

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060722.D
 Acq On : 1 Apr 2024 19:34
 Operator : MA/JU
 Sample : P1927-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11991MS

Quant Time: Apr 02 01:17:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	69230	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	326639	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	254791	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	559485	20.000	ng	0.00
76) Chrysene-d12	21.598	240	528778	20.000	ng	0.00
86) Perylene-d12	24.729	264	619157	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	418947	100.812	ng	0.00
7) Phenol-d6	7.114	99	609763	98.848	ng	0.00
23) Nitrobenzene-d5	9.106	82	349748	61.099	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	309234	106.917	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	1019282	58.712	ng	0.00
79) Terphenyl-d14	19.958	244	1838185	61.212	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.460	88	70209	41.207	ng	98
3) Pyridine	3.842	79	206588	40.197	ng	94
4) n-Nitrosodimethylamine	3.760	42	157434	51.247	ng	97
6) Aniline	7.279	93	227641	29.223	ng	96
8) 2-Chlorophenol	7.520	128	247299	52.490	ng	98
9) Benzaldehyde	7.091	77	26367	7.751	ng	94
10) Phenol	7.138	94	337431	53.599	ng	99
11) bis(2-Chloroethyl)ether	7.379	93	223076	43.888	ng	99
12) 1,3-Dichlorobenzene	7.843	146	235168	47.999	ng	97
13) 1,4-Dichlorobenzene	7.990	146	240063	48.027	ng	97
14) 1,2-Dichlorobenzene	8.307	146	234198	47.810	ng	99
15) Benzyl Alcohol	8.190	79	243209	48.673	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.478	45	531936	46.373	ng	99
17) 2-Methylphenol	8.389	107	227815	47.935	ng	98
18) Hexachloroethane	9.042	117	86332	48.630	ng	97
19) n-Nitroso-di-n-propyla...	8.760	70	207729	44.158	ng	97
20) 3+4-Methylphenols	8.719	107	321657	49.424	ng	95
22) Acetophenone	8.771	105	402628	44.703	ng	98
24) Nitrobenzene	9.153	77	281752	44.437	ng	96
25) Isophorone	9.676	82	579235	43.933	ng	98
26) 2-Nitrophenol	9.864	139	113091	50.211	ng	94
27) 2,4-Dimethylphenol	9.923	122	206028	38.901	ng	100
28) bis(2-Chloroethoxy)met...	10.164	93	340537	43.748	ng	99
29) 2,4-Dichlorophenol	10.393	162	259939	53.447	ng	98
30) 1,2,4-Trichlorobenzene	10.616	180	268136	48.688	ng	98
31) Naphthalene	10.804	128	813256	46.027	ng	99
32) Benzoic acid	10.064	122	195112	54.320	ng	97
33) 4-Chloroaniline	10.904	127	136627	16.648	ng	99
34) Hexachlorobutadiene	11.098	225	170261	46.389	ng	99
35) Caprolactam	11.680	113	59595	30.938	ng	98
36) 4-Chloro-3-methylphenol	12.026	107	323018	51.991	ng	99
37) 2-Methylnaphthalene	12.408	142	592824	45.636	ng	99
38) 1-Methylnaphthalene	12.632	142	560059	45.638	ng	97
40) 1,2,4,5-Tetrachloroben...	12.778	216	352390	48.108	ng	99
41) Hexachlorocyclopentadiene	12.767	237	339739	91.215	ng	99
43) 2,4,6-Trichlorophenol	13.013	196	248555	52.698	ng	98

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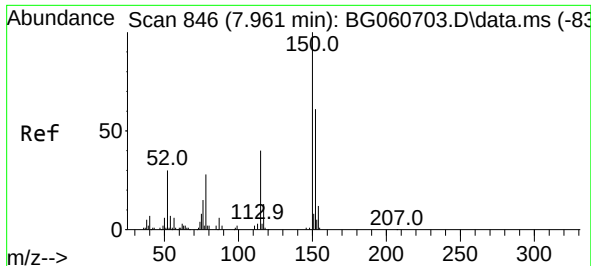
Quant Time: Apr 02 01:17:37 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	275662	48.974	ng	99
46) 1,1'-Biphenyl	13.419	154	827829	45.999	ng	99
47) 2-Chloronaphthalene	13.460	162	652723	47.737	ng	98
48) 2-Nitroaniline	13.654	65	220969	49.562	ng	99
49) Acenaphthylene	14.306	152	1108740	48.259	ng	100
50) Dimethylphthalate	14.048	163	882844	43.838	ng	99
51) 2,6-Dinitrotoluene	14.153	165	171413	47.572	ng	94
52) Acenaphthene	14.647	154	644127	44.653	ng	99
53) 3-Nitroaniline	14.476	138	128101	33.313	ng	99
54) 2,4-Dinitrophenol	14.682	184	174017	124.139	ng	88
55) Dibenzofuran	14.988	168	1043759	45.873	ng	100
56) 4-Nitrophenol	14.782	139	332985	113.103	ng	97
57) 2,4-Dinitrotoluene	14.941	165	242291	51.263	ng	98
58) Fluorene	15.634	166	819446	44.874	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.205	232	248830	50.726	ng	99
60) Diethylphthalate	15.417	149	882842	43.573	ng	99
61) 4-Chlorophenyl-phenyle...	15.634	204	418392	43.307	ng	95
62) 4-Nitroaniline	15.646	138	189001	51.331	ng	99
63) Azobenzene	15.928	77	888556	45.005	ng	98
65) 4,6-Dinitro-2-methylph...	15.704	198	122162	52.189	ng	98
66) n-Nitrosodiphenylamine	15.845	169	768252	48.052	ng	100
67) 4-Bromophenyl-phenylether	16.527	248	285675	50.312	ng	98
68) Hexachlorobenzene	16.639	284	328906	51.313	ng	97
69) Atrazine	16.797	200	283970	50.791	ng	98
70) Pentachlorophenol	16.979	266	455566	108.925	ng	97
71) Phenanthrene	17.373	178	1481869	50.928	ng	99
72) Anthracene	17.467	178	1420590	48.073	ng	99
73) Carbazole	17.731	167	1282805	49.236	ng	98
74) Di-n-butylphthalate	18.319	149	1530488	47.118	ng	100
75) Fluoranthene	19.388	202	1937034	54.860	ng	99
77) Benzidine	19.565	184	518952	37.271	ng	98
78) Pyrene	19.747	202	1918192	51.869	ng	99
80) Butylbenzylphthalate	20.657	149	705079	52.265	ng	98
81) Benzo(a)anthracene	21.580	228	1889764	50.700	ng	98
82) 3,3'-Dichlorobenzidine	21.492	252	375995	29.875	ng	100
83) Chrysene	21.645	228	1853768	51.600	ng	99
84) Bis(2-ethylhexyl)phtha...	21.527	149	1058671	49.236	ng	97
85) Di-n-octyl phthalate	22.731	149	1823044	52.044	ng	99
87) Indeno(1,2,3-cd)pyrene	28.307	276	2340381	53.677	ng	99
88) Benzo(b)fluoranthene	23.748	252	2027467	56.999	ng	99
89) Benzo(k)fluoranthene	23.818	252	1820039	49.990	ng	99
90) Benzo(a)pyrene	24.588	252	1762438	50.985	ng	97
91) Dibenzo(a,h)anthracene	28.372	278	1867885	50.820	ng	99
92) Benzo(g,h,i)perylene	29.406	276	1772543	49.576	ng	98

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

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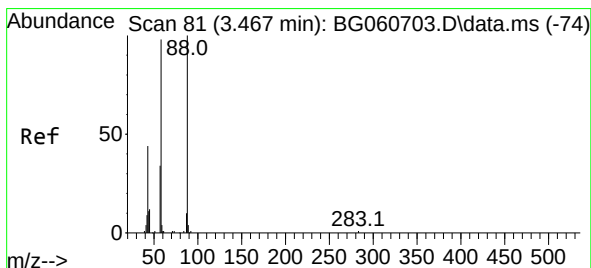
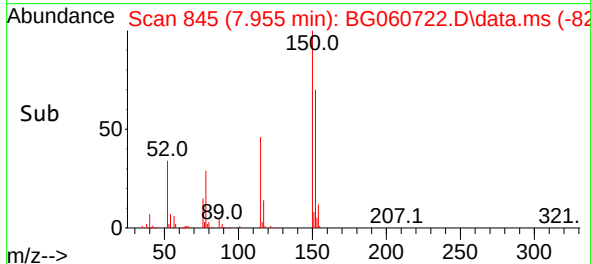
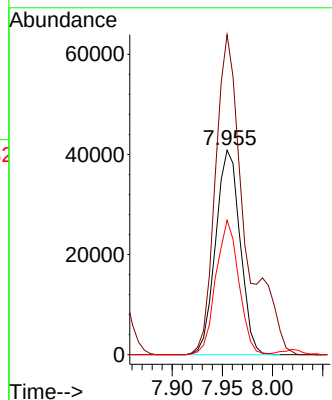
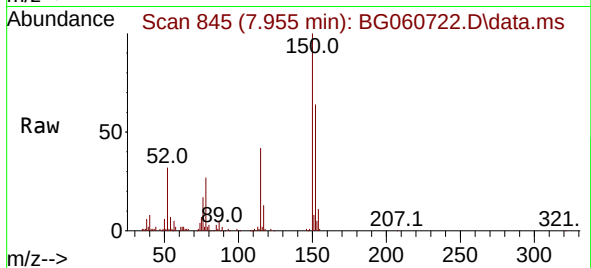




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.955 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BG060722.D
 Acq: 1 Apr 2024 19:34

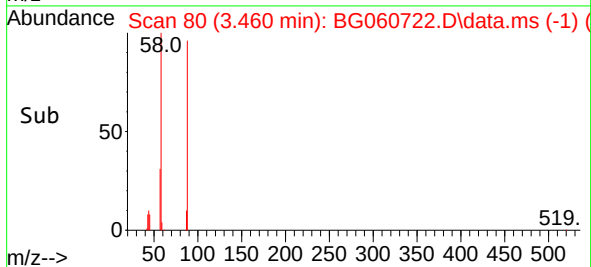
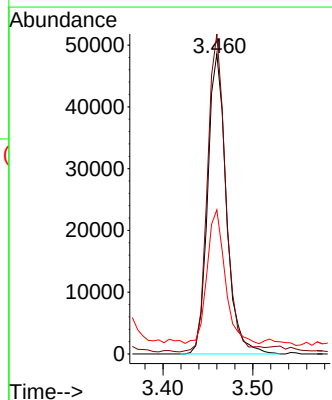
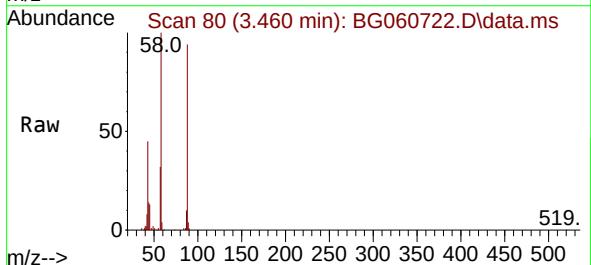
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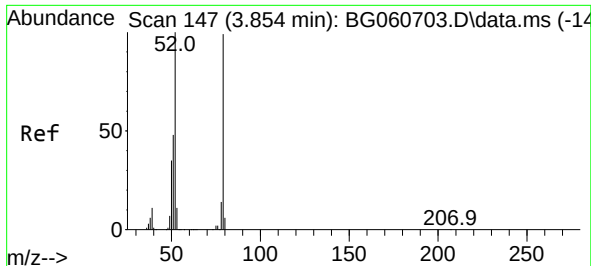
Tgt Ion:152 Resp: 69230
 Ion Ratio Lower Upper
 152 100
 150 156.5 130.2 195.4
 115 65.7 51.6 77.4



#2
 1,4-Dioxane
 Concen: 41.207 ng
 RT: 3.460 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BG060722.D
 Acq: 1 Apr 2024 19:34

Tgt Ion: 88 Resp: 70209
 Ion Ratio Lower Upper
 88 100
 58 103.2 80.9 121.3
 43 43.0 35.4 53.0

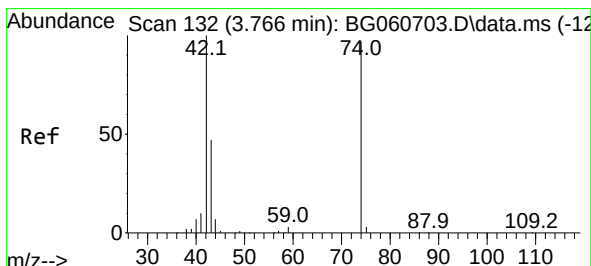
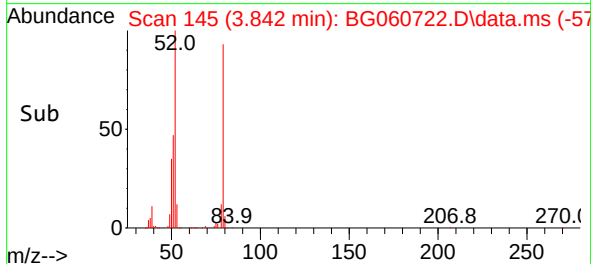
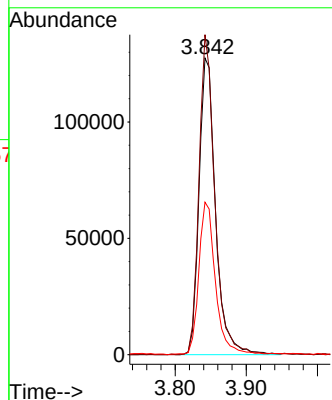
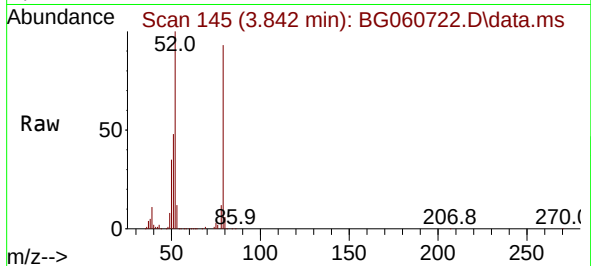




#3
Pyridine
Concen: 40.197 ng
RT: 3.842 min Scan# 147
Delta R.T. -0.013 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

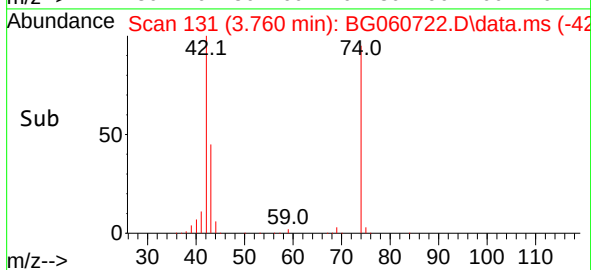
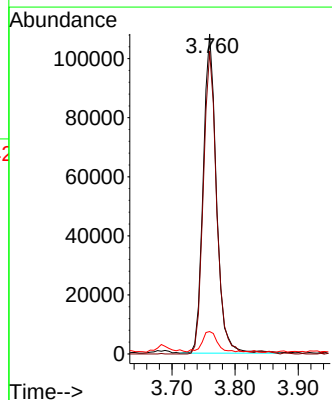
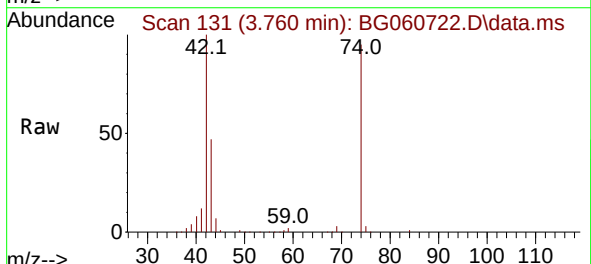
Instrument :
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ClientSampleId :
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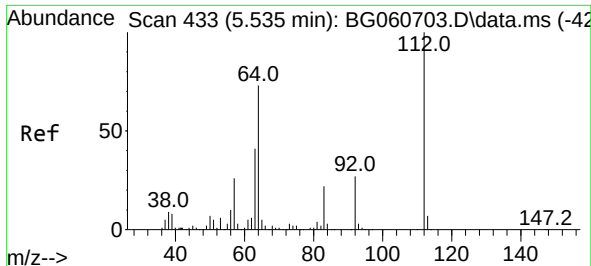
Tgt Ion: 79 Resp: 206588
Ion Ratio Lower Upper
79 100
52 107.9 80.6 120.8
51 51.4 39.1 58.7



#4
n-Nitrosodimethylamine
Concen: 51.247 ng
RT: 3.760 min Scan# 131
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion: 42 Resp: 157434
Ion Ratio Lower Upper
42 100
74 94.5 77.8 116.8
44 7.0 6.8 10.2

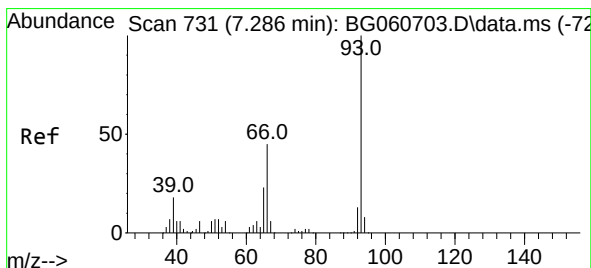
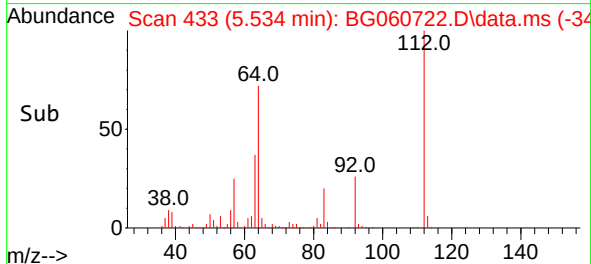
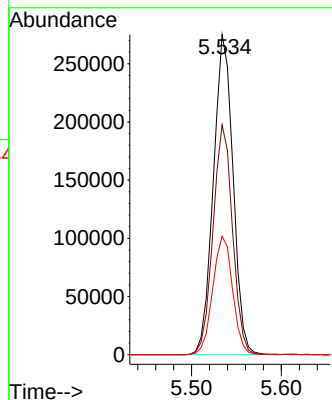
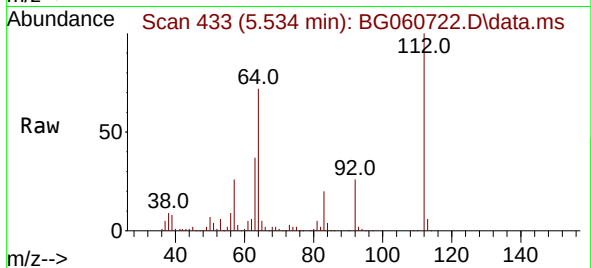




#5
2-Fluorophenol
Concen: 100.812 ng
RT: 5.534 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

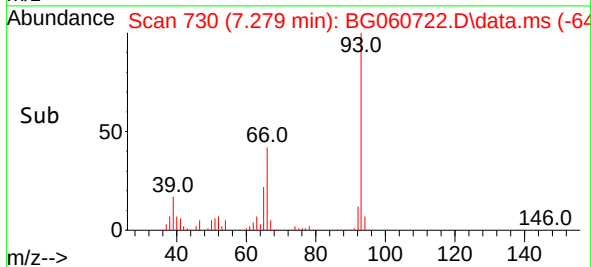
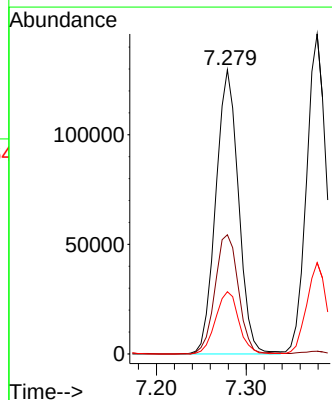
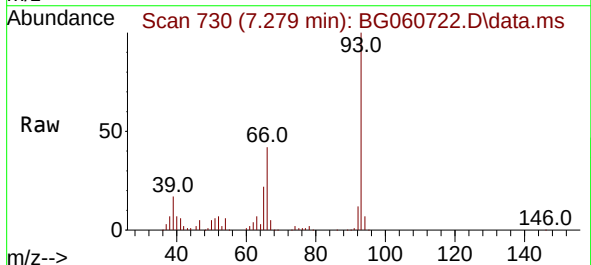
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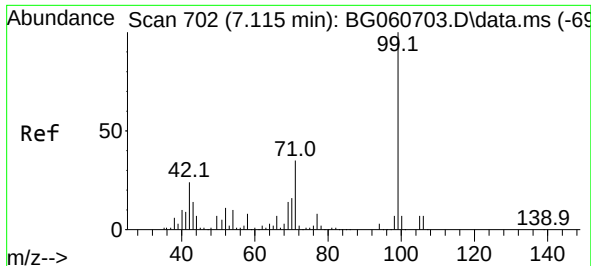
Tgt Ion:112 Resp: 418947
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 37.1 32.7 49.1



#6
Aniline
Concen: 29.223 ng
RT: 7.279 min Scan# 730
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion: 93 Resp: 227641
Ion Ratio Lower Upper
93 100
66 41.9 36.1 54.1
65 21.9 18.1 27.1

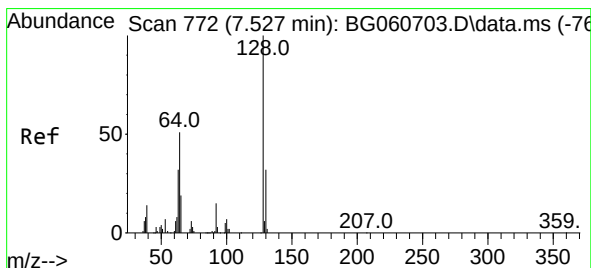
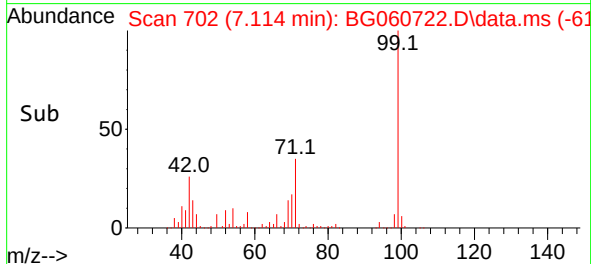
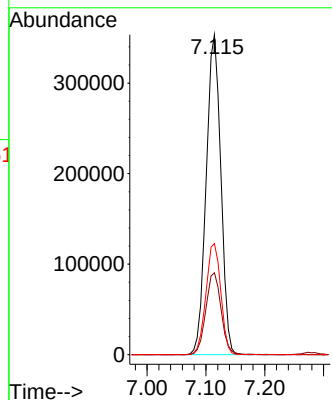
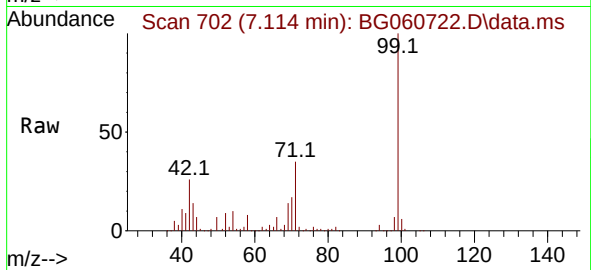




#7
Phenol-d6
Concen: 98.848 ng
RT: 7.114 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

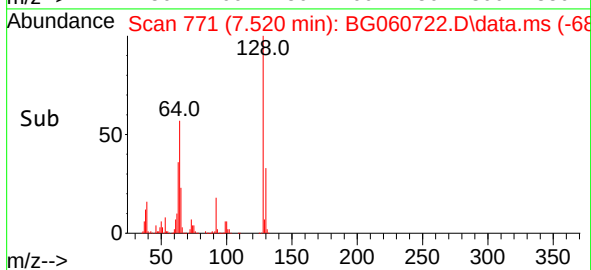
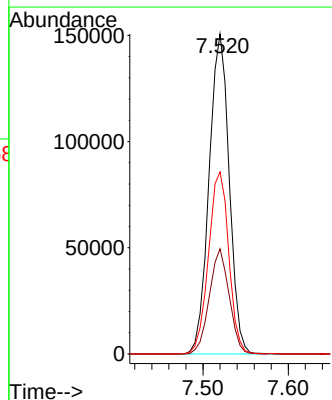
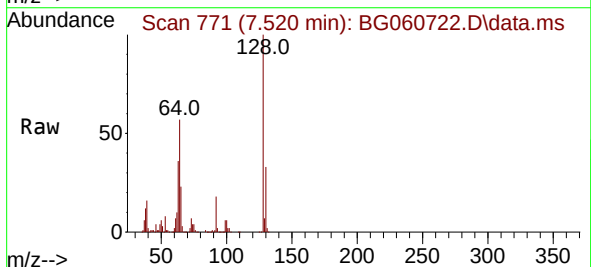
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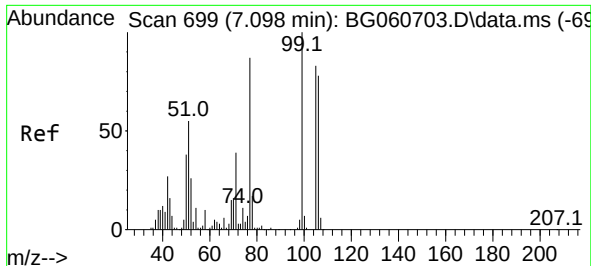
Tgt Ion: 99 Resp: 609763
Ion Ratio Lower Upper
99 100
42 25.6 19.4 29.2
71 34.7 28.2 42.2



#8
2-Chlorophenol
Concen: 52.490 ng
RT: 7.520 min Scan# 771
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:128 Resp: 247299
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 56.9 35.0 75.0

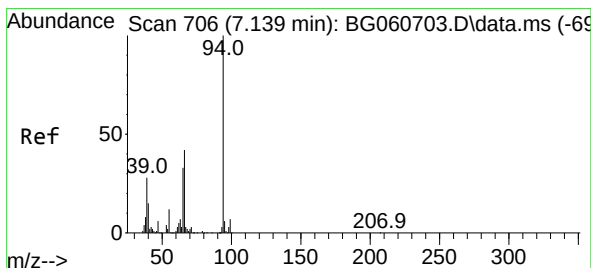
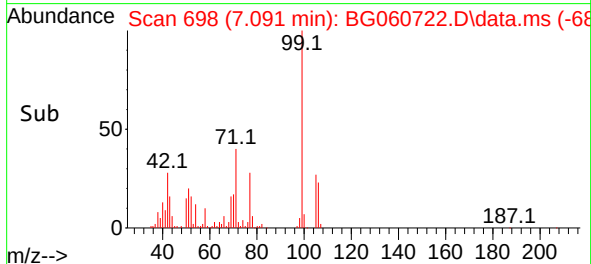
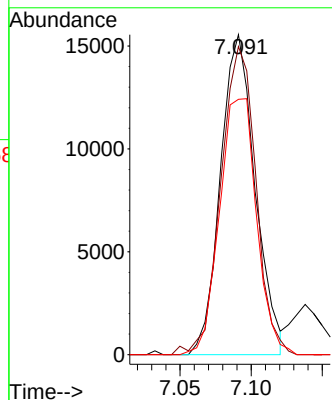
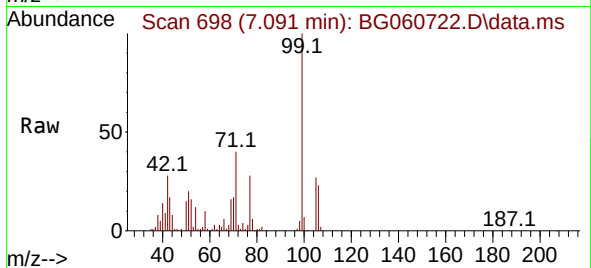




