

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073124\
 Data File : BG062229.D
 Acq On : 31 Jul 2024 22:29
 Operator : MA/JU
 Sample : PB162406BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS406

Quant Time: Aug 01 04:05:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG073124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 01 03:46:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	44354	20.000	ng/u1	0.00
20) Naphthalene-d8	10.777	136	206074	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.596	164	158518	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	369152	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	369229	20.000	ng/u1	0.00
88) Perylene-d12	24.700	264	404452	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	6006	5.763	ng/uL	0.00
4) Pyridine-d5	3.840	84	75998	23.878	ng/u1	0.00
7) Phenol-d5	7.129	99	114445	26.962	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.306	67	66248	25.307	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	80729	28.276	ng/u1	0.00
15) 4-Methylphenol-d8	8.674	113	93476	26.459	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	34262	40.085	ng/u1	0.00
24) 2-Nitrophenol-d4	9.849	143	34669	43.296	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.390	165	93327	31.127	ng/u1	0.00
31) 4-Chloroaniline-d4	10.901	131	125129	24.666	ng/u1	0.00
46) Dimethylphthalate-d6	14.008	166	326119	27.299	ng/u1	0.00
49) Acenaphthylene-d8	14.290	160	354585	26.887	ng/u1	0.00
54) 4-Nitrophenol-d4	14.778	143	53254	37.143	ng/u1	0.00
60) Fluorene-d10	15.589	176	289899	27.311	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.700	200	35648	40.738	ng/u1	0.00
73) Anthracene-d10	17.439	188	470116	27.635	ng/u1	0.00
81) Pyrene-d10	19.718	212	593291	28.711	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.488	264	564720	28.560	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	11034	8.584	ng/uL#	90
5) Pyridine	3.863	79	81168	23.917	ng/u1	93
6) Benzaldehyde	7.118	77	59014	25.757	ng/u1	97
8) Phenol	7.159	94	120183	27.450	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.400	93	84153	25.474	ng/u1	95
12) 2-Chlorophenol	7.541	128	85418	28.801	ng/u1	97
13) 2-Methylphenol	8.410	108	90572	26.797	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.510	45	185776	26.428	ng/u1#	95
16) Acetophenone	8.798	105	149605	26.075	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.786	70	81897	25.910	ng/u1#	95
18) 4-Methylphenol	8.739	108	101729	27.325	ng/u1	99
19) Hexachloroethane	9.062	117	33958	28.763	ng/u1	93
22) Nitrobenzene	9.174	77	101430	39.614	ng/u1	96
23) Isophorone	9.702	82	235568	25.890	ng/u1	98
25) 2-Nitrophenol	9.885	139	42952	46.305	ng/u1	94
26) 2,4-Dimethylphenol	9.943	107	96341	23.834	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.184	93	131749	26.756	ng/u1	99
29) 2,4-Dichlorophenol	10.419	162	94729	31.658	ng/u1	98
30) Naphthalene	10.824	128	308476	26.936	ng/u1	99
32) 4-Chloroaniline	10.924	127	113220	23.229	ng/u1	95
33) Hexachlorobutadiene	11.118	225	66039	27.879	ng/u1	96
34) Caprolactam	11.670	113	16744	13.135	ng/u1	88
35) 4-Chloro-3-methylphenol	12.040	107	112183	28.835	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	211272	26.101	ng/u1	99

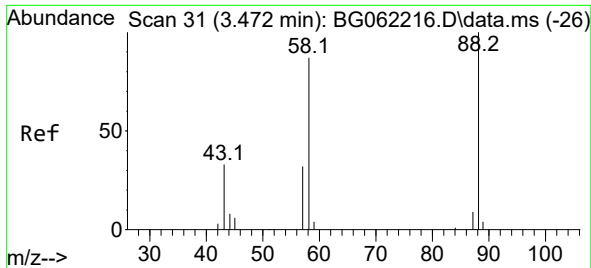
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	219795	26.346	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	129259	27.553	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	65416	26.852	ng/ul	95
41) 2,4,6-Trichlorophenol	13.027	196	70596	30.453	ng/ul	98
42) 2,4,5-Trichlorophenol	13.098	196	79346	30.268	ng/ul	95
43) 1,1'-Biphenyl	13.439	154	302276	26.434	ng/ul	98
44) 2-Chloronaphthalene	13.474	162	238200	26.561	ng/ul	100
45) 2-Nitroaniline	13.668	65	68821	43.404	ng/ul	92
47) Dimethylphthalate	14.055	163	331036	26.704	ng/ul	99
48) 2,6-Dinitrotoluene	14.167	165	50307	43.079	ng/ul	93
50) Acenaphthylene	14.320	152	394538	26.517	ng/ul	99
51) 3-Nitroaniline	14.490	138	53439	36.710	ng/ul#	85
52) Acenaphthene	14.660	153	278803	26.514	ng/ul	100
53) 2,4-Dinitrophenol	14.690	184	21780	35.599	ng/ul	95
55) 4-Nitrophenol	14.790	109	48690	35.115	ng/ul	92
56) Dibenzofuran	14.995	168	398001	27.315	ng/ul	98
57) 2,4-Dinitrotoluene	14.948	165	75475	47.309	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.218	232	69091	27.691	ng/ul	97
59) Diethylphthalate	15.430	149	340799	26.816	ng/ul	99
61) Fluorene	15.647	166	312501	26.637	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.641	204	158012	26.611	ng/ul	98
63) 4-Nitroaniline	15.653	138	62879	38.854	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.712	198	40654	41.483	ng/ul#	98
67) N-Nitrosodiphenylamine	15.853	169	291179	28.346	ng/ul	97
68) 4-Bromophenyl-phenylether	16.534	248	108745	27.505	ng/ul	97
69) Hexachlorobenzene	16.646	284	120931	28.294	ng/ul	99
70) Atrazine	16.799	200	15683	3.967	ng/ul	99
71) Pentachlorophenol	16.981	266	56776	20.900	ng/ul	97
72) Phenanthrene	17.380	178	559145	28.074	ng/ul	98
74) Anthracene	17.474	178	564503	27.381	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.397	216	130288	28.614	ng/ul	98
76) Pentachlorobenzene	14.919	250	136752	28.401	ng/ul	97
77) Carbazole	17.733	167	497452	29.401	ng/ul	99
78) Di-n-butylphthalate	18.320	149	608459	28.998	ng/ul	99
80) Fluoranthene	19.389	202	676162	27.939	ng/ul	98
82) Pyrene	19.748	202	720686	28.567	ng/ul	98
83) Butylbenzylphthalate	20.652	149	264217	31.211	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	239354	29.815	ng/ul	97
85) Benzo(a)anthracene	21.569	228	732240	27.909	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.516	149	395176	29.862	ng/ul	98
87) Chrysene	21.633	228	696233	28.394	ng/ul	99
89) Di-n-octyl phthalate	22.708	149	673840	29.675	ng/ul	100
90) Benzo(b)fluoranthene	23.719	252	701872	27.894	ng/ul	99
91) Benzo(k)fluoranthene	23.783	252	720570	28.807	ng/ul	99
93) Benzo(a)pyrene	24.559	252	638529	26.833	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.224	276	805274	28.781	ng/ul	99
95) Dibenzo(a,h)anthracene	28.295	278	658108	28.053	ng/ul	99
96) Benzo(g,h,i)perylene	29.323	276	627203	27.926	ng/ul	98

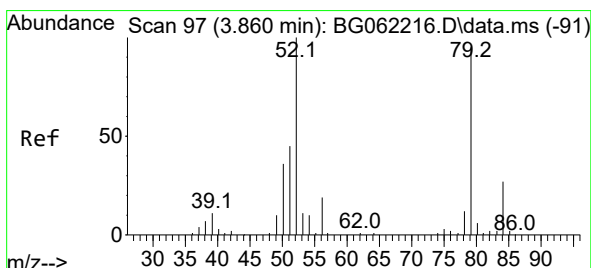
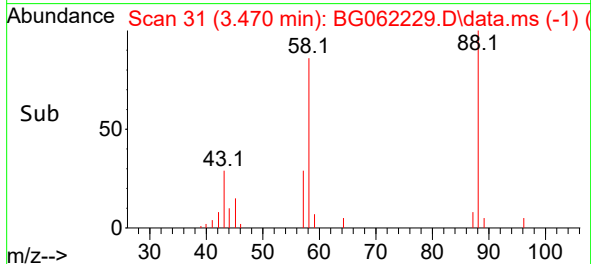
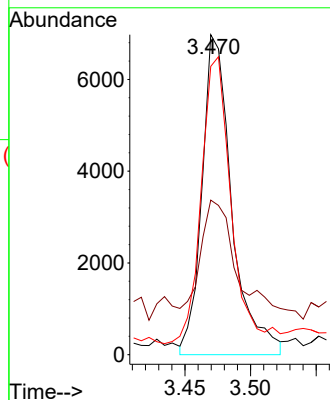
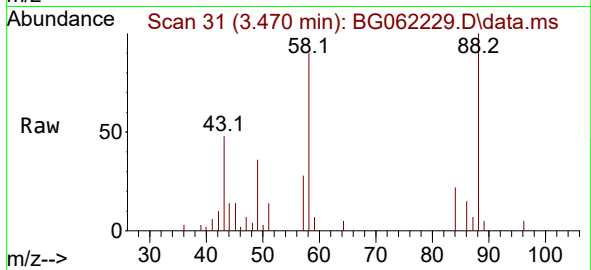
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#2
1,4-Dioxane
Concen: 8.584 ng/uL
RT: 3.470 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

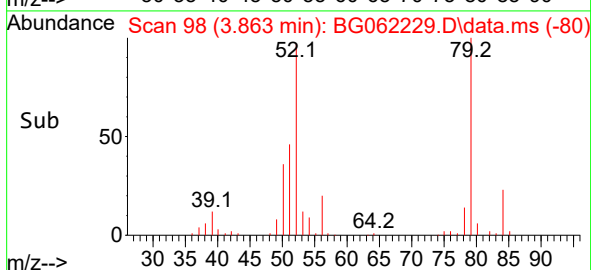
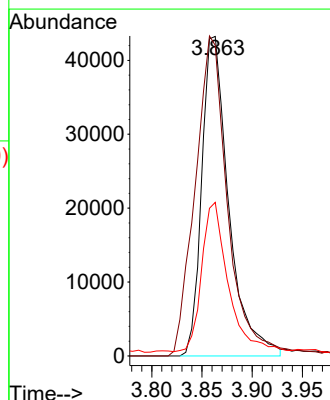
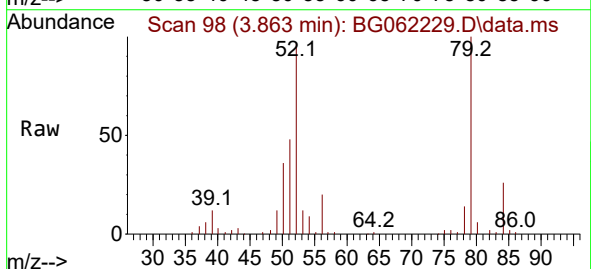
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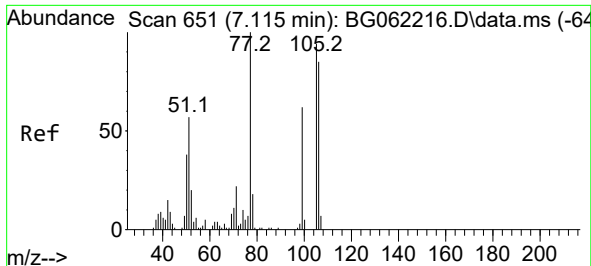
Tgt Ion: 88 Resp: 11034
Ion Ratio Lower Upper
88 100
43 48.3 26.4 39.6#
58 90.1 69.7 104.5



#5
Pyridine
Concen: 23.917 ng/uL
RT: 3.863 min Scan# 98
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion: 79 Resp: 81168
Ion Ratio Lower Upper
79 100
52 97.3 85.8 128.8
51 48.1 39.6 59.4

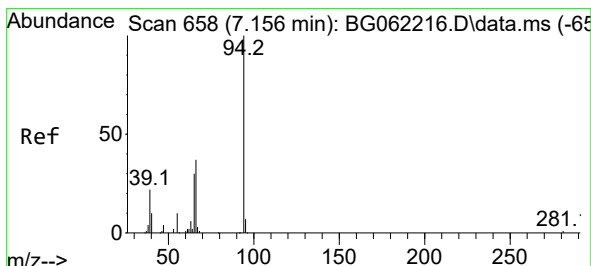
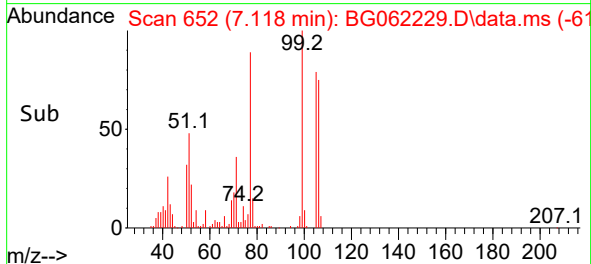
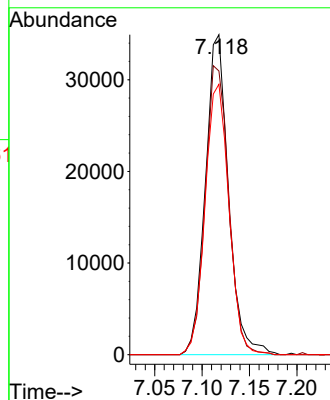
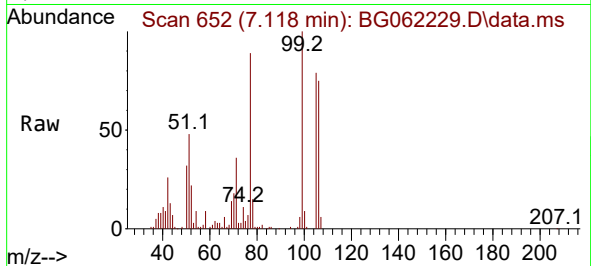




#6
Benzaldehyde
Concen: 25.757 ng/ul
RT: 7.118 min Scan# 611
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

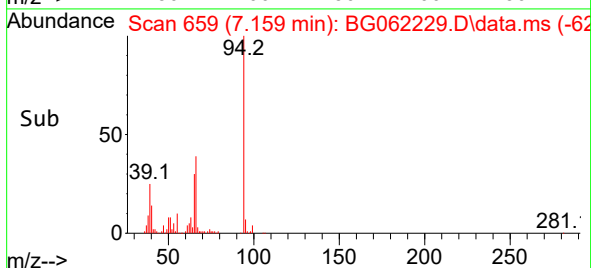
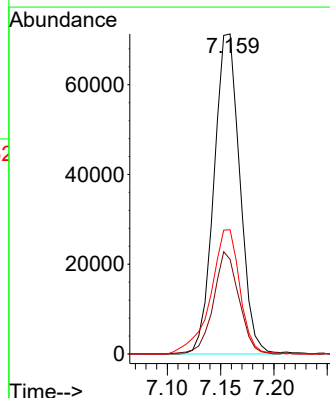
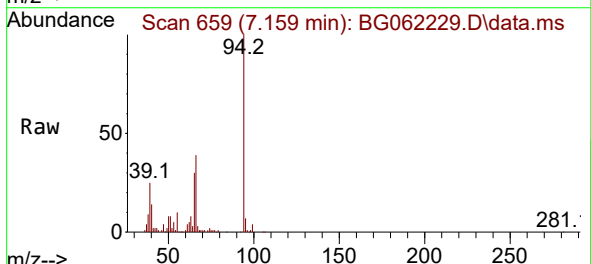
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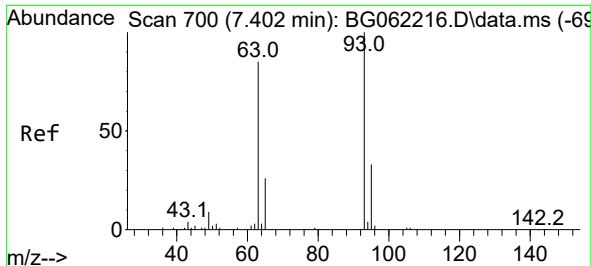
Tgt Ion: 77 Resp: 59014
Ion Ratio Lower Upper
77 100
105 88.6 75.0 112.6
106 84.5 68.2 102.4



#8
Phenol
Concen: 27.450 ng/ul
RT: 7.159 min Scan# 659
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion: 94 Resp: 120183
Ion Ratio Lower Upper
94 100
65 29.6 24.5 36.7
66 38.8 30.8 46.2

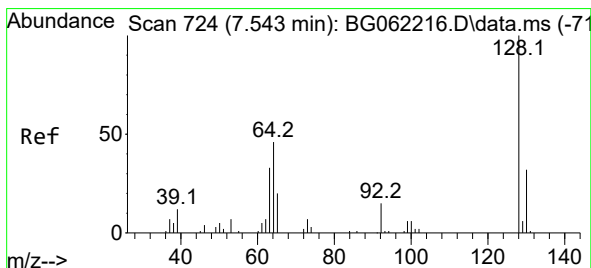
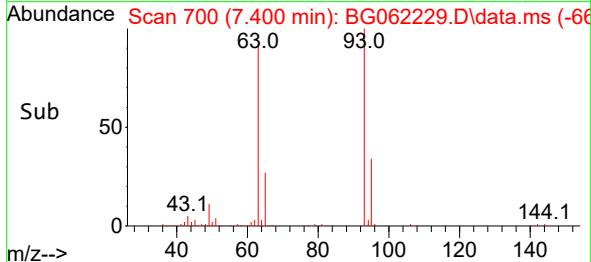
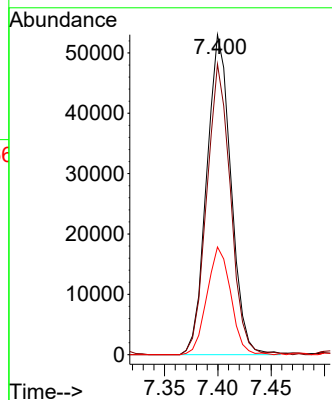
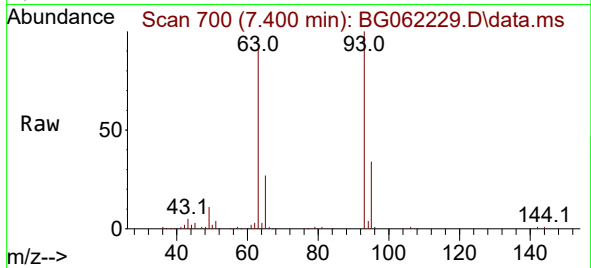




#10
Bis(2-Chloroethyl)ether
Concen: 25.474 ng/ul
RT: 7.400 min Scan# 700
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

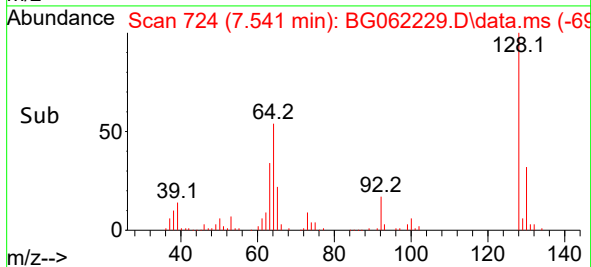
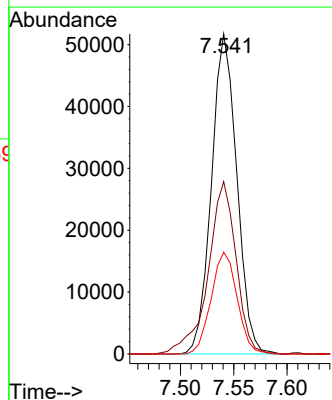
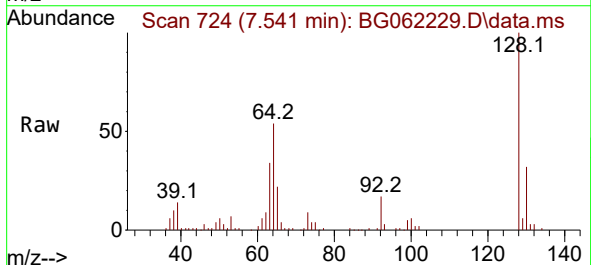
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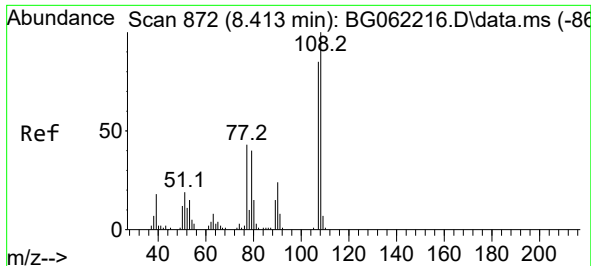
Tgt Ion: 93	Resp: 84153
Ion Ratio	Lower Upper
93	100
63	90.8 68.0 102.0
95	33.7 26.4 39.6



#12
2-Chlorophenol
Concen: 28.801 ng/ul
RT: 7.541 min Scan# 724
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion: 128	Resp: 85418
Ion Ratio	Lower Upper
128	100
64	53.8 40.6 61.0
130	31.8 25.5 38.3





#13

2-Methylphenol

Concen: 26.797 ng/ul

RT: 8.410 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Instrument :

BNA_G

ClientSampleId :

