

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061520.D
 Acq On : 6 Jun 2024 21:50
 Operator : MA/JU
 Sample : P2739-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E0005MS

Quant Time: Jun 06 22:45:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	31575	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	108826	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	75541	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	173623	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	187611	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	210811	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	3038	5.384	ng/uL	0.01
4) Pyridine-d5	3.775	84	23106	11.511	ng/u1	0.00
7) Phenol-d5	7.072	99	72659	28.022	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	44651	27.397	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	59919	31.224	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	55793	25.234	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	30040	35.852	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	35622	36.326	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	69398	36.301	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	69845	27.926	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	201966	34.472	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	221307	36.333	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	20328	28.064	ng/u1	0.00
60) Fluorene-d10	15.509	176	174649	34.528	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	29225	27.830	ng/u1	0.00
73) Anthracene-d10	17.360	188	283332	37.015	ng/u1	0.00
81) Pyrene-d10	19.657	212	302125	31.364	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	260471	25.700	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	9281	13.705	ng/uL	84
5) Pyridine	3.793	79	37711	18.995	ng/u1	93
6) Benzaldehyde	7.025	77	53610	39.541	ng/u1	85
8) Phenol	7.101	94	89032	33.700	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.301	93	65869	34.085	ng/u1	87
12) 2-Chlorophenol	7.454	128	74179	36.577	ng/u1	99
13) 2-Methylphenol	8.335	108	62192	30.375	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	143497	27.495	ng/u1#	95
16) Acetophenone	8.699	105	119096	31.562	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.681	70	57073	27.508	ng/u1	87
18) 4-Methylphenol	8.664	108	69503	30.638	ng/u1	97
19) Hexachloroethane	8.952	117	26738	29.632	ng/u1	94
22) Nitrobenzene	9.081	77	90439	39.354	ng/u1	97
23) Isophorone	9.598	82	159574	34.135	ng/u1	99
25) 2-Nitrophenol	9.786	139	44975	42.255	ng/u1	97
26) 2,4-Dimethylphenol	9.857	107	32950	15.624	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.080	93	86448	36.891	ng/u1	99
29) 2,4-Dichlorophenol	10.332	162	75938	43.127	ng/u1	91
30) Naphthalene	10.720	128	233761	40.696	ng/u1	100
32) 4-Chloroaniline	10.832	127	74945	30.153	ng/u1	99
33) Hexachlorobutadiene	11.002	225	80667	46.870	ng/u1	96
34) Caprolactam	11.602	113	14660	21.762	ng/u1	94
35) 4-Chloro-3-methylphenol	11.978	107	75643	33.232	ng/u1	93
36) 2-Methylnaphthalene	12.330	142	161851	38.855	ng/u1	100

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 Response via : Initial Calibration

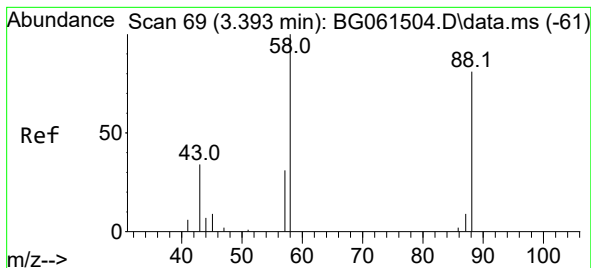
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.548	142	161648	37.813	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.700	216	131491	52.722	ng/ul	96
40) Hexachlorocyclopentadiene	12.677	237	9911	8.804	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.953	196	71620	50.982	ng/ul	95
42) 2,4,5-Trichlorophenol	13.035	196	72791	49.204	ng/ul	98
43) 1,1'-Biphenyl	13.341	154	226182	46.305	ng/ul	97
44) 2-Chloronaphthalene	13.388	162	178159	46.346	ng/ul	95
45) 2-Nitroaniline	13.593	65	62334	39.289	ng/ul	97
47) Dimethylphthalate	13.964	163	237092	38.826	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	48958	40.884	ng/ul	97
50) Acenaphthylene	14.234	152	274684	40.668	ng/ul	98
51) 3-Nitroaniline	14.428	138	44183	42.515	ng/ul#	87
52) Acenaphthene	14.575	153	182959	41.293	ng/ul	99
55) 4-Nitrophenol	14.774	109	30939	36.330	ng/ul	90
56) Dibenzofuran	14.915	168	265356	41.887	ng/ul	95
57) 2,4-Dinitrotoluene	14.892	165	69267	38.019	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.150	232	61744	45.761	ng/ul	94
59) Diethylphthalate	15.333	149	221677	36.762	ng/ul	98
61) Fluorene	15.562	166	220589	40.244	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.556	204	131331	40.854	ng/ul	99
63) 4-Nitroaniline	15.591	138	46830	43.265	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.667	198	39332	35.740	ng/ul	92
67) N-Nitrosodiphenylamine	15.773	169	195008	44.687	ng/ul	96
68) 4-Bromophenyl-phenylether	16.449	248	96073	46.701	ng/ul	97
69) Hexachlorobenzene	16.572	284	84984	37.166	ng/ul	97
70) Atrazine	16.725	200	67355	39.001	ng/ul	94
71) Pentachlorophenol	16.931	266	29493	37.058	ng/ul	90
72) Phenanthrene	17.307	178	382069	45.339	ng/ul	97
74) Anthracene	17.395	178	363928	41.768	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.311	216	121783	53.064	ng/uL	98
76) Pentachlorobenzene	14.839	250	120135	47.345	ng/uL	94
77) Carbazole	17.671	167	278086	39.239	ng/ul	98
78) Di-n-butylphthalate	18.223	149	370102	41.678	ng/ul	99
80) Fluoranthene	19.322	202	560100	48.468	ng/ul	99
82) Pyrene	19.686	202	468609	39.066	ng/ul	97
83) Butylbenzylphthalate	20.573	149	167761	40.712	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.414	252	128904	32.369	ng/ul	97
85) Benzo(a)anthracene	21.502	228	593192	45.823	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	240523	39.433	ng/ul#	96
87) Chrysene	21.566	228	560593	47.030	ng/ul	99
89) Di-n-octyl phthalate	22.565	149	426008	40.392	ng/ul	100
90) Benzo(b)fluoranthene	23.640	252	615092	49.005	ng/ul	97
91) Benzo(k)fluoranthene	23.699	252	559558	43.914	ng/ul	98
93) Benzo(a)pyrene	24.469	252	285232	23.932	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.135	276	262457	18.209	ng/ul	99
95) Dibenzo(a,h)anthracene	28.176	278	506182	42.592	ng/ul	100
96) Benzo(g,h,i)perylene	29.210	276	46492	4.055	ng/ul	98

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

E0005MS

Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 13.705 ng/uL

RT: 3.399 min Scan# 70

Delta R.T. 0.006 min

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Instrument :

BNA_G

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E0005MS

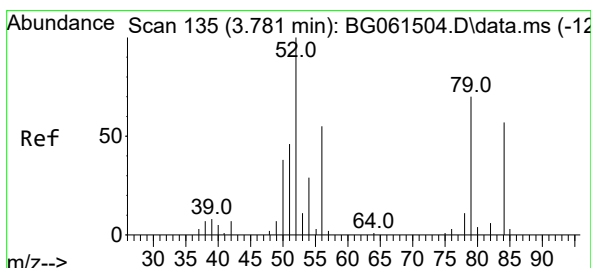
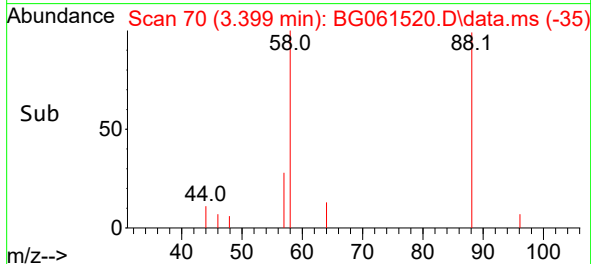
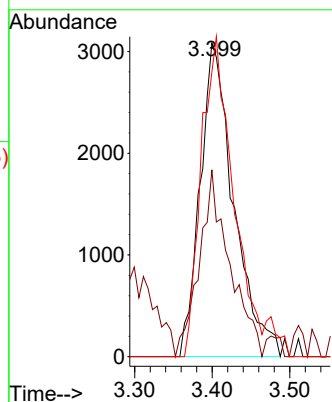
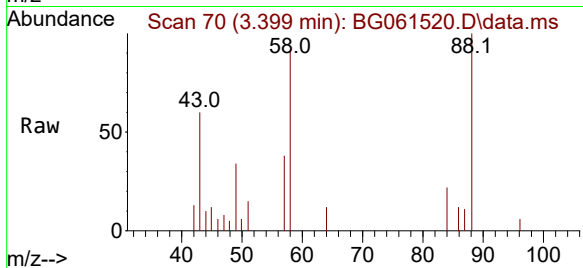
Tgt Ion: 88 Resp: 9281

Ion Ratio Lower Upper

88 100

43 59.6 44.6 67.0

58 90.8 90.3 135.5



#5

Pyridine

Concen: 18.995 ng/uL

RT: 3.793 min Scan# 137

Delta R.T. 0.012 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

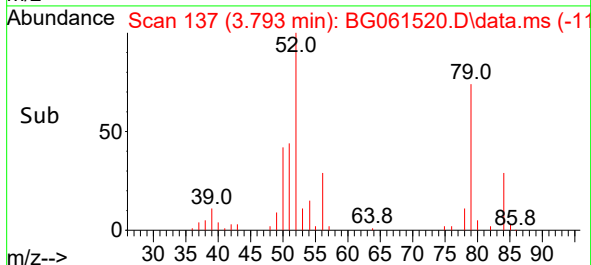
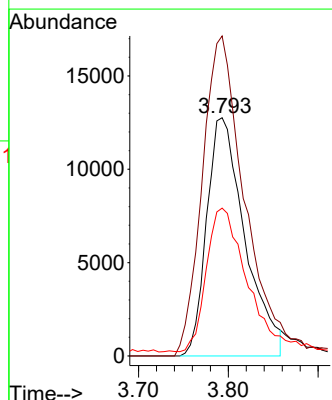
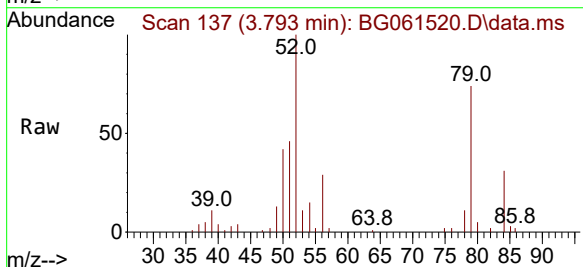
Tgt Ion: 79 Resp: 37711

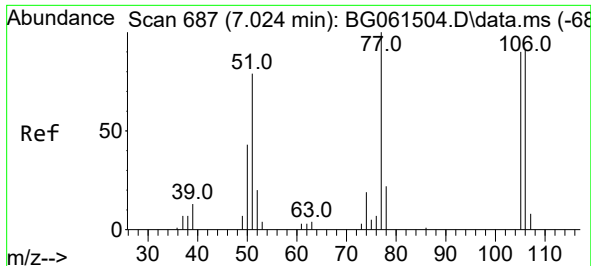
Ion Ratio Lower Upper

79 100

52 134.3 116.3 174.5

51 62.0 52.1 78.1

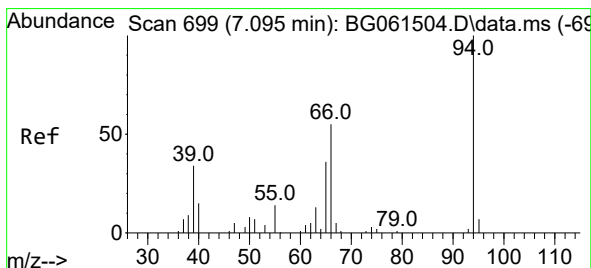
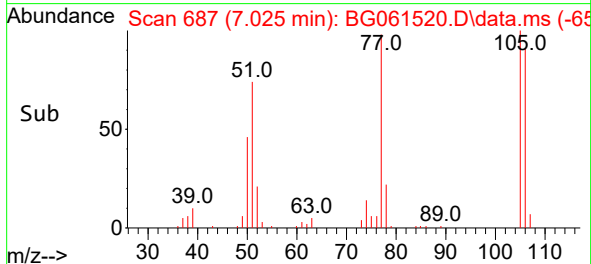
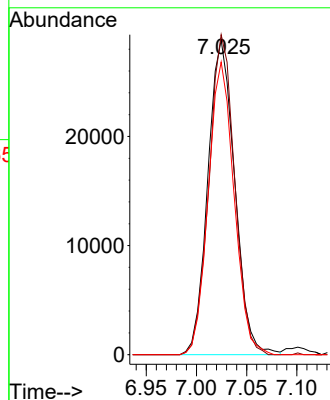
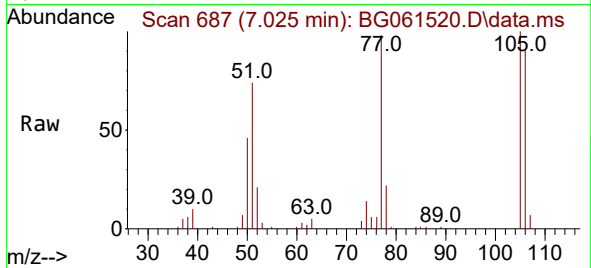




#6
Benzaldehyde
Concen: 39.541 ng/ul
RT: 7.025 min Scan# 687
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

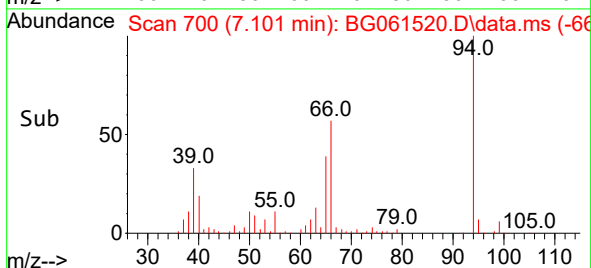
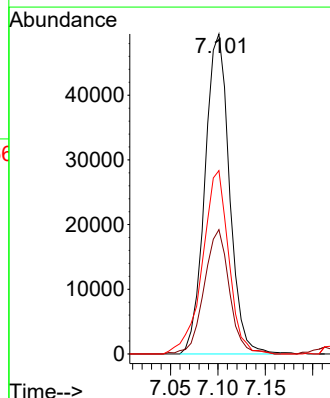
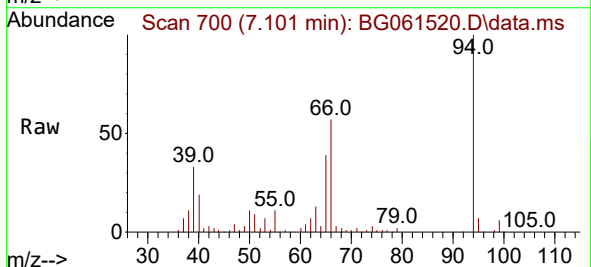
Instrument :
BNA_G
ClientSampleId :
E0005MS

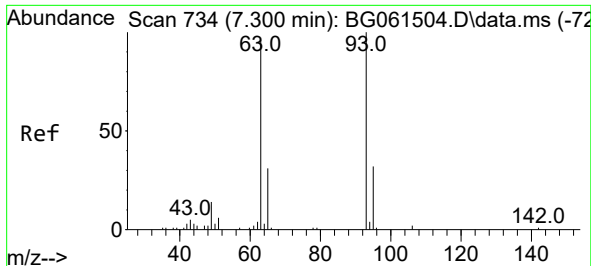
Tgt Ion: 77 Resp: 53610
Ion Ratio Lower Upper
77 100
105 101.7 71.0 106.6
106 93.0 63.4 95.2



#8
Phenol
Concen: 33.700 ng/ul
RT: 7.101 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion: 94 Resp: 89032
Ion Ratio Lower Upper
94 100
65 38.9 35.0 52.4
66 57.3 50.3 75.5

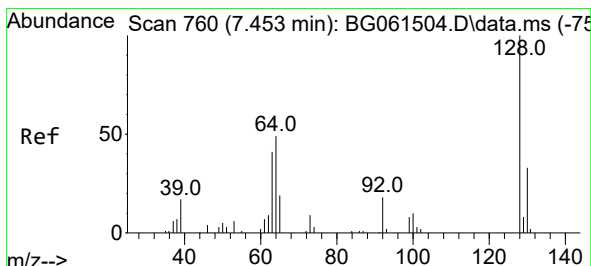
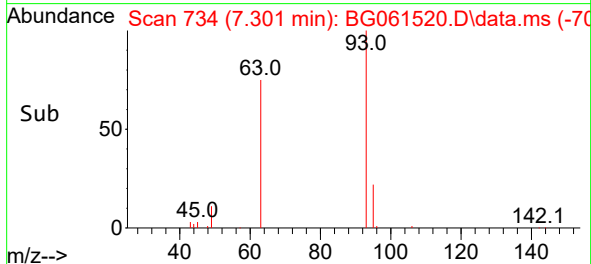
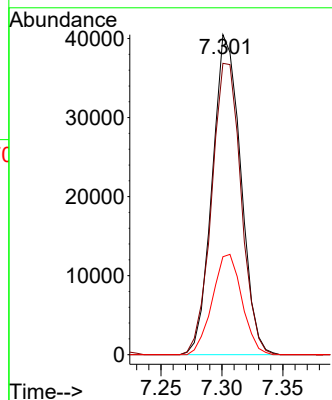
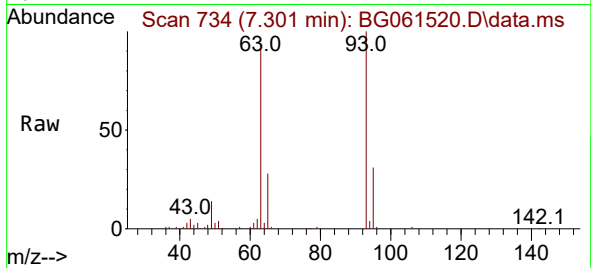




#10
Bis(2-Chloroethyl)ether
Concen: 34.085 ng/ul
RT: 7.301 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

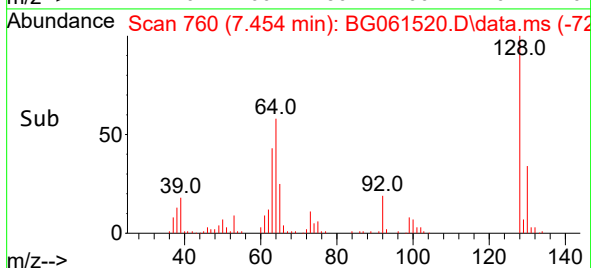
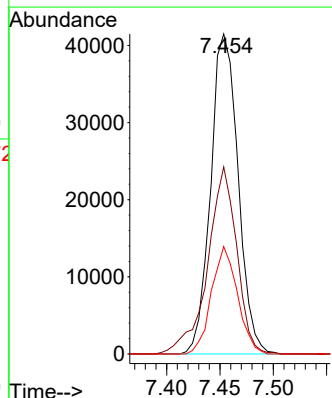
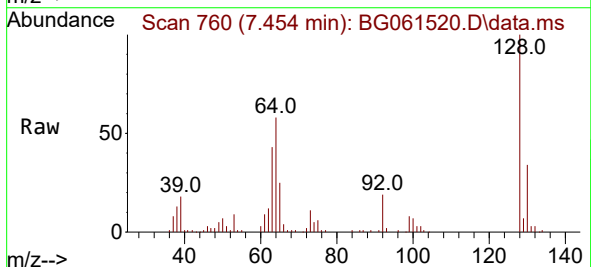
Instrument :
BNA_G
ClientSampleId :
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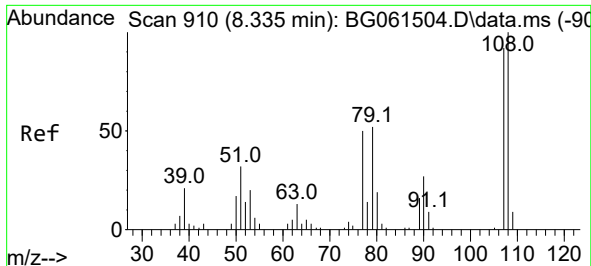
Tgt Ion: 93 Resp: 65869
Ion Ratio Lower Upper
93 100
63 91.0 86.2 129.2
95 30.6 25.8 38.8



#12
2-Chlorophenol
Concen: 36.577 ng/ul
RT: 7.454 min Scan# 760
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:128 Resp: 74179
Ion Ratio Lower Upper
128 100
64 58.4 46.9 70.3
130 33.6 25.8 38.8





#13

2-Methylphenol

Concen: 30.375 ng/ul

RT: 8.335 min Scan# 910

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

Instrument :

BNA_G

ClientSampleId :