#9
Benzaldehyde
Concen: 7.751 ng
RT: 7.091 min Scan# 699
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

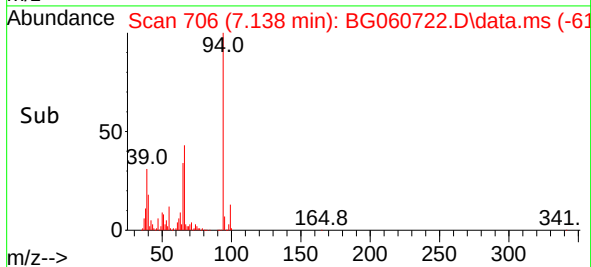
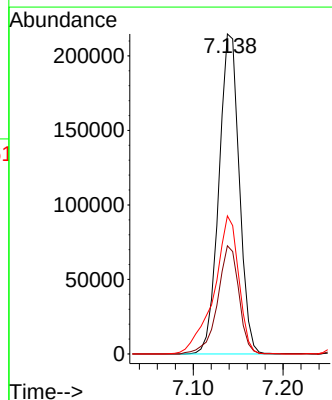
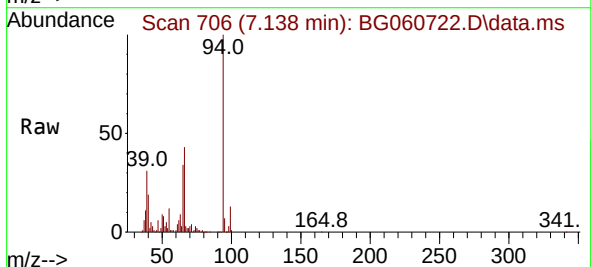
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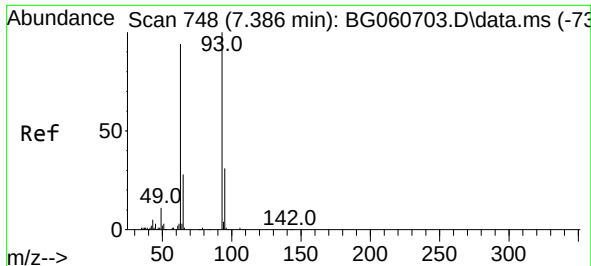
Tgt Ion: 77 Resp: 26367
Ion Ratio Lower Upper
77 100
105 96.3 76.0 116.0
106 79.8 70.3 110.3



#10
Phenol
Concen: 53.599 ng
RT: 7.138 min Scan# 706
Delta R.T. -0.001 min
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Tgt Ion: 94 Resp: 337431
Ion Ratio Lower Upper
94 100
65 33.8 13.3 53.3
66 43.1 22.9 62.9



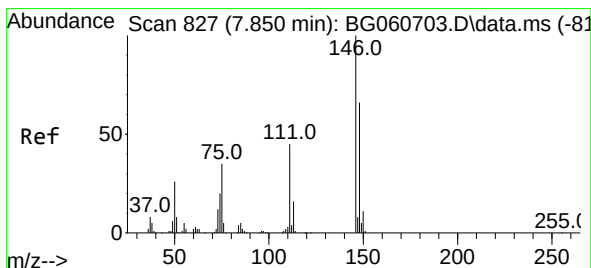
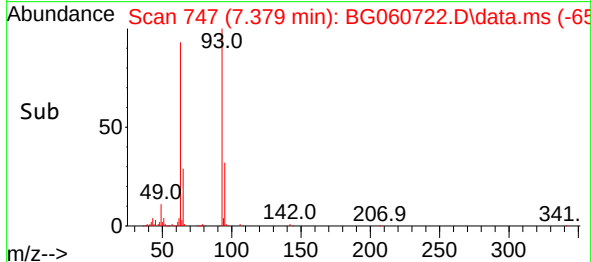
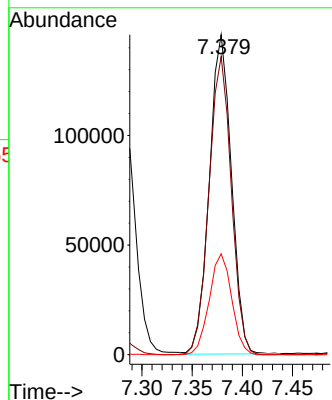
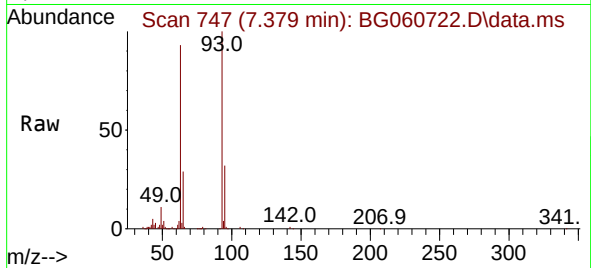


#11
bis(2-Chloroethyl)ether
Concen: 43.888 ng
RT: 7.379 min Scan# 748
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Instrument :
BNA_G
ClientSampleId :
72-11991MS

Tgt Ion: 93 Resp: 223076

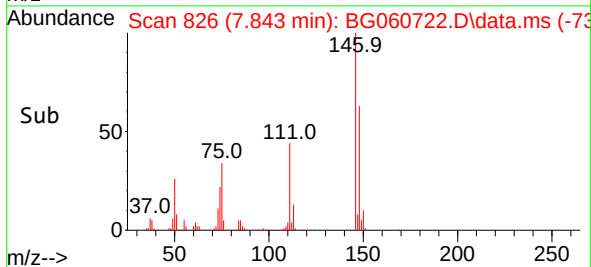
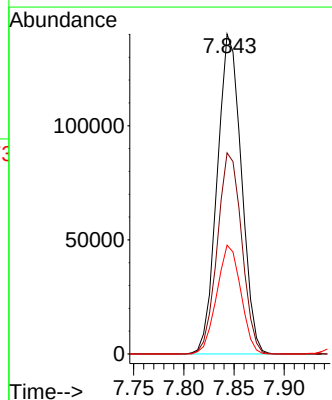
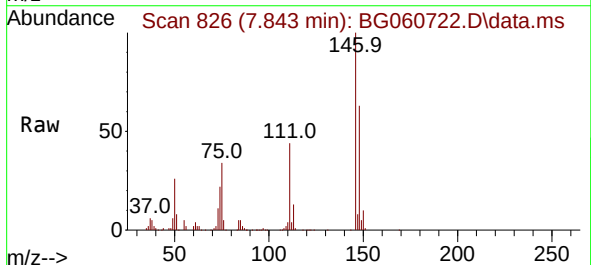
Ion	Ratio	Lower	Upper
93	100		
63	93.2	73.7	113.7
95	31.5	11.2	51.2

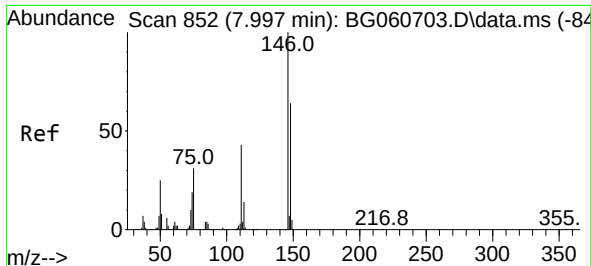


#12
1,3-Dichlorobenzene
Concen: 47.999 ng
RT: 7.843 min Scan# 826
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:146 Resp: 235168

Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.0	79.4
75	34.0	28.1	42.1

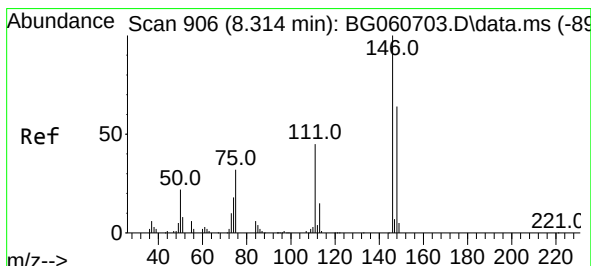
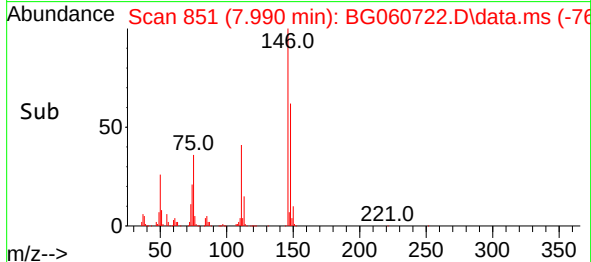
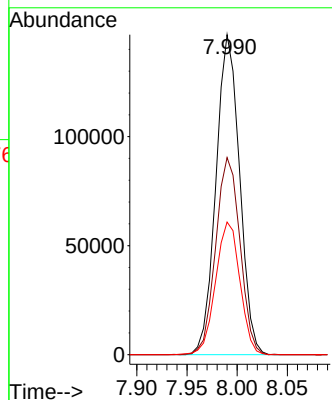
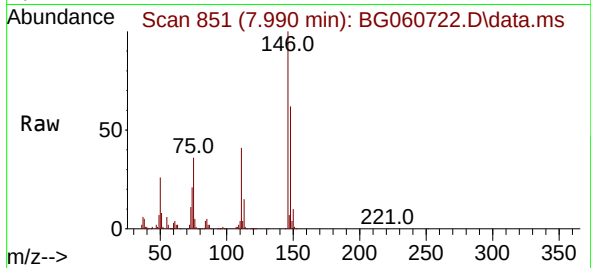




#13
1,4-Dichlorobenzene
Concen: 48.027 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

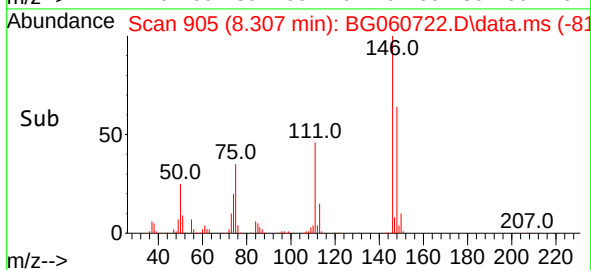
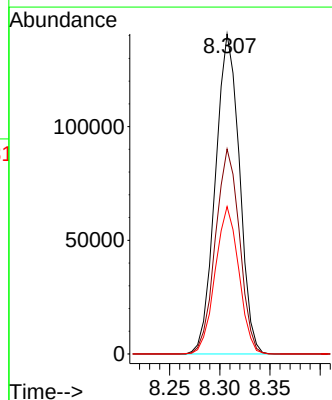
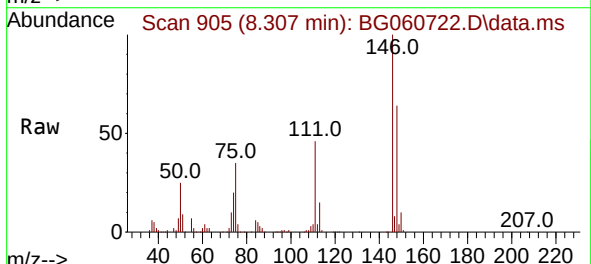
Instrument :
BNA_G
ClientSampleId :
72-11991MS

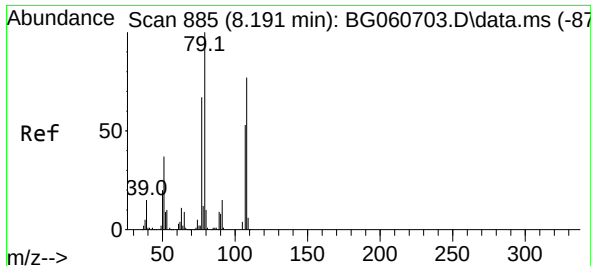
Tgt Ion:146 Resp: 240063
Ion Ratio Lower Upper
146 100
148 61.6 51.1 76.7
111 41.5 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 47.810 ng
RT: 8.307 min Scan# 905
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:146 Resp: 234198
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 46.1 36.0 54.0

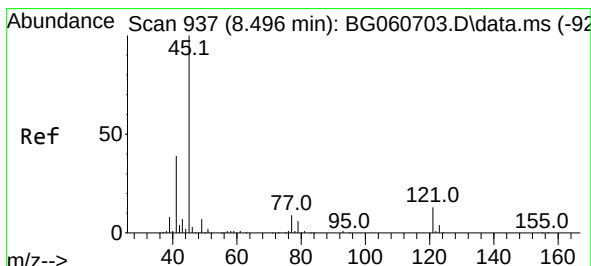
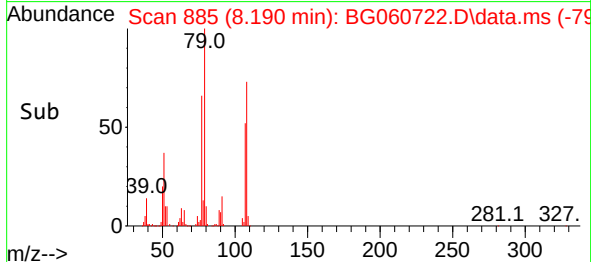
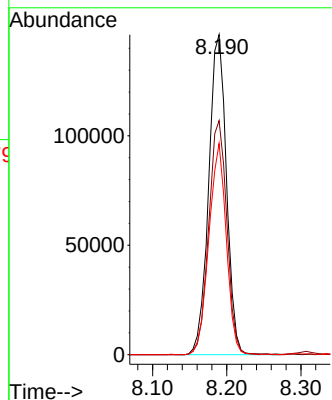
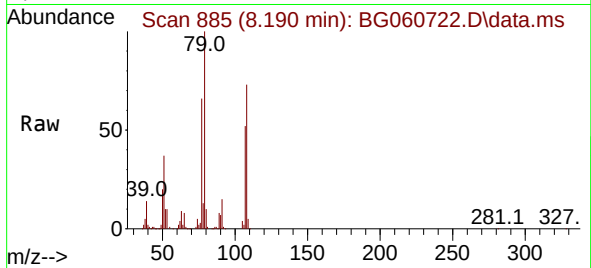




#15
Benzyl Alcohol
Concen: 48.673 ng
RT: 8.190 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

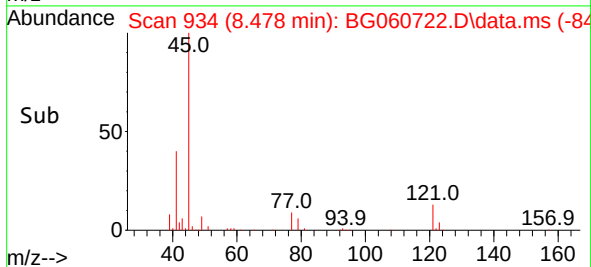
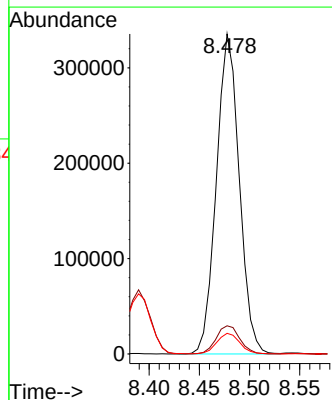
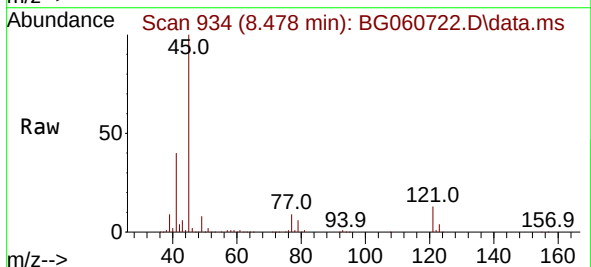
Instrument :
BNA_G
ClientSampleId :
72-11991MS

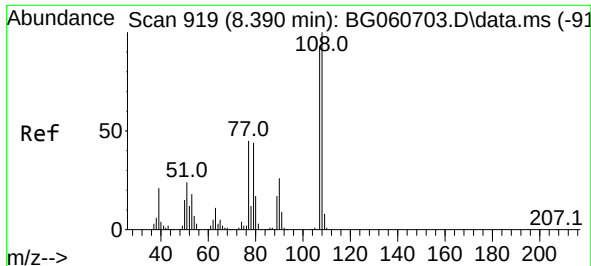
Tgt Ion: 79 Resp: 243209
Ion Ratio Lower Upper
79 100
108 73.2 61.4 92.0
77 66.0 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.373 ng
RT: 8.478 min Scan# 934
Delta R.T. -0.018 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion: 45 Resp: 531936
Ion Ratio Lower Upper
45 100
77 8.8 0.0 29.1
79 6.4 0.0 26.5

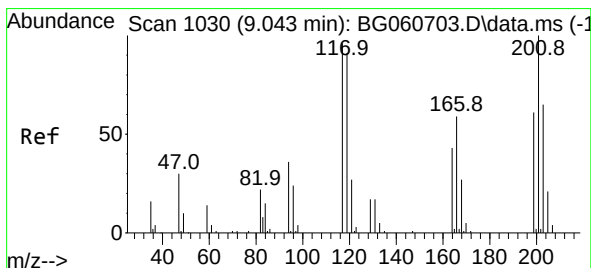
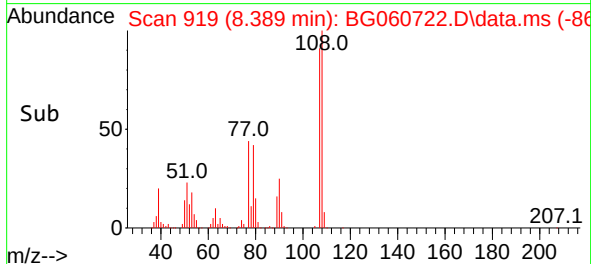
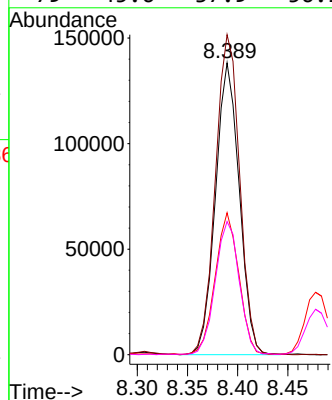
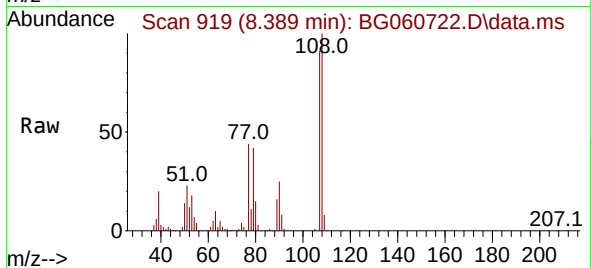




#17
2-Methylphenol
Concen: 47.935 ng
RT: 8.389 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

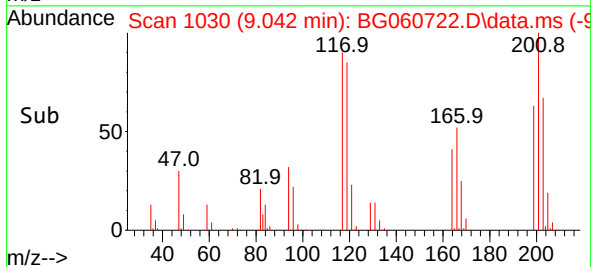
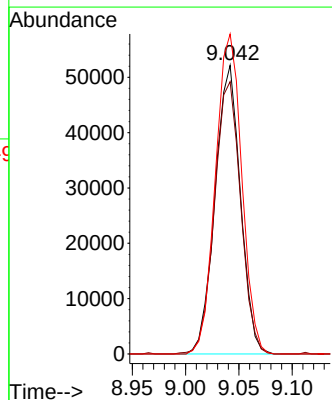
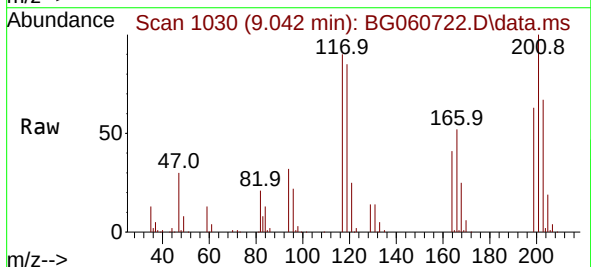
Instrument :
BNA_G
ClientSampleId :
72-11991MS

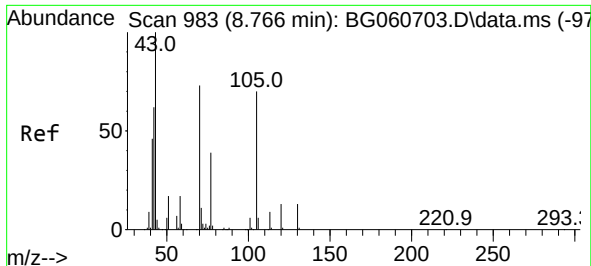
Tgt Ion:	107	Resp:	227815
Ion	Ratio	Lower	Upper
107	100		
108	109.6	86.4	129.6
77	48.6	38.6	58.0
79	45.6	37.9	56.9



#18
Hexachloroethane
Concen: 48.630 ng
RT: 9.042 min Scan# 1030
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:	117	Resp:	86332
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.7	113.5
201	110.9	83.4	125.2

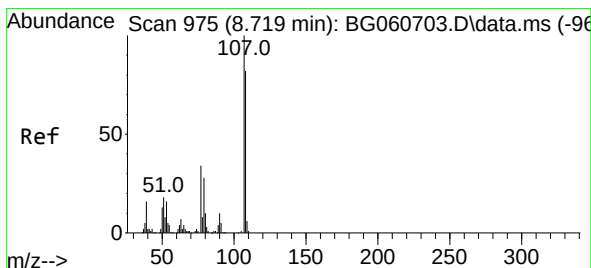
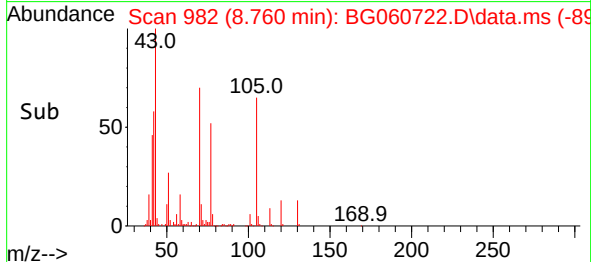
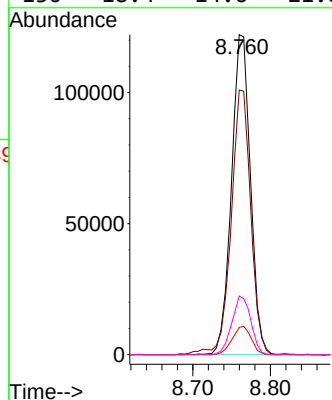
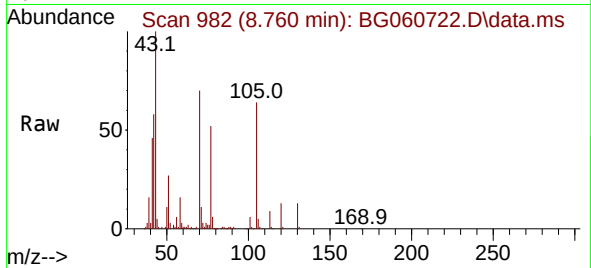




#19
n-Nitroso-di-n-propylamine
Concen: 44.158 ng
RT: 8.760 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

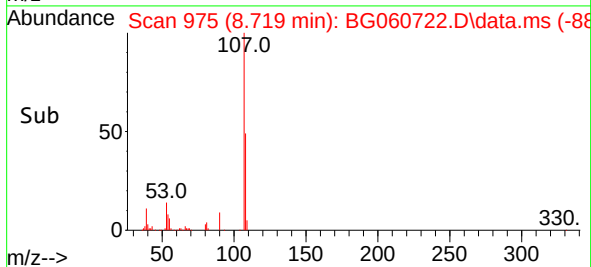
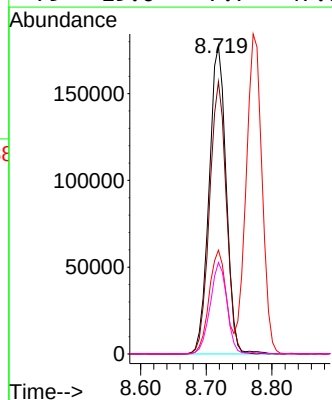
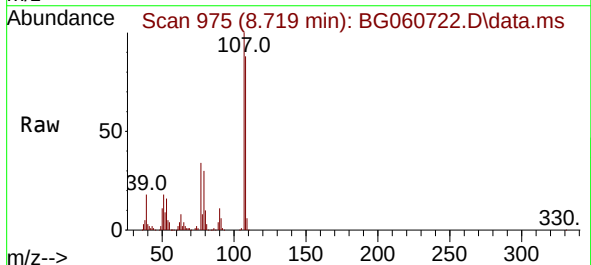
Instrument :
BNA_G
ClientSampleId :
72-11991MS

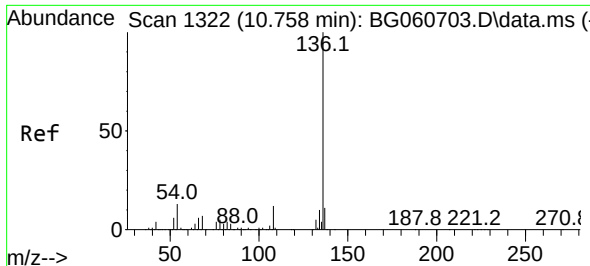
Tgt Ion: 70 Resp: 207729
Ion Ratio Lower Upper
70 100
42 82.7 68.4 102.6
101 8.5 6.1 9.1
130 18.4 14.6 21.8



#20
3+4-Methylphenols
Concen: 49.424 ng
RT: 8.719 min Scan# 975
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion: 107 Resp: 321657
Ion Ratio Lower Upper
107 100
108 88.4 62.2 102.2
77 33.7 14.1 54.1
79 29.6 7.7 47.7

