

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
 Data File : BM038169.D
 Acq On : 21 Dec 2022 13:23
 Operator : CG/JU
 Sample : N6014-15MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 23:31:02 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	174686	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	738787	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	454266	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	936024	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	649065	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	633100	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	20172	5.243	ng/uL	0.00
4) Pyridine-d5	3.828	84	266610	23.360	ng/ul	0.00
7) Phenol-d5	7.204	99	443014	31.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	245746	28.431	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	395087	33.928	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	357924	32.302	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	202458	34.612	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	236793	38.629	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	443430	38.085	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	478637	29.781	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	1209311	37.340	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1427967	36.076	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	203273	36.829	ng/ul	0.00
60) Fluorene-d10	15.657	176	1054280	36.539	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	156797	31.332	ng/ul	0.00
73) Anthracene-d10	17.510	188	1592703	36.459	ng/ul	0.00
81) Pyrene-d10	19.792	212	1650369	42.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1145231	36.216	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	47096	11.669	ng/uL	97
5) Pyridine	3.846	79	336951	29.378	ng/ul	99
6) Benzaldehyde	7.181	77	287353	54.123	ng/ul	97
8) Phenol	7.234	94	495588	34.810	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.463	93	399474	34.171	ng/ul	95
12) 2-Chlorophenol	7.604	128	446095	37.458	ng/ul	98
13) 2-Methylphenol	8.492	108	405773	37.245	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.569	45	657544	31.149	ng/ul	98
16) Acetophenone	8.875	105	646986	37.126	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.863	70	295855	36.038	ng/ul	94
18) 4-Methylphenol	8.822	108	439227	37.268	ng/ul	99
19) Hexachloroethane	9.128	117	177013	37.179	ng/ul	97
22) Nitrobenzene	9.257	77	459603	36.517	ng/ul	96
23) Isophorone	9.787	82	871649	37.793	ng/ul	98
25) 2-Nitrophenol	9.975	139	259249	40.340	ng/ul	95
26) 2,4-Dimethylphenol	10.028	107	504420	40.588	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.263	93	547593	35.717	ng/ul	98
29) 2,4-Dichlorophenol	10.504	162	471197	41.248	ng/ul	98
30) Naphthalene	10.910	128	1489018	37.348	ng/ul	99
32) 4-Chloroaniline	11.022	127	548297	34.210	ng/ul	99
33) Hexachlorobutadiene	11.186	225	314250	41.817	ng/ul	99
34) Caprolactam	11.828	113	105789	36.102	ng/ul	81
35) 4-Chloro-3-methylphenol	12.145	107	448093	43.094	ng/ul	99
36) 2-Methylnaphthalene	12.510	142	1018358	39.381	ng/ul	98

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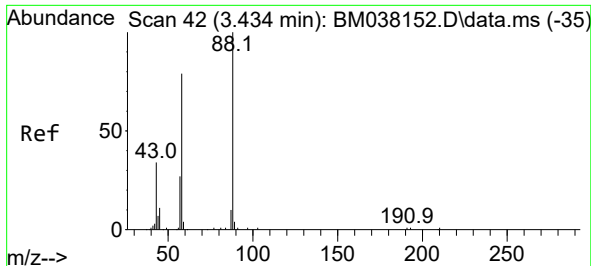
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.727	142	1019560	38.559	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.875	216	572528	38.573	ng/ul	98
40) Hexachlorocyclopentadiene	12.845	237	130873	15.414	ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	386653	42.767	ng/ul	97
42) 2,4,5-Trichlorophenol	13.186	196	415507	44.067	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1369950	37.518	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1093519	38.821	ng/ul	98
45) 2-Nitroaniline	13.763	65	280778	41.369	ng/ul	94
47) Dimethylphthalate	14.127	163	1310320	41.008	ng/ul	100
48) 2,6-Dinitrotoluene	14.257	165	267615	43.118	ng/ul	98
50) Acenaphthylene	14.398	152	1912222	43.935	ng/ul	99
51) 3-Nitroaniline	14.586	138	276073	44.583	ng/ul	97
52) Acenaphthene	14.733	153	1183248	39.305	ng/ul	99
53) 2,4-Dinitrophenol	14.786	184	110807	36.383	ng/ul	93
55) 4-Nitrophenol	14.892	109	183761	50.485	ng/ul	87
56) Dibenzofuran	15.069	168	1615696	39.311	ng/ul	96
57) 2,4-Dinitrotoluene	15.039	165	372302	44.294	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.292	232	357814	45.113	ng/ul	96
59) Diethylphthalate	15.480	149	1346758	42.309	ng/ul	97
61) Fluorene	15.716	166	1358405	40.527	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.704	204	684746	41.803	ng/ul	96
63) 4-Nitroaniline	15.745	138	276596	49.262	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.798	198	164477	33.950	ng/ul#	95
67) N-Nitrosodiphenylamine	15.921	169	1086793	38.491	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	403629	39.338	ng/ul	97
69) Hexachlorobenzene	16.715	284	494256	40.354	ng/ul	98
70) Atrazine	16.868	200	402130	41.677	ng/ul	96
71) Pentachlorophenol	17.063	266	293743	43.137	ng/ul	99
72) Phenanthrene	17.451	178	2516974	49.240	ng/ul	99
74) Anthracene	17.545	178	2224590	42.824	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.480	216	579021	38.264	ng/ul	98
76) Pentachlorobenzene	14.986	250	562225	37.507	ng/ul	98
77) Carbazole	17.815	167	1859500	41.317	ng/ul	99
78) Di-n-butylphthalate	18.362	149	2411861	45.085	ng/ul	99
80) Fluoranthene	19.462	202	4305164	93.560	ng/ul#	94
82) Pyrene	19.827	202	3995496	83.431	ng/ul#	93
83) Butylbenzylphthalate	20.703	149	942522	52.928	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.492	252	293970	22.888	ng/ul	98
85) Benzo(a)anthracene	21.562	228	2627700	60.134	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1376315	53.127	ng/ul	100
87) Chrysene	21.621	228	2389265	58.276	ng/ul	98
89) Di-n-octyl phthalate	22.409	149	2065904	50.926	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	2552550	65.034	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1945484	51.145	ng/ul	98
93) Benzo(a)pyrene	23.927	252	1960664	56.806	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.609	276	2214598	49.820	ng/ul	98
95) Dibenzo(a,h)anthracene	26.615	278	1658642	44.261	ng/ul	99
96) Benzo(g,h,i)perylene	27.397	276	1816128	51.172	ng/ul	96

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

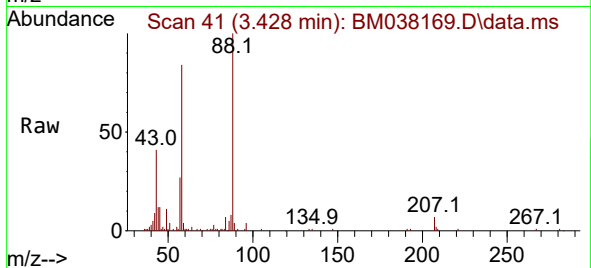
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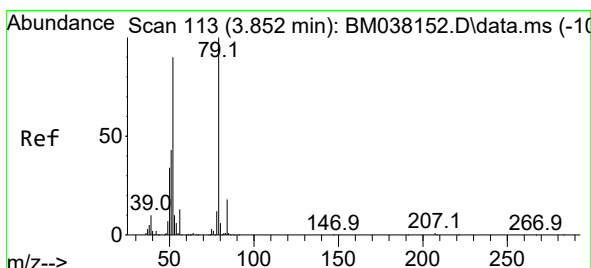
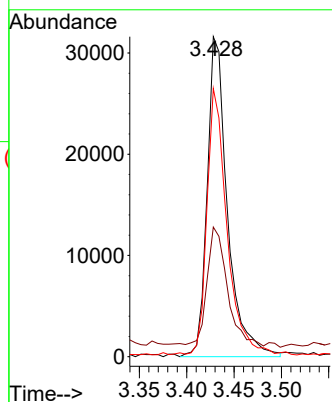
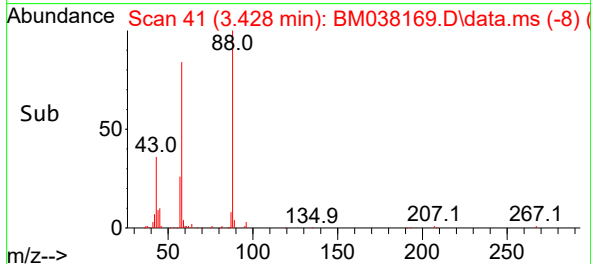


#2
1,4-Dioxane
Concen: 11.669 ng/uL
RT: 3.428 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038169.D
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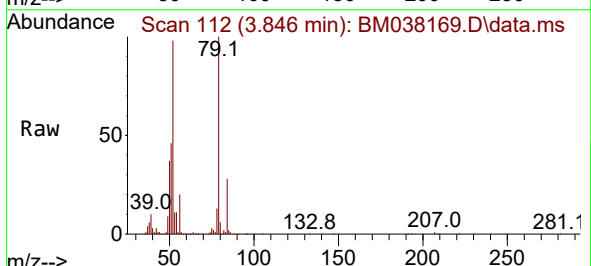
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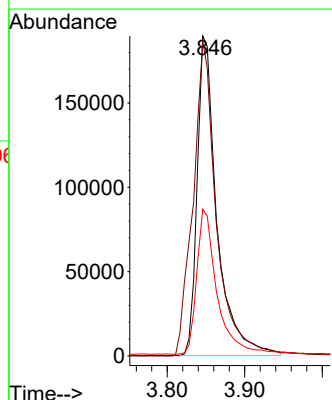
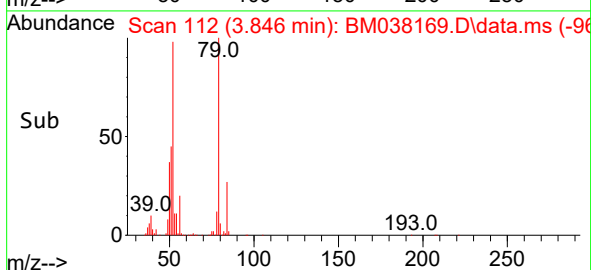
Tgt Ion: 88 Resp: 47096
Ion Ratio Lower Upper
88 100
43 40.5 32.8 49.2
58 83.8 64.6 97.0

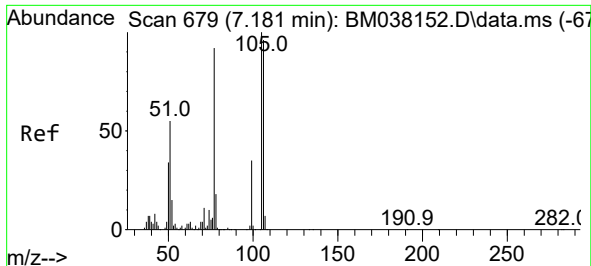


#5
Pyridine
Concen: 29.378 ng/uL
RT: 3.846 min Scan# 112
Delta R.T. -0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23



Tgt Ion: 79 Resp: 336951
Ion Ratio Lower Upper
79 100
52 98.2 78.1 117.1
51 45.8 37.2 55.8

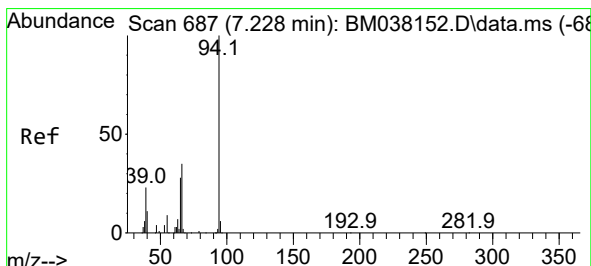
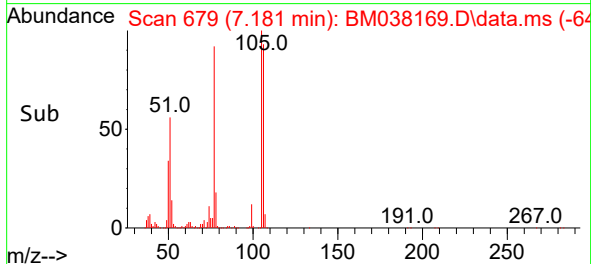
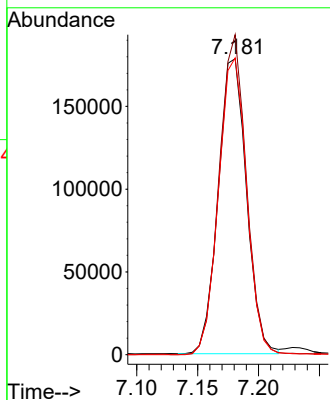
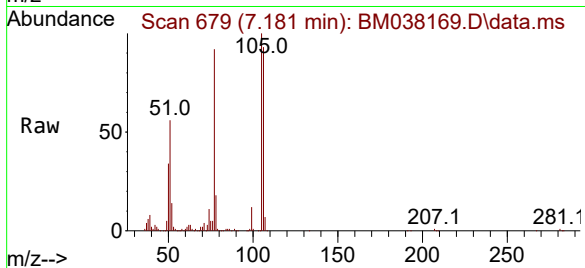




#6
Benzaldehyde
Concen: 54.123 ng/ul
RT: 7.181 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

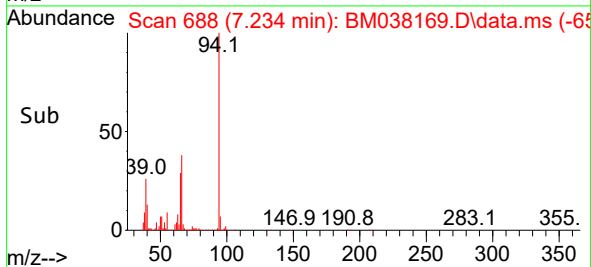
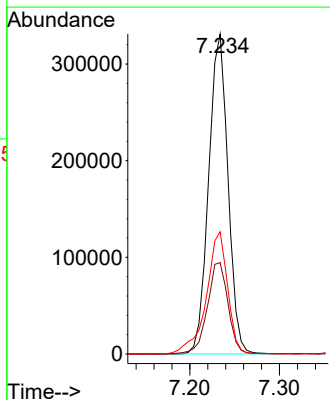
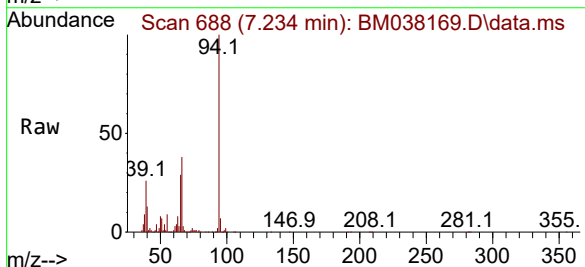
Instrument :
BNA_M
ClientSampleId :

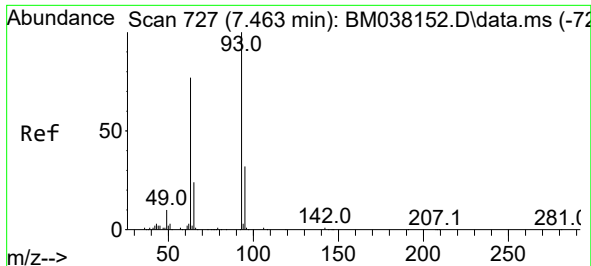
Tgt Ion: 77 Resp: 287353
Ion Ratio Lower Upper
77 100
105 108.1 82.5 123.7
106 100.3 81.8 122.6



#8
Phenol
Concen: 34.810 ng/ul
RT: 7.234 min Scan# 688
Delta R.T. 0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion: 94 Resp: 495588
Ion Ratio Lower Upper
94 100
65 28.6 22.2 33.4
66 38.2 27.3 40.9

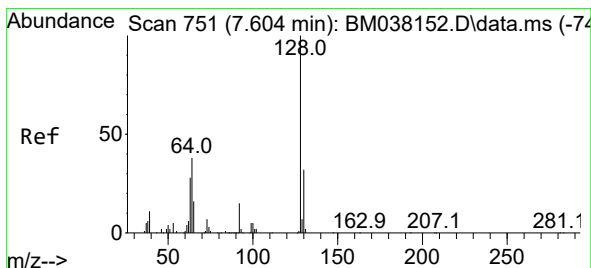
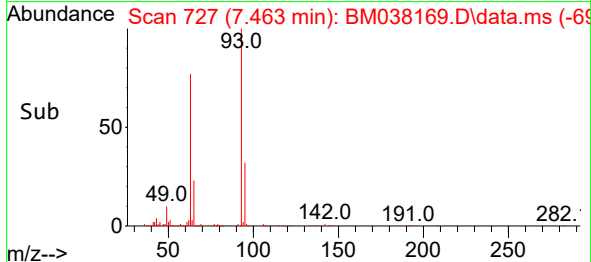
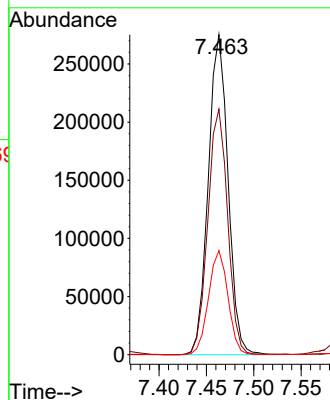
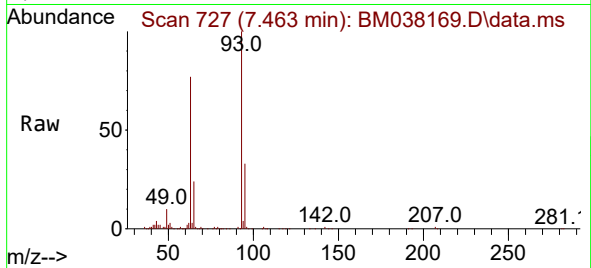




#10
Bis(2-Chloroethyl)ether
Concen: 34.171 ng/ul
RT: 7.463 min Scan# 727
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

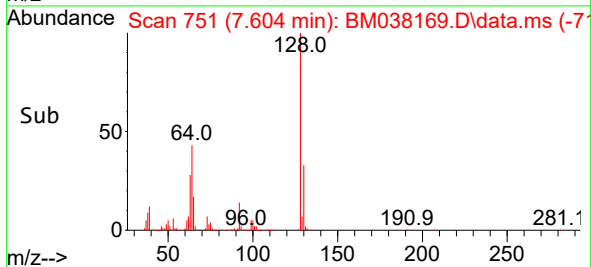
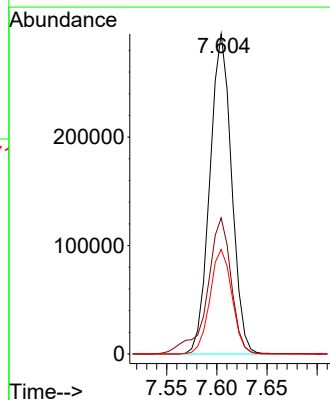
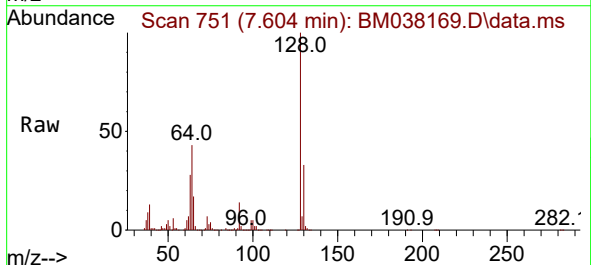
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ClientSampleId :

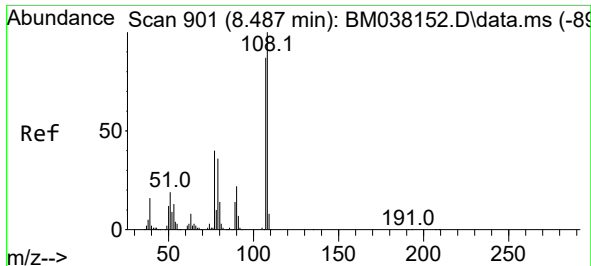
Tgt Ion: 93 Resp: 399474
Ion Ratio Lower Upper
93 100
63 76.7 66.3 99.5
95 32.5 25.7 38.5



#12
2-Chlorophenol
Concen: 37.458 ng/ul
RT: 7.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion: 128 Resp: 446095
Ion Ratio Lower Upper
128 100
64 42.5 35.2 52.8
130 32.7 25.9 38.9

