

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062241.D
 Acq On : 5 Aug 2024 17:15
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020589

Quant Time: Aug 06 02:41:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 02:21:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	47776	20.000	ng/u1	0.00
20) Naphthalene-d8	10.760	136	218429	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.584	164	153188	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	364235	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	355195	20.000	ng/u1	0.00
88) Perylene-d12	24.665	264	409872	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	8737	7.885	ng/uL	0.00
4) Pyridine-d5	3.828	84	66343	19.033	ng/u1	0.00
7) Phenol-d5	7.118	99	90152	19.770	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	54977	19.585	ng/u1	0.00
11) 2-Chlorophenol-d4	7.494	132	64687	19.799	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	74803	19.694	ng/u1	0.00
21) Nitrobenzene-d5	9.115	128	30370	22.549	ng/u1	0.00
24) 2-Nitrophenol-d4	9.838	143	29248	23.084	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.373	165	74996	20.380	ng/u1	0.00
31) 4-Chloroaniline-d4	10.884	131	108343	20.299	ng/u1	0.00
46) Dimethylphthalate-d6	13.997	166	237930	20.131	ng/u1	0.00
49) Acenaphthylene-d8	14.279	160	273288	20.394	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	34015	20.557	ng/u1	0.00
60) Fluorene-d10	15.577	176	232067	21.875	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	20459	18.966	ng/u1	0.00
73) Anthracene-d10	17.422	188	355751	20.250	ng/u1	0.00
81) Pyrene-d10	19.707	212	423256	20.048	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.453	264	444061	20.267	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.458	88	10098	8.073	ng/uL	99
5) Pyridine	3.852	79	69940	19.304	ng/u1	96
6) Benzaldehyde	7.101	77	54731	22.711	ng/u1	99
8) Phenol	7.142	94	92957	19.319	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.388	93	70115	19.662	ng/u1	99
12) 2-Chlorophenol	7.529	128	69104	19.908	ng/u1	97
13) 2-Methylphenol	8.399	108	70441	19.415	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.487	45	145170	19.925	ng/u1	99
16) Acetophenone	8.781	105	122270	20.214	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	65673	20.429	ng/u1	95
18) 4-Methylphenol	8.722	108	80386	19.785	ng/u1	99
19) Hexachloroethane	9.051	117	26730	20.721	ng/u1	96
22) Nitrobenzene	9.157	77	85366	22.288	ng/u1	98
23) Isophorone	9.685	82	183114	19.873	ng/u1	99
25) 2-Nitrophenol	9.867	139	35053	22.808	ng/u1	97
26) 2,4-Dimethylphenol	9.926	107	87588	19.911	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.167	93	105569	20.316	ng/u1	99
29) 2,4-Dichlorophenol	10.402	162	76921	20.624	ng/u1	97
30) Naphthalene	10.813	128	250748	20.196	ng/u1	99
32) 4-Chloroaniline	10.913	127	105226	20.171	ng/u1	99
33) Hexachlorobutadiene	11.107	225	57396	20.333	ng/u1	98
34) Caprolactam	11.647	113	25831	19.800	ng/u1	97
35) 4-Chloro-3-methylphenol	12.023	107	87715	20.958	ng/u1	97
36) 2-Methylnaphthalene	12.417	142	176403	20.623	ng/u1	100

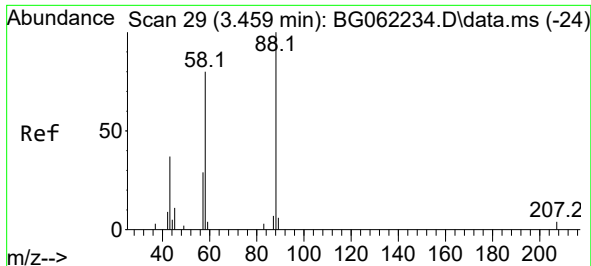
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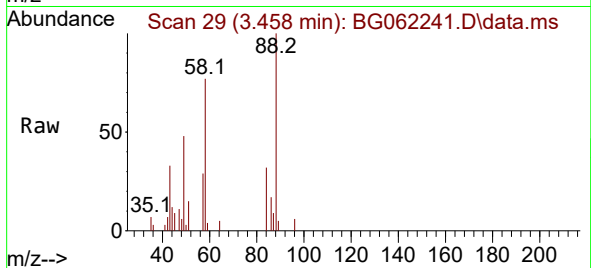
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	174008	19.635	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.781	216	107987	21.592	ng/ul	96
40) Hexachlorocyclopentadiene	12.769	237	40755	20.968	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	65008	22.411	ng/ul	97
42) 2,4,5-Trichlorophenol	13.081	196	72736	23.273	ng/ul	96
43) 1,1'-Biphenyl	13.421	154	242604	20.903	ng/ul	99
44) 2-Chloronaphthalene	13.462	162	187939	20.839	ng/ul	99
45) 2-Nitroaniline	13.650	65	54593	23.768	ng/ul	96
47) Dimethylphthalate	14.044	163	243042	20.498	ng/ul	100
48) 2,6-Dinitrotoluene	14.150	165	39034	24.112	ng/ul	97
50) Acenaphthylene	14.308	152	294541	20.628	ng/ul	99
51) 3-Nitroaniline	14.473	138	40293	21.863	ng/ul#	98
52) Acenaphthene	14.649	153	214259	20.155	ng/ul	99
53) 2,4-Dinitrophenol	14.673	184	10492	16.299	ng/ul#	64
55) 4-Nitrophenol	14.772	109	30611	20.682	ng/ul	94
56) Dibenzofuran	14.984	168	321205	21.872	ng/ul	99
57) 2,4-Dinitrotoluene	14.937	165	57383	25.840	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.201	232	64974	23.087	ng/ul	98
59) Diethylphthalate	15.413	149	260611	21.767	ng/ul	98
61) Fluorene	15.630	166	252898	22.023	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.630	204	129445	21.864	ng/ul	98
63) 4-Nitroaniline	15.636	138	42769	24.080	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.695	198	23381	18.812	ng/ul	95
67) N-Nitrosodiphenylamine	15.836	169	221864	20.327	ng/ul	97
68) 4-Bromophenyl-phenylether	16.523	248	86286	20.792	ng/ul	97
69) Hexachlorobenzene	16.635	284	98587	20.421	ng/ul	96
70) Atrazine	16.787	200	85429	20.430	ng/ul	99
71) Pentachlorophenol	16.970	266	49273	19.383	ng/ul	99
72) Phenanthrene	17.369	178	416364	20.310	ng/ul	98
74) Anthracene	17.457	178	427927	20.338	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	107480	19.703	ng/ul	99
76) Pentachlorobenzene	14.902	250	110391	19.343	ng/ul	94
77) Carbazole	17.721	167	354363	20.536	ng/ul	100
78) Di-n-butylphthalate	18.303	149	429317	20.909	ng/ul	99
80) Fluoranthene	19.372	202	484781	20.308	ng/ul	98
82) Pyrene	19.736	202	511648	20.127	ng/ul	99
83) Butylbenzylphthalate	20.635	149	184104	20.984	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	178161	22.283	ng/ul	100
85) Benzo(a)anthracene	21.552	228	528621	20.322	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.499	149	280412	20.708	ng/ul	97
87) Chrysene	21.616	228	500321	20.374	ng/ul	99
89) Di-n-octyl phthalate	22.679	149	484921	20.769	ng/ul	100
90) Benzo(b)fluoranthene	23.690	252	503939	20.212	ng/ul	99
91) Benzo(k)fluoranthene	23.754	252	513894	20.260	ng/ul	99
93) Benzo(a)pyrene	24.524	252	481130	20.394	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.160	276	611523	20.003	ng/ul	99
95) Dibenzo(a,h)anthracene	28.237	278	499103	19.988	ng/ul	100
96) Benzo(g,h,i)perylene	29.247	276	463063	19.947	ng/ul	97

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



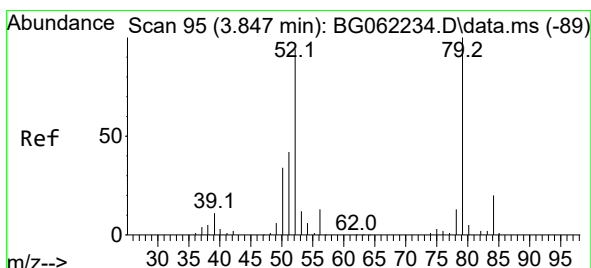
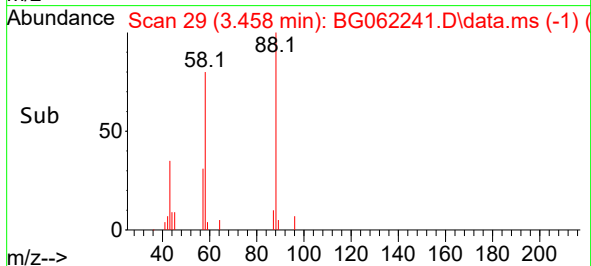
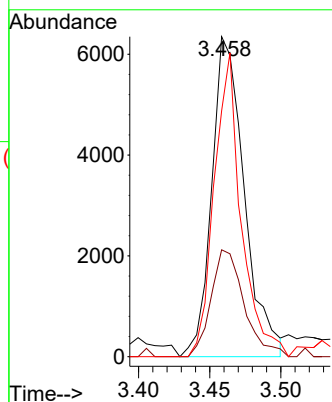
#2
1,4-Dioxane
Concen: 8.073 ng/uL
RT: 3.458 min Scan# 29
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Instrument :
BNA_G
ClientSampleId :
SSTD020589



Tgt Ion: 88 Resp: 10098

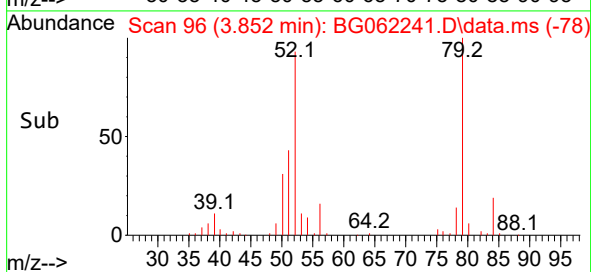
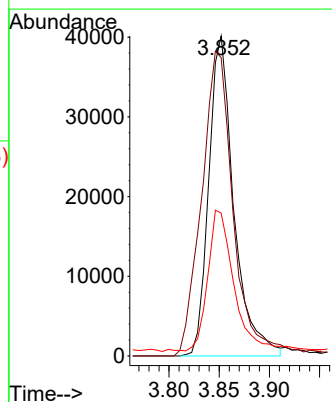
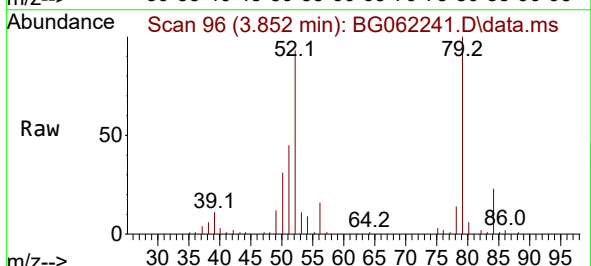
Ion	Ratio	Lower	Upper
88	100		
43	33.4	28.5	42.7
58	76.8	61.2	91.8

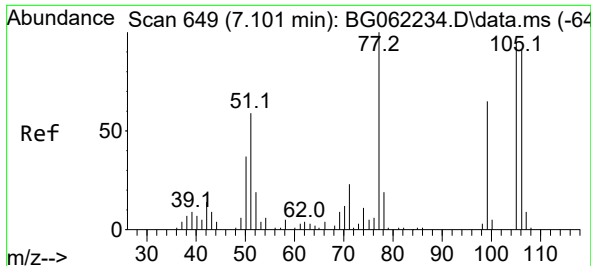


#5
Pyridine
Concen: 19.304 ng/uL
RT: 3.852 min Scan# 96
Delta R.T. 0.005 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion: 79 Resp: 69940

Ion	Ratio	Lower	Upper
79	100		
52	93.2	78.2	117.2
51	44.7	35.1	52.7

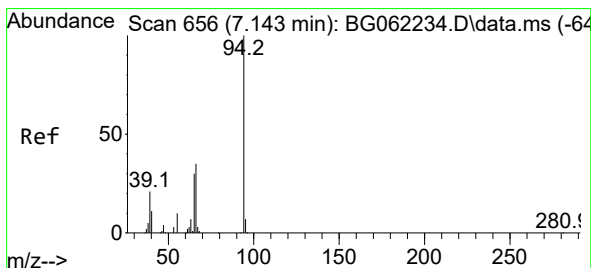
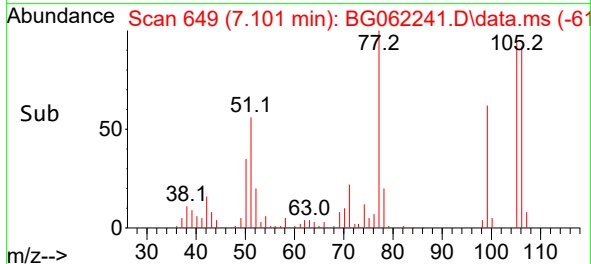
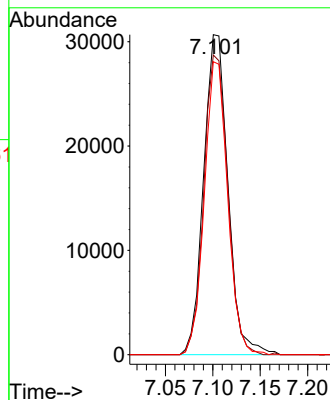
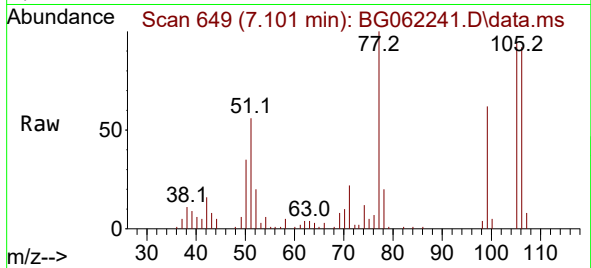




#6
Benzaldehyde
Concen: 22.711 ng/ul
RT: 7.101 min Scan# 649
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

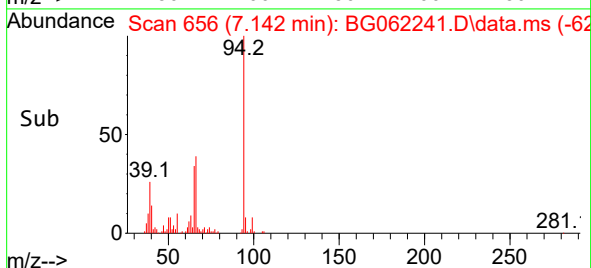
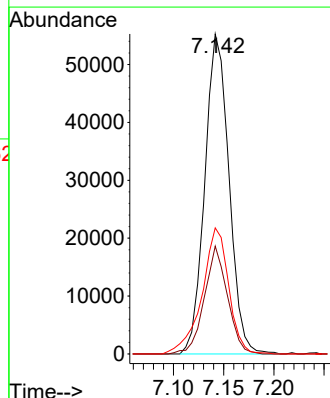
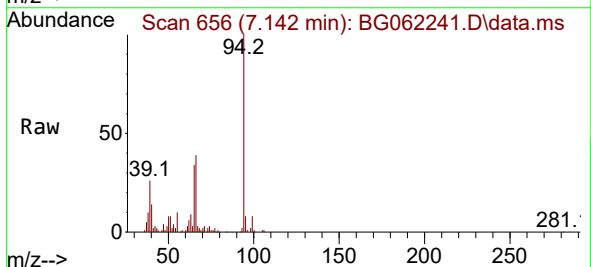
Instrument :
BNA_G
ClientSampleId :
SSTD020589

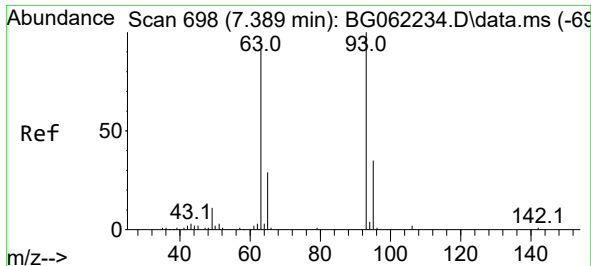
Tgt Ion: 77 Resp: 54731
Ion Ratio Lower Upper
77 100
105 93.7 76.0 114.0
106 91.6 73.1 109.7



#8
Phenol
Concen: 19.319 ng/ul
RT: 7.142 min Scan# 656
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion: 94 Resp: 92957
Ion Ratio Lower Upper
94 100
65 33.7 24.0 36.0
66 39.4 29.4 44.2

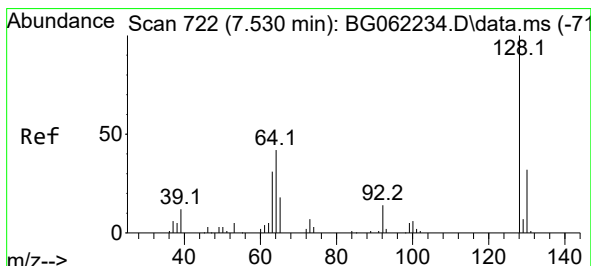
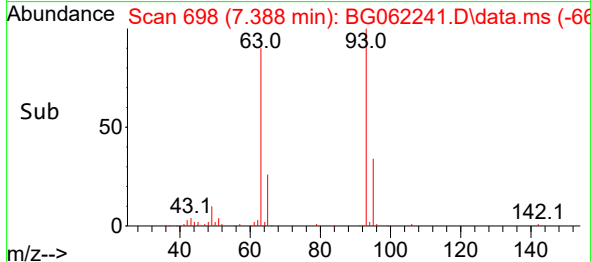
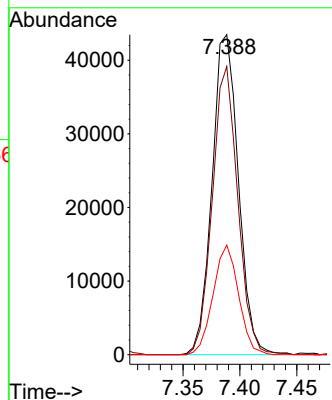
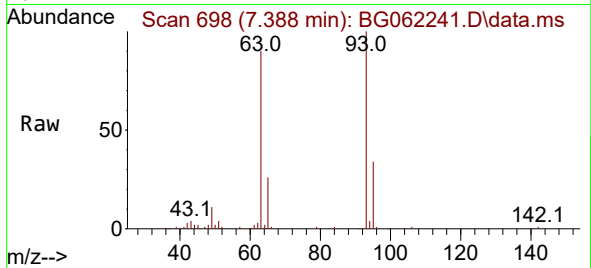




#10
Bis(2-Chloroethyl)ether
Concen: 19.662 ng/ul
RT: 7.388 min Scan# 698
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

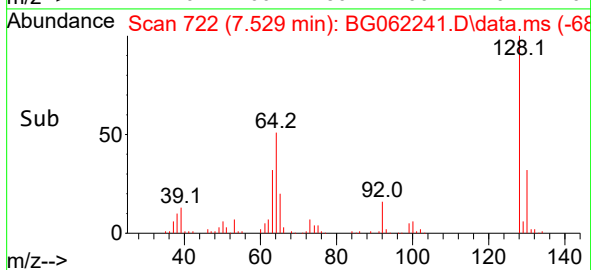
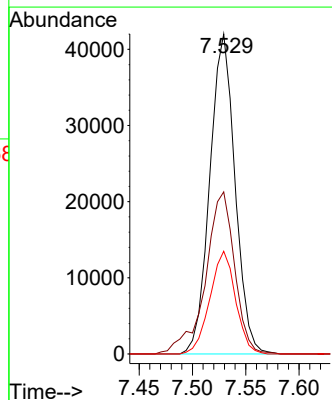
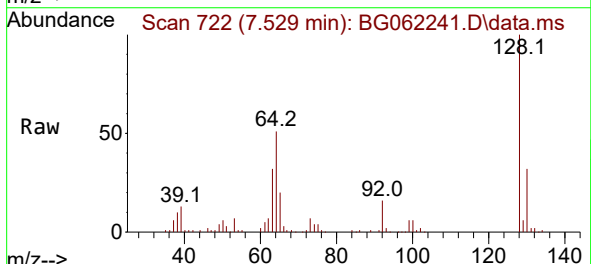
Instrument :
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ClientSampleId :
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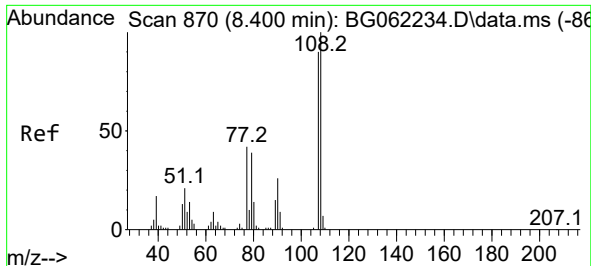
Tgt Ion: 93 Resp: 70115
Ion Ratio Lower Upper
93 100
63 90.0 72.8 109.2
95 34.2 27.6 41.4



#12
2-Chlorophenol
Concen: 19.908 ng/ul
RT: 7.529 min Scan# 722
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:128 Resp: 69104
Ion Ratio Lower Upper
128 100
64 50.6 38.2 57.4
130 32.1 25.2 37.8

