

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
 Data File : BM038162.D
 Acq On : 21 Dec 2022 09:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 23:29:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 00:11:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.039	152	218594	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	969136	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.668	164	607813	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.409	188	1270164	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	946913	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	863903	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	34826	7.234	ng/uL	0.00
4) Pyridine-d5	3.828	84	261487	18.309	ng/ul	0.00
7) Phenol-d5	7.204	99	350518	19.733	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	197768	18.284	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	309649	21.250	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	298310	21.514	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	158178	20.614	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	184015	22.884	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	344252	22.539	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	460709	21.852	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	940473	21.703	ng/ul	0.00
49) Acenaphthylene-d8	14.368	160	1102251	20.813	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	166632	22.563	ng/ul	0.00
60) Fluorene-d10	15.657	176	816309	21.144	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	139499	20.542	ng/ul	0.00
73) Anthracene-d10	17.509	188	1241969	20.951	ng/ul	0.00
81) Pyrene-d10	19.792	212	1307867	22.993	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	908077	21.045	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	35509	7.031	ng/uL	96
5) Pyridine	3.851	79	258381	18.003	ng/ul	97
6) Benzaldehyde	7.175	77	128580	19.354	ng/ul	97
8) Phenol	7.228	94	346098	19.427	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.463	93	274752	18.781	ng/ul	96
12) 2-Chlorophenol	7.604	128	314821	21.125	ng/ul	97
13) 2-Methylphenol	8.486	108	283533	20.797	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.575	45	476010	18.020	ng/ul	99
16) Acetophenone	8.875	105	461340	21.155	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.857	70	215450	20.973	ng/ul	96
18) 4-Methylphenol	8.822	108	310440	21.049	ng/ul	100
19) Hexachloroethane	9.128	117	124728	20.935	ng/ul	96
22) Nitrobenzene	9.257	77	326525	19.777	ng/ul	96
23) Isophorone	9.786	82	626195	20.697	ng/ul	98
25) 2-Nitrophenol	9.969	139	188773	22.392	ng/ul	96
26) 2,4-Dimethylphenol	10.027	107	354363	21.736	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.263	93	401996	19.988	ng/ul	99
29) 2,4-Dichlorophenol	10.504	162	333024	22.224	ng/ul	99
30) Naphthalene	10.910	128	1059906	20.266	ng/ul	100
32) 4-Chloroaniline	11.022	127	457767	21.773	ng/ul	99
33) Hexachlorobutadiene	11.186	225	222964	22.618	ng/ul	97
34) Caprolactam	11.816	113	92006	23.935	ng/ul	87
35) 4-Chloro-3-methylphenol	12.139	107	321606	23.578	ng/ul	93
36) 2-Methylnaphthalene	12.510	142	722812	21.308	ng/ul	99

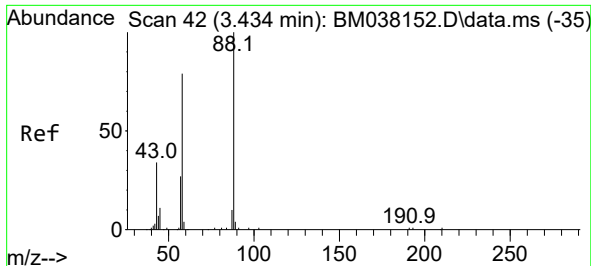
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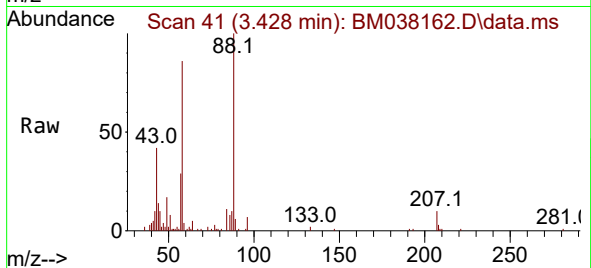
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.727	142	734762	21.183	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.874	216	403312	20.308	ng/ul	97
40) Hexachlorocyclopentadiene	12.845	237	116624	10.266	ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	271535	22.447	ng/ul	99
42) 2,4,5-Trichlorophenol	13.186	196	290414	23.019	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	986193	20.185	ng/ul	99
44) 2-Chloronaphthalene	13.551	162	772414	20.494	ng/ul	97
45) 2-Nitroaniline	13.763	65	195975	21.580	ng/ul	94
47) Dimethylphthalate	14.127	163	929929	21.751	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	188540	22.704	ng/ul	96
50) Acenaphthylene	14.398	152	1214656	20.858	ng/ul	99
51) 3-Nitroaniline	14.580	138	180431	21.777	ng/ul	99
52) Acenaphthene	14.733	153	828538	20.570	ng/ul	100
53) 2,4-Dinitrophenol	14.786	184	87975	21.589	ng/ul	93
55) 4-Nitrophenol	14.886	109	126471	25.968	ng/ul	87
56) Dibenzofuran	15.068	168	1146708	20.852	ng/ul	96
57) 2,4-Dinitrotoluene	15.033	165	263851	23.461	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.292	232	247740	23.344	ng/ul	95
59) Diethylphthalate	15.480	149	952627	22.367	ng/ul	98
61) Fluorene	15.715	166	957581	21.352	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	479989	21.900	ng/ul	96
63) 4-Nitroaniline	15.739	138	175634	23.379	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.798	198	133438	20.297	ng/ul#	94
67) N-Nitrosodiphenylamine	15.915	169	772162	20.153	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	286389	20.569	ng/ul	97
69) Hexachlorobenzene	16.715	284	344944	20.755	ng/ul	98
70) Atrazine	16.868	200	288939	22.068	ng/ul	97
71) Pentachlorophenol	17.056	266	202679	21.934	ng/ul	99
72) Phenanthrene	17.451	178	1413120	20.373	ng/ul	100
74) Anthracene	17.545	178	1455204	20.644	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.474	216	397498	19.358	ng/ul	99
76) Pentachlorobenzene	14.986	250	397583	19.546	ng/ul	100
77) Carbazole	17.815	167	1267770	20.759	ng/ul	100
78) Di-n-butylphthalate	18.362	149	1688530	23.260	ng/ul	100
80) Fluoranthene	19.456	202	1553690	23.144	ng/ul#	94
82) Pyrene	19.821	202	1589027	22.744	ng/ul#	94
83) Butylbenzylphthalate	20.703	149	697186	26.836	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.491	252	357201	19.063	ng/ul	98
85) Benzo(a)anthracene	21.562	228	1356543	21.279	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1042702	27.589	ng/ul	99
87) Chrysene	21.615	228	1233621	20.625	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	1603100	28.960	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1151913	21.508	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1156194	22.275	ng/ul	98
93) Benzo(a)pyrene	23.921	252	991281	21.047	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.591	276	1270516	20.946	ng/ul	99
95) Dibenzo(a,h)anthracene	26.603	278	1073223	20.988	ng/ul	98
96) Benzo(g,h,i)perylene	27.379	276	1017406	21.008	ng/ul	98

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

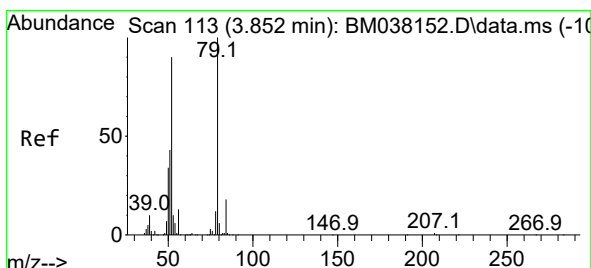
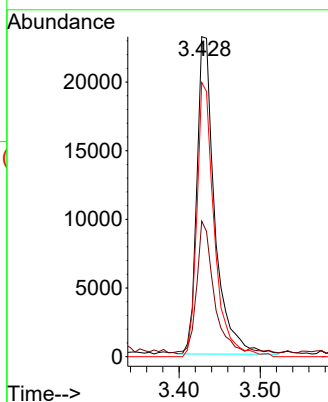
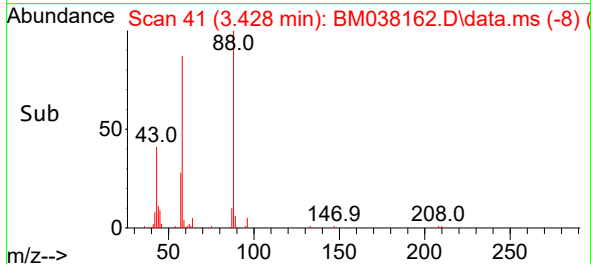


#2
1,4-Dioxane
Concen: 7.031 ng/uL
RT: 3.428 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

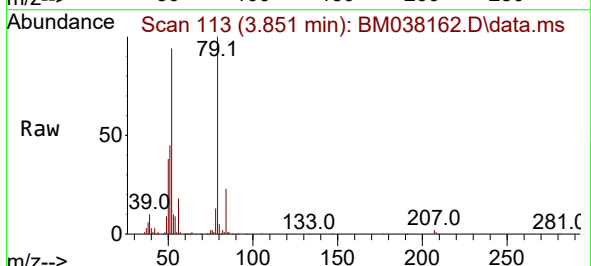
Instrument :
BNA_M
ClientSampleId :



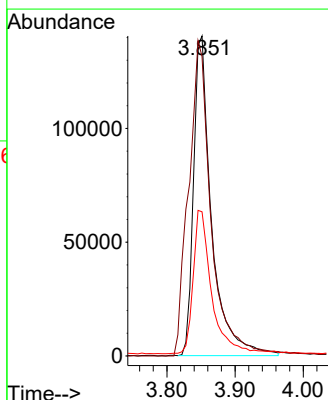
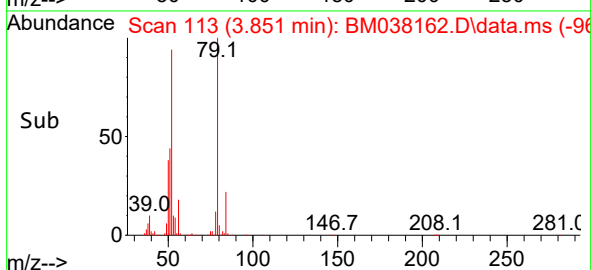
Tgt Ion: 88 Resp: 35509
Ion Ratio Lower Upper
88 100
43 42.3 32.8 49.2
58 85.7 64.6 97.0

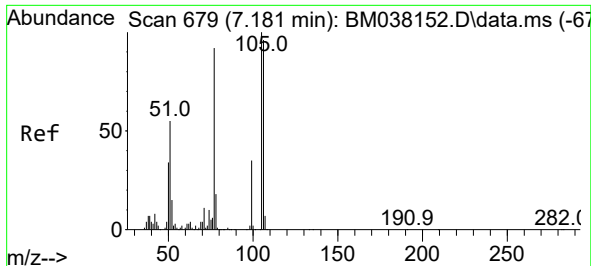


#5
Pyridine
Concen: 18.003 ng/uL
RT: 3.851 min Scan# 113
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08



Tgt Ion: 79 Resp: 258381
Ion Ratio Lower Upper
79 100
52 93.5 78.1 117.1
51 45.1 37.2 55.8

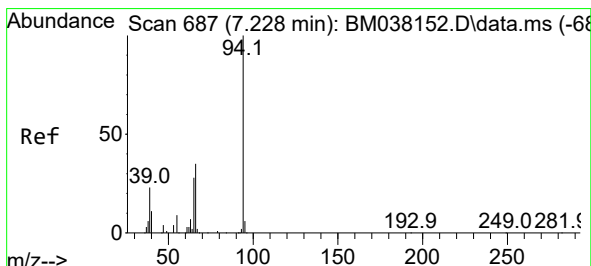
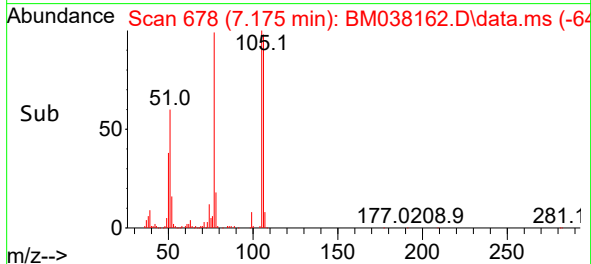
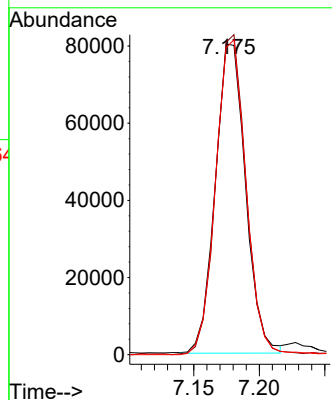
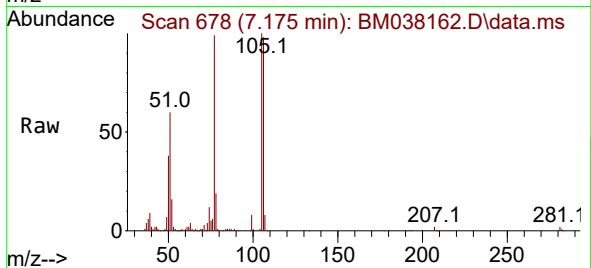




#6
Benzaldehyde
Concen: 19.354 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

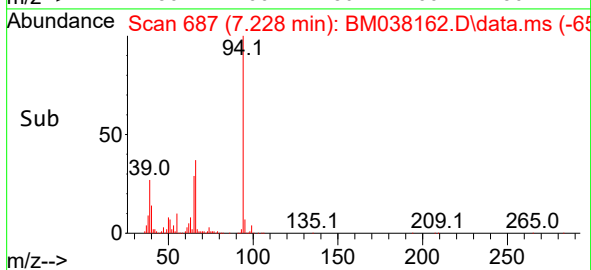
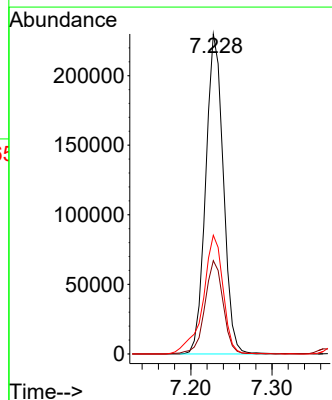
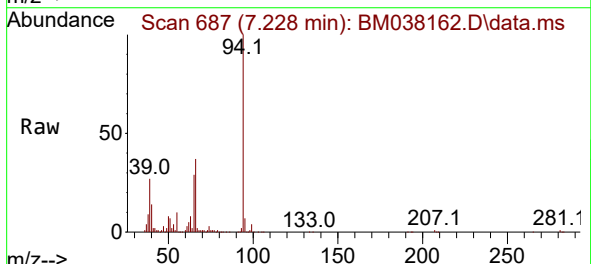
Instrument :
BNA_M
ClientSampleId :

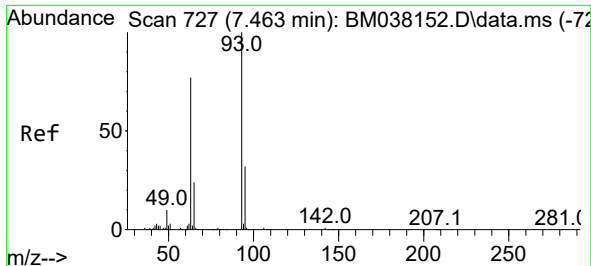
Tgt Ion: 77 Resp: 128580
Ion Ratio Lower Upper
77 100
105 100.6 82.5 123.7
106 98.9 81.8 122.6



#8
Phenol
Concen: 19.427 ng/ul
RT: 7.228 min Scan# 687
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion: 94 Resp: 346098
Ion Ratio Lower Upper
94 100
65 29.1 22.2 33.4
66 37.1 27.3 40.9

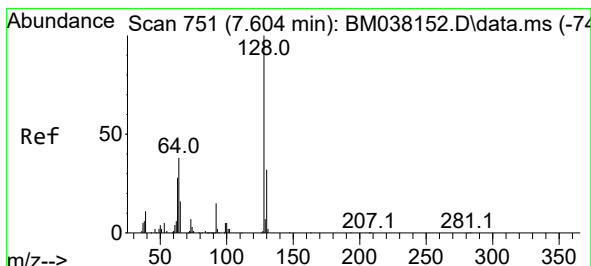
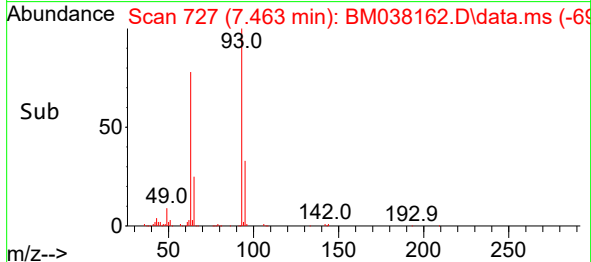
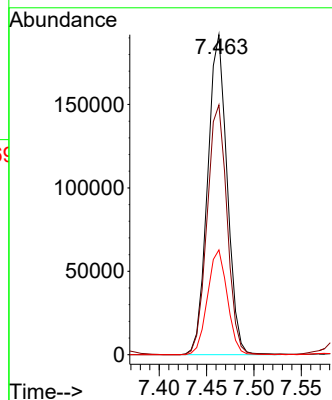
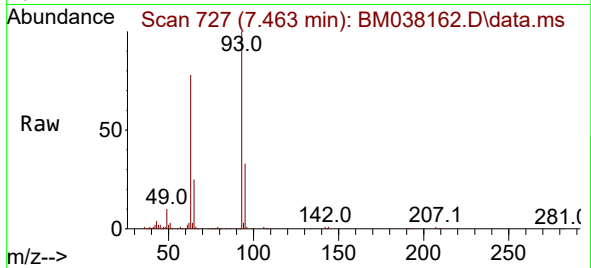




#10
Bis(2-Chloroethyl)ether
Concen: 18.781 ng/ul
RT: 7.463 min Scan# 727
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

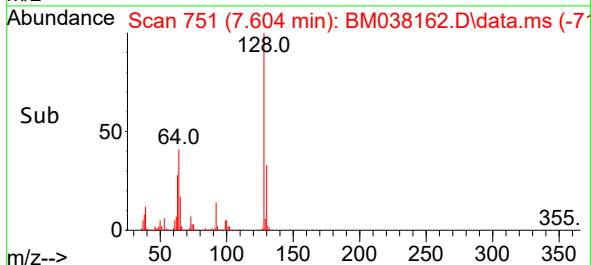
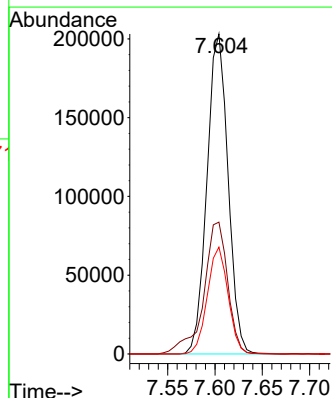
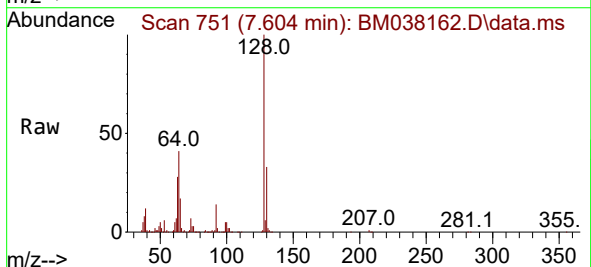
Instrument :
BNA_M
ClientSampleId :

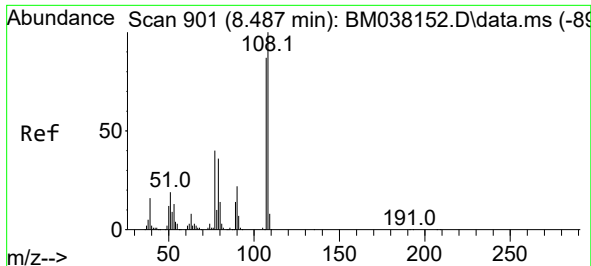
Tgt Ion: 93 Resp: 274752
Ion Ratio Lower Upper
93 100
63 78.1 66.3 99.5
95 32.8 25.7 38.5



#12
2-Chlorophenol
Concen: 21.125 ng/ul
RT: 7.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:128 Resp: 314821
Ion Ratio Lower Upper
128 100
64 41.2 35.2 52.8
130 33.4 25.9 38.9





