

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
 Data File : BM038179.D
 Acq On : 21 Dec 2022 19:27
 Operator : CG/JU
 Sample : PB149779BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 23:33:08 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	8.040	152	171135	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	722402	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	436646	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	887759	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.574	240	602260	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	586509	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	20641	5.476	ng/uL	0.00
4) Pyridine-d5	3.828	84	317857	28.429	ng/ul	0.00
7) Phenol-d5	7.204	99	437775	31.480	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	248456	29.341	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	389975	34.184	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	366610	33.772	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	196574	34.368	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	228625	38.142	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	424617	37.296	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	542186	34.500	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	1178448	37.856	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1338287	35.175	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	205806	38.792	ng/ul	0.00
60) Fluorene-d10	15.657	176	995364	35.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	142592	30.043	ng/ul	0.00
73) Anthracene-d10	17.509	188	1484454	35.828	ng/ul	0.00
81) Pyrene-d10	19.792	212	1486510	41.089	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1086908	37.102	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	41589	10.519	ng/uL	92
5) Pyridine	3.846	79	309016	27.502	ng/ul	96
6) Benzaldehyde	7.181	77	253626	48.762	ng/ul	99
8) Phenol	7.234	94	438521	31.441	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.463	93	349230	30.493	ng/ul	98
12) 2-Chlorophenol	7.604	128	398902	34.190	ng/ul	99
13) 2-Methylphenol	8.492	108	356070	33.361	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.575	45	611709	29.579	ng/ul	99
16) Acetophenone	8.875	105	581085	34.036	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.857	70	271181	33.718	ng/ul	97
18) 4-Methylphenol	8.822	108	391031	33.867	ng/ul	99
19) Hexachloroethane	9.122	117	155978	33.441	ng/ul	98
22) Nitrobenzene	9.257	77	414042	33.643	ng/ul	97
23) Isophorone	9.786	82	796802	35.332	ng/ul	98
25) 2-Nitrophenol	9.969	139	233779	37.202	ng/ul	93
26) 2,4-Dimethylphenol	10.028	107	422609	34.776	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.263	93	493133	32.895	ng/ul	97
29) 2,4-Dichlorophenol	10.504	162	421042	37.694	ng/ul	99
30) Naphthalene	10.910	128	1322227	33.917	ng/ul	100
32) 4-Chloroaniline	11.022	127	532900	34.004	ng/ul	99
33) Hexachlorobutadiene	11.181	225	281804	38.350	ng/ul	99
34) Caprolactam	11.822	113	91511	31.938	ng/ul	89
35) 4-Chloro-3-methylphenol	12.139	107	402704	39.607	ng/ul	95
36) 2-Methylnaphthalene	12.510	142	894860	35.390	ng/ul	97

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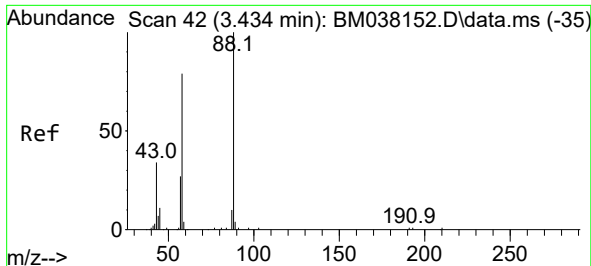
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.727	142	893128	34.544	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.875	216	508730	35.658	ng/ul	98
40) Hexachlorocyclopentadiene	12.845	237	86996	10.659	ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	339982	39.122	ng/ul	97
42) 2,4,5-Trichlorophenol	13.186	196	369649	40.785	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1206536	34.376	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	950946	35.122	ng/ul	97
45) 2-Nitroaniline	13.763	65	252934	38.770	ng/ul	94
47) Dimethylphthalate	14.127	163	1196452	38.955	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	240942	40.387	ng/ul	96
50) Acenaphthylene	14.398	152	1482600	35.439	ng/ul	99
51) 3-Nitroaniline	14.586	138	260151	43.707	ng/ul	95
52) Acenaphthene	14.733	153	1027067	35.494	ng/ul	99
53) 2,4-Dinitrophenol	14.786	184	89183	30.465	ng/ul	92
55) 4-Nitrophenol	14.892	109	164811	47.106	ng/ul	85
56) Dibenzofuran	15.068	168	1414503	35.805	ng/ul	94
57) 2,4-Dinitrotoluene	15.039	165	343564	42.524	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.292	232	312570	40.999	ng/ul	93
59) Diethylphthalate	15.480	149	1232985	40.298	ng/ul	98
61) Fluorene	15.716	166	1208829	37.520	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	609465	38.708	ng/ul	97
63) 4-Nitroaniline	15.745	138	265434	49.182	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.798	198	139692	30.401	ng/ul#	96
67) N-Nitrosodiphenylamine	15.921	169	985453	36.799	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	362512	37.251	ng/ul	97
69) Hexachlorobenzene	16.715	284	445320	38.336	ng/ul	97
70) Atrazine	16.868	200	325887	35.611	ng/ul	96
71) Pentachlorophenol	17.057	266	249111	38.571	ng/ul	99
72) Phenanthrene	17.451	178	1760535	36.314	ng/ul	100
74) Anthracene	17.545	178	1806827	36.673	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.474	216	511972	35.672	ng/uL	99
76) Pentachlorobenzene	14.986	250	499072	35.104	ng/uL	98
77) Carbazole	17.815	167	1556455	36.464	ng/ul	99
78) Di-n-butylphthalate	18.362	149	2165117	42.673	ng/ul	99
80) Fluoranthene	19.456	202	1820941	42.648	ng/ul#	94
82) Pyrene	19.821	202	1852799	41.696	ng/ul#	94
83) Butylbenzylphthalate	20.698	149	828158	50.120	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.492	252	488488	40.989	ng/ul	97
85) Benzo(a)anthracene	21.562	228	1538327	37.940	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	1208528	50.276	ng/ul	98
87) Chrysene	21.615	228	1423700	37.424	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	1818134	48.379	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1414759	38.909	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1406656	39.917	ng/ul	98
93) Benzo(a)pyrene	23.921	252	1235932	38.653	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.591	276	1585045	38.490	ng/ul	99
95) Dibenzo(a,h)anthracene	26.609	278	1372953	39.548	ng/ul	98
96) Benzo(g,h,i)perylene	27.385	276	1301202	39.576	ng/ul	97

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

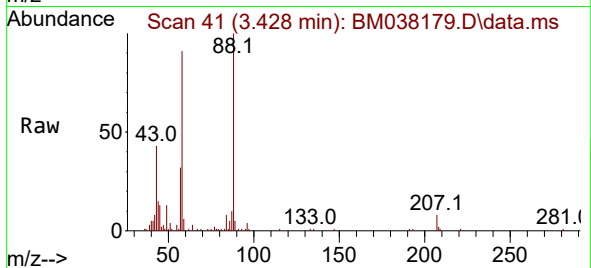
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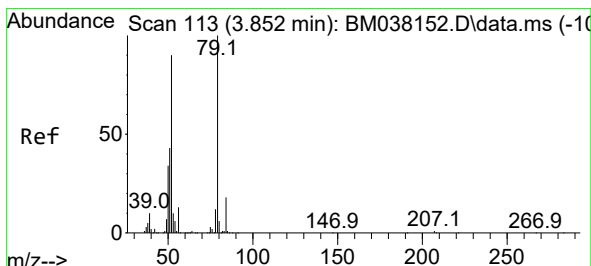
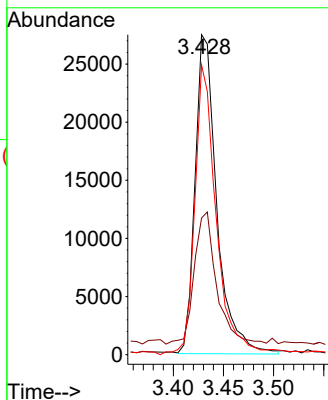
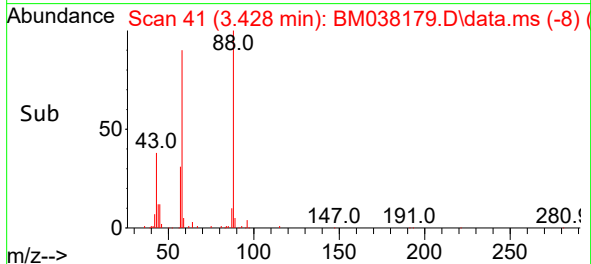


#2
1,4-Dioxane
Concen: 10.519 ng/uL
RT: 3.428 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

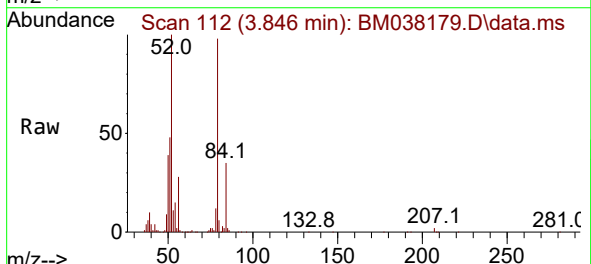
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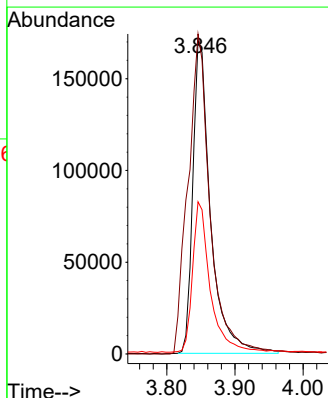
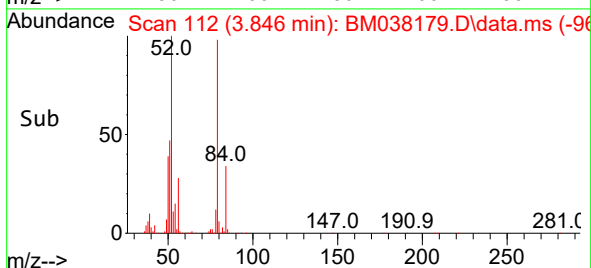
Tgt Ion: 88 Resp: 41589
Ion Ratio Lower Upper
88 100
43 42.7 32.8 49.2
58 90.6 64.6 97.0

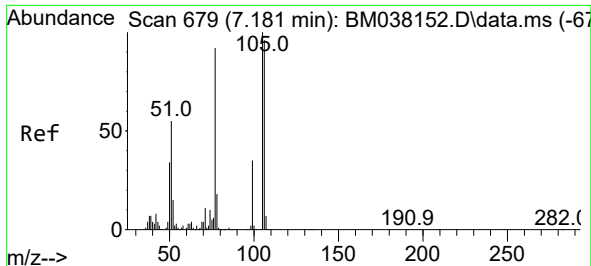


#5
Pyridine
Concen: 27.502 ng/uL
RT: 3.846 min Scan# 112
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27



Tgt Ion: 79 Resp: 309016
Ion Ratio Lower Upper
79 100
52 102.1 78.1 117.1
51 48.6 37.2 55.8

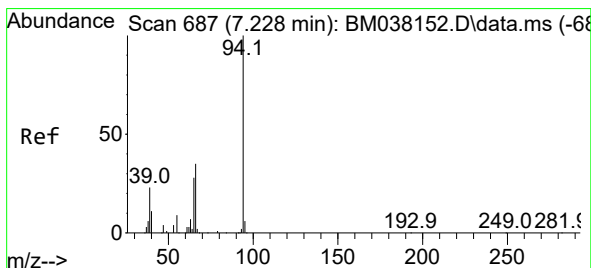
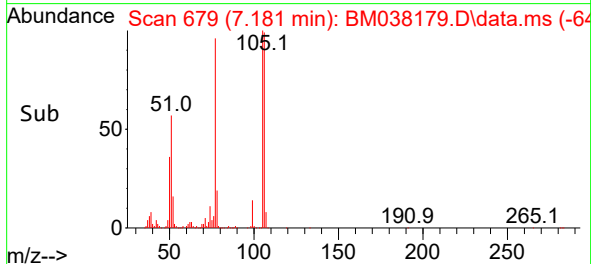
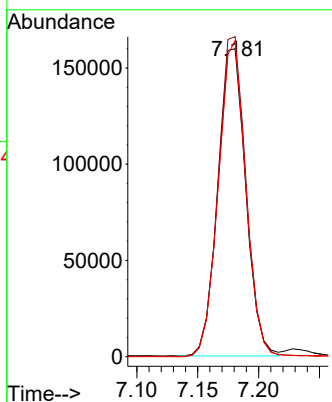
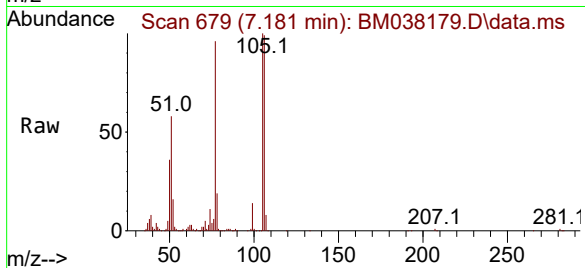




#6
Benzaldehyde
Concen: 48.762 ng/ul
RT: 7.181 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

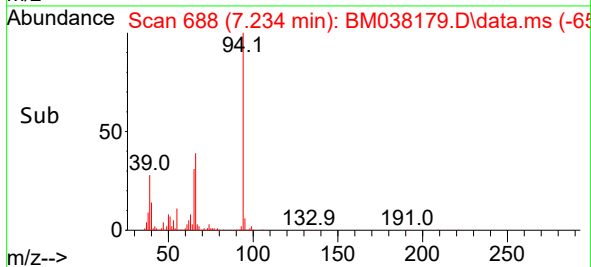
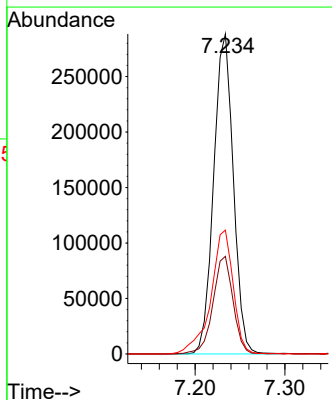
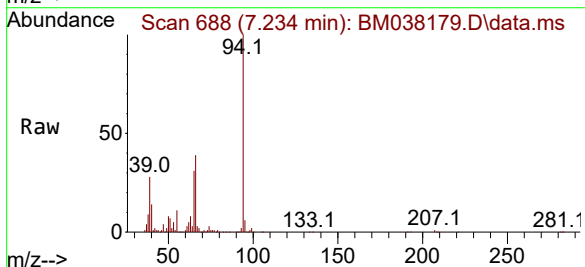
Instrument :
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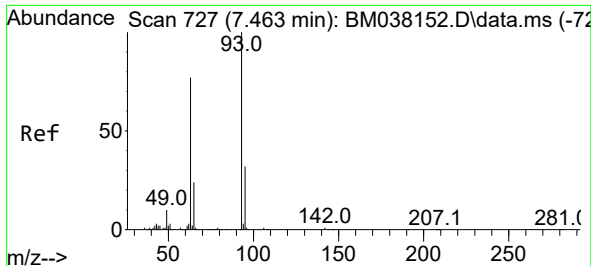
Tgt Ion: 77 Resp: 253626
Ion Ratio Lower Upper
77 100
105 103.9 82.5 123.7
106 102.6 81.8 122.6



#8
Phenol
Concen: 31.441 ng/ul
RT: 7.234 min Scan# 688
Delta R.T. 0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion: 94 Resp: 438521
Ion Ratio Lower Upper
94 100
65 30.5 22.2 33.4
66 38.7 27.3 40.9

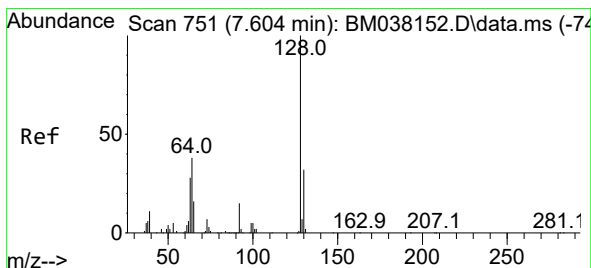
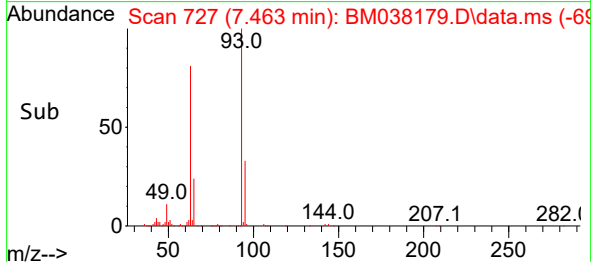
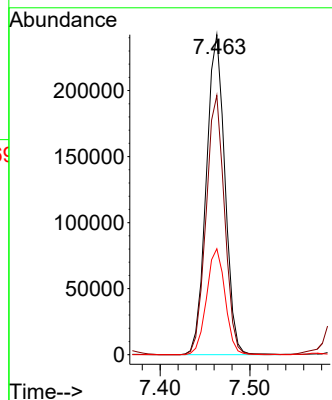
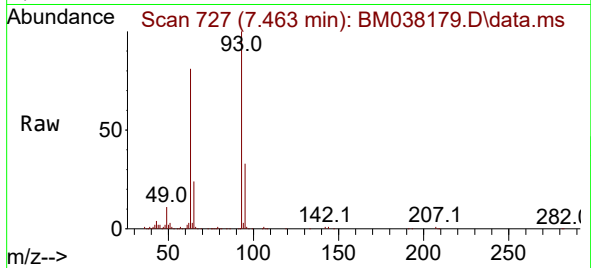




#10
Bis(2-Chloroethyl)ether
Concen: 30.493 ng/ul
RT: 7.463 min Scan# 727
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

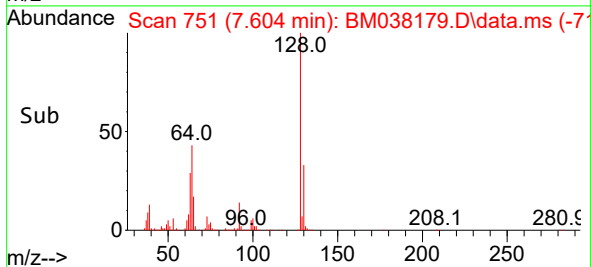
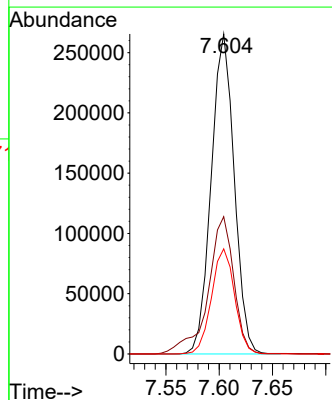
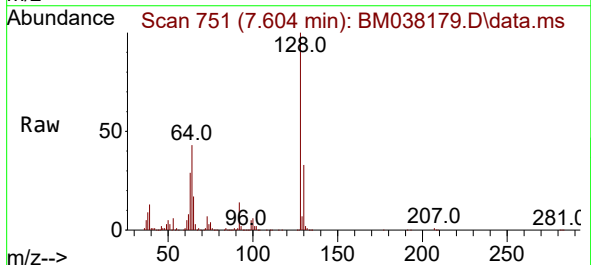
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ClientSampleId :

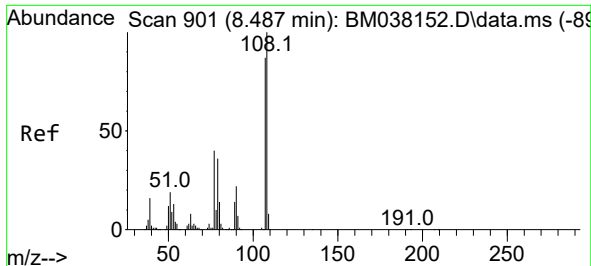
Tgt Ion: 93 Resp: 349230
Ion Ratio Lower Upper
93 100
63 81.0 66.3 99.5
95 33.1 25.7 38.5



#12
2-Chlorophenol
Concen: 34.190 ng/ul
RT: 7.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:128 Resp: 398902
Ion Ratio Lower Upper
128 100
64 42.9 35.2 52.8
130 32.9 25.9 38.9

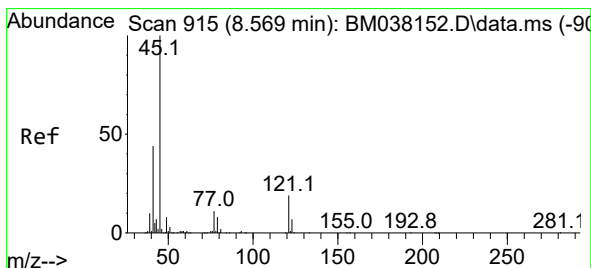
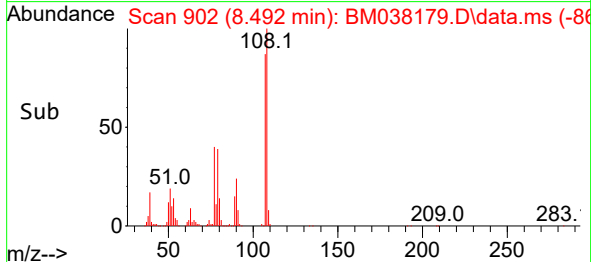
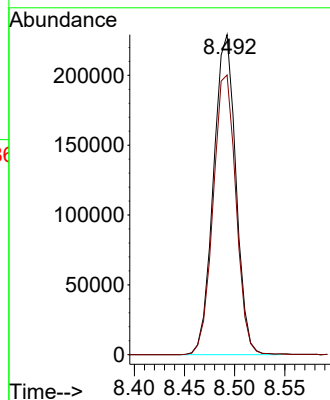
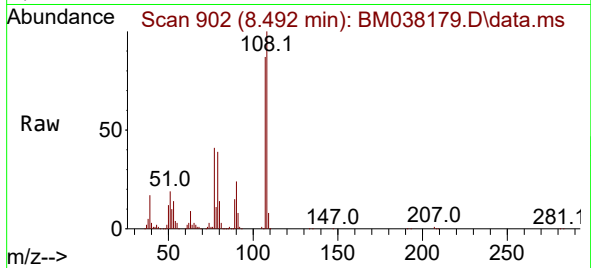