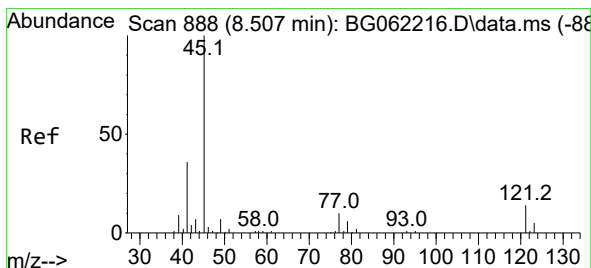
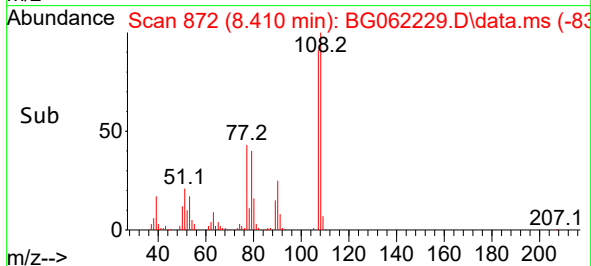
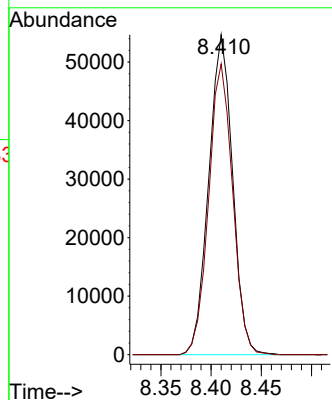
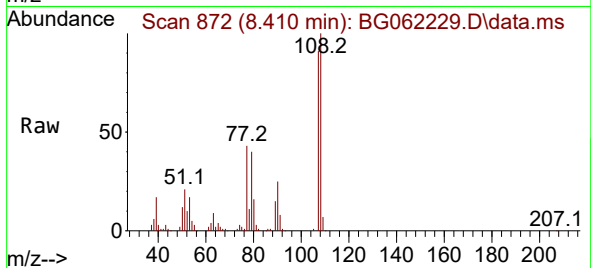
SLCS406

Tgt Ion:108 Resp: 90572

Ion Ratio Lower Upper

108 100

107 90.9 68.2 102.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 26.428 ng/ul

RT: 8.510 min Scan# 889

Delta R.T. 0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

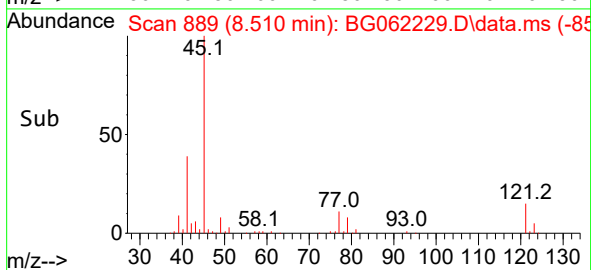
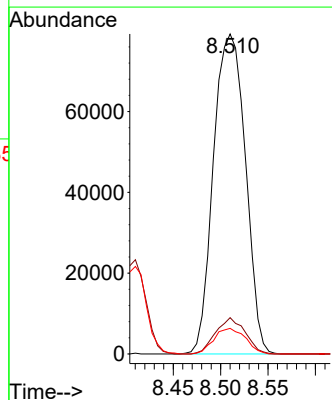
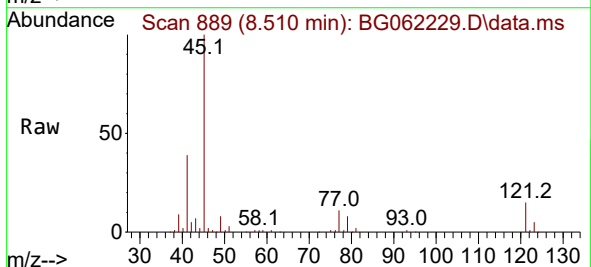
Tgt Ion: 45 Resp: 185776

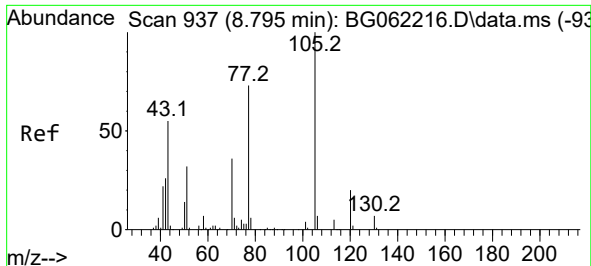
Ion Ratio Lower Upper

45 100

77 11.4 7.8 11.6

79 8.0 5.1 7.7#

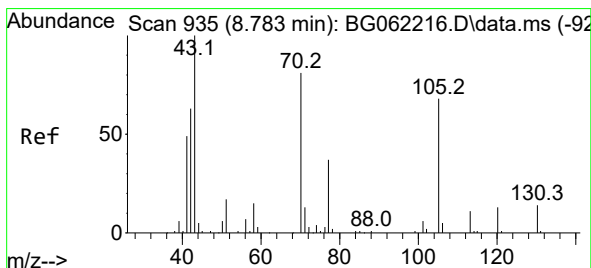
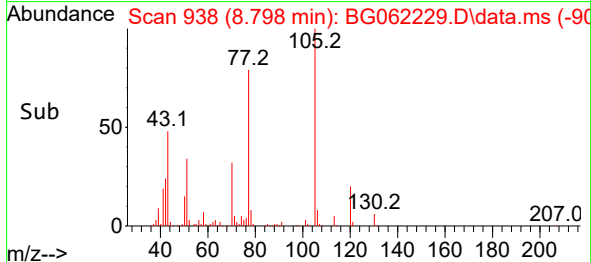
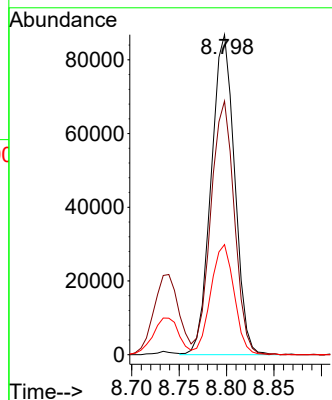
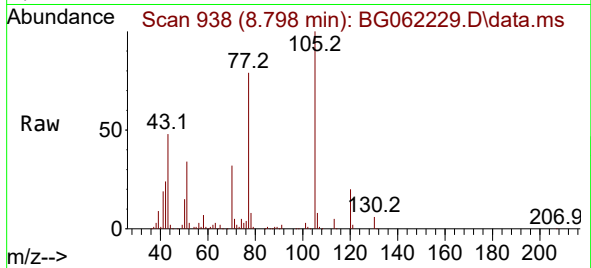




#16
Acetophenone
Concen: 26.075 ng/ul
RT: 8.798 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

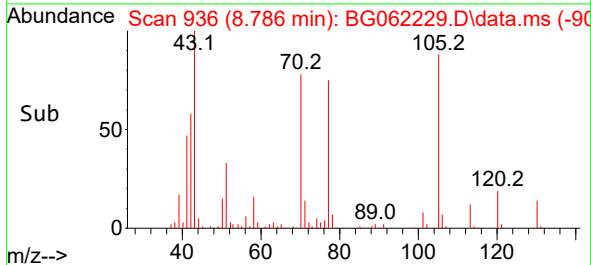
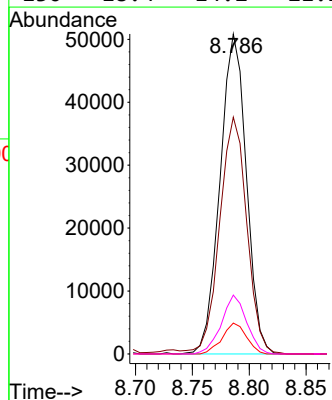
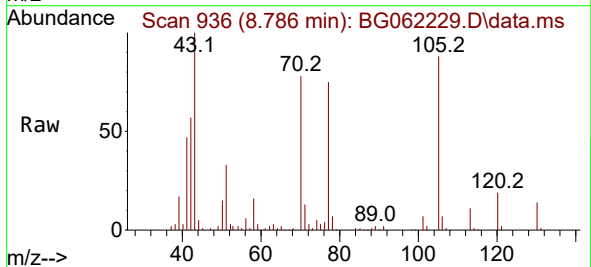
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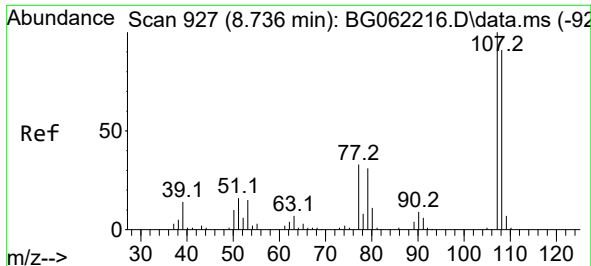
Tgt Ion:105 Resp: 149605
Ion Ratio Lower Upper
105 100
77 79.3 64.8 97.2
51 34.4 28.6 42.8



#17
N-Nitroso-di-n-propylamine
Concen: 25.910 ng/ul
RT: 8.786 min Scan# 936
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion: 70 Resp: 81897
Ion Ratio Lower Upper
70 100
42 74.0 62.9 94.3
101 9.6 5.9 8.9#
130 18.4 14.2 21.2

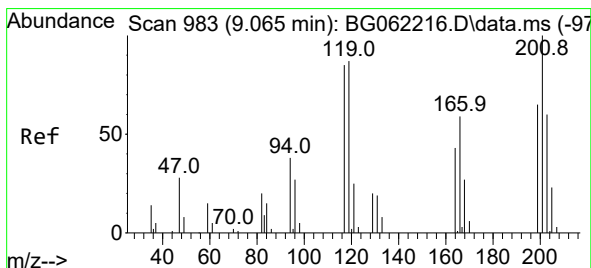
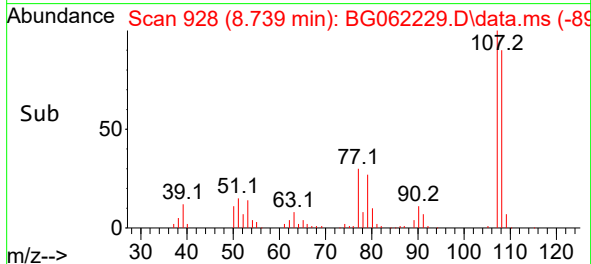
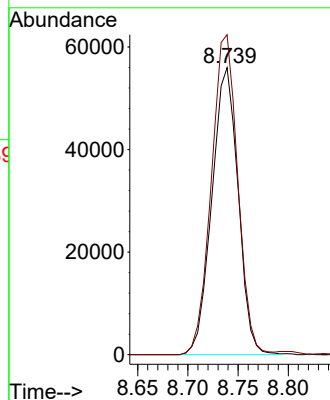
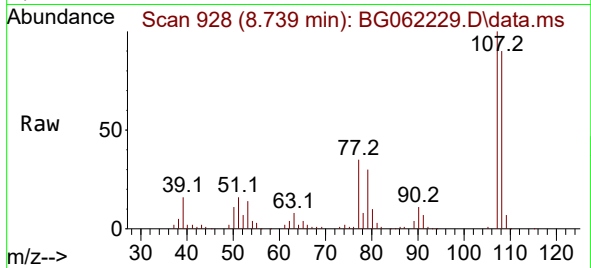




#18
4-Methylphenol
Concen: 27.325 ng/ul
RT: 8.739 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

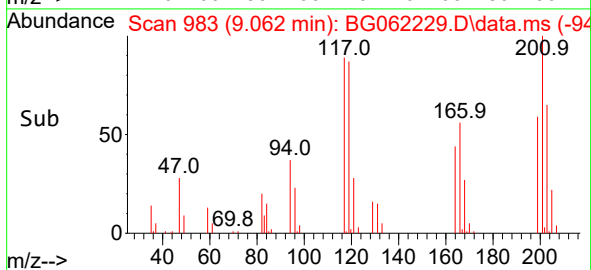
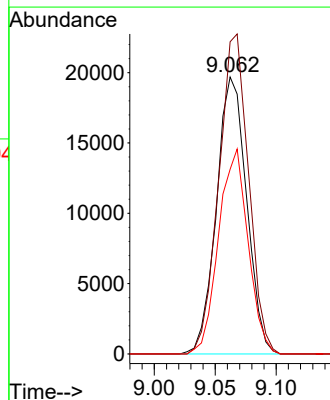
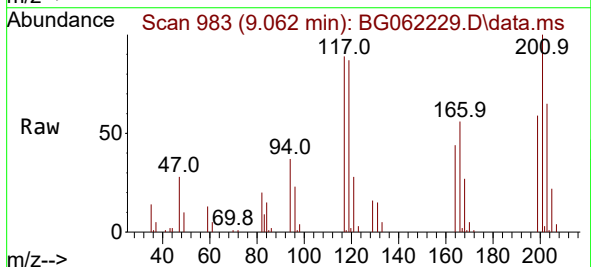
Instrument :
BNA_G
ClientSampleId :
SLCS406

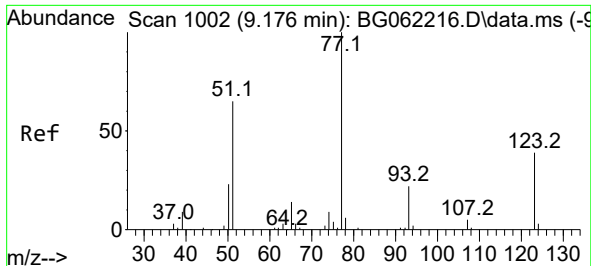
Tgt Ion:108 Resp: 101729
Ion Ratio Lower Upper
108 100
107 111.5 88.3 132.5



#19
Hexachloroethane
Concen: 28.763 ng/ul
RT: 9.062 min Scan# 983
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:117 Resp: 33958
Ion Ratio Lower Upper
117 100
201 112.8 94.3 141.5
199 66.7 61.4 92.2

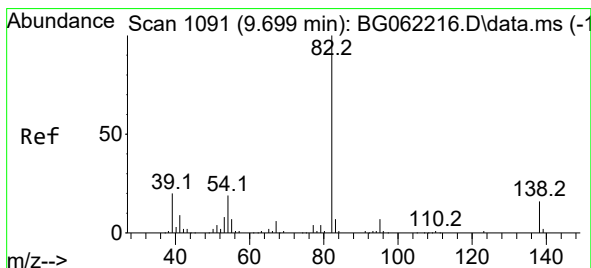
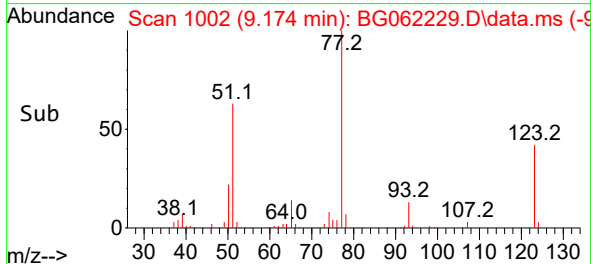
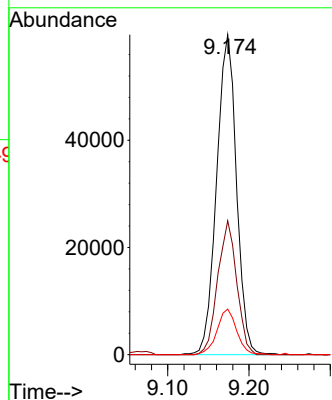
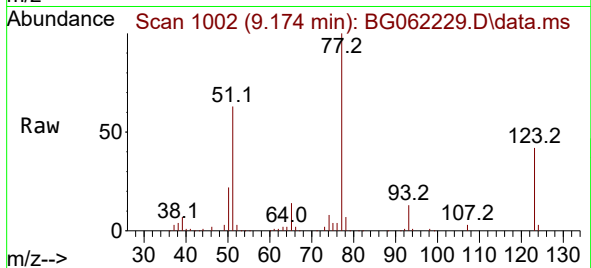




#22
Nitrobenzene
Concen: 39.614 ng/ul
RT: 9.174 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

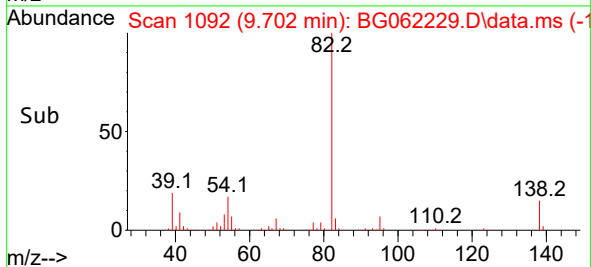
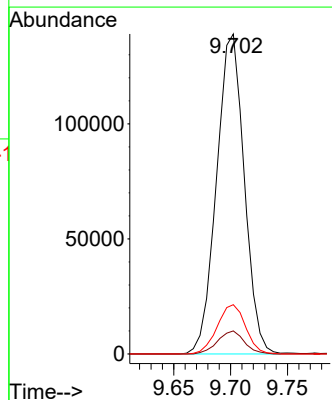
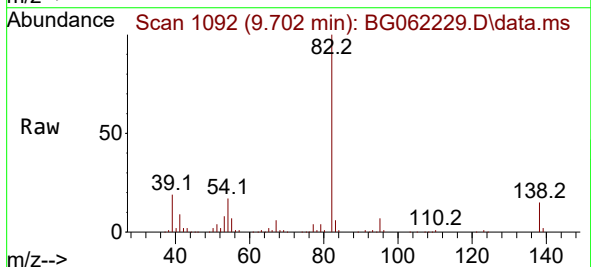
Instrument :
BNA_G
ClientSampleId :
SLCS406

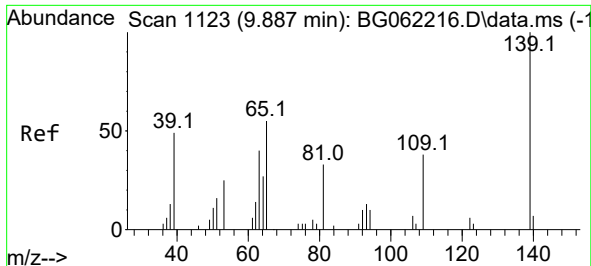
Tgt Ion: 77 Resp: 101430
Ion Ratio Lower Upper
77 100
123 41.8 31.1 46.7
65 14.2 11.0 16.4



#23
Isophorone
Concen: 25.890 ng/ul
RT: 9.702 min Scan# 1092
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion: 82 Resp: 235568
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 15.4 13.1 19.7

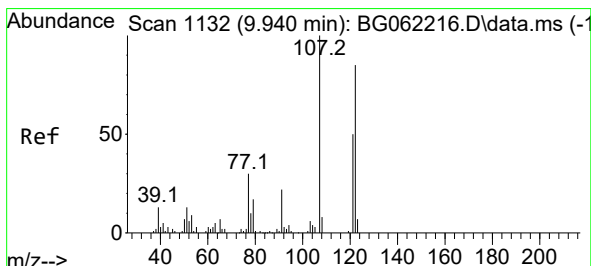
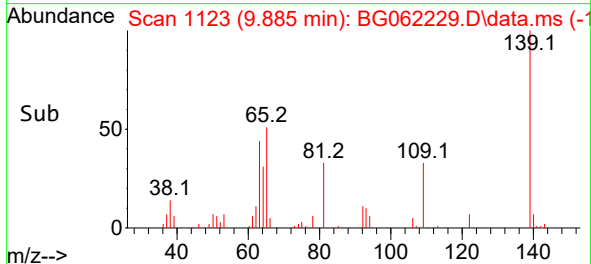
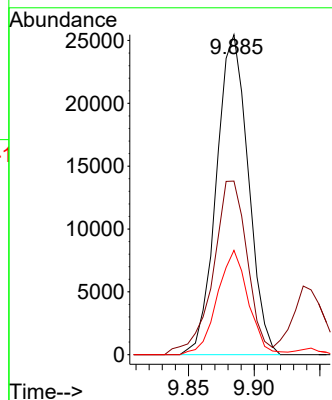
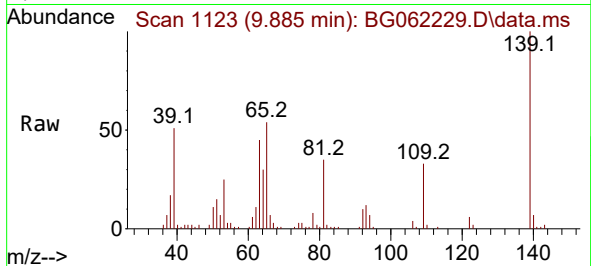




#25
2-Nitrophenol
Concen: 46.305 ng/ul
RT: 9.885 min Scan# 1123
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

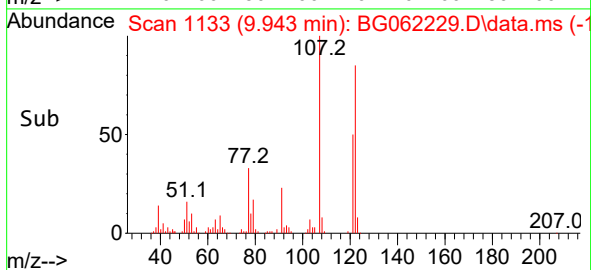
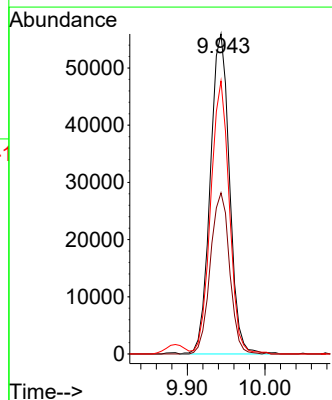
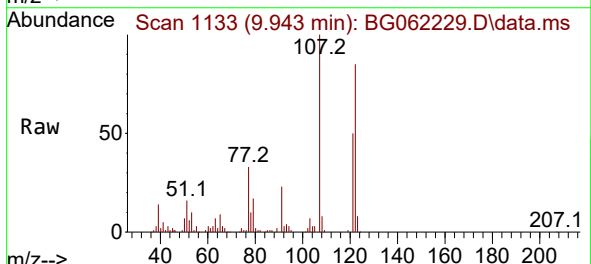
Instrument :
BNA_G
ClientSampleId :
SLCS406