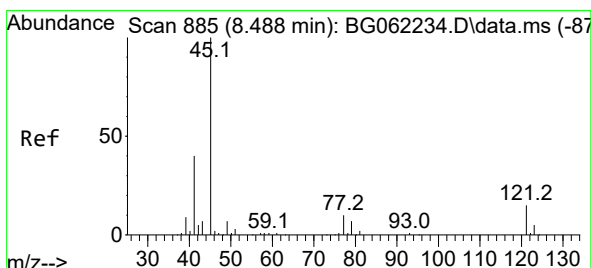
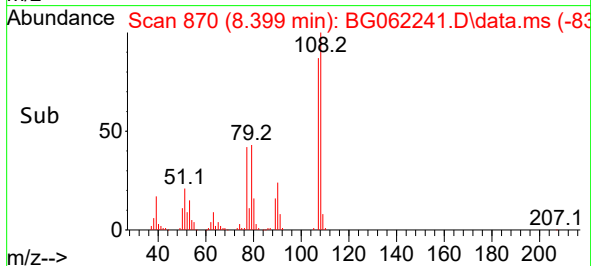
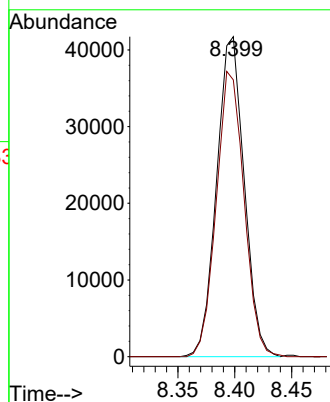
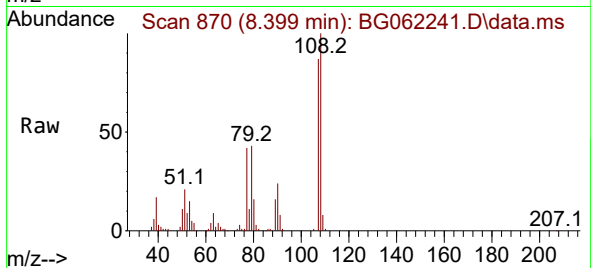




#13
2-Methylphenol
Concen: 19.415 ng/ul
RT: 8.399 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

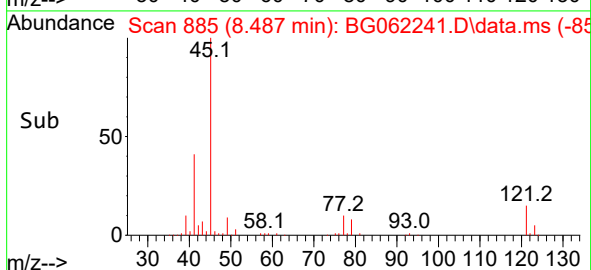
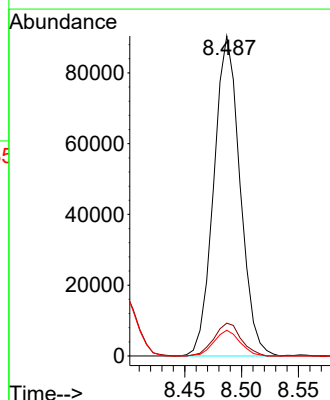
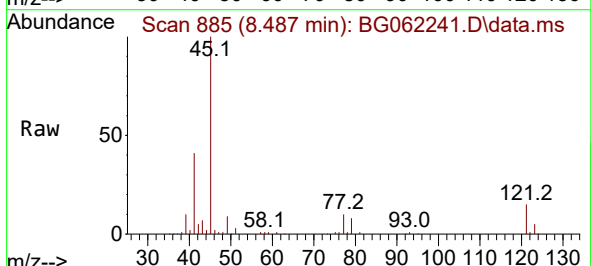
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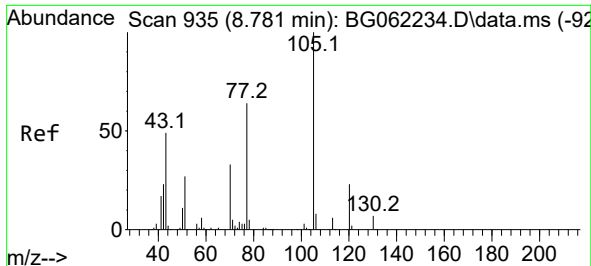
Tgt Ion:108 Resp: 70441
Ion Ratio Lower Upper
108 100
107 86.5 71.8 107.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.925 ng/ul
RT: 8.487 min Scan# 885
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion: 45 Resp: 145170
Ion Ratio Lower Upper
45 100
77 10.2 8.1 12.1
79 8.0 5.8 8.8

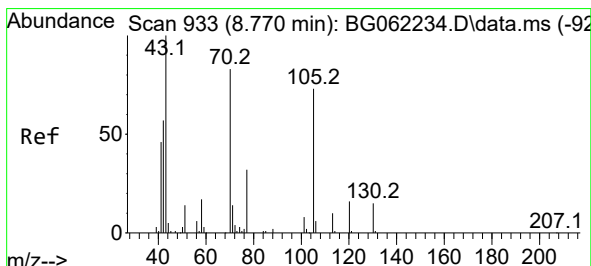
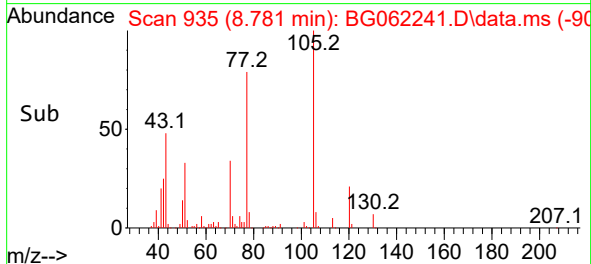
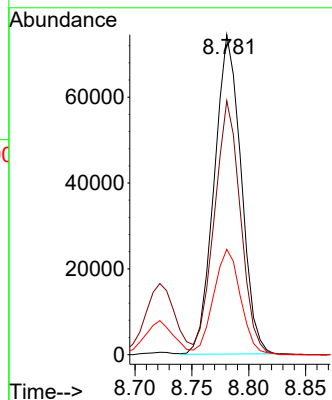
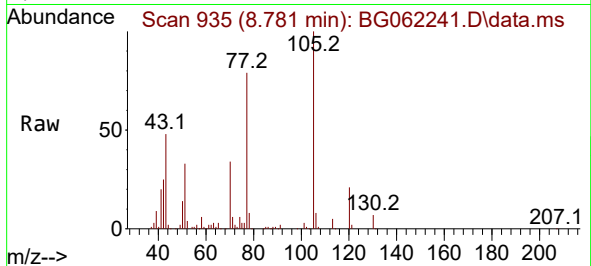




#16
Acetophenone
Concen: 20.214 ng/ul
RT: 8.781 min Scan# 911
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

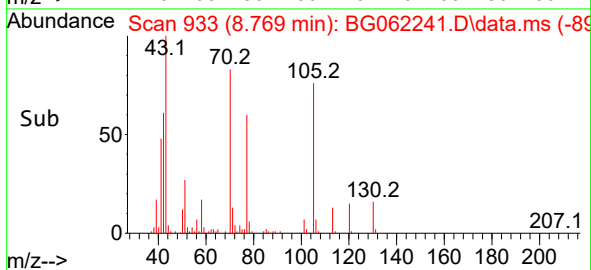
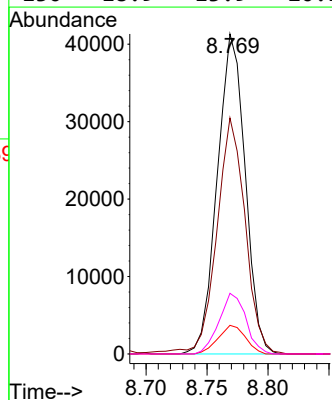
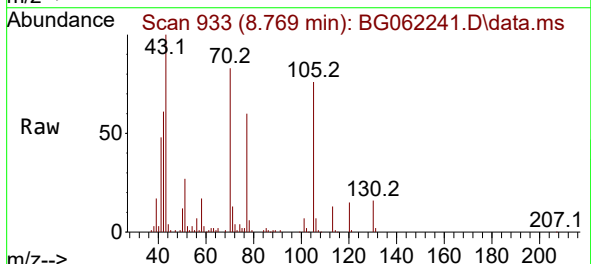
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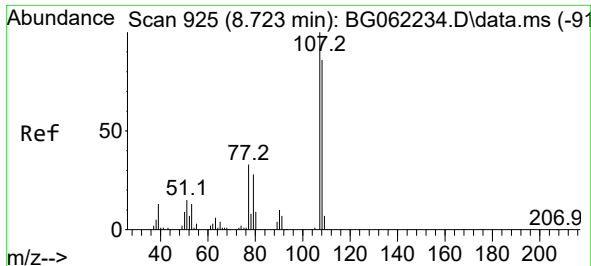
Tgt Ion:105 Resp: 122270
Ion Ratio Lower Upper
105 100
77 79.4 61.7 92.5
51 32.9 26.4 39.6



#17
N-Nitroso-di-n-propylamine
Concen: 20.429 ng/ul
RT: 8.769 min Scan# 933
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion: 70 Resp: 65673
Ion Ratio Lower Upper
70 100
42 73.7 55.4 83.0
101 9.0 7.4 11.0
130 18.9 13.9 20.9

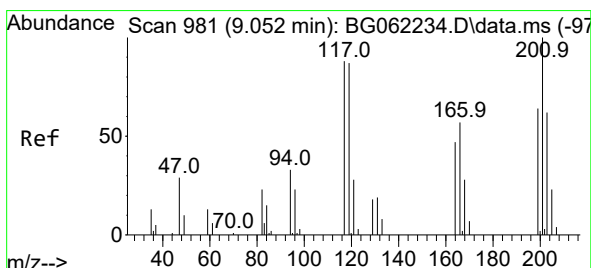
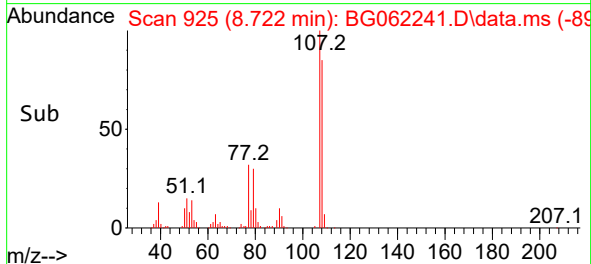
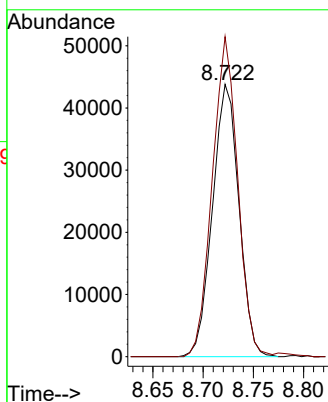
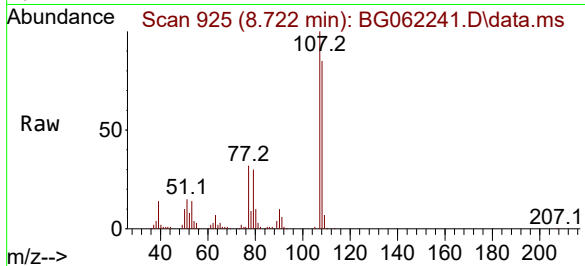




#18
4-Methylphenol
Concen: 19.785 ng/ul
RT: 8.722 min Scan# 911
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

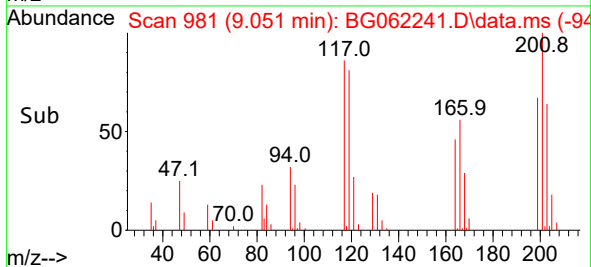
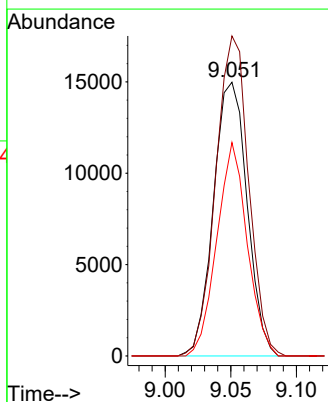
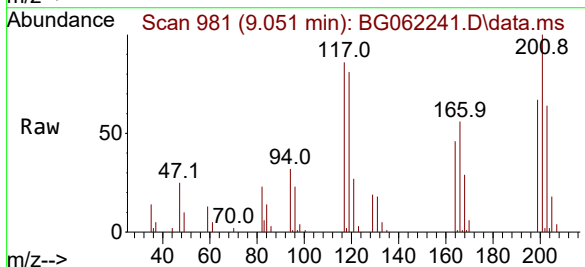
Instrument :
BNA_G
ClientSampleId :
SSTD020589

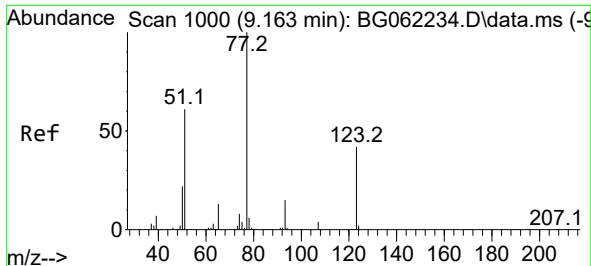
Tgt Ion:108 Resp: 80386
Ion Ratio Lower Upper
108 100
107 117.5 93.5 140.3



#19
Hexachloroethane
Concen: 20.721 ng/ul
RT: 9.051 min Scan# 981
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:117 Resp: 26730
Ion Ratio Lower Upper
117 100
201 116.9 91.4 137.0
199 78.0 58.5 87.7

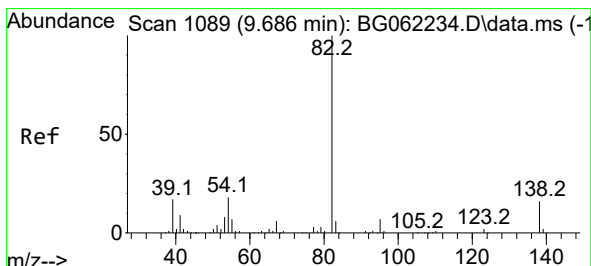
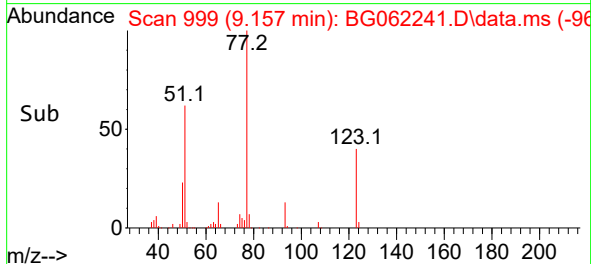
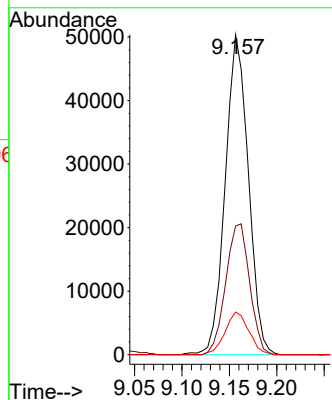
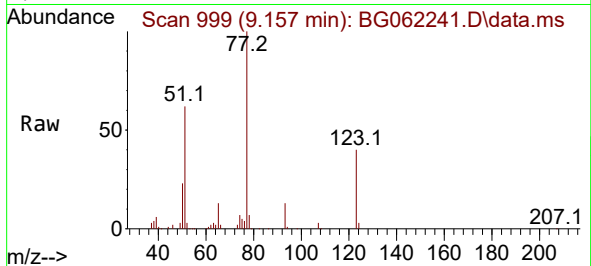




#22
Nitrobenzene
Concen: 22.288 ng/ul
RT: 9.157 min Scan# 999
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

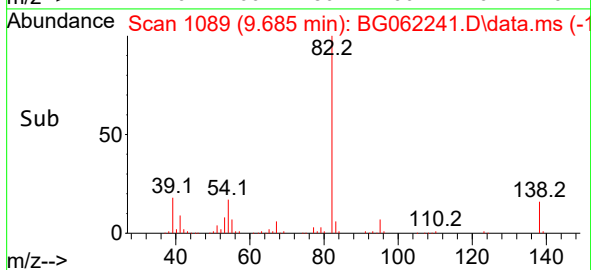
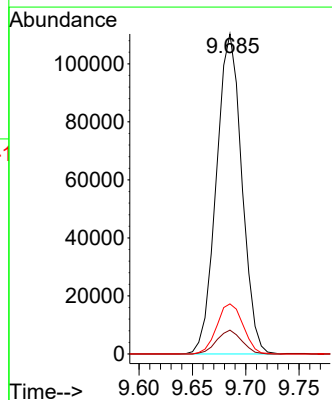
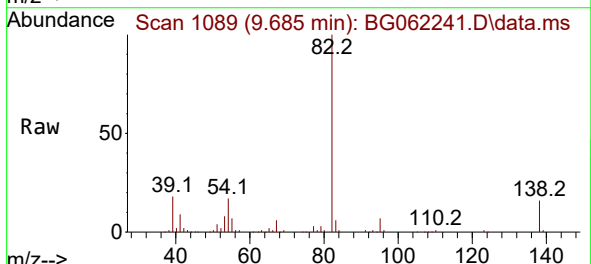
Instrument :
BNA_G
ClientSampleId :
SSTD020589

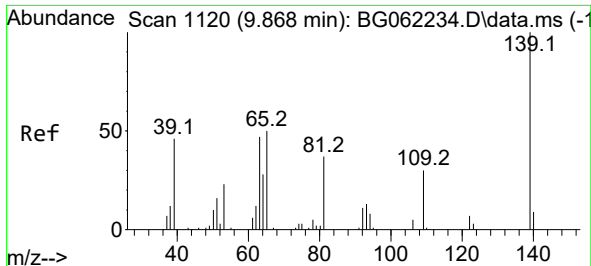
Tgt Ion: 77 Resp: 85366
Ion Ratio Lower Upper
77 100
123 40.2 33.5 50.3
65 13.4 10.6 16.0



#23
Isophorone
Concen: 19.873 ng/ul
RT: 9.685 min Scan# 1089
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion: 82 Resp: 183114
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.2
138 15.6 12.7 19.1

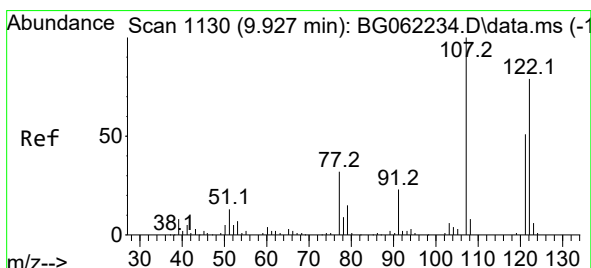
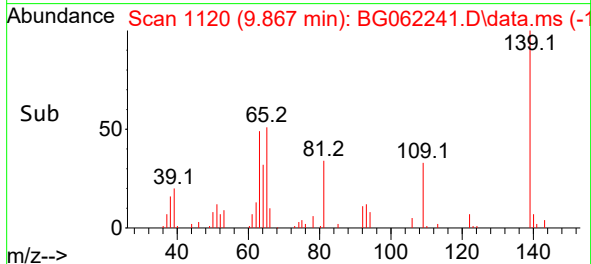
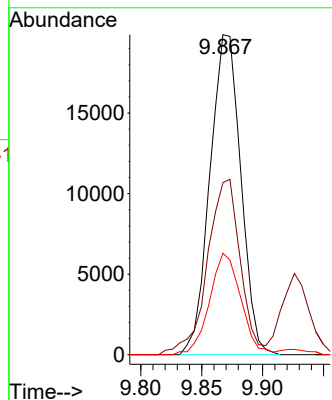
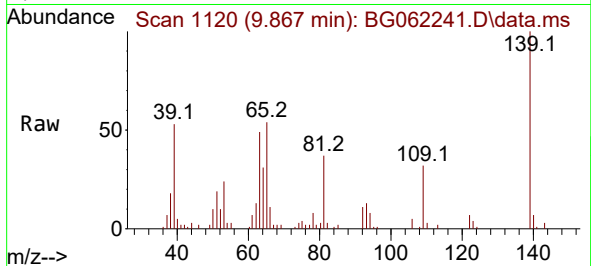




#25
2-Nitrophenol
Concen: 22.808 ng/ul
RT: 9.867 min Scan# 1120
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

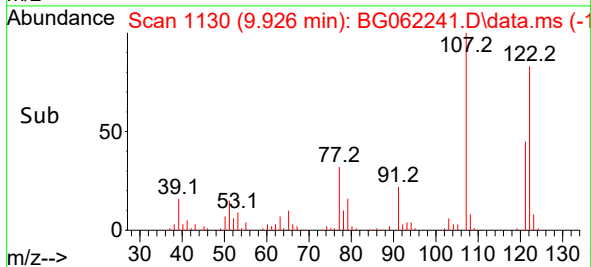
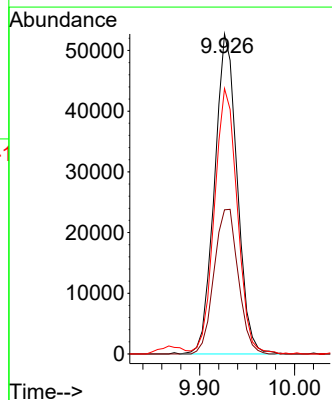
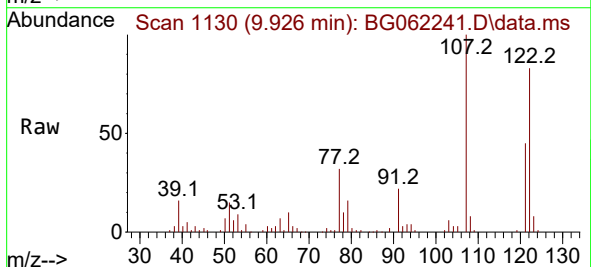
Instrument :
BNA_G
ClientSampleId :
SSTD020589

