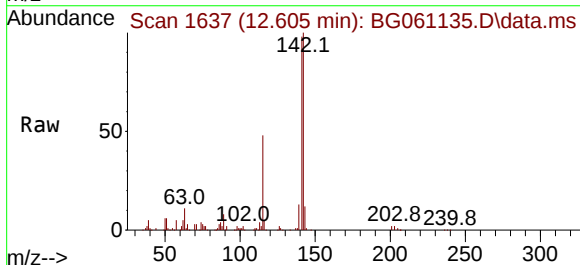
Tgt Ion:142 Resp: 155968

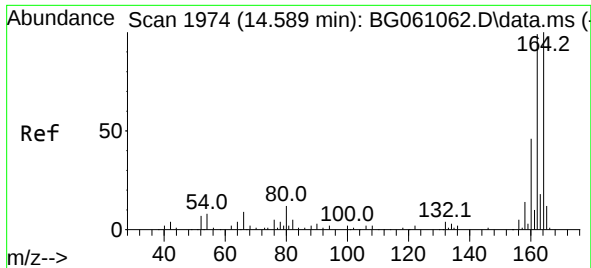
Ion Ratio Lower Upper

142 100

141 97.7 78.4 117.6

116 5.0 4.3 6.5

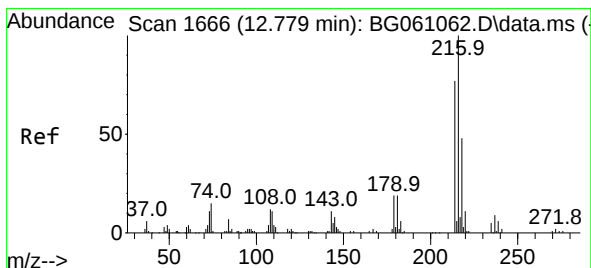
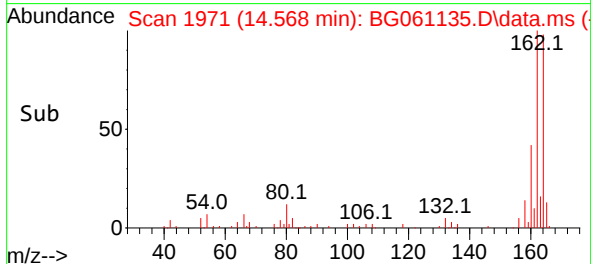
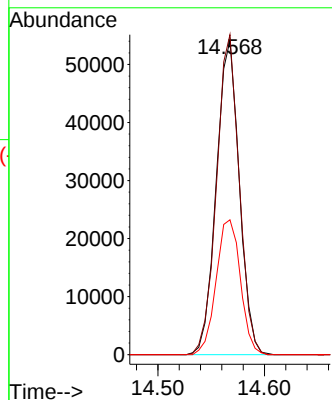
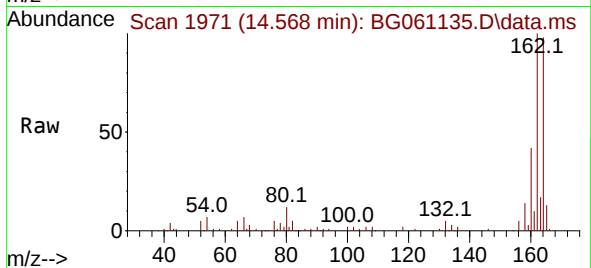




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

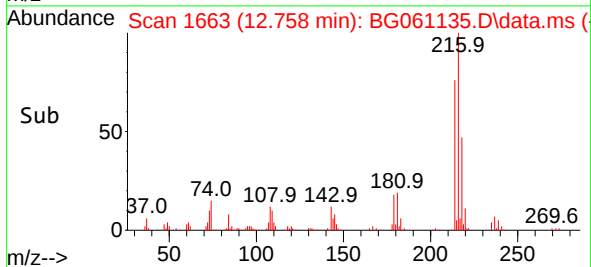
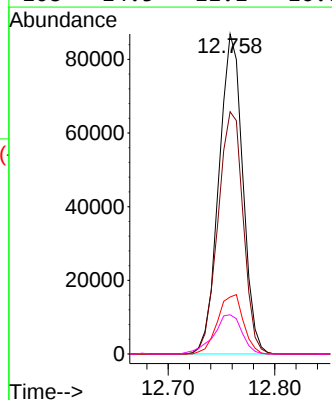
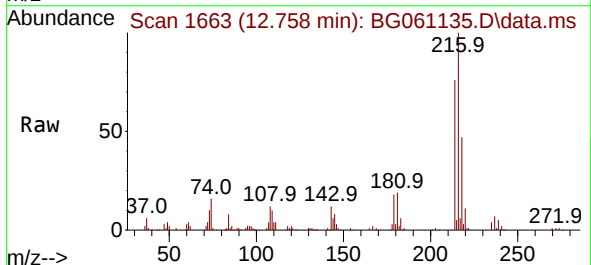
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

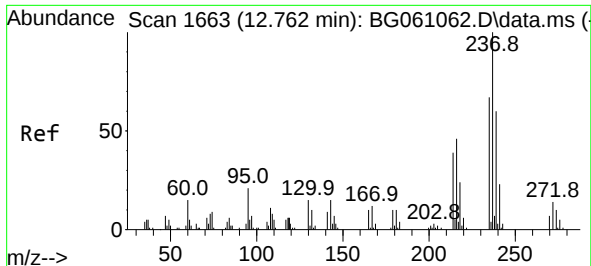
Tgt Ion:164 Resp: 81005
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.2
160 42.9 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.941 ng
RT: 12.758 min Scan# 1663
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

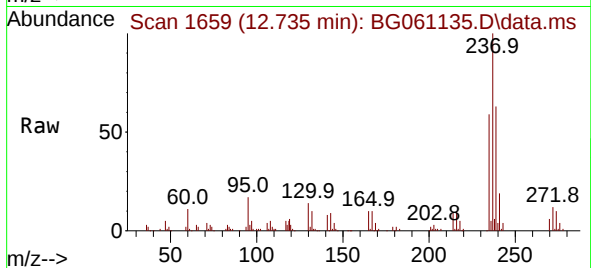
Tgt Ion:216 Resp: 135010
Ion Ratio Lower Upper
216 100
214 79.8 64.2 96.2
179 19.9 15.4 23.2
108 14.5 11.1 16.7



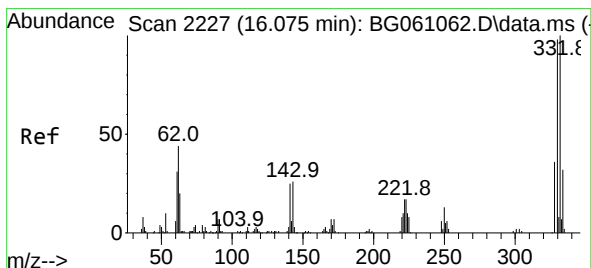
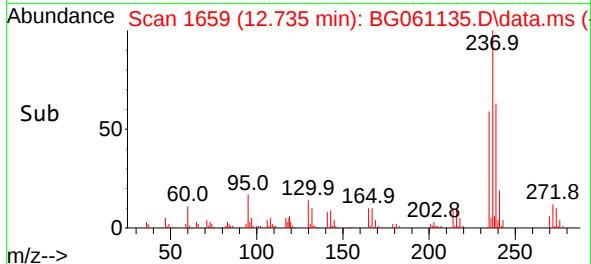
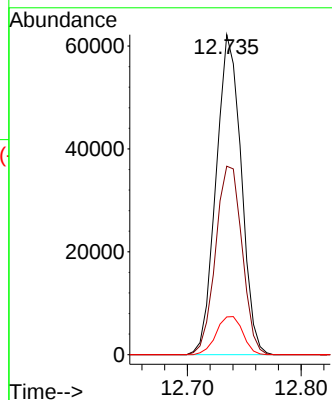


#41
Hexachlorocyclopentadiene
Concen: 92.353 ng
RT: 12.735 min Scan# 1659
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

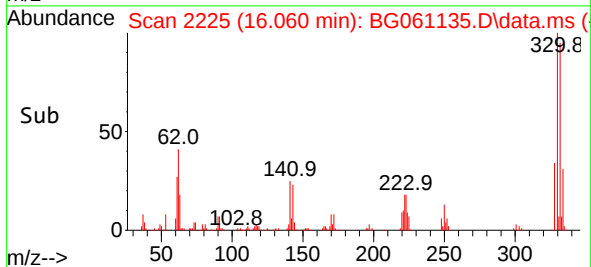
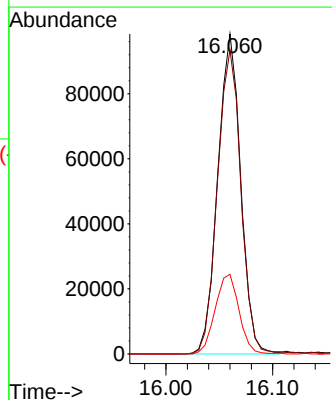
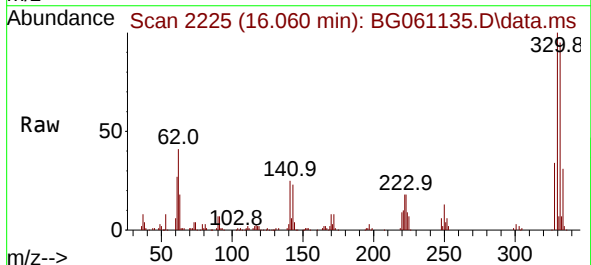


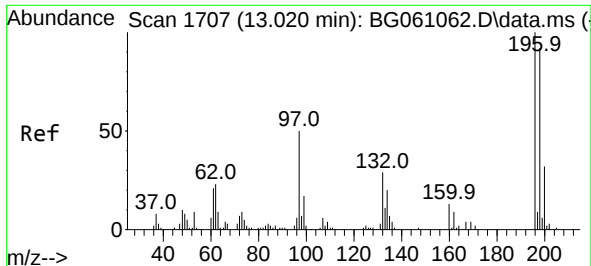
Tgt Ion:237 Resp: 95575
Ion Ratio Lower Upper
237 100
235 58.9 46.5 86.5
272 11.8 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 90.478 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:330 Resp: 146498
Ion Ratio Lower Upper
330 100
332 97.5 78.6 117.8
141 25.9 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 46.465 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

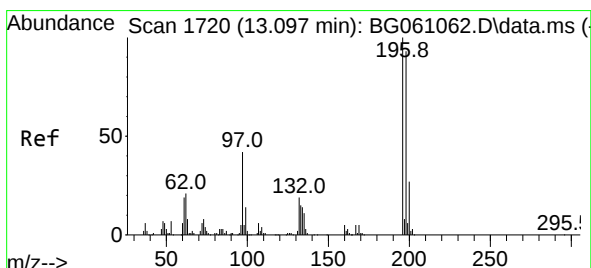
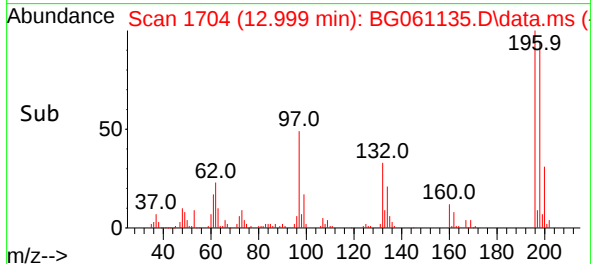
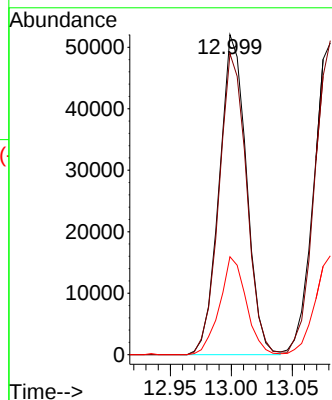
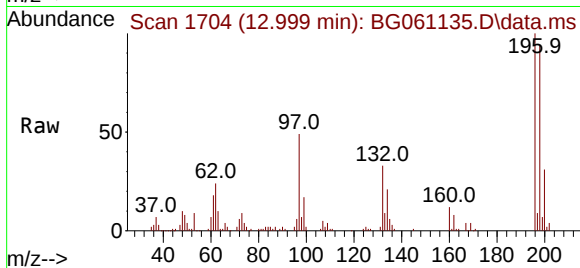
Tgt Ion:196 Resp: 80645

Ion Ratio Lower Upper

196 100

198 94.1 73.8 110.6

200 30.6 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 43.464 ng

RT: 13.081 min Scan# 1718

Delta R.T. -0.015 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Tgt Ion:196 Resp: 85376

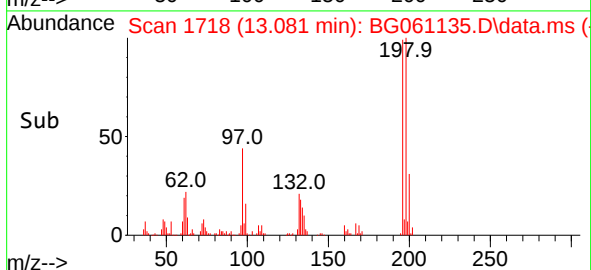
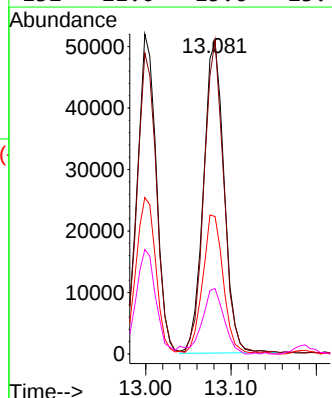
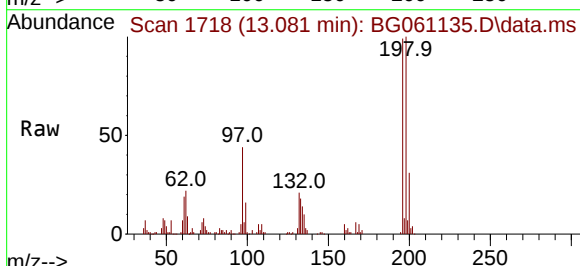
Ion Ratio Lower Upper