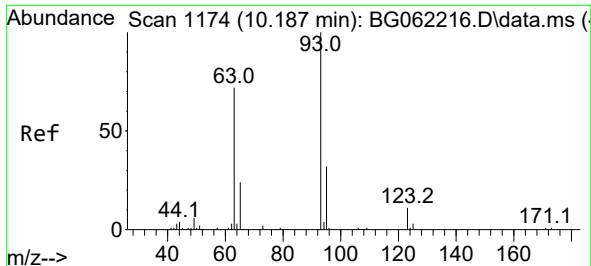
Tgt Ion:139 Resp: 42952
Ion Ratio Lower Upper
139 100
65 54.3 46.2 69.2
109 32.6 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 23.834 ng/ul
RT: 9.943 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:107 Resp: 96341
Ion Ratio Lower Upper
107 100
121 50.4 40.2 60.2
122 85.3 68.7 103.1



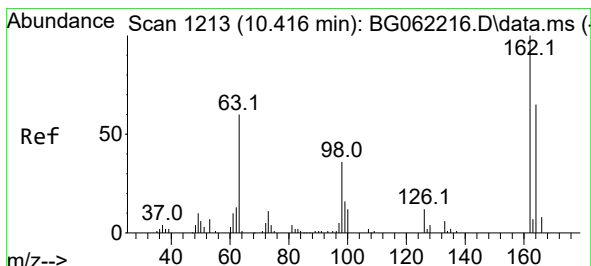
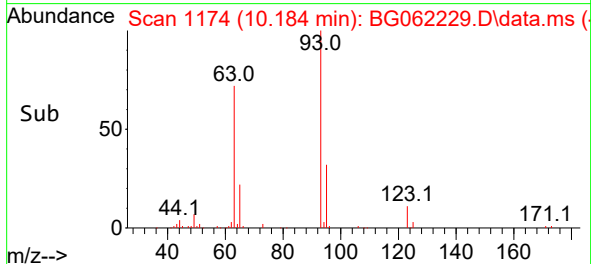
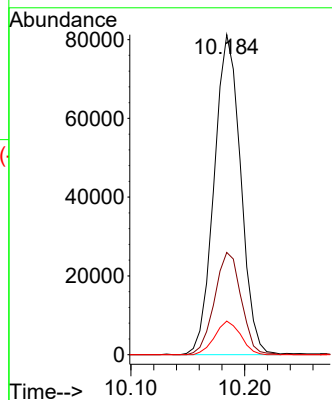
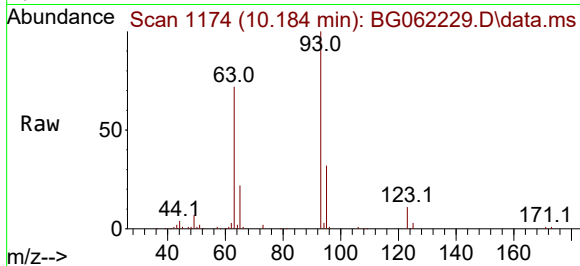


#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.756 ng/ul
 RT: 10.184 min Scan# 1174
 Delta R.T. -0.003 min
 Lab File: BG062229.D
 Acq: 31 Jul 2024 22:29

Instrument :
 BNA_G
 ClientSampleId :
 SLCS406

Tgt Ion: 93 Resp: 131749

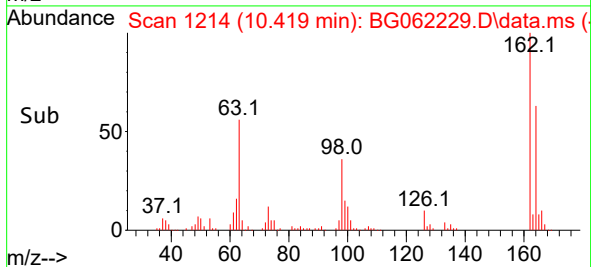
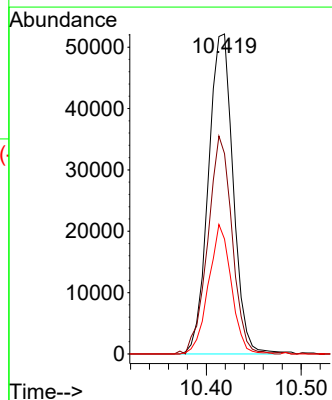
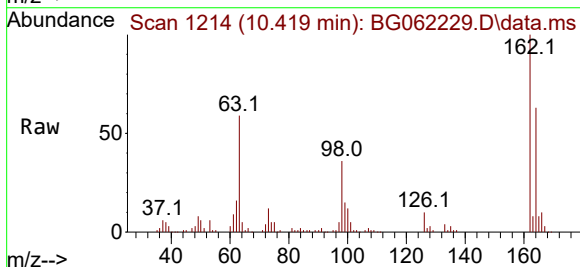
Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.6
123	10.5	9.0	13.4

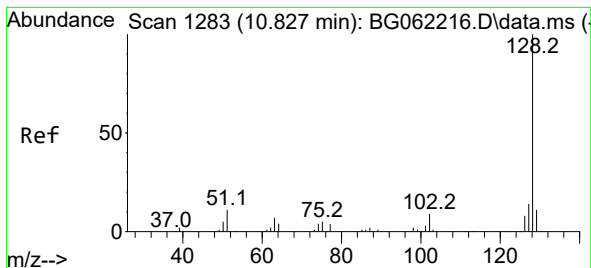


#29
 2,4-Dichlorophenol
 Concen: 31.658 ng/ul
 RT: 10.419 min Scan# 1214
 Delta R.T. 0.003 min
 Lab File: BG062229.D
 Acq: 31 Jul 2024 22:29

Tgt Ion:162 Resp: 94729

Ion	Ratio	Lower	Upper
162	100		
164	62.6	52.2	78.4
98	35.9	28.8	43.2

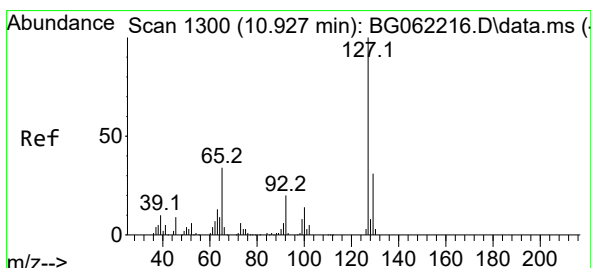
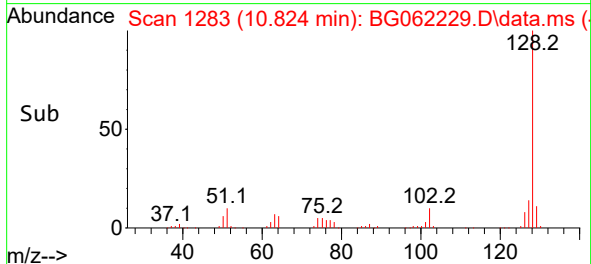
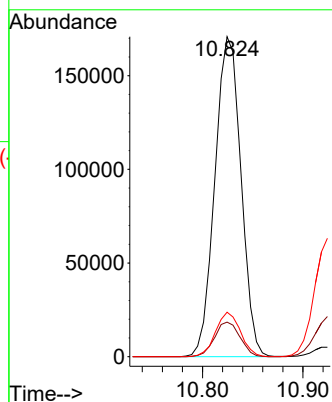
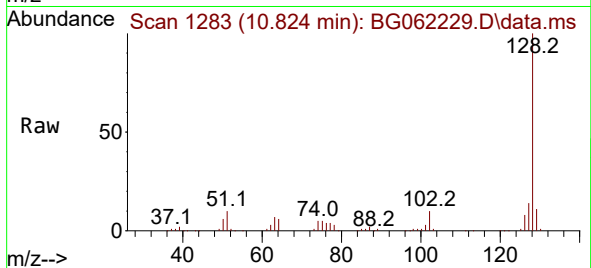




#30
Naphthalene
Concen: 26.936 ng/ul
RT: 10.824 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

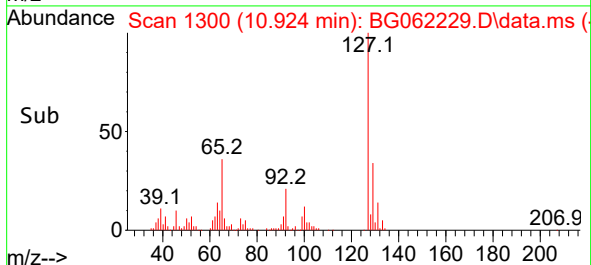
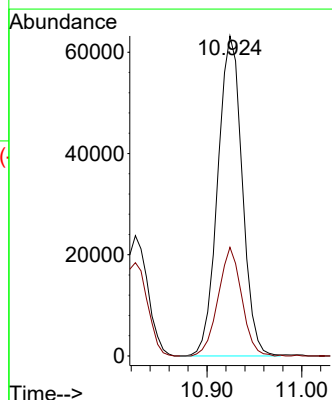
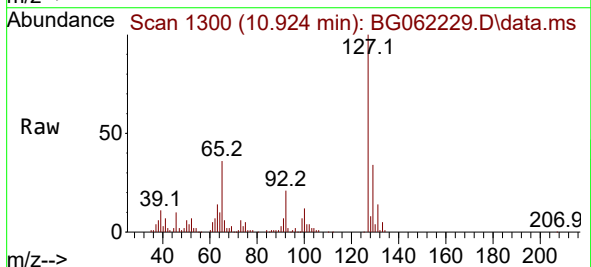
Instrument :
BNA_G
ClientSampleId :
SLCS406

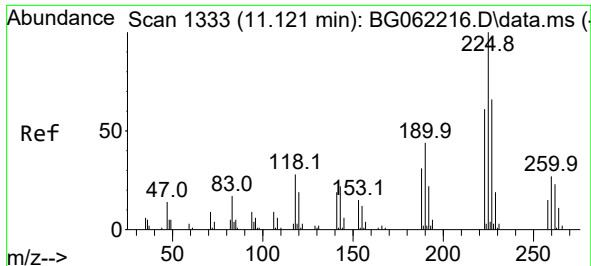
Tgt Ion:128 Resp: 308476
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.9 11.0 16.4



#32
4-Chloroaniline
Concen: 23.229 ng/ul
RT: 10.924 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:127 Resp: 113220
Ion Ratio Lower Upper
127 100
129 33.9 24.8 37.2

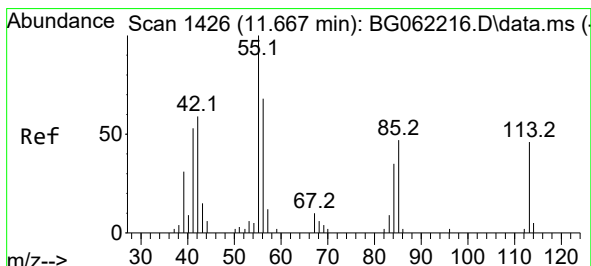
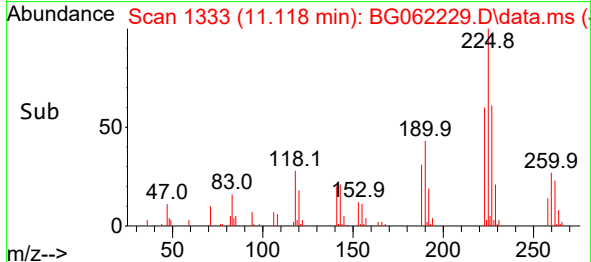
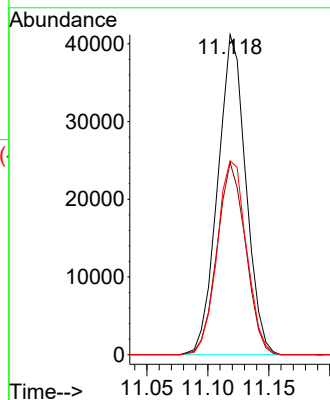
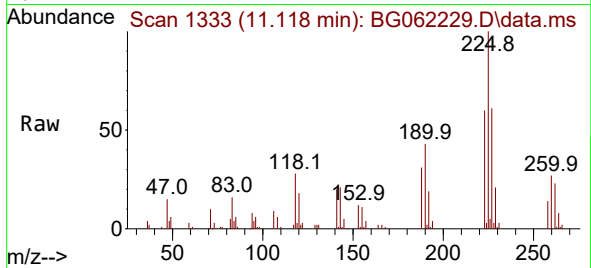




#33
Hexachlorobutadiene
Concen: 27.879 ng/ul
RT: 11.118 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

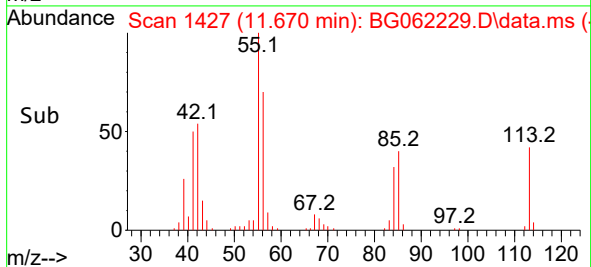
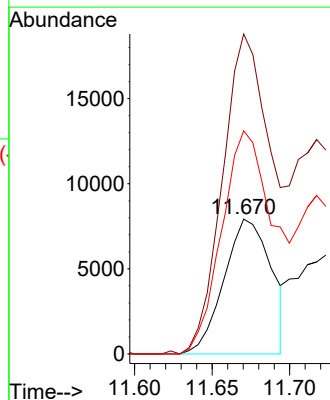
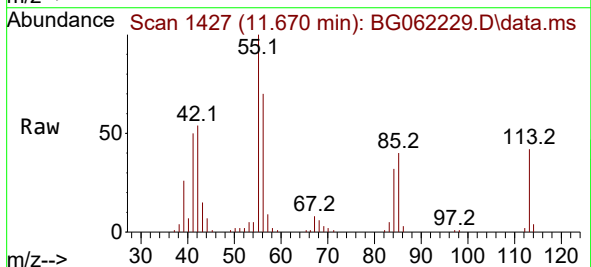
Instrument :
BNA_G
ClientSampleId :
SLCS406

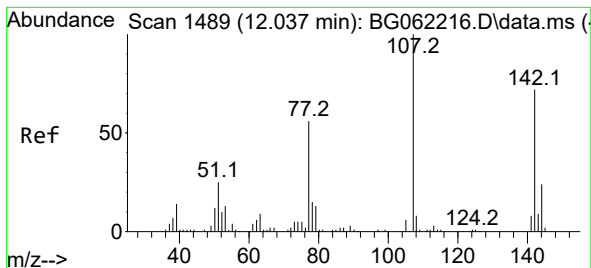
Tgt Ion:225 Resp: 66039
Ion Ratio Lower Upper
225 100
223 60.1 48.6 72.8
227 60.6 52.6 78.8



#34
Caprolactam
Concen: 13.135 ng/ul
RT: 11.670 min Scan# 1427
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:113 Resp: 16744
Ion Ratio Lower Upper
113 100
55 237.3 177.0 265.4
56 165.5 117.6 176.4

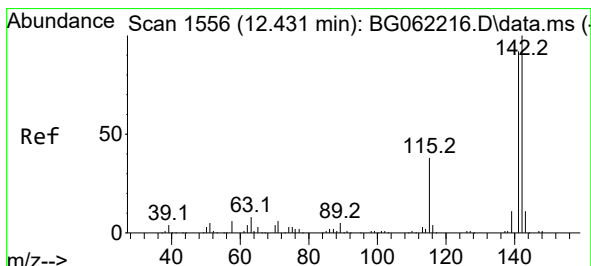
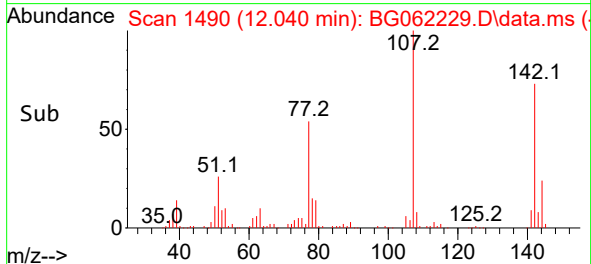
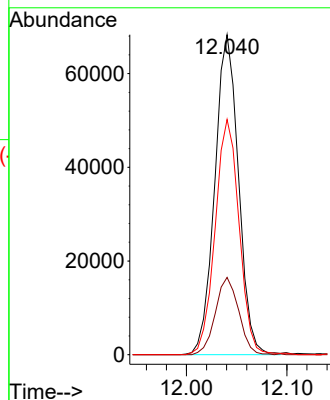
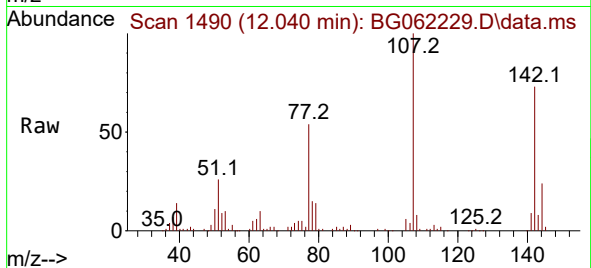




#35
 4-Chloro-3-methylphenol
 Concen: 28.835 ng/ul
 RT: 12.040 min Scan# 1489
 Delta R.T. 0.003 min
 Lab File: BG062229.D
 Acq: 31 Jul 2024 22:29

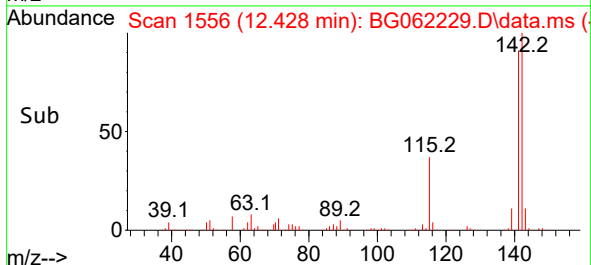
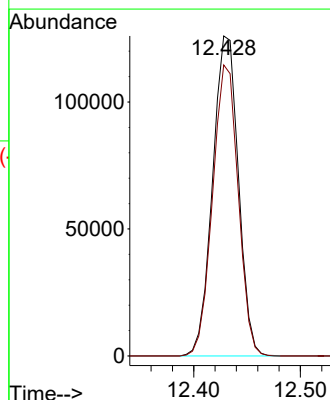
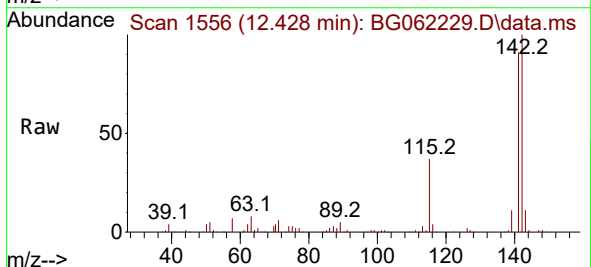
Instrument :
 BNA_G
 ClientSampleId :
 SLCS406

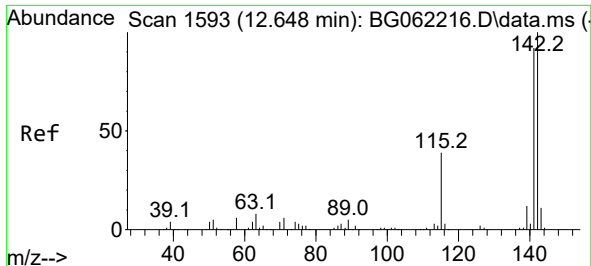
Tgt Ion:107 Resp: 112183
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.0 28.4
 142 73.5 57.8 86.8



#36
 2-Methylnaphthalene
 Concen: 26.101 ng/ul
 RT: 12.428 min Scan# 1556
 Delta R.T. -0.003 min
 Lab File: BG062229.D
 Acq: 31 Jul 2024 22:29

Tgt Ion:142 Resp: 211272
 Ion Ratio Lower Upper
 142 100
 141 91.0 73.7 110.5





#37

1-Methylnaphthalene

Concen: 26.346 ng/ul

RT: 12.645 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Instrument :

BNA_G

ClientSampleId :

SLCS406

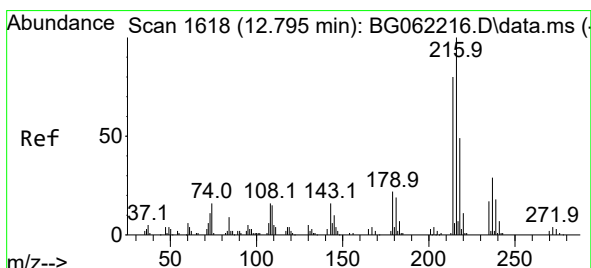
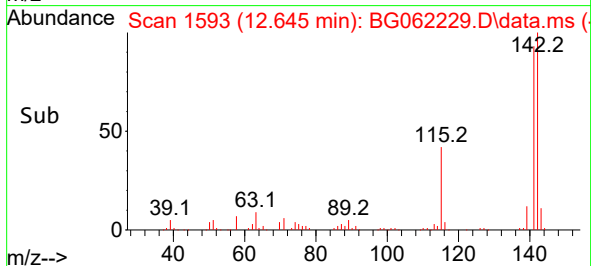
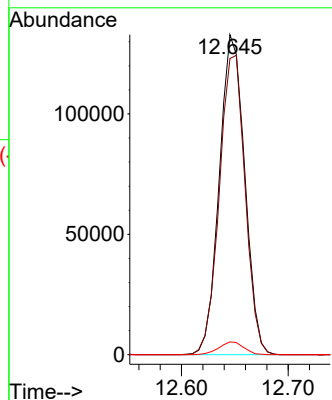
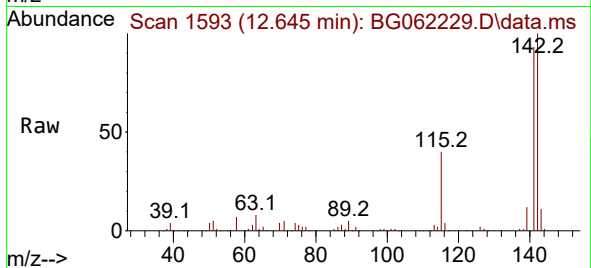
Tgt Ion:142 Resp: 219795

