

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100522\
 Data File : BM036838.D
 Acq On : 05 Oct 2022 16:45
 Operator : CG/JU
 Sample : N4860-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-05MSD

Quant Time: Oct 06 02:35:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 03:17:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	340885	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1378356	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	722506	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1233002	20.000	ng	0.00
76) Chrysene-d12	21.509	240	937147	20.000	ng	0.00
86) Perylene-d12	23.921	264	991302	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1405036	73.149	ng	0.00
7) Phenol-d6	7.134	99	1095475	40.602	ng	0.00
23) Nitrobenzene-d5	9.145	82	2592400	100.599	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	963915	170.105	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5070186	108.204	ng	0.00
79) Terphenyl-d14	19.951	244	4894211	104.052	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.399	88	170622	20.616	ng 97
3) Pyridine	3.810	79	410561	16.071	ng 96
4) n-Nitrosodimethylamine	3.716	42	213644	19.268	ng 94
6) Aniline	7.298	93	1048310	30.601	ng 98
8) 2-Chlorophenol	7.534	128	951451	41.513	ng 97
9) Benzaldehyde	7.110	77	463254	26.807	ng 96
10) Phenol	7.157	94	437915	14.171	ng 99
11) bis(2-Chloroethyl)ether	7.398	93	1255106	49.722	ng 96
12) 1,3-Dichlorobenzene	7.863	146	1220649	48.611	ng 97
13) 1,4-Dichlorobenzene	8.010	146	1259522	48.944	ng 98
14) 1,2-Dichlorobenzene	8.328	146	1220151	49.499	ng 97
15) Benzyl Alcohol	8.216	79	630685	30.002	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1650013	44.755	ng 98
17) 2-Methylphenol	8.422	107	650475	32.238	ng 97
18) Hexachloroethane	9.057	117	535537	56.412	ng 98
19) n-Nitroso-di-n-propyla...	8.787	70	936623	45.702	ng 96
20) 3+4-Methylphenols	8.751	107	731027	26.355	ng 99
22) Acetophenone	8.804	105	1841756	53.235	ng # 97
24) Nitrobenzene	9.187	77	1346432	49.406	ng 97
25) Isophorone	9.716	82	2489864	52.263	ng 97
26) 2-Nitrophenol	9.898	139	565073	51.756	ng 96
27) 2,4-Dimethylphenol	9.957	122	968582	54.945	ng 99
28) bis(2-Chloroethoxy)met...	10.192	93	1552612	53.876	ng 100
29) 2,4-Dichlorophenol	10.428	162	915215	49.170	ng 97
30) 1,2,4-Trichlorobenzene	10.645	180	999603	49.875	ng 99
31) Naphthalene	10.834	128	3608467	48.458	ng 99
32) Benzoic acid	10.039	122	171218	16.473	ng 96
33) 4-Chloroaniline	10.945	127	744233	24.863	ng 98
34) Hexachlorobutadiene	11.116	225	559042	51.003	ng 99
35) Caprolactam	11.751	113	37077	5.772	ng 97
36) 4-Chloro-3-methylphenol	12.063	107	876195	40.041	ng 96
37) 2-Methylnaphthalene	12.439	142	2400973	48.000	ng 99
38) 1-Methylnaphthalene	12.657	142	2279465	46.562	ng 100
40) 1,2,4,5-Tetrachloroben...	12.804	216	1036306	58.428	ng 99
41) Hexachlorocyclopentadiene	12.780	237	1190293	137.005	ng 99
43) 2,4,6-Trichlorophenol	13.039	196	661460	54.396	ng 99