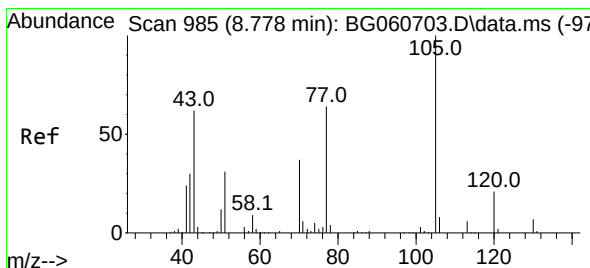
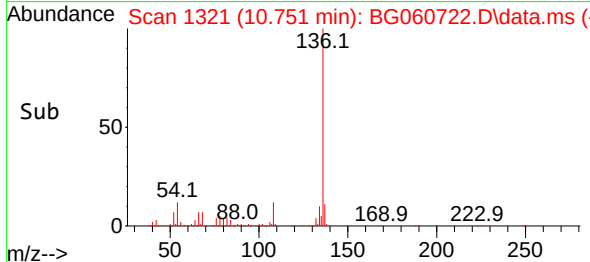
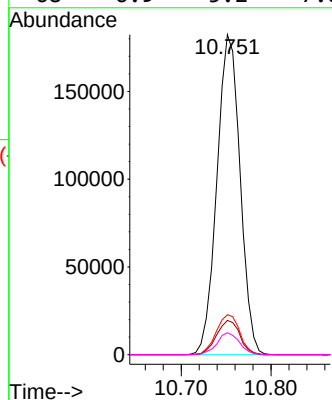
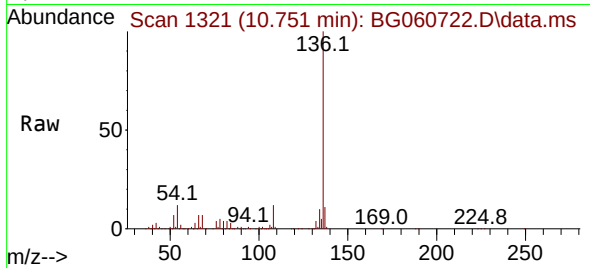




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

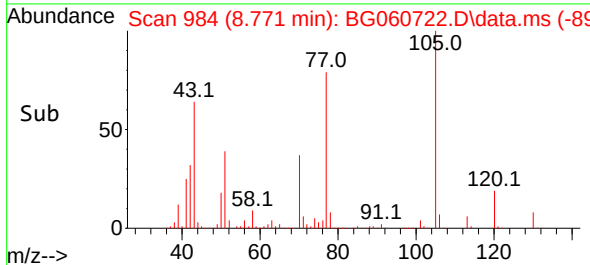
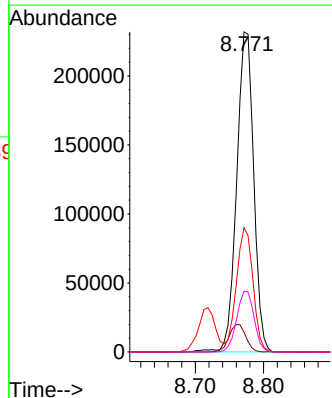
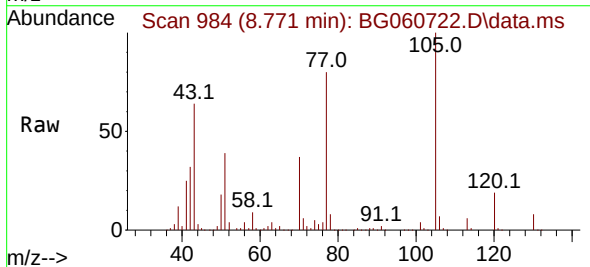
Instrument :
BNA_G
ClientSampleId :
72-11991MS

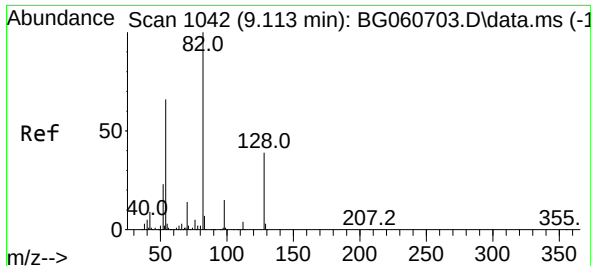
Tgt Ion:136 Resp: 326639
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 12.5 10.2 15.2
68 6.9 5.2 7.8



#22
Acetophenone
Concen: 44.703 ng
RT: 8.771 min Scan# 984
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:105 Resp: 402628
Ion Ratio Lower Upper
105 100
71 6.2 4.9 7.3
51 38.9 31.1 46.7
120 19.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 61.099 ng

RT: 9.106 min Scan# 1041

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

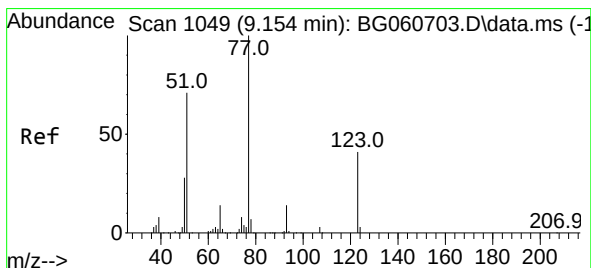
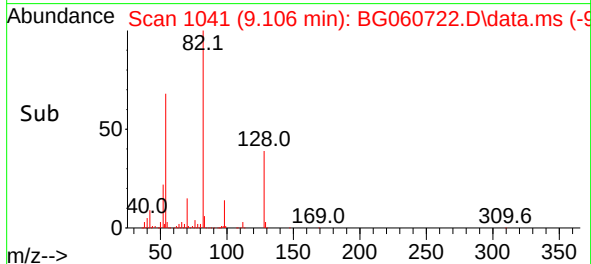
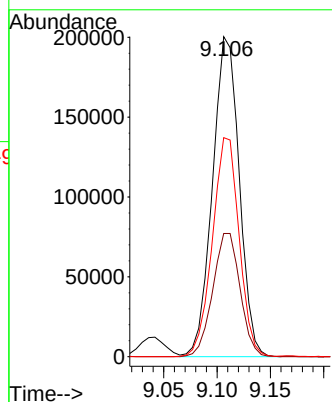
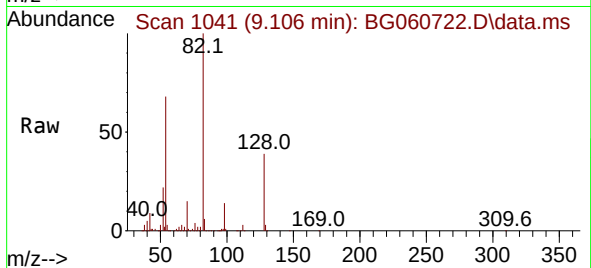
Tgt Ion: 82 Resp: 349748

Ion Ratio Lower Upper

82 100

128 38.5 31.2 46.8

54 68.5 53.2 79.8



#24

Nitrobenzene

Concen: 44.437 ng

RT: 9.153 min Scan# 1049

Delta R.T. -0.001 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

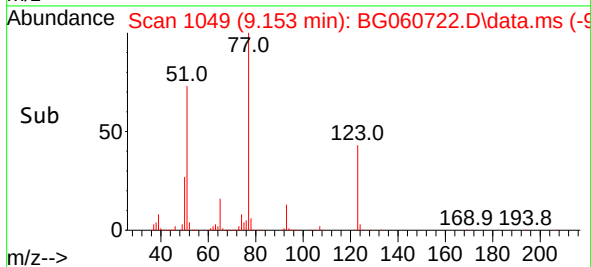
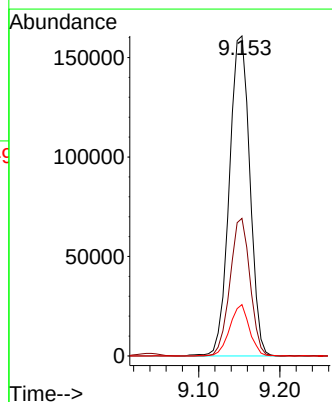
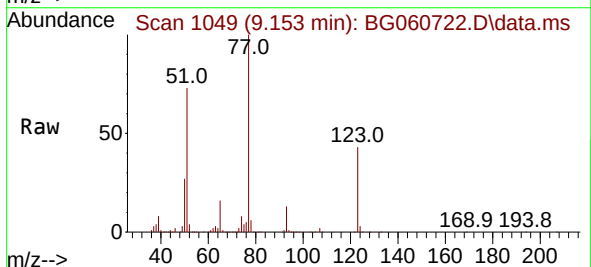
Tgt Ion: 77 Resp: 281752

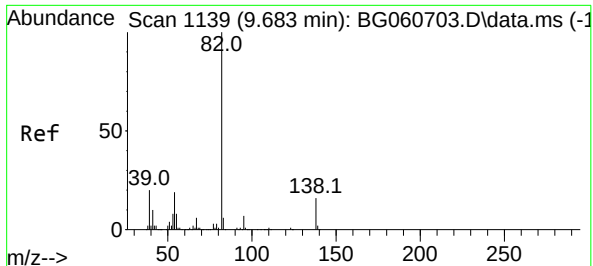
Ion Ratio Lower Upper

77 100

123 43.0 32.7 49.1

65 16.0 11.3 16.9





#25

Isophorone

Concen: 43.933 ng

RT: 9.676 min Scan# 1139

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

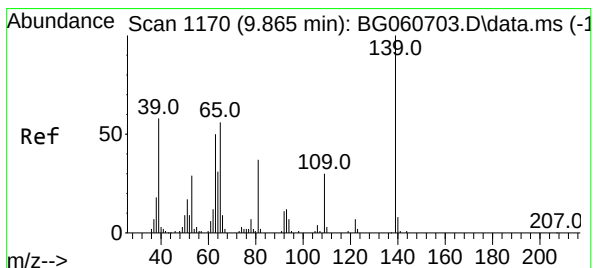
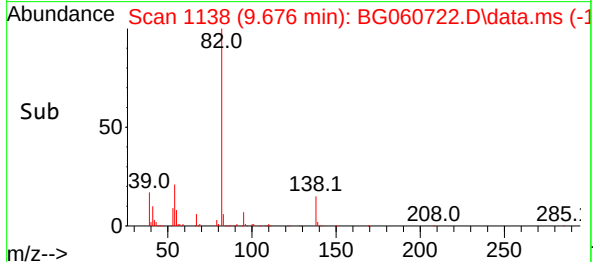
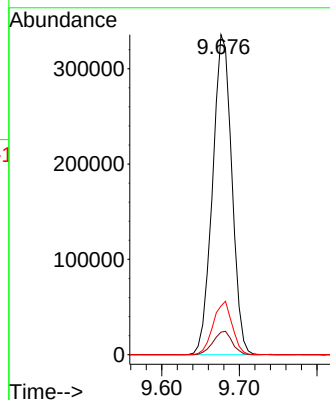
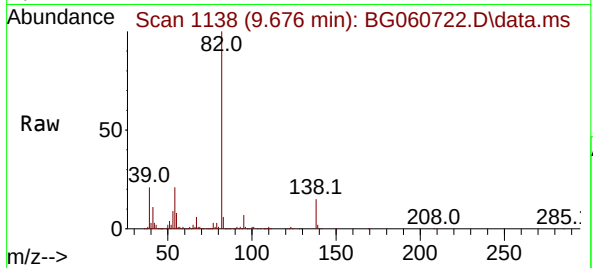
Tgt Ion: 82 Resp: 579235

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

138 15.2 13.0 19.4



#26

2-Nitrophenol

Concen: 50.211 ng

RT: 9.864 min Scan# 1170

Delta R.T. -0.001 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

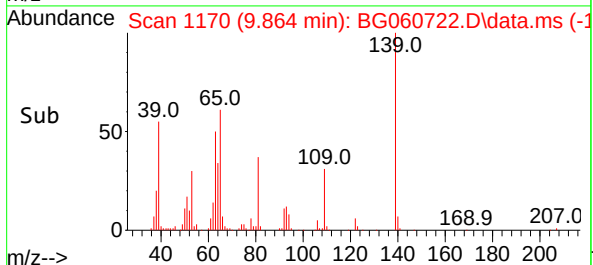
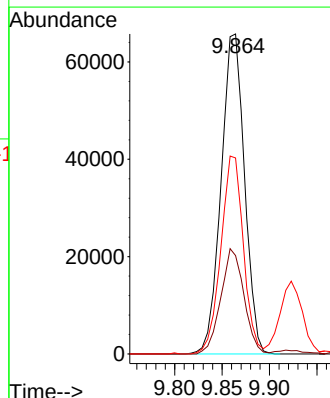
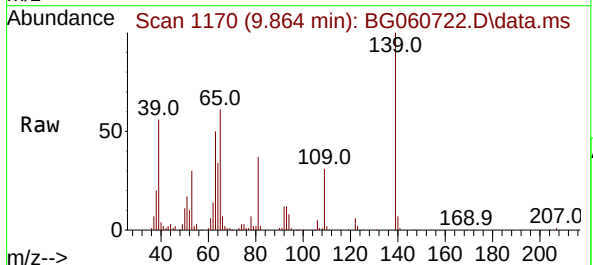
Tgt Ion:139 Resp: 113091

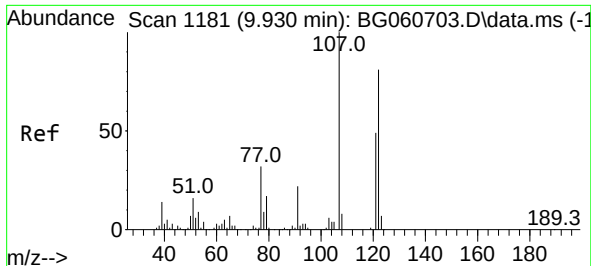
Ion Ratio Lower Upper

139 100

109 30.8 23.9 35.9

65 61.2 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 38.901 ng

RT: 9.923 min Scan# 1181

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

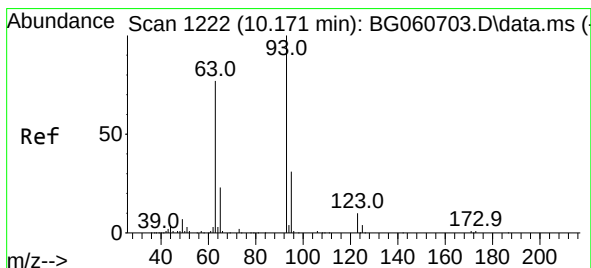
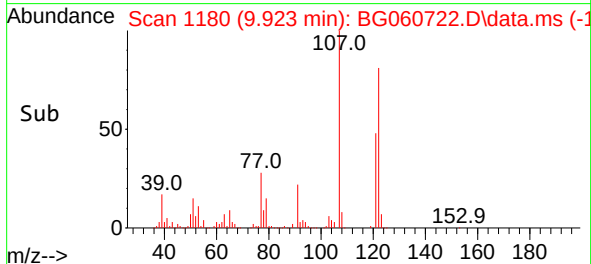
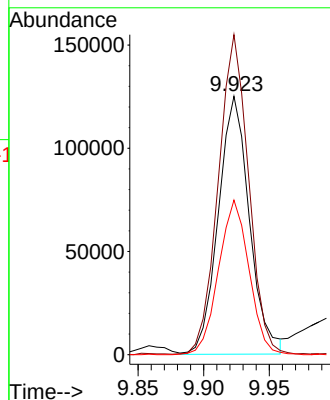
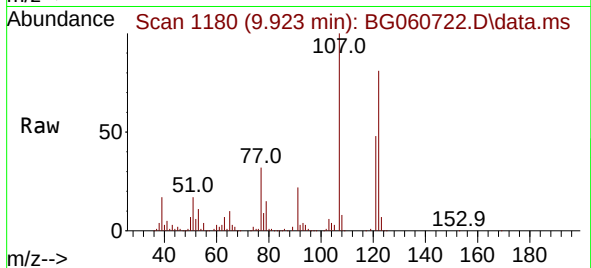
Tgt Ion:122 Resp: 206028

Ion Ratio Lower Upper

122 100

107 123.8 98.6 147.8

121 59.8 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.748 ng

RT: 10.164 min Scan# 1221

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

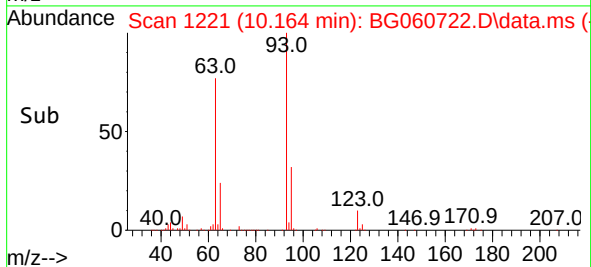
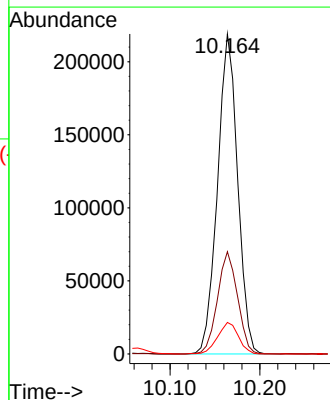
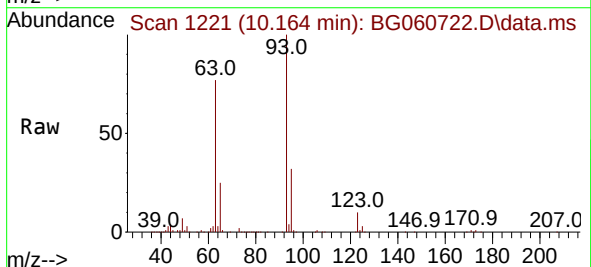
Tgt Ion: 93 Resp: 340537

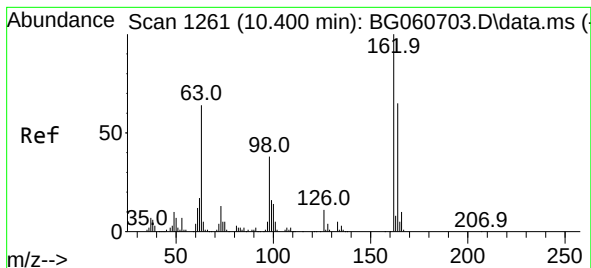
Ion Ratio Lower Upper

93 100

95 31.9 25.1 37.7

123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 53.447 ng

RT: 10.393 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

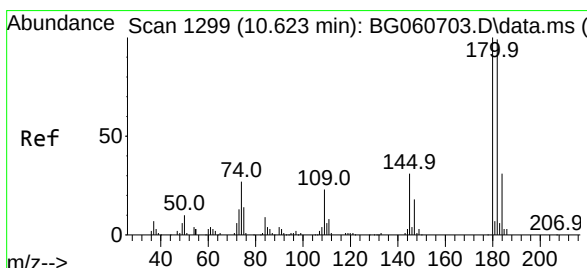
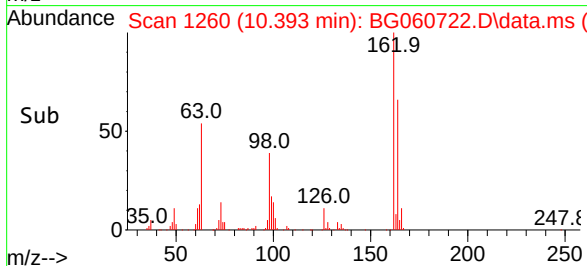
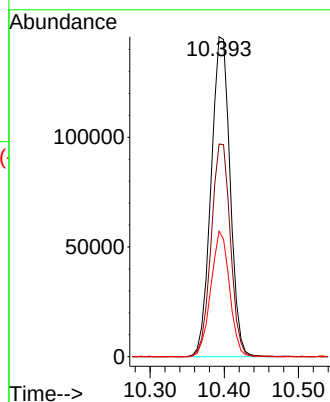
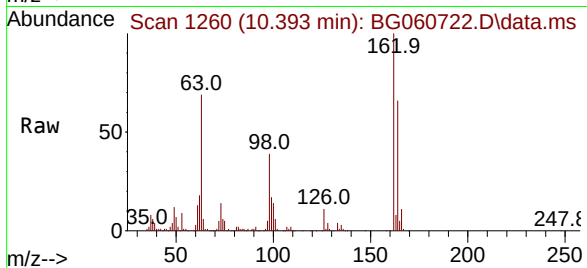
Tgt Ion:162 Resp: 259939

Ion Ratio Lower Upper

162 100

164 66.5 45.2 85.2

98 39.2 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 48.688 ng

RT: 10.616 min Scan# 1298

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

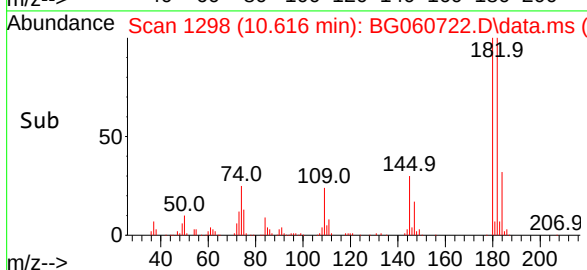
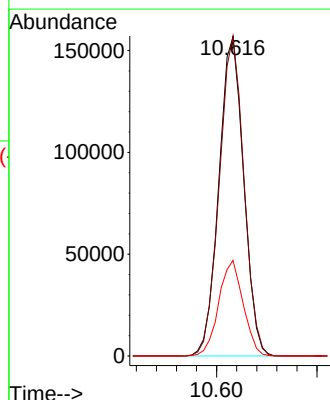
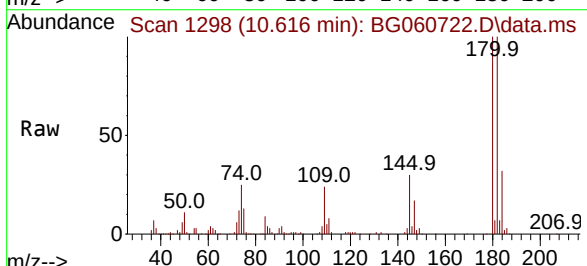
Tgt Ion:180 Resp: 268136

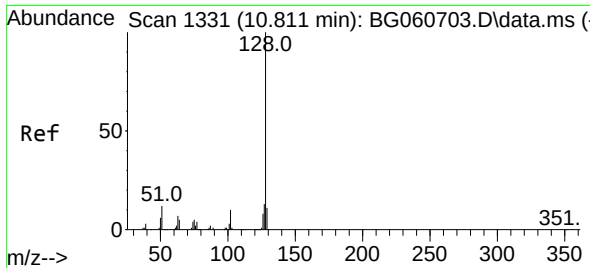
Ion Ratio Lower Upper

180 100

182 100.3 79.0 118.4

145 30.0 24.9 37.3

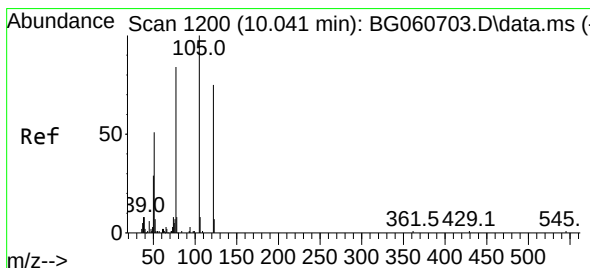
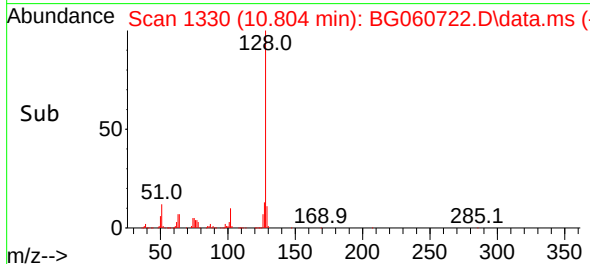
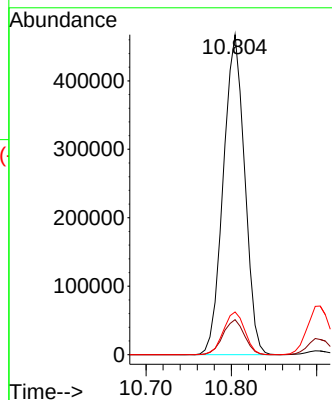
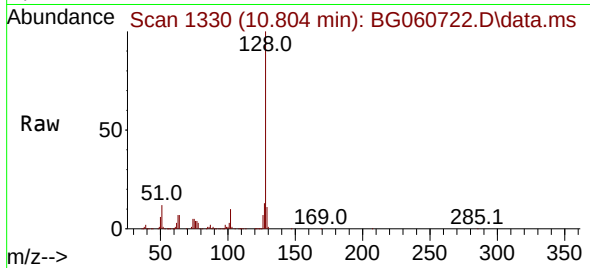




#31
Naphthalene
Concen: 46.027 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

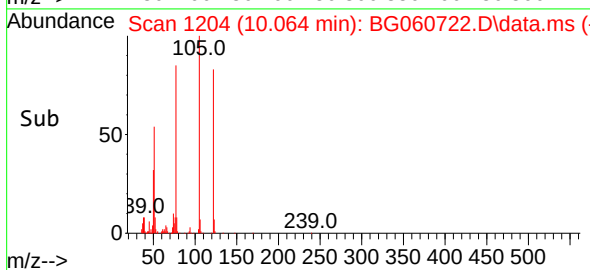
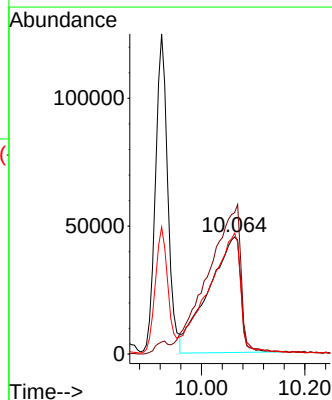
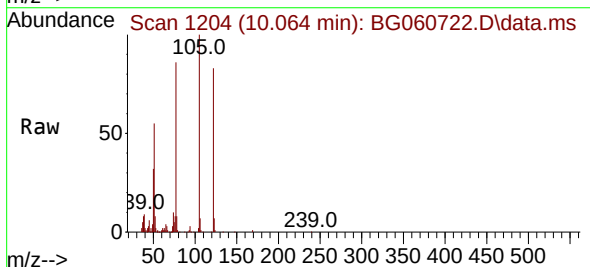
Instrument :
BNA_G
ClientSampleId :
72-11991MS

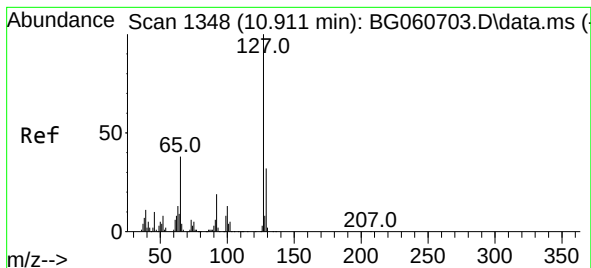
Tgt Ion:128 Resp: 813256
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 54.320 ng
RT: 10.064 min Scan# 1204
Delta R.T. 0.023 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:122 Resp: 195112
Ion Ratio Lower Upper
122 100
105 120.8 104.5 144.5
77 103.3 85.3 125.3