#13

2-Methylphenol

Concen: 20.797 ng/ul

RT: 8.486 min Scan# 901

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

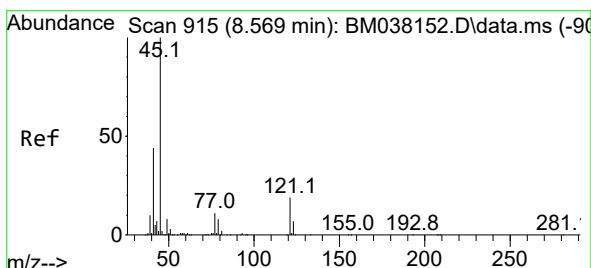
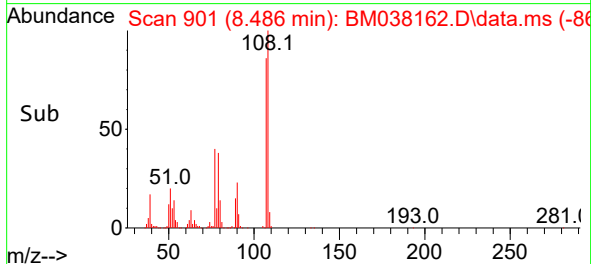
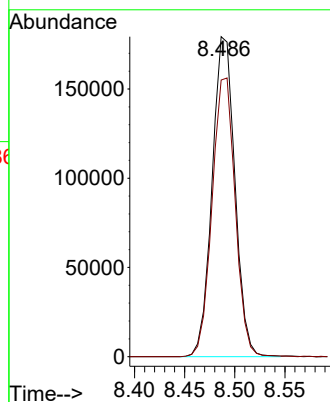
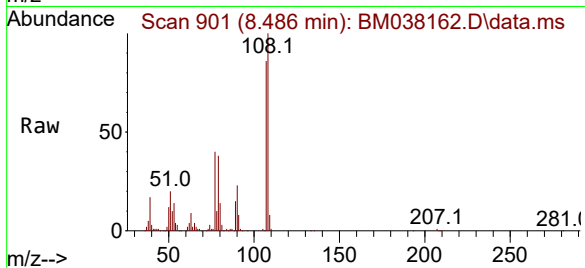
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Tgt Ion:108 Resp: 283533

Ion Ratio Lower Upper

108 100

107 86.4 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.020 ng/ul

RT: 8.575 min Scan# 916

Delta R.T. -0.006 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

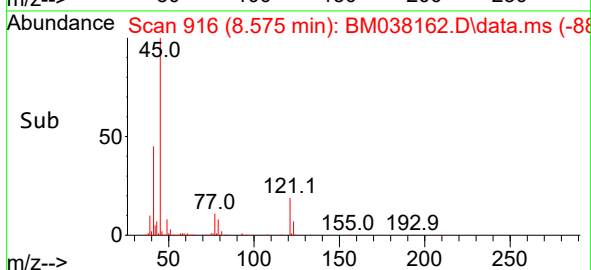
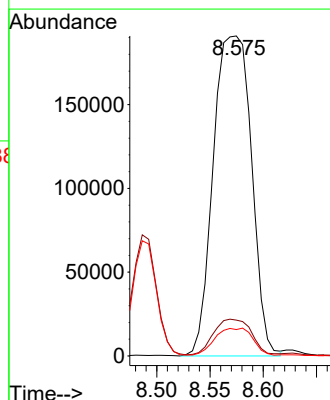
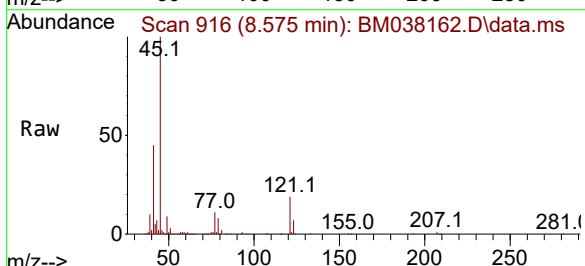
Tgt Ion: 45 Resp: 476010

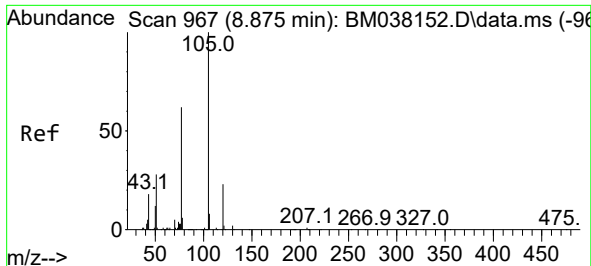
Ion Ratio Lower Upper

45 100

77 11.2 9.0 13.4

79 8.2 6.2 9.4

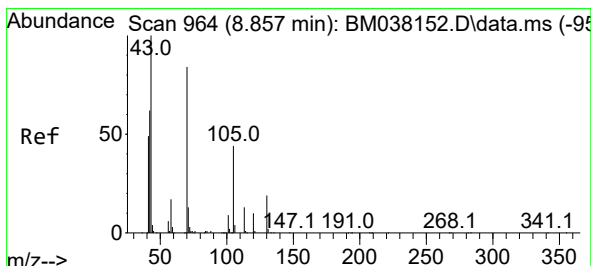
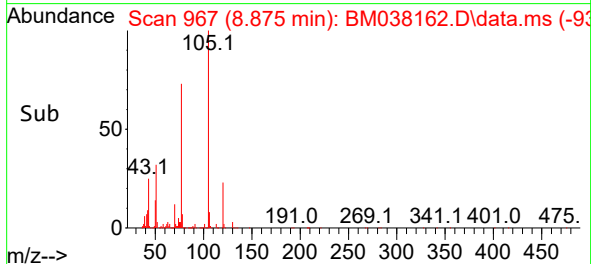
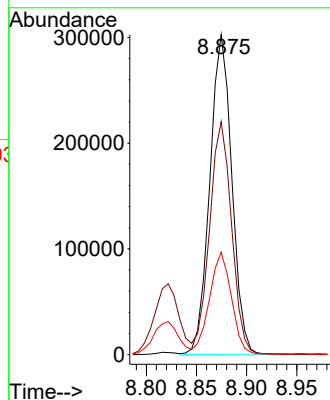
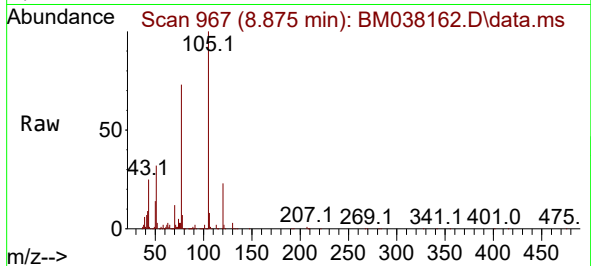




#16
Acetophenone
Concen: 21.155 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

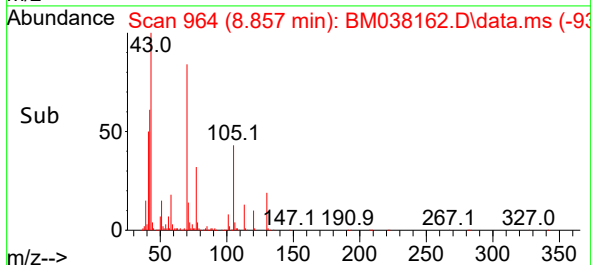
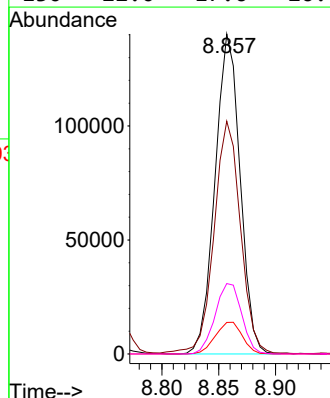
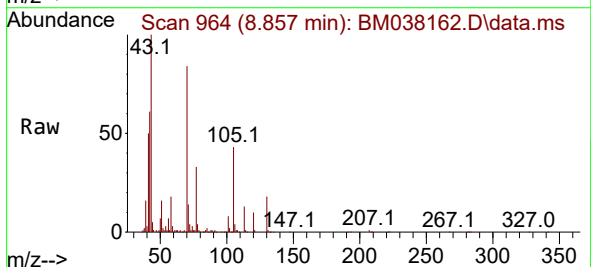
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BNA_M
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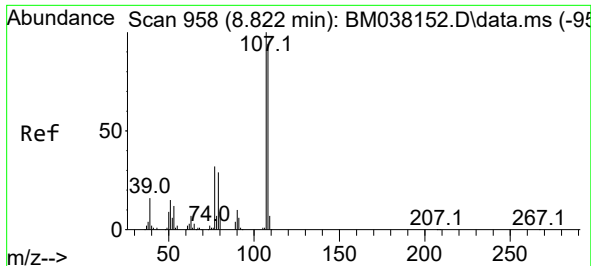
Tgt Ion:105 Resp: 461340
Ion Ratio Lower Upper
105 100
77 72.8 59.7 89.5
51 32.0 27.2 40.8



#17
N-Nitroso-di-n-propylamine
Concen: 20.973 ng/ul
RT: 8.857 min Scan# 964
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion: 70 Resp: 215450
Ion Ratio Lower Upper
70 100
42 72.8 62.3 93.5
101 9.8 8.0 12.0
130 22.0 17.6 26.4

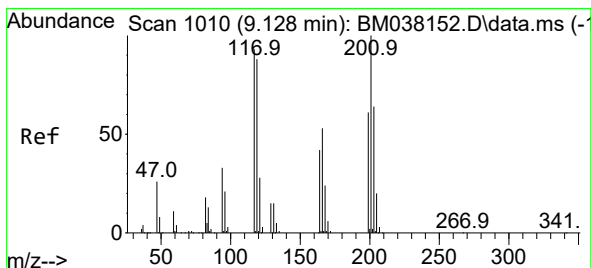
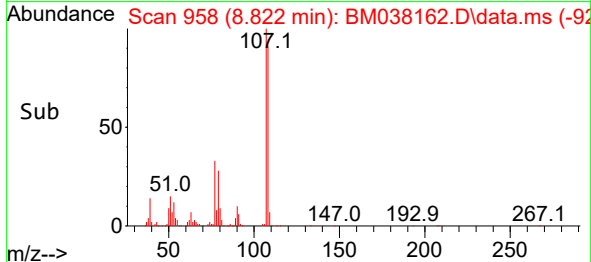
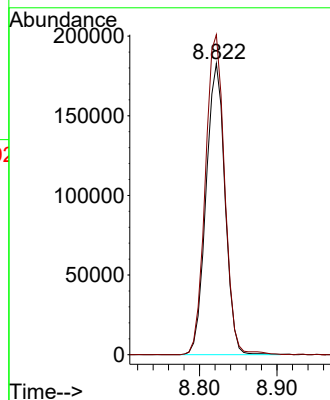
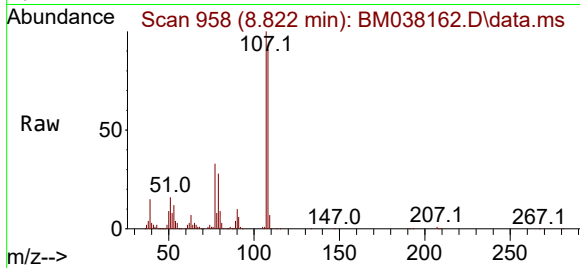




#18
4-Methylphenol
Concen: 21.049 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

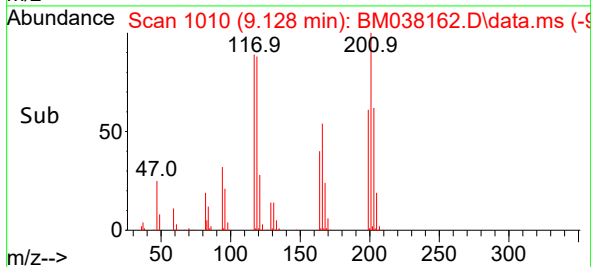
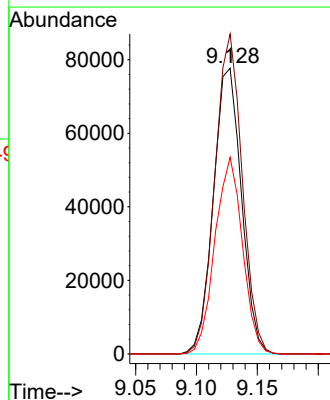
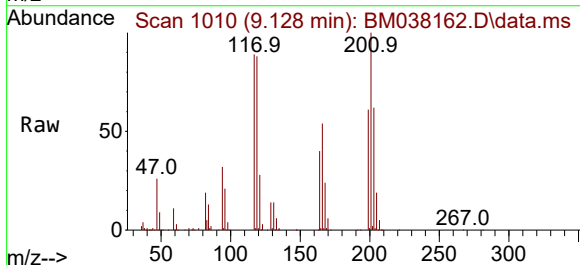
Instrument :
BNA_M
ClientSampleId :

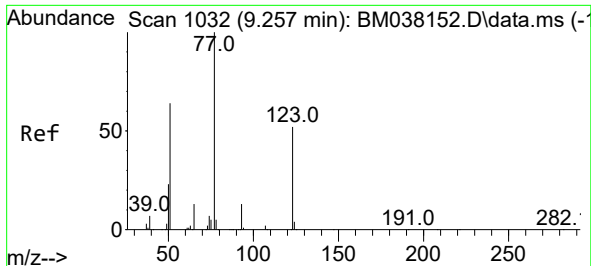
Tgt Ion:108 Resp: 310440
Ion Ratio Lower Upper
108 100
107 109.9 88.1 132.1



#19
Hexachloroethane
Concen: 20.935 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:117 Resp: 124728
Ion Ratio Lower Upper
117 100
201 112.0 87.3 130.9
199 68.8 50.9 76.3





#22

Nitrobenzene

Concen: 19.777 ng/ul

RT: 9.257 min Scan# 1032

Delta R.T. -0.000 min

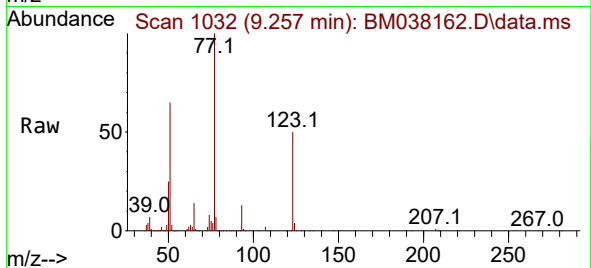
Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :



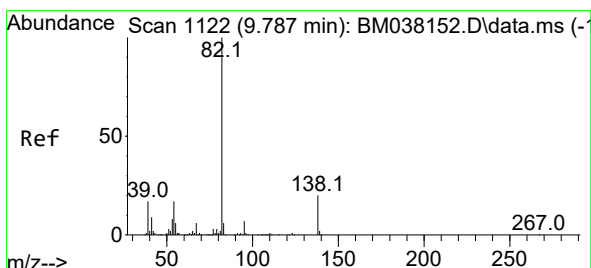
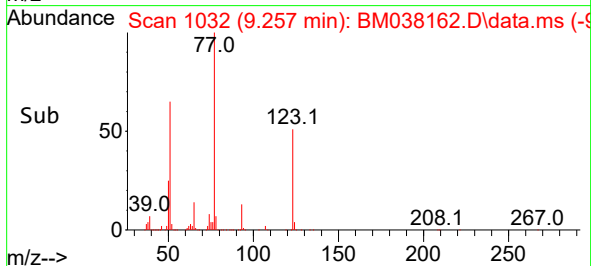
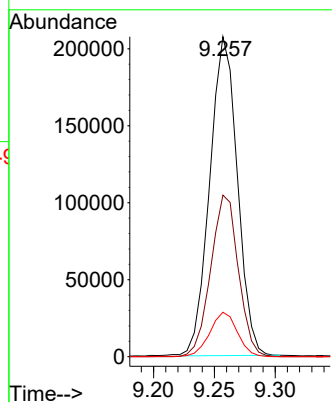
Tgt Ion: 77 Resp: 326525

Ion Ratio Lower Upper

77 100

123 50.5 37.8 56.6

65 13.9 11.1 16.7



#23

Isophorone

Concen: 20.697 ng/ul

RT: 9.786 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

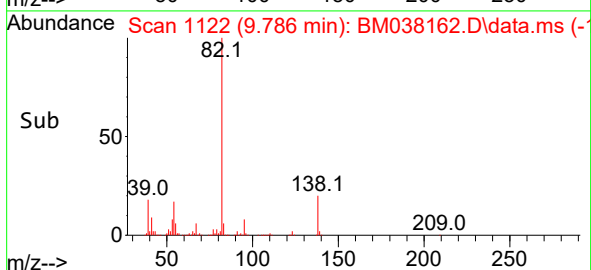
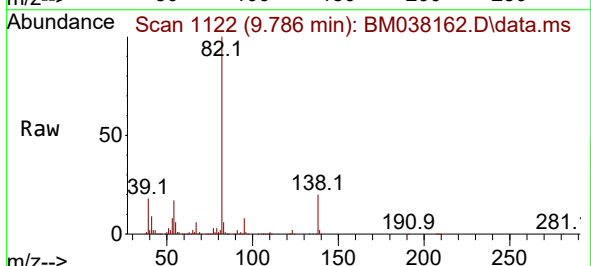
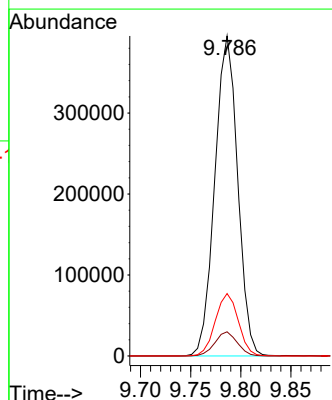
Tgt Ion: 82 Resp: 626195

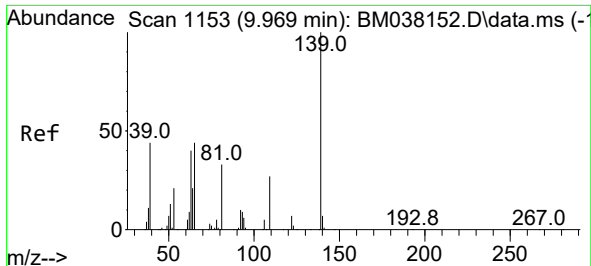
Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 19.5 14.9 22.3

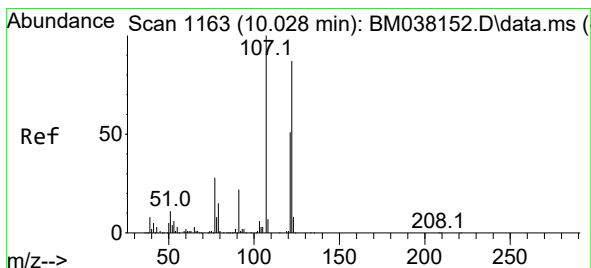
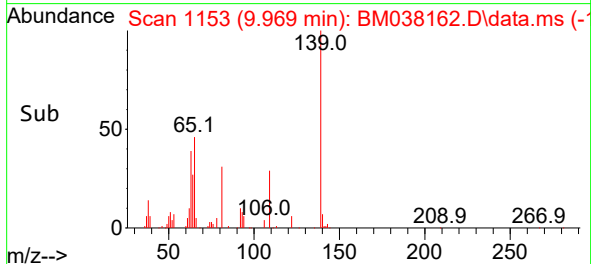
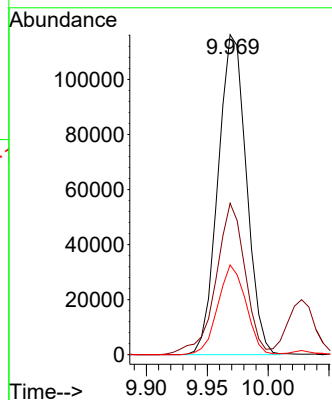
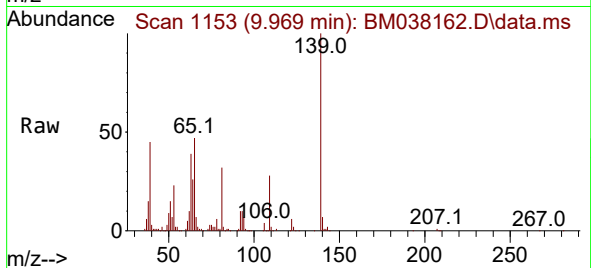




#25
2-Nitrophenol
Concen: 22.392 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

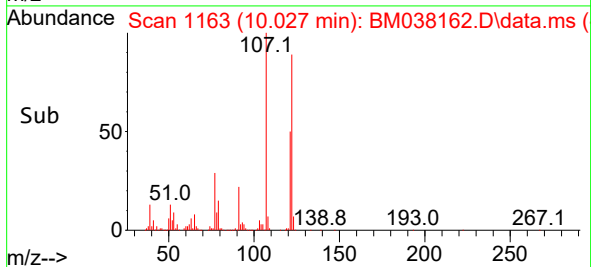
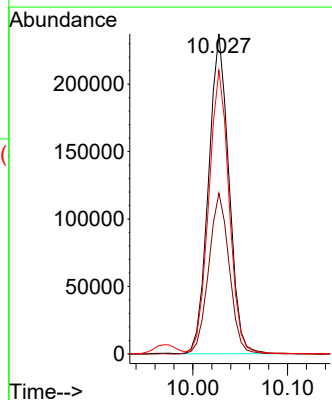
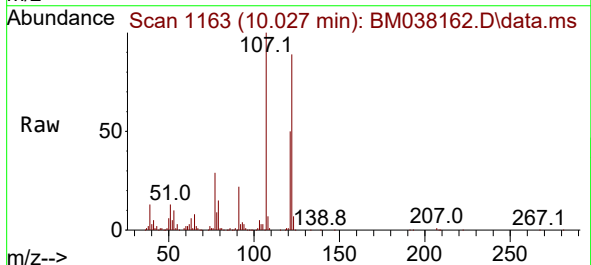
Instrument :
BNA_M
ClientSampleId :