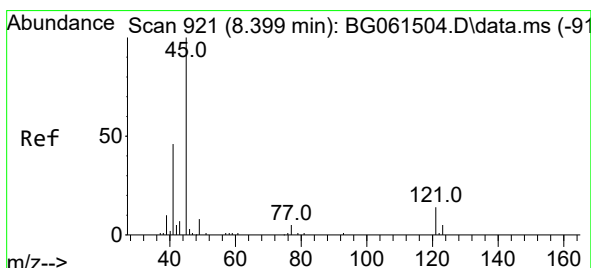
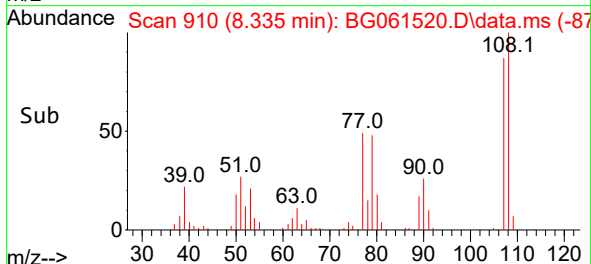
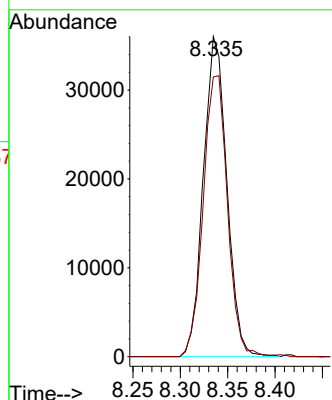
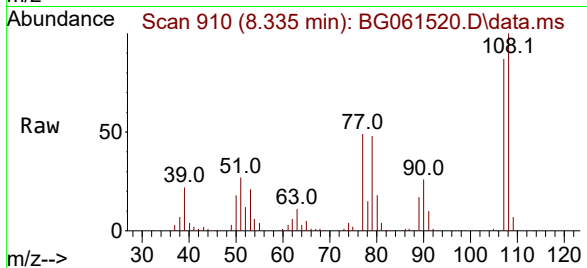
E0005MS

Tgt Ion:108 Resp: 62192

Ion Ratio Lower Upper

108 100

107 87.4 69.5 104.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.495 ng/ul

RT: 8.399 min Scan# 921

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

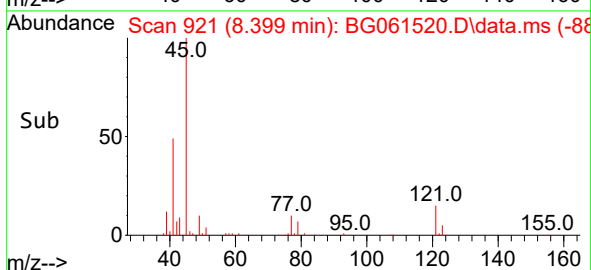
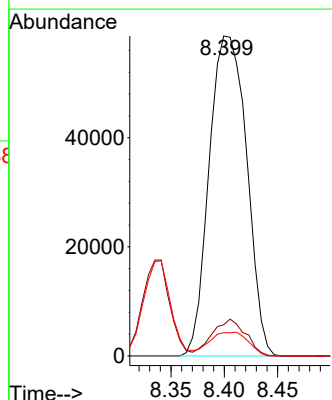
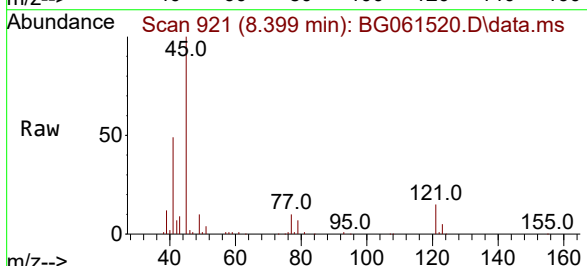
Tgt Ion: 45 Resp: 143497

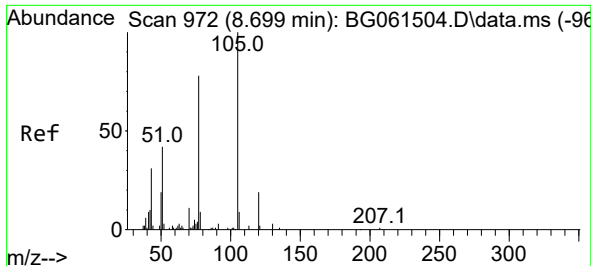
Ion Ratio Lower Upper

45 100

77 9.7 6.2 9.2#

79 7.3 4.6 7.0#

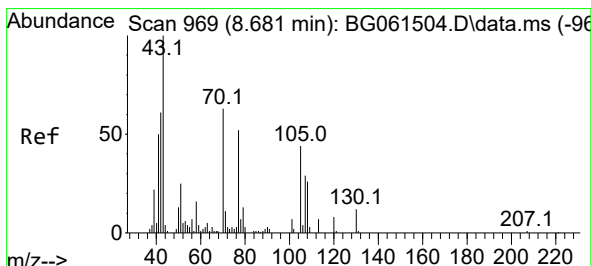
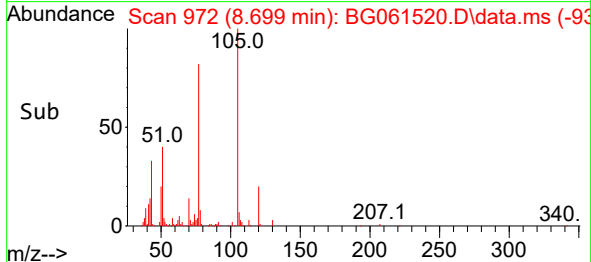
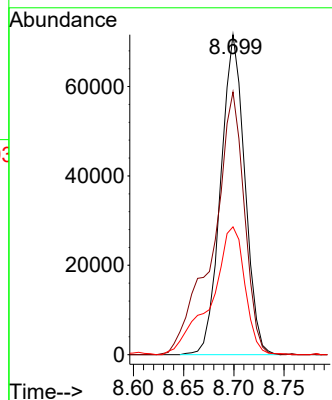
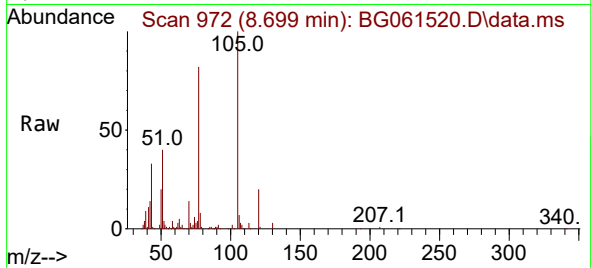




#16
Acetophenone
Concen: 31.562 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

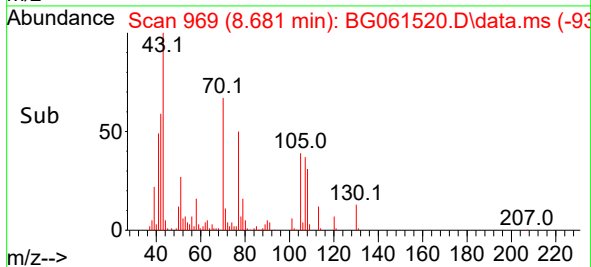
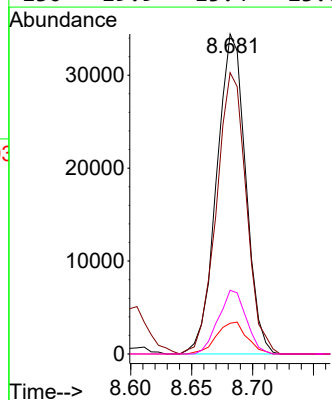
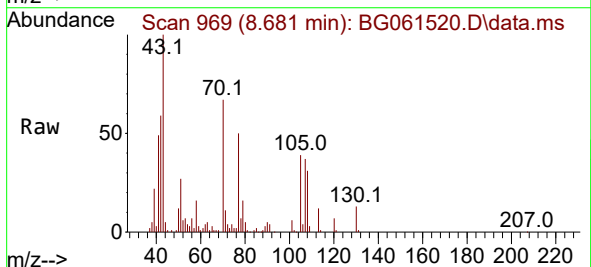
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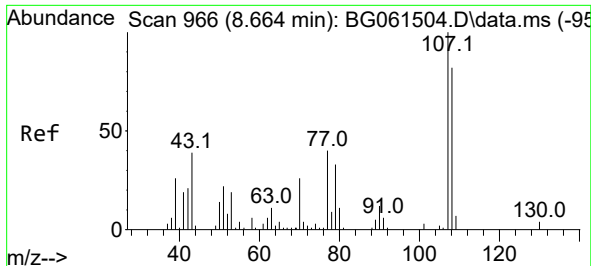
Tgt Ion:105 Resp: 119096
Ion Ratio Lower Upper
105 100
77 82.1 70.4 105.6
51 40.0 38.4 57.6



#17
N-Nitroso-di-n-propylamine
Concen: 27.508 ng/ul
RT: 8.681 min Scan# 969
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion: 70 Resp: 57073
Ion Ratio Lower Upper
70 100
42 87.9 83.2 124.8
101 9.6 6.6 9.8
130 19.9 15.4 23.0

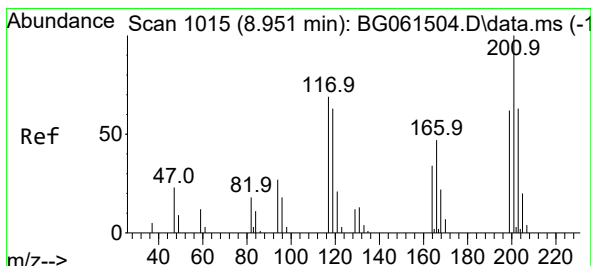
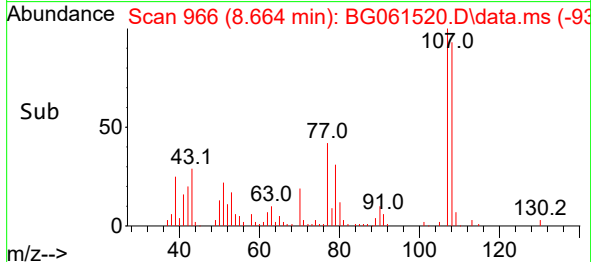
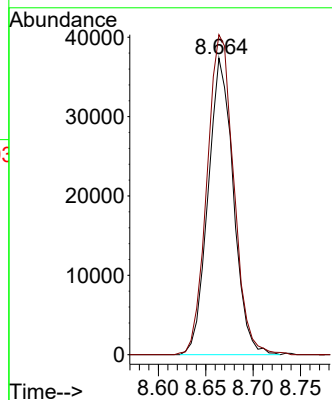
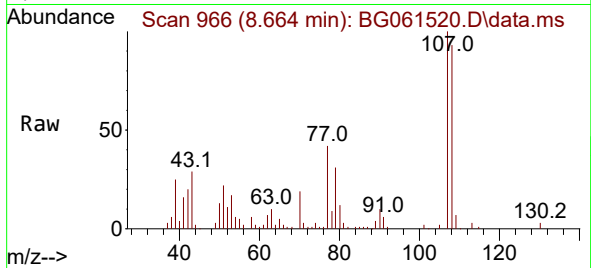




#18
4-Methylphenol
Concen: 30.638 ng/ul
RT: 8.664 min Scan# 966
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

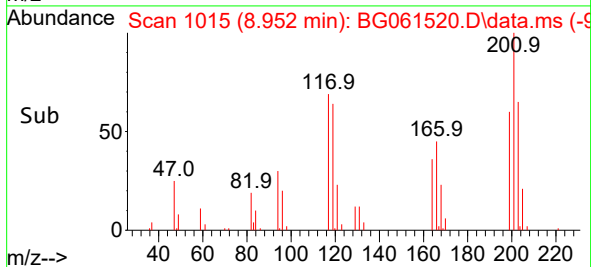
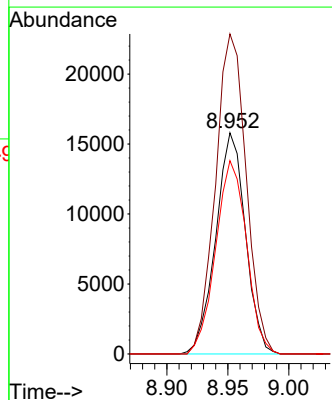
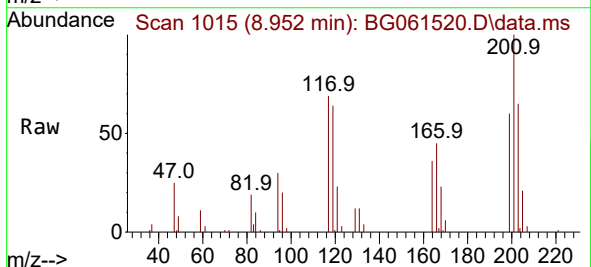
Instrument :
BNA_G
ClientSampleId :
E0005MS

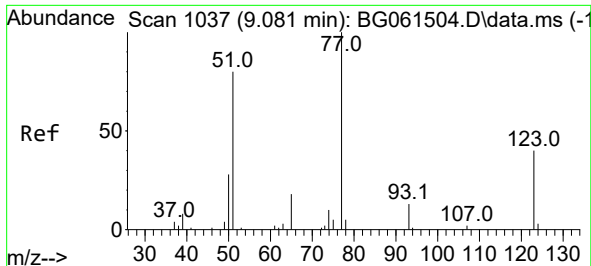
Tgt Ion:108 Resp: 69503
Ion Ratio Lower Upper
108 100
107 107.9 89.3 133.9



#19
Hexachloroethane
Concen: 29.632 ng/ul
RT: 8.952 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:117 Resp: 26738
Ion Ratio Lower Upper
117 100
201 144.8 110.8 166.2
199 87.5 65.1 97.7

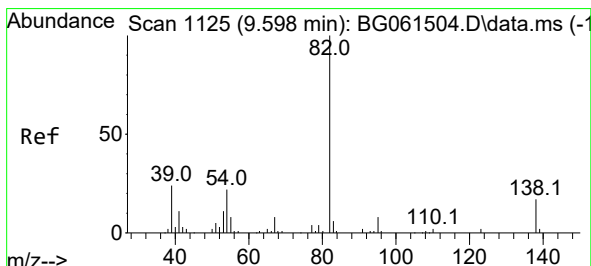
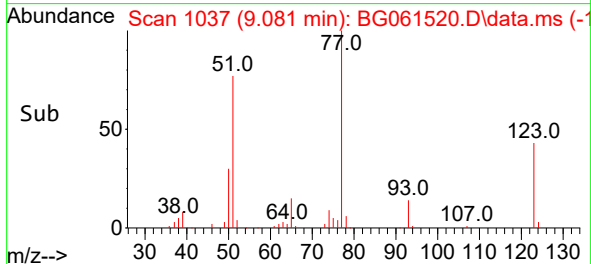
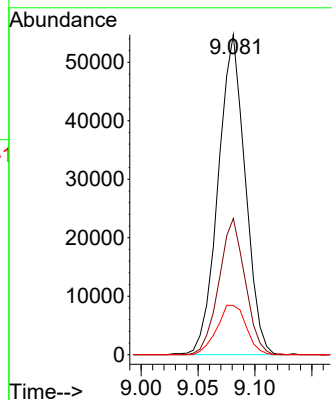
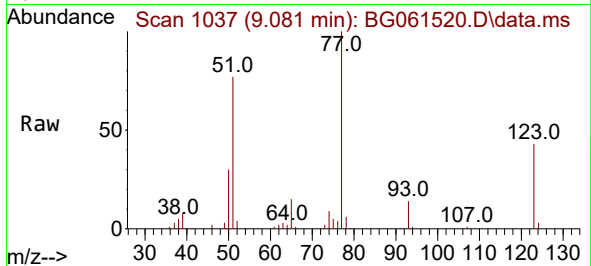




#22
Nitrobenzene
Concen: 39.354 ng/ul
RT: 9.081 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

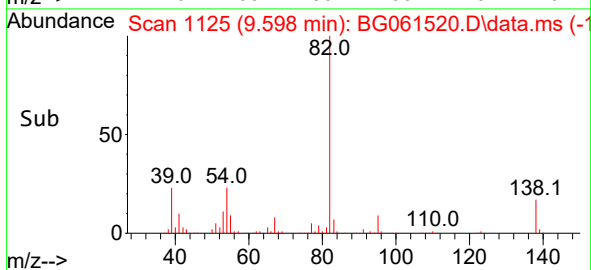
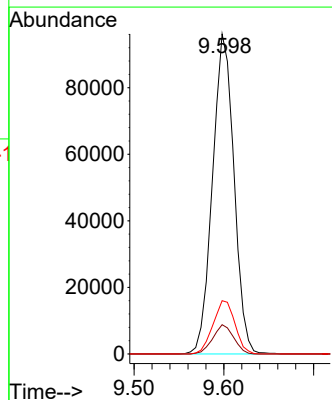
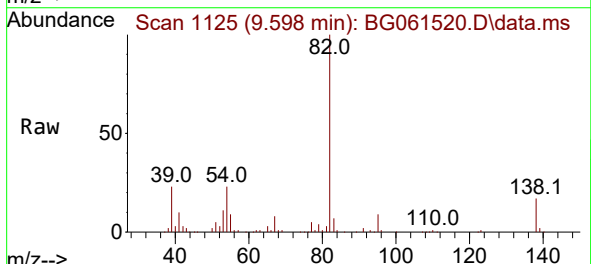
Instrument :
BNA_G
ClientSampleId :
E0005MS

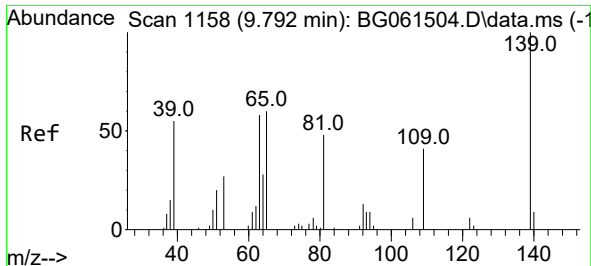
Tgt Ion: 77 Resp: 90439
Ion Ratio Lower Upper
77 100
123 42.5 32.7 49.1
65 15.4 14.2 21.2



#23
Isophorone
Concen: 34.135 ng/ul
RT: 9.598 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion: 82 Resp: 159574
Ion Ratio Lower Upper
82 100
95 9.2 6.9 10.3
138 16.7 13.5 20.3

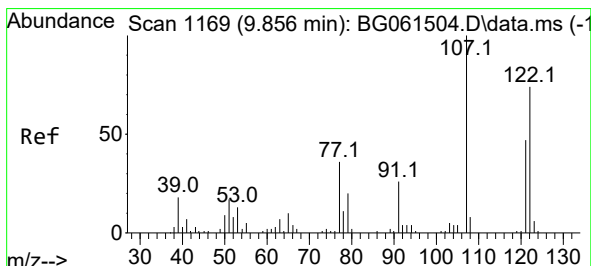
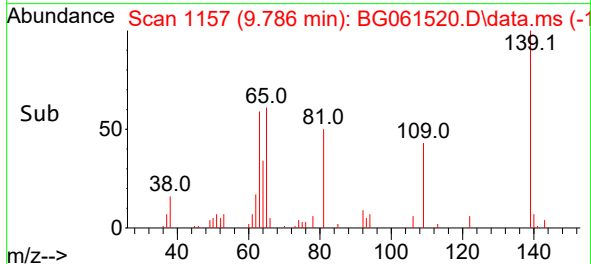
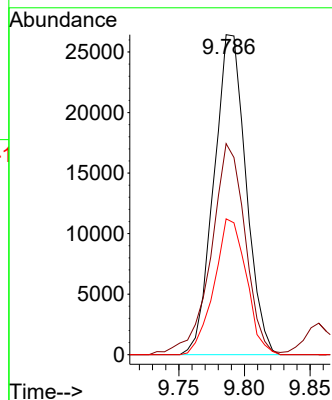
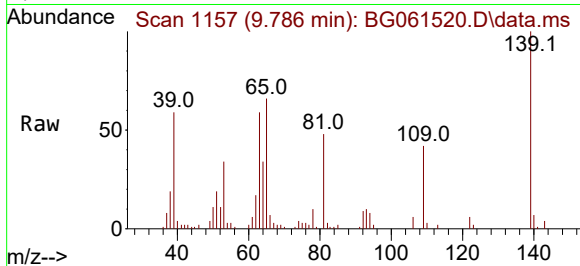




#25
2-Nitrophenol
Concen: 42.255 ng/ul
RT: 9.786 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

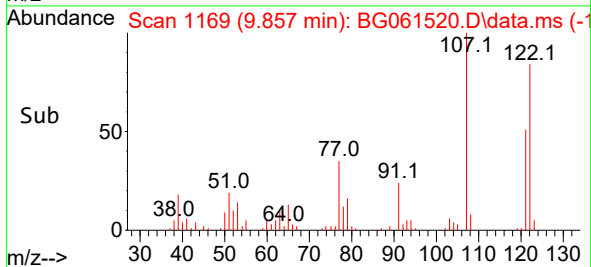
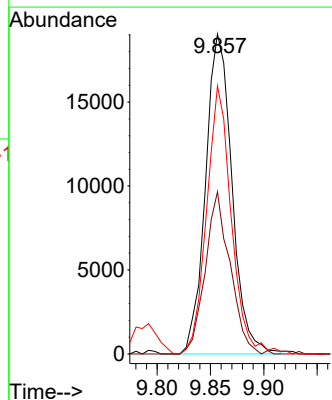
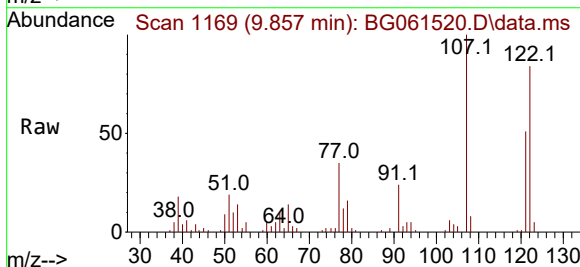
Instrument :
BNA_G
ClientSampleId :
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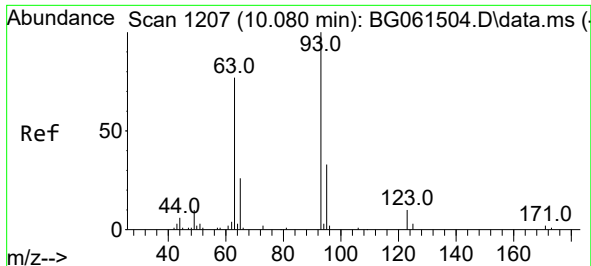
Tgt Ion:139 Resp: 44975
Ion Ratio Lower Upper
139 100
65 66.0 56.1 84.1
109 42.5 33.8 50.6