#13
2-Methylphenol
Concen: 33.361 ng/ul
RT: 8.492 min Scan# 901
Delta R.T. 0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

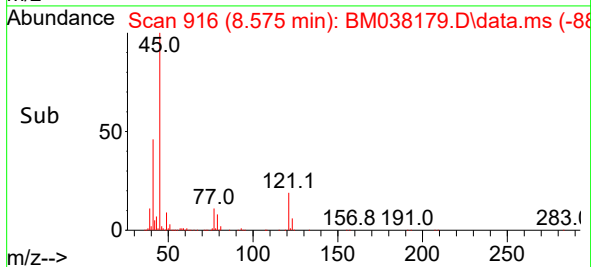
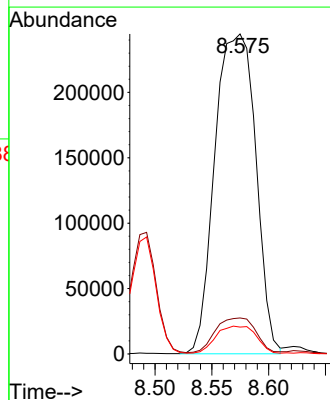
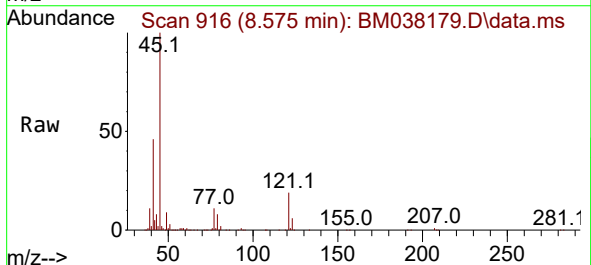
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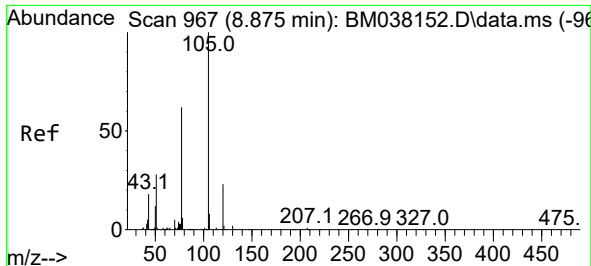
Tgt Ion:108 Resp: 356070
Ion Ratio Lower Upper
108 100
107 87.4 71.9 107.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.579 ng/ul
RT: 8.575 min Scan# 916
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion: 45 Resp: 611709
Ion Ratio Lower Upper
45 100
77 11.2 9.0 13.4
79 8.4 6.2 9.4

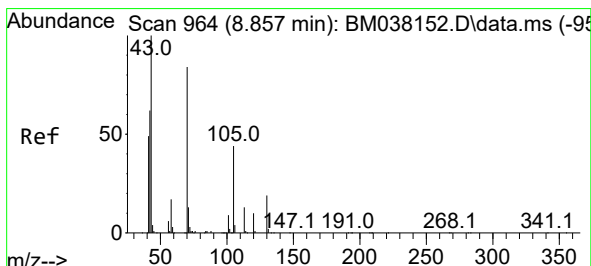
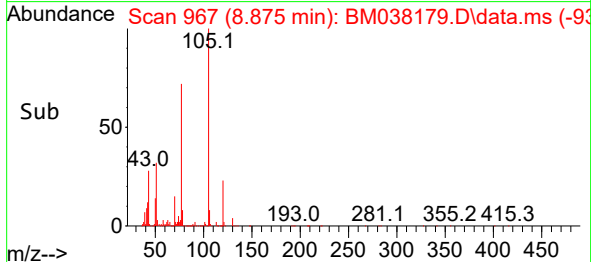
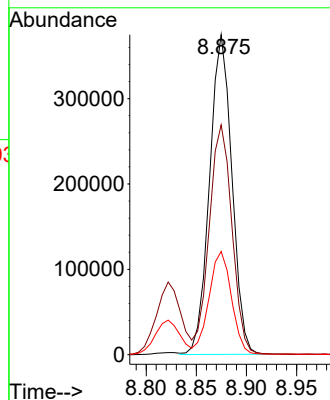
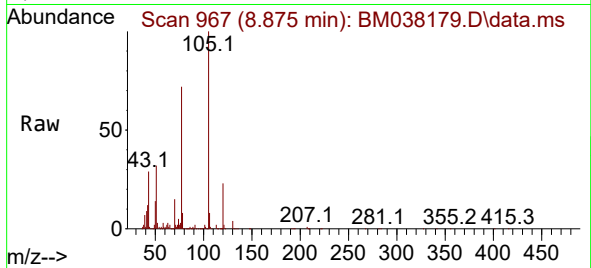




#16
Acetophenone
Concen: 34.036 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.000 min
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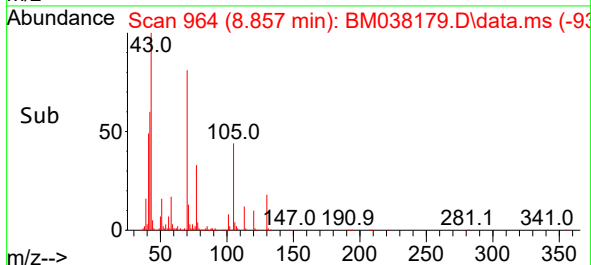
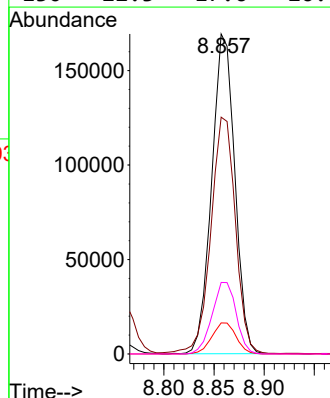
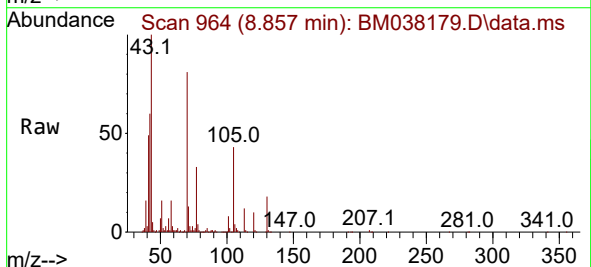
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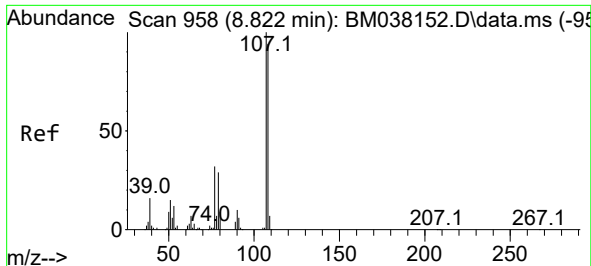
Tgt Ion:105 Resp: 581085
Ion Ratio Lower Upper
105 100
77 71.8 59.7 89.5
51 32.2 27.2 40.8



#17
N-Nitroso-di-n-propylamine
Concen: 33.718 ng/ul
RT: 8.857 min Scan# 964
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion: 70 Resp: 271181
Ion Ratio Lower Upper
70 100
42 74.0 62.3 93.5
101 9.7 8.0 12.0
130 22.3 17.6 26.4

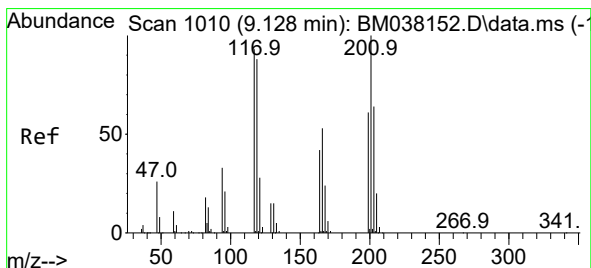
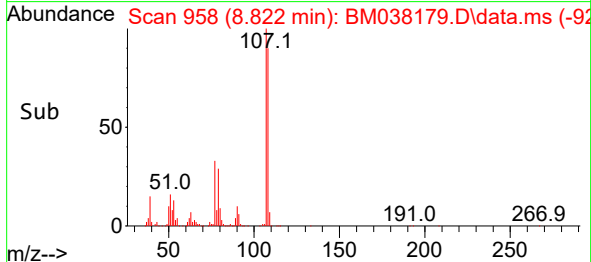
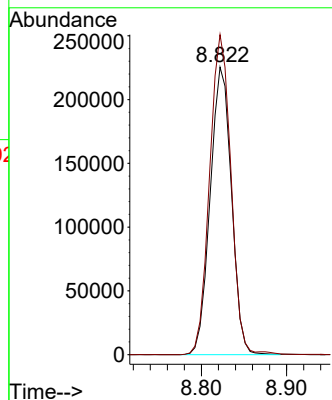
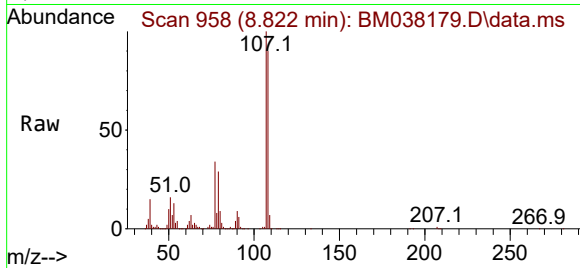




#18
4-Methylphenol
Concen: 33.867 ng/ul
RT: 8.822 min Scan# 910
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

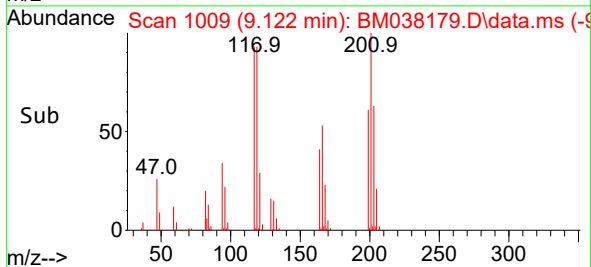
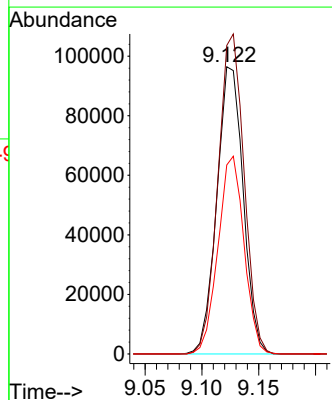
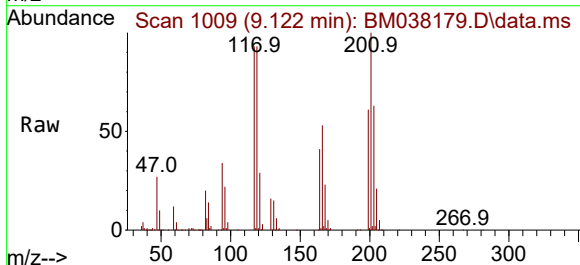
Instrument :
BNA_M
ClientSampleId :

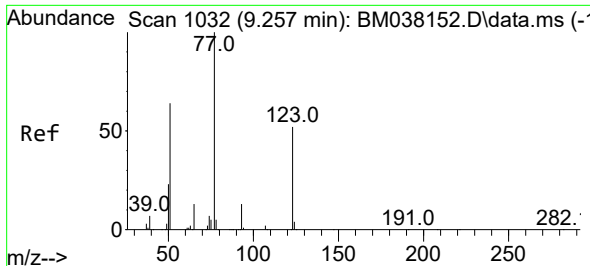
Tgt Ion:108 Resp: 391031
Ion Ratio Lower Upper
108 100
107 111.3 88.1 132.1



#19
Hexachloroethane
Concen: 33.441 ng/ul
RT: 9.122 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:117 Resp: 155978
Ion Ratio Lower Upper
117 100
201 107.4 87.3 130.9
199 65.8 50.9 76.3





#22

Nitrobenzene

Concen: 33.643 ng/ul

RT: 9.257 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Instrument :

BNA_M

ClientSampleId :

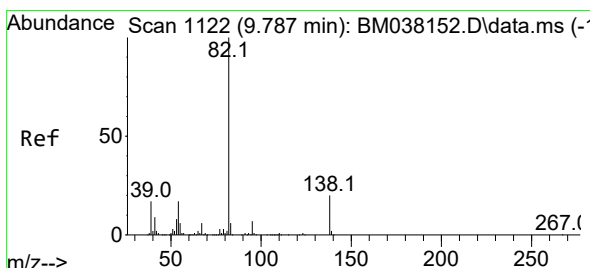
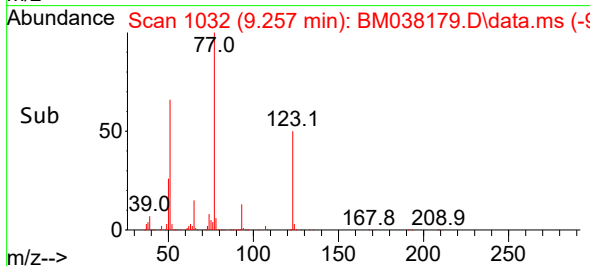
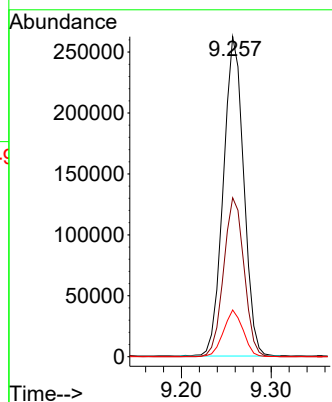
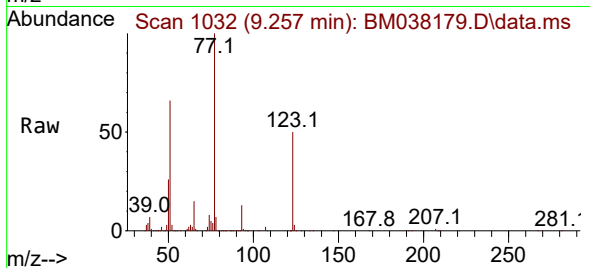
Tgt Ion: 77 Resp: 414042

Ion Ratio Lower Upper

77 100

123 49.7 37.8 56.6

65 14.6 11.1 16.7



#23

Isophorone

Concen: 35.332 ng/ul

RT: 9.786 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

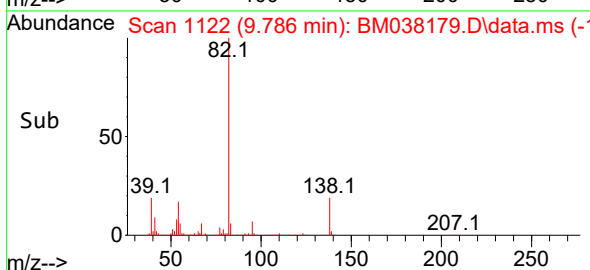
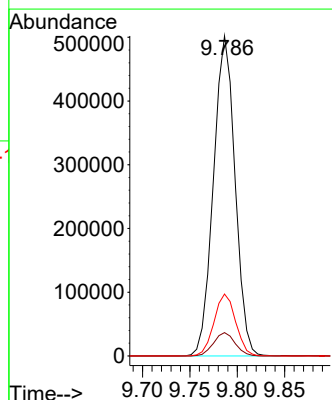
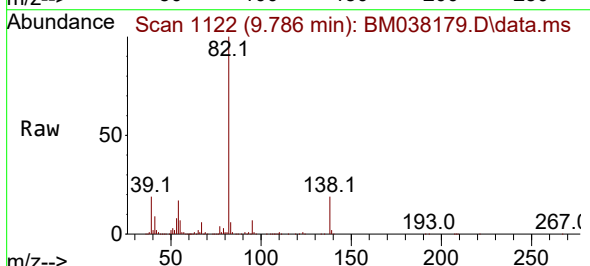
Tgt Ion: 82 Resp: 796802

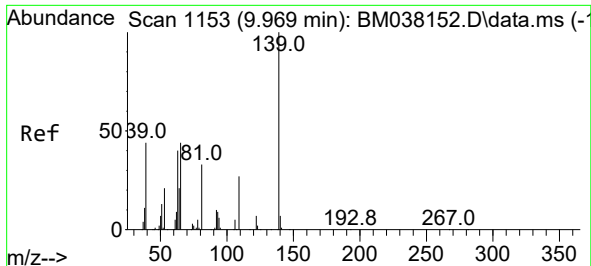
Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 19.4 14.9 22.3

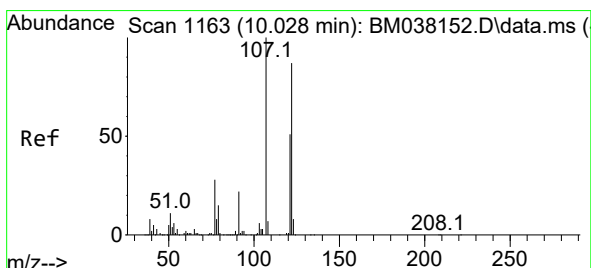
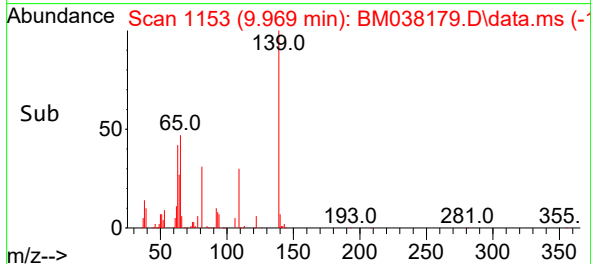
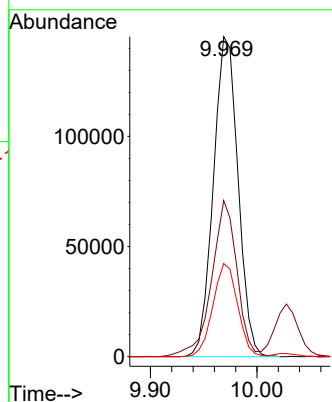
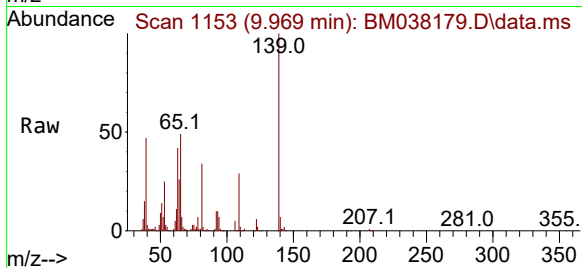




#25
2-Nitrophenol
Concen: 37.202 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

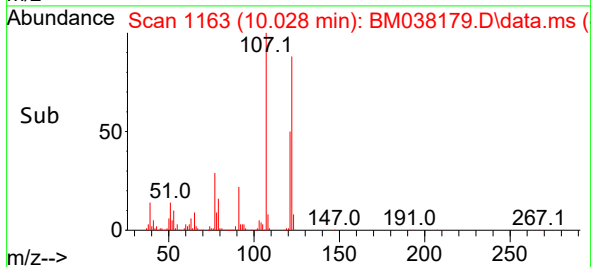
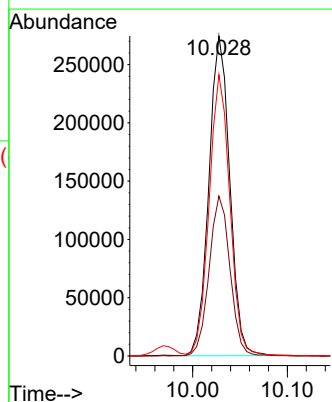
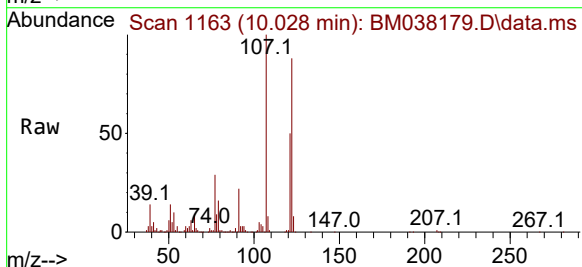
Instrument :
BNA_M
ClientSampleId :