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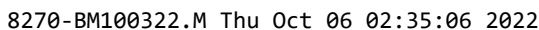
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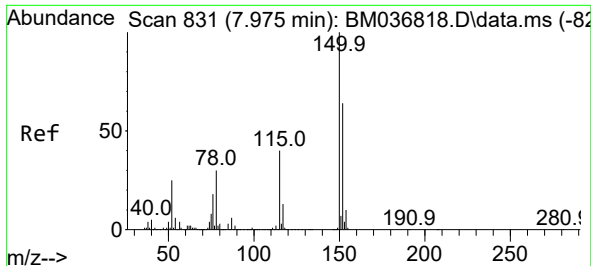
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	699191	51.658	ng	97
46) 1,1'-Biphenyl	13.439	154	2972863	55.812	ng	99
47) 2-Chloronaphthalene	13.486	162	2178691	53.263	ng	99
48) 2-Nitroaniline	13.686	65	629469	44.225	ng	99
49) Acenaphthylene	14.327	152	3444374	51.996	ng	100
50) Dimethylphthalate	14.063	163	2529619	49.648	ng	99
51) 2,6-Dinitrotoluene	14.180	165	534093	52.463	ng	95
52) Acenaphthene	14.669	154	2131732	51.785	ng	98
53) 3-Nitroaniline	14.510	138	170560	13.955	ng	96
54) 2,4-Dinitrophenol	14.716	184	563735	91.565	ng	93
55) Dibenzofuran	14.998	168	3180946	51.038	ng	98
56) 4-Nitrophenol	14.816	139	289832	29.663	ng	95
57) 2,4-Dinitrotoluene	14.963	165	690326	46.856	ng	95
58) Fluorene	15.645	166	2623683	51.382	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	538478	48.103	ng	# 97
60) Diethylphthalate	15.421	149	2540636	48.078	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	1177366	52.761	ng	94
62) 4-Nitroaniline	15.669	138	496171	36.705	ng	98
63) Azobenzene	15.933	77	2693078	45.823	ng	95
65) 4,6-Dinitro-2-methylph...	15.721	198	324743	47.893	ng	96
66) n-Nitrosodiphenylamine	15.857	169	2100175	55.130	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	648018	56.993	ng	94
68) Hexachlorobenzene	16.645	284	706783	56.134	ng	94
69) Atrazine	16.810	200	585806	55.821	ng	98
70) Pentachlorophenol	16.986	266	850781	110.099	ng	99
71) Phenanthrene	17.380	178	3489982	50.557	ng	99
72) Anthracene	17.474	178	3535884	53.717	ng	99
73) Carbazole	17.745	167	3305980	53.810	ng	99
74) Di-n-butylphthalate	18.304	149	3992929	51.899	ng	99
75) Fluoranthene	19.392	202	3521489	49.581	ng	98
77) Benzidine	19.580	184	145818	7.416	ng	# 93
78) Pyrene	19.751	202	3580670	50.737	ng	100
80) Butylbenzylphthalate	20.645	149	1529932	46.442	ng	99
81) Benzo(a)anthracene	21.492	228	3139801	51.582	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	839738	50.822	ng	99
83) Chrysene	21.545	228	2986220	50.935	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	2200188	46.195	ng	# 99
85) Di-n-octyl phthalate	22.350	149	3404727	45.932	ng	96
87) Indeno(1,2,3-cd)pyrene	26.438	276	3817313	58.311	ng	98
88) Benzo(b)fluoranthene	23.186	252	3227684	51.380	ng	99
89) Benzo(k)fluoranthene	23.233	252	3238918	50.111	ng	99
90) Benzo(a)pyrene	23.815	252	2854143	56.494	ng	98
91) Dibenzo(a,h)anthracene	26.456	278	3408158	62.494	ng	98
92) Benzo(g,h,i)perylene	27.215	276	3369310	63.634	ng	97

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

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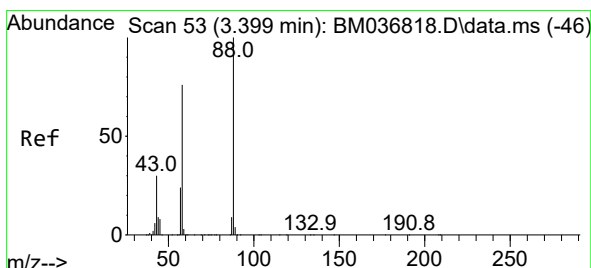
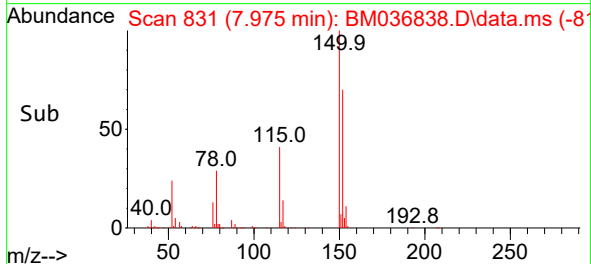
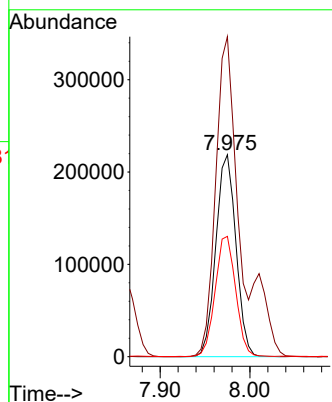
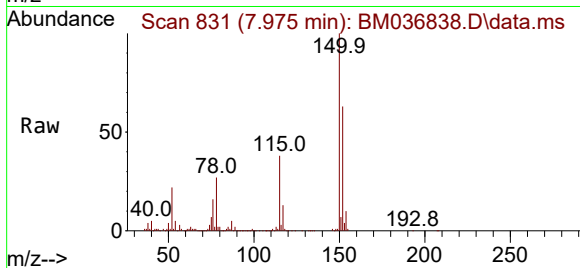




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM036838.D
 Acq: 05 Oct 2022 16:45

