

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061563.D
 Acq On : 8 Jun 2024 13:27
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020525

Quant Time: Jun 09 23:00:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	31550	20.000	ng/ul	0.00
20) Naphthalene-d8	10.662	136	127971	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	97683	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	232261	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	255134	20.000	ng/ul	0.00
88) Perylene-d12	24.616	264	290972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	4478	7.943	ng/uL	-0.03
4) Pyridine-d5	3.735	84	33224	16.565	ng/ul	-0.03
7) Phenol-d5	7.060	99	44593	17.211	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	26604	16.337	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.413	132	36715	19.148	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	38883	17.600	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	19509	19.800	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.751	143	23301	20.207	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	47037	20.924	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	52278	17.775	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	138313	18.257	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	154651	19.635	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	13678	14.603	ng/ul	0.00
60) Fluorene-d10	15.503	176	124989	19.109	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	23806	16.947	ng/ul	0.00
73) Anthracene-d10	17.360	188	207366	20.251	ng/ul	0.00
81) Pyrene-d10	19.657	212	251556	19.203	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.405	264	278303	19.895	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	4913	7.261	ng/uL	91
5) Pyridine	3.758	79	33663	16.969	ng/ul#	79
6) Benzaldehyde	7.007	77	21107	15.580	ng/ul	94
8) Phenol	7.090	94	46082	17.456	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.289	93	34204	17.714	ng/ul	87
12) 2-Chlorophenol	7.442	128	38553	19.025	ng/ul	98
13) 2-Methylphenol	8.329	108	36872	18.023	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.394	45	72033	13.813	ng/ul#	92
16) Acetophenone	8.694	105	63997	16.974	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.676	70	31332	15.114	ng/ul	84
18) 4-Methylphenol	8.658	108	39171	17.281	ng/ul	99
19) Hexachloroethane	8.940	117	17441	19.344	ng/ul	93
22) Nitrobenzene	9.070	77	51249	18.964	ng/ul	97
23) Isophorone	9.593	82	89640	16.307	ng/ul	97
25) 2-Nitrophenol	9.781	139	24727	19.756	ng/ul	99
26) 2,4-Dimethylphenol	9.851	107	47047	18.970	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.074	93	48249	17.510	ng/ul	97
29) 2,4-Dichlorophenol	10.327	162	43252	20.889	ng/ul	98
30) Naphthalene	10.715	128	131129	19.413	ng/ul	98
32) 4-Chloroaniline	10.826	127	51388	17.582	ng/ul	95
33) Hexachlorobutadiene	10.997	225	45531	22.497	ng/ul	94
34) Caprolactam	11.590	113	10175	12.845	ng/ul	95
35) 4-Chloro-3-methylphenol	11.978	107	45808	17.114	ng/ul	98
36) 2-Methylnaphthalene	12.325	142	89566	18.285	ng/ul	99

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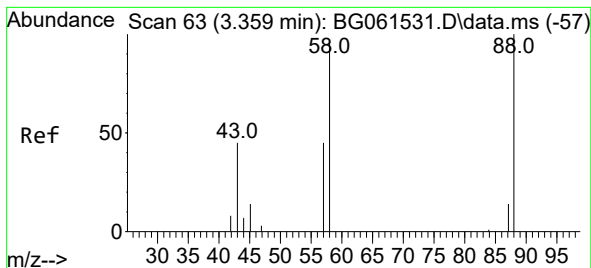
Quant Time: Jun 09 23:00:47 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.548	142	90769	18.056	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.701	216	76260	23.646	ng/ul	96
40) Hexachlorocyclopentadiene	12.671	237	18180	12.489	ng/ul#	90
41) 2,4,6-Trichlorophenol	12.947	196	40901	22.515	ng/ul	95
42) 2,4,5-Trichlorophenol	13.036	196	42381	22.154	ng/ul	98
43) 1,1'-Biphenyl	13.341	154	128579	20.356	ng/ul	98
44) 2-Chloronaphthalene	13.382	162	105158	21.155	ng/ul	96
45) 2-Nitroaniline	13.594	65	35111	17.114	ng/ul	91
47) Dimethylphthalate	13.964	163	141779	17.955	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	28404	18.343	ng/ul	94
50) Acenaphthylene	14.234	152	170639	19.537	ng/ul	99
51) 3-Nitroaniline	14.422	138	25285	18.815	ng/ul	94
52) Acenaphthene	14.575	153	112798	19.688	ng/ul	100
53) 2,4-Dinitrophenol	14.657	184	10647	12.966	ng/ul	97
55) 4-Nitrophenol	14.775	109	16898	15.345	ng/ul	86
56) Dibenzofuran	14.910	168	159867	19.515	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	43435	18.436	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	35344	20.257	ng/ul	93
59) Diethylphthalate	15.327	149	135478	17.374	ng/ul	100
61) Fluorene	15.562	166	132733	18.727	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.550	204	80585	19.386	ng/ul	98
63) 4-Nitroaniline	15.586	138	23863	17.049	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.668	198	24444	16.604	ng/ul	95
67) N-Nitrosodiphenylamine	15.768	169	116107	19.889	ng/ul	99
68) 4-Bromophenyl-phenylether	16.443	248	58251	21.167	ng/ul	98
69) Hexachlorobenzene	16.573	284	65743	21.492	ng/ul	99
70) Atrazine	16.720	200	42706	18.485	ng/ul	96
72) Phenanthrene	17.307	178	223552	19.831	ng/ul	99
74) Anthracene	17.395	178	229389	19.680	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.312	216	76791	25.012	ng/uL	97
76) Pentachlorobenzene	14.833	250	77234	22.753	ng/uL	92
77) Carbazole	17.671	167	190356	20.079	ng/ul	98
78) Di-n-butylphthalate	18.224	149	227511	19.152	ng/ul	99
80) Fluoranthene	19.322	202	298184	18.974	ng/ul	98
82) Pyrene	19.687	202	309746	18.988	ng/ul	98
83) Butylbenzylphthalate	20.574	149	103131	18.404	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.414	252	114414	21.127	ng/ul	100
85) Benzo(a)anthracene	21.502	228	345051	19.600	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	149013	17.965	ng/ul#	98
87) Chrysene	21.567	228	317814	19.606	ng/ul	98
89) Di-n-octyl phthalate	22.566	149	260925	17.924	ng/ul	100
90) Benzo(b)fluoranthene	23.700	252	334875	19.330	ng/ul	99
91) Benzo(k)fluoranthene	23.700	252	336412	19.128	ng/ul	95
93) Benzo(a)pyrene	24.475	252	324589	19.731	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.141	276	352828	17.736	ng/ul	98
95) Dibenzo(a,h)anthracene	28.177	278	136340	8.312	ng/ul	97
96) Benzo(g,h,i)perylene	29.240	276	248900	15.727	ng/ul	99

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

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#2

1,4-Dioxane

Concen: 7.261 ng/uL

RT: 3.365 min Scan# 64

Delta R.T. -0.029 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

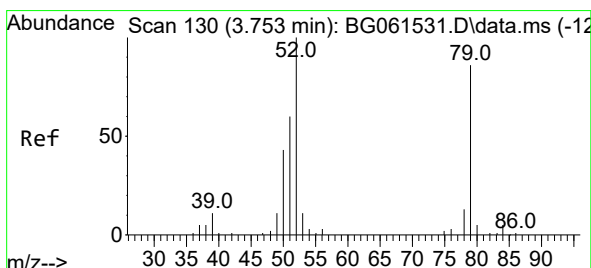
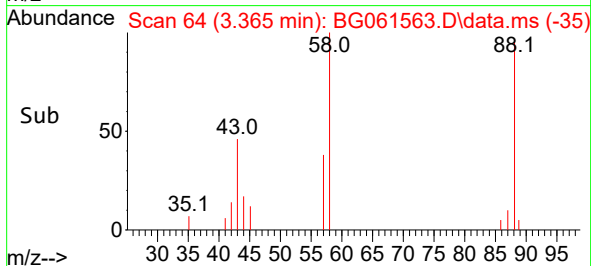
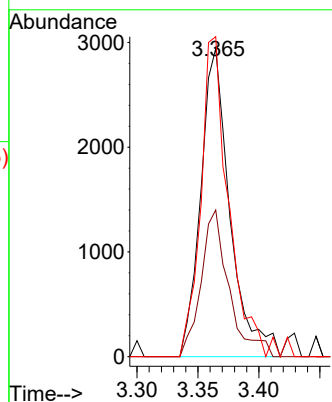
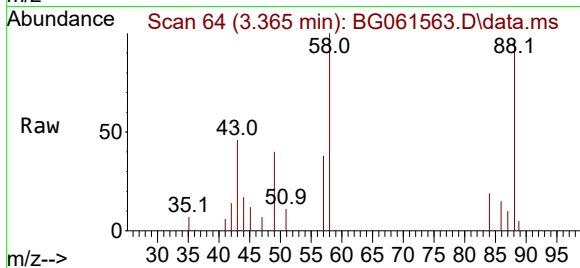
Tgt Ion: 88 Resp: 4913

Ion Ratio Lower Upper

88 100

43 47.6 44.6 67.0

58 103.8 90.3 135.5



#5

Pyridine

Concen: 16.969 ng/uL

RT: 3.758 min Scan# 131

Delta R.T. -0.023 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

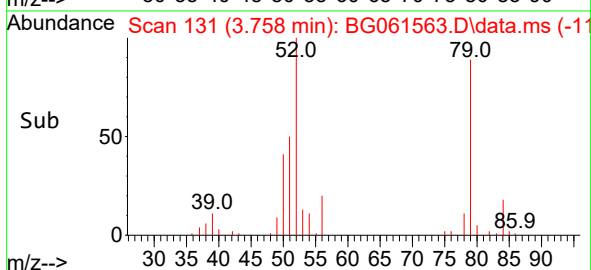
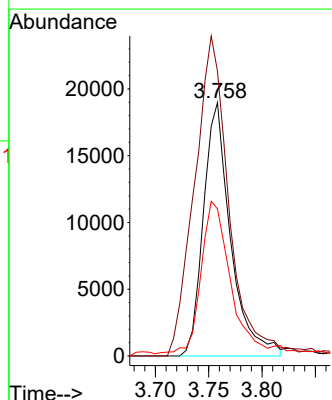
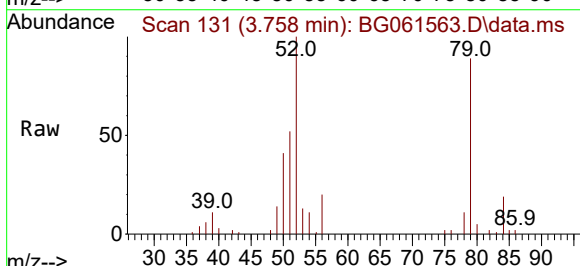
Tgt Ion: 79 Resp: 33663

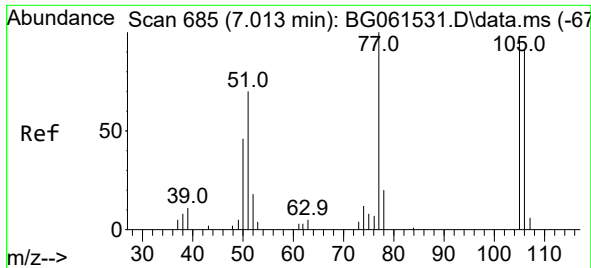
Ion Ratio Lower Upper

79 100

52 112.3 116.3 174.5#

51 58.0 52.1 78.1

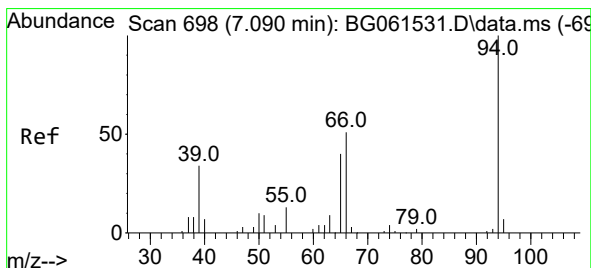
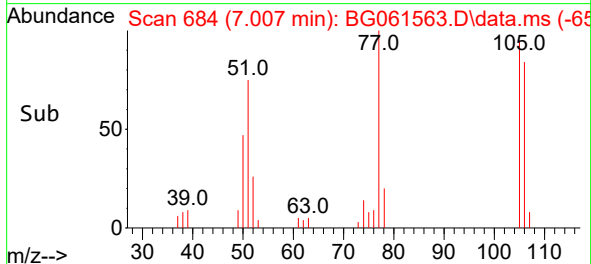
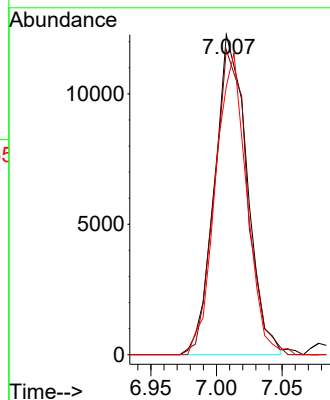
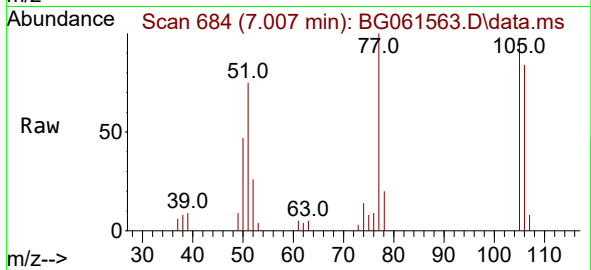




#6
Benzaldehyde
Concen: 15.580 ng/ul
RT: 7.007 min Scan# 684
Delta R.T. -0.017 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

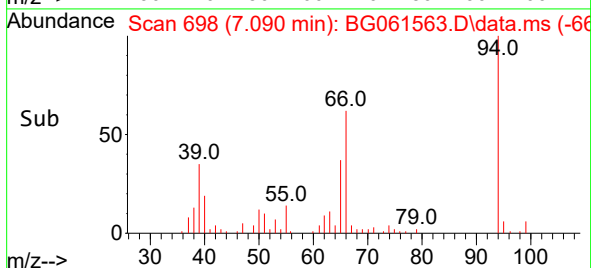
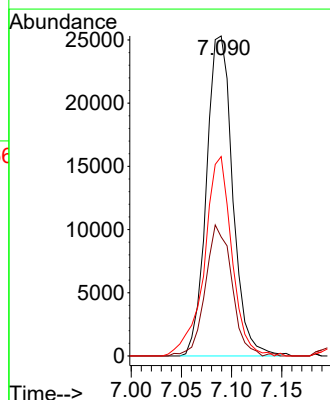
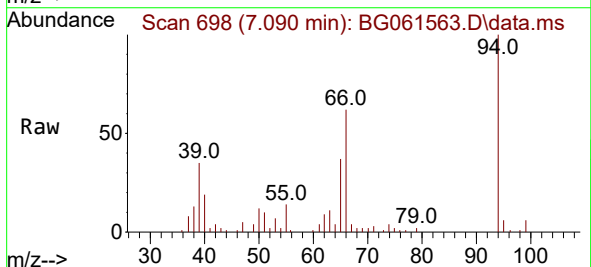
Instrument :
BNA_G
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SSTD020525

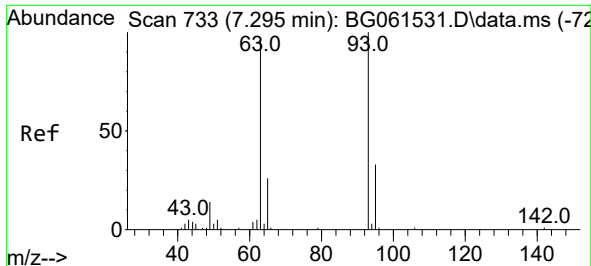
Tgt Ion: 77 Resp: 21107
Ion Ratio Lower Upper
77 100
105 95.3 71.0 106.6
106 83.8 63.4 95.2



#8
Phenol
Concen: 17.456 ng/ul
RT: 7.090 min Scan# 698
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion: 94 Resp: 46082
Ion Ratio Lower Upper
94 100
65 37.2 35.0 52.4
66 62.3 50.3 75.5

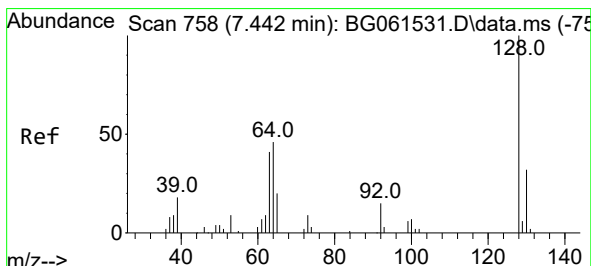
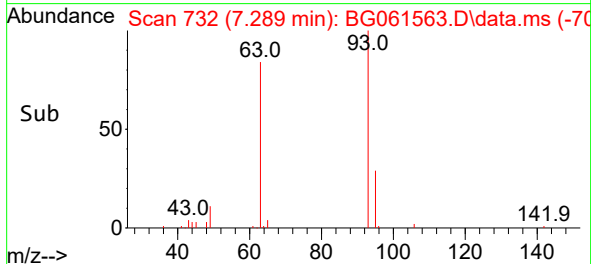
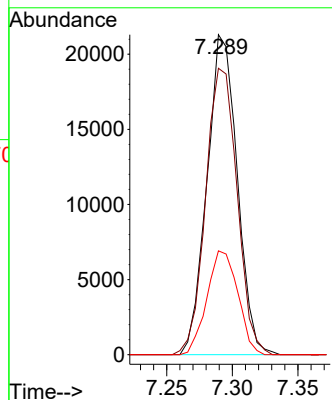
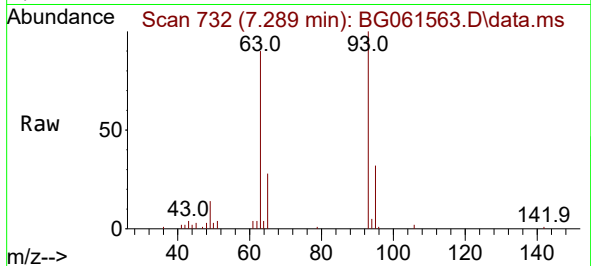




#10
Bis(2-Chloroethyl)ether
Concen: 17.714 ng/ul
RT: 7.289 min Scan# 732
Delta R.T. -0.011 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

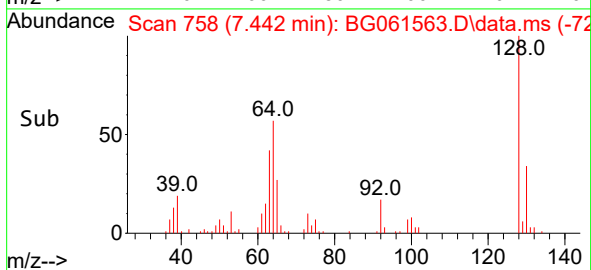
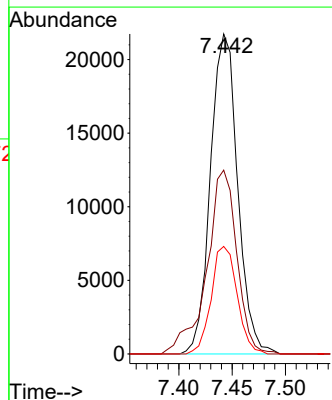
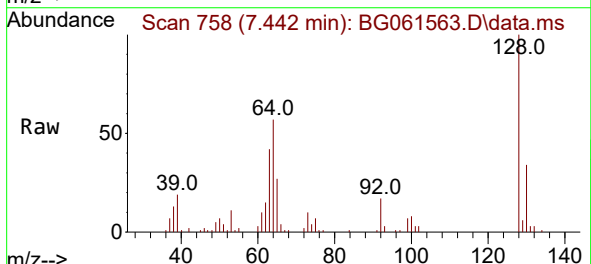
Instrument :
BNA_G
ClientSampleId :
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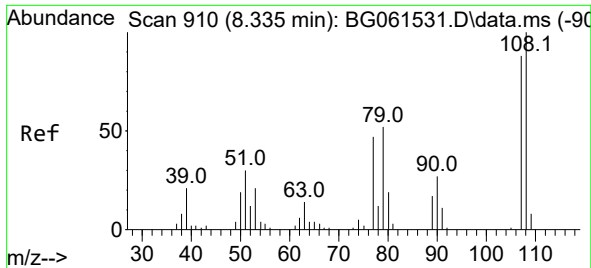
Tgt Ion: 93 Resp: 34204
Ion Ratio Lower Upper
93 100
63 89.5 86.2 129.2
95 32.4 25.8 38.8



#12
2-Chlorophenol
Concen: 19.025 ng/ul
RT: 7.442 min Scan# 758
Delta R.T. -0.011 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:128 Resp: 38553
Ion Ratio Lower Upper
128 100
64 57.4 46.9 70.3
130 33.6 25.8 38.8