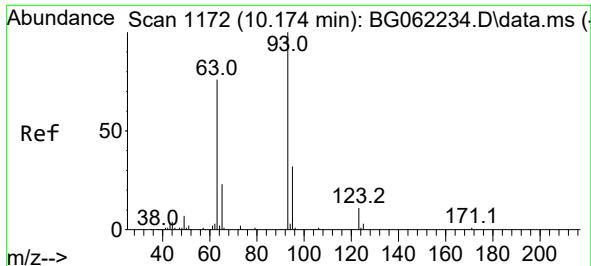
Tgt Ion:139 Resp: 35053
Ion Ratio Lower Upper
139 100
65 53.7 41.5 62.3
109 31.7 24.3 36.5



#26
2,4-Dimethylphenol
Concen: 19.911 ng/ul
RT: 9.926 min Scan# 1130
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:107 Resp: 87588
Ion Ratio Lower Upper
107 100
121 45.1 40.6 61.0
122 82.9 64.2 96.2

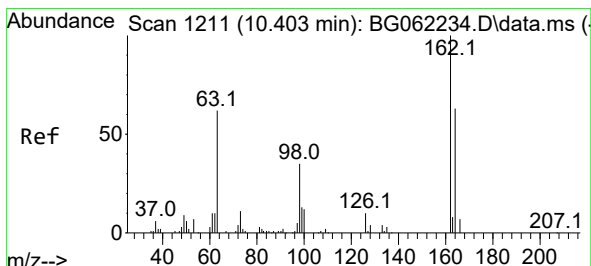
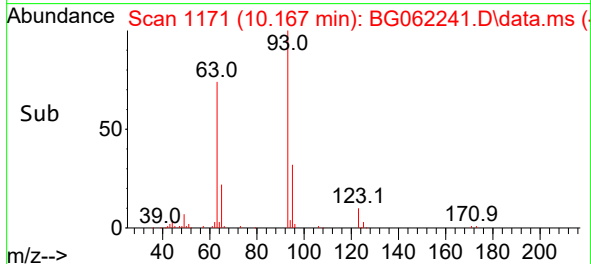
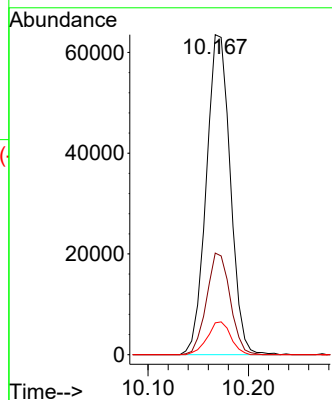
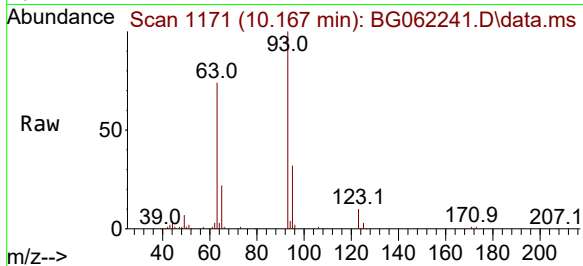




#27
Bis(2-Chloroethoxy)methane
Concen: 20.316 ng/ul
RT: 10.167 min Scan# 1171
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

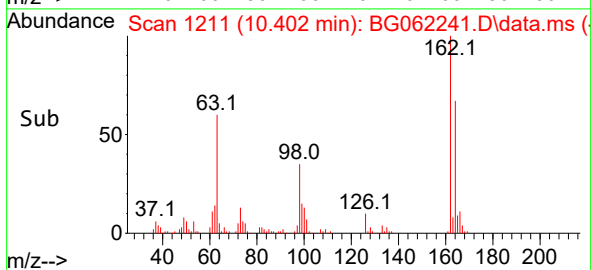
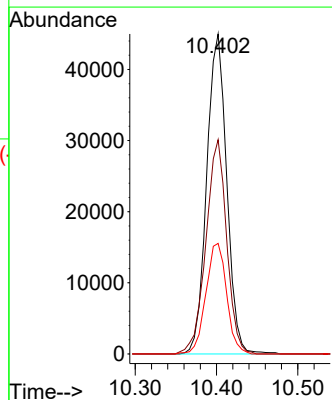
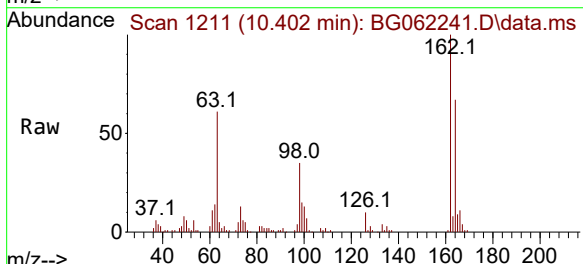
Instrument :
BNA_G
ClientSampleId :
SSTD020589

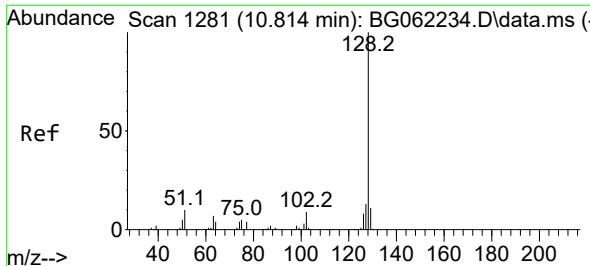
Tgt Ion: 93 Resp: 105569
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.6
123 10.0 8.4 12.6



#29
2,4-Dichlorophenol
Concen: 20.624 ng/ul
RT: 10.402 min Scan# 1211
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:162 Resp: 76921
Ion Ratio Lower Upper
162 100
164 66.9 51.4 77.0
98 34.5 28.2 42.4

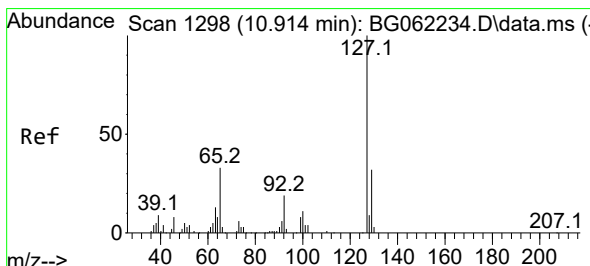
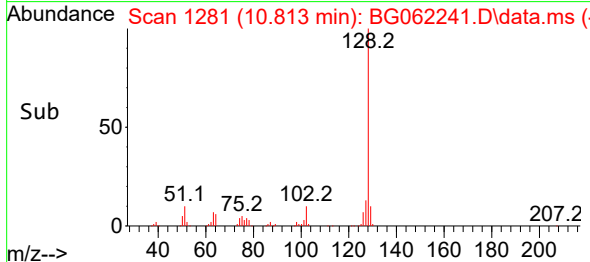
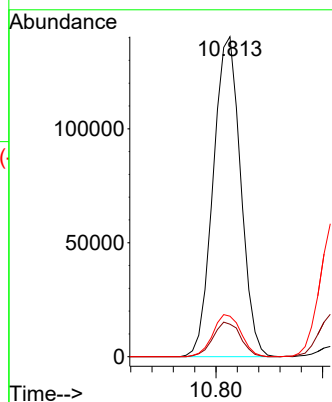
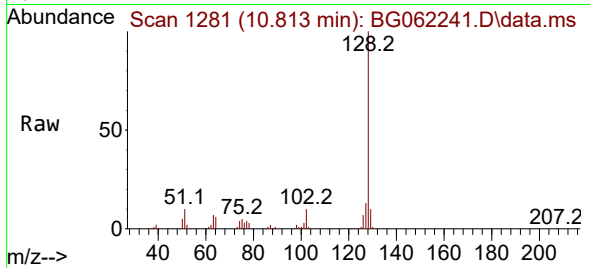




#30
Naphthalene
Concen: 20.196 ng/ul
RT: 10.813 min Scan# 1281
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

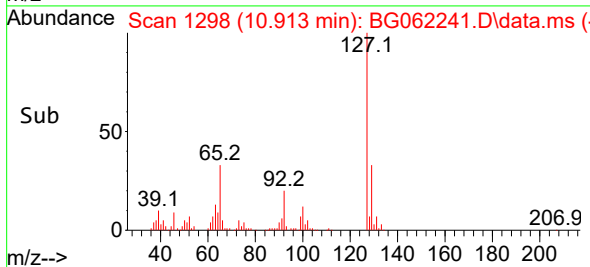
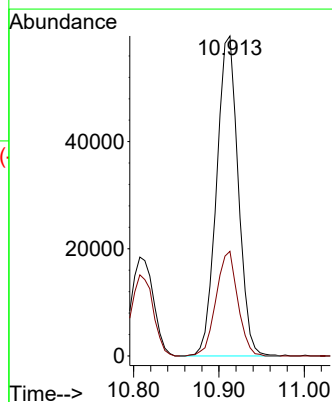
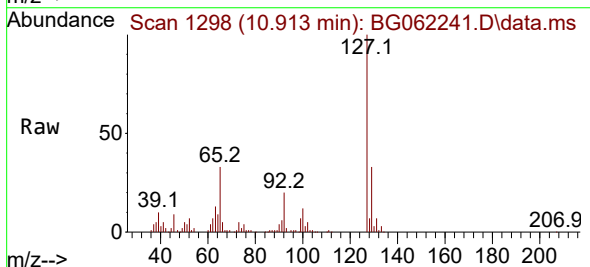
Instrument :
BNA_G
ClientSampleId :
SSTD020589

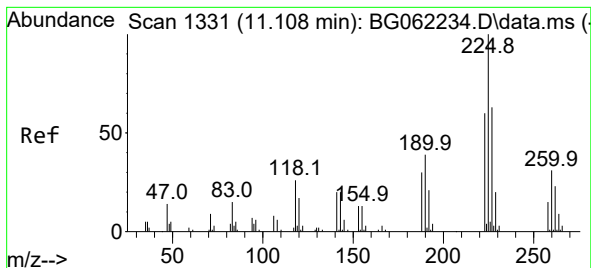
Tgt Ion:128 Resp: 250748
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 12.7 10.3 15.5



#32
4-Chloroaniline
Concen: 20.171 ng/ul
RT: 10.913 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:127 Resp: 105226
Ion Ratio Lower Upper
127 100
129 32.7 25.9 38.9





#33

Hexachlorobutadiene

Concen: 20.333 ng/ul

RT: 11.107 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

Instrument :

BNA_G

ClientSampleId :

SSTD020589

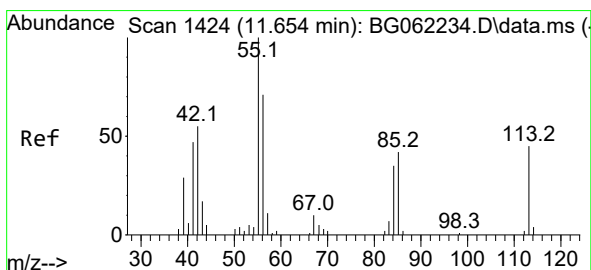
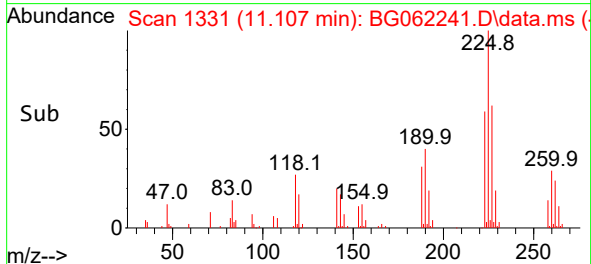
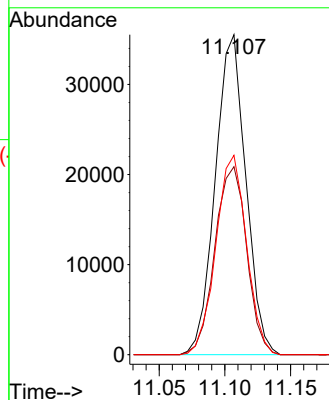
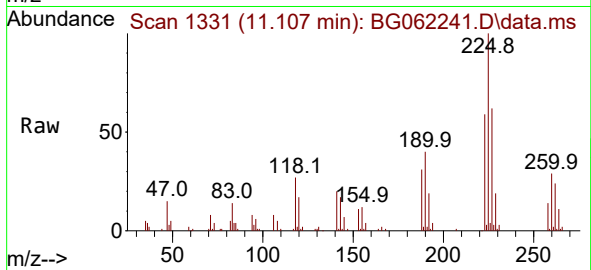
Tgt Ion:225 Resp: 57396

Ion Ratio Lower Upper

225 100

223 58.8 48.2 72.2

227 62.3 50.6 75.8



#34

Caprolactam

Concen: 19.800 ng/ul

RT: 11.647 min Scan# 1423

Delta R.T. -0.007 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

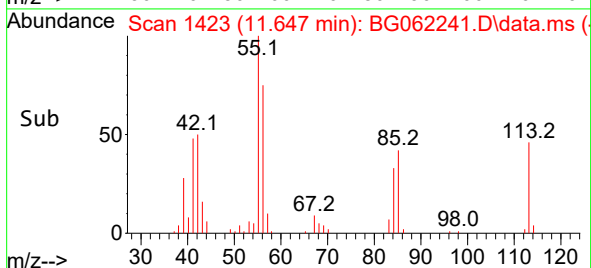
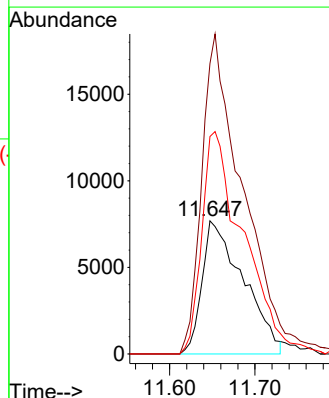
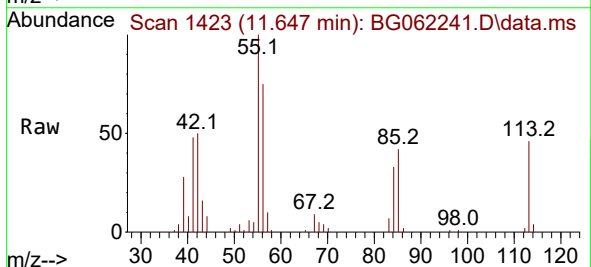
Tgt Ion:113 Resp: 25831

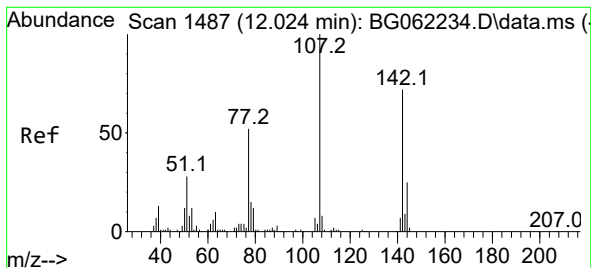
Ion Ratio Lower Upper

113 100

55 218.0 176.2 264.2

56 163.3 125.4 188.2

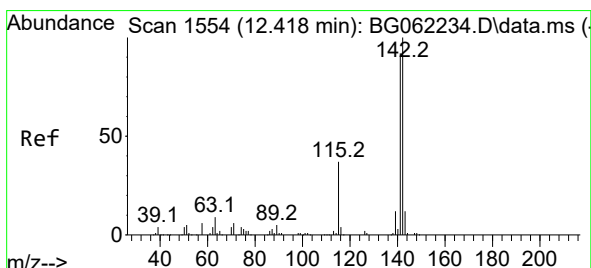
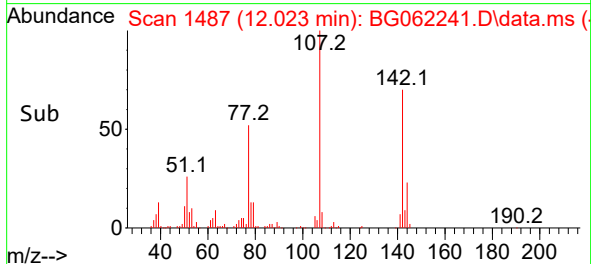
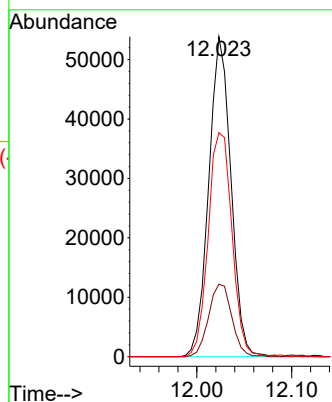
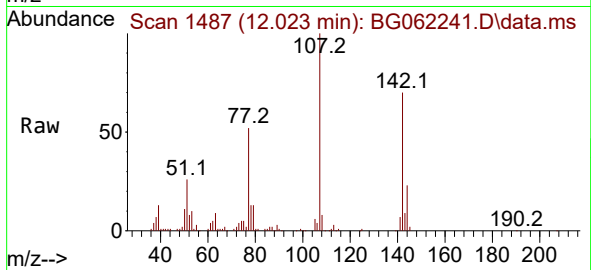




#35
 4-Chloro-3-methylphenol
 Concen: 20.958 ng/ul
 RT: 12.023 min Scan# 1487
 Delta R.T. -0.001 min
 Lab File: BG062241.D
 Acq: 5 Aug 2024 17:15

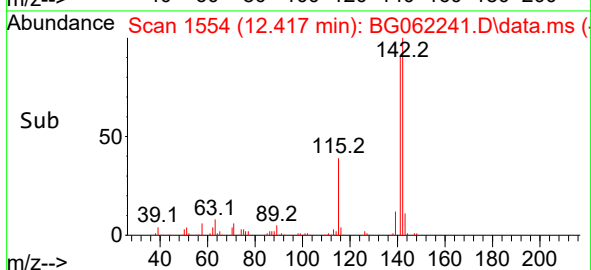
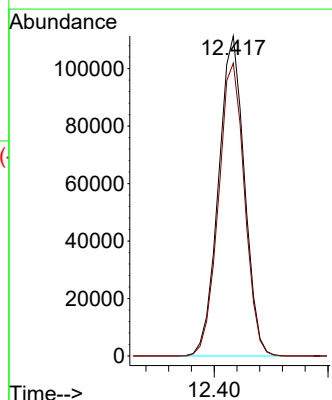
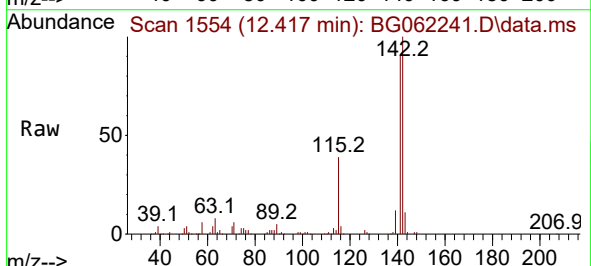
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020589

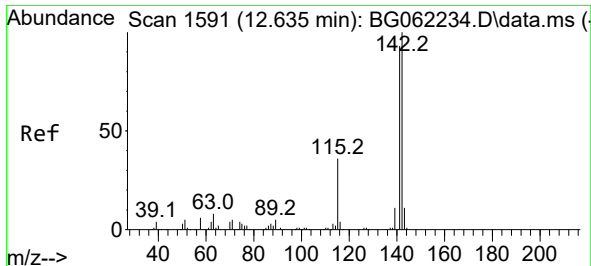
Tgt Ion:107 Resp: 87715
 Ion Ratio Lower Upper
 107 100
 144 22.7 20.0 30.0
 142 70.0 57.8 86.8



#36
 2-Methylnaphthalene
 Concen: 20.623 ng/ul
 RT: 12.417 min Scan# 1554
 Delta R.T. -0.001 min
 Lab File: BG062241.D
 Acq: 5 Aug 2024 17:15

Tgt Ion:142 Resp: 176403
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.4 110.2





#37

1-Methylnaphthalene

Concen: 19.635 ng/ul

RT: 12.634 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

Instrument :

BNA_G

ClientSampleId :

SSTD020589

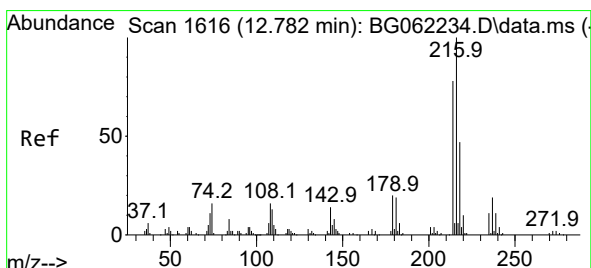
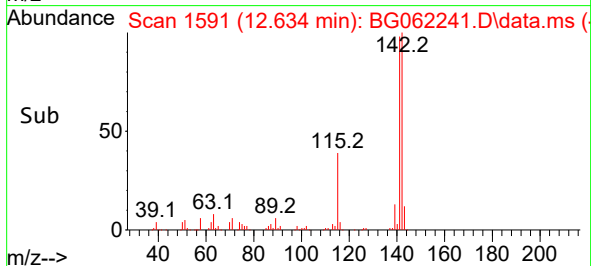
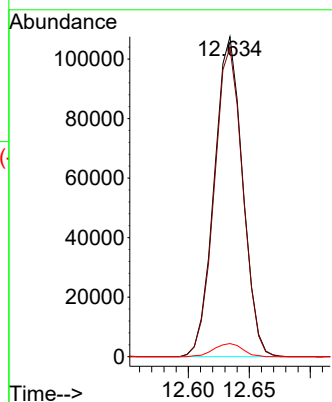
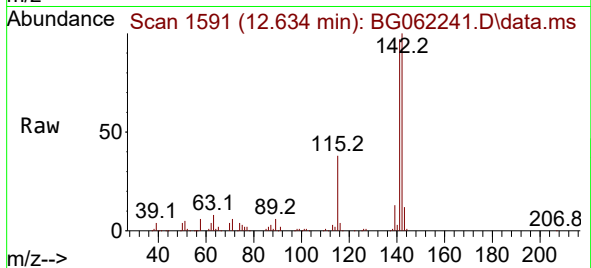
Tgt Ion:142 Resp: 174008