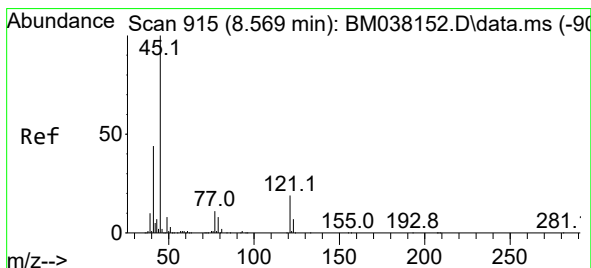
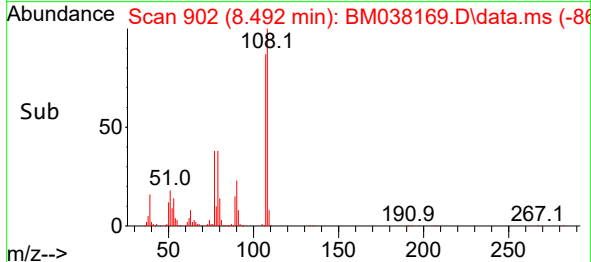
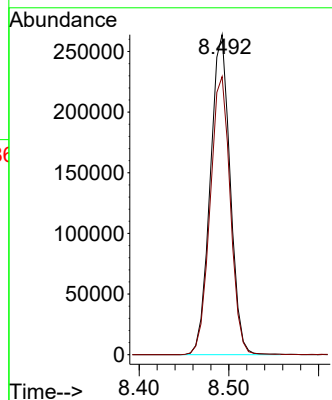
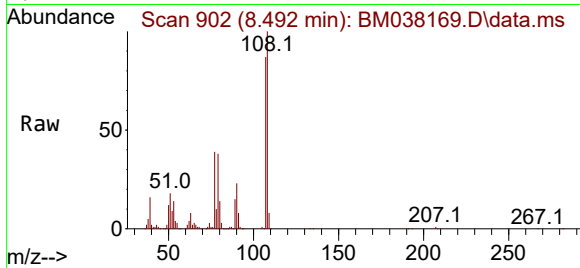




#13
2-Methylphenol
Concen: 37.245 ng/ul
RT: 8.492 min Scan# 901
Delta R.T. 0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

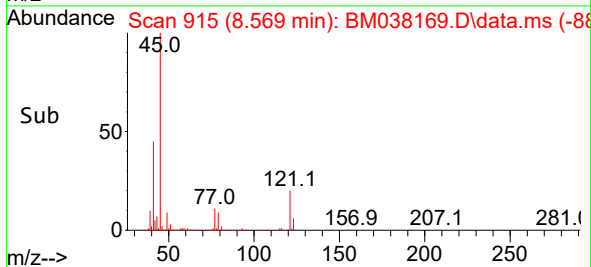
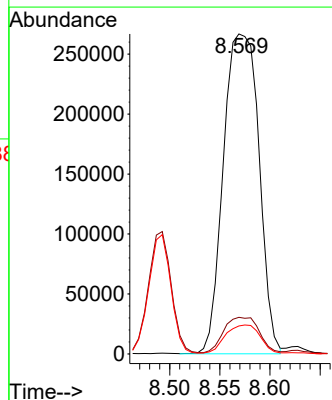
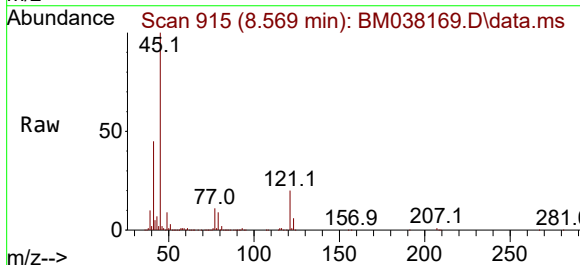
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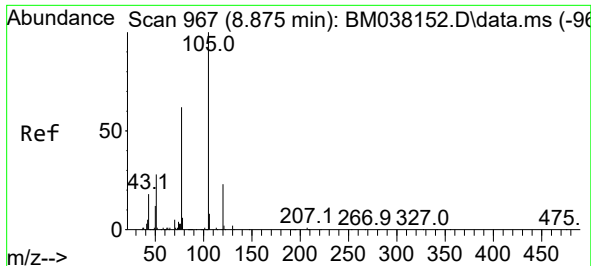
Tgt Ion:108 Resp: 405773
Ion Ratio Lower Upper
108 100
107 86.9 71.9 107.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.149 ng/ul
RT: 8.569 min Scan# 915
Delta R.T. -0.012 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion: 45 Resp: 657544
Ion Ratio Lower Upper
45 100
77 11.5 9.0 13.4
79 8.8 6.2 9.4

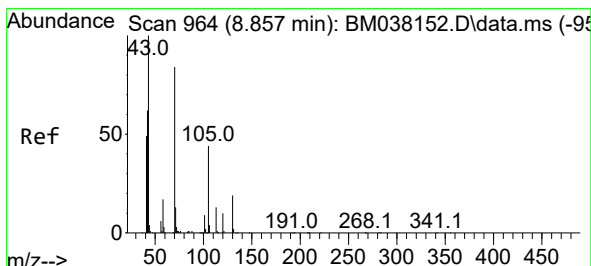
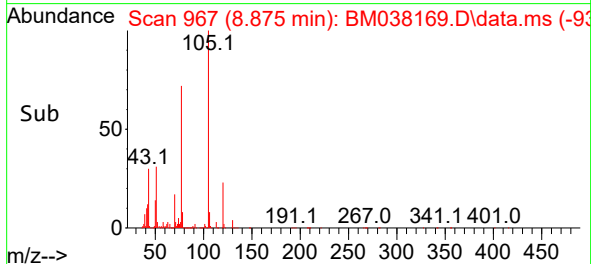
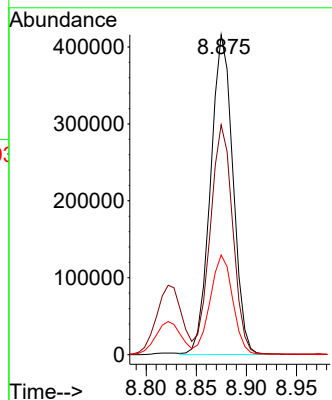
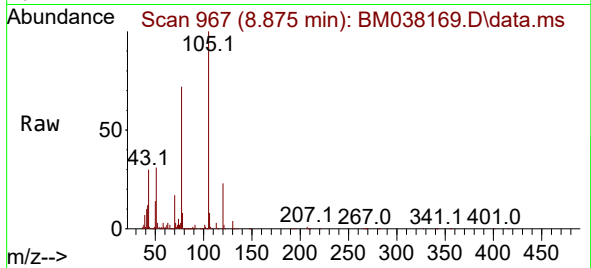




#16
Acetophenone
Concen: 37.126 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. 0.000 min
Lab File: BM038169.D
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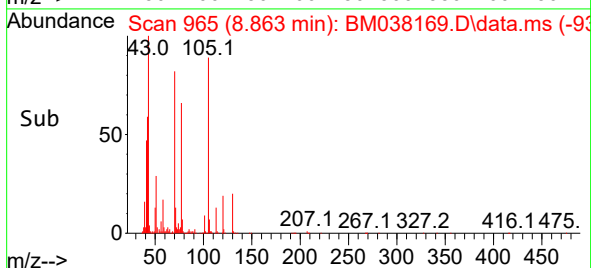
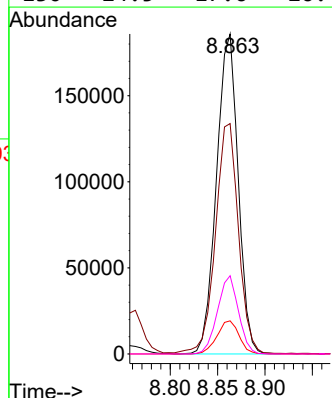
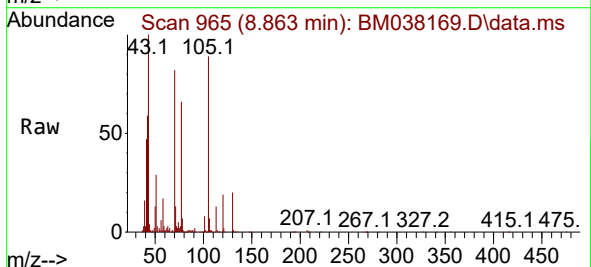
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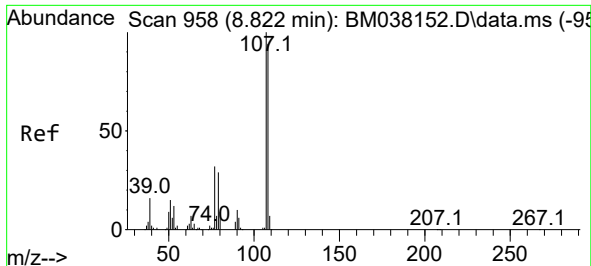
Tgt Ion:105 Resp: 646986
Ion Ratio Lower Upper
105 100
77 71.9 59.7 89.5
51 31.1 27.2 40.8



#17
N-Nitroso-di-n-propylamine
Concen: 36.038 ng/ul
RT: 8.863 min Scan# 965
Delta R.T. 0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion: 70 Resp: 295855
Ion Ratio Lower Upper
70 100
42 72.0 62.3 93.5
101 10.4 8.0 12.0
130 24.5 17.6 26.4

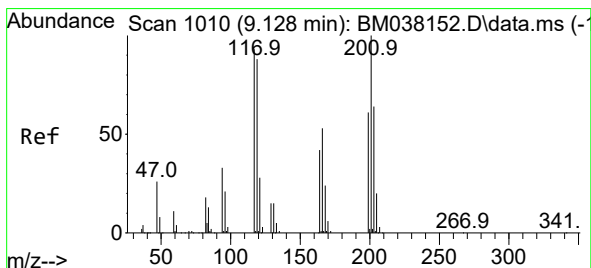
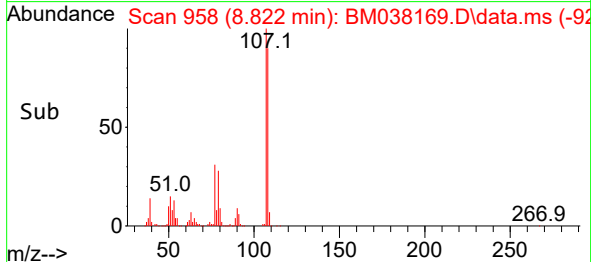
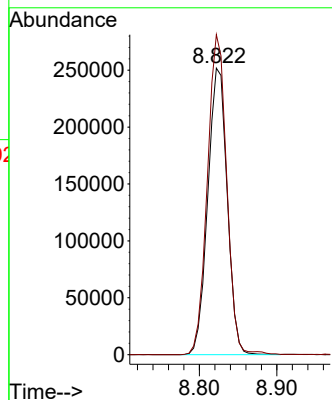
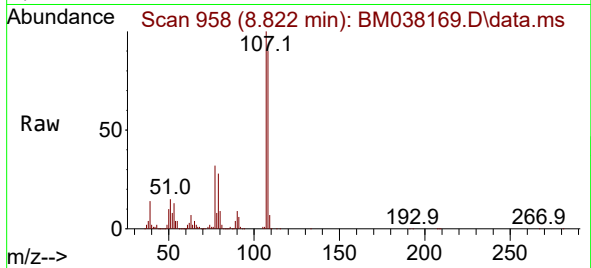




#18
4-Methylphenol
Concen: 37.268 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

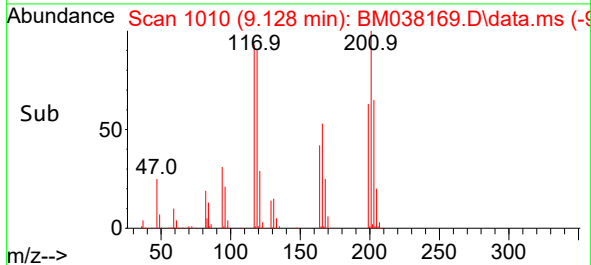
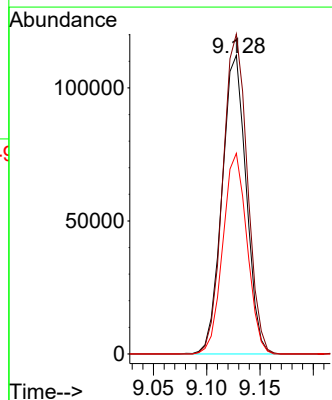
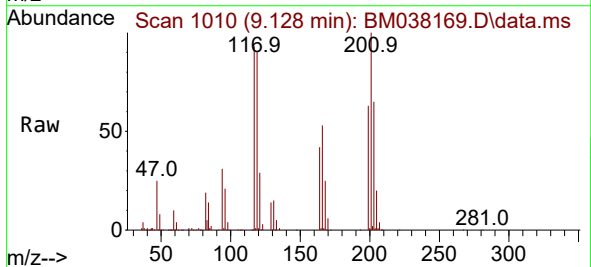
Instrument :
BNA_M
ClientSampleId :

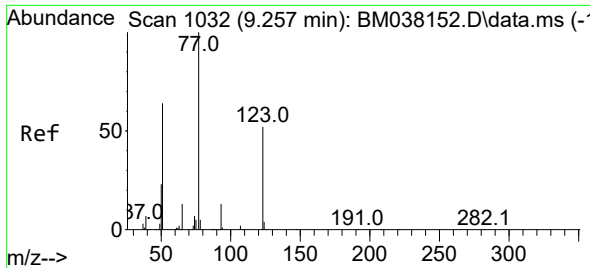
Tgt Ion:108 Resp: 439227
Ion Ratio Lower Upper
108 100
107 111.6 88.1 132.1



#19
Hexachloroethane
Concen: 37.179 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:117 Resp: 177013
Ion Ratio Lower Upper
117 100
201 107.1 87.3 130.9
199 67.2 50.9 76.3

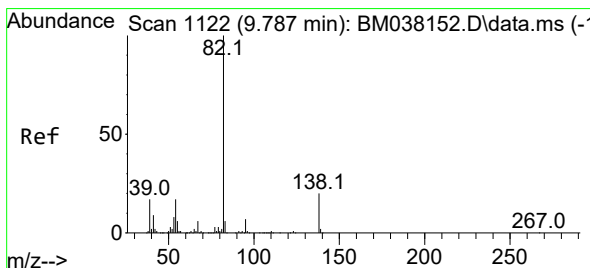
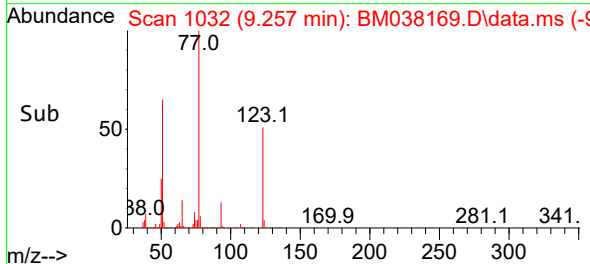
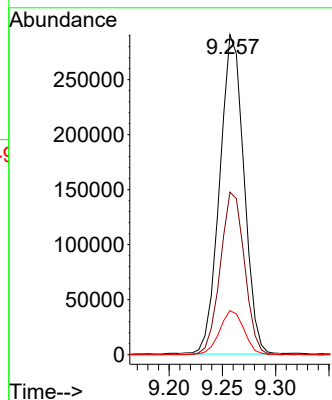
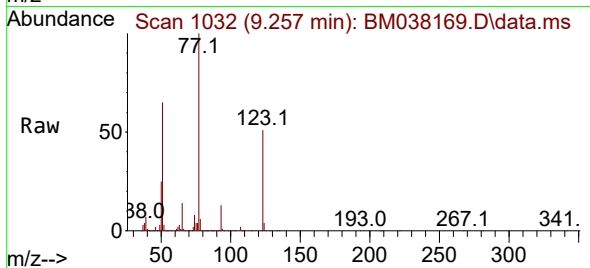




#22
Nitrobenzene
Concen: 36.517 ng/ul
RT: 9.257 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

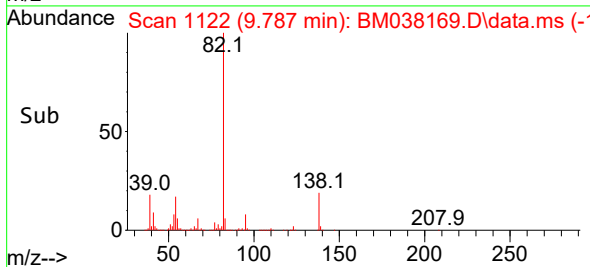
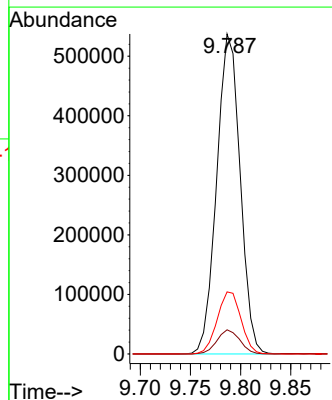
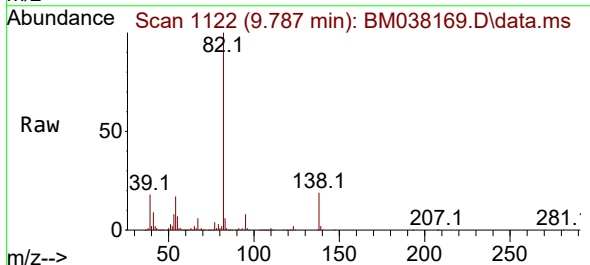
Instrument :
BNA_M
ClientSampleId :

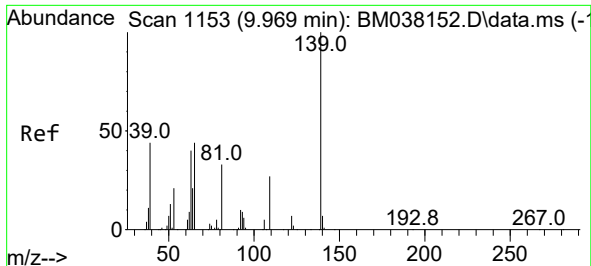
Tgt Ion: 77 Resp: 459603
Ion Ratio Lower Upper
77 100
123 50.8 37.8 56.6
65 13.7 11.1 16.7



#23
Isophorone
Concen: 37.793 ng/ul
RT: 9.787 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion: 82 Resp: 871649
Ion Ratio Lower Upper
82 100
95 7.5 5.2 7.8
138 19.4 14.9 22.3

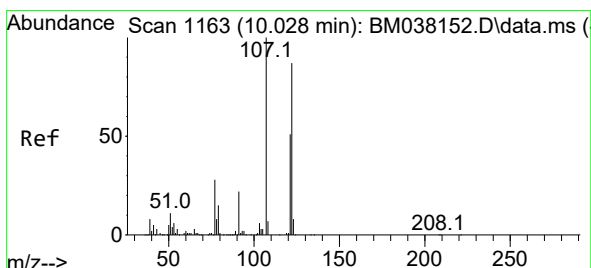
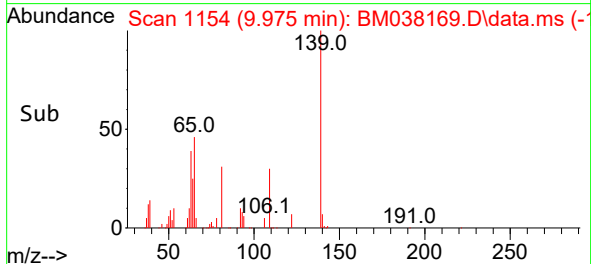
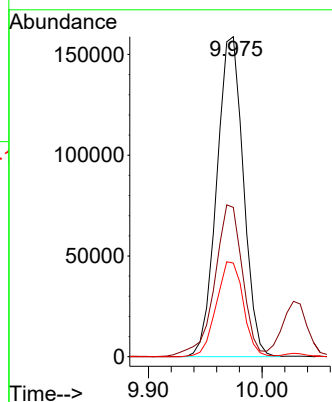
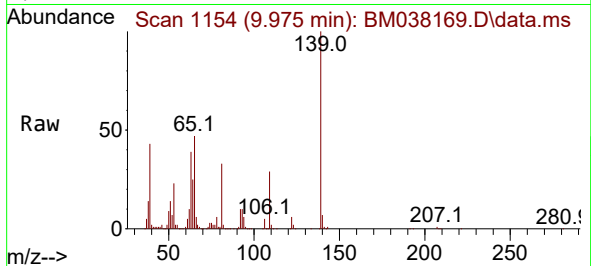




#25
2-Nitrophenol
Concen: 40.340 ng/ul
RT: 9.975 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

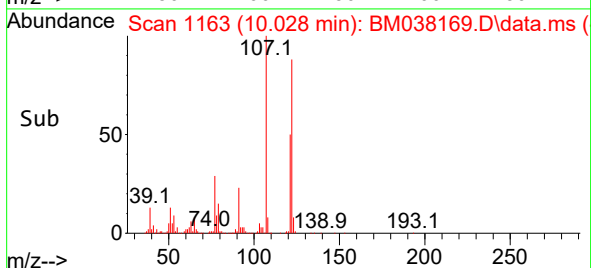
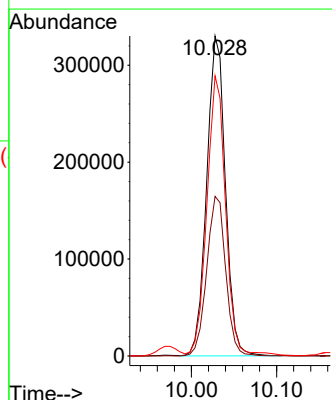
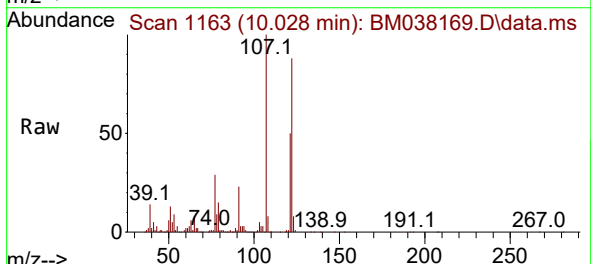
Instrument :
BNA_M
ClientSampleId :