Ion Ratio Lower Upper

142 100

141 92.5 74.0 111.0

116 4.0 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.553 ng/ul

RT: 12.792 min Scan# 1618

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Tgt Ion:216 Resp: 129259

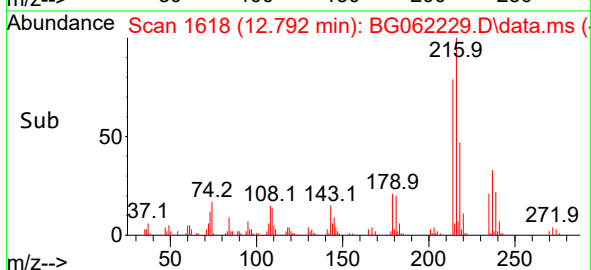
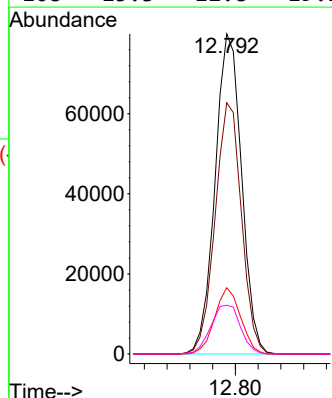
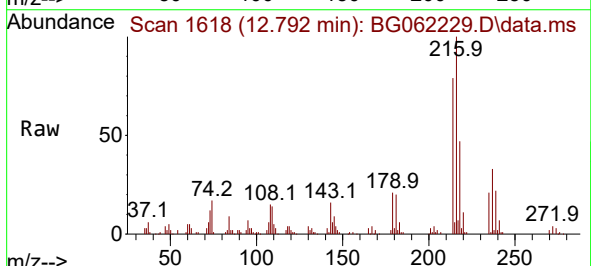
Ion Ratio Lower Upper

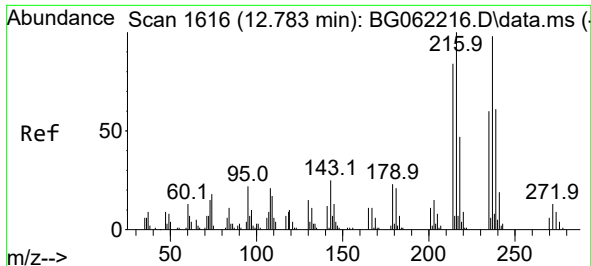
216 100

214 78.5 64.0 96.0

179 20.7 17.4 26.2

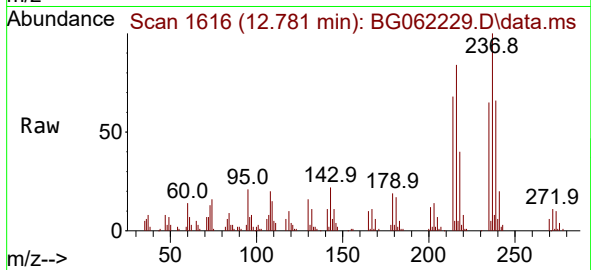
108 15.3 12.8 19.2



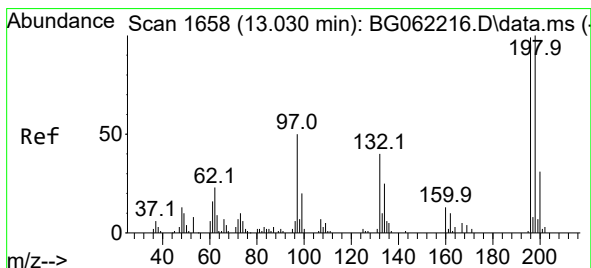
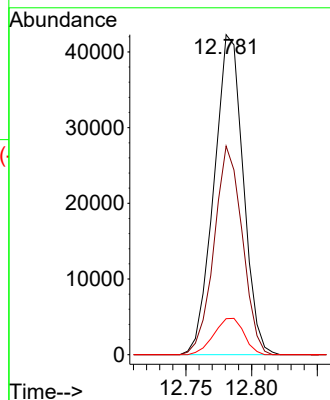
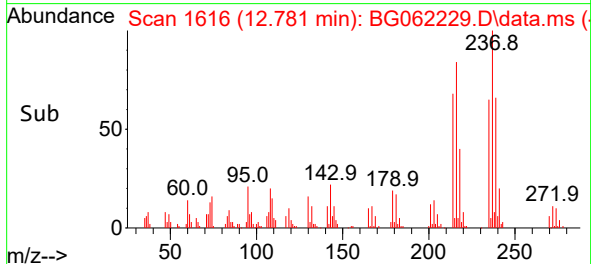


#40
Hexachlorocyclopentadiene
Concen: 26.852 ng/ul
RT: 12.781 min Scan# 1616
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

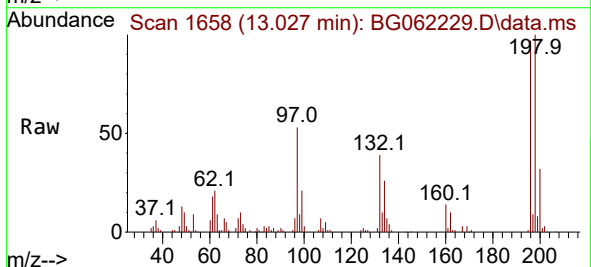
Instrument :
BNA_G
ClientSampleId :
SLCS406



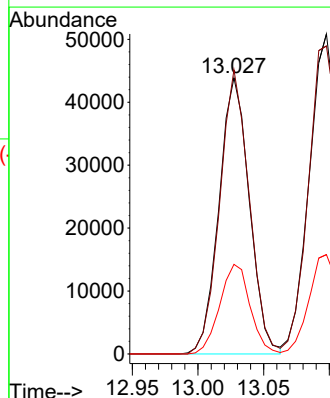
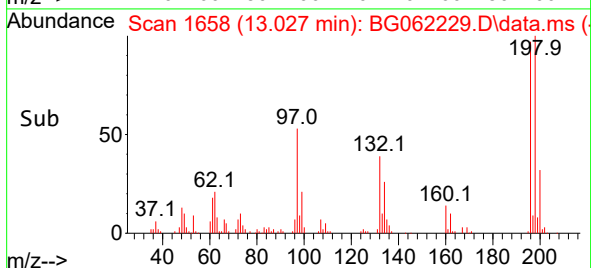
Tgt Ion:237 Resp: 65416
Ion Ratio Lower Upper
237 100
235 65.2 48.9 73.3
272 11.3 10.4 15.6

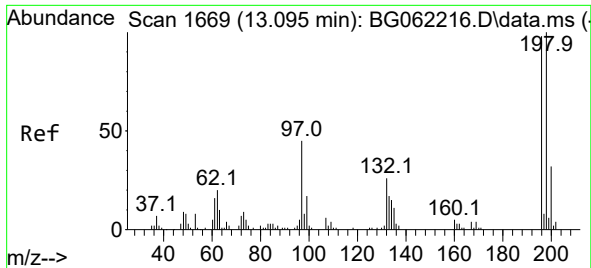


#41
2,4,6-Trichlorophenol
Concen: 30.453 ng/ul
RT: 13.027 min Scan# 1658
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29



Tgt Ion:196 Resp: 70596
Ion Ratio Lower Upper
196 100
198 102.9 81.0 121.6
200 32.4 25.2 37.8

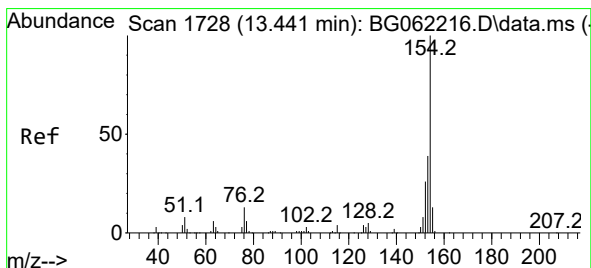
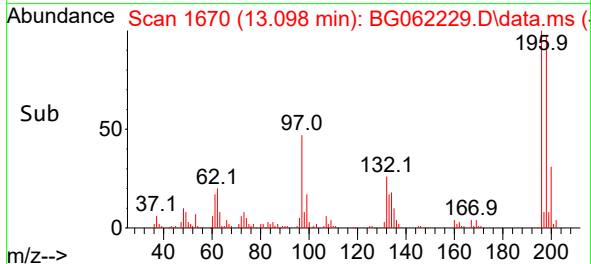
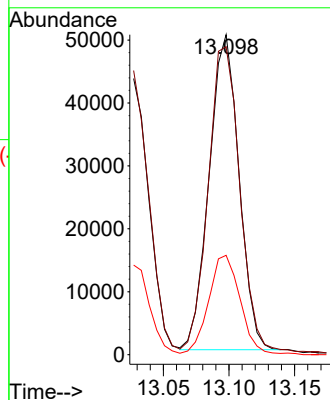
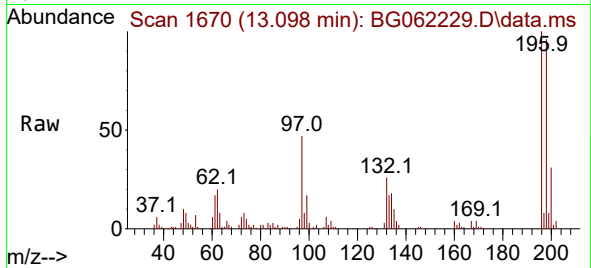




#42
2,4,5-Trichlorophenol
Concen: 30.268 ng/ul
RT: 13.098 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

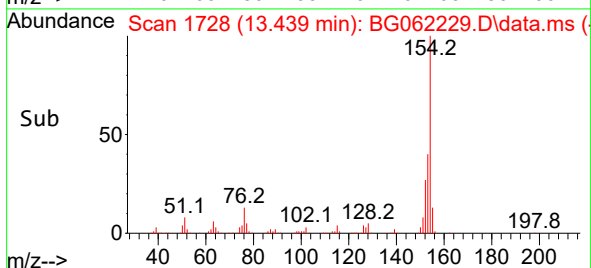
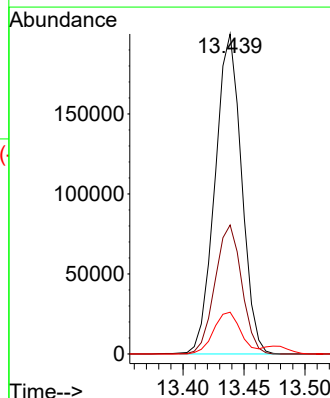
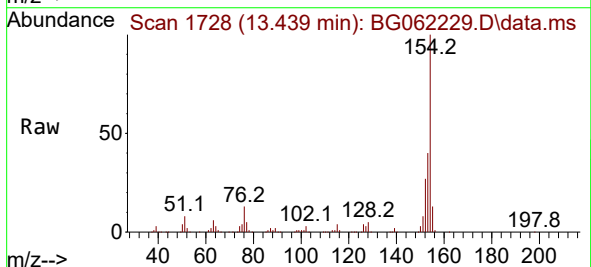
Instrument :
BNA_G
ClientSampleId :
SLCS406

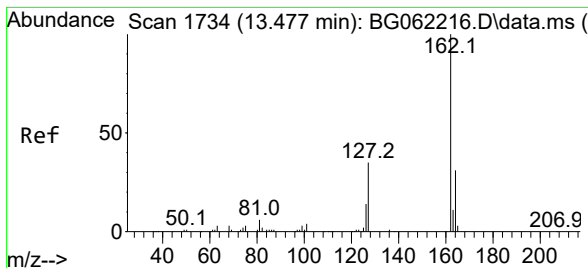
Tgt Ion:196 Resp: 79346
Ion Ratio Lower Upper
196 100
198 96.3 81.7 122.5
200 31.1 25.8 38.6



#43
1,1'-Biphenyl
Concen: 26.434 ng/ul
RT: 13.439 min Scan# 1728
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:154 Resp: 302276
Ion Ratio Lower Upper
154 100
153 40.3 31.3 46.9
76 13.1 10.6 15.8

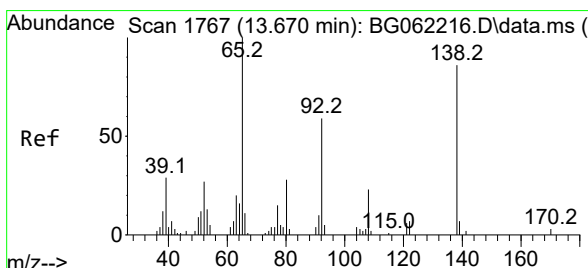
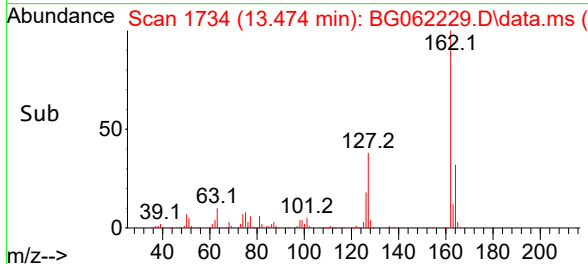
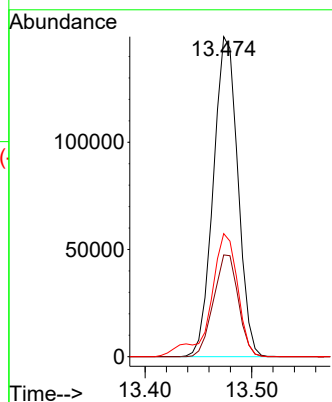
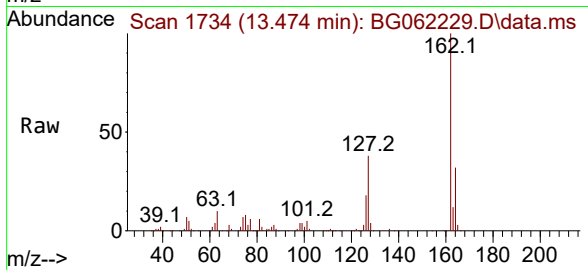




#44
2-Chloronaphthalene
Concen: 26.561 ng/ul
RT: 13.474 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

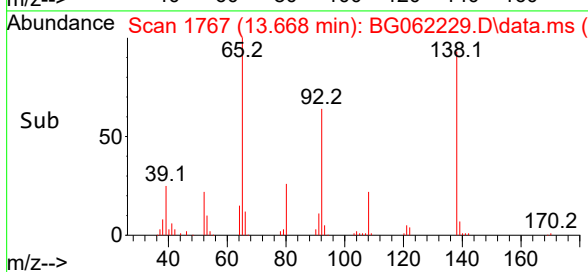
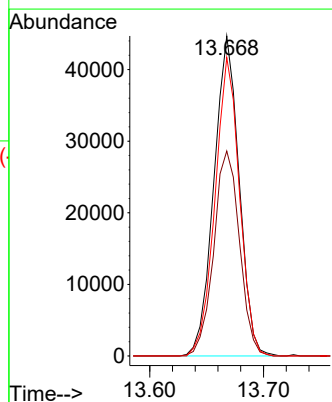
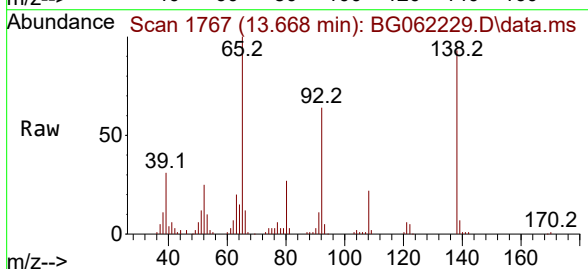
Instrument :
BNA_G
ClientSampleId :
SLCS406

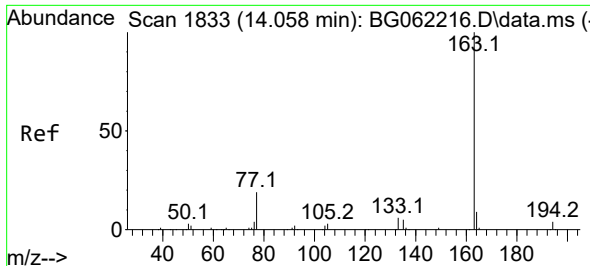
Tgt Ion:162 Resp: 238200
Ion Ratio Lower Upper
162 100
164 31.8 25.2 37.8
127 38.4 30.9 46.3



#45
2-Nitroaniline
Concen: 43.404 ng/ul
RT: 13.668 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion: 65 Resp: 68821
Ion Ratio Lower Upper
65 100
92 64.1 47.2 70.8
138 93.3 68.6 103.0

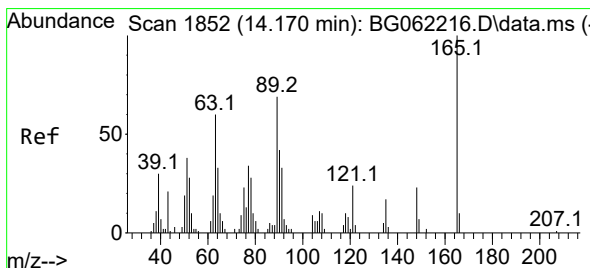
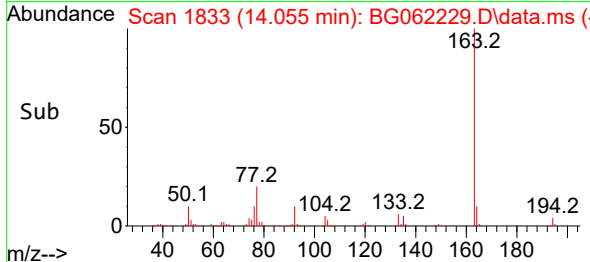
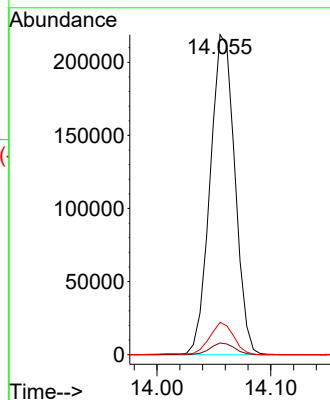
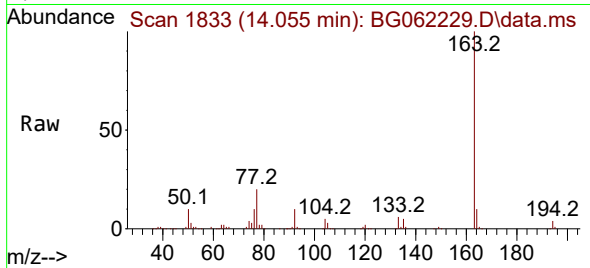




#47
Dimethylphthalate
Concen: 26.704 ng/ul
RT: 14.055 min Scan# 1833
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

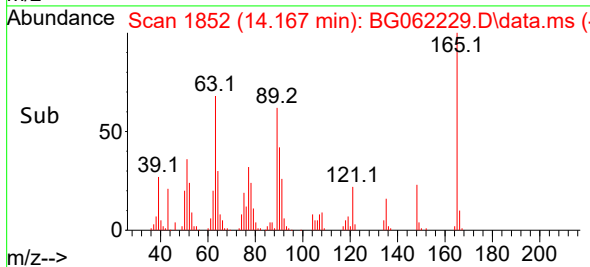
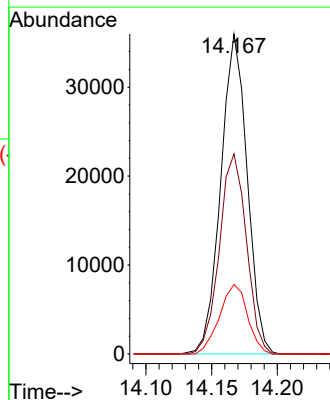
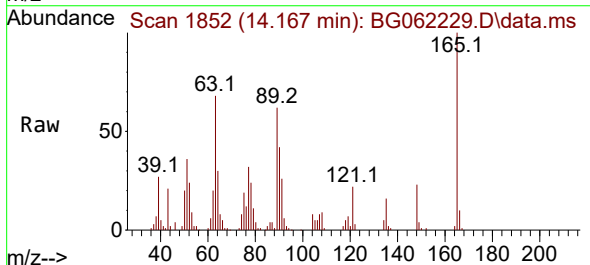
Instrument :
BNA_G
ClientSampleId :
SLCS406

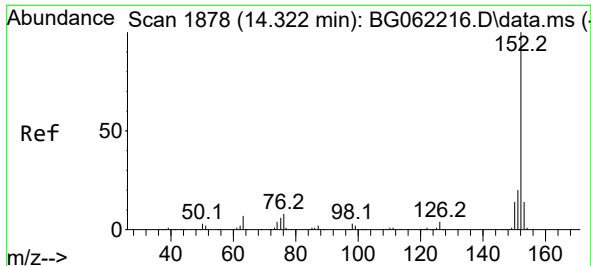
Tgt Ion:163 Resp: 331036
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 43.079 ng/ul
RT: 14.167 min Scan# 1852
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:165 Resp: 50307
Ion Ratio Lower Upper
165 100
89 62.5 55.0 82.4
121 21.7 19.4 29.2