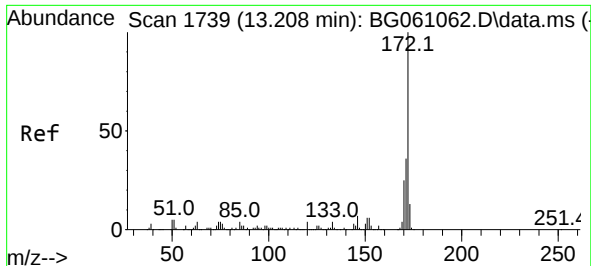
196 100

198 100.8 74.3 111.5

97 44.1 33.6 50.4

132 21.0 15.6 23.4

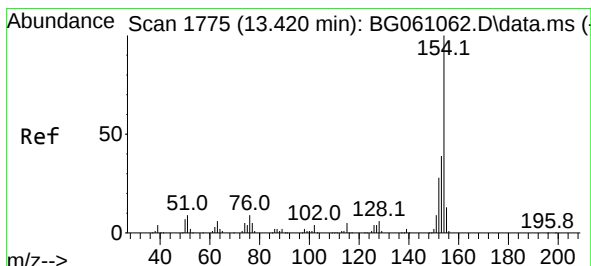
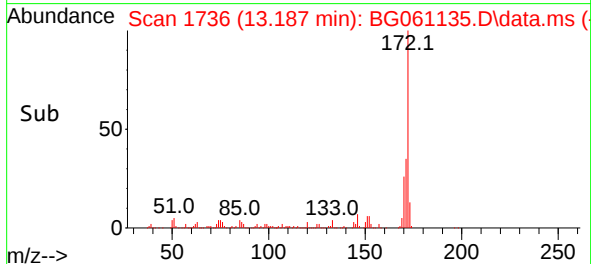
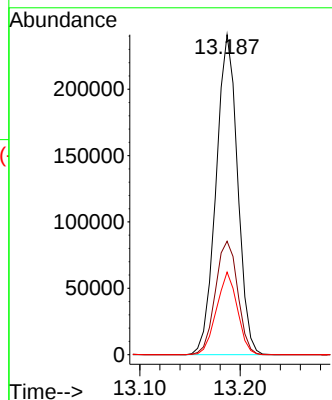
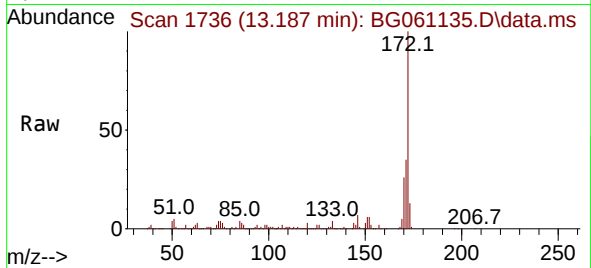




#45
2-Fluorobiphenyl
Concen: 65.451 ng
RT: 13.187 min Scan# 1736
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

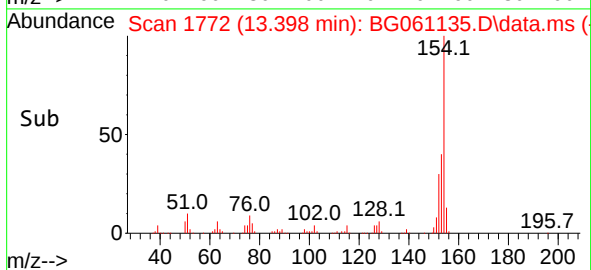
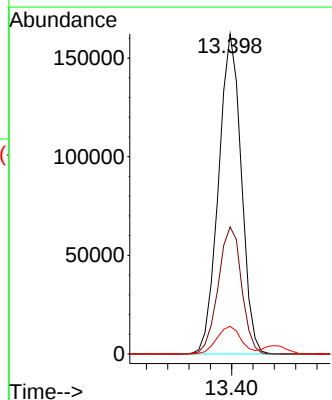
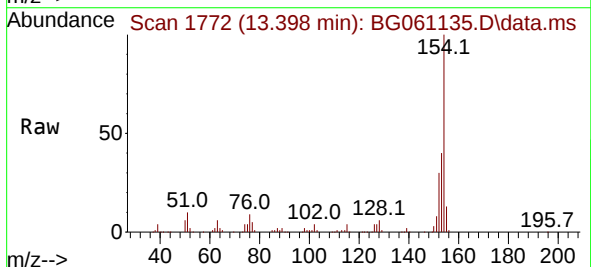
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

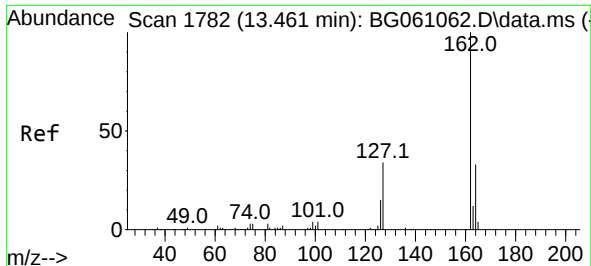
Tgt Ion:172 Resp: 358545
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 25.8 20.2 30.4



#46
1,1'-Biphenyl
Concen: 46.159 ng
RT: 13.398 min Scan# 1772
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:154 Resp: 239745
Ion Ratio Lower Upper
154 100
153 39.7 19.3 59.3
76 8.6 0.0 28.8





#47

2-Chloronaphthalene

Concen: 45.151 ng

RT: 13.440 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

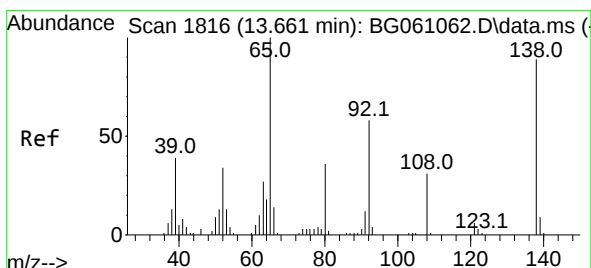
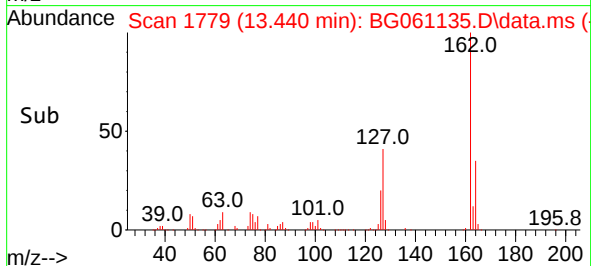
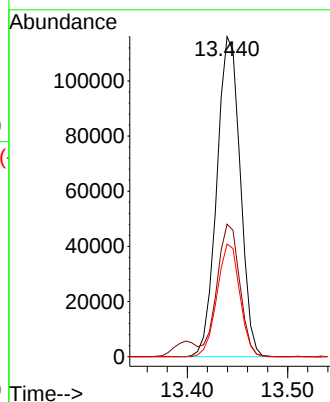
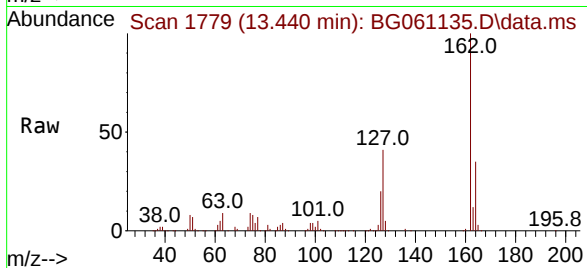
Tgt Ion:162 Resp: 187784

Ion Ratio Lower Upper

162 100

127 41.4 30.7 46.1

164 35.2 26.8 40.2



#48

2-Nitroaniline

Concen: 42.935 ng

RT: 13.639 min Scan# 1813

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

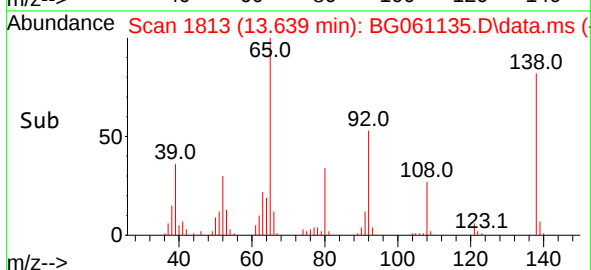
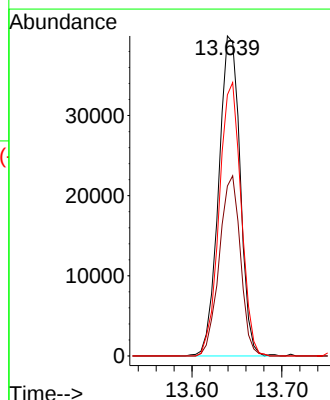
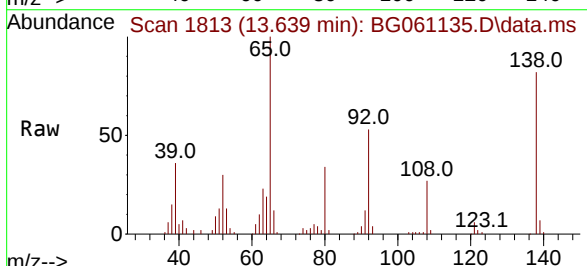
Tgt Ion: 65 Resp: 66263

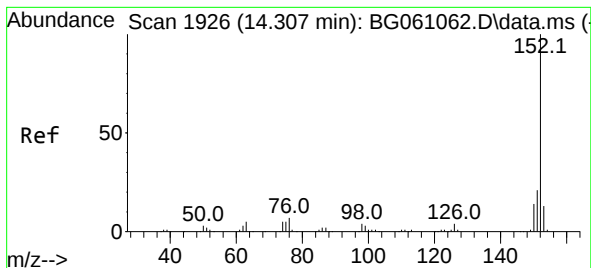
Ion Ratio Lower Upper

65 100

92 53.1 46.7 70.1

138 81.6 71.4 107.2





#49

Acenaphthylene

Concen: 48.306 ng

RT: 14.286 min Scan# 1923

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

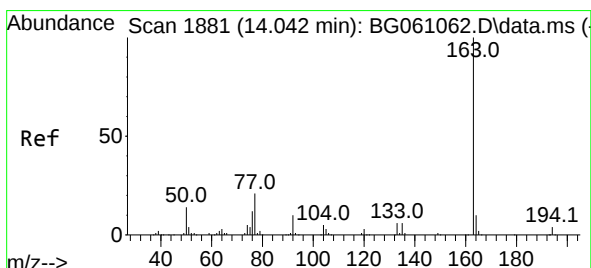
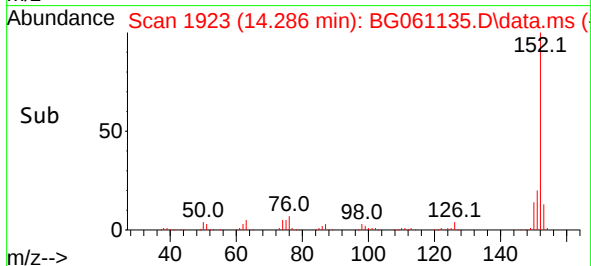
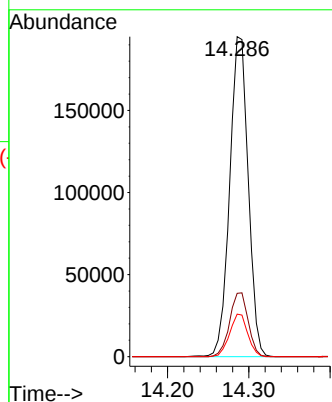
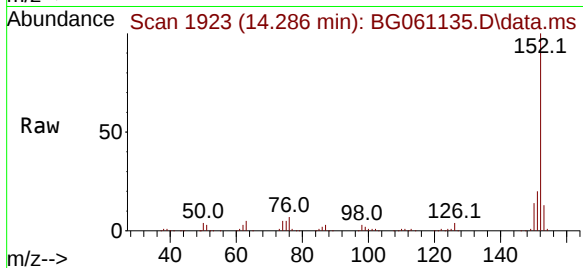
Tgt Ion:152 Resp: 308569

Ion Ratio Lower Upper

152 100

151 19.8 16.9 25.3

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 41.195 ng

RT: 14.021 min Scan# 1878

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

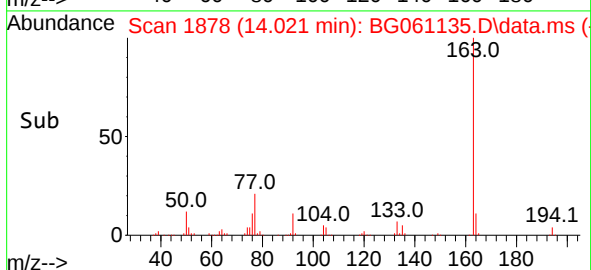
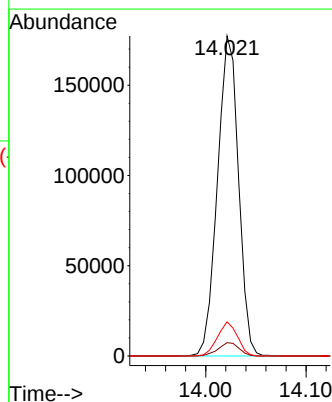
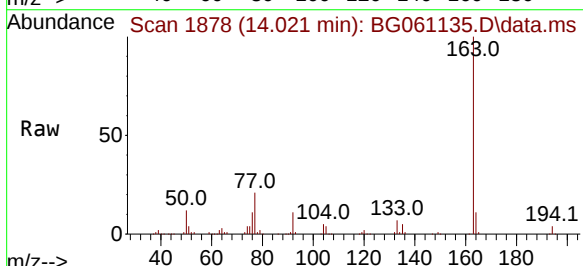
Tgt Ion:163 Resp: 257748

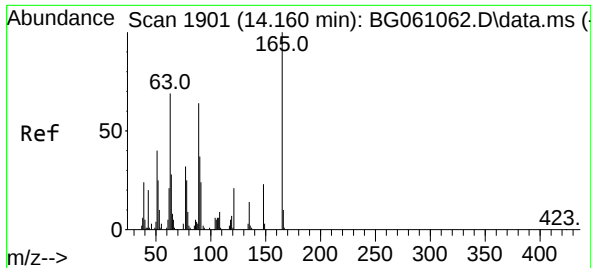
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.6 7.8 11.8

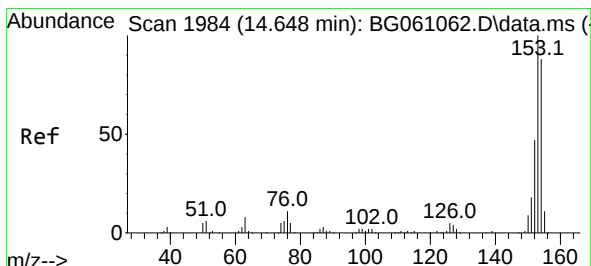
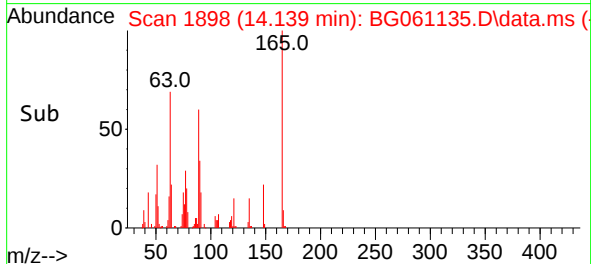
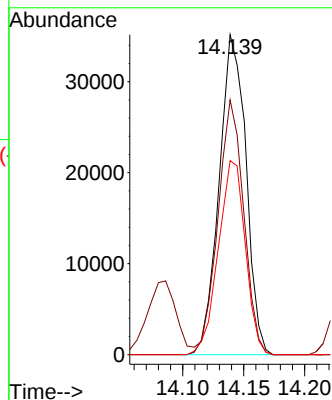
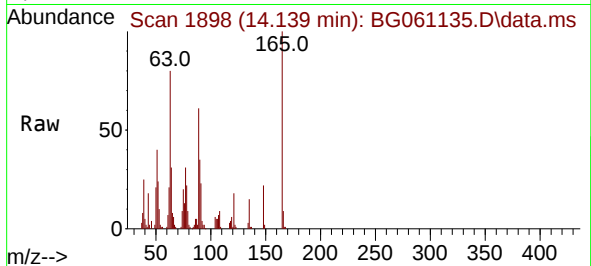




#51
2,6-Dinitrotoluene
Concen: 40.270 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