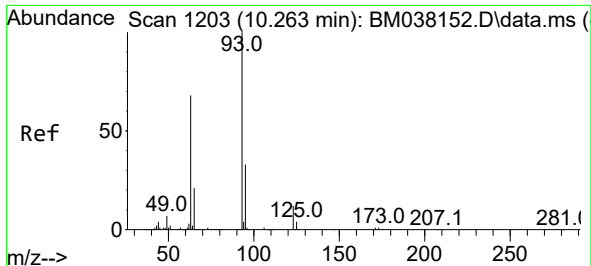
Tgt Ion:139 Resp: 188773
Ion Ratio Lower Upper
139 100
65 47.3 36.2 54.4
109 28.0 19.7 29.5



#26
2,4-Dimethylphenol
Concen: 21.736 ng/ul
RT: 10.027 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:107 Resp: 354363
Ion Ratio Lower Upper
107 100
121 50.2 42.0 63.0
122 88.6 71.4 107.2





#27

Bis(2-Chloroethoxy)methane

Concen: 19.988 ng/ul

RT: 10.263 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

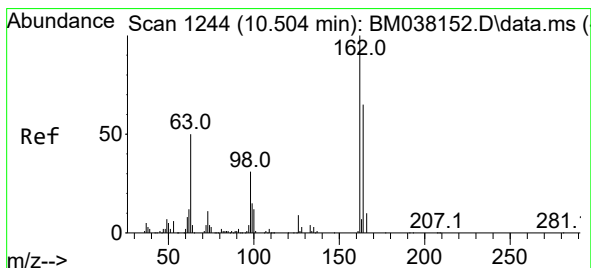
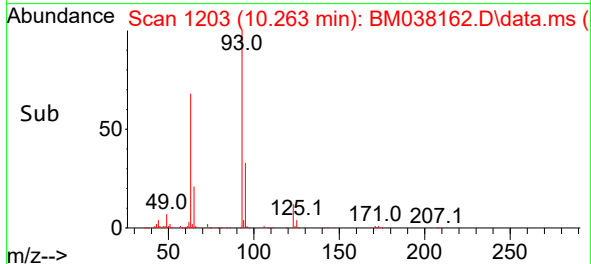
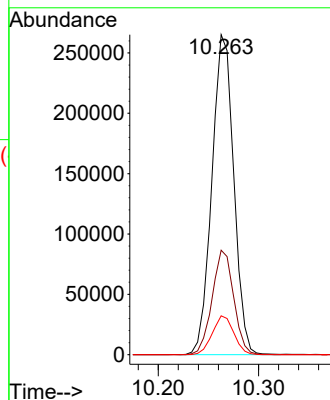
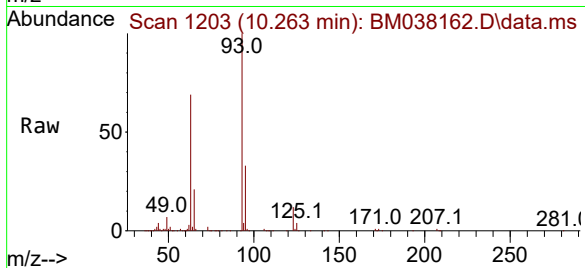
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 93 Resp: 401996

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.5	38.3
123	12.2	9.4	14.2



#29

2,4-Dichlorophenol

Concen: 22.224 ng/ul

RT: 10.504 min Scan# 1244

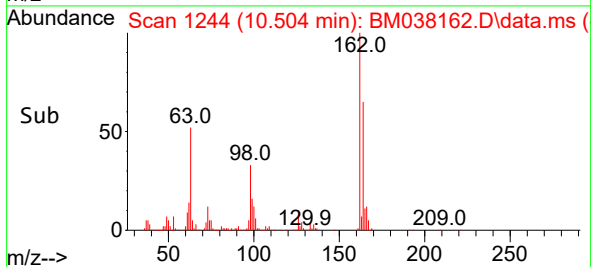
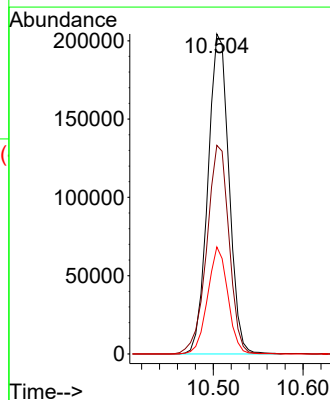
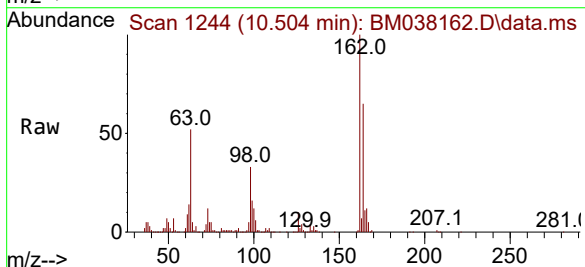
Delta R.T. -0.000 min

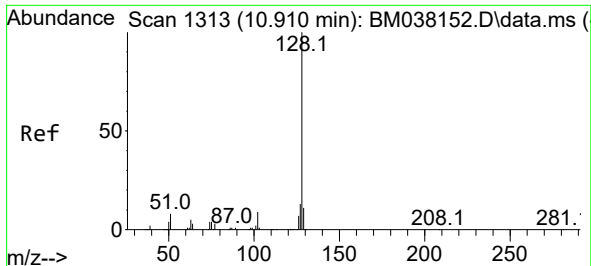
Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Tgt Ion:162 Resp: 333024

Ion	Ratio	Lower	Upper
162	100		
164	65.2	51.4	77.2
98	33.4	26.1	39.1

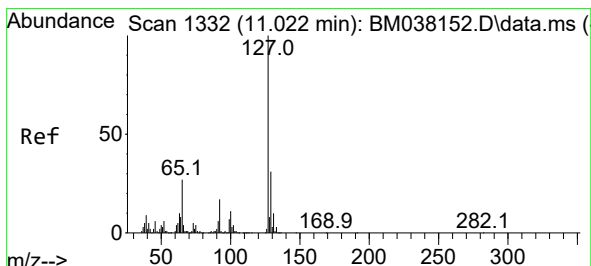
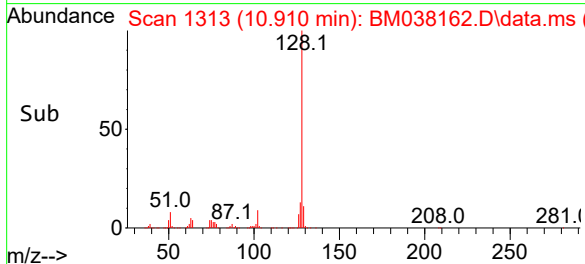
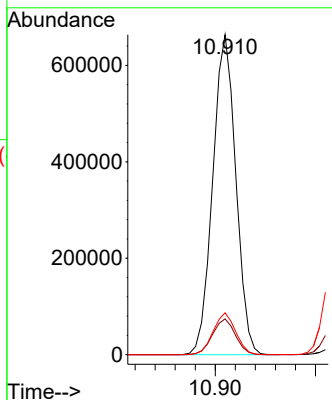
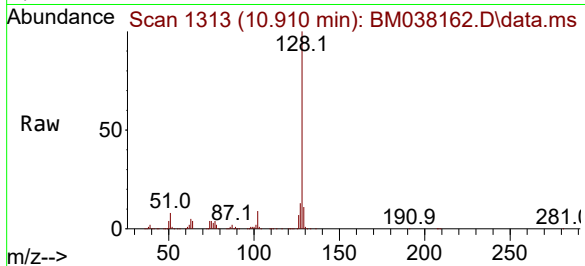




#30
Naphthalene
Concen: 20.266 ng/ul
RT: 10.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

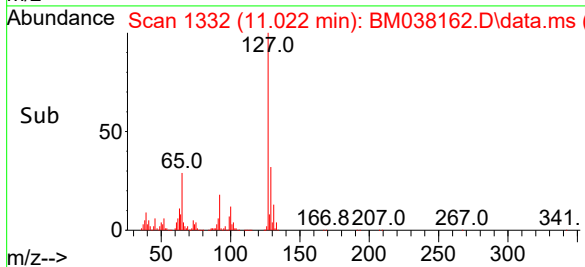
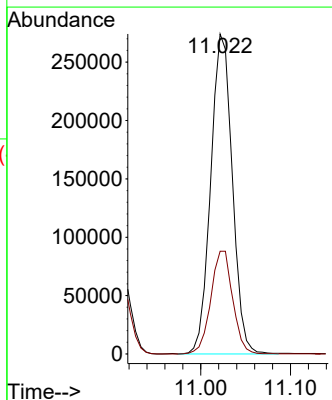
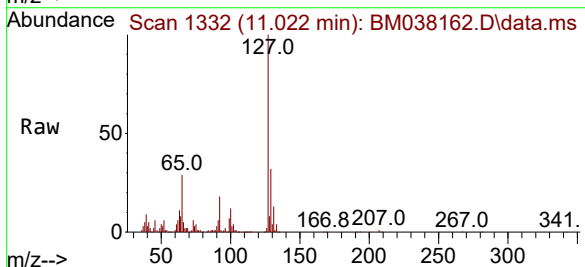
Instrument :
BNA_M
ClientSampleId :

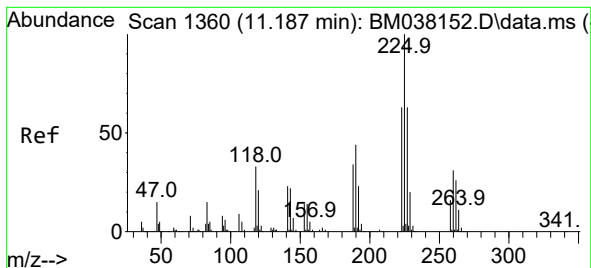
Tgt Ion:128 Resp: 1059906
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 21.773 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:127 Resp: 457767
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9





#33

Hexachlorobutadiene

Concen: 22.618 ng/ul

RT: 11.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :

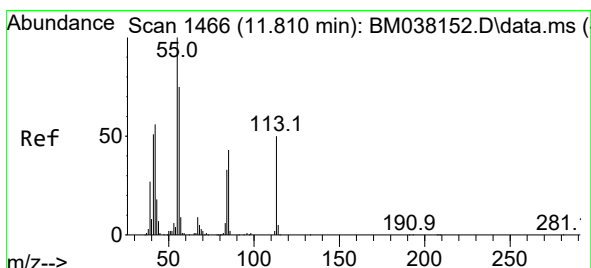
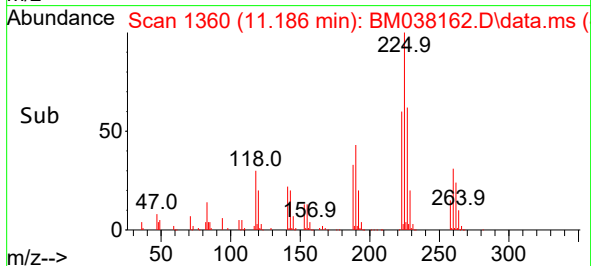
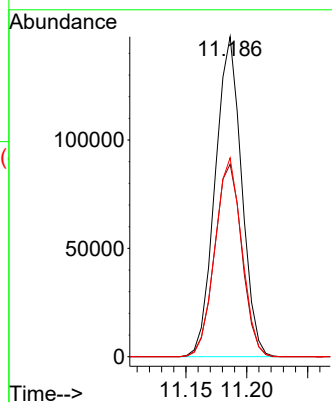
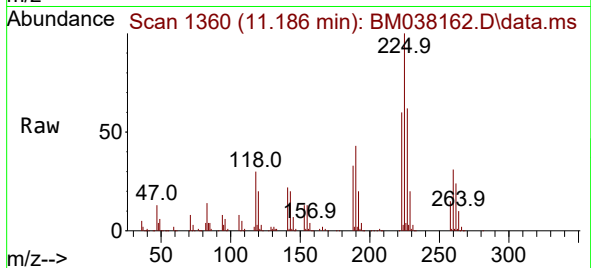
Tgt Ion:225 Resp: 222964

Ion Ratio Lower Upper

225 100

223 60.2 50.8 76.2

227 62.2 50.5 75.7



#34

Caprolactam

Concen: 23.935 ng/ul

RT: 11.816 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

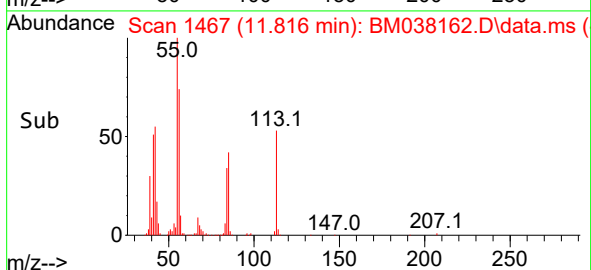
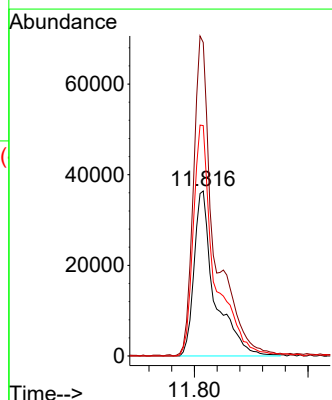
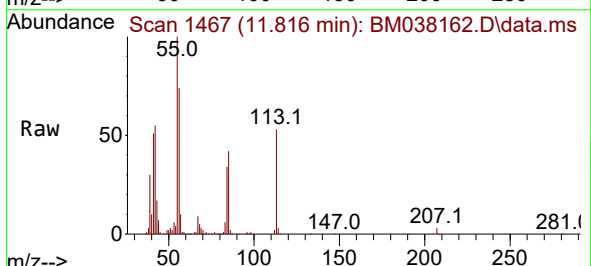
Tgt Ion:113 Resp: 92006

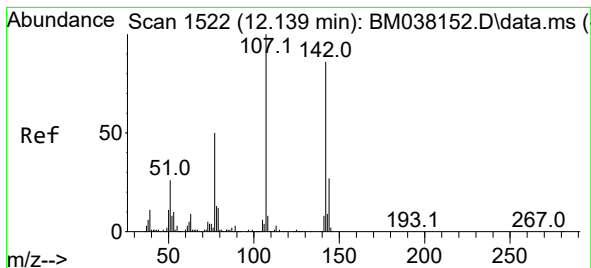
Ion Ratio Lower Upper

113 100

55 189.9 172.2 258.2

56 139.6 120.7 181.1

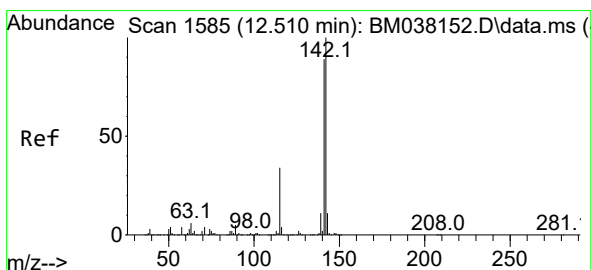
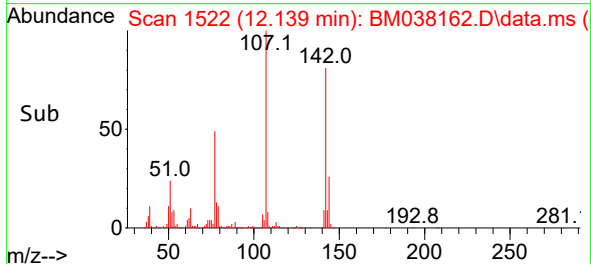
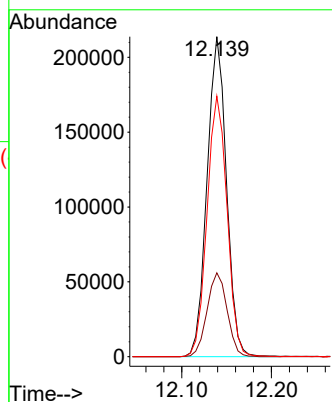
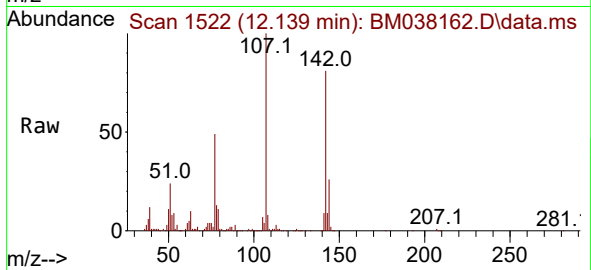




#35
4-Chloro-3-methylphenol
Concen: 23.578 ng/ul
RT: 12.139 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

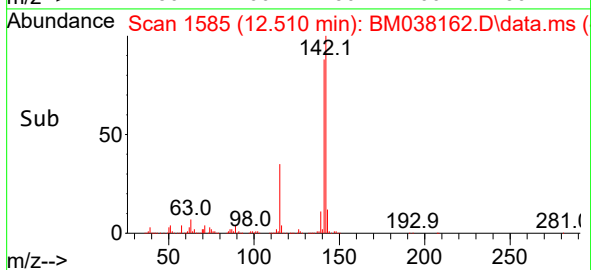
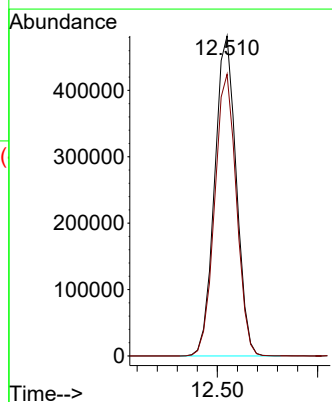
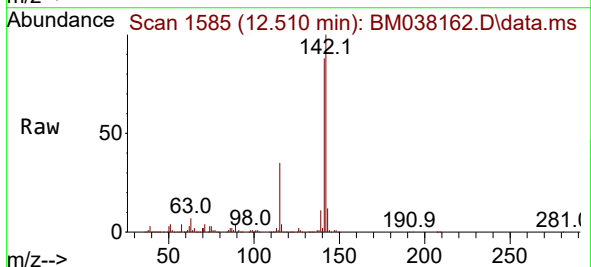
Instrument :
BNA_M
ClientSampleId :

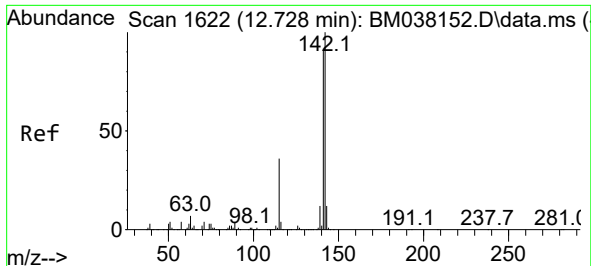
Tgt Ion:107 Resp: 321606
Ion Ratio Lower Upper
107 100
144 26.2 23.4 35.0
142 81.4 71.0 106.4



#36
2-Methylnaphthalene
Concen: 21.308 ng/ul
RT: 12.510 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:142 Resp: 722812
Ion Ratio Lower Upper
142 100
141 88.1 69.4 104.0





#37

1-Methylnaphthalene

Concen: 21.183 ng/ul

RT: 12.727 min Scan# 1

Delta R.T. -0.000 min

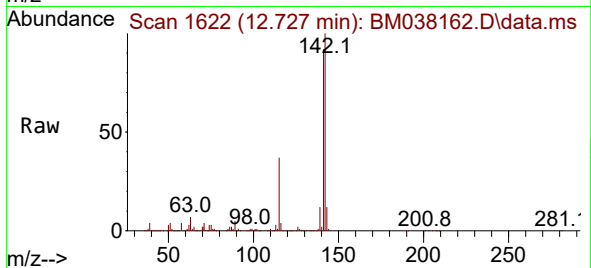
Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :



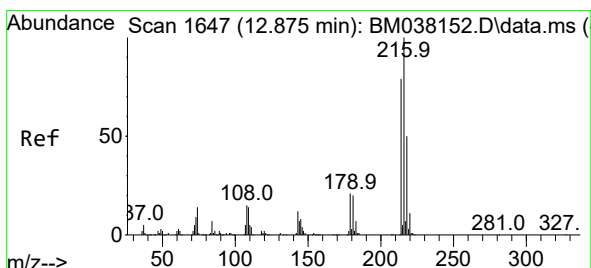
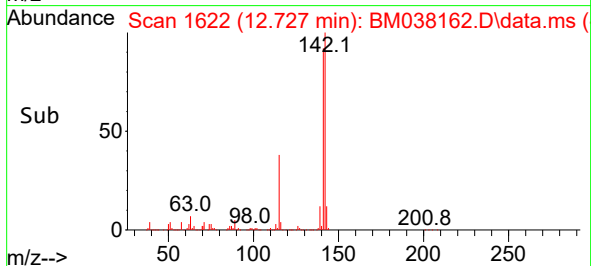
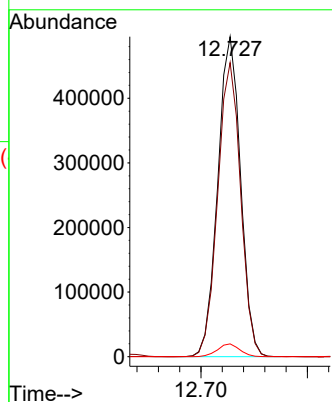
Tgt Ion:142 Resp: 734762