#26
2,4-Dimethylphenol
Concen: 15.624 ng/ul
RT: 9.857 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:107 Resp: 32950
Ion Ratio Lower Upper
107 100
121 50.7 36.4 54.6
122 83.8 65.8 98.8

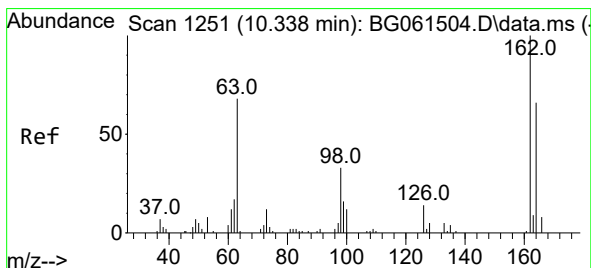
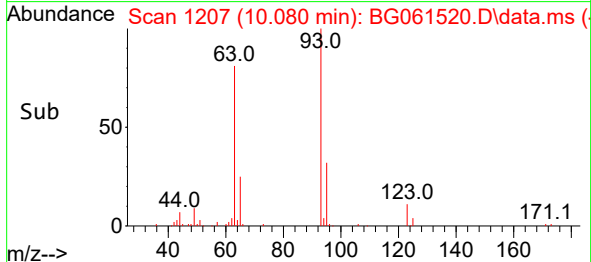
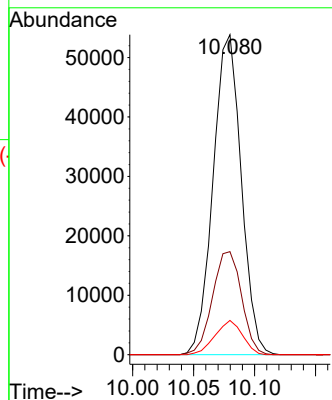
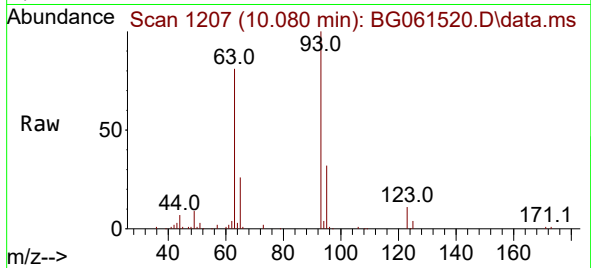




#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.891 ng/ul
 RT: 10.080 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BG061520.D
 Acq: 6 Jun 2024 21:50

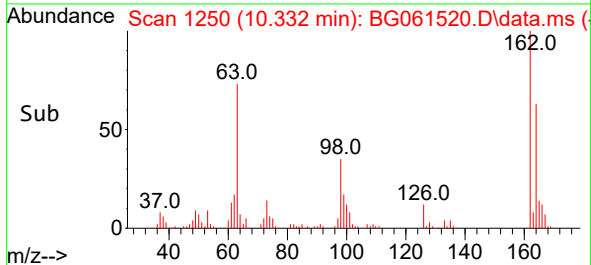
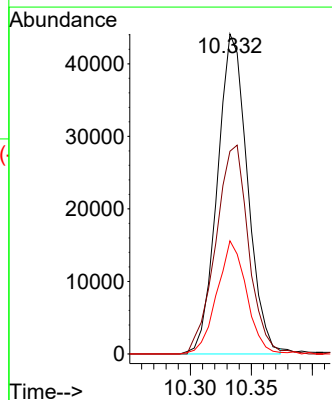
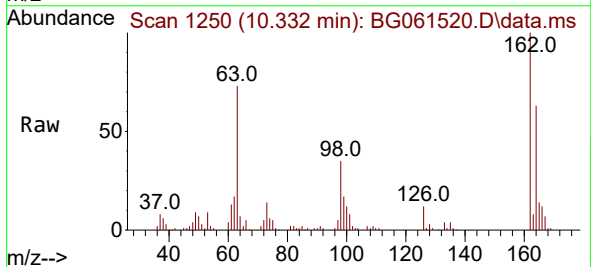
Instrument :
 BNA_G
 ClientSampleId :
 E0005MS

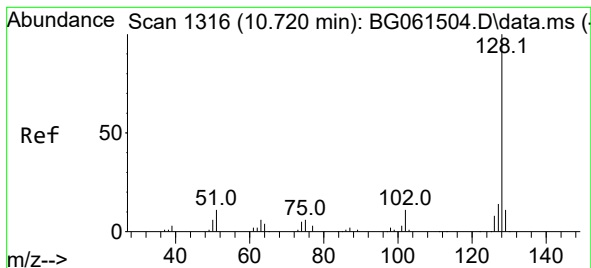
Tgt Ion: 93 Resp: 86448
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.8
 123 10.7 7.2 10.8



#29
 2,4-Dichlorophenol
 Concen: 43.127 ng/ul
 RT: 10.332 min Scan# 1250
 Delta R.T. -0.006 min
 Lab File: BG061520.D
 Acq: 6 Jun 2024 21:50

Tgt Ion:162 Resp: 75938
 Ion Ratio Lower Upper
 162 100
 164 63.4 58.4 87.6
 98 35.4 29.9 44.9

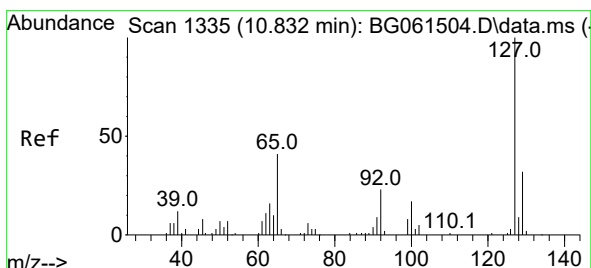
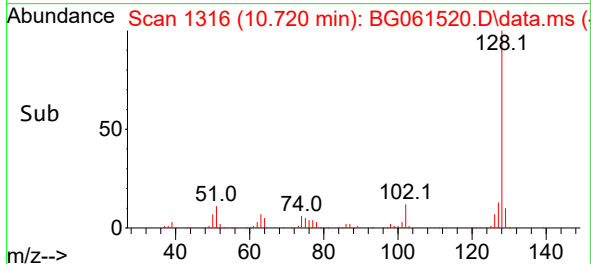
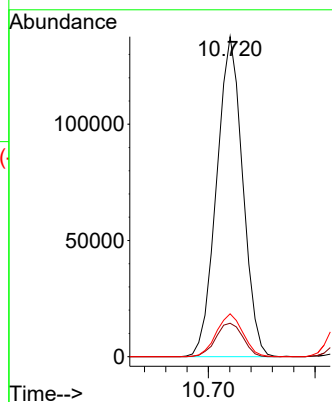
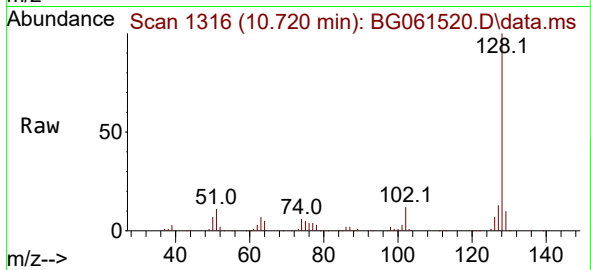




#30
Naphthalene
Concen: 40.696 ng/ul
RT: 10.720 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

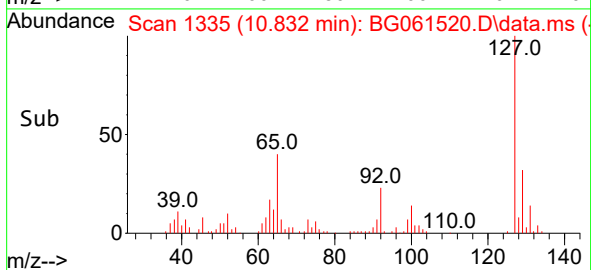
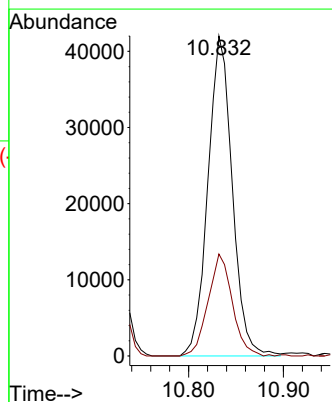
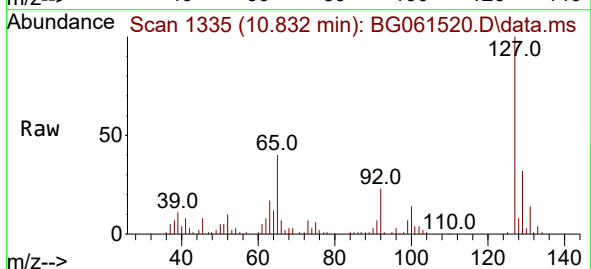
Instrument :
BNA_G
ClientSampleId :
E0005MS

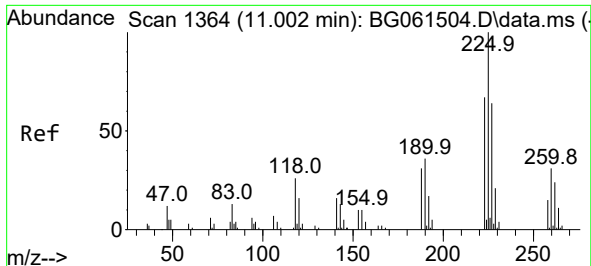
Tgt Ion:128 Resp: 233761
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.4 10.8 16.2



#32
4-Chloroaniline
Concen: 30.153 ng/ul
RT: 10.832 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:127 Resp: 74945
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9

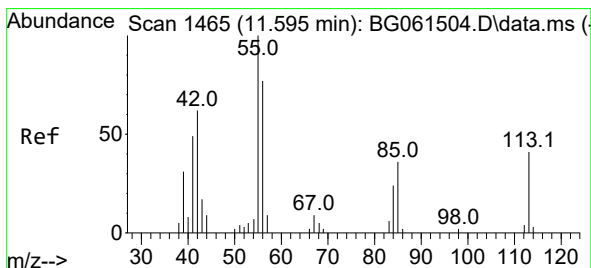
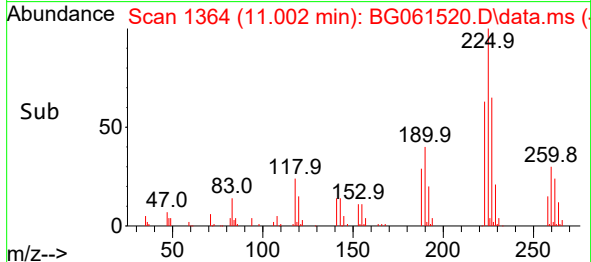
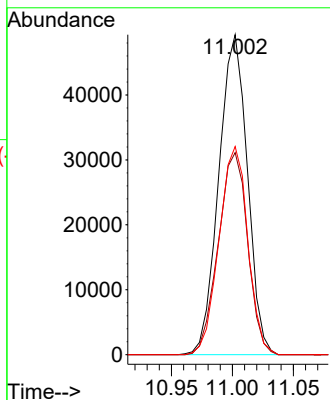
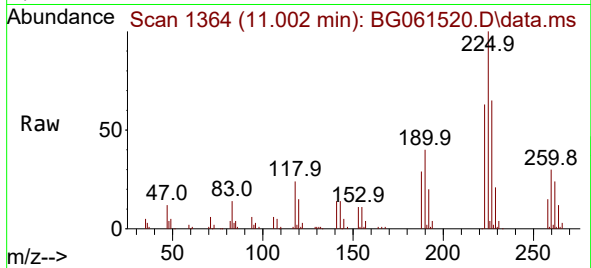




#33
Hexachlorobutadiene
Concen: 46.870 ng/ul
RT: 11.002 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

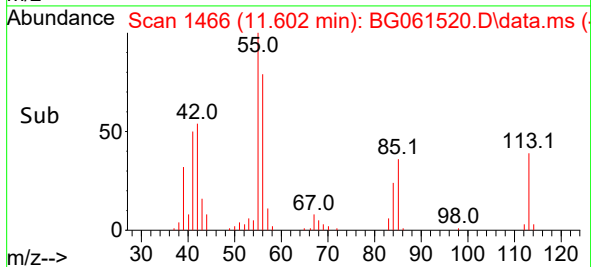
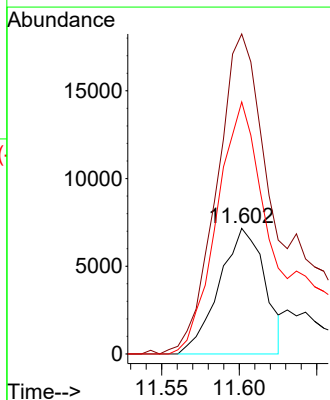
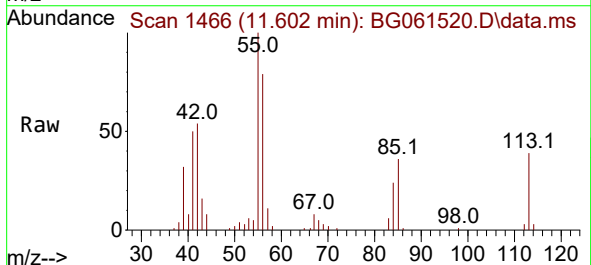
Instrument :
BNA_G
ClientSampleId :
E0005MS

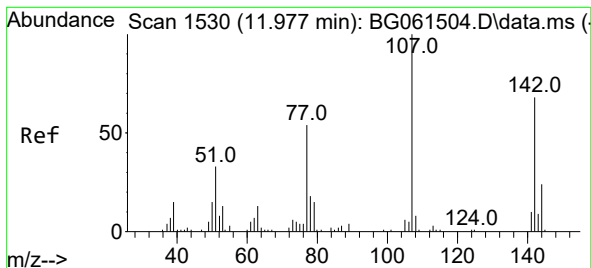
Tgt Ion:225 Resp: 80667
Ion Ratio Lower Upper
225 100
223 63.1 53.8 80.8
227 65.1 50.2 75.2



#34
Caprolactam
Concen: 21.762 ng/ul
RT: 11.602 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:113 Resp: 14660
Ion Ratio Lower Upper
113 100
55 254.6 199.0 298.4
56 200.6 150.6 226.0

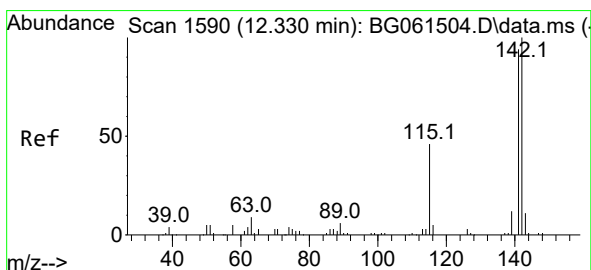
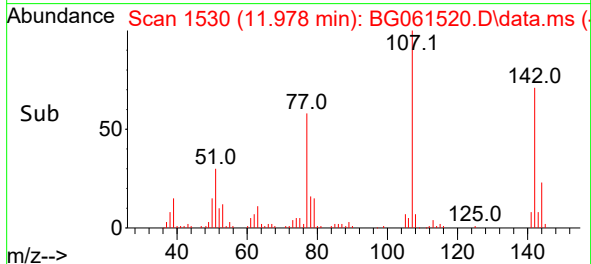
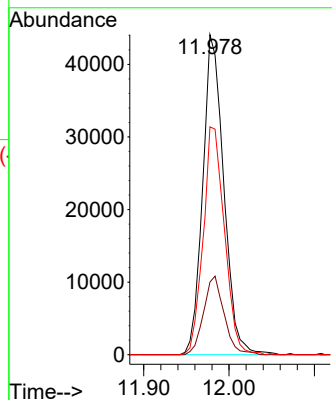
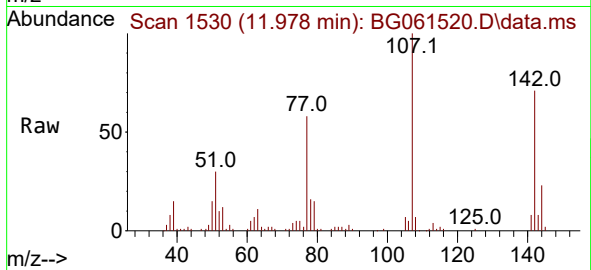




#35
4-Chloro-3-methylphenol
Concen: 33.232 ng/ul
RT: 11.978 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

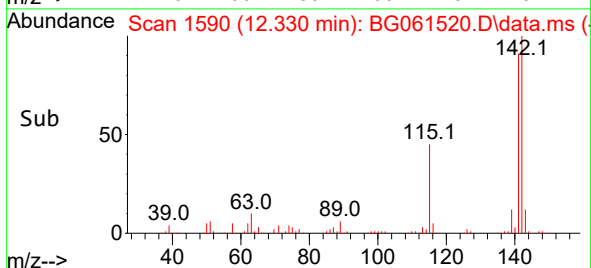
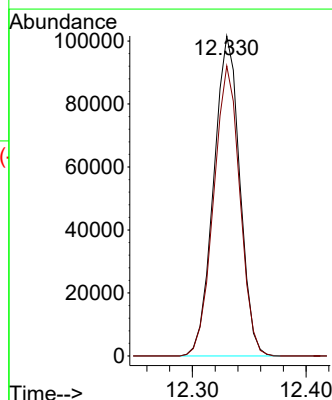
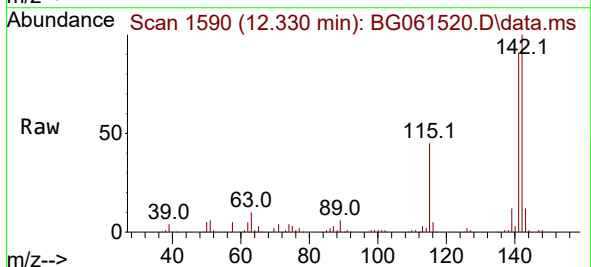
Instrument :
BNA_G
ClientSampleId :
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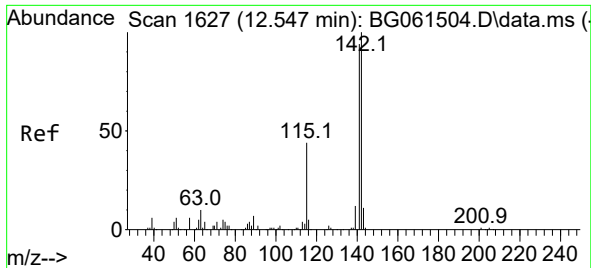
Tgt Ion:107 Resp: 75643
Ion Ratio Lower Upper
107 100
144 22.7 21.2 31.8
142 71.2 61.6 92.4



#36
2-Methylnaphthalene
Concen: 38.855 ng/ul
RT: 12.330 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:142 Resp: 161851
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2

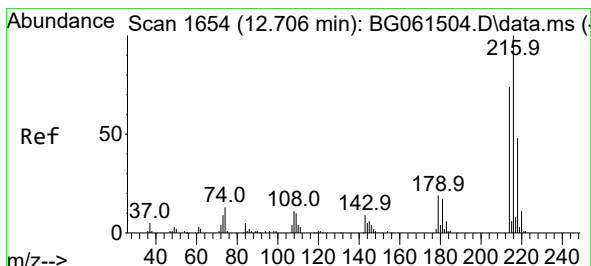
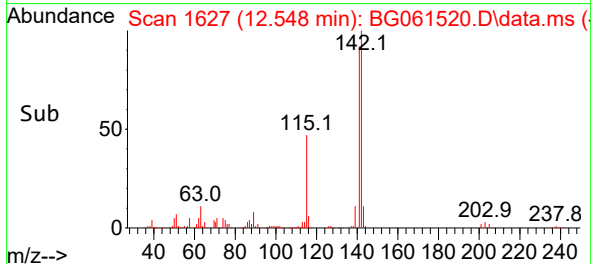
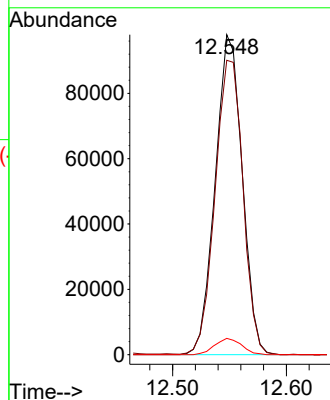
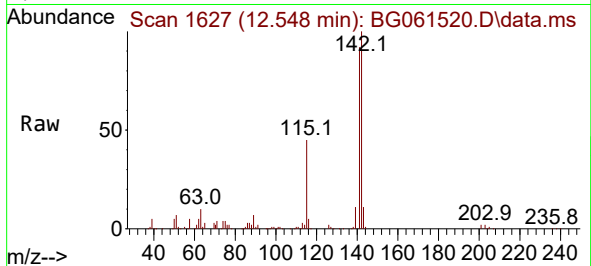




