

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
 Data File : BG061144.D
 Acq On : 8 May 2024 16:30
 Operator : MA/JU
 Sample : P2408-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BIN-1MS

Quant Time: May 08 17:17:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	29427	20.000	ng	-0.03
21) Naphthalene-d8	10.731	136	114687	20.000	ng	#-0.03
39) Acenaphthene-d10	14.568	164	82207	20.000	ng	-0.02
64) Phenanthrene-d10	17.318	188	183746	20.000	ng	-0.01
76) Chrysene-d12	21.583	240	185715	20.000	ng	0.00
86) Perylene-d12	24.709	264	229207	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	148705	102.772	ng	-0.01
7) Phenol-d6	7.118	99	199269	93.095	ng	-0.01
23) Nitrobenzene-d5	9.092	82	144411	62.420	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	140189	85.316	ng	-0.01
45) 2-Fluorobiphenyl	13.187	172	351011	63.139	ng	-0.02
79) Terphenyl-d14	19.932	244	592787	53.086	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	16235	27.750	ng	94
3) Pyridine	3.834	79	47069	27.341	ng	97
4) n-Nitrosodimethylamine	3.746	42	55452	33.525	ng	99
6) Aniline	7.265	93	74819	35.259	ng	# 95
8) 2-Chlorophenol	7.506	128	77964	43.919	ng	98
9) Benzaldehyde	7.071	77	26666	20.597	ng	95
10) Phenol	7.142	94	93071	42.757	ng	97
11) bis(2-Chloroethyl)ether	7.359	93	71323	47.429	ng	99
12) 1,3-Dichlorobenzene	7.829	146	85794	40.997	ng	97
13) 1,4-Dichlorobenzene	7.976	146	86835	40.148	ng	97
14) 1,2-Dichlorobenzene	8.287	146	85365	40.909	ng	98
15) Benzyl Alcohol	8.176	79	79251	41.044	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	143006	43.826	ng	99
17) 2-Methylphenol	8.387	107	64157	41.358	ng	99
18) Hexachloroethane	9.016	117	33826	43.829	ng	85
19) n-Nitroso-di-n-propyla...	8.740	70	59292	37.014	ng	91
20) 3+4-Methylphenols	8.716	107	87468	39.082	ng	95
22) Acetophenone	8.757	105	127103	44.501	ng	# 98
24) Nitrobenzene	9.133	77	95081	42.010	ng	98
25) Isophorone	9.656	82	155068	36.260	ng	97
26) 2-Nitrophenol	9.844	139	46952	43.786	ng	99
27) 2,4-Dimethylphenol	9.915	122	58857	47.609	ng	94
28) bis(2-Chloroethoxy)met...	10.138	93	88606	42.216	ng	100
29) 2,4-Dichlorophenol	10.391	162	85831	44.311	ng	96
30) 1,2,4-Trichlorobenzene	10.596	180	103066	44.159	ng	97
31) Naphthalene	10.784	128	248635	41.714	ng	99
32) Benzoic acid	10.079	122	41949	29.353	ng	96
33) 4-Chloroaniline	10.890	127	79487	33.438	ng	99
34) Hexachlorobutadiene	11.066	225	86264	43.075	ng	95
35) Caprolactam	11.672	113	19396	27.805	ng	# 83
36) 4-Chloro-3-methylphenol	12.030	107	91678	39.250	ng	99
37) 2-Methylnaphthalene	12.394	142	182173	40.786	ng	98
38) 1-Methylnaphthalene	12.612	142	169409	37.675	ng	95
40) 1,2,4,5-Tetrachloroben...	12.764	216	144012	52.492	ng	99
41) Hexachlorocyclopentadiene	12.741	237	75390	71.783	ng	99
43) 2,4,6-Trichlorophenol	13.005	196	83553	47.437	ng	96

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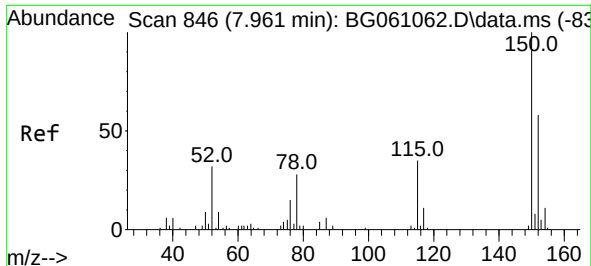
Quant Time: May 08 17:17:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	87836	44.063	ng	94
46) 1,1'-Biphenyl	13.399	154	251049	47.628	ng	96
47) 2-Chloronaphthalene	13.446	162	192768	45.672	ng	96
48) 2-Nitroaniline	13.646	65	69150	44.151	ng	95
49) Acenaphthylene	14.292	152	306175	47.230	ng	100
50) Dimethylphthalate	14.028	163	256567	40.407	ng	99
51) 2,6-Dinitrotoluene	14.145	165	53709	39.545	ng	97
52) Acenaphthene	14.633	154	193694	47.896	ng	95
53) 3-Nitroaniline	14.474	138	43409	34.931	ng #	94
54) 2,4-Dinitrophenol	14.692	184	43810	46.457	ng	96
55) Dibenzofuran	14.968	168	316287	46.304	ng	98
56) 4-Nitrophenol	14.803	139	75665	75.341	ng	91
57) 2,4-Dinitrotoluene	14.938	165	77509	38.574	ng #	90
58) Fluorene	15.620	166	262006	44.327	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.203	232	83051	40.472	ng #	96
60) Diethylphthalate	15.391	149	234687	36.652	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	142532	40.160	ng	96
62) 4-Nitroaniline	15.637	138	47842	35.496	ng	100
63) Azobenzene	15.908	77	202950	40.716	ng	97
65) 4,6-Dinitro-2-methylph...	15.708	198	36946	32.407	ng	95
66) n-Nitrosodiphenylamine	15.826	169	217207	47.669	ng	98
67) 4-Bromophenyl-phenylether	16.507	248	102965	47.569	ng	96
68) Hexachlorobenzene	16.630	284	120753	44.821	ng	98
69) Atrazine	16.777	200	91538	48.713	ng	96
70) Pentachlorophenol	16.977	266	136223	82.303	ng	95
71) Phenanthrene	17.359	178	534306	63.595	ng	99
72) Anthracene	17.453	178	418293	49.895	ng	99
73) Carbazole	17.723	167	329171	44.657	ng	99
74) Di-n-butylphthalate	18.281	149	371610	42.398	ng	99
75) Fluoranthene	19.374	202	819670	71.214	ng	100
77) Benzidine	19.551	184	154964	44.091	ng	96
78) Pyrene	19.739	202	751221	63.625	ng	99
80) Butylbenzylphthalate	20.626	149	164635	44.050	ng	97
81) Benzo(a)anthracene	21.560	228	645271	53.097	ng	98
82) 3,3'-Dichlorobenzidine	21.478	252	151763	34.701	ng	98
83) Chrysene	21.625	228	606564	53.273	ng	98
84) Bis(2-ethylhexyl)phtha...	21.478	149	249178	51.056	ng	100
85) Di-n-octyl phthalate	22.659	149	409874	47.601	ng	96
87) Indeno(1,2,3-cd)pyrene	28.264	276	609030	40.094	ng #	93
88) Benzo(b)fluoranthene	23.722	252	631498	49.304	ng	99
89) Benzo(k)fluoranthene	23.787	252	599658	48.666	ng	100
90) Benzo(a)pyrene	24.568	252	560782	50.255	ng	99
91) Dibenzo(a,h)anthracene	28.328	278	496932	39.503	ng #	95
92) Benzo(g,h,i)perylene	29.368	276	407005	32.558	ng	96

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

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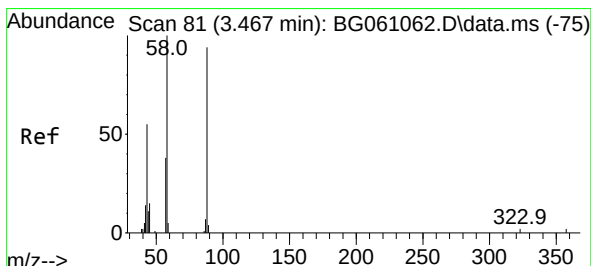
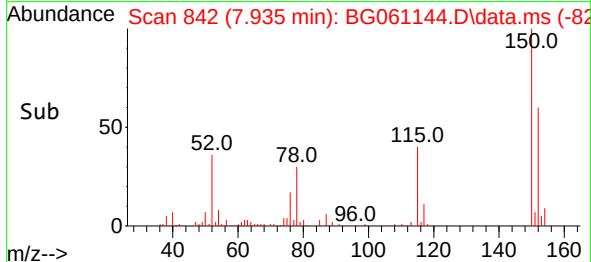
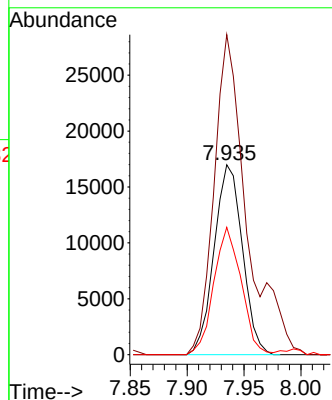
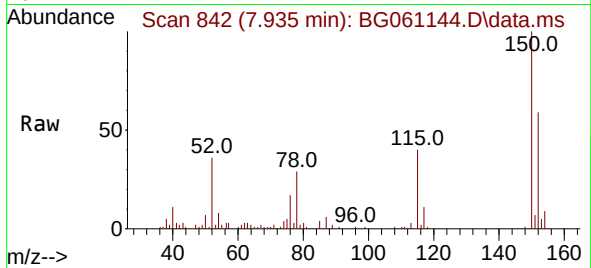




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.935 min Scan# 84
 Delta R.T. -0.026 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

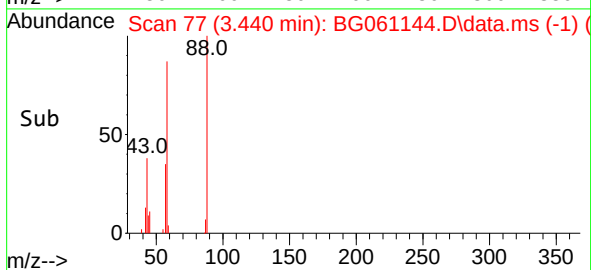
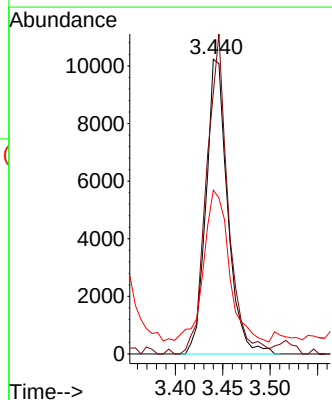
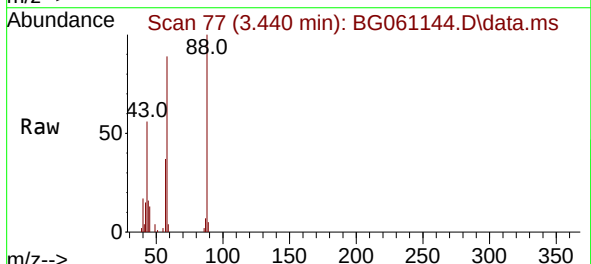
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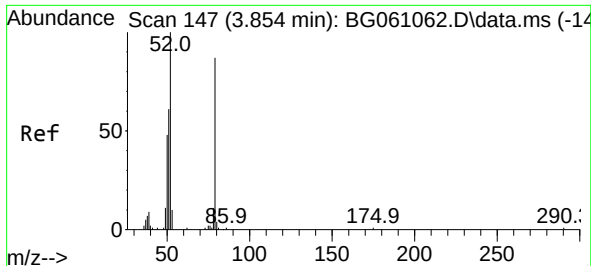
Tgt Ion:152 Resp: 29427
 Ion Ratio Lower Upper
 152 100
 150 168.5 138.3 207.5
 115 67.1 48.0 72.0



#2
 1,4-Dioxane
 Concen: 27.750 ng
 RT: 3.440 min Scan# 77
 Delta R.T. -0.027 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

Tgt Ion: 88 Resp: 16235
 Ion Ratio Lower Upper
 88 100
 58 107.6 81.2 121.8
 43 60.4 45.0 67.4

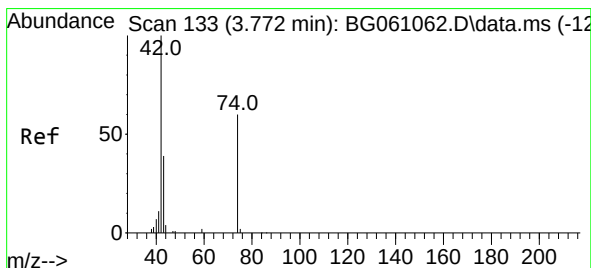
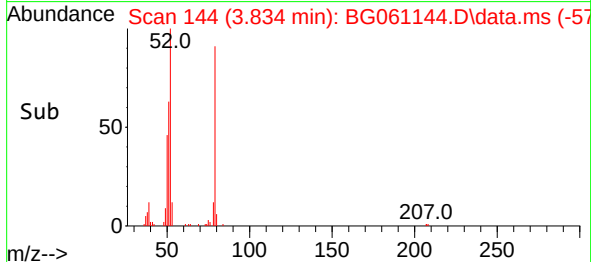
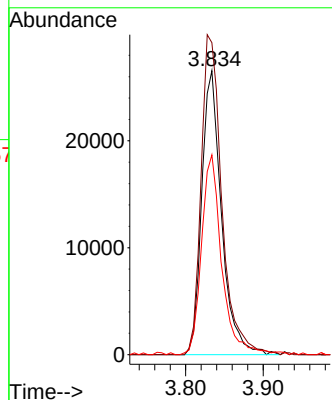
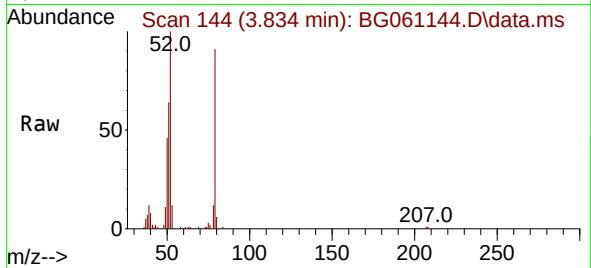




#3
Pyridine
Concen: 27.341 ng
RT: 3.834 min Scan# 14
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

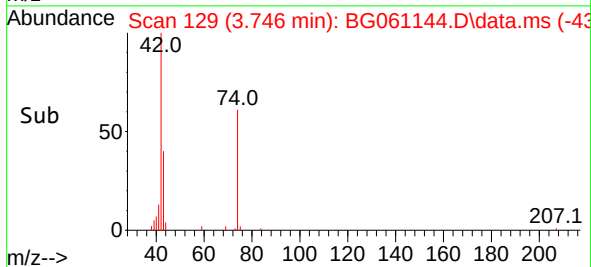
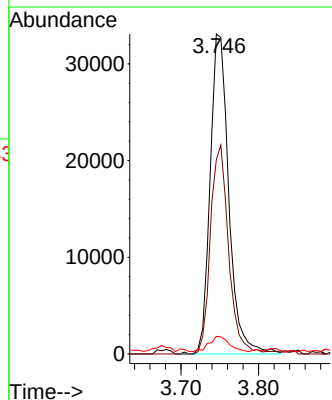
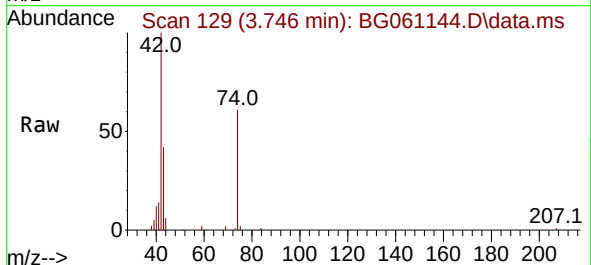
Instrument :
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ClientSampleId :
BIN-1MS

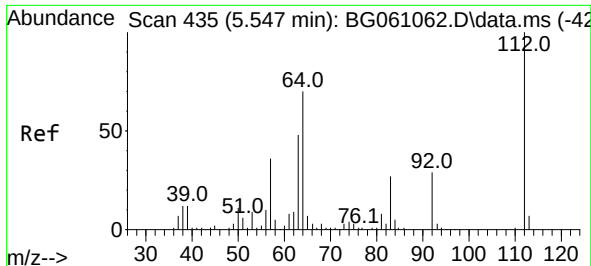
Tgt Ion: 79 Resp: 47069
Ion Ratio Lower Upper
79 100
52 109.8 91.6 137.4
51 70.4 57.0 85.4



#4
n-Nitrosodimethylamine
Concen: 33.525 ng
RT: 3.746 min Scan# 129
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion: 42 Resp: 55452
Ion Ratio Lower Upper
42 100
74 60.8 47.8 71.8
44 5.5 4.7 7.1

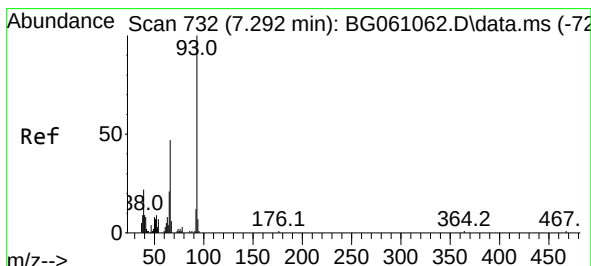
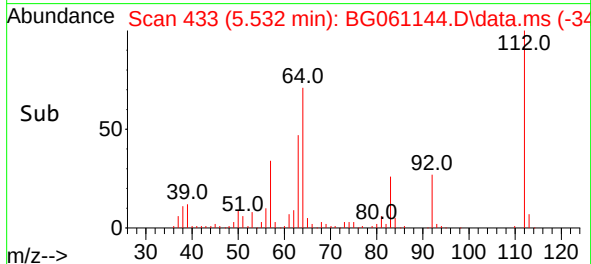
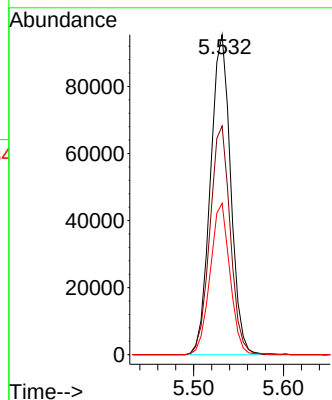
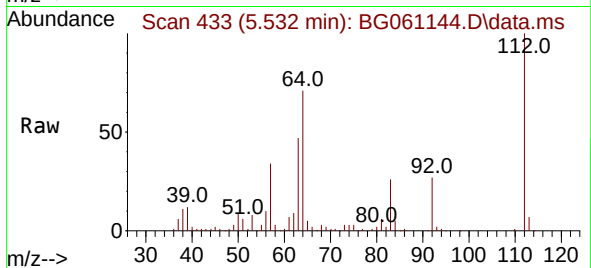




#5
2-Fluorophenol
Concen: 102.772 ng
RT: 5.532 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

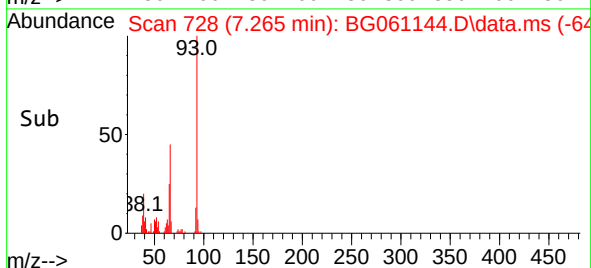
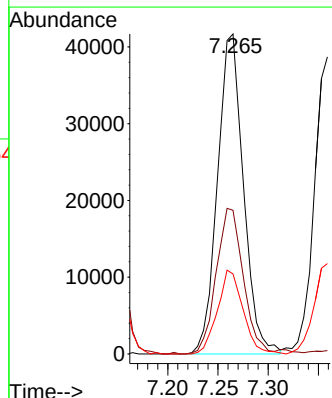
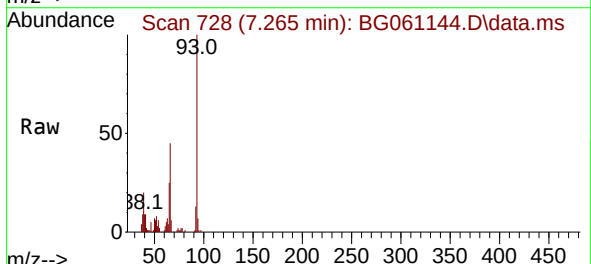
Instrument :
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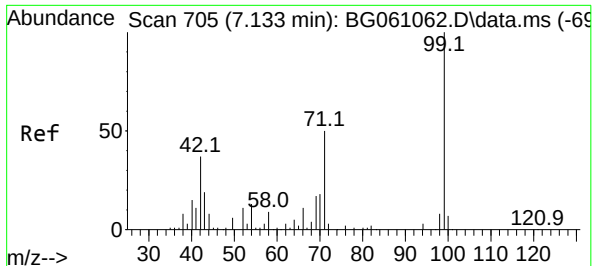
Tgt Ion:112 Resp: 148705
Ion Ratio Lower Upper
112 100
64 71.4 55.7 83.5
63 47.3 38.1 57.1



#6
Aniline
Concen: 35.259 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion: 93 Resp: 74819
Ion Ratio Lower Upper
93 100
66 44.9 37.4 56.0
65 25.0 16.6 24.8#

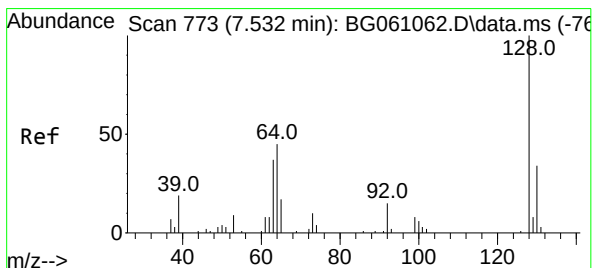
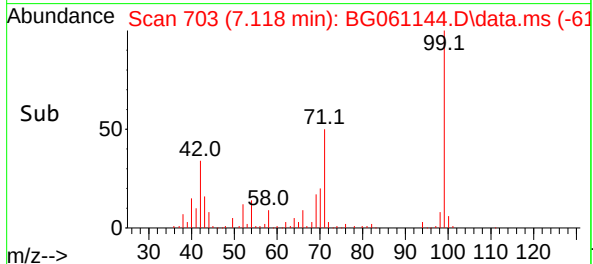
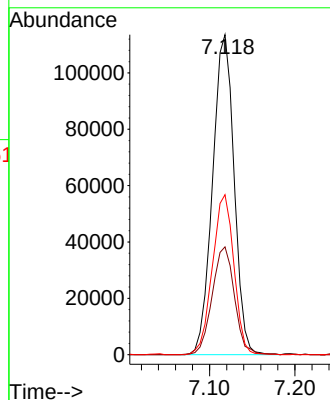
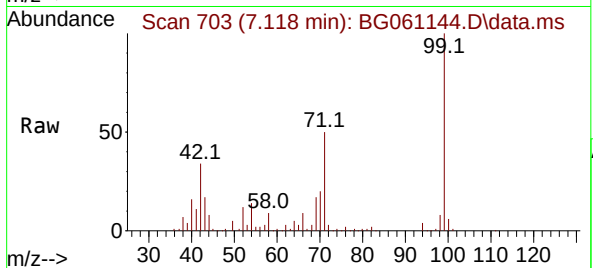




#7
Phenol-d6
Concen: 93.095 ng
RT: 7.118 min Scan# 703
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

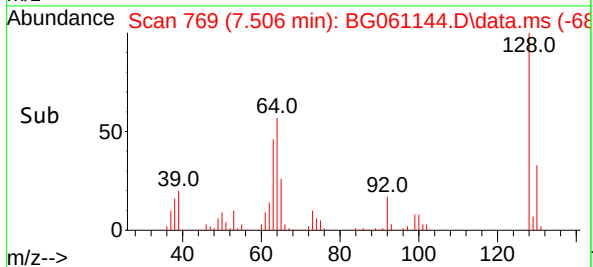
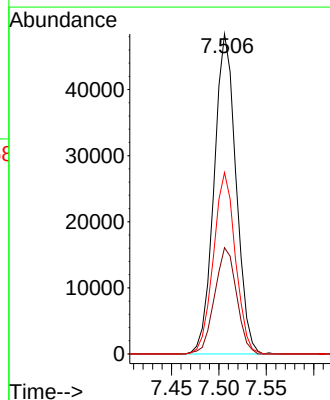
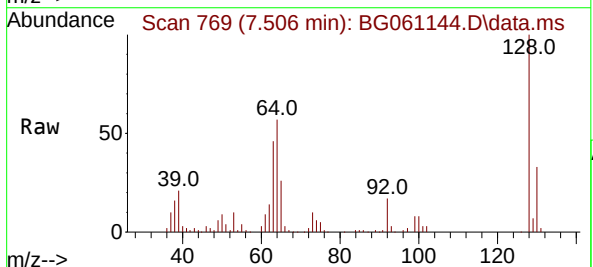
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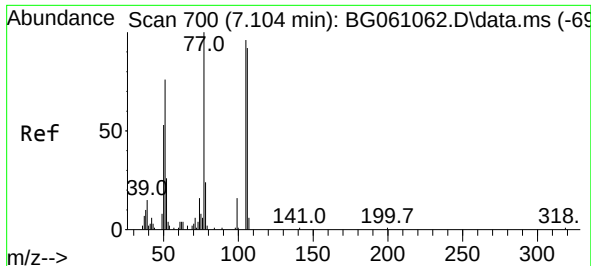
Tgt Ion: 99 Resp: 199269
Ion Ratio Lower Upper
99 100
42 33.7 29.2 43.8
71 50.0 39.7 59.5



#8
2-Chlorophenol
Concen: 43.919 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:128 Resp: 77964
Ion Ratio Lower Upper
128 100
130 33.2 14.1 54.1
64 56.7 34.8 74.8

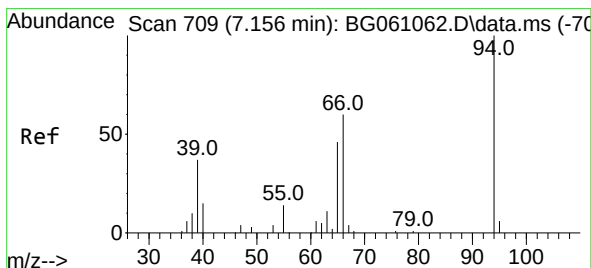
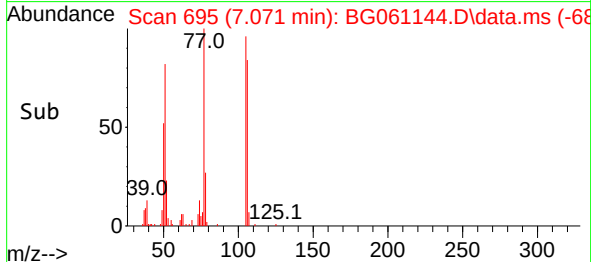
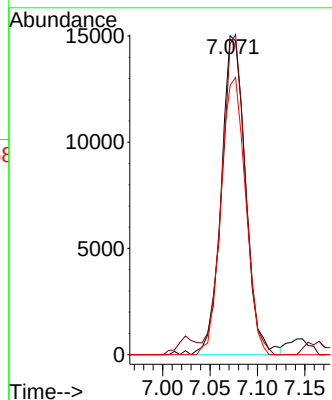
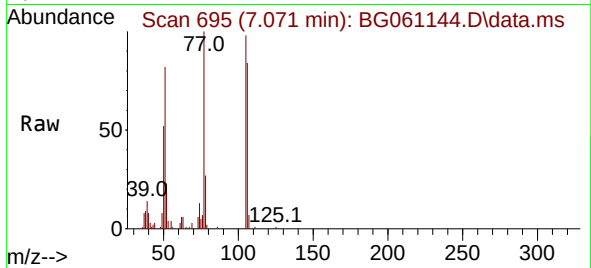