#33

4-Chloroaniline

Concen: 16.648 ng

RT: 10.904 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

Tgt Ion:127 Resp: 136627

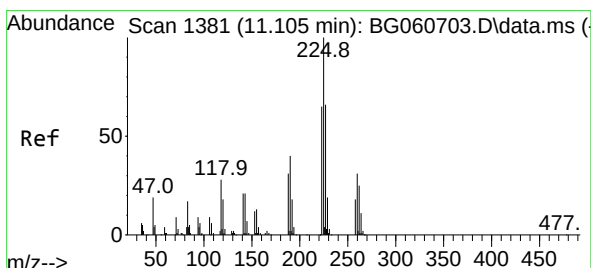
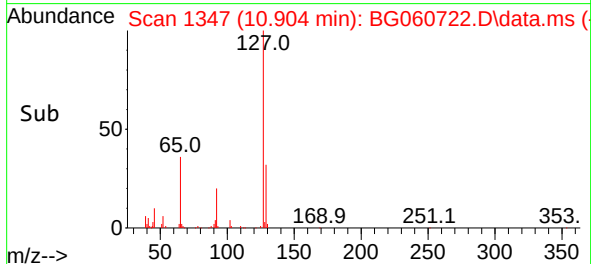
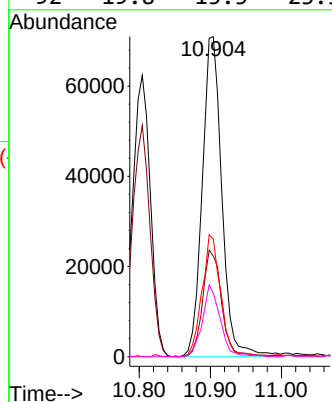
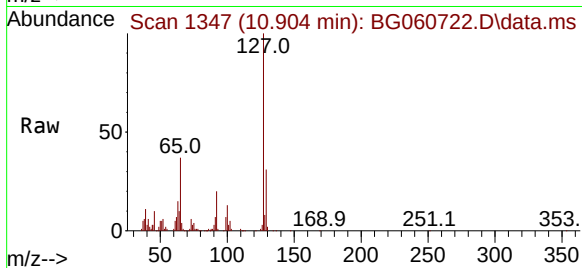
Ion Ratio Lower Upper

127 100

129 31.4 25.3 37.9

65 36.8 30.2 45.2

92 19.8 15.5 23.3



#34

Hexachlorobutadiene

Concen: 46.389 ng

RT: 11.098 min Scan# 1380

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

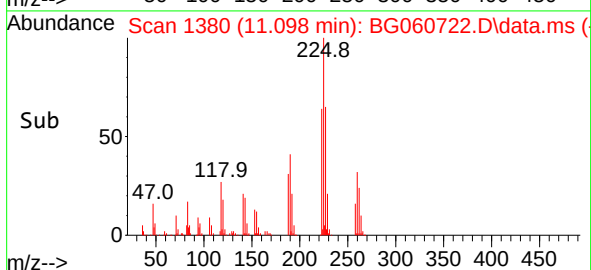
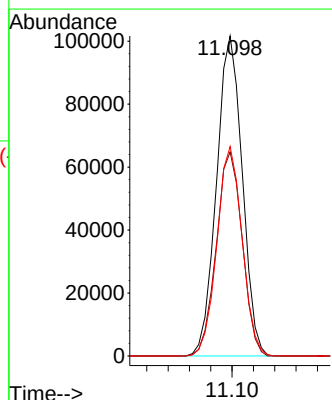
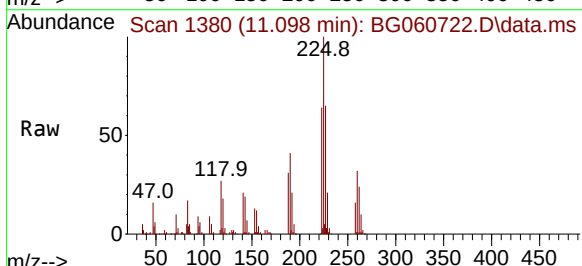
Tgt Ion:225 Resp: 170261

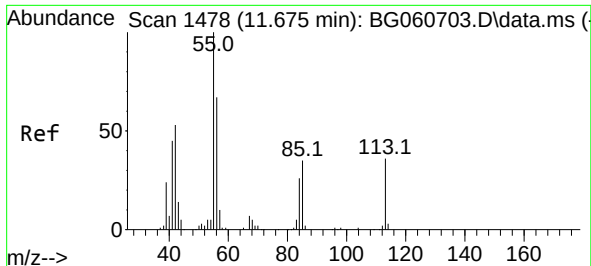
Ion Ratio Lower Upper

225 100

223 63.7 52.0 78.0

227 65.5 52.5 78.7

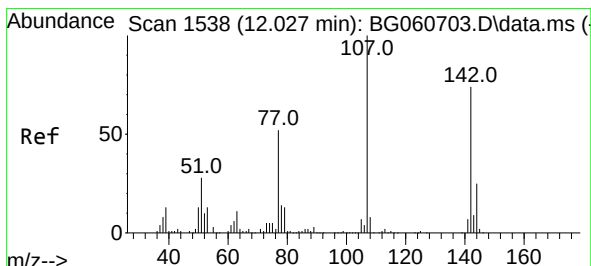
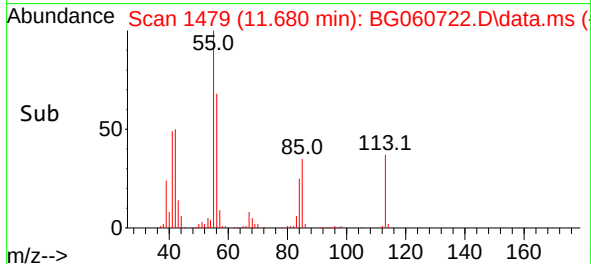
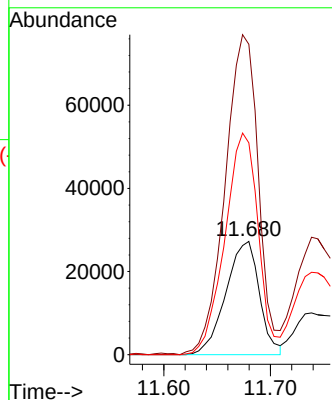
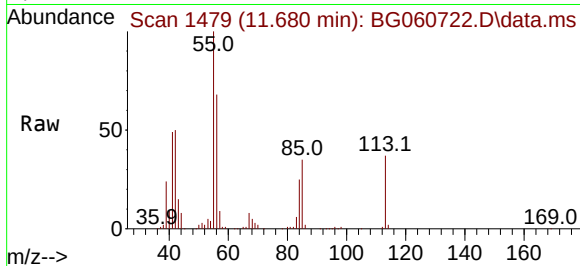




#35
Caprolactam
Concen: 30.938 ng
RT: 11.680 min Scan# 1478
Delta R.T. 0.005 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

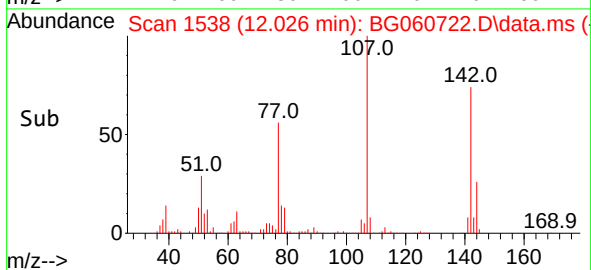
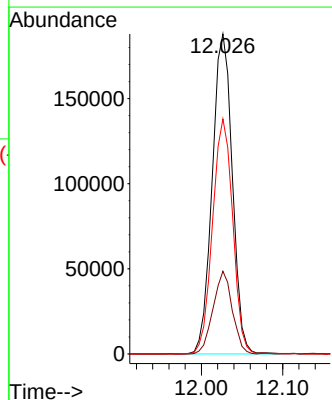
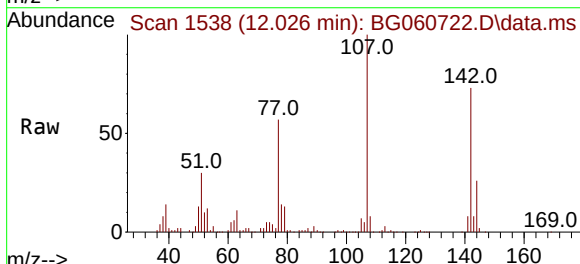
Instrument :
BNA_G
ClientSampleId :
72-11991MS

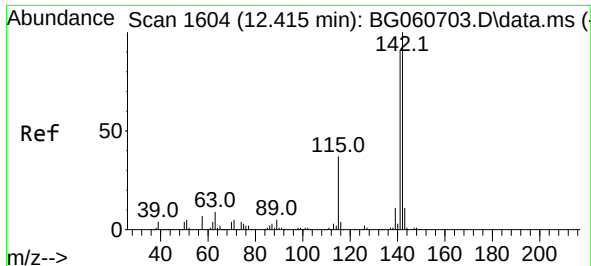
Tgt Ion:113	Resp:	59595
Ion Ratio	Lower	Upper
113	100	
55	273.9	258.0 298.0
56	187.0	166.3 206.3



#36
4-Chloro-3-methylphenol
Concen: 51.991 ng
RT: 12.026 min Scan# 1538
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:107	Resp:	323018
Ion Ratio	Lower	Upper
107	100	
144	25.9	20.0 30.0
142	73.5	59.2 88.8





#37

2-Methylnaphthalene

Concen: 45.636 ng

RT: 12.408 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

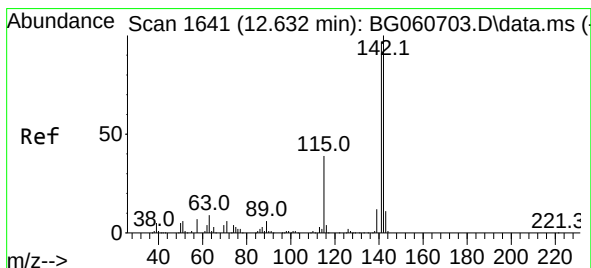
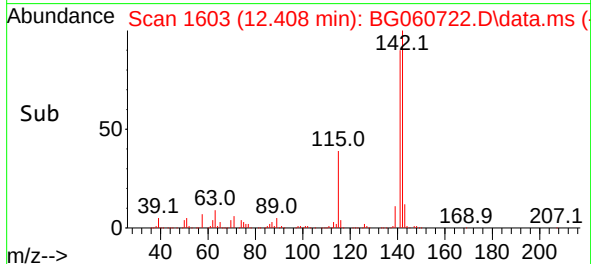
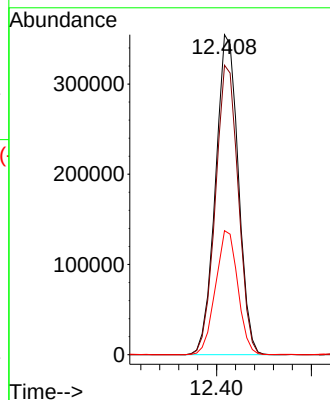
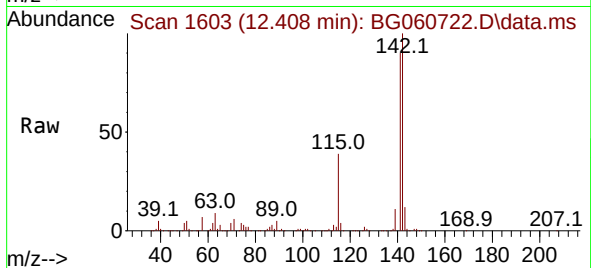
Tgt Ion:142 Resp: 592824

Ion Ratio Lower Upper

142 100

141 90.5 72.7 109.1

115 38.8 29.9 44.9



#38

1-Methylnaphthalene

Concen: 45.638 ng

RT: 12.632 min Scan# 1641

Delta R.T. -0.001 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

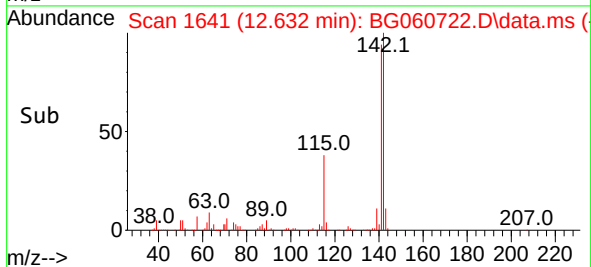
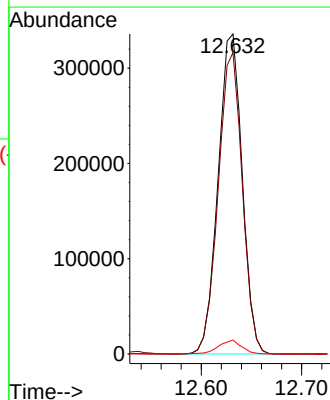
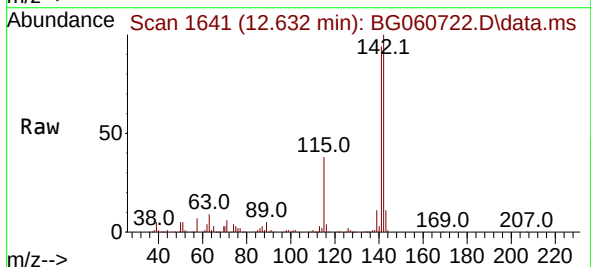
Tgt Ion:142 Resp: 560059

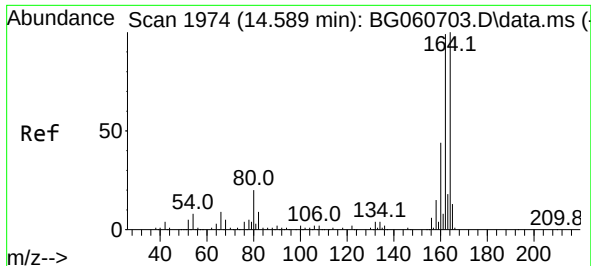
Ion Ratio Lower Upper

142 100

141 94.2 77.7 116.5

116 4.4 3.4 5.2

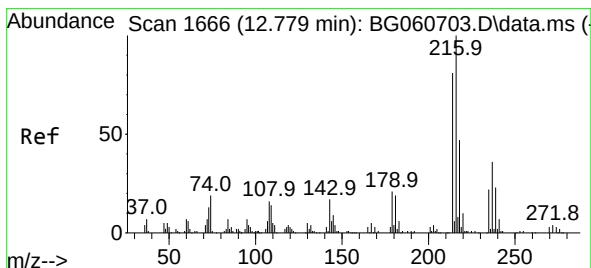
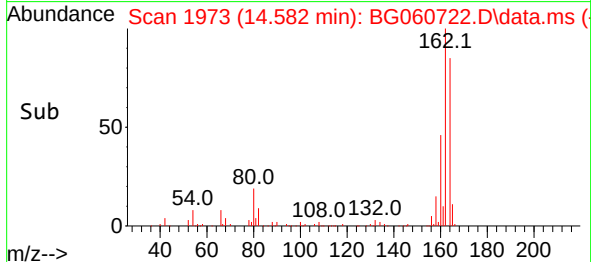
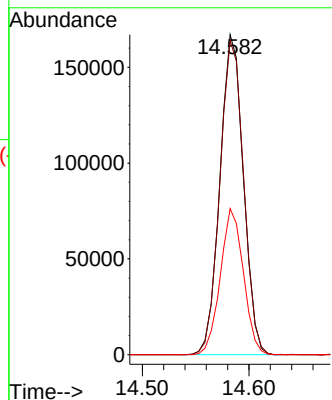
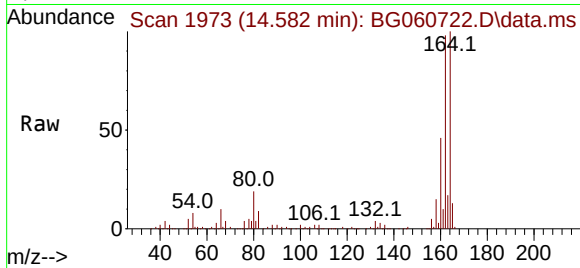




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1974
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

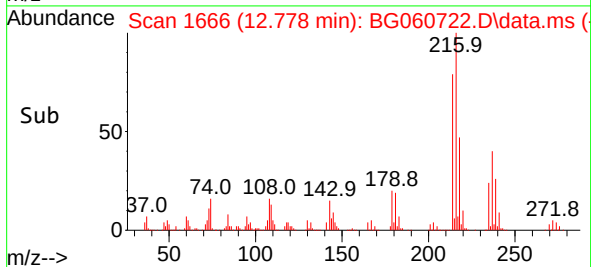
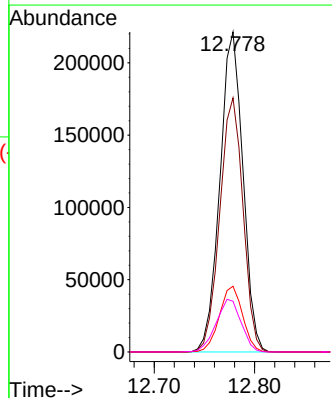
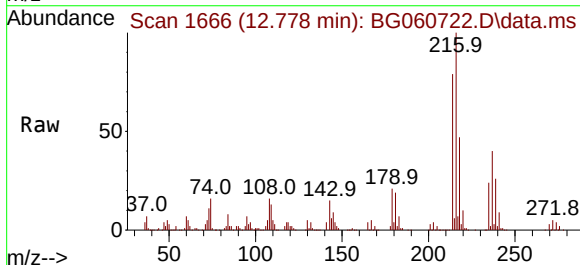
Instrument :
BNA_G
ClientSampleId :
72-11991MS

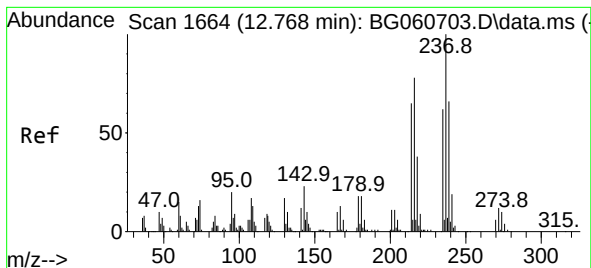
Tgt Ion:164 Resp: 254791
Ion Ratio Lower Upper
164 100
162 98.2 79.5 119.3
160 45.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.108 ng
RT: 12.778 min Scan# 1666
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:216 Resp: 352390
Ion Ratio Lower Upper
216 100
214 79.9 63.1 94.7
179 20.8 16.7 25.1
108 17.9 13.8 20.6

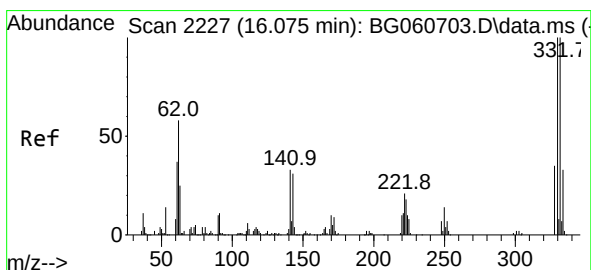
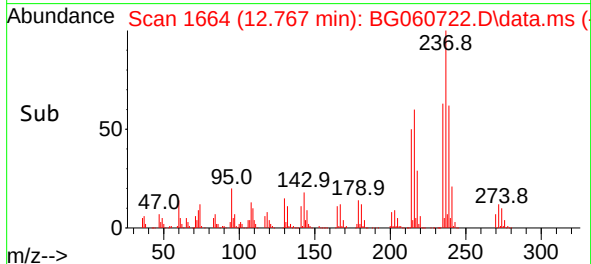
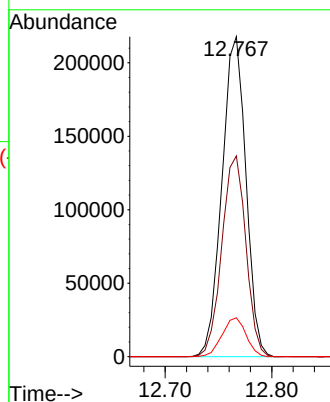
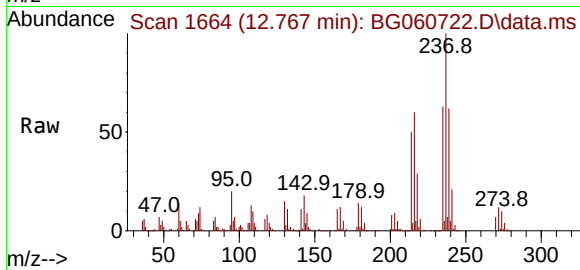




#41
Hexachlorocyclopentadiene
Concen: 91.215 ng
RT: 12.767 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

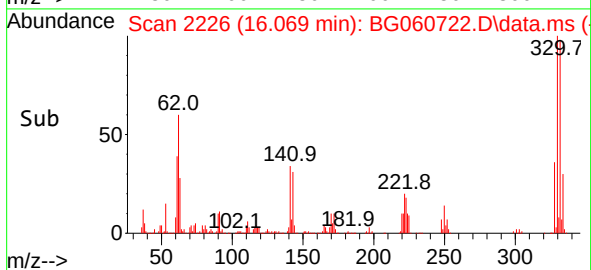
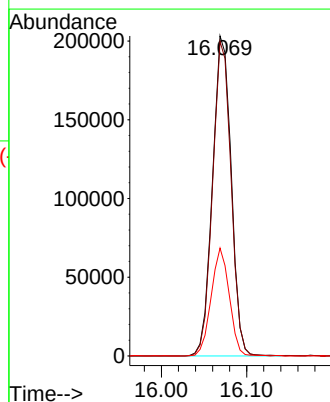
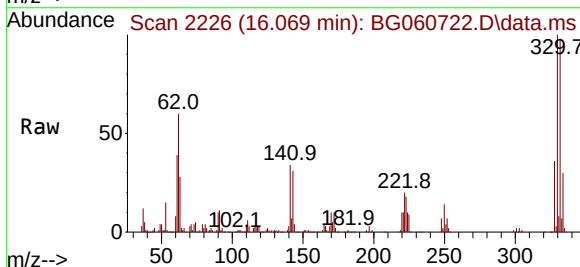
Instrument :
BNA_G
ClientSampleId :
72-11991MS

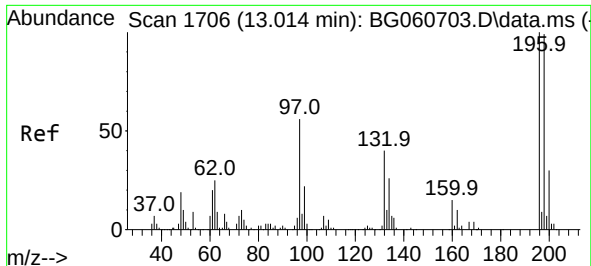
Tgt Ion:237 Resp: 339739
Ion Ratio Lower Upper
237 100
235 62.8 42.0 82.0
272 12.2 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 106.917 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

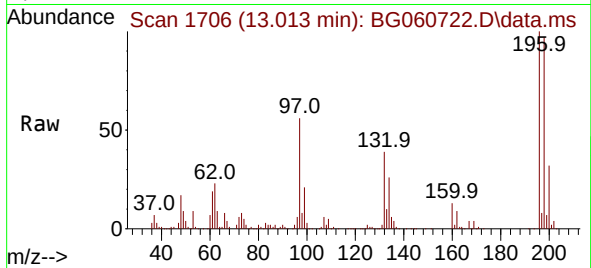
Tgt Ion:330 Resp: 309234
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 32.7 27.0 40.6



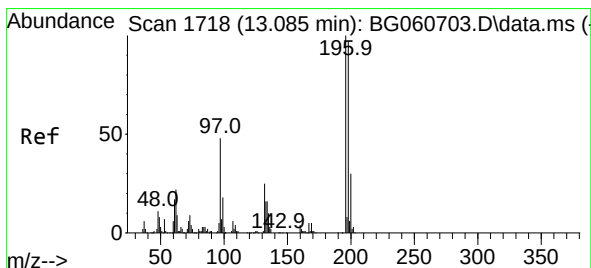
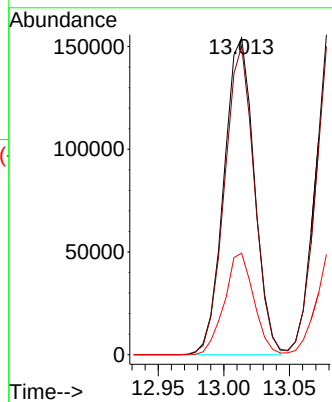
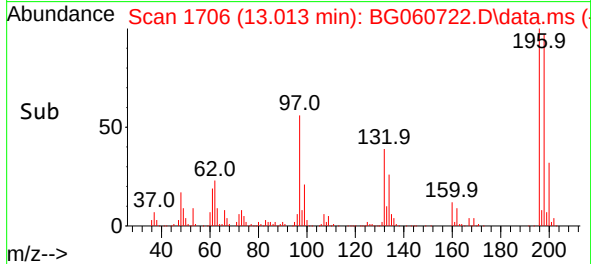


#43
2,4,6-Trichlorophenol
Concen: 52.698 ng
RT: 13.013 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

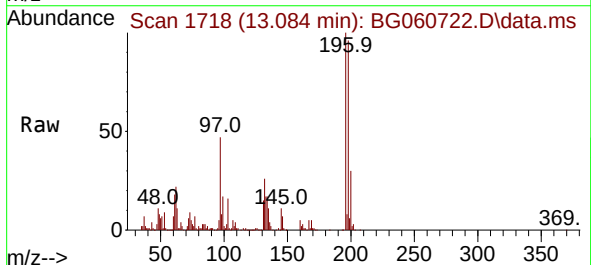
Instrument :
BNA_G
ClientSampleId :
72-11991MS



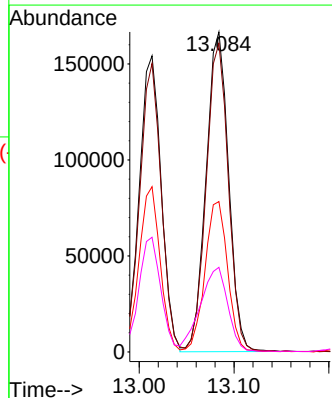
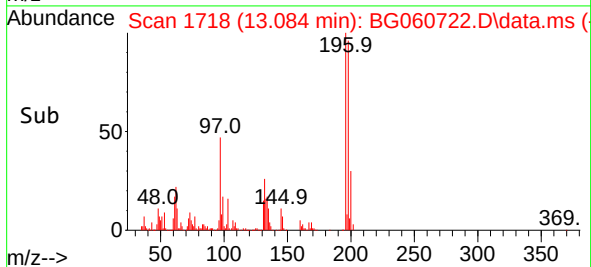
Tgt Ion:196 Resp: 248555
Ion Ratio Lower Upper
196 100
198 97.4 79.1 118.7
200 32.0 24.0 36.0

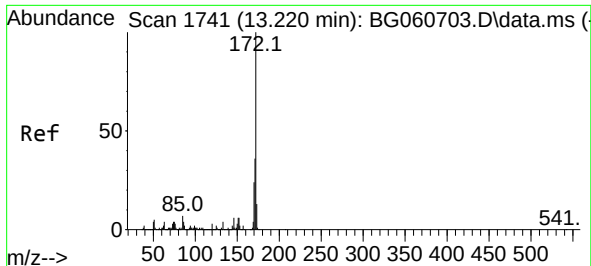


#44
2,4,5-Trichlorophenol
Concen: 48.974 ng
RT: 13.084 min Scan# 1718
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34