#37
1-Methylnaphthalene
Concen: 37.813 ng/ul
RT: 12.548 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

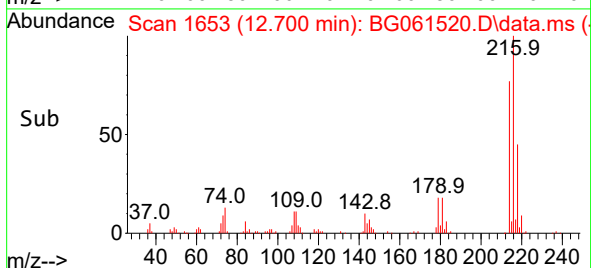
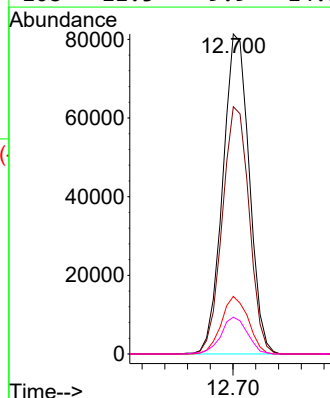
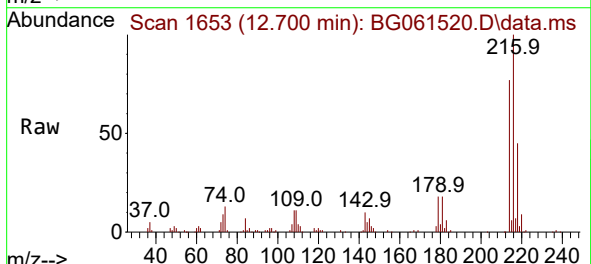
Instrument :
BNA_G
ClientSampleId :
E0005MS

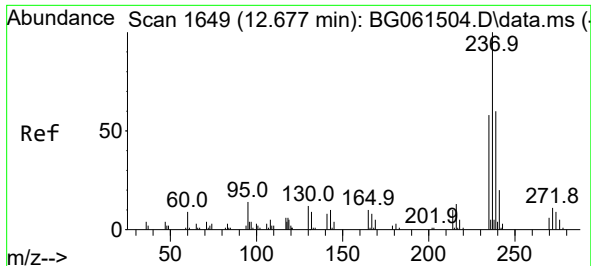
Tgt Ion:142 Resp: 161648
Ion Ratio Lower Upper
142 100
141 92.0 75.5 113.3
116 5.1 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 52.722 ng/ul
RT: 12.700 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:216 Resp: 131491
Ion Ratio Lower Upper
216 100
214 77.3 64.5 96.7
179 18.0 16.0 24.0
108 11.5 9.9 14.9

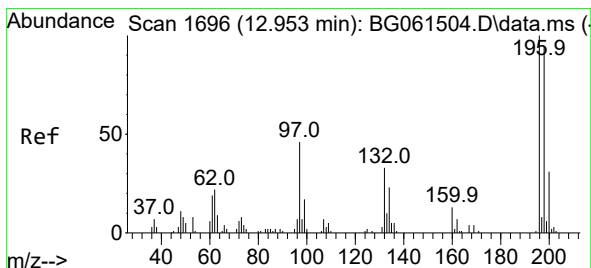
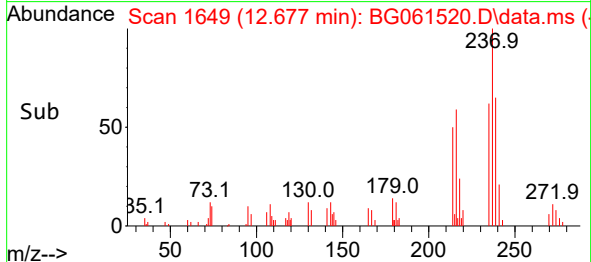
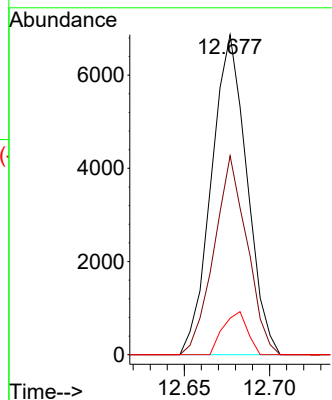
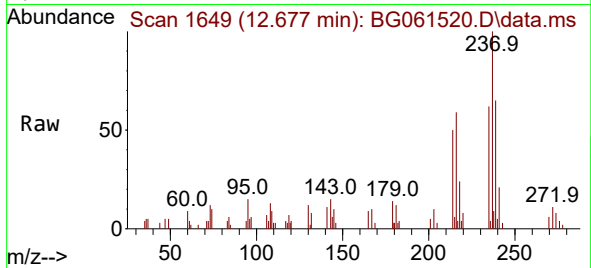




#40
Hexachlorocyclopentadiene
Concen: 8.804 ng/ul
RT: 12.677 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

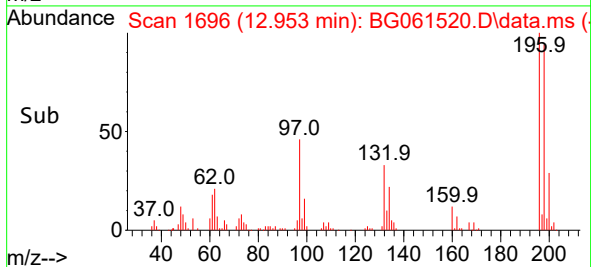
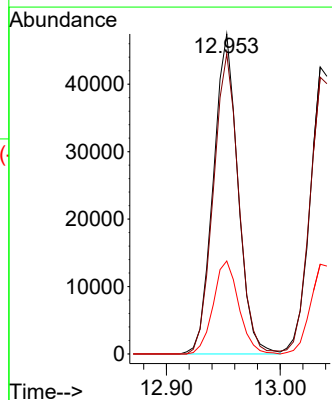
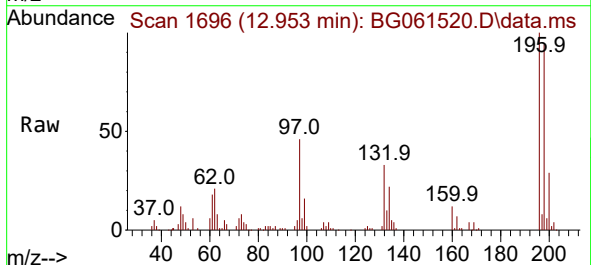
Instrument :
BNA_G
ClientSampleId :
E0005MS

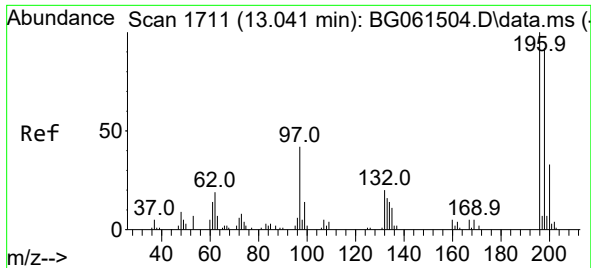
Tgt Ion:237 Resp: 9911
Ion Ratio Lower Upper
237 100
235 60.7 45.4 68.2
272 10.5 11.4 17.0#



#41
2,4,6-Trichlorophenol
Concen: 50.982 ng/ul
RT: 12.953 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:196 Resp: 71620
Ion Ratio Lower Upper
196 100
198 93.8 78.5 117.7
200 29.0 26.1 39.1

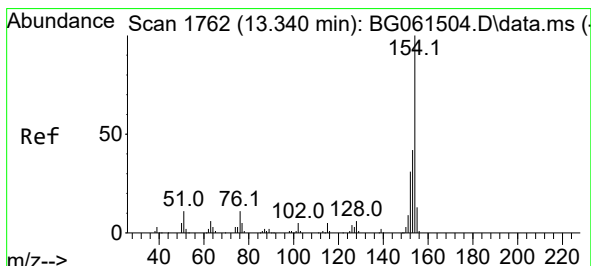
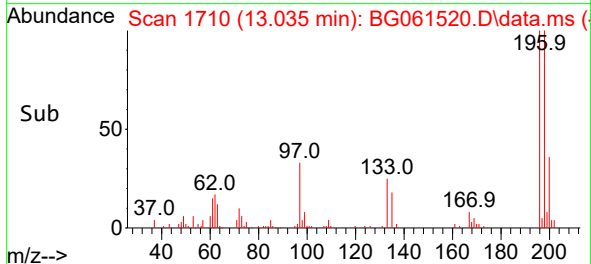
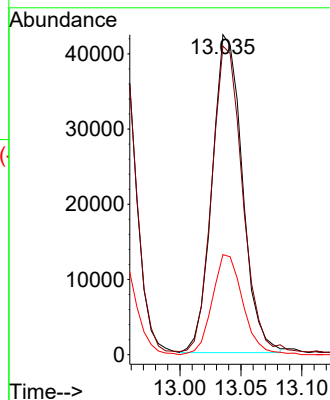
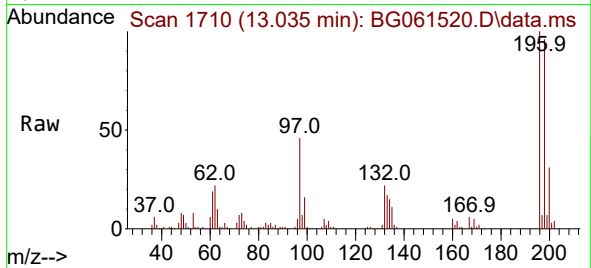




#42
2,4,5-Trichlorophenol
Concen: 49.204 ng/ul
RT: 13.035 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

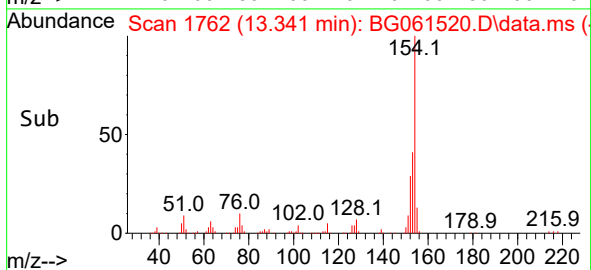
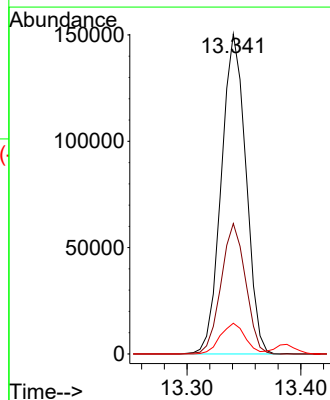
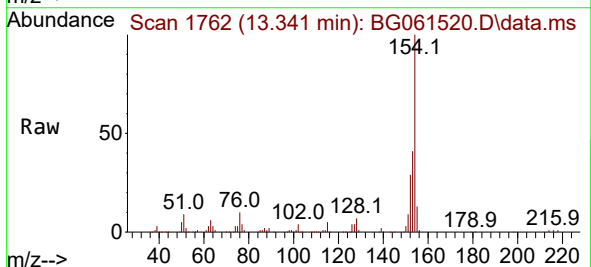
Instrument :
BNA_G
ClientSampleId :
E0005MS

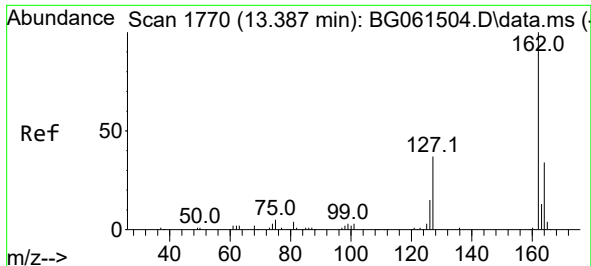
Tgt Ion:196 Resp: 72791
Ion Ratio Lower Upper
196 100
198 96.4 77.4 116.2
200 31.3 21.0 31.6



#43
1,1'-Biphenyl
Concen: 46.305 ng/ul
RT: 13.341 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:154 Resp: 226182
Ion Ratio Lower Upper
154 100
153 40.8 31.2 46.8
76 9.6 8.5 12.7

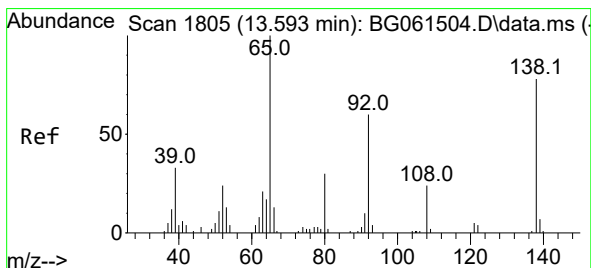
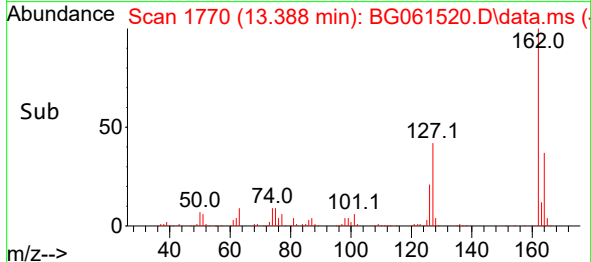
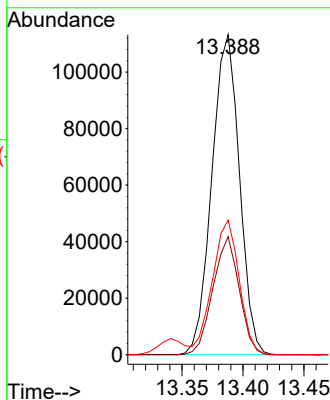
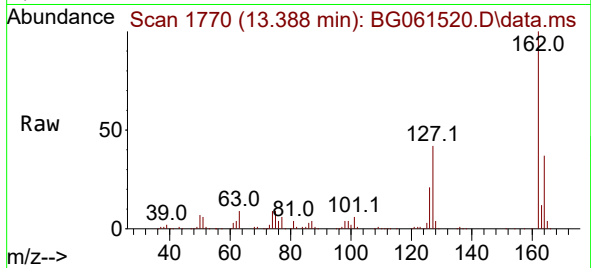




#44
2-Chloronaphthalene
Concen: 46.346 ng/ul
RT: 13.388 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

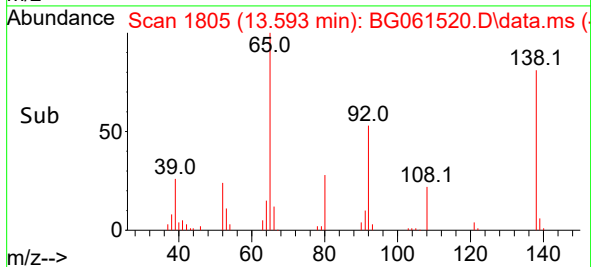
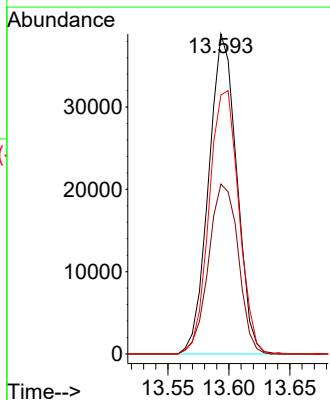
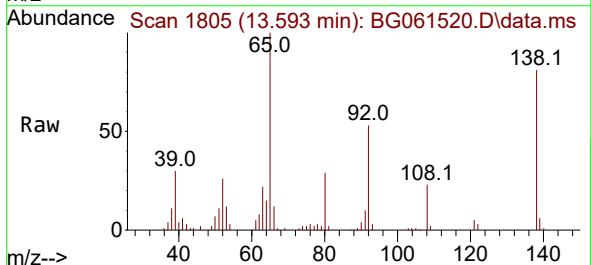
Instrument :
BNA_G
ClientSampleId :
E0005MS

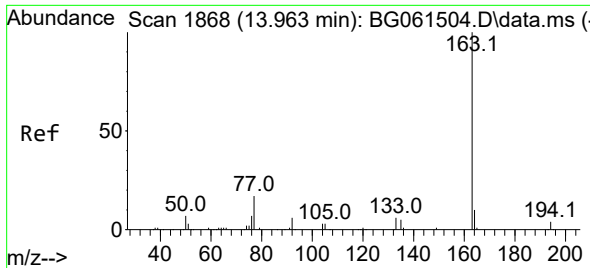
Tgt Ion:162 Resp: 178159
Ion Ratio Lower Upper
162 100
164 36.9 26.8 40.2
127 42.1 31.9 47.9



#45
2-Nitroaniline
Concen: 39.289 ng/ul
RT: 13.593 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion: 65 Resp: 62334
Ion Ratio Lower Upper
65 100
92 53.1 46.2 69.4
138 80.9 65.0 97.6

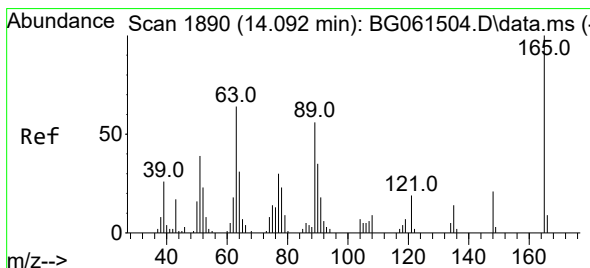
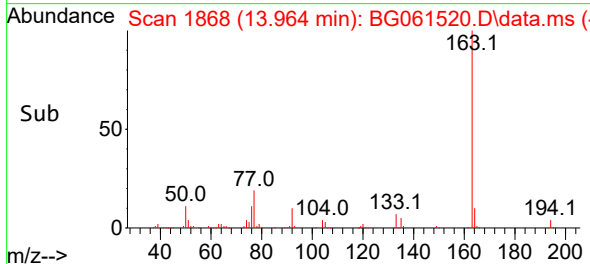
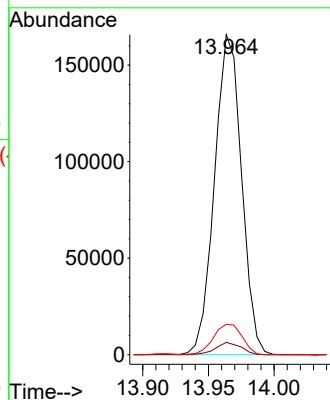
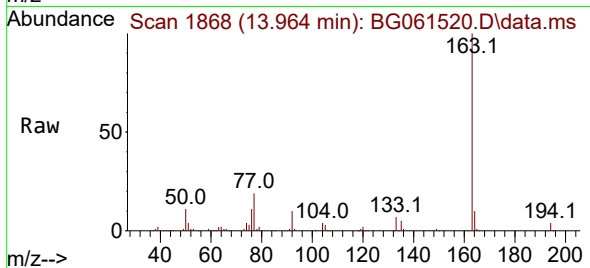




#47
 Dimethylphthalate
 Concen: 38.826 ng/ul
 RT: 13.964 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: BG061520.D
 Acq: 6 Jun 2024 21:50

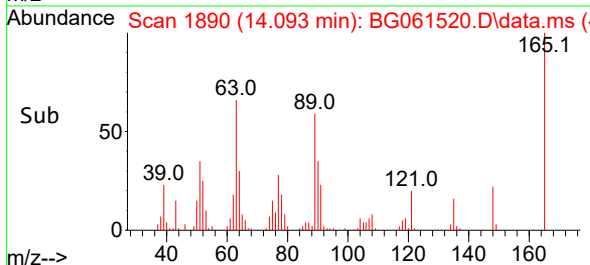
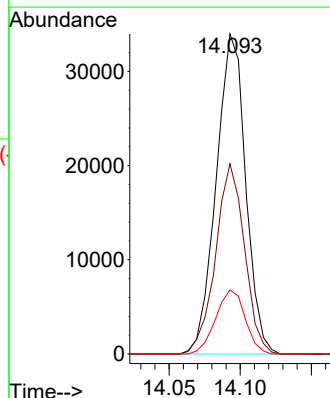
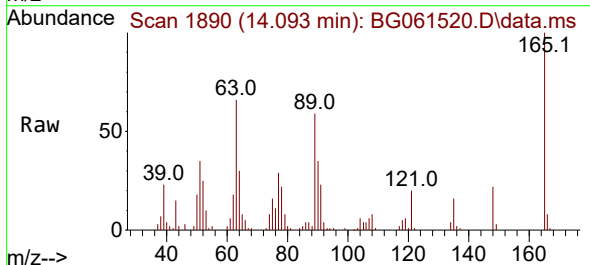
Instrument :
 BNA_G
 ClientSampleId :
 E0005MS

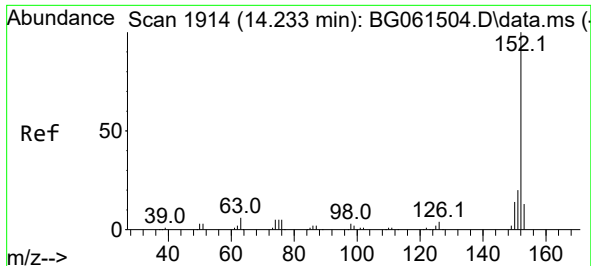
Tgt Ion:163 Resp: 237092
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.1 4.7
 164 9.5 8.1 12.1