Ion Ratio Lower Upper

142 100

141 91.9 72.4 108.6

116 4.0 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.308 ng/ul

RT: 12.874 min Scan# 1647

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Tgt Ion:216 Resp: 403312

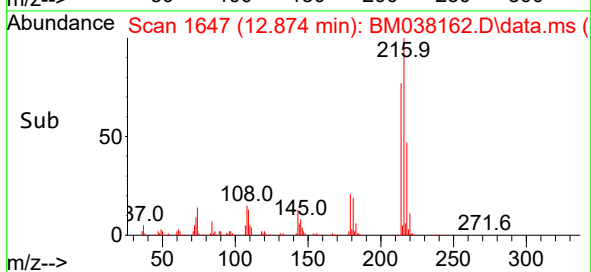
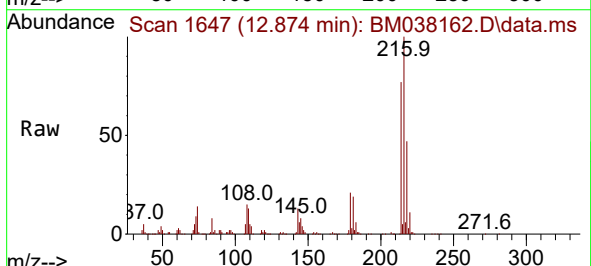
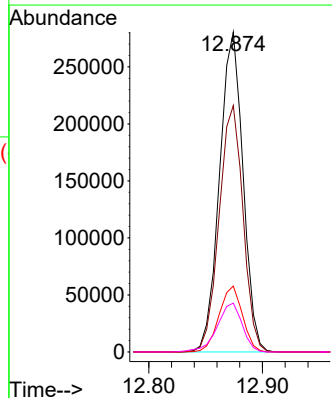
Ion Ratio Lower Upper

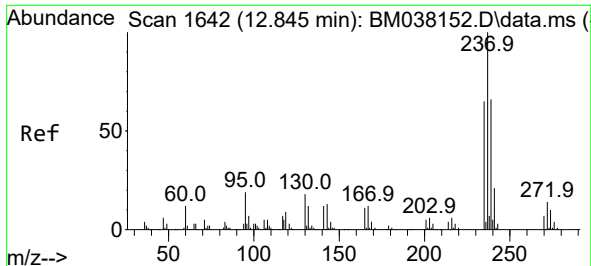
216 100

214 77.0 64.2 96.4

179 20.6 15.4 23.2

108 15.2 12.7 19.1

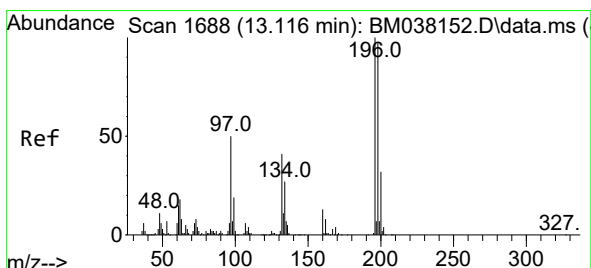
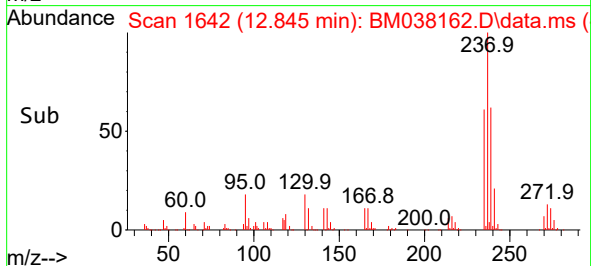
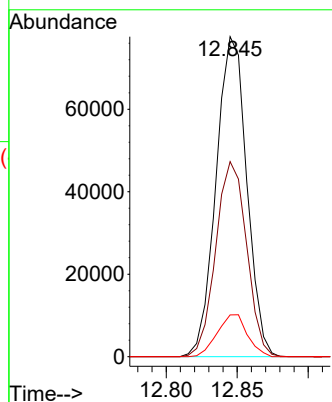
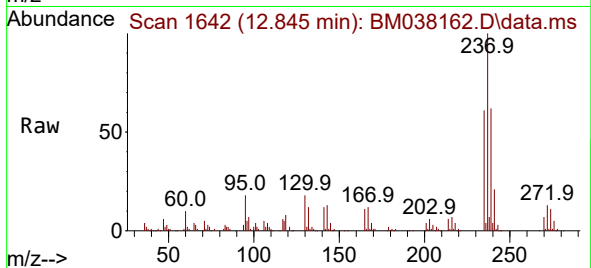




#40
Hexachlorocyclopentadiene
Concen: 10.266 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

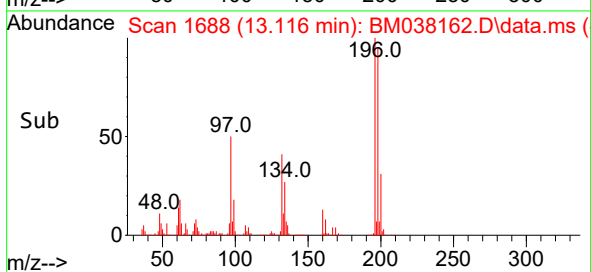
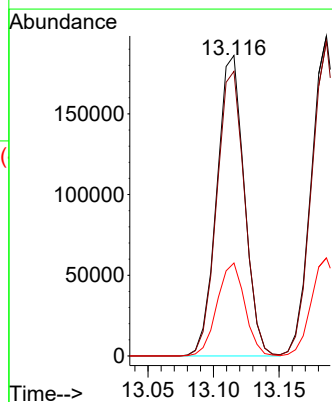
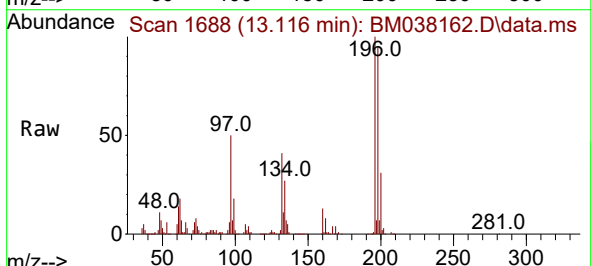
Instrument :
BNA_M
ClientSampleId :

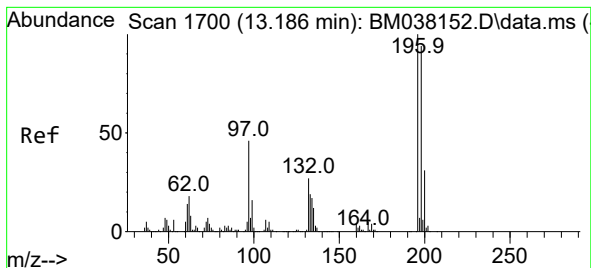
Tgt Ion:237 Resp: 116624
Ion Ratio Lower Upper
237 100
235 61.0 50.4 75.6
272 13.0 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 22.447 ng/ul
RT: 13.116 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:196 Resp: 271535
Ion Ratio Lower Upper
196 100
198 94.7 75.0 112.6
200 31.0 24.5 36.7





#42

2,4,5-Trichlorophenol

Concen: 23.019 ng/ul

RT: 13.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :

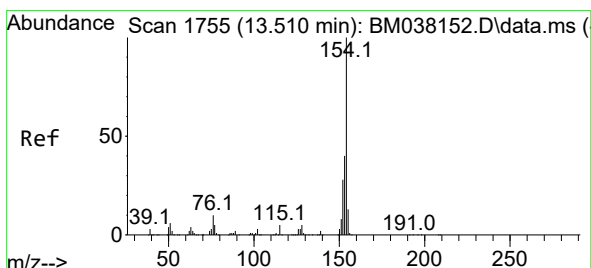
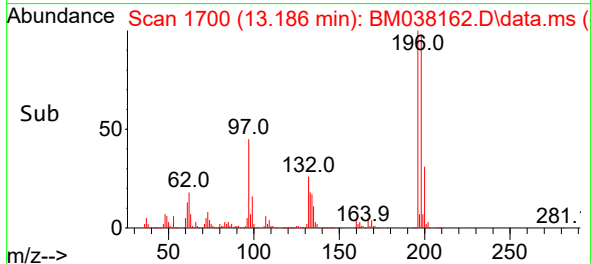
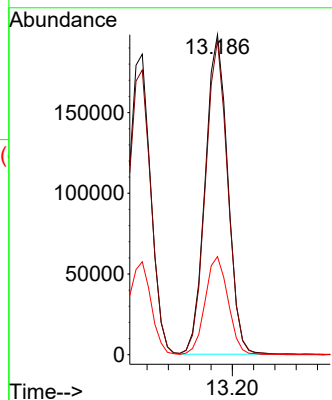
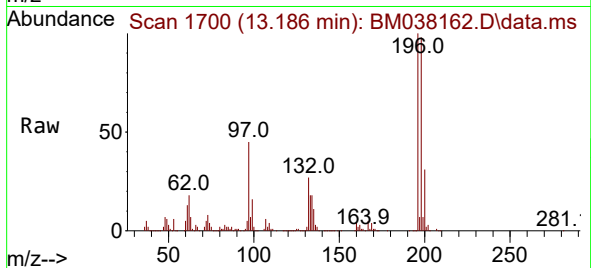
Tgt Ion:196 Resp: 290414

Ion Ratio Lower Upper

196 100

198 98.3 76.5 114.7

200 30.7 24.9 37.3



#43

1,1'-Biphenyl

Concen: 20.185 ng/ul

RT: 13.510 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

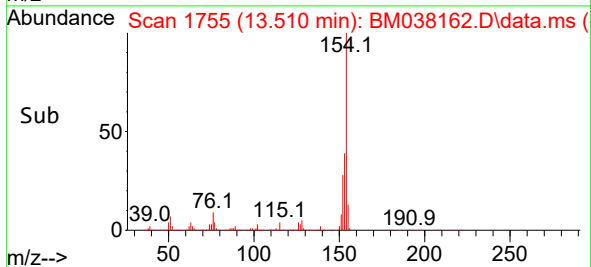
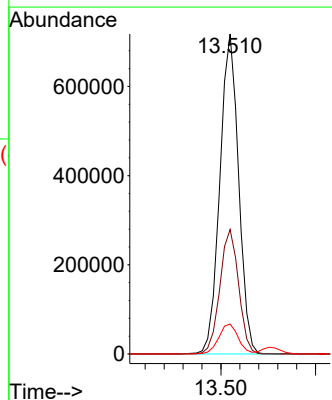
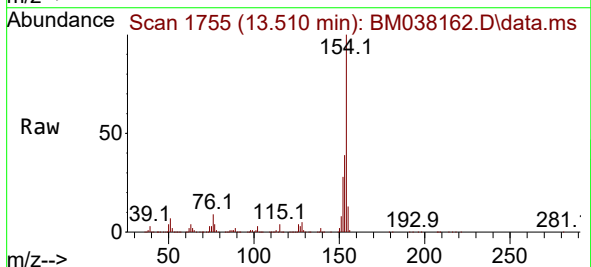
Tgt Ion:154 Resp: 986193

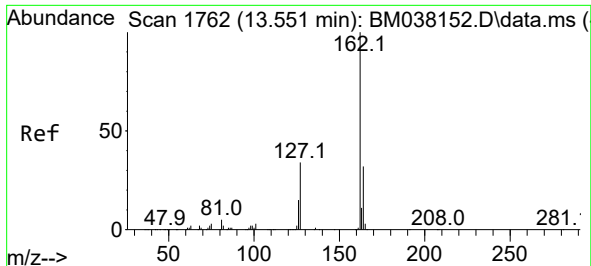
Ion Ratio Lower Upper

154 100

153 38.9 31.2 46.8

76 9.3 9.3 13.9

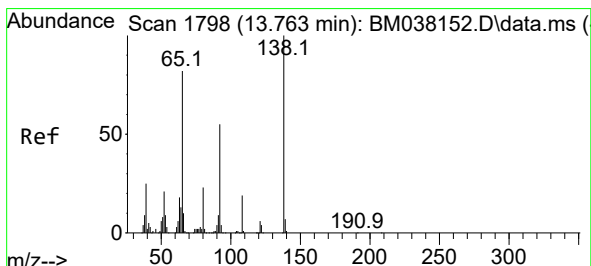
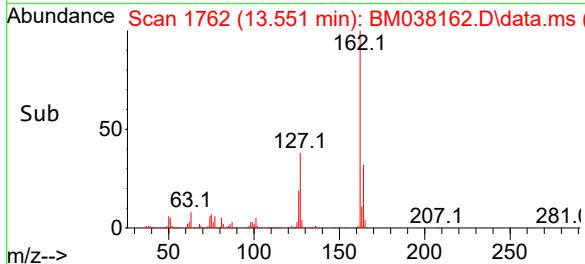
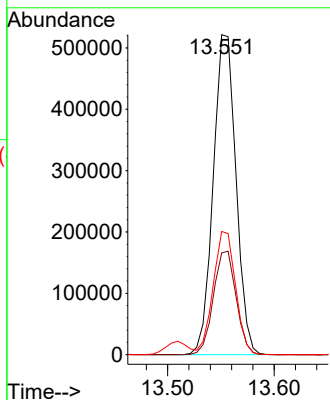
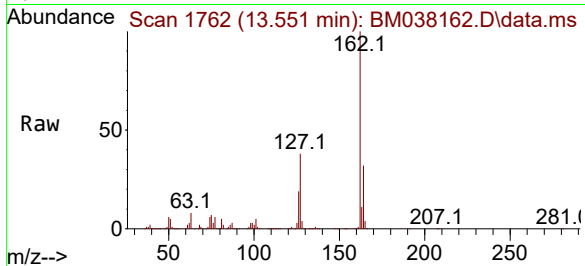




#44
2-Chloronaphthalene
Concen: 20.494 ng/ul
RT: 13.551 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

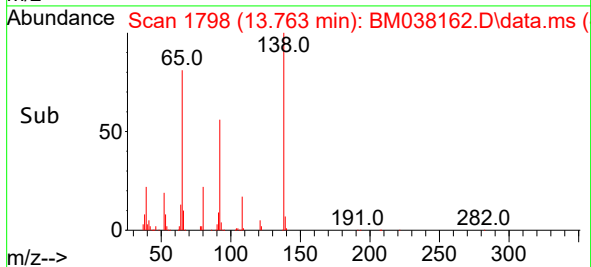
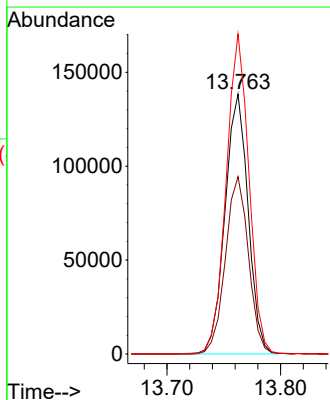
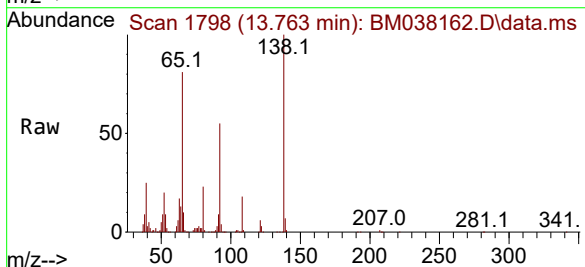
Instrument :
BNA_M
ClientSampleId :

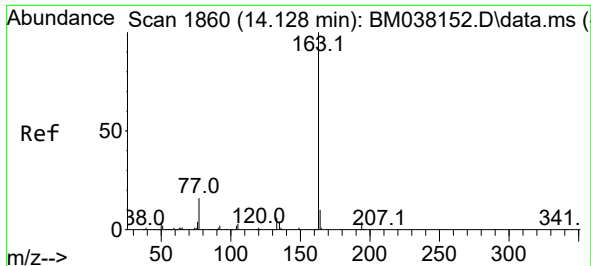
Tgt Ion:162 Resp: 772414
Ion Ratio Lower Upper
162 100
164 31.8 27.3 40.9
127 38.5 29.4 44.0



#45
2-Nitroaniline
Concen: 21.580 ng/ul
RT: 13.763 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion: 65 Resp: 195975
Ion Ratio Lower Upper
65 100
92 68.3 53.5 80.3
138 123.2 91.3 136.9

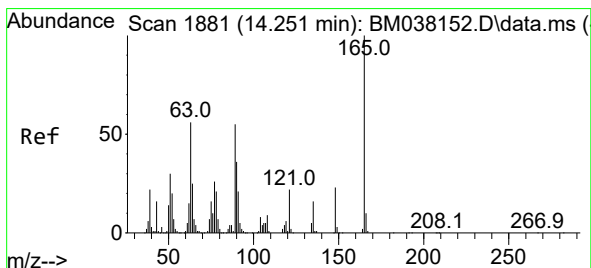
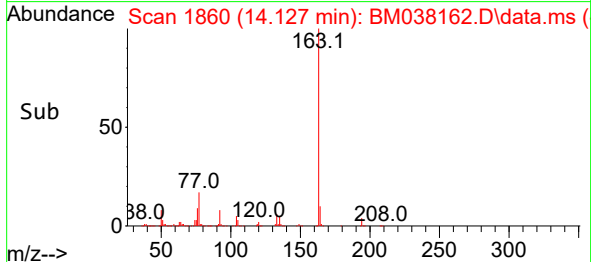
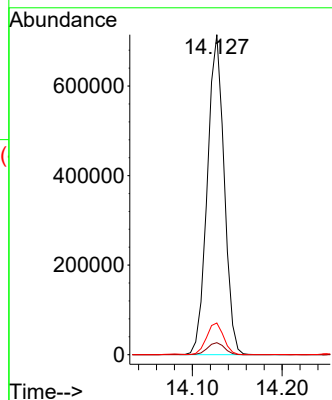
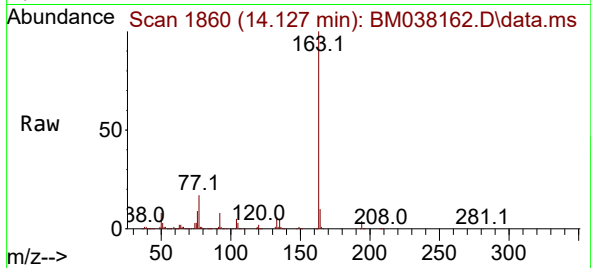




#47
Dimethylphthalate
Concen: 21.751 ng/ul
RT: 14.127 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

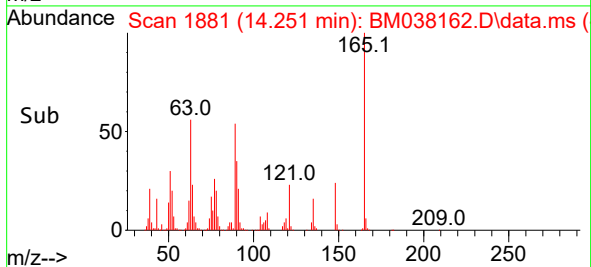
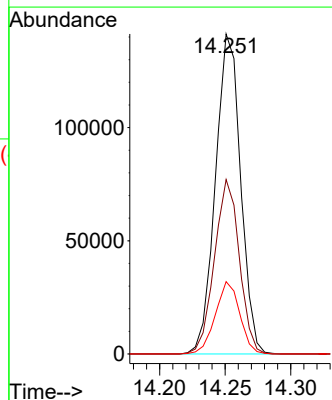
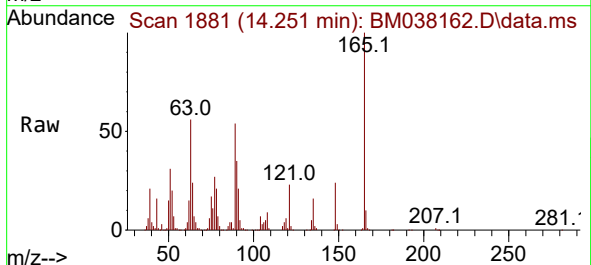
Instrument :
BNA_M
ClientSampleId :

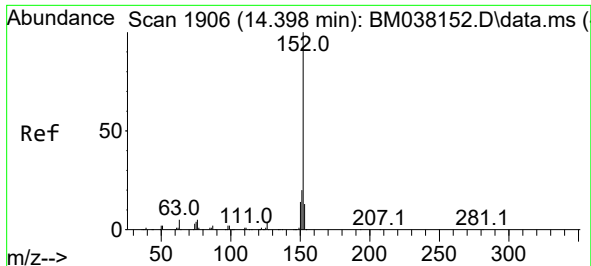
Tgt Ion:163 Resp: 929929
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 22.704 ng/ul
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

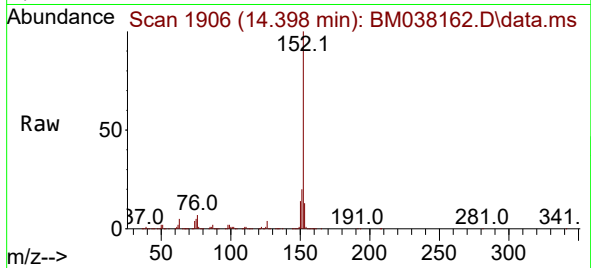
Tgt Ion:165 Resp: 188540
Ion Ratio Lower Upper
165 100
89 54.5 41.1 61.7
121 22.6 17.4 26.2