Ion Ratio Lower Upper

142 100

141 96.6 74.5 111.7

116 4.1 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.592 ng/ul

RT: 12.781 min Scan# 1616

Delta R.T. -0.001 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

Tgt Ion:216 Resp: 107987

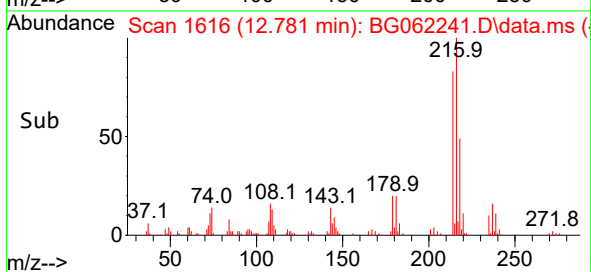
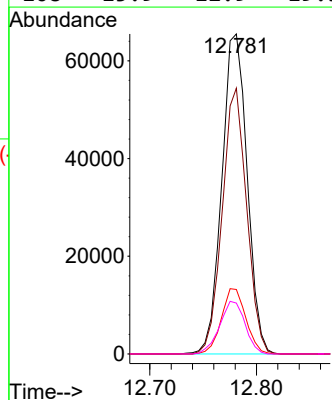
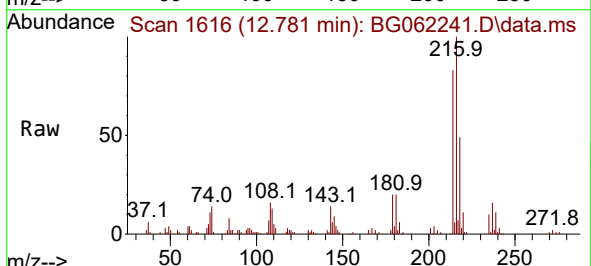
Ion Ratio Lower Upper

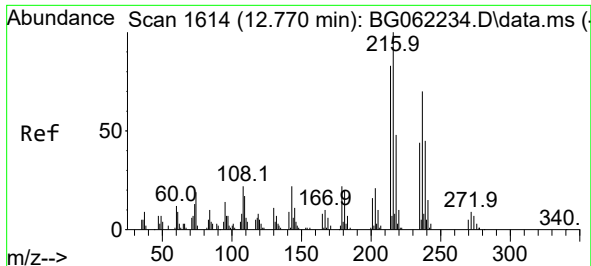
216 100

214 83.1 62.6 94.0

179 20.2 15.9 23.9

108 15.9 12.9 19.3

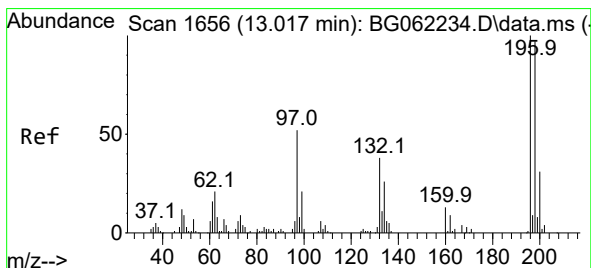
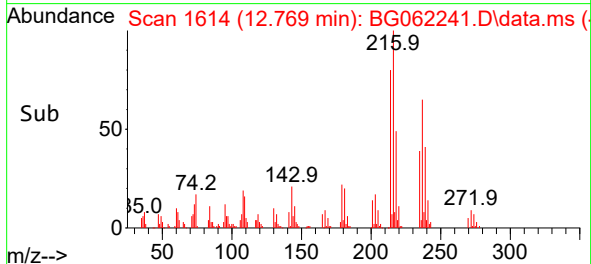
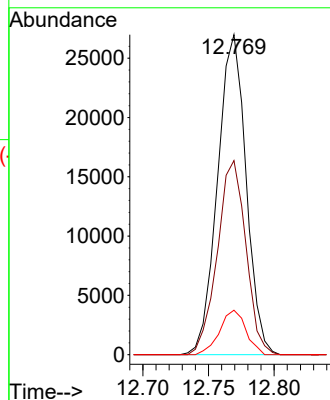
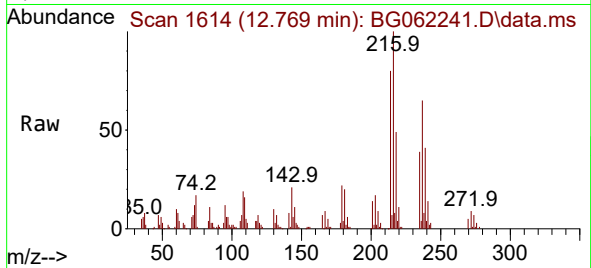




#40
Hexachlorocyclopentadiene
Concen: 20.968 ng/ul
RT: 12.769 min Scan# 1614
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

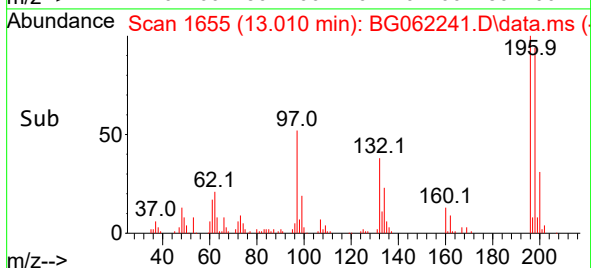
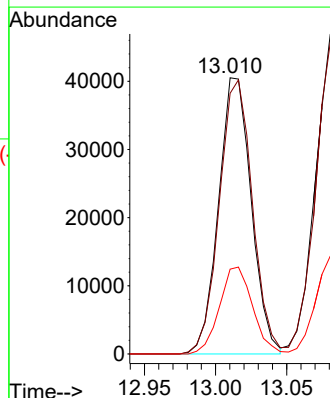
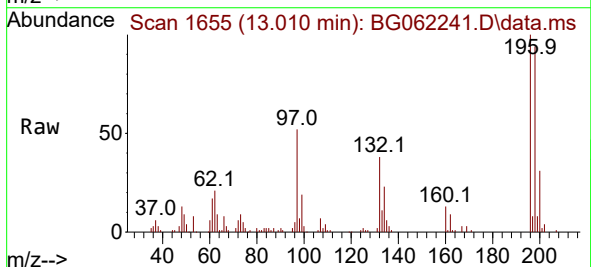
Instrument :
BNA_G
ClientSampleId :
SSTD020589

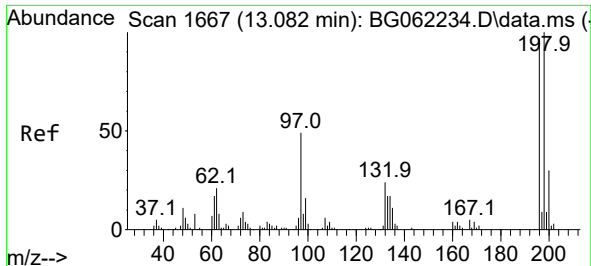
Tgt Ion:237 Resp: 40755
Ion Ratio Lower Upper
237 100
235 60.7 50.5 75.7
272 13.9 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 22.411 ng/ul
RT: 13.010 min Scan# 1655
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:196 Resp: 65008
Ion Ratio Lower Upper
196 100
198 94.4 78.2 117.2
200 30.7 24.8 37.2





#42
2,4,5-Trichlorophenol
Concen: 23.273 ng/ul
RT: 13.081 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

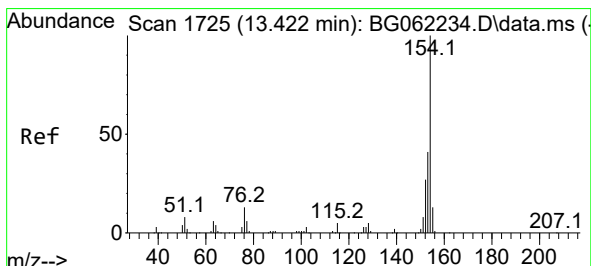
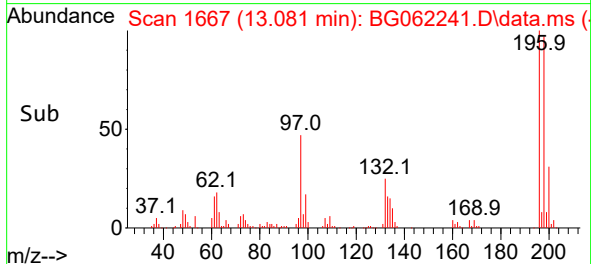
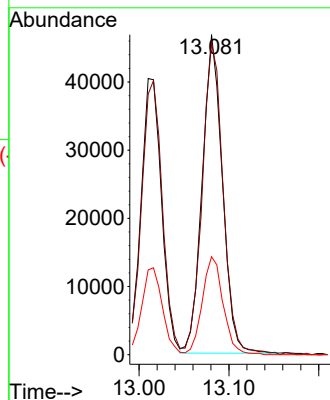
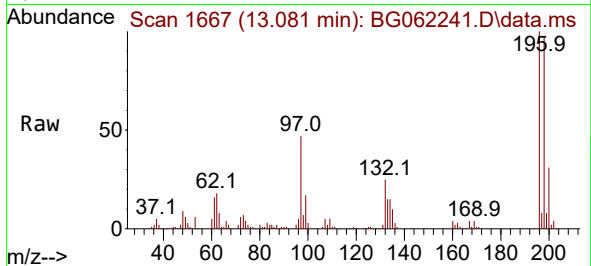
Instrument :

BNA_G

ClientSampleId :

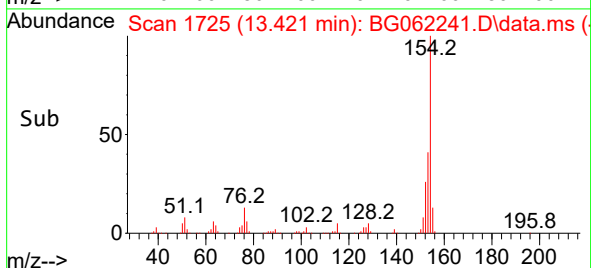
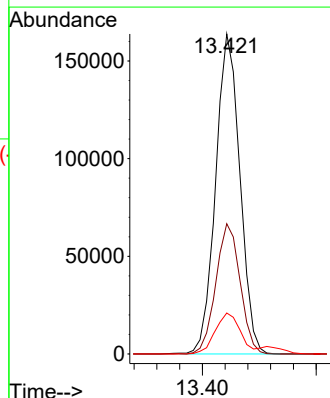
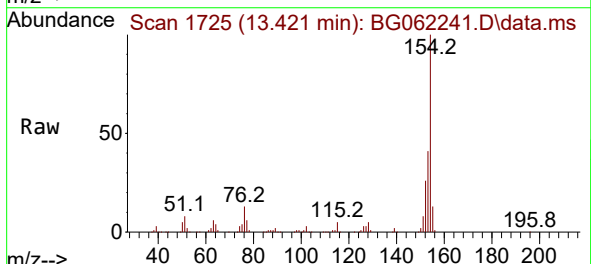
SSTD020589

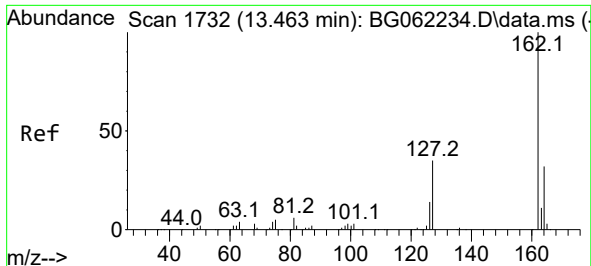
Tgt Ion:196 Resp: 72736
Ion Ratio Lower Upper
196 100
198 97.4 82.0 123.0
200 30.6 24.5 36.7



#43
1,1'-Biphenyl
Concen: 20.903 ng/ul
RT: 13.421 min Scan# 1725
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:154 Resp: 242604
Ion Ratio Lower Upper
154 100
153 40.7 33.0 49.4
76 12.8 10.6 15.8

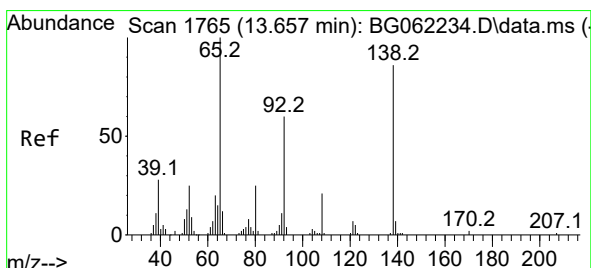
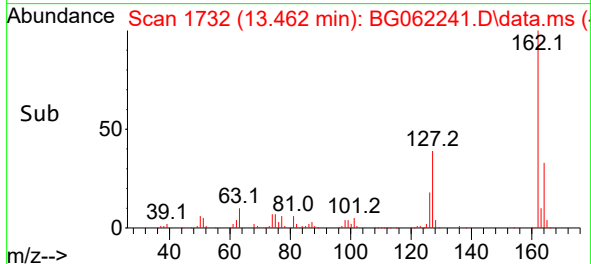
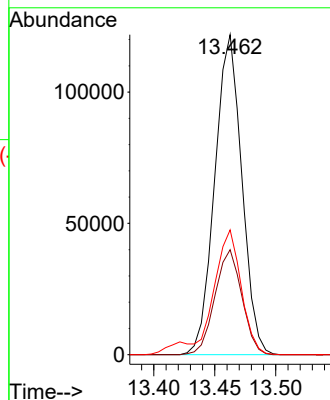
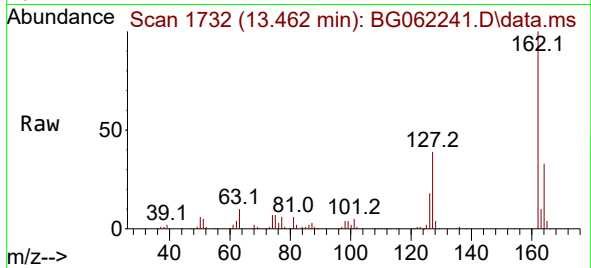




#44
2-Chloronaphthalene
Concen: 20.839 ng/ul
RT: 13.462 min Scan# 1732
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

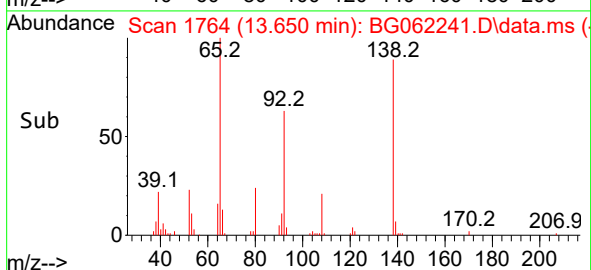
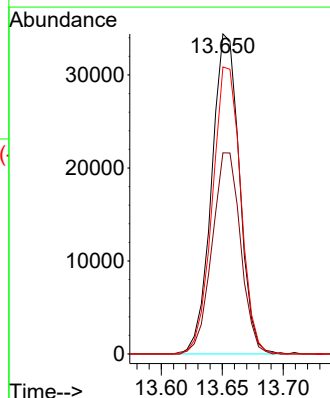
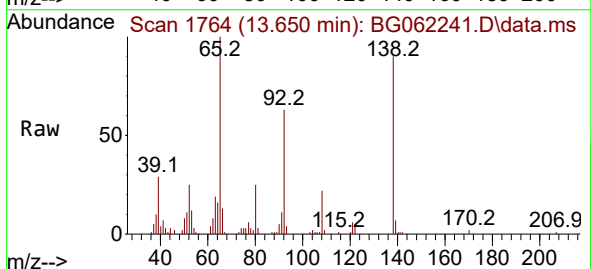
Instrument :
BNA_G
ClientSampleId :
SSTD020589

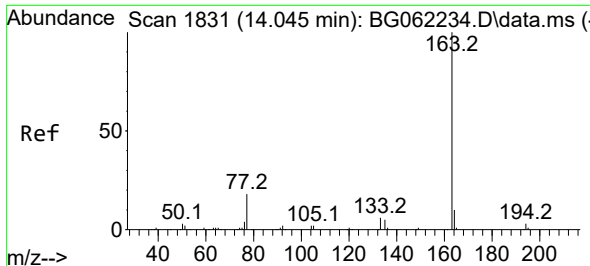
Tgt Ion:162 Resp: 187939
Ion Ratio Lower Upper
162 100
164 32.8 25.8 38.6
127 39.0 30.6 45.8



#45
2-Nitroaniline
Concen: 23.768 ng/ul
RT: 13.650 min Scan# 1764
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion: 65 Resp: 54593
Ion Ratio Lower Upper
65 100
92 62.9 47.8 71.6
138 89.7 68.8 103.2

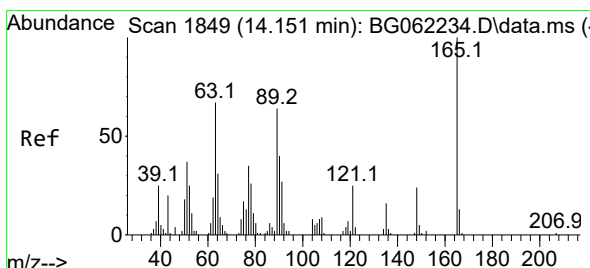
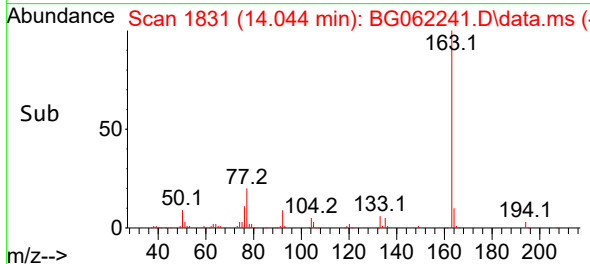
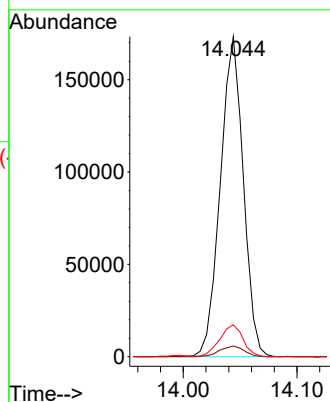
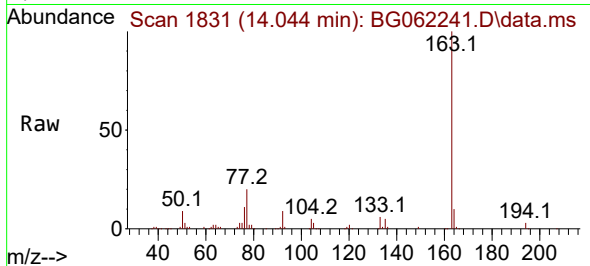




#47
Dimethylphthalate
Concen: 20.498 ng/ul
RT: 14.044 min Scan# 1831
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

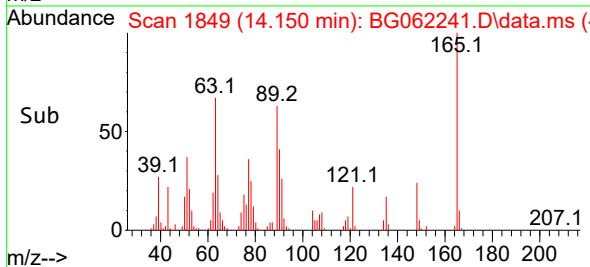
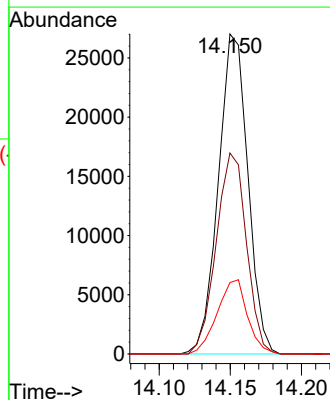
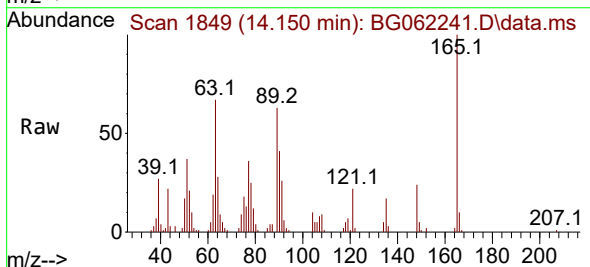
Instrument :
BNA_G
ClientSampleId :
SSTD020589

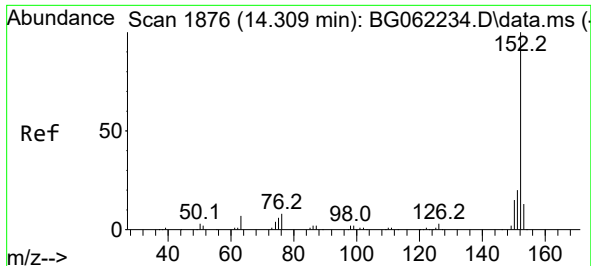
Tgt Ion:163 Resp: 243042
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 24.112 ng/ul
RT: 14.150 min Scan# 1849
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:165 Resp: 39034
Ion Ratio Lower Upper
165 100
89 62.8 51.1 76.7
121 22.3 20.3 30.5