Tgt Ion:196 Resp: 275662
Ion Ratio Lower Upper
196 100
198 96.4 77.8 116.8
97 47.0 38.2 57.4
132 26.5 20.3 30.5

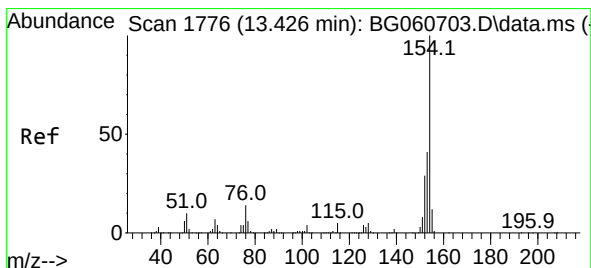
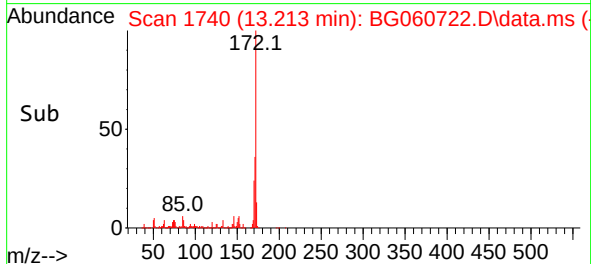
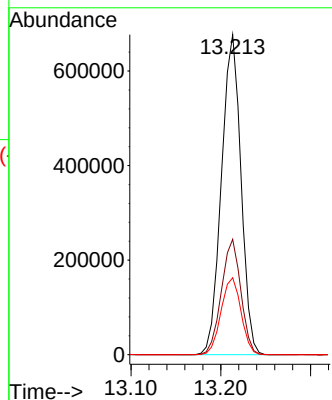
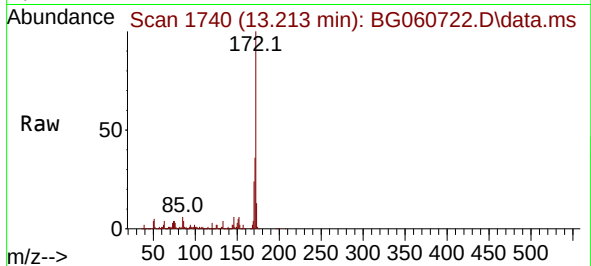




#45
2-Fluorobiphenyl
Concen: 58.712 ng
RT: 13.213 min Scan# 1740
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

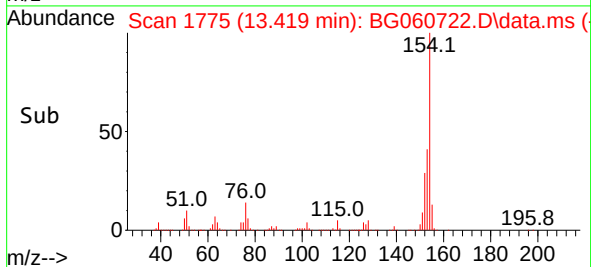
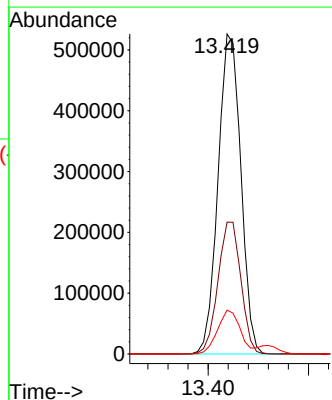
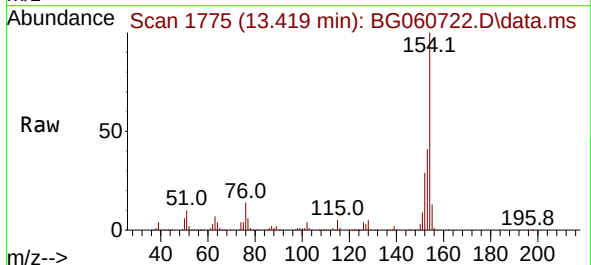
Instrument :
BNA_G
ClientSampleId :
72-11991MS

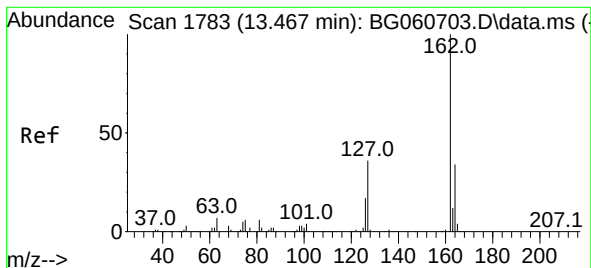
Tgt Ion:172 Resp: 1019282
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.0 19.4 29.0



#46
1,1'-Biphenyl
Concen: 45.999 ng
RT: 13.419 min Scan# 1775
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:154 Resp: 827829
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 13.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 47.737 ng

RT: 13.460 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

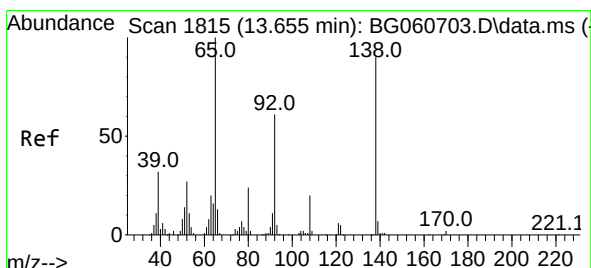
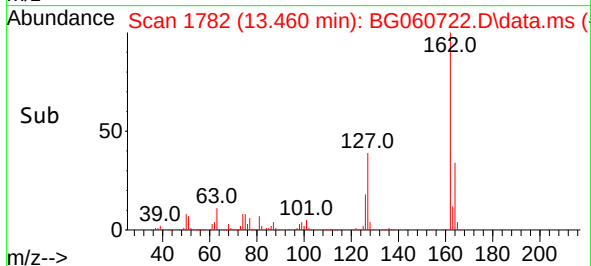
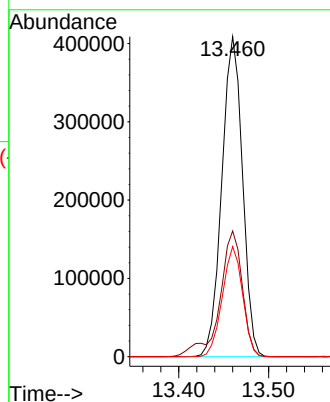
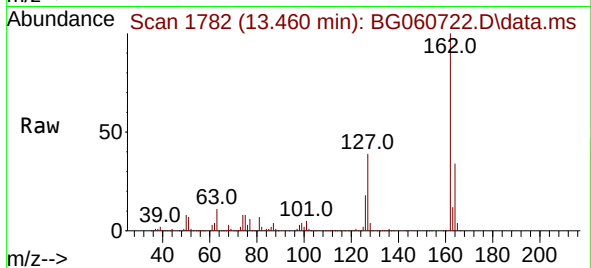
Tgt Ion:162 Resp: 652723

Ion Ratio Lower Upper

162 100

127 39.3 30.6 46.0

164 34.4 26.9 40.3



#48

2-Nitroaniline

Concen: 49.562 ng

RT: 13.654 min Scan# 1815

Delta R.T. -0.001 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

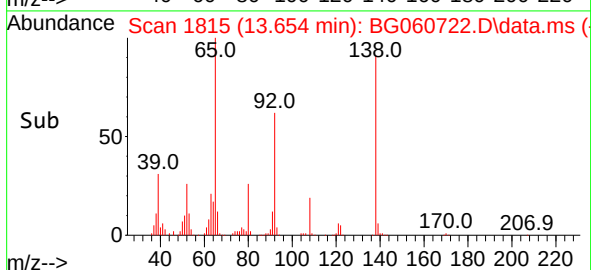
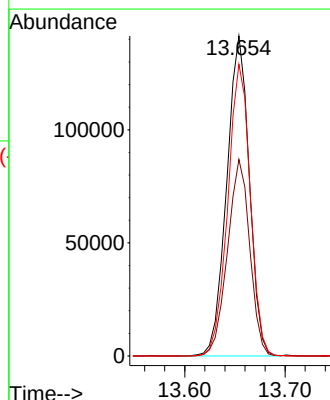
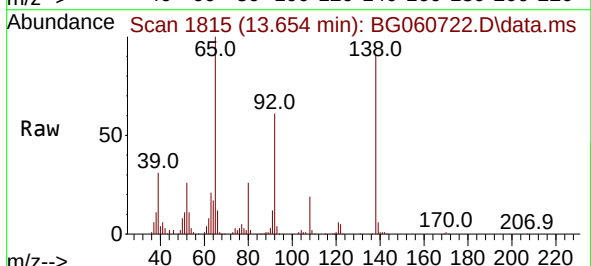
Tgt Ion: 65 Resp: 220969

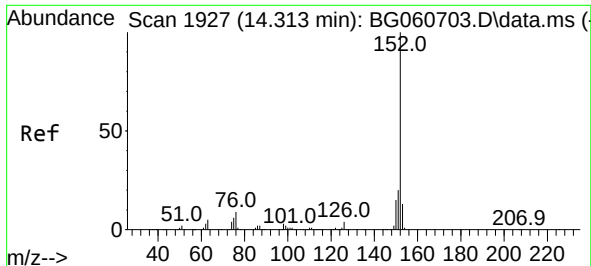
Ion Ratio Lower Upper

65 100

92 61.4 48.6 72.8

138 91.2 72.2 108.4

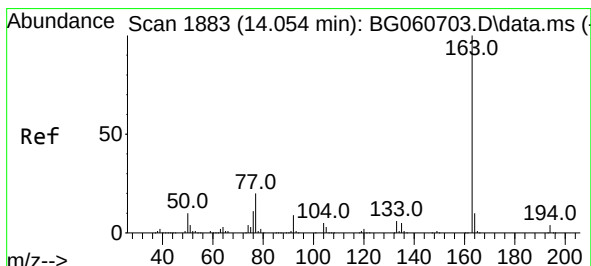
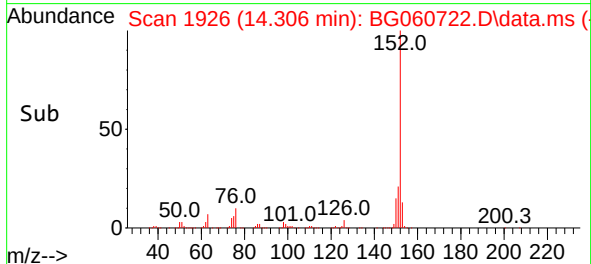
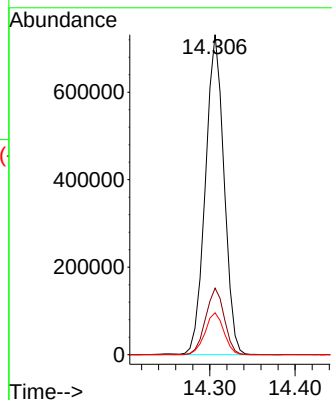
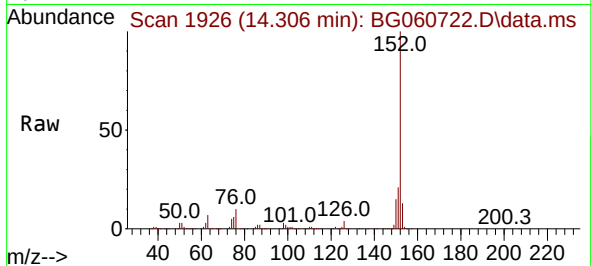




#49
Acenaphthylene
Concen: 48.259 ng
RT: 14.306 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

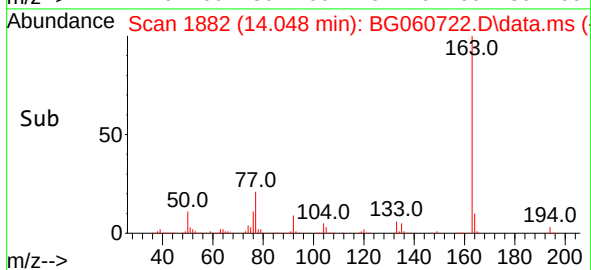
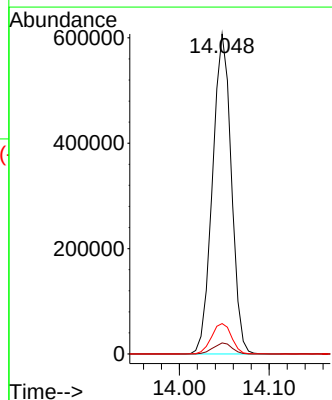
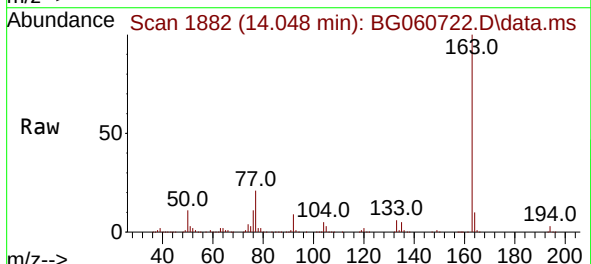
Instrument :
BNA_G
ClientSampleId :
72-11991MS

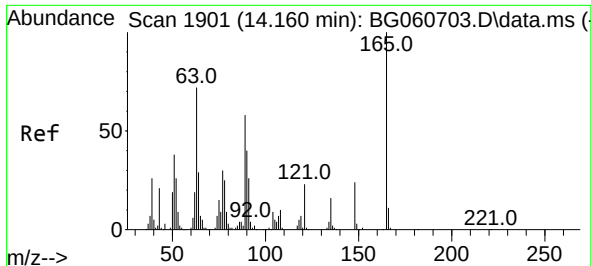
Tgt Ion:152 Resp: 1108740
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 43.838 ng
RT: 14.048 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:163 Resp: 882844
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 9.5 7.9 11.9

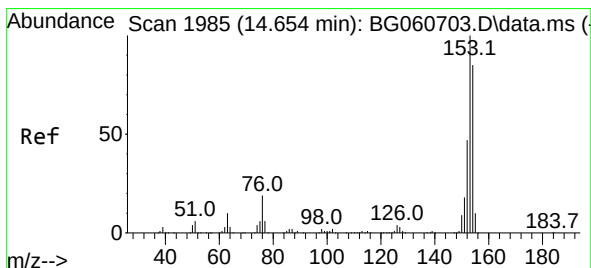
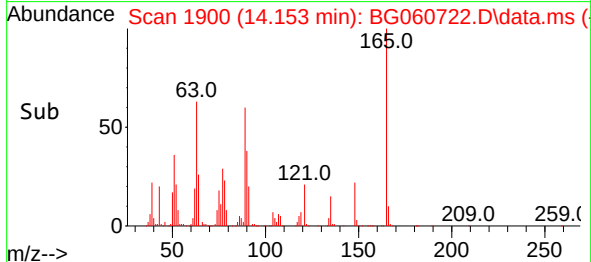
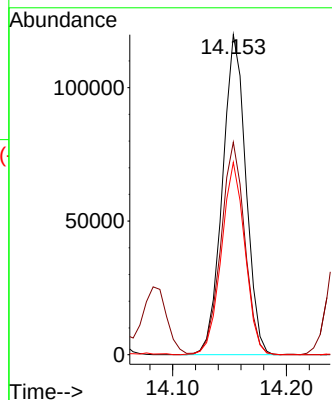
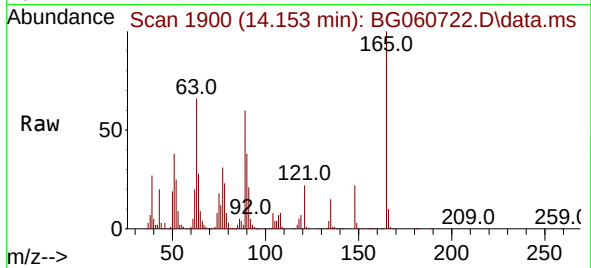




#51
2,6-Dinitrotoluene
Concen: 47.572 ng
RT: 14.153 min Scan# 1901
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

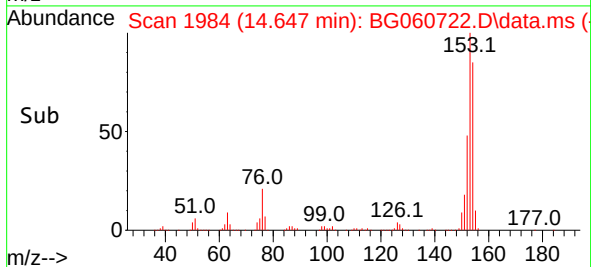
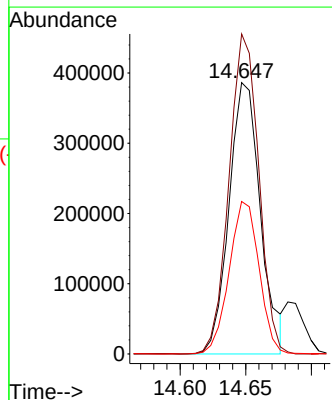
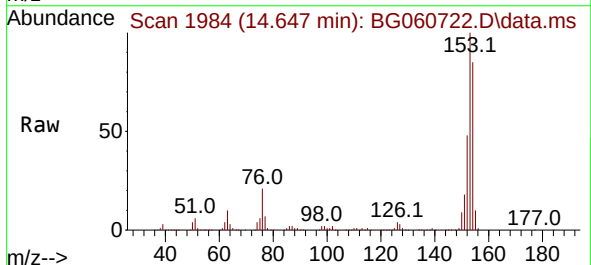
Instrument :
BNA_G
ClientSampleId :
72-11991MS

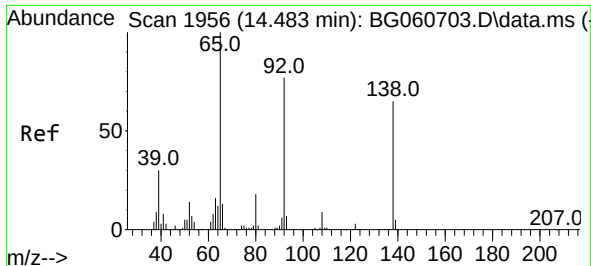
Tgt Ion:165 Resp: 171413
Ion Ratio Lower Upper
165 100
63 66.4 58.2 87.4
89 60.1 46.1 69.1



#52
Acenaphthene
Concen: 44.653 ng
RT: 14.647 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:154 Resp: 644127
Ion Ratio Lower Upper
154 100
153 117.9 93.9 140.9
152 56.2 44.1 66.1

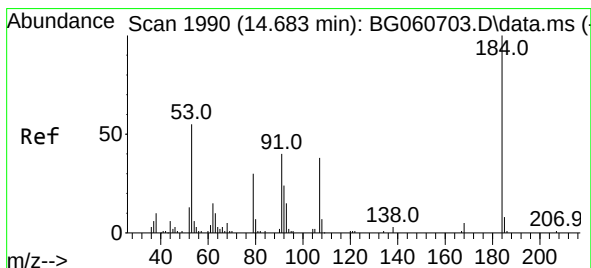
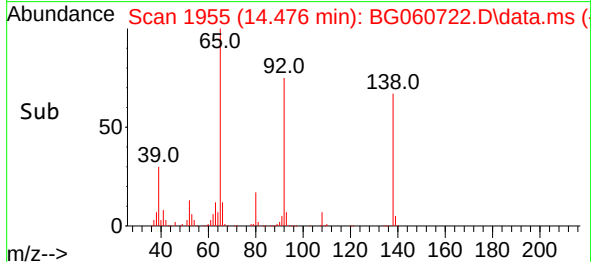
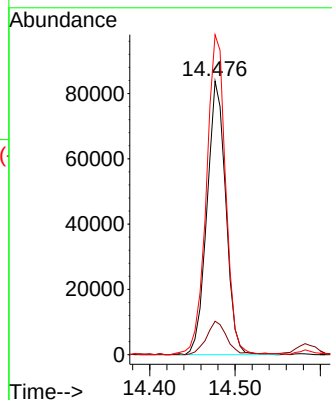
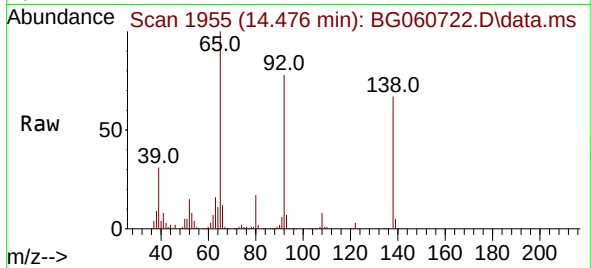




#53
3-Nitroaniline
Concen: 33.313 ng
RT: 14.476 min Scan# 1956
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

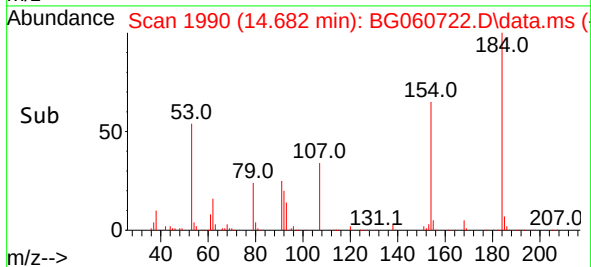
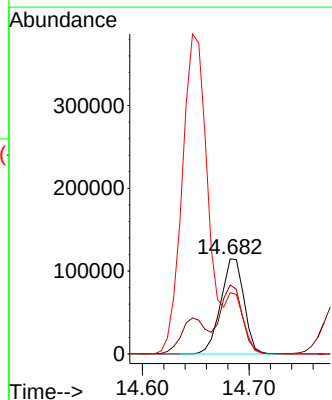
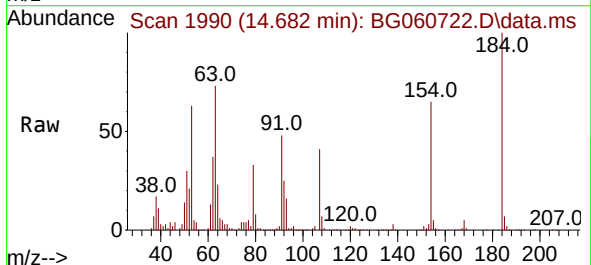
Instrument :
BNA_G
ClientSampleId :
72-11991MS

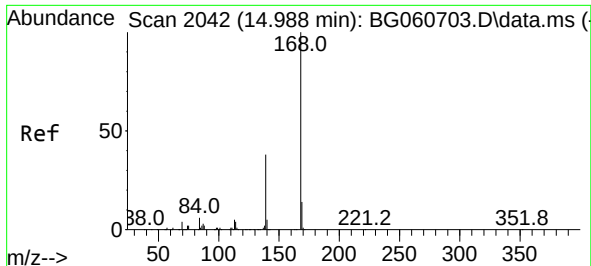
Tgt Ion:138 Resp: 128101
Ion Ratio Lower Upper
138 100
108 12.2 11.3 16.9
92 116.9 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 124.139 ng
RT: 14.682 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:184 Resp: 174017
Ion Ratio Lower Upper
184 100
63 72.6 51.3 76.9
154 64.6 59.9 89.9

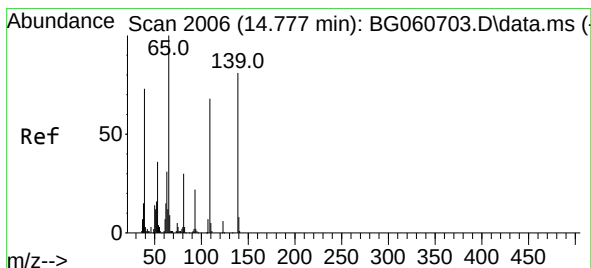
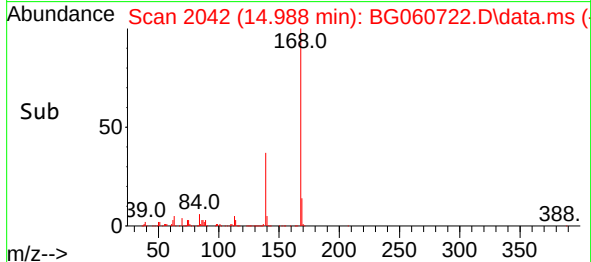
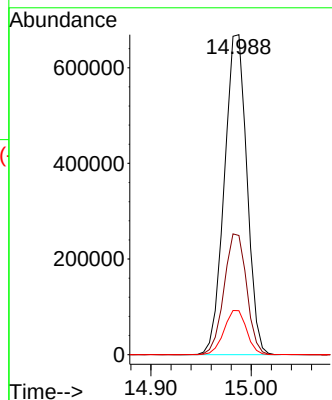
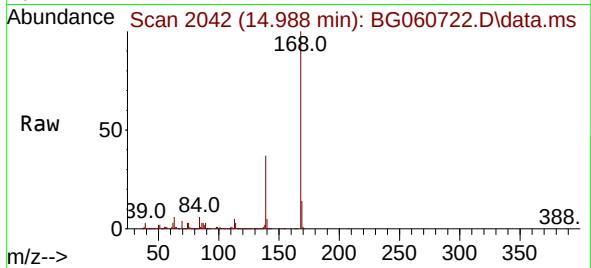




#55
Dibenzofuran
Concen: 45.873 ng
RT: 14.988 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

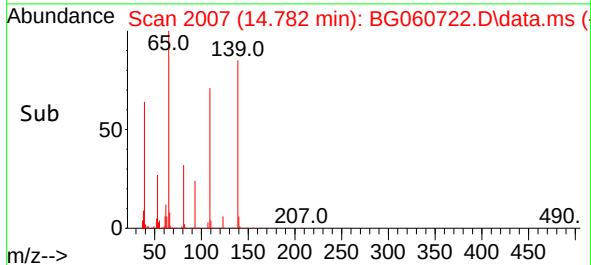
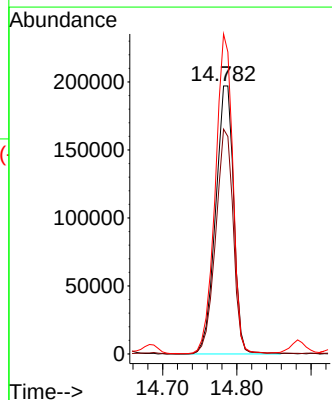
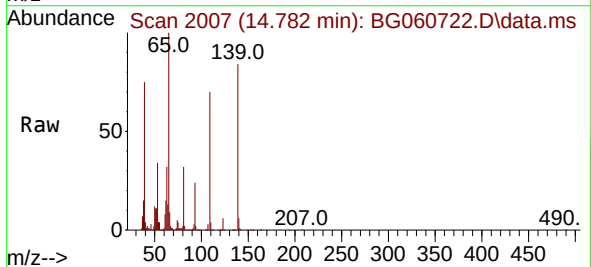
Instrument :
BNA_G
ClientSampleId :
72-11991MS