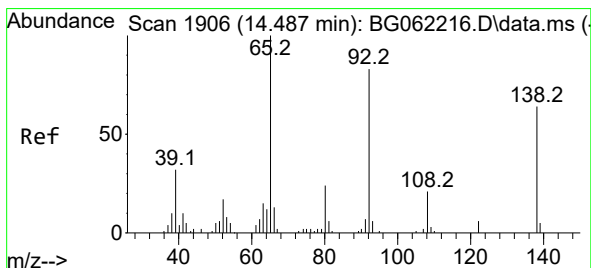
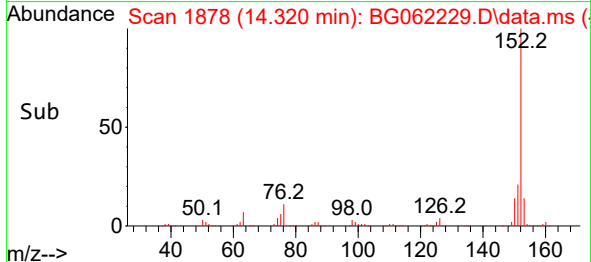
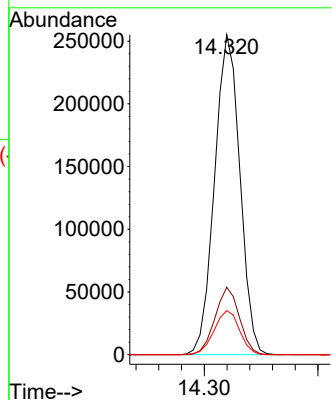
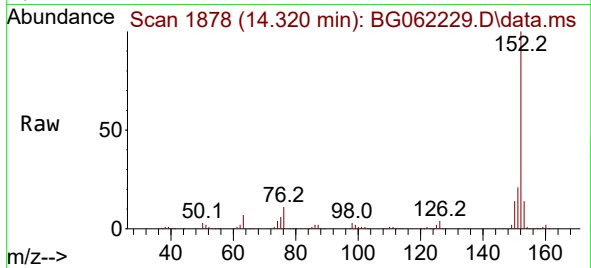




#50
Acenaphthylene
Concen: 26.517 ng/ul
RT: 14.320 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

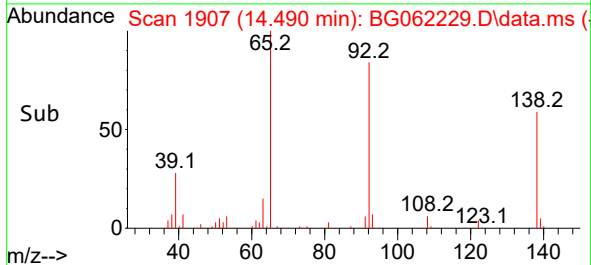
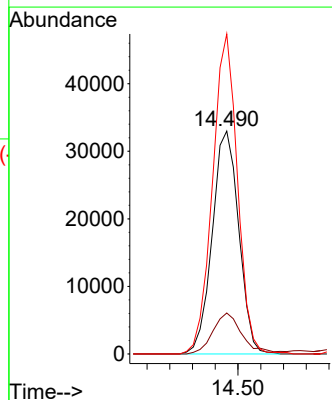
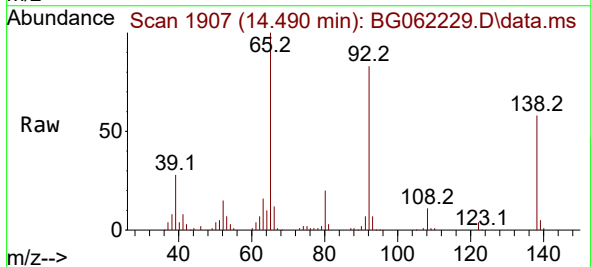
Instrument :
BNA_G
ClientSampleId :
SLCS406

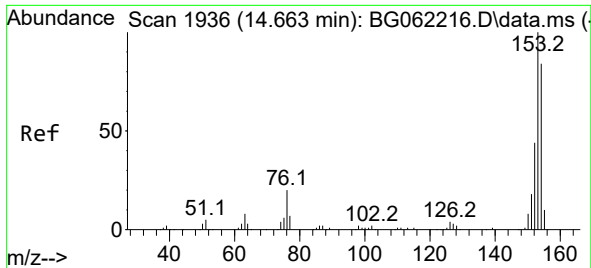
Tgt Ion:152 Resp: 394538
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4
153 13.7 11.0 16.4



#51
3-Nitroaniline
Concen: 36.710 ng/ul
RT: 14.490 min Scan# 1907
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:138 Resp: 53439
Ion Ratio Lower Upper
138 100
108 18.3 26.0 39.0#
92 143.6 103.4 155.2

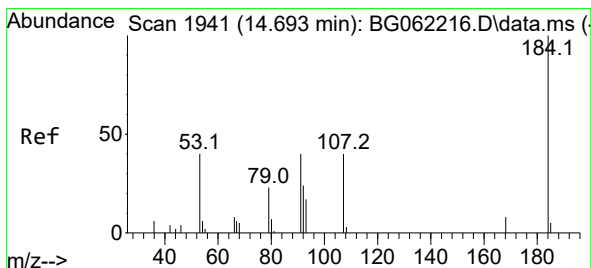
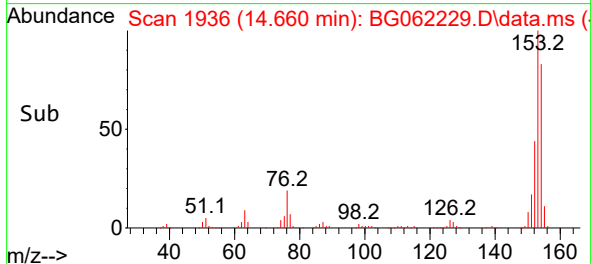
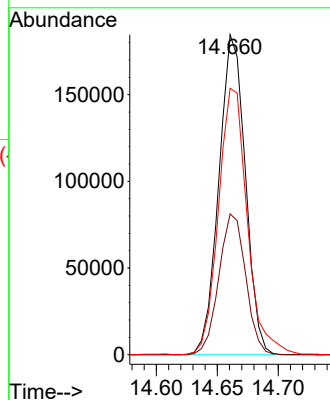
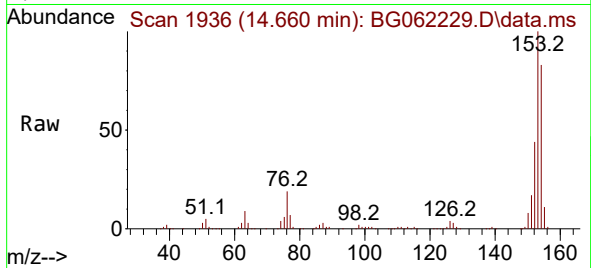




#52
Acenaphthene
Concen: 26.514 ng/ul
RT: 14.660 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

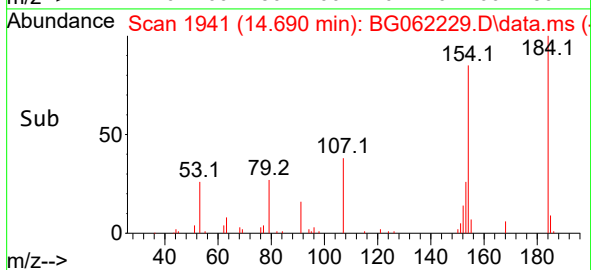
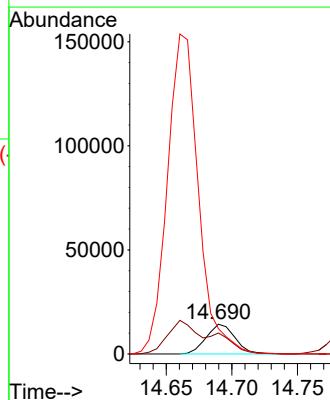
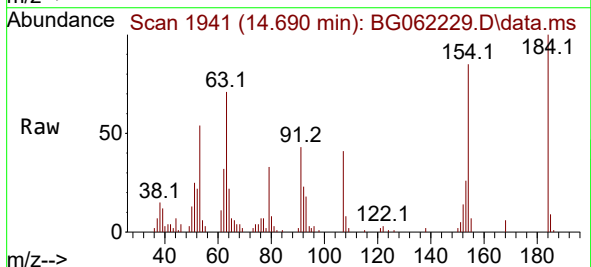
Instrument :
BNA_G
ClientSampleId :
SLCS406

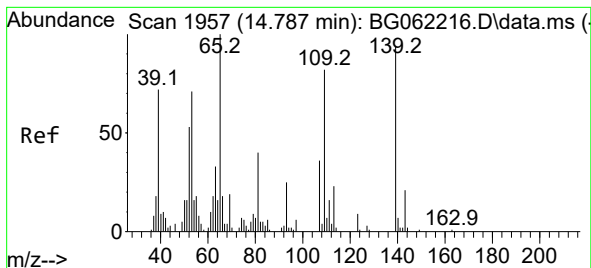
Tgt Ion:153 Resp: 278803
Ion Ratio Lower Upper
153 100
152 44.0 35.0 52.4
154 83.3 66.9 100.3



#53
2,4-Dinitrophenol
Concen: 35.599 ng/ul
RT: 14.690 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:184 Resp: 21780
Ion Ratio Lower Upper
184 100
63 70.5 55.3 82.9
154 84.6 72.9 109.3

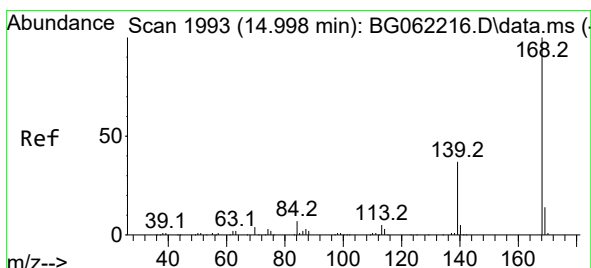
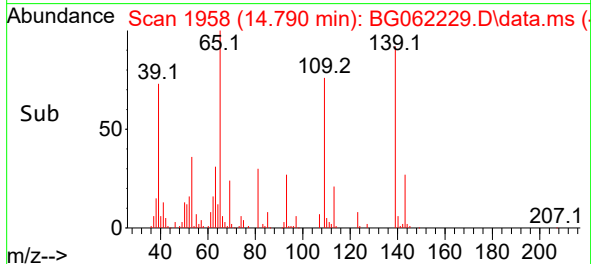
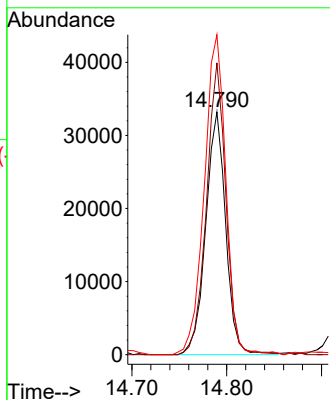
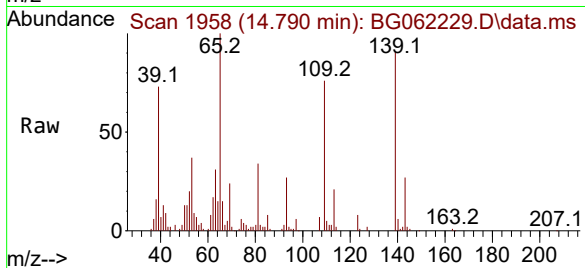




#55
4-Nitrophenol
Concen: 35.115 ng/ul
RT: 14.790 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

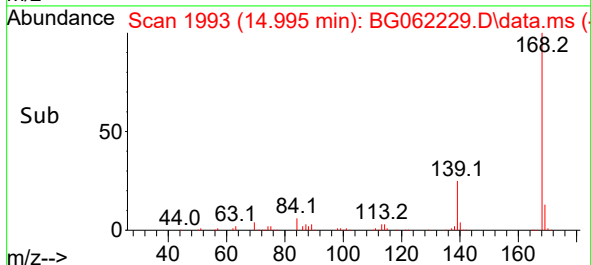
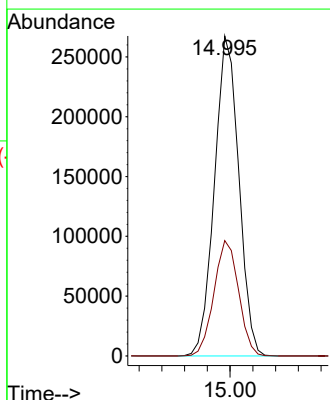
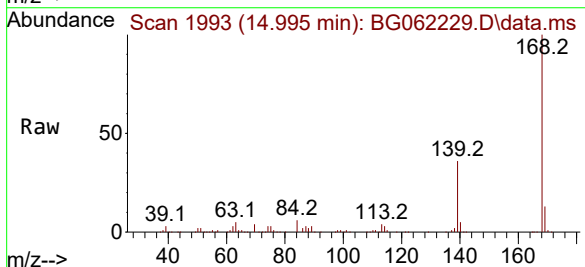
Instrument :
BNA_G
ClientSampleId :
SLCS406

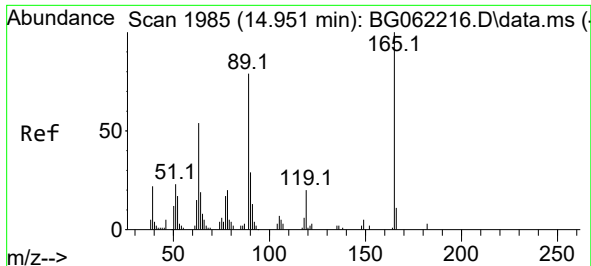
Tgt Ion:109 Resp: 48690
Ion Ratio Lower Upper
109 100
139 120.3 91.2 136.8
65 131.8 97.0 145.4



#56
Dibenzofuran
Concen: 27.315 ng/ul
RT: 14.995 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:168 Resp: 398001
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.8





#57

2,4-Dinitrotoluene

Concen: 47.309 ng/ul

RT: 14.948 min Scan# 1985

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Instrument :

BNA_G

ClientSampleId :

SLCS406

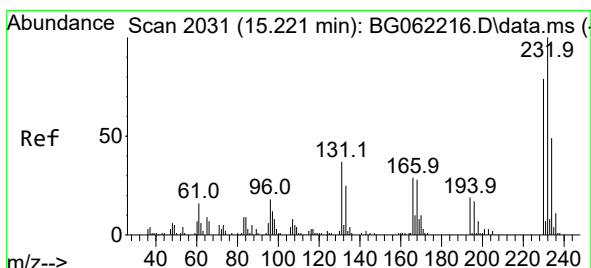
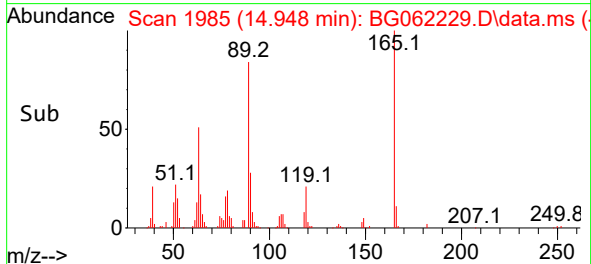
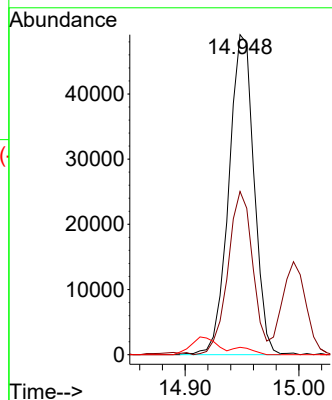
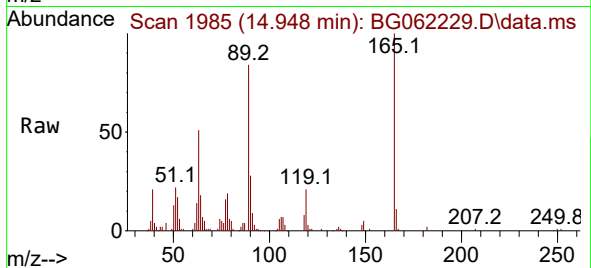
Tgt Ion:165 Resp: 75475

Ion Ratio Lower Upper

165 100

63 51.0 43.4 65.0

182 2.3 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.691 ng/ul

RT: 15.218 min Scan# 2031

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Tgt Ion:232 Resp: 69091

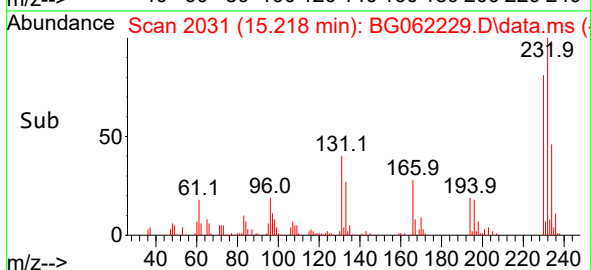
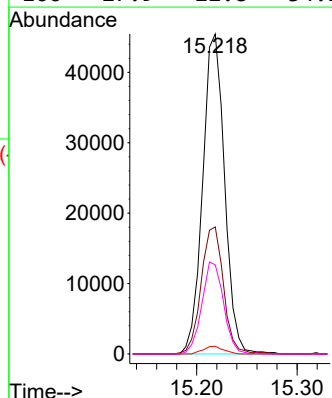
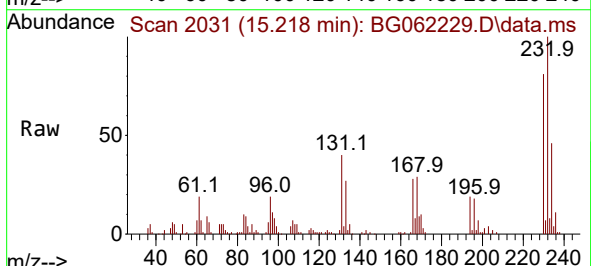
Ion Ratio Lower Upper

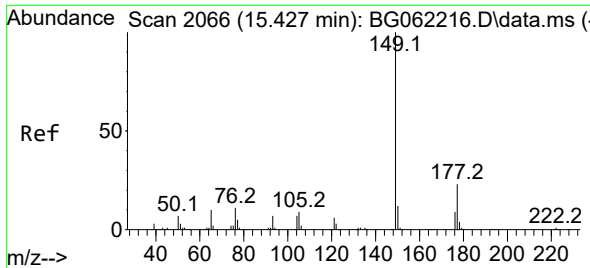
232 100

131 39.7 29.9 44.9

130 2.4 1.8 2.6

166 27.9 22.8 34.2

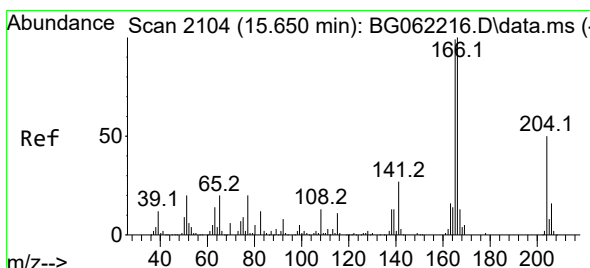
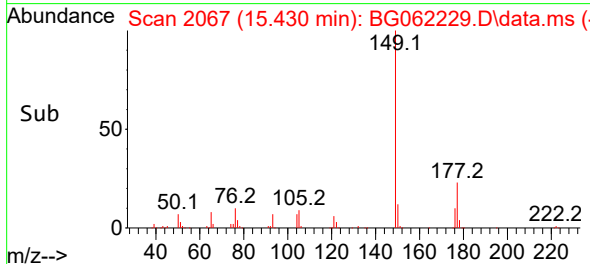
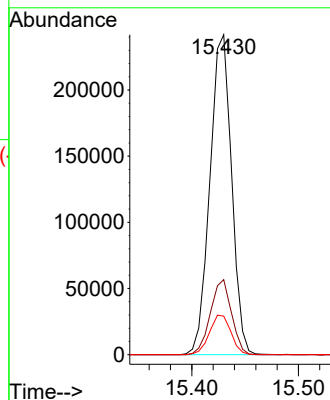
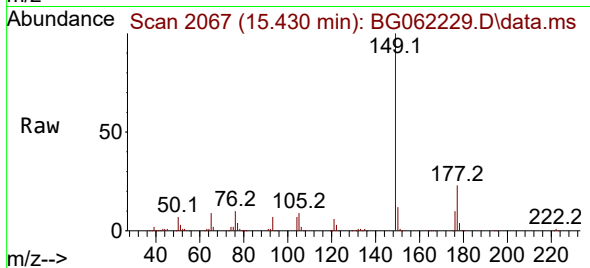




#59
Diethylphthalate
Concen: 26.816 ng/ul
RT: 15.430 min Scan# 2067
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

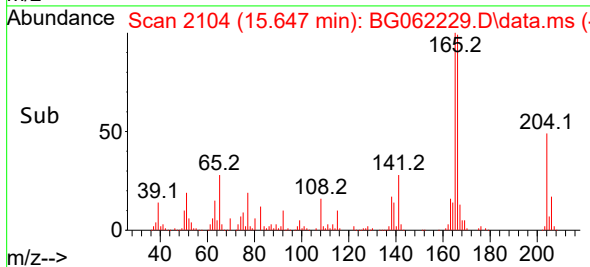
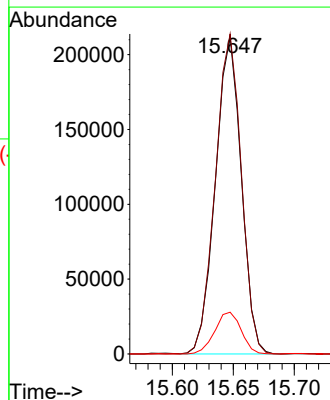
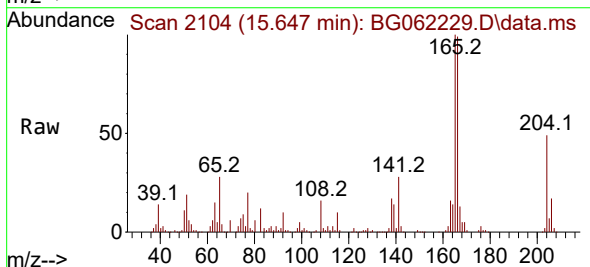
Instrument :
BNA_G
ClientSampleId :
SLCS406