#48
 2,6-Dinitrotoluene
 Concen: 40.884 ng/ul
 RT: 14.093 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: BG061520.D
 Acq: 6 Jun 2024 21:50

Tgt Ion:165 Resp: 48958
 Ion Ratio Lower Upper
 165 100
 89 59.5 46.0 69.0
 121 20.1 17.9 26.9

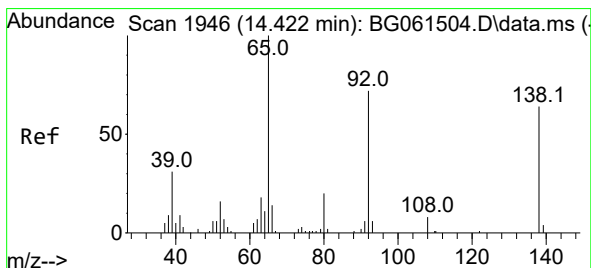
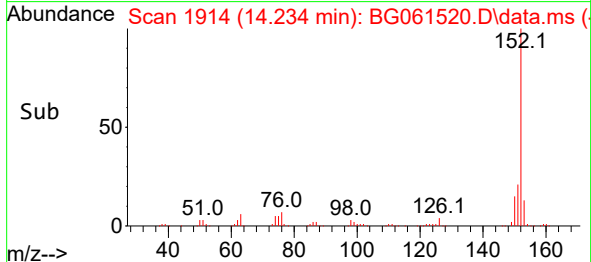
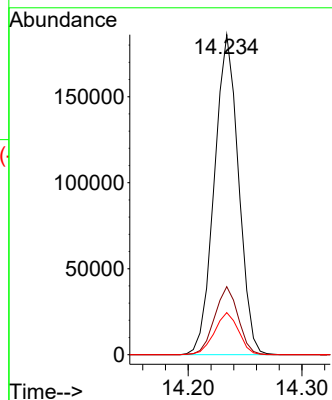
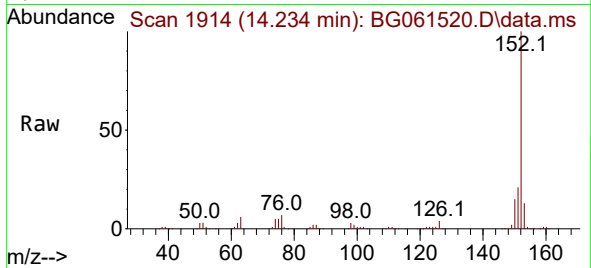




#50
Acenaphthylene
Concen: 40.668 ng/ul
RT: 14.234 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

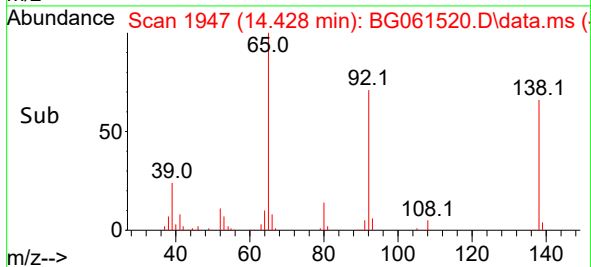
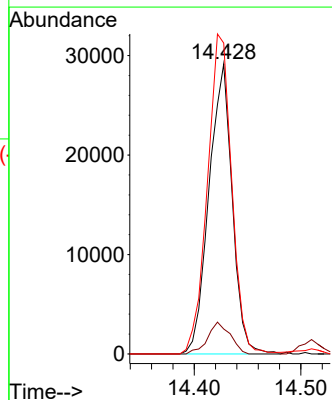
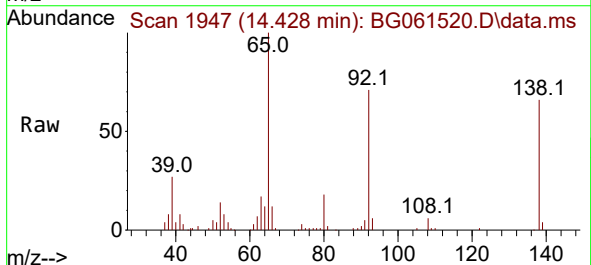
Instrument :
BNA_G
ClientSampleId :
E0005MS

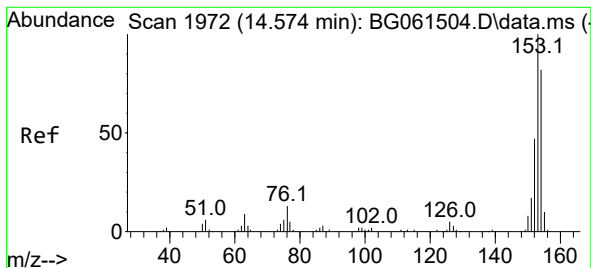
Tgt Ion:152 Resp: 274684
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.2
153 13.1 10.2 15.4



#51
3-Nitroaniline
Concen: 42.515 ng/ul
RT: 14.428 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:138 Resp: 44183
Ion Ratio Lower Upper
138 100
108 8.6 10.1 15.1#
92 107.2 97.6 146.4

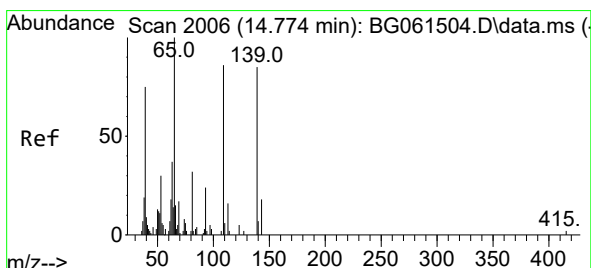
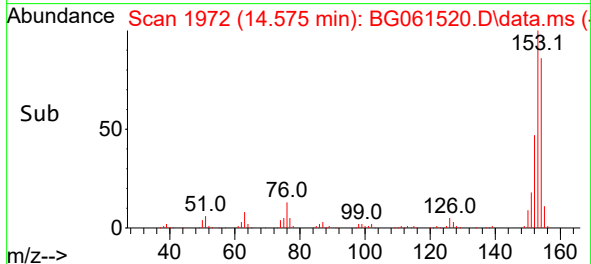
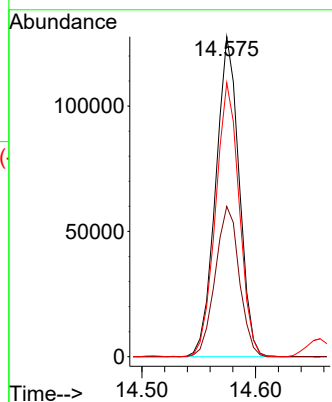
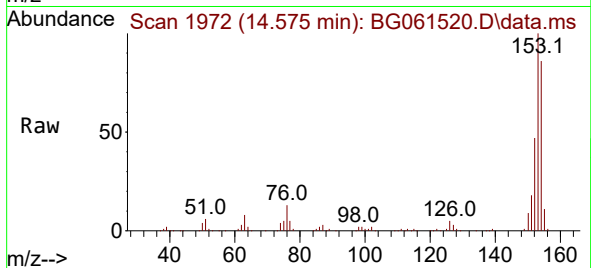




#52
Acenaphthene
Concen: 41.293 ng/ul
RT: 14.575 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

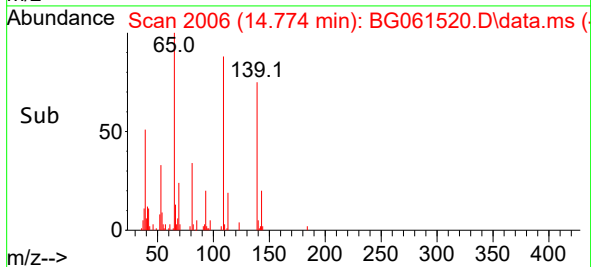
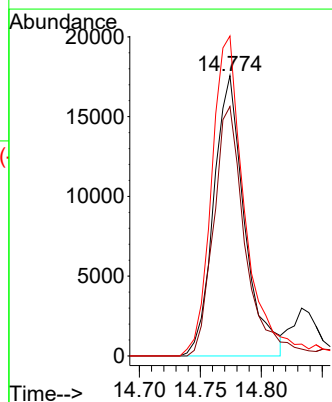
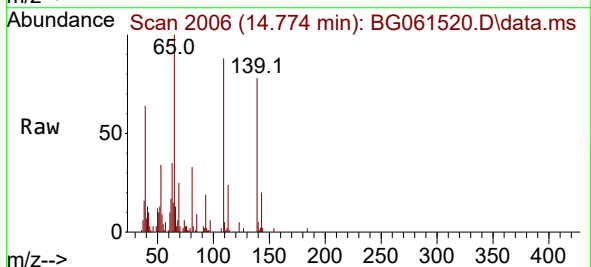
Instrument :
BNA_G
ClientSampleId :
E0005MS

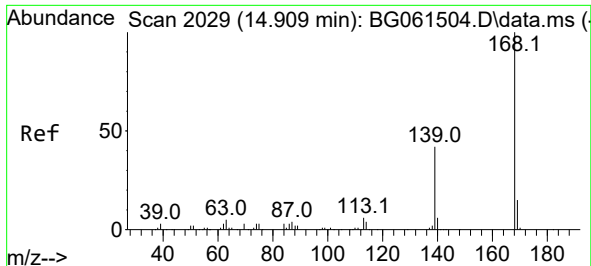
Tgt Ion:153 Resp: 182959
Ion Ratio Lower Upper
153 100
152 46.9 37.8 56.8
154 85.6 69.0 103.6



#55
4-Nitrophenol
Concen: 36.330 ng/ul
RT: 14.774 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:109 Resp: 30939
Ion Ratio Lower Upper
109 100
139 89.0 74.9 112.3
65 114.2 104.0 156.0

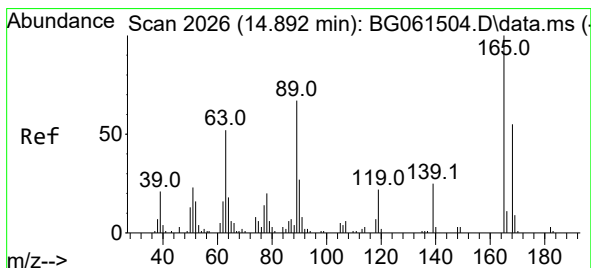
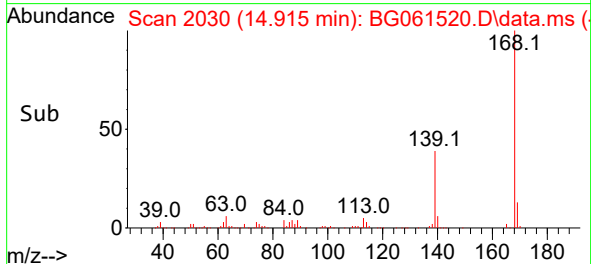
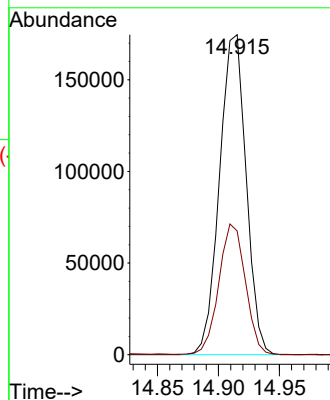
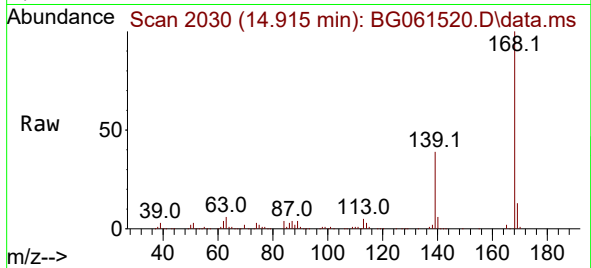




#56
Dibenzofuran
Concen: 41.887 ng/ul
RT: 14.915 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

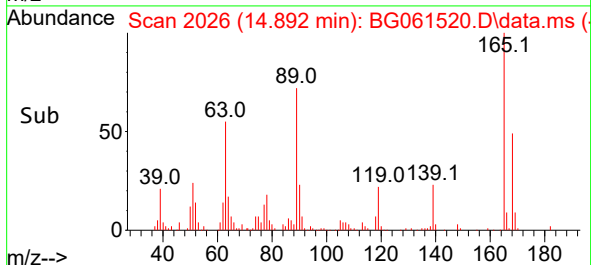
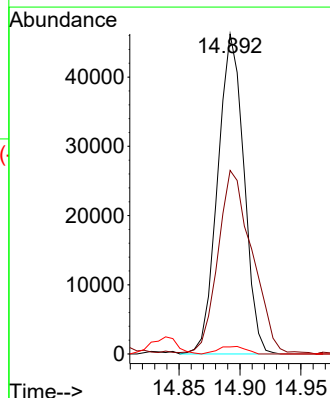
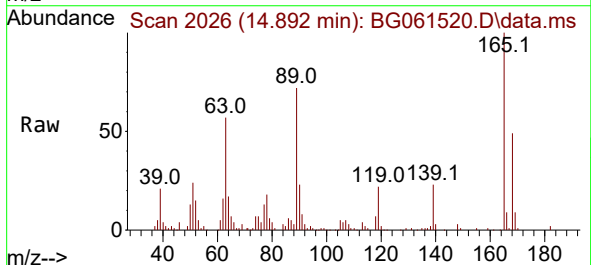
Instrument :
BNA_G
ClientSampleId :
E0005MS

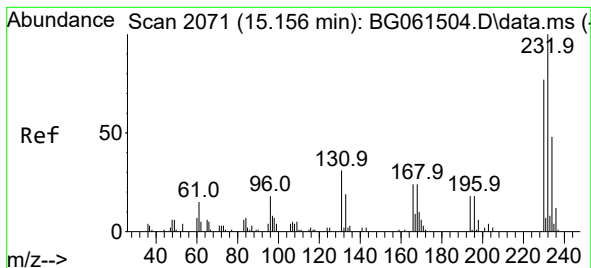
Tgt Ion:168 Resp: 265356
Ion Ratio Lower Upper
168 100
139 38.7 33.4 50.2



#57
2,4-Dinitrotoluene
Concen: 38.019 ng/ul
RT: 14.892 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:165 Resp: 69267
Ion Ratio Lower Upper
165 100
63 57.4 43.4 65.2
182 2.2 2.0 3.0

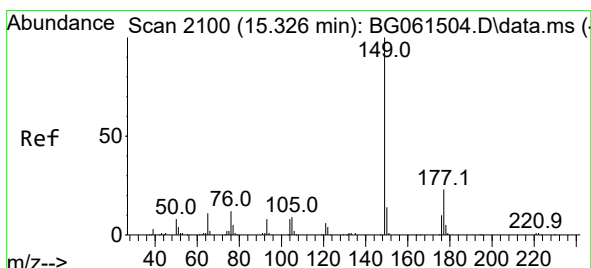
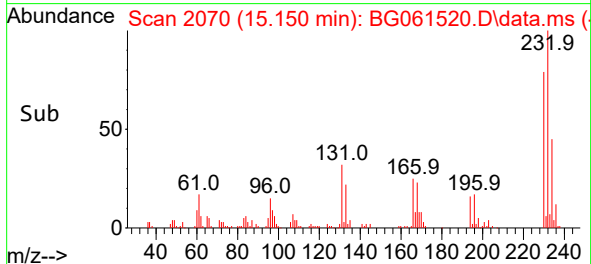
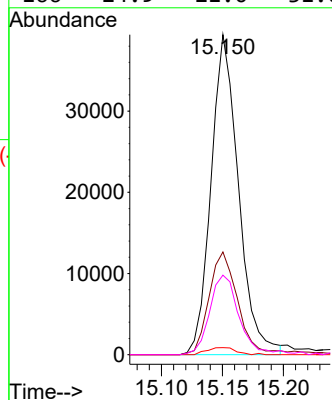
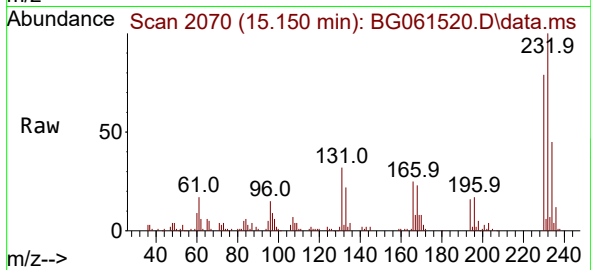




#58
2,3,4,6-Tetrachlorophenol
Concen: 45.761 ng/ul
RT: 15.150 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

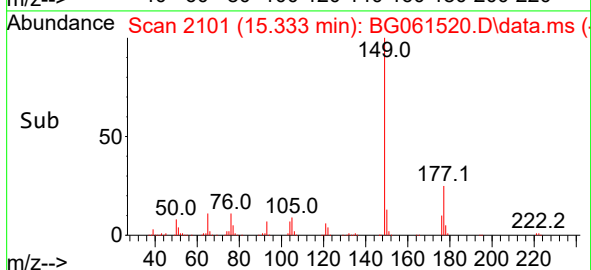
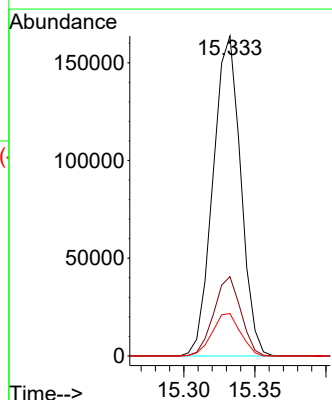
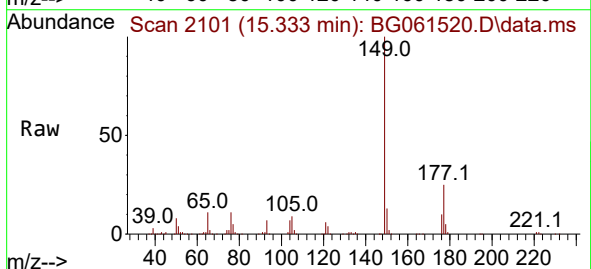
Instrument :
BNA_G
ClientSampleId :
E0005MS

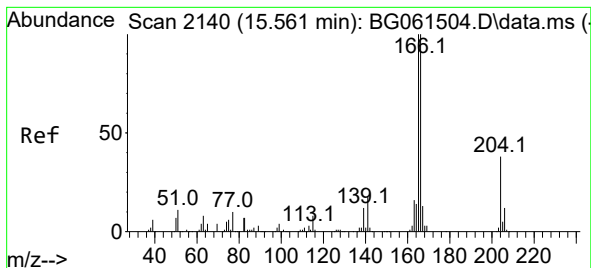
Tgt Ion:232 Resp: 61744
Ion Ratio Lower Upper
232 100
131 32.1 30.2 45.2
130 2.2 1.8 2.6
166 24.9 21.0 31.6



#59
Diethylphthalate
Concen: 36.762 ng/ul
RT: 15.333 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:149 Resp: 221677
Ion Ratio Lower Upper
149 100
177 24.8 19.1 28.7
150 13.3 11.0 16.4





#61

Fluorene

Concen: 40.244 ng/ul

RT: 15.562 min Scan# 2140

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

Instrument :

BNA_G

ClientSampleId :

E0005MS

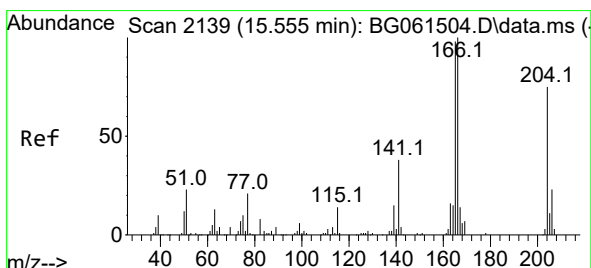
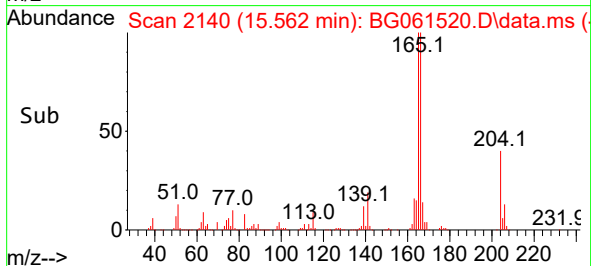
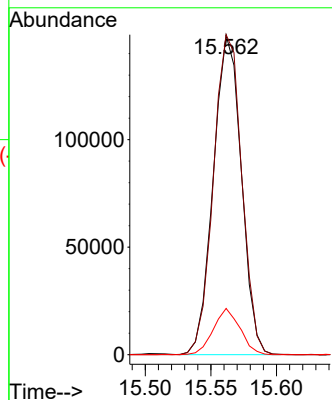
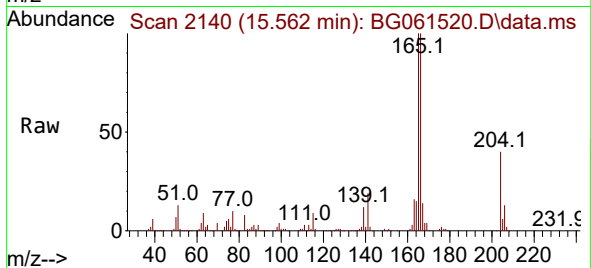
Tgt Ion:166 Resp: 220589