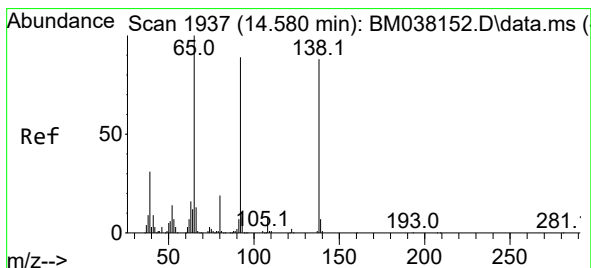
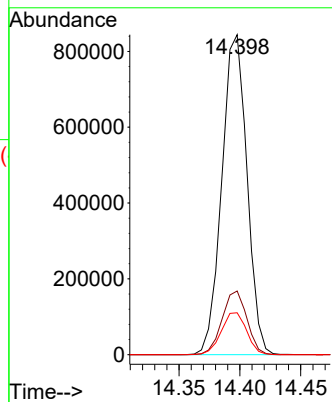
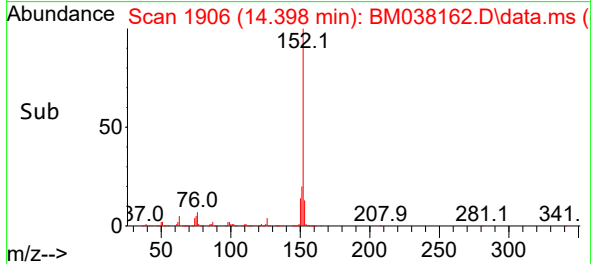


#50
Acenaphthylene
Concen: 20.858 ng/ul
RT: 14.398 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Instrument :
BNA_M
ClientSampleId :

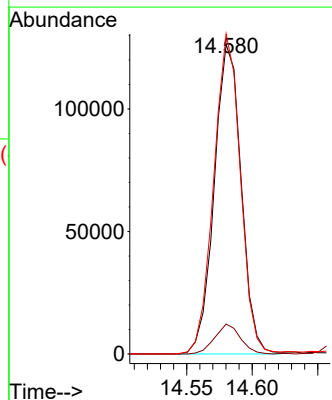
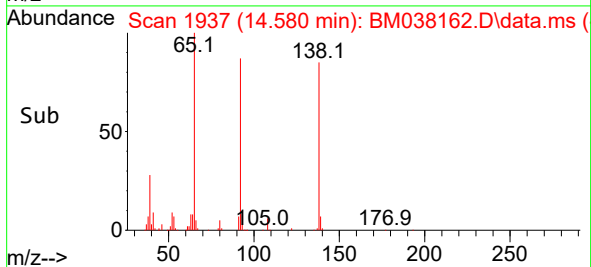
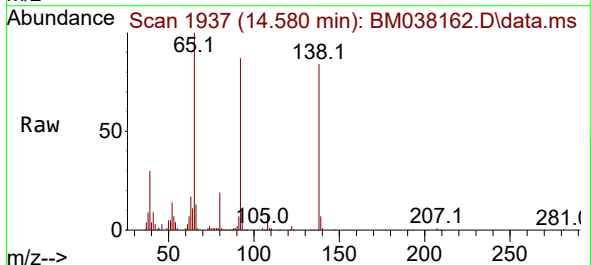


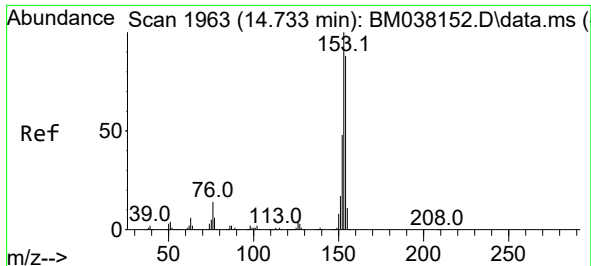
Tgt Ion:152 Resp: 1214656
Ion Ratio Lower Upper
152 100
151 19.9 15.3 22.9
153 13.1 10.2 15.4



#51
3-Nitroaniline
Concen: 21.777 ng/ul
RT: 14.580 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:138 Resp: 180431
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 103.3 83.4 125.0

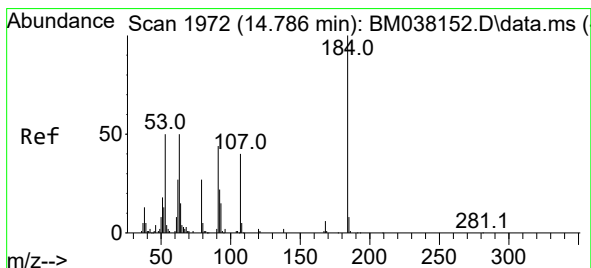
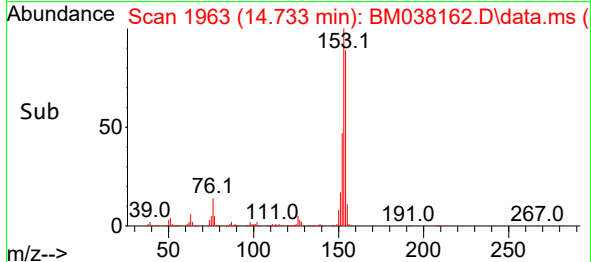
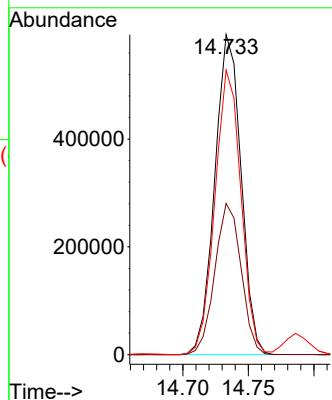
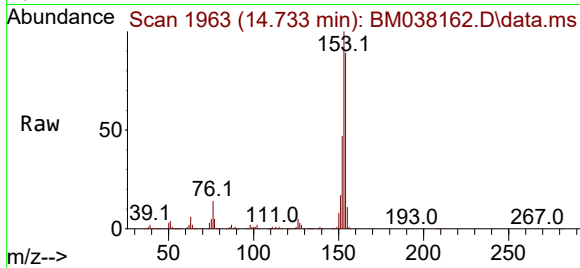




#52
Acenaphthene
Concen: 20.570 ng/ul
RT: 14.733 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

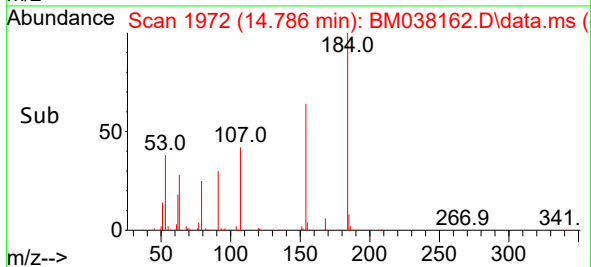
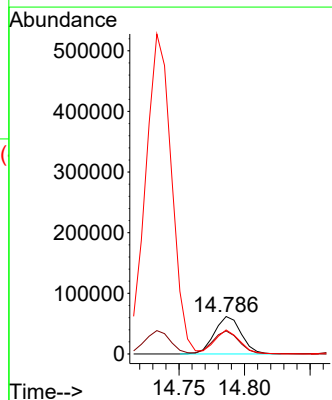
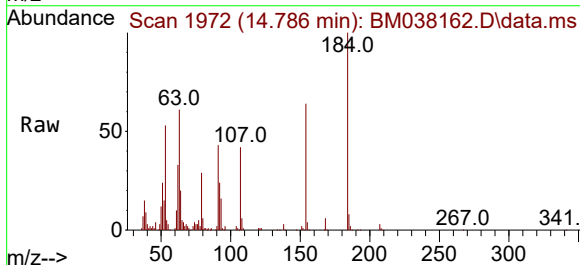
Instrument :
BNA_M
ClientSampleId :

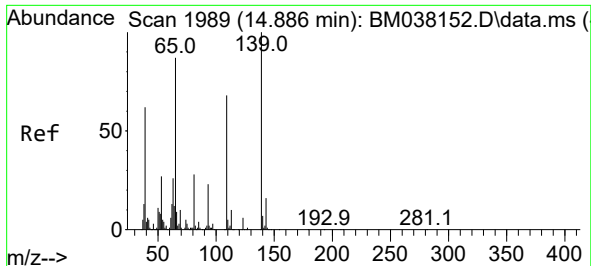
Tgt Ion:153 Resp: 828538
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.4
154 88.9 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 21.589 ng/ul
RT: 14.786 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:184 Resp: 87975
Ion Ratio Lower Upper
184 100
63 61.4 46.2 69.4
154 63.9 45.5 68.3

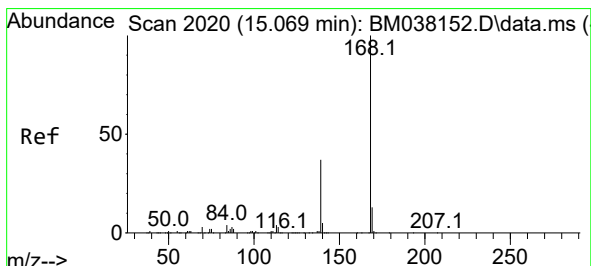
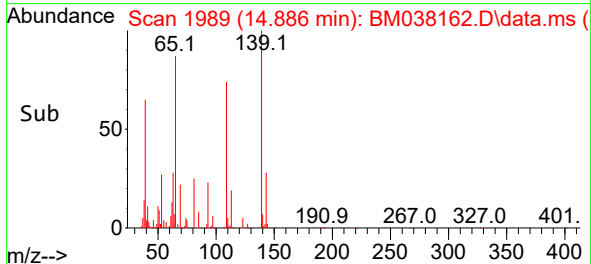
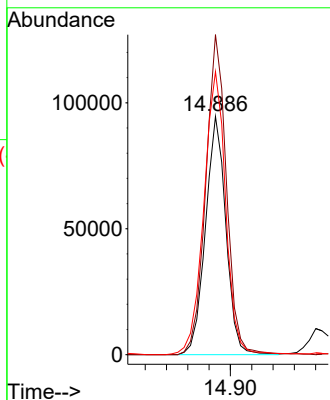
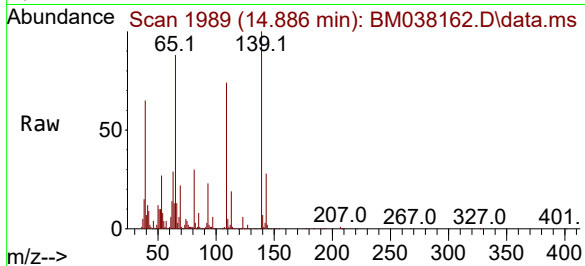




#55
4-Nitrophenol
Concen: 25.968 ng/ul
RT: 14.886 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

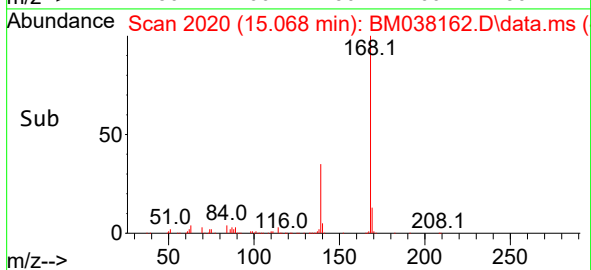
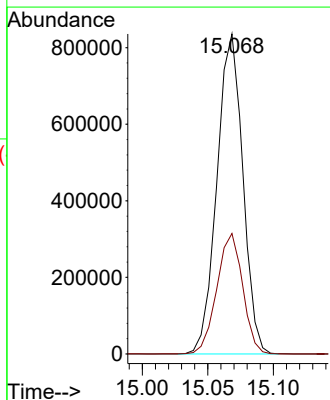
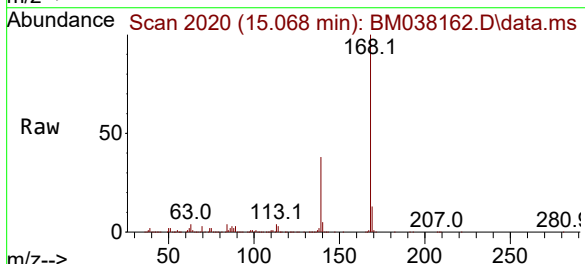
Instrument :
BNA_M
ClientSampleId :

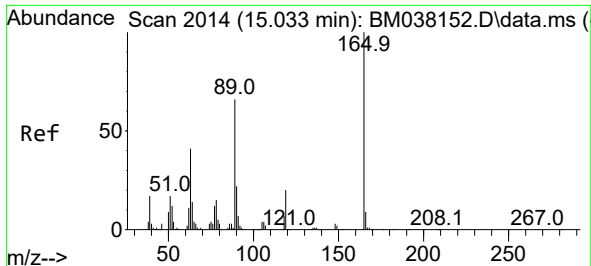
Tgt Ion:109 Resp: 126471
Ion Ratio Lower Upper
109 100
139 134.3 119.2 178.8
65 118.8 108.7 163.1



#56
Dibenzofuran
Concen: 20.852 ng/ul
RT: 15.068 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:168 Resp: 1146708
Ion Ratio Lower Upper
168 100
139 37.6 28.1 42.1





#57

2,4-Dinitrotoluene

Concen: 23.461 ng/ul

RT: 15.033 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :

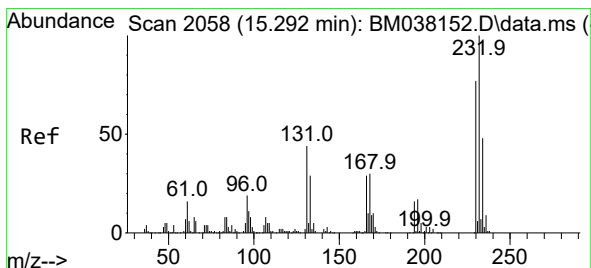
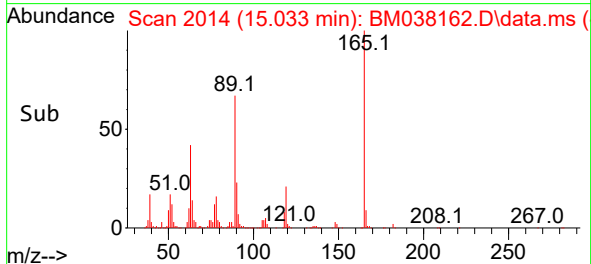
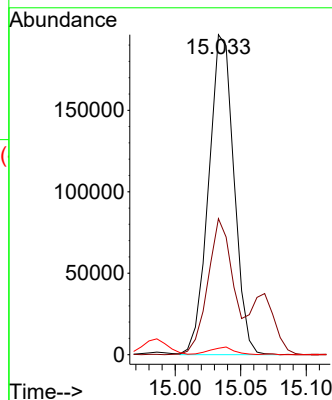
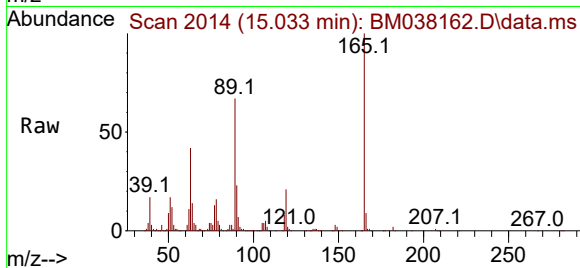
Tgt Ion:165 Resp: 263851

Ion Ratio Lower Upper

165 100

63 42.5 34.9 52.3

182 2.0 2.2 3.2#



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.344 ng/ul

RT: 15.292 min Scan# 2058

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Tgt Ion:232 Resp: 247740

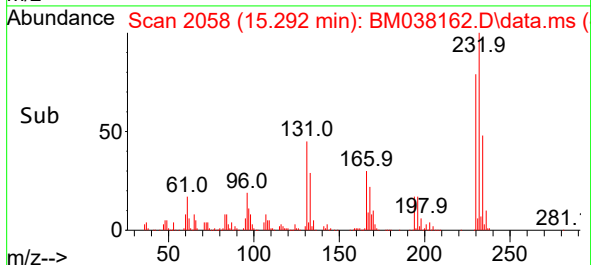
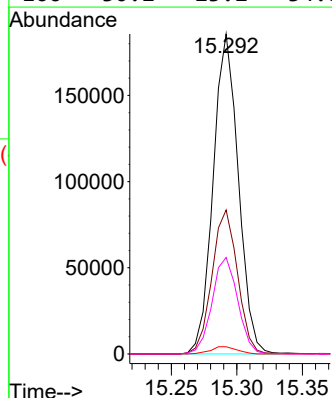
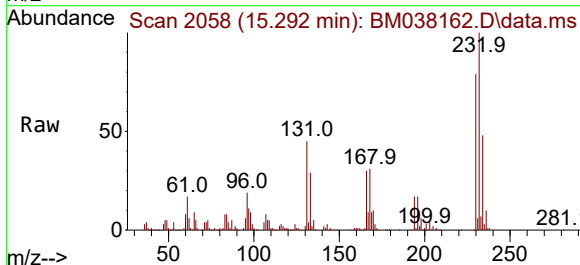
Ion Ratio Lower Upper

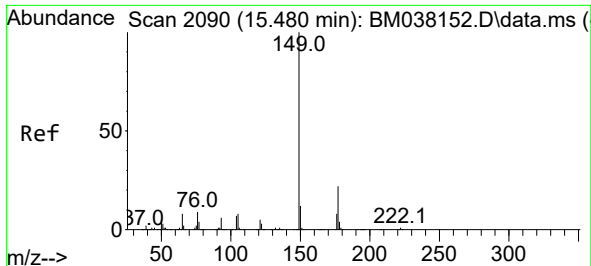
232 100

131 45.0 32.8 49.2

130 2.3 2.0 3.0

166 30.2 23.2 34.8





#59

Diethylphthalate

Concen: 22.367 ng/ul

RT: 15.480 min Scan# 2090

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :

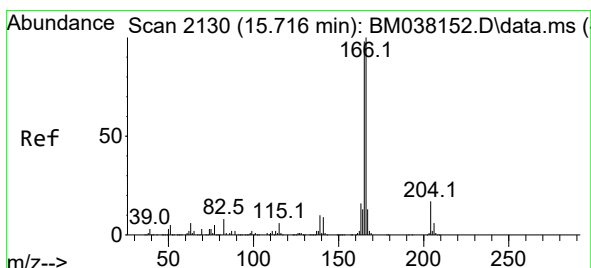
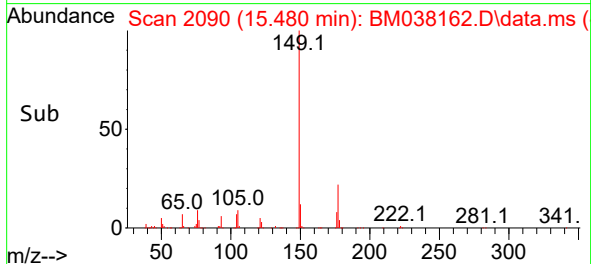
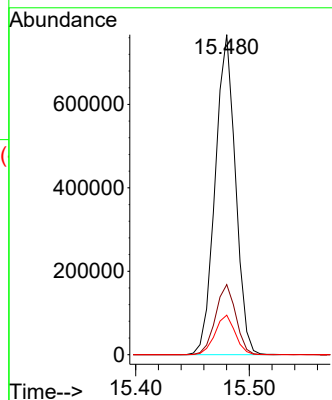
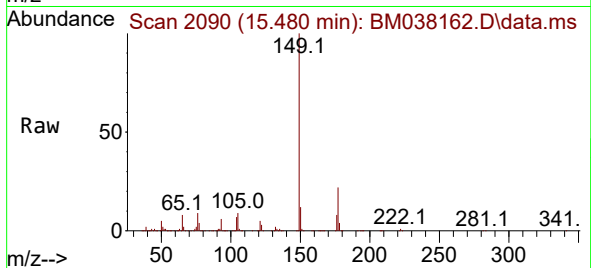
Tgt Ion:149 Resp: 952627

Ion Ratio Lower Upper

149 100

177 21.9 18.5 27.7

150 12.4 9.5 14.3



#61

Fluorene

Concen: 21.352 ng/ul

RT: 15.715 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

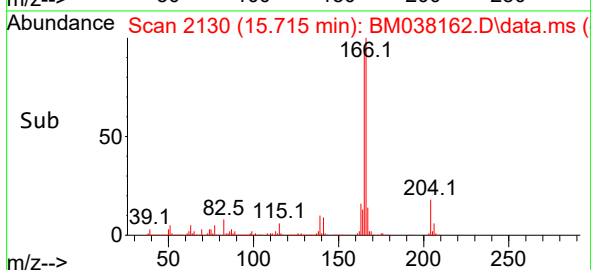
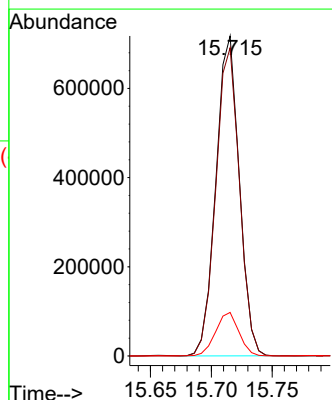
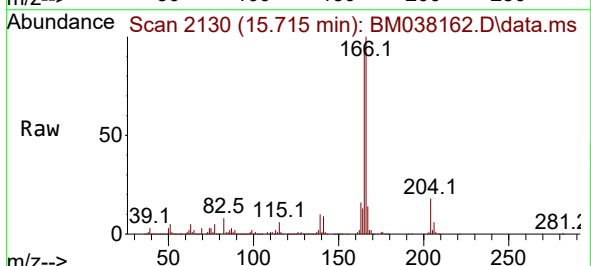
Tgt Ion:166 Resp: 957581