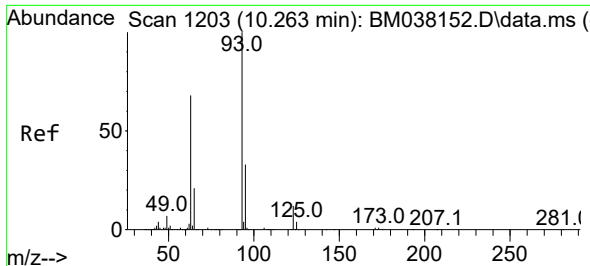
Tgt Ion:139 Resp: 233779
Ion Ratio Lower Upper
139 100
65 48.8 36.2 54.4
109 29.1 19.7 29.5



#26
2,4-Dimethylphenol
Concen: 34.776 ng/ul
RT: 10.028 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:107 Resp: 422609
Ion Ratio Lower Upper
107 100
121 50.0 42.0 63.0
122 87.9 71.4 107.2

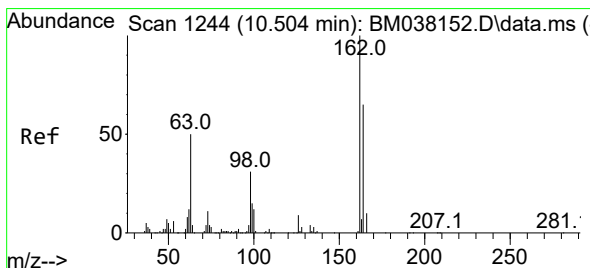
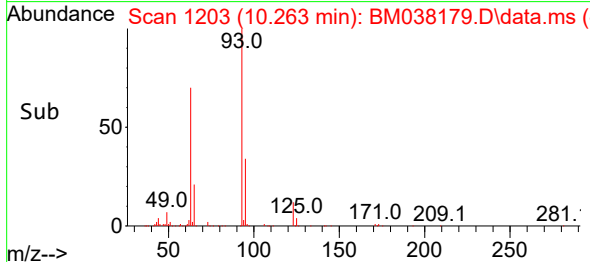
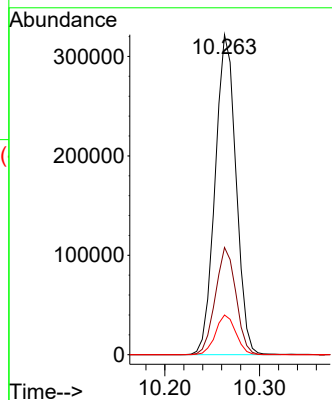
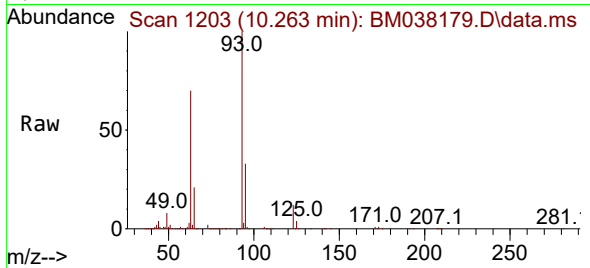




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.895 ng/ul
 RT: 10.263 min Scan# 1203
 Delta R.T. -0.000 min
 Lab File: BM038179.D
 Acq: 21 Dec 2022 19:27

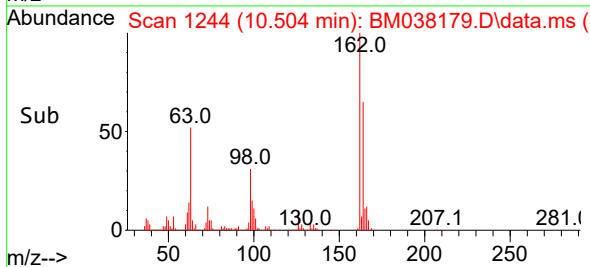
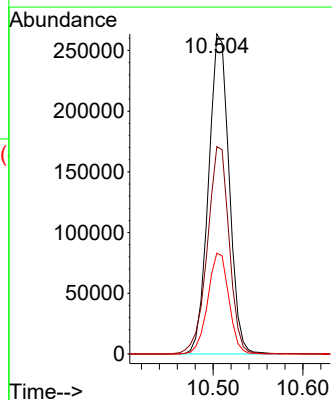
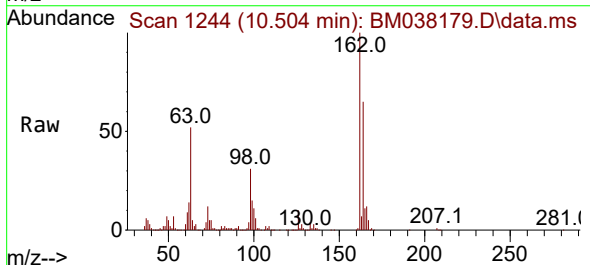
Instrument :
 BNA_M
 ClientSampleId :

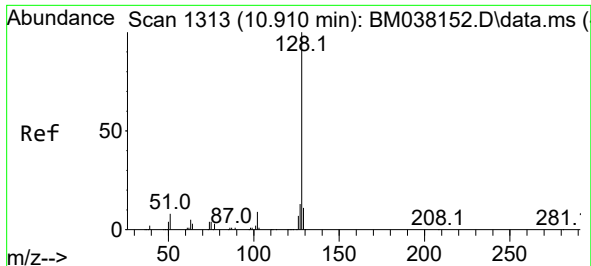
Tgt Ion: 93 Resp: 493133
 Ion Ratio Lower Upper
 93 100
 95 33.5 25.5 38.3
 123 12.4 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 37.694 ng/ul
 RT: 10.504 min Scan# 1244
 Delta R.T. -0.000 min
 Lab File: BM038179.D
 Acq: 21 Dec 2022 19:27

Tgt Ion: 162 Resp: 421042
 Ion Ratio Lower Upper
 162 100
 164 64.8 51.4 77.2
 98 31.5 26.1 39.1

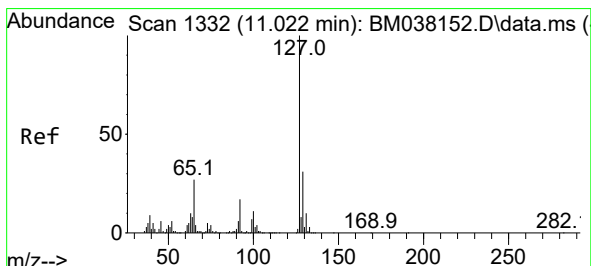
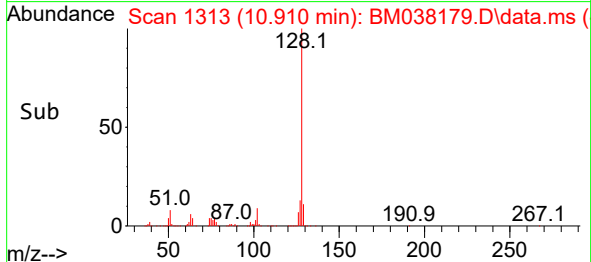
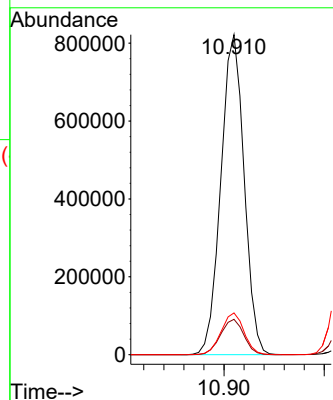
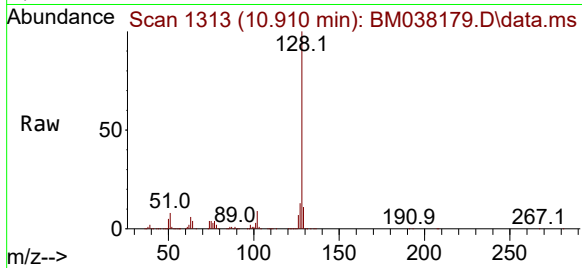




#30
Naphthalene
Concen: 33.917 ng/ul
RT: 10.910 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

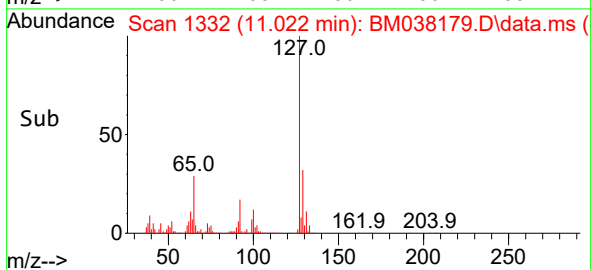
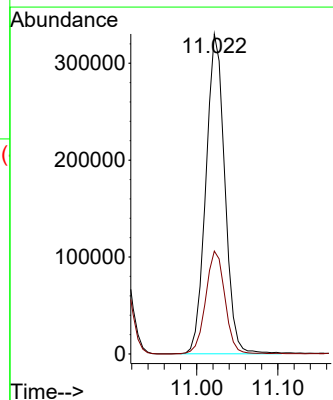
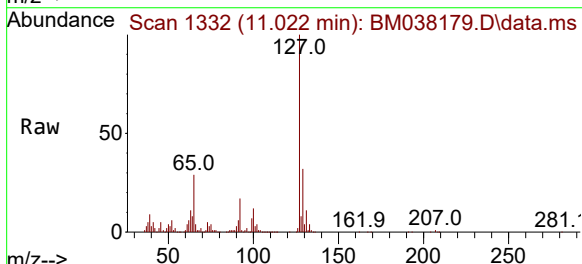
Instrument :
BNA_M
ClientSampleId :

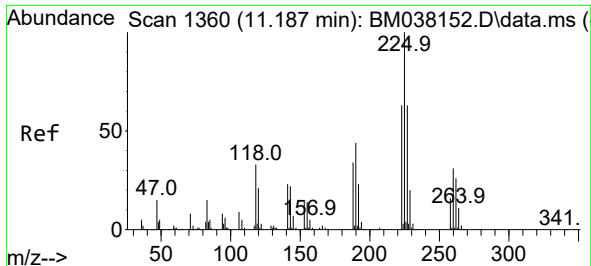
Tgt Ion:128 Resp: 1322227
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 34.004 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:127 Resp: 532900
Ion Ratio Lower Upper
127 100
129 32.2 25.3 37.9

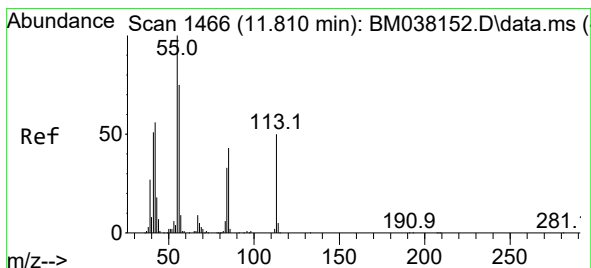
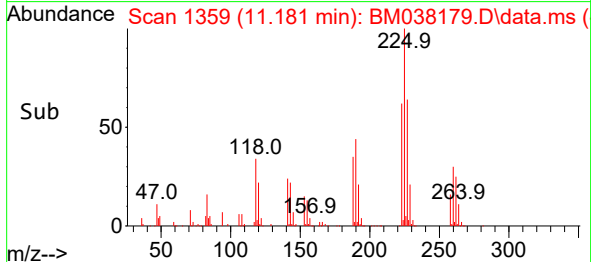
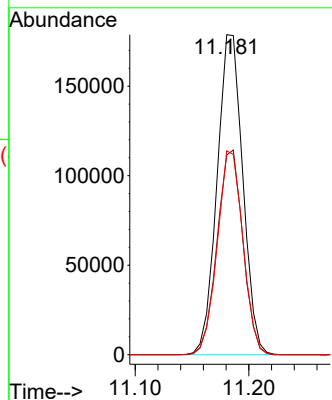
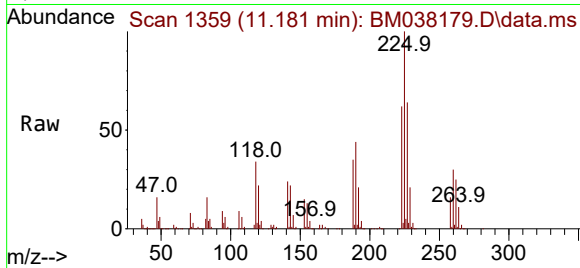




#33
Hexachlorobutadiene
Concen: 38.350 ng/ul
RT: 11.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

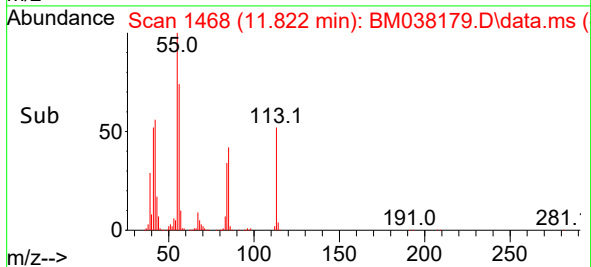
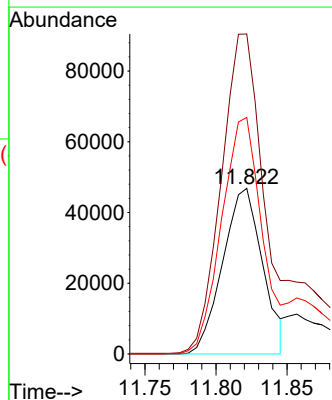
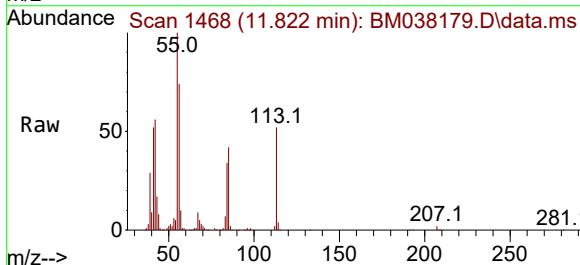
Instrument :
BNA_M
ClientSampleId :

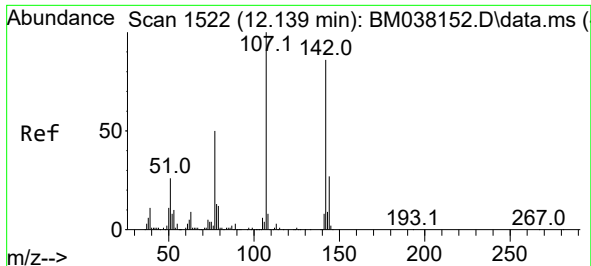
Tgt Ion:225 Resp: 281804
Ion Ratio Lower Upper
225 100
223 62.4 50.8 76.2
227 63.7 50.5 75.7



#34
Caprolactam
Concen: 31.938 ng/ul
RT: 11.822 min Scan# 1468
Delta R.T. 0.012 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:113 Resp: 91511
Ion Ratio Lower Upper
113 100
55 193.3 172.2 258.2
56 142.8 120.7 181.1

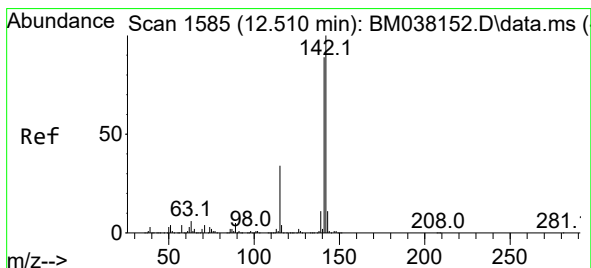
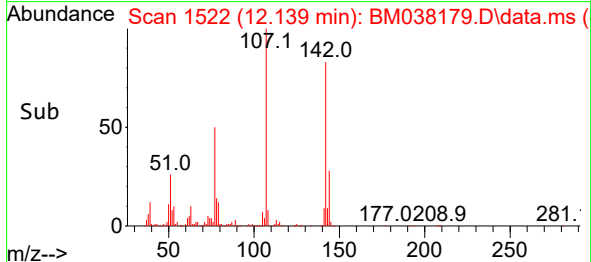
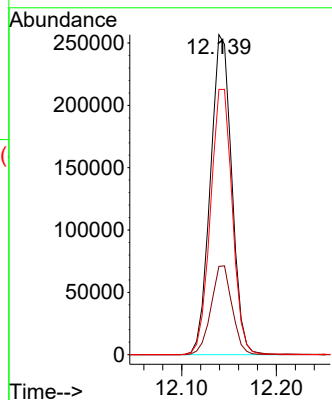
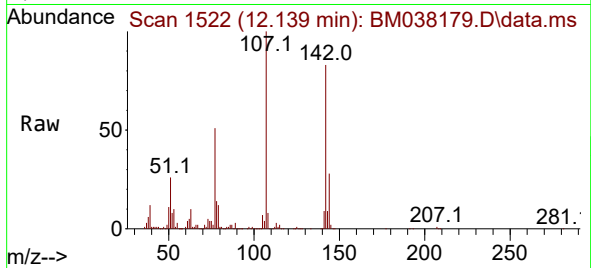




#35
4-Chloro-3-methylphenol
Concen: 39.607 ng/ul
RT: 12.139 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

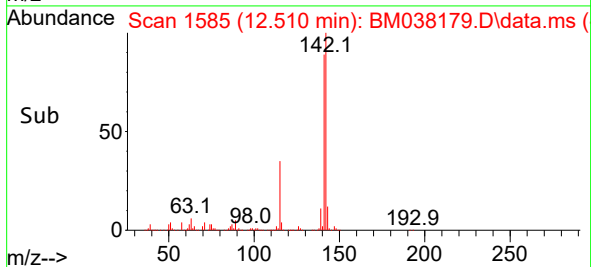
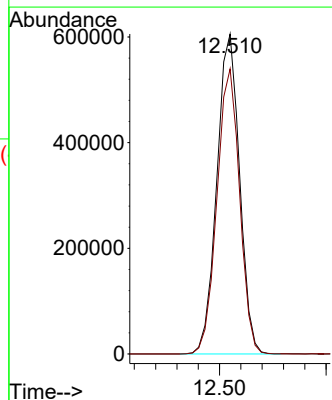
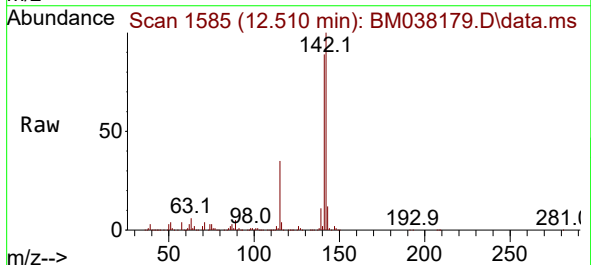
Instrument :
BNA_M
ClientSampleId :

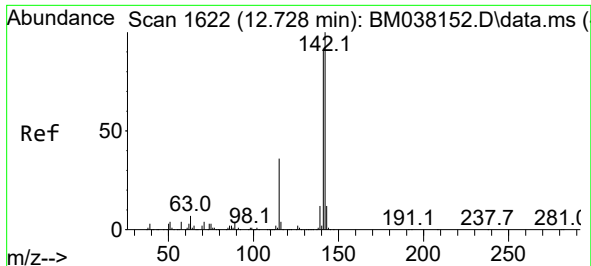
Tgt Ion:107 Resp: 402704
Ion Ratio Lower Upper
107 100
144 27.6 23.4 35.0
142 82.9 71.0 106.4



#36
2-Methylnaphthalene
Concen: 35.390 ng/ul
RT: 12.510 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:142 Resp: 894860
Ion Ratio Lower Upper
142 100
141 89.1 69.4 104.0





#37

1-Methylnaphthalene

Concen: 34.544 ng/ul

RT: 12.727 min Scan# 1

Delta R.T. -0.000 min

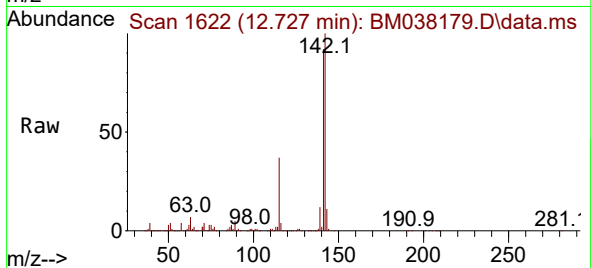
Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Instrument :

BNA_M

ClientSampleId :



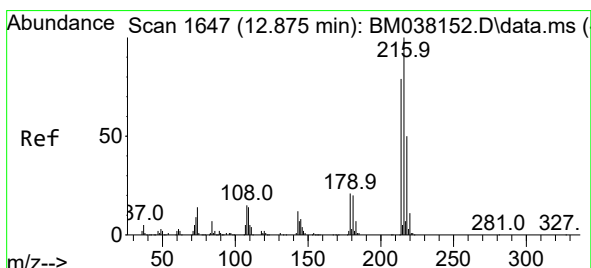
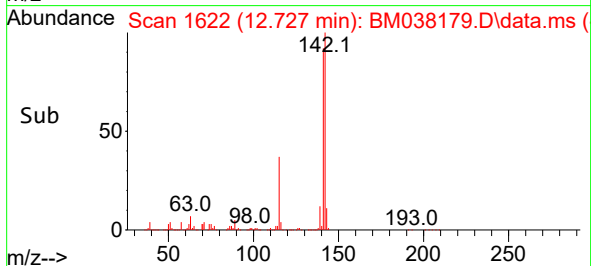
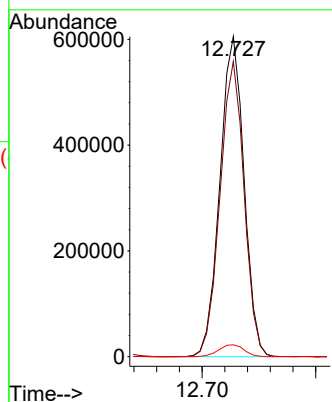
Tgt Ion:142 Resp: 893128