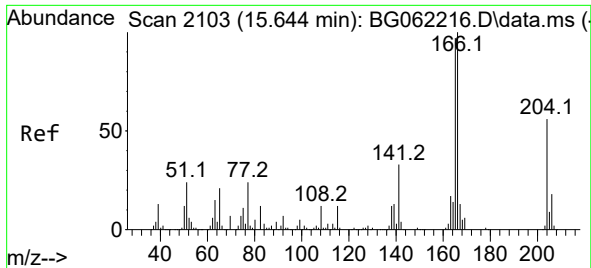
Tgt Ion:149 Resp: 340799
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.4
150 12.1 9.7 14.5



#61
Fluorene
Concen: 26.637 ng/ul
RT: 15.647 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:166 Resp: 312501
Ion Ratio Lower Upper
166 100
165 100.9 79.4 119.2
167 13.2 10.1 15.1

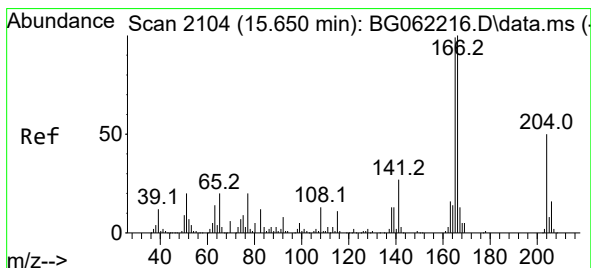
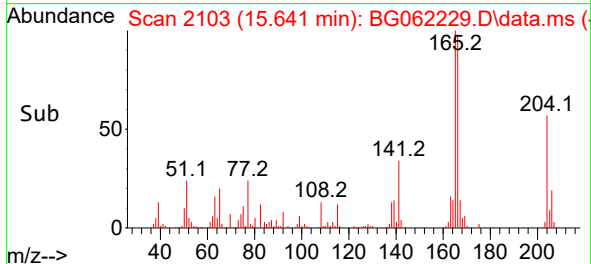
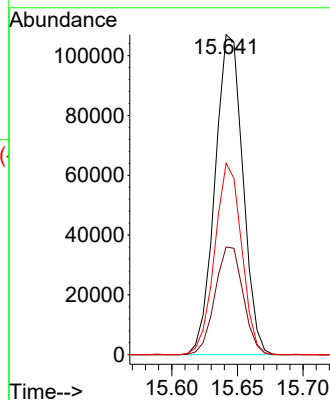
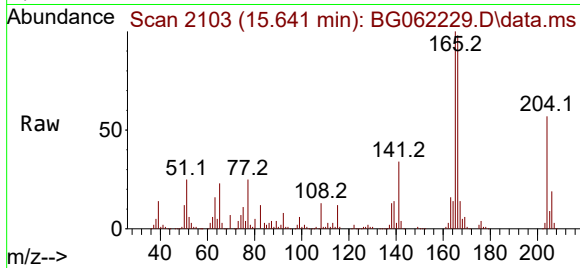




#62
4-Chlorophenyl-phenylether
Concen: 26.611 ng/ul
RT: 15.641 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

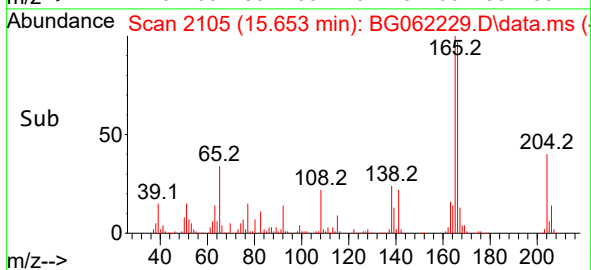
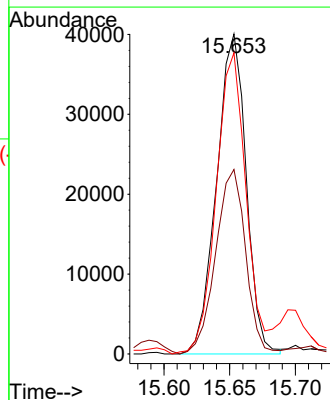
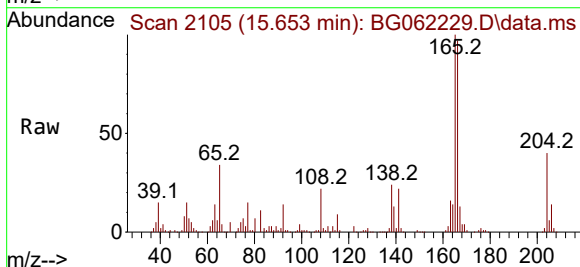
Instrument :
BNA_G
ClientSampleId :
SLCS406

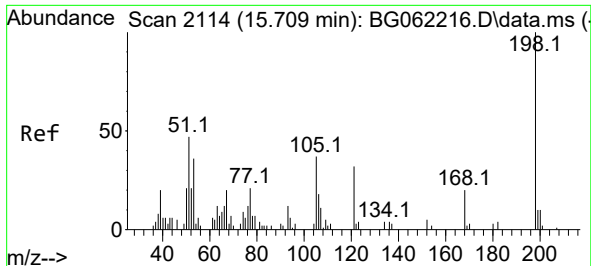
Tgt Ion:204 Resp: 158012
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 59.8 46.4 69.6



#63
4-Nitroaniline
Concen: 38.854 ng/ul
RT: 15.653 min Scan# 2105
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:138 Resp: 62879
Ion Ratio Lower Upper
138 100
92 57.7 48.6 73.0
108 94.1 78.6 118.0

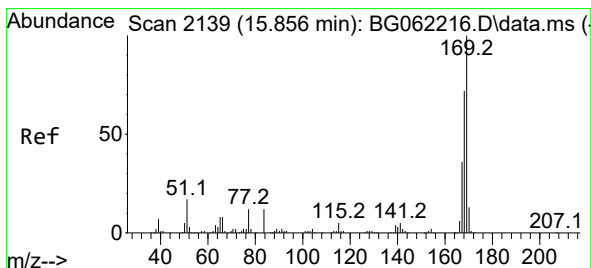
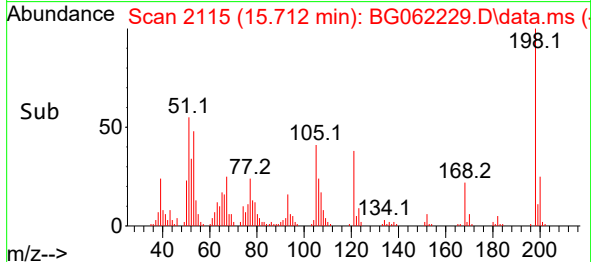
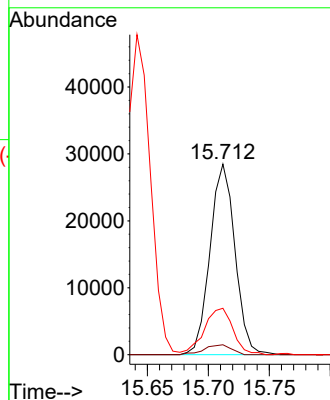
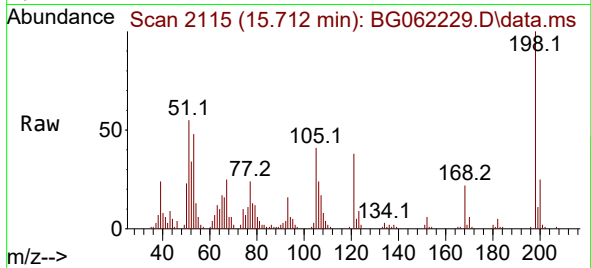




#66
 4,6-Dinitro-2-methylphenol
 Concen: 41.483 ng/ul
 RT: 15.712 min Scan# 2115
 Delta R.T. 0.003 min
 Lab File: BG062229.D
 Acq: 31 Jul 2024 22:29

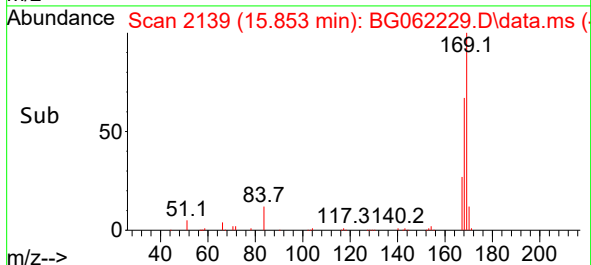
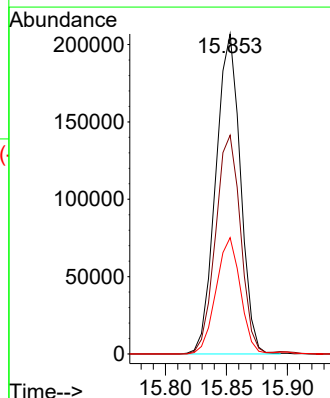
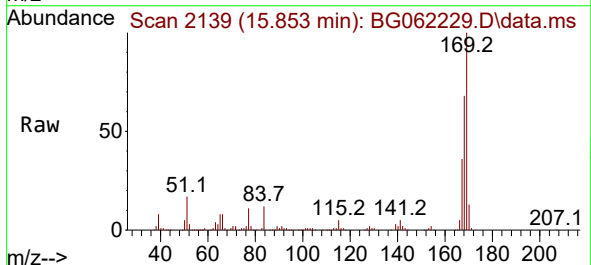
Instrument :
 BNA_G
 ClientSampleId :
 SLCS406

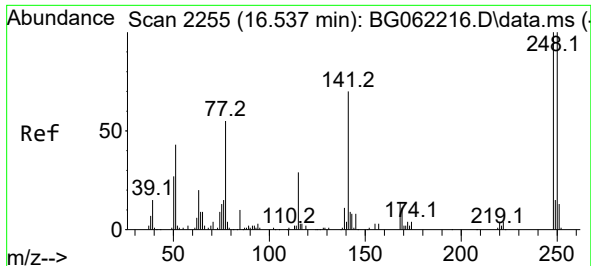
Tgt Ion:198 Resp: 40654
 Ion Ratio Lower Upper
 198 100
 182 5.2 3.1 4.7#
 77 24.4 19.0 28.6



#67
 N-Nitrosodiphenylamine
 Concen: 28.346 ng/ul
 RT: 15.853 min Scan# 2139
 Delta R.T. -0.003 min
 Lab File: BG062229.D
 Acq: 31 Jul 2024 22:29

Tgt Ion:169 Resp: 291179
 Ion Ratio Lower Upper
 169 100
 168 68.3 57.4 86.0
 167 36.4 28.5 42.7

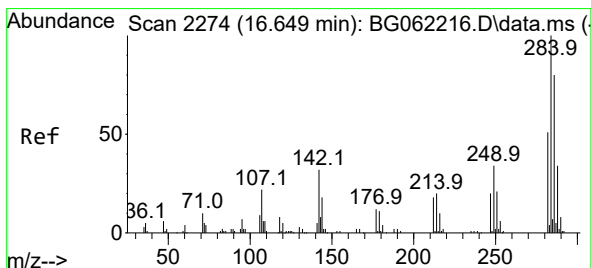
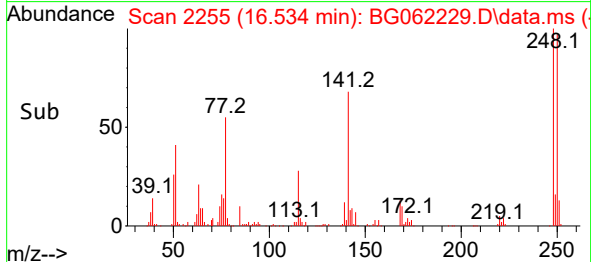
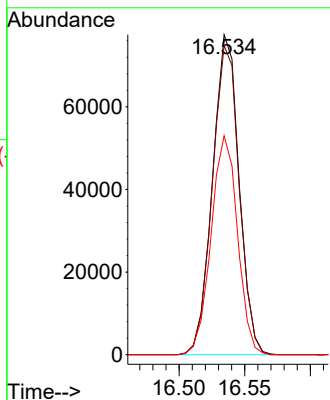
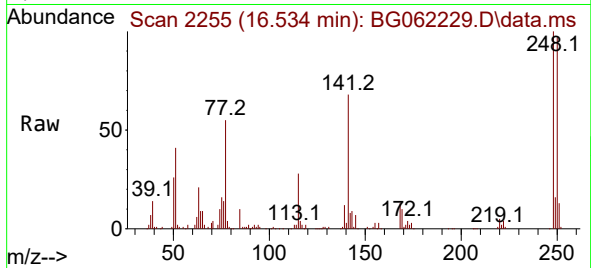




#68
4-Bromophenyl-phenylether
Concen: 27.505 ng/ul
RT: 16.534 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

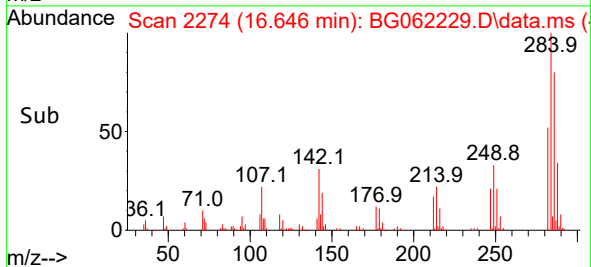
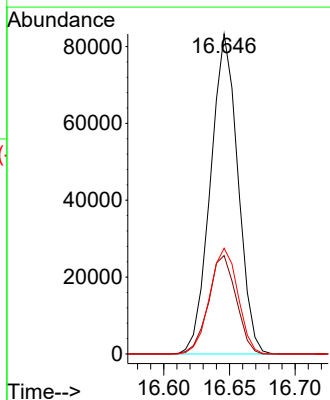
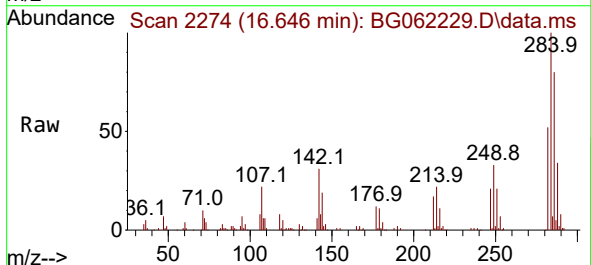
Instrument :
BNA_G
ClientSampleId :
SLCS406

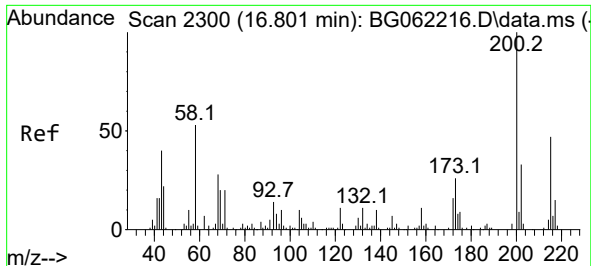
Tgt Ion:248 Resp: 108745
Ion Ratio Lower Upper
248 100
250 96.7 80.0 120.0
141 68.4 56.3 84.5



#69
Hexachlorobenzene
Concen: 28.294 ng/ul
RT: 16.646 min Scan# 2274
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:284 Resp: 120931
Ion Ratio Lower Upper
284 100
142 30.8 25.4 38.2
249 33.1 26.9 40.3

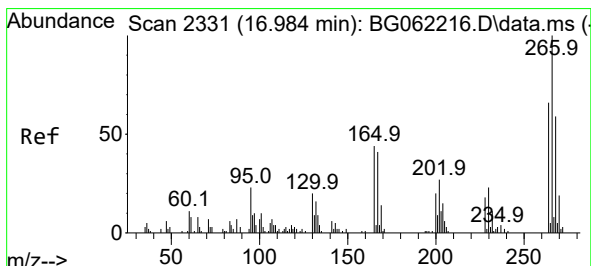
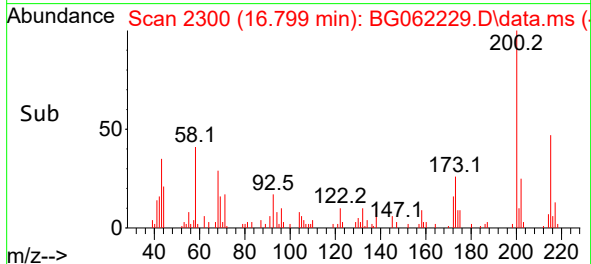
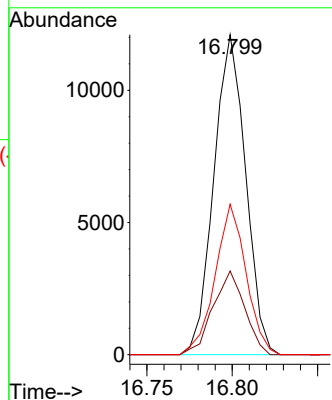
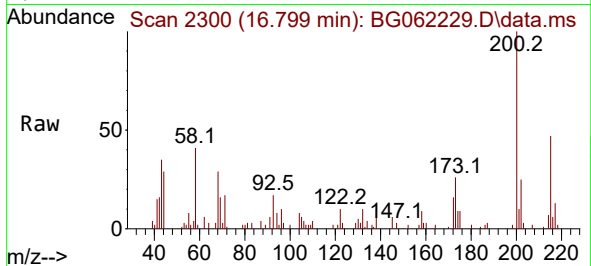




#70
Atrazine
Concen: 3.967 ng/ul
RT: 16.799 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

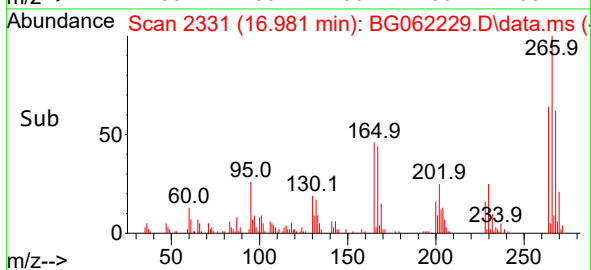
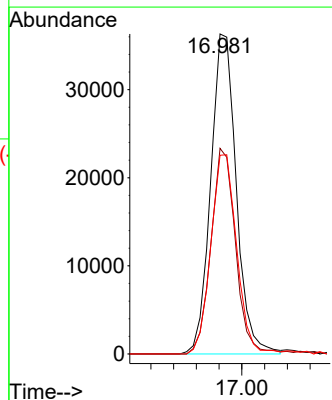
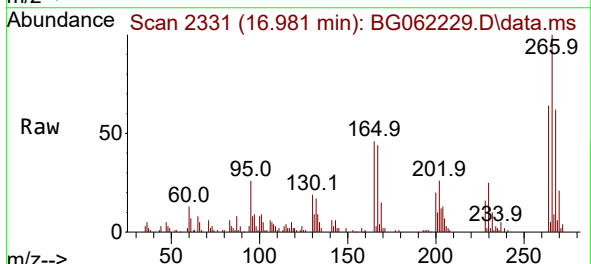
Instrument :
BNA_G
ClientSampleId :
SLCS406

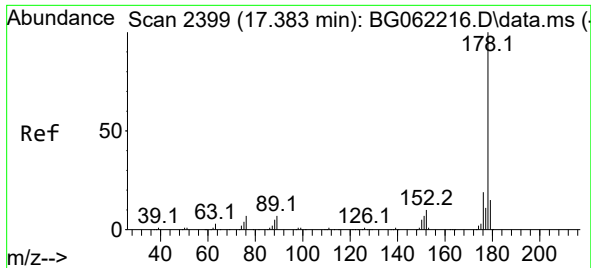
Tgt Ion:200 Resp: 15683
Ion Ratio Lower Upper
200 100
173 26.1 20.6 30.8
215 47.0 37.8 56.6



#71
Pentachlorophenol
Concen: 20.900 ng/ul
RT: 16.981 min Scan# 2331
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:266 Resp: 56776
Ion Ratio Lower Upper
266 100
264 64.3 52.7 79.1
268 62.1 47.1 70.7