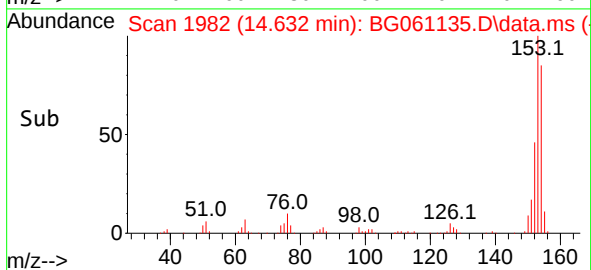
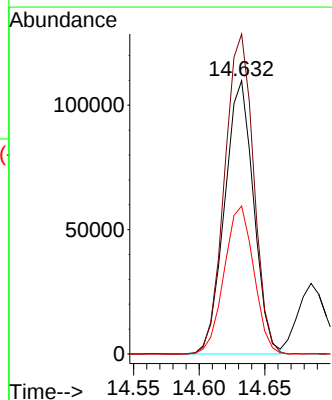
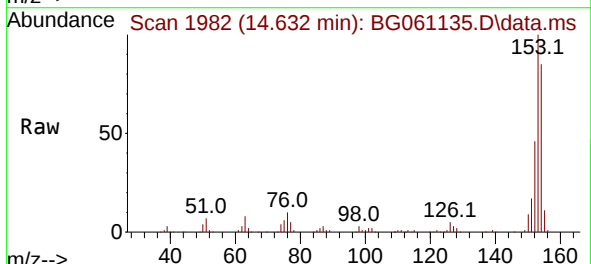
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

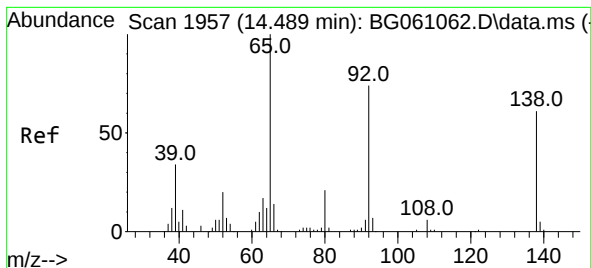
Tgt Ion:165	Resp:	53894
Ion	Ratio	Lower Upper
165	100	
63	79.6	60.0 90.0
89	60.6	50.9 76.3



#52
Acenaphthene
Concen: 42.333 ng
RT: 14.632 min Scan# 1982
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:154	Resp:	168694
Ion	Ratio	Lower Upper
154	100	
153	117.1	91.0 136.4
152	54.2	43.1 64.7

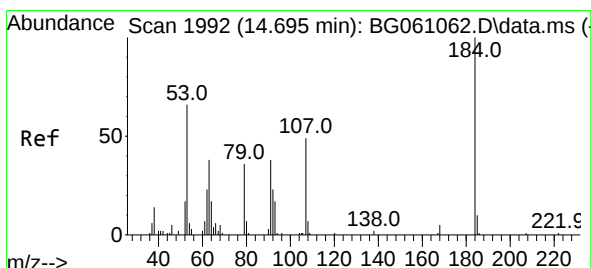
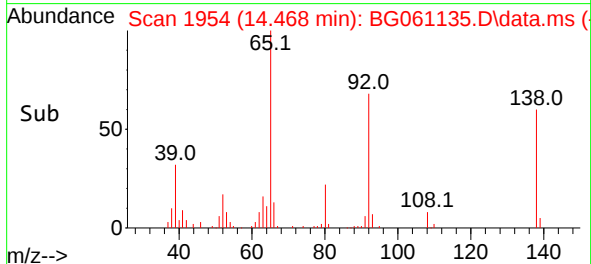
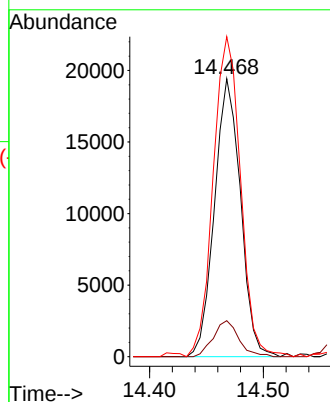
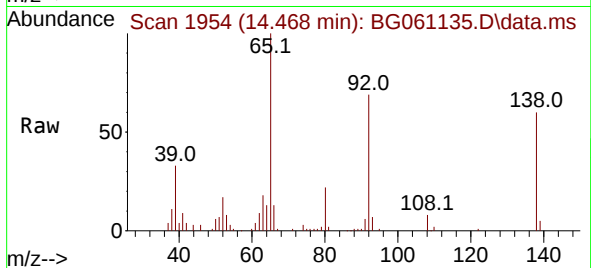




#53
3-Nitroaniline
Concen: 25.213 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

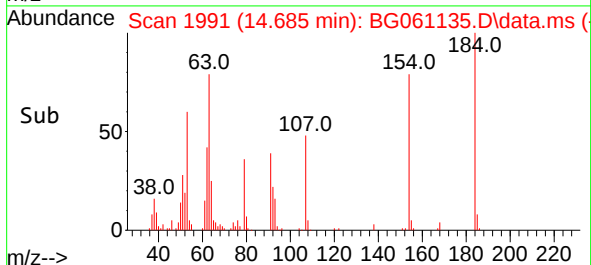
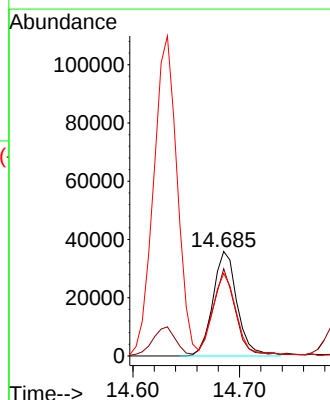
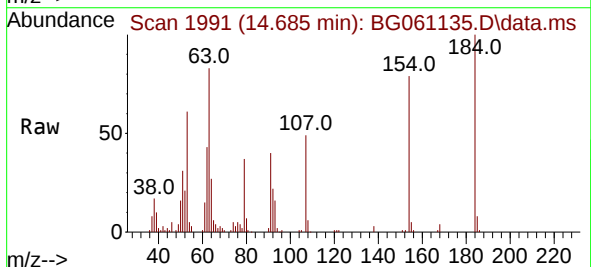
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

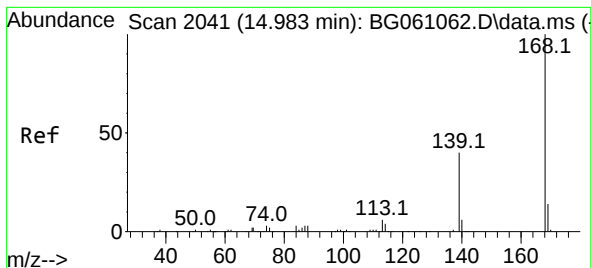
Tgt Ion:138 Resp: 30874
Ion Ratio Lower Upper
138 100
108 13.0 8.2 12.2#
92 115.2 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 60.285 ng
RT: 14.685 min Scan# 1991
Delta R.T. -0.009 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:184 Resp: 56660
Ion Ratio Lower Upper
184 100
63 83.5 62.6 93.8
154 79.0 61.4 92.0





#55

Dibenzofuran

Concen: 43.841 ng

RT: 14.967 min Scan# 2041

Delta R.T. -0.015 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

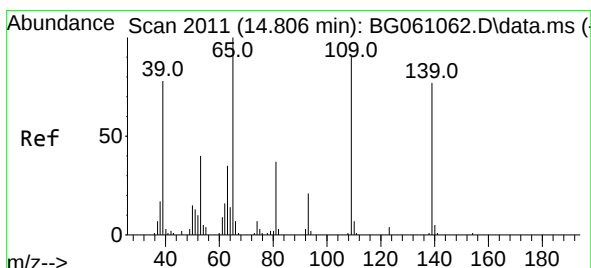
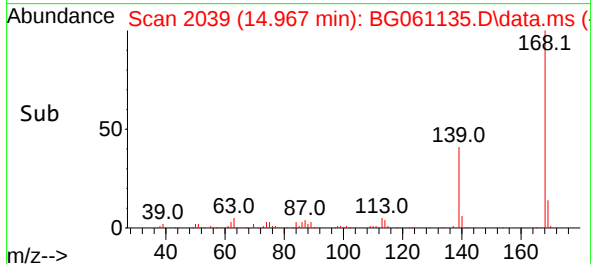
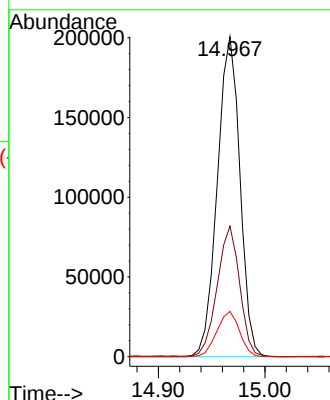
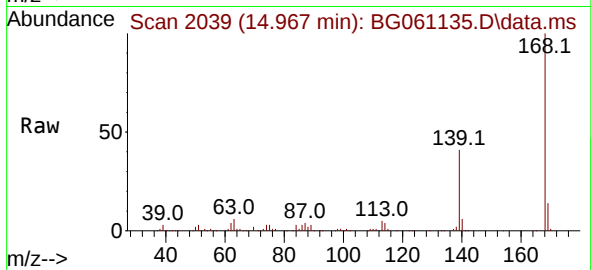
Tgt Ion:168 Resp: 295083

Ion Ratio Lower Upper

168 100

139 40.8 32.2 48.4

169 14.1 11.4 17.2



#56

4-Nitrophenol

Concen: 73.173 ng

RT: 14.797 min Scan# 2010

Delta R.T. -0.009 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

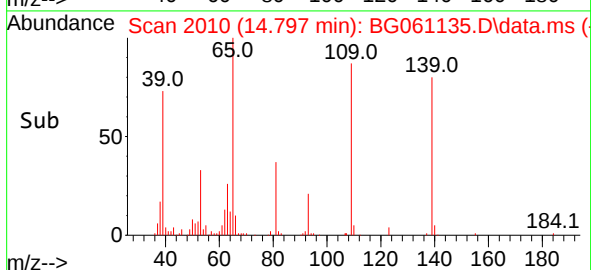
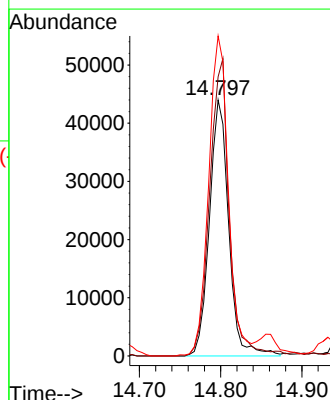
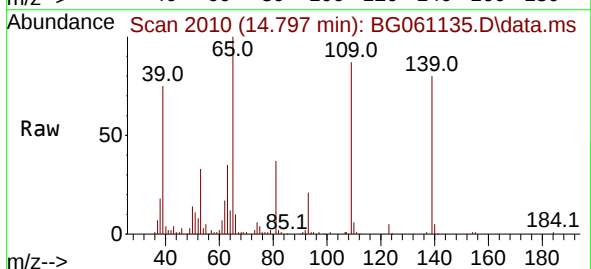
Tgt Ion:139 Resp: 72413

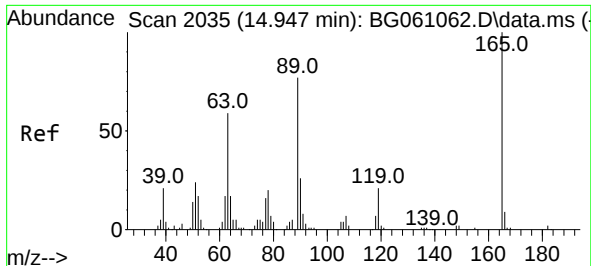
Ion Ratio Lower Upper

139 100

109 109.1 97.7 137.7

65 125.0 110.7 150.7





#57

2,4-Dinitrotoluene

Concen: 39.205 ng

RT: 14.932 min Scan# 2035

Delta R.T. -0.015 min

Lab File: BG061135.D

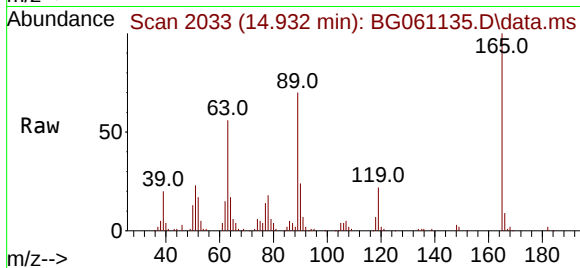
Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD



Tgt Ion:165 Resp: 77625

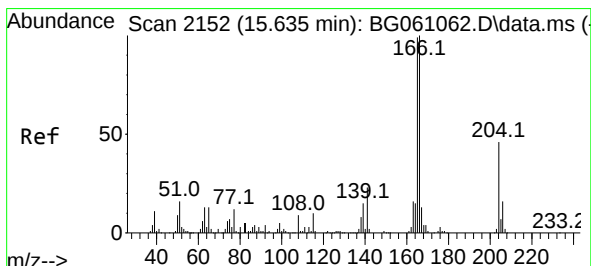
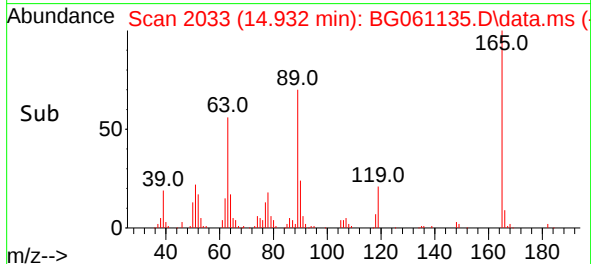
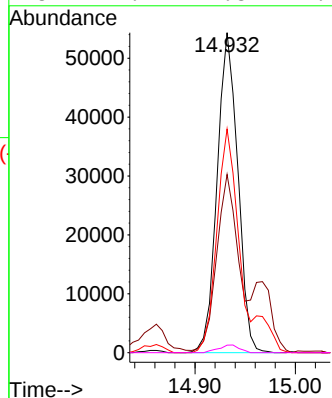
Ion Ratio Lower Upper

165 100

63 55.7 47.3 70.9

89 69.9 61.8 92.8

182 2.4 1.8 2.6



#58

Fluorene

Concen: 41.383 ng

RT: 15.614 min Scan# 2149

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

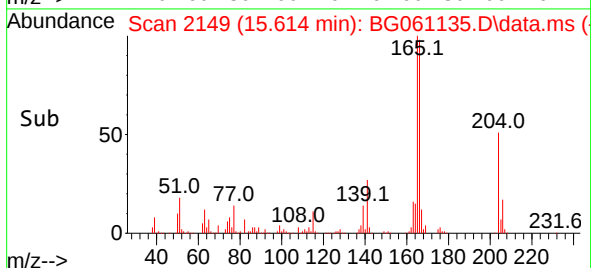
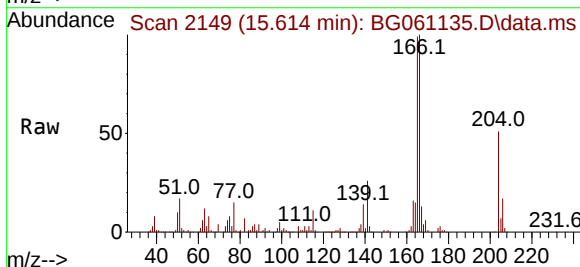
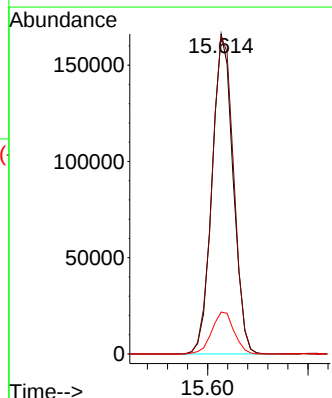
Tgt Ion:166 Resp: 241029