#13

2-Methylphenol

Concen: 18.023 ng/ul

RT: 8.329 min Scan# 90

Delta R.T. -0.005 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

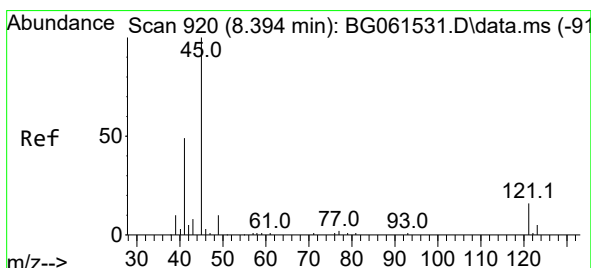
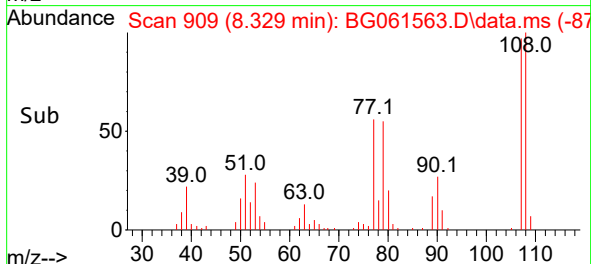
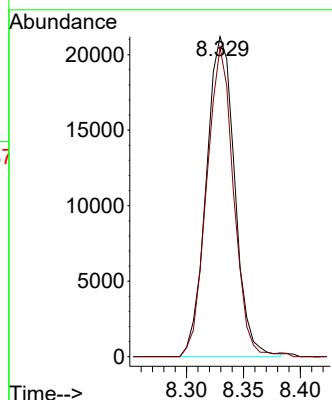
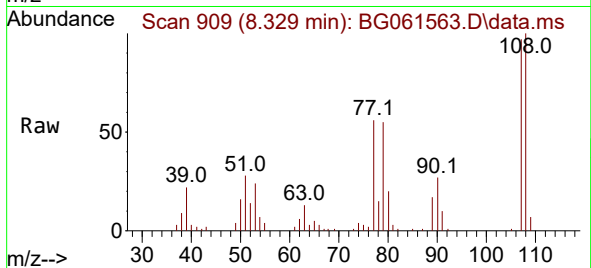
SSTD020525

Tgt Ion:108 Resp: 36872

Ion Ratio Lower Upper

108 100

107 96.7 69.5 104.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.813 ng/ul

RT: 8.394 min Scan# 920

Delta R.T. -0.005 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

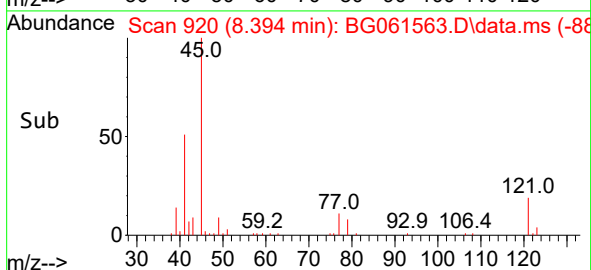
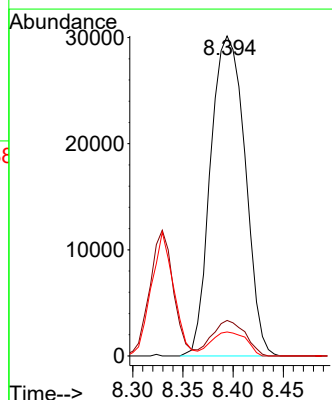
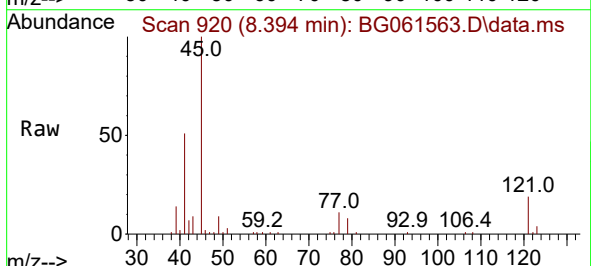
Tgt Ion: 45 Resp: 72033

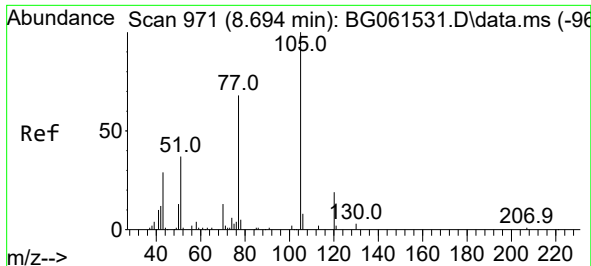
Ion Ratio Lower Upper

45 100

77 11.1 6.2 9.2#

79 7.5 4.6 7.0#

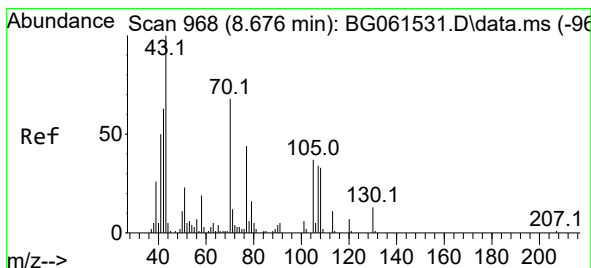
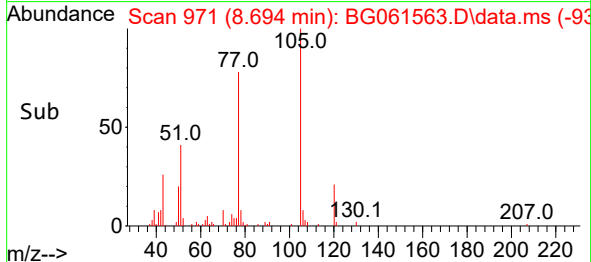
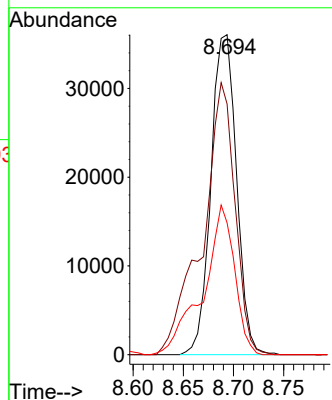
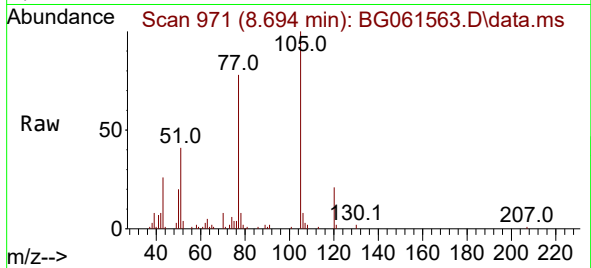




#16
Acetophenone
Concen: 16.974 ng/ul
RT: 8.694 min Scan# 971
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

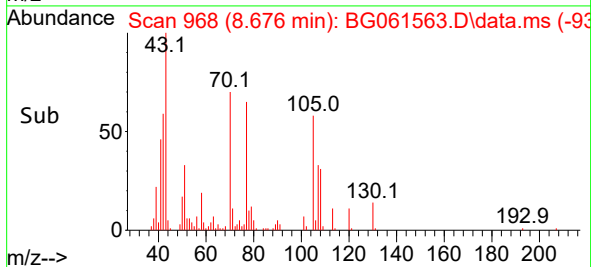
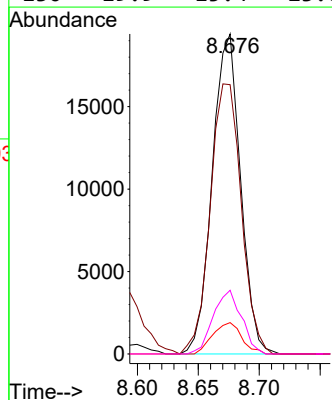
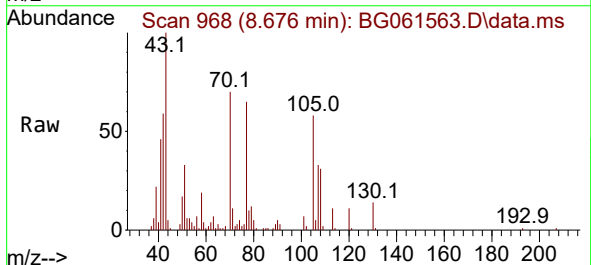
Instrument :
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ClientSampleId :
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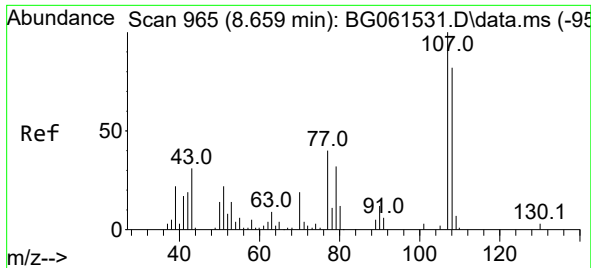
Tgt Ion:105 Resp: 63997
Ion Ratio Lower Upper
105 100
77 78.3 70.4 105.6
51 41.2 38.4 57.6



#17
N-Nitroso-di-n-propylamine
Concen: 15.114 ng/ul
RT: 8.676 min Scan# 968
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion: 70 Resp: 31332
Ion Ratio Lower Upper
70 100
42 84.1 83.2 124.8
101 9.8 6.6 9.8
130 19.9 15.4 23.0

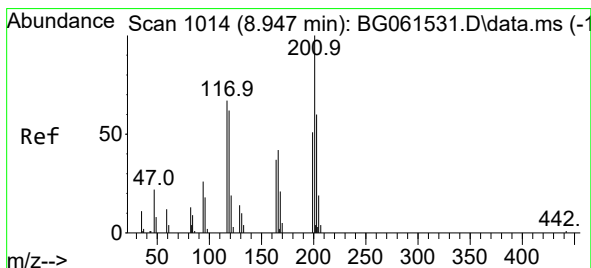
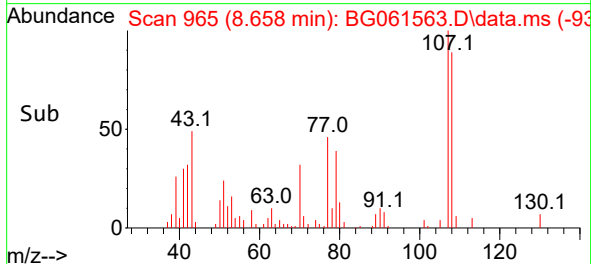
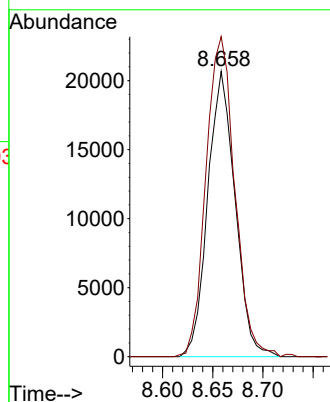
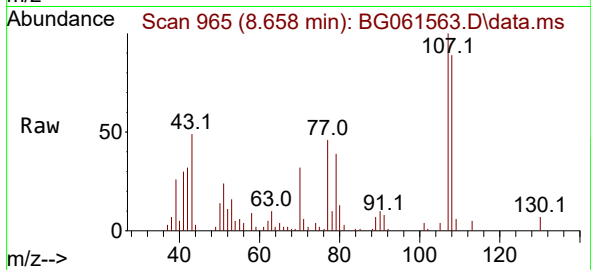




#18
4-Methylphenol
Concen: 17.281 ng/ul
RT: 8.658 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

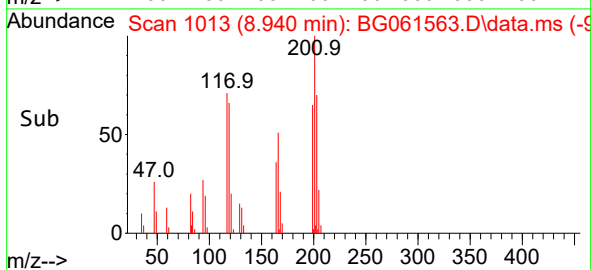
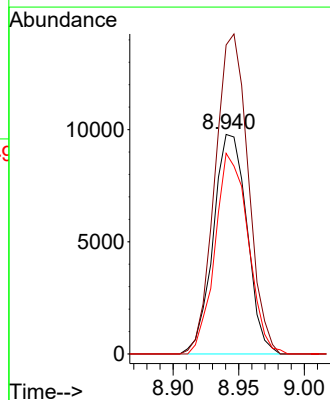
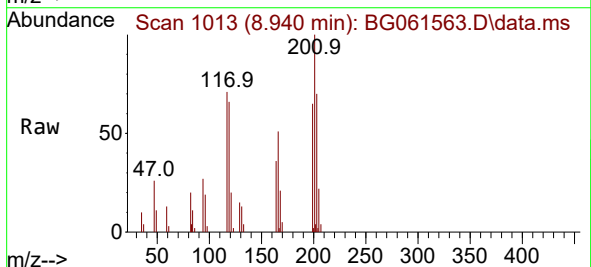
Instrument :
BNA_G
ClientSampleId :
SSTD020525

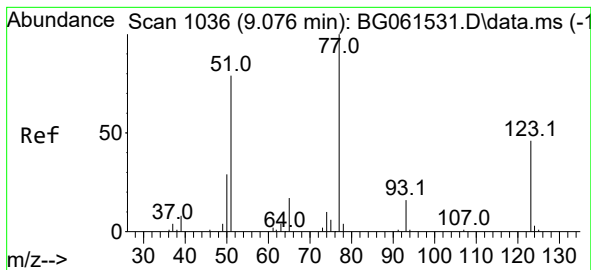
Tgt Ion:108 Resp: 39171
Ion Ratio Lower Upper
108 100
107 112.2 89.3 133.9



#19
Hexachloroethane
Concen: 19.344 ng/ul
RT: 8.940 min Scan# 1013
Delta R.T. -0.011 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:117 Resp: 17441
Ion Ratio Lower Upper
117 100
201 140.7 110.8 166.2
199 94.5 65.1 97.7

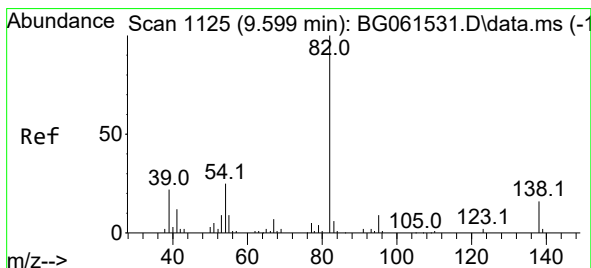
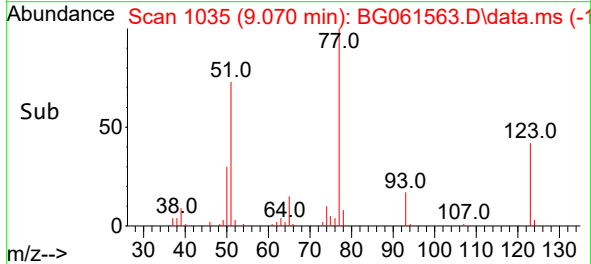
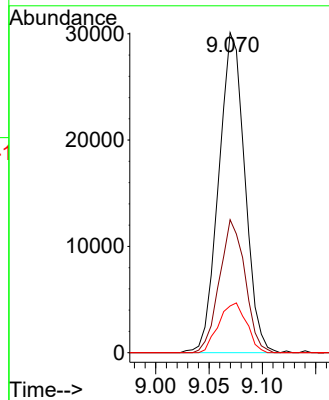
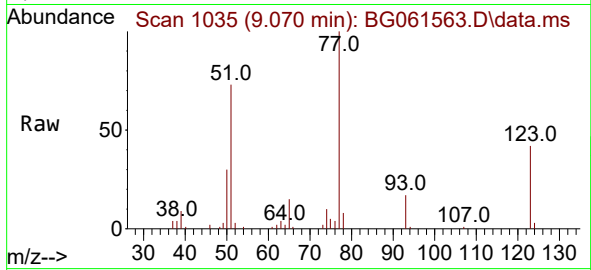




#22
Nitrobenzene
Concen: 18.964 ng/ul
RT: 9.070 min Scan# 1103
Delta R.T. -0.011 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

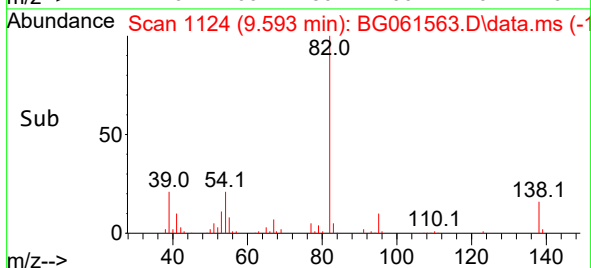
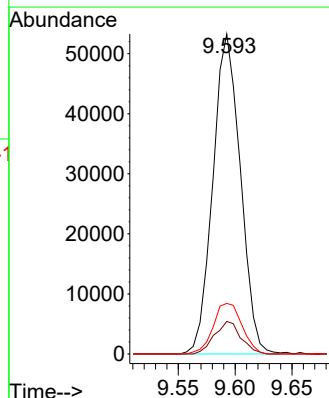
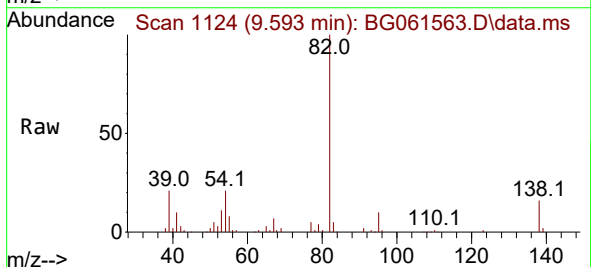
Instrument :
BNA_G
ClientSampleId :
SSTD020525

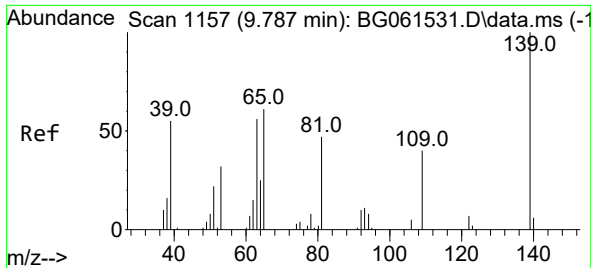
Tgt Ion: 77 Resp: 51249
Ion Ratio Lower Upper
77 100
123 41.6 32.7 49.1
65 14.6 14.2 21.2



#23
Isophorone
Concen: 16.307 ng/ul
RT: 9.593 min Scan# 1124
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion: 82 Resp: 89640
Ion Ratio Lower Upper
82 100
95 10.1 6.9 10.3
138 15.8 13.5 20.3

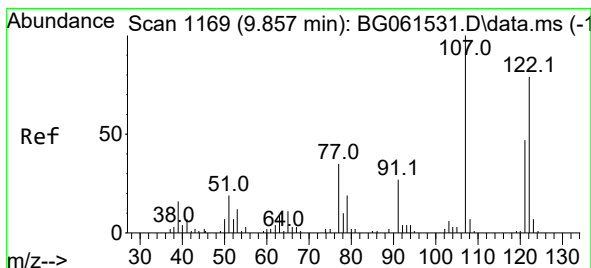
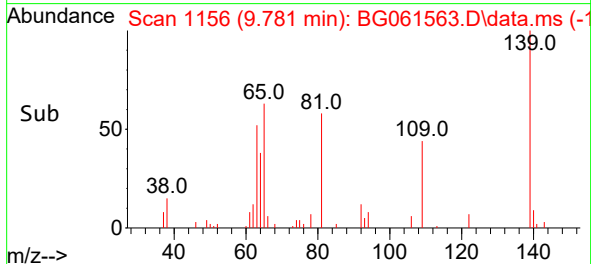
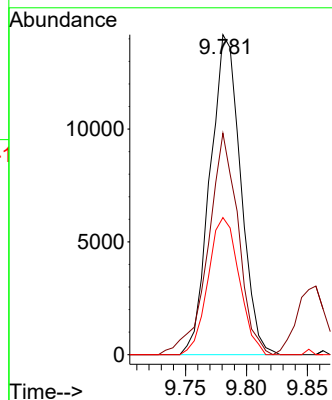
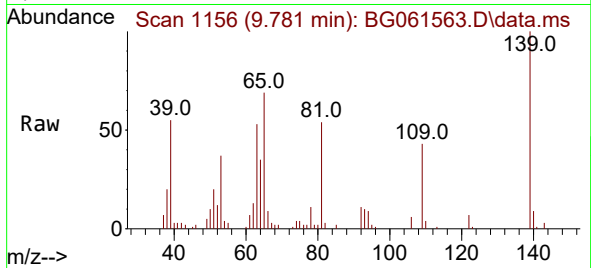




#25
2-Nitrophenol
Concen: 19.756 ng/ul
RT: 9.781 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

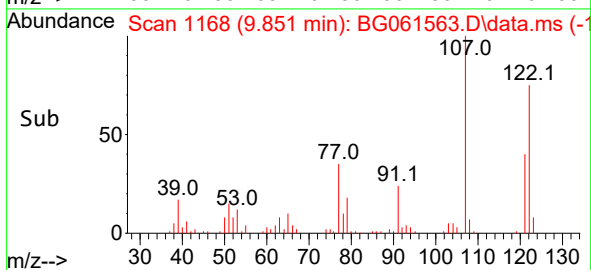
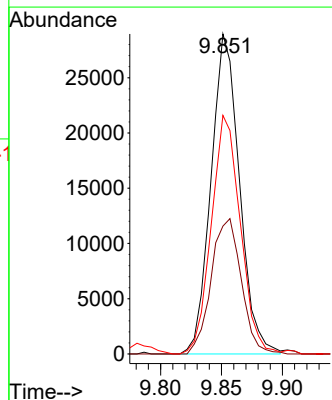
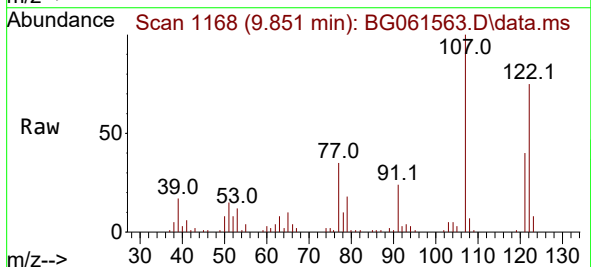
Instrument :
BNA_G
ClientSampleId :
SSTD020525