#9
Benzaldehyde
Concen: 20.597 ng
RT: 7.071 min Scan# 695
Delta R.T. -0.033 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

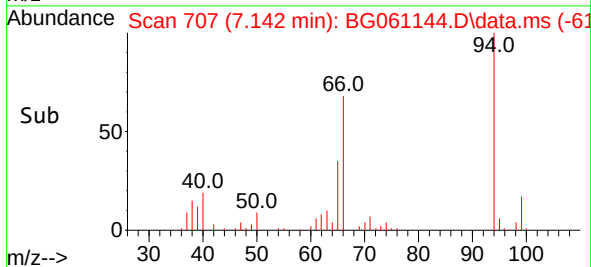
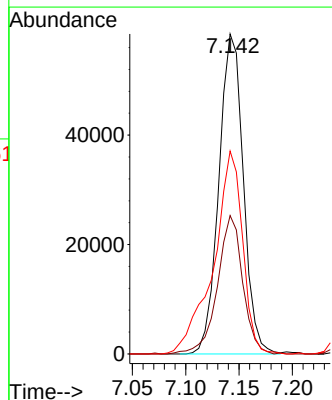
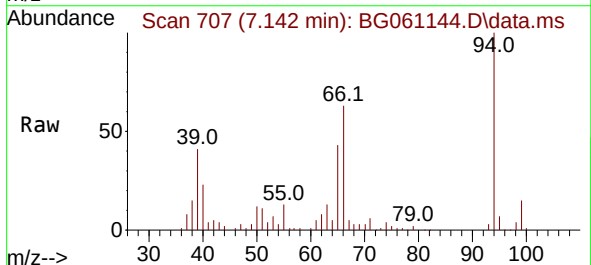
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ClientSampleId :
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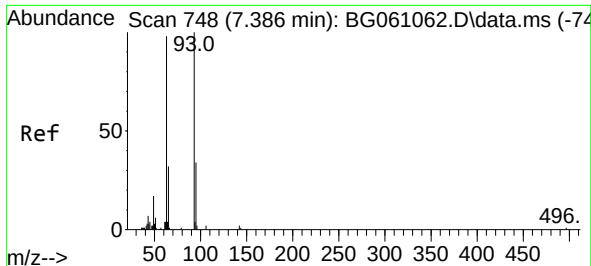
Tgt Ion: 77 Resp: 26666
Ion Ratio Lower Upper
77 100
105 97.5 76.0 116.0
106 84.4 72.3 112.3



#10
Phenol
Concen: 42.757 ng
RT: 7.142 min Scan# 707
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion: 94 Resp: 93071
Ion Ratio Lower Upper
94 100
65 43.2 26.8 66.8
66 63.4 44.7 84.7

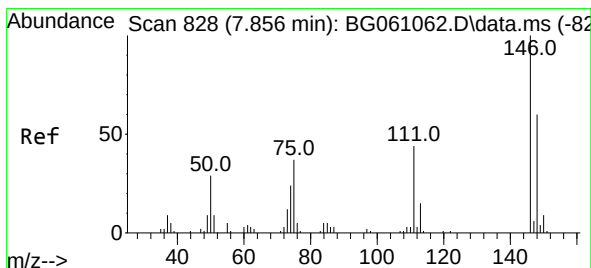
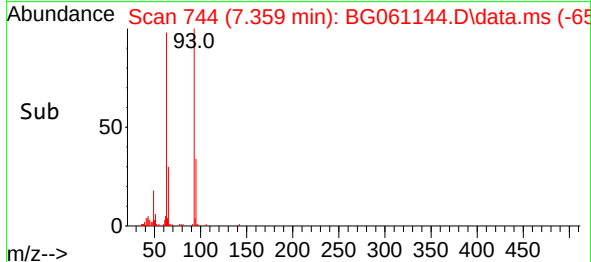
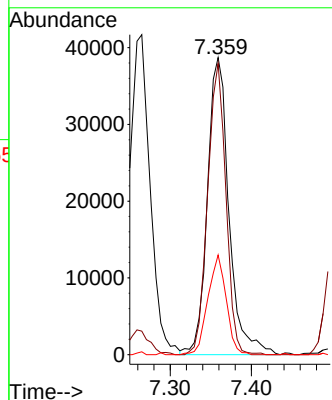
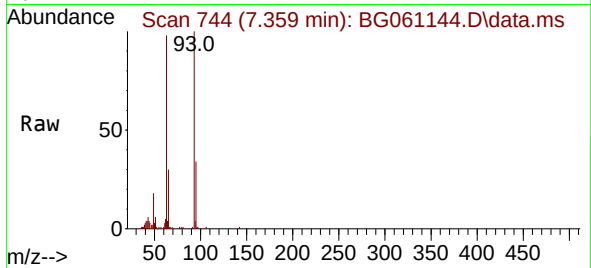




#11
bis(2-Chloroethyl)ether
Concen: 47.429 ng
RT: 7.359 min Scan# 748
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

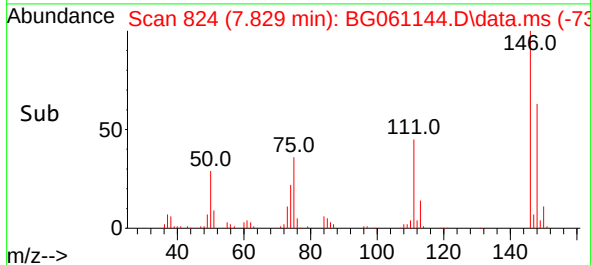
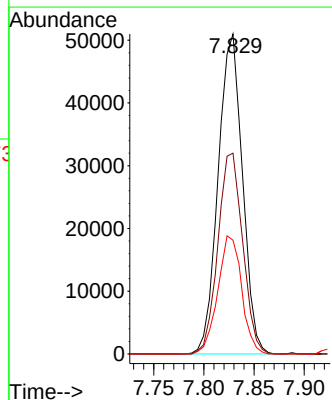
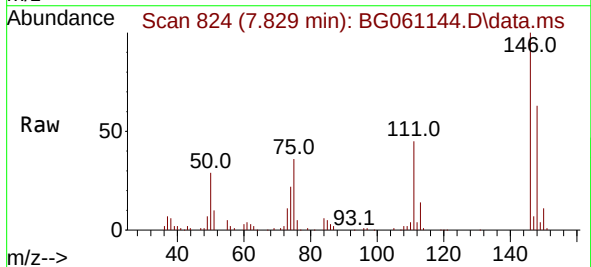
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

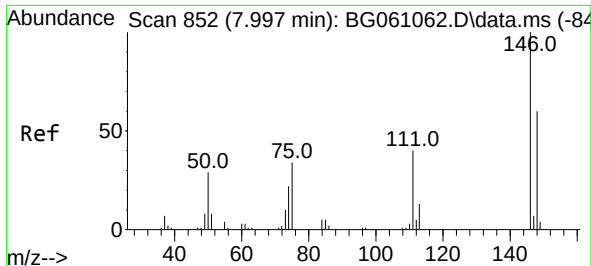
Tgt Ion: 93 Resp: 71323
Ion Ratio Lower Upper
93 100
63 98.0 76.8 116.8
95 33.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.997 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

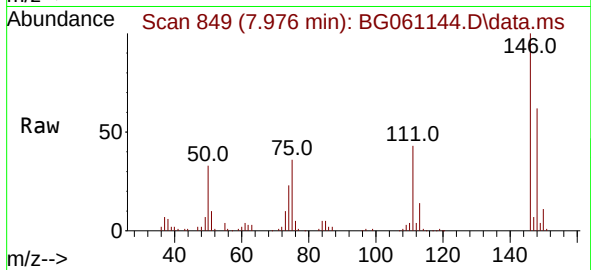
Tgt Ion:146 Resp: 85794
Ion Ratio Lower Upper
146 100
148 62.8 48.0 72.0
75 35.5 29.5 44.3



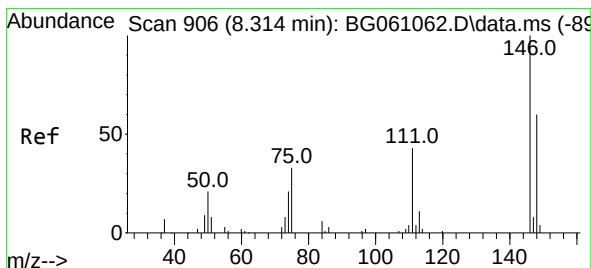
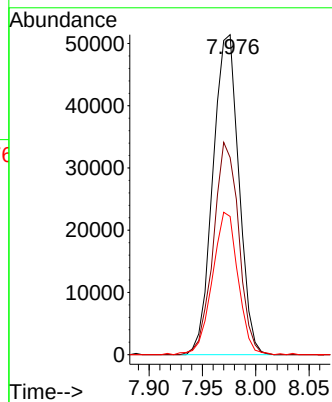
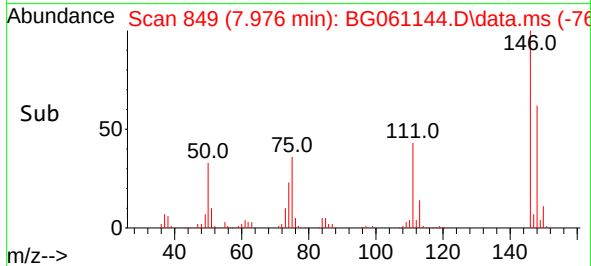


#13
1,4-Dichlorobenzene
Concen: 40.148 ng
RT: 7.976 min Scan# 849
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

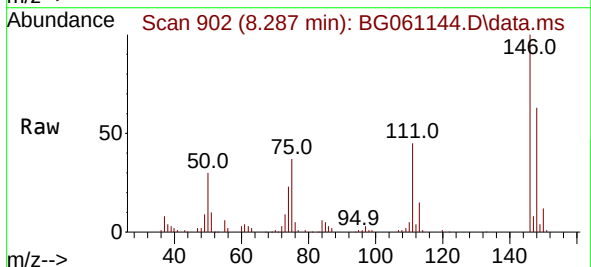
Instrument :
BNA_G
ClientSampleId :
BIN-1MS



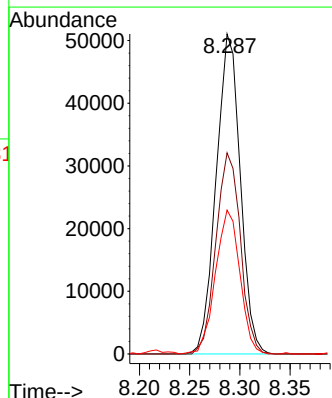
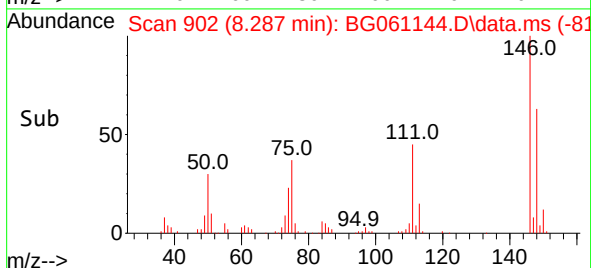
Tgt Ion:146 Resp: 86835
Ion Ratio Lower Upper
146 100
148 61.6 48.1 72.1
111 43.2 32.5 48.7

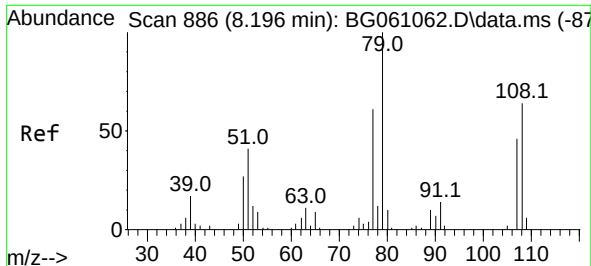


#14
1,2-Dichlorobenzene
Concen: 40.909 ng
RT: 8.287 min Scan# 902
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30



Tgt Ion:146 Resp: 85365
Ion Ratio Lower Upper
146 100
148 62.9 48.2 72.2
111 44.9 36.2 54.2

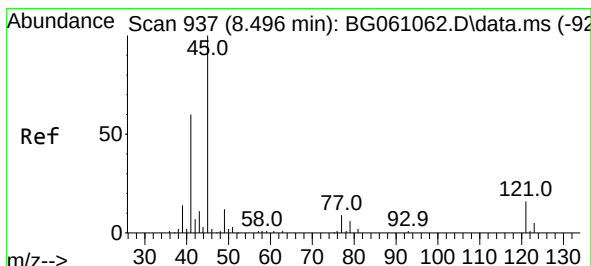
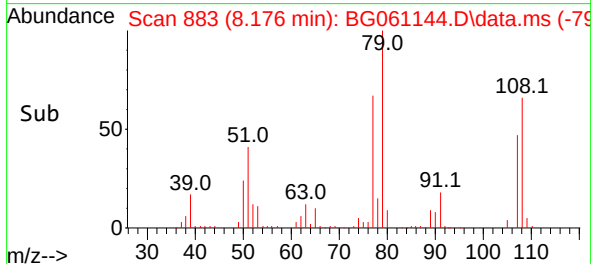
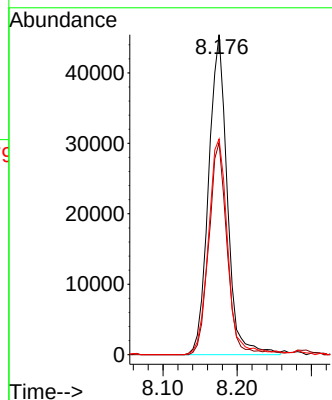
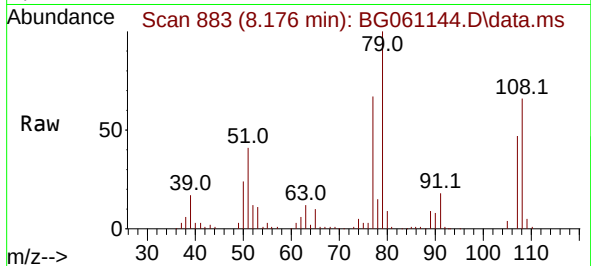




#15
Benzyl Alcohol
Concen: 41.044 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

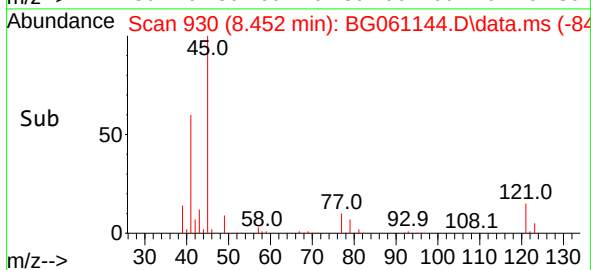
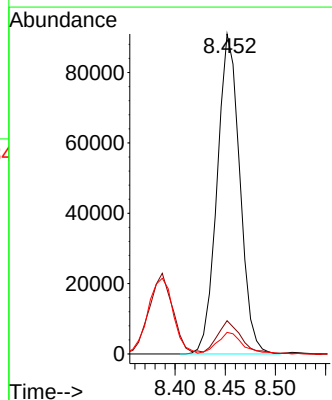
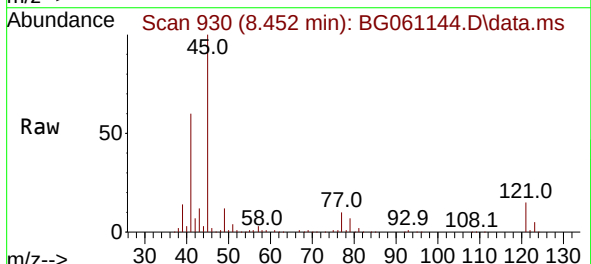
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

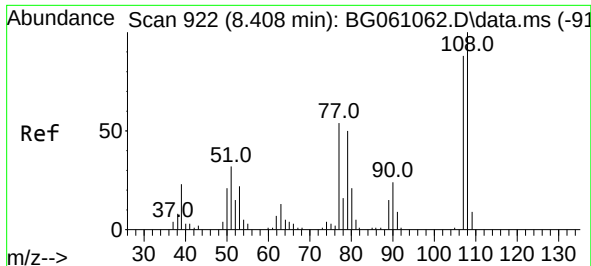
Tgt Ion: 79 Resp: 79251
Ion Ratio Lower Upper
79 100
108 66.3 51.1 76.7
77 67.4 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.826 ng
RT: 8.452 min Scan# 930
Delta R.T. -0.044 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion: 45 Resp: 143006
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.2
79 6.8 0.0 26.5

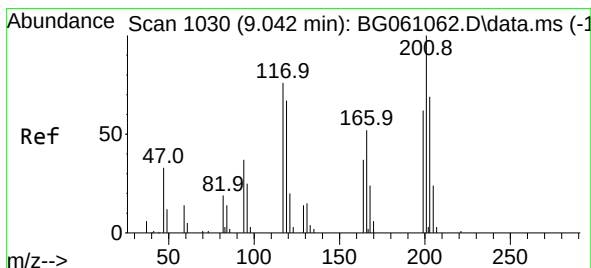
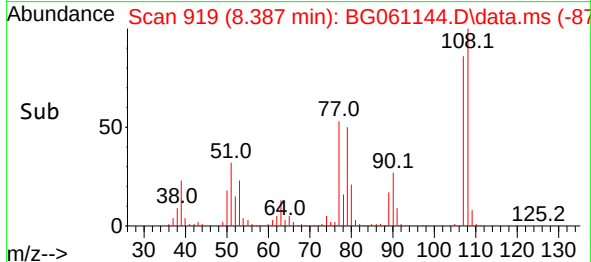
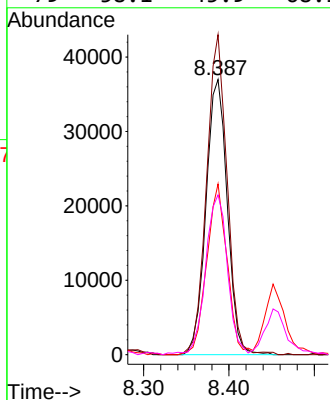
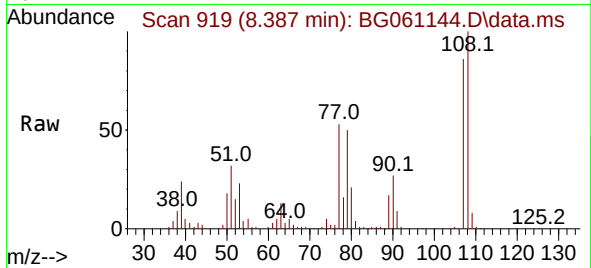




#17
2-Methylphenol
Concen: 41.358 ng
RT: 8.387 min Scan# 91
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

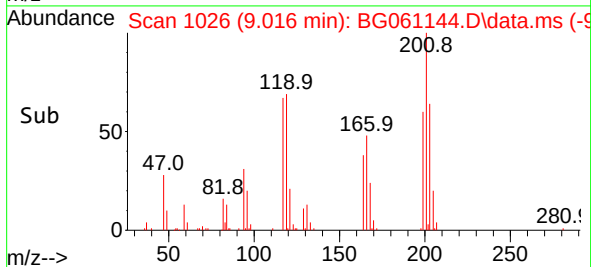
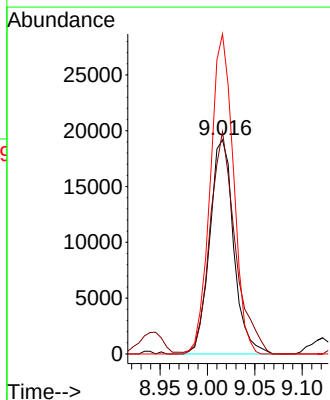
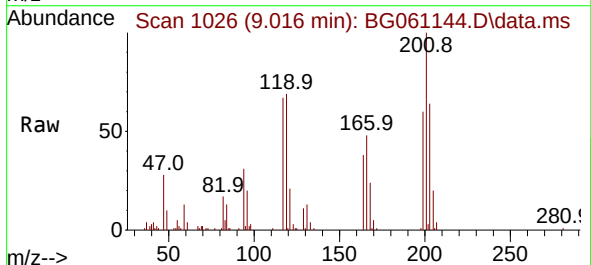
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

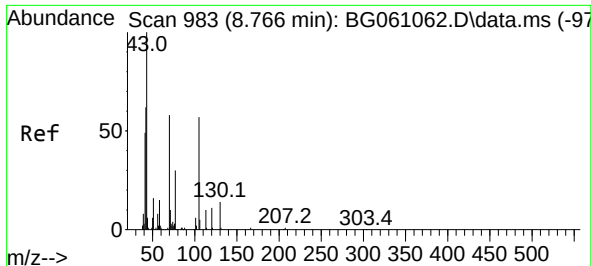
Tgt Ion:107 Resp: 64157
Ion Ratio Lower Upper
107 100
108 116.3 91.4 137.2
77 62.0 49.4 74.2
79 58.1 45.9 68.9



#18
Hexachloroethane
Concen: 43.829 ng
RT: 9.016 min Scan# 1026
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:117 Resp: 33826
Ion Ratio Lower Upper
117 100
119 104.9 71.4 107.0
201 149.5 105.8 158.8



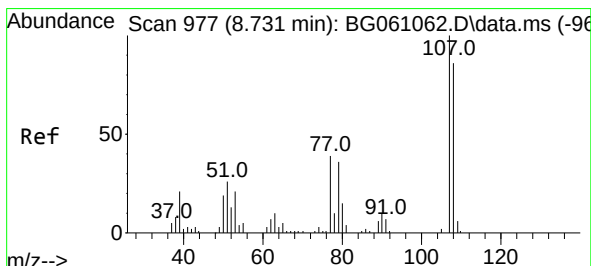
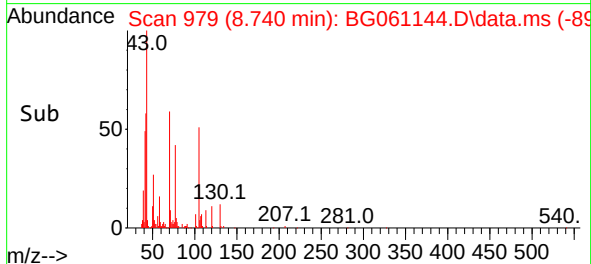
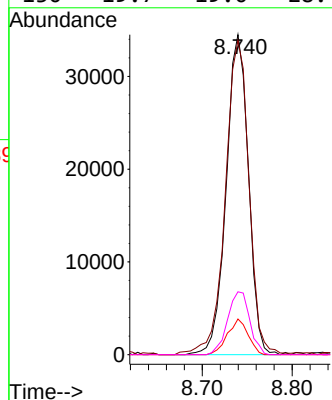
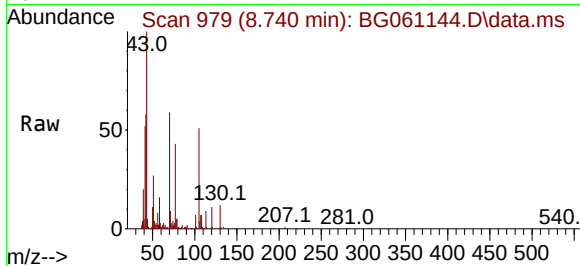


#19
n-Nitroso-di-n-propylamine
Concen: 37.014 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Instrument :
BNA_G
ClientSampleId :
BIN-1MS

Tgt Ion: 70 Resp: 59292

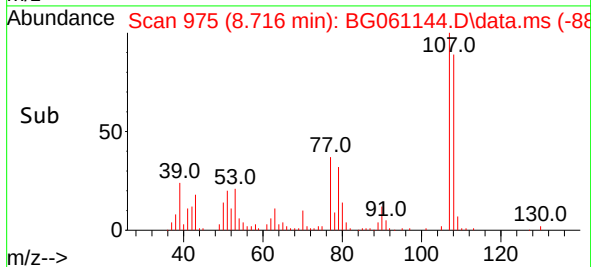
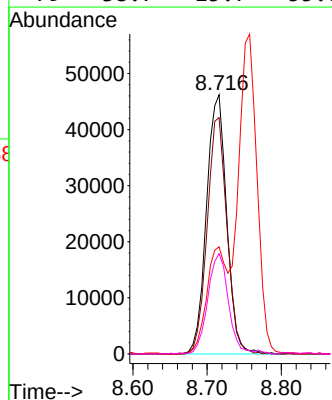
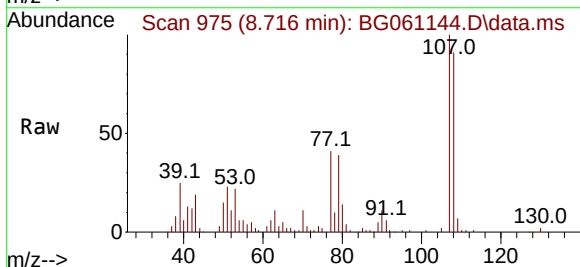
Ion	Ratio	Lower	Upper
70	100		
42	98.2	86.4	129.6
101	11.2	7.8	11.8
130	19.7	19.0	28.4

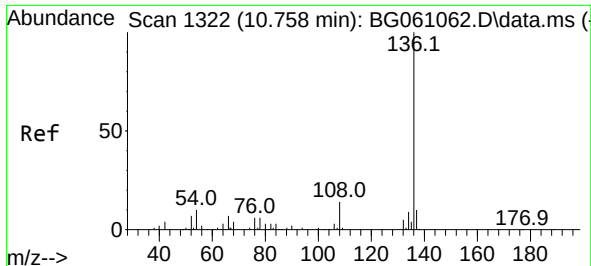


#20
3+4-Methylphenols
Concen: 39.082 ng
RT: 8.716 min Scan# 975
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion: 107 Resp: 87468

Ion	Ratio	Lower	Upper
107	100		
108	91.2	65.7	105.7
77	41.4	19.4	59.4
79	38.7	15.7	55.7