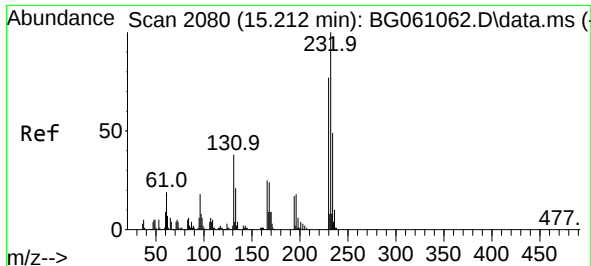
Ion Ratio Lower Upper

166 100

165 99.4 78.9 118.3

167 13.1 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.672 ng

RT: 15.114 min Scan# 2080

Delta R.T. -0.098 min

Lab File: BG061135.D

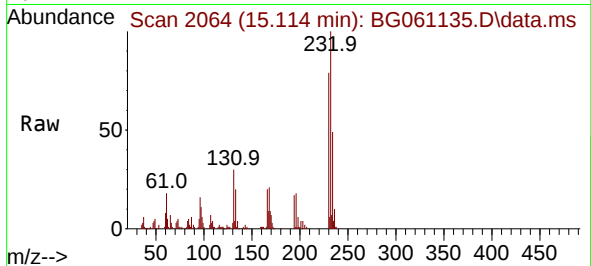
Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD



Tgt Ion:232 Resp: 82240

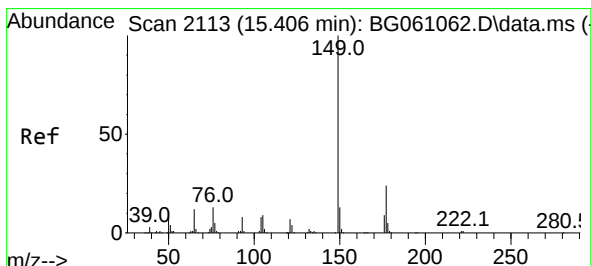
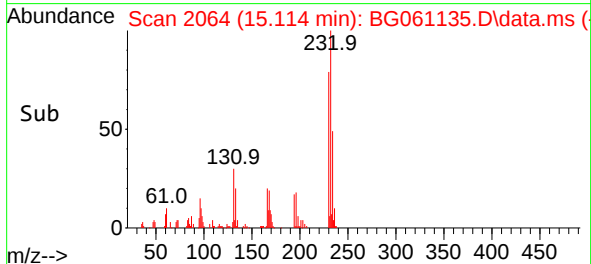
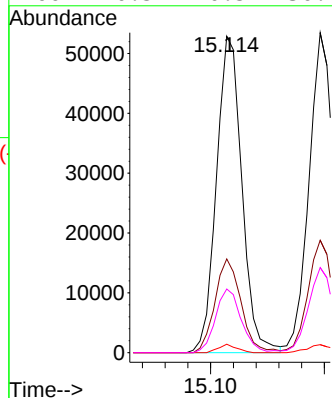
Ion Ratio Lower Upper

232 100

131 30.3 27.0 40.4

130 1.9 1.7 2.5

166 20.5 20.5 30.7



#60

Diethylphthalate

Concen: 38.953 ng

RT: 15.390 min Scan# 2111

Delta R.T. -0.015 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

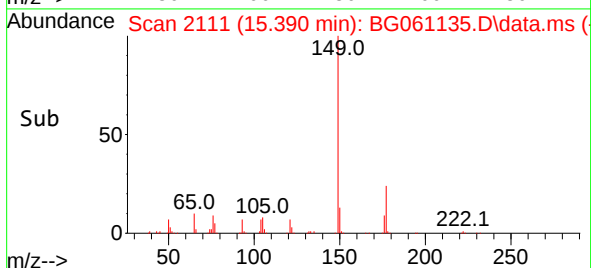
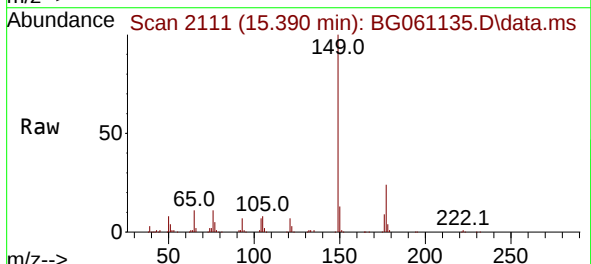
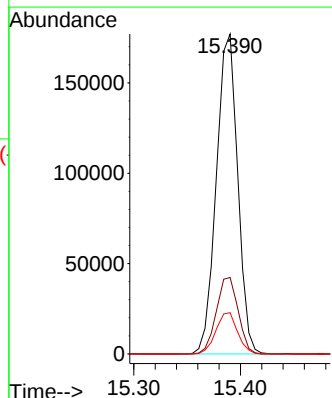
Tgt Ion:149 Resp: 245773

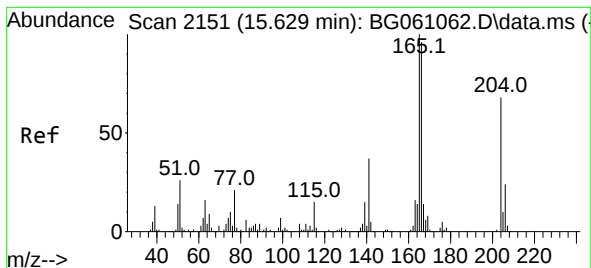
Ion Ratio Lower Upper

149 100

177 23.9 19.1 28.7

150 12.9 10.6 16.0

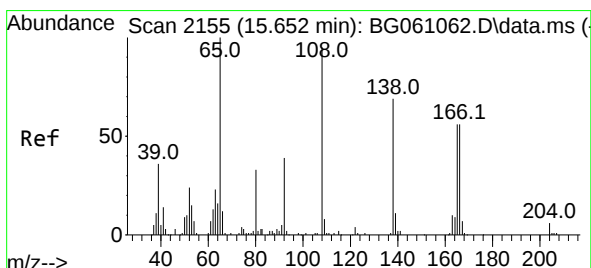
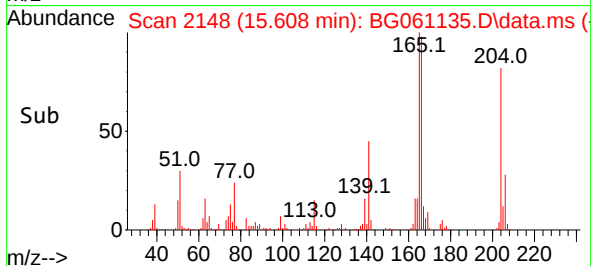
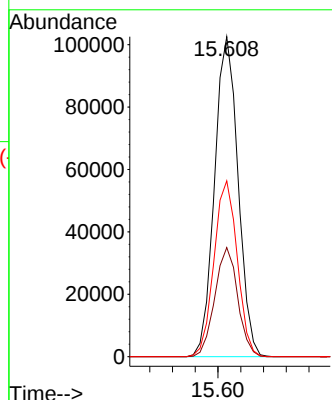
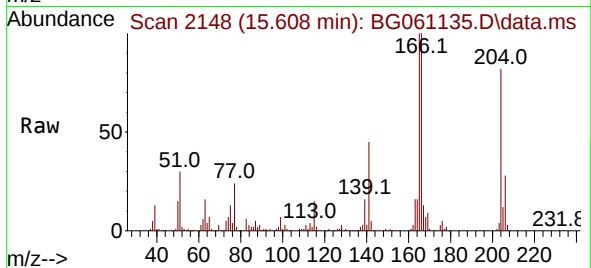




#61
4-Chlorophenyl-phenylether
Concen: 42.008 ng
RT: 15.608 min Scan# 2148
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

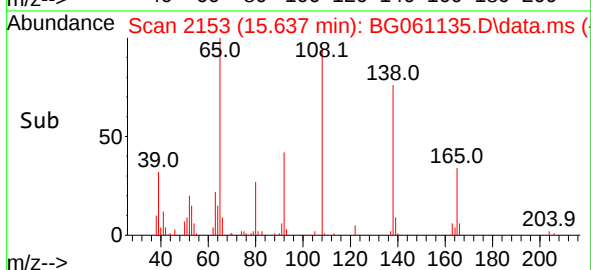
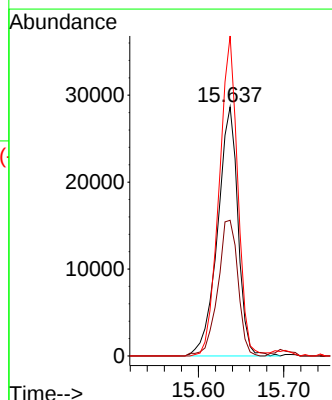
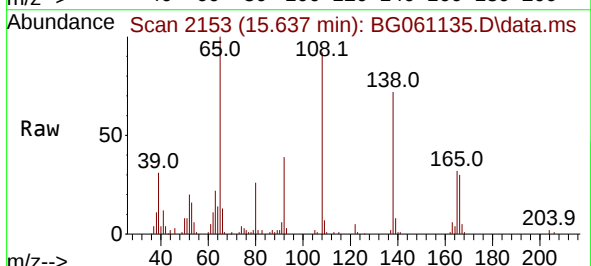
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

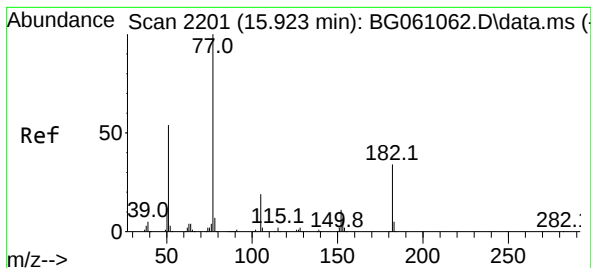
Tgt Ion:204 Resp: 146911
Ion Ratio Lower Upper
204 100
206 34.1 27.8 41.6
141 55.0 42.9 64.3



#62
4-Nitroaniline
Concen: 35.774 ng
RT: 15.637 min Scan# 2153
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:138 Resp: 47512
Ion Ratio Lower Upper
138 100
92 54.4 35.5 75.5
108 128.4 116.2 156.2





#63

Azobenzene

Concen: 42.641 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG061135.D

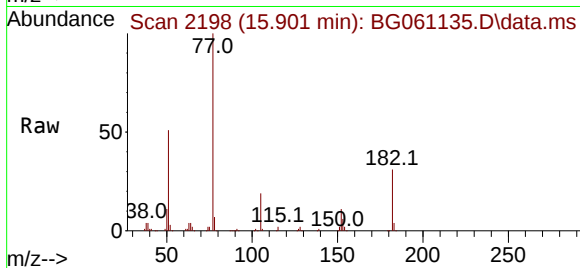
Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD



Tgt Ion: 77 Resp: 209435

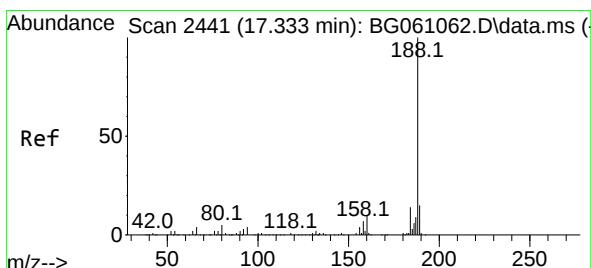
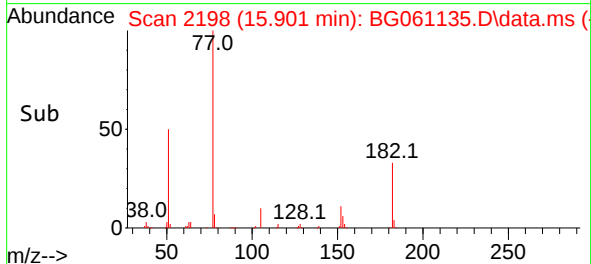
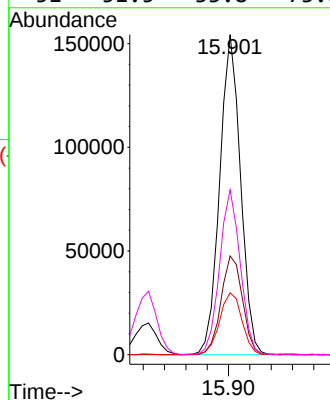
Ion Ratio Lower Upper

77 100

182 30.8 13.5 53.5

105 19.4 0.0 39.3

51 51.5 33.8 73.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2438

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

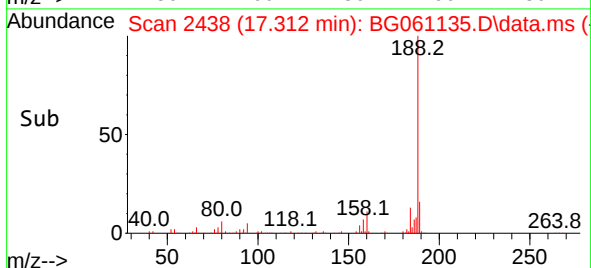
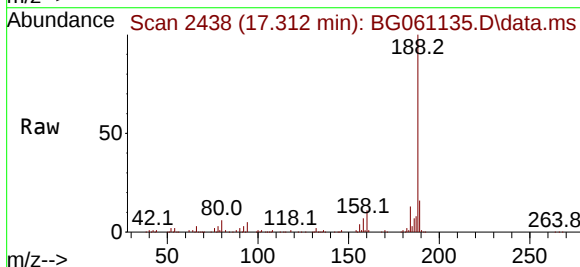
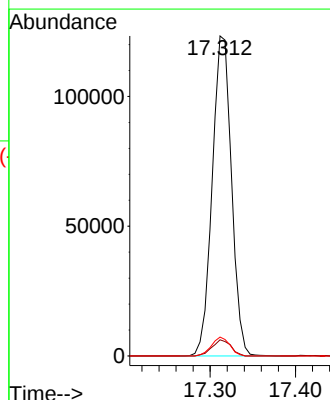
Tgt Ion:188 Resp: 193429