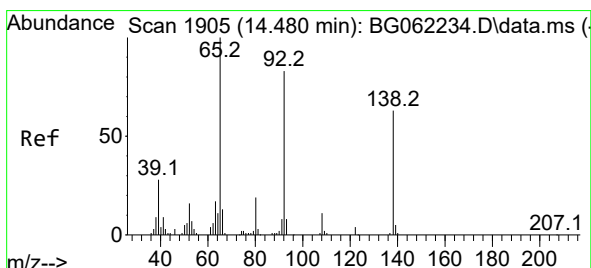
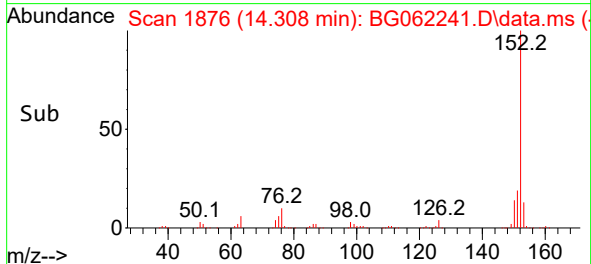
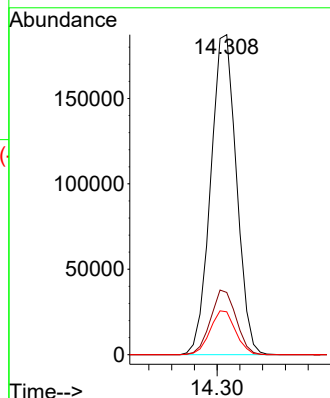
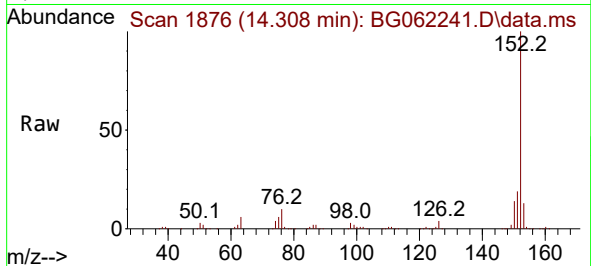




#50
Acenaphthylene
Concen: 20.628 ng/ul
RT: 14.308 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

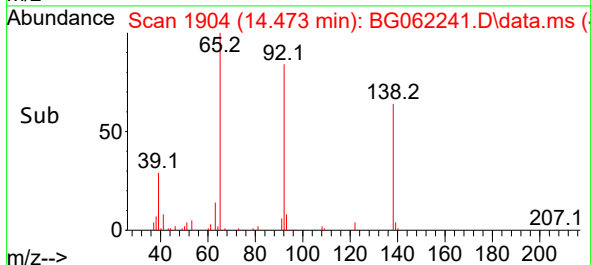
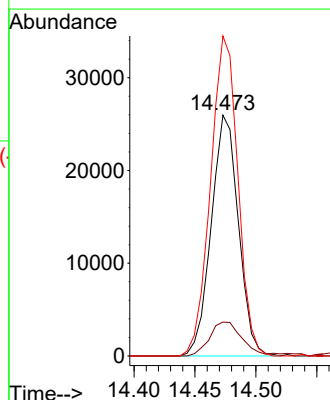
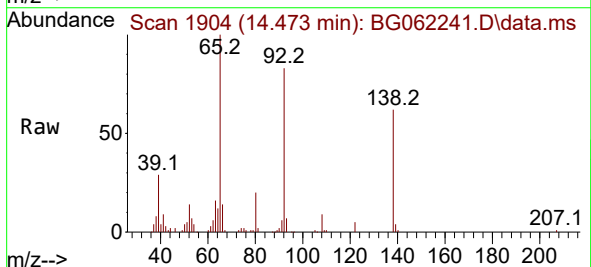
Instrument :
BNA_G
ClientSampleId :
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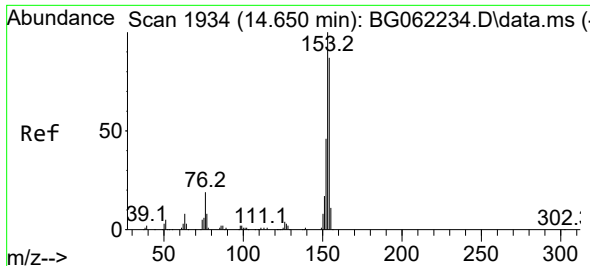
Tgt Ion:152 Resp: 294541
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.4 10.6 15.8



#51
3-Nitroaniline
Concen: 21.863 ng/ul
RT: 14.473 min Scan# 1904
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:138 Resp: 40293
Ion Ratio Lower Upper
138 100
108 14.1 14.2 21.2#
92 132.9 105.4 158.2

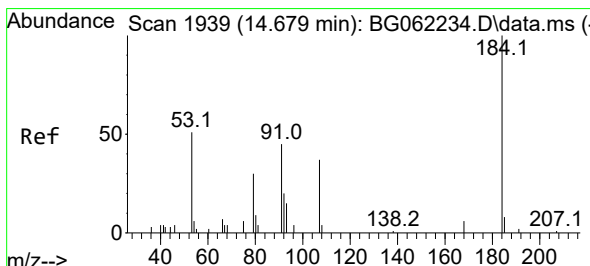
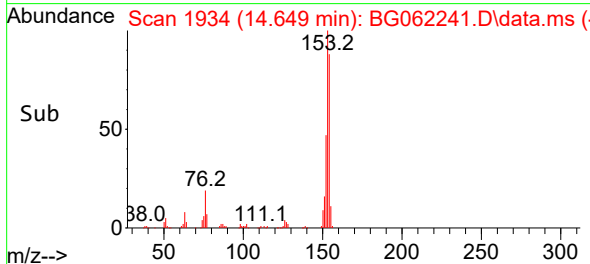
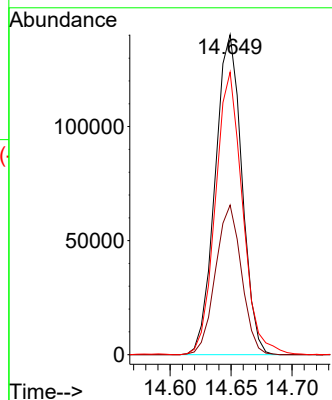
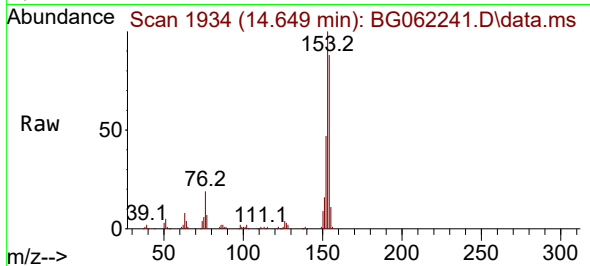




#52
Acenaphthene
Concen: 20.155 ng/ul
RT: 14.649 min Scan# 1934
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

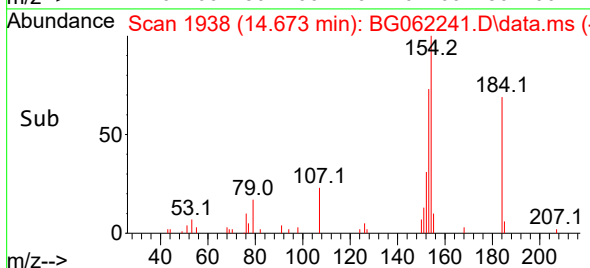
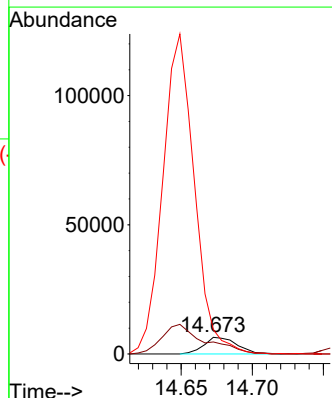
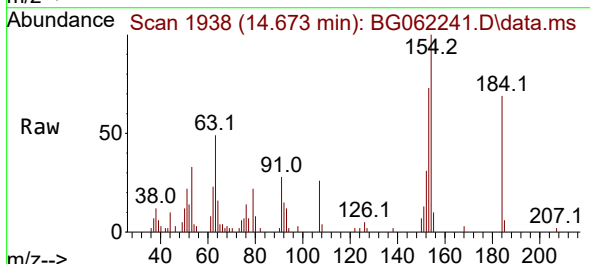
Instrument :
BNA_G
ClientSampleId :
SSTD020589

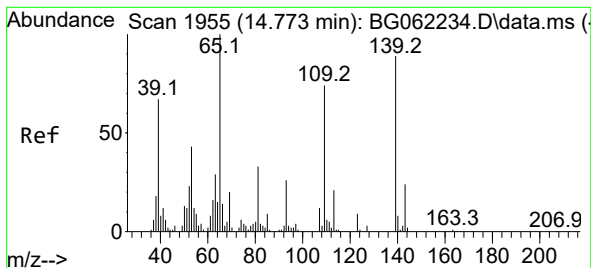
Tgt Ion:153 Resp: 214259
Ion Ratio Lower Upper
153 100
152 46.7 36.7 55.1
154 88.3 69.9 104.9



#53
2,4-Dinitrophenol
Concen: 16.299 ng/ul
RT: 14.673 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:184 Resp: 10492
Ion Ratio Lower Upper
184 100
63 71.9 52.5 78.7
154 146.0 74.3 111.5#

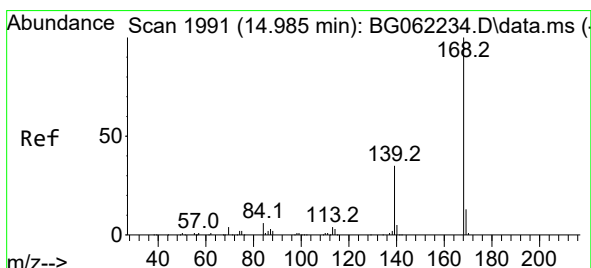
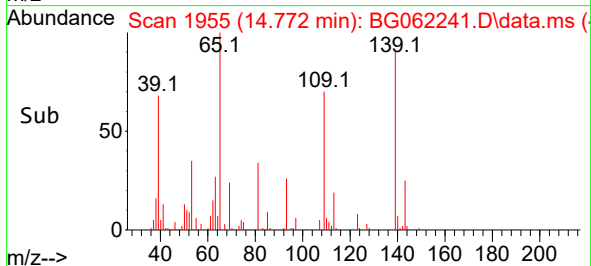
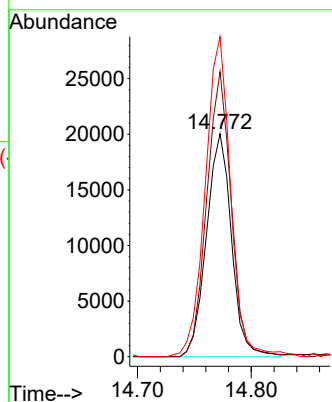
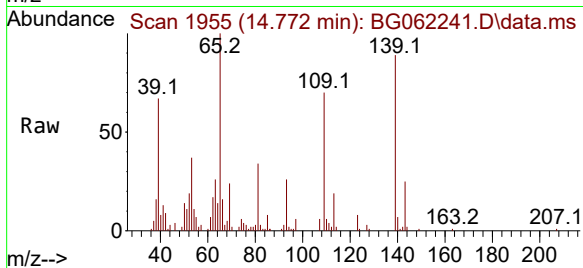




#55
4-Nitrophenol
Concen: 20.682 ng/ul
RT: 14.772 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

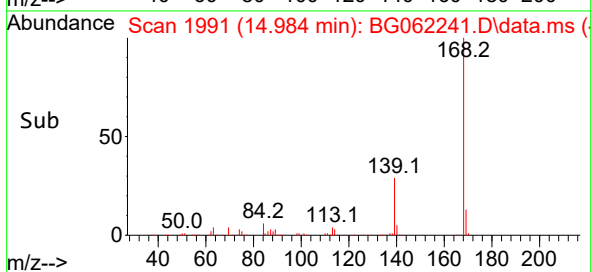
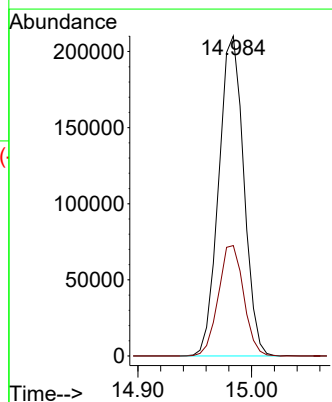
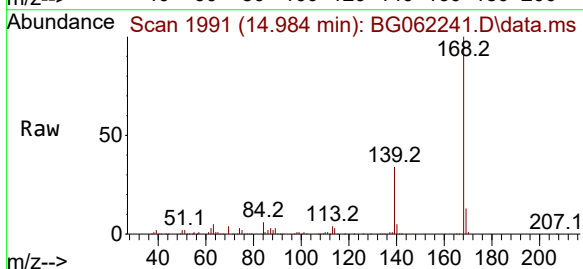
Instrument :
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ClientSampleId :
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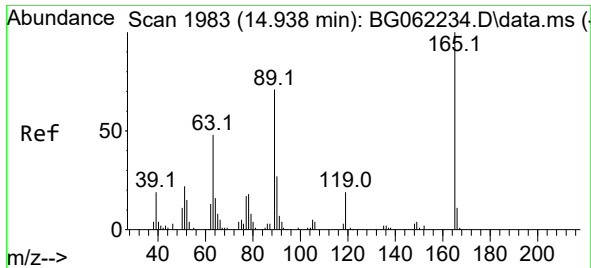
Tgt Ion:109 Resp: 30611
Ion Ratio Lower Upper
109 100
139 127.9 96.8 145.2
65 143.5 109.9 164.9



#56
Dibenzofuran
Concen: 21.872 ng/ul
RT: 14.984 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:168 Resp: 321205
Ion Ratio Lower Upper
168 100
139 34.5 28.2 42.2

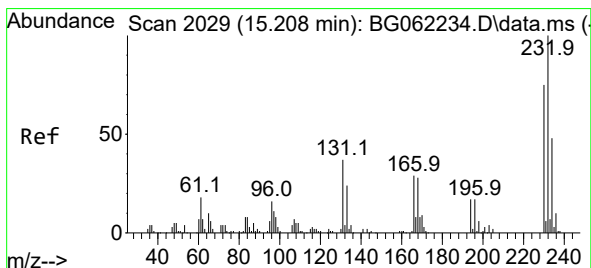
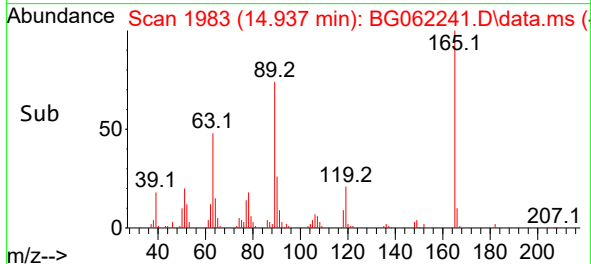
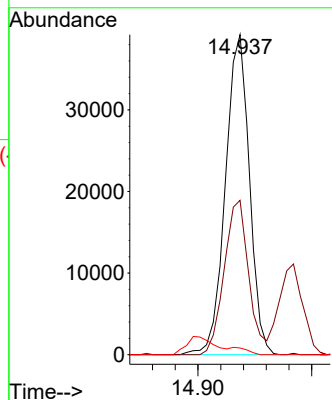
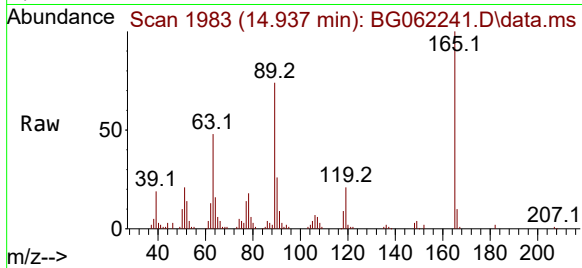




#57
2,4-Dinitrotoluene
Concen: 25.840 ng/ul
RT: 14.937 min Scan# 1983
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

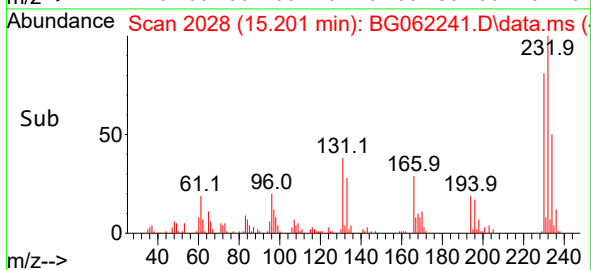
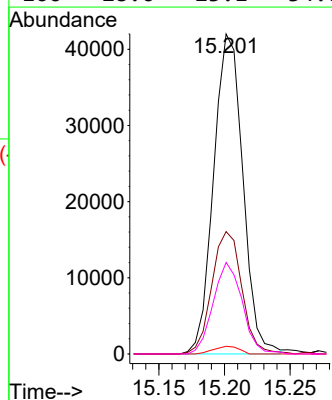
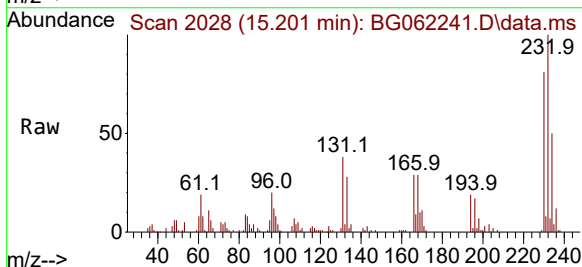
Instrument :
BNA_G
ClientSampleId :
SSTD020589

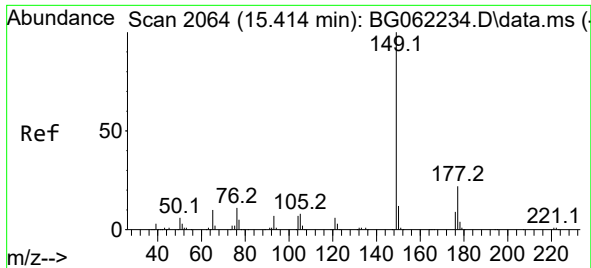
Tgt Ion:165 Resp: 57383
Ion Ratio Lower Upper
165 100
63 48.3 38.2 57.4
182 2.1 1.7 2.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.087 ng/ul
RT: 15.201 min Scan# 2028
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:232 Resp: 64974
Ion Ratio Lower Upper
232 100
131 38.3 29.4 44.0
130 2.4 1.8 2.6
166 28.6 23.1 34.7





#59
Diethylphthalate
Concen: 21.767 ng/ul
RT: 15.413 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

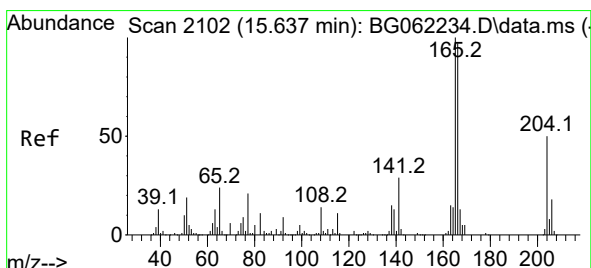
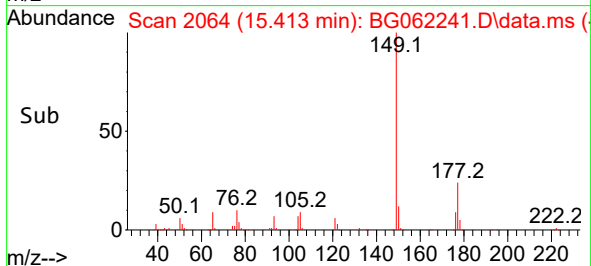
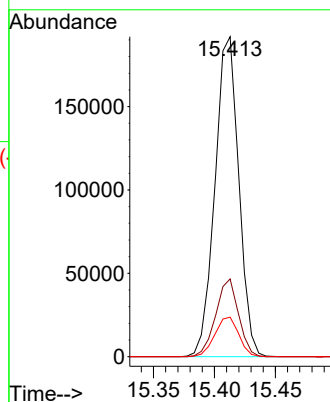
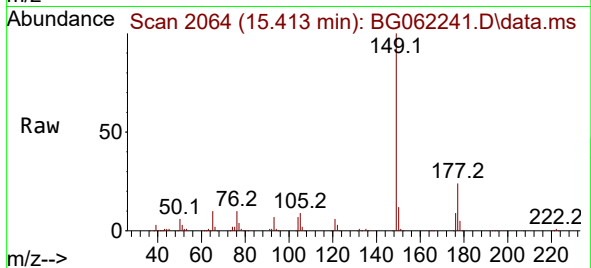
Instrument :

BNA_G

ClientSampleId :

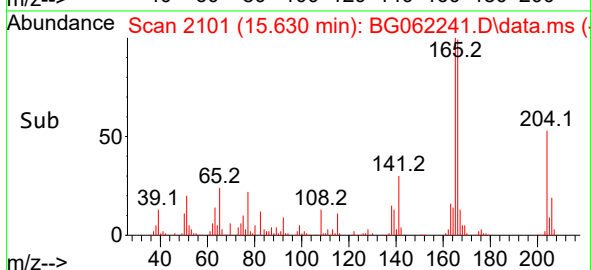
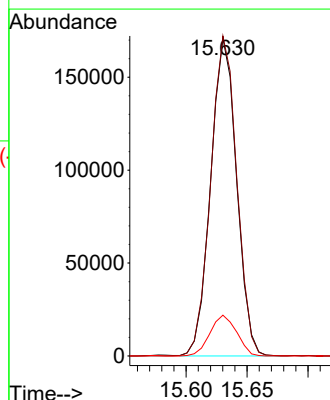
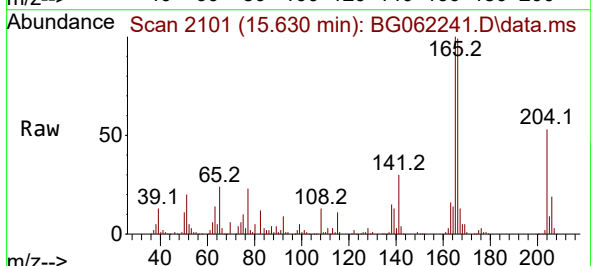
SSTD020589