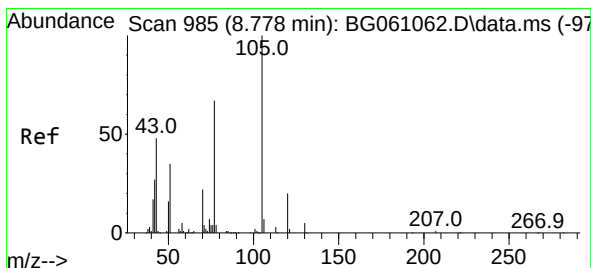
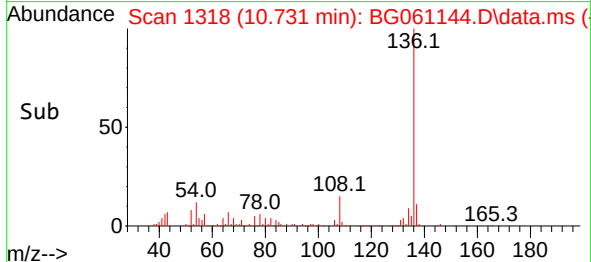
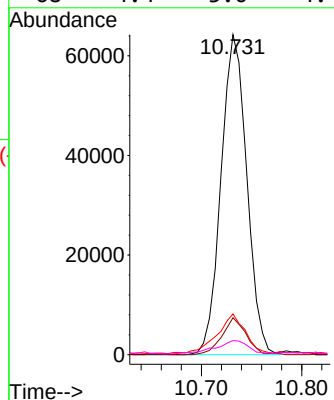
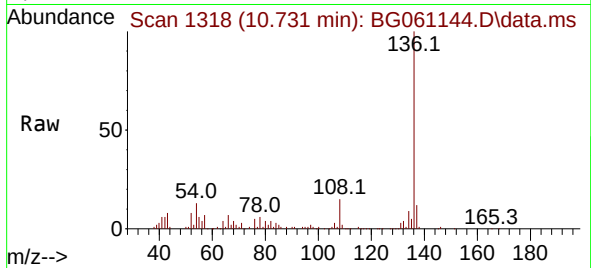




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

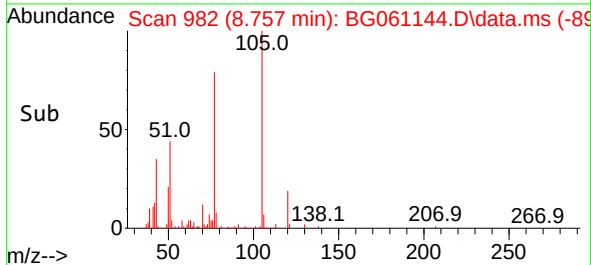
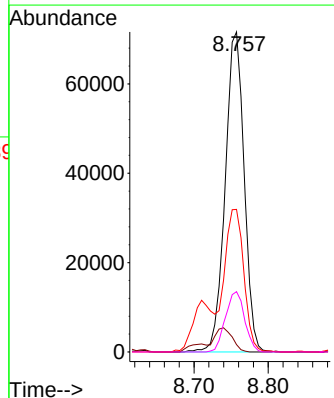
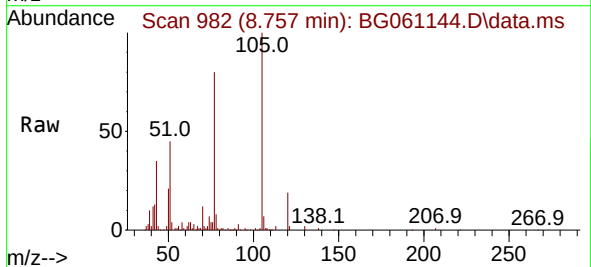
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

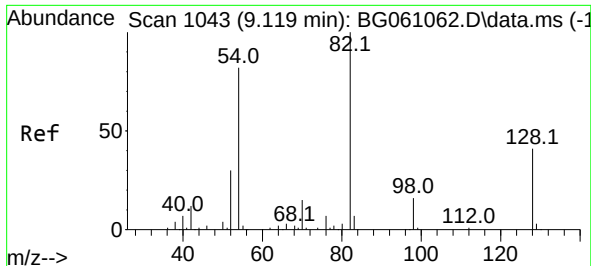
Tgt Ion:136 Resp: 114687
Ion Ratio Lower Upper
136 100
137 11.6 7.8 11.6
54 12.7 8.1 12.1#
68 4.4 3.0 4.4



#22
Acetophenone
Concen: 44.501 ng
RT: 8.757 min Scan# 982
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:105 Resp: 127103
Ion Ratio Lower Upper
105 100
71 2.3 3.3 4.9#
51 44.5 36.7 55.1
120 18.8 15.7 23.5

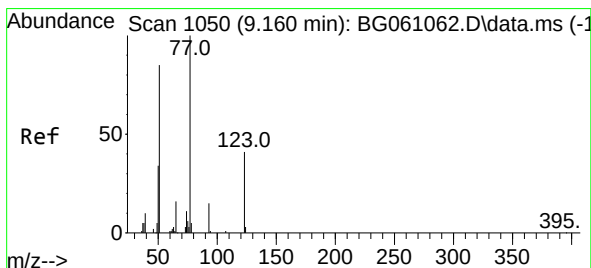
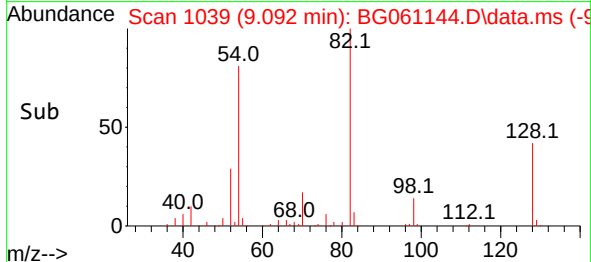
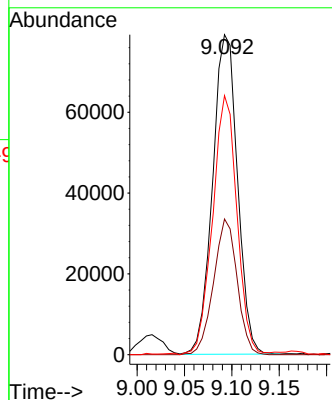
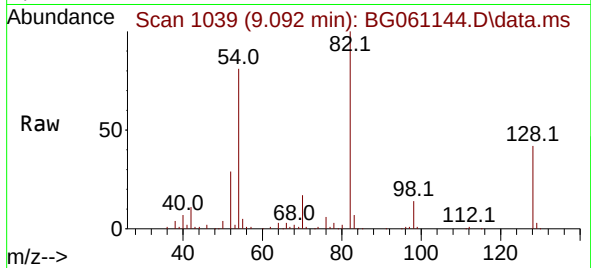




#23
Nitrobenzene-d5
Concen: 62.420 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

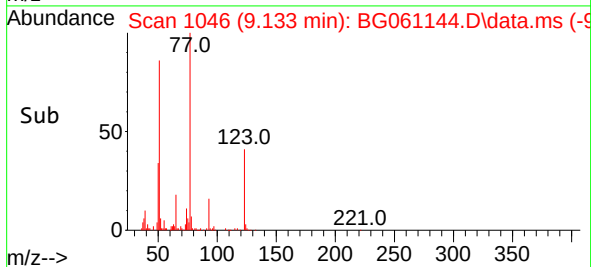
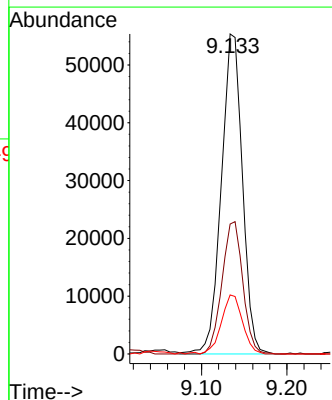
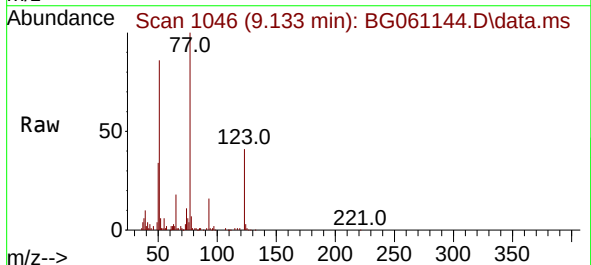
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

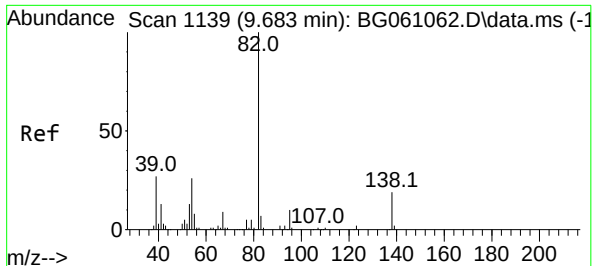
Tgt Ion: 82 Resp: 144411
Ion Ratio Lower Upper
82 100
128 42.4 32.7 49.1
54 80.9 65.6 98.4



#24
Nitrobenzene
Concen: 42.010 ng
RT: 9.133 min Scan# 1046
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion: 77 Resp: 95081
Ion Ratio Lower Upper
77 100
123 40.6 33.1 49.7
65 18.4 13.1 19.7

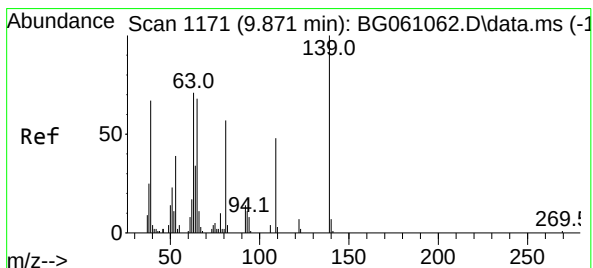
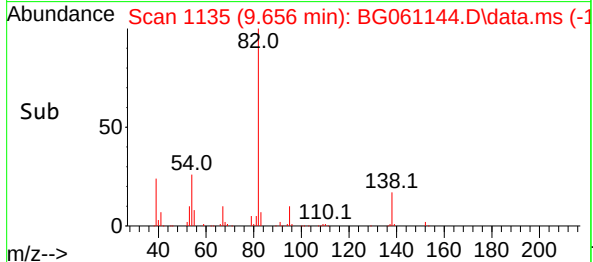
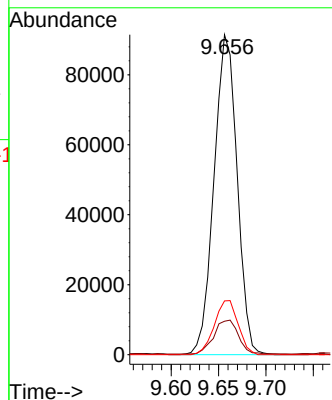
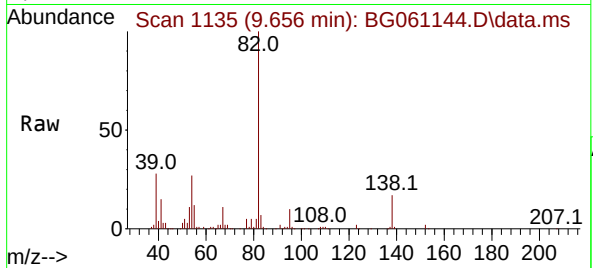




#25
Isophorone
Concen: 36.260 ng
RT: 9.656 min Scan# 1135
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

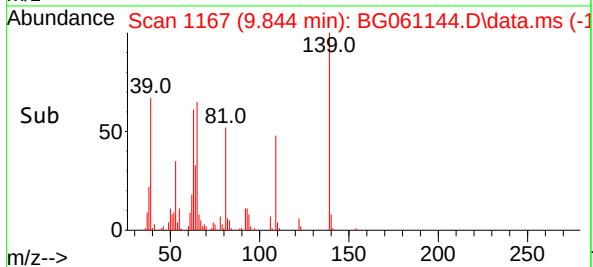
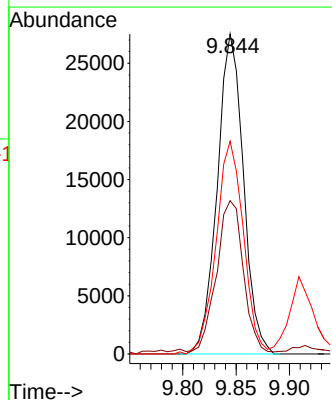
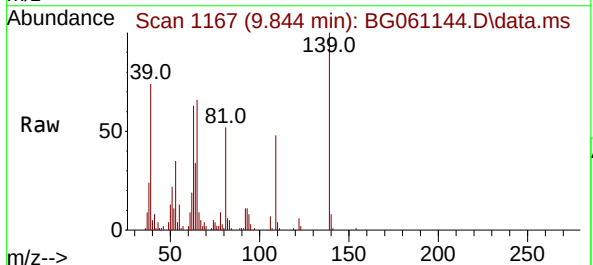
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

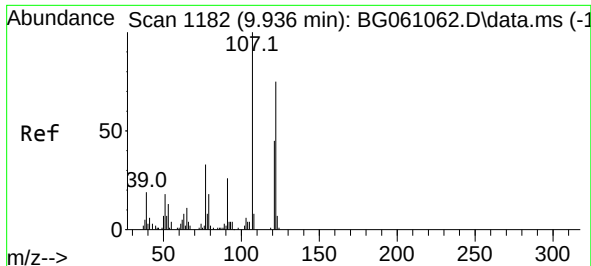
Tgt Ion: 82 Resp: 155068
Ion Ratio Lower Upper
82 100
95 10.5 8.3 12.5
138 16.8 15.2 22.8



#26
2-Nitrophenol
Concen: 43.786 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion: 139 Resp: 46952
Ion Ratio Lower Upper
139 100
109 47.9 38.5 57.7
65 66.5 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 47.609 ng

RT: 9.915 min Scan# 1182

Delta R.T. -0.021 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

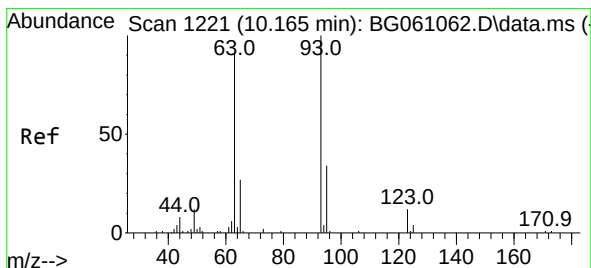
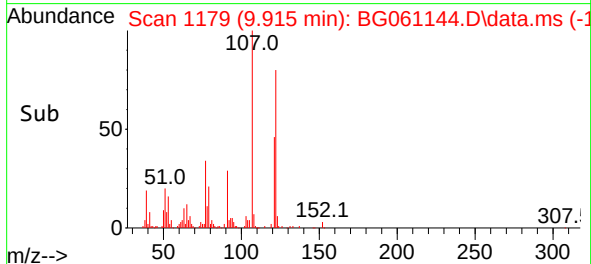
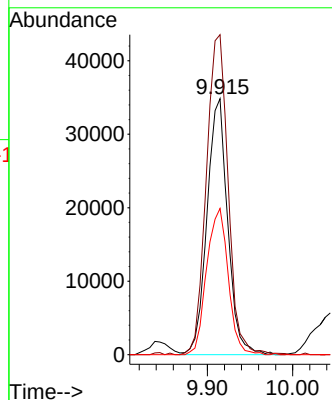
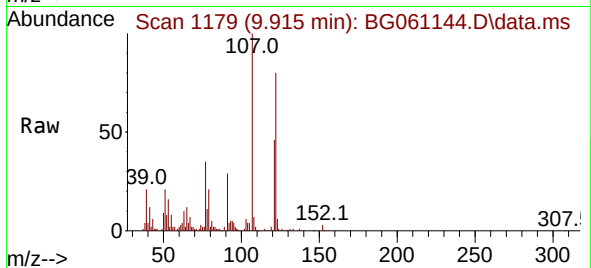
Tgt Ion:122 Resp: 58857

Ion Ratio Lower Upper

122 100

107 125.0 106.9 160.3

121 57.1 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 42.216 ng

RT: 10.138 min Scan# 1217

Delta R.T. -0.027 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

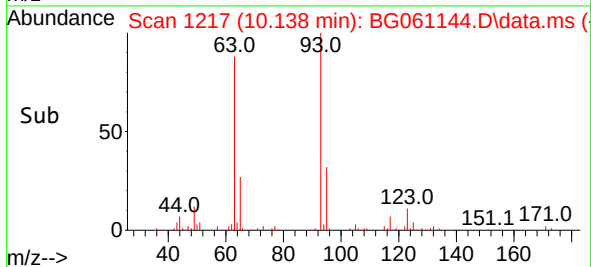
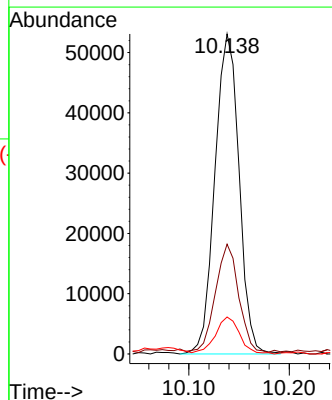
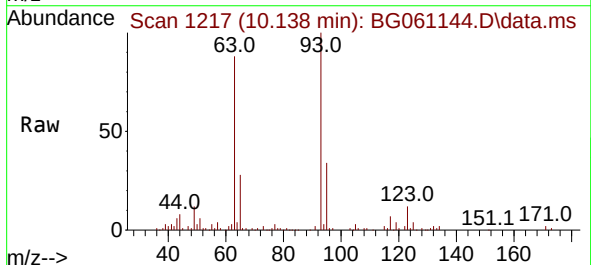
Tgt Ion: 93 Resp: 88606

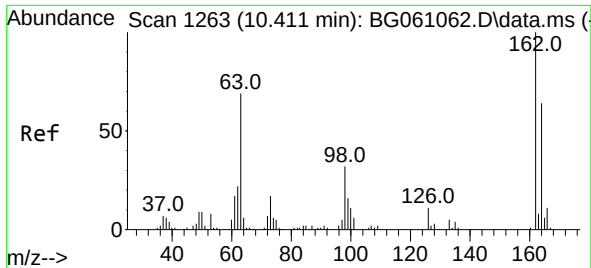
Ion Ratio Lower Upper

93 100

95 34.3 27.4 41.0

123 11.5 9.7 14.5

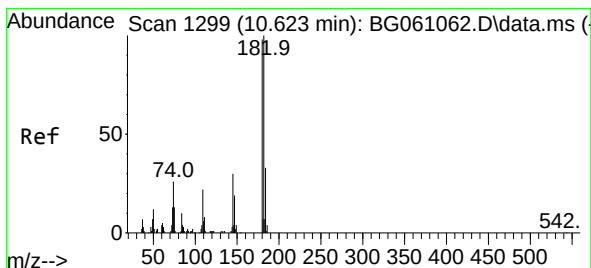
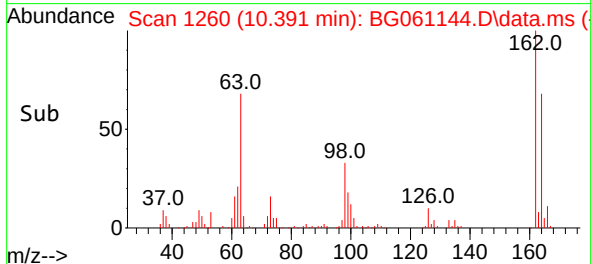
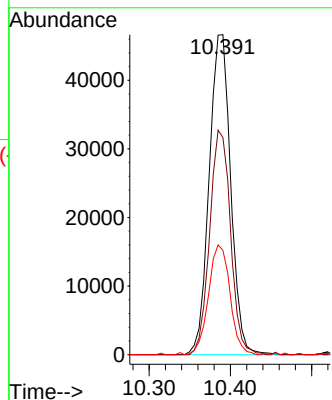
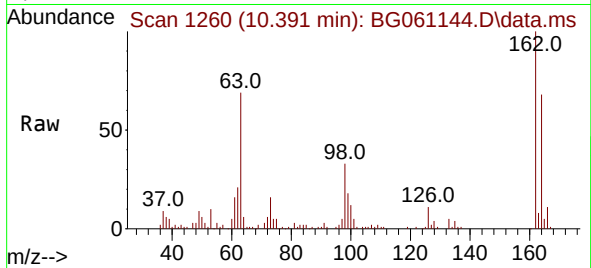




#29
2,4-Dichlorophenol
Concen: 44.311 ng
RT: 10.391 min Scan# 1260
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

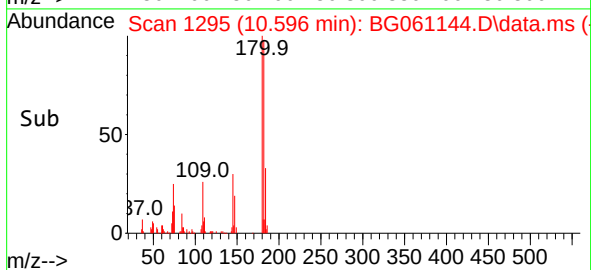
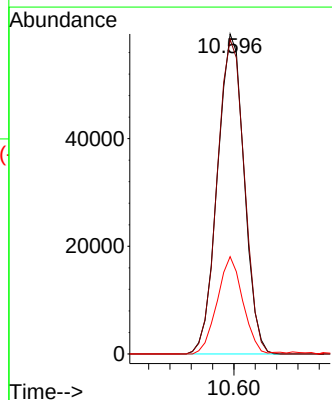
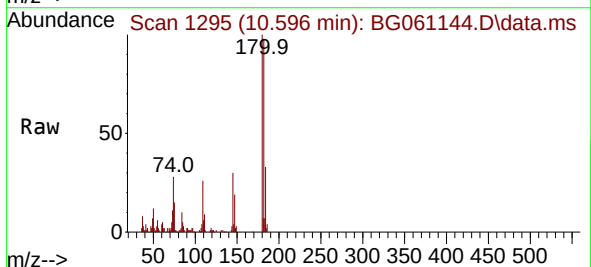
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

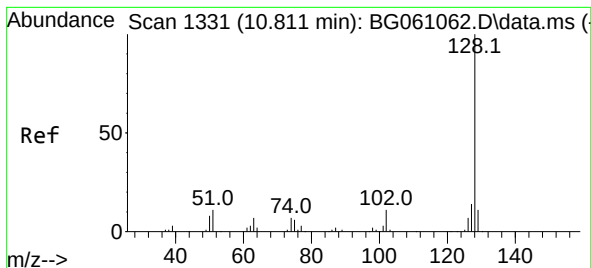
Tgt Ion:162 Resp: 85831
Ion Ratio Lower Upper
162 100
164 67.9 43.6 83.6
98 32.6 12.3 52.3



#30
1,2,4-Trichlorobenzene
Concen: 44.159 ng
RT: 10.596 min Scan# 1295
Delta R.T. -0.027 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:180 Resp: 103066
Ion Ratio Lower Upper
180 100
182 98.3 81.7 122.5
145 30.4 24.5 36.7





#31

Naphthalene

Concen: 41.714 ng

RT: 10.784 min Scan# 11

Delta R.T. -0.027 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

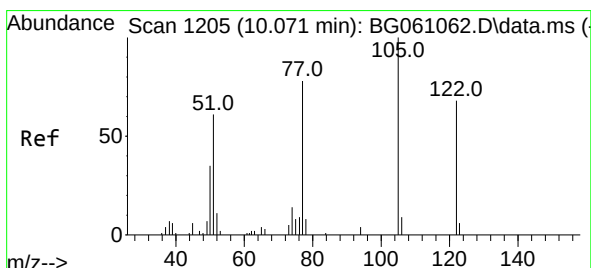
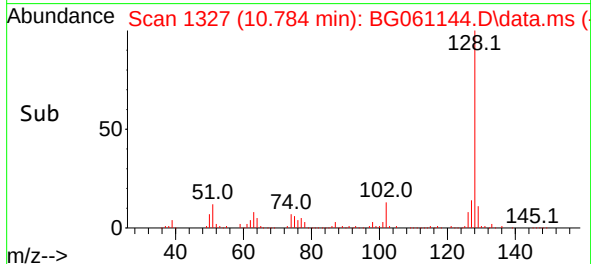
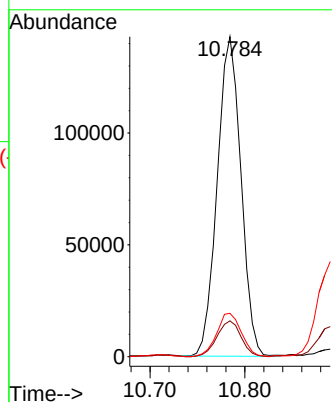
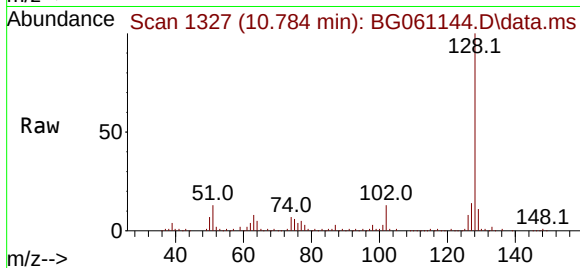
Tgt Ion:128 Resp: 248635

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.5 11.1 16.7



#32

Benzoic acid

Concen: 29.353 ng

RT: 10.079 min Scan# 1207

Delta R.T. 0.009 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

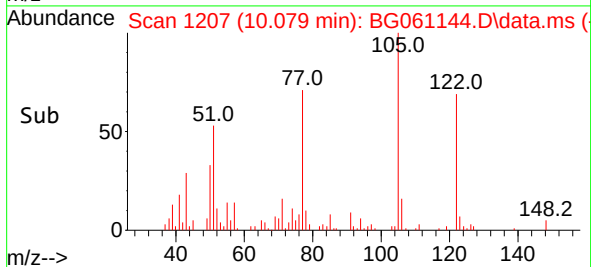
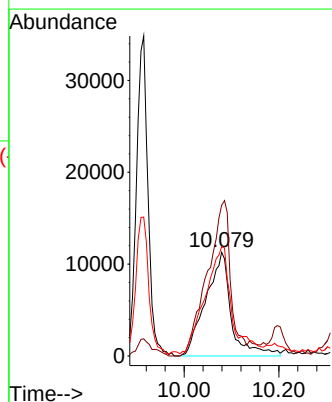
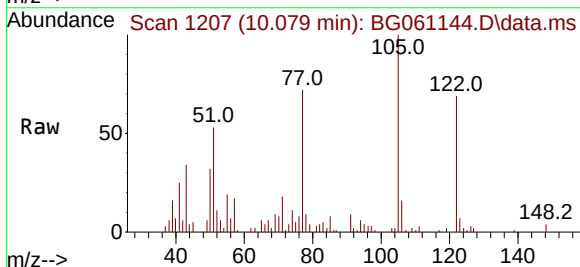
Tgt Ion:122 Resp: 41949