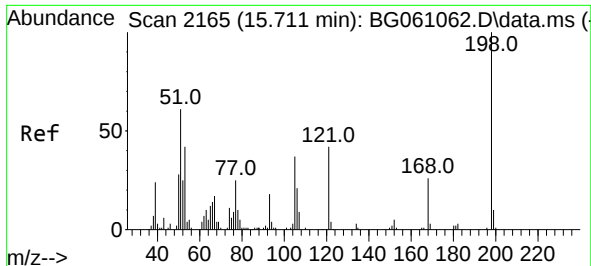
Ion Ratio Lower Upper

188 100

94 5.1 3.6 5.4

80 5.9 4.2 6.2

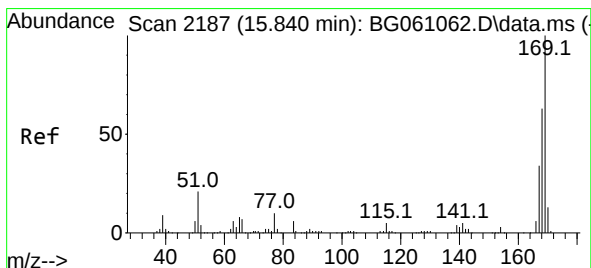
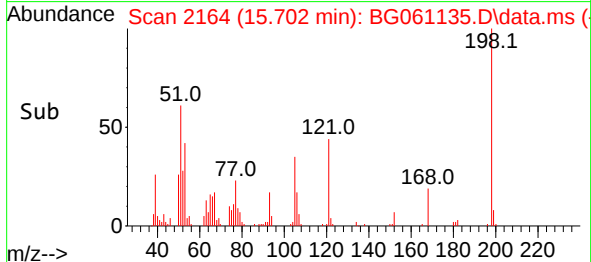
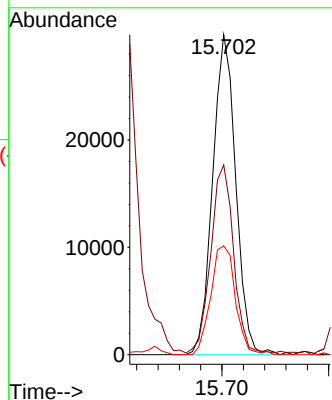
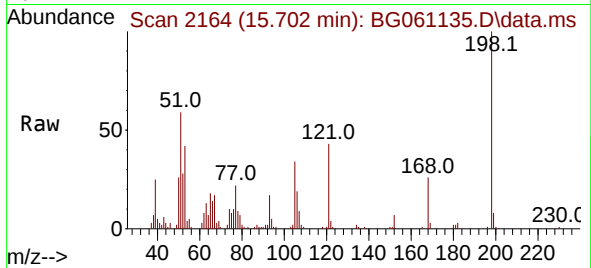




#65
4,6-Dinitro-2-methylphenol
Concen: 37.229 ng
RT: 15.702 min Scan# 2164
Delta R.T. -0.009 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

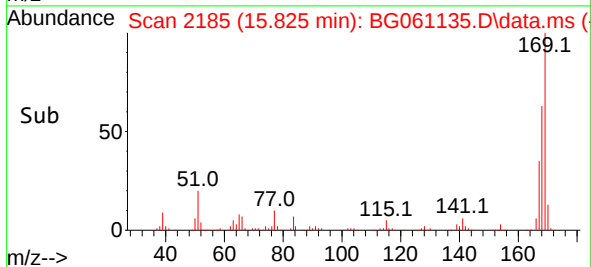
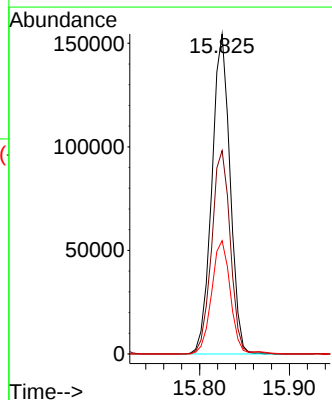
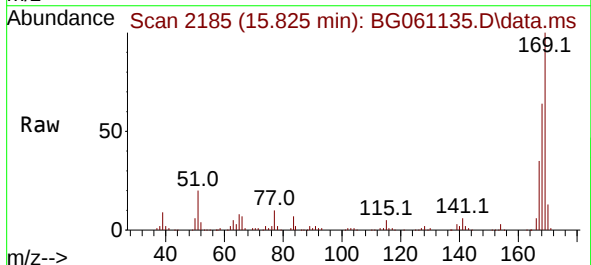
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

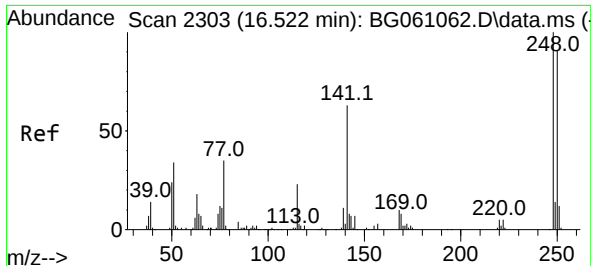
Tgt Ion:198 Resp: 44680
Ion Ratio Lower Upper
198 100
51 59.3 41.2 81.2
105 34.0 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 45.251 ng
RT: 15.825 min Scan# 2185
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:169 Resp: 217054
Ion Ratio Lower Upper
169 100
168 63.6 50.6 75.8
167 35.4 27.4 41.2

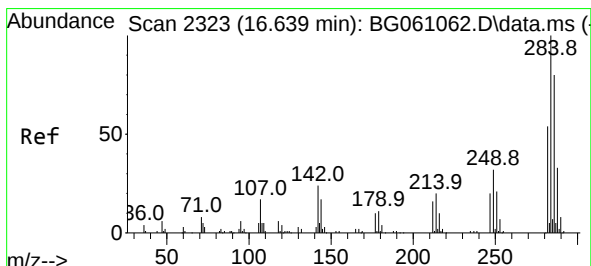
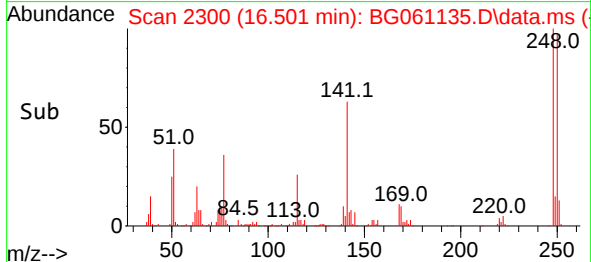
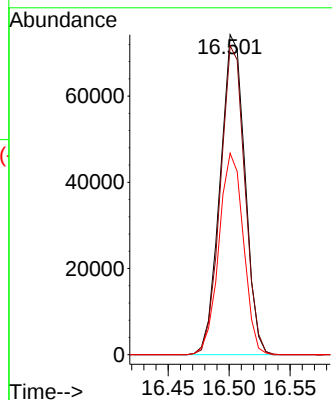
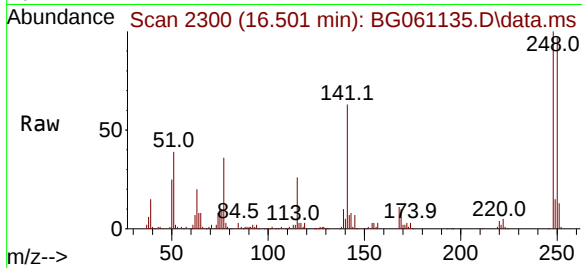




#67
4-Bromophenyl-phenylether
Concen: 46.095 ng
RT: 16.501 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

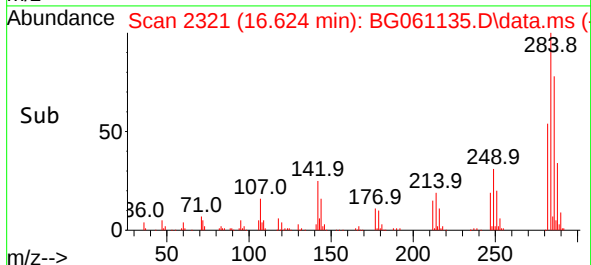
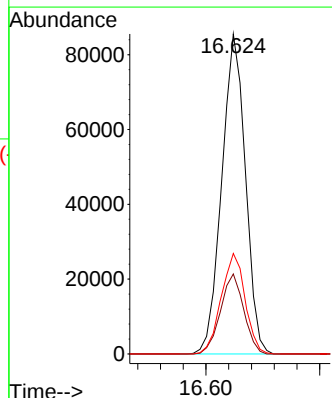
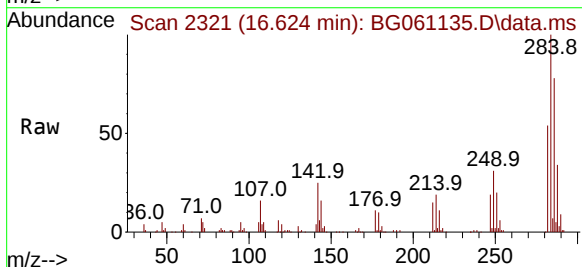
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

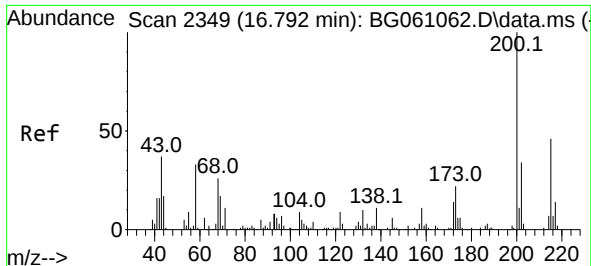
Tgt Ion:248 Resp: 105033
Ion Ratio Lower Upper
248 100
250 96.6 73.0 109.4
141 63.0 50.8 76.2



#68
Hexachlorobenzene
Concen: 43.530 ng
RT: 16.624 min Scan# 2321
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:284 Resp: 123455
Ion Ratio Lower Upper
284 100
142 25.0 19.2 28.8
249 31.4 25.4 38.2

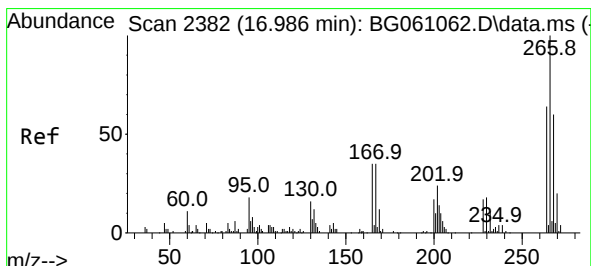
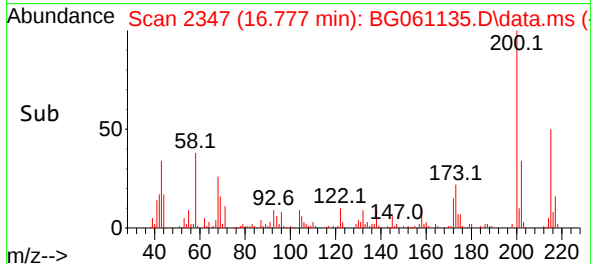
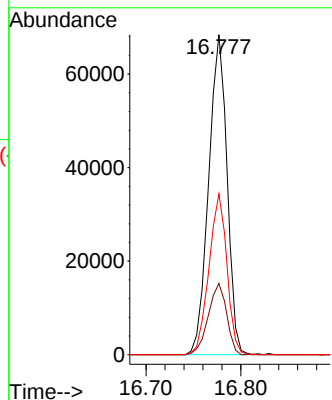
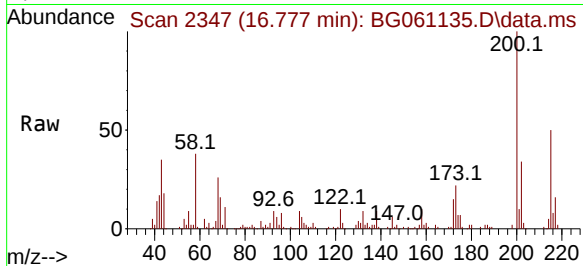




#69
Atrazine
Concen: 46.460 ng
RT: 16.777 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

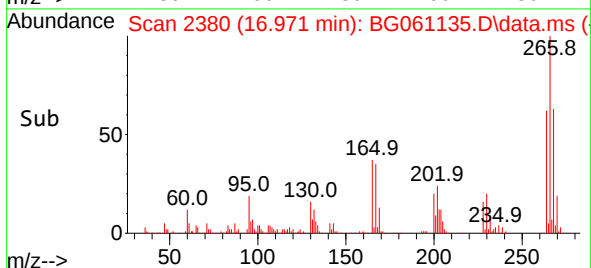
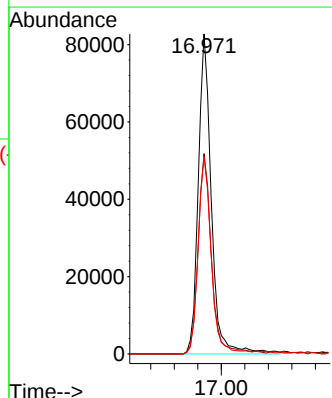
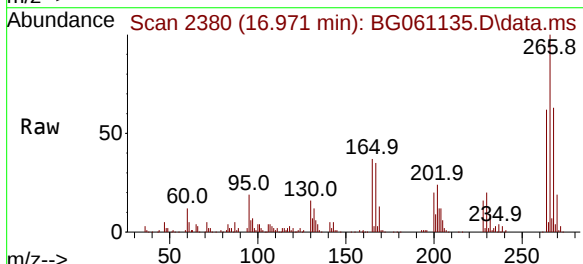
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

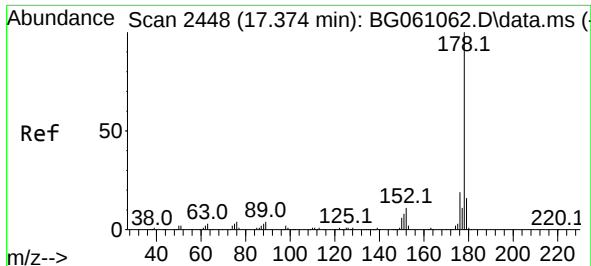
Tgt Ion:200 Resp: 91906
Ion Ratio Lower Upper
200 100
173 22.3 2.0 42.0
215 50.3 26.2 66.2



#70
Pentachlorophenol
Concen: 73.172 ng
RT: 16.971 min Scan# 2380
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:266 Resp: 127491
Ion Ratio Lower Upper
266 100
268 62.6 47.8 71.8
264 61.5 51.5 77.3

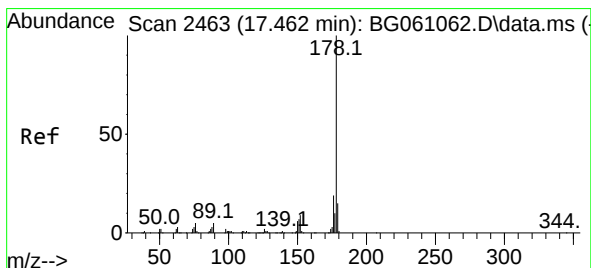
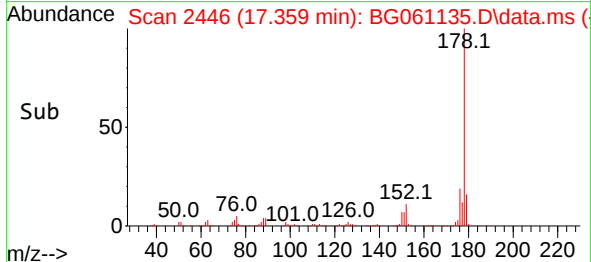
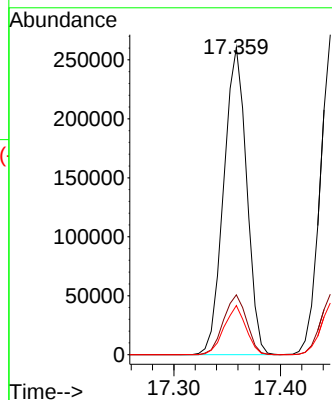
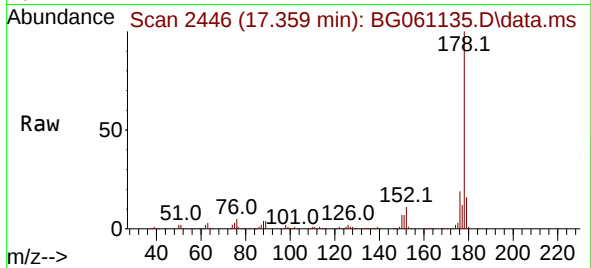




#71
Phenanthrene
Concen: 43.899 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