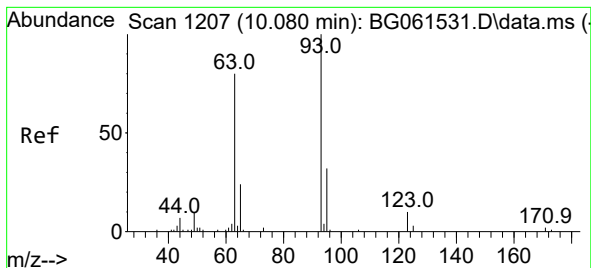
Tgt Ion:139 Resp: 24727
Ion Ratio Lower Upper
139 100
65 69.2 56.1 84.1
109 42.8 33.8 50.6



#26
2,4-Dimethylphenol
Concen: 18.970 ng/ul
RT: 9.851 min Scan# 1168
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:107 Resp: 47047
Ion Ratio Lower Upper
107 100
121 40.0 36.4 54.6
122 74.5 65.8 98.8

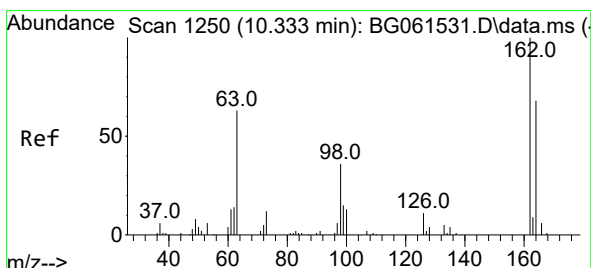
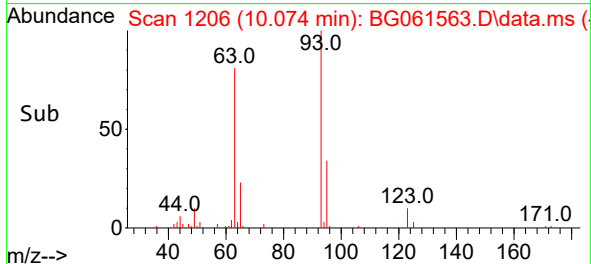
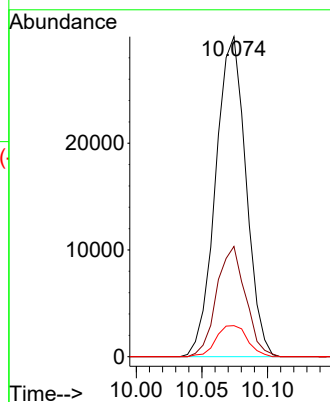
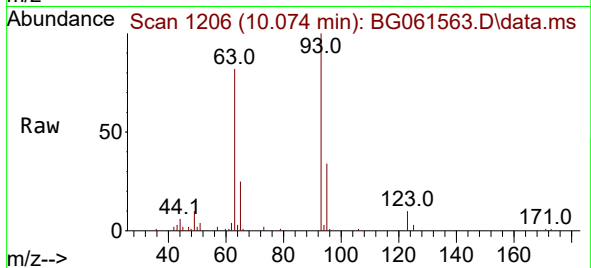




#27
Bis(2-Chloroethoxy)methane
Concen: 17.510 ng/ul
RT: 10.074 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

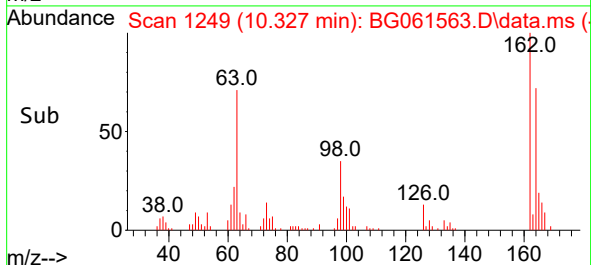
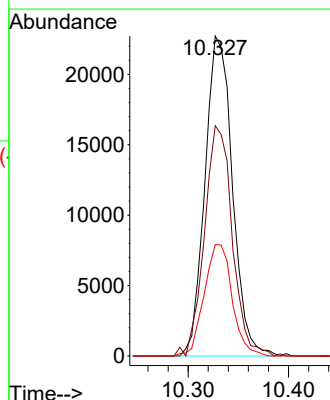
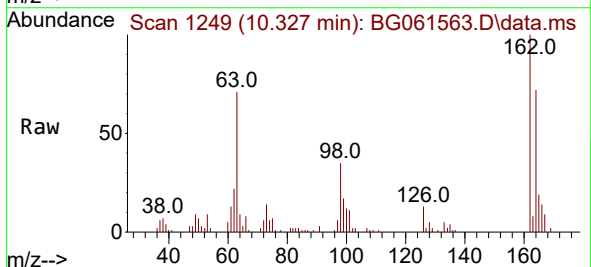
Instrument :
BNA_G
ClientSampleId :
SSTD020525

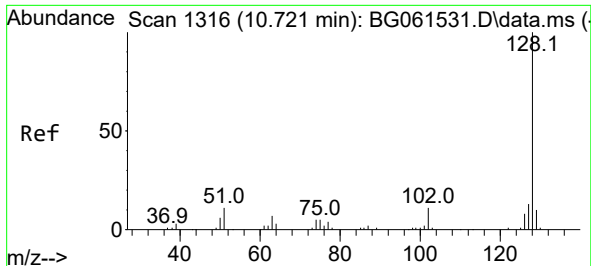
Tgt Ion: 93 Resp: 48249
Ion Ratio Lower Upper
93 100
95 34.4 25.8 38.8
123 9.7 7.2 10.8



#29
2,4-Dichlorophenol
Concen: 20.889 ng/ul
RT: 10.327 min Scan# 1249
Delta R.T. -0.011 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:162 Resp: 43252
Ion Ratio Lower Upper
162 100
164 72.0 58.4 87.6
98 34.8 29.9 44.9

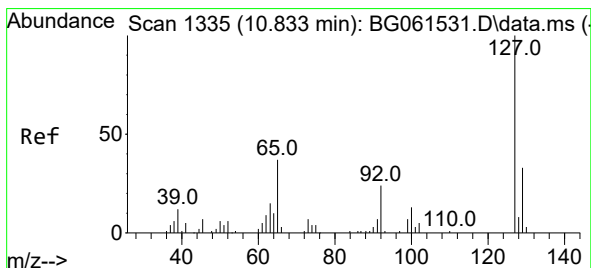
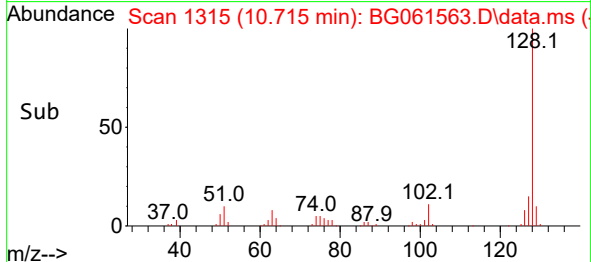
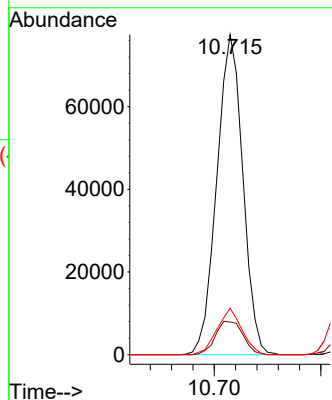
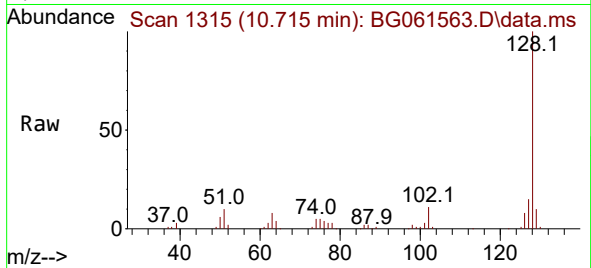




#30
Naphthalene
Concen: 19.413 ng/ul
RT: 10.715 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

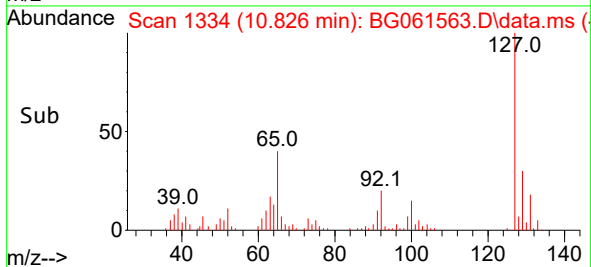
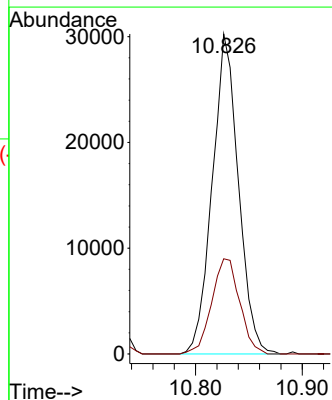
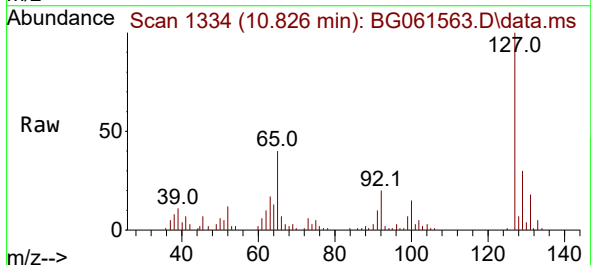
Instrument :
BNA_G
ClientSampleId :
SSTD020525

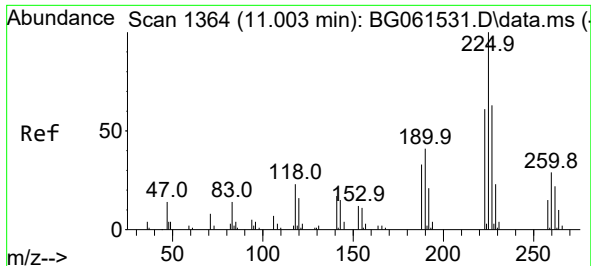
Tgt Ion:128 Resp: 131129
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 14.5 10.8 16.2



#32
4-Chloroaniline
Concen: 17.582 ng/ul
RT: 10.826 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:127 Resp: 51388
Ion Ratio Lower Upper
127 100
129 29.8 25.9 38.9

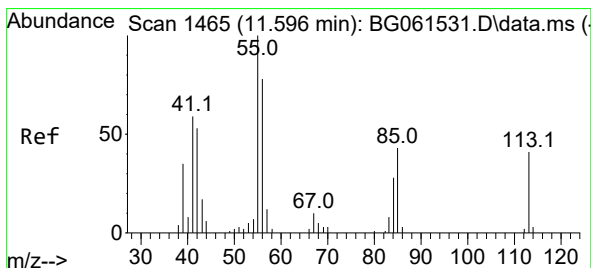
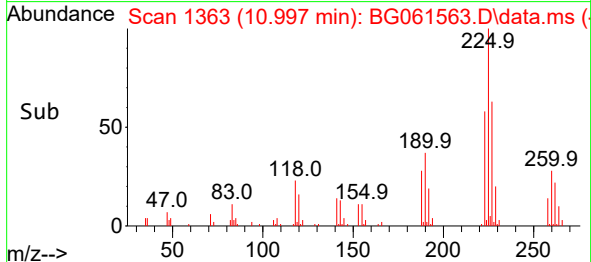
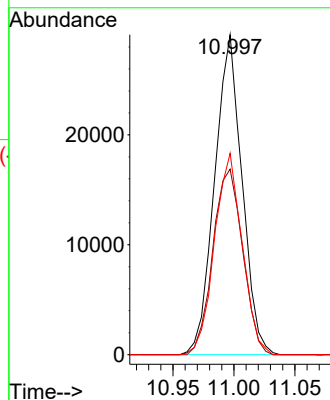
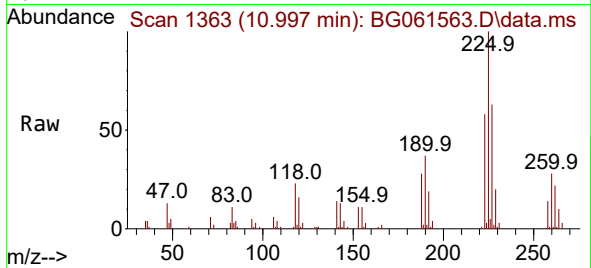




#33
Hexachlorobutadiene
Concen: 22.497 ng/ul
RT: 10.997 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

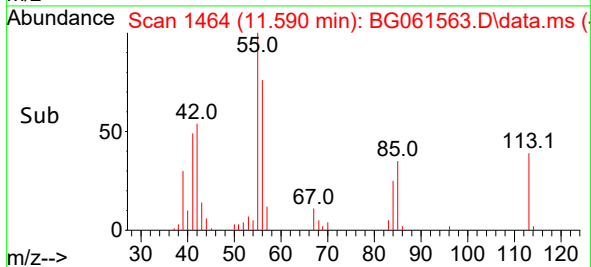
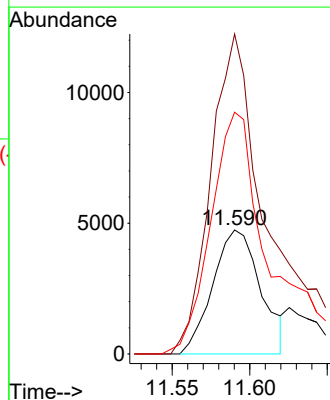
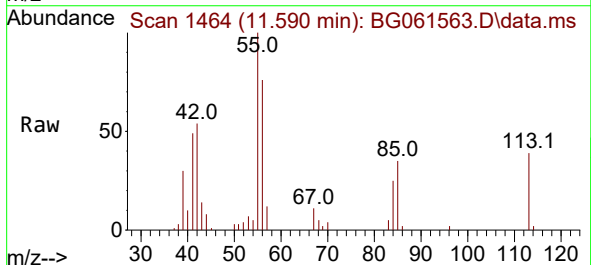
Instrument :
BNA_G
ClientSampleId :
SSTD020525

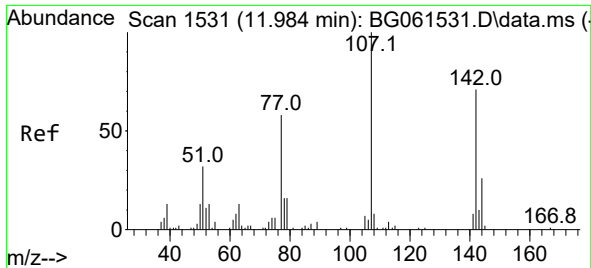
Tgt Ion:225 Resp: 45531
Ion Ratio Lower Upper
225 100
223 58.0 53.8 80.8
227 63.0 50.2 75.2



#34
Caprolactam
Concen: 12.845 ng/ul
RT: 11.590 min Scan# 1464
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:113 Resp: 10175
Ion Ratio Lower Upper
113 100
55 258.0 199.0 298.4
56 195.0 150.6 226.0

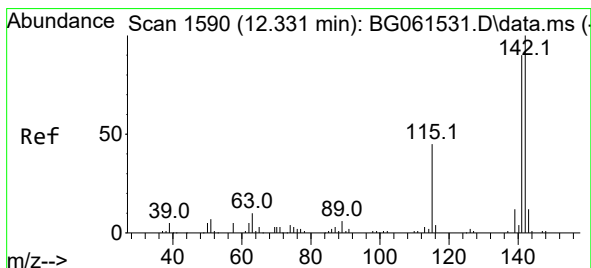
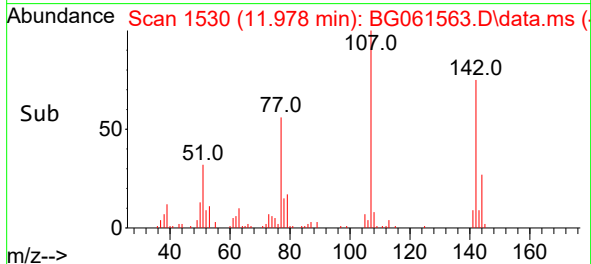
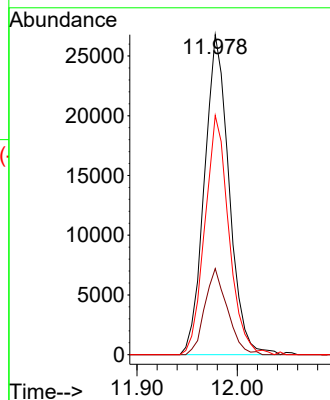
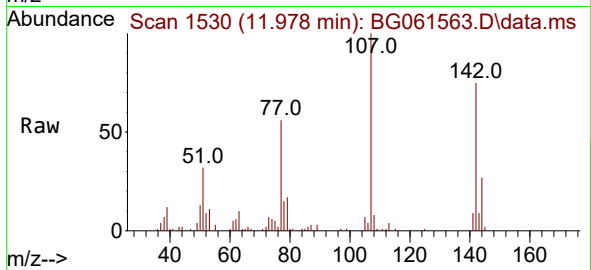




#35
4-Chloro-3-methylphenol
Concen: 17.114 ng/ul
RT: 11.978 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

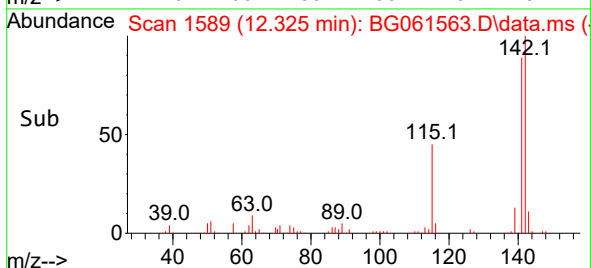
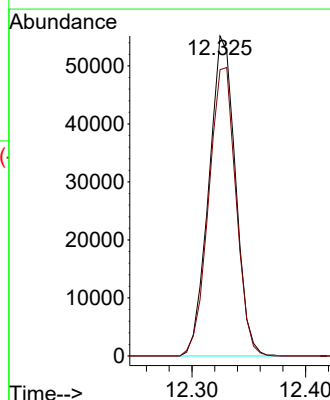
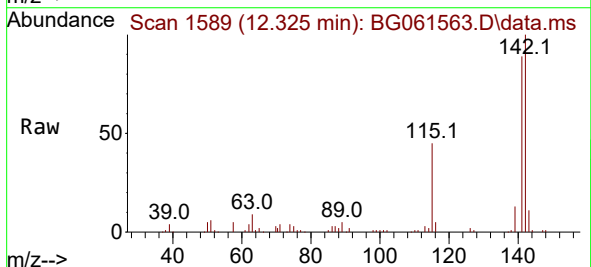
Instrument :
BNA_G
ClientSampleId :
SSTD020525

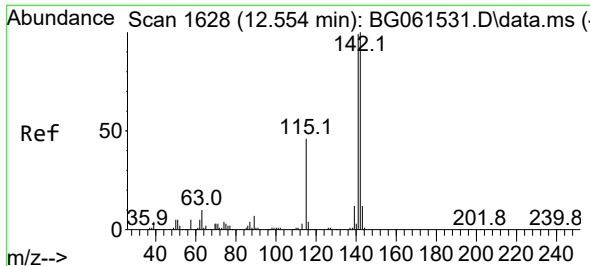
Tgt Ion:107 Resp: 45808
Ion Ratio Lower Upper
107 100
144 26.9 21.2 31.8
142 74.7 61.6 92.4



#36
2-Methylnaphthalene
Concen: 18.285 ng/ul
RT: 12.325 min Scan# 1589
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:142 Resp: 89566
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2





#37

1-Methylnaphthalene

Concen: 18.056 ng/ul

RT: 12.548 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

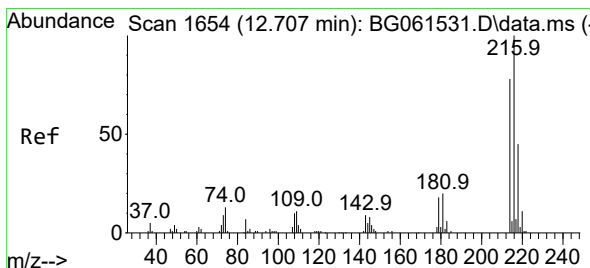
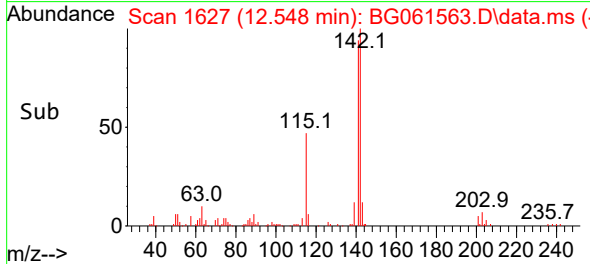
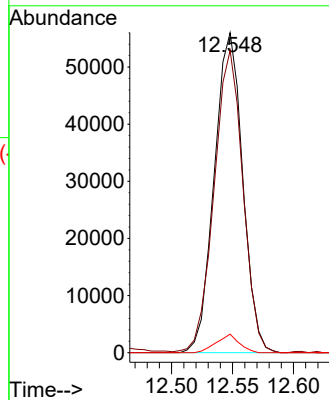
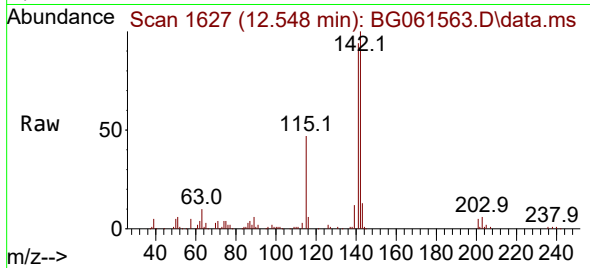
Tgt Ion:142 Resp: 90769