Ion Ratio Lower Upper

142 100

141 92.2 72.4 108.6

116 3.7 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.658 ng/ul

RT: 12.875 min Scan# 1647

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Tgt Ion:216 Resp: 508730

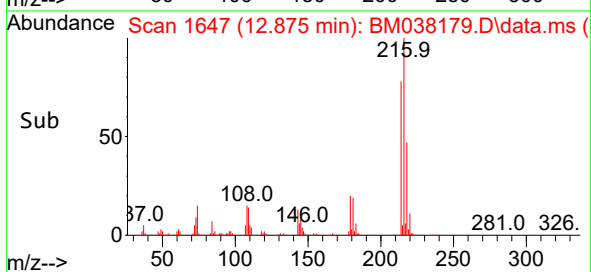
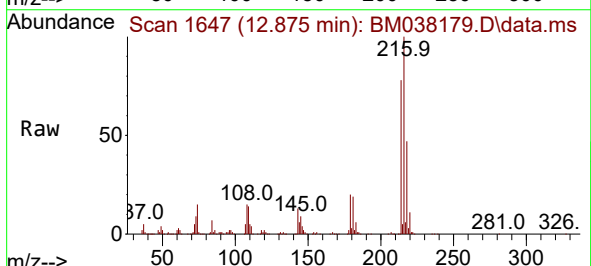
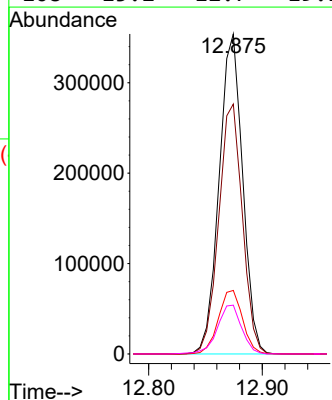
Ion Ratio Lower Upper

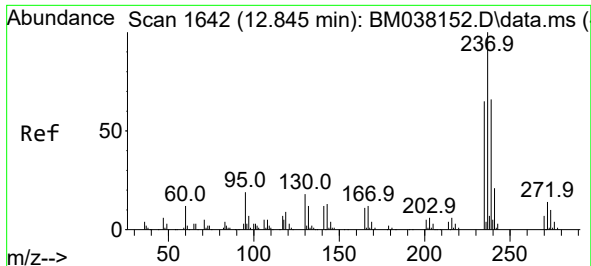
216 100

214 78.1 64.2 96.4

179 19.9 15.4 23.2

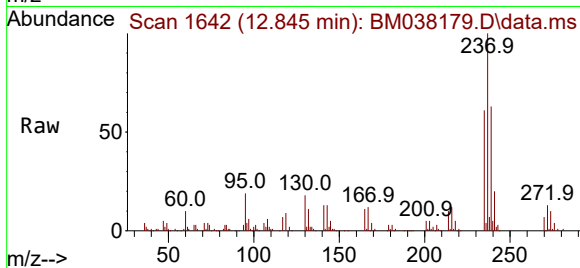
108 15.2 12.7 19.1



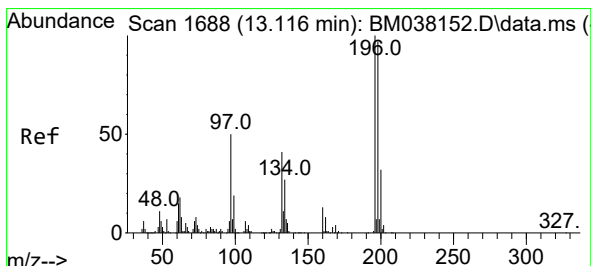
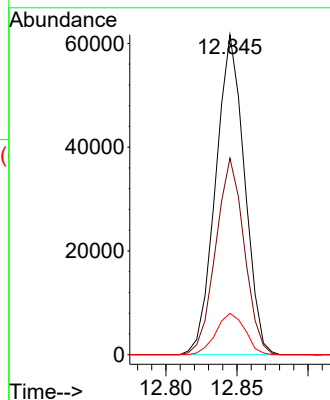
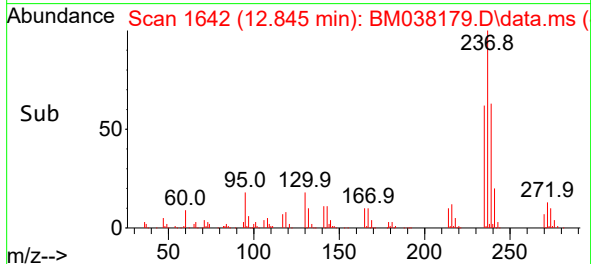


#40
Hexachlorocyclopentadiene
Concen: 10.659 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

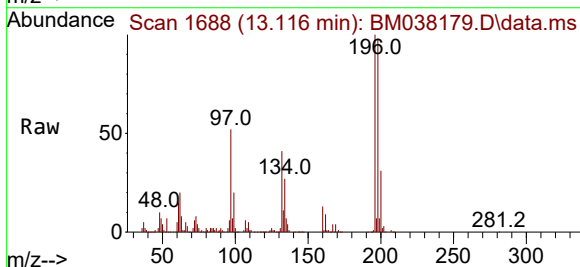
Instrument :
BNA_M
ClientSampleId :



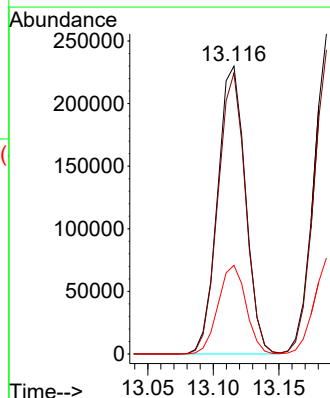
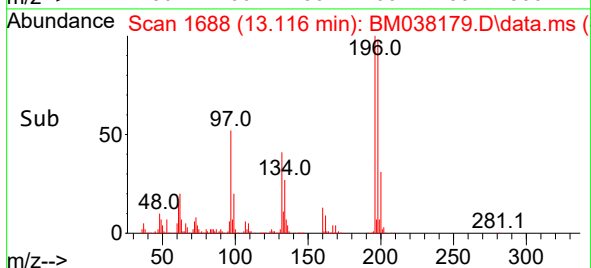
Tgt Ion:237 Resp: 86996
Ion Ratio Lower Upper
237 100
235 61.4 50.4 75.6
272 12.9 10.6 16.0

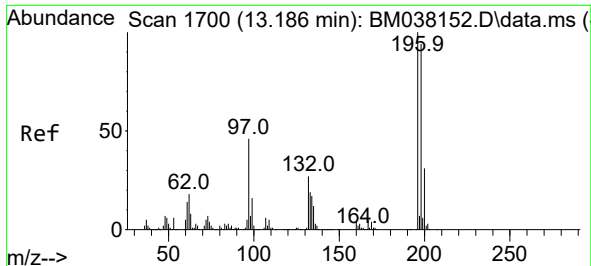


#41
2,4,6-Trichlorophenol
Concen: 39.122 ng/ul
RT: 13.116 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27



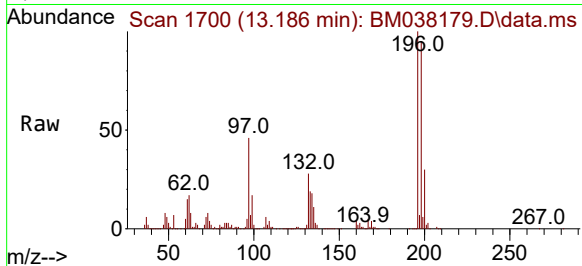
Tgt Ion:196 Resp: 339982
Ion Ratio Lower Upper
196 100
198 97.6 75.0 112.6
200 30.8 24.5 36.7



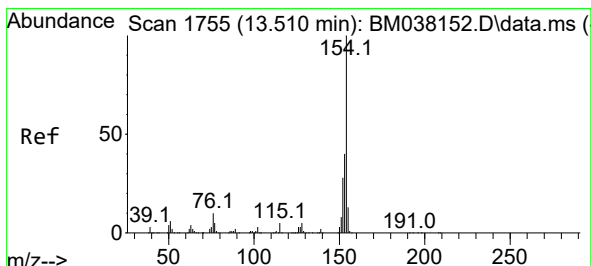
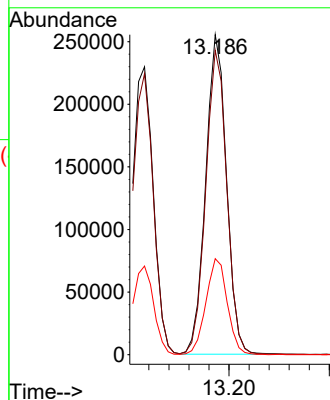
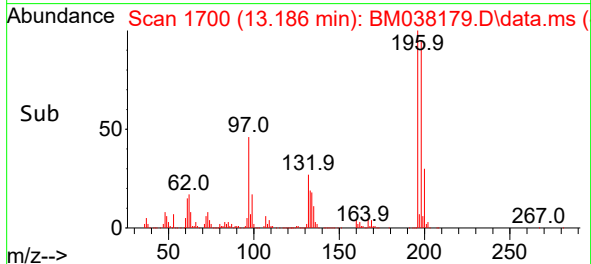


#42
2,4,5-Trichlorophenol
Concen: 40.785 ng/ul
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Instrument :
BNA_M
ClientSampleId :

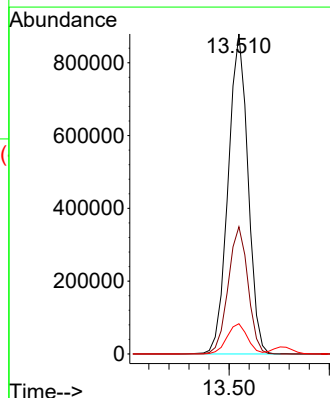
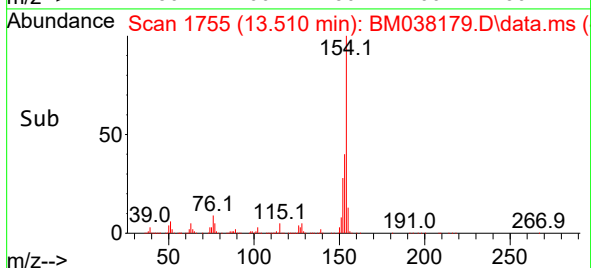
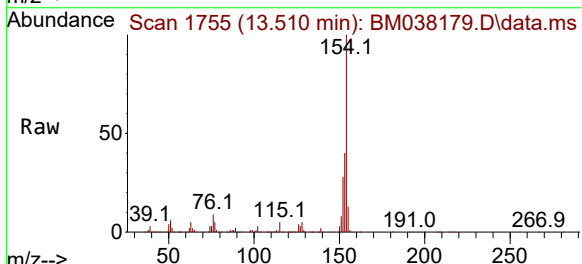


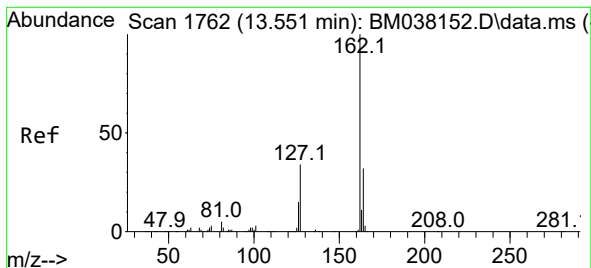
Tgt Ion:196 Resp: 369649
Ion Ratio Lower Upper
196 100
198 95.0 76.5 114.7
200 30.0 24.9 37.3



#43
1,1'-Biphenyl
Concen: 34.376 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:154 Resp: 1206536
Ion Ratio Lower Upper
154 100
153 39.8 31.2 46.8
76 9.5 9.3 13.9





#44

2-Chloronaphthalene

Concen: 35.122 ng/ul

RT: 13.557 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Instrument :

BNA_M

ClientSampleId :

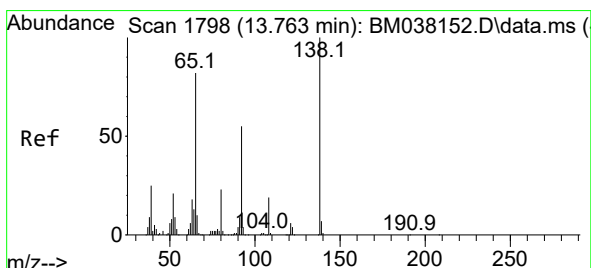
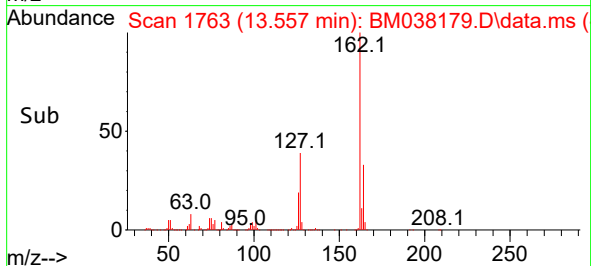
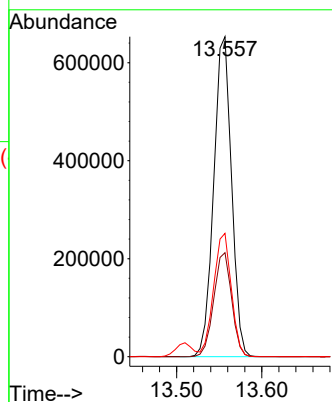
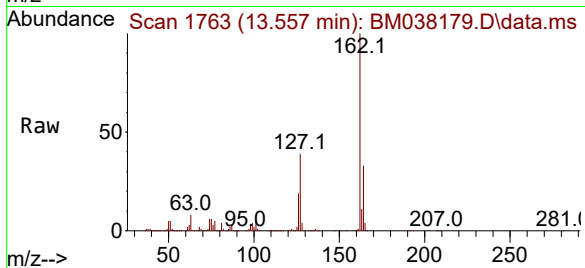
Tgt Ion:162 Resp: 950946

Ion Ratio Lower Upper

162 100

164 32.5 27.3 40.9

127 38.5 29.4 44.0



#45

2-Nitroaniline

Concen: 38.770 ng/ul

RT: 13.763 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

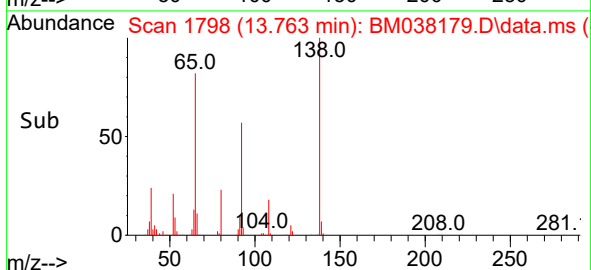
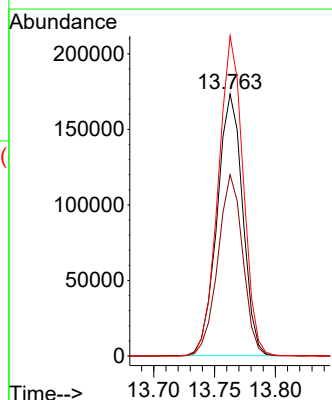
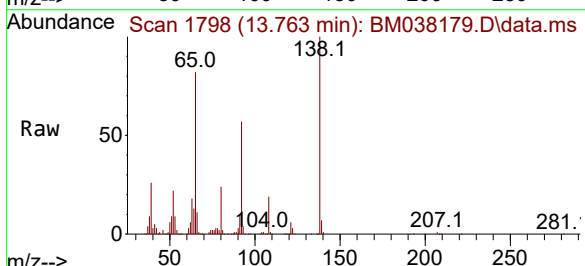
Tgt Ion: 65 Resp: 252934

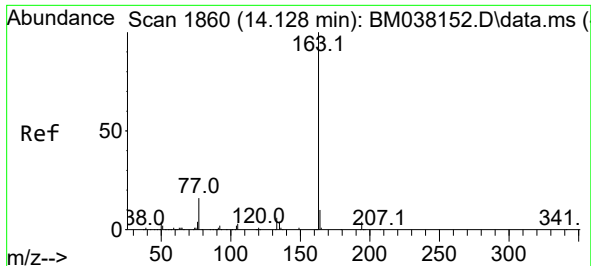
Ion Ratio Lower Upper

65 100

92 69.2 53.5 80.3

138 122.2 91.3 136.9

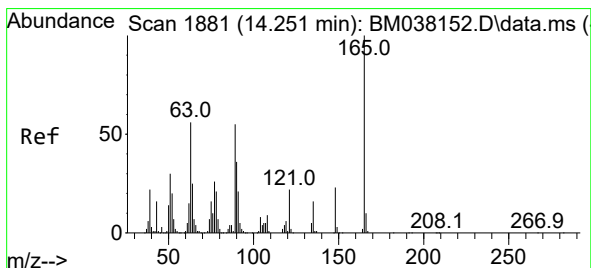
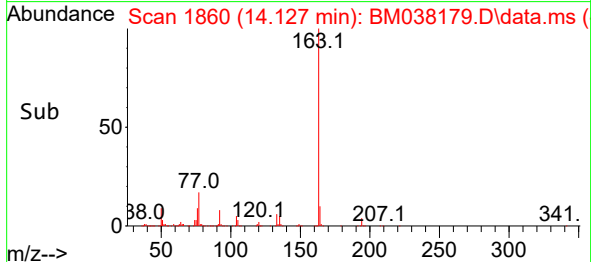
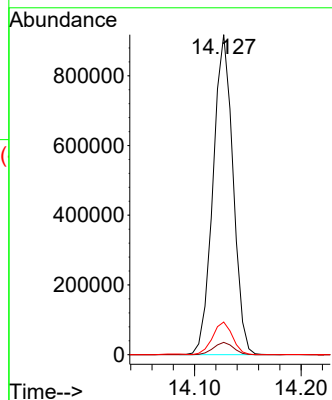
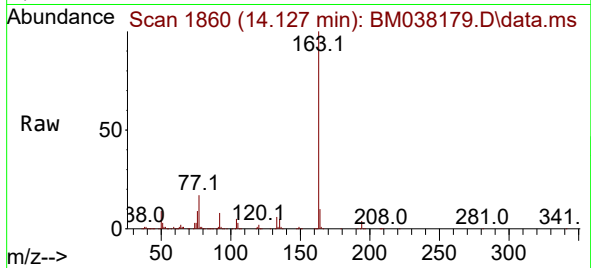




#47
Dimethylphthalate
Concen: 38.955 ng/ul
RT: 14.127 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

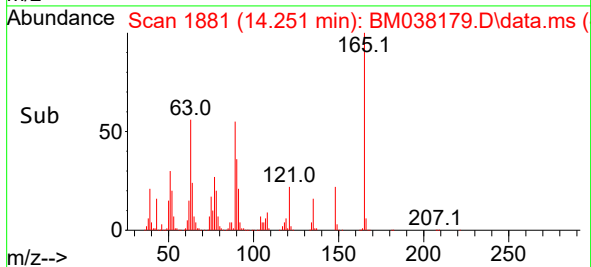
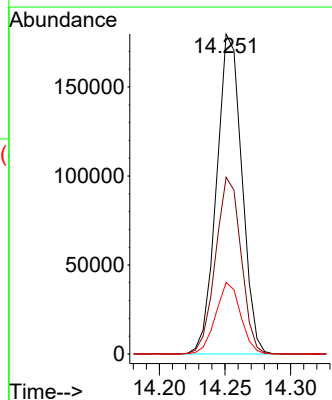
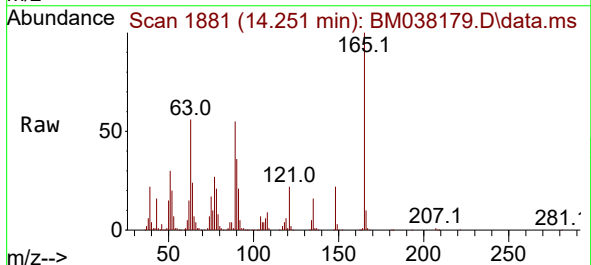
Instrument :
BNA_M
ClientSampleId :

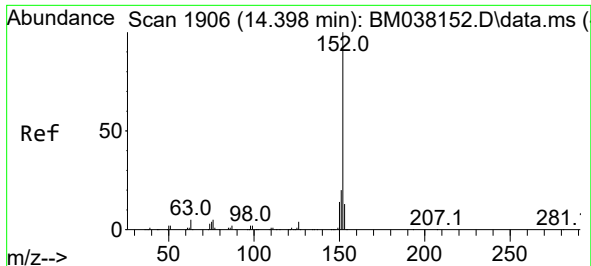
Tgt Ion:163 Resp: 1196452
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 40.387 ng/ul
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:165 Resp: 240942
Ion Ratio Lower Upper
165 100
89 55.2 41.1 61.7
121 22.4 17.4 26.2