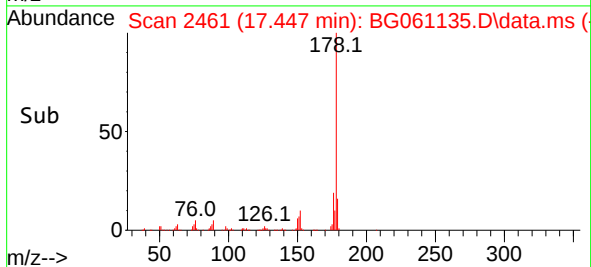
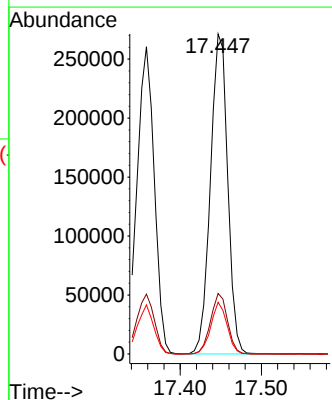
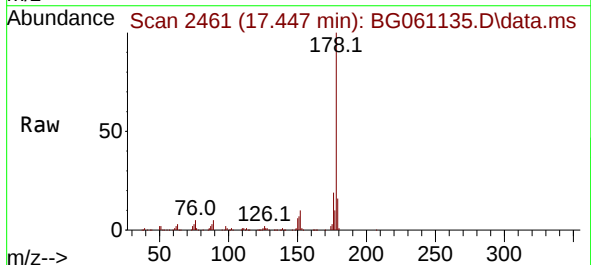
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

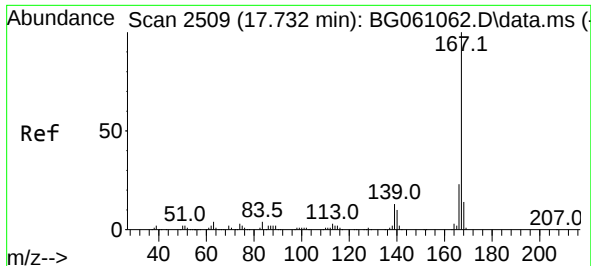
Tgt Ion:178 Resp: 388261
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.0 12.6 19.0



#72
Anthracene
Concen: 45.288 ng
RT: 17.447 min Scan# 2461
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:178 Resp: 399676
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 16.1 12.0 18.0

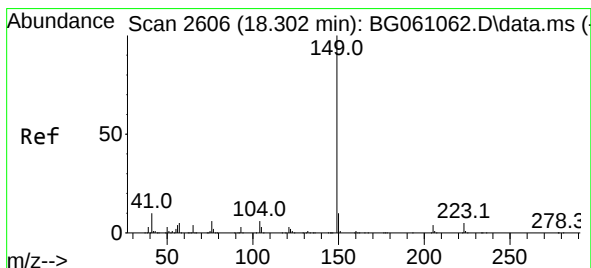
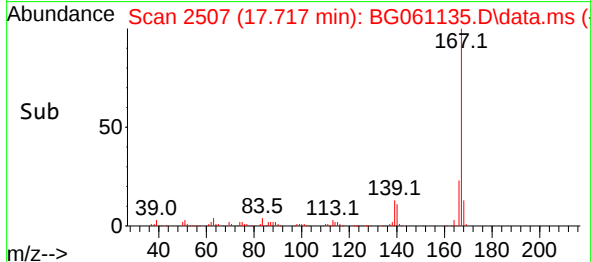
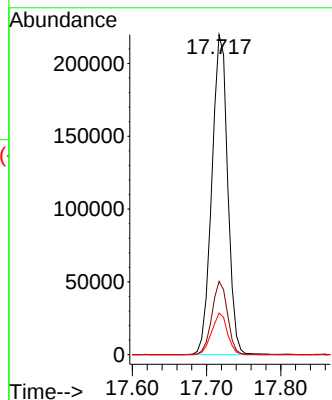
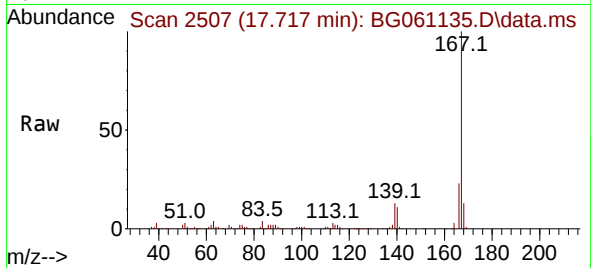




#73
Carbazole
Concen: 42.007 ng
RT: 17.717 min Scan# 2507
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

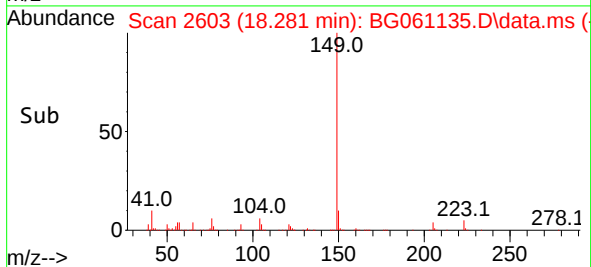
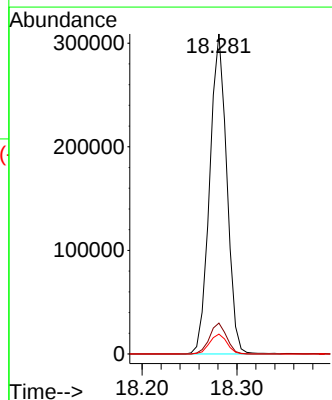
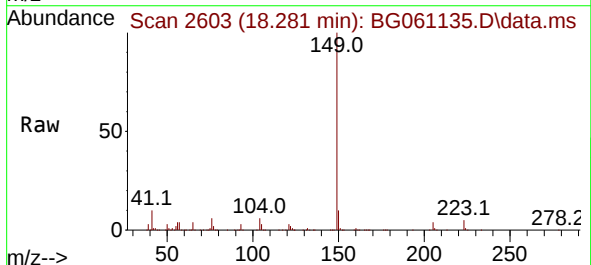
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

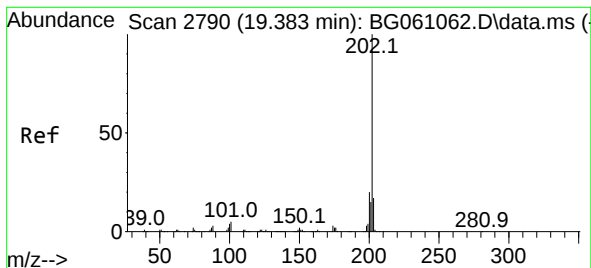
Tgt Ion:167 Resp: 325956
Ion Ratio Lower Upper
167 100
166 22.9 18.7 28.1
139 13.0 10.6 15.8



#74
Di-n-butylphthalate
Concen: 41.829 ng
RT: 18.281 min Scan# 2603
Delta R.T. -0.021 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:149 Resp: 385946
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 6.2 5.0 7.6





#75

Fluoranthene

Concen: 40.507 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

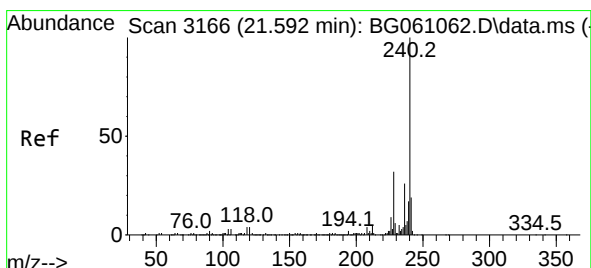
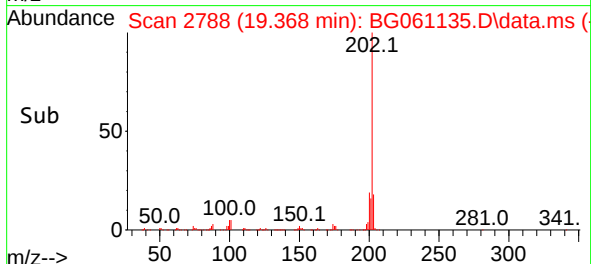
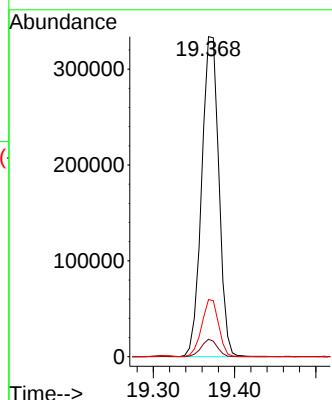
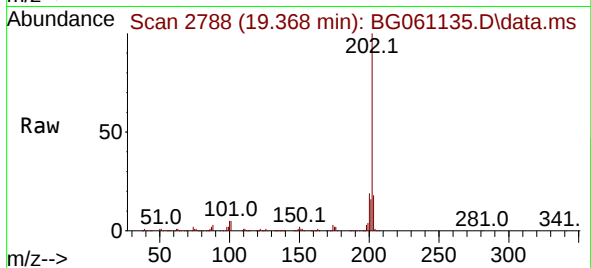
Tgt Ion:202 Resp: 490808

Ion Ratio Lower Upper

202 100

101 5.5 0.0 24.7

203 17.9 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3164

Delta R.T. -0.015 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

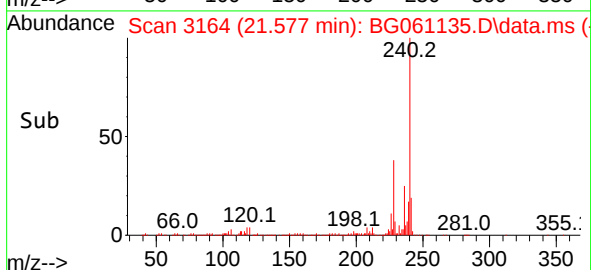
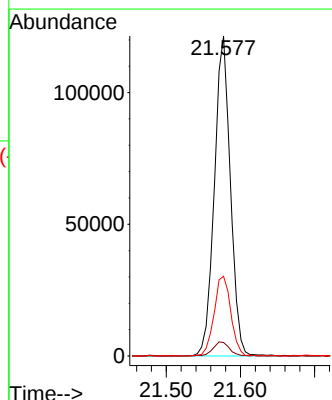
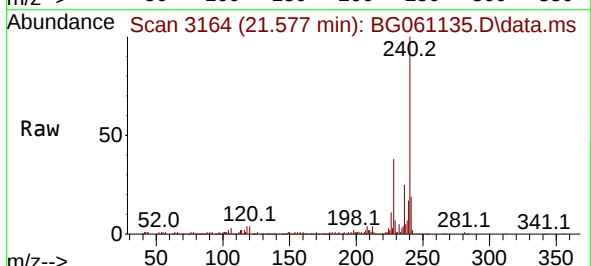
Tgt Ion:240 Resp: 181963

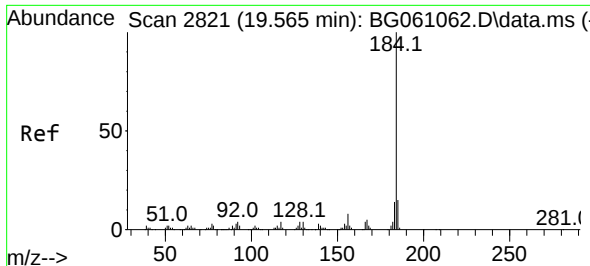
Ion Ratio Lower Upper

240 100

120 4.2 3.2 4.8

236 24.9 21.0 31.6

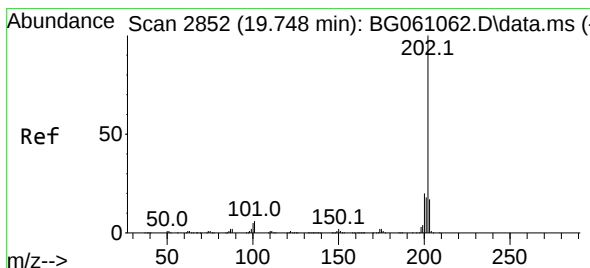
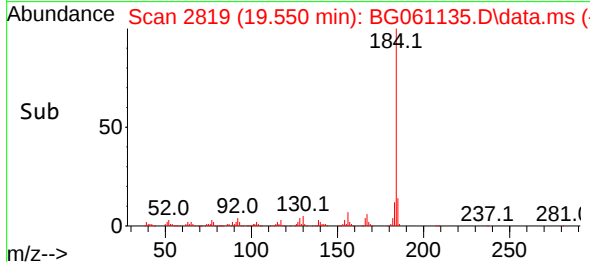
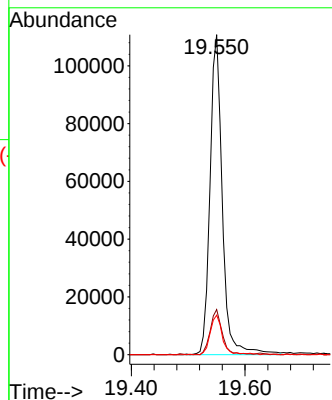
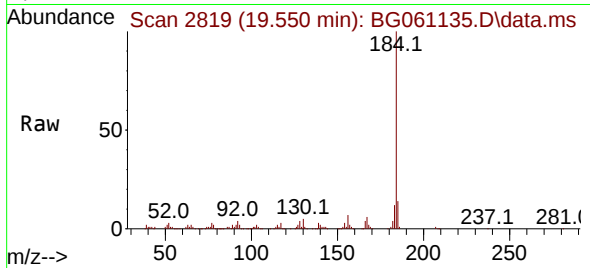




#77
Benzidine
Concen: 47.864 ng
RT: 19.550 min Scan# 2819
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

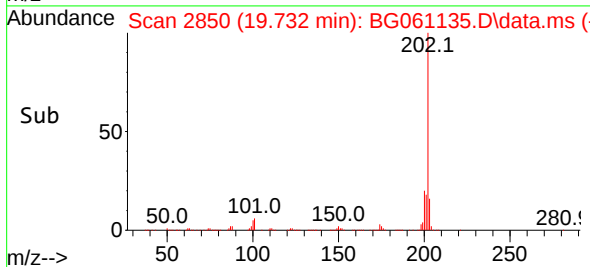
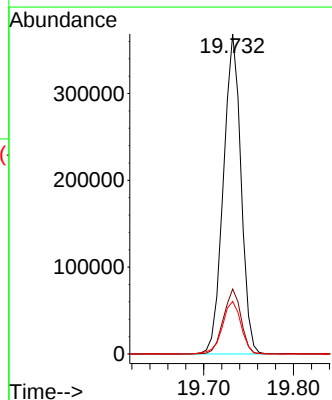
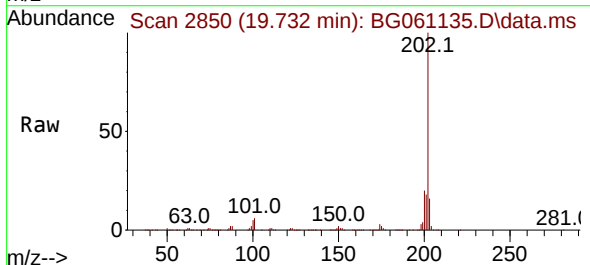
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

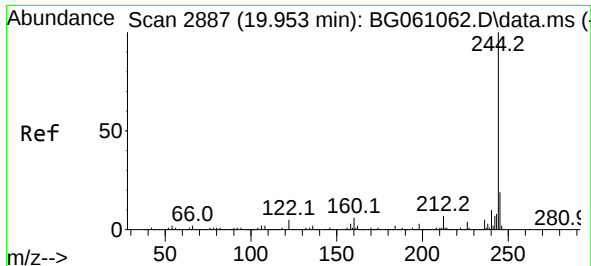
Tgt Ion:184 Resp: 165705
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 12.4 10.9 16.3