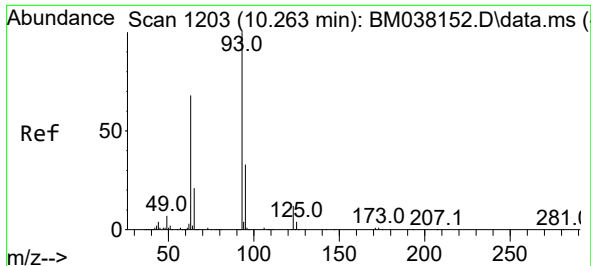
Tgt Ion:139 Resp: 259249
Ion Ratio Lower Upper
139 100
65 46.6 36.2 54.4
109 29.2 19.7 29.5



#26
2,4-Dimethylphenol
Concen: 40.588 ng/ul
RT: 10.028 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:107 Resp: 504420
Ion Ratio Lower Upper
107 100
121 49.9 42.0 63.0
122 87.6 71.4 107.2

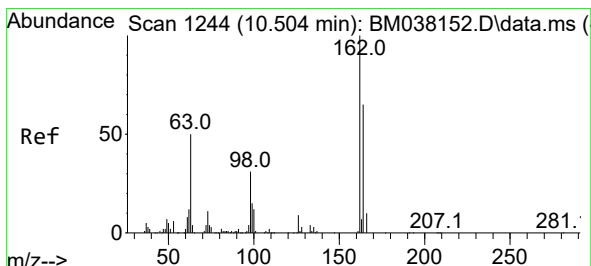
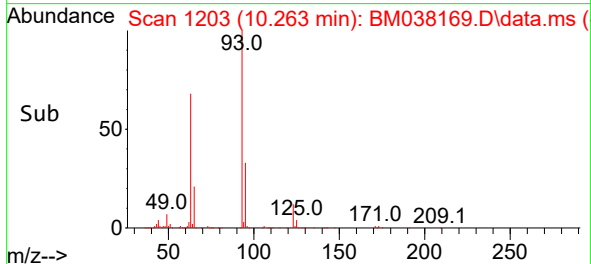
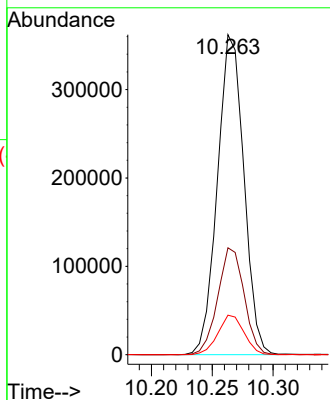
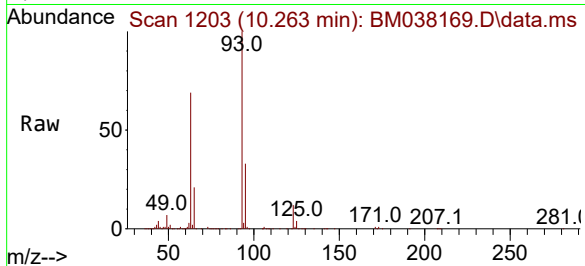




#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.717 ng/ul
 RT: 10.263 min Scan# 1203
 Delta R.T. -0.000 min
 Lab File: BM038169.D
 Acq: 21 Dec 2022 13:23

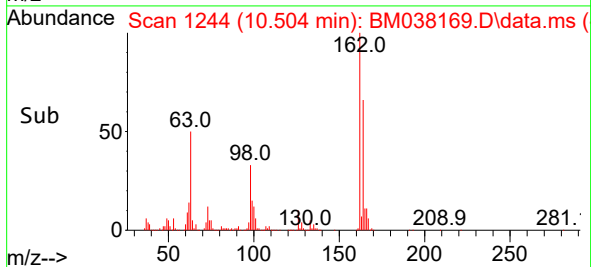
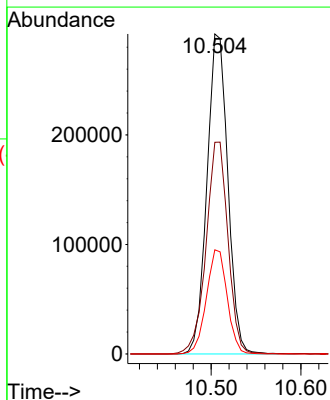
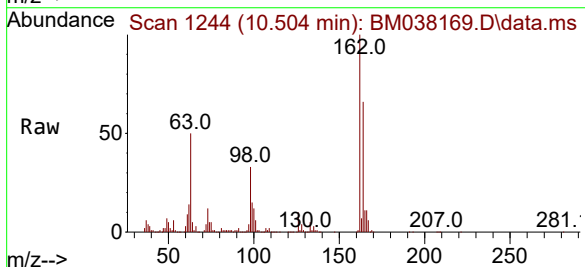
Instrument :
 BNA_M
 ClientSampleId :

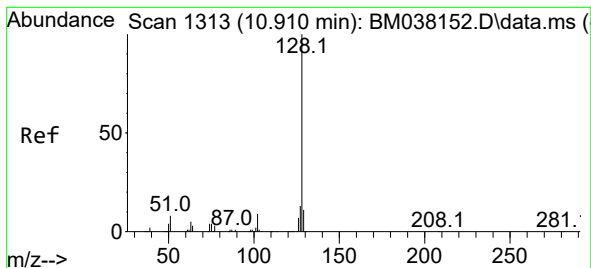
Tgt Ion: 93 Resp: 547593
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.5 38.3
 123 12.4 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 41.248 ng/ul
 RT: 10.504 min Scan# 1244
 Delta R.T. -0.000 min
 Lab File: BM038169.D
 Acq: 21 Dec 2022 13:23

Tgt Ion:162 Resp: 471197
 Ion Ratio Lower Upper
 162 100
 164 66.2 51.4 77.2
 98 32.5 26.1 39.1

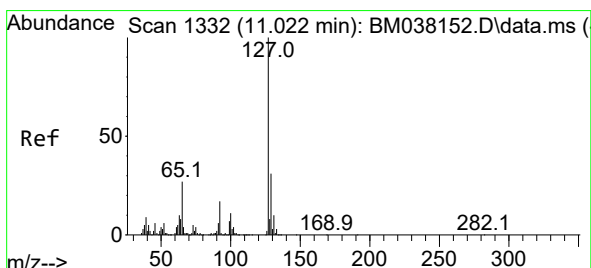
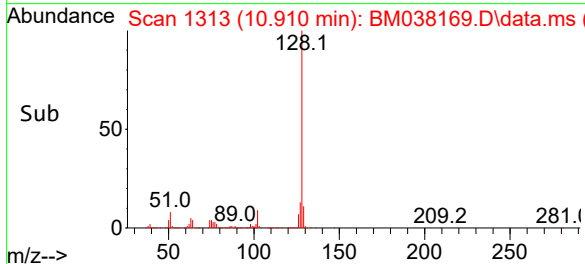
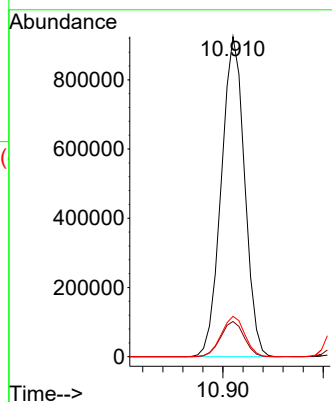
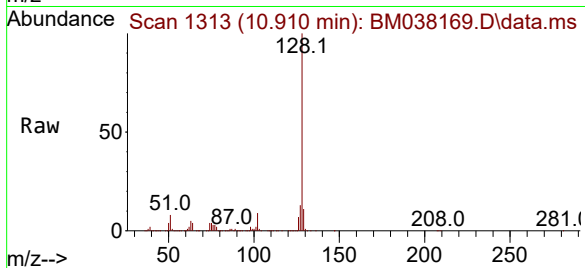




#30
Naphthalene
Concen: 37.348 ng/ul
RT: 10.910 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

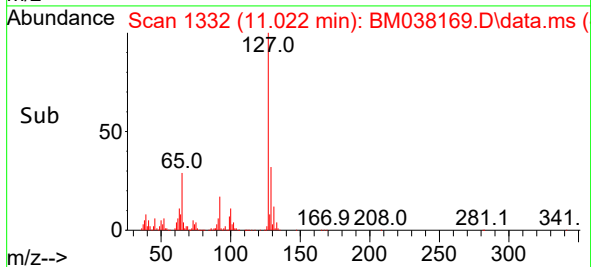
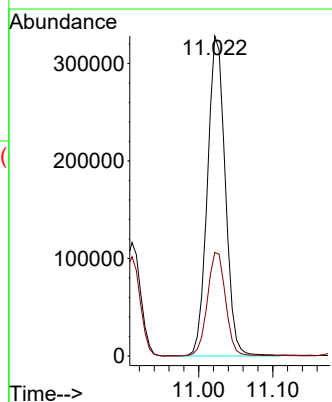
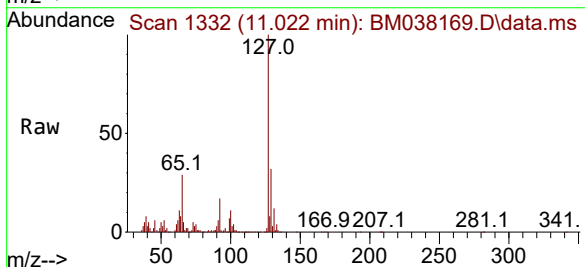
Instrument :
BNA_M
ClientSampleId :

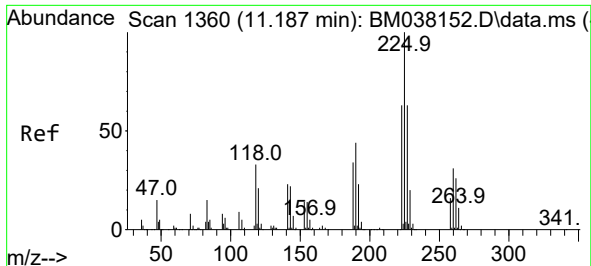
Tgt Ion:128 Resp: 1489018
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.6 10.4 15.6



#32
4-Chloroaniline
Concen: 34.210 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:127 Resp: 548297
Ion Ratio Lower Upper
127 100
129 32.4 25.3 37.9

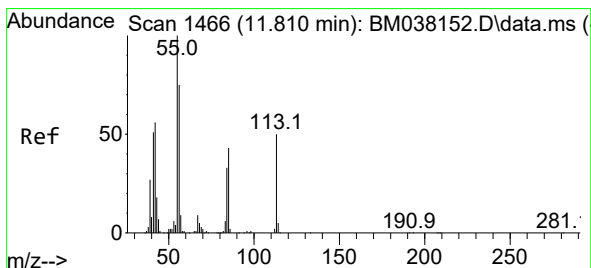
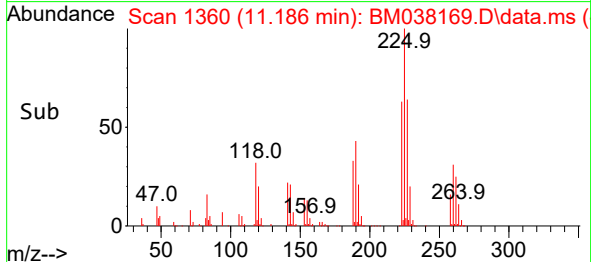
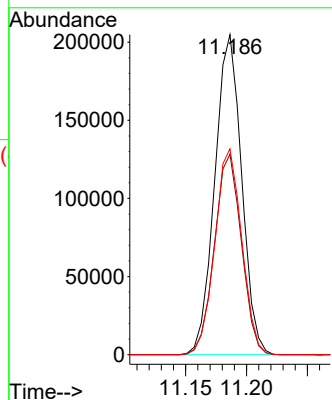
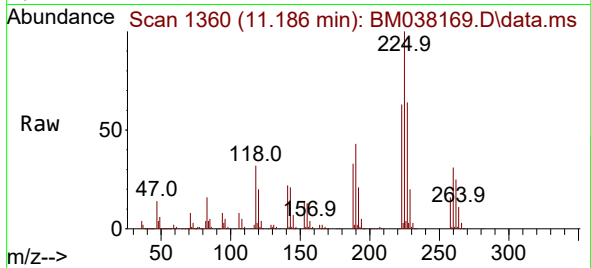




#33
Hexachlorobutadiene
Concen: 41.817 ng/ul
RT: 11.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

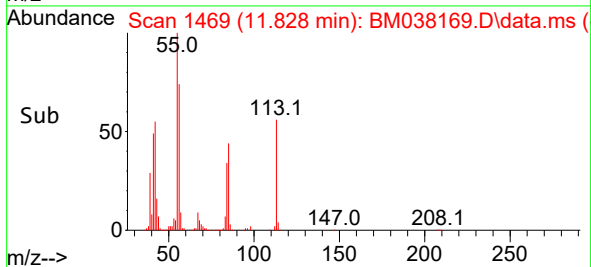
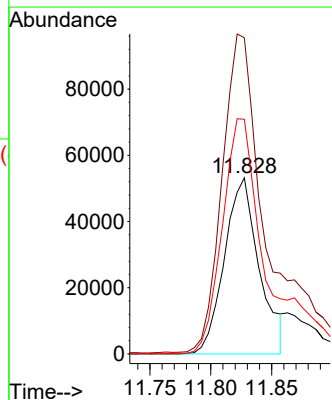
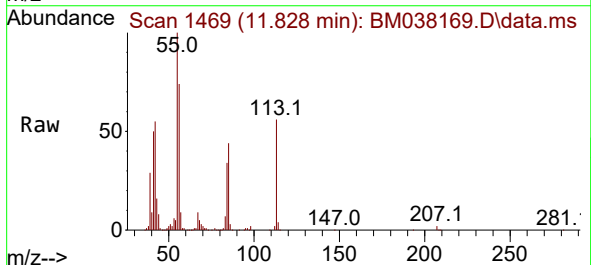
Instrument :
BNA_M
ClientSampleId :

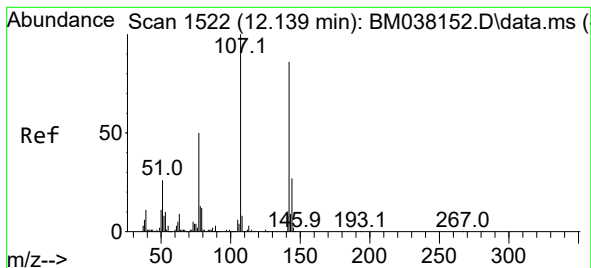
Tgt Ion:225 Resp: 314250
Ion Ratio Lower Upper
225 100
223 62.6 50.8 76.2
227 64.3 50.5 75.7



#34
Caprolactam
Concen: 36.102 ng/ul
RT: 11.828 min Scan# 1469
Delta R.T. 0.018 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:113 Resp: 105789
Ion Ratio Lower Upper
113 100
55 179.5 172.2 258.2
56 133.2 120.7 181.1

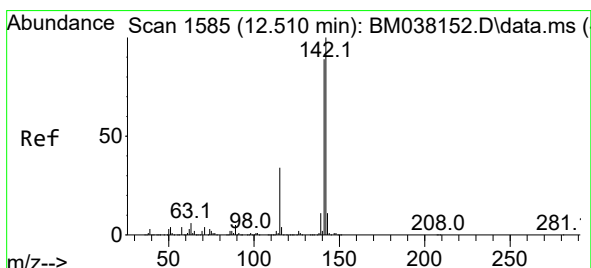
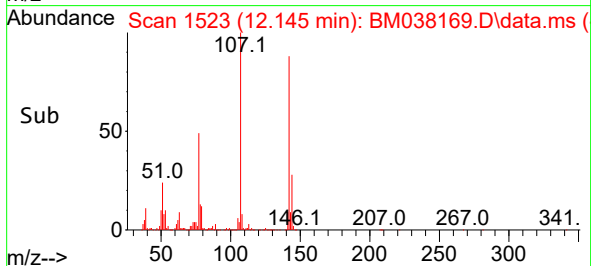
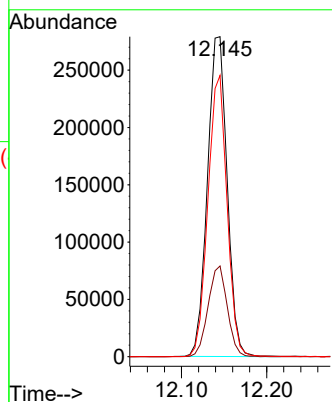
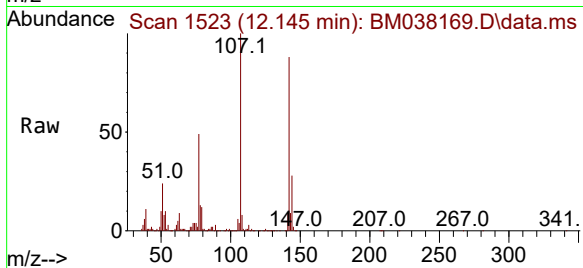




#35
4-Chloro-3-methylphenol
Concen: 43.094 ng/ul
RT: 12.145 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

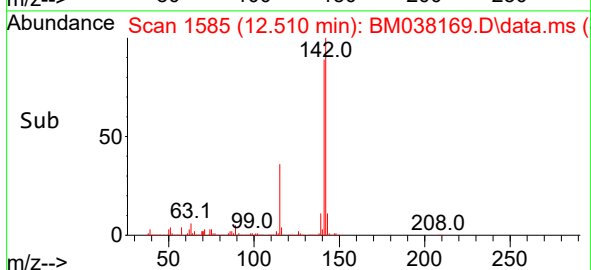
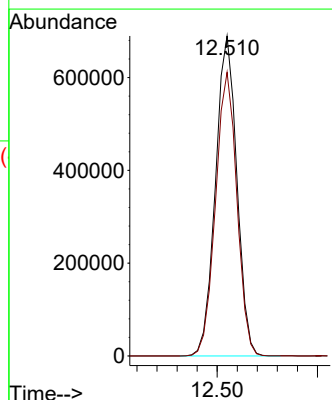
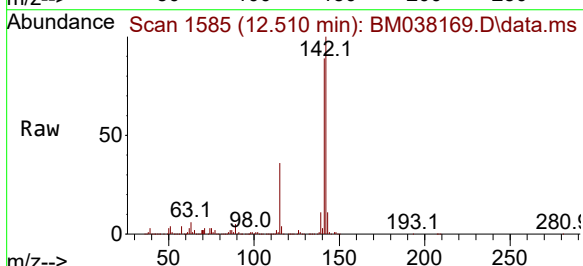
Instrument :
BNA_M
ClientSampleId :

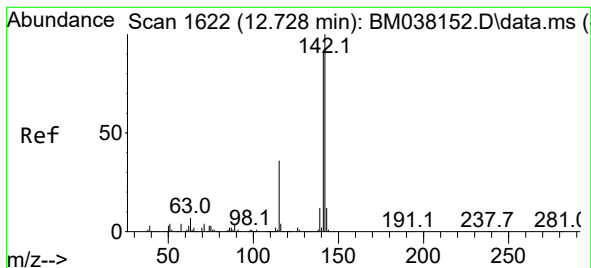
Tgt Ion:107 Resp: 448093
Ion Ratio Lower Upper
107 100
144 28.4 23.4 35.0
142 87.9 71.0 106.4



#36
2-Methylnaphthalene
Concen: 39.381 ng/ul
RT: 12.510 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:142 Resp: 1018358
Ion Ratio Lower Upper
142 100
141 88.7 69.4 104.0





#37

1-Methylnaphthalene

Concen: 38.559 ng/ul

RT: 12.727 min Scan# 1

Delta R.T. -0.000 min

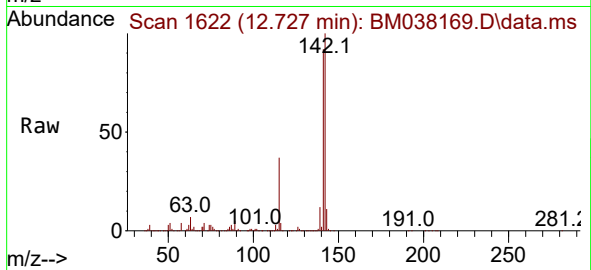
Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :



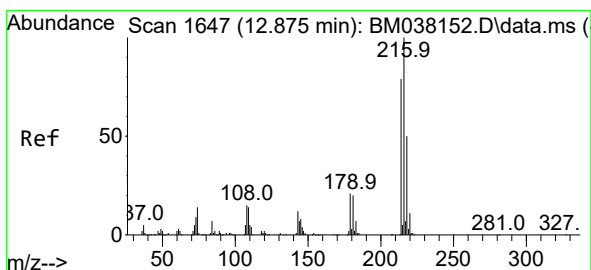
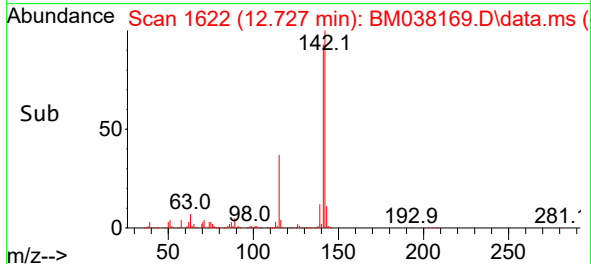
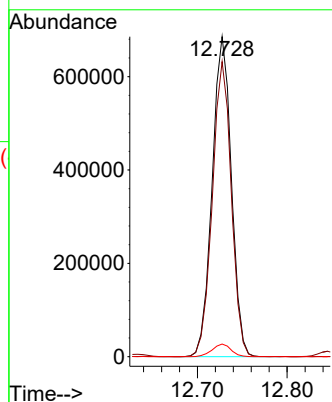
Tgt Ion:142 Resp: 1019560