Ion Ratio Lower Upper

166 100

165 100.1 81.8 122.8

167 14.5 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 40.854 ng/ul

RT: 15.556 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

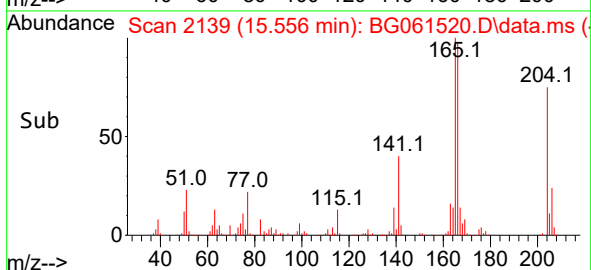
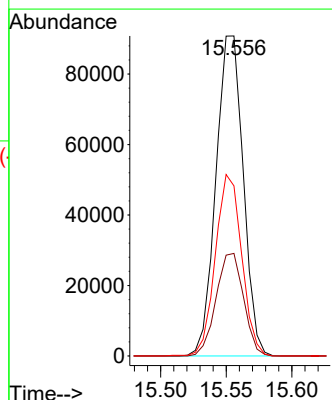
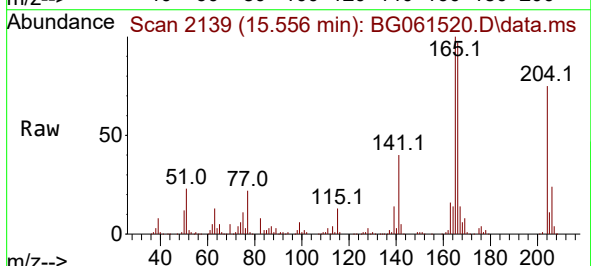
Tgt Ion:204 Resp: 131331

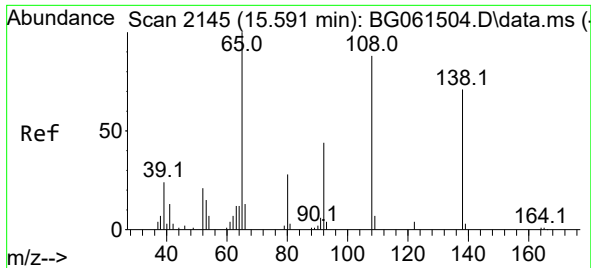
Ion Ratio Lower Upper

204 100

206 32.1 26.3 39.5

141 53.2 43.0 64.6

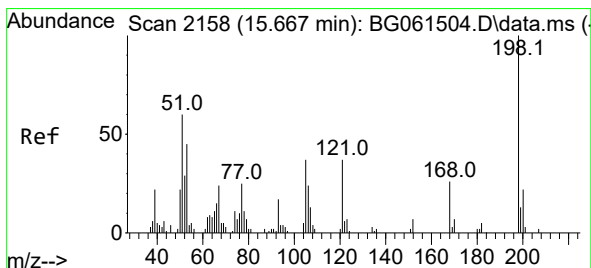
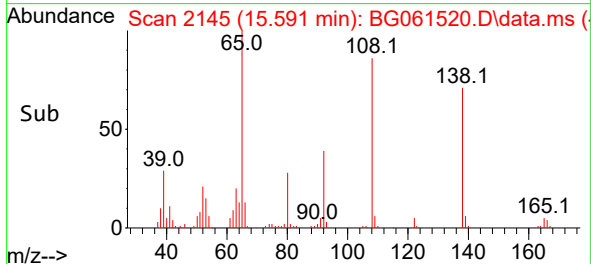
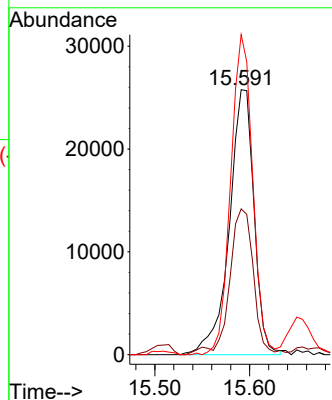
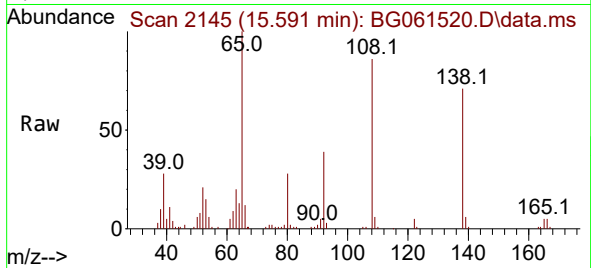




#63
4-Nitroaniline
Concen: 43.265 ng/ul
RT: 15.591 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

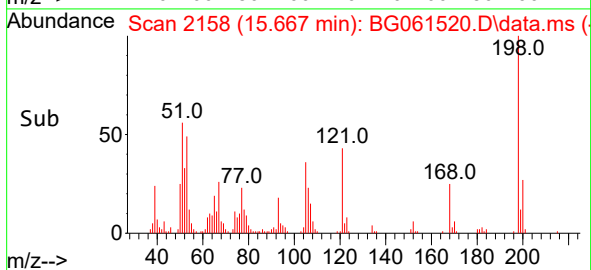
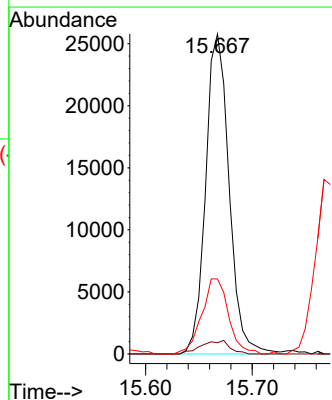
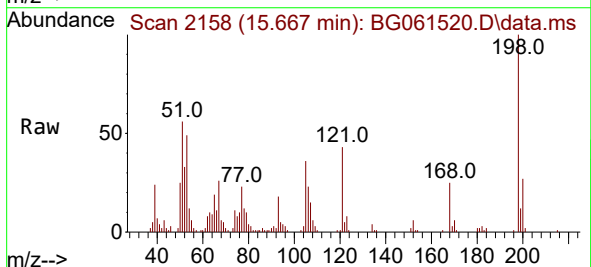
Instrument :
BNA_G
ClientSampleId :
E0005MS

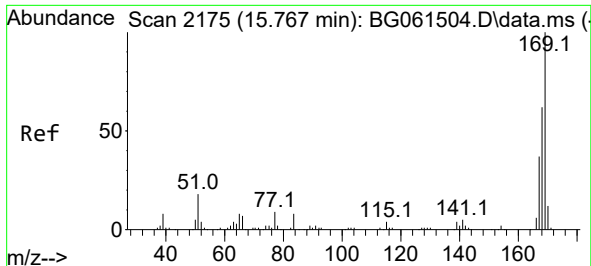
Tgt Ion:138 Resp: 46830
Ion Ratio Lower Upper
138 100
92 55.0 48.6 73.0
108 120.8 95.5 143.3



#66
4,6-Dinitro-2-methylphenol
Concen: 35.740 ng/ul
RT: 15.667 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:198 Resp: 39332
Ion Ratio Lower Upper
198 100
182 3.5 2.9 4.3
77 23.4 22.3 33.5

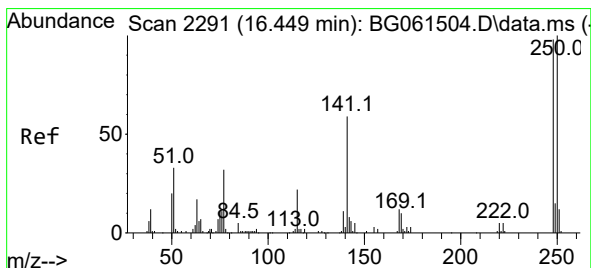
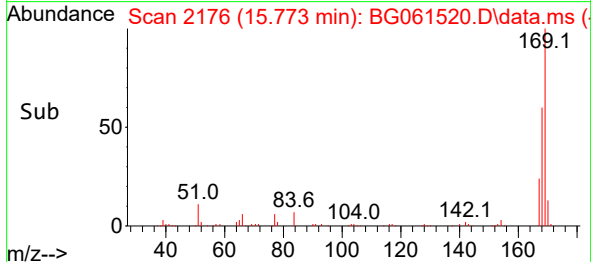
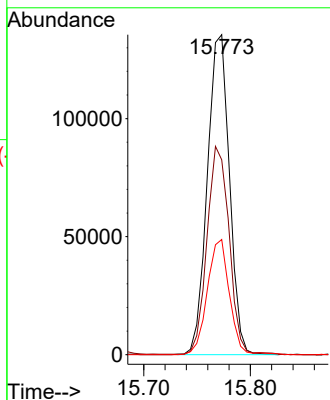
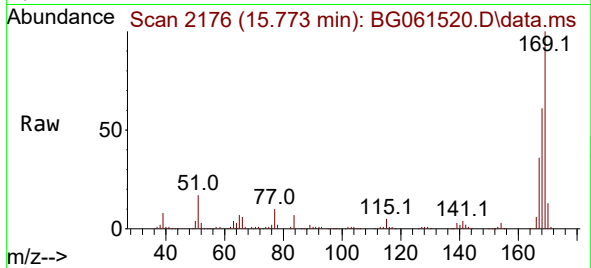




#67
N-Nitrosodiphenylamine
Concen: 44.687 ng/ul
RT: 15.773 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

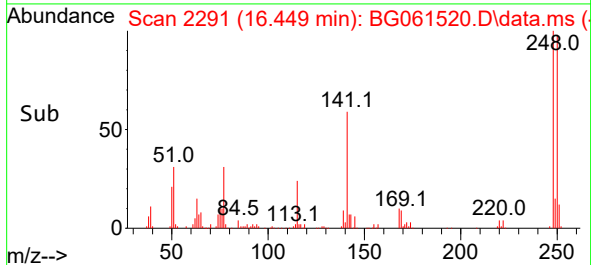
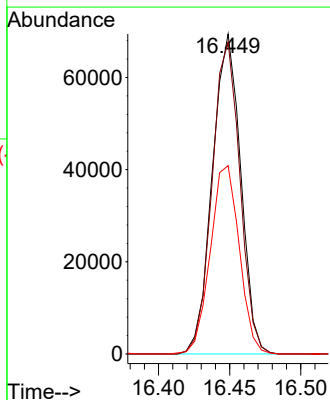
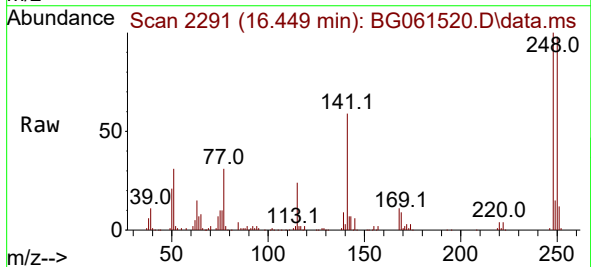
Instrument :
BNA_G
ClientSampleId :
E0005MS

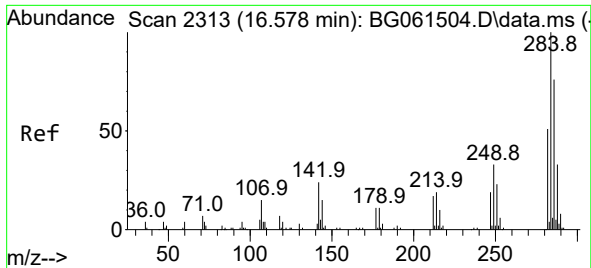
Tgt Ion:169 Resp: 195008
Ion Ratio Lower Upper
169 100
168 60.9 51.9 77.9
167 36.0 29.4 44.2



#68
4-Bromophenyl-phenylether
Concen: 46.701 ng/ul
RT: 16.449 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:248 Resp: 96073
Ion Ratio Lower Upper
248 100
250 97.5 79.4 119.2
141 58.9 50.2 75.4

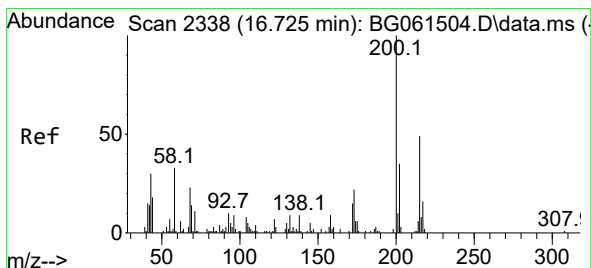
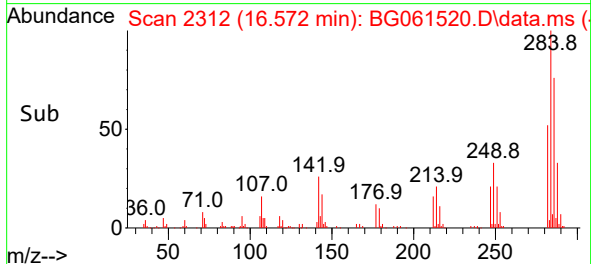
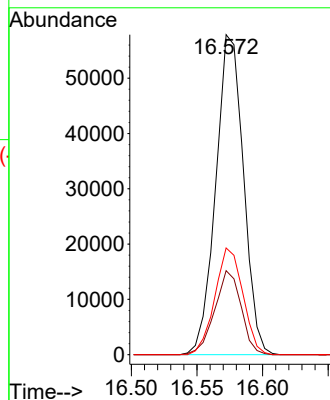
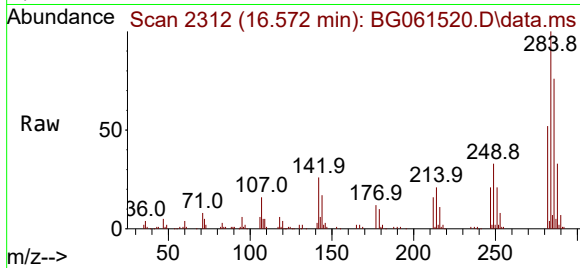




#69
Hexachlorobenzene
Concen: 37.166 ng/ul
RT: 16.572 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

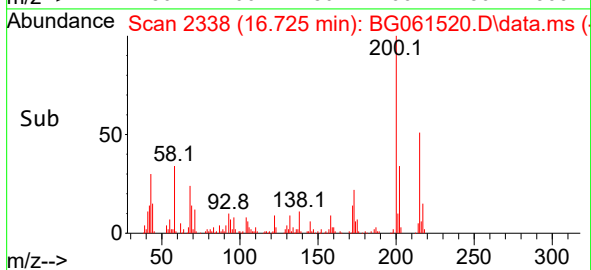
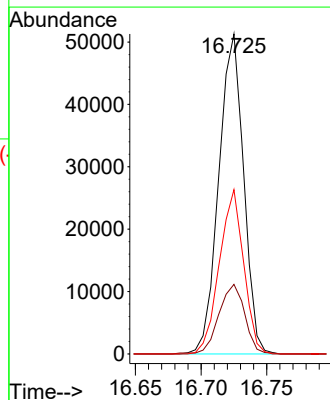
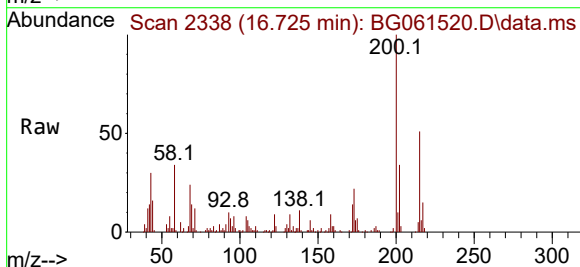
Instrument :
BNA_G
ClientSampleId :
E0005MS

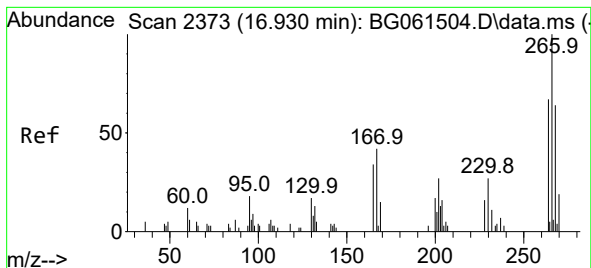
Tgt Ion:284 Resp: 84984
Ion Ratio Lower Upper
284 100
142 26.2 21.2 31.8
249 33.3 28.7 43.1



#70
Atrazine
Concen: 39.001 ng/ul
RT: 16.725 min Scan# 2338
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:200 Resp: 67355
Ion Ratio Lower Upper
200 100
173 21.7 15.9 23.9
215 51.4 37.3 55.9





#71

Pentachlorophenol

Concen: 37.058 ng/ul

RT: 16.931 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

Instrument :

BNA_G

ClientSampleId :

E0005MS

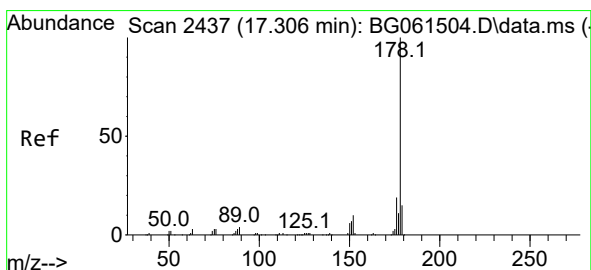
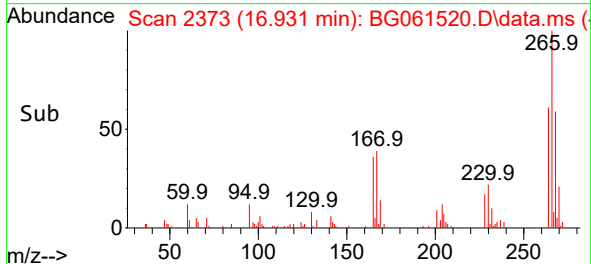
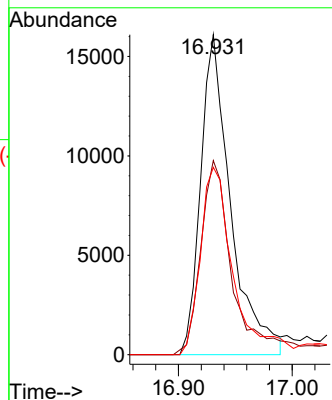
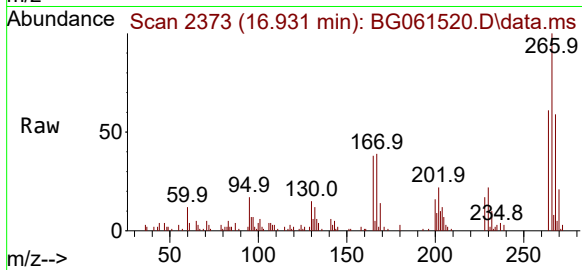
Tgt Ion:266 Resp: 29493

Ion Ratio Lower Upper

266 100

264 60.6 41.9 62.9

268 58.5 52.6 79.0



#72

Phenanthrene

Concen: 45.339 ng/ul

RT: 17.307 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

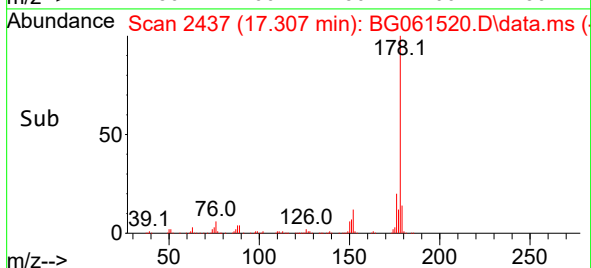
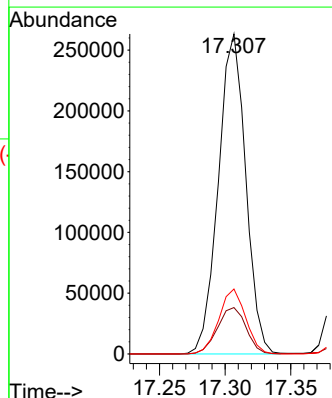
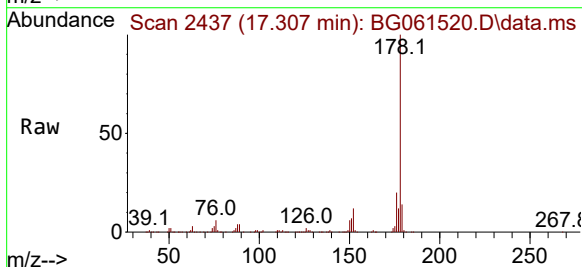
Tgt Ion:178 Resp: 382069

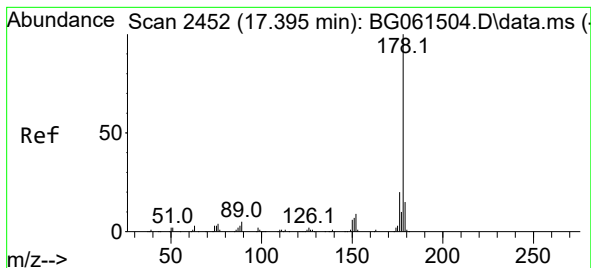
Ion Ratio Lower Upper

178 100

179 14.5 12.7 19.1

176 20.3 15.5 23.3





#74

Anthracene

Concen: 41.768 ng/uI

RT: 17.395 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

Instrument :

BNA_G

ClientSampleId :