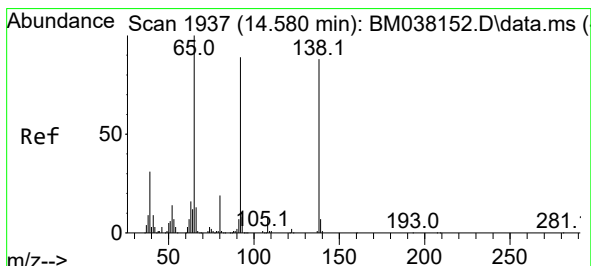
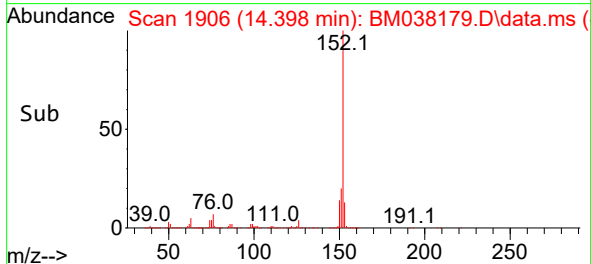
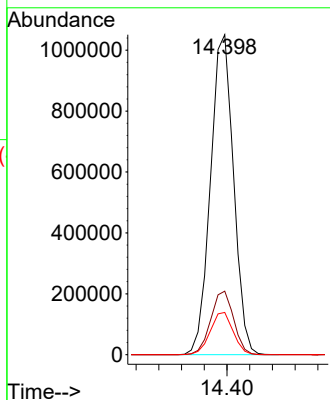
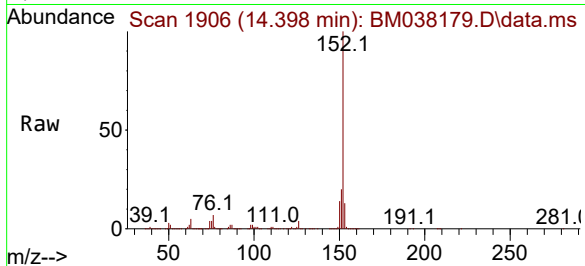




#50
Acenaphthylene
Concen: 35.439 ng/ul
RT: 14.398 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

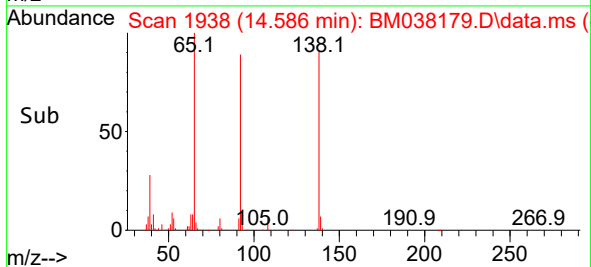
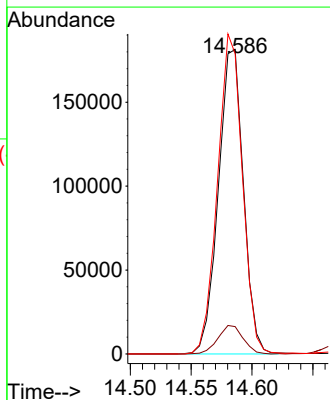
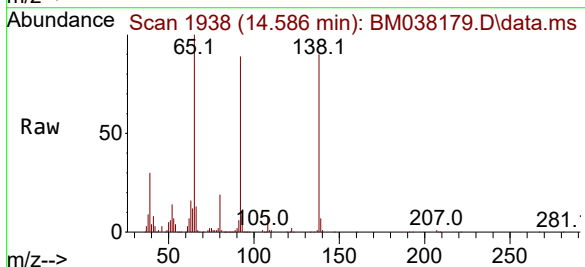
Instrument :
BNA_M
ClientSampleId :

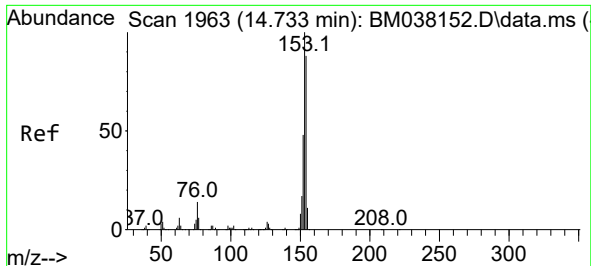
Tgt Ion:152 Resp: 1482600
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9
153 13.2 10.2 15.4



#51
3-Nitroaniline
Concen: 43.707 ng/ul
RT: 14.586 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:138 Resp: 260151
Ion Ratio Lower Upper
138 100
108 9.0 7.9 11.9
92 98.6 83.4 125.0

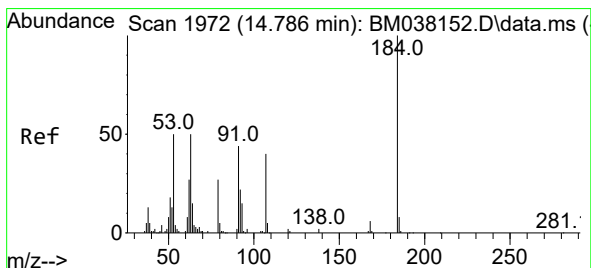
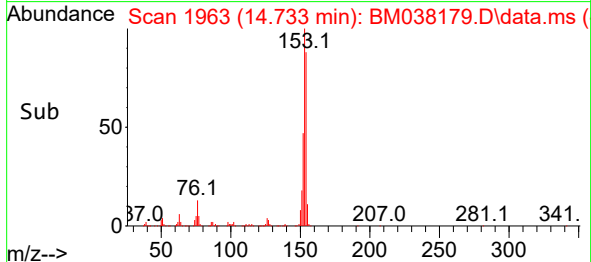
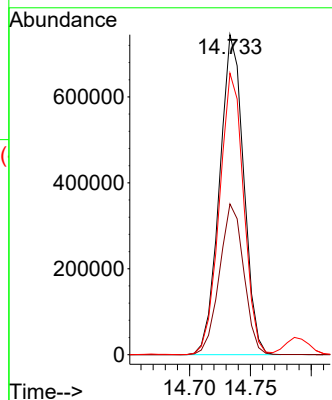
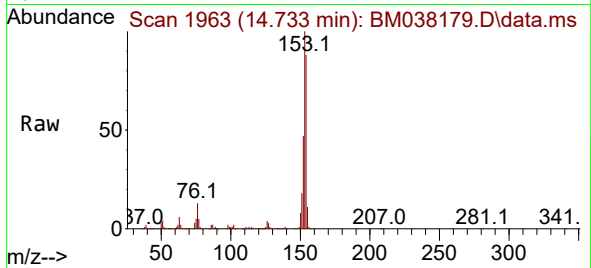




#52
Acenaphthene
Concen: 35.494 ng/ul
RT: 14.733 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

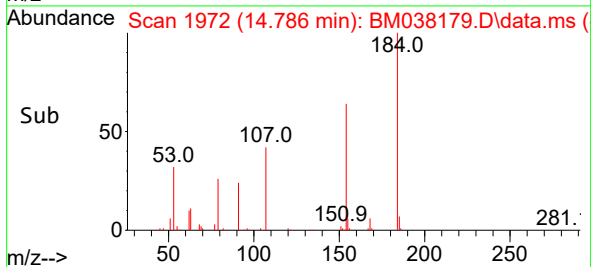
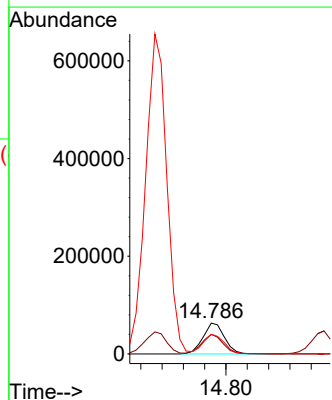
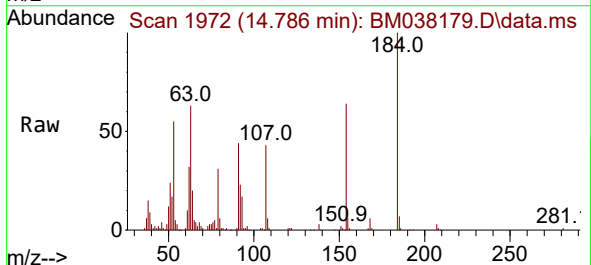
Instrument :
BNA_M
ClientSampleId :

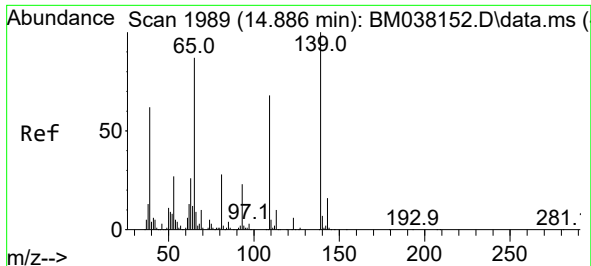
Tgt Ion:153 Resp: 1027067
Ion Ratio Lower Upper
153 100
152 47.1 38.2 57.4
154 88.0 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 30.465 ng/ul
RT: 14.786 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:184 Resp: 89183
Ion Ratio Lower Upper
184 100
63 63.1 46.2 69.4
154 63.7 45.5 68.3

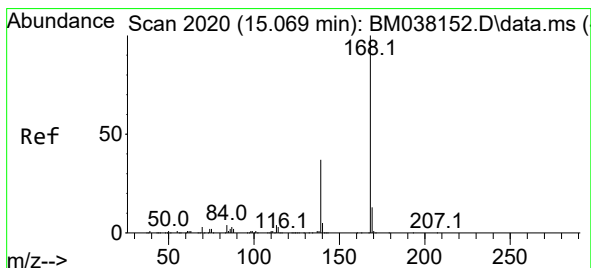
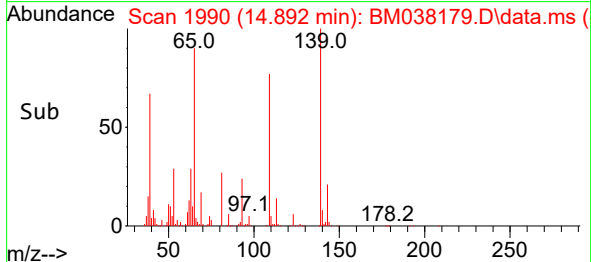
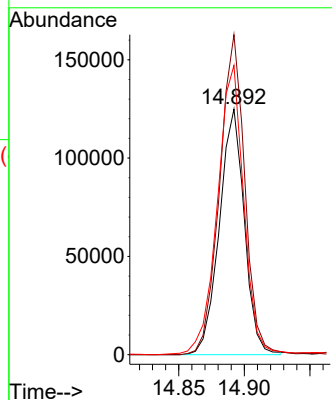
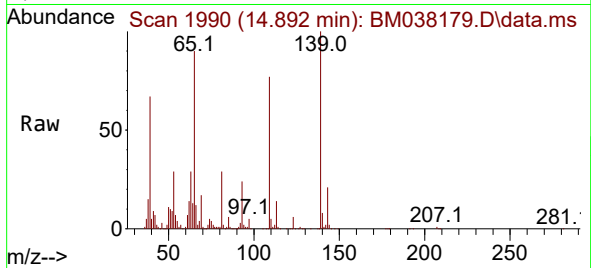




#55
4-Nitrophenol
Concen: 47.106 ng/ul
RT: 14.892 min Scan# 1989
Delta R.T. 0.012 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

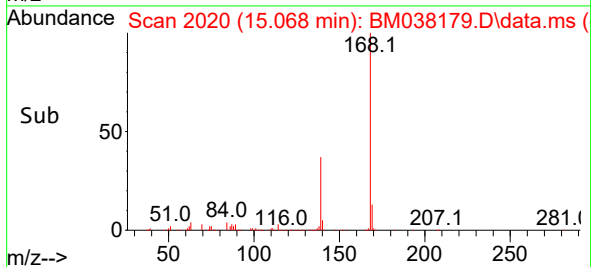
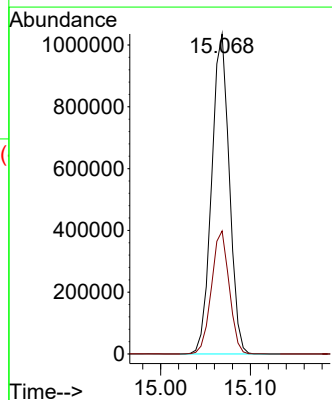
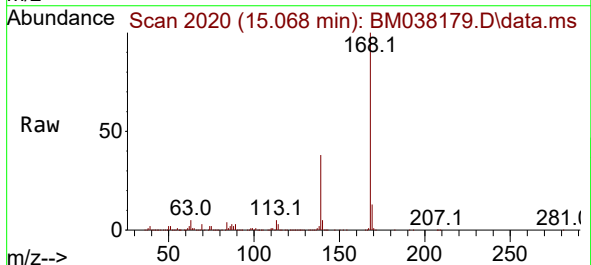
Instrument :
BNA_M
ClientSampleId :

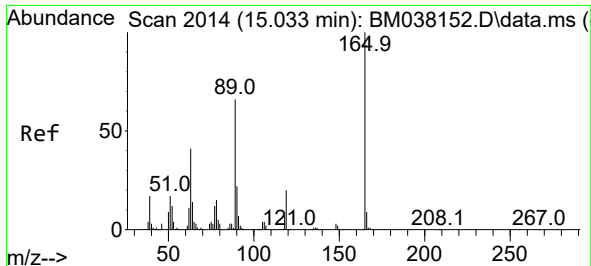
Tgt Ion:109 Resp: 164811
Ion Ratio Lower Upper
109 100
139 130.3 119.2 178.8
65 117.8 108.7 163.1



#56
Dibenzofuran
Concen: 35.805 ng/ul
RT: 15.068 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:168 Resp: 1414503
Ion Ratio Lower Upper
168 100
139 38.4 28.1 42.1





#57

2,4-Dinitrotoluene

Concen: 42.524 ng/ul

RT: 15.039 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Instrument :

BNA_M

ClientSampleId :

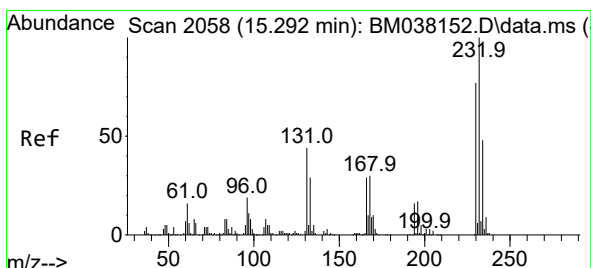
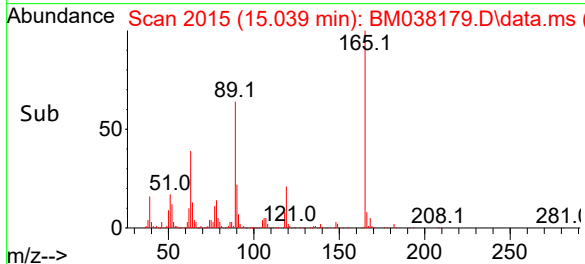
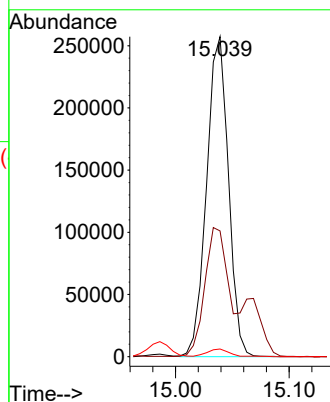
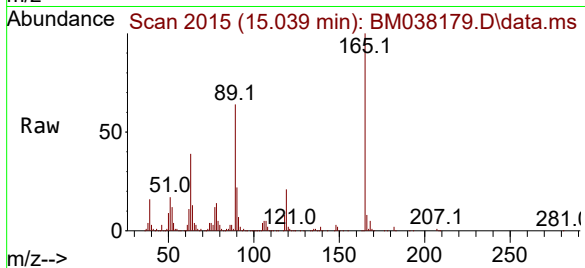
Tgt Ion:165 Resp: 343564

Ion Ratio Lower Upper

165 100

63 39.3 34.9 52.3

182 2.4 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.999 ng/ul

RT: 15.292 min Scan# 2058

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Tgt Ion:232 Resp: 312570

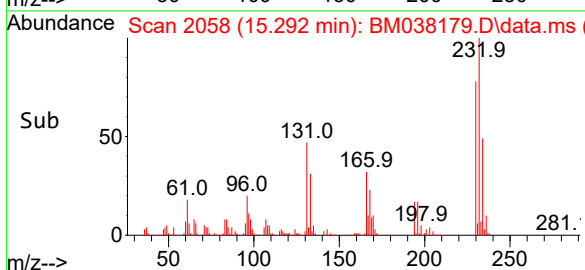
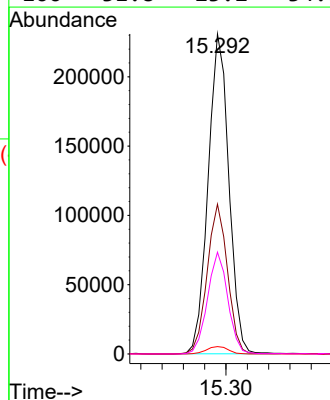
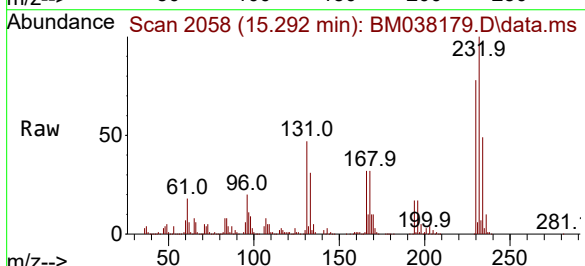
Ion Ratio Lower Upper

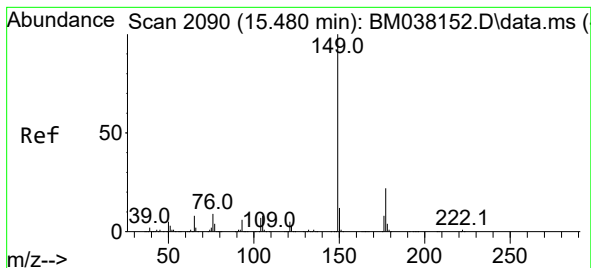
232 100

131 46.8 32.8 49.2

130 2.3 2.0 3.0

166 31.8 23.2 34.8





#59

Diethylphthalate

Concen: 40.298 ng/ul

RT: 15.480 min Scan# 2090

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Instrument :

BNA_M

ClientSampleId :

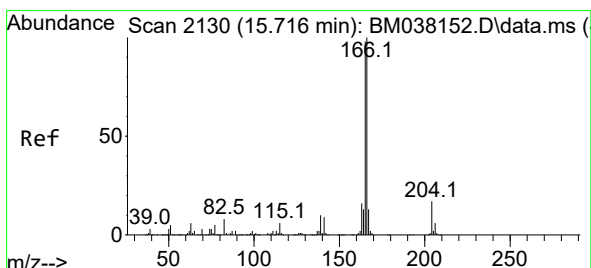
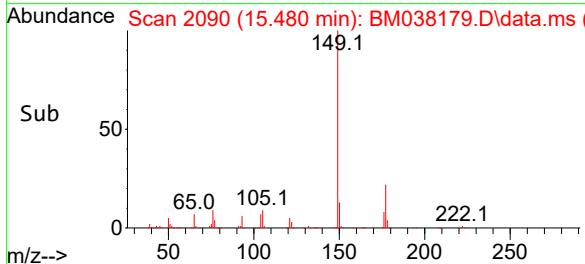
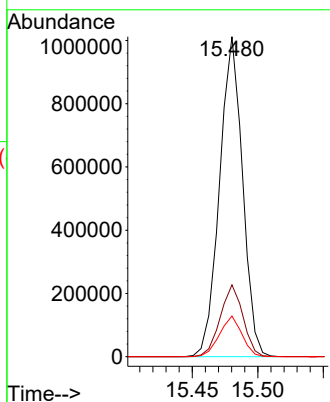
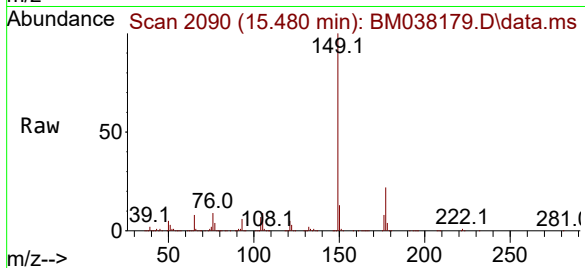
Tgt Ion:149 Resp: 1232985