Ion Ratio Lower Upper

142 100

141 92.2 72.4 108.6

116 3.9 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.573 ng/ul

RT: 12.875 min Scan# 1647

Delta R.T. -0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Tgt Ion:216 Resp: 572528

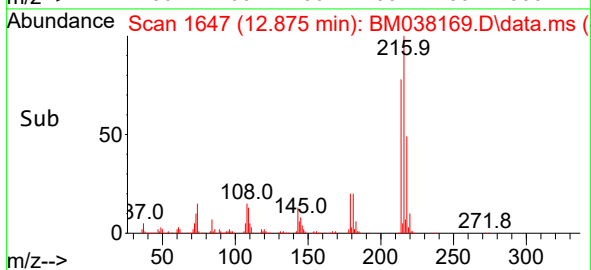
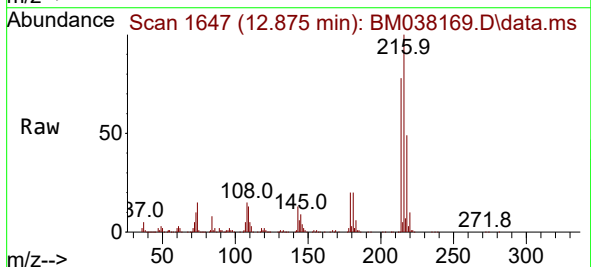
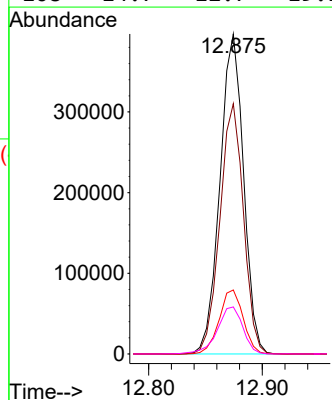
Ion Ratio Lower Upper

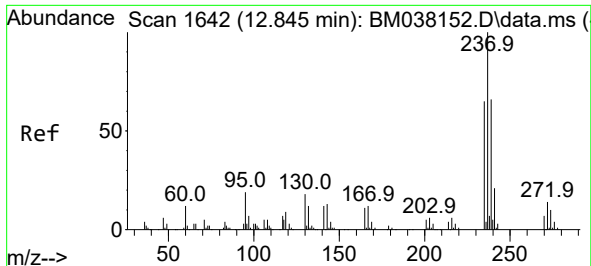
216 100

214 78.2 64.2 96.4

179 20.0 15.4 23.2

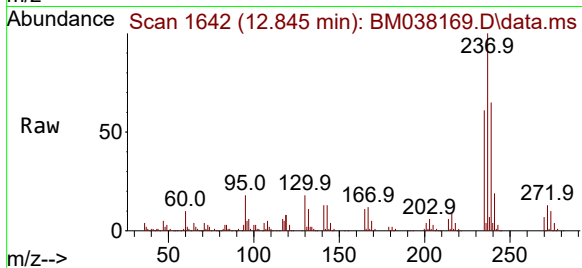
108 14.7 12.7 19.1



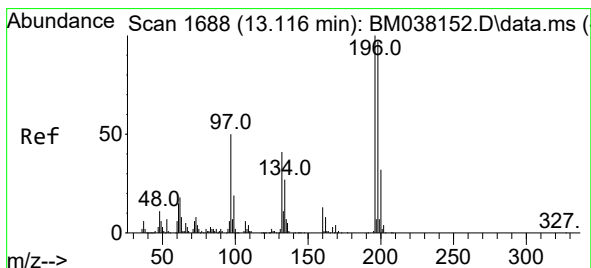
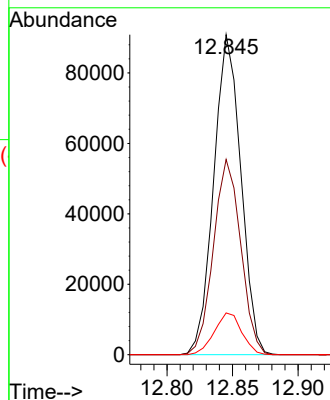
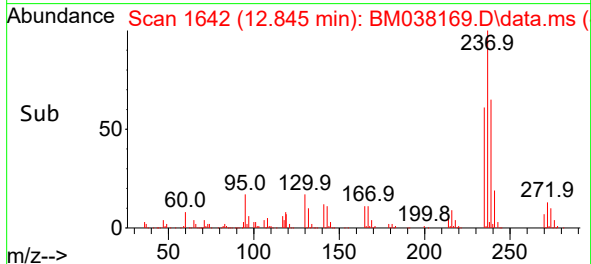


#40
Hexachlorocyclopentadiene
Concen: 15.414 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

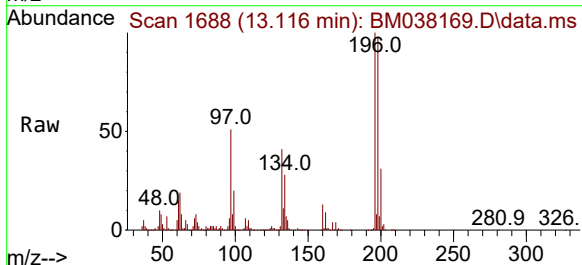
Instrument :
BNA_M
ClientSampleId :



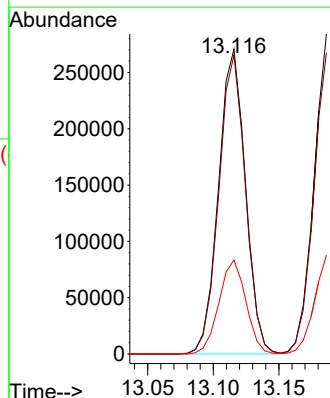
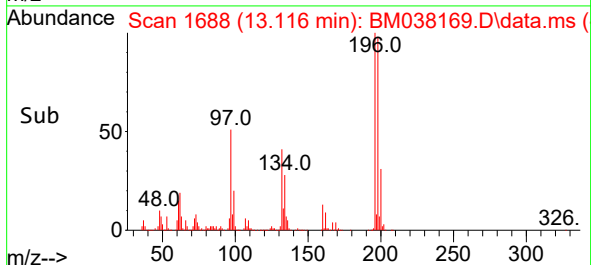
Tgt Ion:237 Resp: 130873
Ion Ratio Lower Upper
237 100
235 61.0 50.4 75.6
272 13.1 10.6 16.0

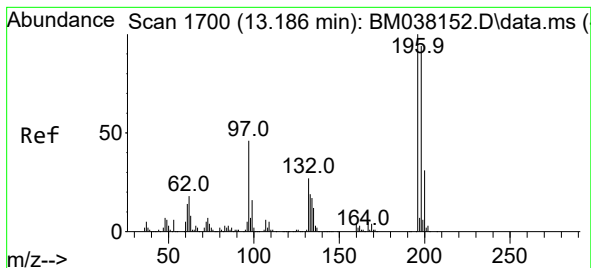


#41
2,4,6-Trichlorophenol
Concen: 42.767 ng/ul
RT: 13.116 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23



Tgt Ion:196 Resp: 386653
Ion Ratio Lower Upper
196 100
198 98.1 75.0 112.6
200 30.8 24.5 36.7





#42

2,4,5-Trichlorophenol

Concen: 44.067 ng/ul

RT: 13.186 min Scan# 1

Delta R.T. -0.000 min

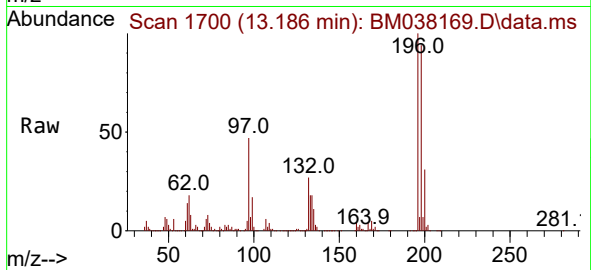
Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :



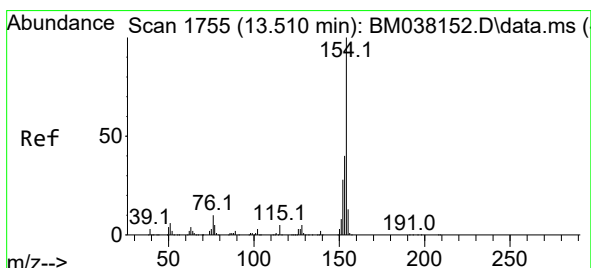
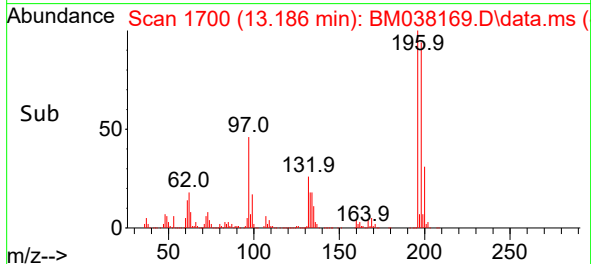
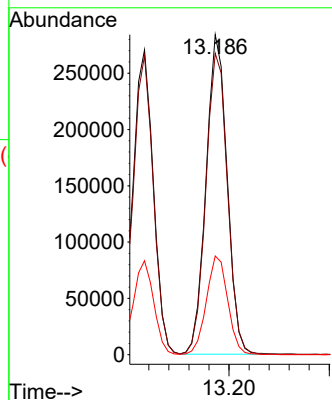
Tgt Ion:196 Resp: 415507

Ion Ratio Lower Upper

196 100

198 94.1 76.5 114.7

200 30.8 24.9 37.3



#43

1,1'-Biphenyl

Concen: 37.518 ng/ul

RT: 13.510 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

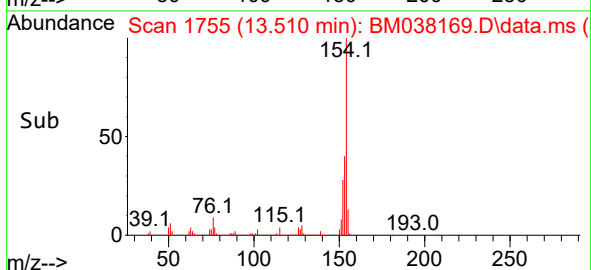
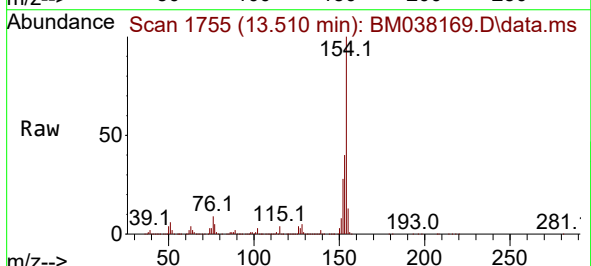
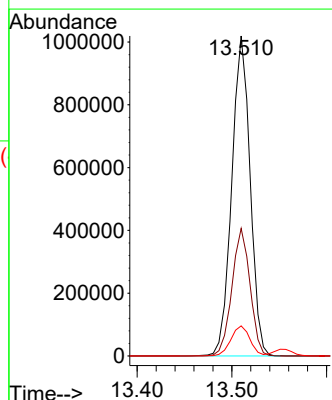
Tgt Ion:154 Resp: 1369950

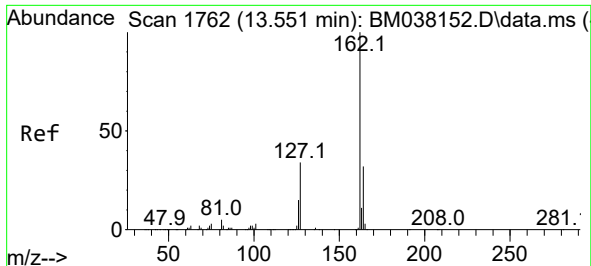
Ion Ratio Lower Upper

154 100

153 39.9 31.2 46.8

76 9.4 9.3 13.9

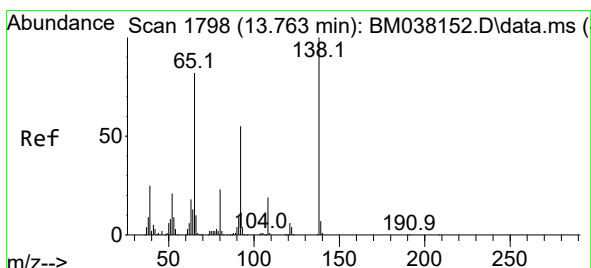
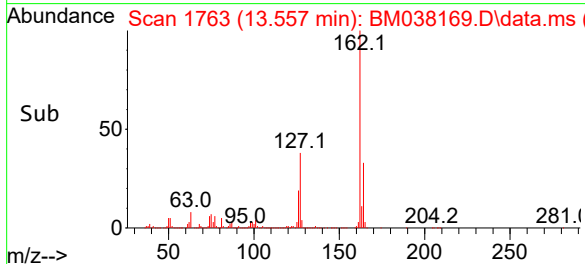
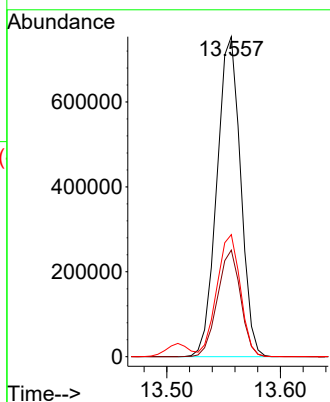
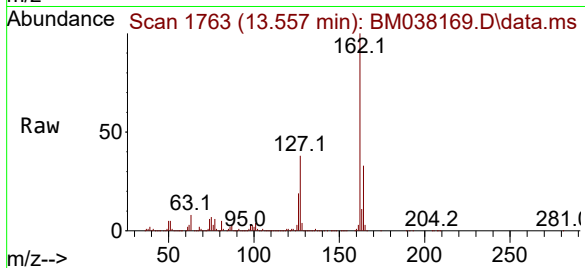




#44
2-Chloronaphthalene
Concen: 38.821 ng/ul
RT: 13.557 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

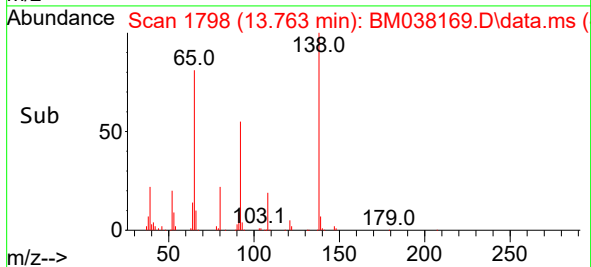
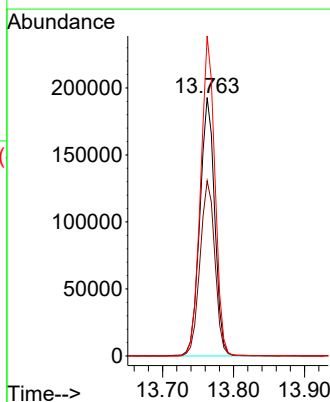
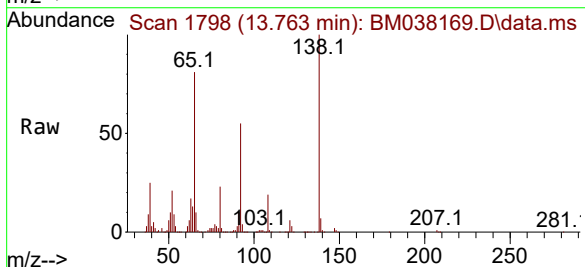
Instrument :
BNA_M
ClientSampleId :

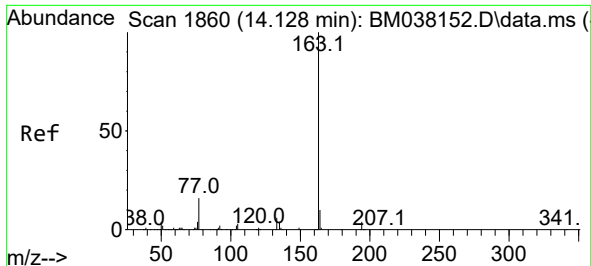
Tgt Ion:162 Resp: 1093519
Ion Ratio Lower Upper
162 100
164 33.3 27.3 40.9
127 38.1 29.4 44.0



#45
2-Nitroaniline
Concen: 41.369 ng/ul
RT: 13.763 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion: 65 Resp: 280778
Ion Ratio Lower Upper
65 100
92 67.8 53.5 80.3
138 123.8 91.3 136.9

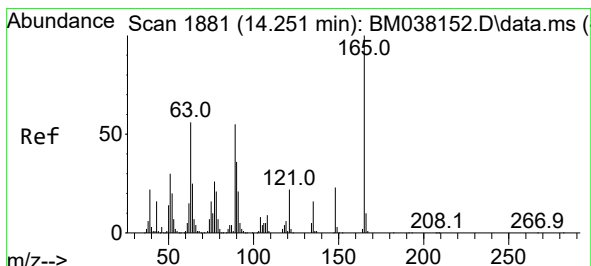
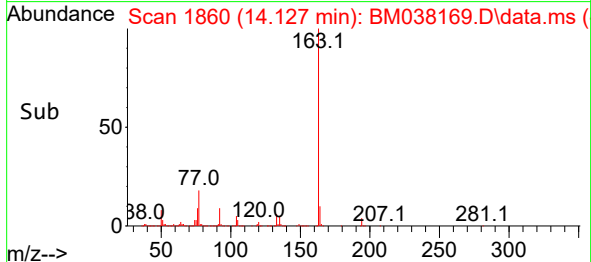
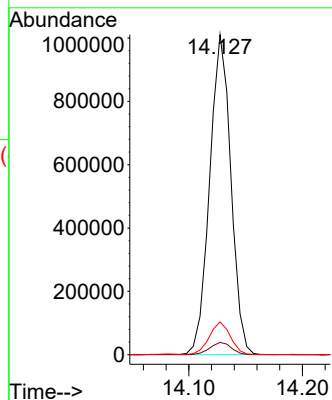
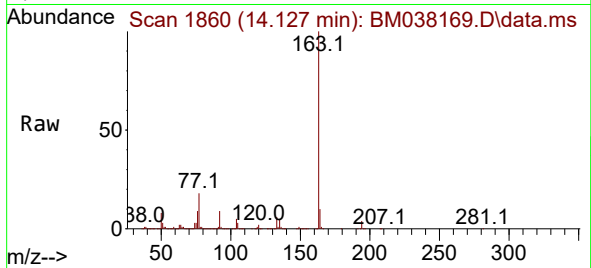




#47
Dimethylphthalate
Concen: 41.008 ng/ul
RT: 14.127 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

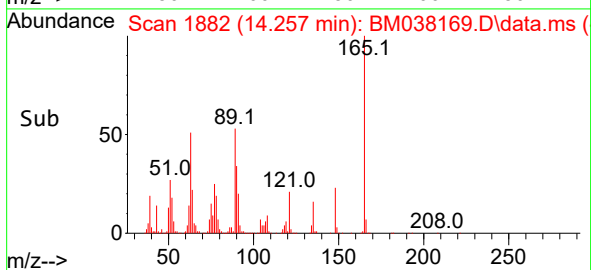
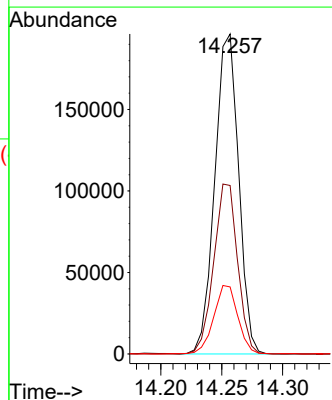
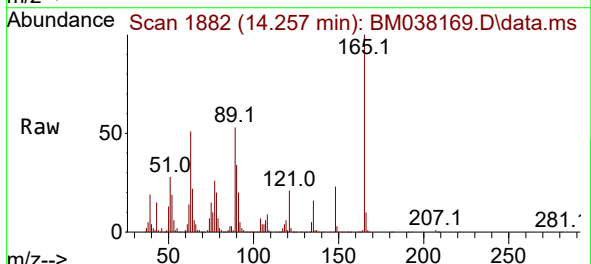
Instrument :
BNA_M
ClientSampleId :

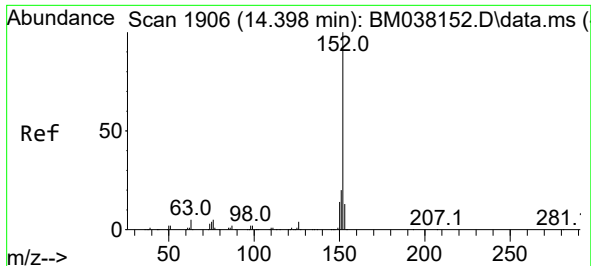
Tgt Ion:163 Resp: 1310320
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 43.118 ng/ul
RT: 14.257 min Scan# 1882
Delta R.T. 0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:165 Resp: 267615
Ion Ratio Lower Upper
165 100
89 52.7 41.1 61.7
121 20.9 17.4 26.2