E0005MS

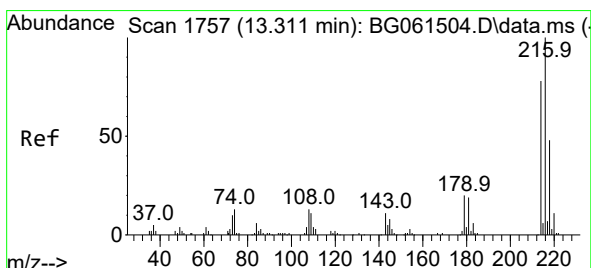
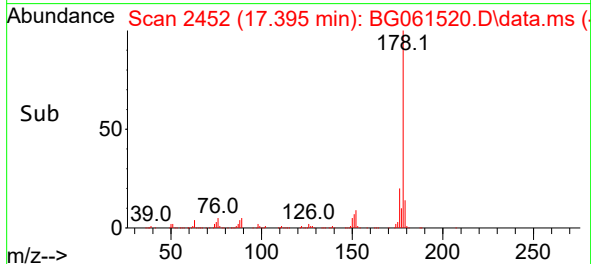
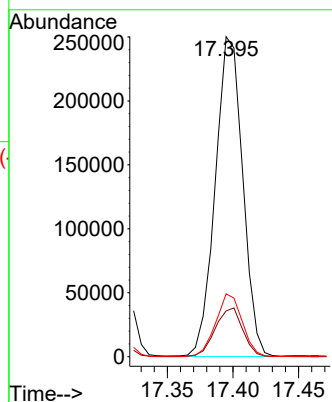
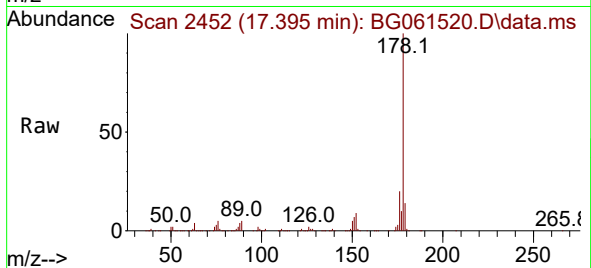
Tgt Ion:178 Resp: 363928

Ion Ratio Lower Upper

178 100

179 14.3 11.8 17.6

176 19.6 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 53.064 ng/uI

RT: 13.311 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

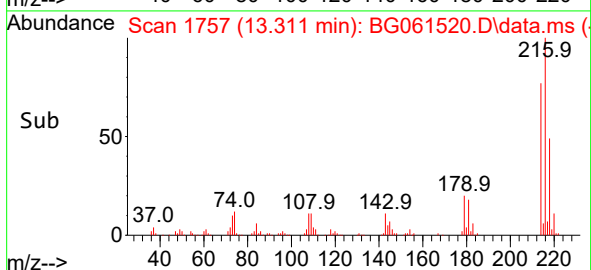
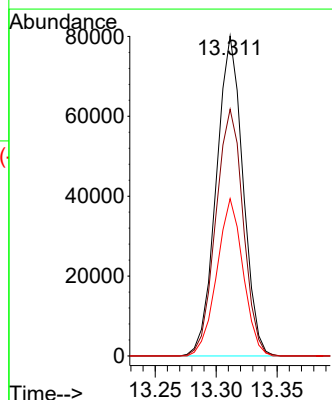
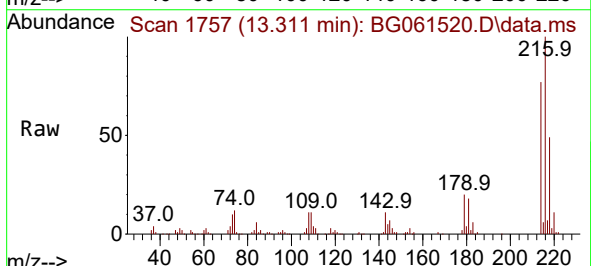
Tgt Ion:216 Resp: 121783

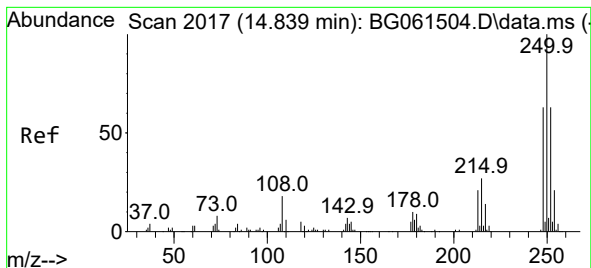
Ion Ratio Lower Upper

216 100

214 77.1 60.0 90.0

218 49.2 38.5 57.7





#76

Pentachlorobenzene

Concen: 47.345 ng/uL

RT: 14.839 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

Instrument :

BNA_G

ClientSampleId :

E0005MS

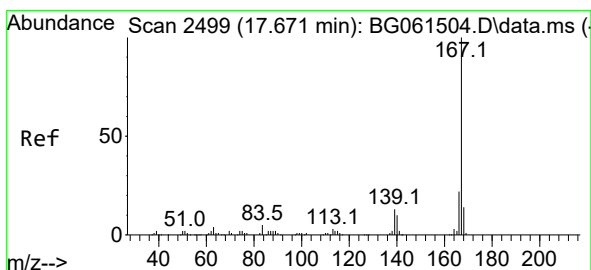
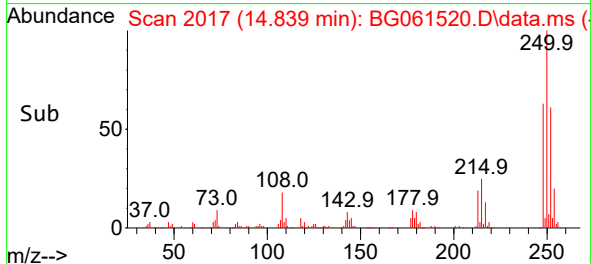
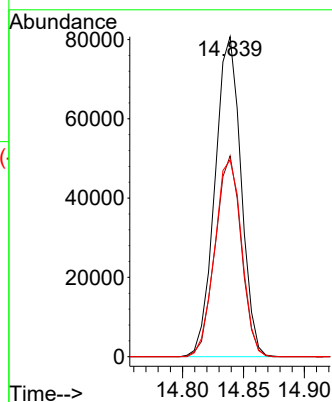
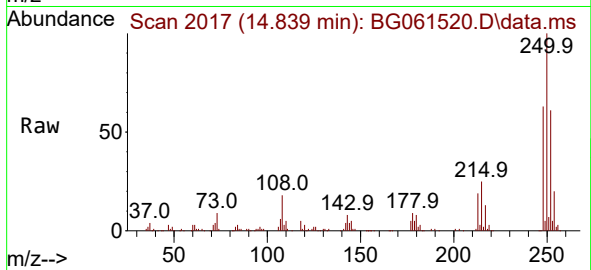
Tgt Ion:250 Resp: 120135

Ion Ratio Lower Upper

250 100

248 62.8 52.6 79.0

252 61.5 54.7 82.1



#77

Carbazole

Concen: 39.239 ng/uL

RT: 17.671 min Scan# 2499

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

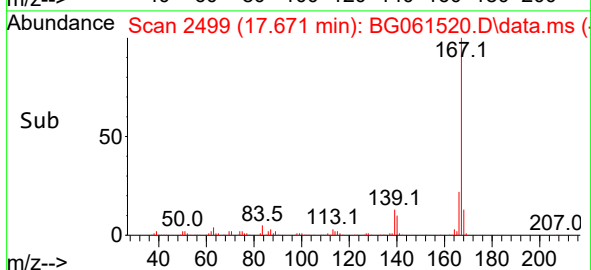
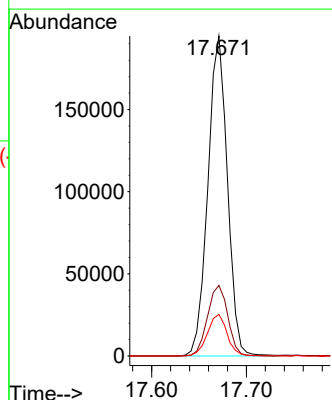
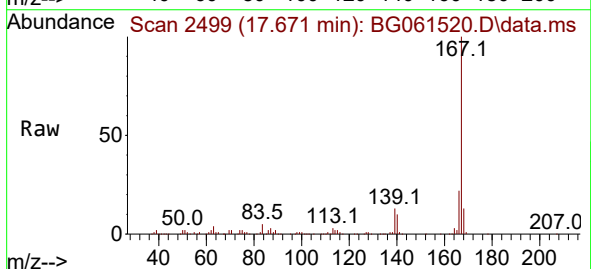
Tgt Ion:167 Resp: 278086

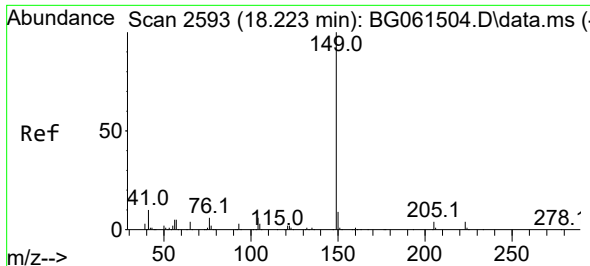
Ion Ratio Lower Upper

167 100

166 22.0 18.6 28.0

139 13.0 10.6 15.8

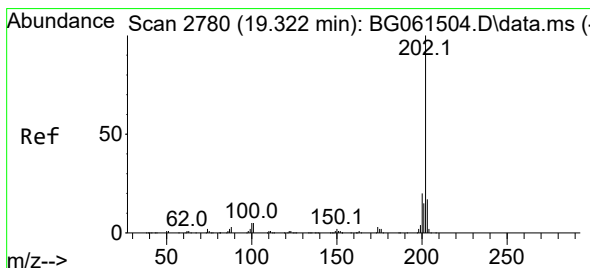
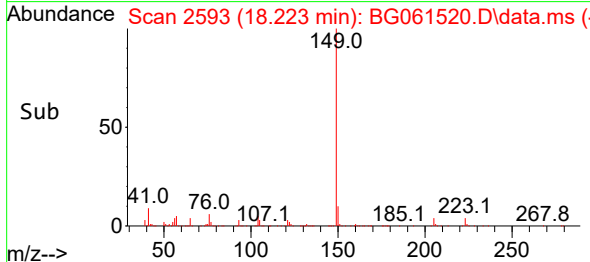
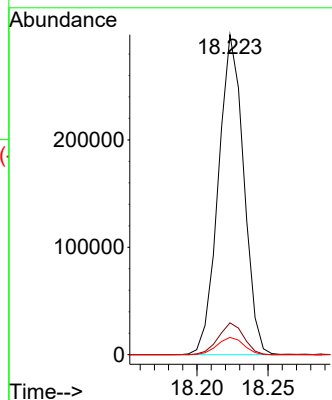
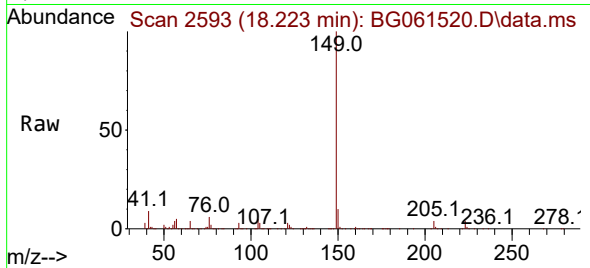




#78
Di-n-butylphthalate
Concen: 41.678 ng/ul
RT: 18.223 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

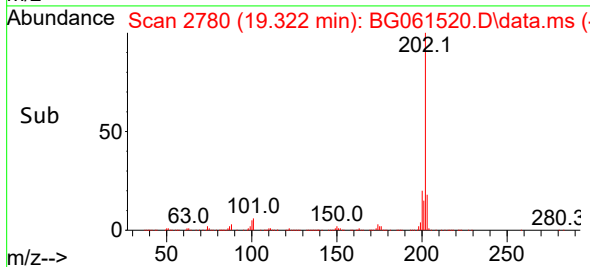
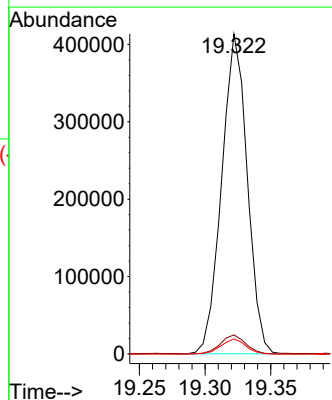
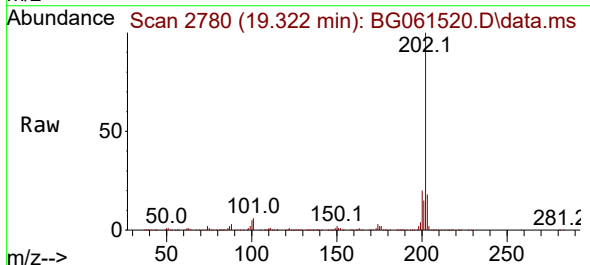
Instrument :
BNA_G
ClientSampleId :
E0005MS

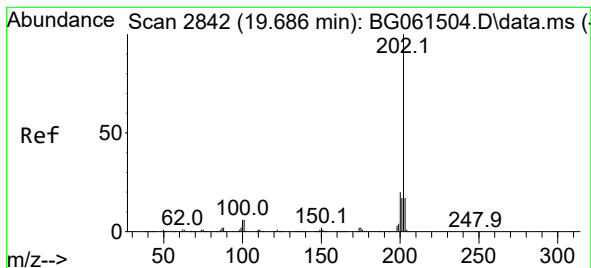
Tgt Ion:149 Resp: 370102
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.8
104 5.4 4.8 7.2



#80
Fluoranthene
Concen: 48.468 ng/ul
RT: 19.322 min Scan# 2780
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:202 Resp: 560100
Ion Ratio Lower Upper
202 100
101 5.9 4.8 7.2
100 4.7 4.1 6.1





#82

Pyrene

Concen: 39.066 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

Instrument :

BNA_G

ClientSampleId :

E0005MS

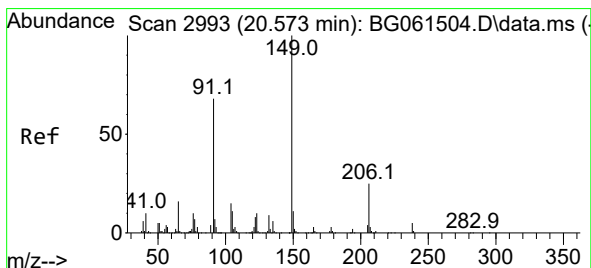
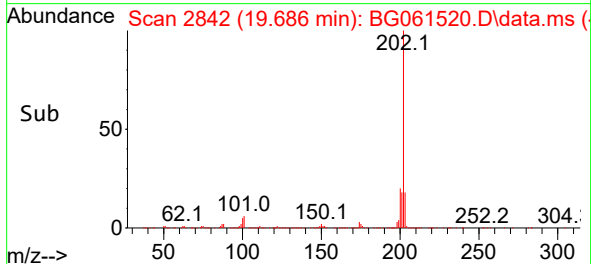
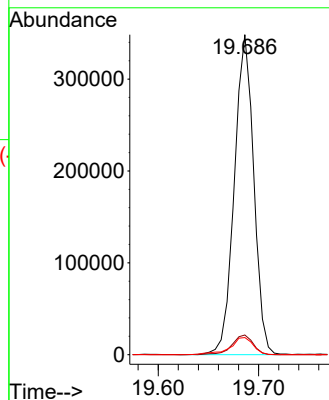
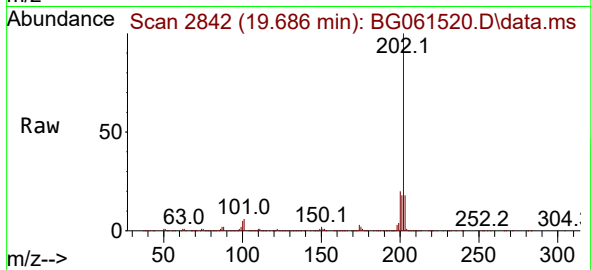
Tgt Ion:202 Resp: 468609

Ion Ratio Lower Upper

202 100

101 6.1 5.7 8.5

100 5.3 5.1 7.7



#83

Butylbenzylphthalate

Concen: 40.712 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

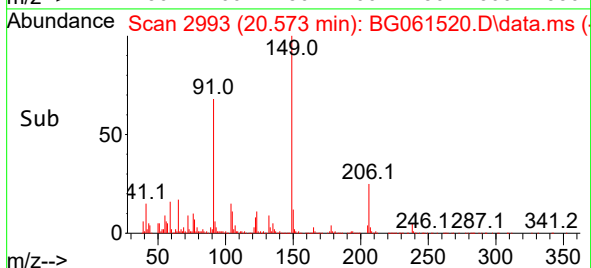
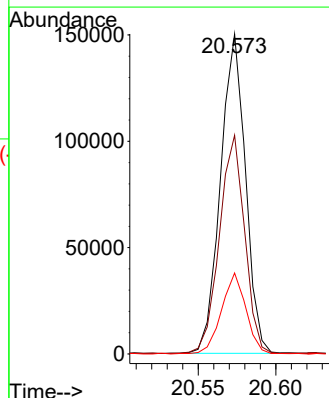
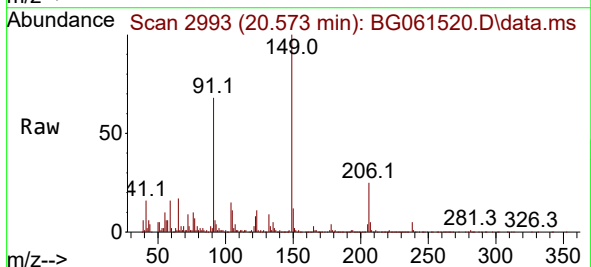
Tgt Ion:149 Resp: 167761

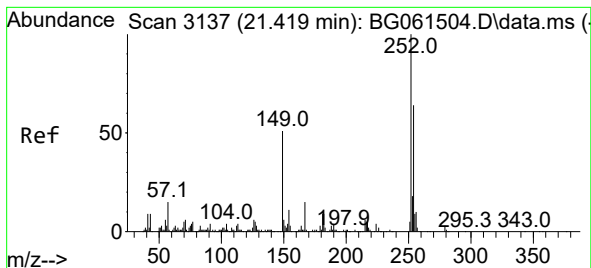
Ion Ratio Lower Upper

149 100

91 68.4 54.8 82.2

206 25.3 19.4 29.0





#84

3,3'-Dichlorobenzidine

Concen: 32.369 ng/ul

RT: 21.414 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

Instrument :

BNA_G

ClientSampleId :

E0005MS

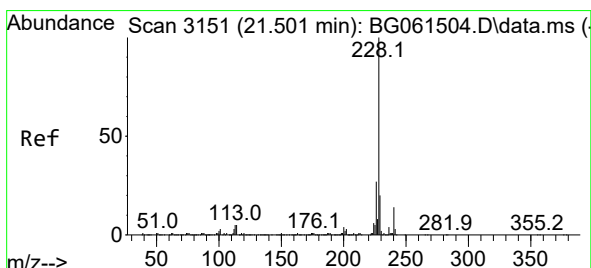
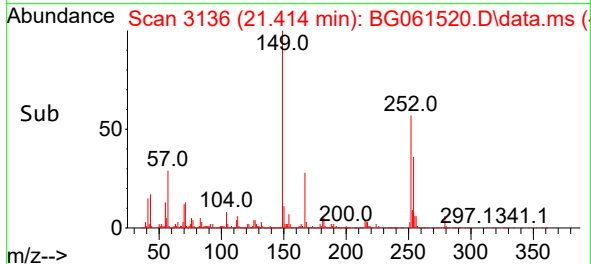
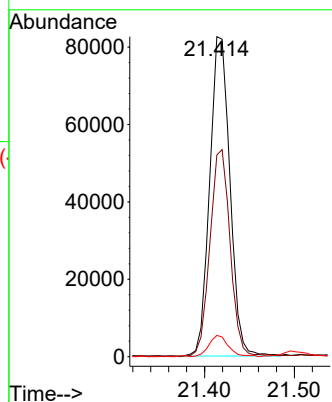
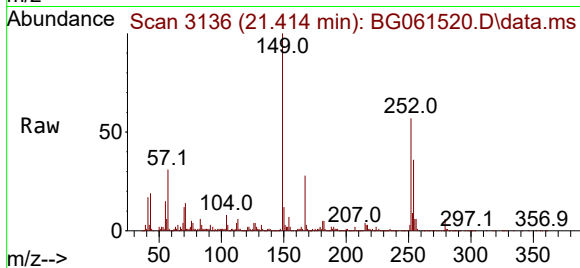
Tgt Ion:252 Resp: 128904