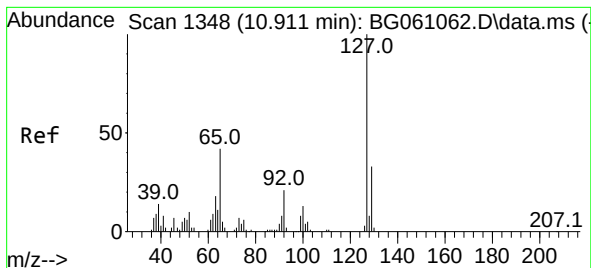
Ion Ratio Lower Upper

122 100

105 145.4 123.3 163.3

77 105.4 93.2 133.2





#33

4-Chloroaniline

Concen: 33.438 ng

RT: 10.890 min Scan# 11

Delta R.T. -0.021 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

Tgt Ion:127 Resp: 79487

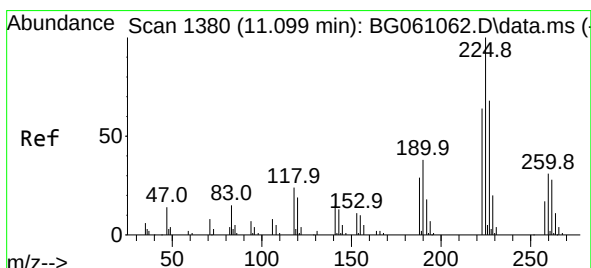
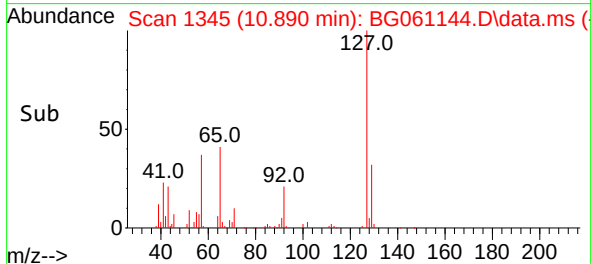
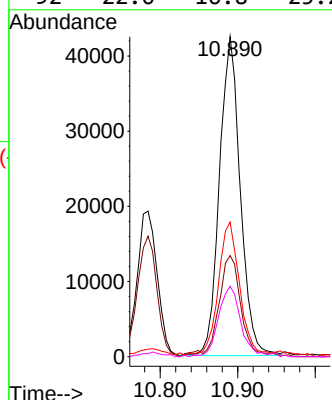
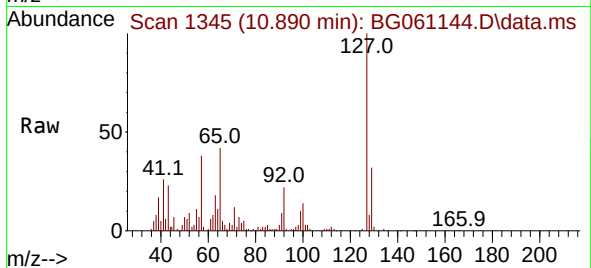
Ion Ratio Lower Upper

127 100

129 31.6 26.6 39.8

65 42.0 33.6 50.4

92 22.0 16.8 25.2



#34

Hexachlorobutadiene

Concen: 43.075 ng

RT: 11.066 min Scan# 1375

Delta R.T. -0.032 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

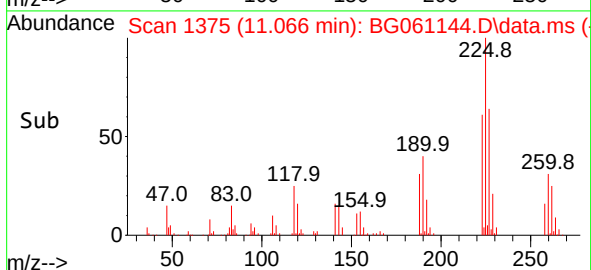
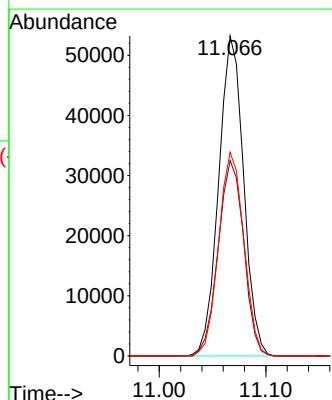
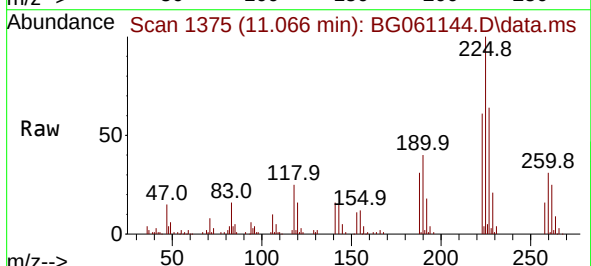
Tgt Ion:225 Resp: 86264

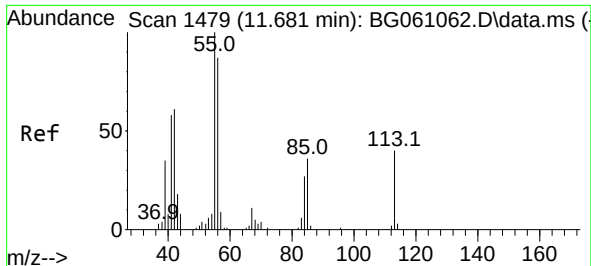
Ion Ratio Lower Upper

225 100

223 61.1 51.0 76.4

227 63.6 54.6 82.0

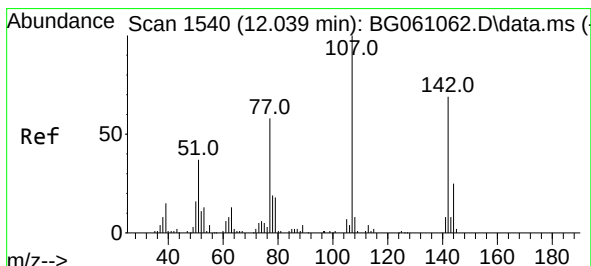
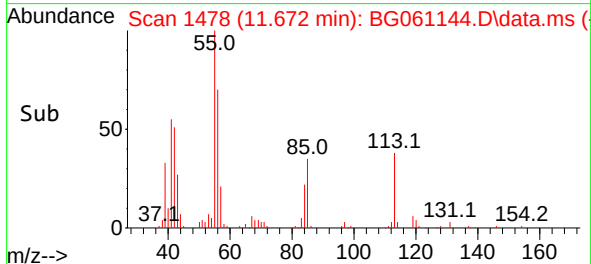
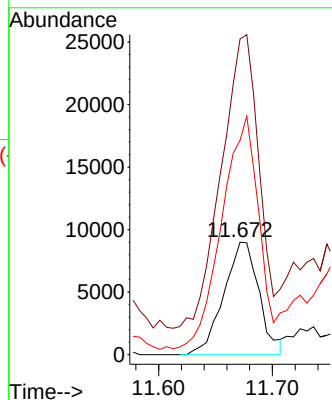
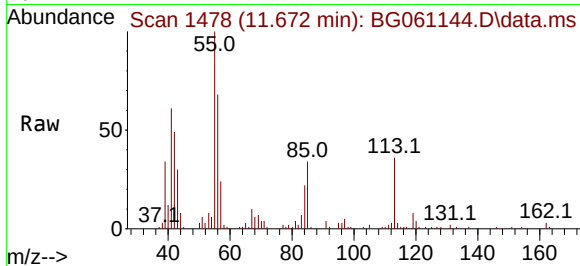




#35
 Caprolactam
 Concen: 27.805 ng
 RT: 11.672 min Scan# 1478
 Delta R.T. -0.009 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

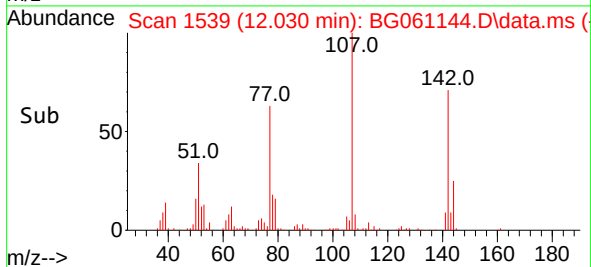
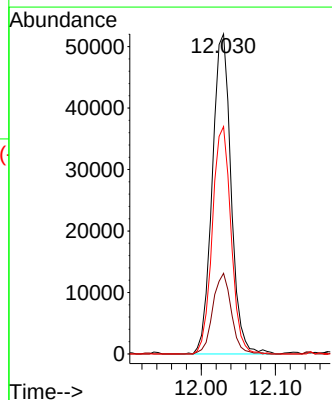
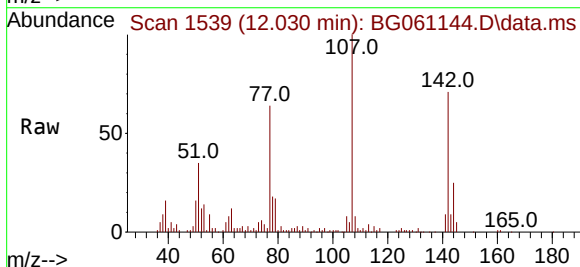
Instrument :
 BNA_G
 ClientSampleId :
 BIN-1MS

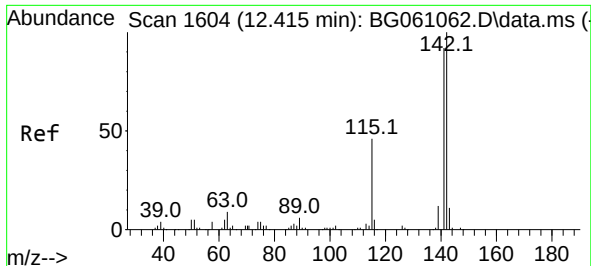
Tgt Ion:113 Resp: 19396
 Ion Ratio Lower Upper
 113 100
 55 280.8 227.6 267.6#
 56 190.5 195.1 235.1#



#36
 4-Chloro-3-methylphenol
 Concen: 39.250 ng
 RT: 12.030 min Scan# 1539
 Delta R.T. -0.009 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

Tgt Ion:107 Resp: 91678
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.4
 142 71.0 55.6 83.4





#37

2-Methylnaphthalene

Concen: 40.786 ng

RT: 12.394 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

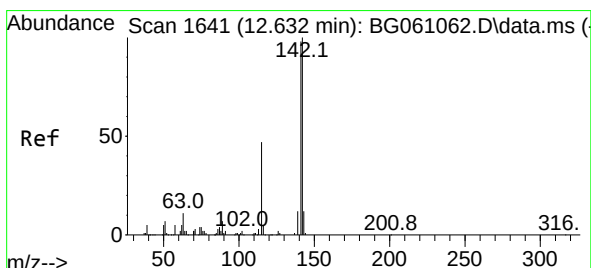
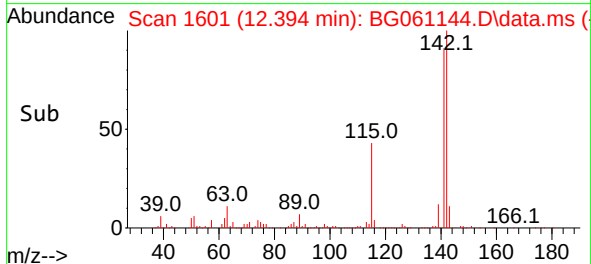
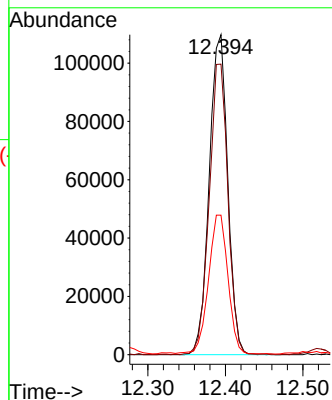
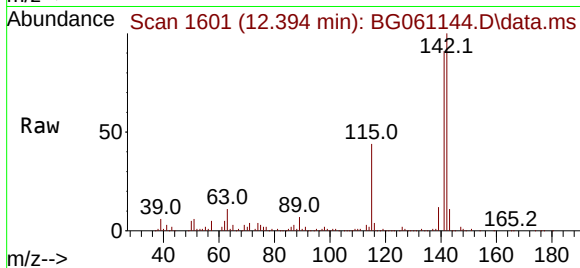
Tgt Ion:142 Resp: 182173

Ion Ratio Lower Upper

142 100

141 90.8 73.8 110.8

115 43.6 36.9 55.3



#38

1-Methylnaphthalene

Concen: 37.675 ng

RT: 12.612 min Scan# 1638

Delta R.T. -0.021 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

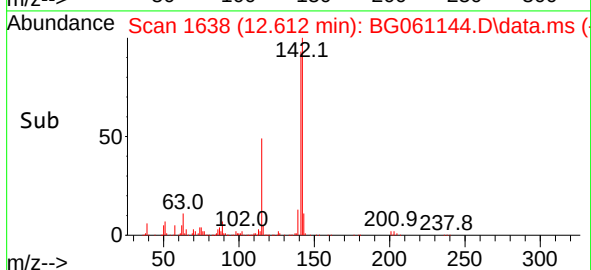
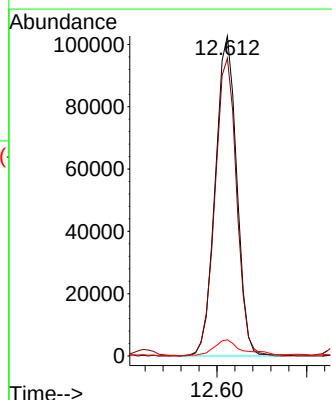
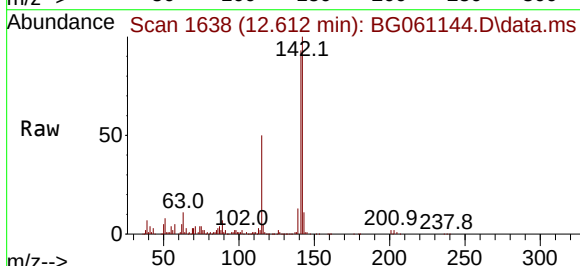
Tgt Ion:142 Resp: 169409

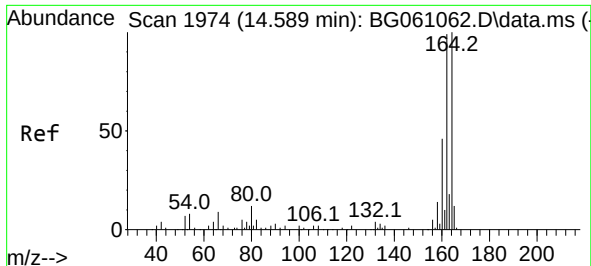
Ion Ratio Lower Upper

142 100

141 93.1 78.4 117.6

116 5.1 4.3 6.5

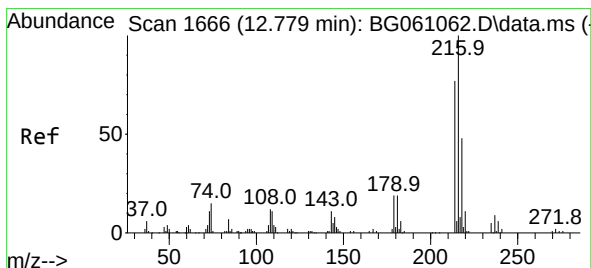
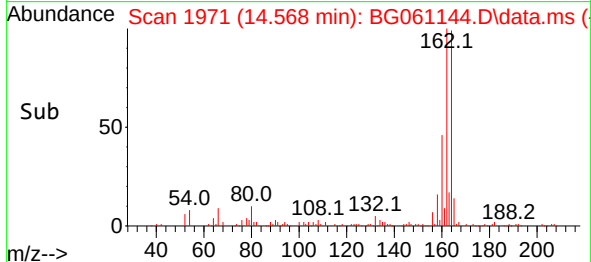
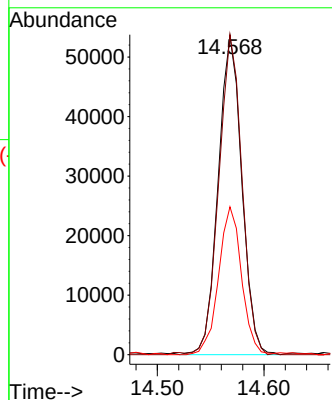
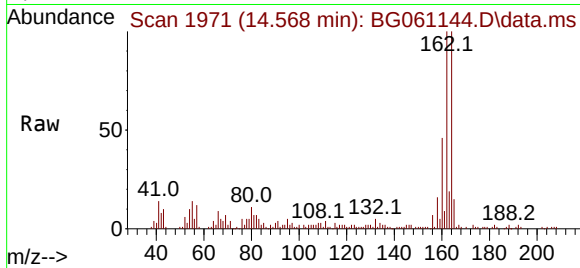




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1974
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

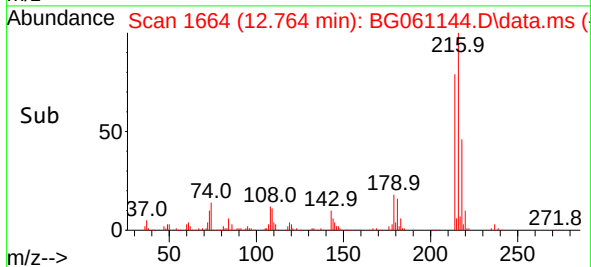
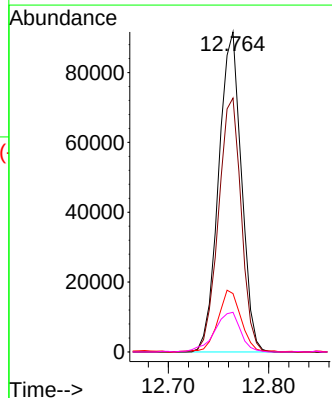
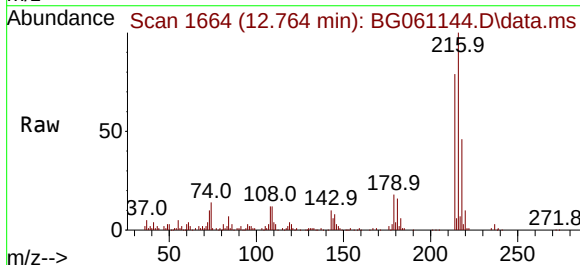
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

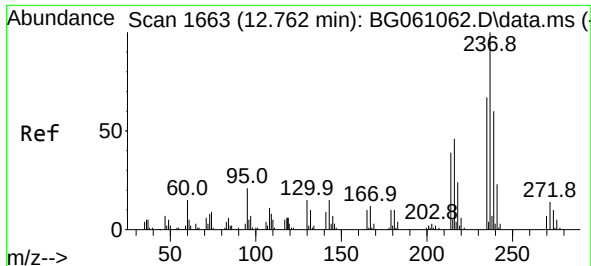
Tgt Ion:164 Resp: 82207
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 46.4 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.492 ng
RT: 12.764 min Scan# 1664
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

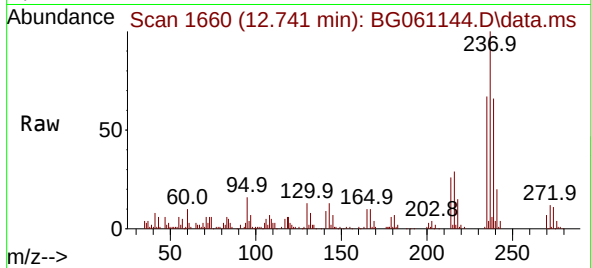
Tgt Ion:216 Resp: 144012
Ion Ratio Lower Upper
216 100
214 79.2 64.2 96.2
179 19.7 15.4 23.2
108 14.3 11.1 16.7



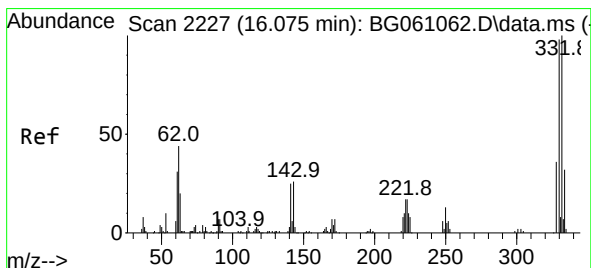
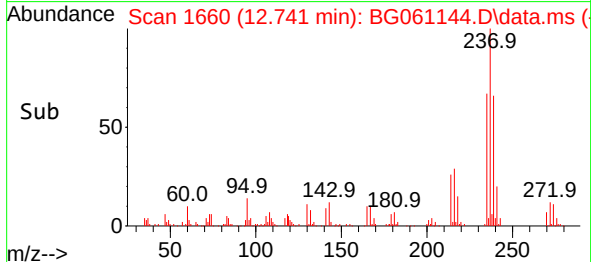
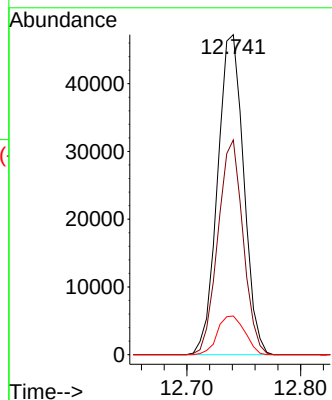


#41
Hexachlorocyclopentadiene
Concen: 71.783 ng
RT: 12.741 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Instrument :
BNA_G
ClientSampleId :
BIN-1MS

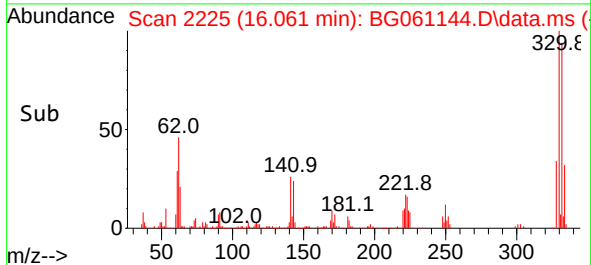
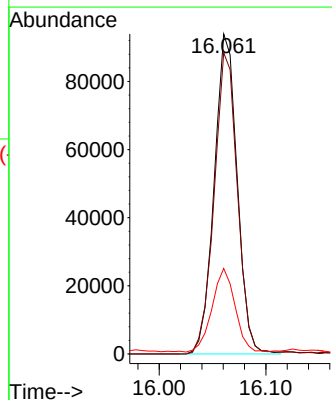
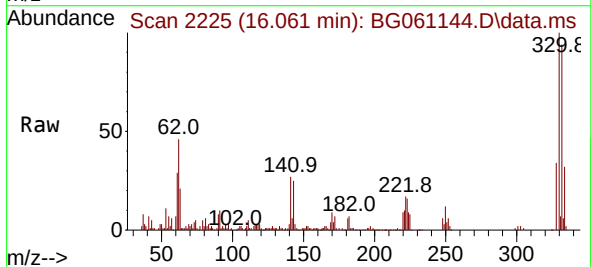


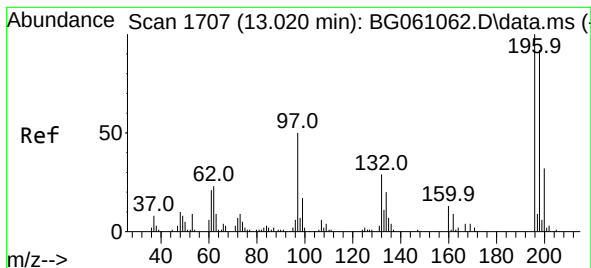
Tgt Ion:237 Resp: 75390
Ion Ratio Lower Upper
237 100
235 67.1 46.5 86.5
272 12.1 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 85.316 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:330 Resp: 140189
Ion Ratio Lower Upper
330 100
332 95.8 78.6 117.8
141 26.0 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 47.437 ng

RT: 13.005 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

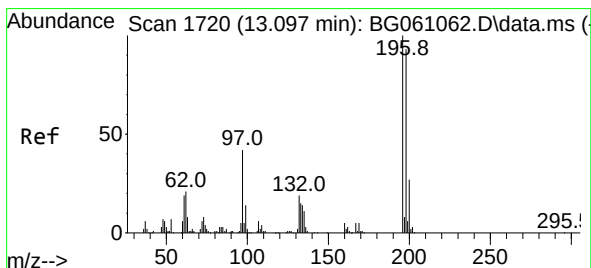
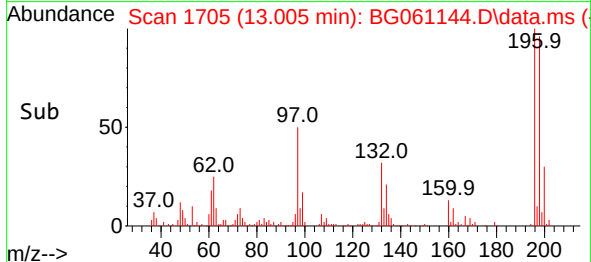
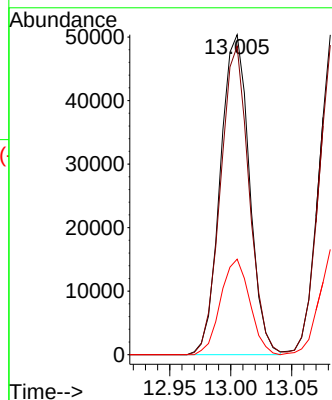
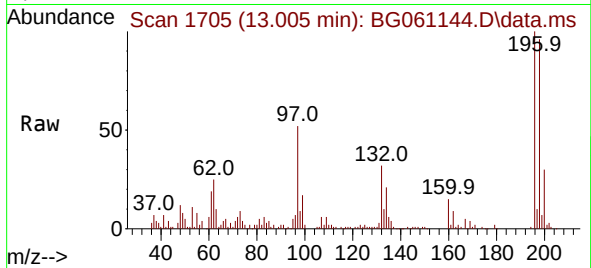
Tgt Ion:196 Resp: 83553

Ion Ratio Lower Upper

196 100

198 96.4 73.8 110.6

200 29.8 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.063 ng

RT: 13.082 min Scan# 1718

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Tgt Ion:196 Resp: 87836

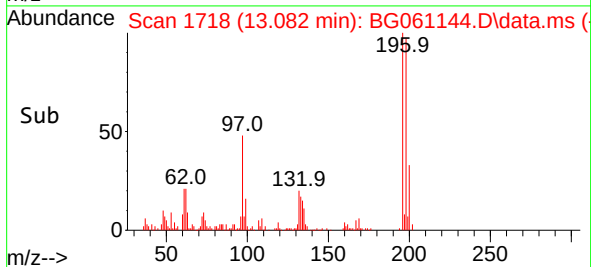
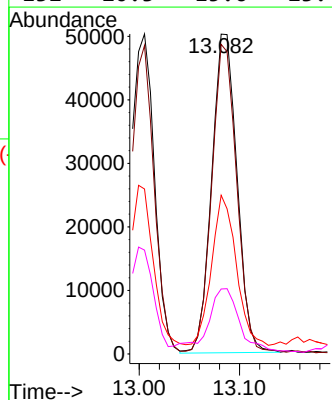
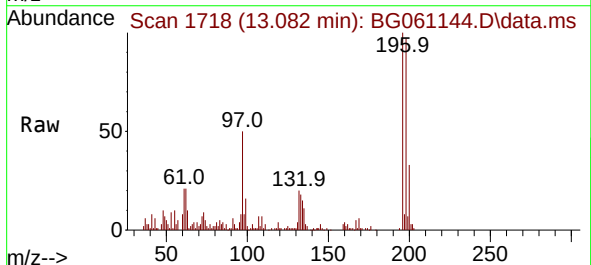
Ion Ratio Lower Upper