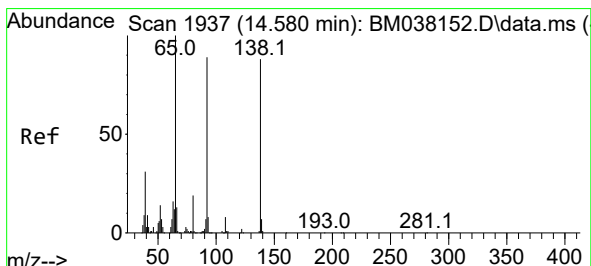
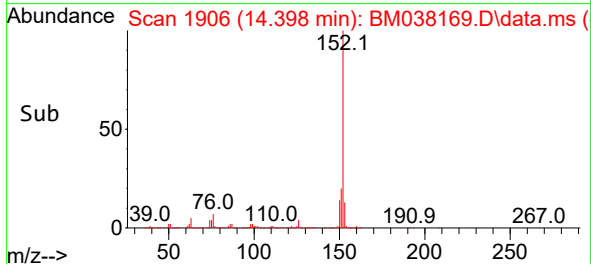
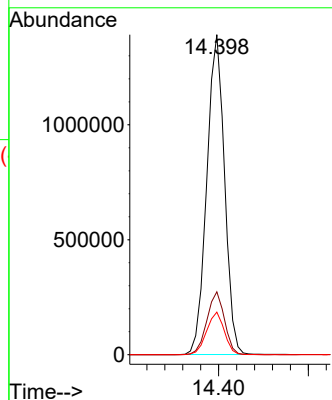
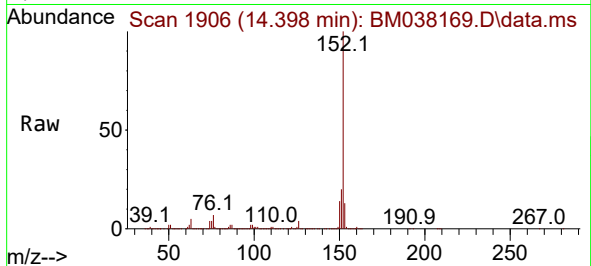




#50
Acenaphthylene
Concen: 43.935 ng/ul
RT: 14.398 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

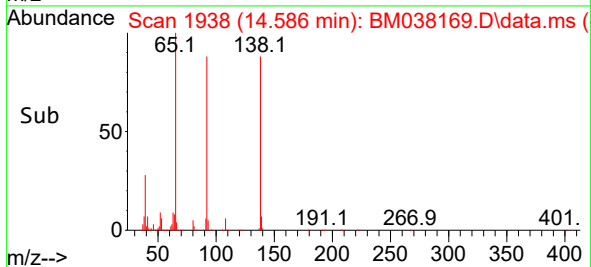
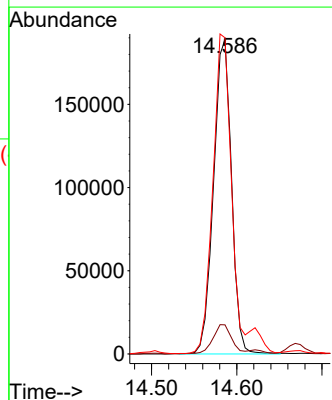
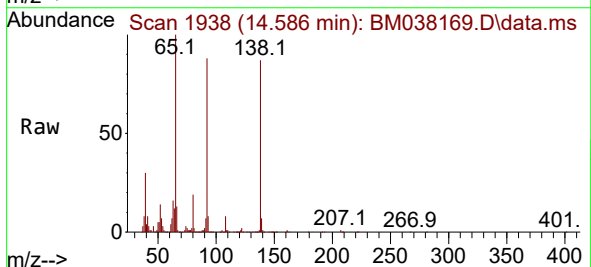
Instrument :
BNA_M
ClientSampleId :

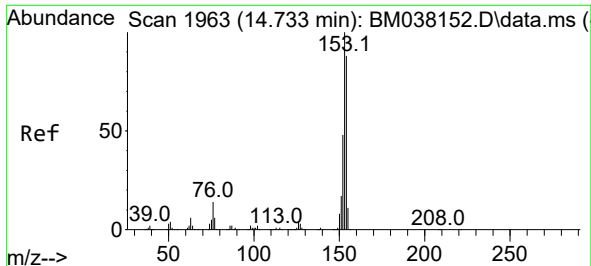
Tgt Ion:152 Resp: 1912222
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9
153 13.3 10.2 15.4



#51
3-Nitroaniline
Concen: 44.583 ng/ul
RT: 14.586 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:138 Resp: 276073
Ion Ratio Lower Upper
138 100
108 9.3 7.9 11.9
92 100.5 83.4 125.0

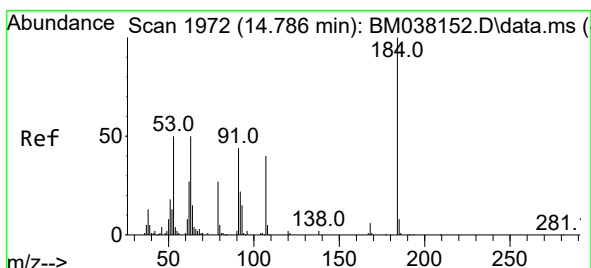
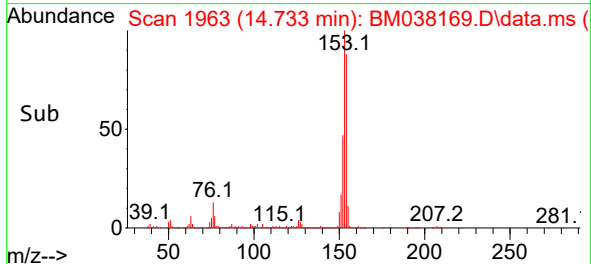
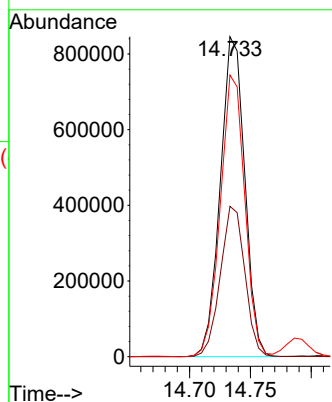
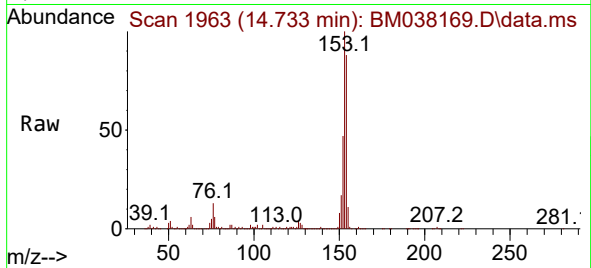




#52
Acenaphthene
Concen: 39.305 ng/ul
RT: 14.733 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

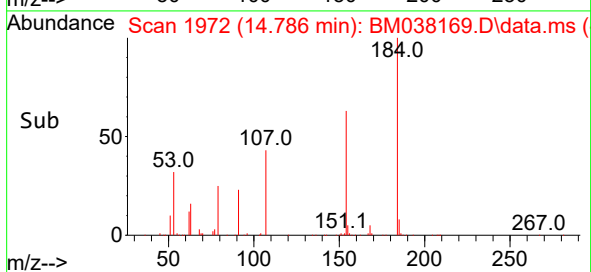
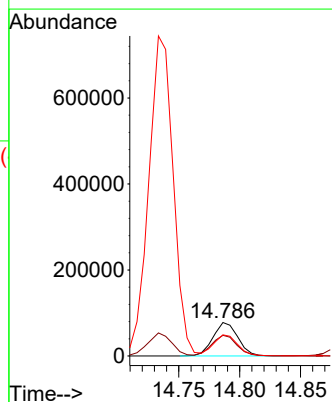
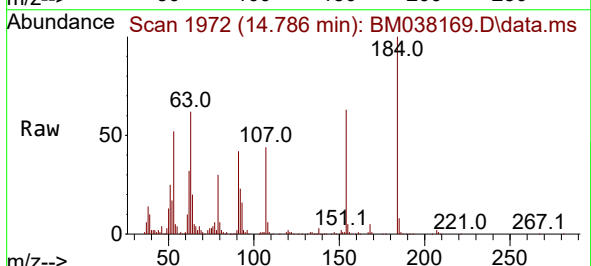
Instrument :
BNA_M
ClientSampleId :

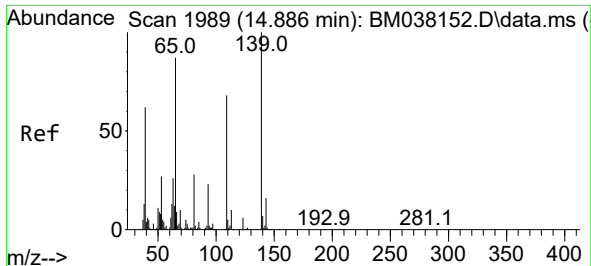
Tgt Ion:153 Resp: 1183248
Ion Ratio Lower Upper
153 100
152 47.0 38.2 57.4
154 88.0 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 36.383 ng/ul
RT: 14.786 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:184 Resp: 110807
Ion Ratio Lower Upper
184 100
63 61.5 46.2 69.4
154 63.1 45.5 68.3

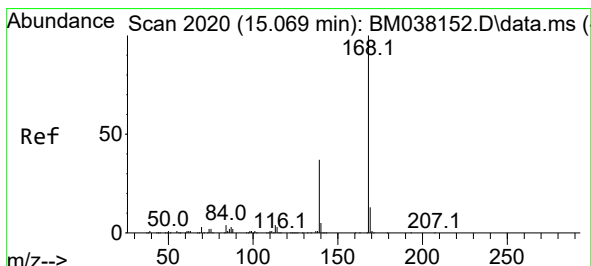
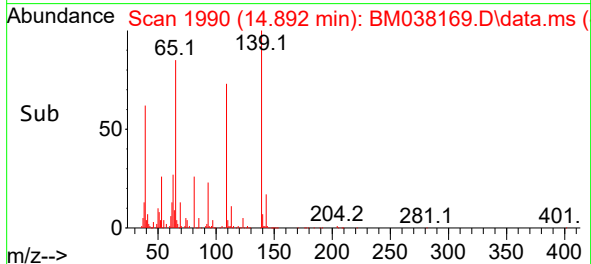
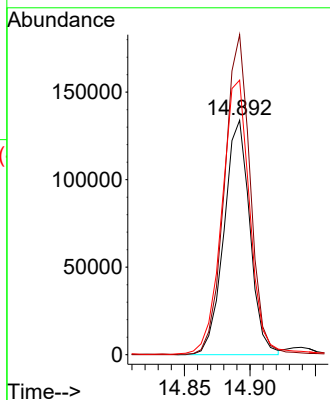
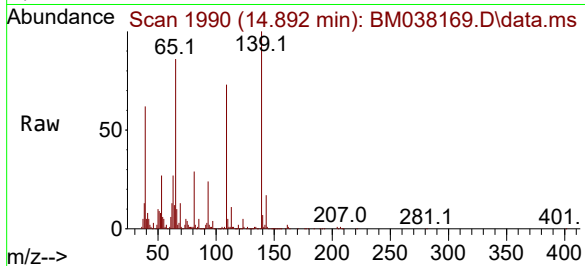




#55
4-Nitrophenol
Concen: 50.485 ng/ul
RT: 14.892 min Scan# 1989
Delta R.T. 0.012 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

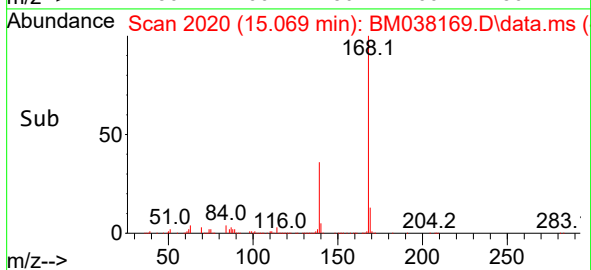
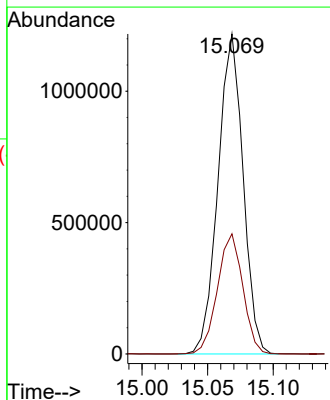
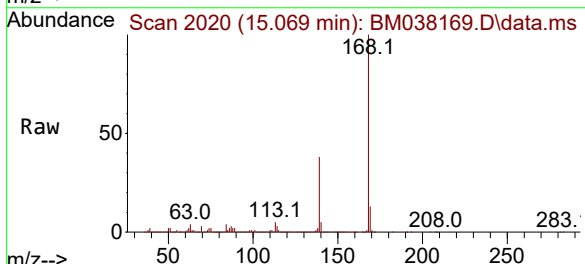
Instrument :
BNA_M
ClientSampleId :

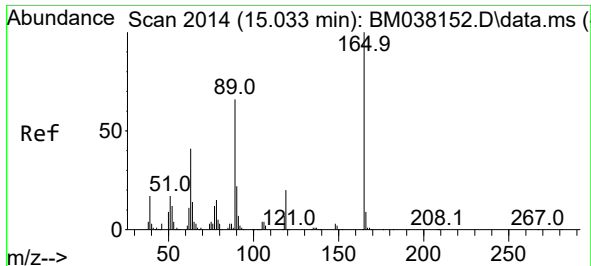
Tgt Ion:109 Resp: 183761
Ion Ratio Lower Upper
109 100
139 136.5 119.2 178.8
65 117.1 108.7 163.1



#56
Dibenzofuran
Concen: 39.311 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:168 Resp: 1615696
Ion Ratio Lower Upper
168 100
139 37.5 28.1 42.1





#57

2,4-Dinitrotoluene

Concen: 44.294 ng/ul

RT: 15.039 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :

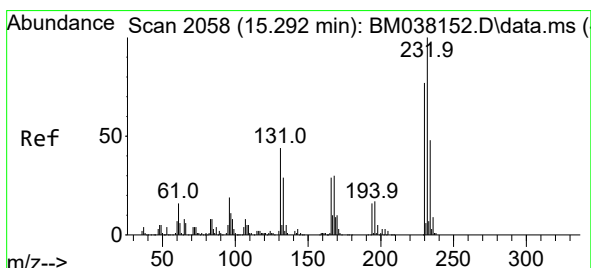
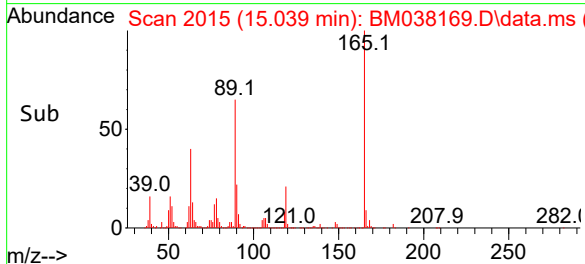
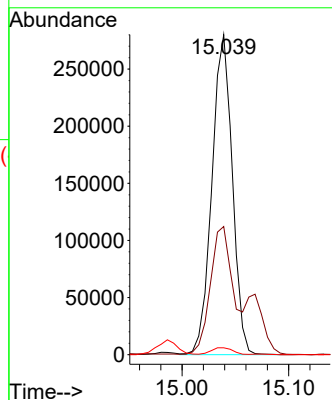
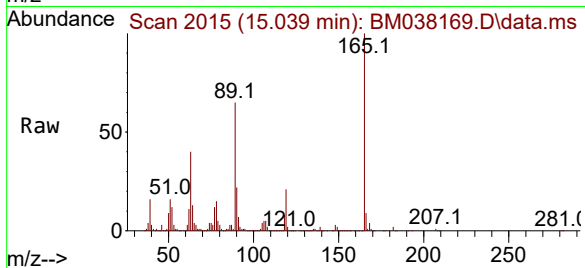
Tgt Ion:165 Resp: 372302

Ion Ratio Lower Upper

165 100

63 40.1 34.9 52.3

182 2.1 2.2 3.2#



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.113 ng/ul

RT: 15.292 min Scan# 2058

Delta R.T. -0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Tgt Ion:232 Resp: 357814

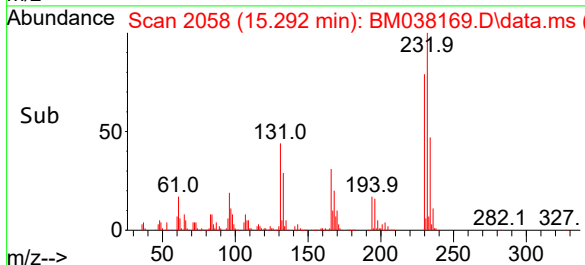
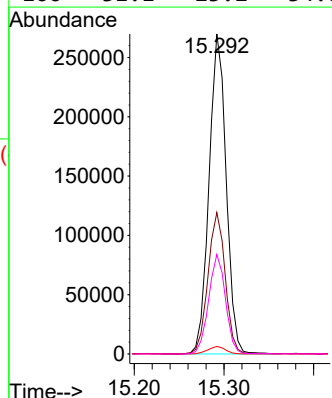
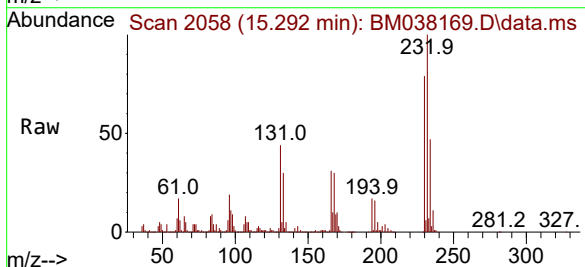
Ion Ratio Lower Upper

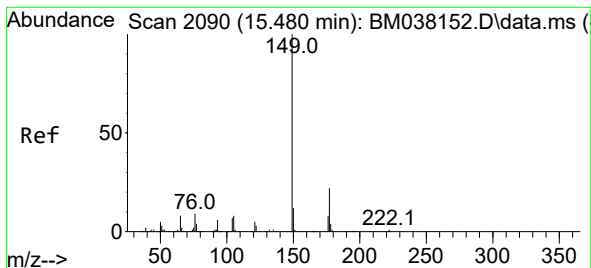
232 100

131 44.2 32.8 49.2

130 2.4 2.0 3.0

166 31.1 23.2 34.8





#59

Diethylphthalate

Concen: 42.309 ng/ul

RT: 15.480 min Scan# 2090

Delta R.T. -0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :

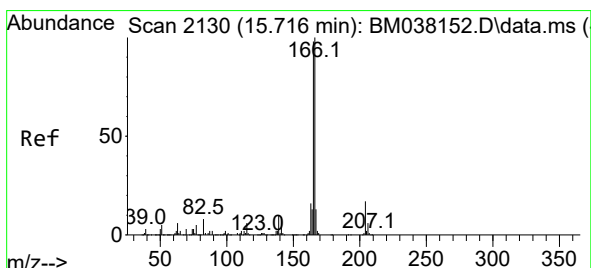
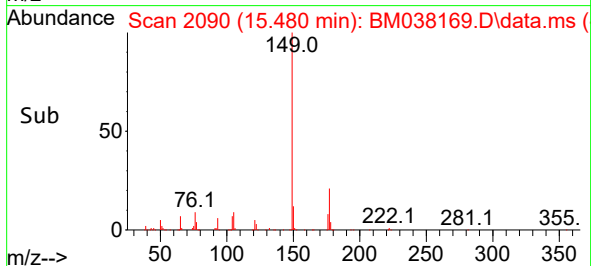
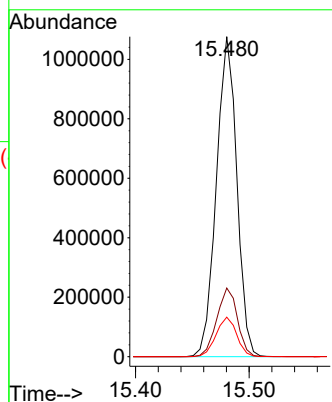
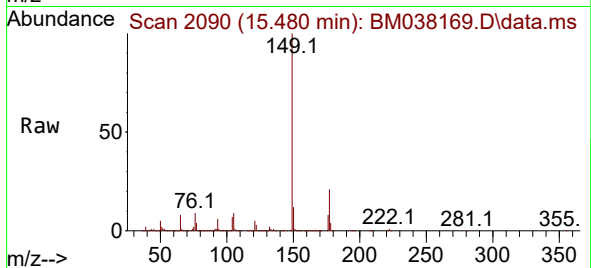
Tgt Ion:149 Resp: 1346758

Ion Ratio Lower Upper

149 100

177 21.4 18.5 27.7

150 12.4 9.5 14.3



#61

Fluorene

Concen: 40.527 ng/ul

RT: 15.716 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

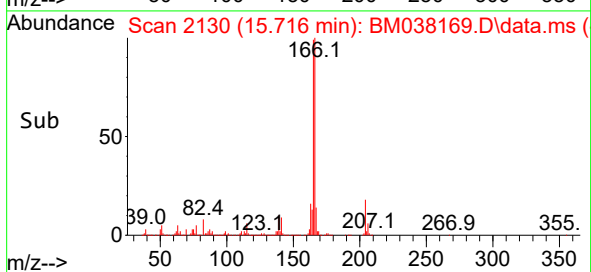
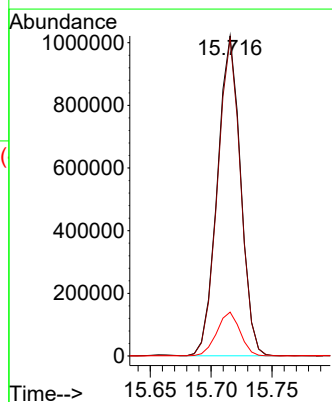
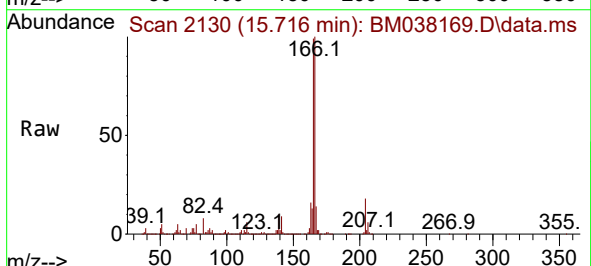
Tgt Ion:166 Resp: 1358405