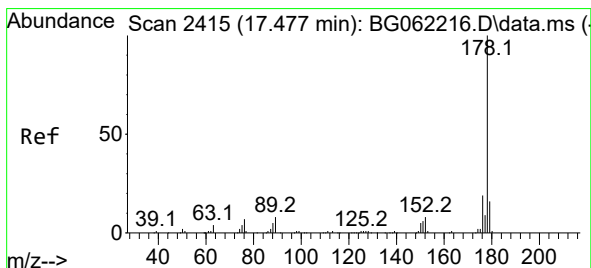
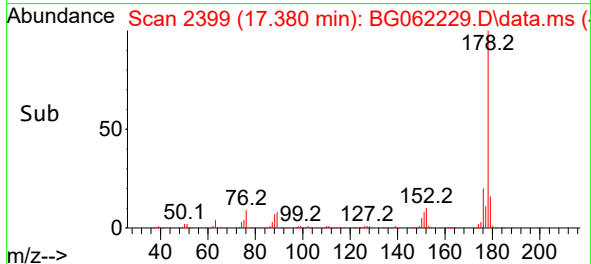
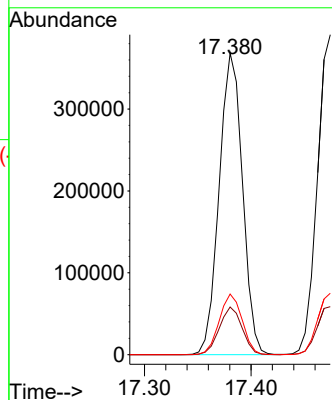
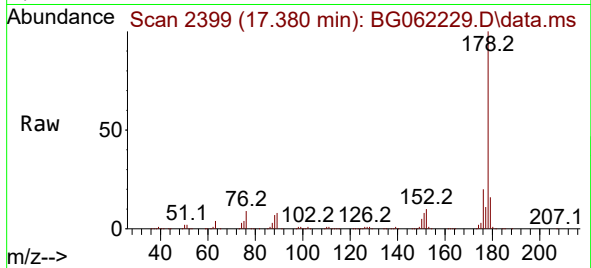




#72
Phenanthrene
Concen: 28.074 ng/ul
RT: 17.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

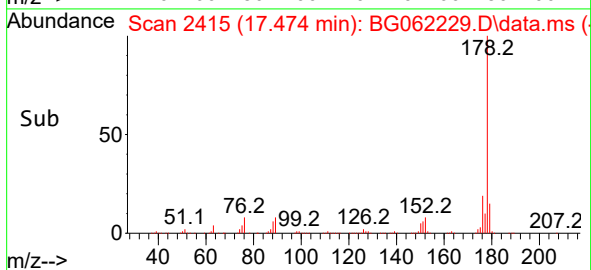
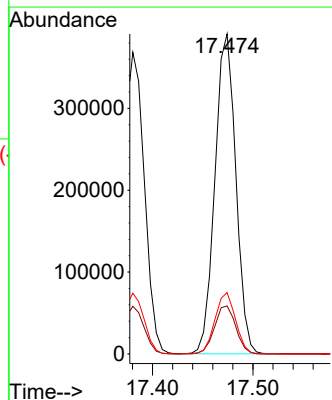
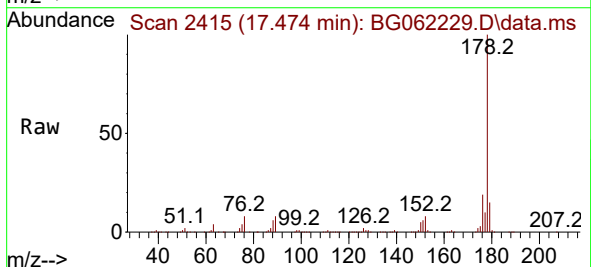
Instrument :
BNA_G
ClientSampleId :
SLCS406

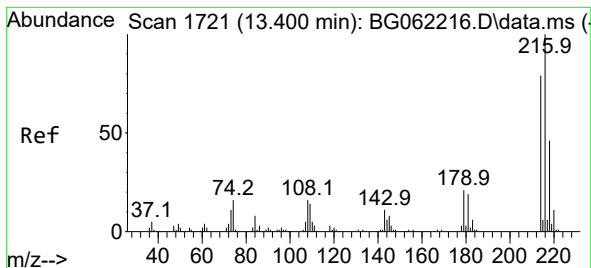
Tgt Ion:178 Resp: 559145
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 20.1 15.3 22.9



#74
Anthracene
Concen: 27.381 ng/ul
RT: 17.474 min Scan# 2415
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:178 Resp: 564503
Ion Ratio Lower Upper
178 100
179 15.0 12.6 18.8
176 19.2 14.9 22.3

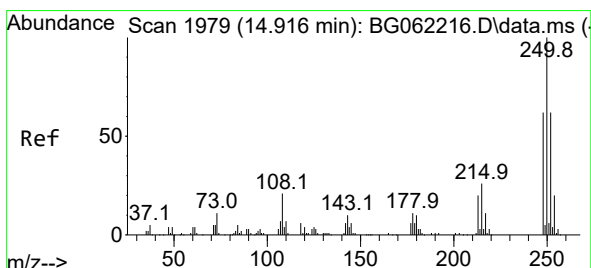
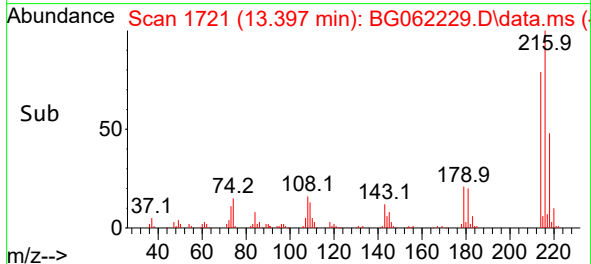
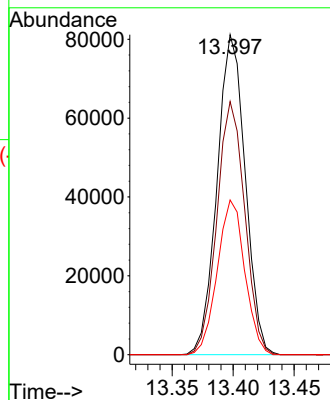
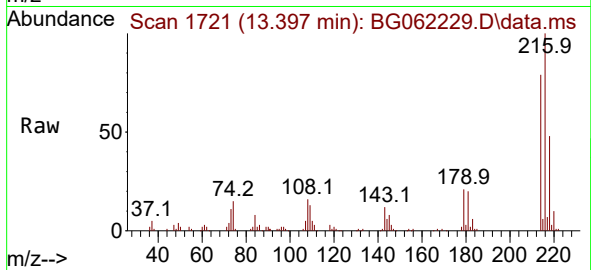




#75
1,2,3,4-Tetrachlorobenzene
Concen: 28.614 ng/ul
RT: 13.397 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

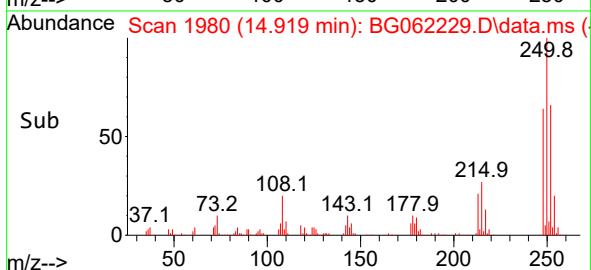
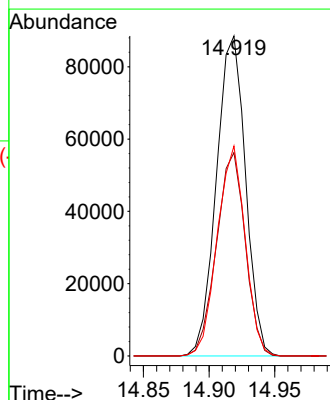
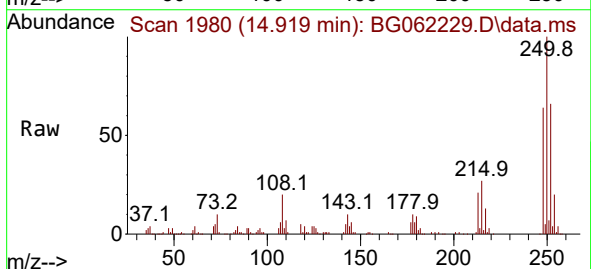
Instrument :
BNA_G
ClientSampleId :
SLCS406

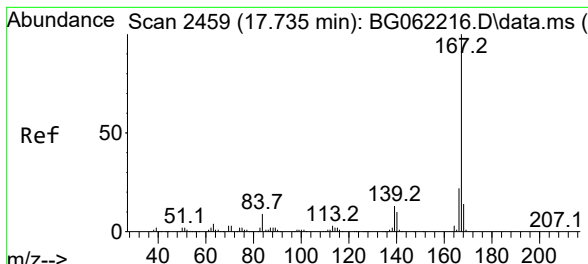
Tgt Ion:216 Resp: 130288
Ion Ratio Lower Upper
216 100
214 79.1 62.8 94.2
218 48.4 36.7 55.1



#76
Pentachlorobenzene
Concen: 28.401 ng/ul
RT: 14.919 min Scan# 1980
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:250 Resp: 136752
Ion Ratio Lower Upper
250 100
248 63.5 49.8 74.8
252 65.6 49.7 74.5



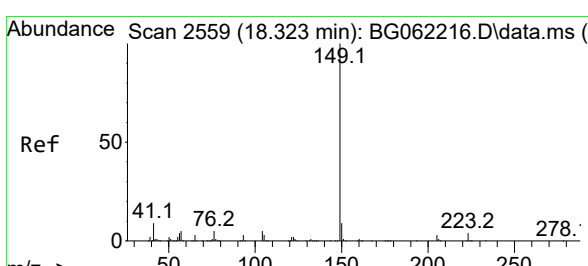
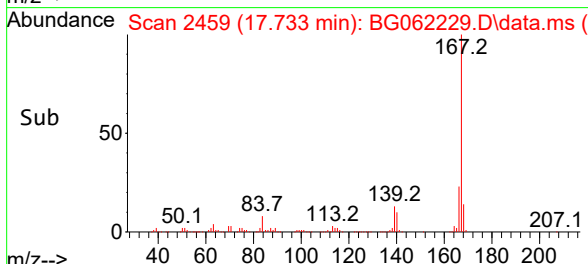
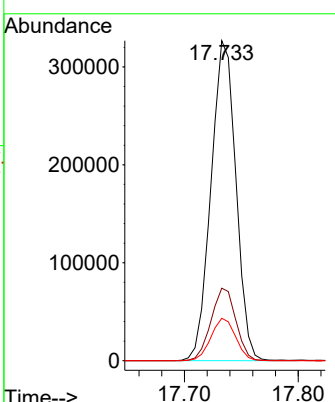
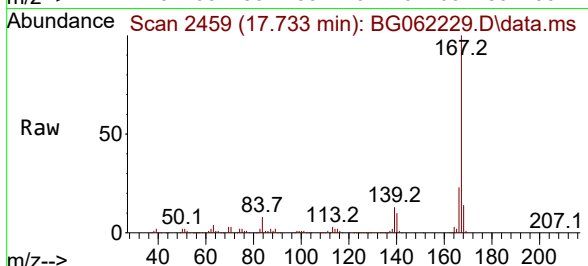


#77
 Carbazole
 Concen: 29.401 ng/ul
 RT: 17.733 min Scan# 2459
 Delta R.T. -0.003 min
 Lab File: BG062229.D
 Acq: 31 Jul 2024 22:29

Instrument : BNA_G
 ClientSampleId : SLCS406

Tgt Ion:167 Resp: 497452

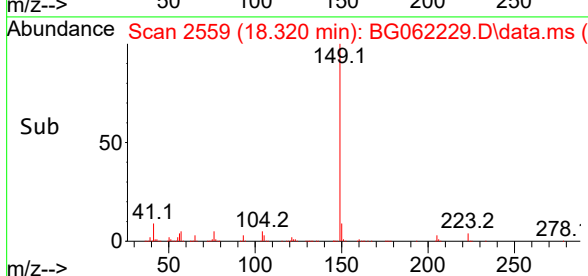
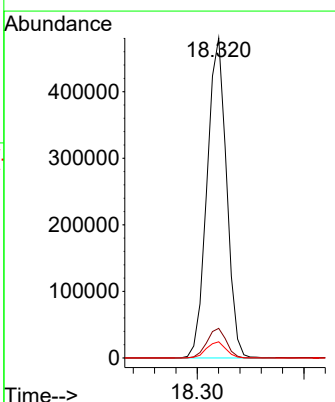
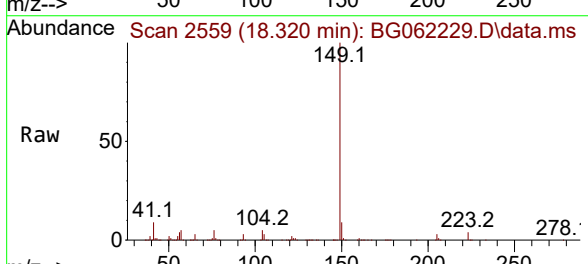
Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.7	26.5
139	13.2	10.4	15.6

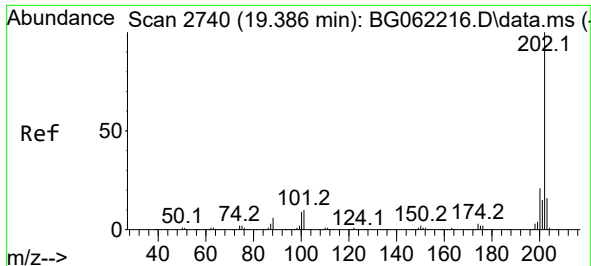


#78
 Di-n-butylphthalate
 Concen: 28.998 ng/ul
 RT: 18.320 min Scan# 2559
 Delta R.T. -0.003 min
 Lab File: BG062229.D
 Acq: 31 Jul 2024 22:29

Tgt Ion:149 Resp: 608459

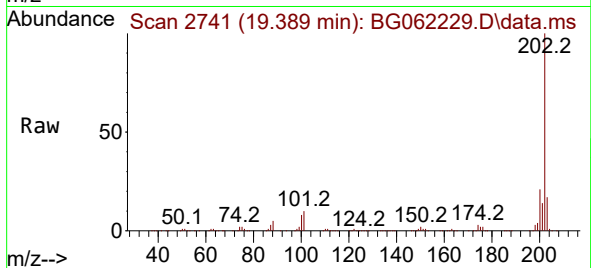
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	5.0	4.2	6.2



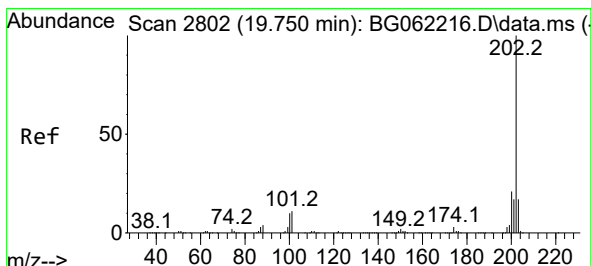
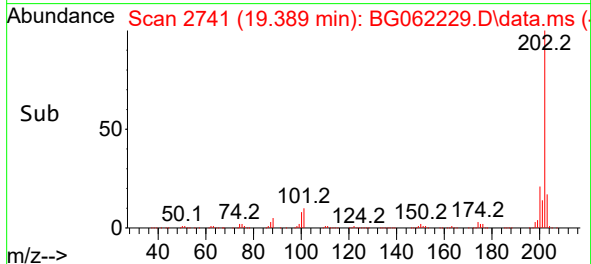
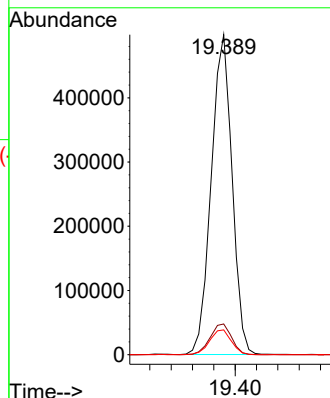


#80
Fluoranthene
Concen: 27.939 ng/ul
RT: 19.389 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Instrument :
BNA_G
ClientSampleId :
SLCS406

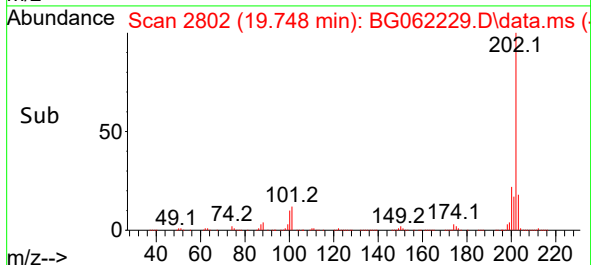
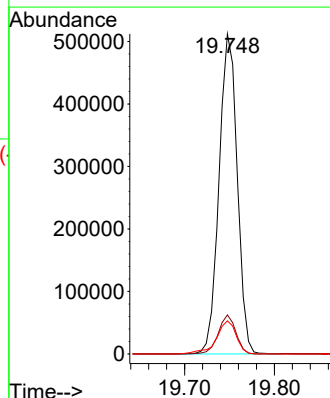
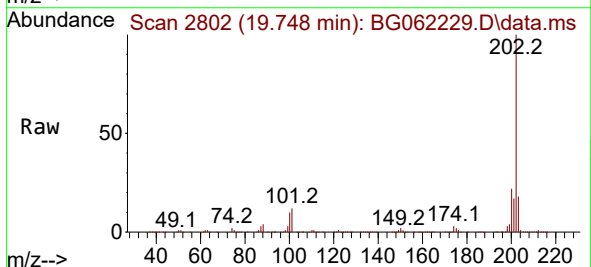


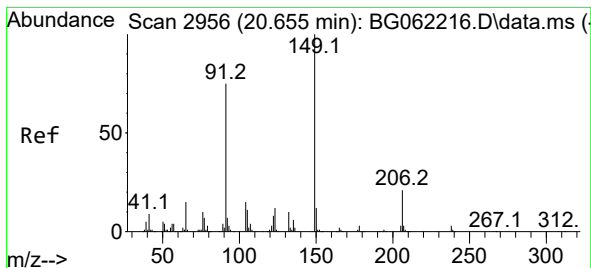
Tgt Ion:202 Resp: 676162
Ion Ratio Lower Upper
202 100
101 9.6 8.2 12.4
100 7.8 6.9 10.3



#82
Pyrene
Concen: 28.567 ng/ul
RT: 19.748 min Scan# 2802
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:202 Resp: 720686
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.6
100 10.3 8.0 12.0





#83

Butylbenzylphthalate

Concen: 31.211 ng/ul

RT: 20.652 min Scan# 2956

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Instrument :

BNA_G

ClientSampleId :

SLCS406

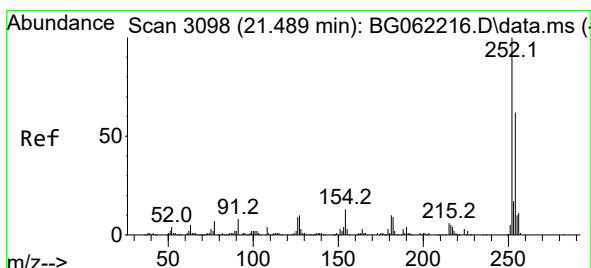
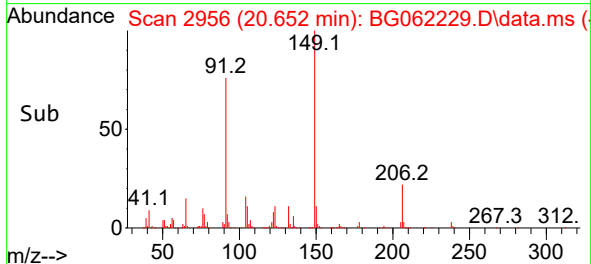
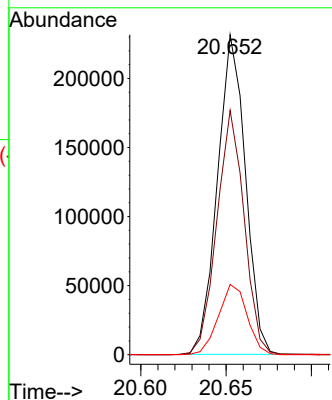
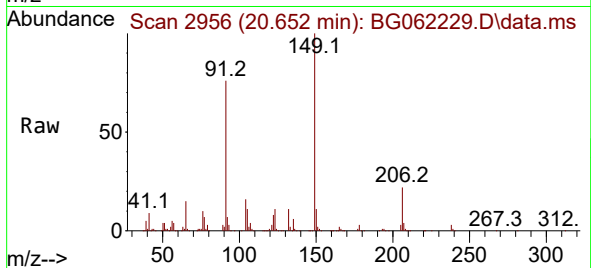
Tgt Ion:149 Resp: 264217

Ion Ratio Lower Upper

149 100

91 76.4 60.0 90.0

206 21.9 17.2 25.8



#84

3,3'-Dichlorobenzidine

Concen: 29.815 ng/ul

RT: 21.486 min Scan# 3098

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

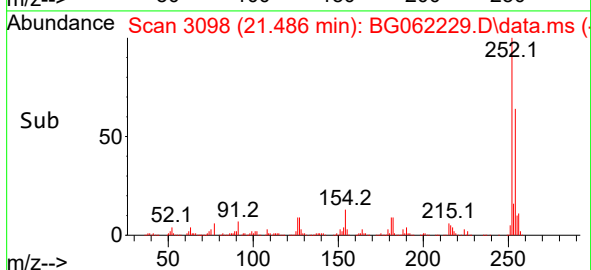
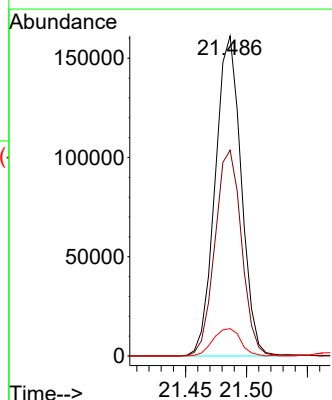
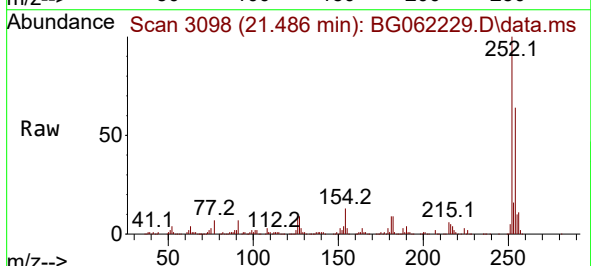
Tgt Ion:252 Resp: 239354