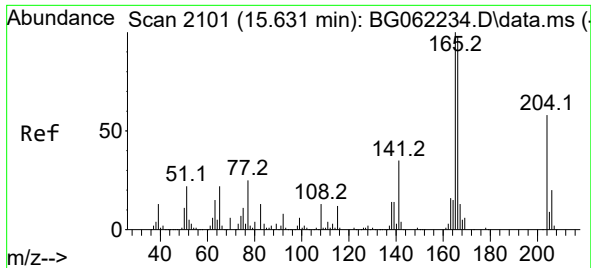
Tgt Ion:149 Resp: 260611
Ion Ratio Lower Upper
149 100
177 24.3 18.0 27.0
150 12.3 9.8 14.8



#61
Fluorene
Concen: 22.023 ng/ul
RT: 15.630 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:166 Resp: 252898
Ion Ratio Lower Upper
166 100
165 100.7 82.3 123.5
167 12.9 10.7 16.1

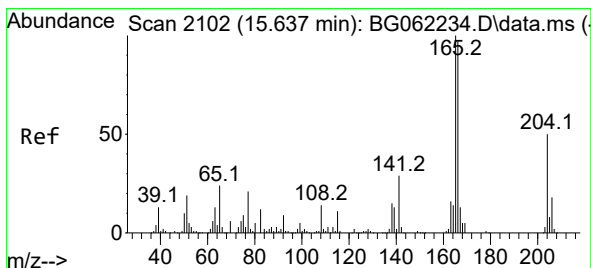
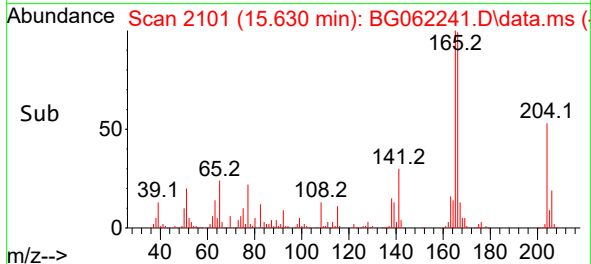
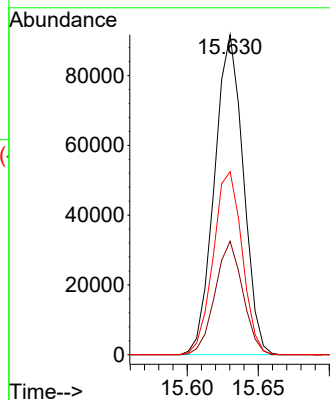
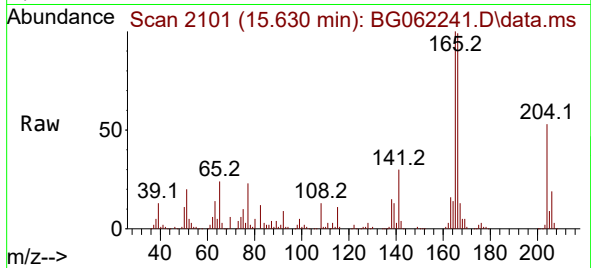




#62
4-Chlorophenyl-phenylether
Concen: 21.864 ng/ul
RT: 15.630 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

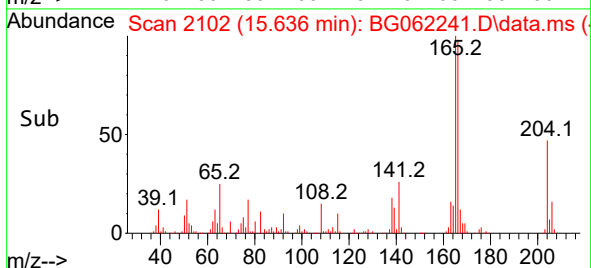
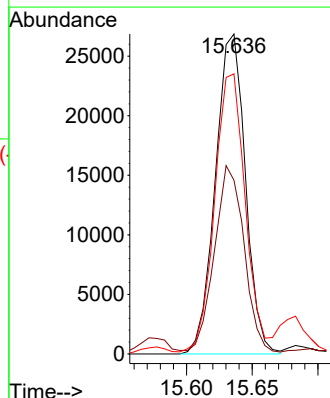
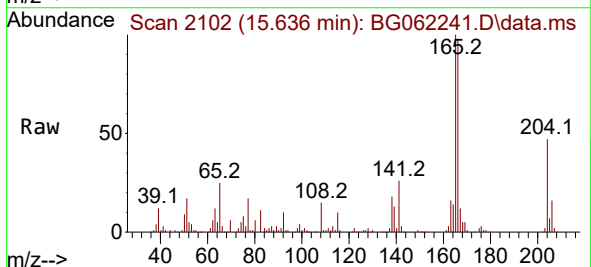
Instrument :
BNA_G
ClientSampleId :
SSTD020589

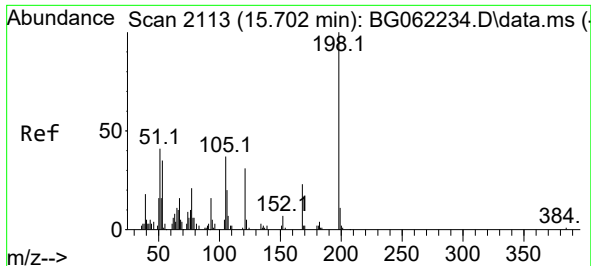
Tgt Ion:204 Resp: 129445
Ion Ratio Lower Upper
204 100
206 35.4 27.7 41.5
141 57.2 47.5 71.3



#63
4-Nitroaniline
Concen: 24.080 ng/ul
RT: 15.636 min Scan# 2102
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:138 Resp: 42769
Ion Ratio Lower Upper
138 100
92 54.3 48.9 73.3
108 87.6 72.5 108.7

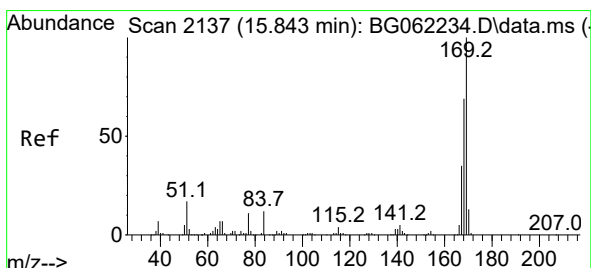
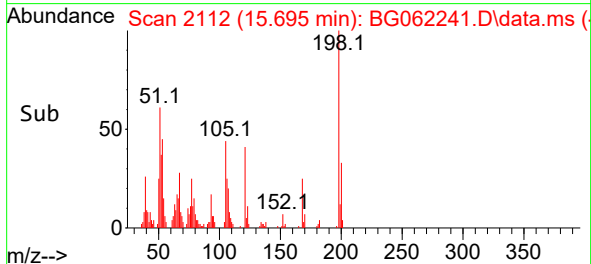
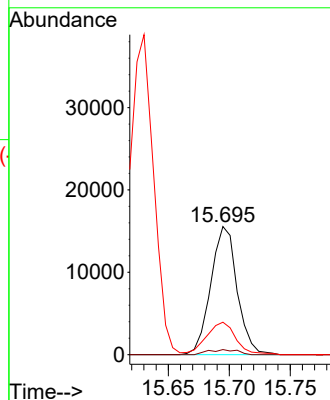
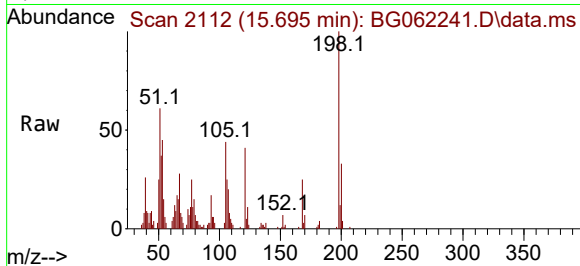




#66
4,6-Dinitro-2-methylphenol
Concen: 18.812 ng/ul
RT: 15.695 min Scan# 2112
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

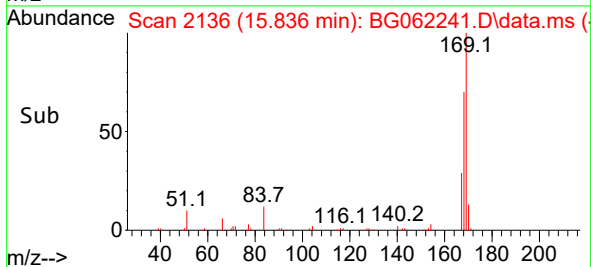
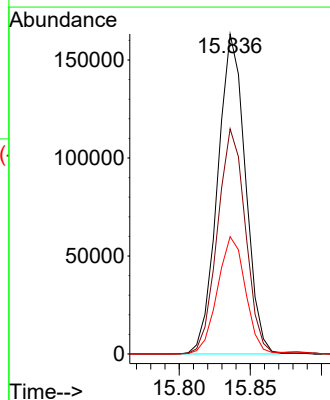
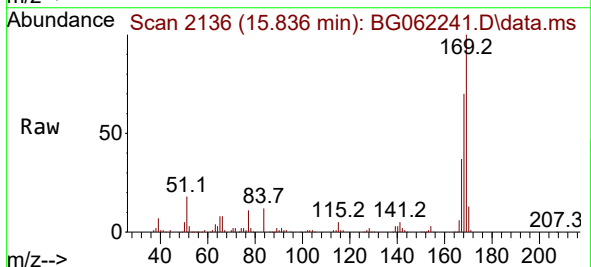
Instrument :
BNA_G
ClientSampleId :
SSTD020589

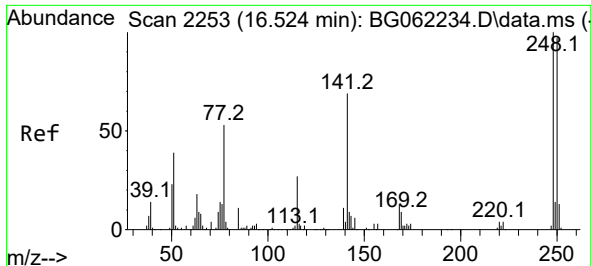
Tgt Ion:198 Resp: 23381
Ion Ratio Lower Upper
198 100
182 4.0 3.2 4.8
77 25.4 18.0 27.0



#67
N-Nitrosodiphenylamine
Concen: 20.327 ng/ul
RT: 15.836 min Scan# 2136
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:169 Resp: 221864
Ion Ratio Lower Upper
169 100
168 70.4 54.8 82.2
167 36.6 27.8 41.6

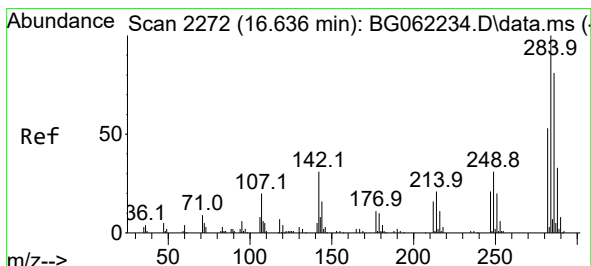
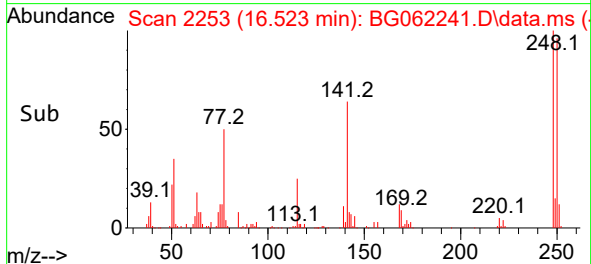
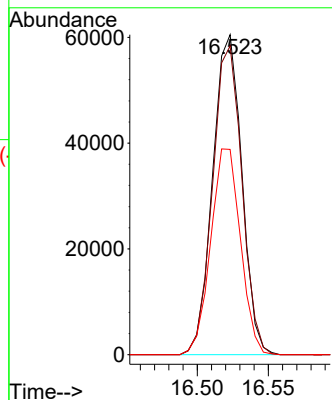
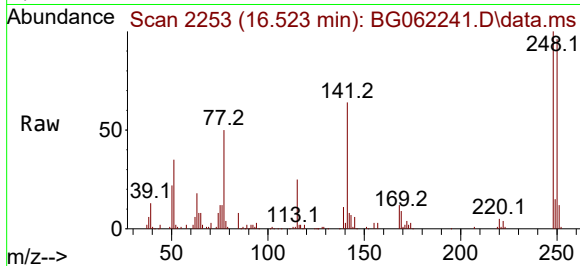




#68
4-Bromophenyl-phenylether
Concen: 20.792 ng/ul
RT: 16.523 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

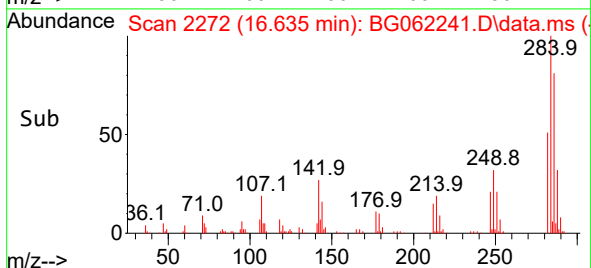
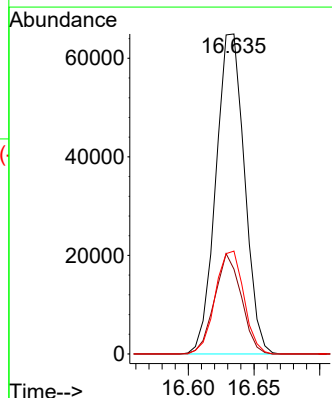
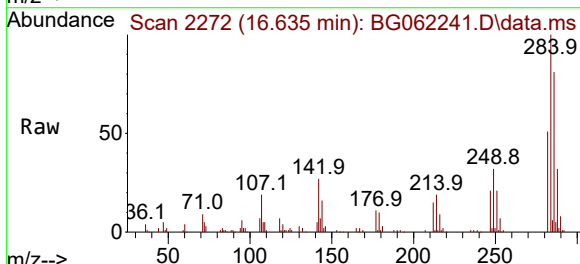
Instrument :
BNA_G
ClientSampleId :
SSTD020589

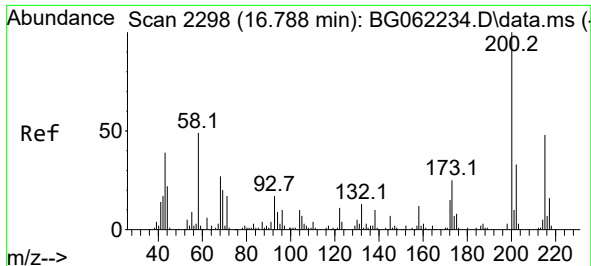
Tgt Ion:248 Resp: 86286
Ion Ratio Lower Upper
248 100
250 96.5 77.5 116.3
141 64.2 55.1 82.7



#69
Hexachlorobenzene
Concen: 20.421 ng/ul
RT: 16.635 min Scan# 2272
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:284 Resp: 98587
Ion Ratio Lower Upper
284 100
142 26.5 24.6 36.8
249 32.2 25.1 37.7

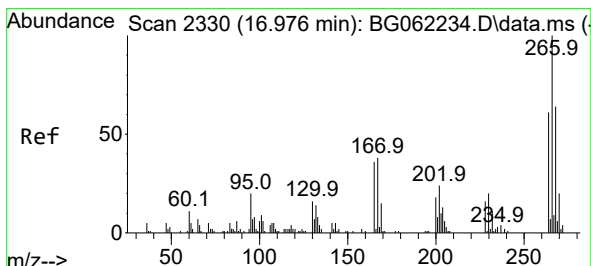
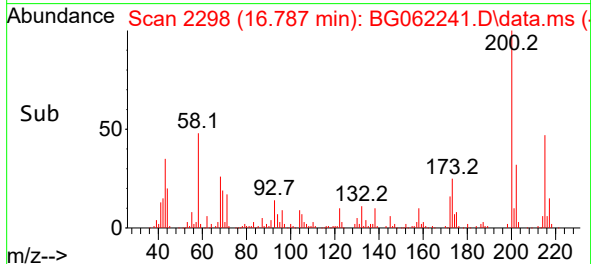
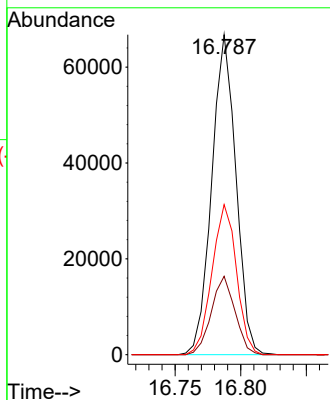
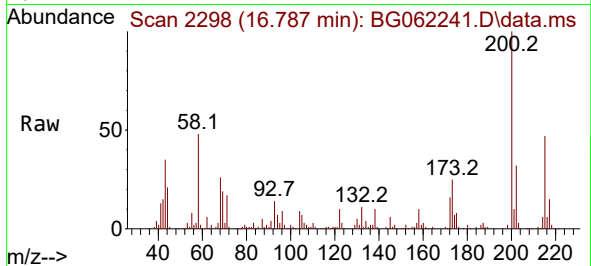




#70
 Atrazine
 Concen: 20.430 ng/ul
 RT: 16.787 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG062241.D
 Acq: 5 Aug 2024 17:15

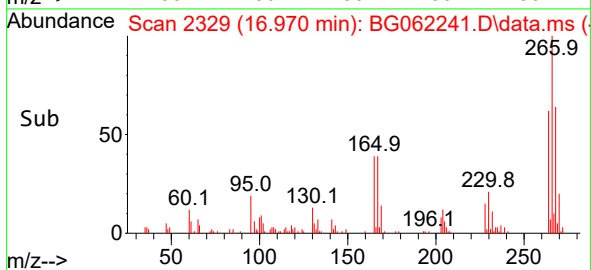
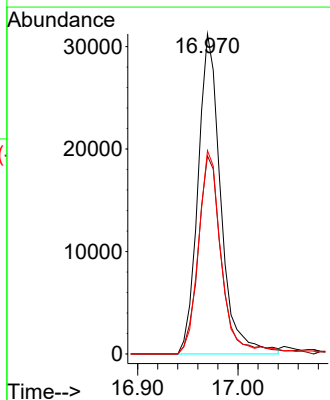
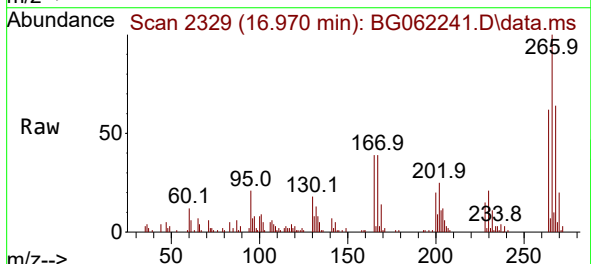
Instrument :
 BNA_G
 ClientSampleId :
 SST020589

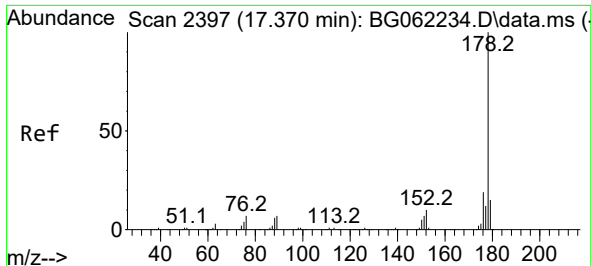
Tgt Ion:200 Resp: 85429
 Ion Ratio Lower Upper
 200 100
 173 24.5 19.8 29.6
 215 46.9 38.2 57.4



#71
 Pentachlorophenol
 Concen: 19.383 ng/ul
 RT: 16.970 min Scan# 2329
 Delta R.T. -0.007 min
 Lab File: BG062241.D
 Acq: 5 Aug 2024 17:15

Tgt Ion:266 Resp: 49273
 Ion Ratio Lower Upper
 266 100
 264 61.9 48.9 73.3
 268 63.6 51.2 76.8