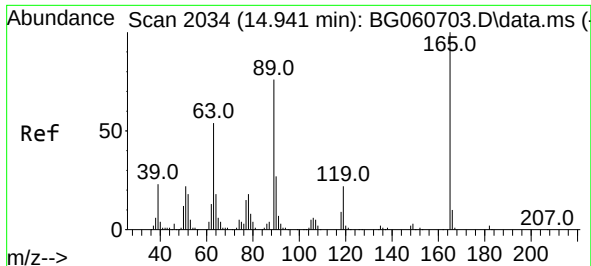
Tgt Ion:168 Resp: 1043759
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 113.103 ng
RT: 14.782 min Scan# 2007
Delta R.T. 0.005 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:139 Resp: 332985
Ion Ratio Lower Upper
139 100
109 83.9 64.0 104.0
65 119.4 104.3 144.3





#57

2,4-Dinitrotoluene

Concen: 51.263 ng

RT: 14.941 min Scan# 20

Delta R.T. -0.000 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

Tgt Ion:165 Resp: 242291

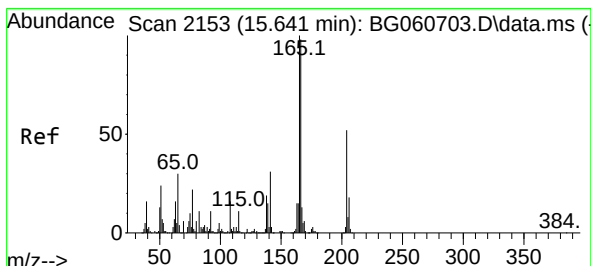
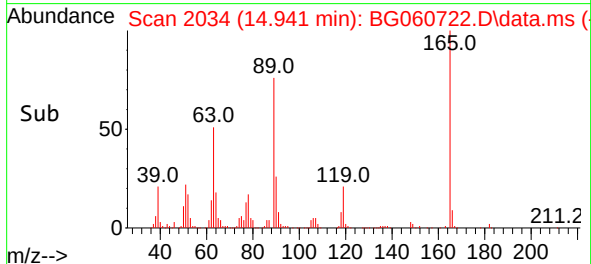
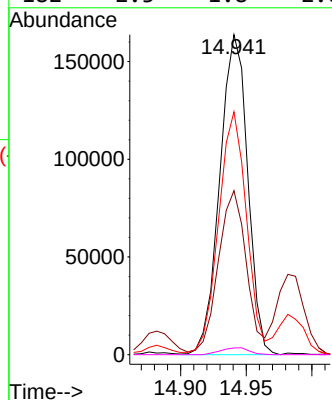
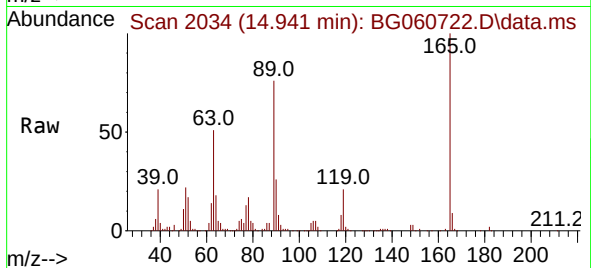
Ion Ratio Lower Upper

165 100

63 51.2 43.4 65.0

89 75.9 61.0 91.6

182 2.3 1.8 2.6



#58

Fluorene

Concen: 44.874 ng

RT: 15.634 min Scan# 2152

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

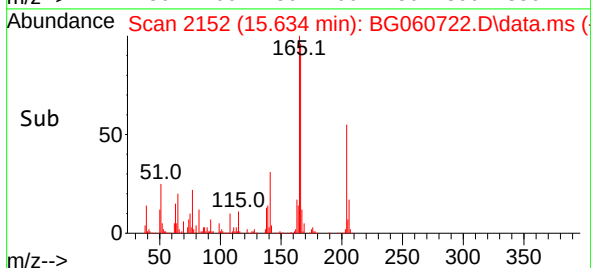
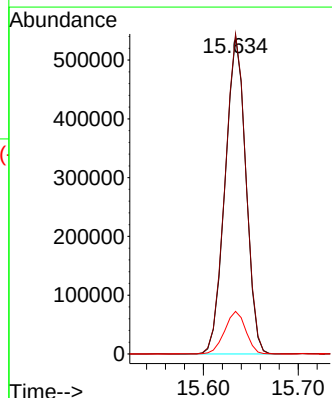
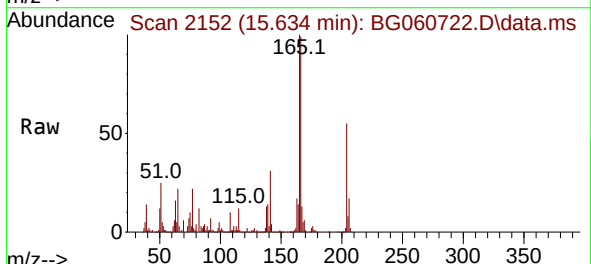
Tgt Ion:166 Resp: 819446

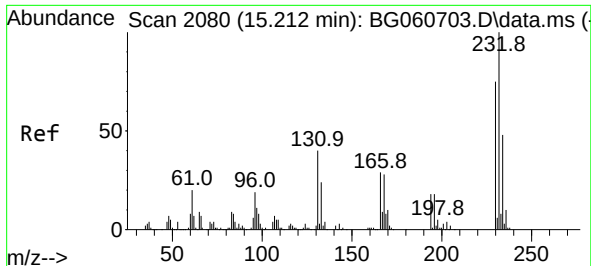
Ion Ratio Lower Upper

166 100

165 100.6 81.8 122.8

167 13.4 10.9 16.3

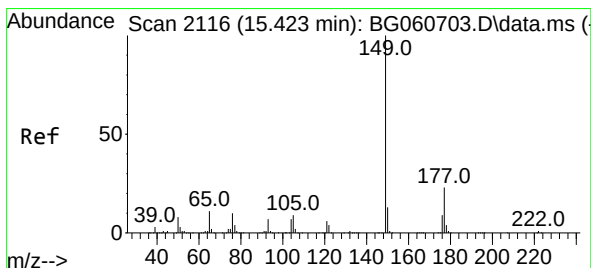
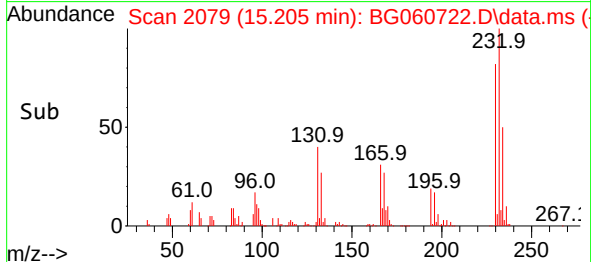
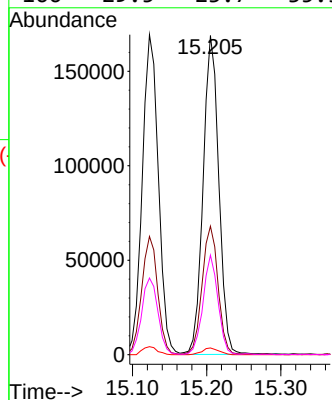
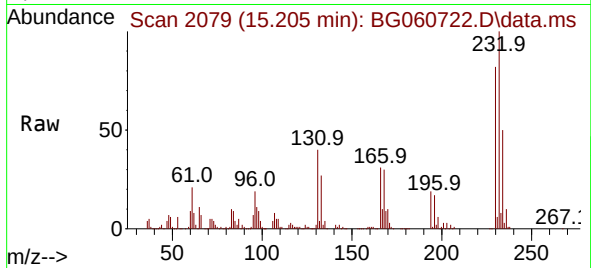




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.726 ng
RT: 15.205 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

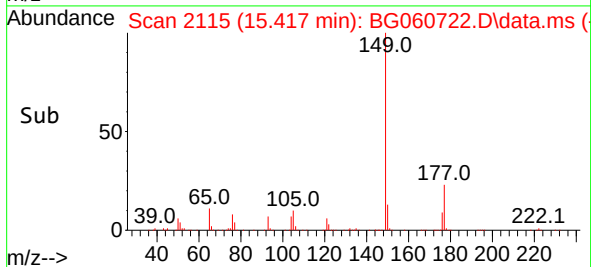
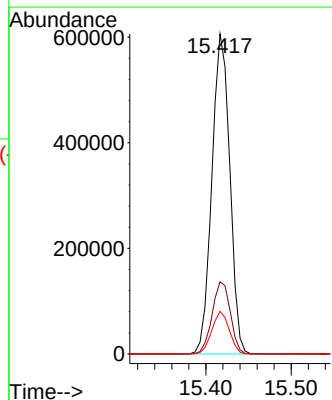
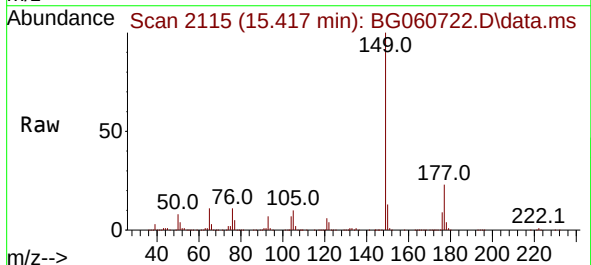
Instrument :
BNA_G
ClientSampleId :
72-11991MS

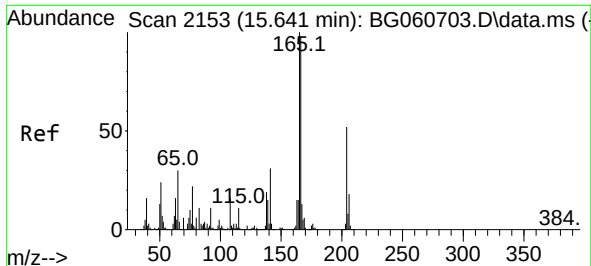
Tgt Ion:232 Resp: 248830
Ion Ratio Lower Upper
232 100
131 40.6 32.2 48.2
130 2.2 2.1 3.1
166 29.5 23.7 35.5



#60
Diethylphthalate
Concen: 43.573 ng
RT: 15.417 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:149 Resp: 882842
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 13.3 10.2 15.4

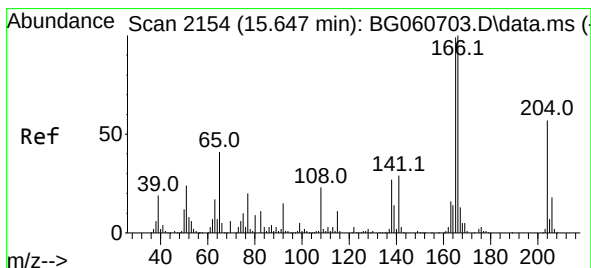
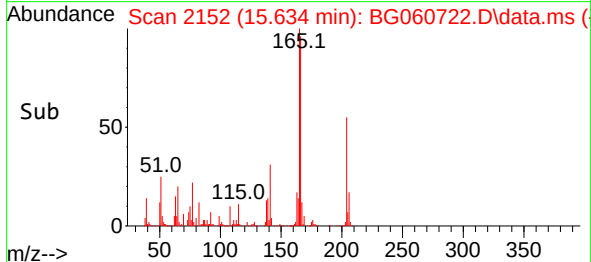
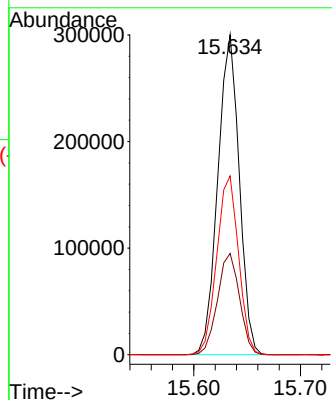
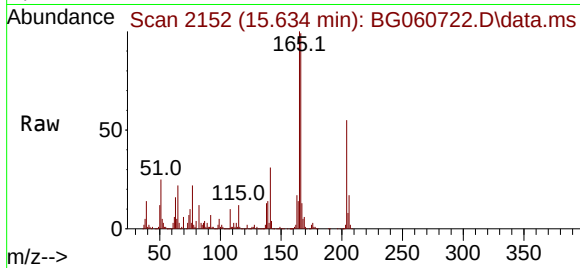




#61
4-Chlorophenyl-phenylether
Concen: 43.307 ng
RT: 15.634 min Scan# 2152
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

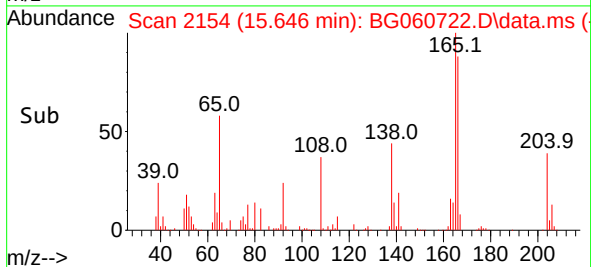
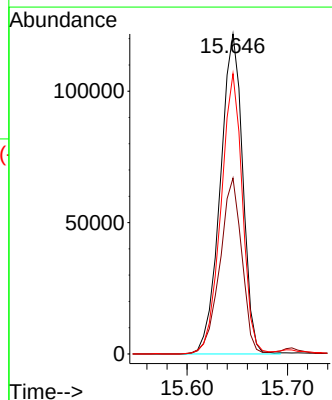
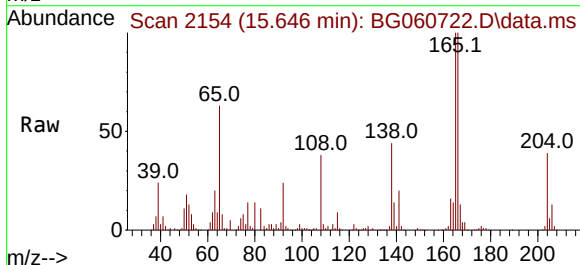
Instrument :
BNA_G
ClientSampleId :
72-11991MS

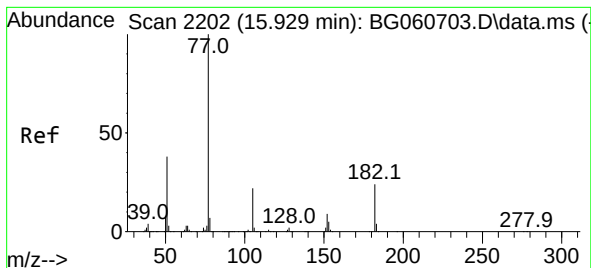
Tgt Ion:204 Resp: 418392
Ion Ratio Lower Upper
204 100
206 31.7 28.3 42.5
141 55.8 47.2 70.8



#62
4-Nitroaniline
Concen: 51.331 ng
RT: 15.646 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:138 Resp: 189001
Ion Ratio Lower Upper
138 100
92 54.9 36.8 76.8
108 87.6 66.9 106.9





#63

Azobenzene

Concen: 45.005 ng

RT: 15.928 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

Tgt Ion: 77 Resp: 888556

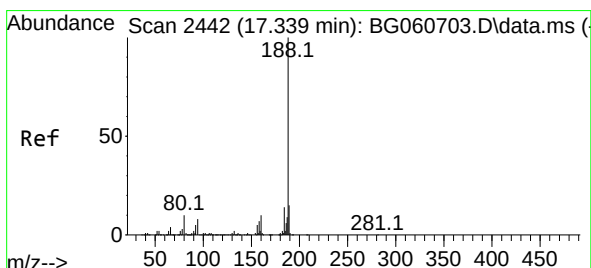
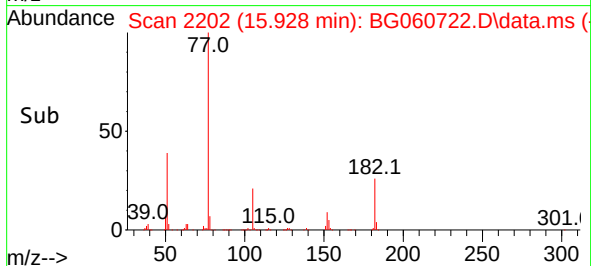
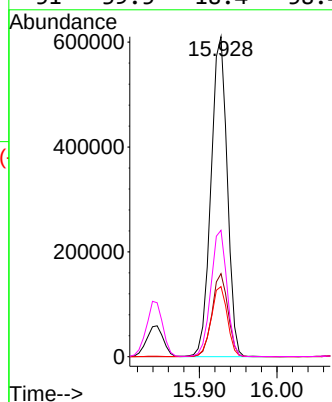
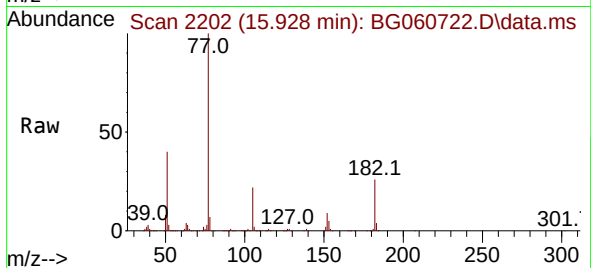
Ion Ratio Lower Upper

77 100

182 26.0 3.9 43.9

105 21.9 1.7 41.7

51 39.5 18.4 58.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.332 min Scan# 2441

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

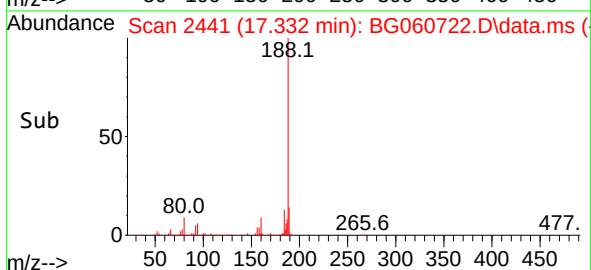
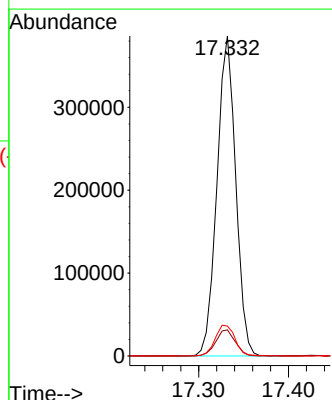
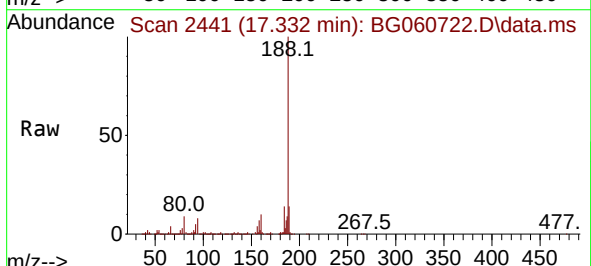
Tgt Ion:188 Resp: 559485

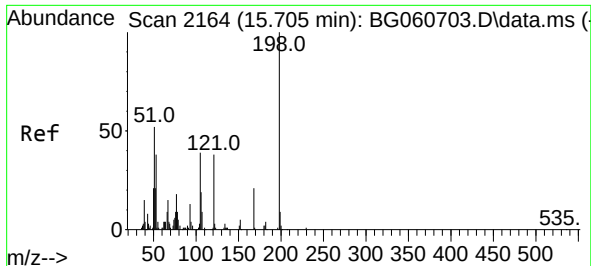
Ion Ratio Lower Upper

188 100

94 8.1 6.6 9.8

80 9.3 7.6 11.4

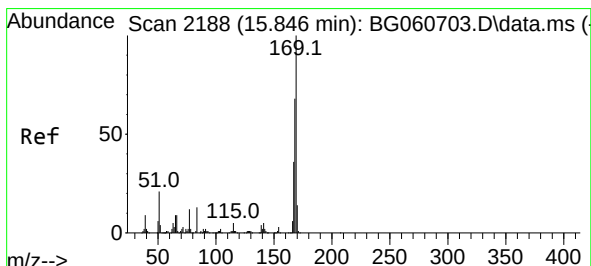
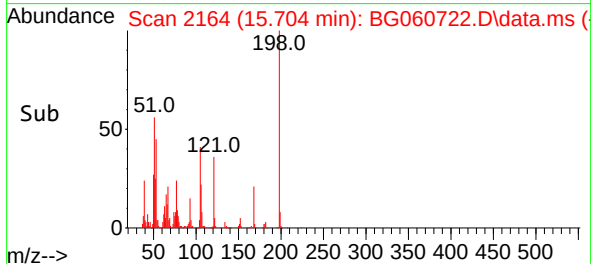
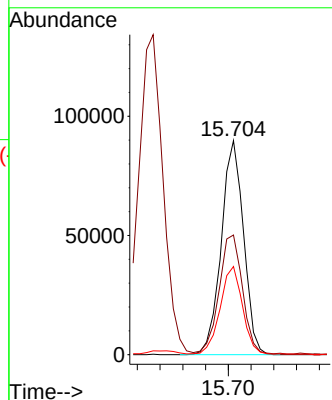
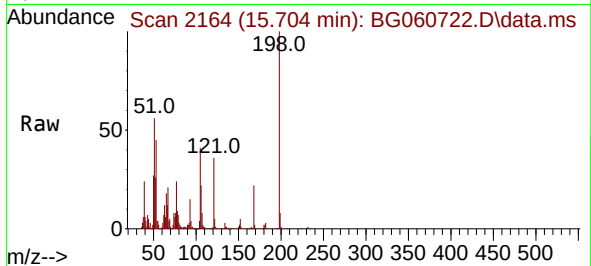




#65
4,6-Dinitro-2-methylphenol
Concen: 52.189 ng
RT: 15.704 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

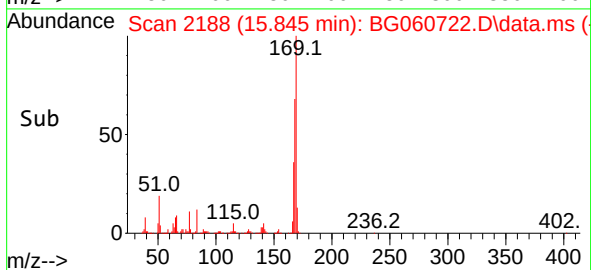
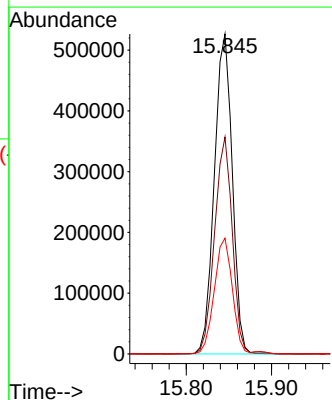
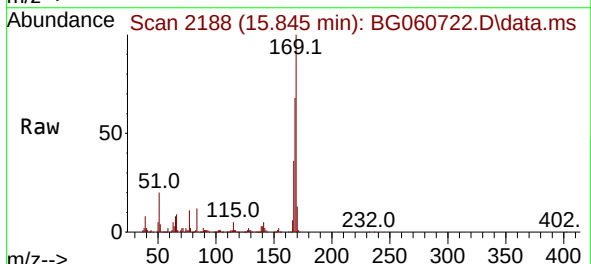
Instrument :
BNA_G
ClientSampleId :
72-11991MS

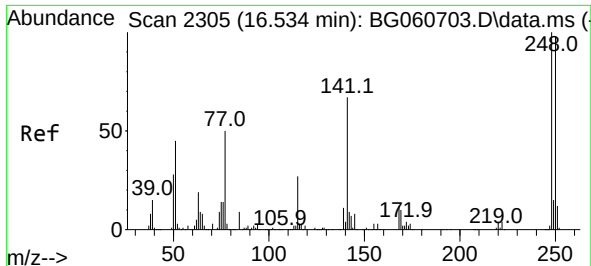
Tgt Ion:198 Resp: 122162
Ion Ratio Lower Upper
198 100
51 55.9 36.7 76.7
105 41.2 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 48.052 ng
RT: 15.845 min Scan# 2188
Delta R.T. -0.001 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:169 Resp: 768252
Ion Ratio Lower Upper
169 100
168 67.8 54.5 81.7
167 36.2 29.2 43.8

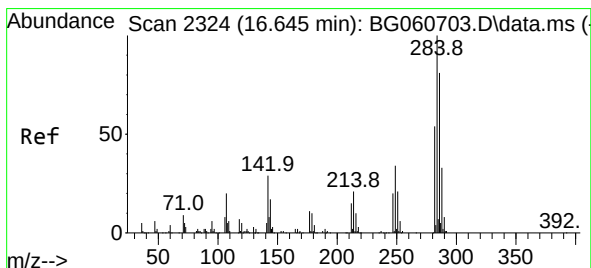
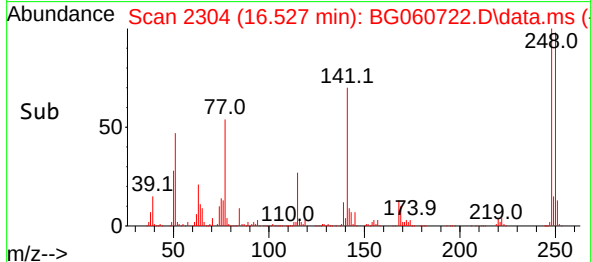
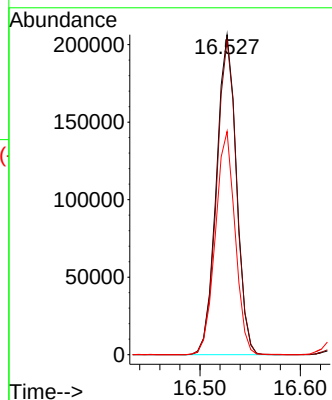
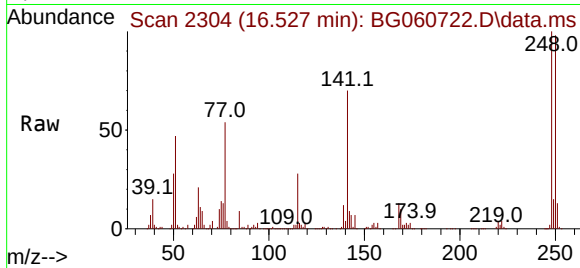




#67
4-Bromophenyl-phenylether
Concen: 50.312 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

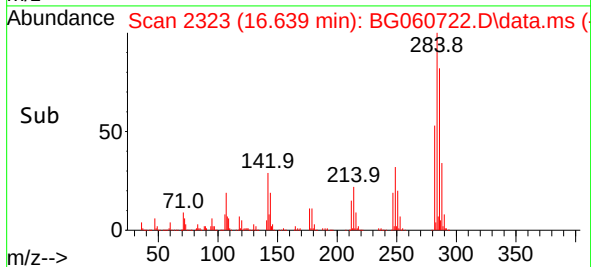
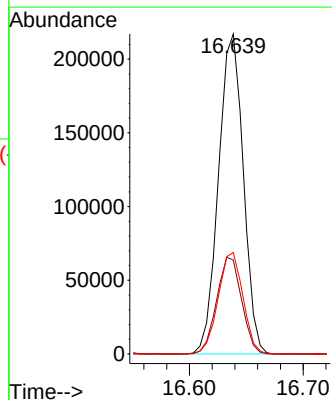
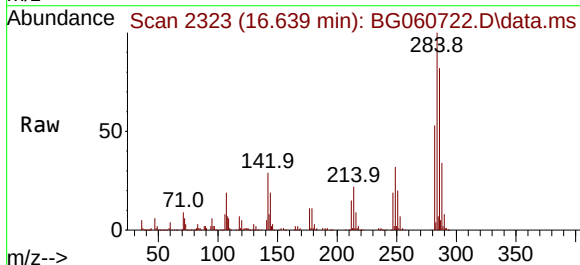
Instrument :
BNA_G
ClientSampleId :
72-11991MS