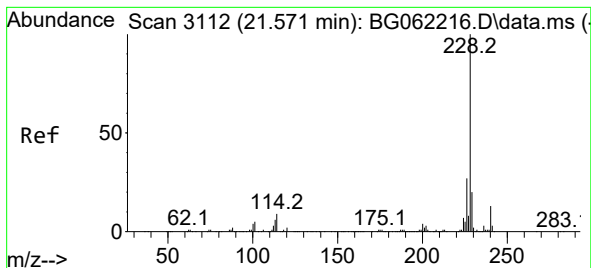
Ion Ratio Lower Upper

252 100

254 64.3 49.7 74.5

126 8.5 6.9 10.3





#85

Benzo(a)anthracene

Concen: 27.909 ng/ul

RT: 21.569 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Instrument :

BNA_G

ClientSampleId :

SLCS406

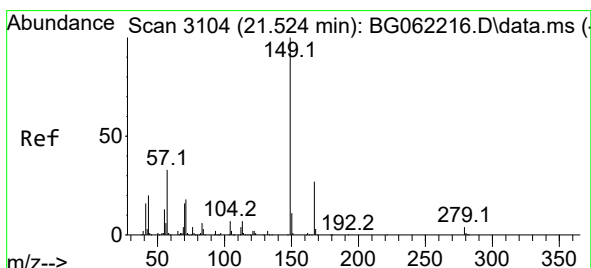
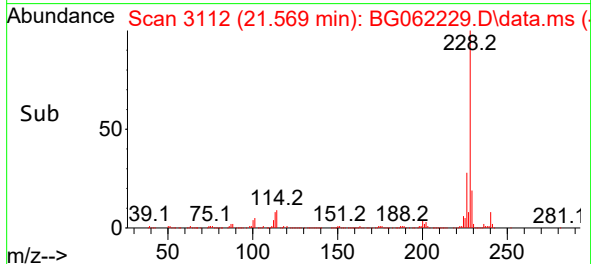
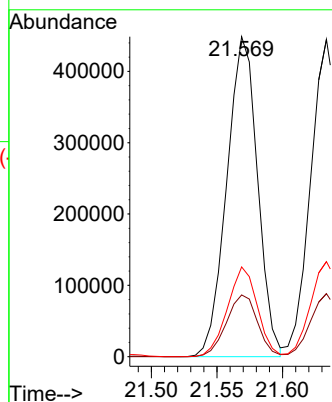
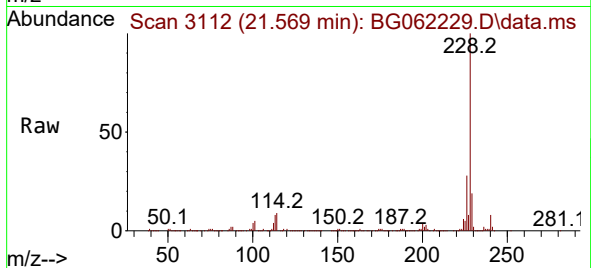
Tgt Ion:228 Resp: 732240

Ion Ratio Lower Upper

228 100

229 19.3 15.9 23.9

226 28.1 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 29.862 ng/ul

RT: 21.516 min Scan# 3103

Delta R.T. -0.009 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

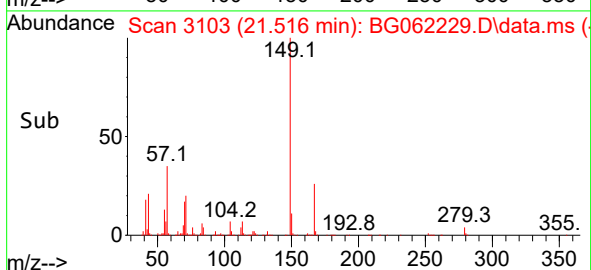
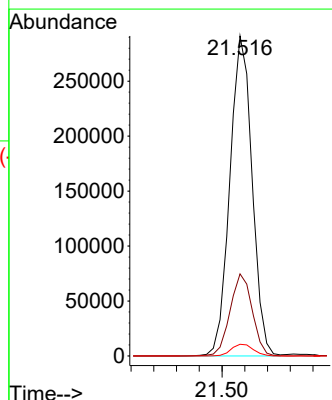
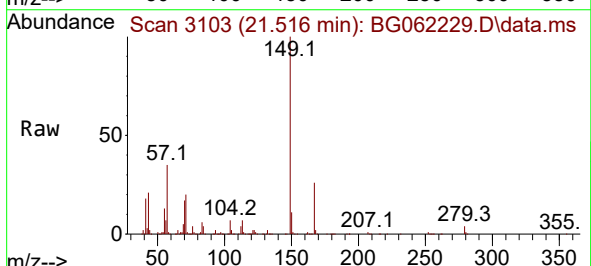
Tgt Ion:149 Resp: 395176

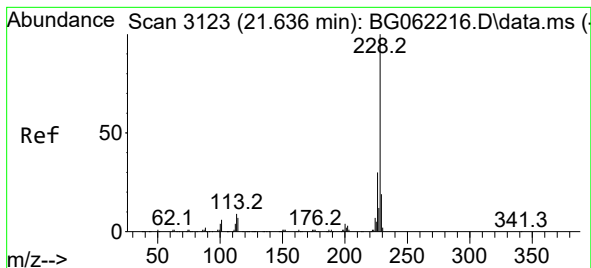
Ion Ratio Lower Upper

149 100

167 25.6 21.4 32.0

279 3.7 2.8 4.2





#87

Chrysene

Concen: 28.394 ng/ul

RT: 21.633 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Instrument :

BNA_G

ClientSampleId :

SLCS406

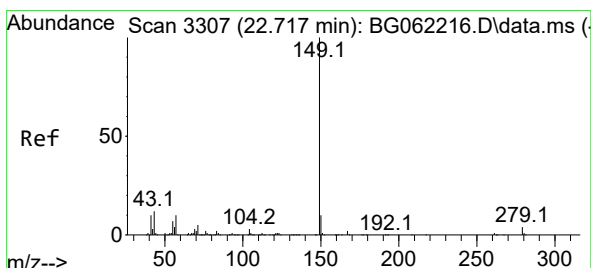
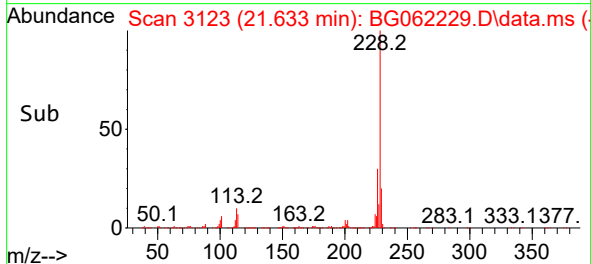
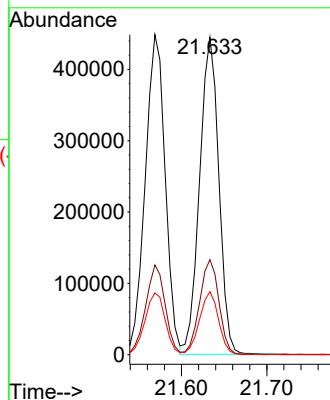
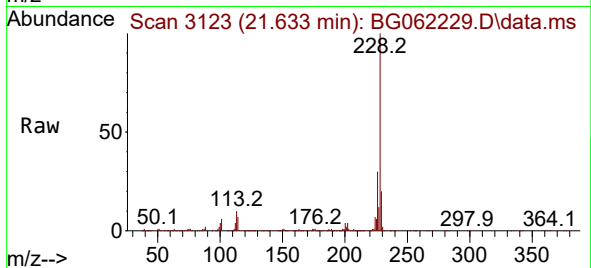
Tgt Ion:228 Resp: 696233

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 29.675 ng/ul

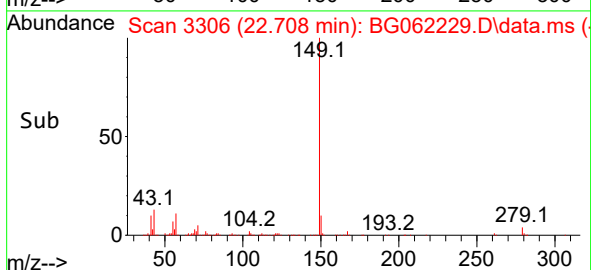
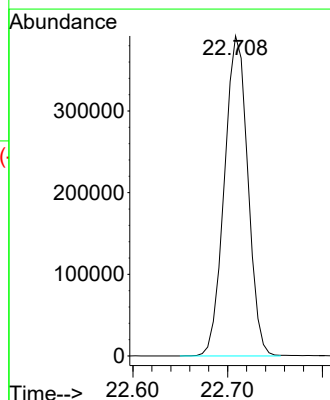
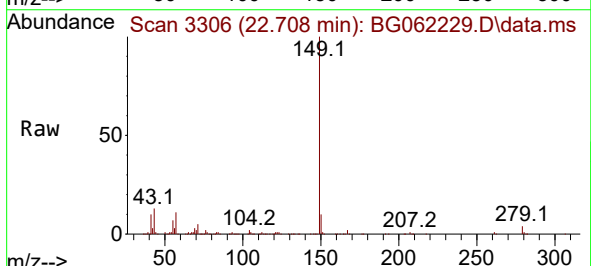
RT: 22.708 min Scan# 3306

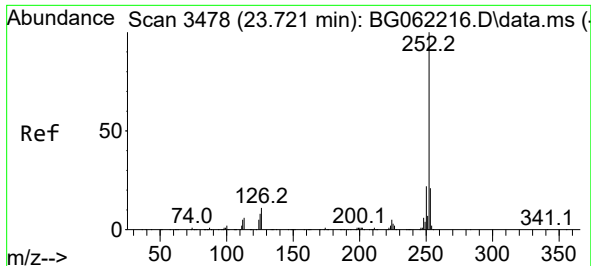
Delta R.T. -0.009 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Tgt Ion:149 Resp: 673840

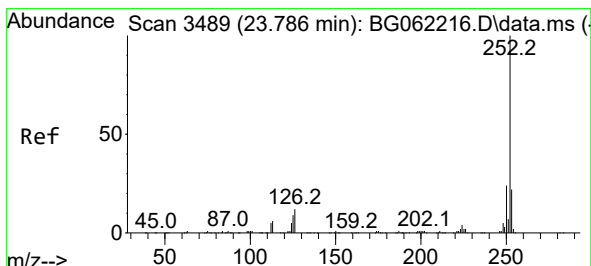
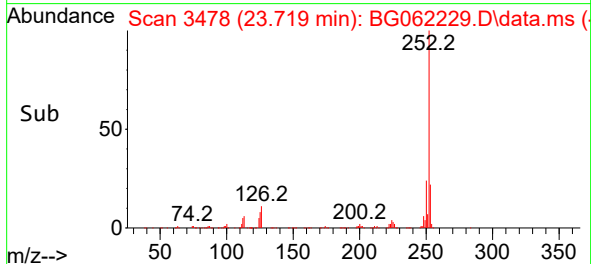
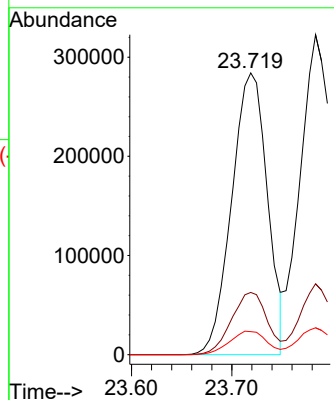
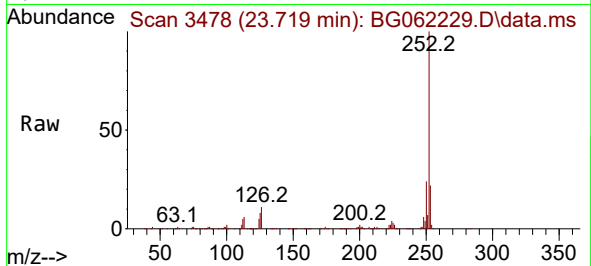




#90
Benzo(b)fluoranthene
Concen: 27.894 ng/ul
RT: 23.719 min Scan# 3478
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

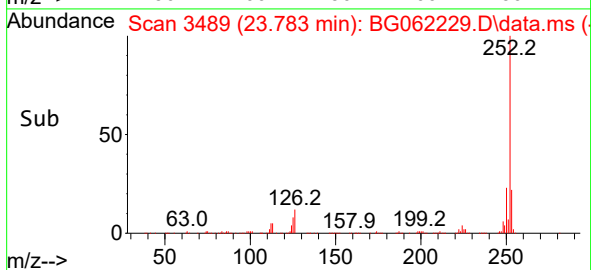
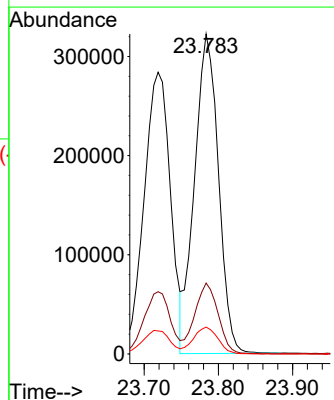
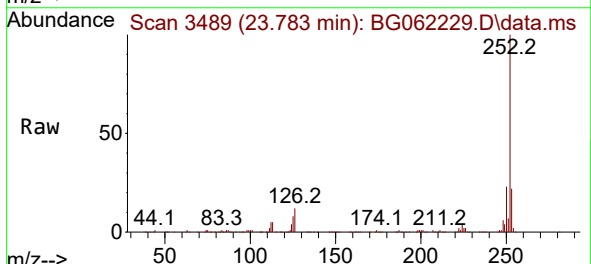
Instrument :
BNA_G
ClientSampleId :
SLCS406

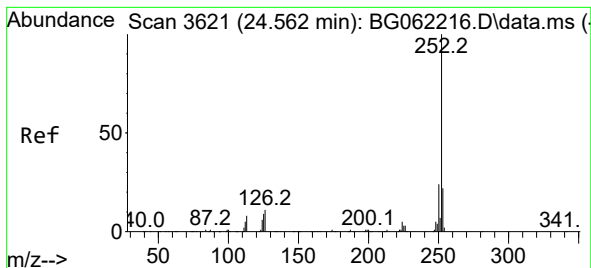
Tgt Ion:252 Resp: 701872
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 8.2 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 28.807 ng/ul
RT: 23.783 min Scan# 3489
Delta R.T. -0.003 min
Lab File: BG062229.D
Acq: 31 Jul 2024 22:29

Tgt Ion:252 Resp: 720570
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 26.833 ng/ul

RT: 24.559 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Instrument :

BNA_G

ClientSampleId :

SLCS406

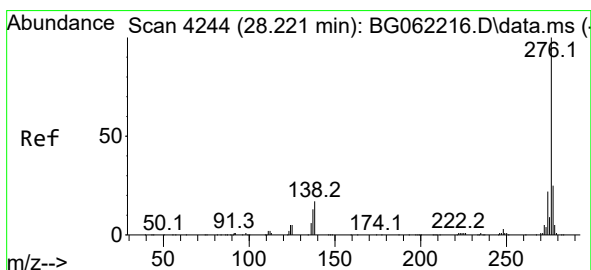
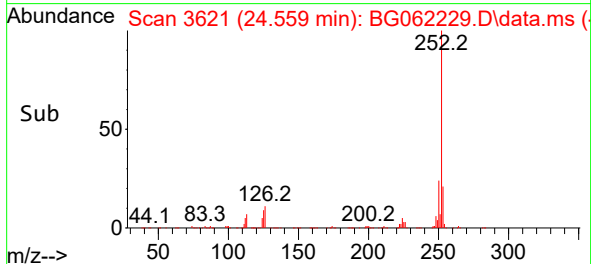
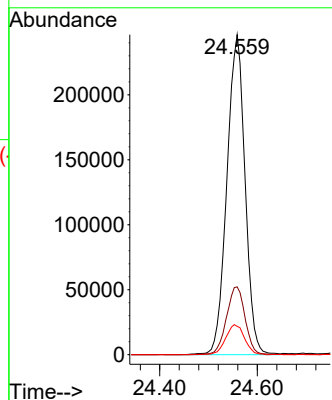
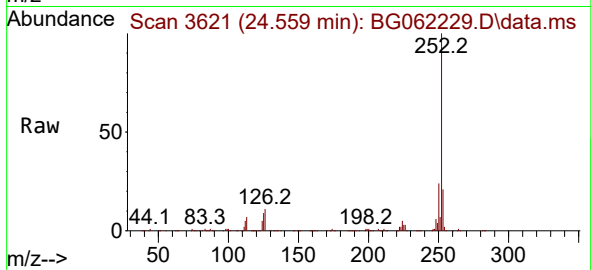
Tgt Ion:252 Resp: 638529

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 8.9 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 28.781 ng/ul

RT: 28.224 min Scan# 4245

Delta R.T. 0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

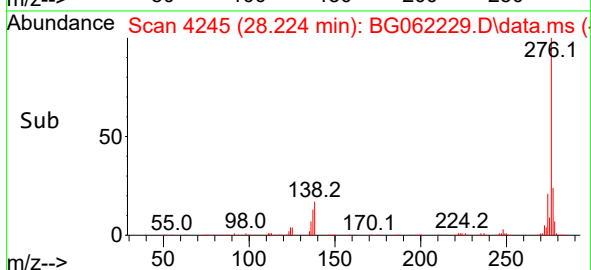
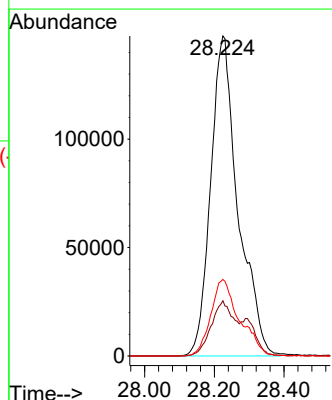
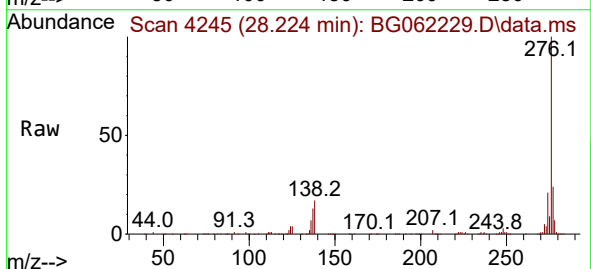
Tgt Ion:276 Resp: 805274

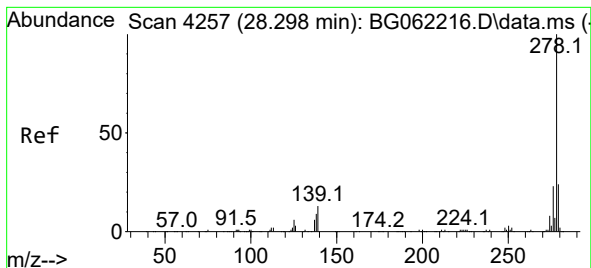
Ion Ratio Lower Upper

276 100

138 17.3 13.5 20.3

277 23.9 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 28.053 ng/ul

RT: 28.295 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Instrument :

BNA_G

ClientSampleId :

SLCS406

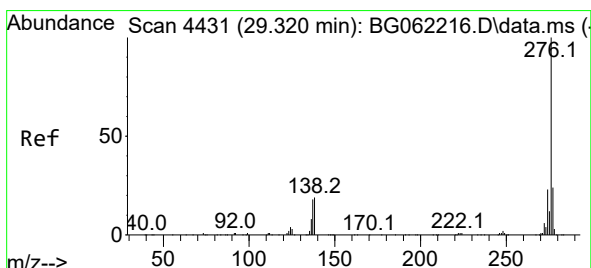
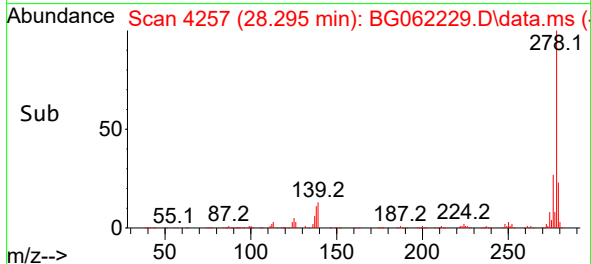
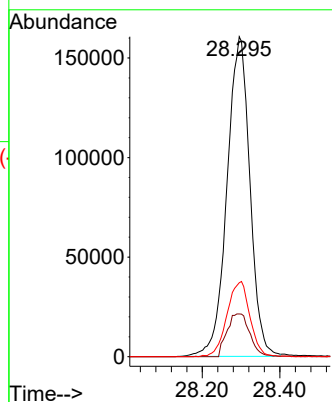
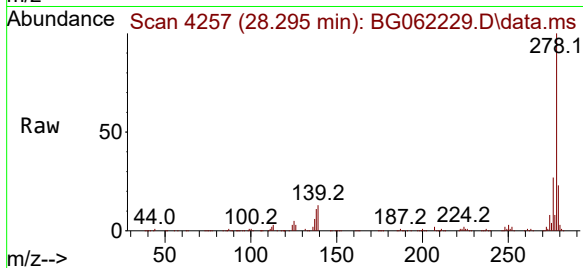
Tgt Ion:278 Resp: 658108

Ion Ratio Lower Upper

278 100

139 13.4 10.2 15.2

279 23.1 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 27.926 ng/ul

RT: 29.323 min Scan# 4432

Delta R.T. 0.003 min

Lab File: BG062229.D

Acq: 31 Jul 2024 22:29

Tgt Ion:276 Resp: 627203

Ion Ratio Lower Upper

276 100

138 17.7 15.4 23.2

277 24.3 19.4 29.0