Ion Ratio Lower Upper

142 100

141 94.4 75.5 113.3

116 5.8 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.646 ng/ul

RT: 12.701 min Scan# 1653

Delta R.T. -0.005 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Tgt Ion:216 Resp: 76260

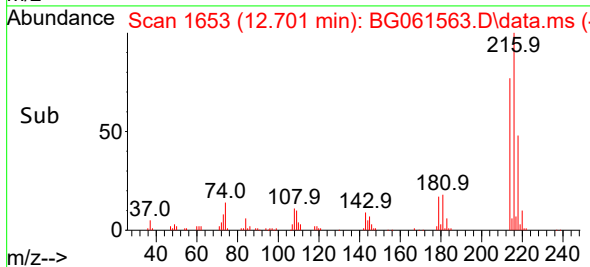
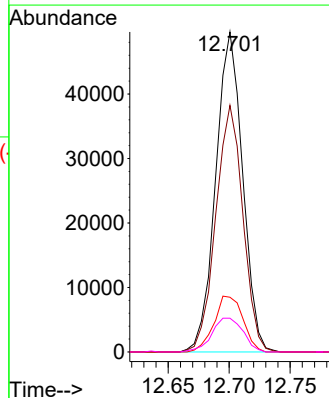
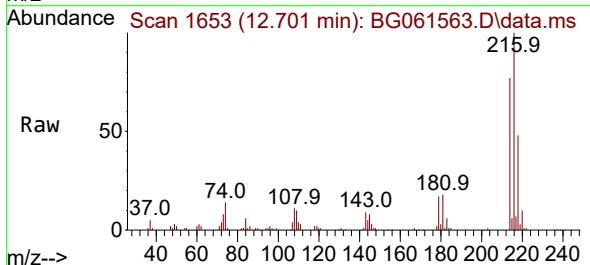
Ion Ratio Lower Upper

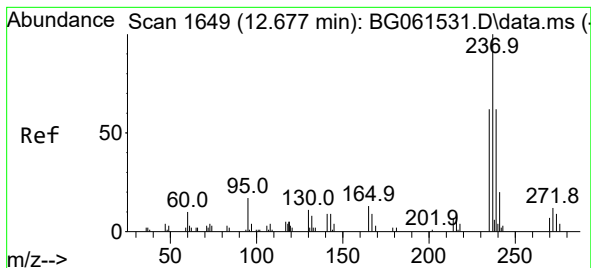
216 100

214 77.1 64.5 96.7

179 17.1 16.0 24.0

108 10.6 9.9 14.9





#40

Hexachlorocyclopentadiene

Concen: 12.489 ng/ul

RT: 12.671 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

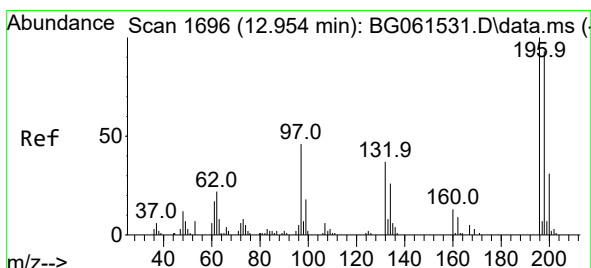
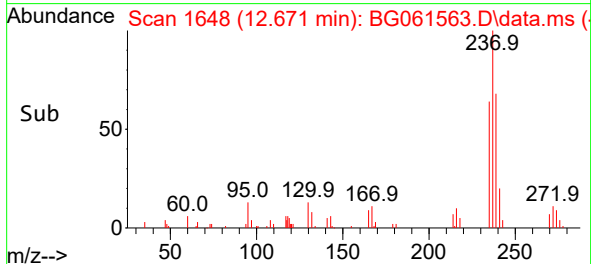
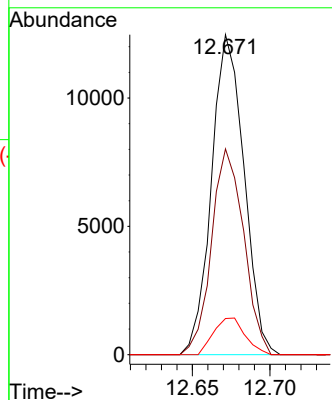
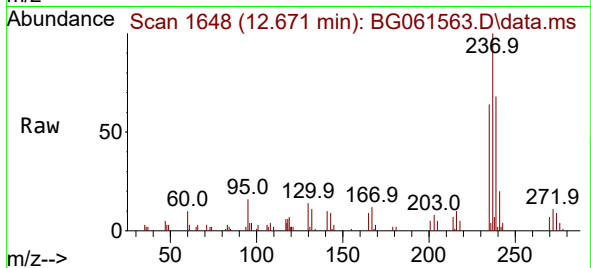
Tgt Ion:237 Resp: 18180

Ion Ratio Lower Upper

237 100

235 64.3 45.4 68.2

272 11.3 11.4 17.0#



#41

2,4,6-Trichlorophenol

Concen: 22.515 ng/ul

RT: 12.947 min Scan# 1695

Delta R.T. -0.005 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

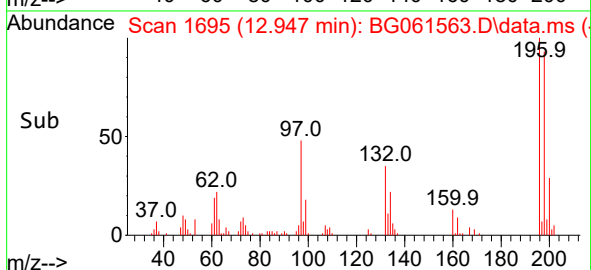
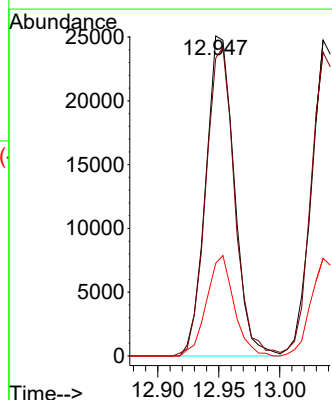
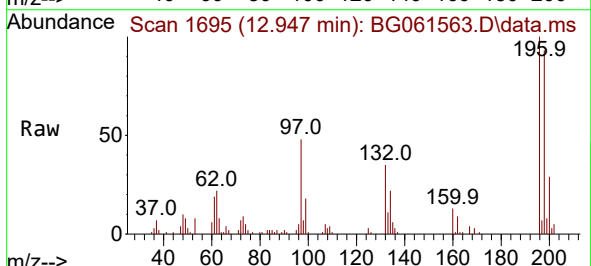
Tgt Ion:196 Resp: 40901

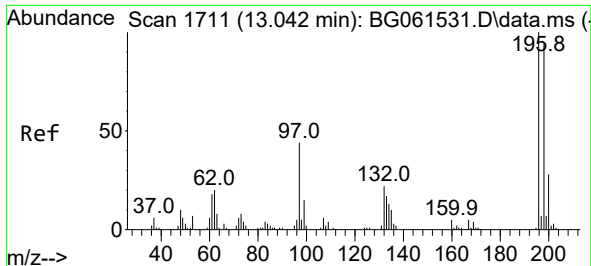
Ion Ratio Lower Upper

196 100

198 93.0 78.5 117.7

200 29.0 26.1 39.1

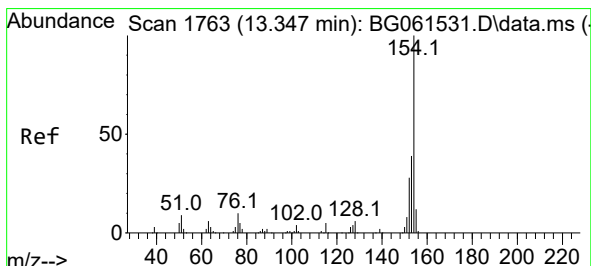
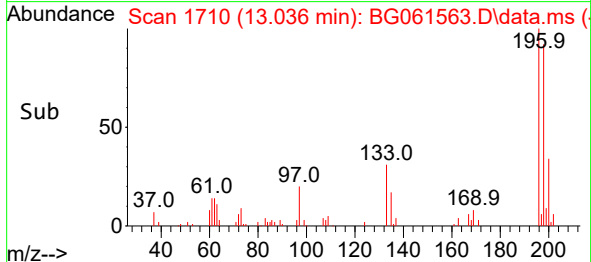
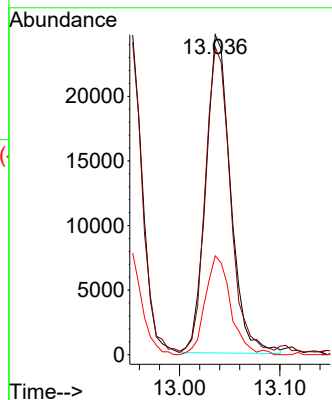
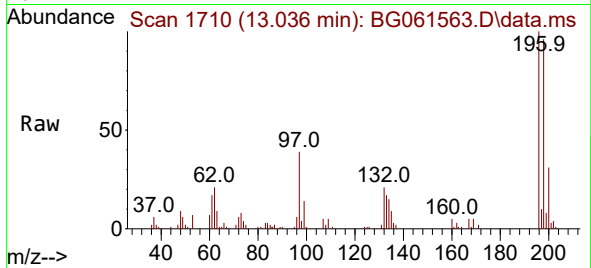




#42
2,4,5-Trichlorophenol
Concen: 22.154 ng/ul
RT: 13.036 min Scan# 1710
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

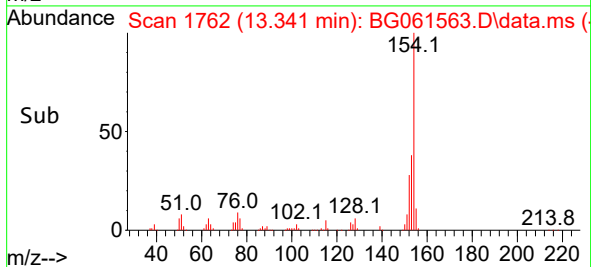
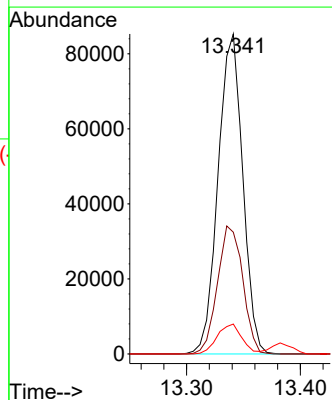
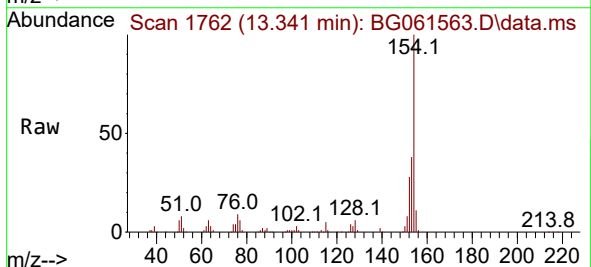
Instrument :
BNA_G
ClientSampleId :
SSTD020525

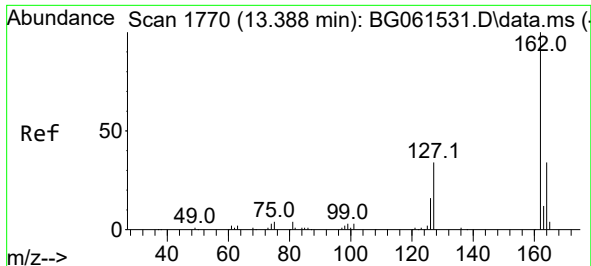
Tgt Ion:196 Resp: 42381
Ion Ratio Lower Upper
196 100
198 96.1 77.4 116.2
200 30.9 21.0 31.6



#43
1,1'-Biphenyl
Concen: 20.356 ng/ul
RT: 13.341 min Scan# 1762
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:154 Resp: 128579
Ion Ratio Lower Upper
154 100
153 38.1 31.2 46.8
76 9.3 8.5 12.7

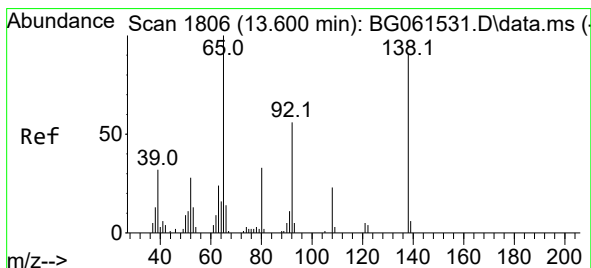
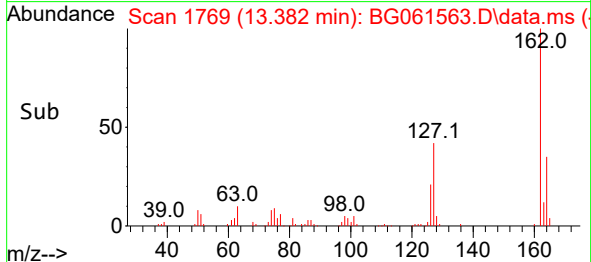
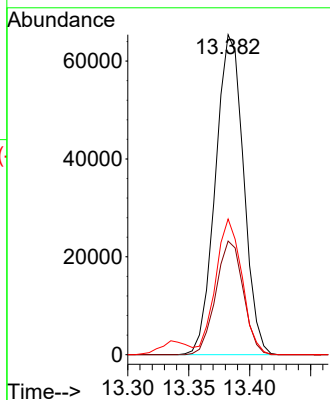
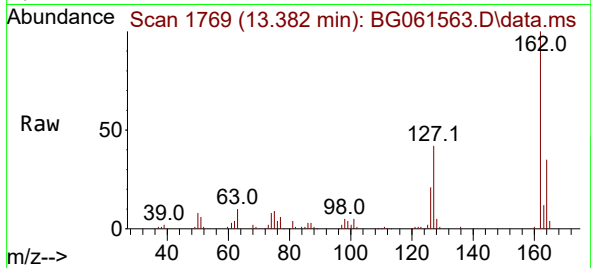




#44
2-Chloronaphthalene
Concen: 21.155 ng/ul
RT: 13.382 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

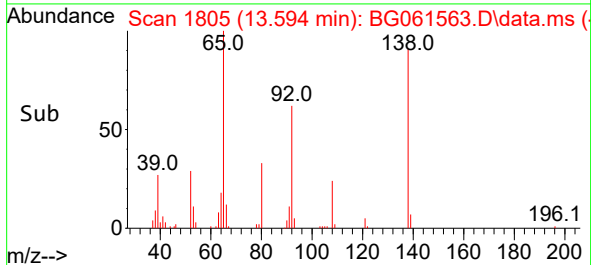
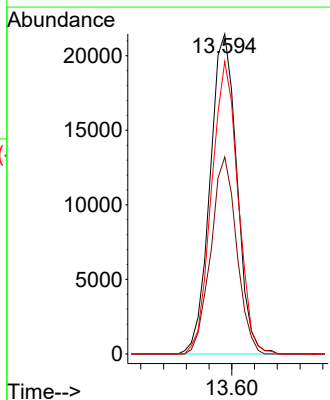
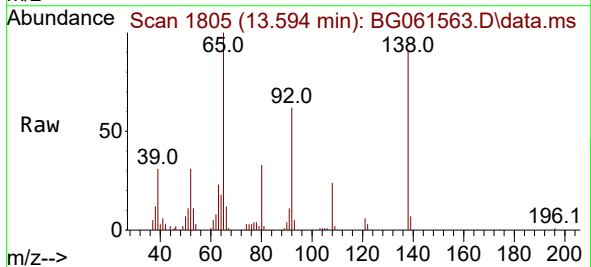
Instrument :
BNA_G
ClientSampleId :
SSTD020525

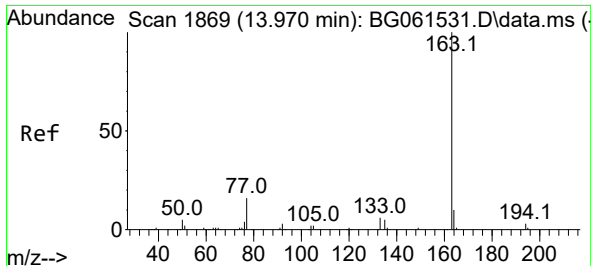
Tgt Ion:162 Resp: 105158
Ion Ratio Lower Upper
162 100
164 35.5 26.8 40.2
127 42.4 31.9 47.9



#45
2-Nitroaniline
Concen: 17.114 ng/ul
RT: 13.594 min Scan# 1805
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion: 65 Resp: 35111
Ion Ratio Lower Upper
65 100
92 61.6 46.2 69.4
138 91.4 65.0 97.6

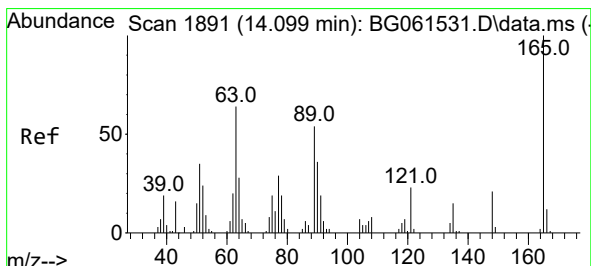
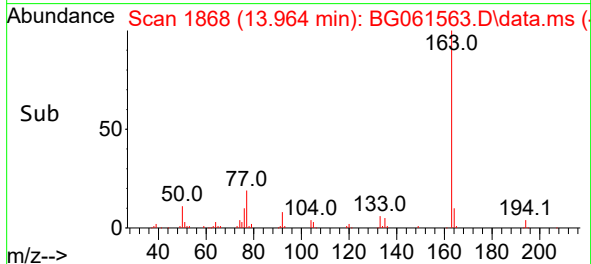
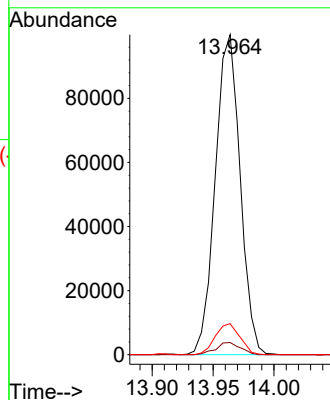
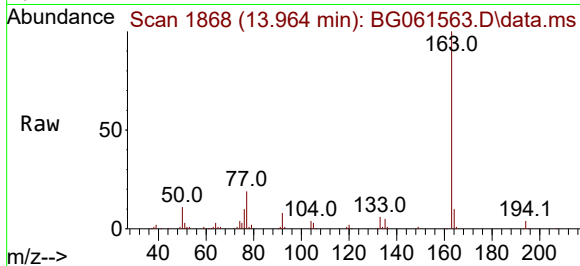




#47
Dimethylphthalate
Concen: 17.955 ng/ul
RT: 13.964 min Scan# 1868
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

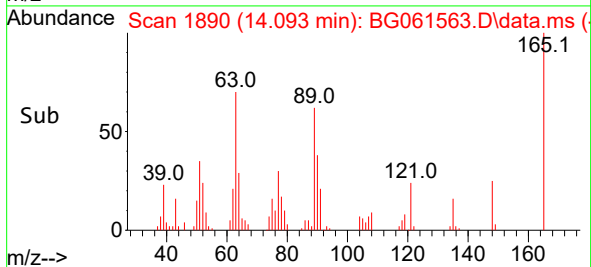
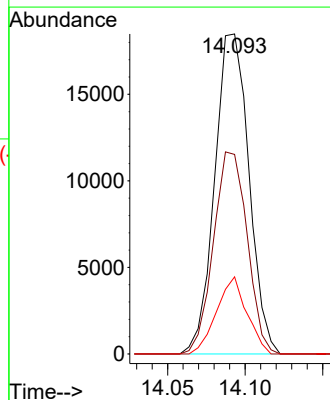
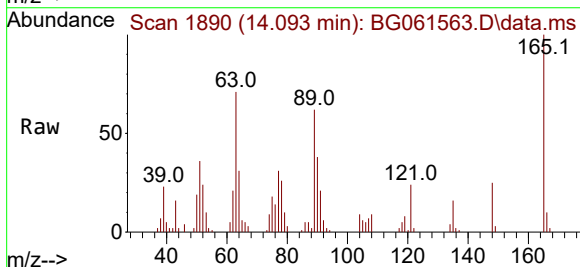
Instrument :
BNA_G
ClientSampleId :
SSTD020525