Ion Ratio Lower Upper

252 100

254 63.1 52.7 79.1

126 6.7 5.0 7.6



#85

Benzo(a)anthracene

Concen: 45.823 ng/ul

RT: 21.502 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

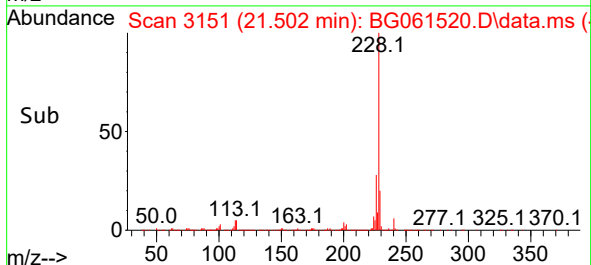
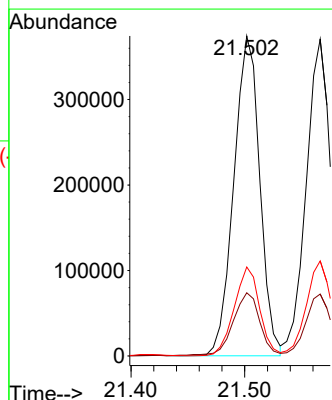
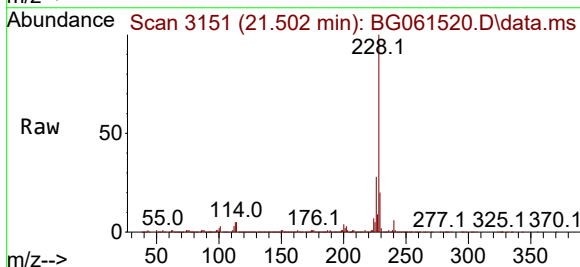
Tgt Ion:228 Resp: 593192

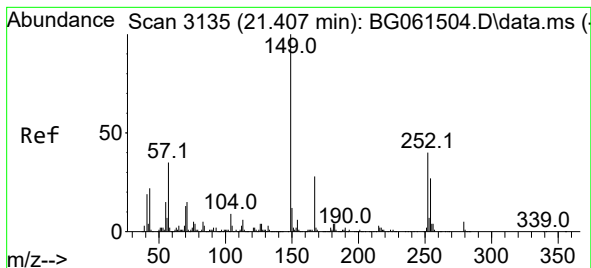
Ion Ratio Lower Upper

228 100

229 19.7 15.2 22.8

226 27.8 21.4 32.2

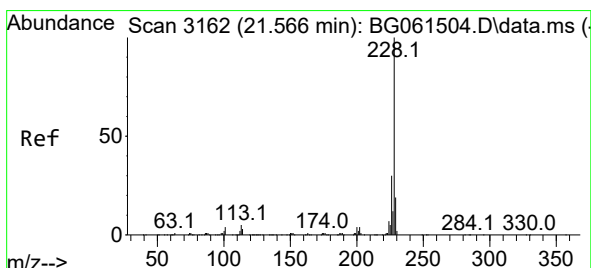
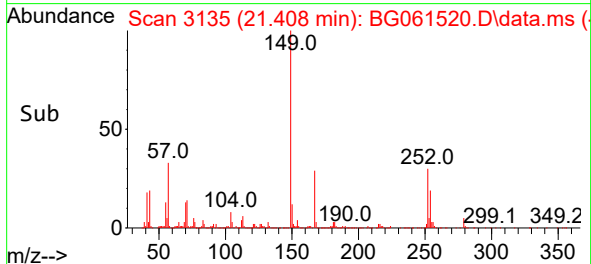
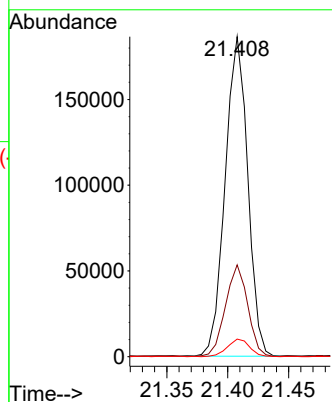
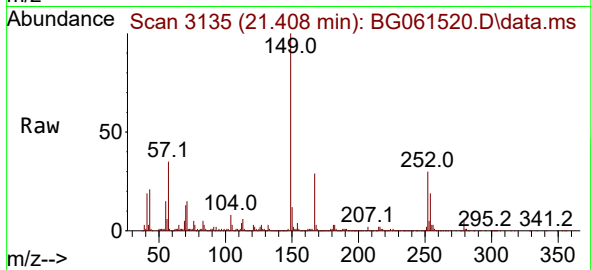




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 39.433 ng/ul
 RT: 21.408 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: BG061520.D
 Acq: 6 Jun 2024 21:50

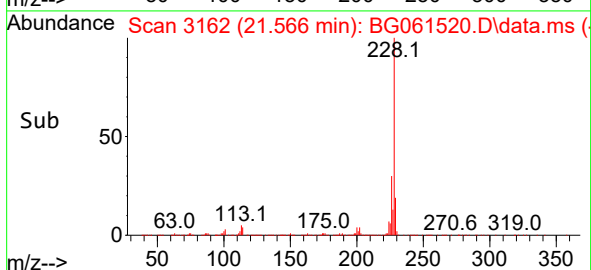
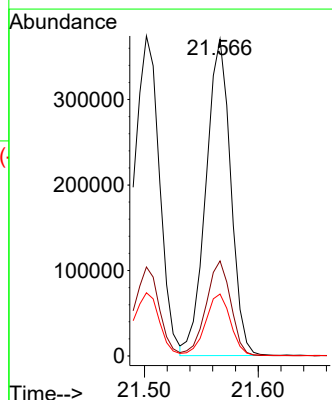
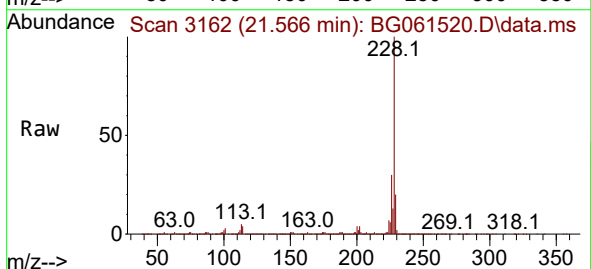
Instrument :
 BNA_G
 ClientSampleId :
 E0005MS

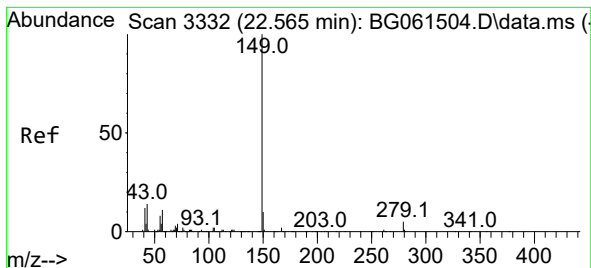
Tgt Ion:149 Resp: 240523
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.1 31.7
 279 5.5 3.3 4.9#



#87
 Chrysene
 Concen: 47.030 ng/ul
 RT: 21.566 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BG061520.D
 Acq: 6 Jun 2024 21:50

Tgt Ion:228 Resp: 560593
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.4 35.0
 229 19.5 15.4 23.2





#89

Di-n-octyl phthalate

Concen: 40.392 ng/ul

RT: 22.565 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

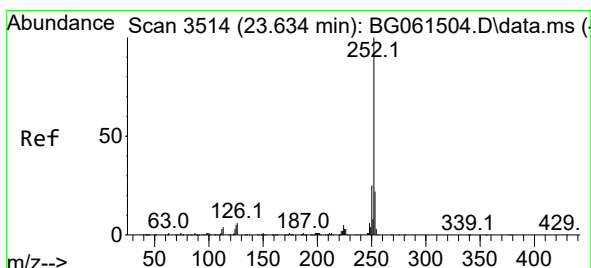
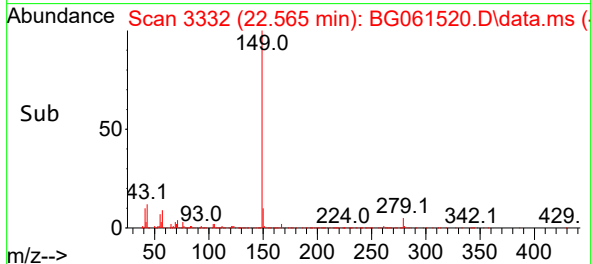
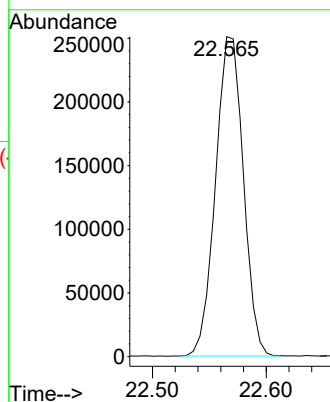
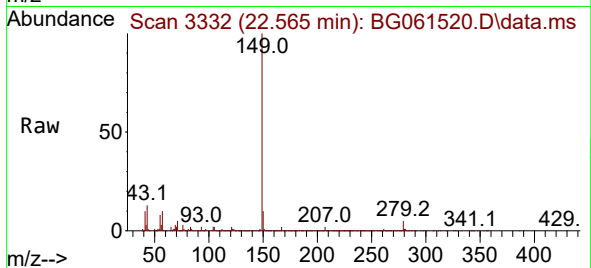
Instrument :

BNA_G

ClientSampleId :

E0005MS

Tgt Ion:149 Resp: 426008



#90

Benzo(b)fluoranthene

Concen: 49.005 ng/ul

RT: 23.640 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

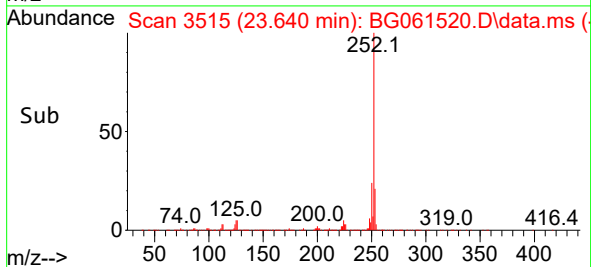
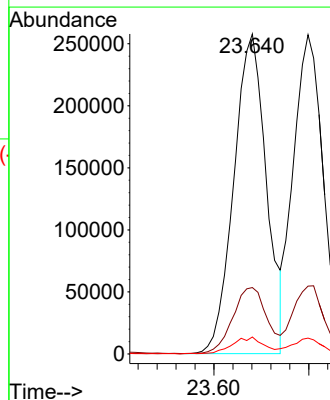
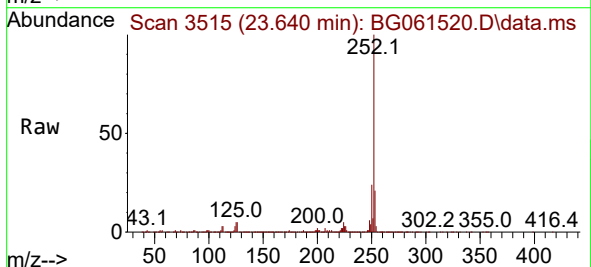
Tgt Ion:252 Resp: 615092

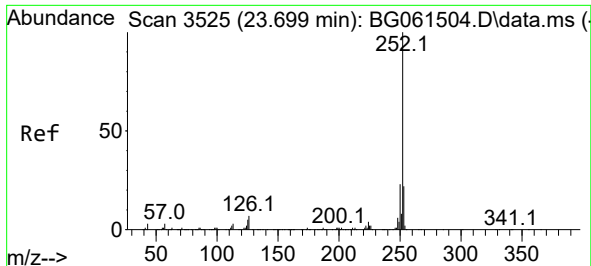
Ion Ratio Lower Upper

252 100

253 20.8 17.8 26.8

125 5.3 4.6 6.8

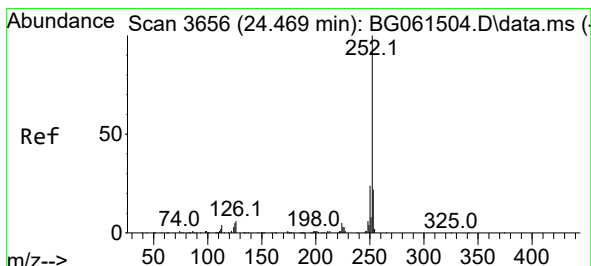
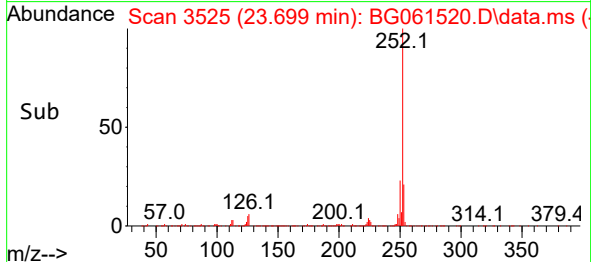
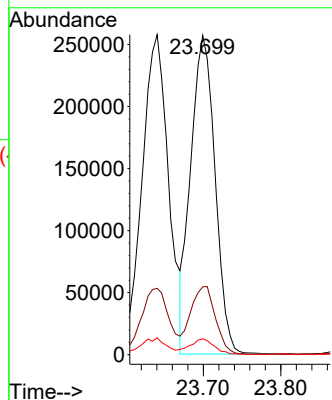
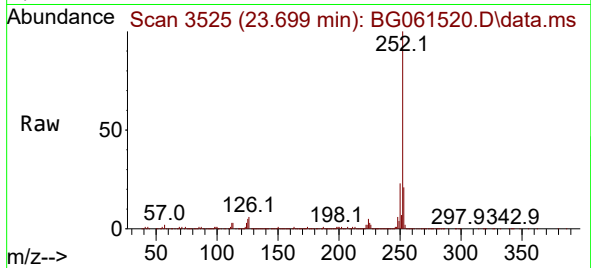




#91
Benzo(k)fluoranthene
Concen: 43.914 ng/ul
RT: 23.699 min Scan# 3525
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

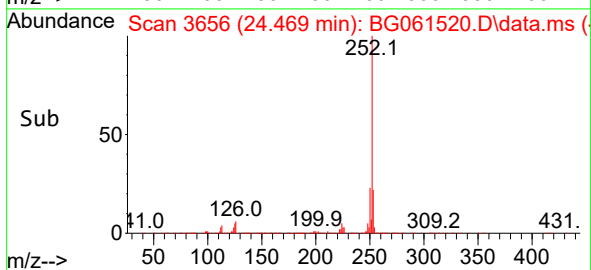
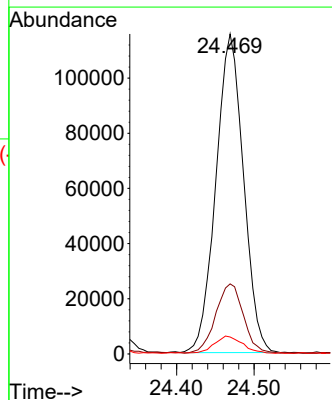
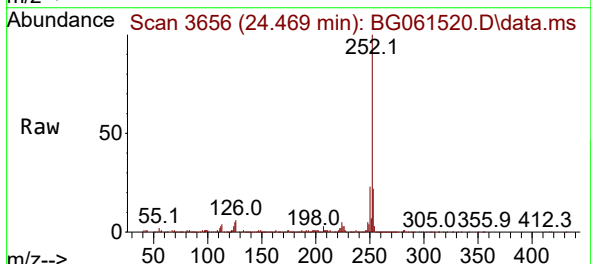
Instrument :
BNA_G
ClientSampleId :
E0005MS

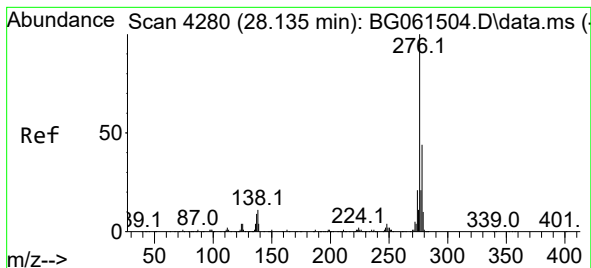
Tgt Ion:252 Resp: 559558
Ion Ratio Lower Upper
252 100
253 21.3 16.0 24.0
125 4.9 4.3 6.5



#93
Benzo(a)pyrene
Concen: 23.932 ng/ul
RT: 24.469 min Scan# 3656
Delta R.T. 0.000 min
Lab File: BG061520.D
Acq: 6 Jun 2024 21:50

Tgt Ion:252 Resp: 285232
Ion Ratio Lower Upper
252 100
253 21.9 16.4 24.6
125 5.3 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.209 ng/ul

RT: 28.135 min Scan# 4280

Delta R.T. 0.000 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

Instrument :

BNA_G

ClientSampleId :

E0005MS

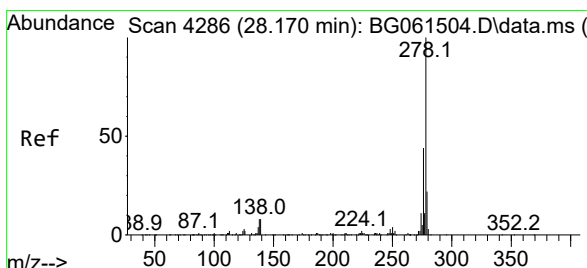
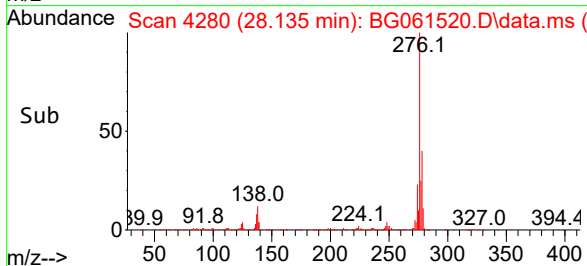
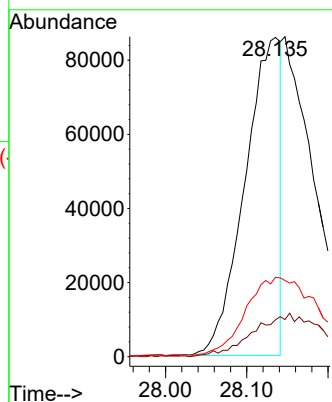
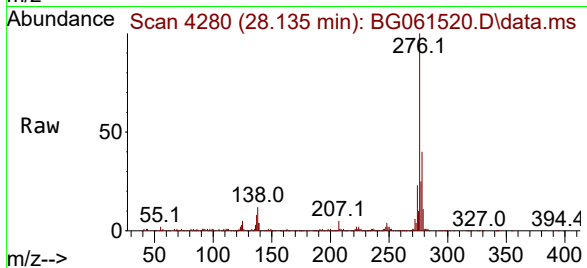
Tgt Ion:276 Resp: 262457

Ion Ratio Lower Upper

276 100

138 11.5 8.6 13.0

277 24.8 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 42.592 ng/ul

RT: 28.176 min Scan# 4287

Delta R.T. 0.006 min

Lab File: BG061520.D

Acq: 6 Jun 2024 21:50

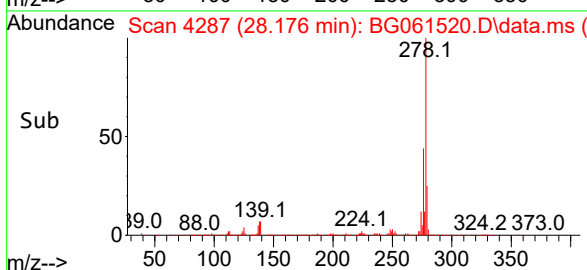
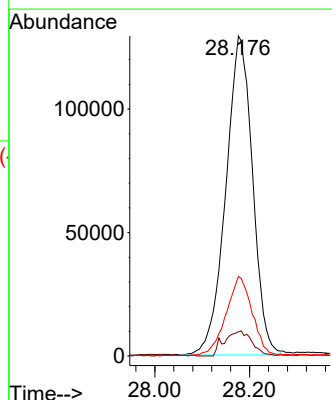
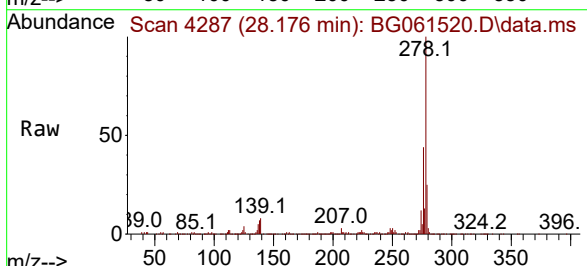
Tgt Ion:278 Resp: 506182

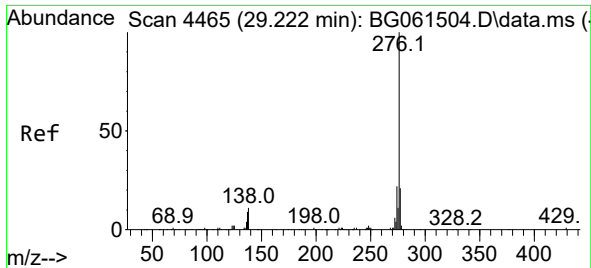
Ion Ratio Lower Upper

278 100

139 7.5 6.4 9.6

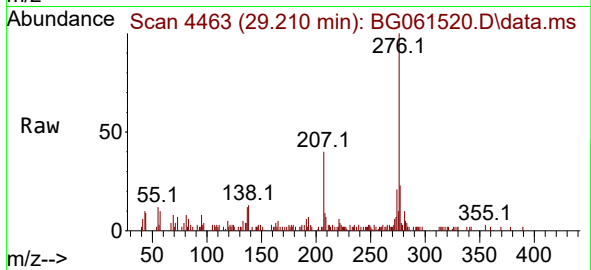
279 24.8 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 4.055 ng/ul
 RT: 29.210 min Scan# 4463
 Delta R.T. -0.011 min
 Lab File: BG061520.D
 Acq: 6 Jun 2024 21:50

Instrument :
 BNA_G
 ClientSampleId :
 E0005MS



Tgt Ion:	276	Resp:	46492
Ion	Ratio	Lower	Upper
276	100		
138	12.7	8.7	13.1
277	23.1	18.2	27.2