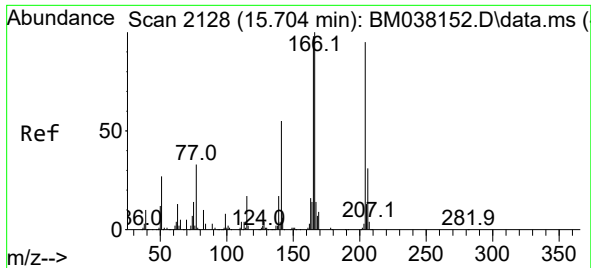
Ion Ratio Lower Upper

166 100

165 99.1 77.2 115.8

167 13.7 10.4 15.6

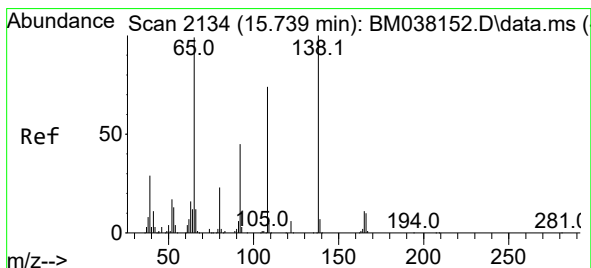
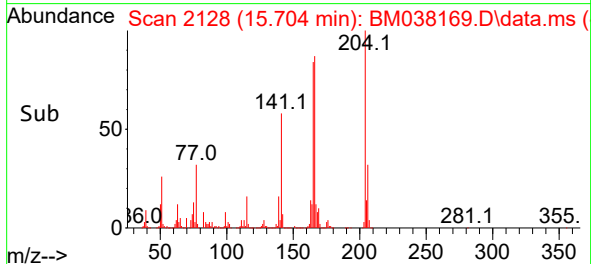
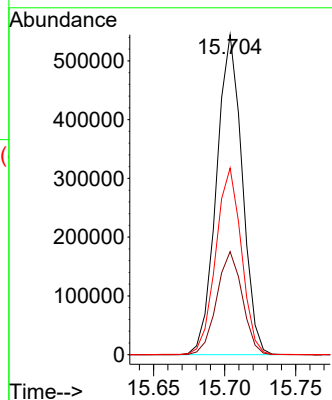
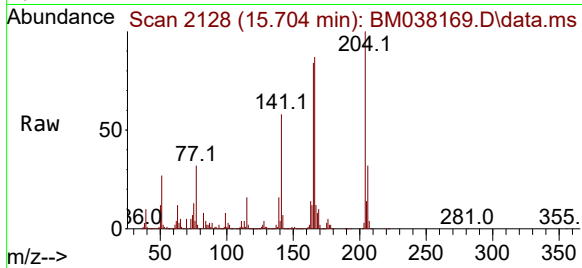




#62
4-Chlorophenyl-phenylether
Concen: 41.803 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

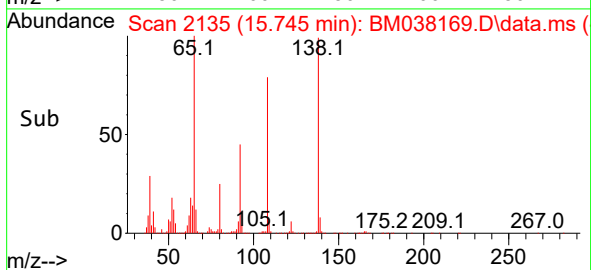
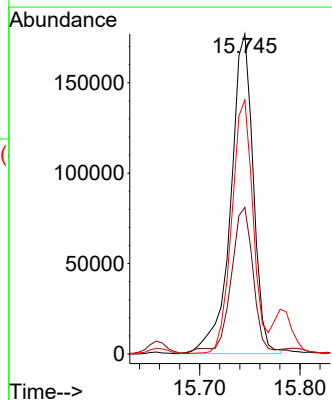
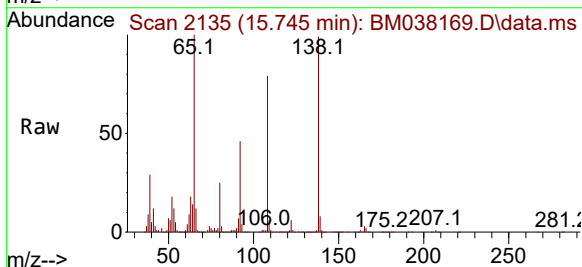
Instrument :
BNA_M
ClientSampleId :

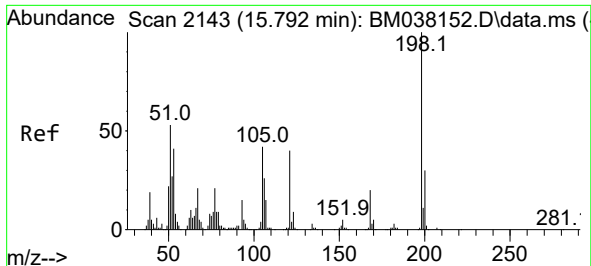
Tgt Ion:204 Resp: 684746
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 58.4 42.8 64.2



#63
4-Nitroaniline
Concen: 49.262 ng/ul
RT: 15.745 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:138 Resp: 276596
Ion Ratio Lower Upper
138 100
92 45.8 36.1 54.1
108 79.4 51.6 77.4#

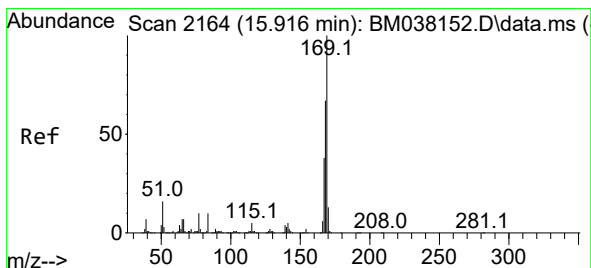
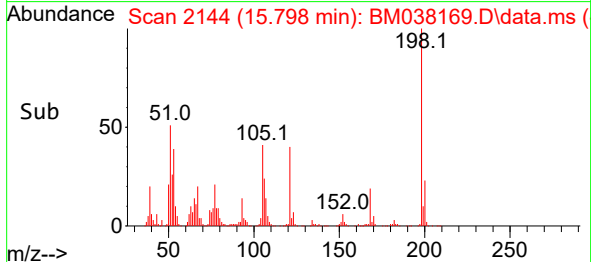
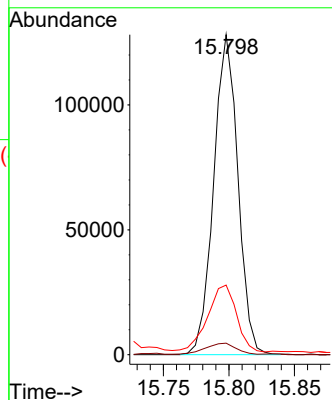
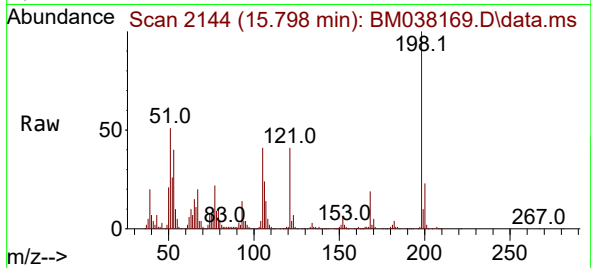




#66
4,6-Dinitro-2-methylphenol
Concen: 33.950 ng/ul
RT: 15.798 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

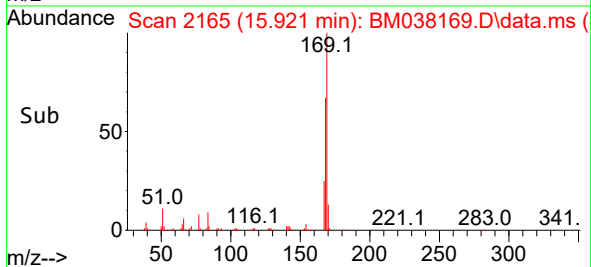
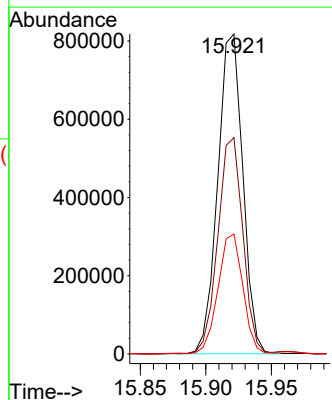
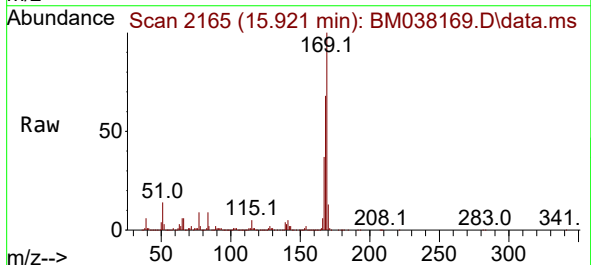
Instrument :
BNA_M
ClientSampleId :

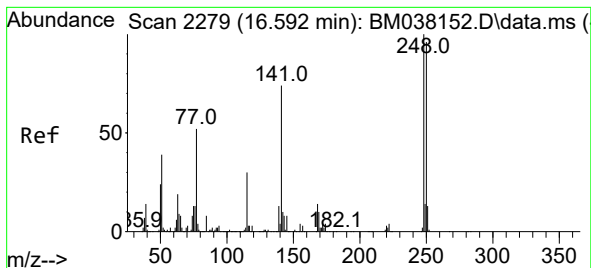
Tgt Ion:198 Resp: 164477
Ion Ratio Lower Upper
198 100
182 3.6 3.8 5.8#
77 21.8 19.3 28.9



#67
N-Nitrosodiphenylamine
Concen: 38.491 ng/ul
RT: 15.921 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:169 Resp: 1086793
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.8
167 37.5 29.3 43.9

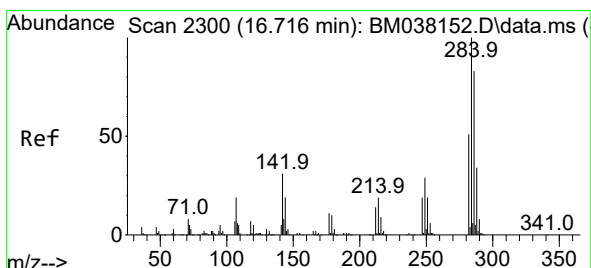
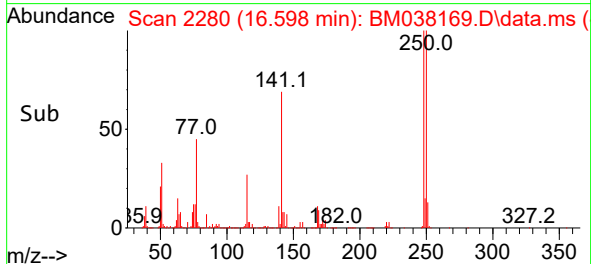
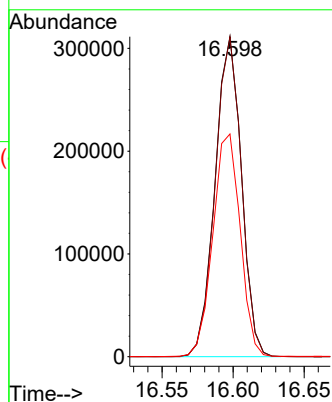
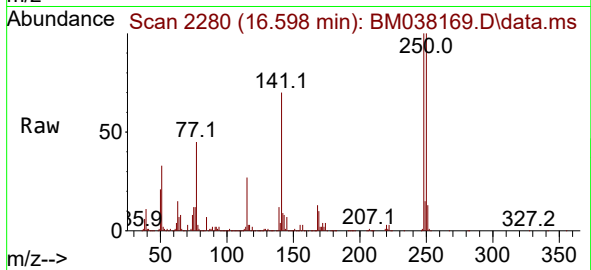




#68
4-Bromophenyl-phenylether
Concen: 39.338 ng/ul
RT: 16.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

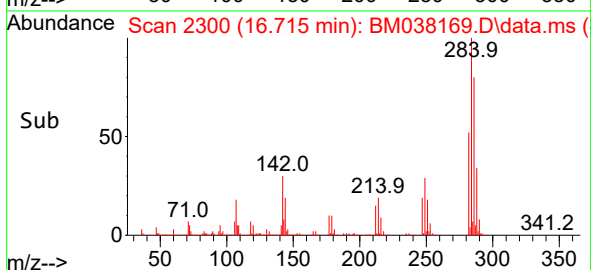
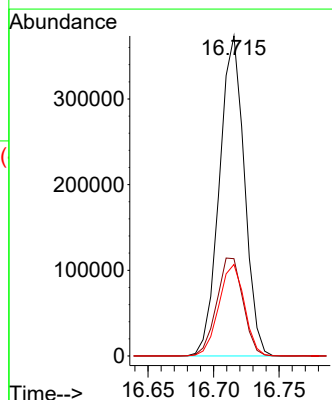
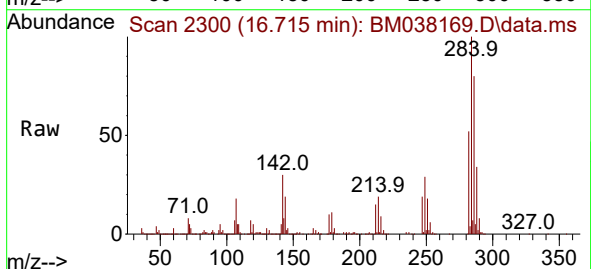
Instrument :
BNA_M
ClientSampleId :

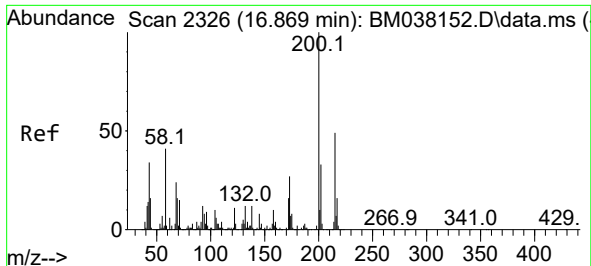
Tgt Ion:248 Resp: 403629
Ion Ratio Lower Upper
248 100
250 99.8 78.7 118.1
141 69.6 52.7 79.1



#69
Hexachlorobenzene
Concen: 40.354 ng/ul
RT: 16.715 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:284 Resp: 494256
Ion Ratio Lower Upper
284 100
142 30.4 23.1 34.7
249 28.6 23.3 34.9

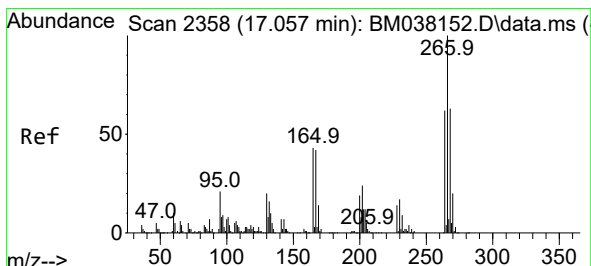
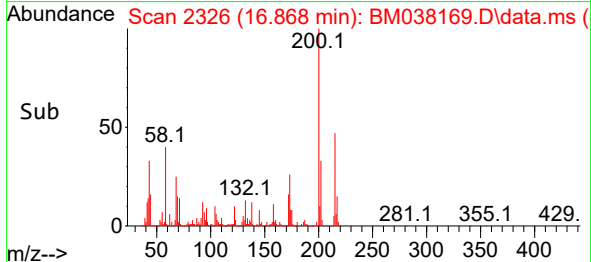
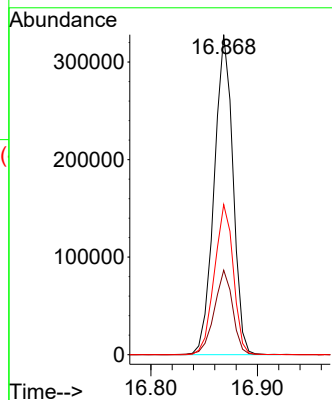
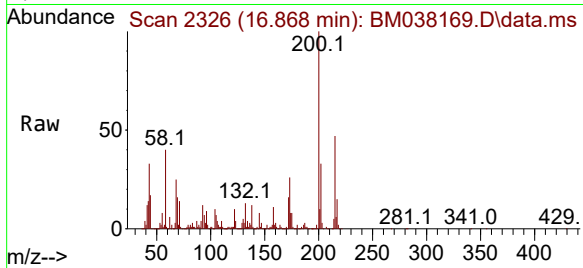




#70
 Atrazine
 Concen: 41.677 ng/ul
 RT: 16.868 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038169.D
 Acq: 21 Dec 2022 13:23

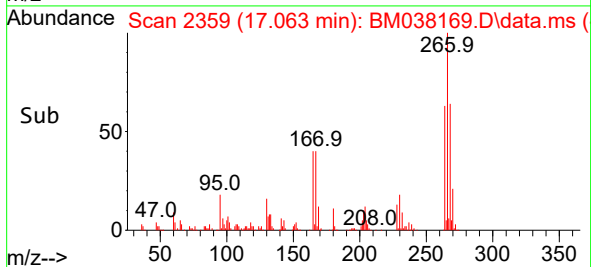
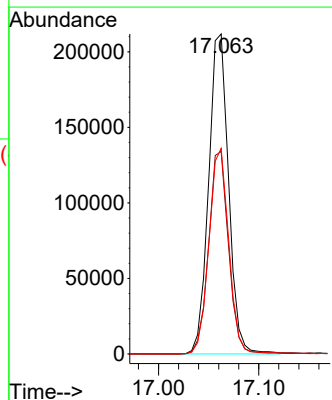
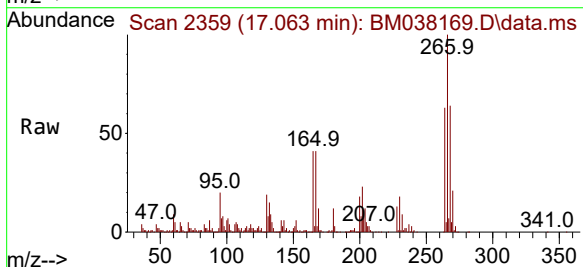
Instrument :
 BNA_M
 ClientSampleId :

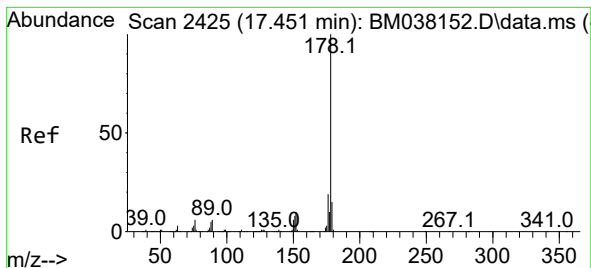
Tgt Ion:200 Resp: 402130
 Ion Ratio Lower Upper
 200 100
 173 26.4 20.5 30.7
 215 46.9 40.1 60.1



#71
 Pentachlorophenol
 Concen: 43.137 ng/ul
 RT: 17.063 min Scan# 2359
 Delta R.T. 0.006 min
 Lab File: BM038169.D
 Acq: 21 Dec 2022 13:23

Tgt Ion:266 Resp: 293743
 Ion Ratio Lower Upper
 266 100
 264 63.3 50.1 75.1
 268 64.3 50.6 75.8





#72

Phenanthrene

Concen: 49.240 ng/ul

RT: 17.451 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :

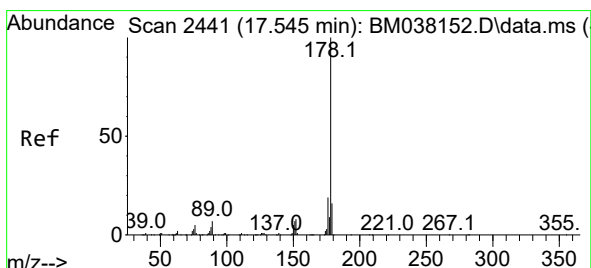
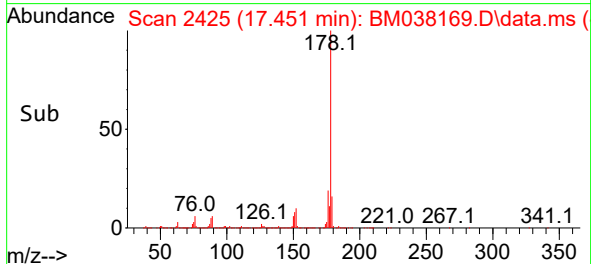
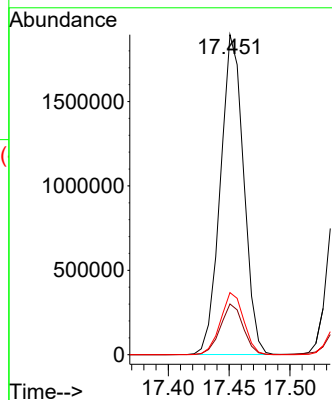
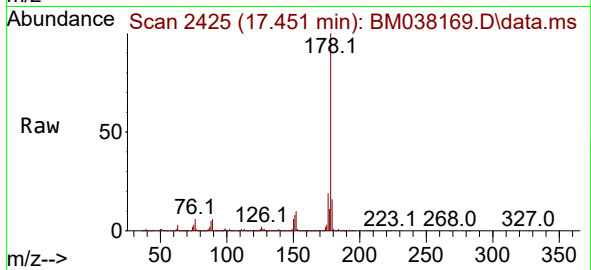
Tgt Ion:178 Resp: 2516974