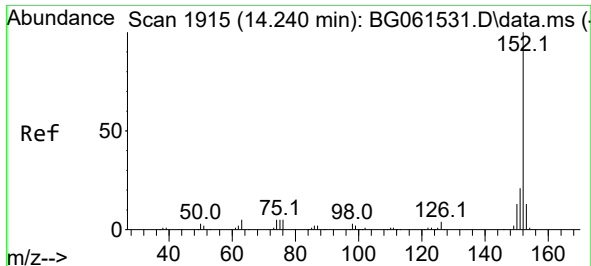
Tgt Ion:163 Resp: 141779
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.7 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 18.343 ng/ul
RT: 14.093 min Scan# 1890
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:165 Resp: 28404
Ion Ratio Lower Upper
165 100
89 62.4 46.0 69.0
121 24.1 17.9 26.9

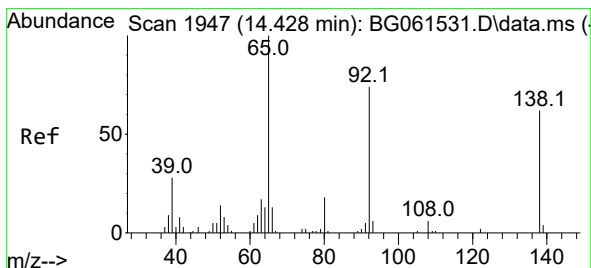
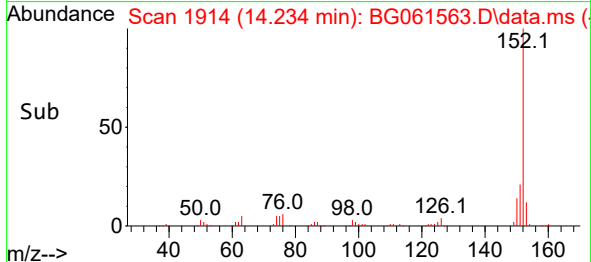
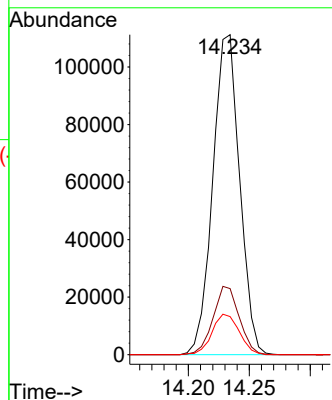
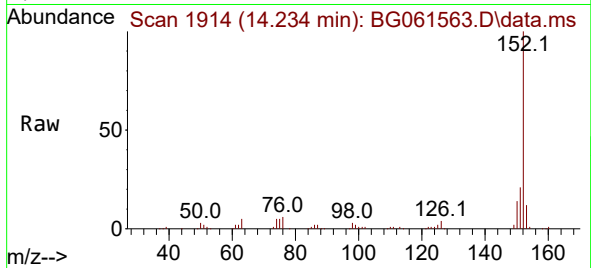




#50
Acenaphthylene
Concen: 19.537 ng/ul
RT: 14.234 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

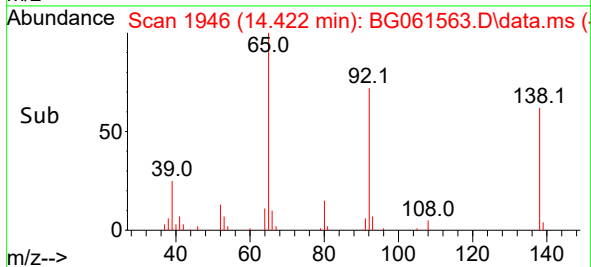
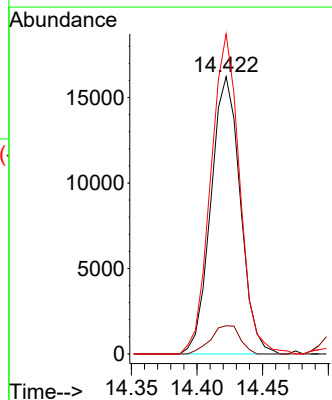
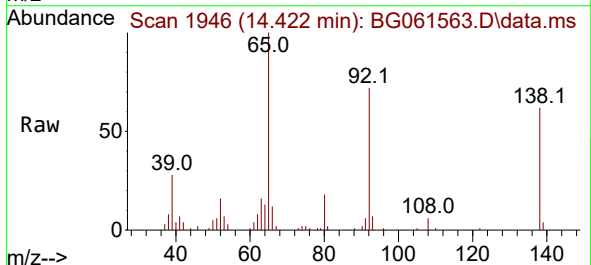
Instrument :
BNA_G
ClientSampleId :
SSTD020525

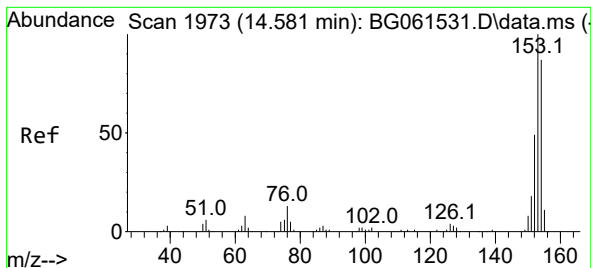
Tgt Ion:152 Resp: 170639
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 11.9 10.2 15.4



#51
3-Nitroaniline
Concen: 18.815 ng/ul
RT: 14.422 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:138 Resp: 25285
Ion Ratio Lower Upper
138 100
108 10.2 10.1 15.1
92 115.4 97.6 146.4





#52

Acenaphthene

Concen: 19.688 ng/ul

RT: 14.575 min Scan# 1972

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

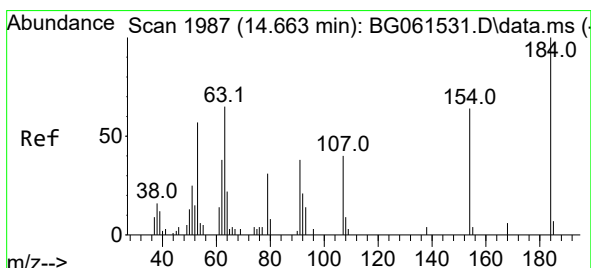
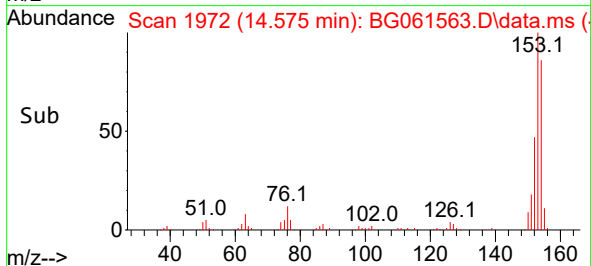
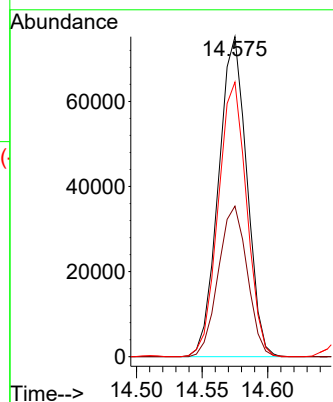
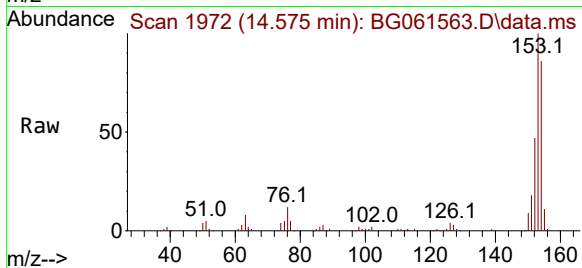
Tgt Ion:153 Resp: 112798

Ion Ratio Lower Upper

153 100

152 47.1 37.8 56.8

154 85.8 69.0 103.6



#53

2,4-Dinitrophenol

Concen: 12.966 ng/ul

RT: 14.657 min Scan# 1986

Delta R.T. -0.005 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

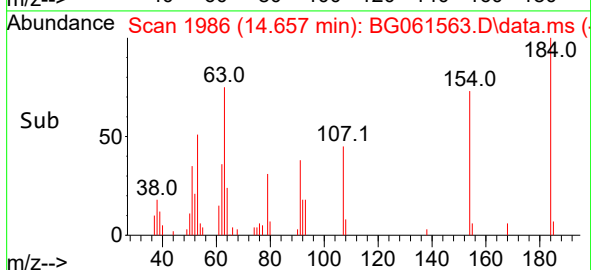
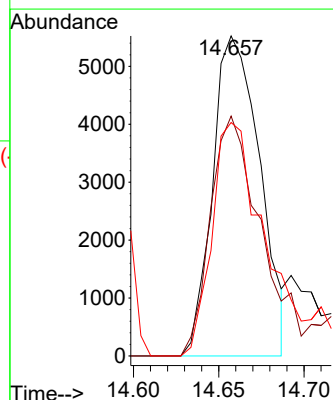
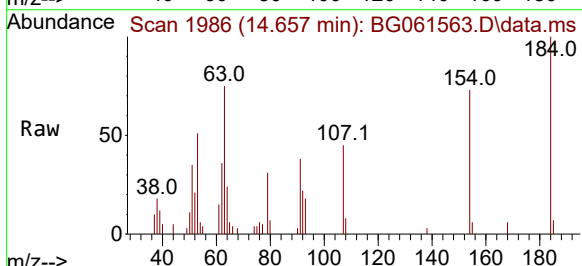
Tgt Ion:184 Resp: 10647

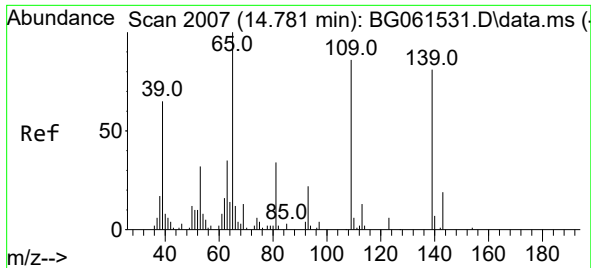
Ion Ratio Lower Upper

184 100

63 75.0 61.3 91.9

154 72.9 55.0 82.4

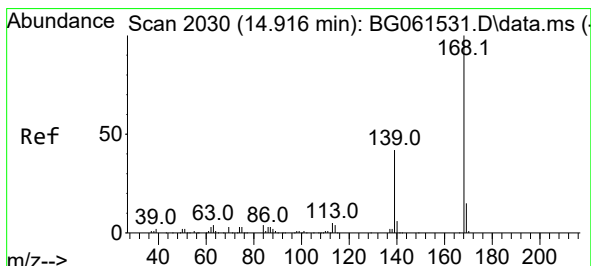
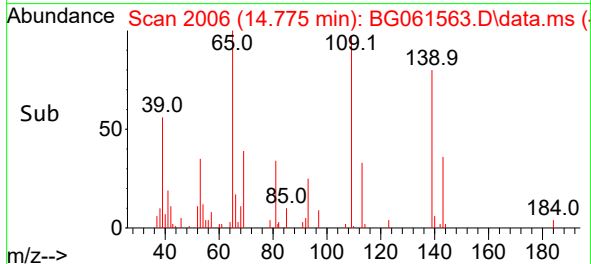
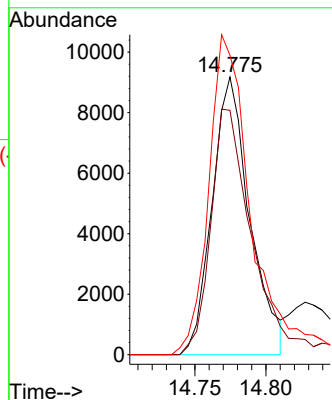
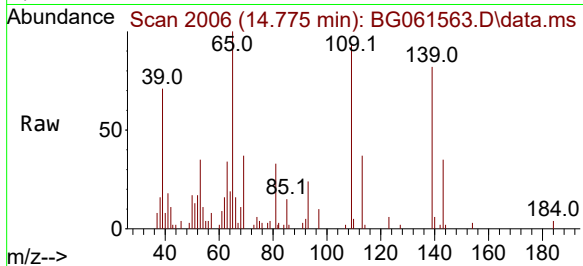




#55
4-Nitrophenol
Concen: 15.345 ng/ul
RT: 14.775 min Scan# 2006
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

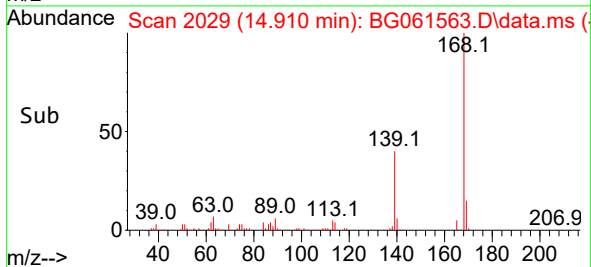
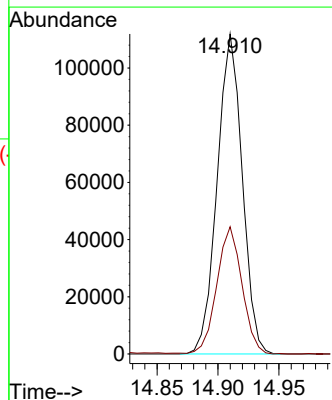
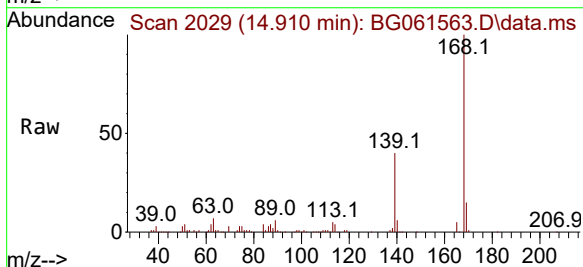
Instrument :
BNA_G
ClientSampleId :
SSTD020525

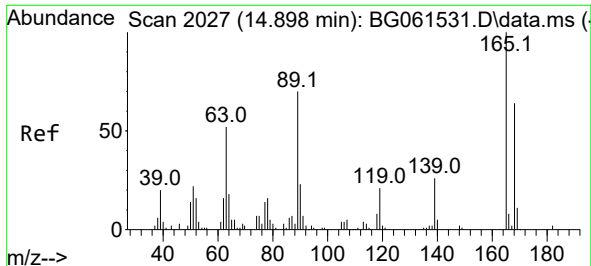
Tgt Ion:109 Resp: 16898
Ion Ratio Lower Upper
109 100
139 88.0 74.9 112.3
65 107.8 104.0 156.0



#56
Dibenzofuran
Concen: 19.515 ng/ul
RT: 14.910 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:168 Resp: 159867
Ion Ratio Lower Upper
168 100
139 39.8 33.4 50.2

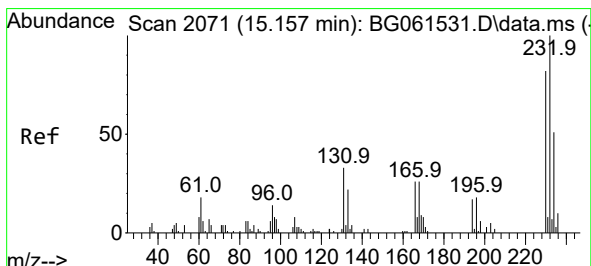
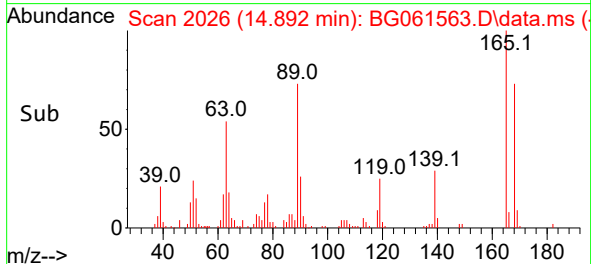
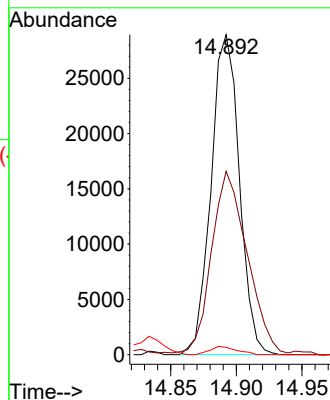
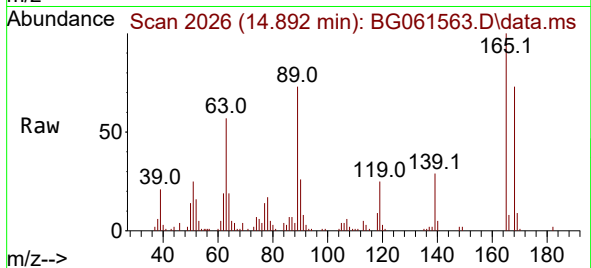




#57
2,4-Dinitrotoluene
Concen: 18.436 ng/ul
RT: 14.892 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

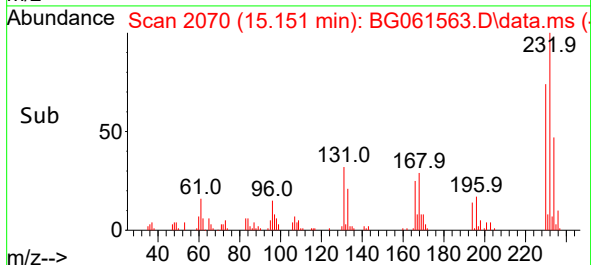
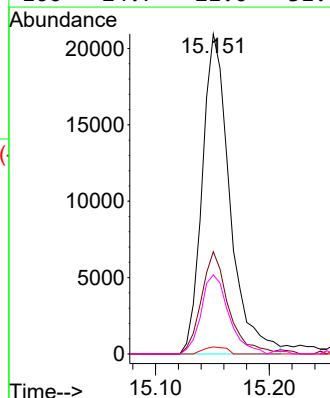
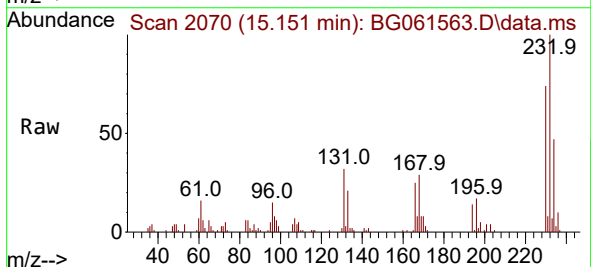
Instrument :
BNA_G
ClientSampleId :
SSTD020525

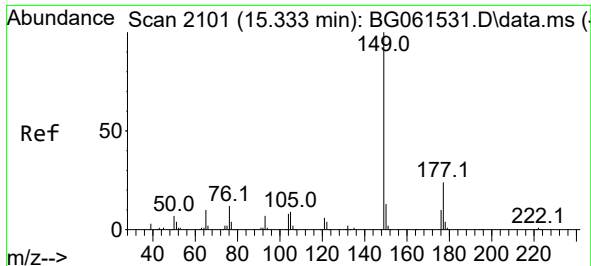
Tgt Ion:165 Resp: 43435
Ion Ratio Lower Upper
165 100
63 57.3 43.4 65.2
182 2.3 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.257 ng/ul
RT: 15.151 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:232 Resp: 35344
Ion Ratio Lower Upper
232 100
131 31.9 30.2 45.2
130 2.2 1.8 2.6
166 24.7 21.0 31.6

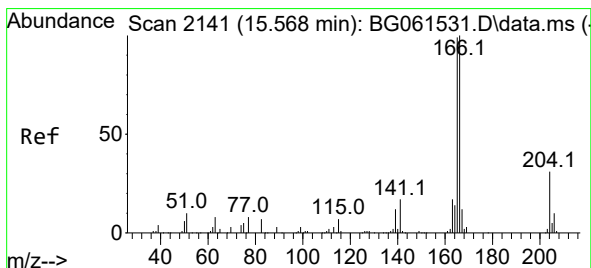
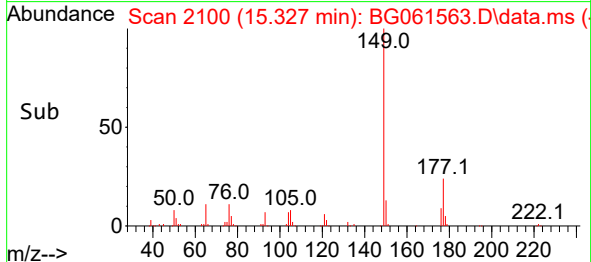
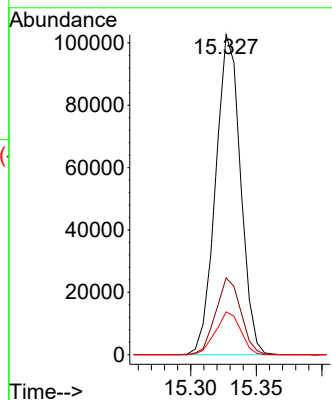
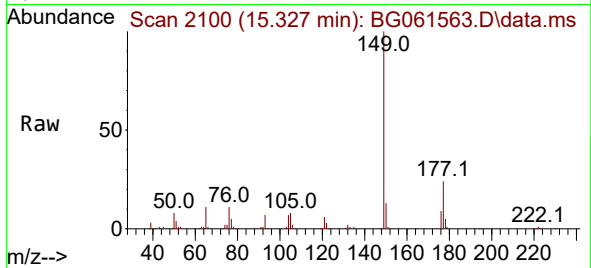