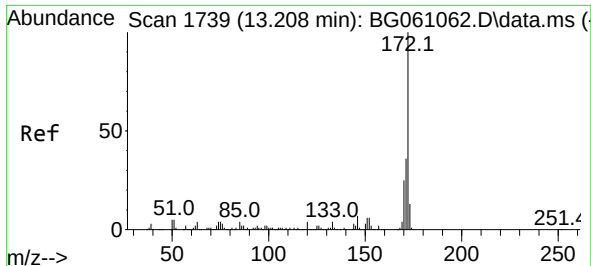
196 100

198 96.8 74.3 111.5

97 49.6 33.6 50.4

132 20.3 15.6 23.4

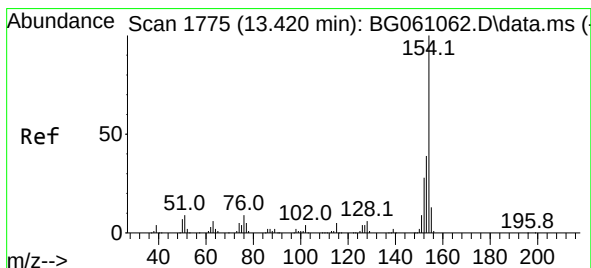
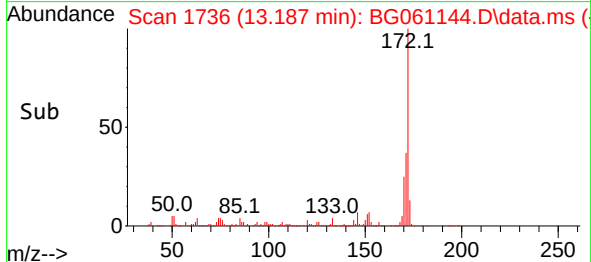
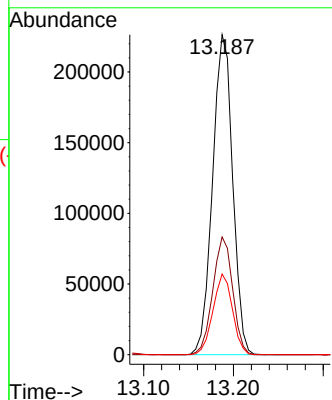
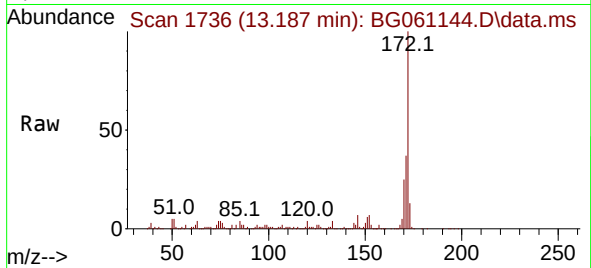




#45
2-Fluorobiphenyl
Concen: 63.139 ng
RT: 13.187 min Scan# 1736
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

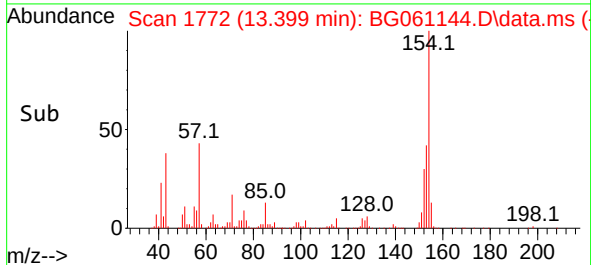
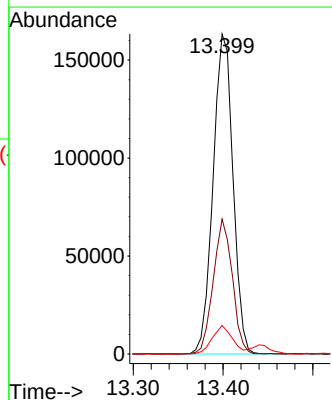
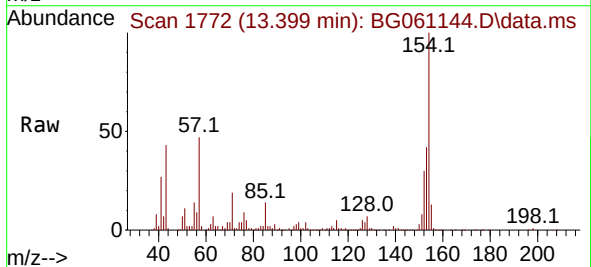
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

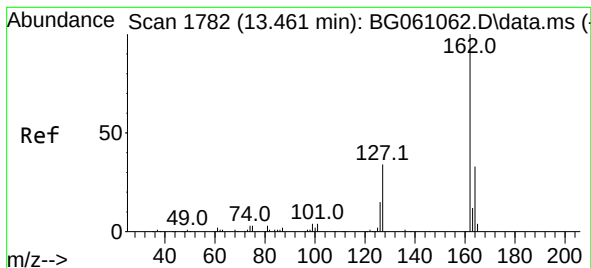
Tgt Ion:172 Resp: 351011
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.6
170 25.2 20.2 30.4



#46
1,1'-Biphenyl
Concen: 47.628 ng
RT: 13.399 min Scan# 1772
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:154 Resp: 251049
Ion Ratio Lower Upper
154 100
153 42.1 19.3 59.3
76 8.9 0.0 28.8

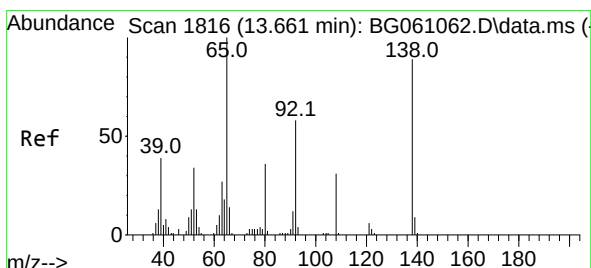
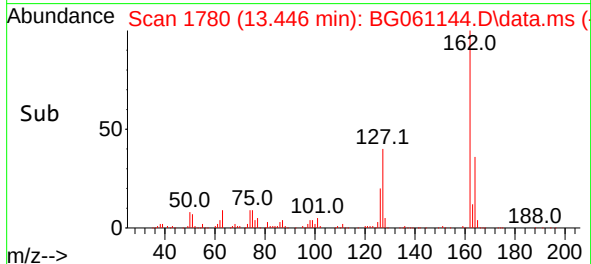
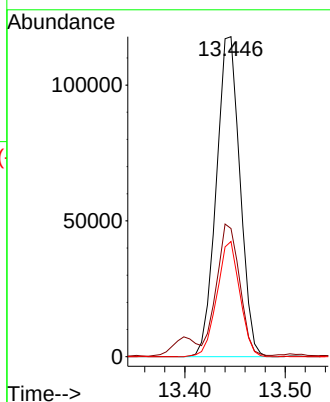
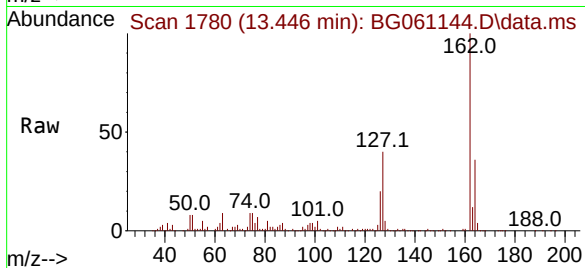




#47
2-Chloronaphthalene
Concen: 45.672 ng
RT: 13.446 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

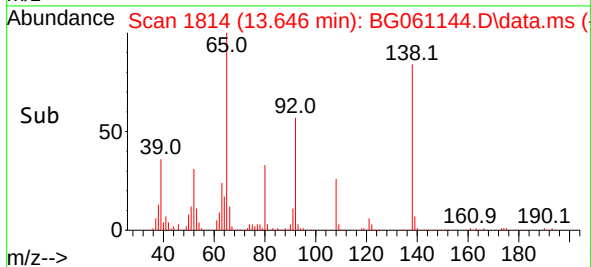
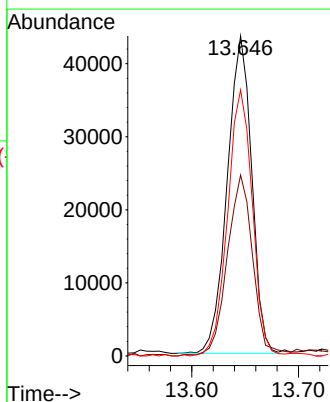
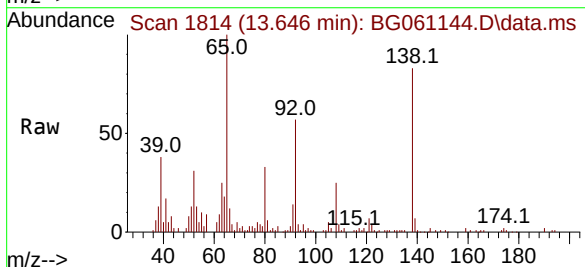
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

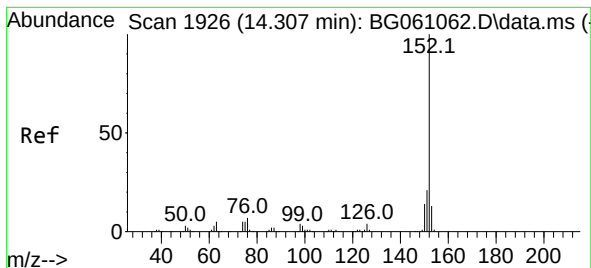
Tgt Ion:162 Resp: 192768
Ion Ratio Lower Upper
162 100
127 40.1 30.7 46.1
164 36.0 26.8 40.2



#48
2-Nitroaniline
Concen: 44.151 ng
RT: 13.646 min Scan# 1814
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion: 65 Resp: 69150
Ion Ratio Lower Upper
65 100
92 56.6 46.7 70.1
138 83.2 71.4 107.2





#49

Acenaphthylene

Concen: 47.230 ng

RT: 14.292 min Scan# 1924

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

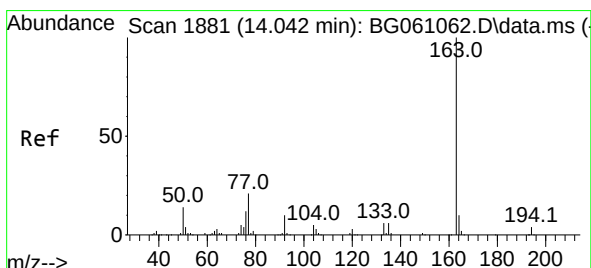
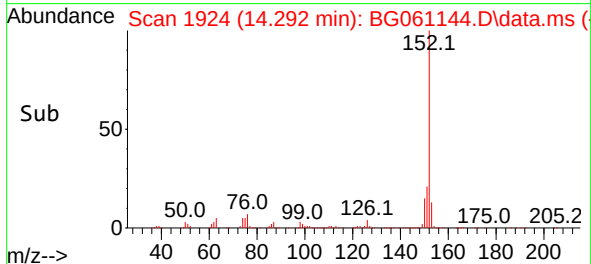
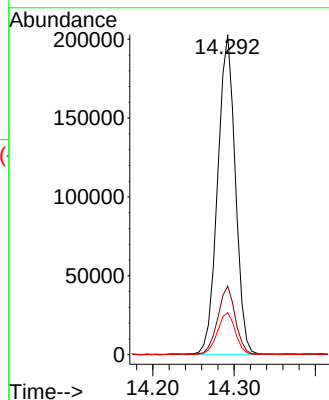
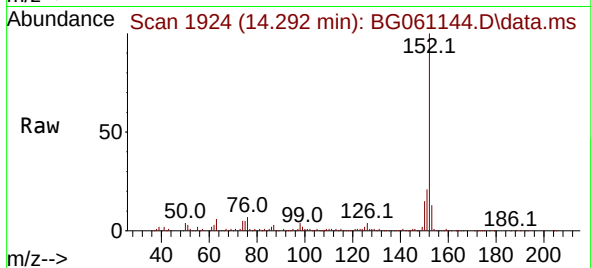
Tgt Ion:152 Resp: 306175

Ion Ratio Lower Upper

152 100

151 21.4 16.9 25.3

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 40.407 ng

RT: 14.028 min Scan# 1879

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

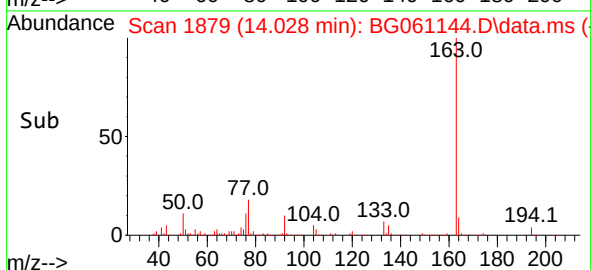
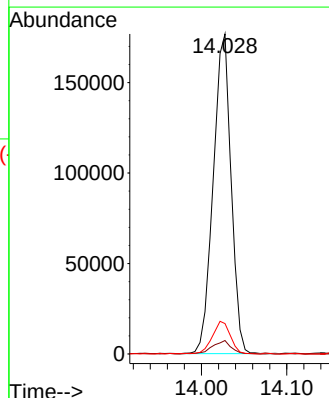
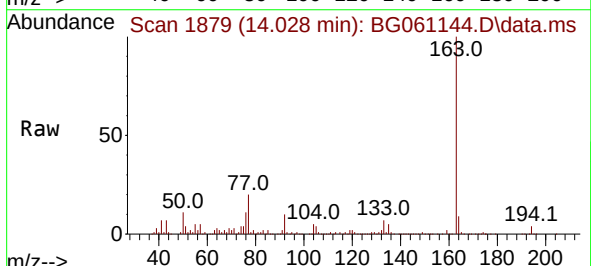
Tgt Ion:163 Resp: 256567

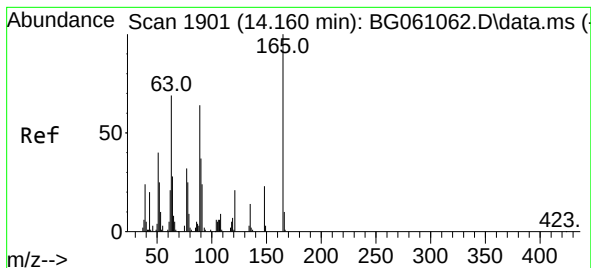
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 9.5 7.8 11.8

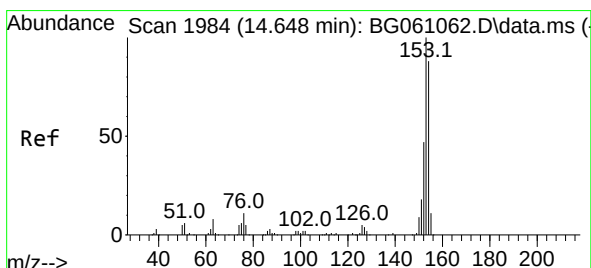
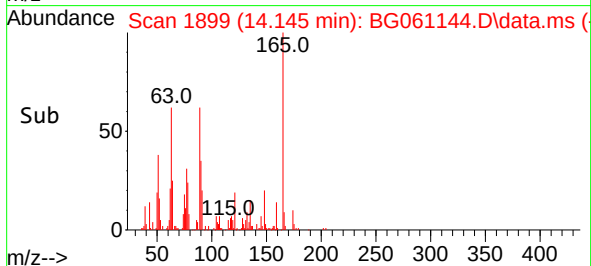
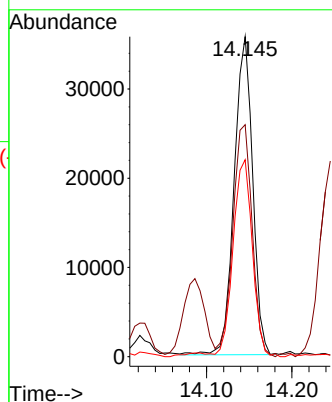
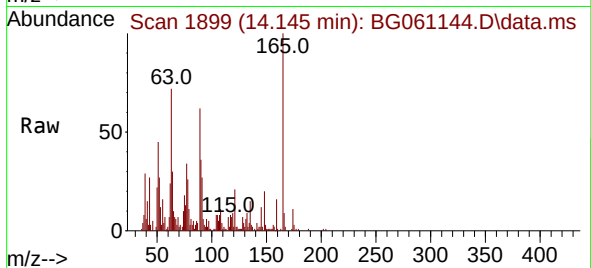




#51
2,6-Dinitrotoluene
Concen: 39.545 ng
RT: 14.145 min Scan# 1899
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

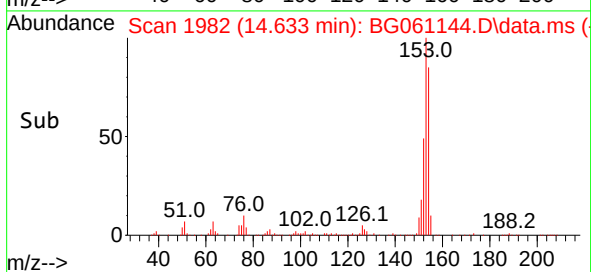
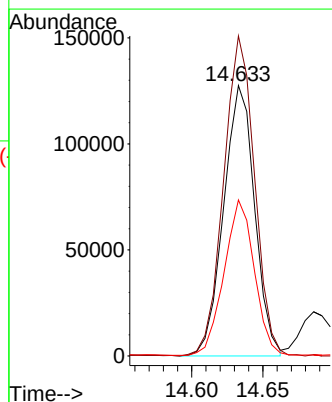
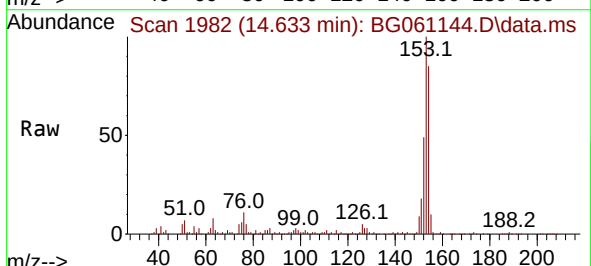
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

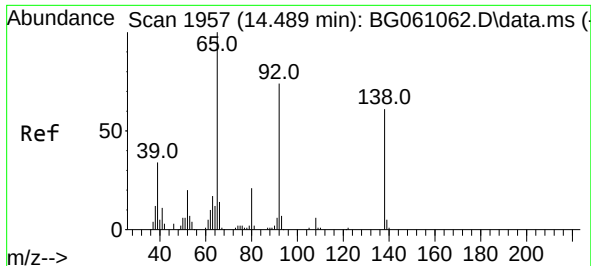
Tgt Ion:165 Resp: 53709
Ion Ratio Lower Upper
165 100
63 72.5 60.0 90.0
89 61.6 50.9 76.3



#52
Acenaphthene
Concen: 47.896 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:154 Resp: 193694
Ion Ratio Lower Upper
154 100
153 118.3 91.0 136.4
152 57.7 43.1 64.7

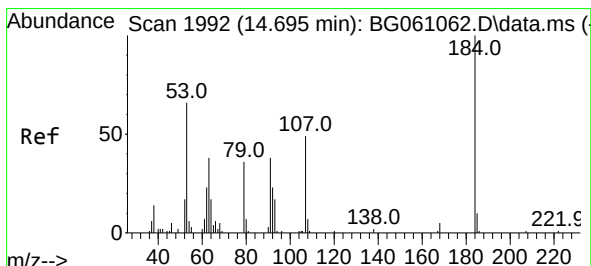
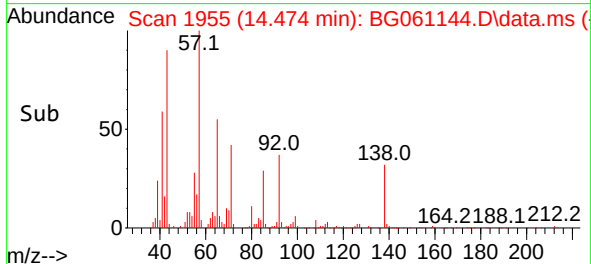
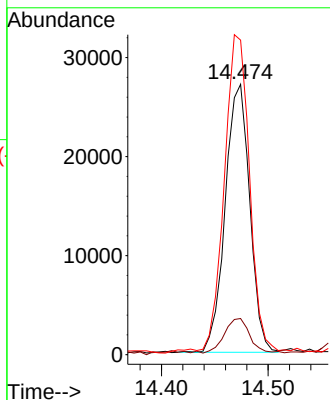
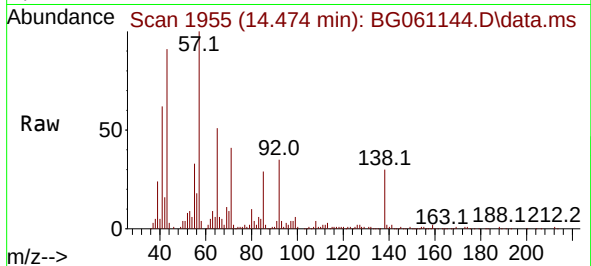




#53
3-Nitroaniline
Concen: 34.931 ng
RT: 14.474 min Scan# 1955
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

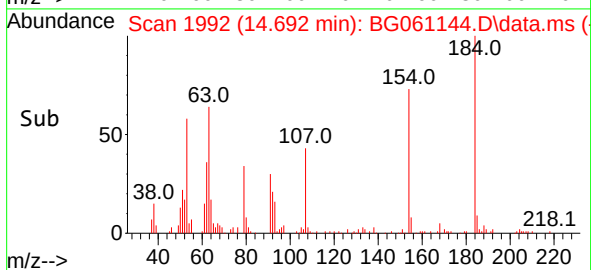
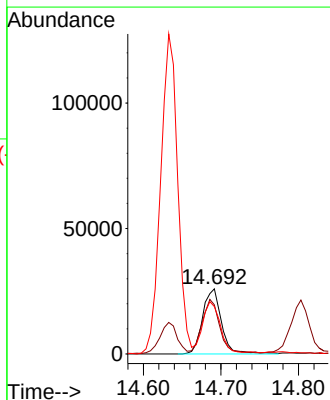
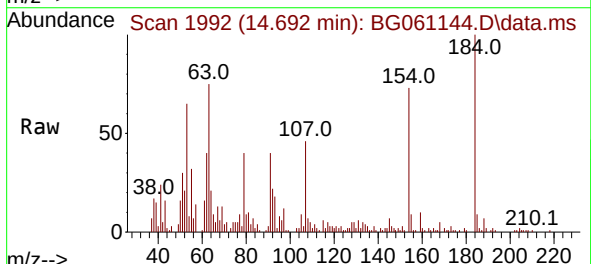
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

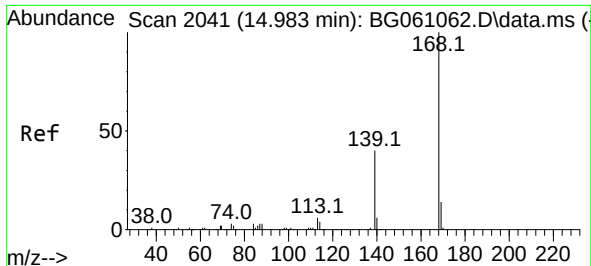
Tgt Ion:138 Resp: 43409
Ion Ratio Lower Upper
138 100
108 13.3 8.2 12.2#
92 116.3 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 46.457 ng
RT: 14.692 min Scan# 1992
Delta R.T. -0.003 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:184 Resp: 43810
Ion Ratio Lower Upper
184 100
63 75.3 62.6 93.8
154 72.8 61.4 92.0

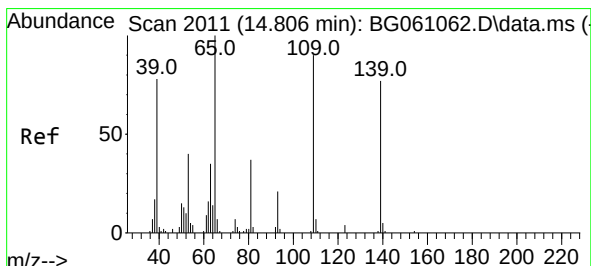
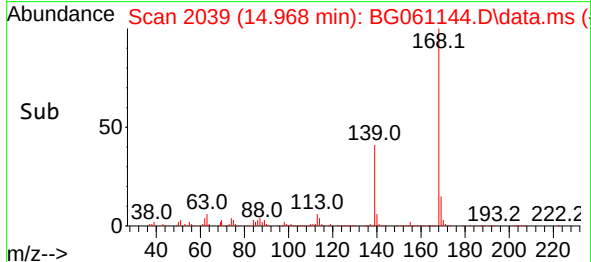
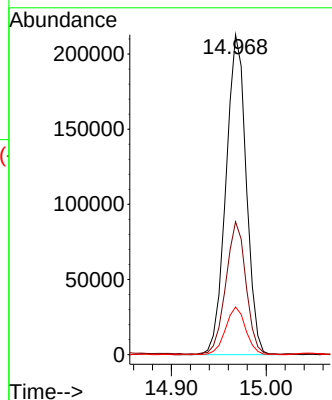
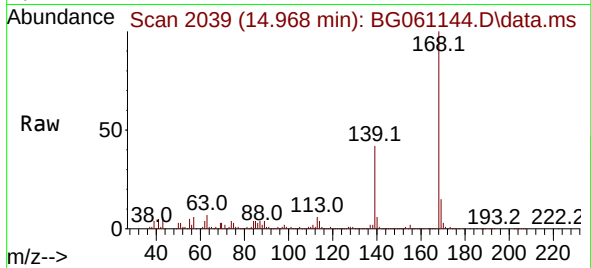




#55
Dibenzofuran
Concen: 46.304 ng
RT: 14.968 min Scan# 2041
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

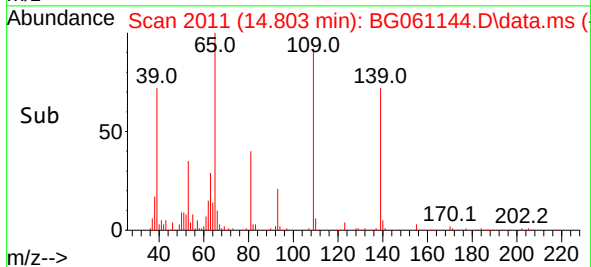
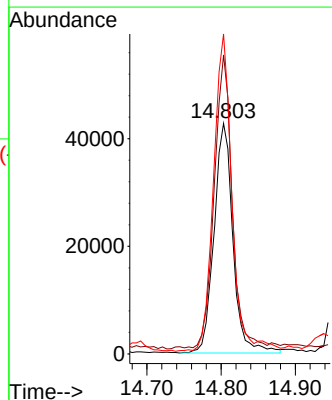
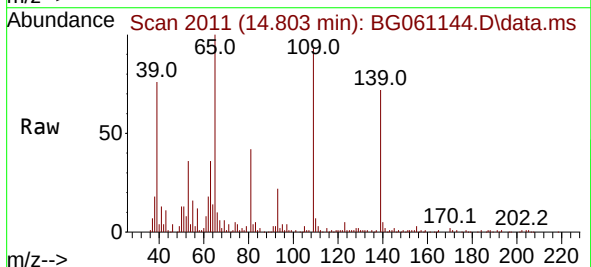
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