Ion Ratio Lower Upper

149 100

177 22.5 18.5 27.7

150 12.7 9.5 14.3



#61

Fluorene

Concen: 37.520 ng/ul

RT: 15.716 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

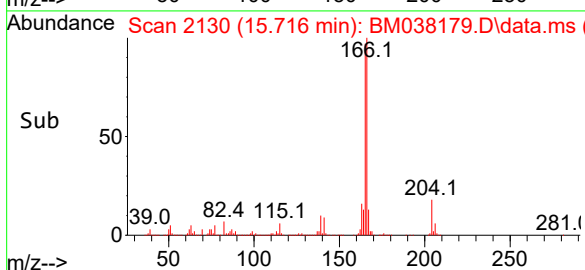
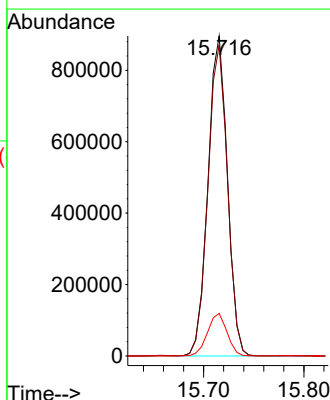
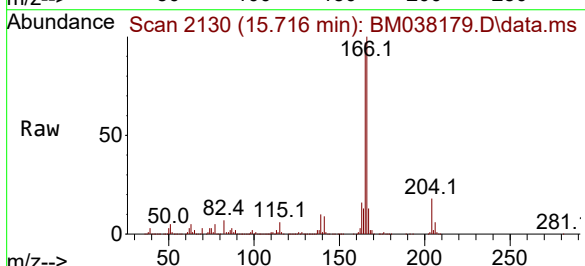
Tgt Ion:166 Resp: 1208829

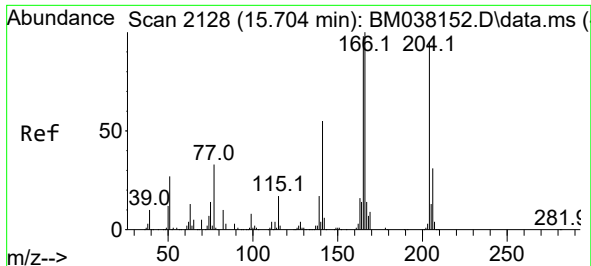
Ion Ratio Lower Upper

166 100

165 97.1 77.2 115.8

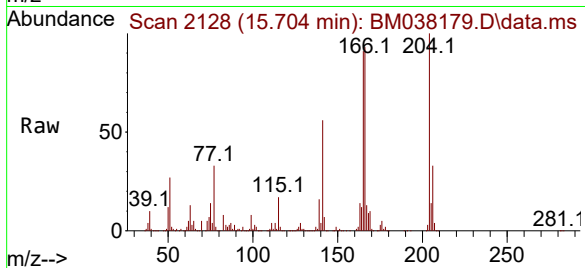
167 13.3 10.4 15.6



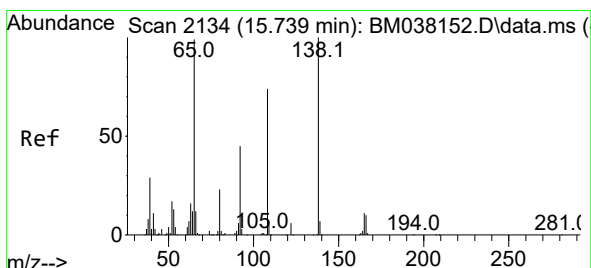
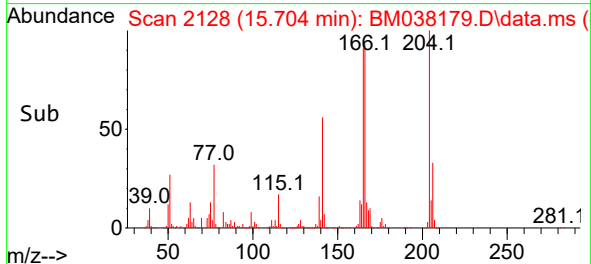
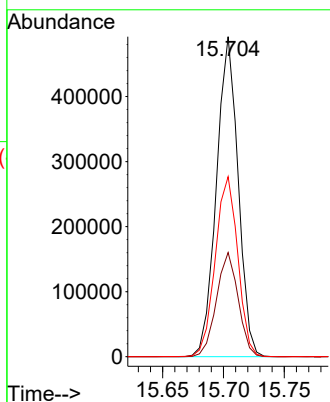


#62
4-Chlorophenyl-phenylether
Concen: 38.708 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Instrument :
BNA_M
ClientSampleId :

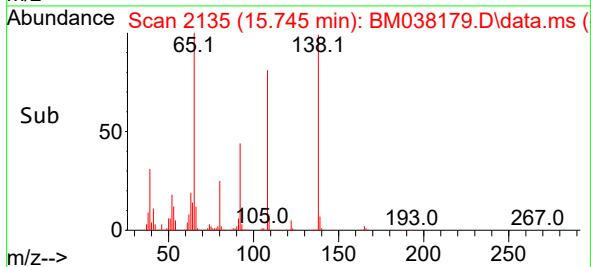
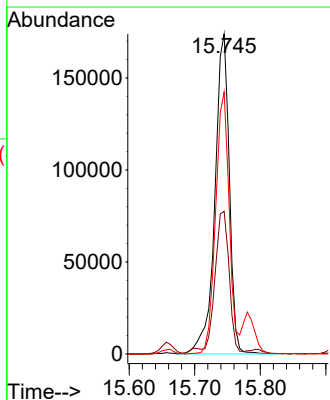
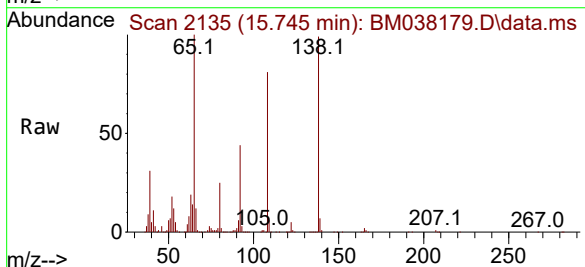


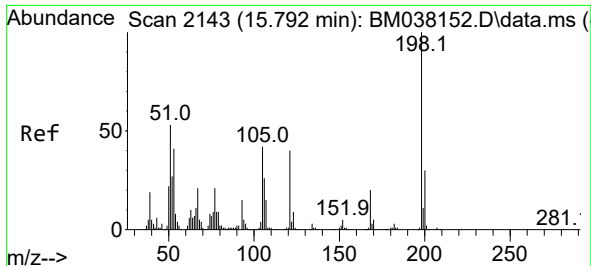
Tgt Ion:204 Resp: 609465
Ion Ratio Lower Upper
204 100
206 32.5 25.5 38.3
141 56.2 42.8 64.2



#63
4-Nitroaniline
Concen: 49.182 ng/ul
RT: 15.745 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:138 Resp: 265434
Ion Ratio Lower Upper
138 100
92 44.6 36.1 54.1
108 81.9 51.6 77.4#

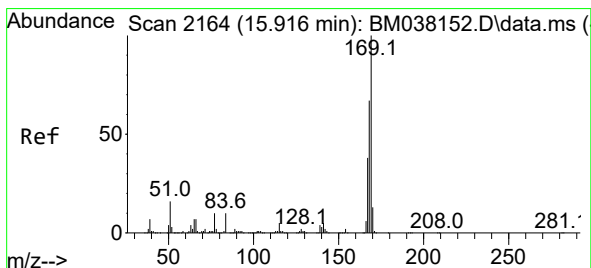
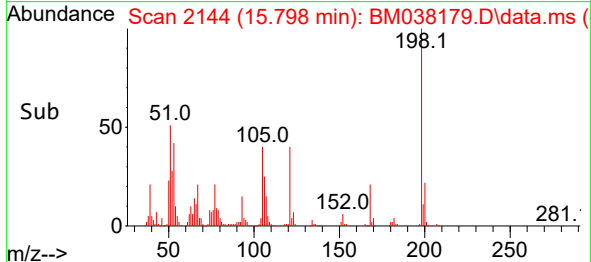
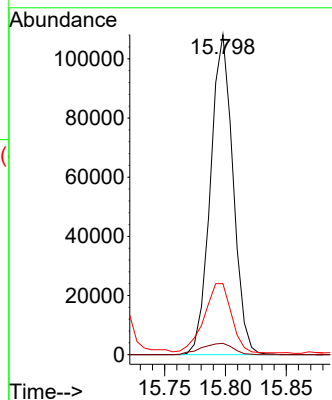
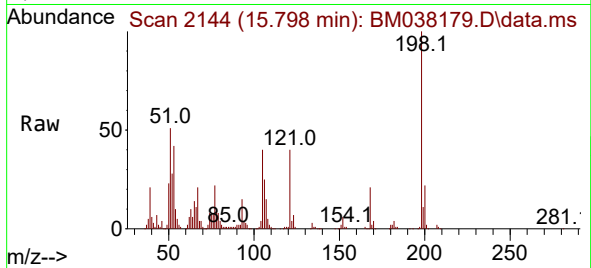




#66
4,6-Dinitro-2-methylphenol
Concen: 30.401 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

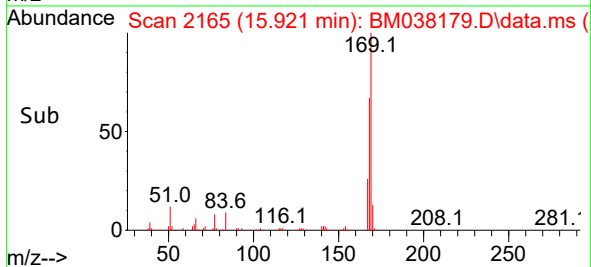
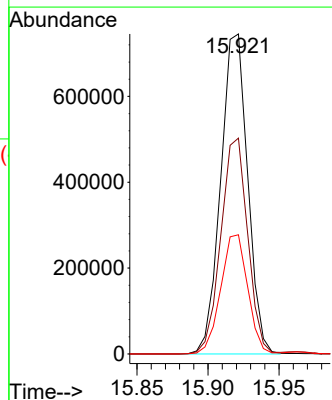
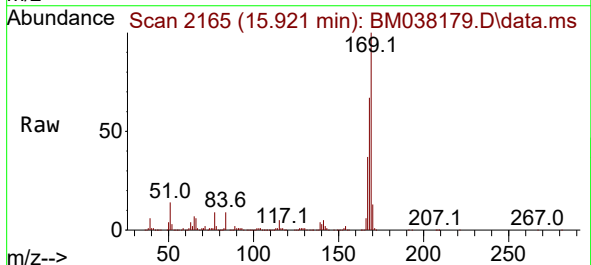
Instrument :
BNA_M
ClientSampleId :

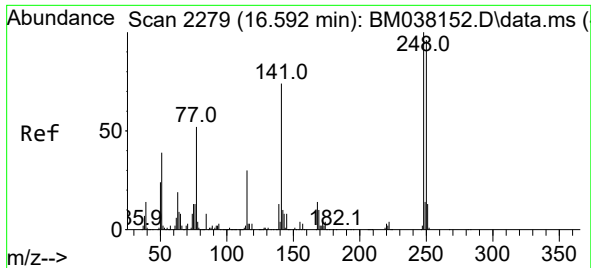
Tgt Ion:198 Resp: 139692
Ion Ratio Lower Upper
198 100
182 3.5 3.8 5.8#
77 22.2 19.3 28.9



#67
N-Nitrosodiphenylamine
Concen: 36.799 ng/ul
RT: 15.921 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:169 Resp: 985453
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 37.3 29.3 43.9

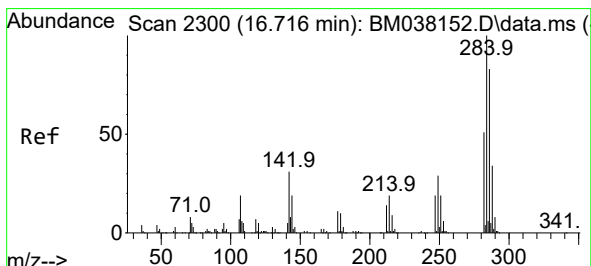
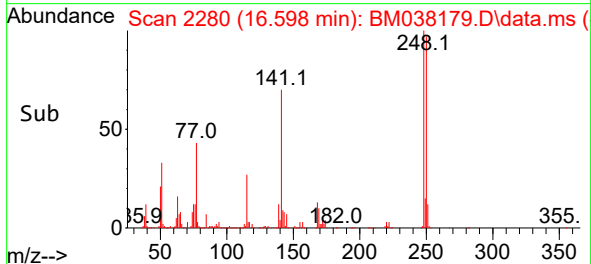
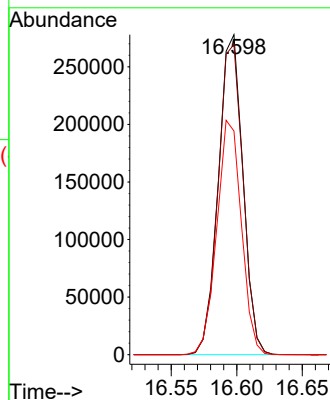
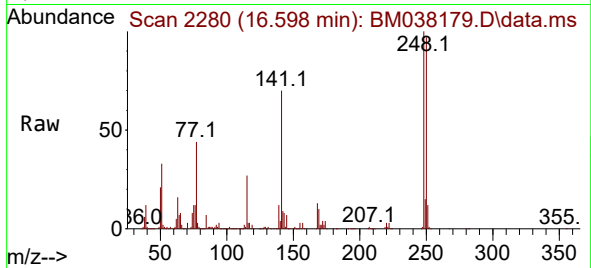




#68
4-Bromophenyl-phenylether
Concen: 37.251 ng/ul
RT: 16.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

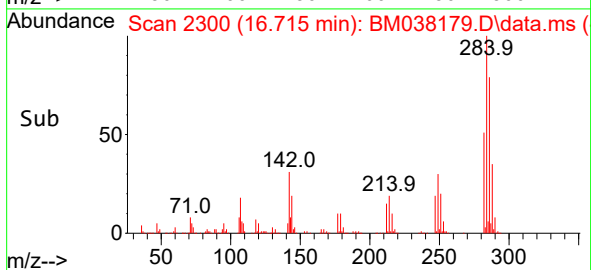
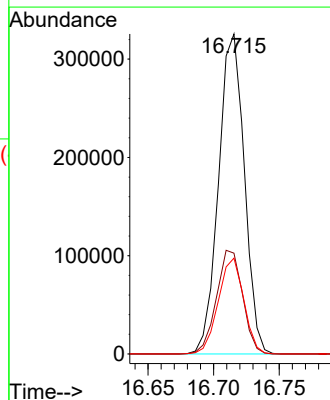
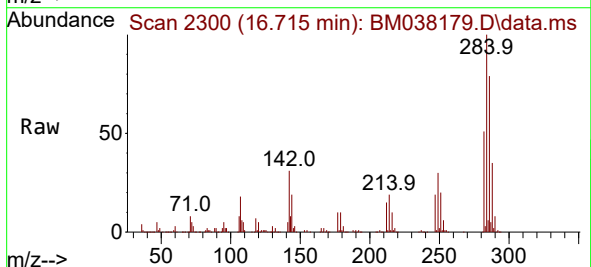
Instrument :
BNA_M
ClientSampleId :

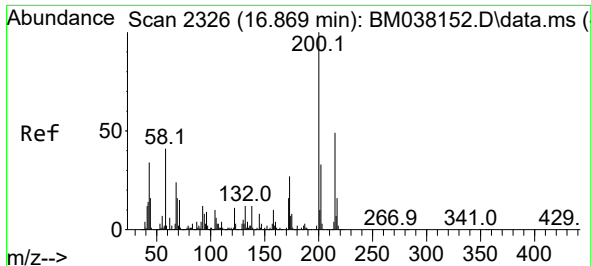
Tgt Ion:248 Resp: 362512
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 69.9 52.7 79.1



#69
Hexachlorobenzene
Concen: 38.336 ng/ul
RT: 16.715 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:284 Resp: 445320
Ion Ratio Lower Upper
284 100
142 31.5 23.1 34.7
249 30.0 23.3 34.9

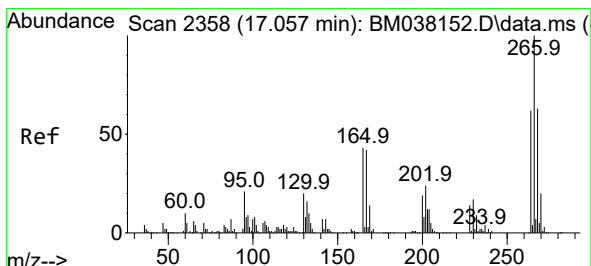
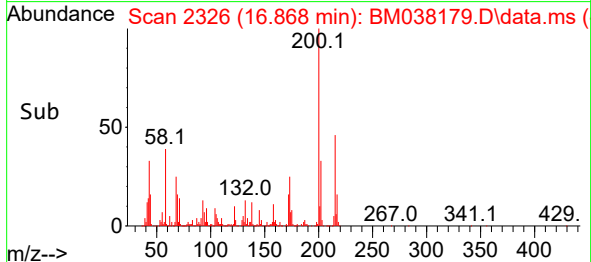
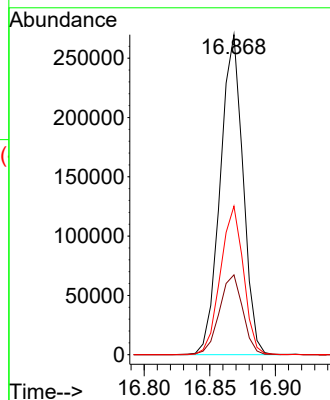
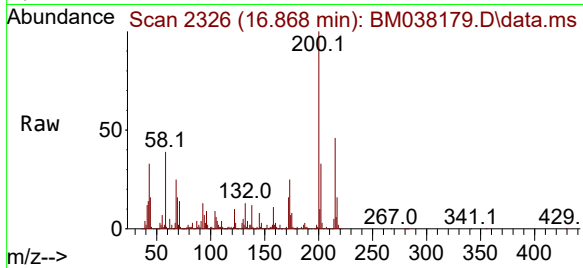




#70
Atrazine
Concen: 35.611 ng/ul
RT: 16.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

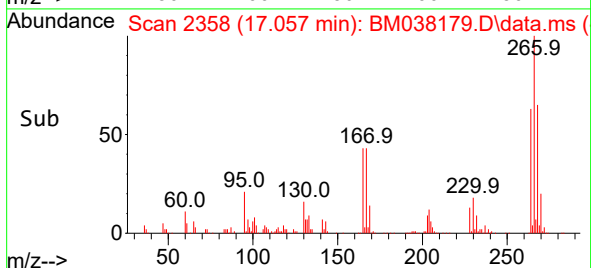
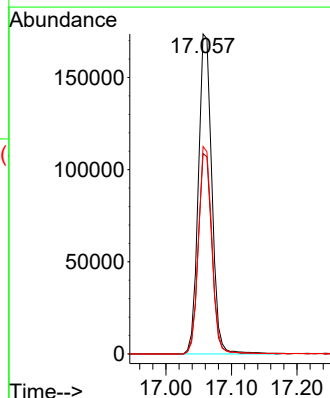
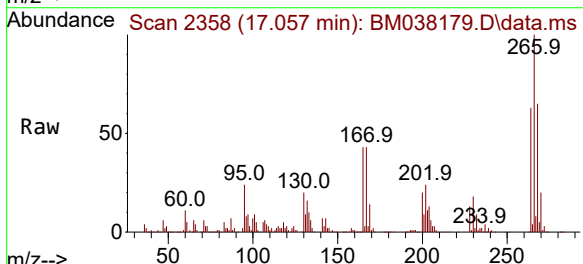
Instrument :
BNA_M
ClientSampleId :

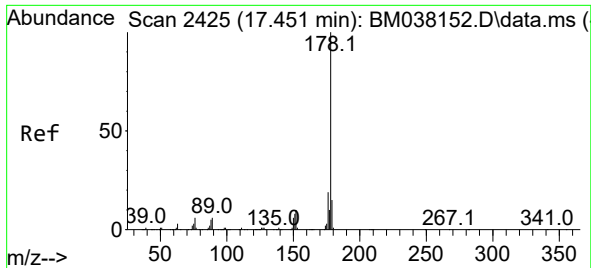
Tgt Ion:200 Resp: 325887
Ion Ratio Lower Upper
200 100
173 24.9 20.5 30.7
215 46.4 40.1 60.1



#71
Pentachlorophenol
Concen: 38.571 ng/ul
RT: 17.057 min Scan# 2358
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:266 Resp: 249111
Ion Ratio Lower Upper
266 100
264 62.6 50.1 75.1
268 64.8 50.6 75.8

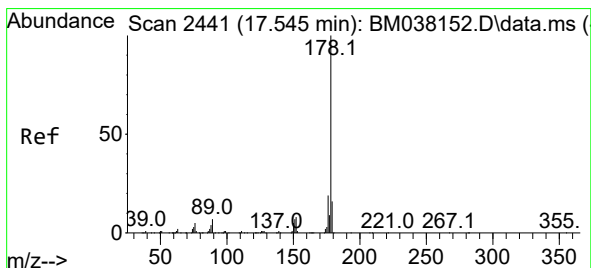
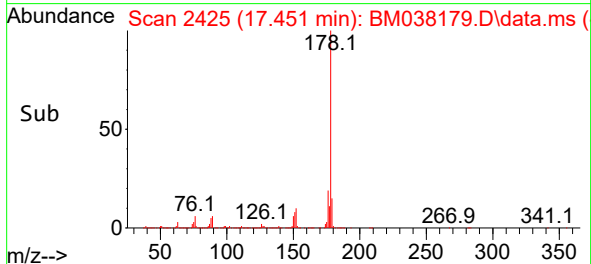
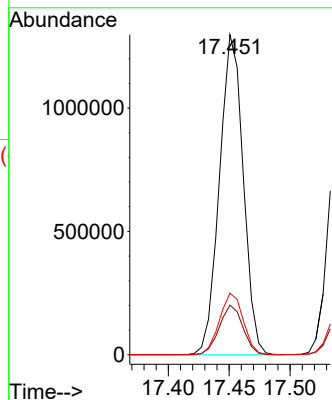
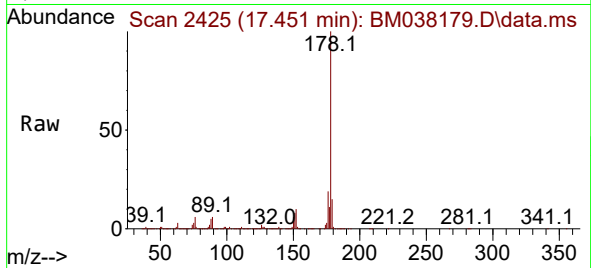