#78
Pyrene
Concen: 43.315 ng
RT: 19.732 min Scan# 2850
Delta R.T. -0.015 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:202 Resp: 501093
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 16.4 13.3 19.9

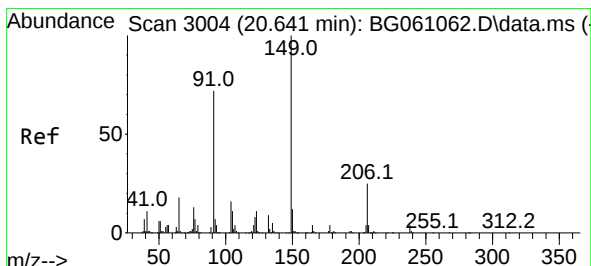
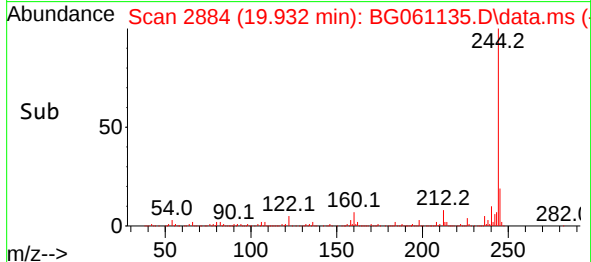
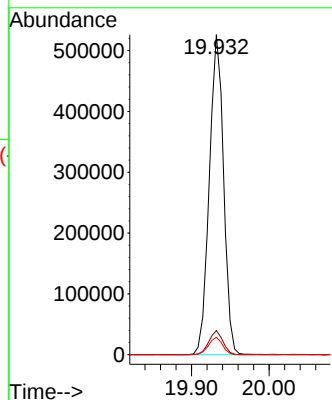
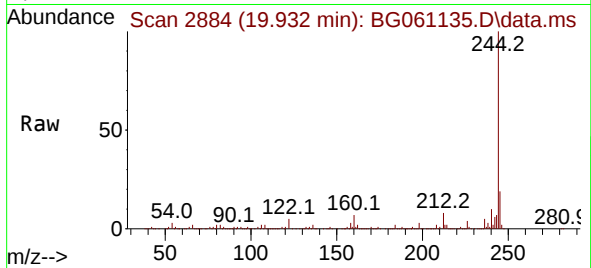




#79
 Terphenyl-d14
 Concen: 61.399 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG061135.D
 Acq: 7 May 2024 17:12

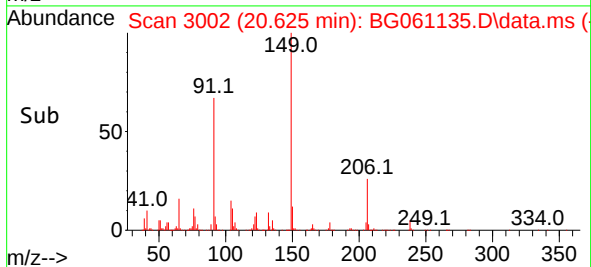
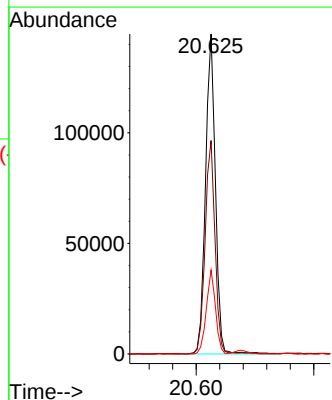
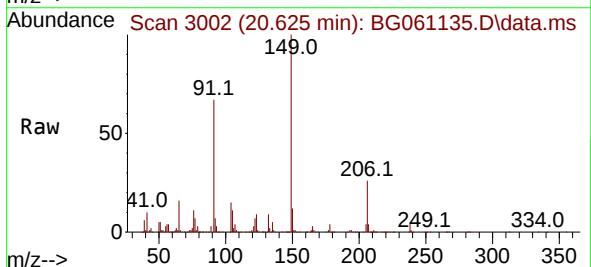
Instrument :
 BNA_G
 ClientSampleId :
 SP-INSIDE-GATEMSD

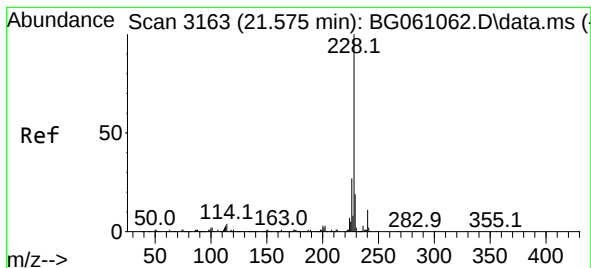
Tgt Ion:244 Resp: 671758
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.4 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 46.255 ng
 RT: 20.625 min Scan# 3002
 Delta R.T. -0.015 min
 Lab File: BG061135.D
 Acq: 7 May 2024 17:12

Tgt Ion:149 Resp: 169383
 Ion Ratio Lower Upper
 149 100
 91 66.7 57.4 86.2
 206 26.2 19.8 29.6





#81

Benzo(a)anthracene

Concen: 44.026 ng

RT: 21.559 min Scan# 3161

Delta R.T. -0.015 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

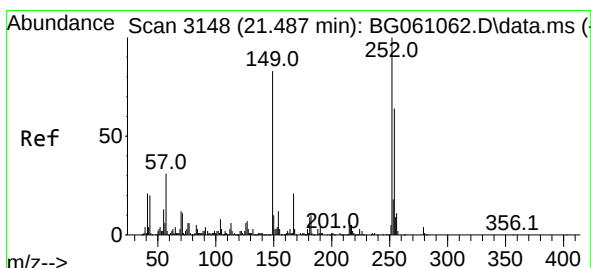
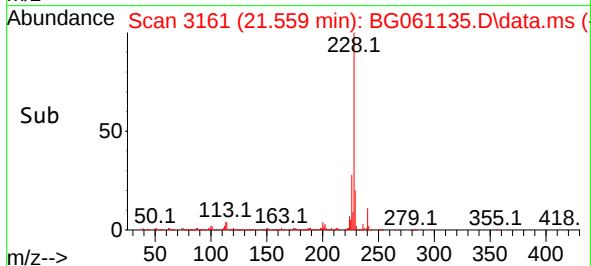
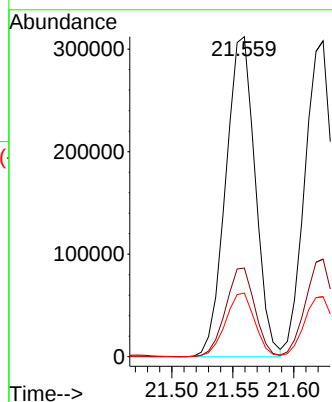
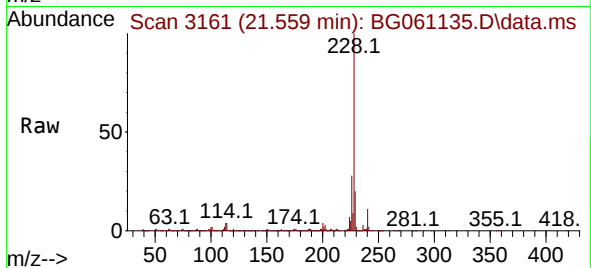
Tgt Ion:228 Resp: 524230

Ion Ratio Lower Upper

228 100

226 27.7 21.6 32.4

229 19.9 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 27.319 ng

RT: 21.471 min Scan# 3146

Delta R.T. -0.015 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

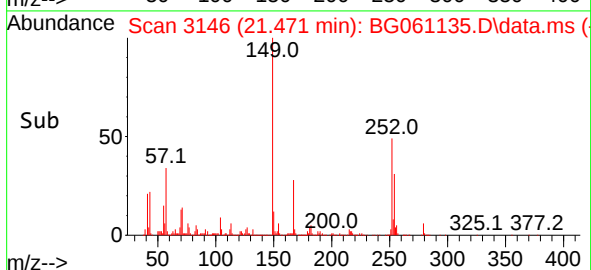
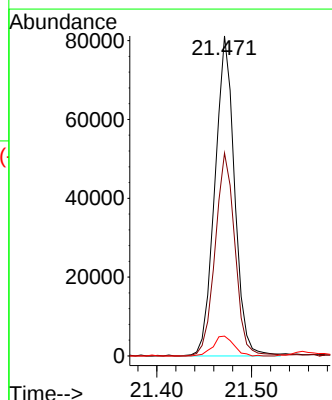
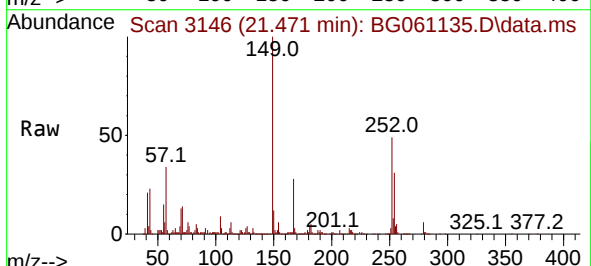
Tgt Ion:252 Resp: 117064

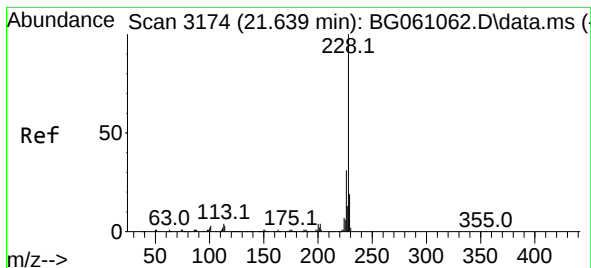
Ion Ratio Lower Upper

252 100

254 63.4 51.3 76.9

126 6.2 5.2 7.8





#83

Chrysene

Concen: 44.146 ng

RT: 21.624 min Scan# 3172

Delta R.T. -0.015 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

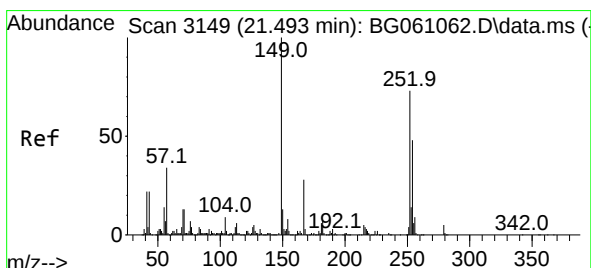
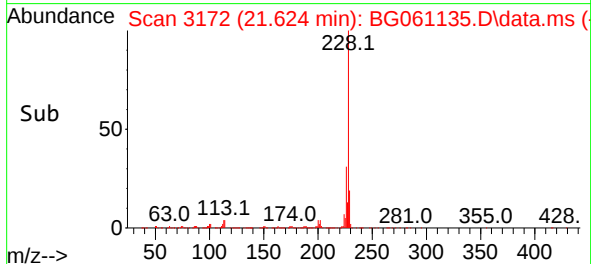
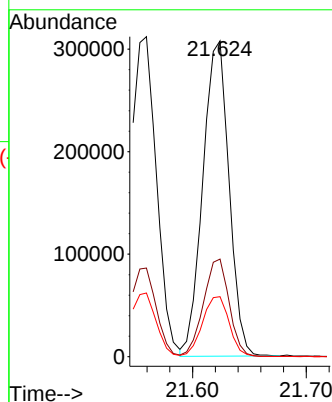
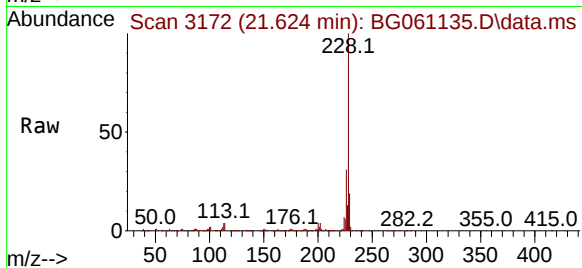
Tgt Ion:228 Resp: 492486

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 19.0 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.360 ng

RT: 21.471 min Scan# 3146

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

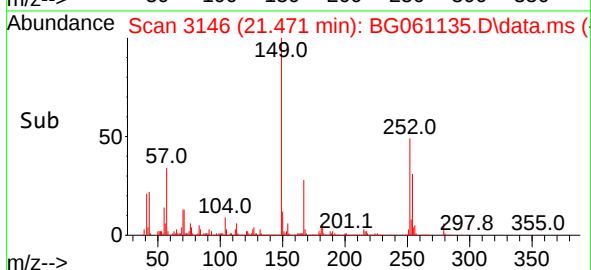
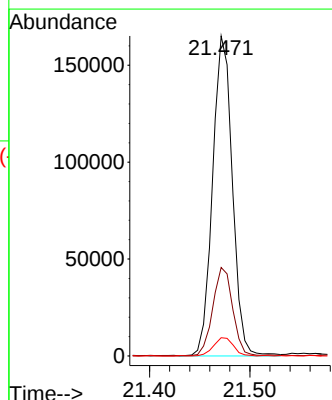
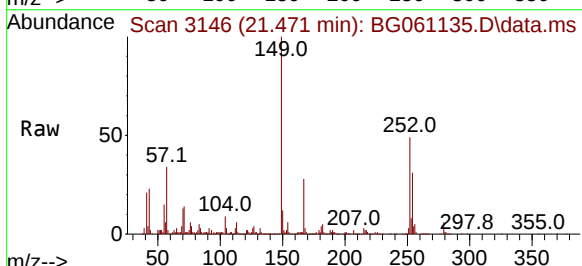
Tgt Ion:149 Resp: 226469

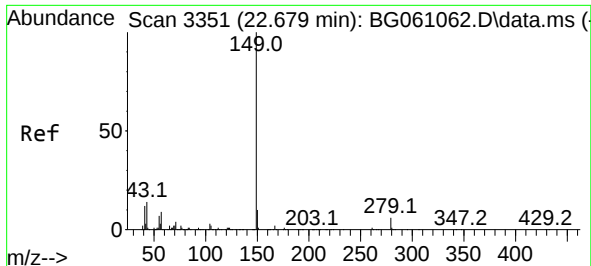
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 5.7 4.1 6.1

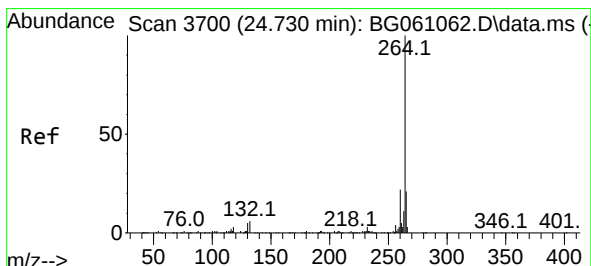
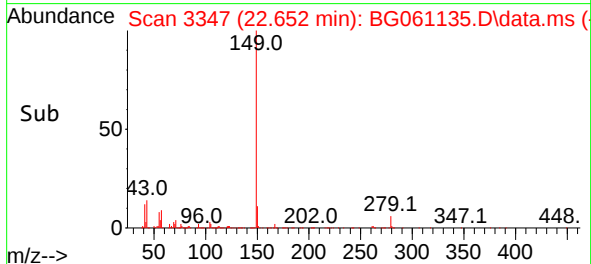
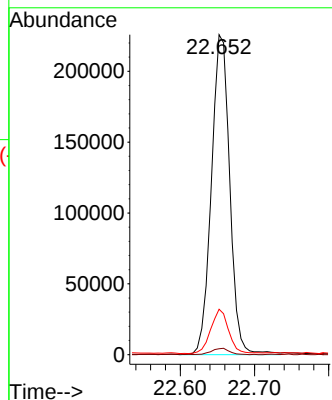
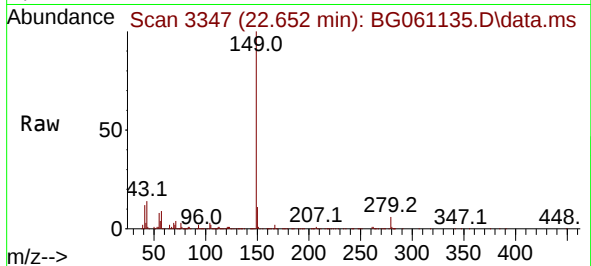