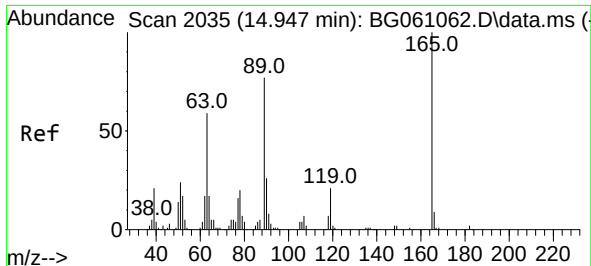
Tgt Ion:168 Resp: 316287
Ion Ratio Lower Upper
168 100
139 41.6 32.2 48.4
169 14.9 11.4 17.2



#56
4-Nitrophenol
Concen: 75.341 ng
RT: 14.803 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:139 Resp: 75665
Ion Ratio Lower Upper
139 100
109 129.7 97.7 137.7
65 138.8 110.7 150.7

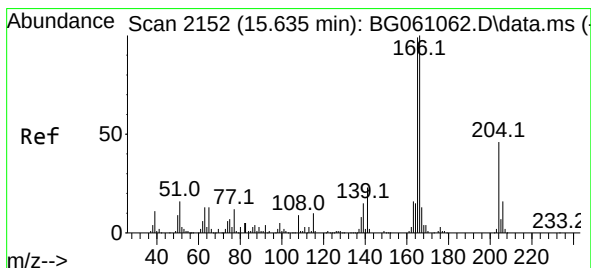
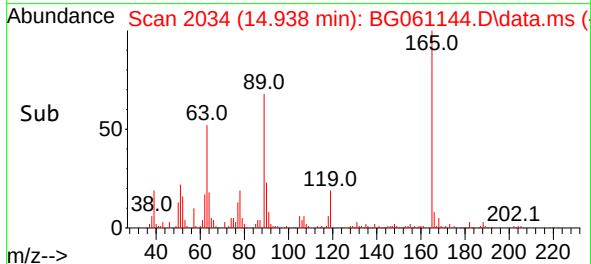
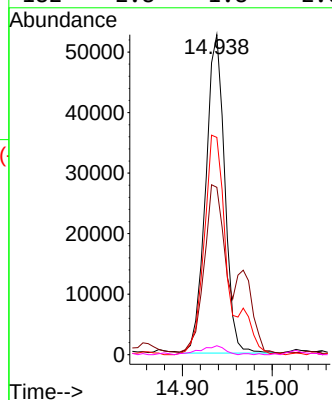
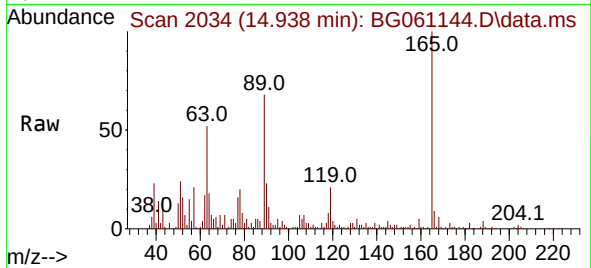




#57
2,4-Dinitrotoluene
Concen: 38.574 ng
RT: 14.938 min Scan# 2034
Delta R.T. -0.009 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

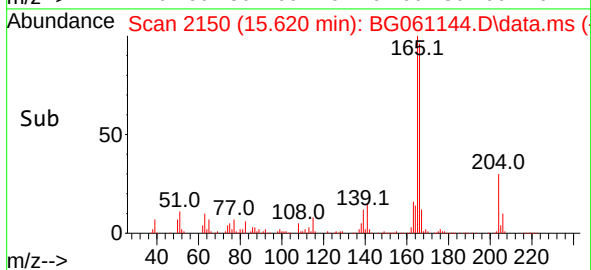
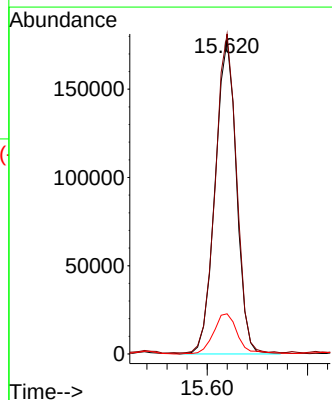
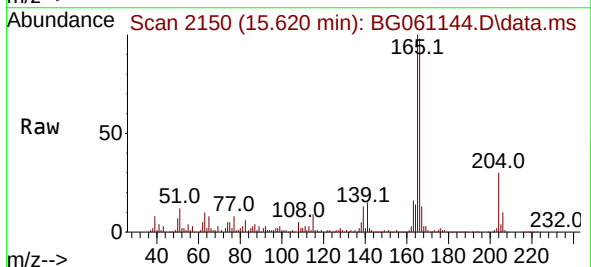
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

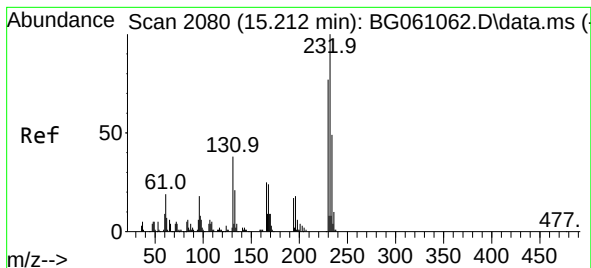
Tgt Ion:165 Resp: 77509
Ion Ratio Lower Upper
165 100
63 52.3 47.3 70.9
89 67.9 61.8 92.8
182 2.8 1.8 2.6#



#58
Fluorene
Concen: 44.327 ng
RT: 15.620 min Scan# 2150
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:166 Resp: 262006
Ion Ratio Lower Upper
166 100
165 102.0 78.9 118.3
167 12.8 10.6 15.8

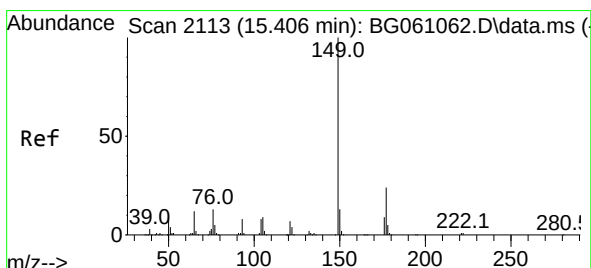
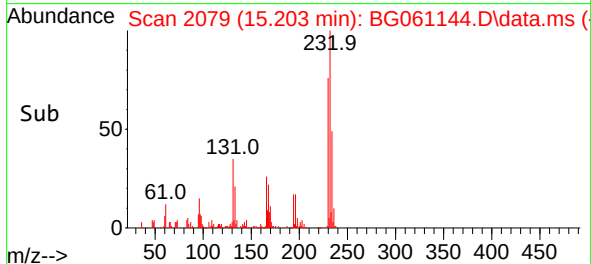
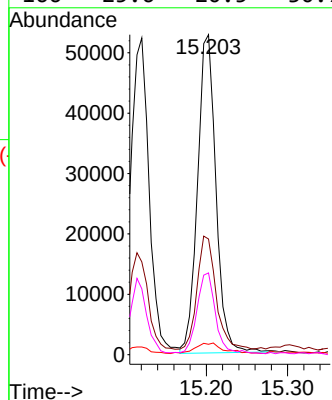
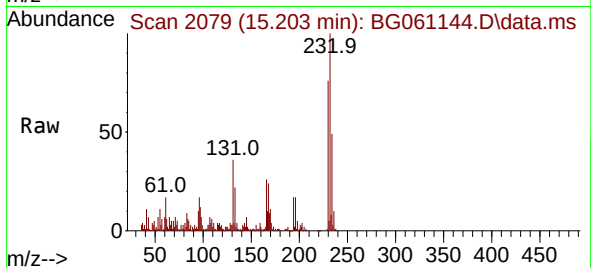




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.472 ng
RT: 15.203 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

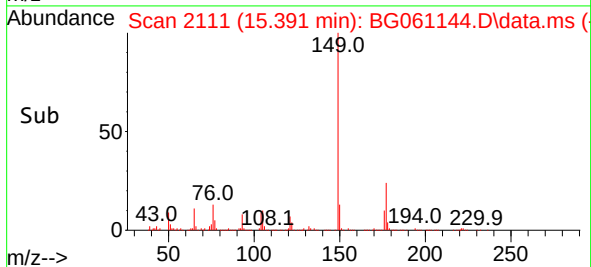
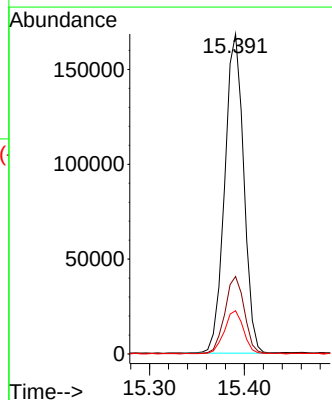
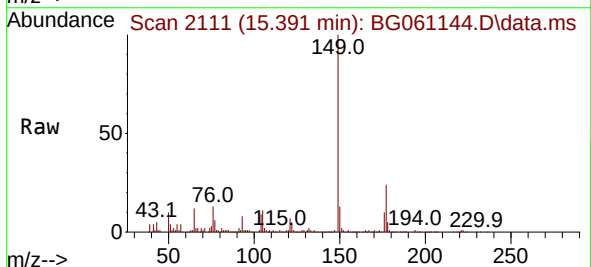
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

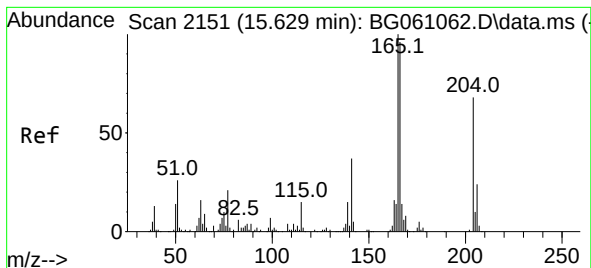
Tgt Ion:232 Resp: 83051
Ion Ratio Lower Upper
232 100
131 37.4 27.0 40.4
130 5.1 1.7 2.5#
166 25.6 20.5 30.7



#60
Diethylphthalate
Concen: 36.652 ng
RT: 15.391 min Scan# 2111
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:149 Resp: 234687
Ion Ratio Lower Upper
149 100
177 24.2 19.1 28.7
150 13.5 10.6 16.0

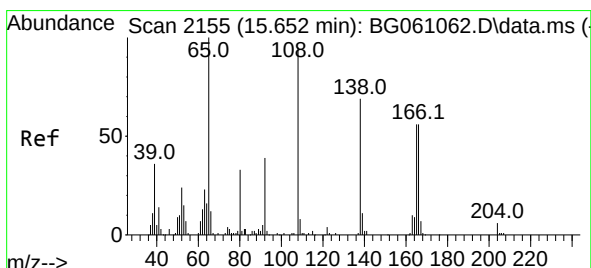
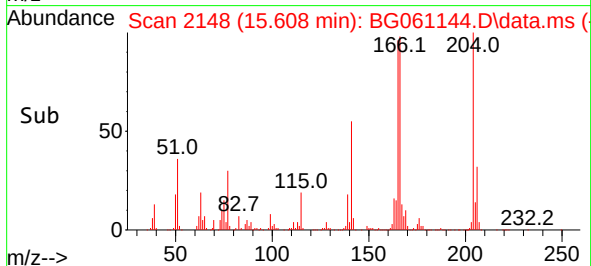
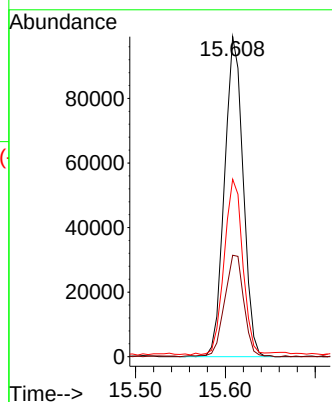
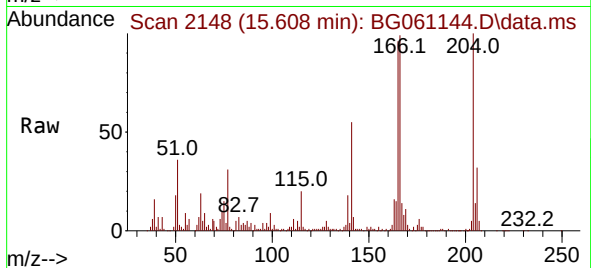




#61
4-Chlorophenyl-phenylether
Concen: 40.160 ng
RT: 15.608 min Scan# 2151
Delta R.T. -0.021 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

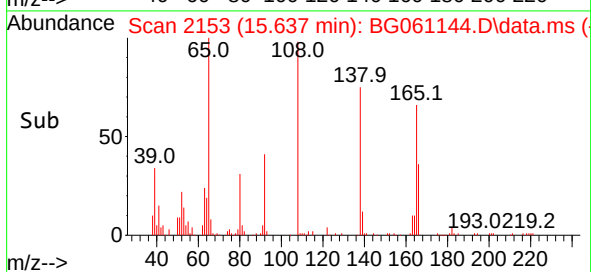
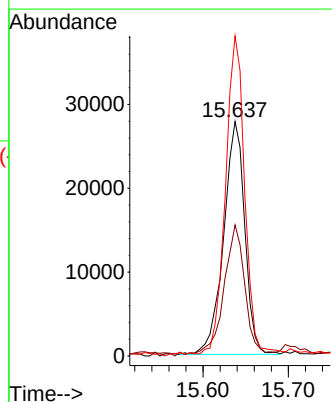
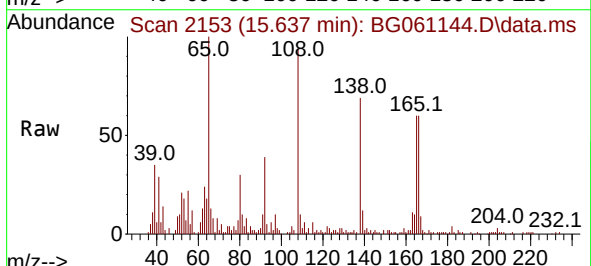
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

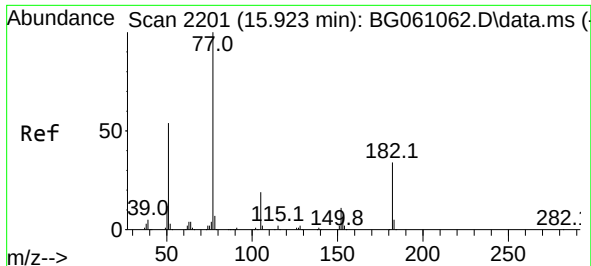
Tgt Ion:204 Resp: 142532
Ion Ratio Lower Upper
204 100
206 31.7 27.8 41.6
141 55.5 42.9 64.3



#62
4-Nitroaniline
Concen: 35.496 ng
RT: 15.637 min Scan# 2153
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:138 Resp: 47842
Ion Ratio Lower Upper
138 100
92 55.9 35.5 75.5
108 136.5 116.2 156.2

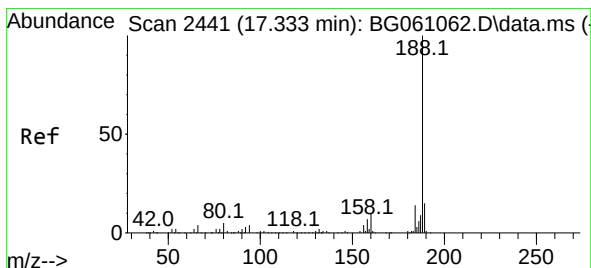
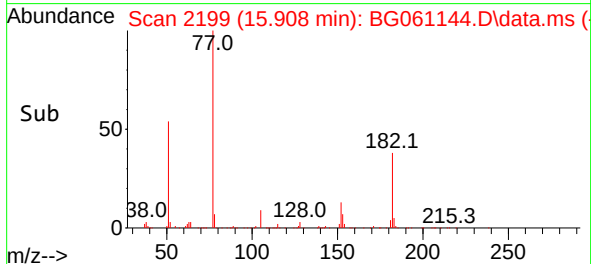
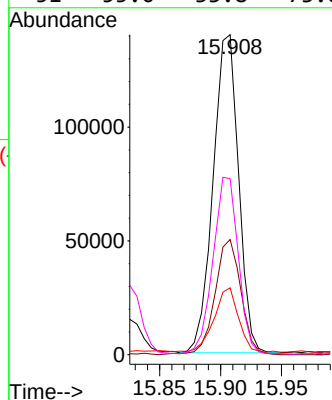
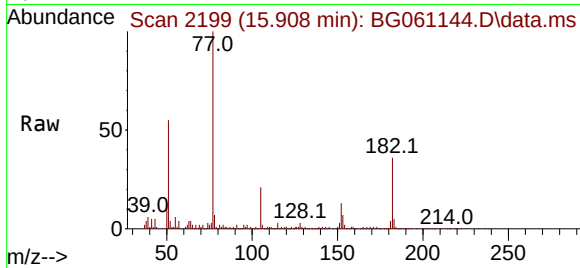




#63
Azobenzene
Concen: 40.716 ng
RT: 15.908 min Scan# 2199
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

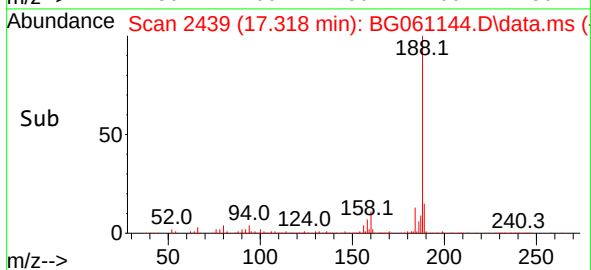
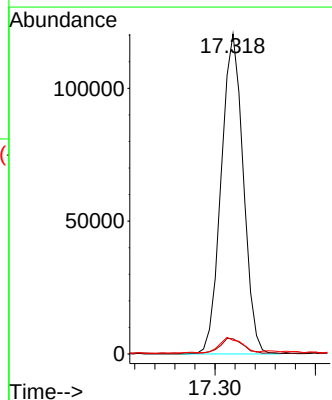
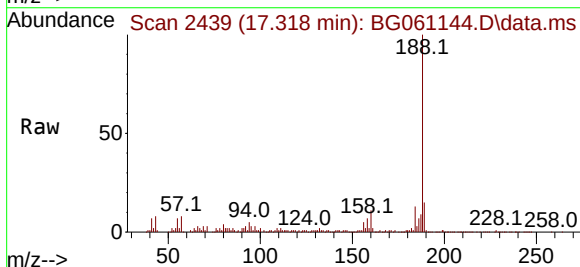
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

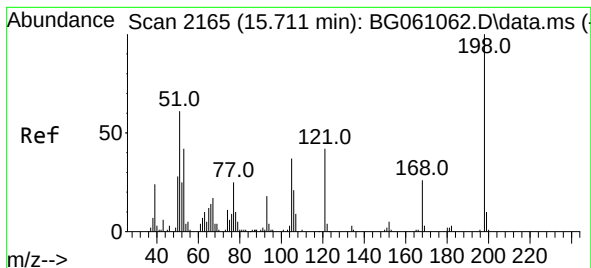
Tgt Ion: 77	Resp: 202950
Ion Ratio	Lower Upper
77 100	
182 36.0	13.5 53.5
105 20.9	0.0 39.3
51 55.0	33.8 73.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:188	Resp: 183746
Ion Ratio	Lower Upper
188 100	
94 4.7	3.6 5.4
80 4.3	4.2 6.2

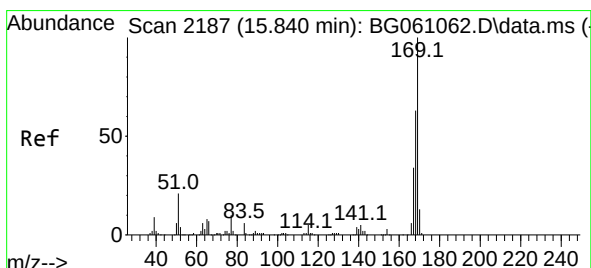
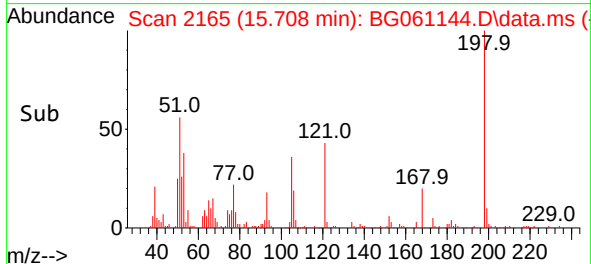
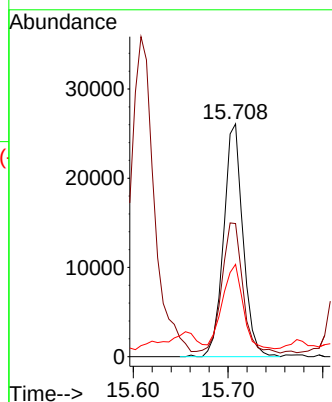
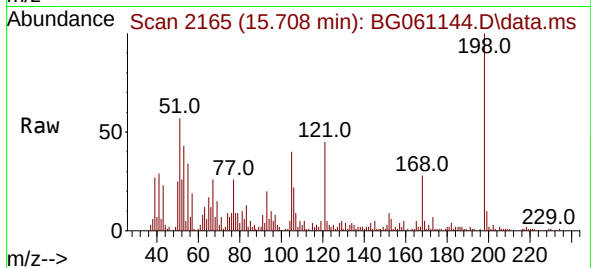




#65
4,6-Dinitro-2-methylphenol
Concen: 32.407 ng
RT: 15.708 min Scan# 2165
Delta R.T. -0.003 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

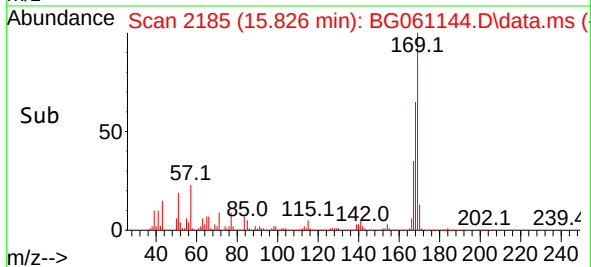
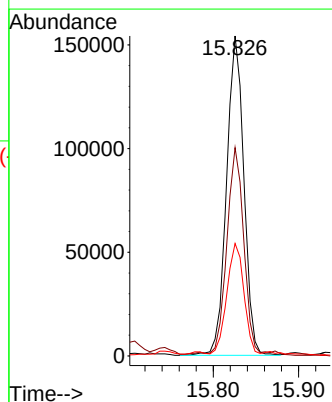
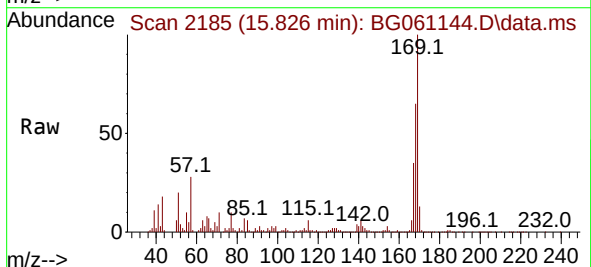
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

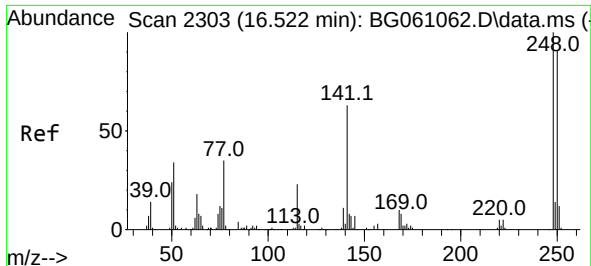
Tgt Ion:198 Resp: 36946
Ion Ratio Lower Upper
198 100
51 57.2 41.2 81.2
105 39.6 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 47.669 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:169 Resp: 217207
Ion Ratio Lower Upper
169 100
168 65.1 50.6 75.8
167 35.2 27.4 41.2

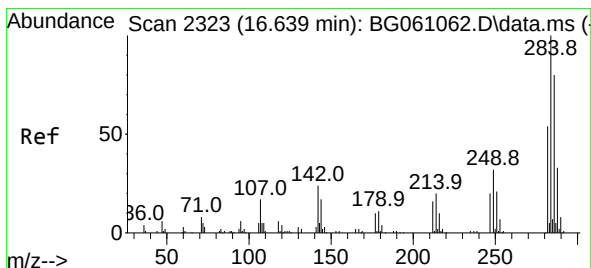
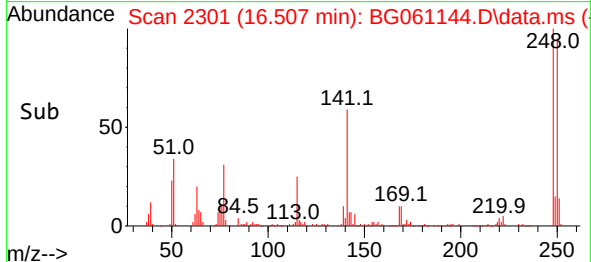
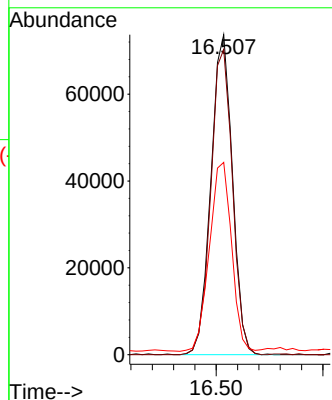
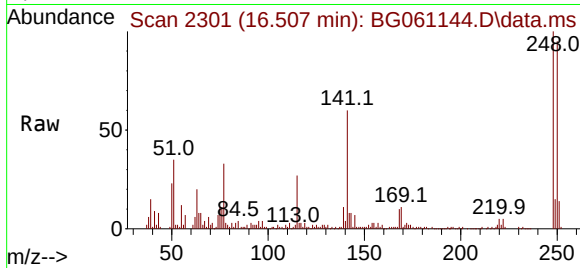




#67
4-Bromophenyl-phenylether
Concen: 47.569 ng
RT: 16.507 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

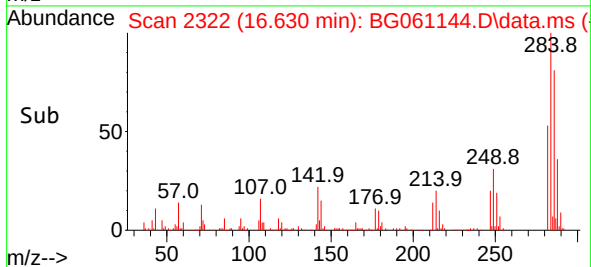
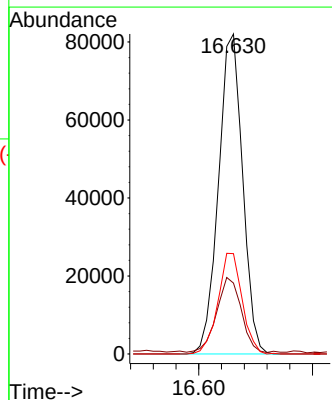
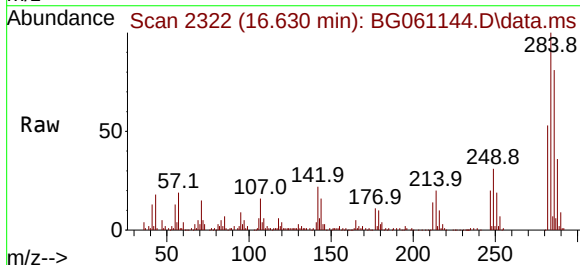
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