#59
Diethylphthalate
Concen: 17.374 ng/ul
RT: 15.327 min Scan# 2100
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

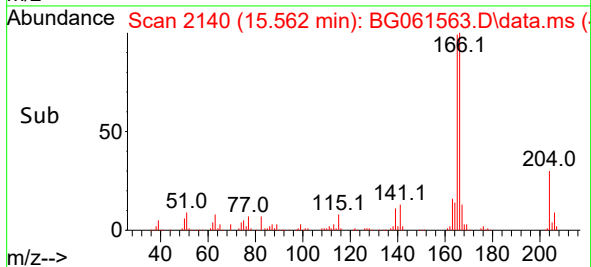
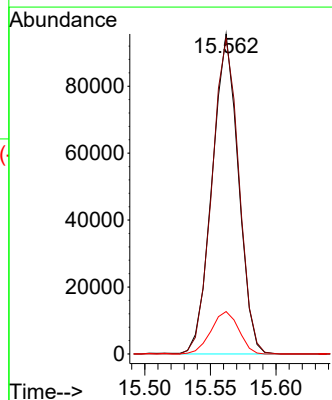
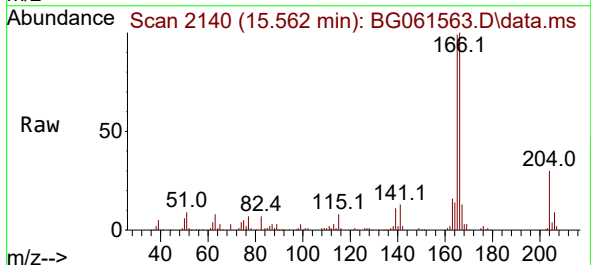
Instrument :
BNA_G
ClientSampleId :
SSTD020525

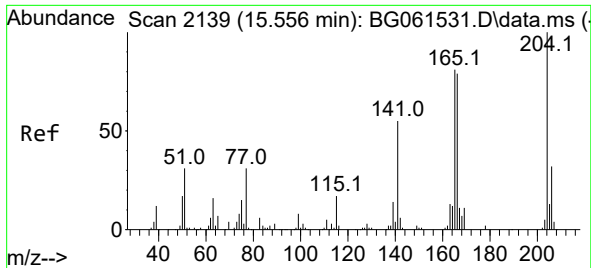
Tgt Ion:149 Resp: 135478
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 13.4 11.0 16.4



#61
Fluorene
Concen: 18.727 ng/ul
RT: 15.562 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:166 Resp: 132733
Ion Ratio Lower Upper
166 100
165 98.5 81.8 122.8
167 13.3 10.6 16.0

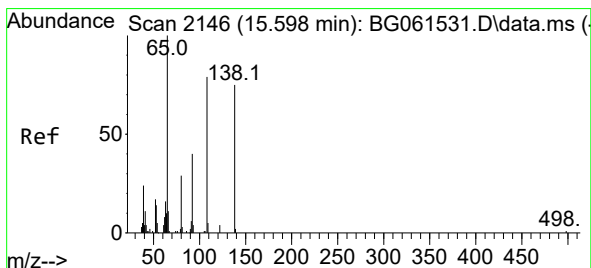
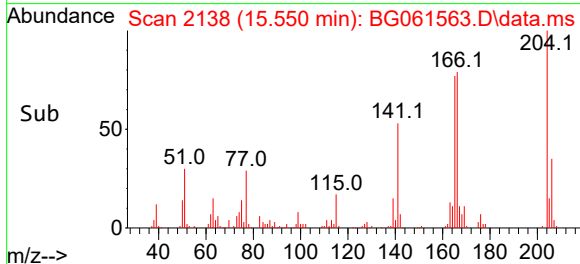
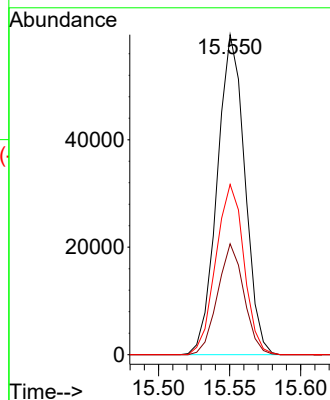
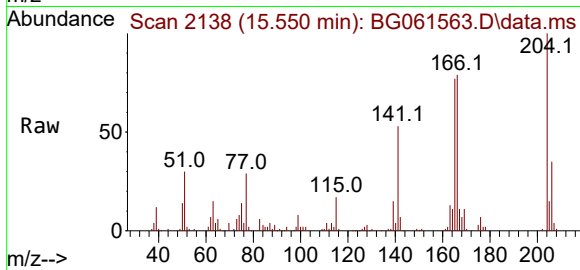




#62
4-Chlorophenyl-phenylether
Concen: 19.386 ng/ul
RT: 15.550 min Scan# 2138
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

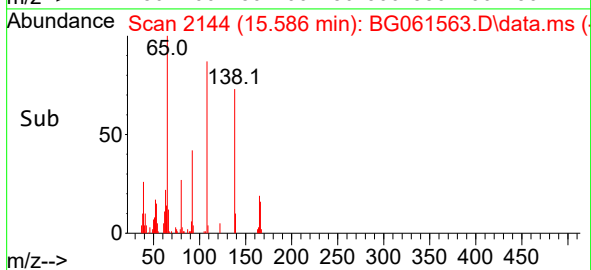
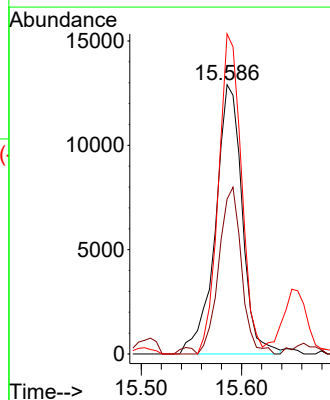
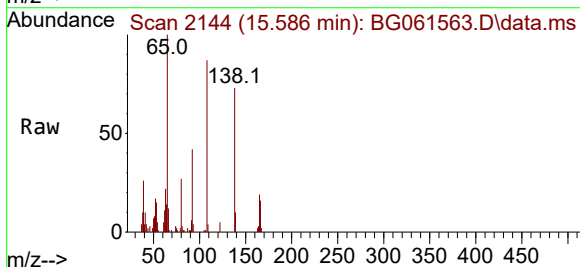
Instrument :
BNA_G
ClientSampleId :
SSTD020525

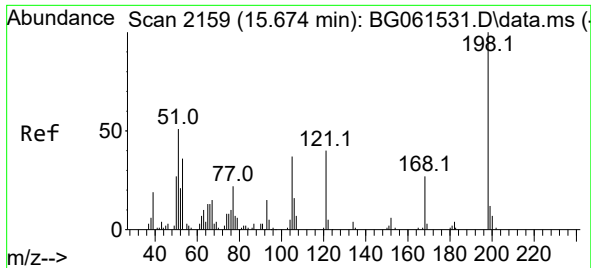
Tgt Ion:204 Resp: 80585
Ion Ratio Lower Upper
204 100
206 34.7 26.3 39.5
141 53.2 43.0 64.6



#63
4-Nitroaniline
Concen: 17.049 ng/ul
RT: 15.586 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:138 Resp: 23863
Ion Ratio Lower Upper
138 100
92 57.5 48.6 73.0
108 118.9 95.5 143.3

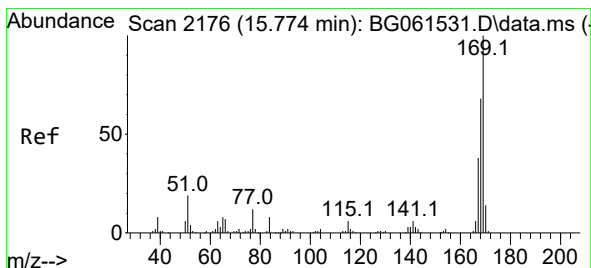
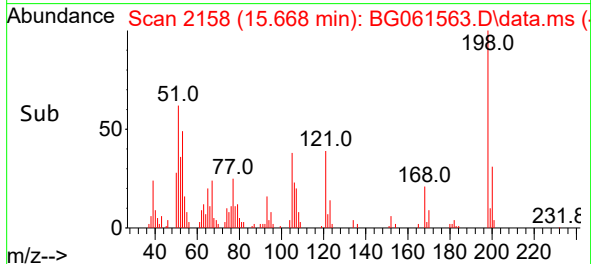
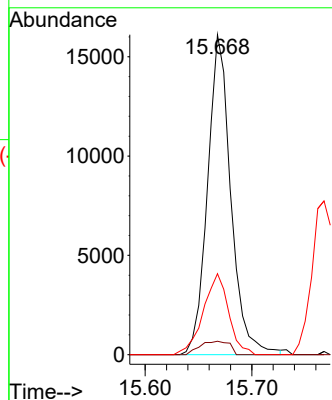
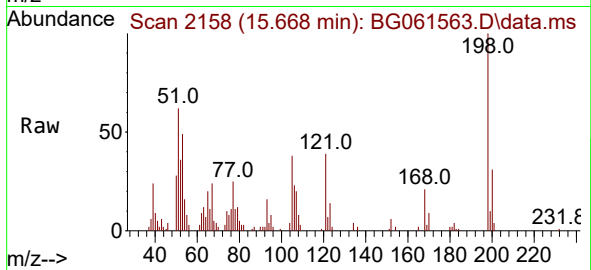




#66
4,6-Dinitro-2-methylphenol
Concen: 16.604 ng/ul
RT: 15.668 min Scan# 2158
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

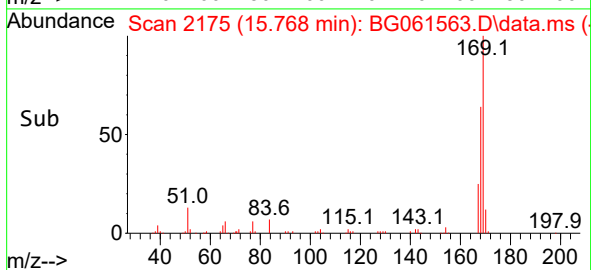
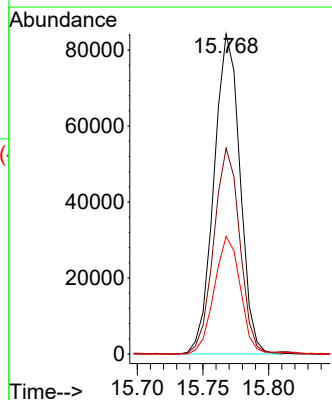
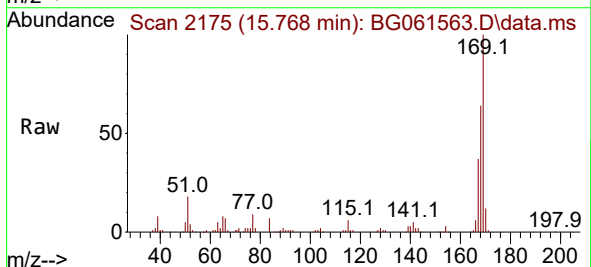
Instrument :
BNA_G
ClientSampleId :
SSTD020525

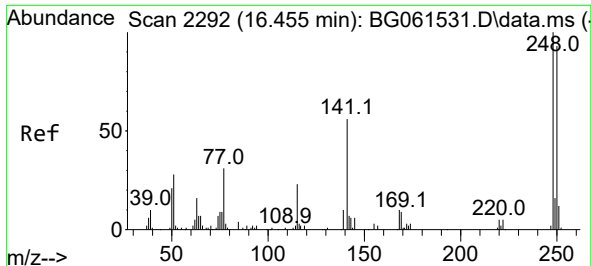
Tgt Ion:198 Resp: 24444
Ion Ratio Lower Upper
198 100
182 4.2 2.9 4.3
77 25.3 22.3 33.5



#67
N-Nitrosodiphenylamine
Concen: 19.889 ng/ul
RT: 15.768 min Scan# 2175
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:169 Resp: 116107
Ion Ratio Lower Upper
169 100
168 64.3 51.9 77.9
167 36.7 29.4 44.2

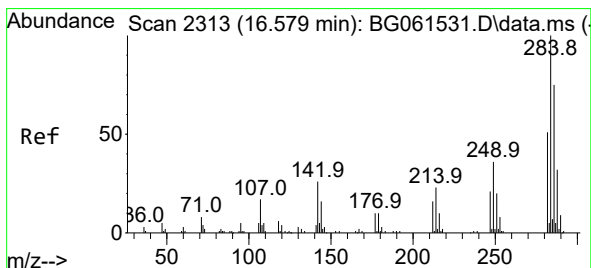
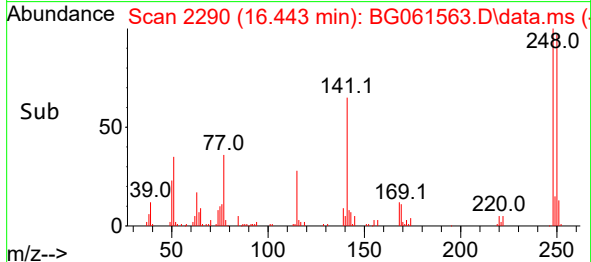
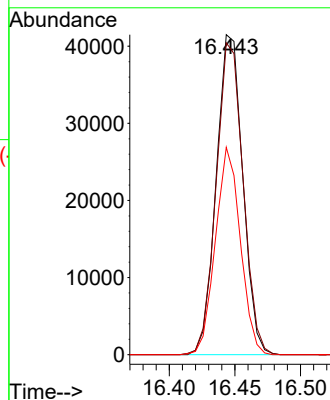
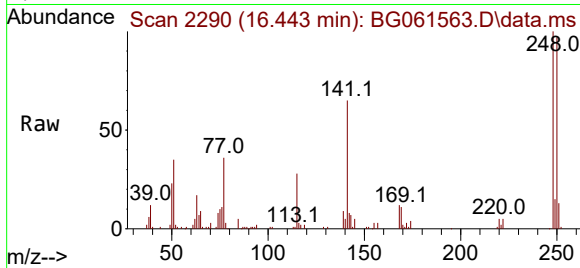




#68
4-Bromophenyl-phenylether
Concen: 21.167 ng/ul
RT: 16.443 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

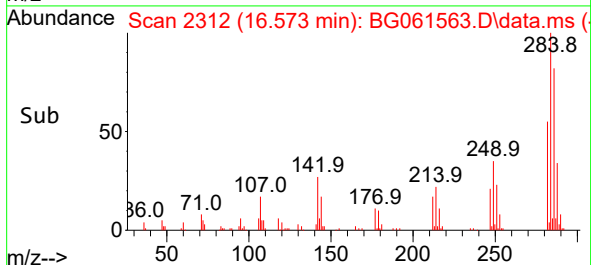
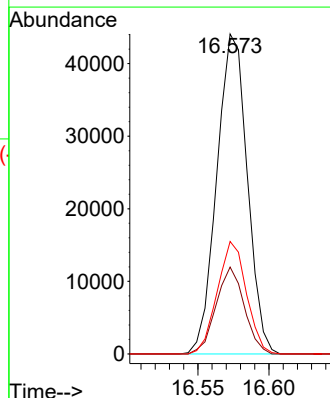
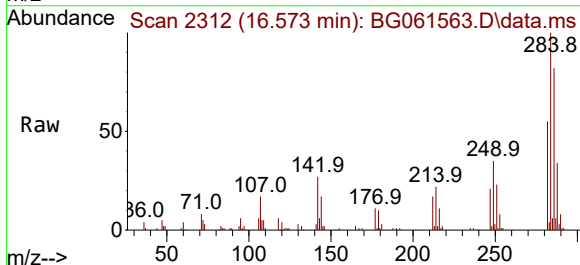
Instrument :
BNA_G
ClientSampleId :
SSTD020525

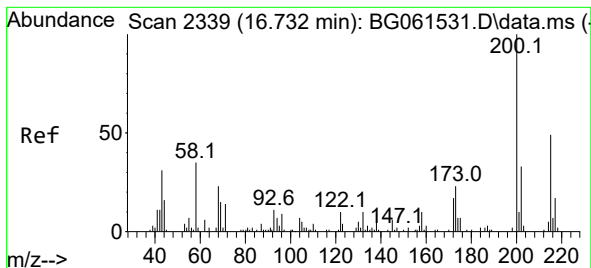
Tgt Ion:248 Resp: 58251
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.2
141 64.8 50.2 75.4



#69
Hexachlorobenzene
Concen: 21.492 ng/ul
RT: 16.573 min Scan# 2312
Delta R.T. -0.005 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:284 Resp: 65743
Ion Ratio Lower Upper
284 100
142 27.2 21.2 31.8
249 35.2 28.7 43.1





#70

Atrazine

Concen: 18.485 ng/ul

RT: 16.720 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

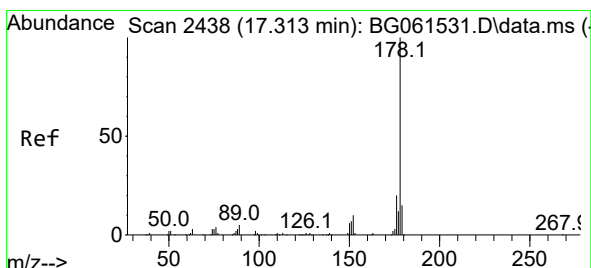
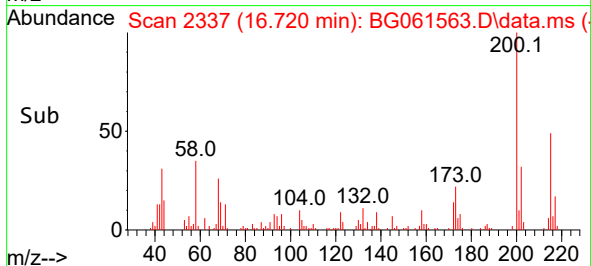
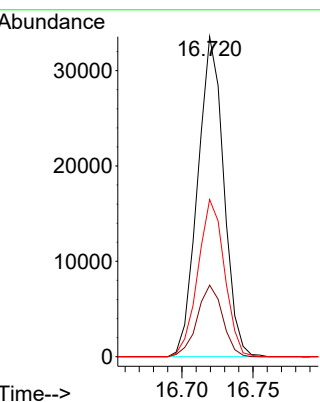
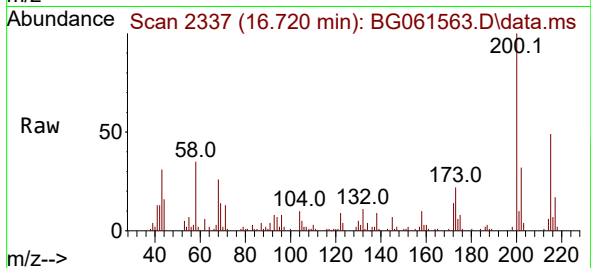
Tgt Ion:200 Resp: 42706

Ion Ratio Lower Upper

200 100

173 22.3 15.9 23.9

215 49.1 37.3 55.9



#72

Phenanthrene

Concen: 19.831 ng/ul

RT: 17.307 min Scan# 2437

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

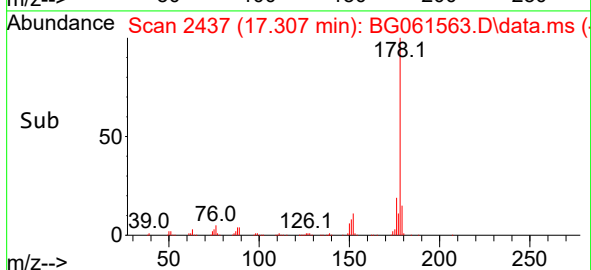
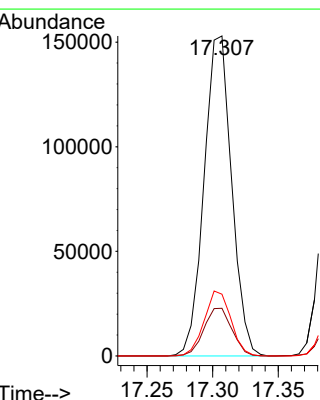
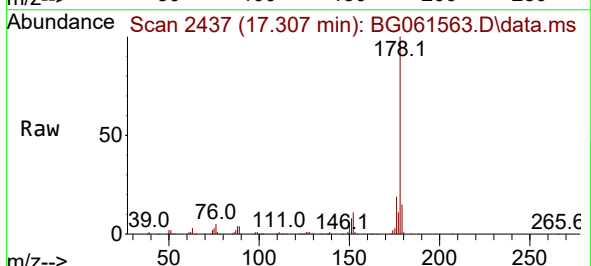
Tgt Ion:178 Resp: 223552