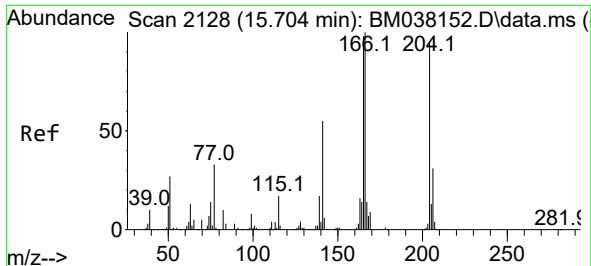
Ion Ratio Lower Upper

166 100

165 96.3 77.2 115.8

167 13.6 10.4 15.6

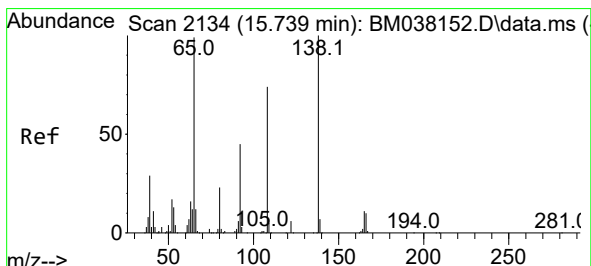
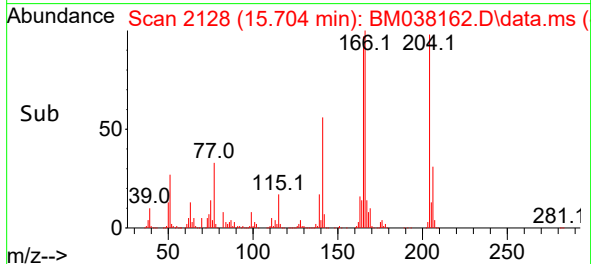
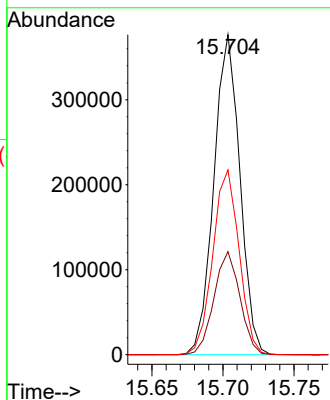
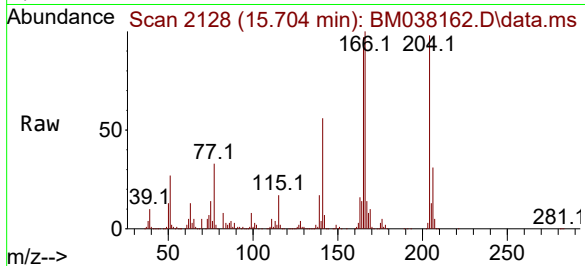




#62
4-Chlorophenyl-phenylether
Concen: 21.900 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

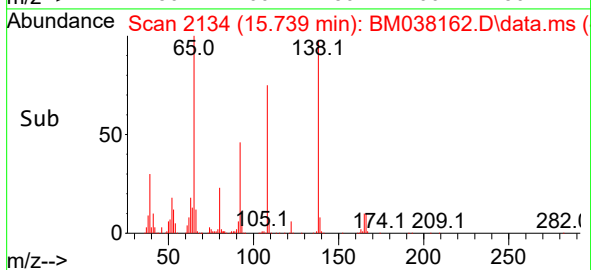
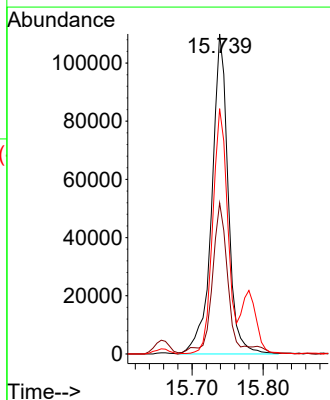
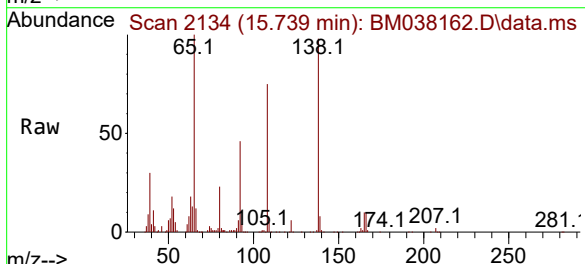
Instrument :
BNA_M
ClientSampleId :

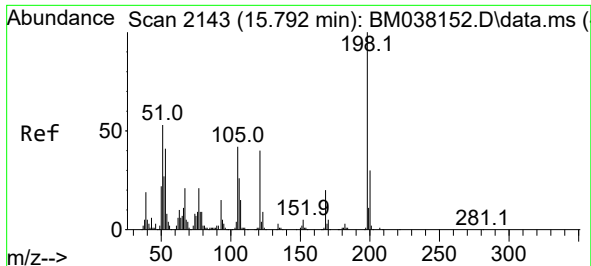
Tgt Ion:204 Resp: 479989
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 57.7 42.8 64.2



#63
4-Nitroaniline
Concen: 23.379 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:138 Resp: 175634
Ion Ratio Lower Upper
138 100
92 47.2 36.1 54.1
108 76.7 51.6 77.4

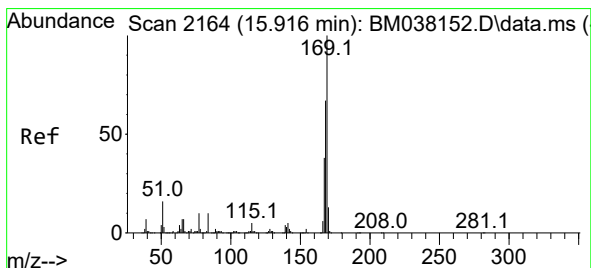
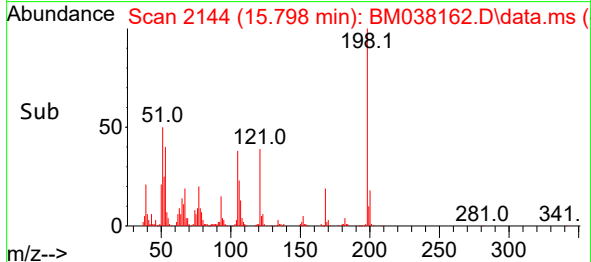
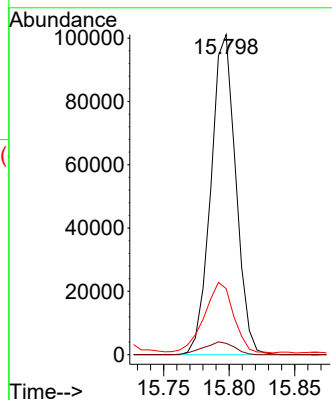
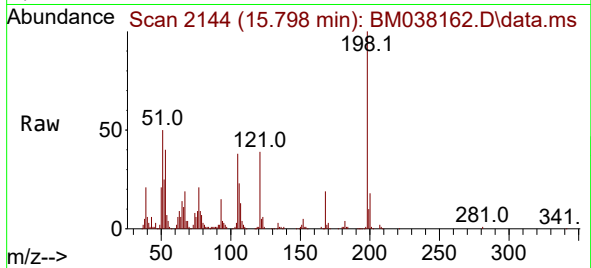




#66
4,6-Dinitro-2-methylphenol
Concen: 20.297 ng/ul
RT: 15.798 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

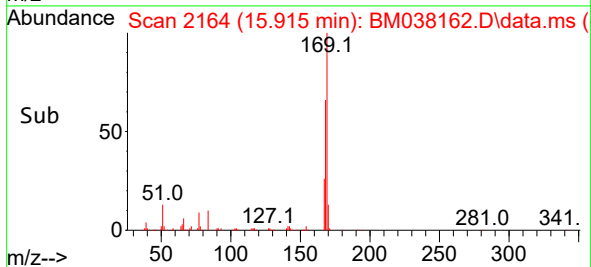
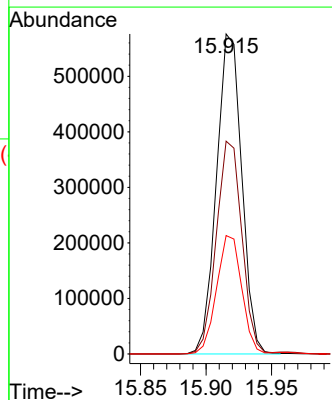
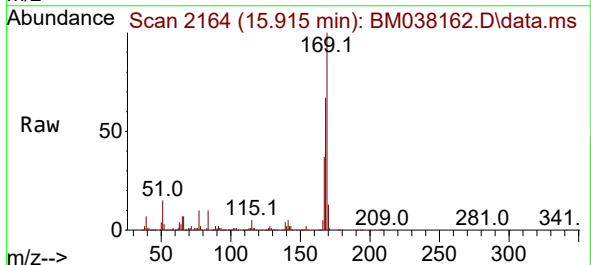
Instrument :
BNA_M
ClientSampleId :

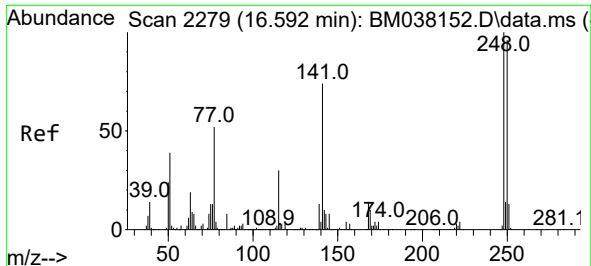
Tgt Ion:198 Resp: 133438
Ion Ratio Lower Upper
198 100
182 3.6 3.8 5.8#
77 20.7 19.3 28.9



#67
N-Nitrosodiphenylamine
Concen: 20.153 ng/ul
RT: 15.915 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:169 Resp: 772162
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 37.0 29.3 43.9

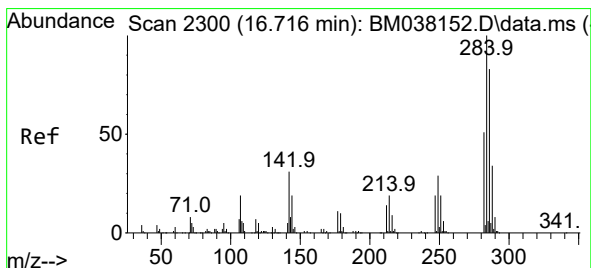
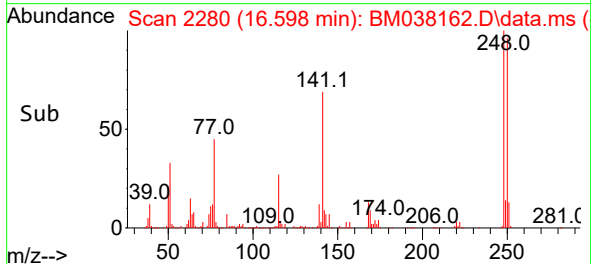
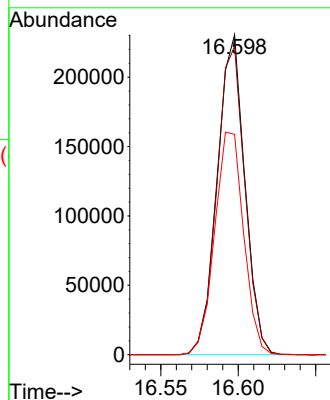
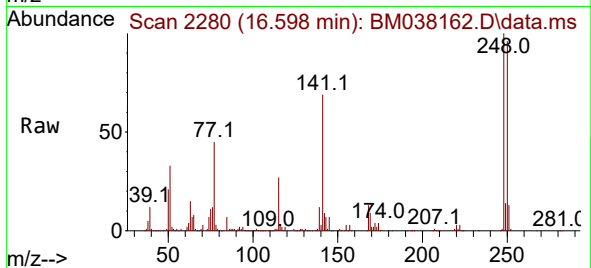




#68
4-Bromophenyl-phenylether
Concen: 20.569 ng/ul
RT: 16.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

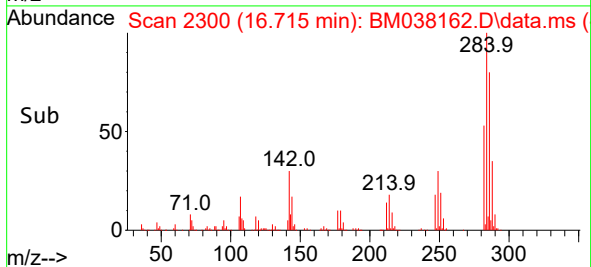
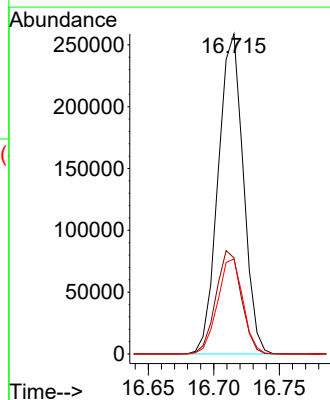
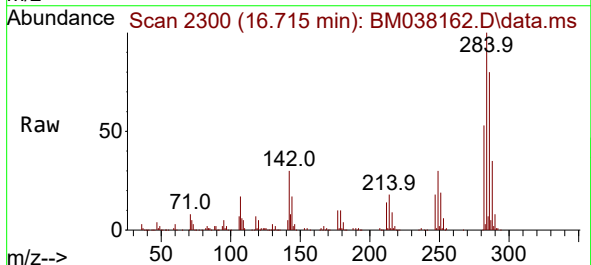
Instrument :
BNA_M
ClientSampleId :

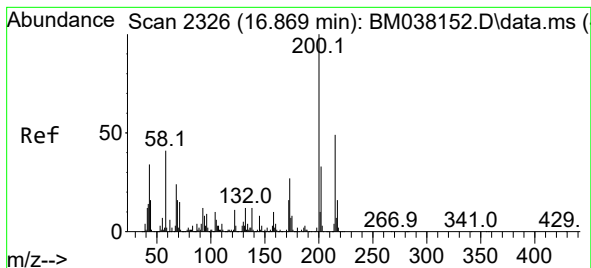
Tgt Ion:248 Resp: 286389
Ion Ratio Lower Upper
248 100
250 96.3 78.7 118.1
141 68.8 52.7 79.1



#69
Hexachlorobenzene
Concen: 20.755 ng/ul
RT: 16.715 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:284 Resp: 344944
Ion Ratio Lower Upper
284 100
142 30.0 23.1 34.7
249 29.7 23.3 34.9





#70

Atrazine

Concen: 22.068 ng/ul

RT: 16.868 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :

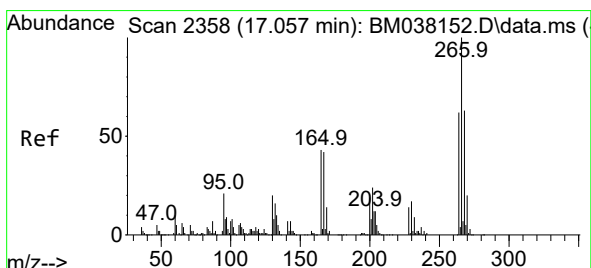
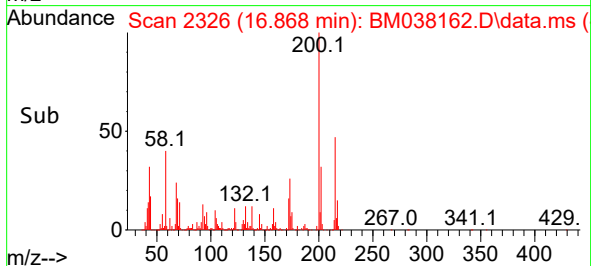
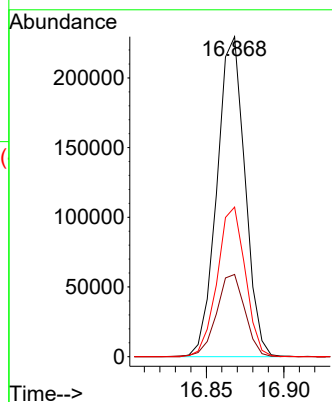
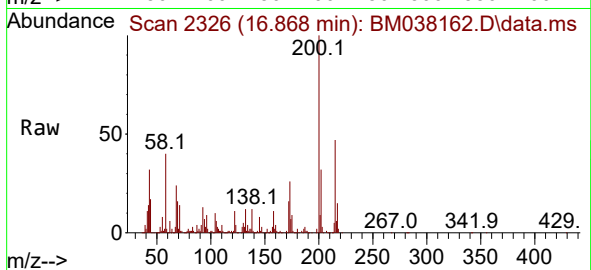
Tgt Ion:200 Resp: 288939

Ion Ratio Lower Upper

200 100

173 25.7 20.5 30.7

215 46.7 40.1 60.1



#71

Pentachlorophenol

Concen: 21.934 ng/ul

RT: 17.056 min Scan# 2358

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

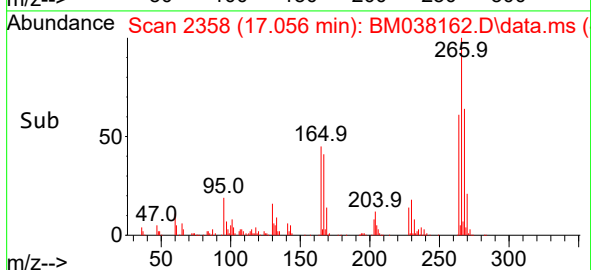
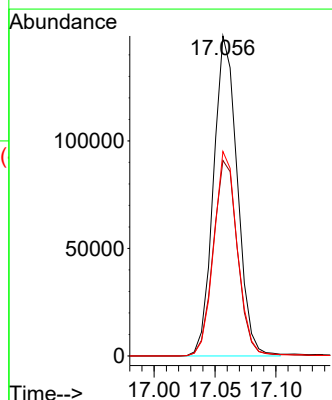
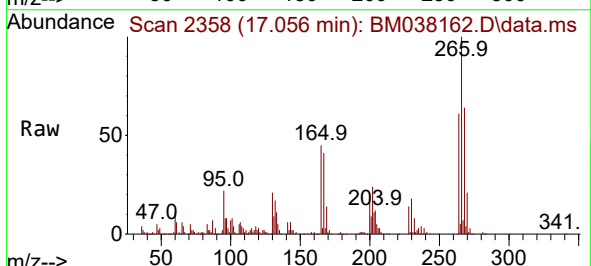
Tgt Ion:266 Resp: 202679

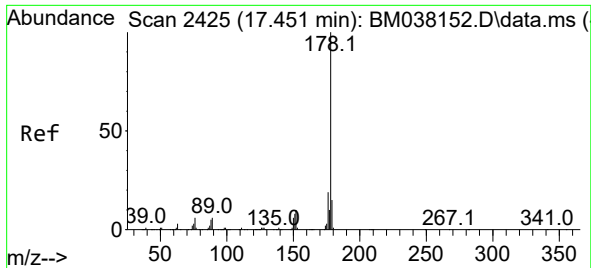
Ion Ratio Lower Upper

266 100

264 61.1 50.1 75.1

268 63.9 50.6 75.8

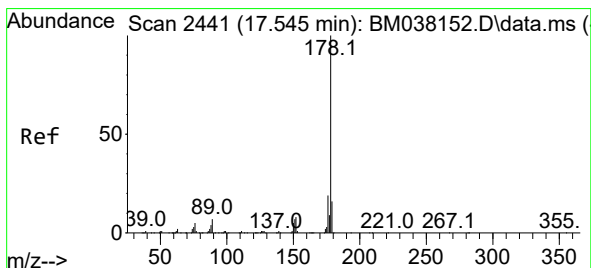
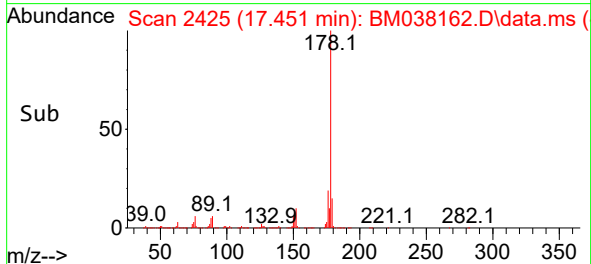
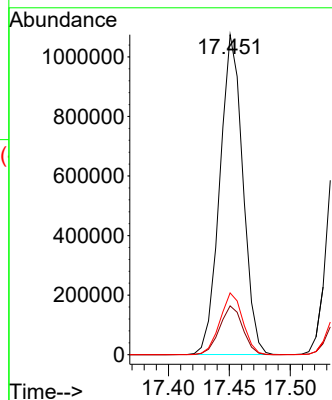
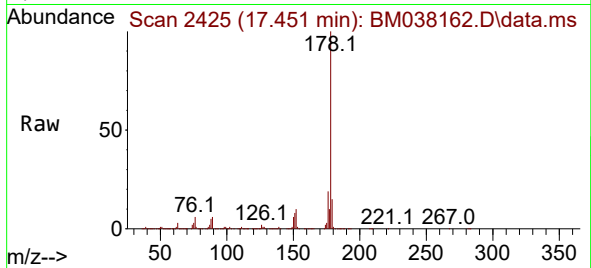