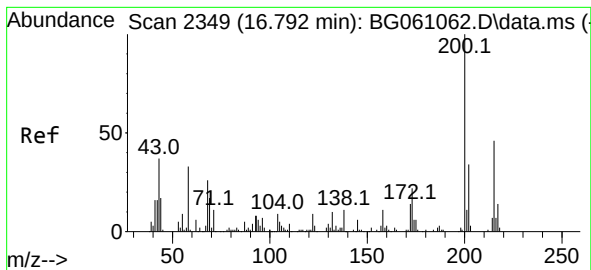
Tgt Ion:248 Resp: 102965
Ion Ratio Lower Upper
248 100
250 95.4 73.0 109.4
141 60.1 50.8 76.2



#68
Hexachlorobenzene
Concen: 44.821 ng
RT: 16.630 min Scan# 2322
Delta R.T. -0.009 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:284 Resp: 120753
Ion Ratio Lower Upper
284 100
142 22.2 19.2 28.8
249 31.4 25.4 38.2





#69

Atrazine

Concen: 48.713 ng

RT: 16.777 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

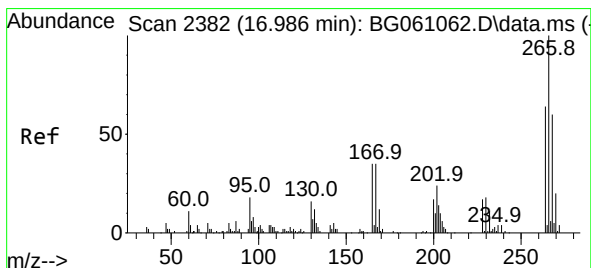
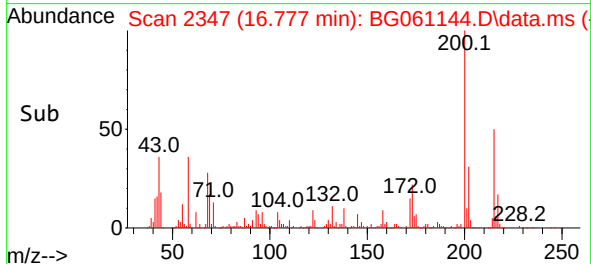
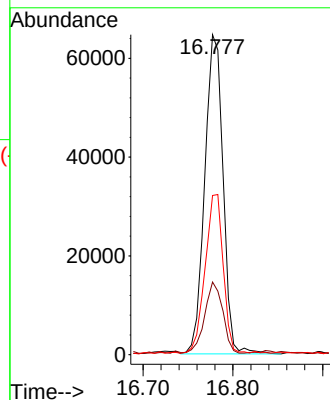
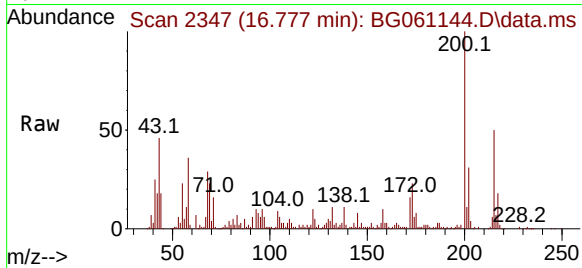
Tgt Ion:200 Resp: 91538

Ion Ratio Lower Upper

200 100

173 22.7 2.0 42.0

215 49.7 26.2 66.2



#70

Pentachlorophenol

Concen: 82.303 ng

RT: 16.977 min Scan# 2381

Delta R.T. -0.009 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

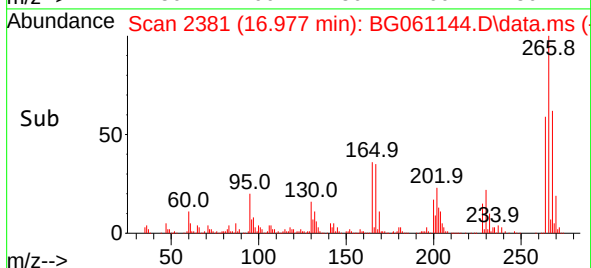
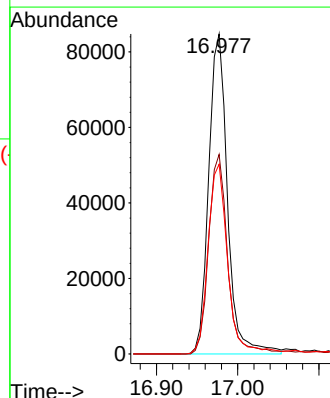
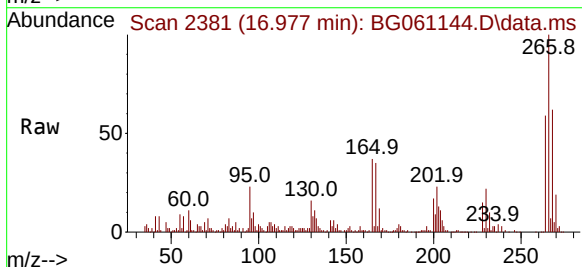
Tgt Ion:266 Resp: 136223

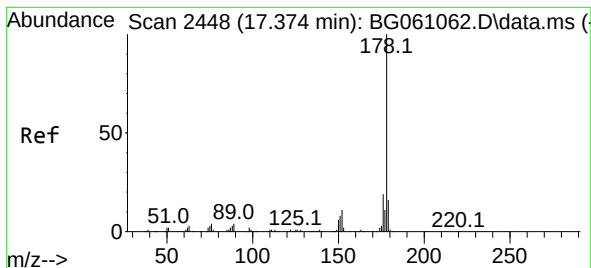
Ion Ratio Lower Upper

266 100

268 62.4 47.8 71.8

264 59.3 51.5 77.3





#71

Phenanthrene

Concen: 63.595 ng

RT: 17.359 min Scan# 2446

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

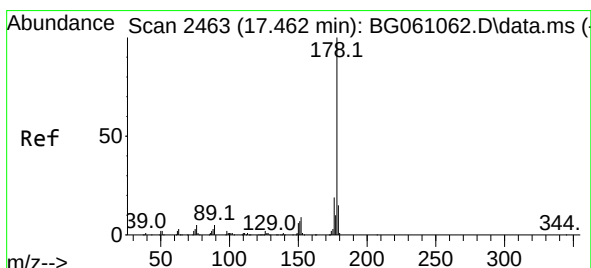
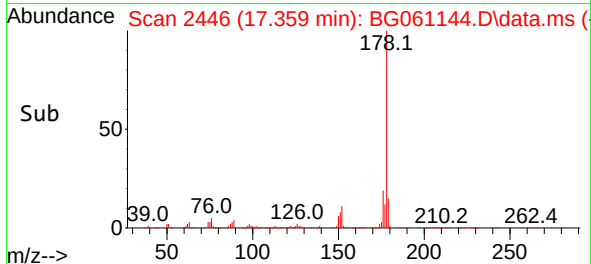
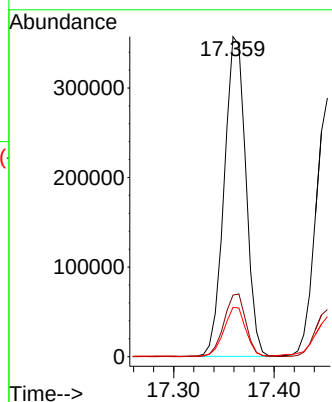
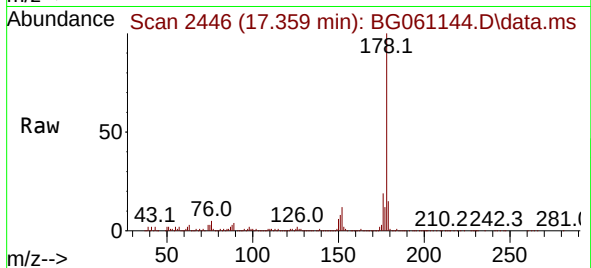
Tgt Ion:178 Resp: 534306

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.4 12.6 19.0



#72

Anthracene

Concen: 49.895 ng

RT: 17.453 min Scan# 2462

Delta R.T. -0.009 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

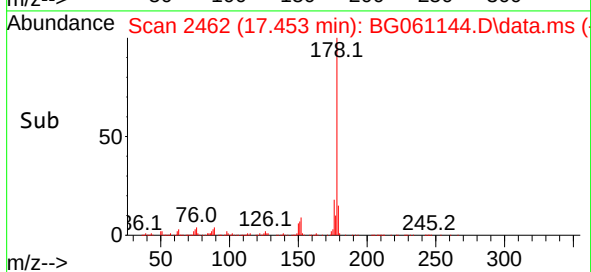
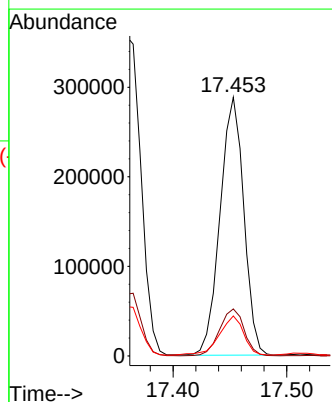
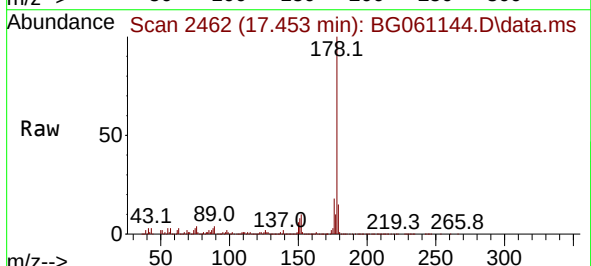
Tgt Ion:178 Resp: 418293

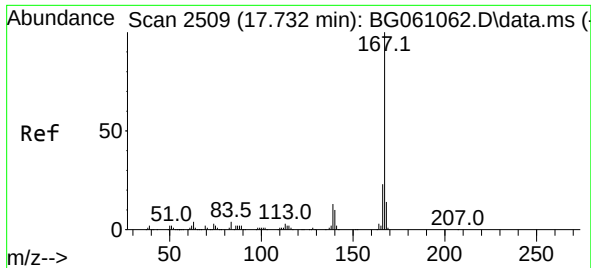
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

179 15.5 12.0 18.0



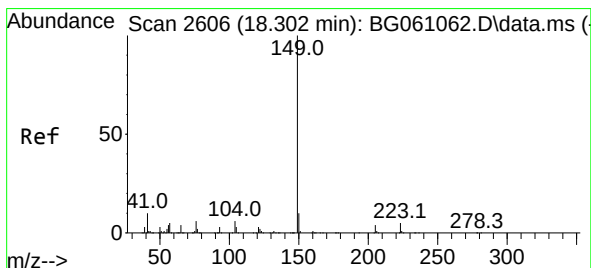
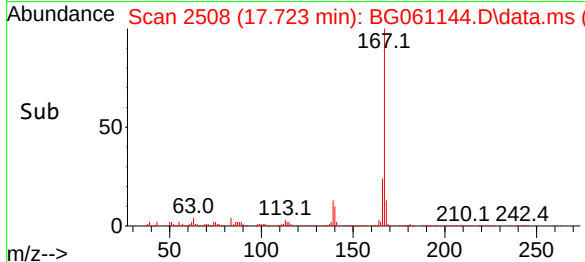
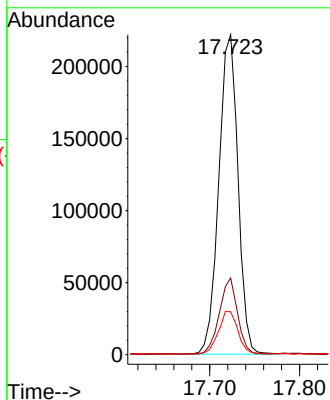
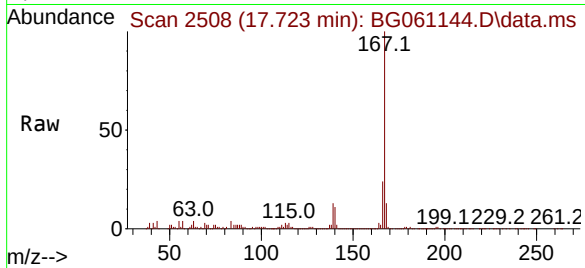


#73
 Carbazole
 Concen: 44.657 ng
 RT: 17.723 min Scan# 2508
 Delta R.T. -0.009 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

Instrument :
 BNA_G
 ClientSampleId :
 BIN-1MS

Tgt Ion:167 Resp: 329171

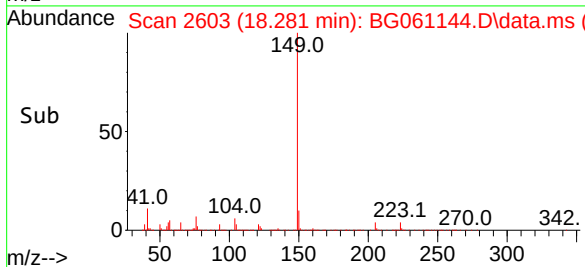
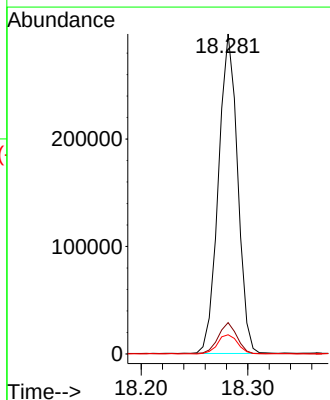
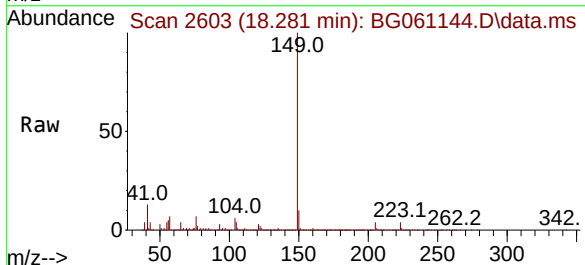
Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.7	28.1
139	13.4	10.6	15.8

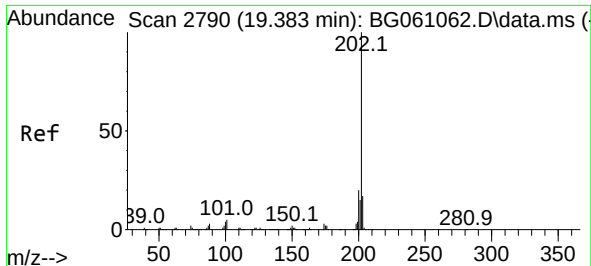


#74
 Di-n-butylphthalate
 Concen: 42.398 ng
 RT: 18.281 min Scan# 2603
 Delta R.T. -0.021 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

Tgt Ion:149 Resp: 371610

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	6.0	5.0	7.6

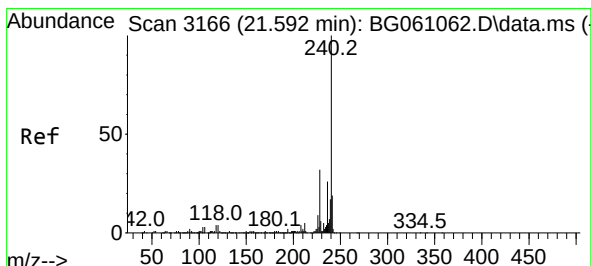
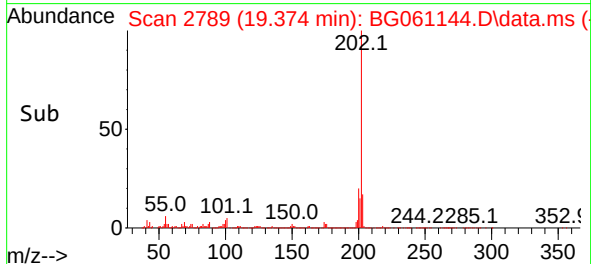
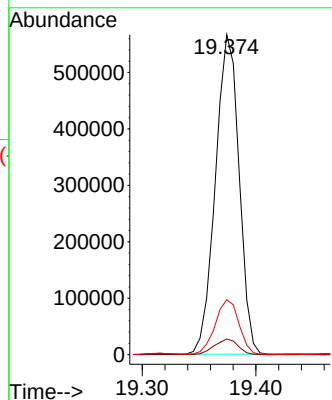
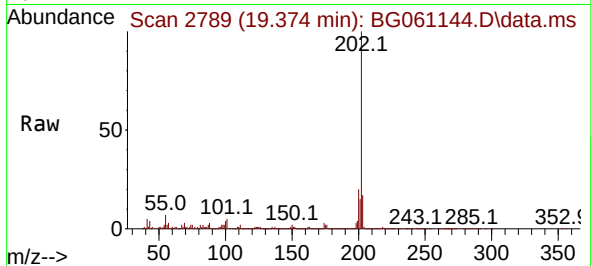




#75
Fluoranthene
Concen: 71.214 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

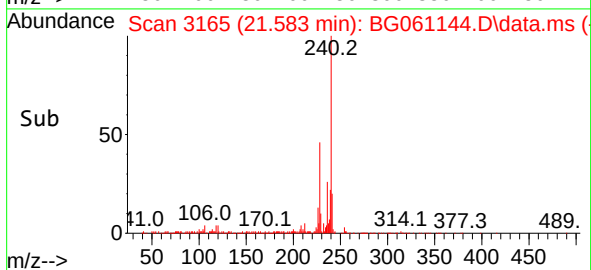
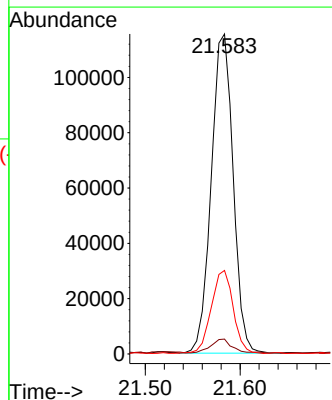
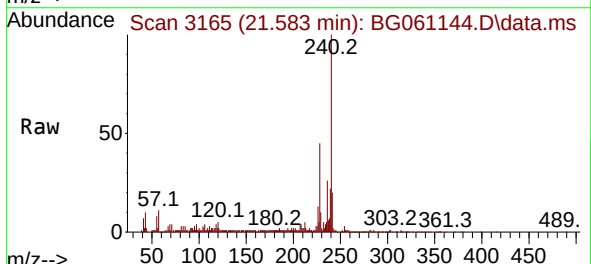
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

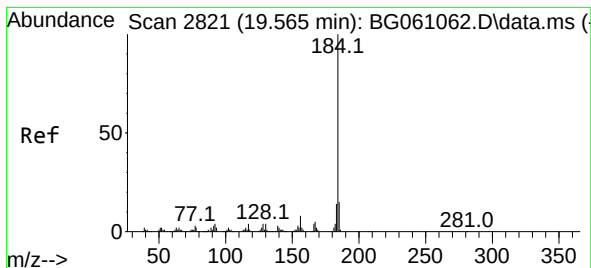
Tgt Ion:202 Resp: 819670
Ion Ratio Lower Upper
202 100
101 4.9 0.0 24.7
203 17.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3165
Delta R.T. -0.009 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:240 Resp: 185715
Ion Ratio Lower Upper
240 100
120 4.7 3.2 4.8
236 26.1 21.0 31.6





#77

Benzidine

Concen: 44.091 ng

RT: 19.551 min Scan# 2819

Delta R.T. -0.014 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

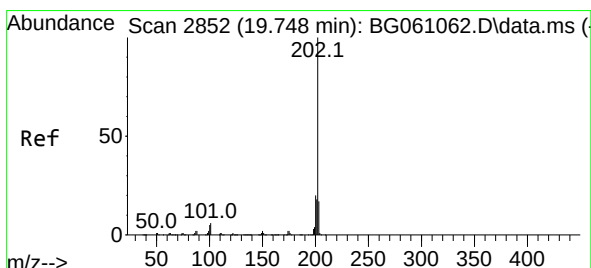
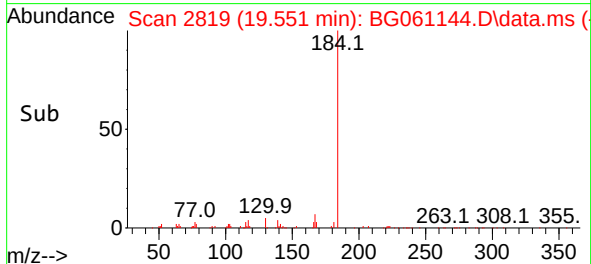
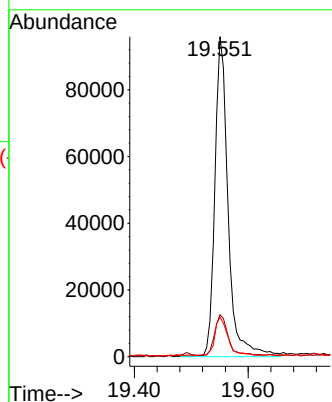
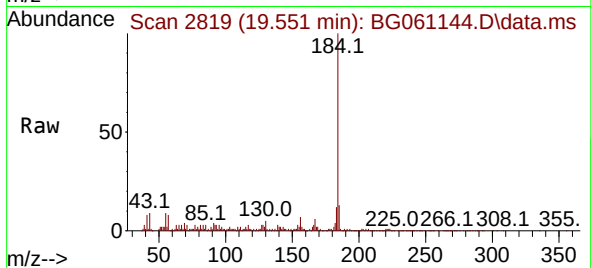
Tgt Ion:184 Resp: 154964

Ion Ratio Lower Upper

184 100

185 13.1 12.0 18.0

183 12.4 10.9 16.3



#78

Pyrene

Concen: 63.625 ng

RT: 19.739 min Scan# 2851

Delta R.T. -0.009 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

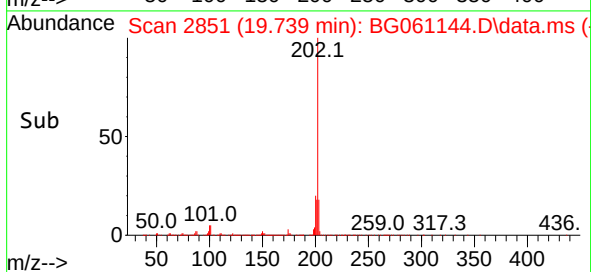
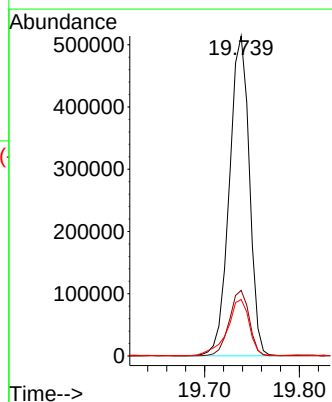
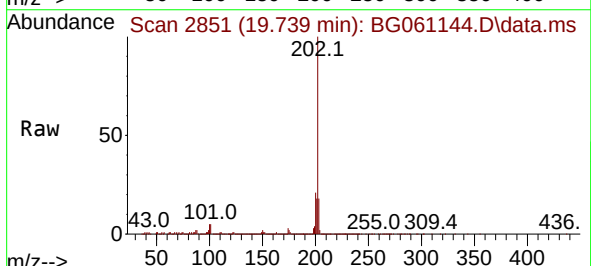
Tgt Ion:202 Resp: 751221

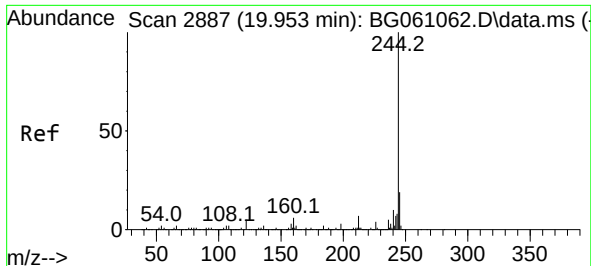
Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.4

203 17.7 13.3 19.9

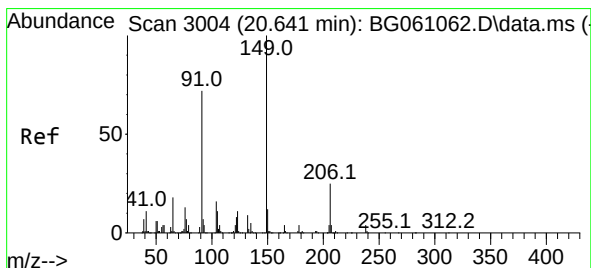
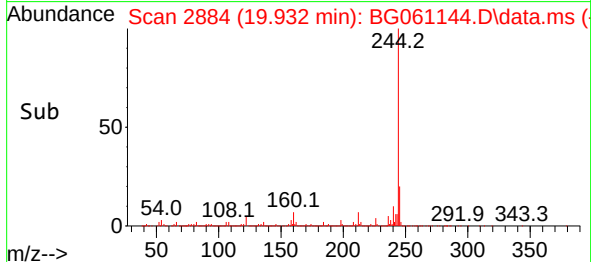
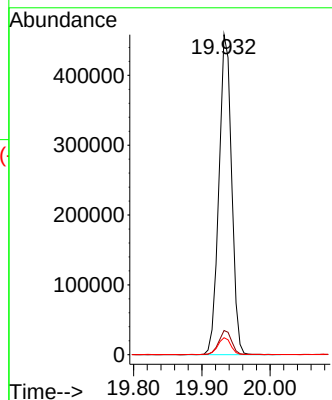
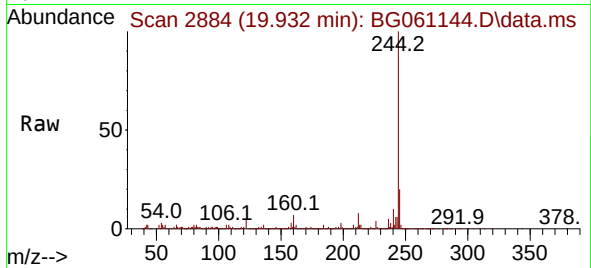




#79
 Terphenyl-d14
 Concen: 53.086 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