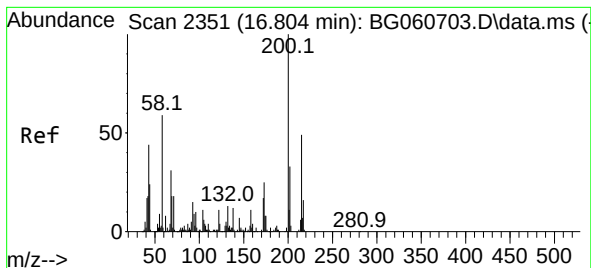
Tgt Ion:248 Resp: 285675
Ion Ratio Lower Upper
248 100
250 98.4 78.3 117.5
141 69.8 53.7 80.5



#68
Hexachlorobenzene
Concen: 51.313 ng
RT: 16.639 min Scan# 2323
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:284 Resp: 328906
Ion Ratio Lower Upper
284 100
142 29.4 22.9 34.3
249 31.7 27.1 40.7





#69

Atrazine

Concen: 50.791 ng

RT: 16.797 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

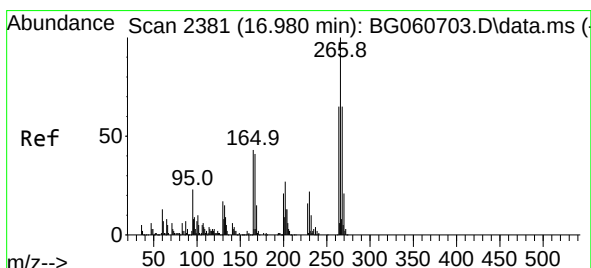
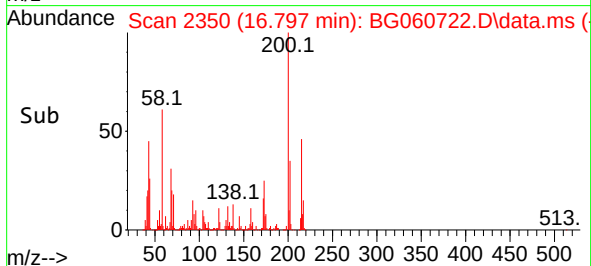
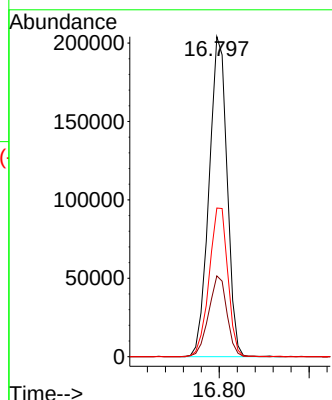
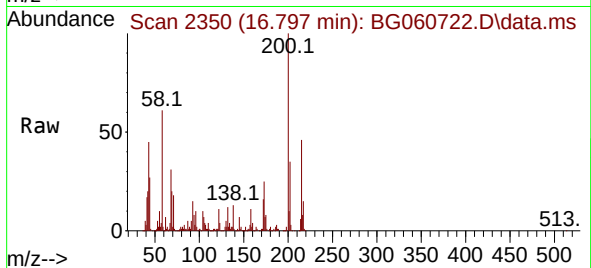
Tgt Ion:200 Resp: 283970

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

215 46.5 28.8 68.8



#70

Pentachlorophenol

Concen: 108.925 ng

RT: 16.979 min Scan# 2381

Delta R.T. -0.001 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

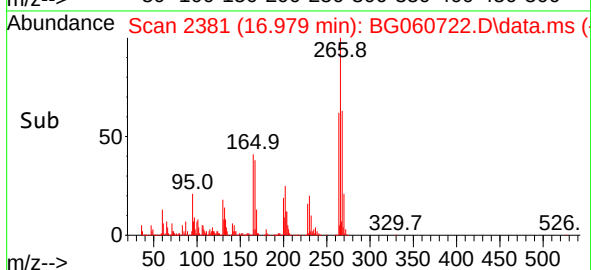
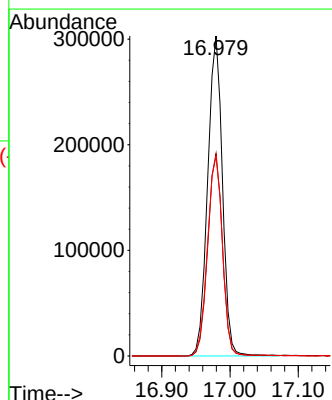
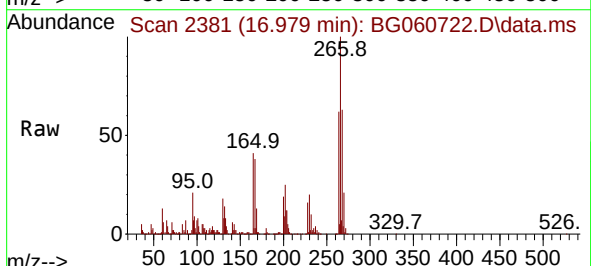
Tgt Ion:266 Resp: 455566

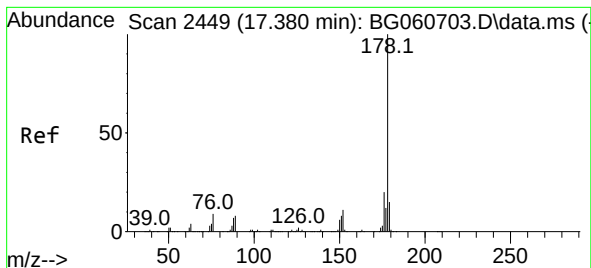
Ion Ratio Lower Upper

266 100

268 63.2 52.2 78.4

264 62.5 51.8 77.6





#71

Phenanthrene

Concen: 50.928 ng

RT: 17.373 min Scan# 2449

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

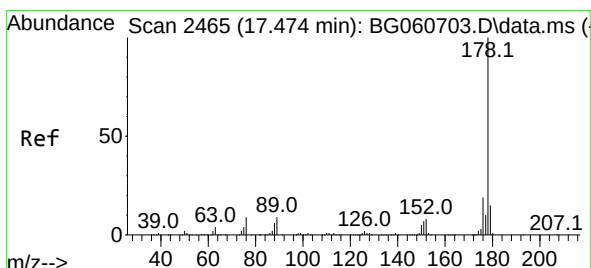
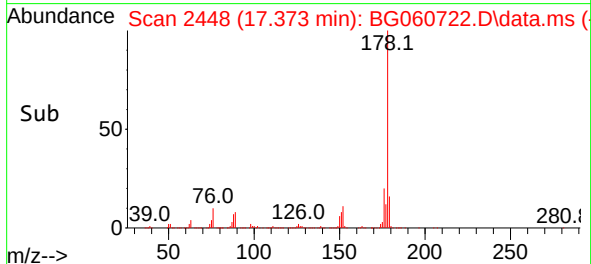
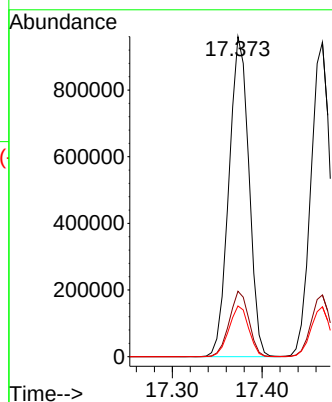
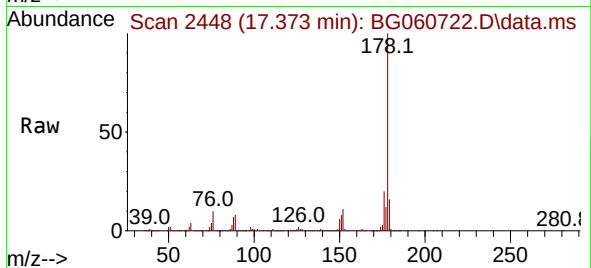
Tgt Ion:178 Resp: 1481869

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

179 15.9 12.2 18.4



#72

Anthracene

Concen: 48.073 ng

RT: 17.467 min Scan# 2464

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

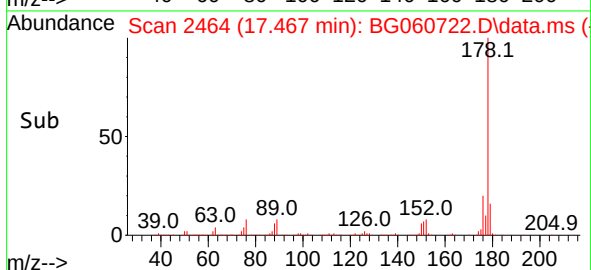
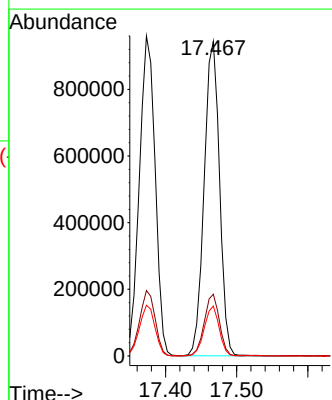
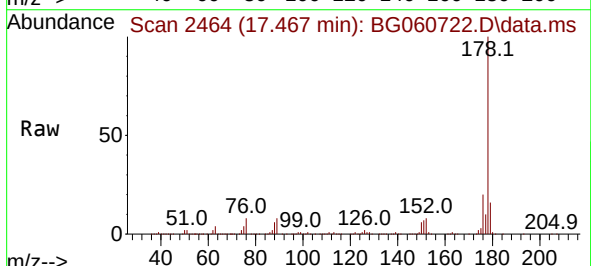
Tgt Ion:178 Resp: 1420590

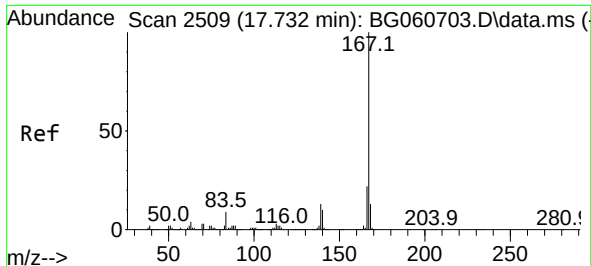
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

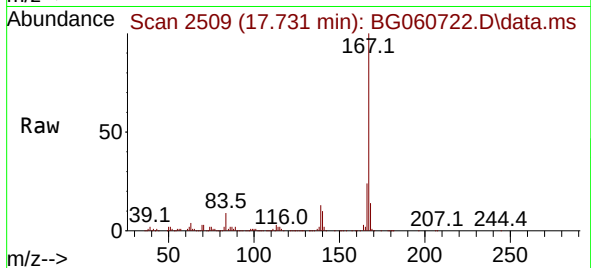
179 15.9 12.2 18.2





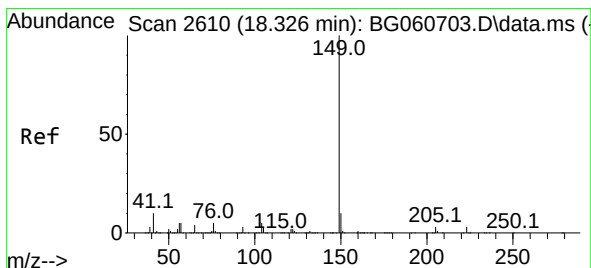
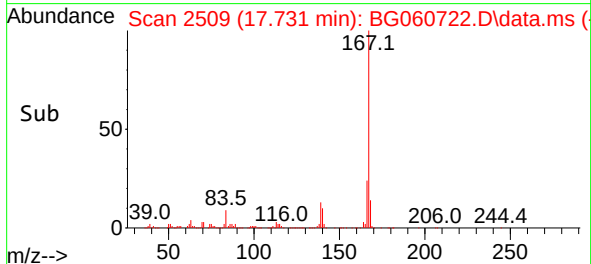
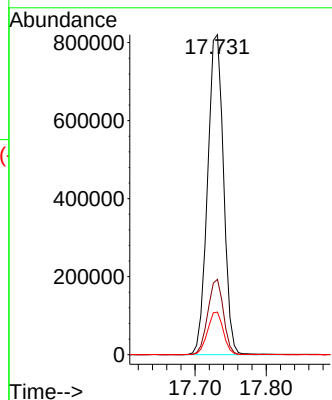
#73
 Carbazole
 Concen: 49.236 ng
 RT: 17.731 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060722.D
 Acq: 1 Apr 2024 19:34

Instrument :
 BNA_G
 ClientSampleId :
 72-11991MS



Tgt Ion:167 Resp: 1282805

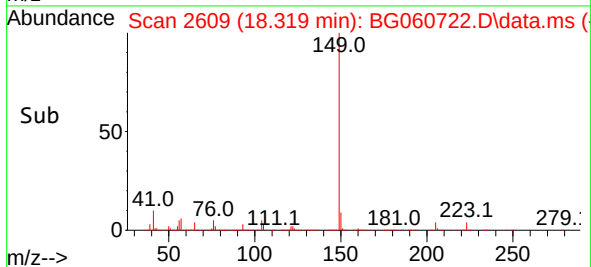
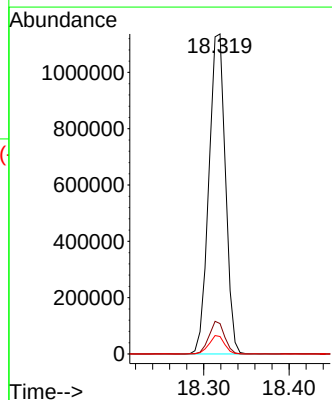
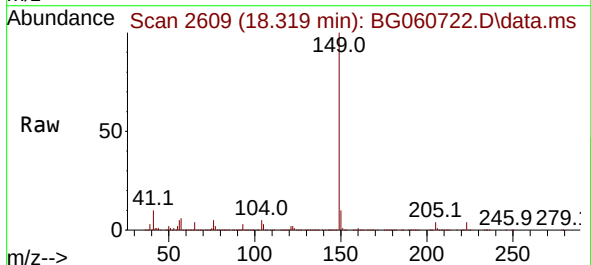
Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.0	27.0
139	13.3	10.5	15.7

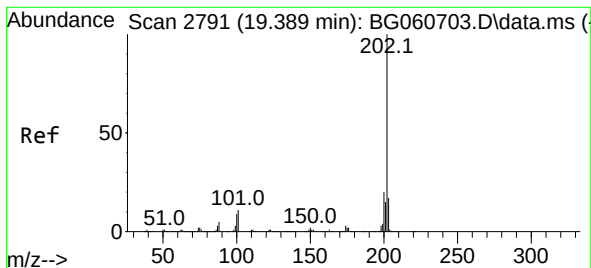


#74
 Di-n-butylphthalate
 Concen: 47.118 ng
 RT: 18.319 min Scan# 2609
 Delta R.T. -0.007 min
 Lab File: BG060722.D
 Acq: 1 Apr 2024 19:34

Tgt Ion:149 Resp: 1530488

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 54.860 ng

RT: 19.388 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

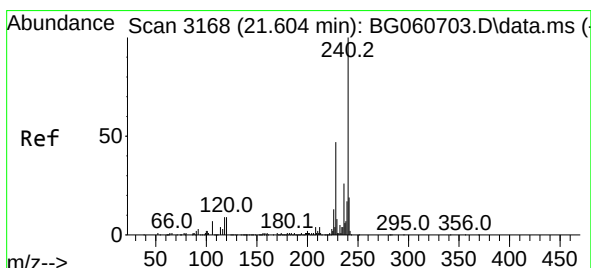
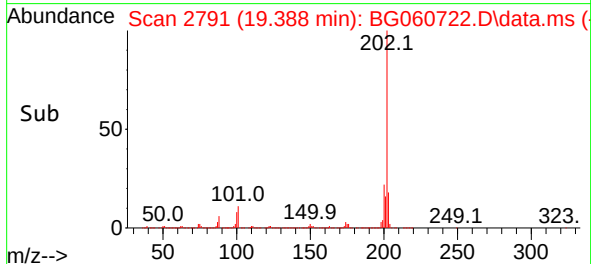
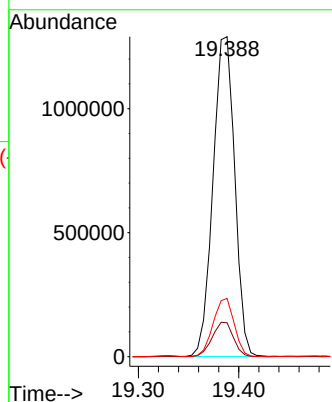
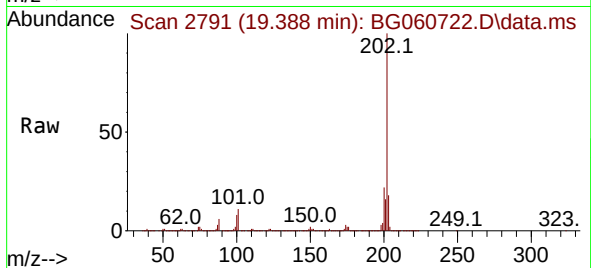
BNA_G

ClientSampleId :

72-11991MS

Tgt Ion:202 Resp: 1937034

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.8
203	18.2	0.0	37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3167

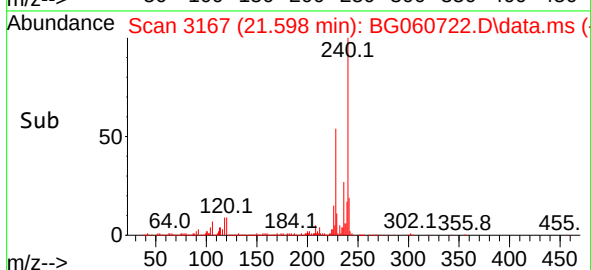
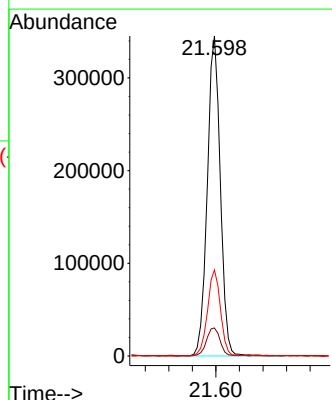
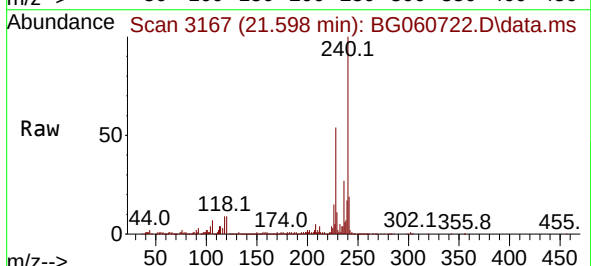
Delta R.T. -0.007 min

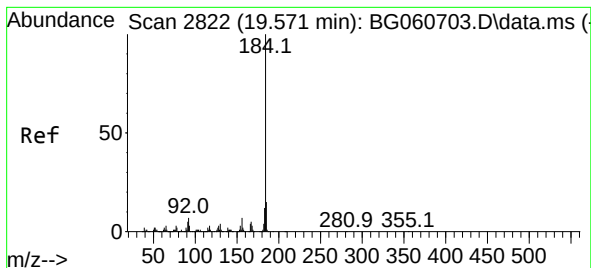
Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Tgt Ion:240 Resp: 528778

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.1	10.7
236	26.9	20.7	31.1





#77

Benzidine

Concen: 37.271 ng

RT: 19.565 min Scan# 2821

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

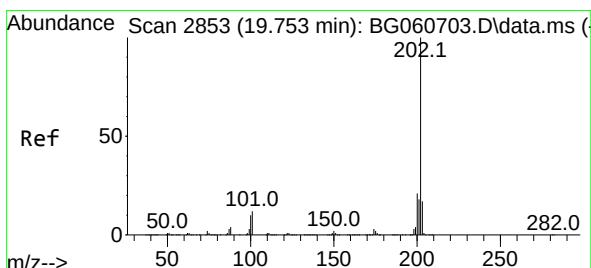
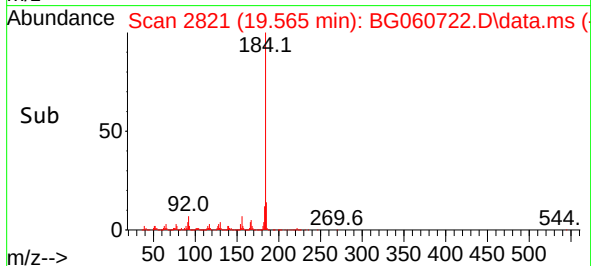
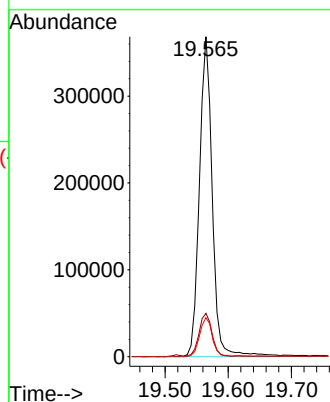
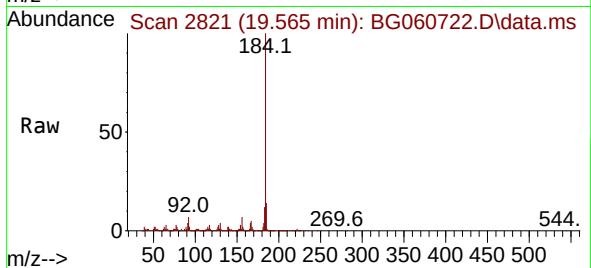
Tgt Ion:184 Resp: 518952

Ion Ratio Lower Upper

184 100

185 13.6 11.8 17.6

183 12.2 9.5 14.3



#78

Pyrene

Concen: 51.869 ng

RT: 19.747 min Scan# 2852

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

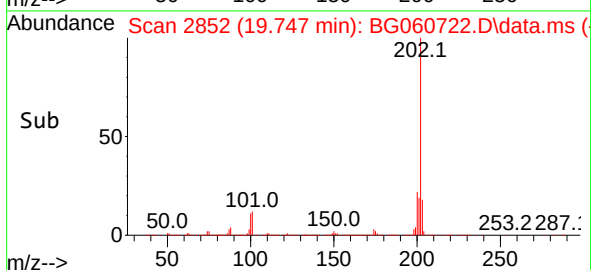
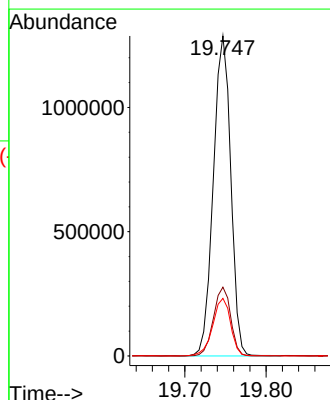
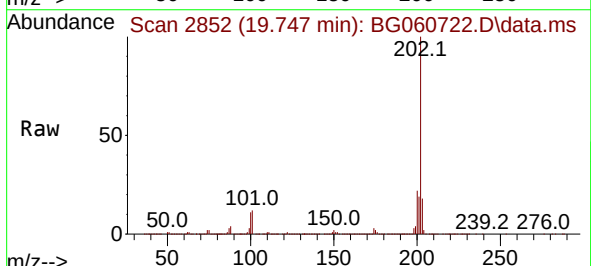
Tgt Ion:202 Resp: 1918192

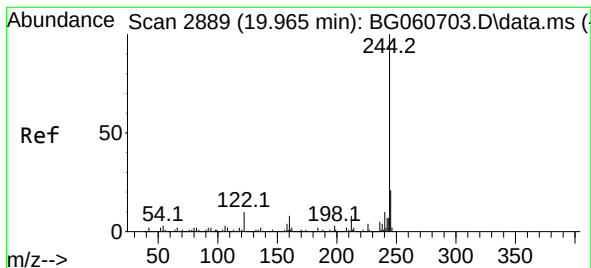
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 18.0 14.0 21.0





#79

Terphenyl-d14

Concen: 61.212 ng

RT: 19.958 min Scan# 2

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

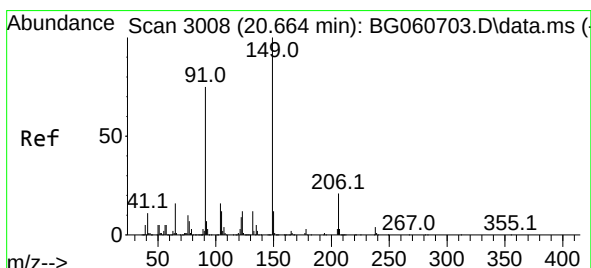
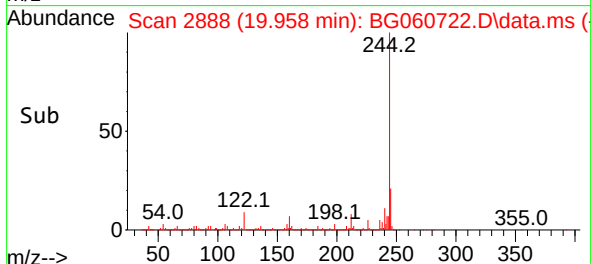
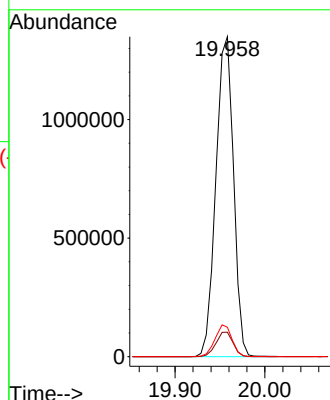
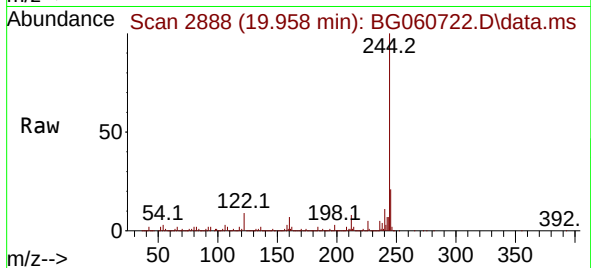
Tgt Ion:244 Resp: 1838185