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

176 19.4 15.4 23.0



#74

Anthracene

Concen: 42.824 ng/ul

RT: 17.545 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

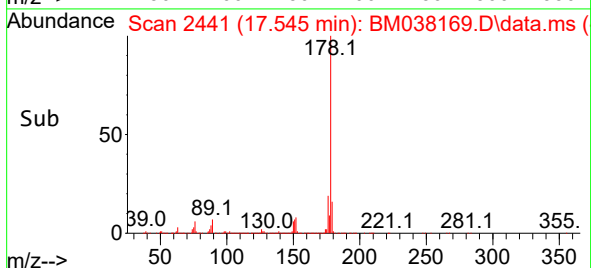
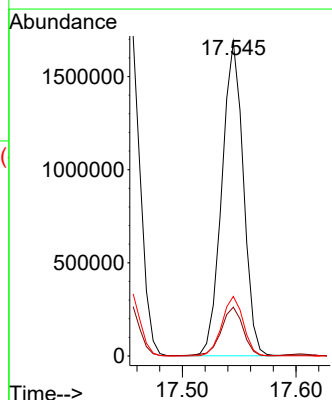
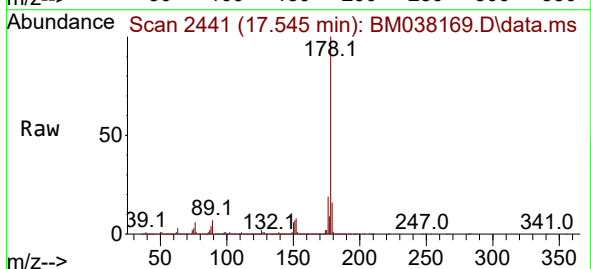
Tgt Ion:178 Resp: 2224590

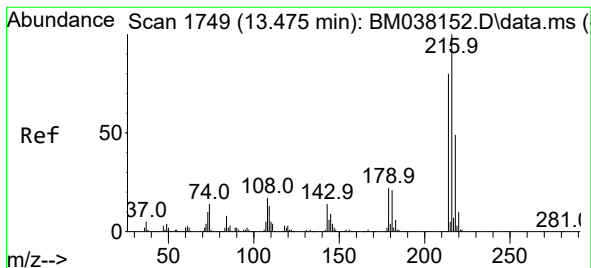
Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

176 18.9 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 38.264 ng/uL

RT: 13.480 min Scan# 1

Delta R.T. 0.000 min

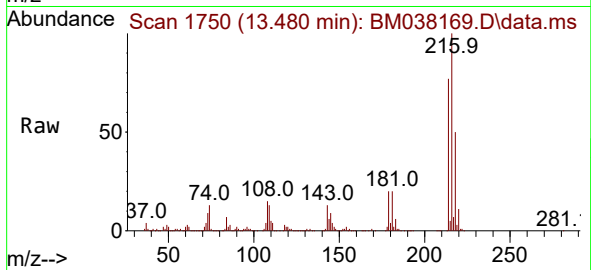
Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :



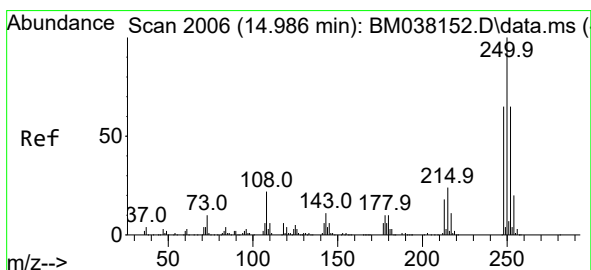
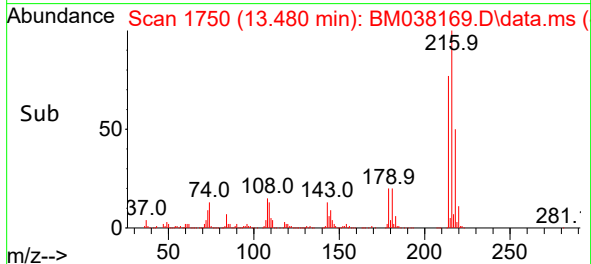
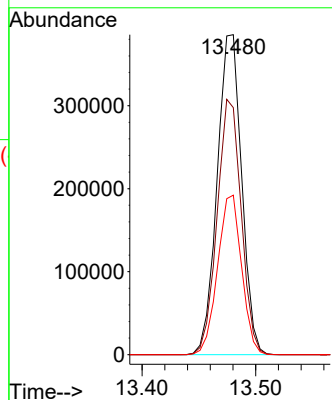
Tgt Ion:216 Resp: 579021

Ion Ratio Lower Upper

216 100

214 77.2 62.6 93.8

218 49.9 38.3 57.5



#76

Pentachlorobenzene

Concen: 37.507 ng/uL

RT: 14.986 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

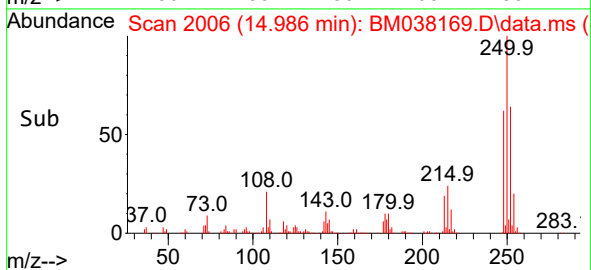
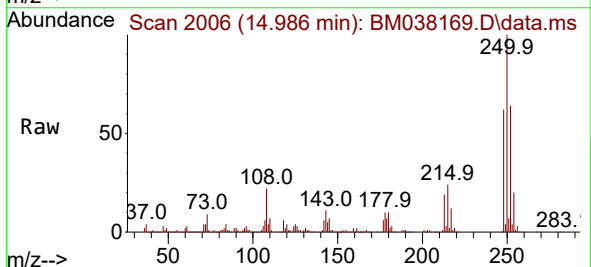
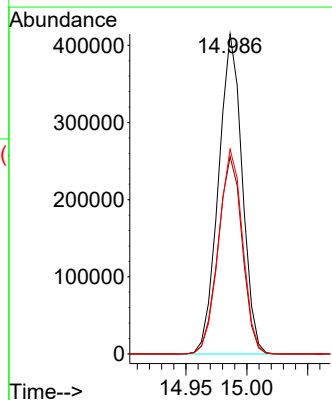
Tgt Ion:250 Resp: 562225

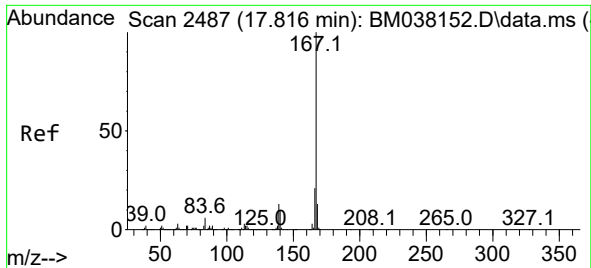
Ion Ratio Lower Upper

250 100

248 61.7 51.0 76.4

252 64.0 51.8 77.6

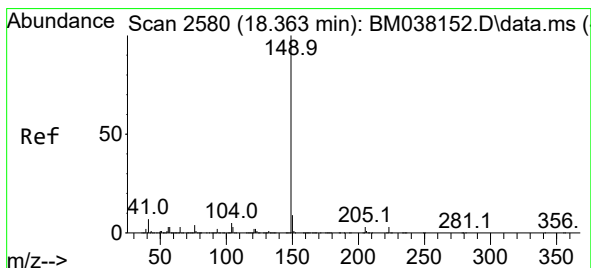
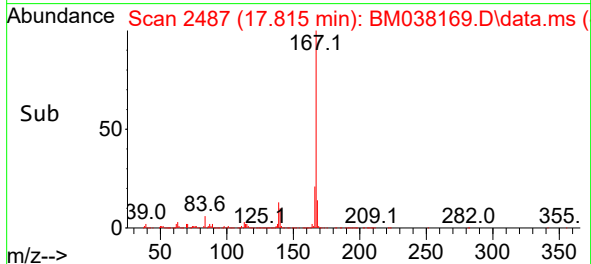
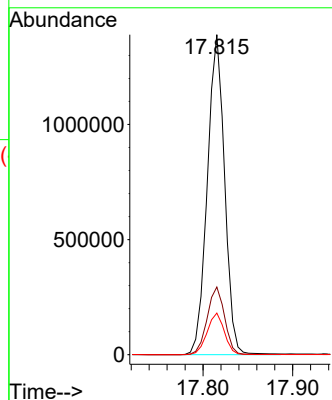
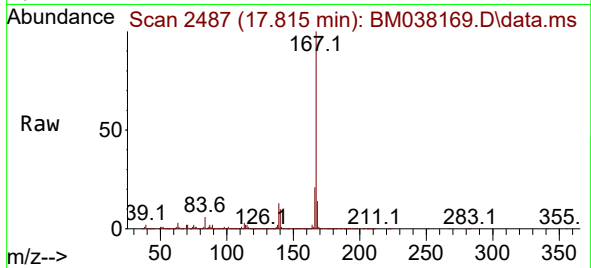




#77
 Carbazole
 Concen: 41.317 ng/ul
 RT: 17.815 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BM038169.D
 Acq: 21 Dec 2022 13:23

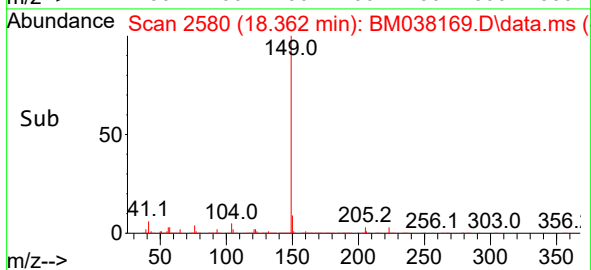
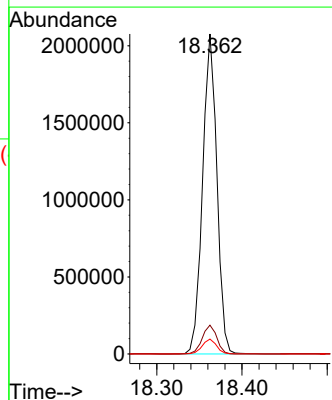
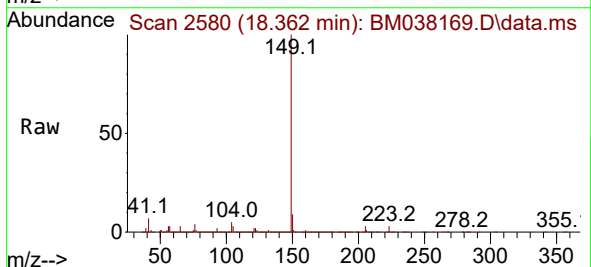
Instrument :
 BNA_M
 ClientSampleId :

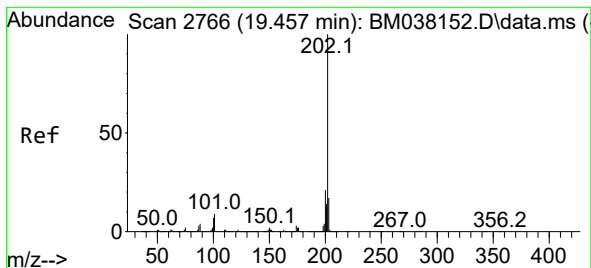
Tgt Ion:167 Resp: 1859500
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.7 25.1
 139 13.0 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 45.085 ng/ul
 RT: 18.362 min Scan# 2580
 Delta R.T. -0.000 min
 Lab File: BM038169.D
 Acq: 21 Dec 2022 13:23

Tgt Ion:149 Resp: 2411861
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.7 3.4 5.2





#80

Fluoranthene

Concen: 93.560 ng/ul

RT: 19.462 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :

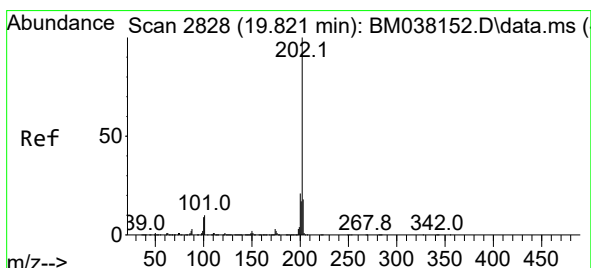
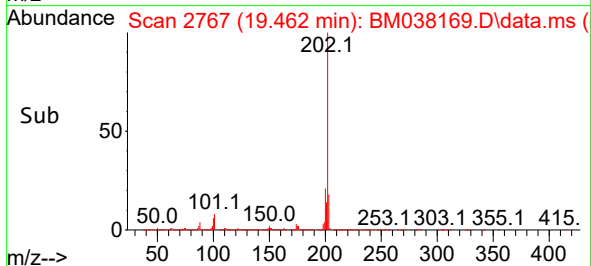
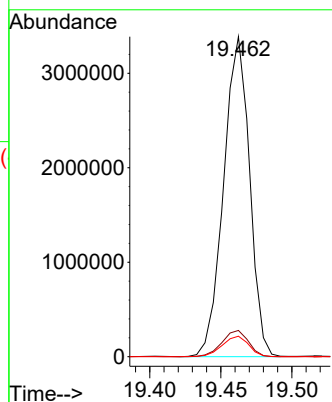
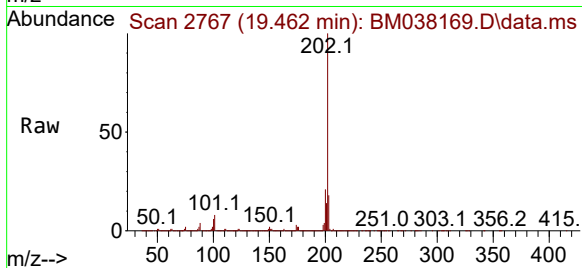
Tgt Ion:202 Resp: 4305164

Ion Ratio Lower Upper

202 100

101 8.2 8.6 13.0#

100 6.4 6.6 10.0#



#82

Pyrene

Concen: 83.431 ng/ul

RT: 19.827 min Scan# 2829

Delta R.T. 0.006 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

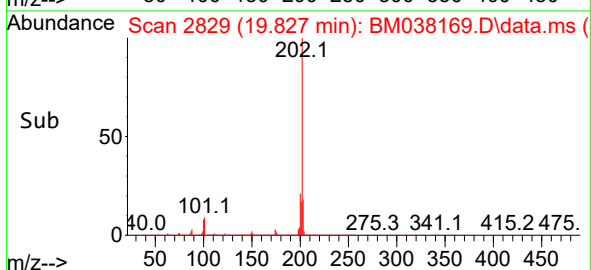
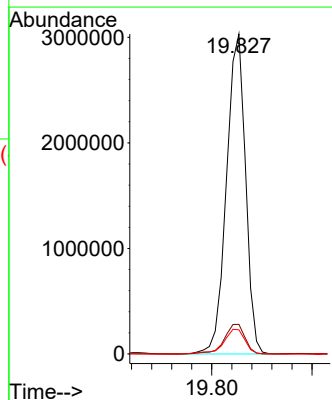
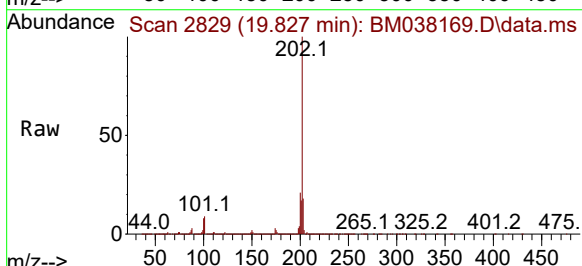
Tgt Ion:202 Resp: 3995496

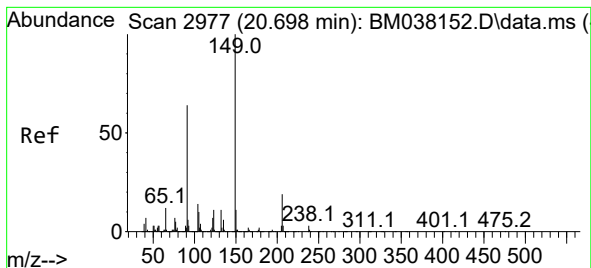
Ion Ratio Lower Upper

202 100

101 9.3 10.0 15.0#

100 7.5 7.9 11.9#





#83

Butylbenzylphthalate

Concen: 52.928 ng/ul

RT: 20.703 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :

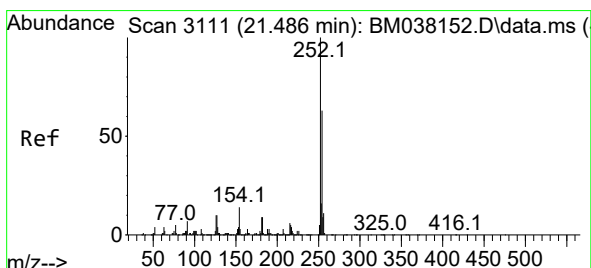
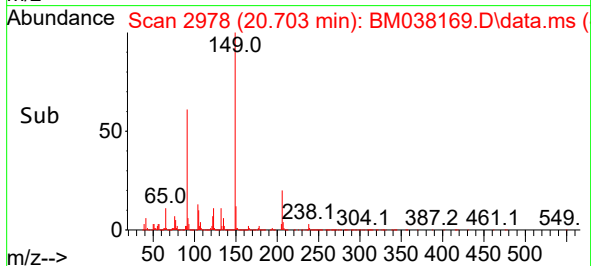
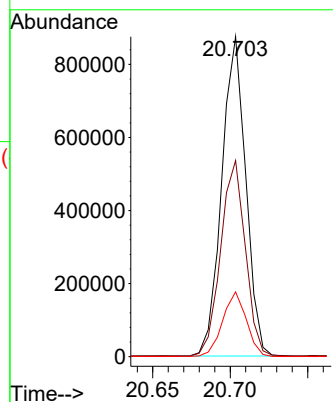
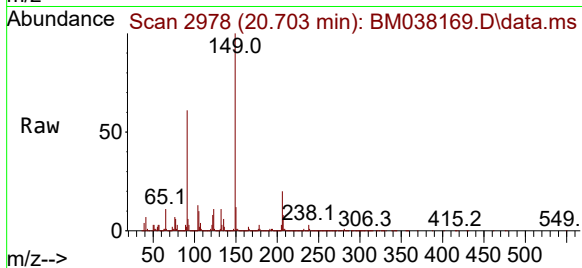
Tgt Ion:149 Resp: 942522

Ion Ratio Lower Upper

149 100

91 61.3 54.5 81.7

206 20.2 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 22.888 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

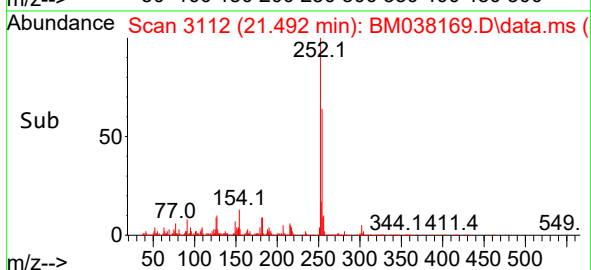
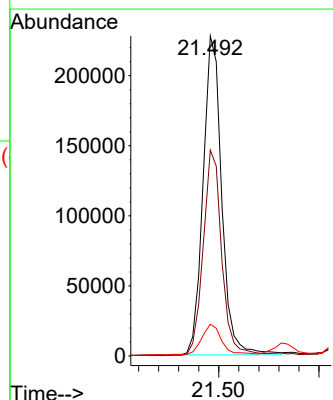
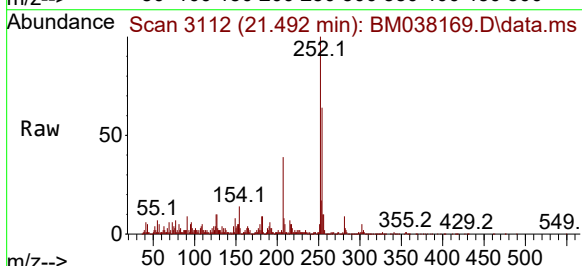
Tgt Ion:252 Resp: 293970