#72
Phenanthrene
Concen: 36.314 ng/ul
RT: 17.451 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

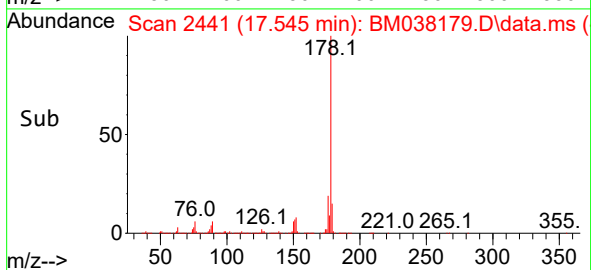
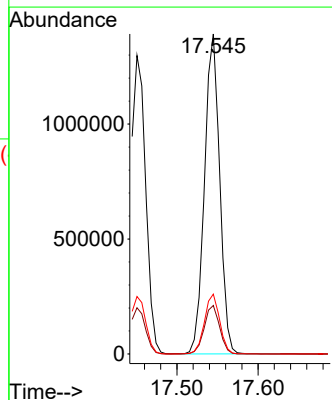
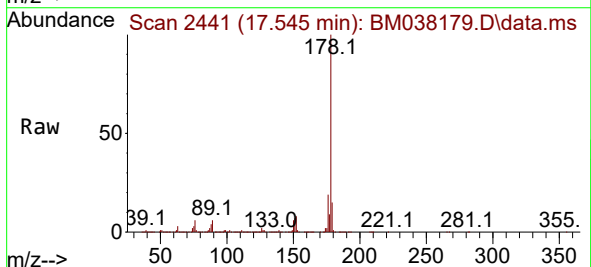
Instrument :
BNA_M
ClientSampleId :

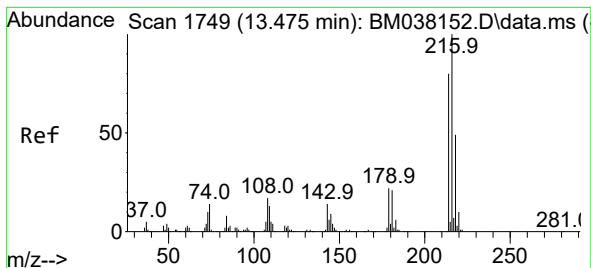
Tgt Ion:178 Resp: 1760535
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.3 15.4 23.0



#74
Anthracene
Concen: 36.673 ng/ul
RT: 17.545 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:178 Resp: 1806827
Ion Ratio Lower Upper
178 100
179 15.2 11.8 17.8
176 18.7 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.672 ng/uL

RT: 13.474 min Scan# 1

Delta R.T. -0.006 min

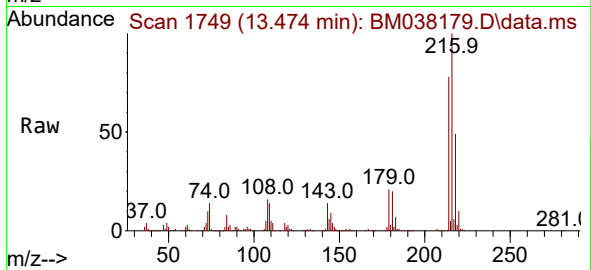
Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Instrument :

BNA_M

ClientSampleId :



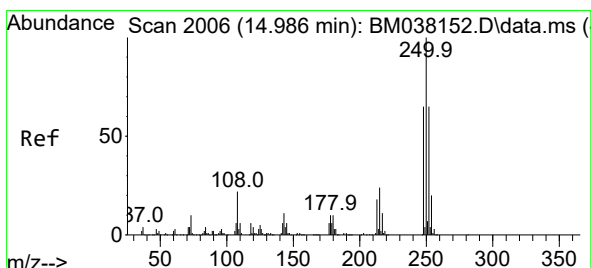
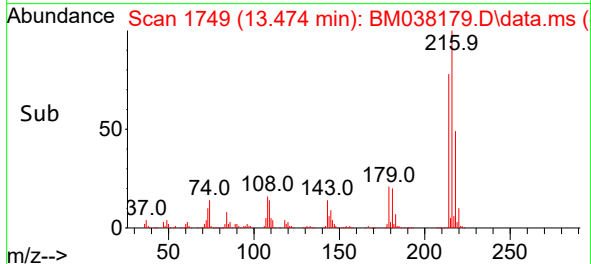
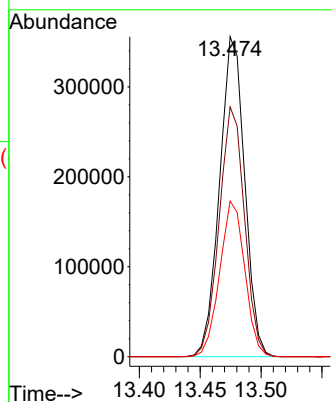
Tgt Ion:216 Resp: 511972

Ion Ratio Lower Upper

216 100

214 78.1 62.6 93.8

218 48.7 38.3 57.5



#76

Pentachlorobenzene

Concen: 35.104 ng/uL

RT: 14.986 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

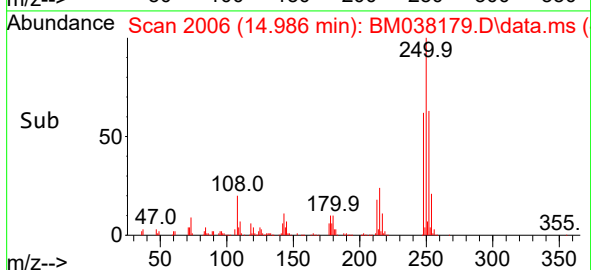
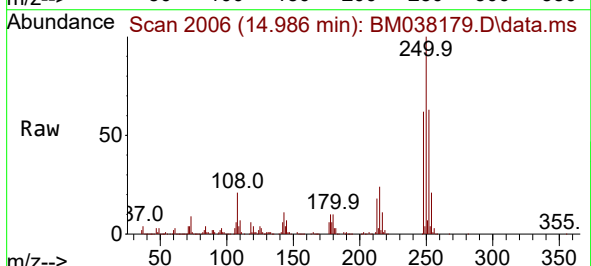
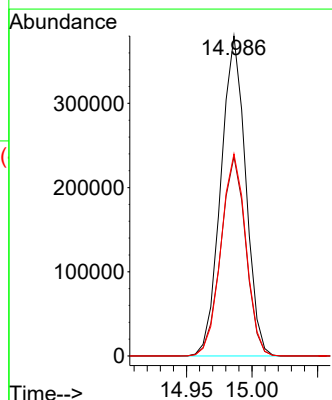
Tgt Ion:250 Resp: 499072

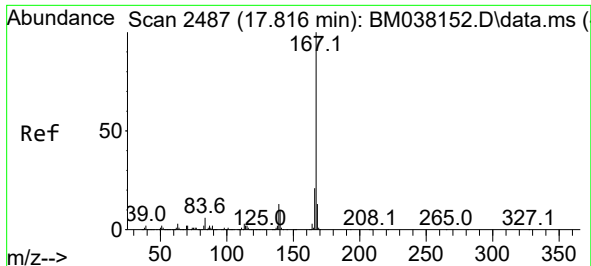
Ion Ratio Lower Upper

250 100

248 62.2 51.0 76.4

252 63.1 51.8 77.6

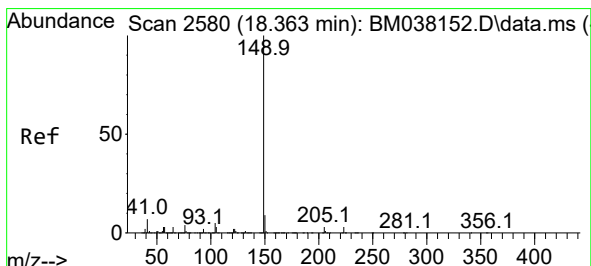
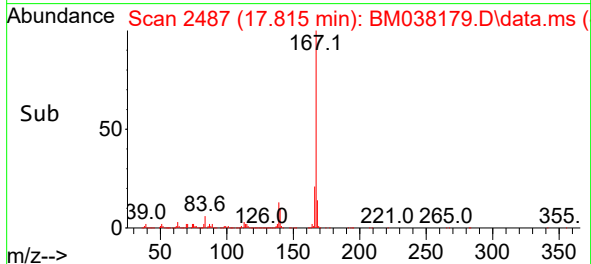
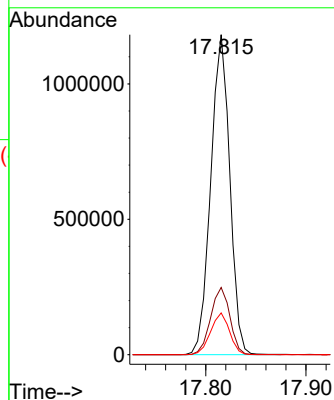
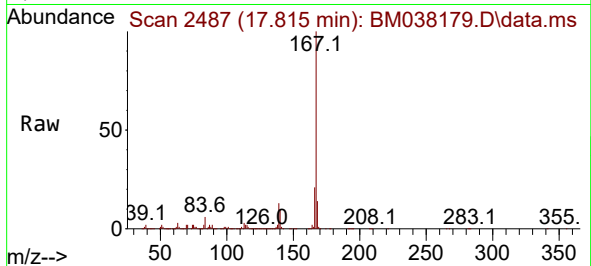




#77
 Carbazole
 Concen: 36.464 ng/ul
 RT: 17.815 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BM038179.D
 Acq: 21 Dec 2022 19:27

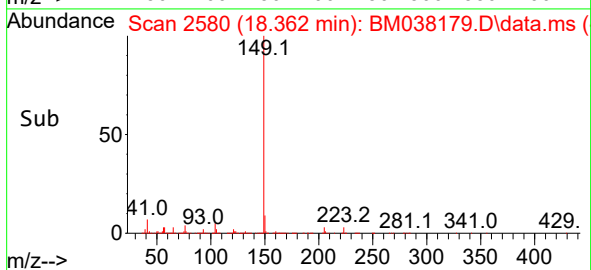
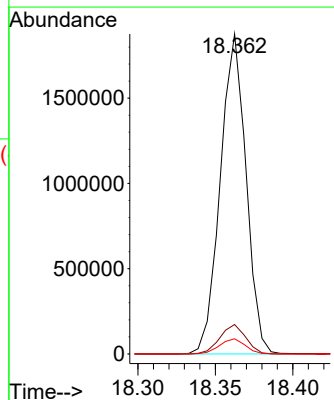
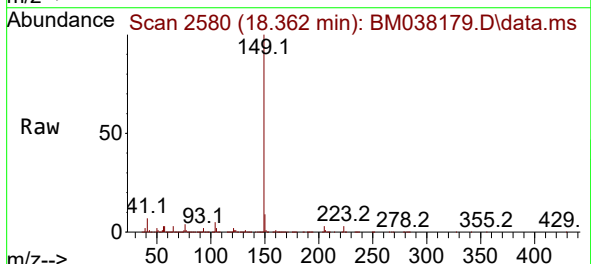
Instrument :
 BNA_M
 ClientSampleId :

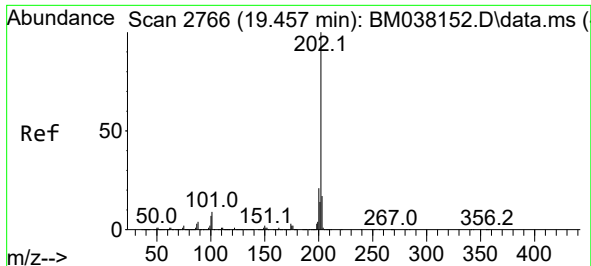
Tgt Ion:167 Resp: 1556455
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.7 25.1
 139 13.1 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 42.673 ng/ul
 RT: 18.362 min Scan# 2580
 Delta R.T. -0.000 min
 Lab File: BM038179.D
 Acq: 21 Dec 2022 19:27

Tgt Ion:149 Resp: 2165117
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.8 3.4 5.2

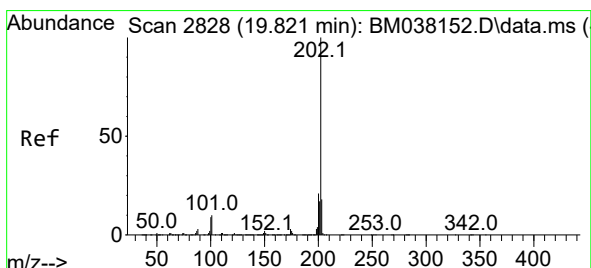
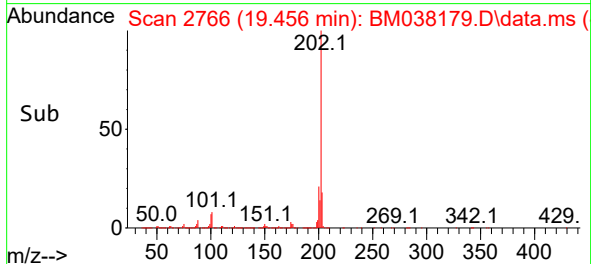
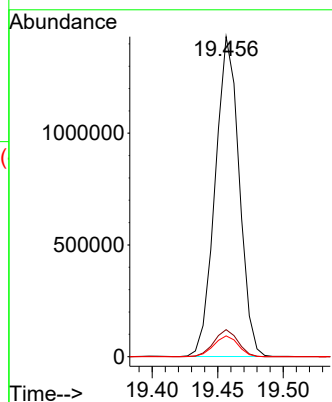
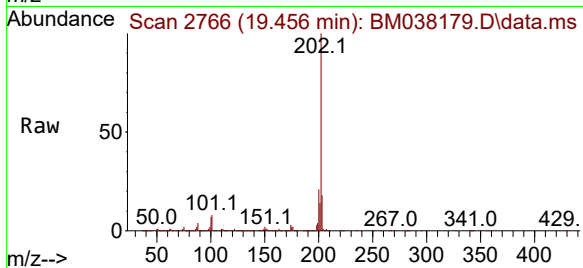




#80
Fluoranthene
Concen: 42.648 ng/ul
RT: 19.456 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

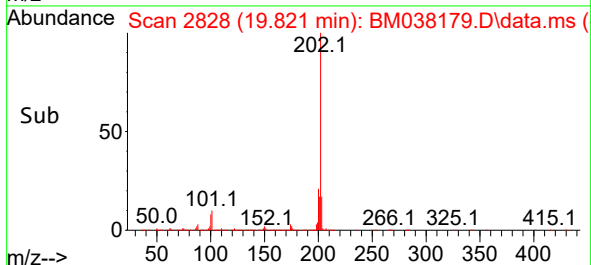
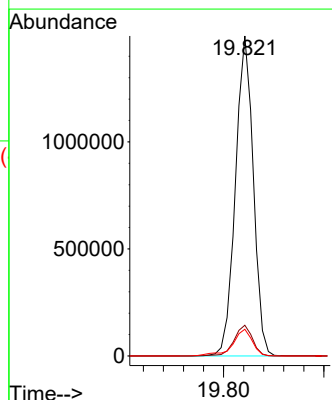
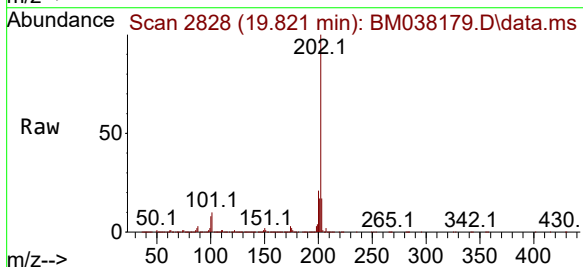
Instrument :
BNA_M
ClientSampleId :

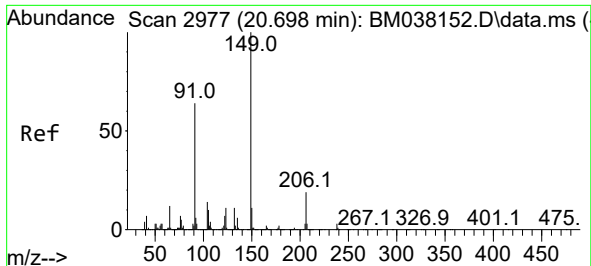
Tgt Ion:202 Resp: 1820941
Ion Ratio Lower Upper
202 100
101 8.4 8.6 13.0#
100 6.5 6.6 10.0#



#82
Pyrene
Concen: 41.696 ng/ul
RT: 19.821 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:202 Resp: 1852799
Ion Ratio Lower Upper
202 100
101 9.6 10.0 15.0#
100 8.4 7.9 11.9

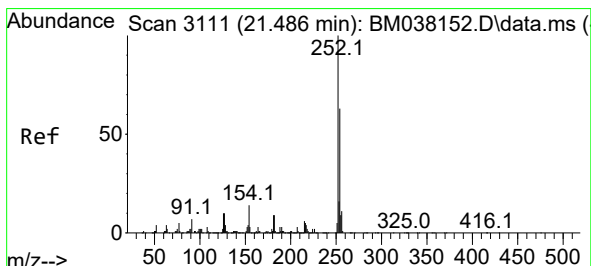
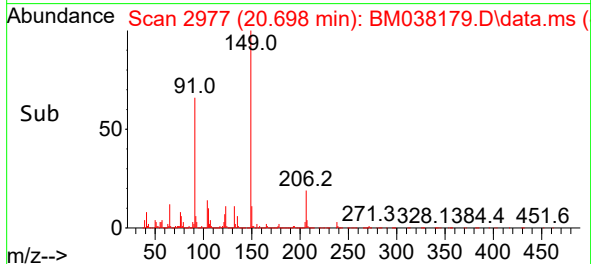
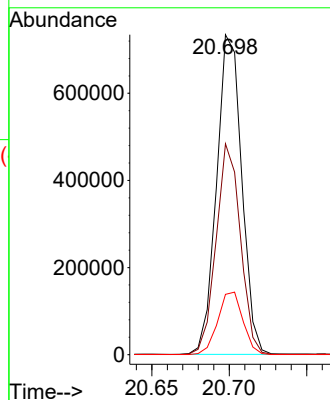
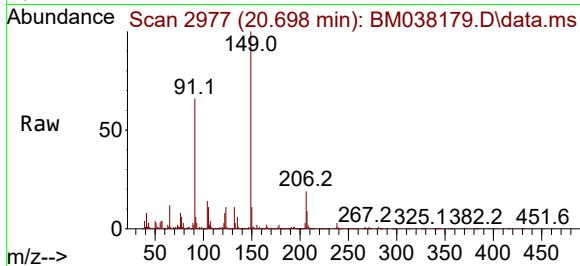




#83
Butylbenzylphthalate
Concen: 50.120 ng/ul
RT: 20.698 min Scan# 2977
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

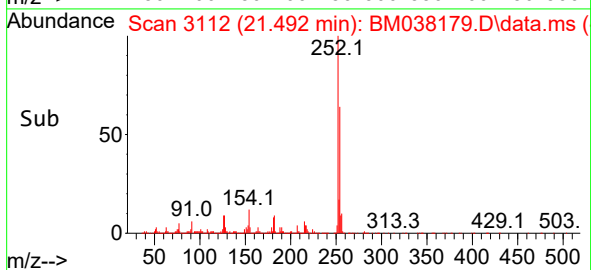
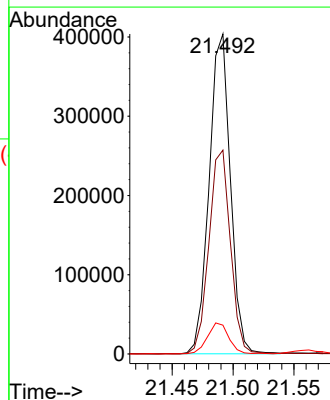
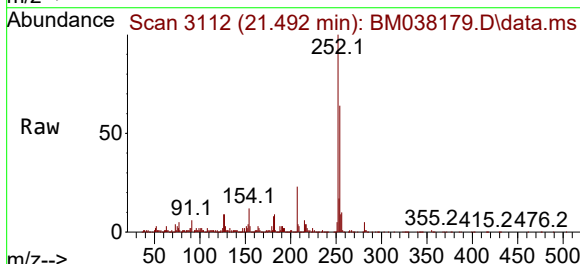
Instrument :
BNA_M
ClientSampleId :

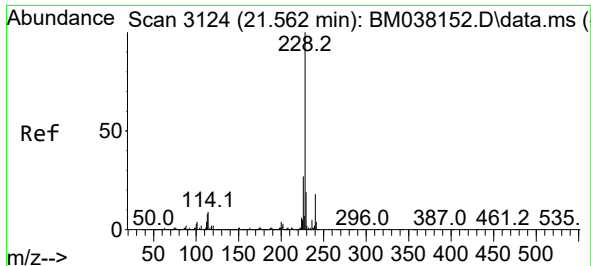
Tgt Ion:149 Resp: 828158
Ion Ratio Lower Upper
149 100
91 65.9 54.5 81.7
206 18.9 15.8 23.8