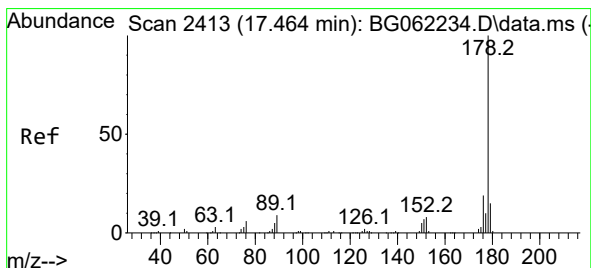
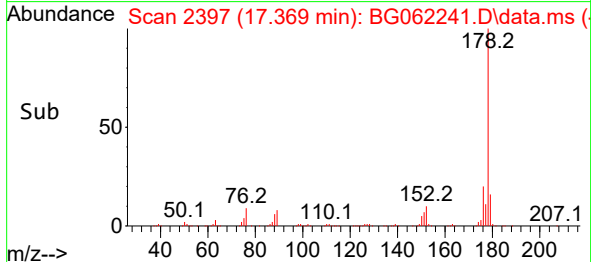
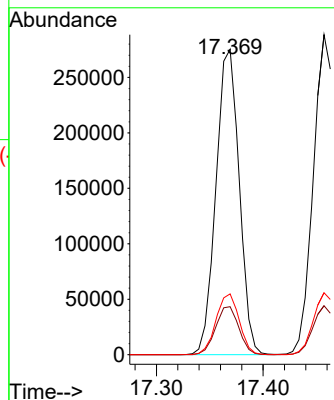
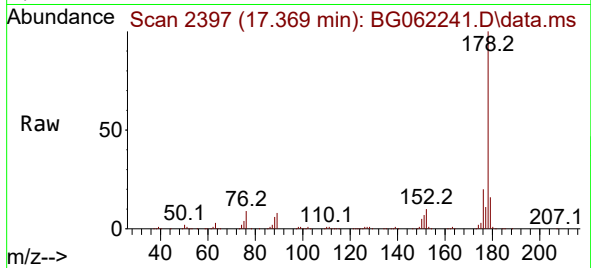




#72
Phenanthrene
Concen: 20.310 ng/ul
RT: 17.369 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

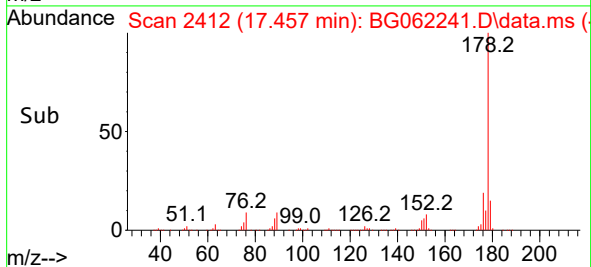
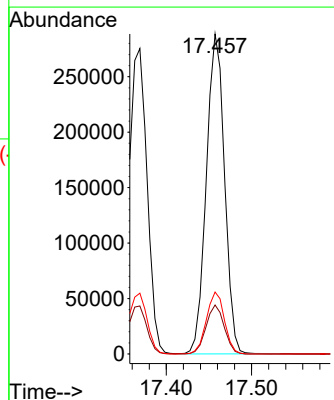
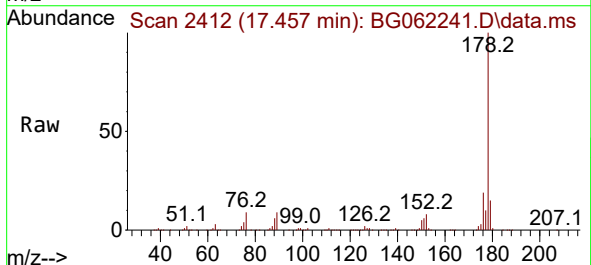
Instrument :
BNA_G
ClientSampleId :
SSTD020589

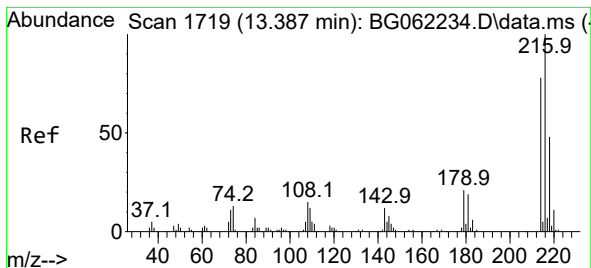
Tgt Ion:178 Resp: 416364
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 19.9 15.4 23.2



#74
Anthracene
Concen: 20.338 ng/ul
RT: 17.457 min Scan# 2412
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:178 Resp: 427927
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.3 15.1 22.7

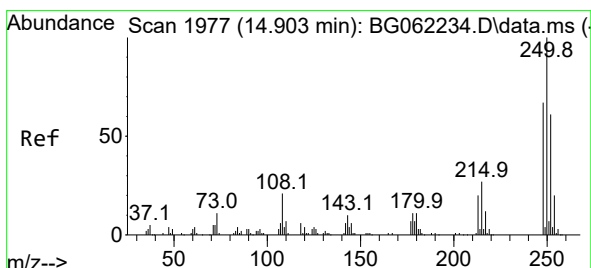
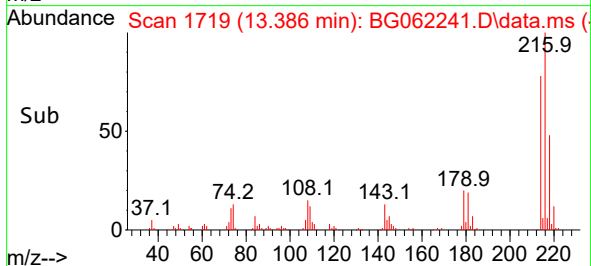
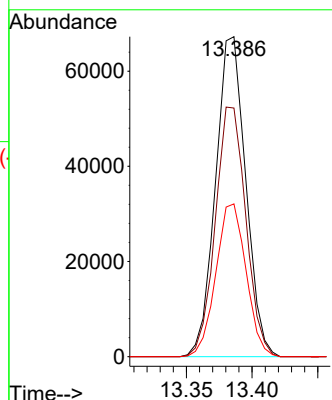
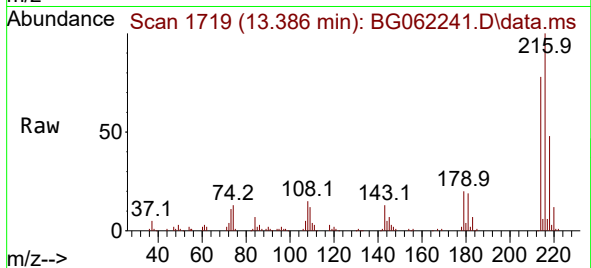




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.703 ng/ul
RT: 13.386 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

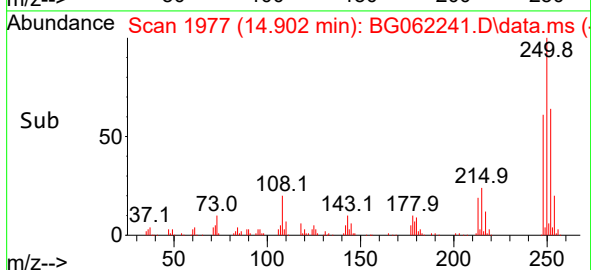
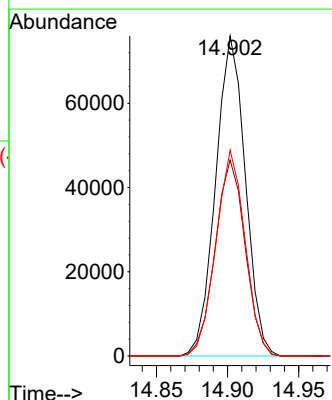
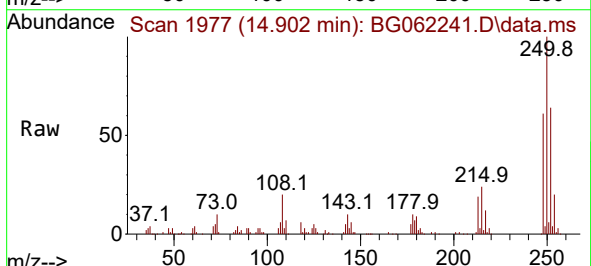
Instrument :
BNA_G
ClientSampleId :
SSTD020589

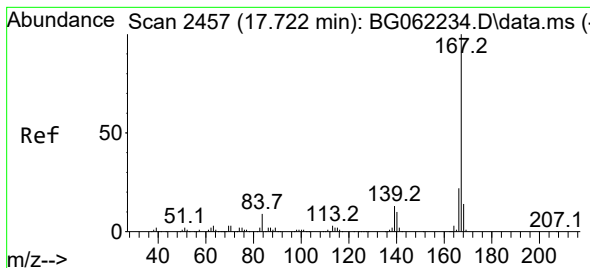
Tgt Ion:216 Resp: 107480
Ion Ratio Lower Upper
216 100
214 77.7 62.7 94.1
218 47.8 38.1 57.1



#76
Pentachlorobenzene
Concen: 19.343 ng/ul
RT: 14.902 min Scan# 1977
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:250 Resp: 110391
Ion Ratio Lower Upper
250 100
248 61.3 53.5 80.3
252 64.3 48.6 72.8





#77

Carbazole

Concen: 20.536 ng/ul

RT: 17.721 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

Instrument :

BNA_G

ClientSampleId :

SSTD020589

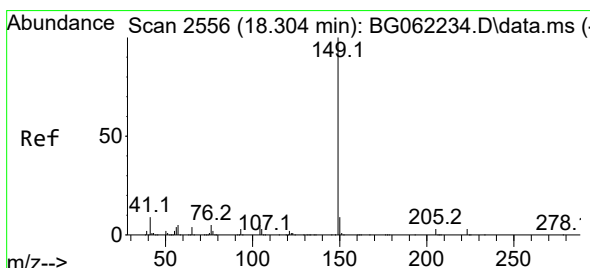
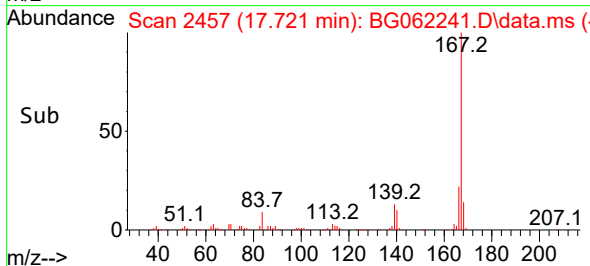
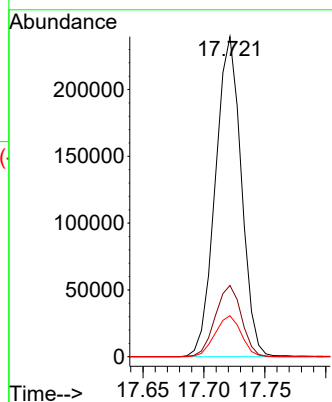
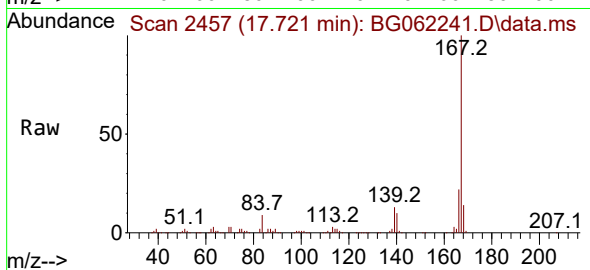
Tgt Ion:167 Resp: 354363

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

139 12.8 10.3 15.5



#78

Di-n-butylphthalate

Concen: 20.909 ng/ul

RT: 18.303 min Scan# 2556

Delta R.T. -0.001 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

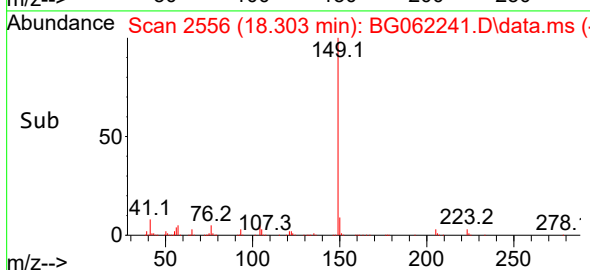
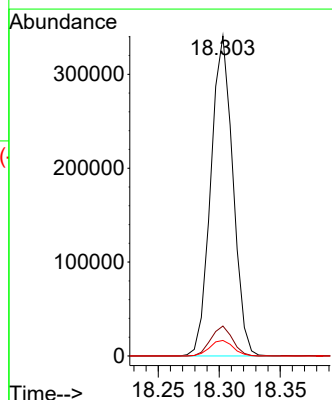
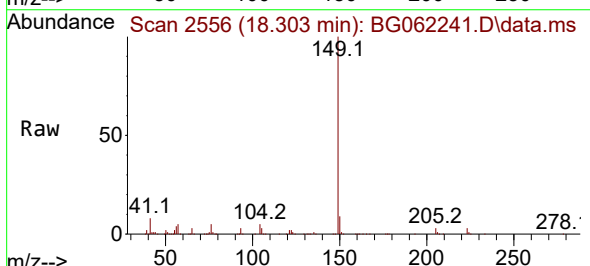
Tgt Ion:149 Resp: 429317

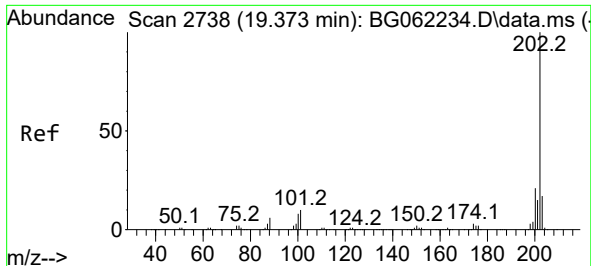
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 4.8 4.1 6.1

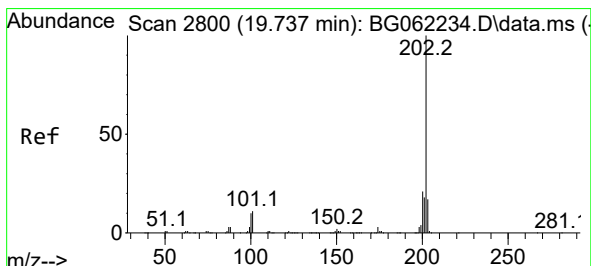
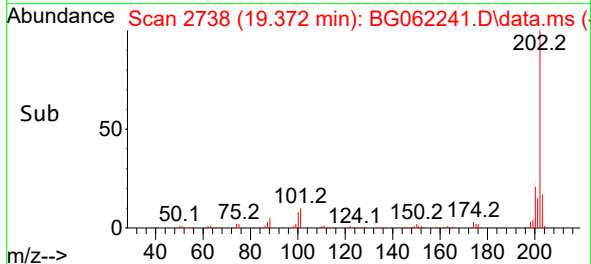
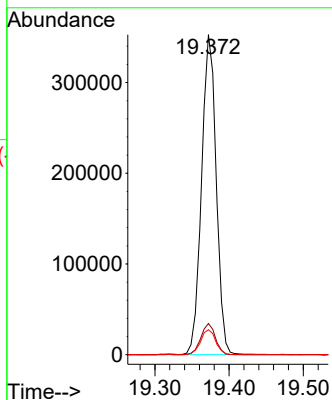
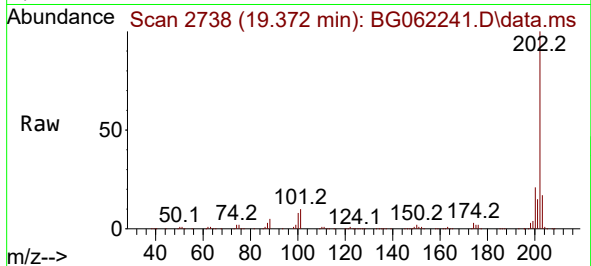




#80
Fluoranthene
Concen: 20.308 ng/ul
RT: 19.372 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

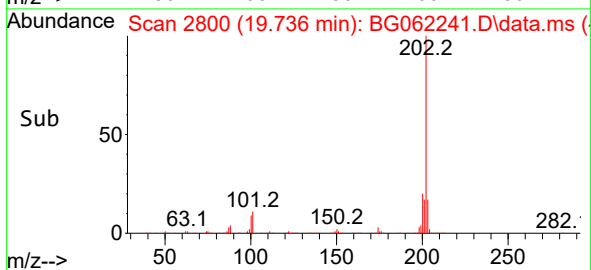
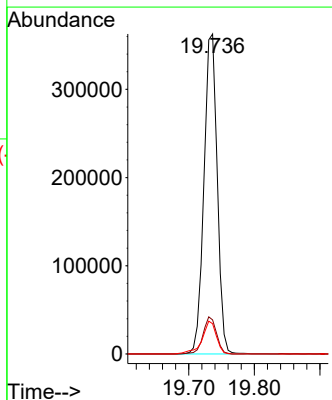
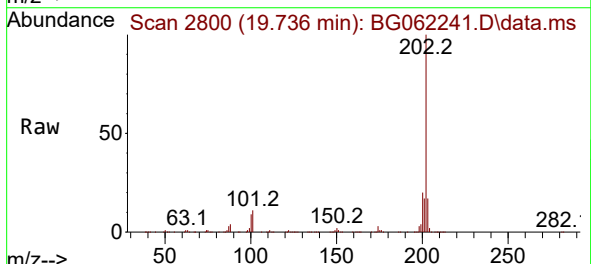
Instrument :
BNA_G
ClientSampleId :
SSTD020589

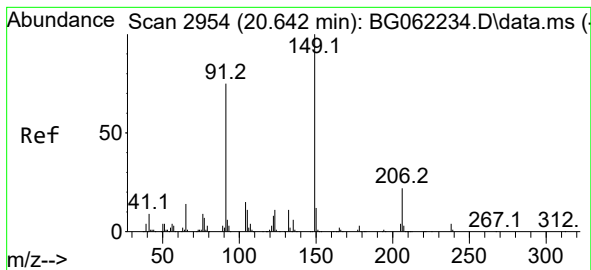
Tgt Ion:202 Resp: 484781
Ion Ratio Lower Upper
202 100
101 9.7 8.4 12.6
100 7.8 6.6 9.8



#82
Pyrene
Concen: 20.127 ng/ul
RT: 19.736 min Scan# 2800
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:202 Resp: 511648
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.4
100 9.5 7.8 11.8





#83

Butylbenzylphthalate

Concen: 20.984 ng/ul

RT: 20.635 min Scan# 2953

Delta R.T. -0.007 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

Instrument :

BNA_G

ClientSampleId :

SSTD020589

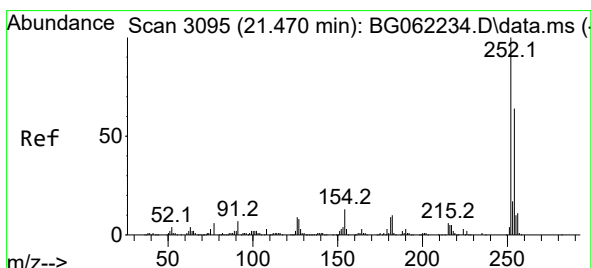
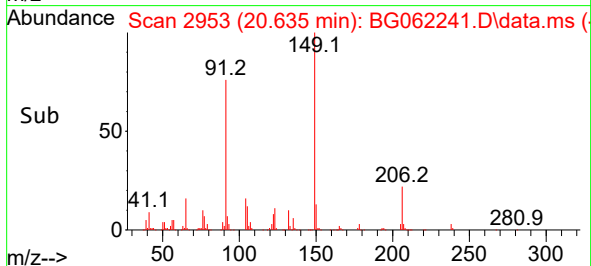
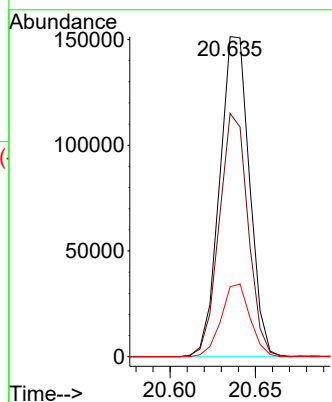
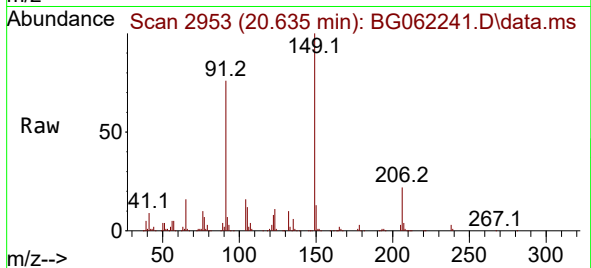
Tgt Ion:149 Resp: 184104

Ion Ratio Lower Upper

149 100

91 76.0 59.6 89.4

206 21.9 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 22.283 ng/ul

RT: 21.469 min Scan# 3095

Delta R.T. -0.001 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

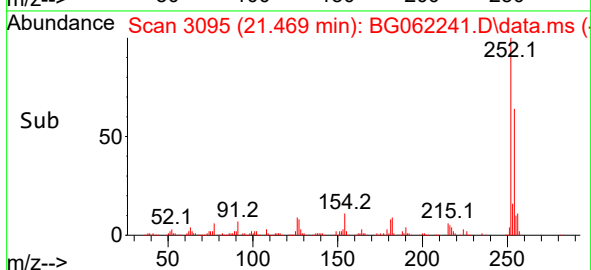
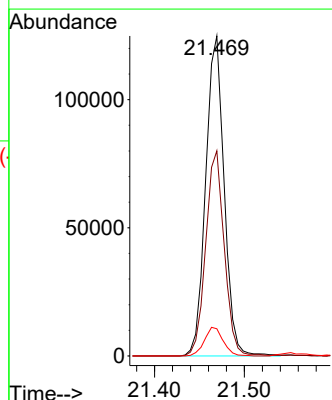
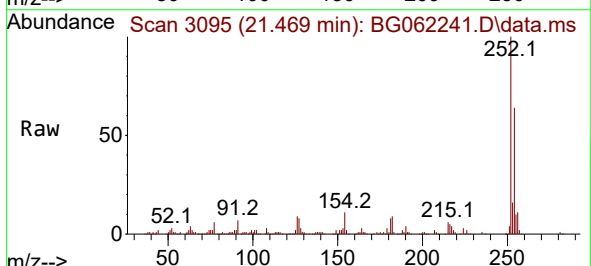
Tgt Ion:252 Resp: 178161