#72
Phenanthrene
Concen: 20.373 ng/ul
RT: 17.451 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

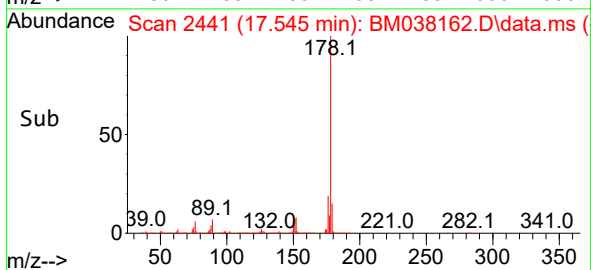
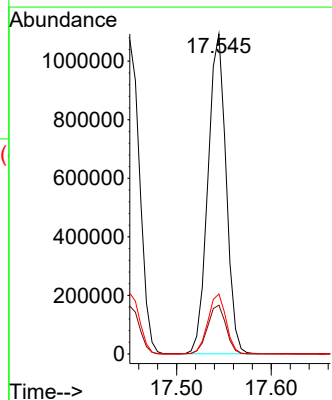
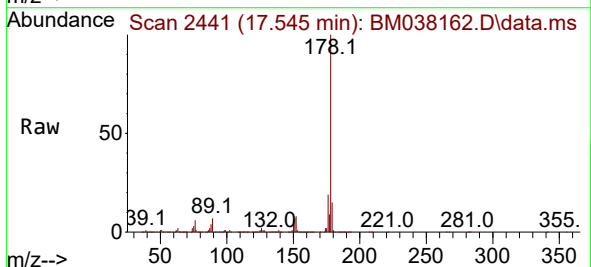
Instrument :
BNA_M
ClientSampleId :

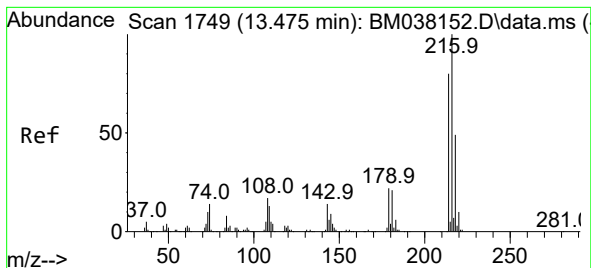
Tgt Ion:178 Resp: 1413120
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.3 15.4 23.0



#74
Anthracene
Concen: 20.644 ng/ul
RT: 17.545 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:178 Resp: 1455204
Ion Ratio Lower Upper
178 100
179 15.3 11.8 17.8
176 18.7 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.358 ng/uL

RT: 13.474 min Scan# 1

Delta R.T. -0.006 min

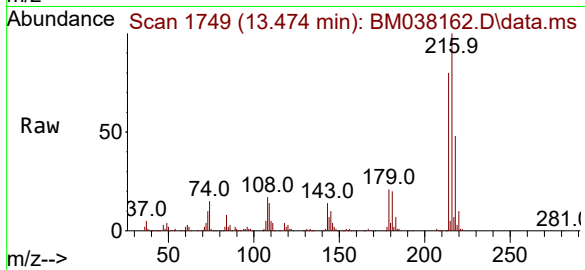
Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :



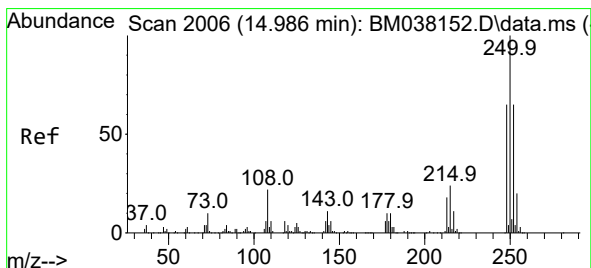
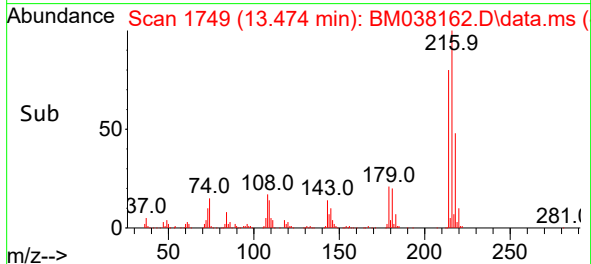
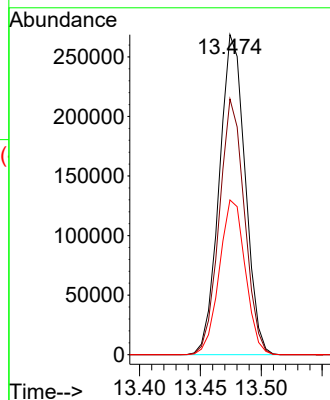
Tgt Ion:216 Resp: 397498

Ion Ratio Lower Upper

216 100

214 79.9 62.6 93.8

218 48.4 38.3 57.5



#76

Pentachlorobenzene

Concen: 19.546 ng/uL

RT: 14.986 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

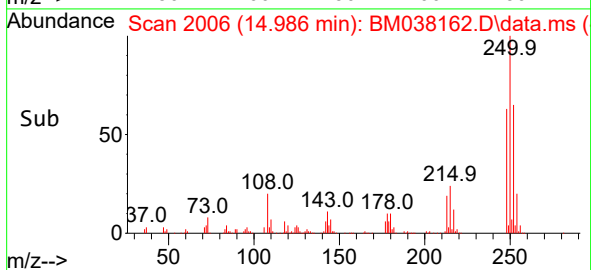
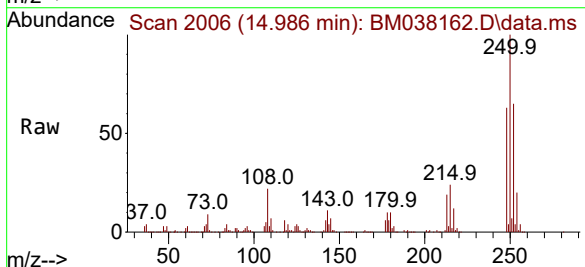
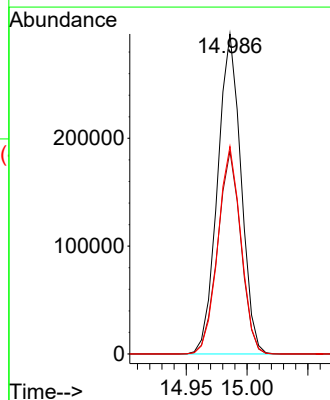
Tgt Ion:250 Resp: 397583

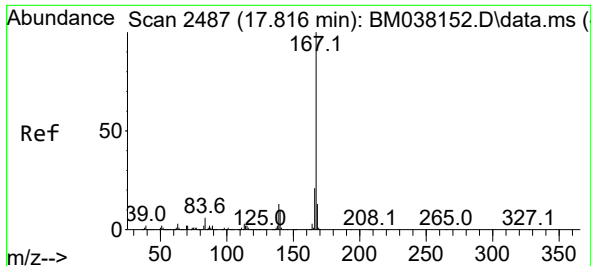
Ion Ratio Lower Upper

250 100

248 63.3 51.0 76.4

252 64.8 51.8 77.6

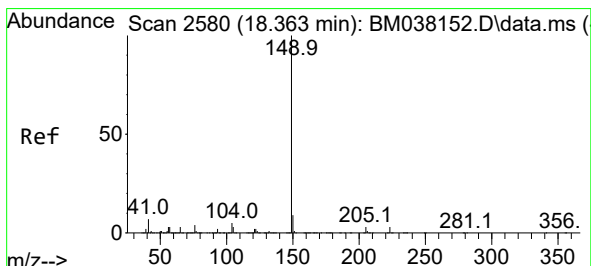
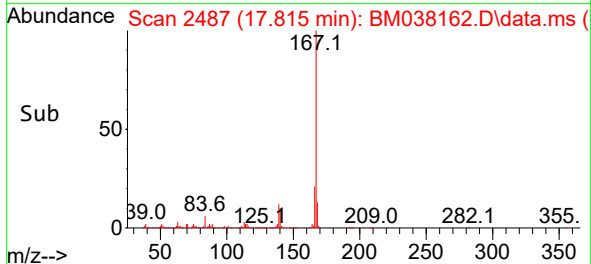
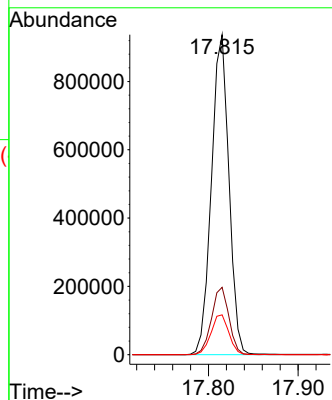
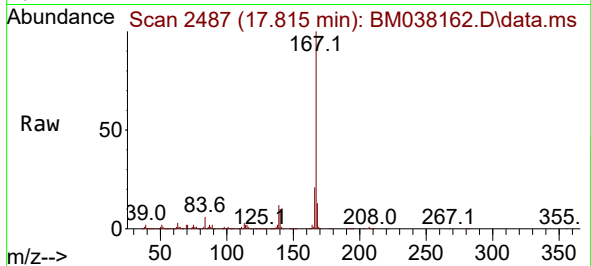




#77
 Carbazole
 Concen: 20.759 ng/ul
 RT: 17.815 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BM038162.D
 Acq: 21 Dec 2022 09:08

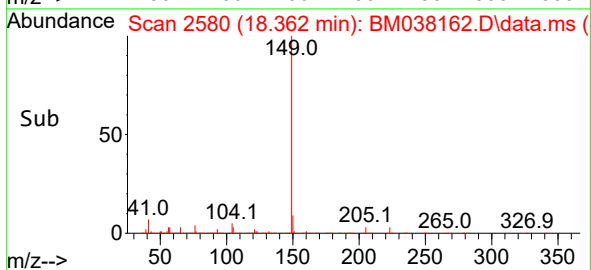
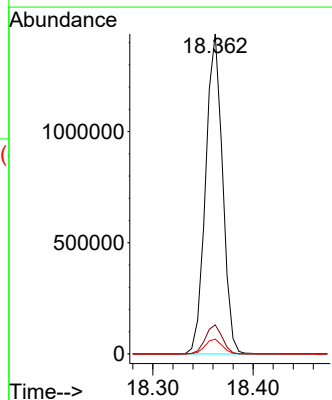
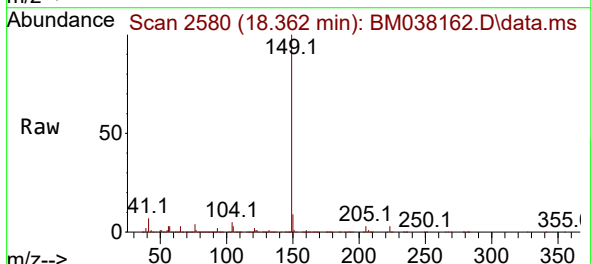
Instrument :
 BNA_M
 ClientSampleId :

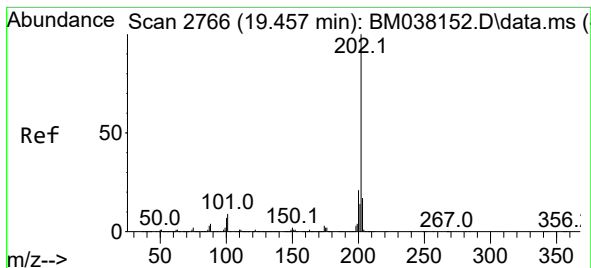
Tgt Ion:167 Resp: 1267770
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.7 25.1
 139 12.4 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 23.260 ng/ul
 RT: 18.362 min Scan# 2580
 Delta R.T. -0.000 min
 Lab File: BM038162.D
 Acq: 21 Dec 2022 09:08

Tgt Ion:149 Resp: 1688530
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.7 3.4 5.2





#80

Fluoranthene

Concen: 23.144 ng/ul

RT: 19.456 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :

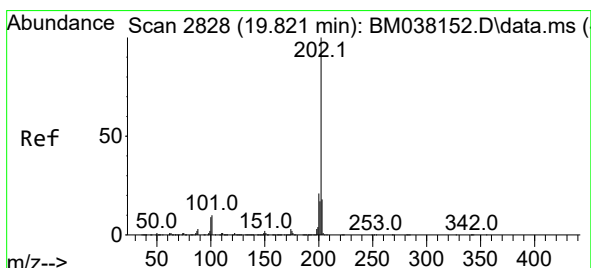
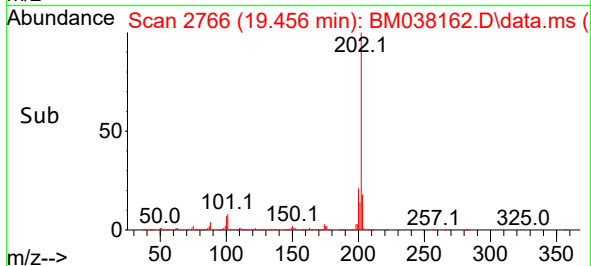
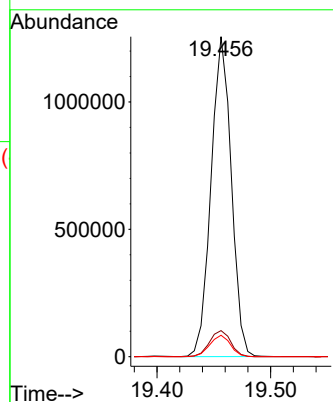
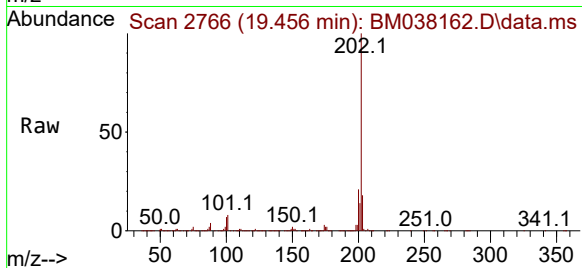
Tgt Ion:202 Resp: 1553690

Ion Ratio Lower Upper

202 100

101 8.2 8.6 13.0#

100 6.7 6.6 10.0



#82

Pyrene

Concen: 22.744 ng/ul

RT: 19.821 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

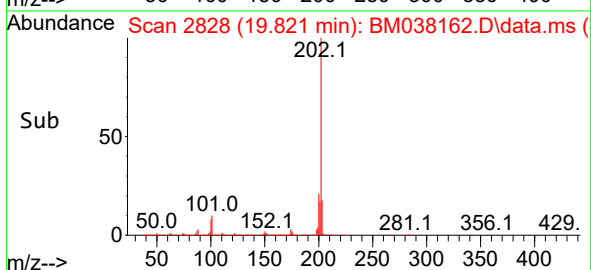
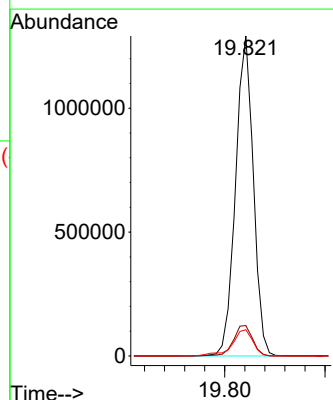
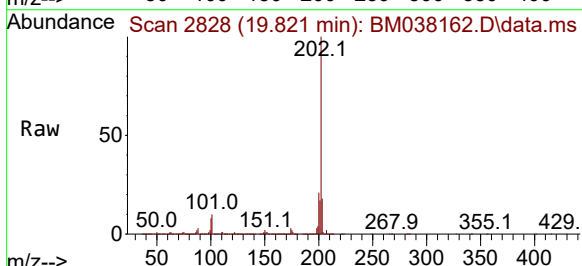
Tgt Ion:202 Resp: 1589027

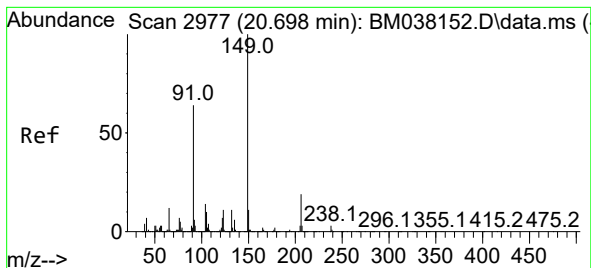
Ion Ratio Lower Upper

202 100

101 9.5 10.0 15.0#

100 8.2 7.9 11.9





#83

Butylbenzylphthalate

Concen: 26.836 ng/ul

RT: 20.703 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BM038162.D

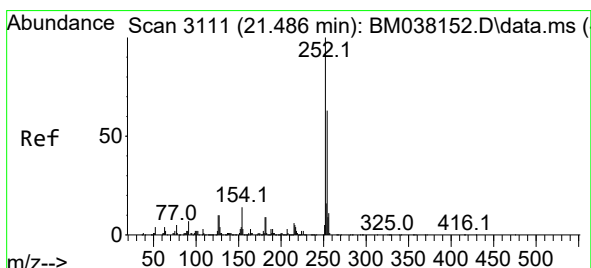
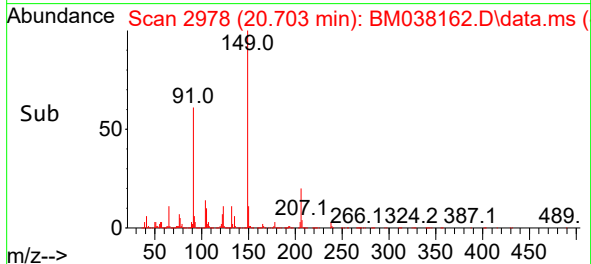
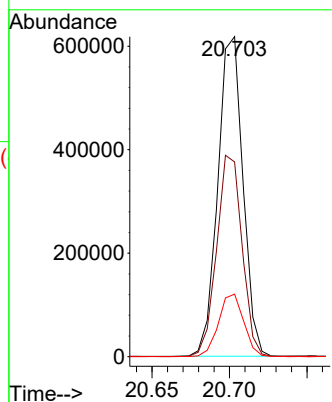
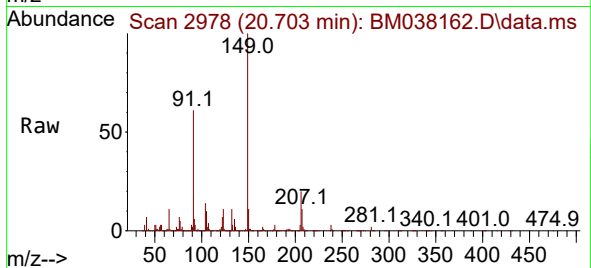
Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149	Resp: 697186
Ion Ratio	Lower Upper
149	100
91	60.8 54.5 81.7
206	19.5 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 19.063 ng/ul

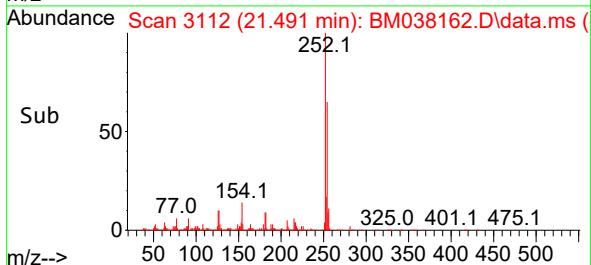
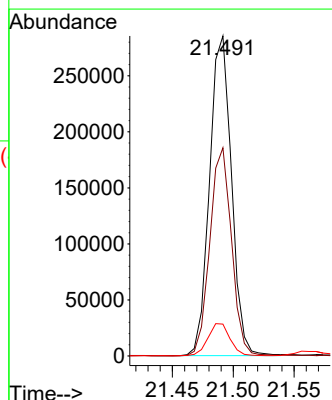
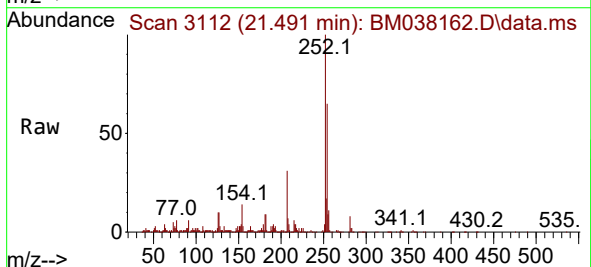
RT: 21.491 min Scan# 3112

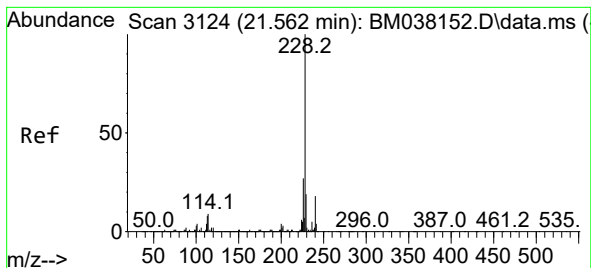
Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Tgt Ion:252	Resp: 357201
Ion Ratio	Lower Upper
252	100
254	65.0 53.2 79.8
126	10.0 7.8 11.8