#85
Di-n-octyl phthalate
Concen: 46.103 ng
RT: 22.652 min Scan# 31
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

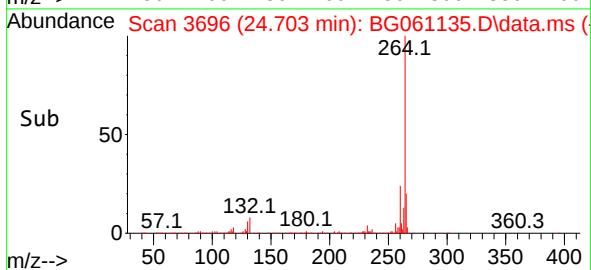
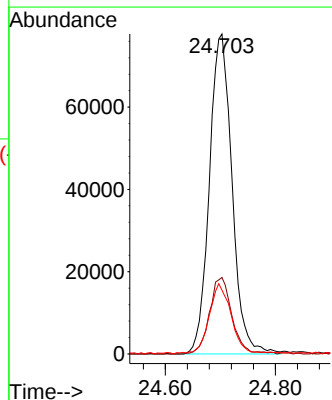
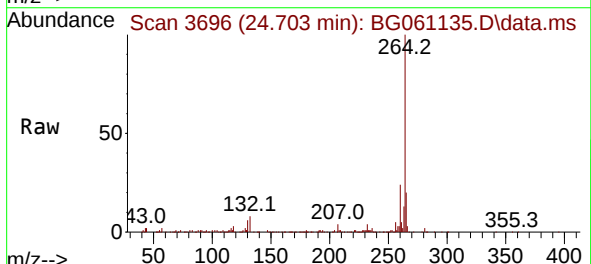
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

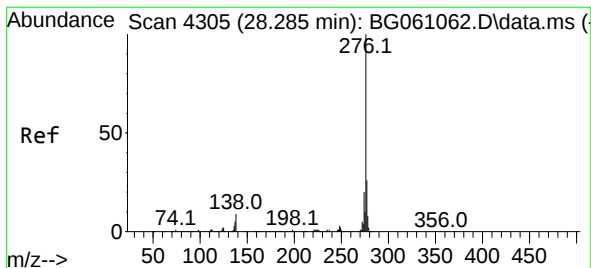
Tgt Ion:149 Resp: 388949
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 13.4 10.6 15.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.703 min Scan# 3696
Delta R.T. -0.027 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:264 Resp: 222385
Ion Ratio Lower Upper
264 100
260 23.9 17.7 26.5
265 19.9 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.728 ng

RT: 28.258 min Scan# 41

Delta R.T. -0.027 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

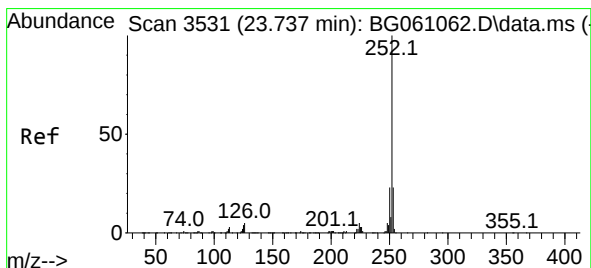
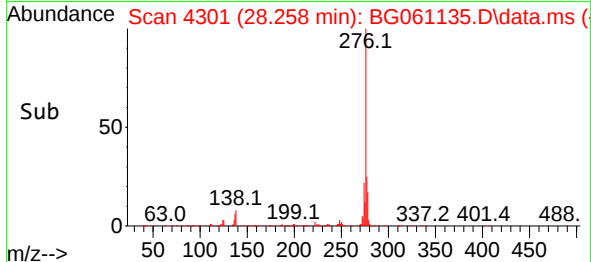
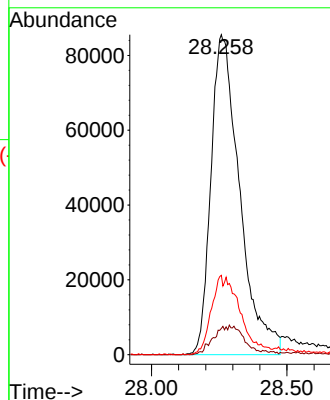
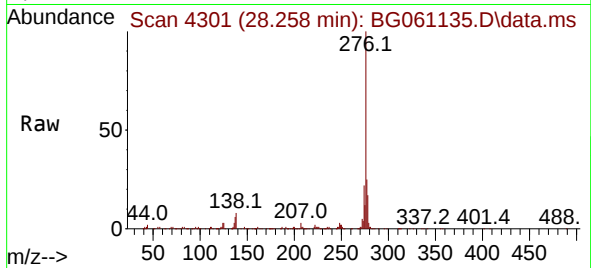
Tgt Ion:276 Resp: 629722

Ion Ratio Lower Upper

276 100

138 3.8 5.1 7.7#

277 10.2 20.6 30.8#



#88

Benzo(b)fluoranthene

Concen: 41.716 ng

RT: 23.716 min Scan# 3528

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

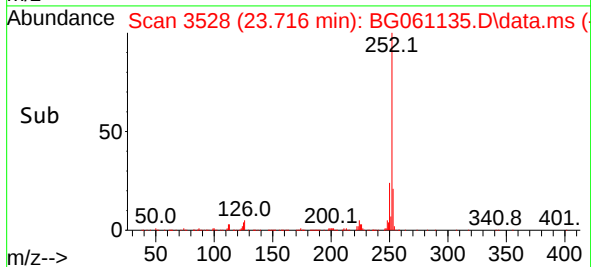
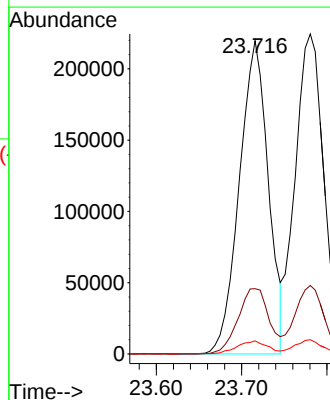
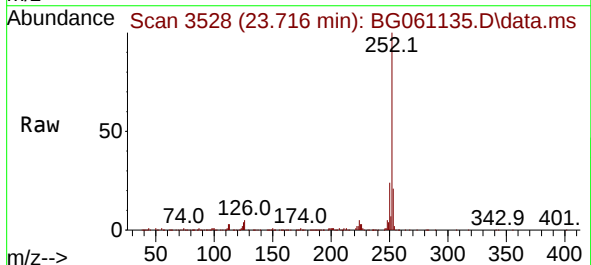
Tgt Ion:252 Resp: 518400

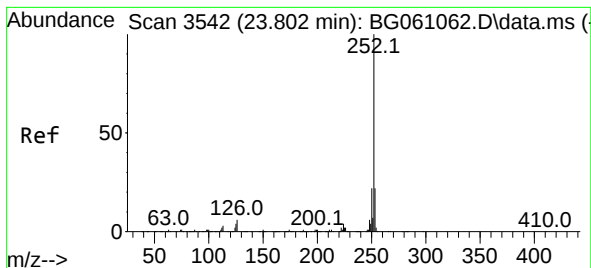
Ion Ratio Lower Upper

252 100

253 20.8 18.2 27.2

125 4.2 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 43.968 ng

RT: 23.780 min Scan# 3

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

Instrument :

BNA_G

ClientSampleId :

SP-INSIDE-GATEMSD

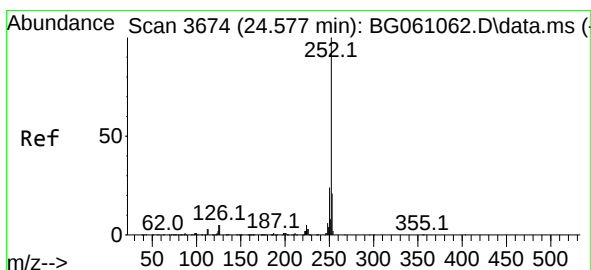
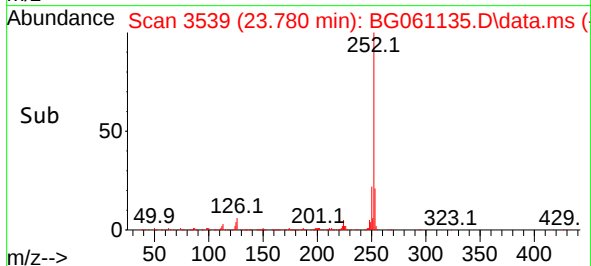
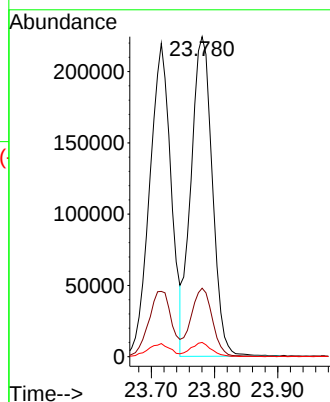
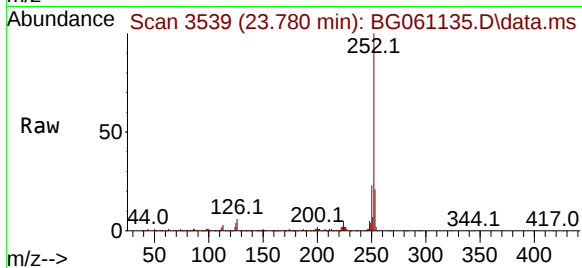
Tgt Ion:252 Resp: 525646

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 4.5 3.2 4.8



#90

Benzo(a)pyrene

Concen: 45.306 ng

RT: 24.556 min Scan# 3671

Delta R.T. -0.021 min

Lab File: BG061135.D

Acq: 7 May 2024 17:12

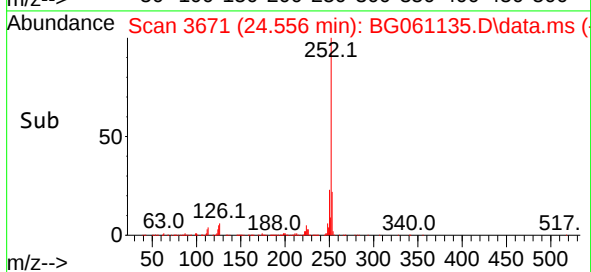
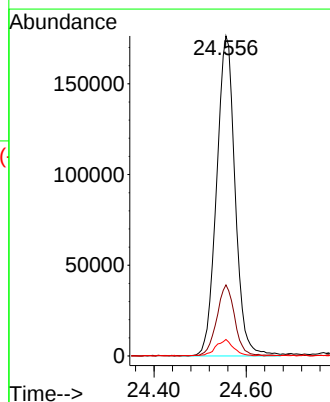
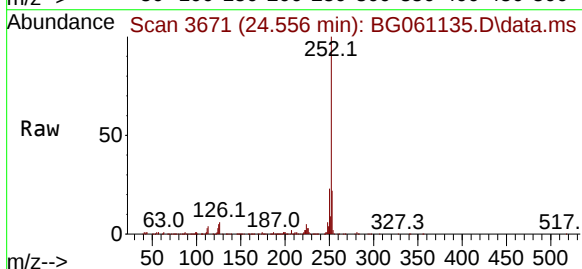
Tgt Ion:252 Resp: 490503

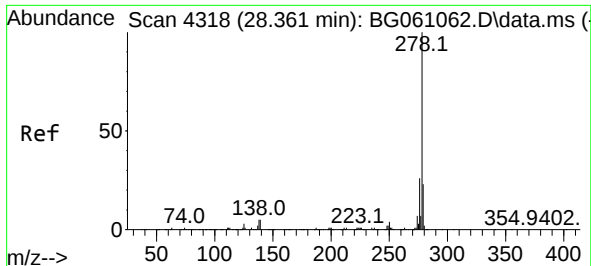
Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

125 5.1 3.8 5.8

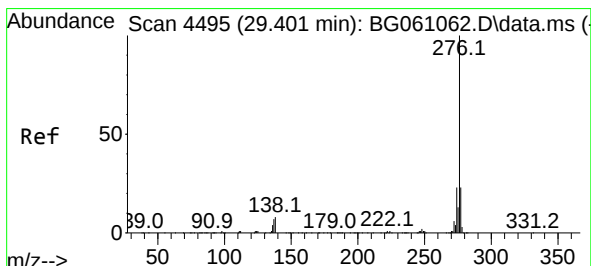
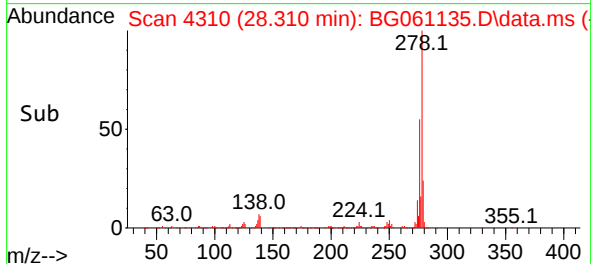
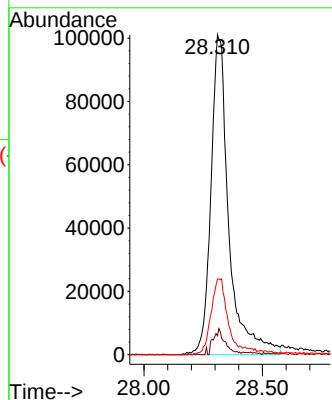
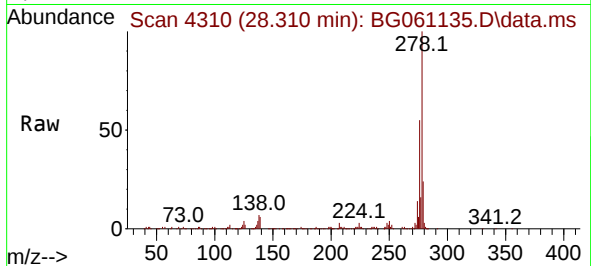




#91
Dibenzo(a,h)anthracene
Concen: 43.432 ng
RT: 28.310 min Scan# 41
Delta R.T. -0.051 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATEMSD

Tgt Ion:278 Resp: 530084
Ion Ratio Lower Upper
278 100
139 5.9 4.2 6.2
279 23.6 18.0 27.0



#92
Benzo(g,h,i)perylene
Concen: 36.647 ng
RT: 29.362 min Scan# 4489
Delta R.T. -0.039 min
Lab File: BG061135.D
Acq: 7 May 2024 17:12

Tgt Ion:276 Resp: 444486
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.4
138 9.5 6.2 9.2#