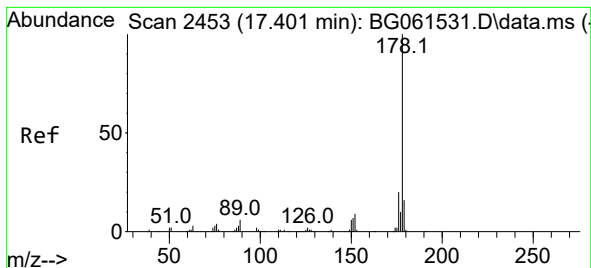
Ion Ratio Lower Upper

178 100

179 14.9 12.7 19.1

176 19.3 15.5 23.3





#74

Anthracene

Concen: 19.680 ng/uI

RT: 17.395 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

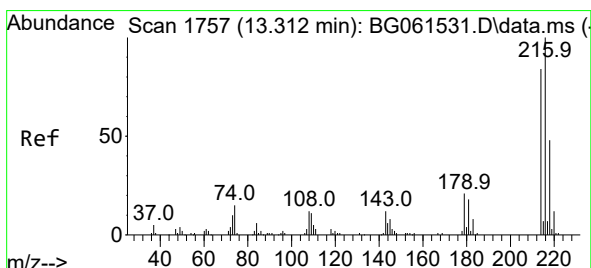
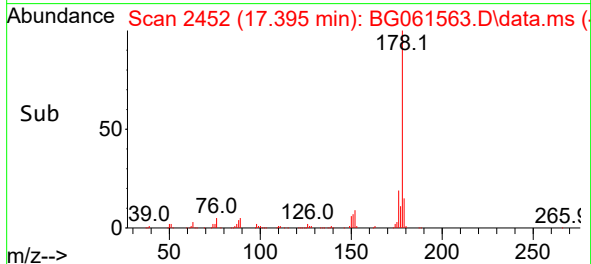
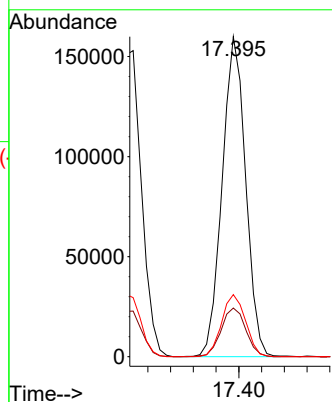
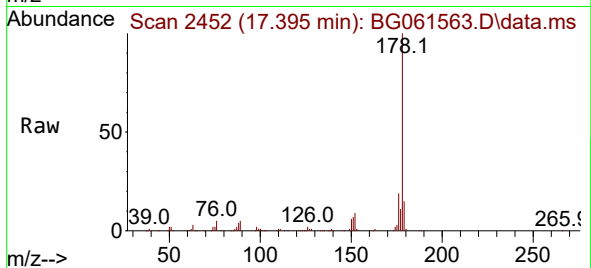
Tgt Ion:178 Resp: 229389

Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.6

176 19.4 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.012 ng/uI

RT: 13.312 min Scan# 1757

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

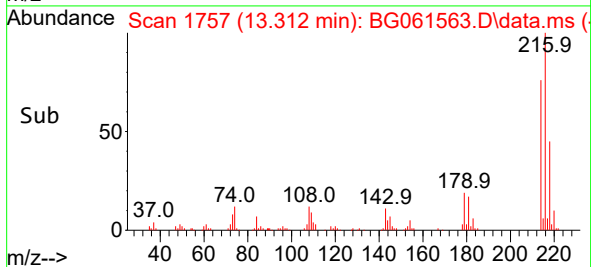
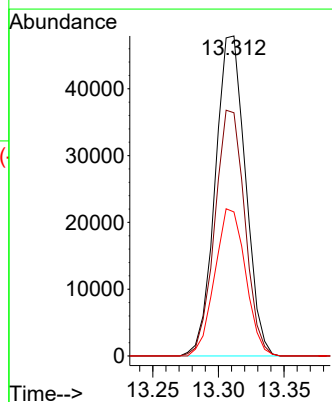
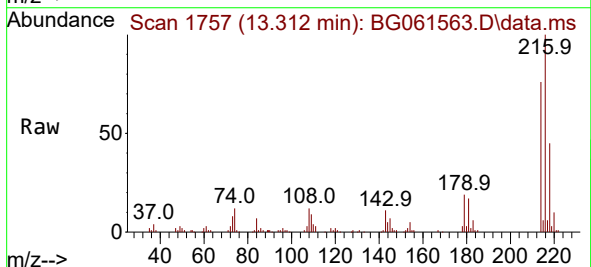
Tgt Ion:216 Resp: 76791

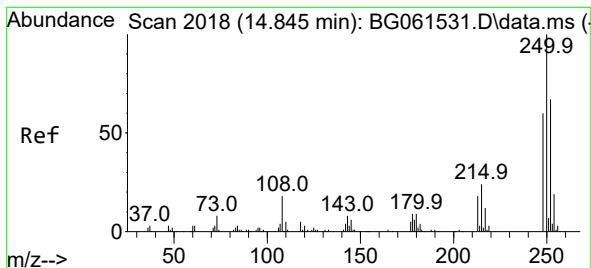
Ion Ratio Lower Upper

216 100

214 76.0 60.0 90.0

218 45.0 38.5 57.7





#76

Pentachlorobenzene

Concen: 22.753 ng/uL

RT: 14.833 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

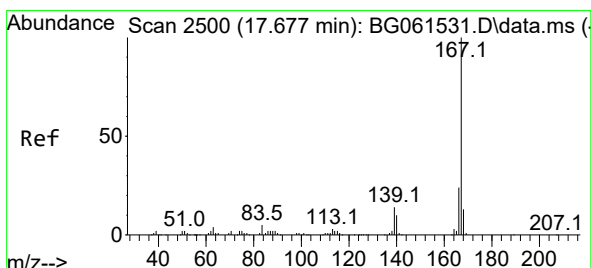
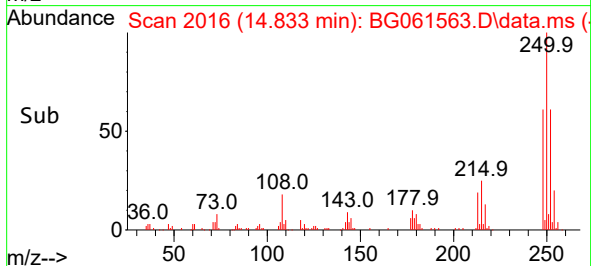
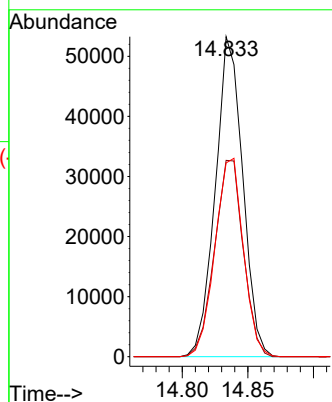
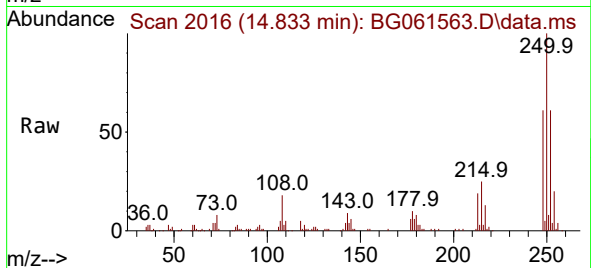
Tgt Ion:250 Resp: 77234

Ion Ratio Lower Upper

250 100

248 61.4 52.6 79.0

252 60.5 54.7 82.1



#77

Carbazole

Concen: 20.079 ng/uL

RT: 17.671 min Scan# 2499

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

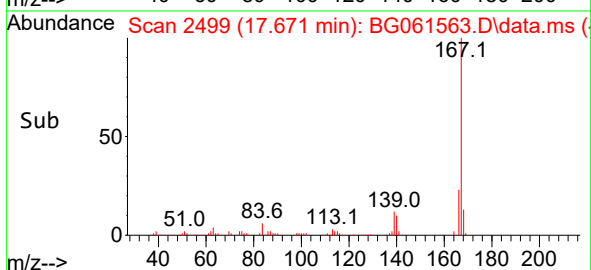
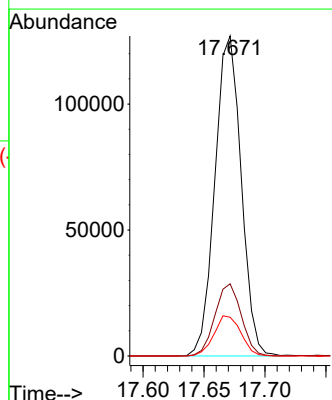
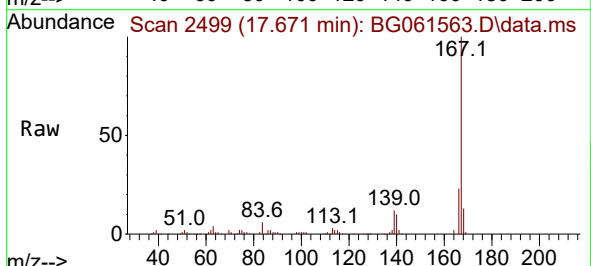
Tgt Ion:167 Resp: 190356

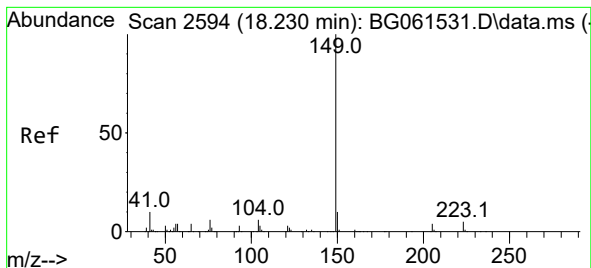
Ion Ratio Lower Upper

167 100

166 22.6 18.6 28.0

139 12.1 10.6 15.8





#78

Di-n-butylphthalate

Concen: 19.152 ng/ul

RT: 18.224 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

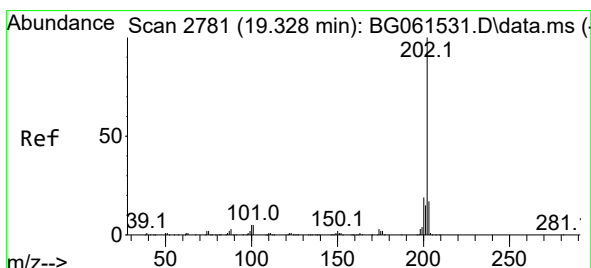
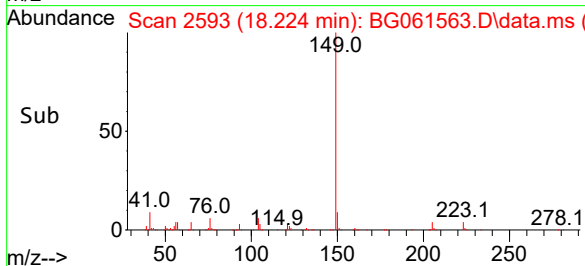
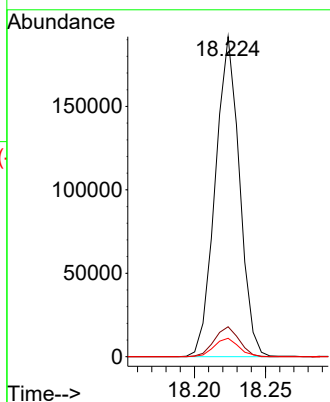
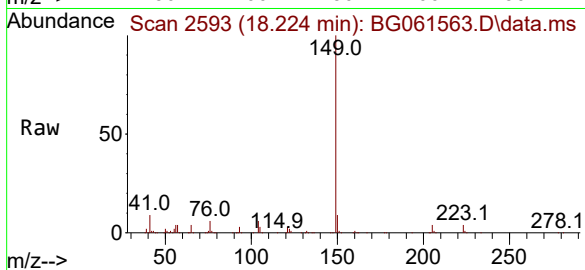
Tgt Ion:149 Resp: 227511

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

104 5.7 4.8 7.2



#80

Fluoranthene

Concen: 18.974 ng/ul

RT: 19.322 min Scan# 2780

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

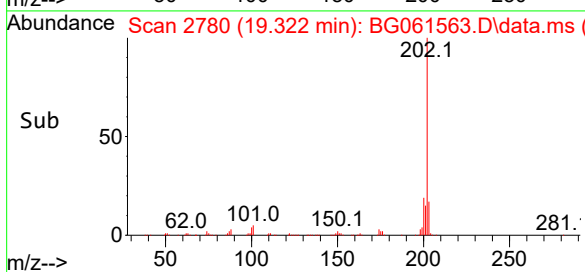
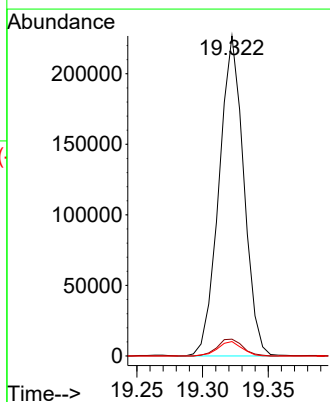
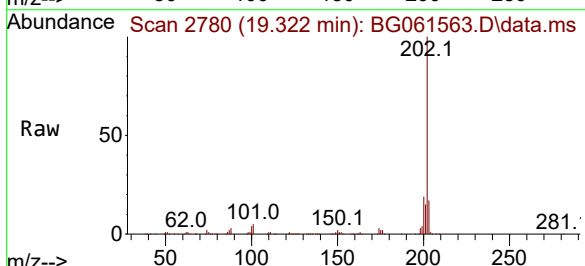
Tgt Ion:202 Resp: 298184

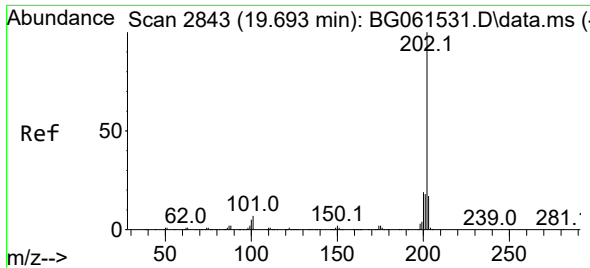
Ion Ratio Lower Upper

202 100

101 5.2 4.8 7.2

100 4.5 4.1 6.1

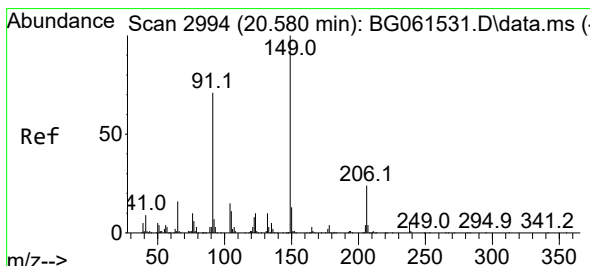
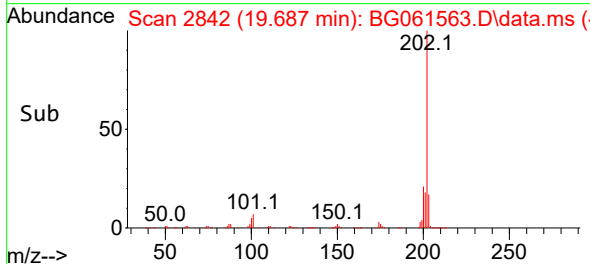
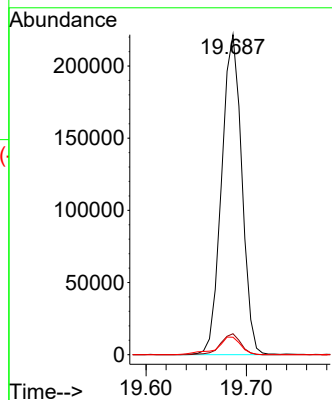
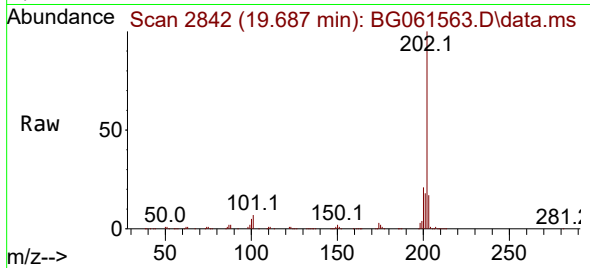




#82
 Pyrene
 Concen: 18.988 ng/ul
 RT: 19.687 min Scan# 2843
 Delta R.T. 0.001 min
 Lab File: BG061563.D
 Acq: 8 Jun 2024 13:27

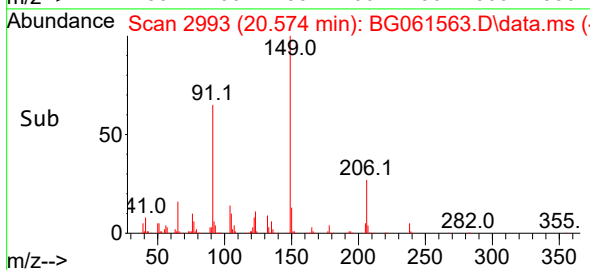
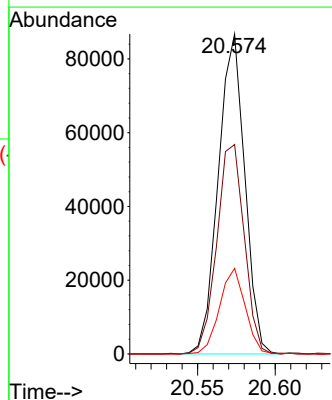
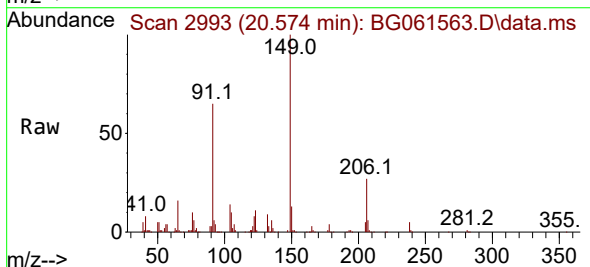
Instrument :
 BNA_G
 ClientSampleId :
 SST020525

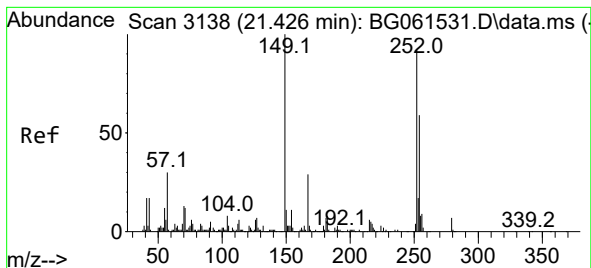
Tgt Ion:202 Resp: 309746
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.7 8.5
 100 5.4 5.1 7.7



#83
 Butylbenzylphthalate
 Concen: 18.404 ng/ul
 RT: 20.574 min Scan# 2993
 Delta R.T. 0.001 min
 Lab File: BG061563.D
 Acq: 8 Jun 2024 13:27

Tgt Ion:149 Resp: 103131
 Ion Ratio Lower Upper
 149 100
 91 65.5 54.8 82.2
 206 26.8 19.4 29.0





#84

3,3'-Dichlorobenzidine

Concen: 21.127 ng/ul

RT: 21.414 min Scan# 3136

Delta R.T. -0.005 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

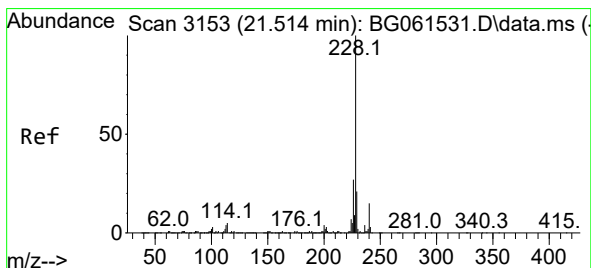
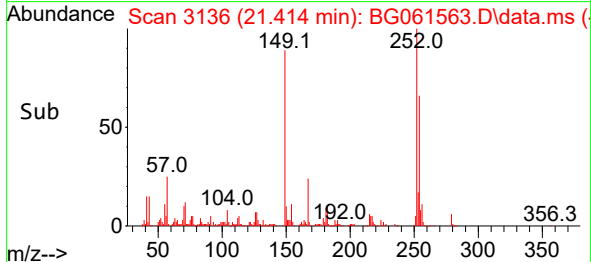
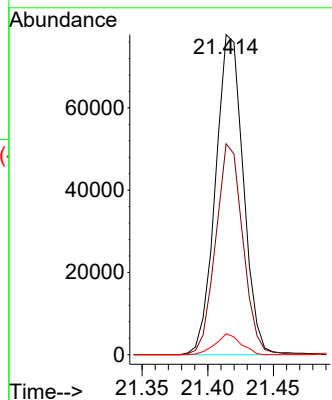
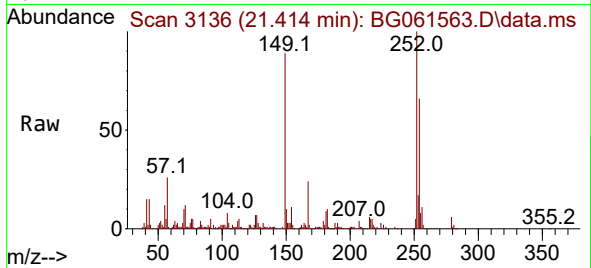
Tgt Ion:252 Resp: 114414