#84
3,3'-Dichlorobenzidine
Concen: 40.989 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:252 Resp: 488488
Ion Ratio Lower Upper
252 100
254 63.7 53.2 79.8
126 9.0 7.8 11.8

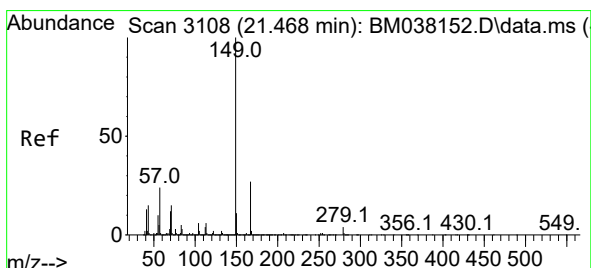
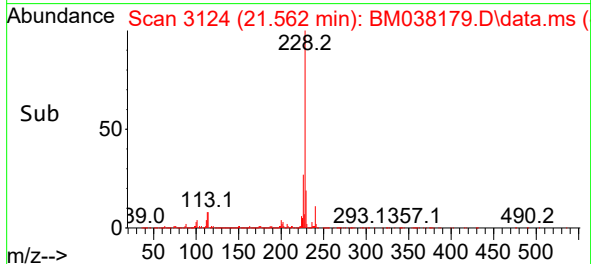
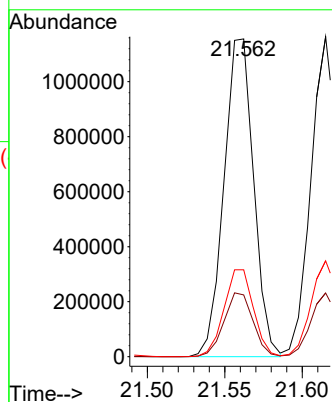
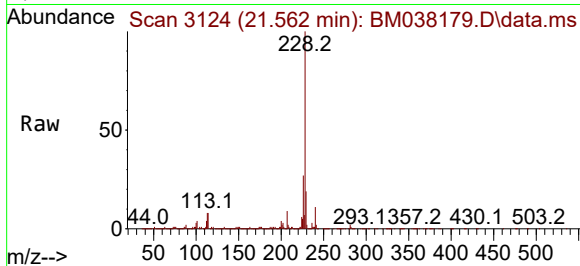




#85
Benzo(a)anthracene
Concen: 37.940 ng/ul
RT: 21.562 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

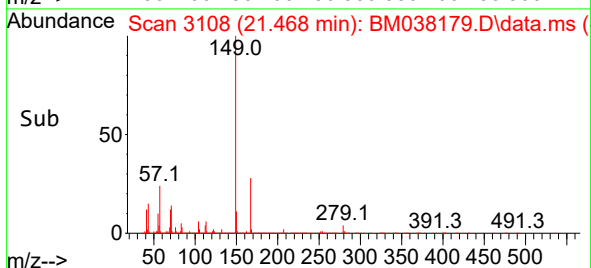
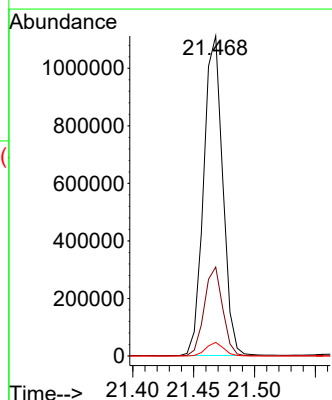
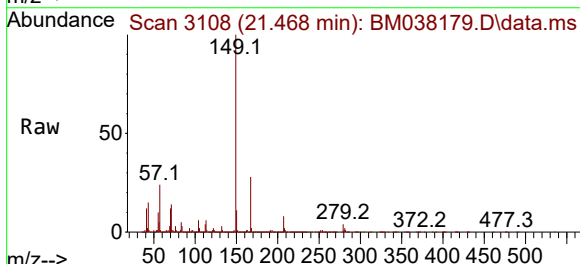
Instrument :
BNA_M
ClientSampleId :

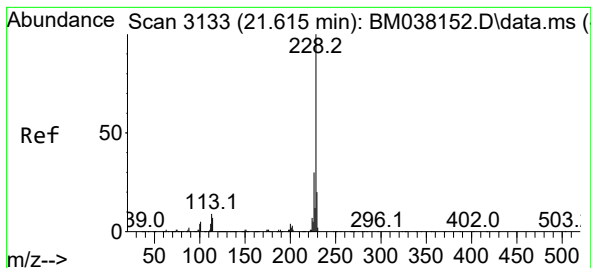
Tgt Ion:228 Resp: 1538327
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.3 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 50.276 ng/ul
RT: 21.468 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:149 Resp: 1208528
Ion Ratio Lower Upper
149 100
167 27.8 21.5 32.3
279 4.3 3.2 4.8





#87

Chrysene

Concen: 37.424 ng/ul

RT: 21.615 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Instrument :

BNA_M

ClientSampleId :

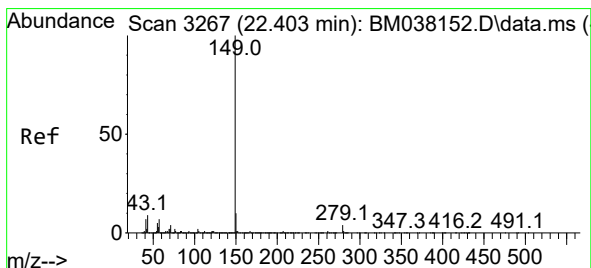
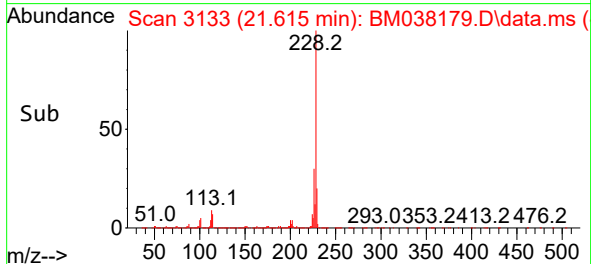
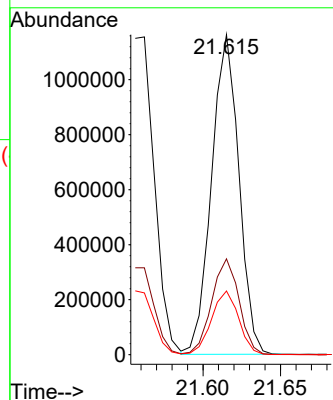
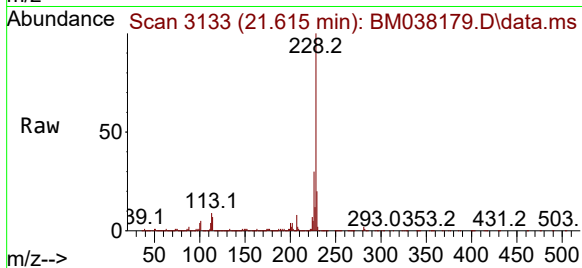
Tgt Ion:228 Resp: 1423700

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.9 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 48.379 ng/ul

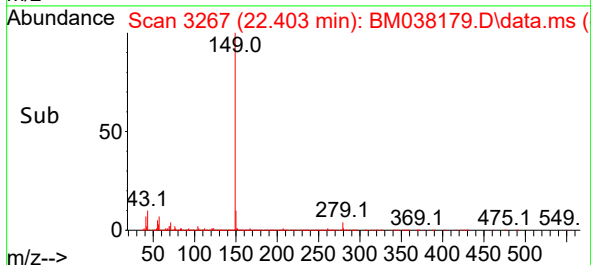
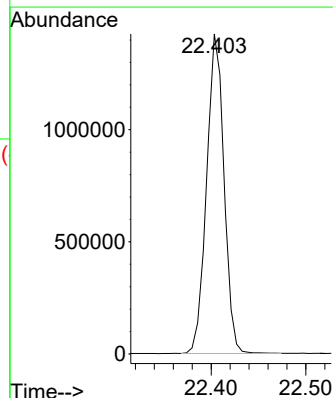
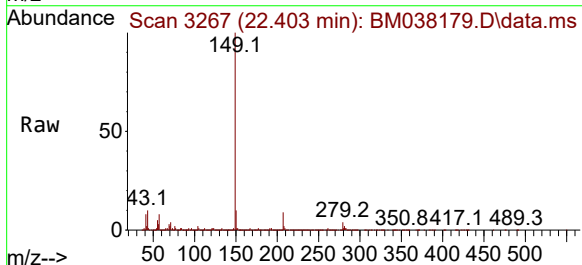
RT: 22.403 min Scan# 3267

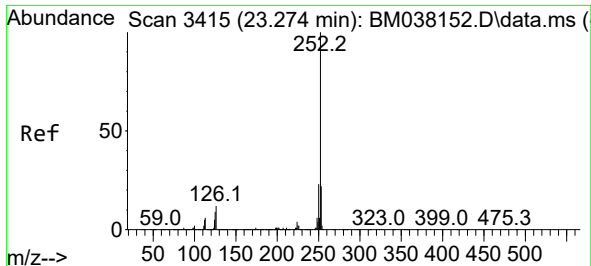
Delta R.T. -0.006 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Tgt Ion:149 Resp: 1818134

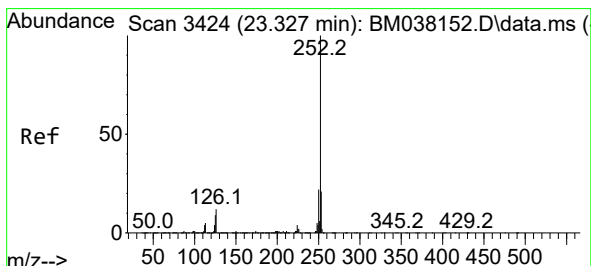
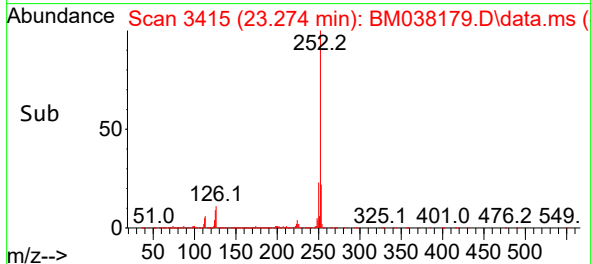
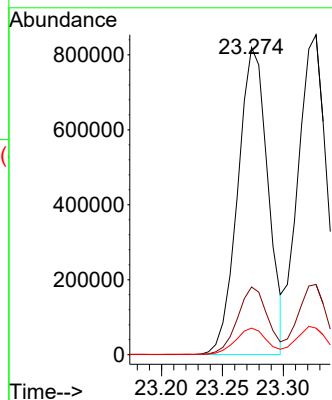
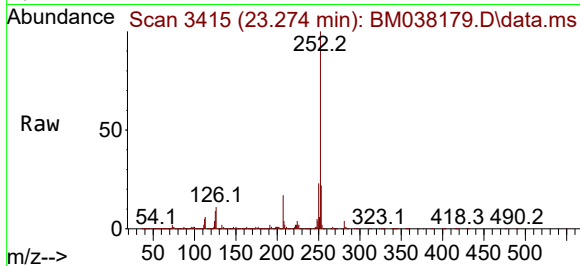




#90
Benzo(b)fluoranthene
Concen: 38.909 ng/ul
RT: 23.274 min Scan# 3415
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

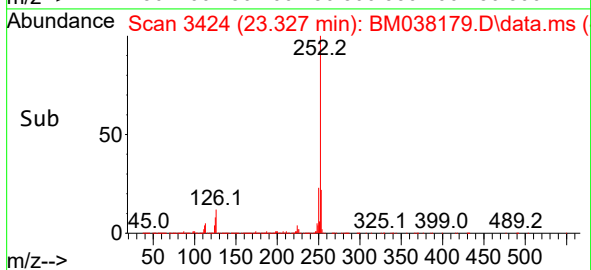
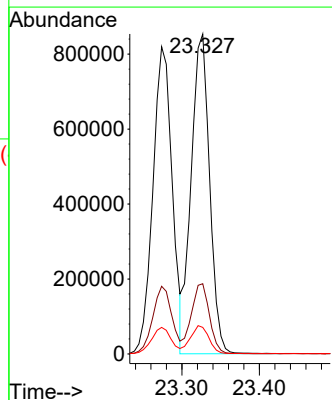
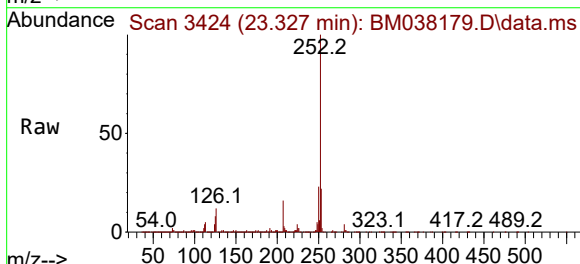
Instrument :
BNA_M
ClientSampleId :

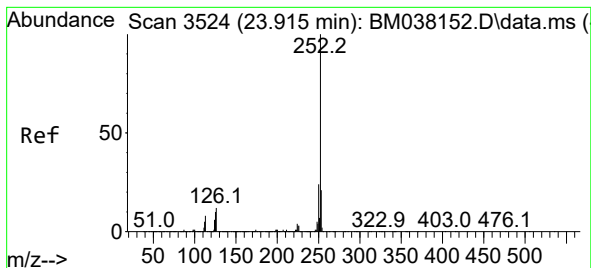
Tgt Ion:252 Resp: 1414759
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.6 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 39.917 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. -0.000 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:252 Resp: 1406656
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.3 8.1 12.1





#93

Benzo(a)pyrene

Concen: 38.653 ng/ul

RT: 23.921 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

Instrument :

BNA_M

ClientSampleId :

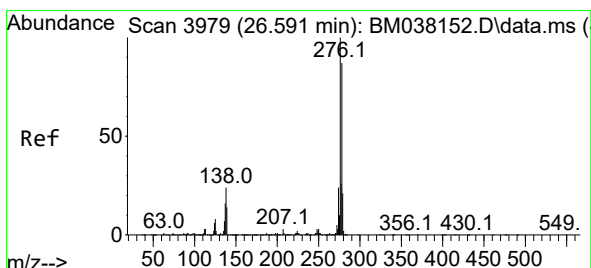
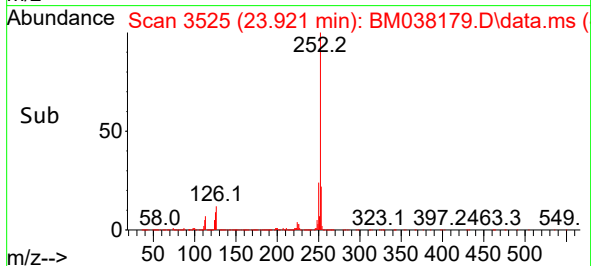
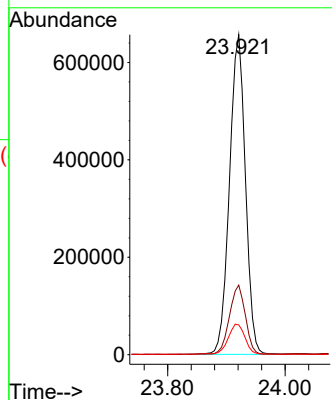
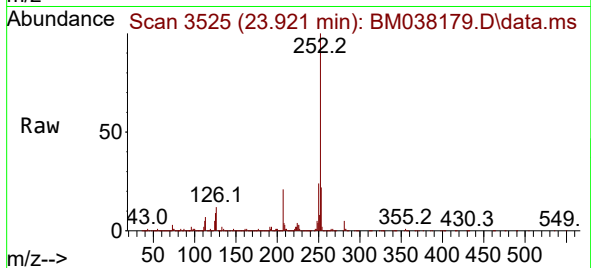
Tgt Ion:252 Resp: 1235932

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.3 9.4 14.0#



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.490 ng/ul

RT: 26.591 min Scan# 3979

Delta R.T. -0.000 min

Lab File: BM038179.D

Acq: 21 Dec 2022 19:27

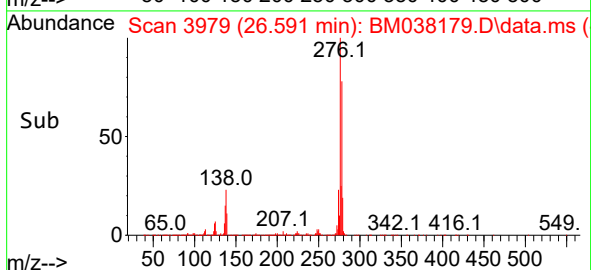
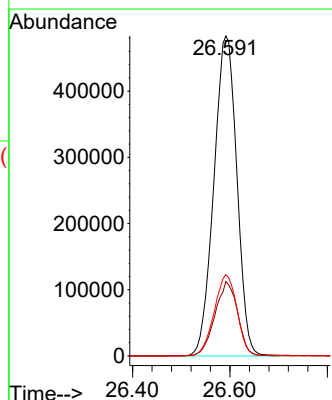
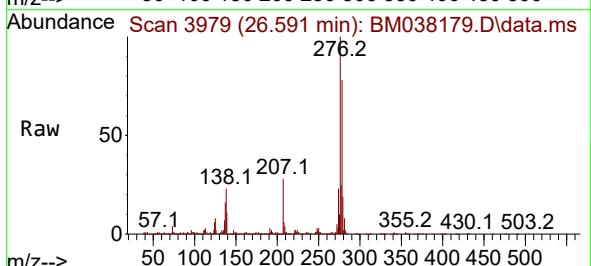
Tgt Ion:276 Resp: 1585045

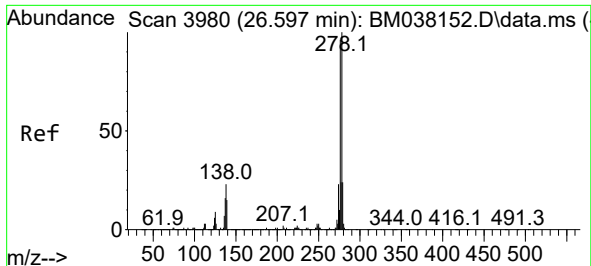
Ion Ratio Lower Upper

276 100

138 23.2 19.3 28.9

277 25.4 19.8 29.8

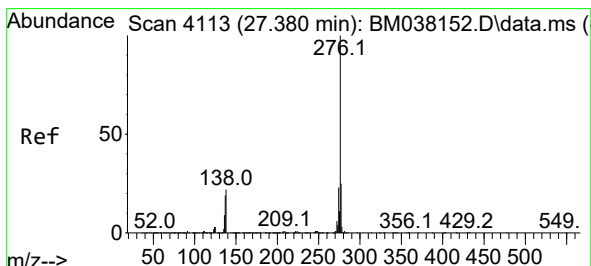
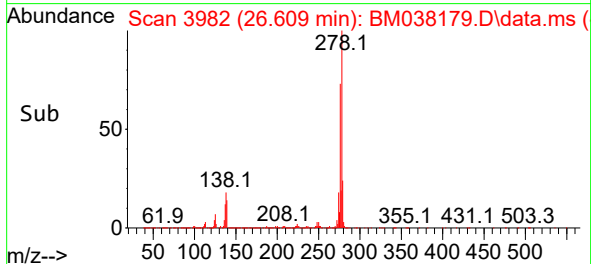
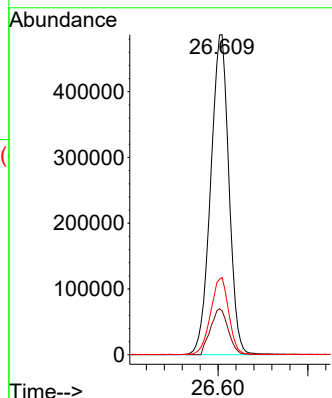
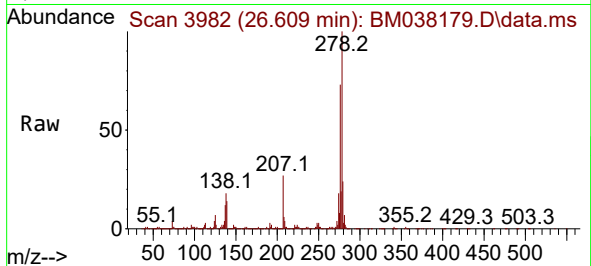




#95
Dibenzo(a,h)anthracene
Concen: 39.548 ng/ul
RT: 26.609 min Scan# 3980
Delta R.T. 0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1372953
Ion Ratio Lower Upper
278 100
139 13.8 12.4 18.6
279 24.1 19.8 29.6



#96
Benzo(g,h,i)perylene
Concen: 39.576 ng/ul
RT: 27.385 min Scan# 4114
Delta R.T. -0.006 min
Lab File: BM038179.D
Acq: 21 Dec 2022 19:27

Tgt Ion:276 Resp: 1301202
Ion Ratio Lower Upper
276 100
138 18.8 17.1 25.7
277 23.4 18.2 27.4