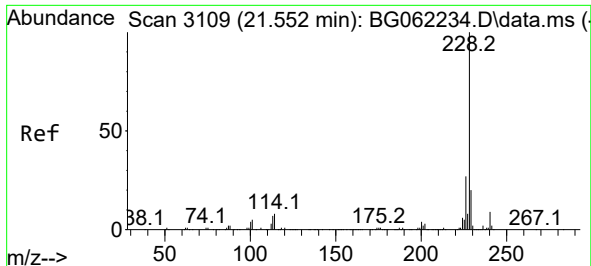
Ion Ratio Lower Upper

252 100

254 64.1 51.1 76.7

126 8.5 6.9 10.3

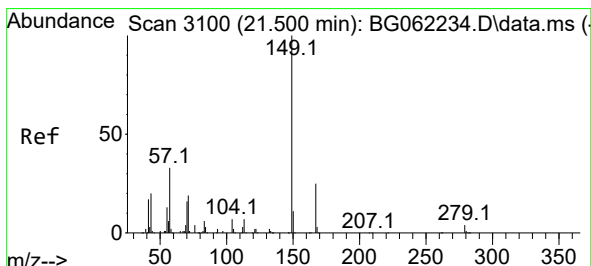
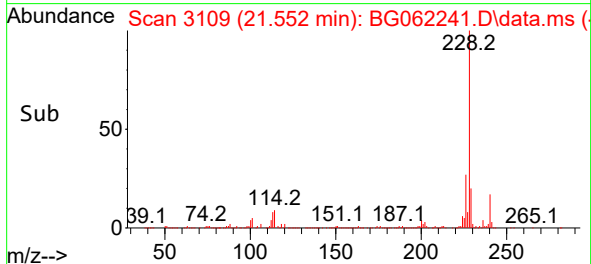
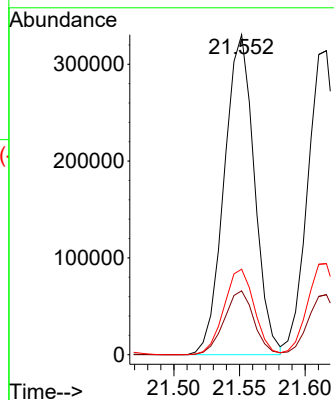
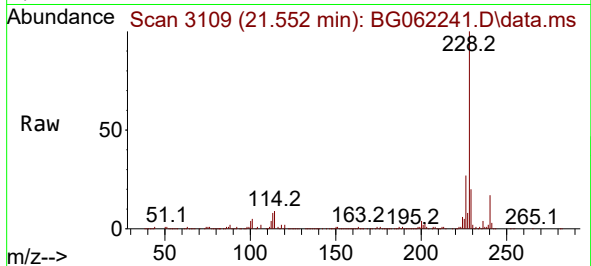




#85
Benzo(a)anthracene
Concen: 20.322 ng/ul
RT: 21.552 min Scan# 3109
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

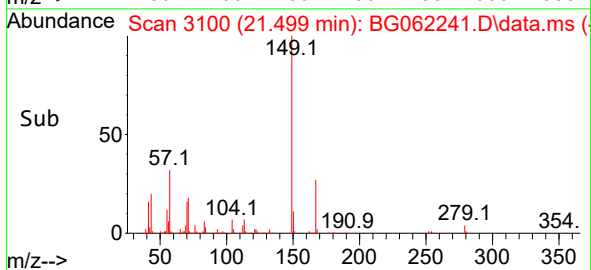
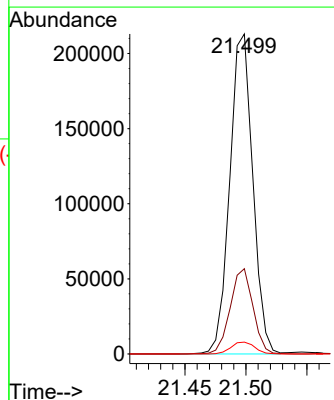
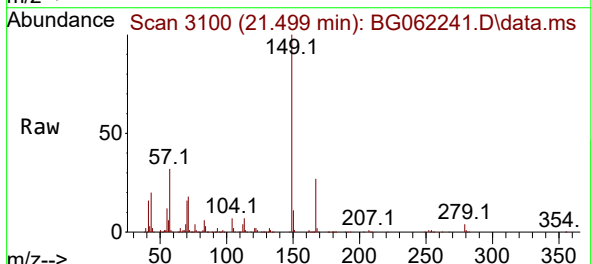
Instrument :
BNA_G
ClientSampleId :
SSTD020589

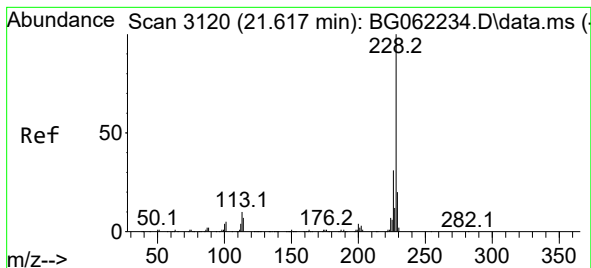
Tgt Ion:228 Resp: 528621
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 26.7 21.6 32.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.708 ng/ul
RT: 21.499 min Scan# 3100
Delta R.T. -0.001 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:149 Resp: 280412
Ion Ratio Lower Upper
149 100
167 26.6 19.9 29.9
279 3.7 3.2 4.8





#87

Chrysene

Concen: 20.374 ng/ul

RT: 21.616 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

Instrument :

BNA_G

ClientSampleId :

SSTD020589

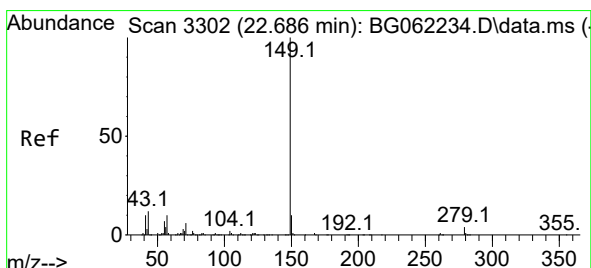
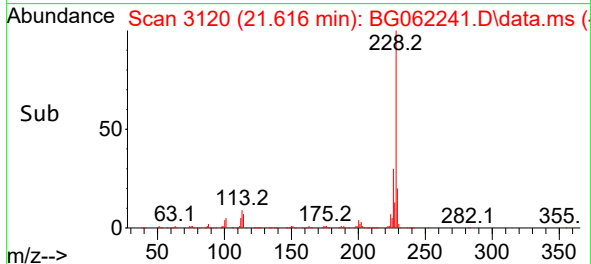
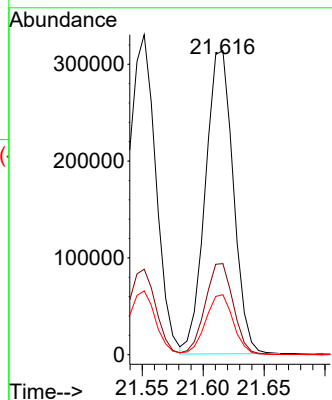
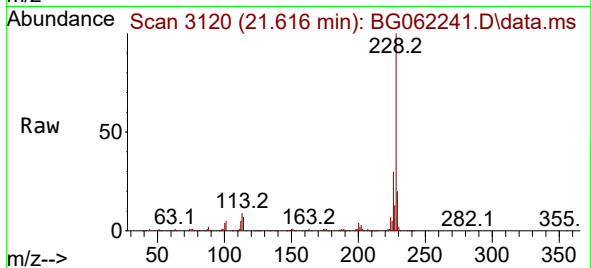
Tgt Ion:228 Resp: 500321

Ion Ratio Lower Upper

228 100

226 30.0 24.6 37.0

229 19.7 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 20.769 ng/ul

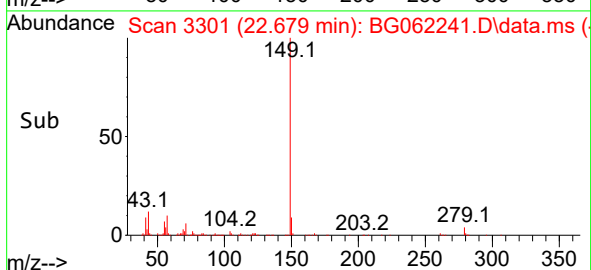
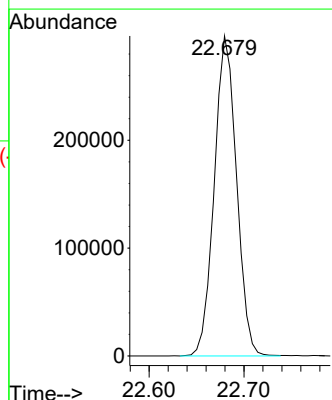
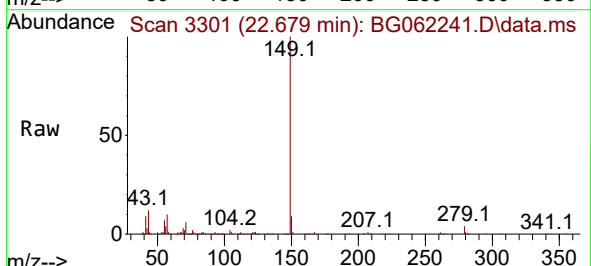
RT: 22.679 min Scan# 3301

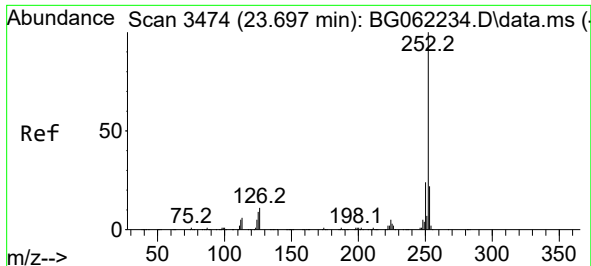
Delta R.T. -0.007 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

Tgt Ion:149 Resp: 484921

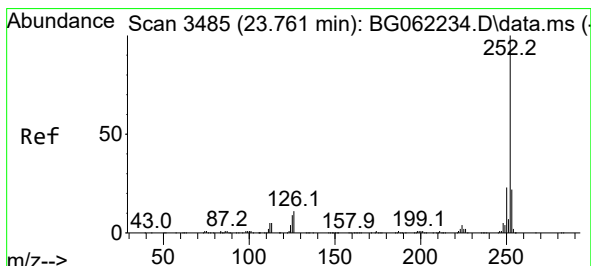
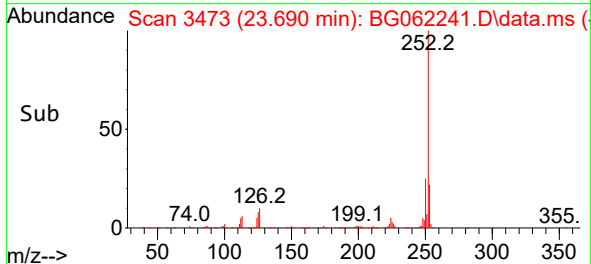
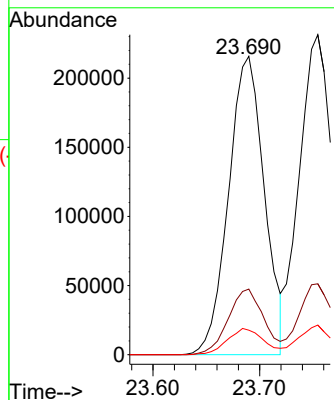
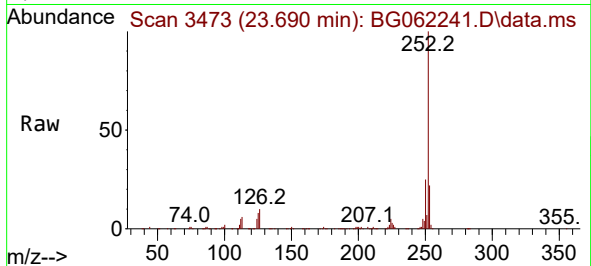




#90
Benzo(b)fluoranthene
Concen: 20.212 ng/ul
RT: 23.690 min Scan# 3474
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

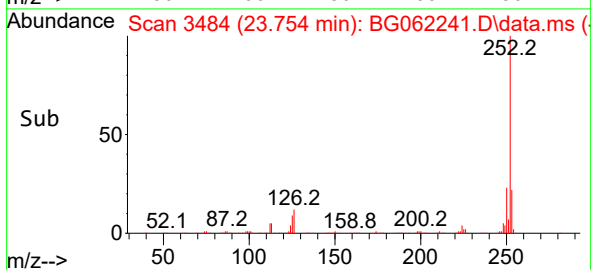
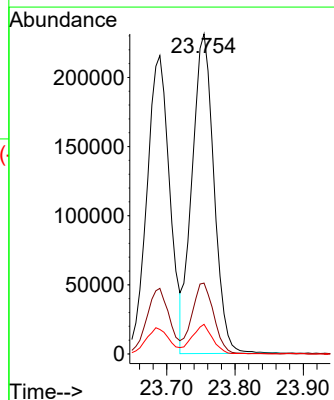
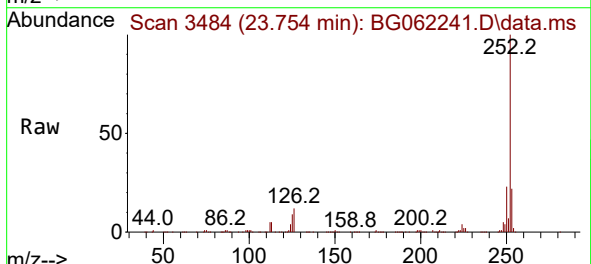
Instrument :
BNA_G
ClientSampleId :
SSTD020589

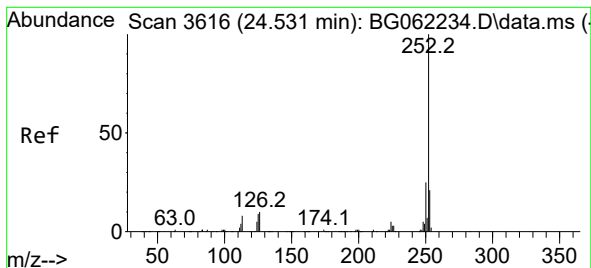
Tgt Ion:252 Resp: 503939
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.2 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 20.260 ng/ul
RT: 23.754 min Scan# 3484
Delta R.T. -0.007 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:252 Resp: 513894
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.3 6.8 10.2





#93

Benzo(a)pyrene

Concen: 20.394 ng/ul

RT: 24.524 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

Instrument :

BNA_G

ClientSampleId :

SSTD020589

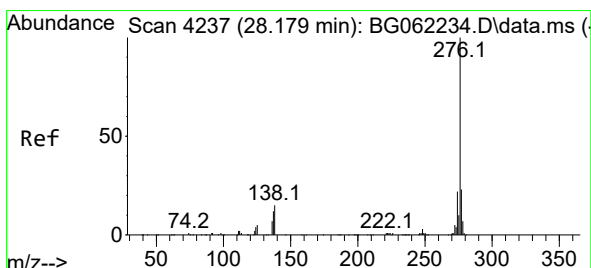
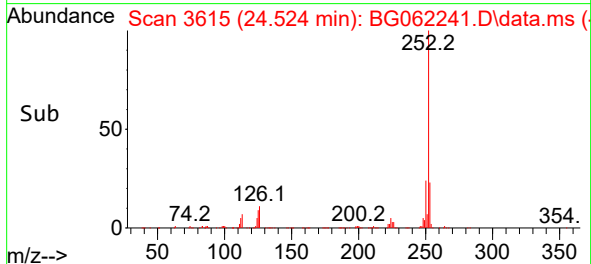
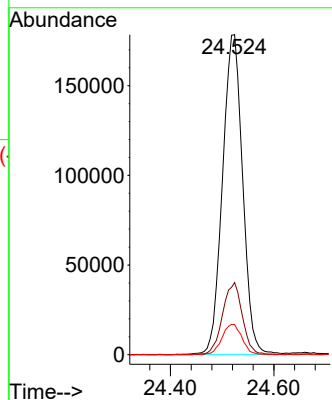
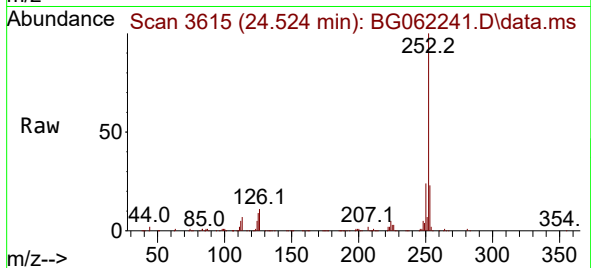
Tgt Ion:252 Resp: 481130

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 9.4 7.6 11.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.003 ng/ul

RT: 28.160 min Scan# 4234

Delta R.T. -0.019 min

Lab File: BG062241.D

Acq: 5 Aug 2024 17:15

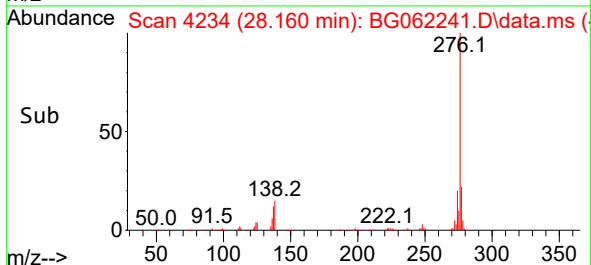
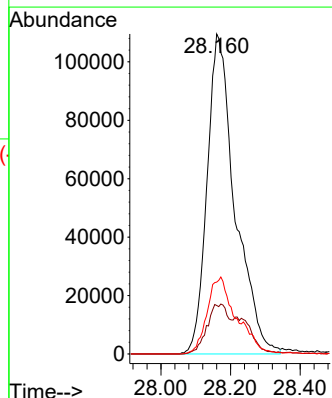
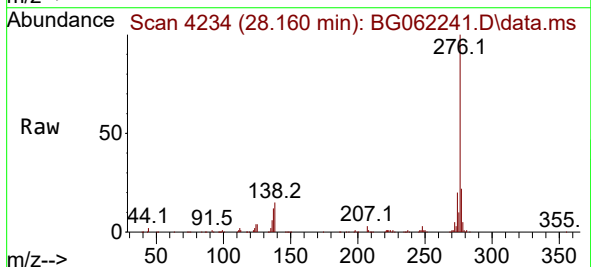
Tgt Ion:276 Resp: 611523

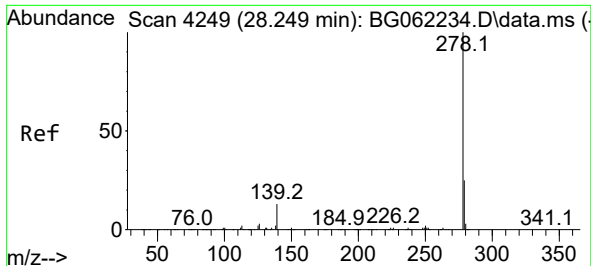
Ion Ratio Lower Upper

276 100

138 15.2 12.4 18.6

277 22.5 18.5 27.7

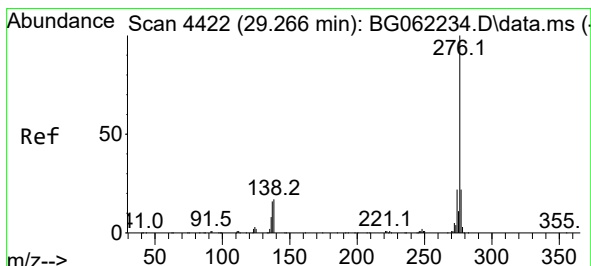
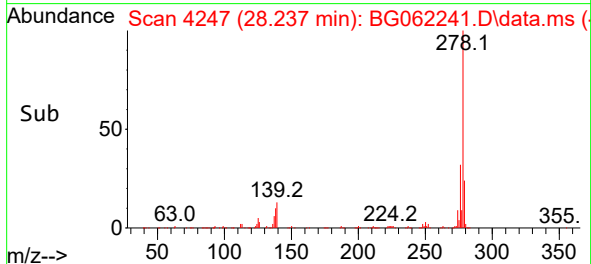
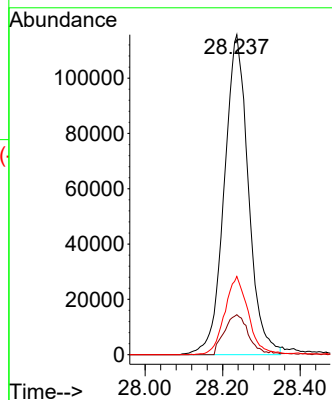
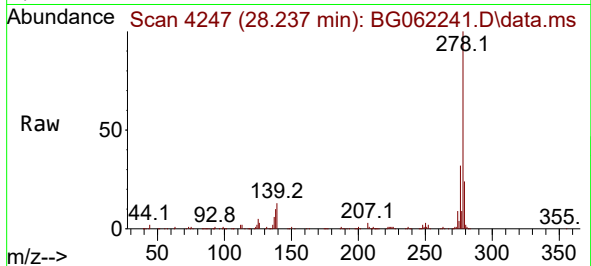




#95
Dibenzo(a,h)anthracene
Concen: 19.988 ng/ul
RT: 28.237 min Scan# 4119
Delta R.T. -0.013 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Instrument :
BNA_G
ClientSampleId :
SSTD020589

Tgt Ion:278 Resp: 499103
Ion Ratio Lower Upper
278 100
139 12.5 10.4 15.6
279 24.4 19.6 29.4



#96
Benzo(g,h,i)perylene
Concen: 19.947 ng/ul
RT: 29.247 min Scan# 4419
Delta R.T. -0.019 min
Lab File: BG062241.D
Acq: 5 Aug 2024 17:15

Tgt Ion:276 Resp: 463063
Ion Ratio Lower Upper
276 100
138 15.6 13.7 20.5
277 23.3 17.9 26.9