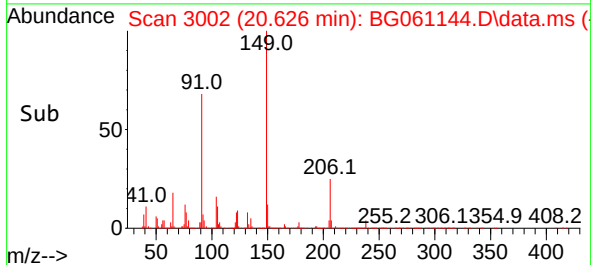
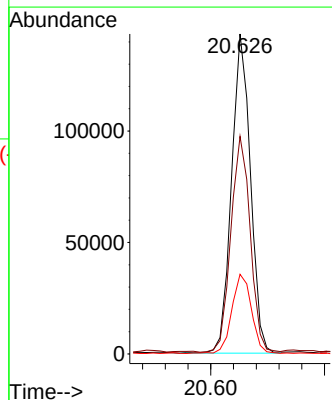
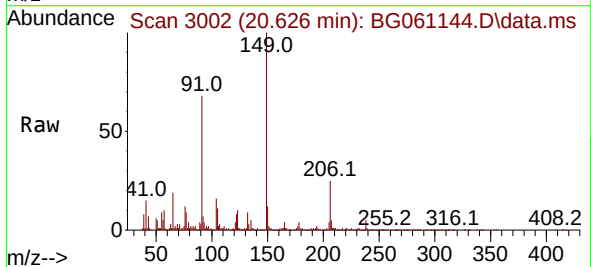
Instrument :
 BNA_G
 ClientSampleId :
 BIN-1MS

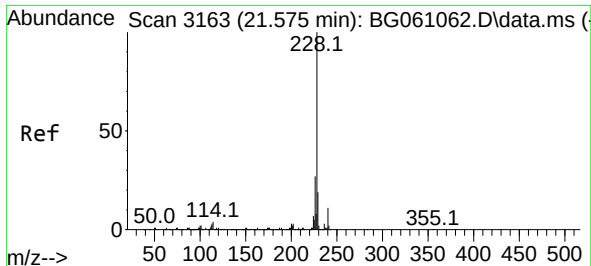
Tgt Ion:244 Resp: 592787
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.3 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 44.050 ng
 RT: 20.626 min Scan# 3002
 Delta R.T. -0.015 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

Tgt Ion:149 Resp: 164635
 Ion Ratio Lower Upper
 149 100
 91 68.0 57.4 86.2
 206 24.9 19.8 29.6

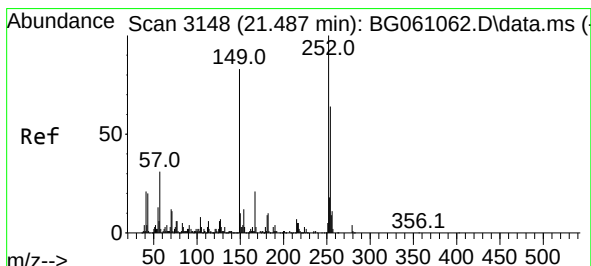
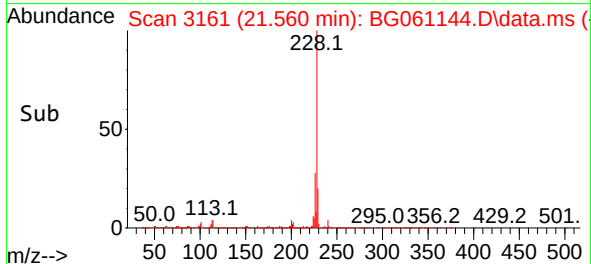
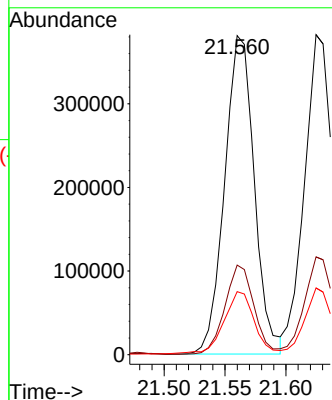
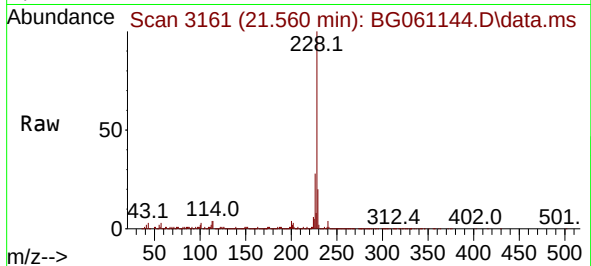




#81
Benzo(a)anthracene
Concen: 53.097 ng
RT: 21.560 min Scan# 3161
Delta R.T. -0.015 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

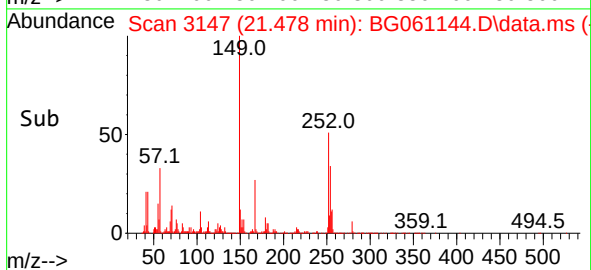
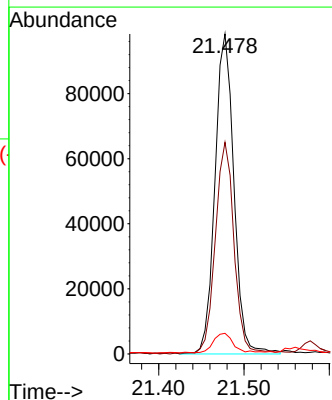
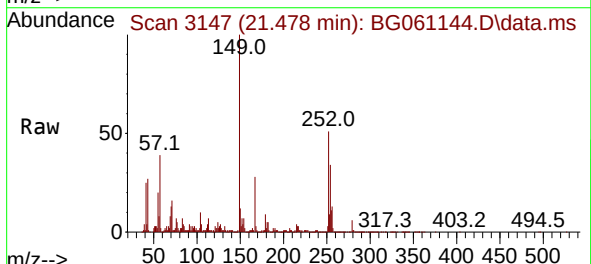
Instrument :
BNA_G
ClientSampleId :
BIN-1MS

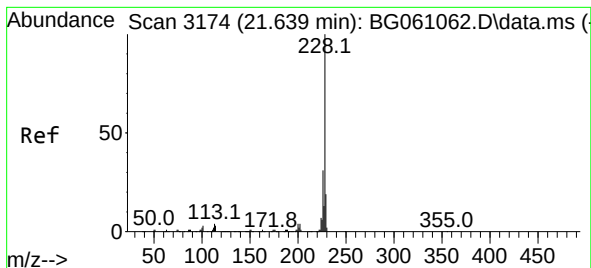
Tgt Ion:228 Resp: 645271
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 19.7 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 34.701 ng
RT: 21.478 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG061144.D
Acq: 8 May 2024 16:30

Tgt Ion:252 Resp: 151763
Ion Ratio Lower Upper
252 100
254 66.1 51.3 76.9
126 6.4 5.2 7.8





#83

Chrysene

Concen: 53.273 ng

RT: 21.625 min Scan# 3172

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

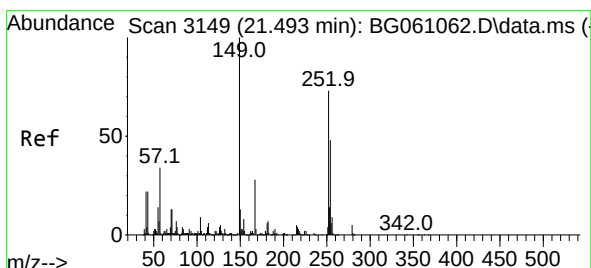
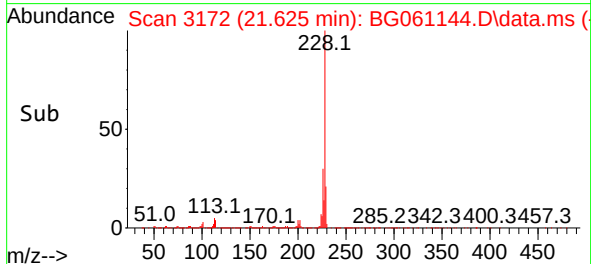
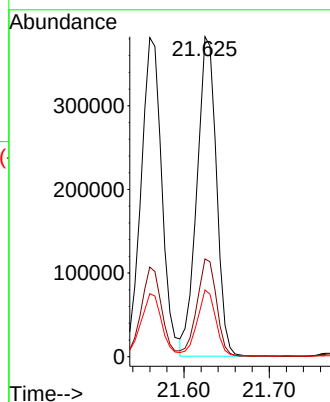
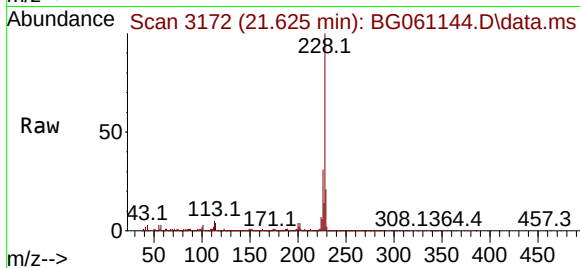
Tgt Ion:228 Resp: 606564

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 20.9 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.056 ng

RT: 21.478 min Scan# 3147

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

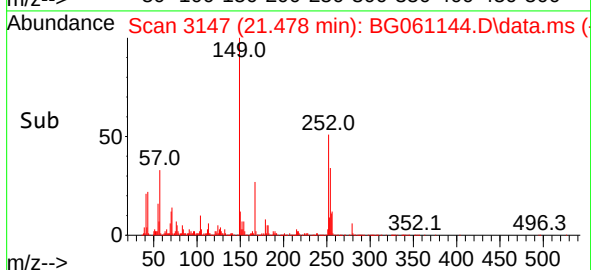
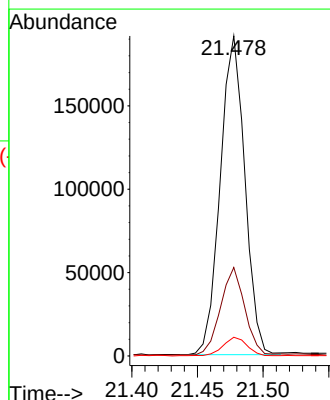
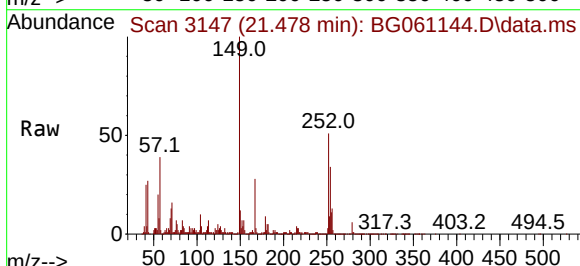
Tgt Ion:149 Resp: 249178

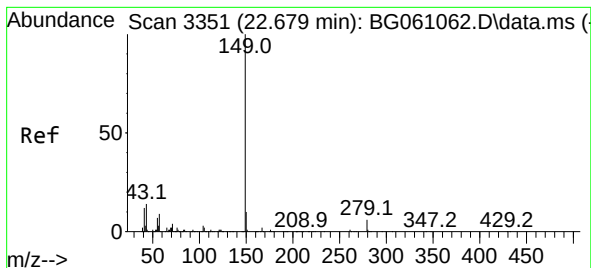
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 5.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.601 ng

RT: 22.659 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

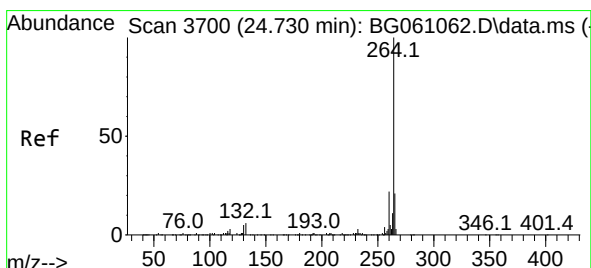
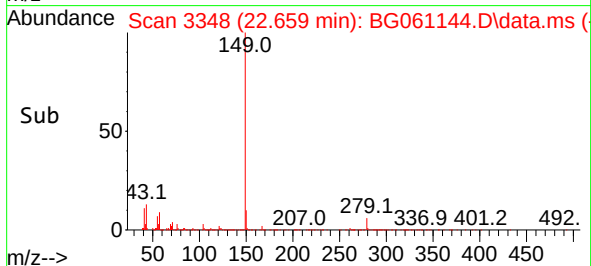
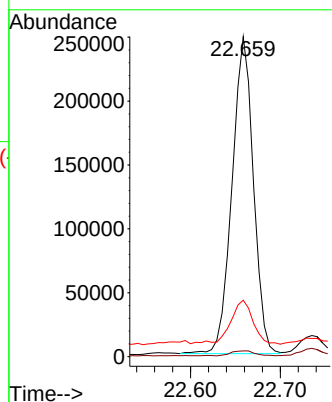
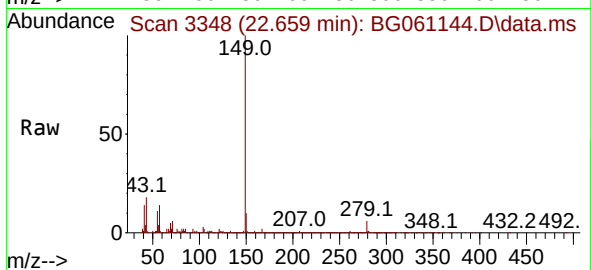
Tgt Ion:149 Resp: 409874

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 14.9 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.709 min Scan# 3697

Delta R.T. -0.021 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

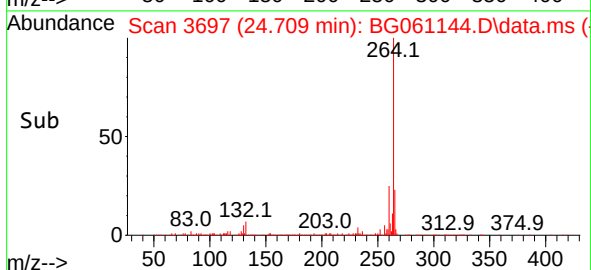
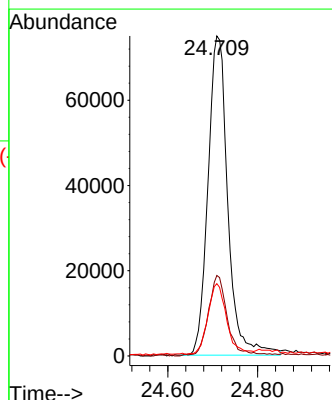
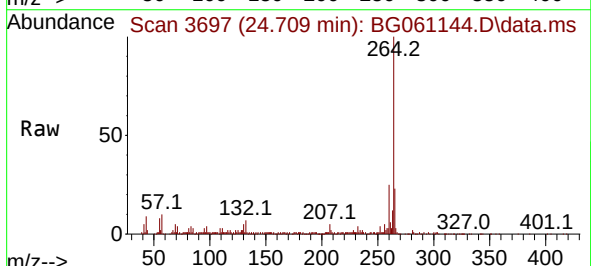
Tgt Ion:264 Resp: 229207

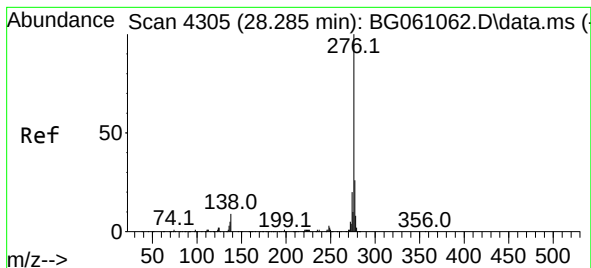
Ion Ratio Lower Upper

264 100

260 25.2 17.7 26.5

265 22.6 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.094 ng

RT: 28.264 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

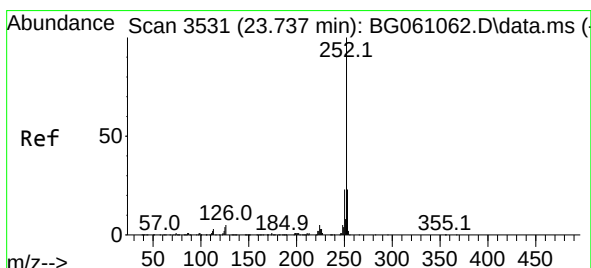
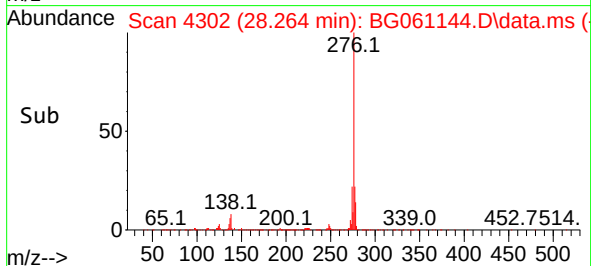
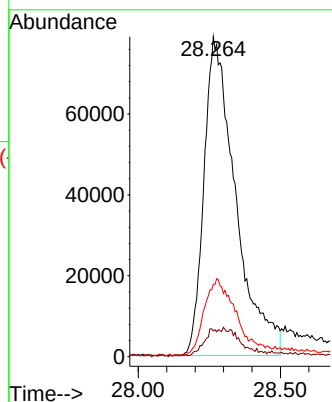
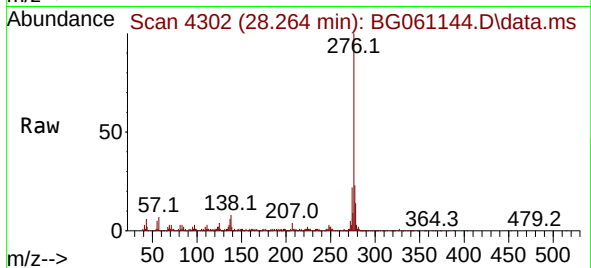
Tgt Ion:276 Resp: 609030

Ion Ratio Lower Upper

276 100

138 0.0 5.1 7.7#

277 23.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 49.304 ng

RT: 23.722 min Scan# 3529

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

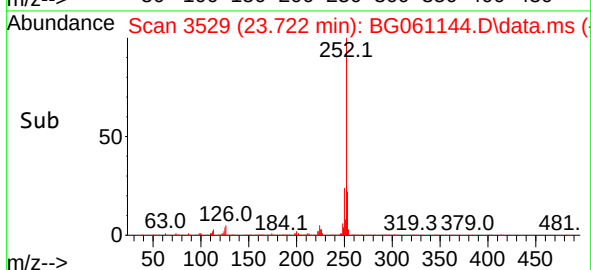
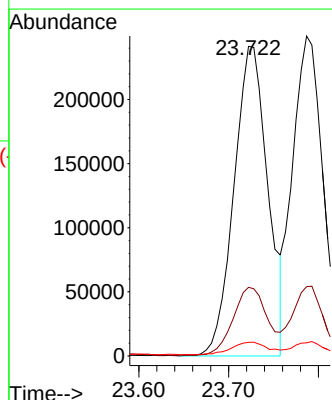
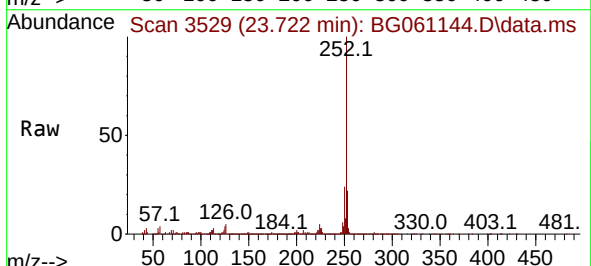
Tgt Ion:252 Resp: 631498

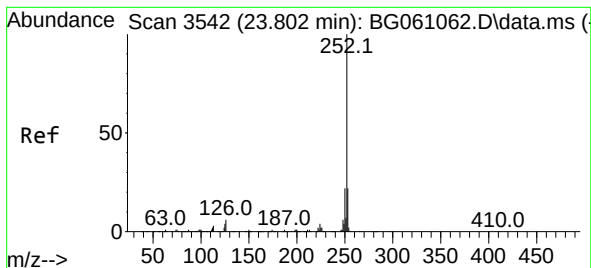
Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 4.4 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 48.666 ng

RT: 23.787 min Scan# 3540

Delta R.T. -0.015 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

Instrument :

BNA_G

ClientSampleId :

BIN-1MS

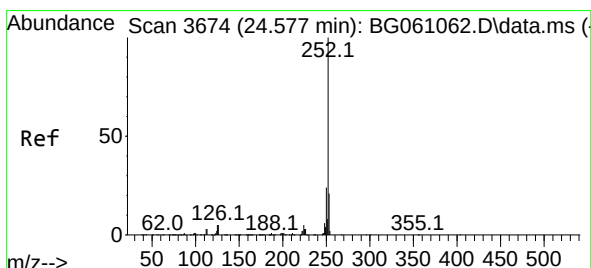
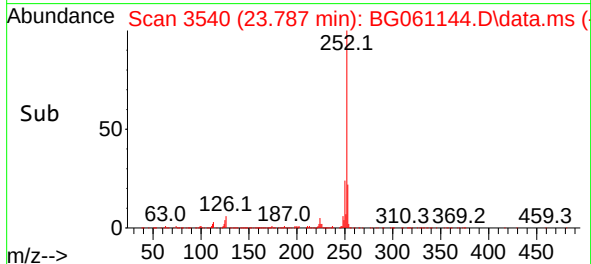
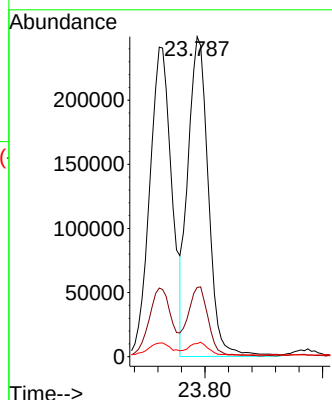
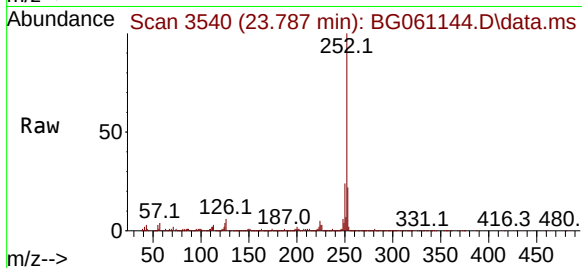
Tgt Ion:252 Resp: 599658

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 4.1 3.2 4.8



#90

Benzo(a)pyrene

Concen: 50.255 ng

RT: 24.568 min Scan# 3673

Delta R.T. -0.009 min

Lab File: BG061144.D

Acq: 8 May 2024 16:30

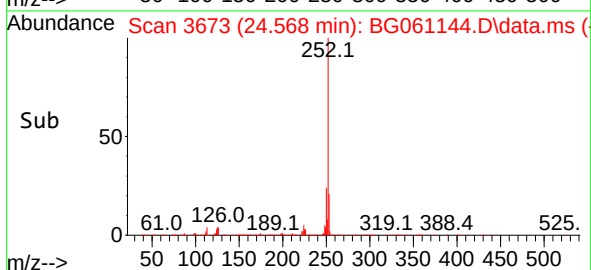
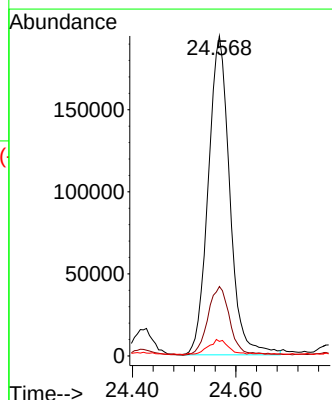
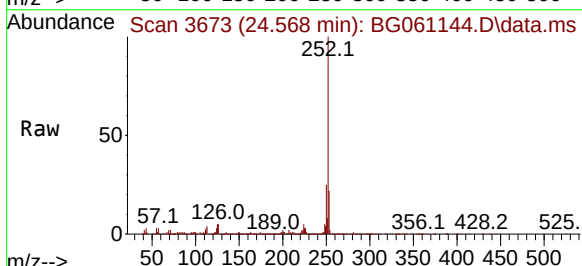
Tgt Ion:252 Resp: 560782

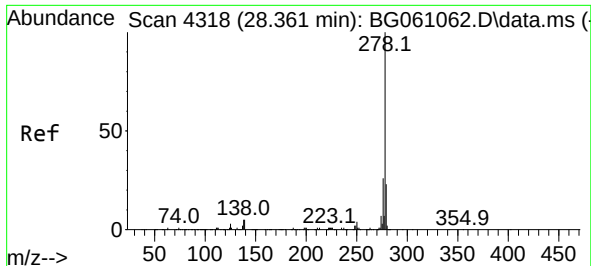
Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 4.5 3.8 5.8

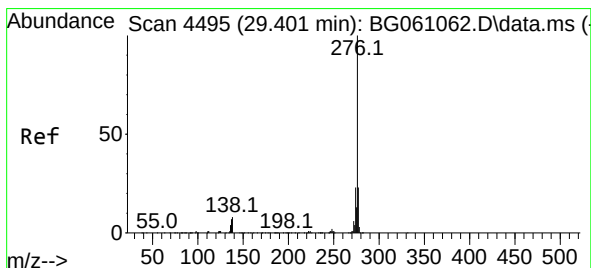
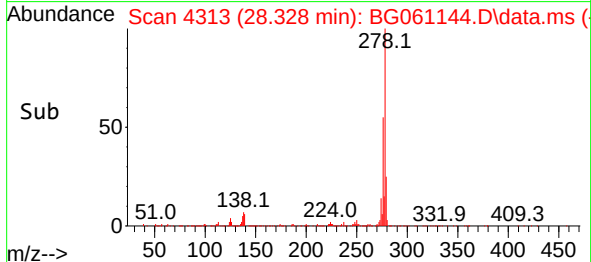
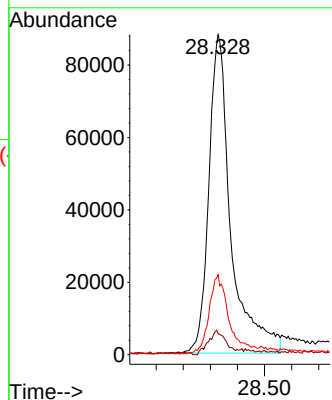
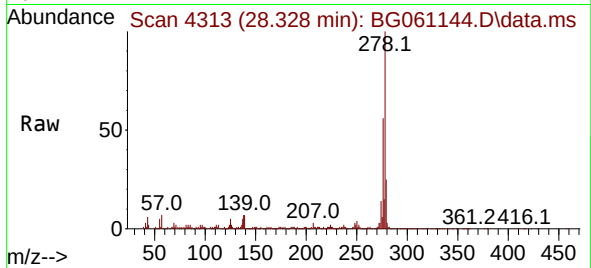




#91
 Dibenzo(a,h)anthracene
 Concen: 39.503 ng
 RT: 28.328 min Scan# 41
 Delta R.T. -0.033 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

Instrument :
 BNA_G
 ClientSampleId :
 BIN-1MS

Tgt Ion:278 Resp: 496932
 Ion Ratio Lower Upper
 278 100
 139 6.6 4.2 6.2#
 279 25.0 18.0 27.0



#92
 Benzo(g,h,i)perylene
 Concen: 32.558 ng
 RT: 29.368 min Scan# 4490
 Delta R.T. -0.033 min
 Lab File: BG061144.D
 Acq: 8 May 2024 16:30

Tgt Ion:276 Resp: 407005
 Ion Ratio Lower Upper
 276 100
 277 24.8 18.2 27.4
 138 8.7 6.2 9.2