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 9.2 7.8 11.8



#80

Butylbenzylphthalate

Concen: 52.265 ng

RT: 20.657 min Scan# 3007

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

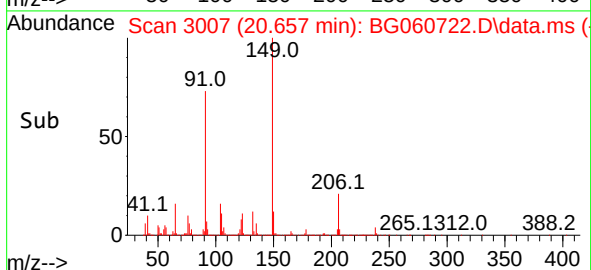
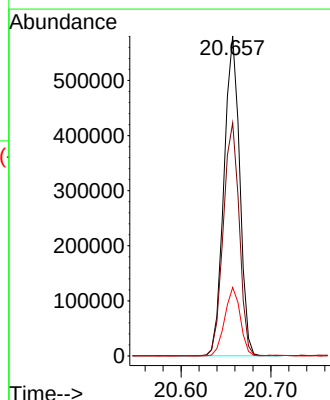
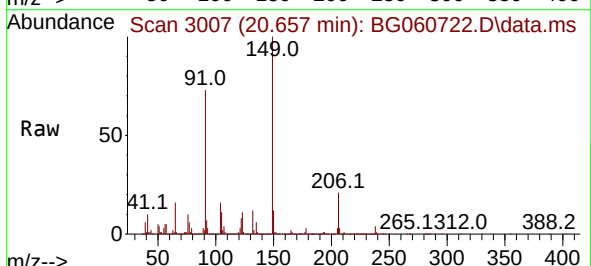
Tgt Ion:149 Resp: 705079

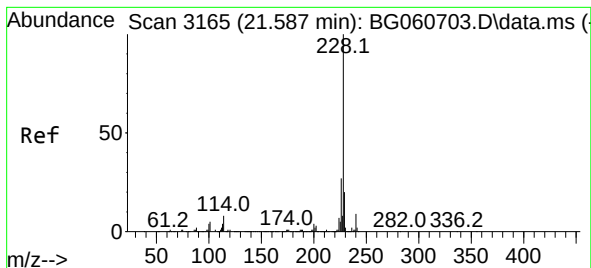
Ion Ratio Lower Upper

149 100

91 72.8 60.1 90.1

206 21.4 16.8 25.2





#81

Benzo(a)anthracene

Concen: 50.700 ng

RT: 21.580 min Scan# 3164

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

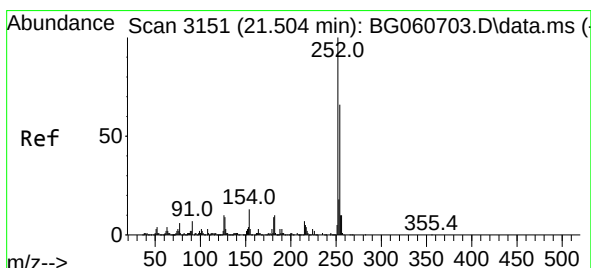
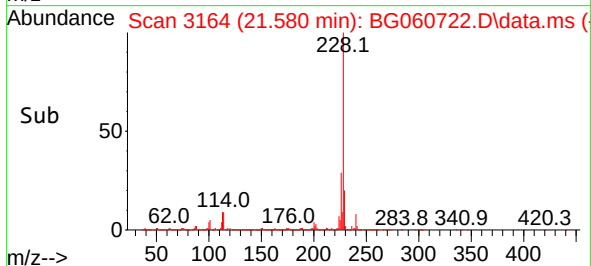
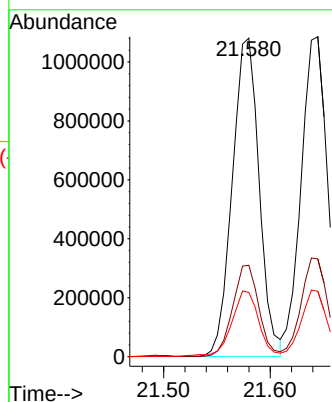
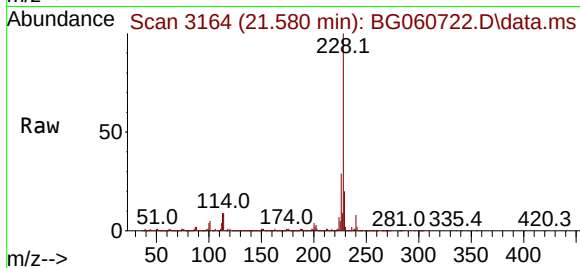
Tgt Ion:228 Resp: 1889764

Ion Ratio Lower Upper

228 100

226 28.7 21.7 32.5

229 20.2 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 29.875 ng

RT: 21.492 min Scan# 3149

Delta R.T. -0.013 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

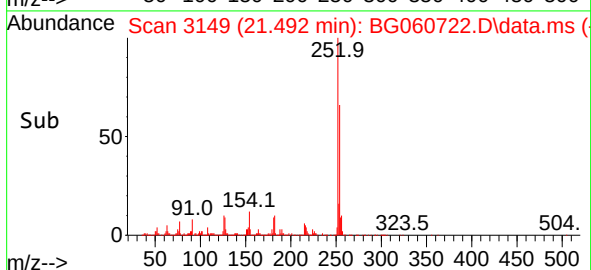
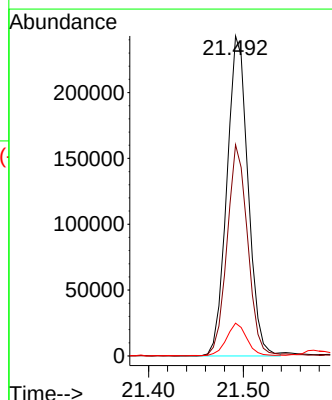
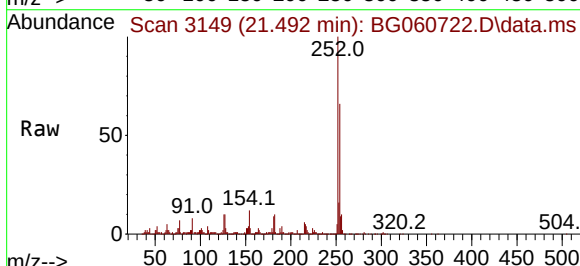
Tgt Ion:252 Resp: 375995

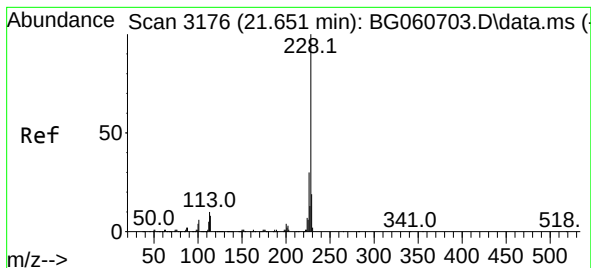
Ion Ratio Lower Upper

252 100

254 66.0 52.6 78.8

126 10.2 7.8 11.8





#83

Chrysene

Concen: 51.600 ng

RT: 21.645 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

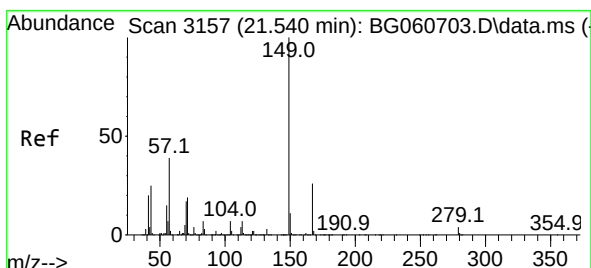
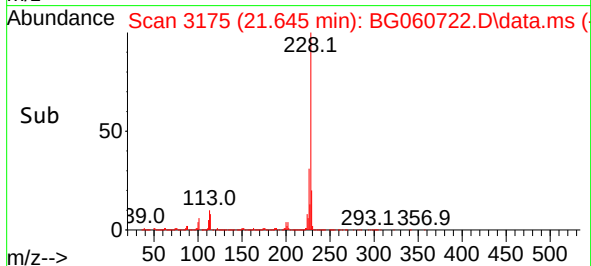
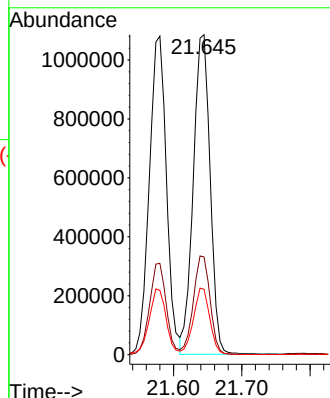
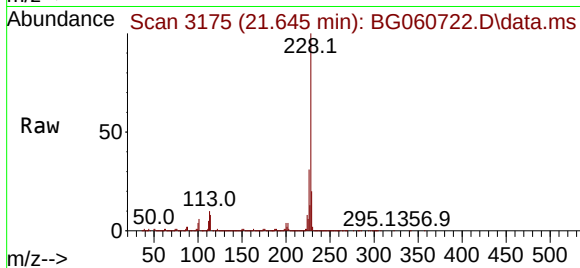
Tgt Ion:228 Resp: 1853768

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 20.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.236 ng

RT: 21.527 min Scan# 3155

Delta R.T. -0.013 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

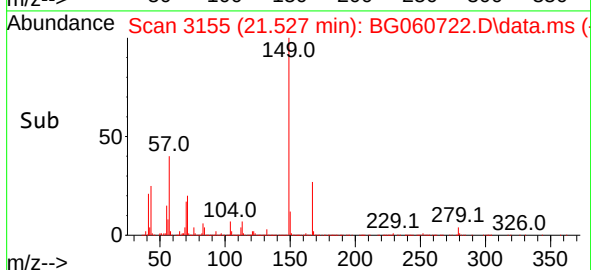
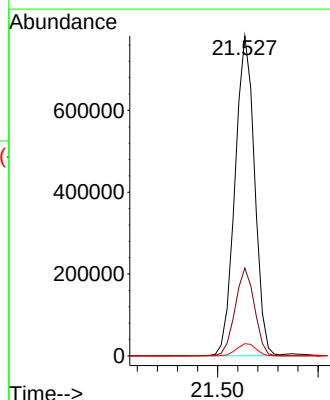
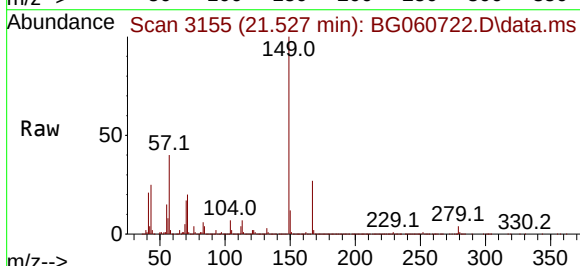
Tgt Ion:149 Resp: 1058671

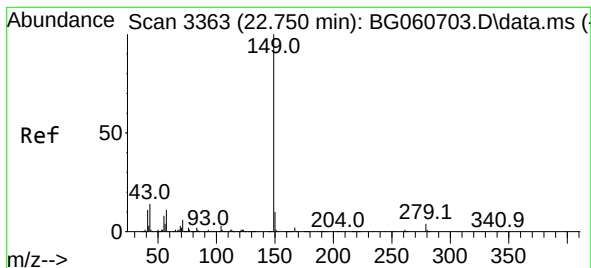
Ion Ratio Lower Upper

149 100

167 27.5 20.6 30.8

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 52.044 ng

RT: 22.731 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

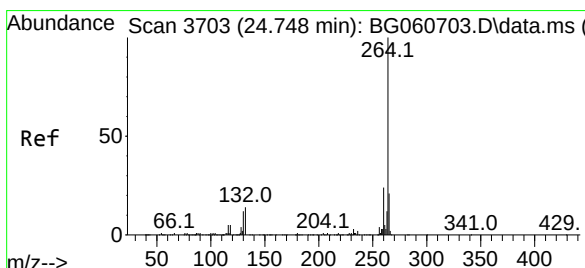
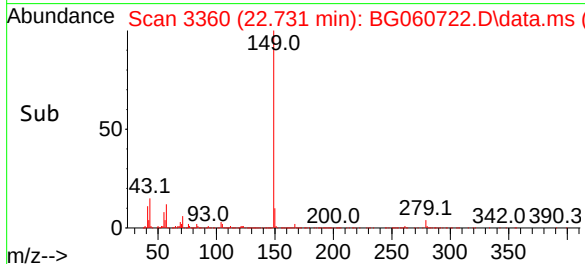
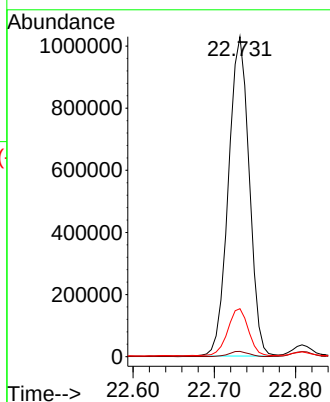
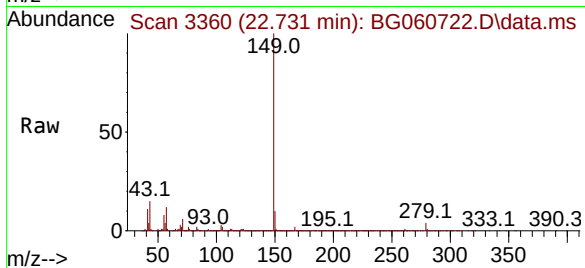
Tgt Ion:149 Resp: 1823044

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.6 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.729 min Scan# 3700

Delta R.T. -0.018 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

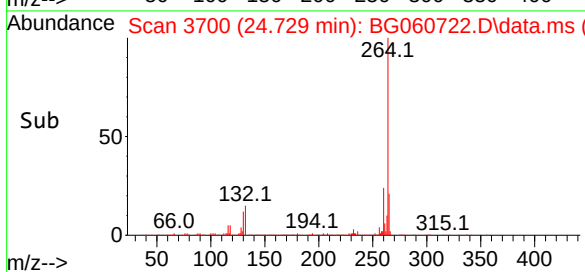
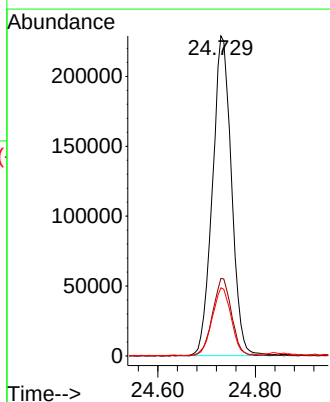
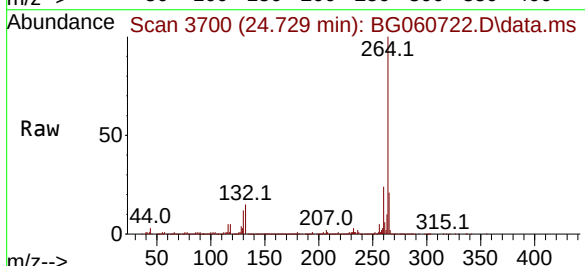
Tgt Ion:264 Resp: 619157

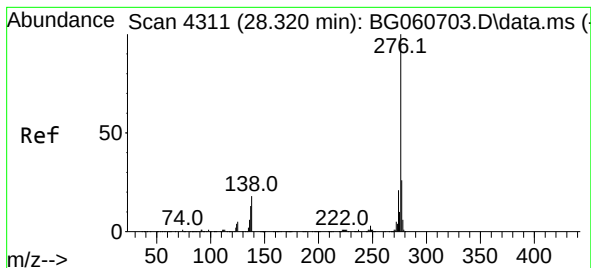
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.677 ng

RT: 28.307 min Scan# 41

Delta R.T. -0.013 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

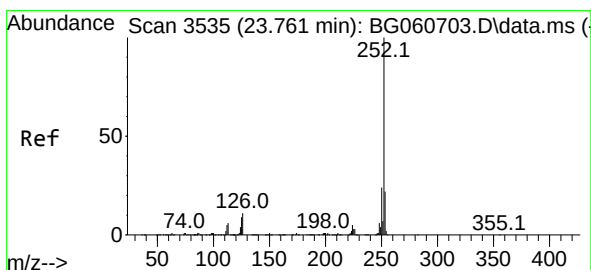
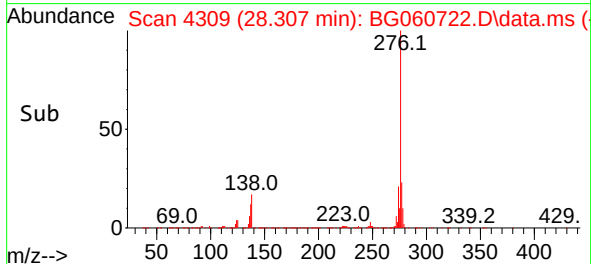
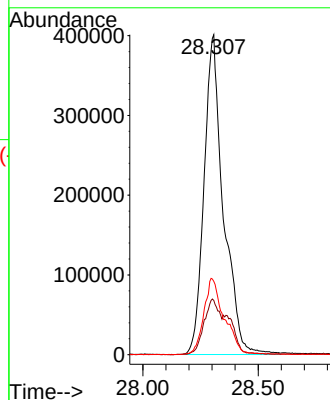
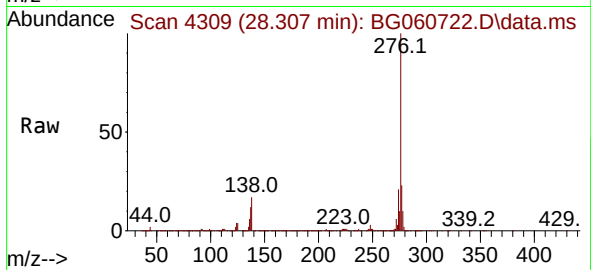
Tgt Ion:276 Resp: 2340381

Ion Ratio Lower Upper

276 100

138 14.1 12.4 18.6

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 56.999 ng

RT: 23.748 min Scan# 3533

Delta R.T. -0.013 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

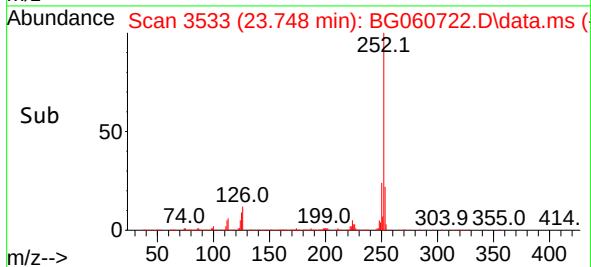
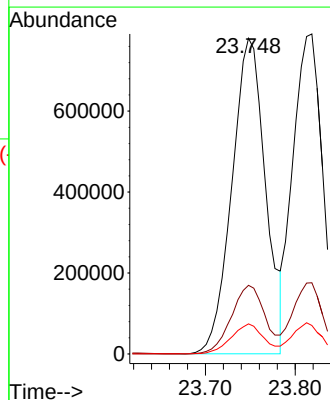
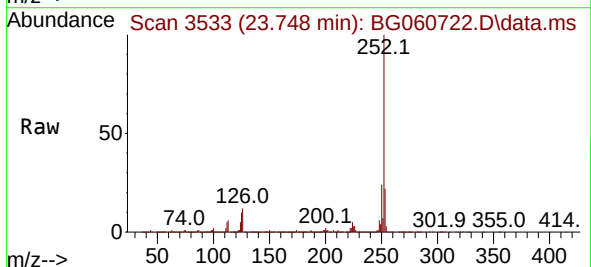
Tgt Ion:252 Resp: 2027467

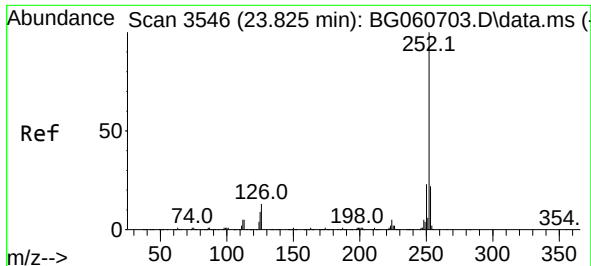
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 9.6 7.1 10.7

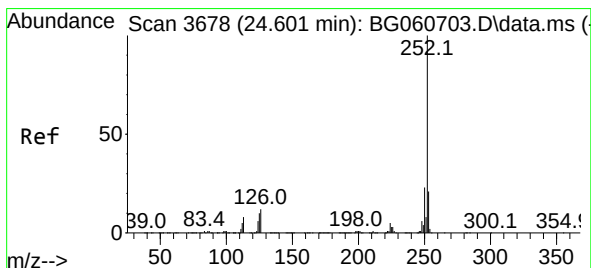
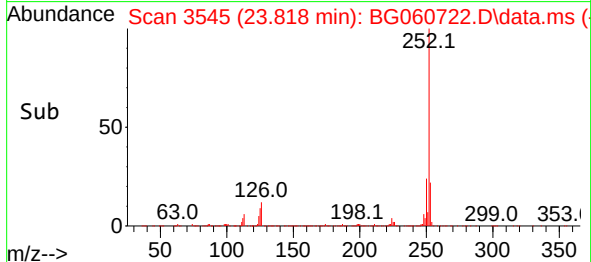
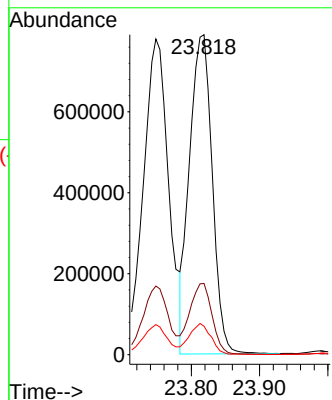
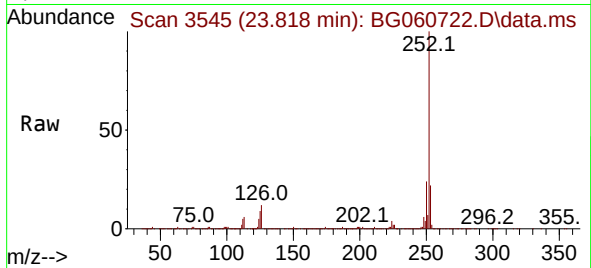




#89
Benzo(k)fluoranthene
Concen: 49.990 ng
RT: 23.818 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

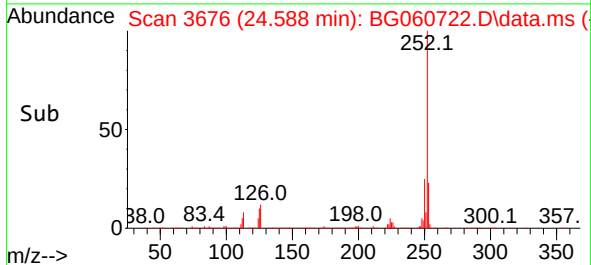
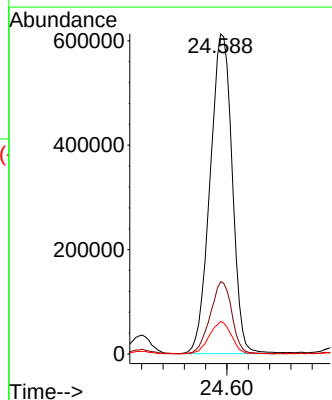
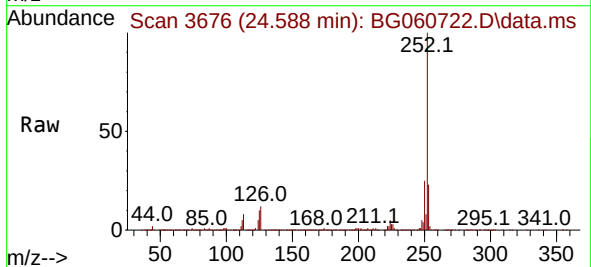
Instrument :
BNA_G
ClientSampleId :
72-11991MS

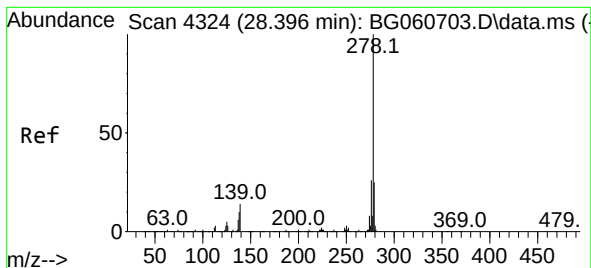
Tgt Ion:252 Resp: 1820039
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 8.9 7.5 11.3



#90
Benzo(a)pyrene
Concen: 50.985 ng
RT: 24.588 min Scan# 3676
Delta R.T. -0.013 min
Lab File: BG060722.D
Acq: 1 Apr 2024 19:34

Tgt Ion:252 Resp: 1762438
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 10.2 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 50.820 ng

RT: 28.372 min Scan# 41

Delta R.T. -0.024 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Instrument :

BNA_G

ClientSampleId :

72-11991MS

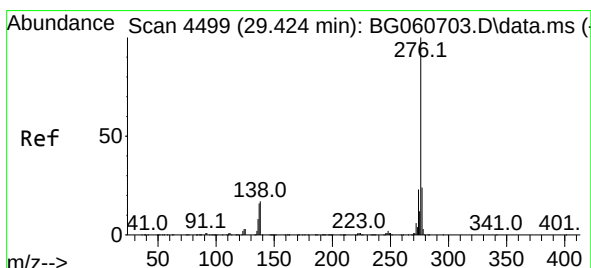
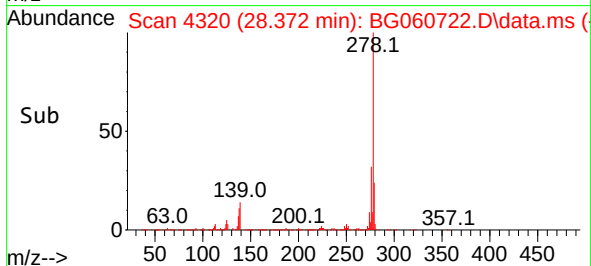
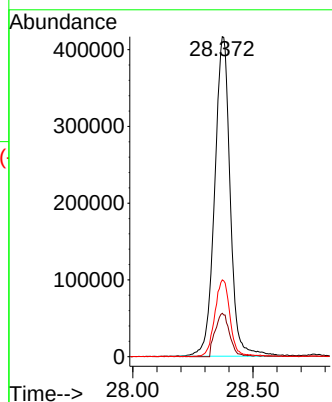
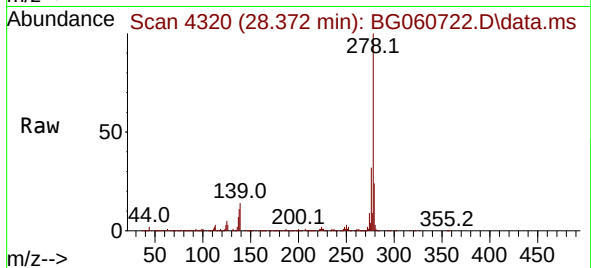
Tgt Ion:278 Resp: 1867885

Ion Ratio Lower Upper

278 100

139 13.6 11.1 16.7

279 24.0 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 49.576 ng

RT: 29.406 min Scan# 4496

Delta R.T. -0.018 min

Lab File: BG060722.D

Acq: 1 Apr 2024 19:34

Tgt Ion:276 Resp: 1772543

Ion Ratio Lower Upper

276 100

277 22.6 18.9 28.3

138 18.5 14.0 21.0