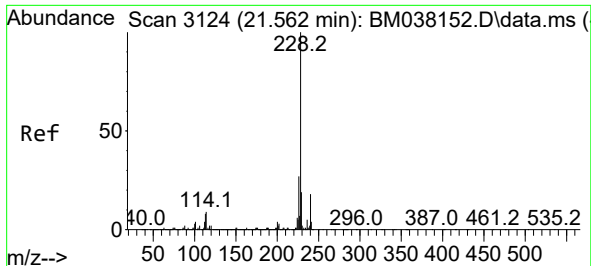
Ion Ratio Lower Upper

252 100

254 64.3 53.2 79.8

126 9.9 7.8 11.8

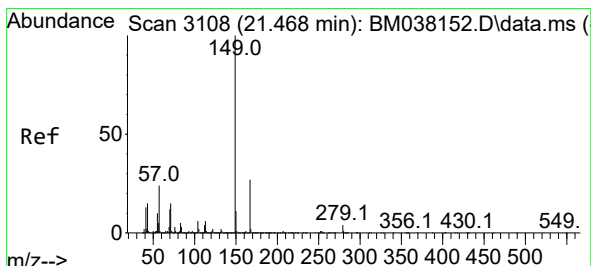
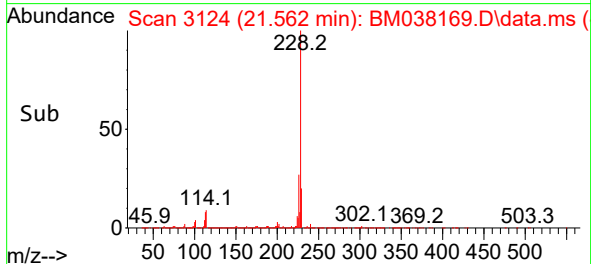
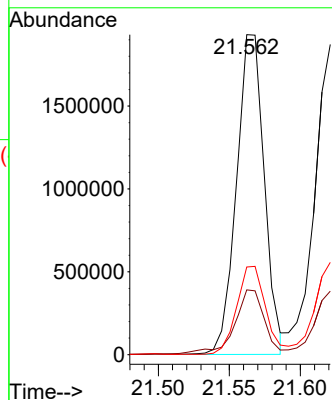
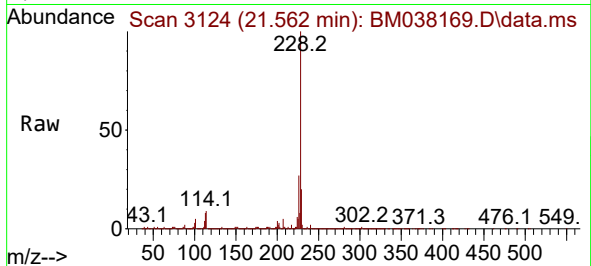




#85
Benzo(a)anthracene
Concen: 60.134 ng/ul
RT: 21.562 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

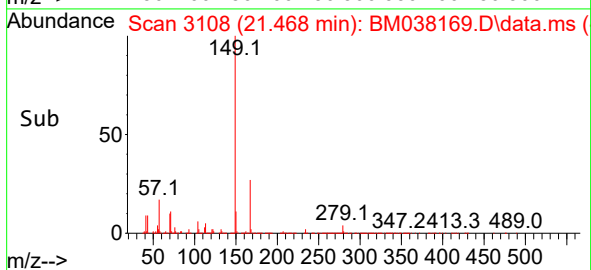
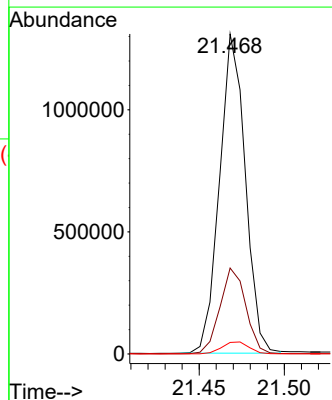
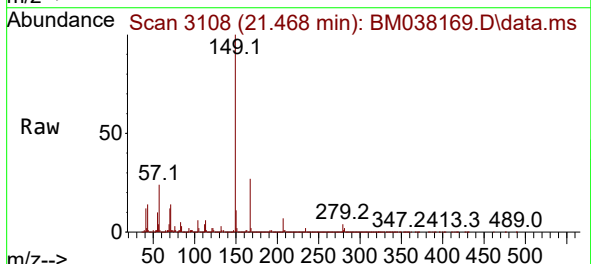
Instrument :
BNA_M
ClientSampleId :

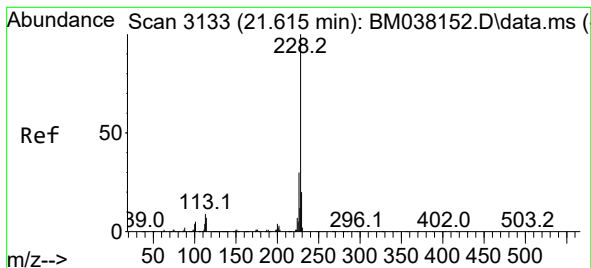
Tgt Ion:228 Resp: 2627700
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 27.4 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 53.127 ng/ul
RT: 21.468 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:149 Resp: 1376315
Ion Ratio Lower Upper
149 100
167 26.8 21.5 32.3
279 3.6 3.2 4.8





#87

Chrysene

Concen: 58.276 ng/ul

RT: 21.621 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :

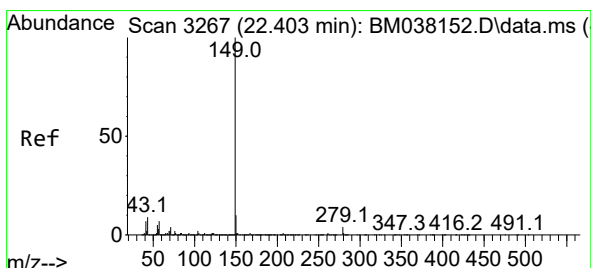
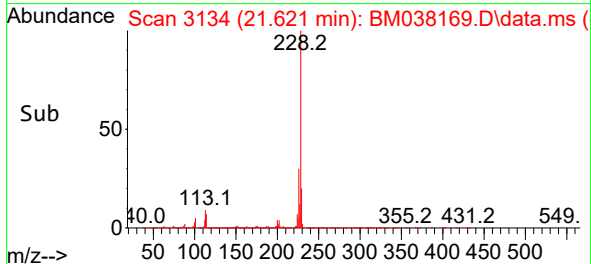
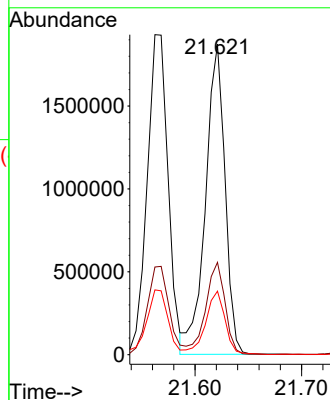
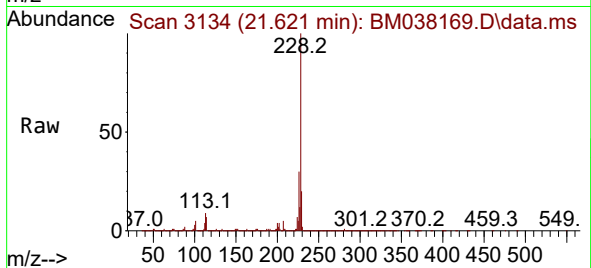
Tgt Ion:228 Resp: 2389265

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 20.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 50.926 ng/ul

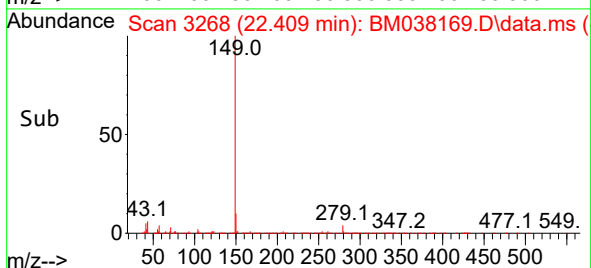
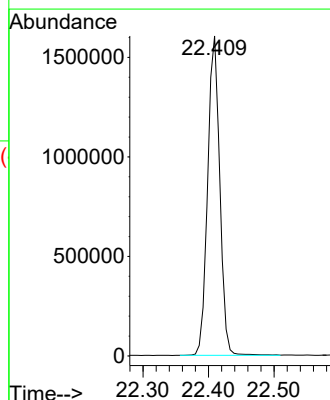
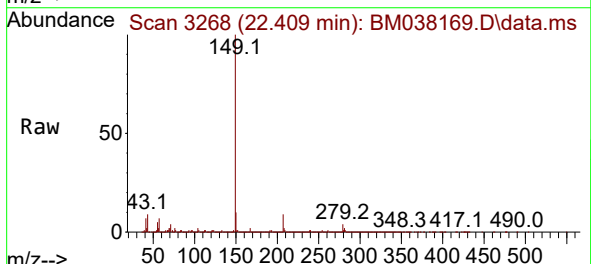
RT: 22.409 min Scan# 3268

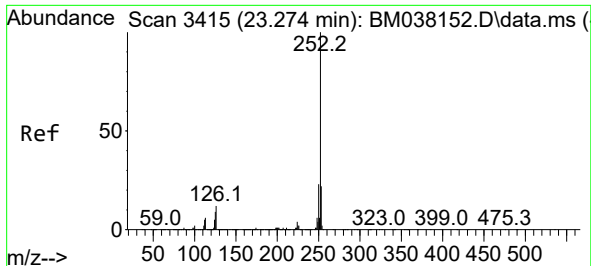
Delta R.T. 0.000 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Tgt Ion:149 Resp: 2065904

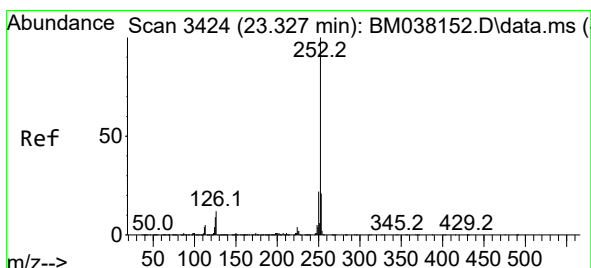
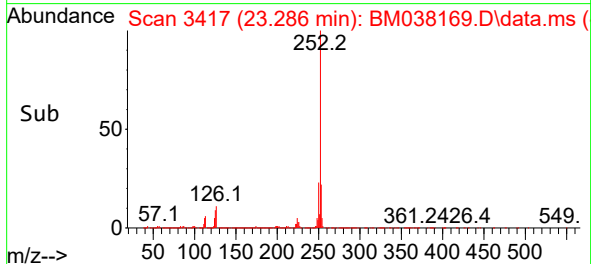
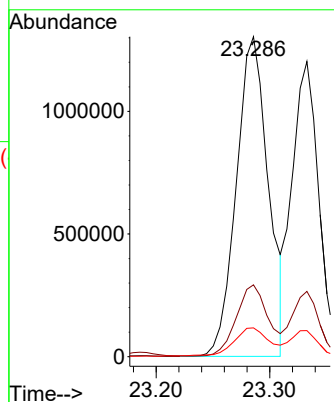
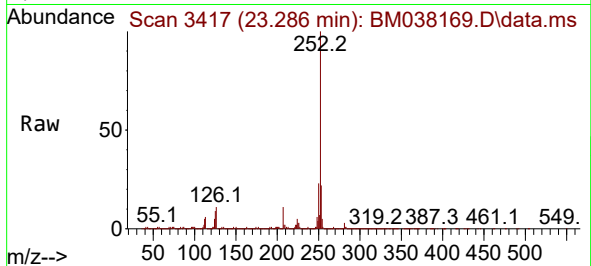




#90
Benzo(b)fluoranthene
Concen: 65.034 ng/ul
RT: 23.286 min Scan# 3415
Delta R.T. 0.012 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

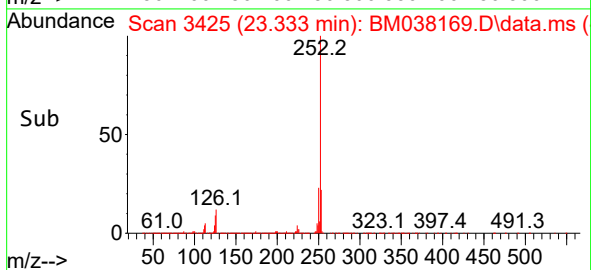
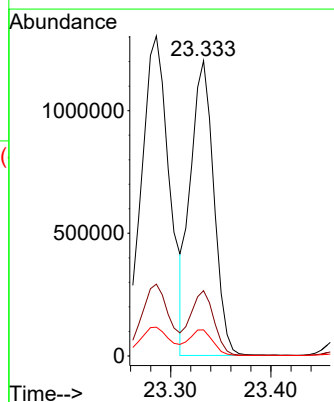
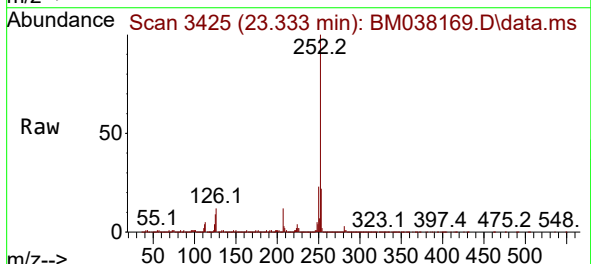
Instrument :
BNA_M
ClientSampleId :

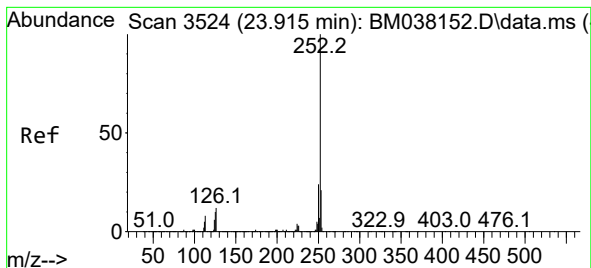
Tgt Ion:252 Resp: 2552550
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.0 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 51.145 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BM038169.D
Acq: 21 Dec 2022 13:23

Tgt Ion:252 Resp: 1945484
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.8 8.1 12.1





#93

Benzo(a)pyrene

Concen: 56.806 ng/ul

RT: 23.927 min Scan# 3

Delta R.T. 0.006 min

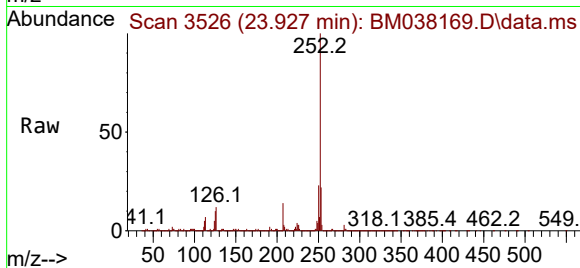
Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

Instrument :

BNA_M

ClientSampleId :



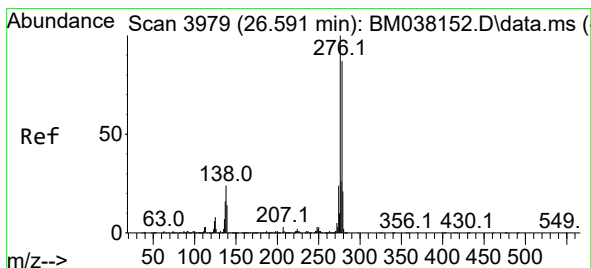
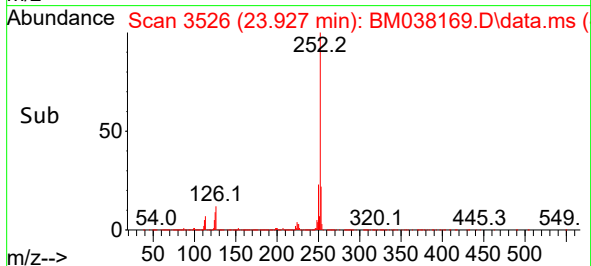
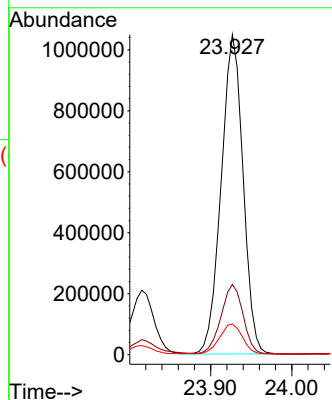
Tgt Ion:252 Resp: 1960664

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.6 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 49.820 ng/ul

RT: 26.609 min Scan# 3982

Delta R.T. 0.018 min

Lab File: BM038169.D

Acq: 21 Dec 2022 13:23

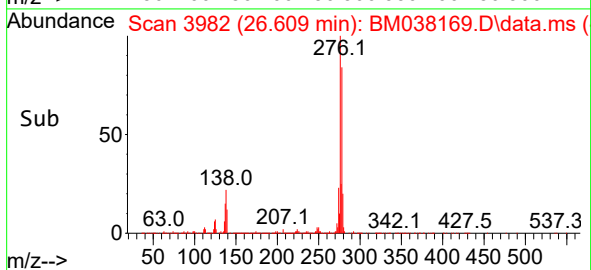
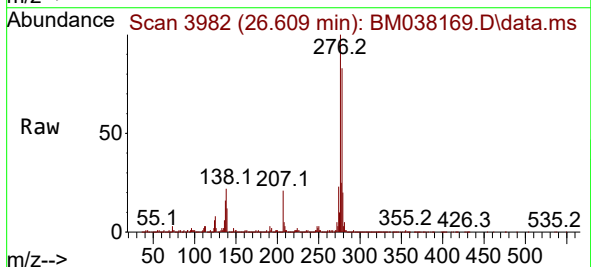
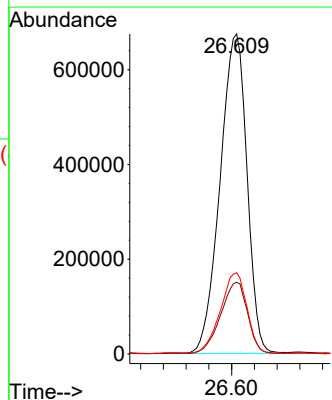
Tgt Ion:276 Resp: 2214598

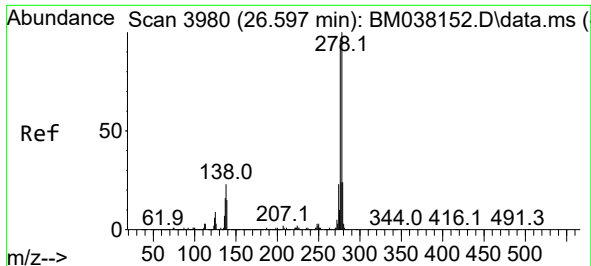
Ion Ratio Lower Upper

276 100

138 22.4 19.3 28.9

277 25.4 19.8 29.8

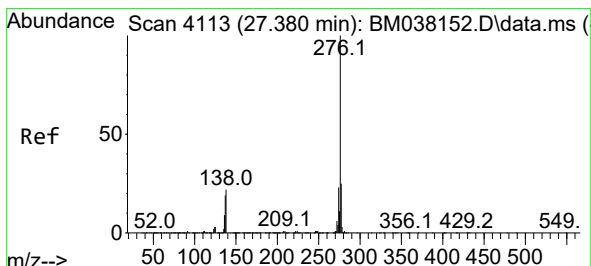
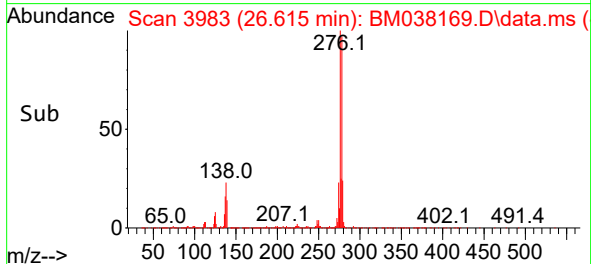
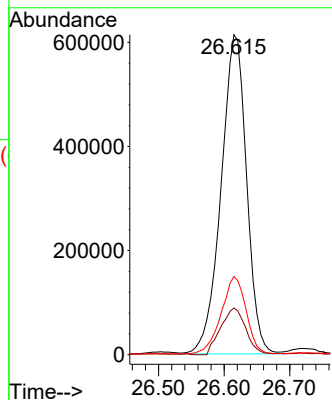
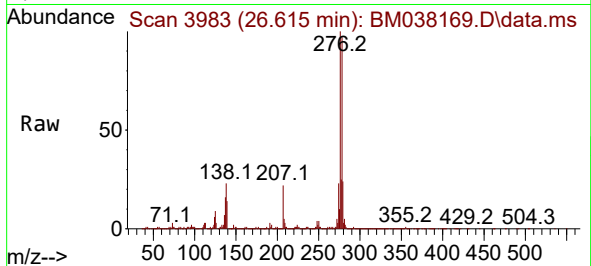




#95
 Dibenzo(a,h)anthracene
 Concen: 44.261 ng/ul
 RT: 26.615 min Scan# 3983
 Delta R.T. 0.012 min
 Lab File: BM038169.D
 Acq: 21 Dec 2022 13:23

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1658642
 Ion Ratio Lower Upper
 278 100
 139 14.6 12.4 18.6
 279 24.5 19.8 29.6



#96
 Benzo(g,h,i)perylene
 Concen: 51.172 ng/ul
 RT: 27.397 min Scan# 4116
 Delta R.T. 0.006 min
 Lab File: BM038169.D
 Acq: 21 Dec 2022 13:23

Tgt Ion:276 Resp: 1816128
 Ion Ratio Lower Upper
 276 100
 138 19.2 17.1 25.7
 277 24.5 18.2 27.4