#85

Benzo(a)anthracene

Concen: 21.279 ng/ul

RT: 21.562 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :

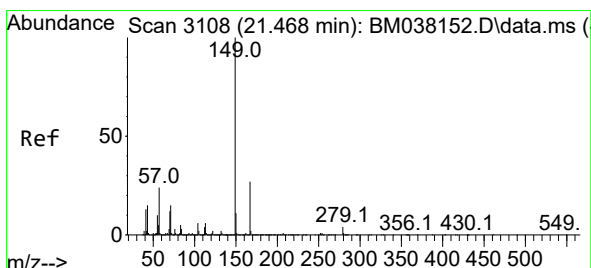
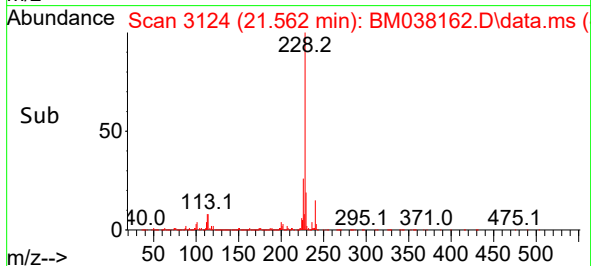
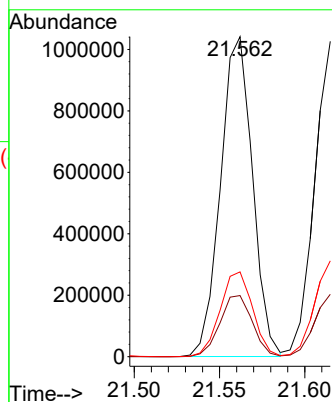
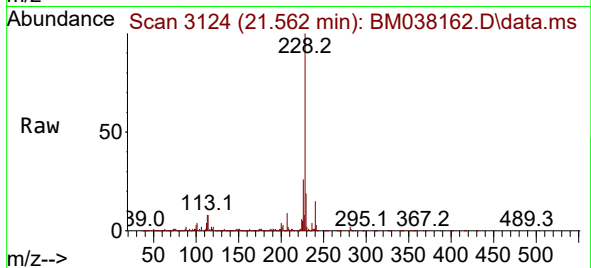
Tgt Ion:228 Resp: 1356543

Ion Ratio Lower Upper

228 100

229 19.1 15.5 23.3

226 26.5 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.589 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

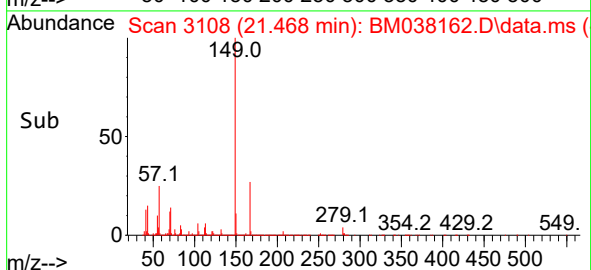
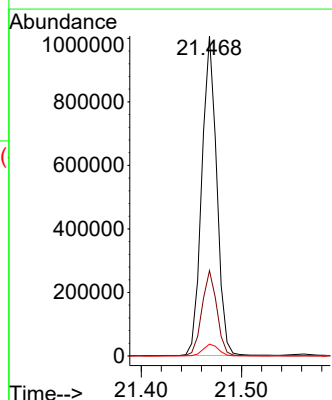
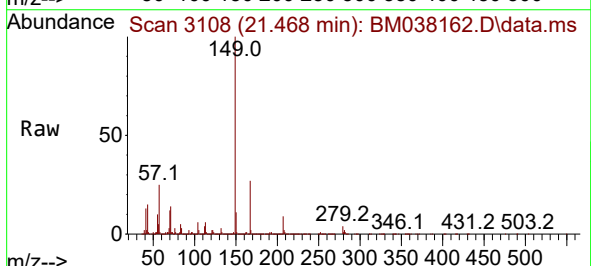
Tgt Ion:149 Resp: 1042702

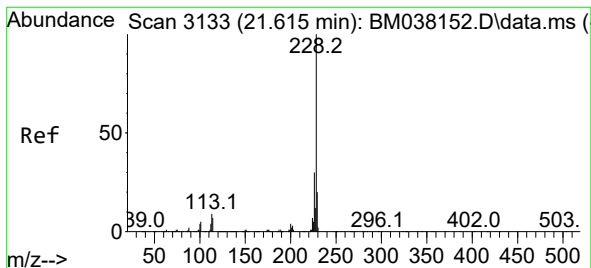
Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

279 3.7 3.2 4.8





#87

Chrysene

Concen: 20.625 ng/ul

RT: 21.615 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :

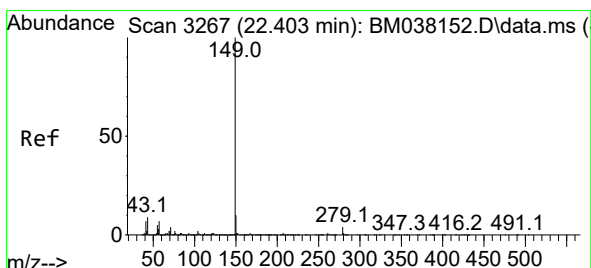
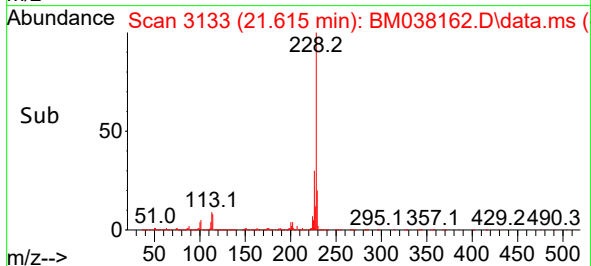
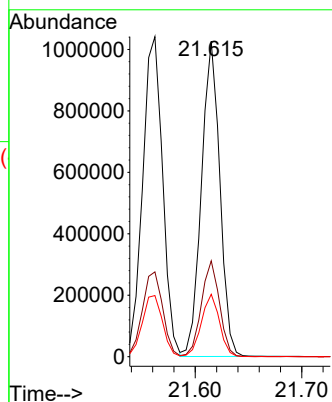
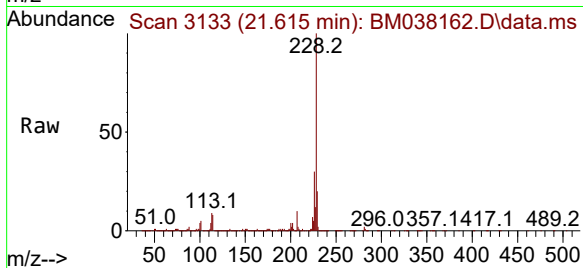
Tgt Ion:228 Resp: 1233621

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.8 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 28.960 ng/ul

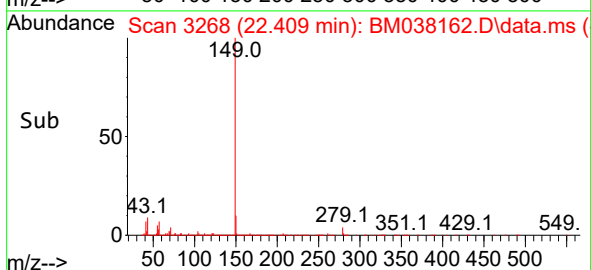
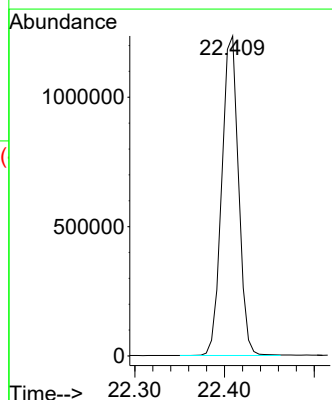
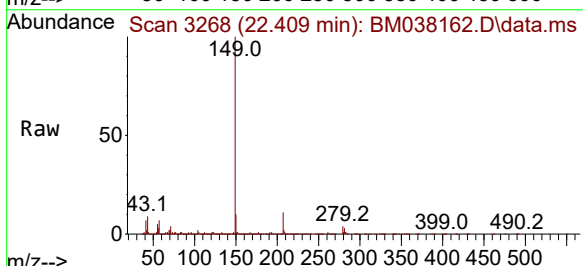
RT: 22.409 min Scan# 3268

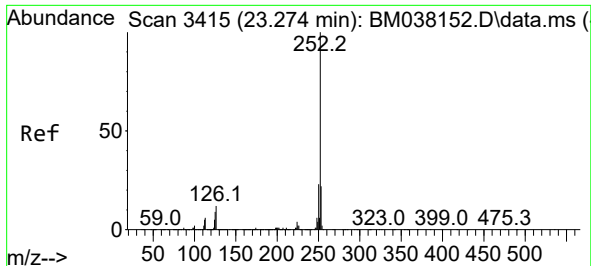
Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Tgt Ion:149 Resp: 1603100

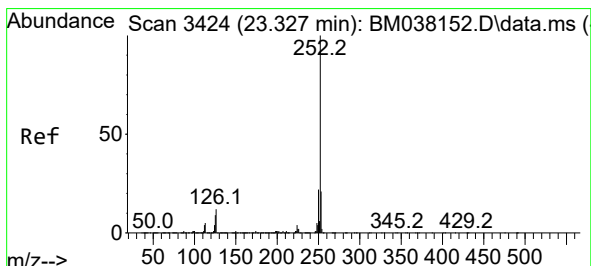
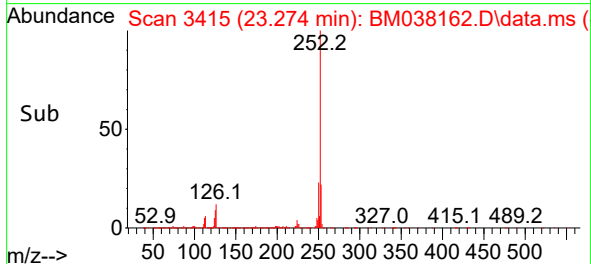
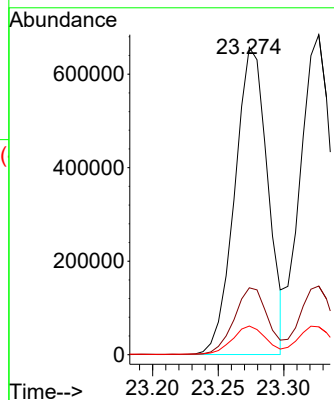
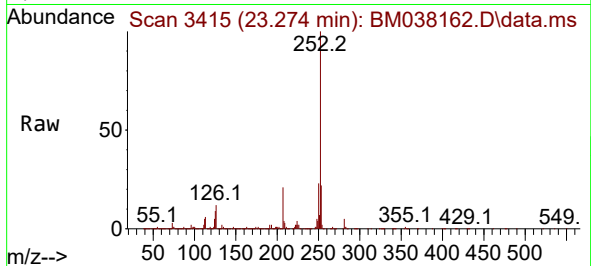




#90
Benzo(b)fluoranthene
Concen: 21.508 ng/ul
RT: 23.274 min Scan# 3415
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

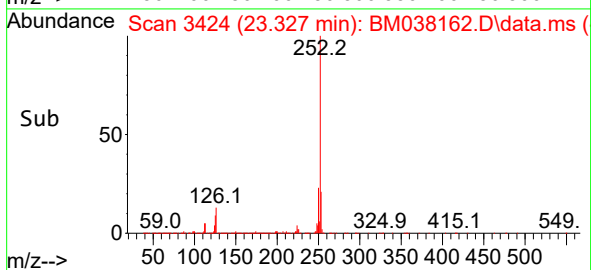
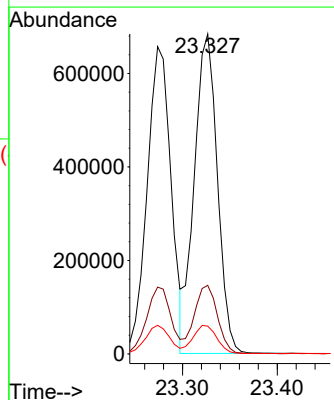
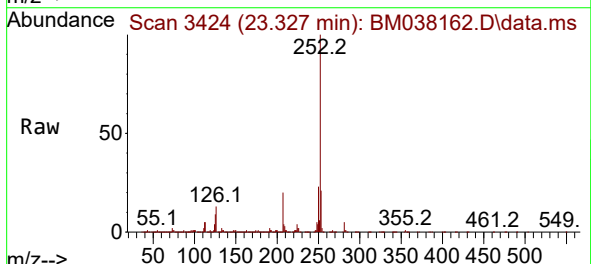
Instrument :
BNA_M
ClientSampleId :

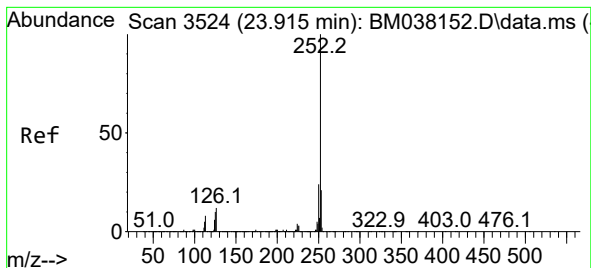
Tgt Ion:252 Resp: 1151913
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.3 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 22.275 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. -0.000 min
Lab File: BM038162.D
Acq: 21 Dec 2022 09:08

Tgt Ion:252 Resp: 1156194
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.7 8.1 12.1





#93

Benzo(a)pyrene

Concen: 21.047 ng/ul

RT: 23.921 min Scan# 3

Delta R.T. -0.000 min

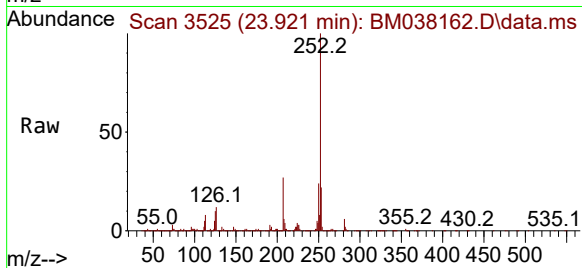
Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

Instrument :

BNA_M

ClientSampleId :



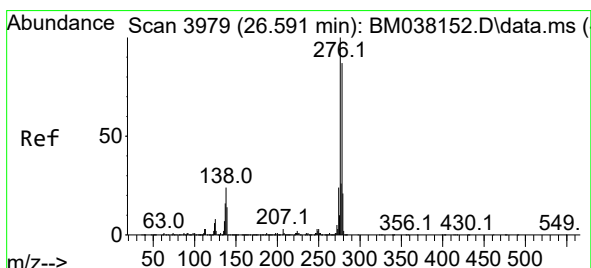
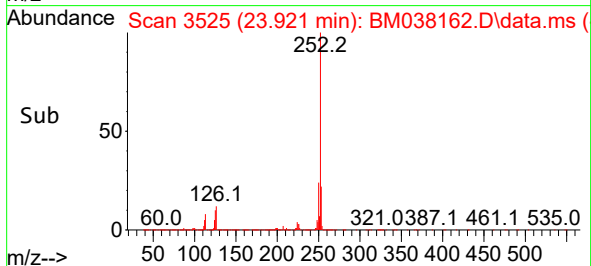
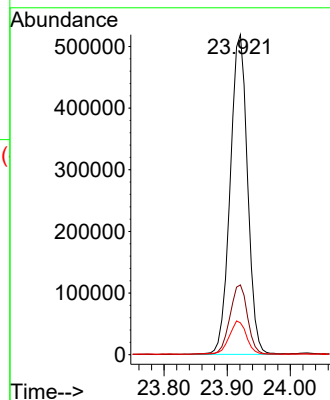
Tgt Ion:252 Resp: 991281

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.0 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.946 ng/ul

RT: 26.591 min Scan# 3979

Delta R.T. -0.000 min

Lab File: BM038162.D

Acq: 21 Dec 2022 09:08

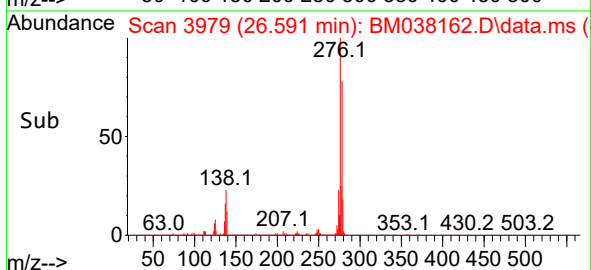
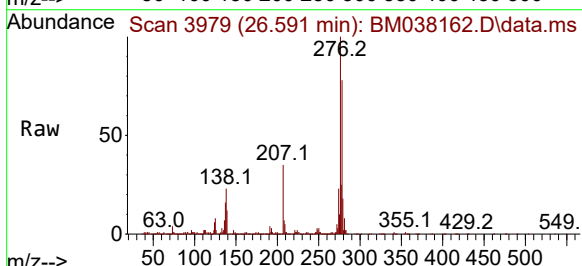
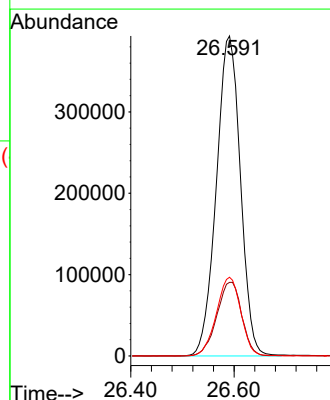
Tgt Ion:276 Resp: 1270516

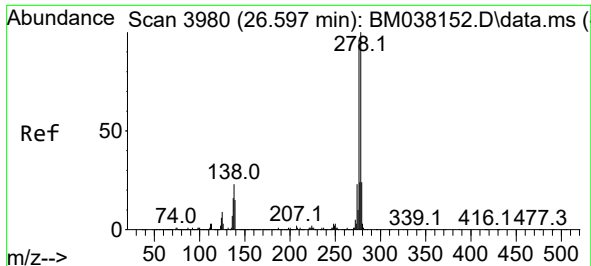
Ion Ratio Lower Upper

276 100

138 23.0 19.3 28.9

277 24.6 19.8 29.8

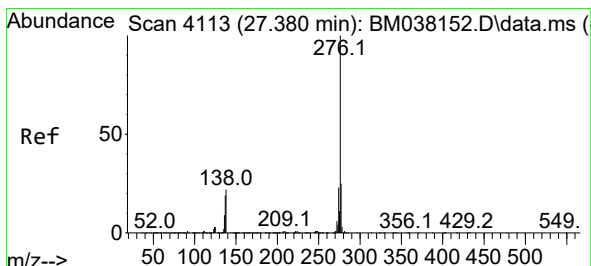
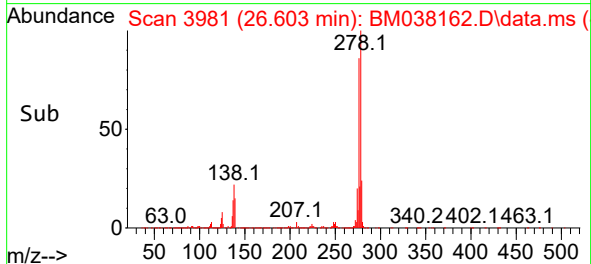
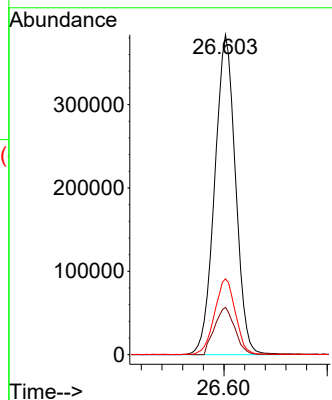
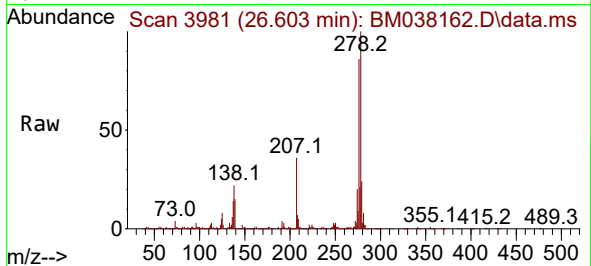




#95
 Dibenzo(a,h)anthracene
 Concen: 20.988 ng/ul
 RT: 26.603 min Scan# 3981
 Delta R.T. -0.000 min
 Lab File: BM038162.D
 Acq: 21 Dec 2022 09:08

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1073223
 Ion Ratio Lower Upper
 278 100
 139 14.8 12.4 18.6
 279 23.7 19.8 29.6



#96
 Benzo(g,h,i)perylene
 Concen: 21.008 ng/ul
 RT: 27.379 min Scan# 4113
 Delta R.T. -0.012 min
 Lab File: BM038162.D
 Acq: 21 Dec 2022 09:08

Tgt Ion:276 Resp: 1017406
 Ion Ratio Lower Upper
 276 100
 138 20.1 17.1 25.7
 277 23.3 18.2 27.4