Ion Ratio Lower Upper

252 100

254 65.9 52.7 79.1

126 6.5 5.0 7.6



#85

Benzo(a)anthracene

Concen: 19.600 ng/ul

RT: 21.502 min Scan# 3151

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

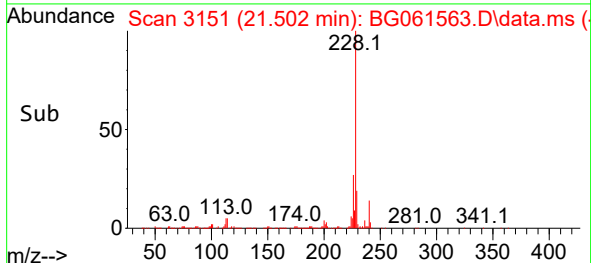
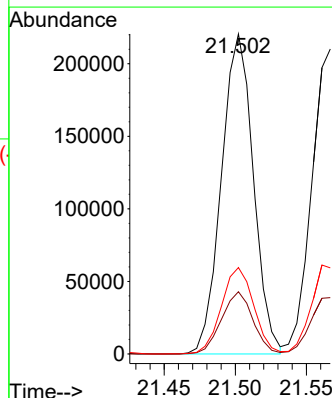
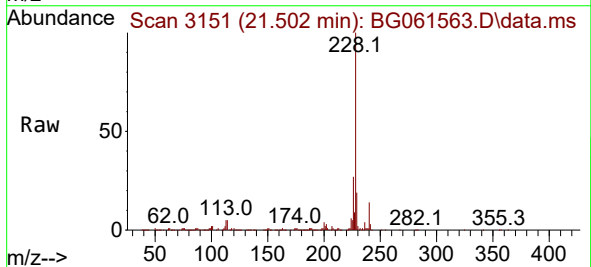
Tgt Ion:228 Resp: 345051

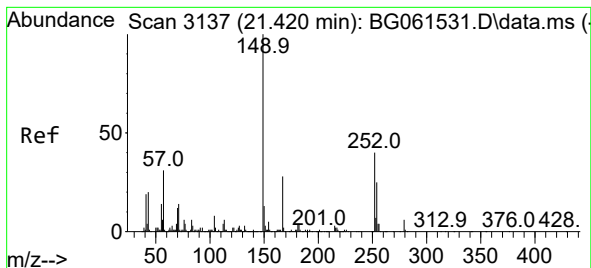
Ion Ratio Lower Upper

228 100

229 19.5 15.2 22.8

226 27.0 21.4 32.2

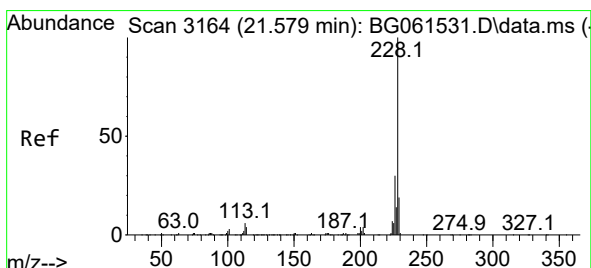
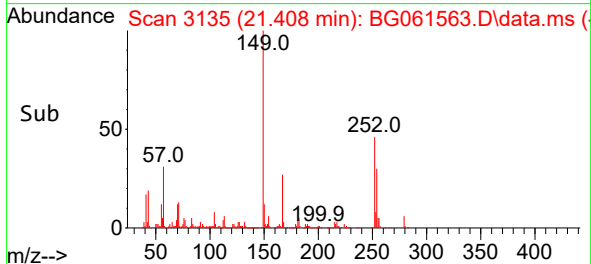
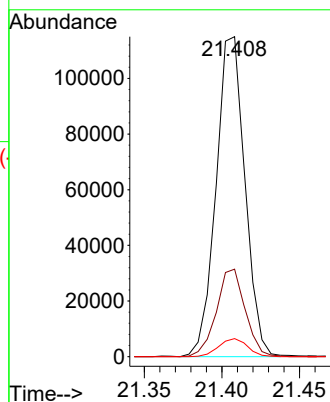
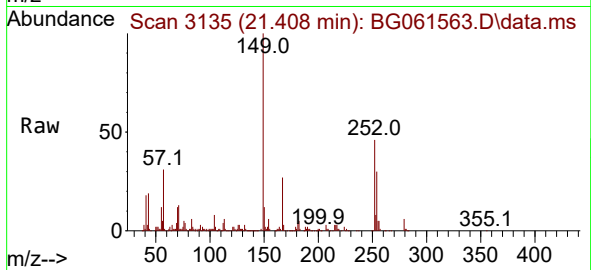




#86
Bis(2-ethylhexyl)phthalate
Concen: 17.965 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

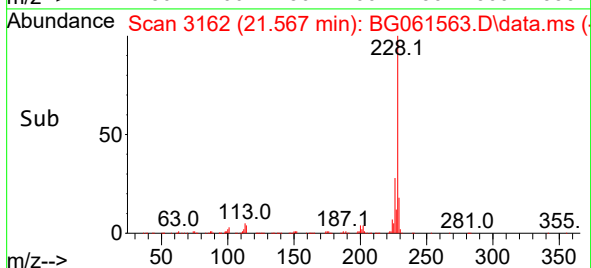
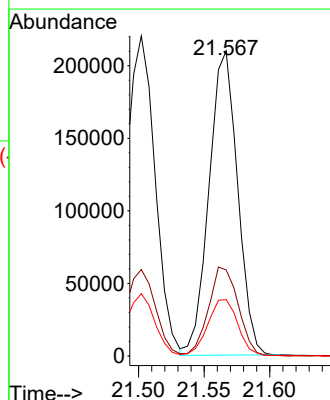
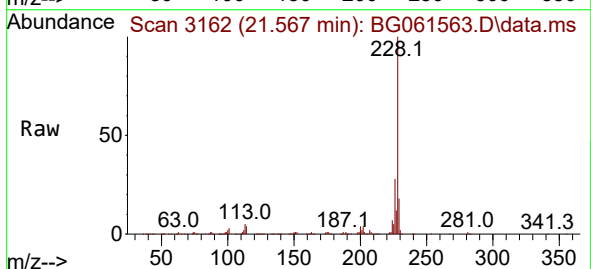
Instrument :
BNA_G
ClientSampleId :
SSTD020525

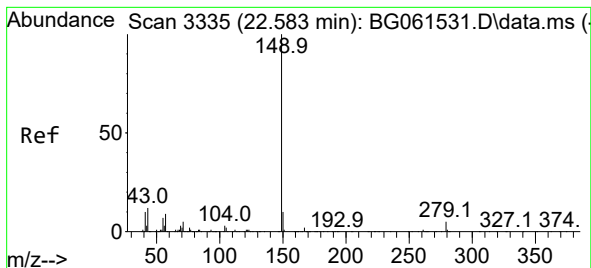
Tgt Ion:149 Resp: 149013
Ion Ratio Lower Upper
149 100
167 27.4 21.1 31.7
279 5.7 3.3 4.9#



#87
Chrysene
Concen: 19.606 ng/ul
RT: 21.567 min Scan# 3162
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:228 Resp: 317814
Ion Ratio Lower Upper
228 100
226 28.2 23.4 35.0
229 18.5 15.4 23.2





#89

Di-n-octyl phthalate

Concen: 17.924 ng/ul

RT: 22.566 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

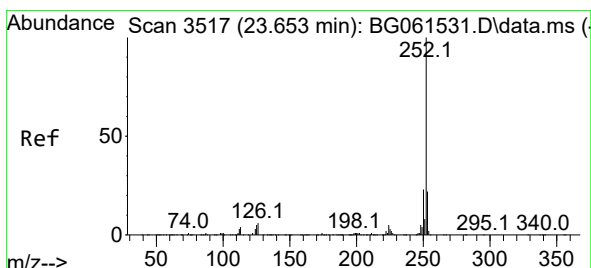
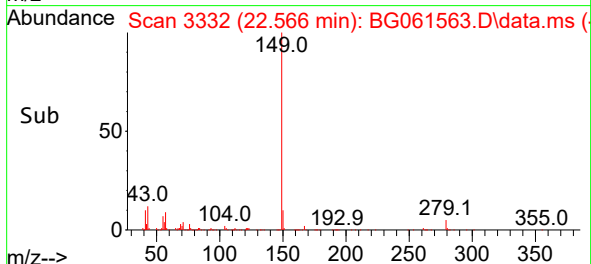
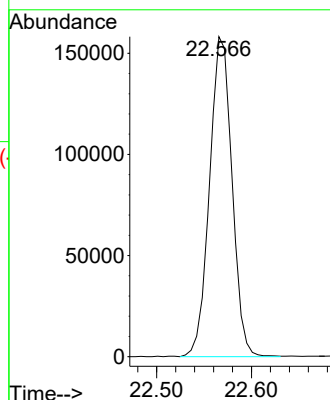
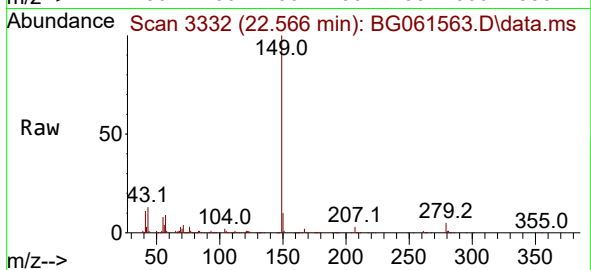
Instrument :

BNA_G

ClientSampleId :

SSTD020525

Tgt Ion:149 Resp: 260925



#90

Benzo(b)fluoranthene

Concen: 19.330 ng/ul

RT: 23.700 min Scan# 3525

Delta R.T. 0.065 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

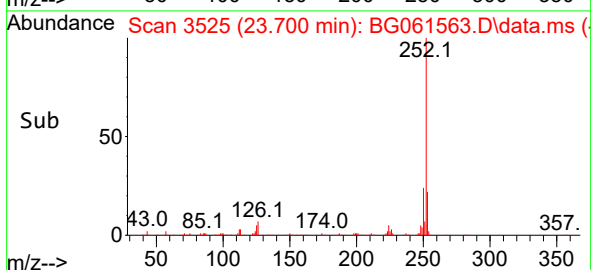
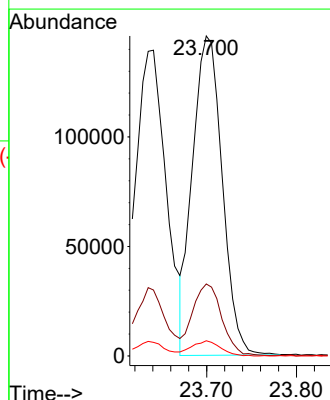
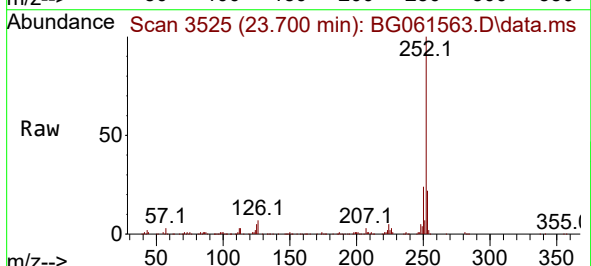
Tgt Ion:252 Resp: 334875

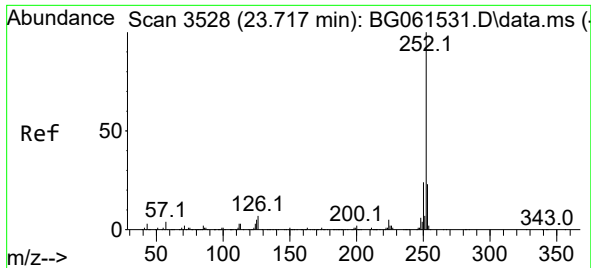
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 4.7 4.6 6.8

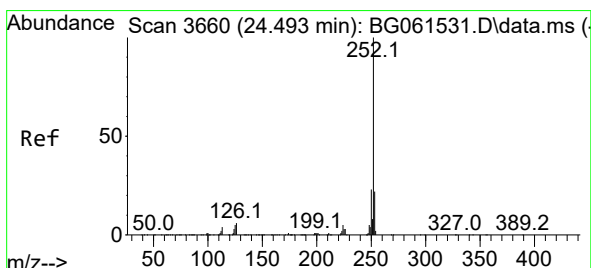
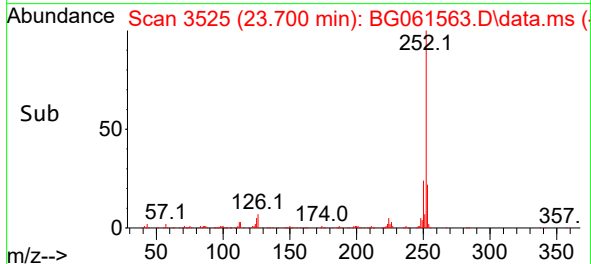
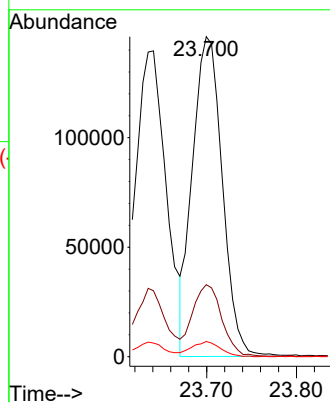
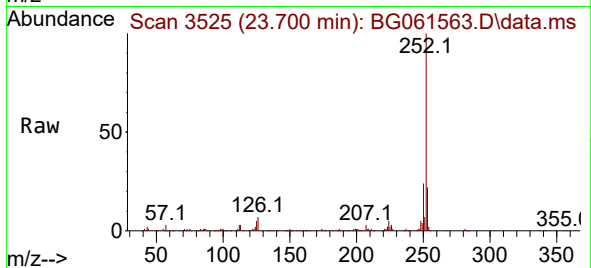




#91
Benzo(k)fluoranthene
Concen: 19.128 ng/ul
RT: 23.700 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

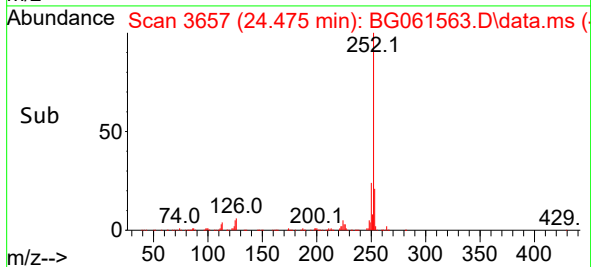
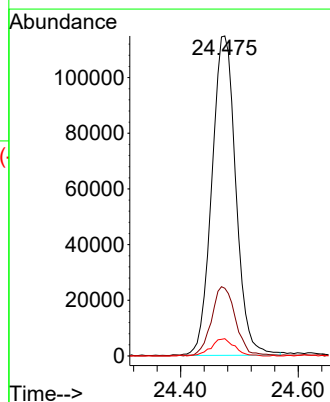
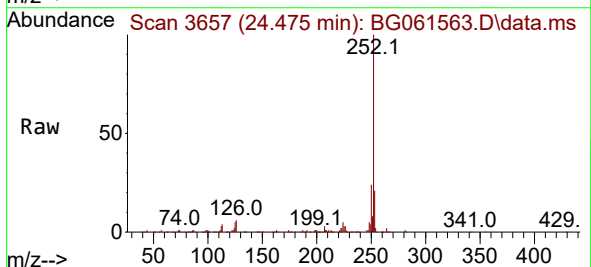
Instrument :
BNA_G
ClientSampleId :
SSTD020525

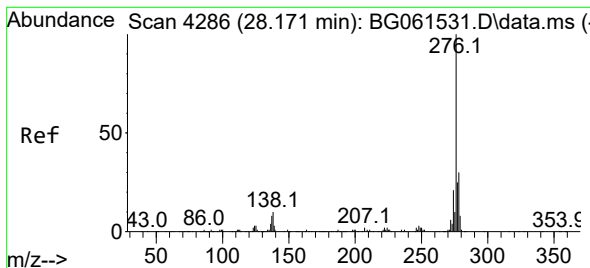
Tgt Ion:252 Resp: 336412
Ion Ratio Lower Upper
252 100
253 22.5 16.0 24.0
125 4.7 4.3 6.5



#93
Benzo(a)pyrene
Concen: 19.731 ng/ul
RT: 24.475 min Scan# 3657
Delta R.T. 0.007 min
Lab File: BG061563.D
Acq: 8 Jun 2024 13:27

Tgt Ion:252 Resp: 324589
Ion Ratio Lower Upper
252 100
253 21.1 16.4 24.6
125 5.4 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 17.736 ng/ul

RT: 28.141 min Scan# 41

Delta R.T. 0.007 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

Instrument :

BNA_G

ClientSampleId :

SSTD020525

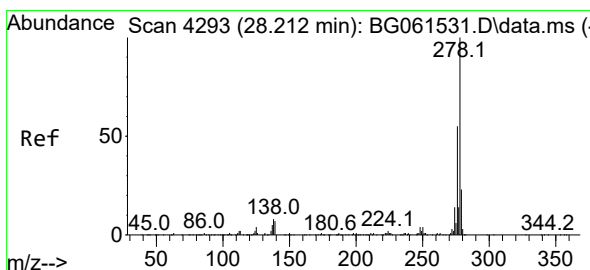
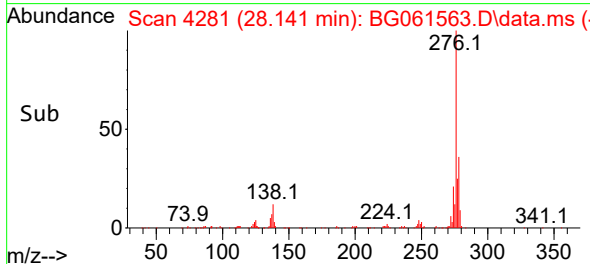
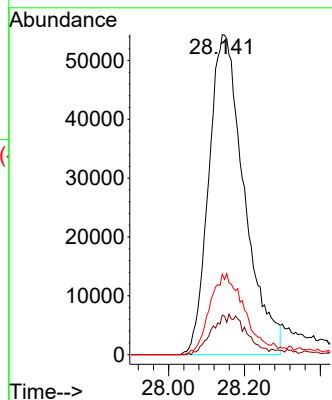
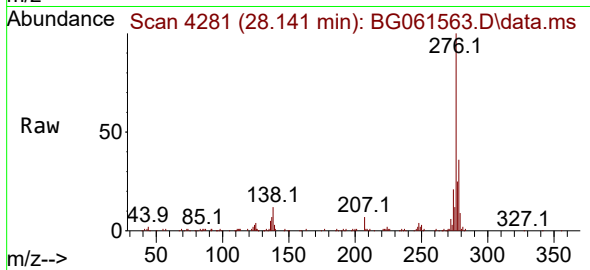
Tgt Ion:276 Resp: 352828

Ion Ratio Lower Upper

276 100

138 12.4 8.6 13.0

277 25.1 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 8.312 ng/ul

RT: 28.177 min Scan# 4287

Delta R.T. 0.007 min

Lab File: BG061563.D

Acq: 8 Jun 2024 13:27

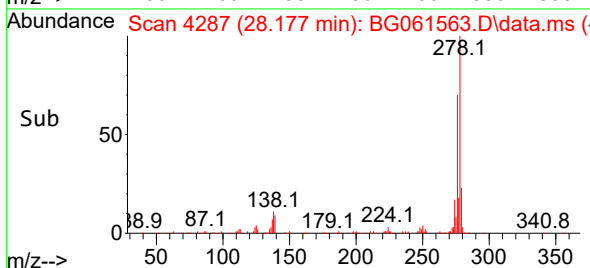
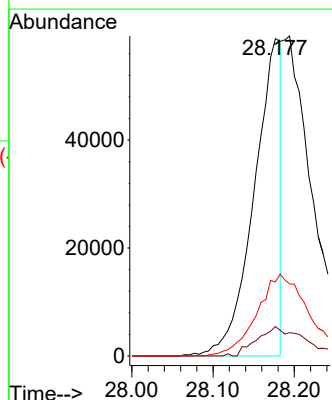
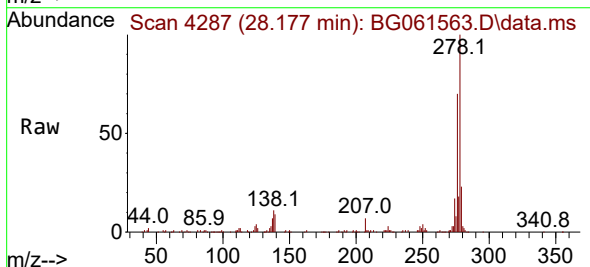
Tgt Ion:278 Resp: 136340

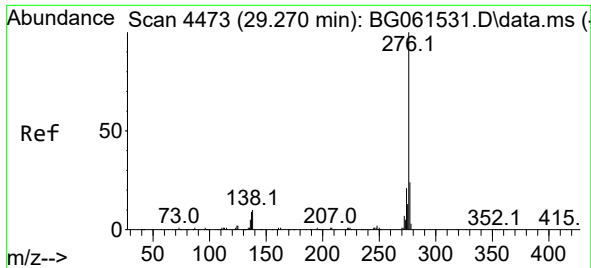
Ion Ratio Lower Upper

278 100

139 9.3 6.4 9.6

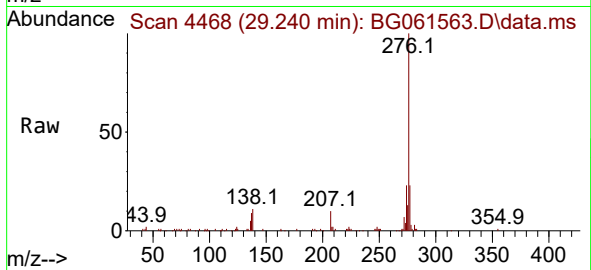
279 23.3 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 15.727 ng/ul
 RT: 29.240 min Scan# 44
 Delta R.T. 0.018 min
 Lab File: BG061563.D
 Acq: 8 Jun 2024 13:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020525



Tgt Ion:276 Resp: 248900

Ion	Ratio	Lower	Upper
276	100		
138	11.2	8.7	13.1
277	23.2	18.2	27.2