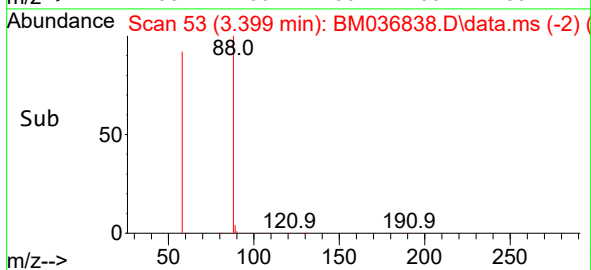
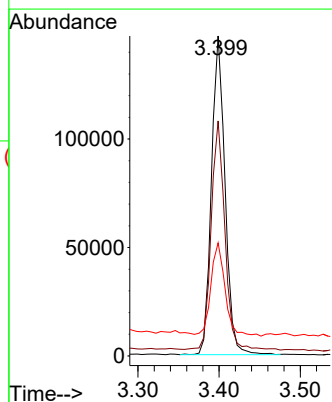
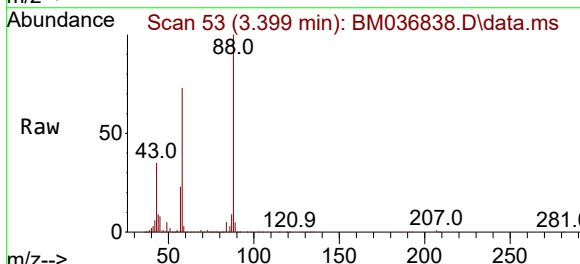
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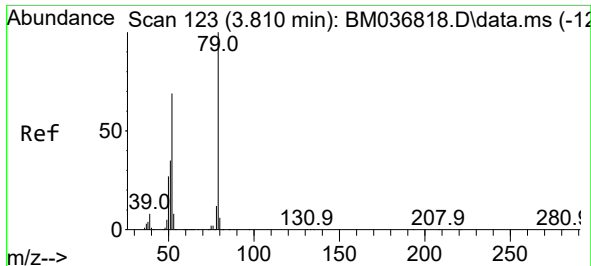
Tgt Ion:152 Resp: 340885
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.9 188.9
 115 59.5 50.1 75.1



#2
 1,4-Dioxane
 Concen: 20.616 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: BM036838.D
 Acq: 05 Oct 2022 16:45

Tgt Ion: 88 Resp: 170622
 Ion Ratio Lower Upper
 88 100
 58 71.5 60.2 90.4
 43 30.5 24.3 36.5

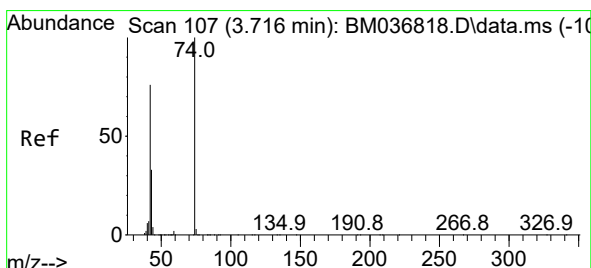
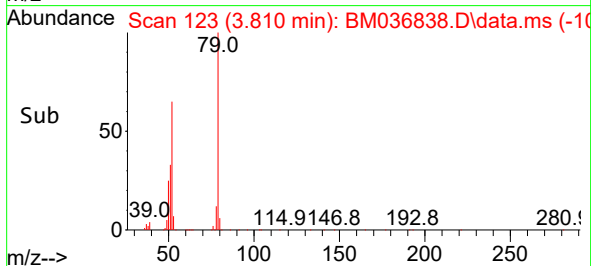
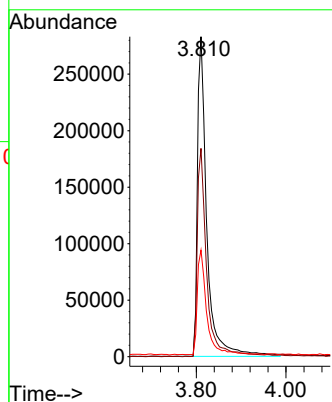
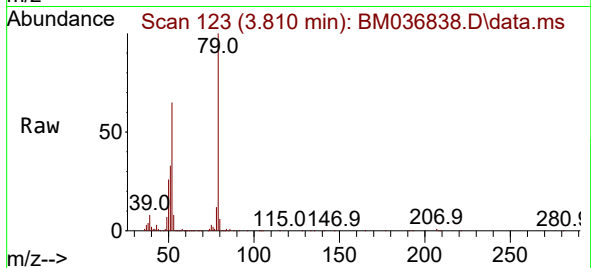




#3
Pyridine
Concen: 16.071 ng
RT: 3.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

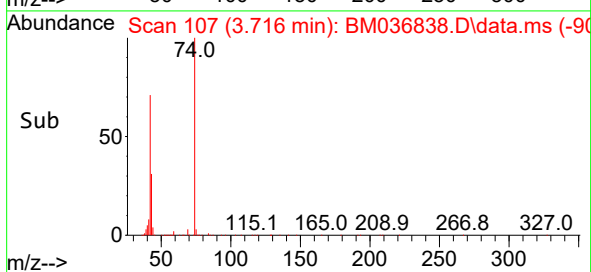
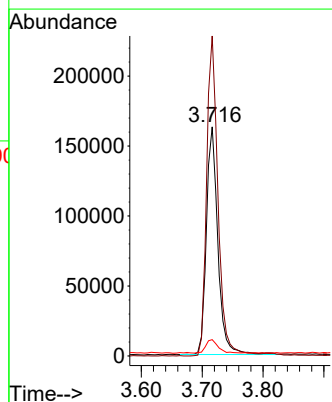
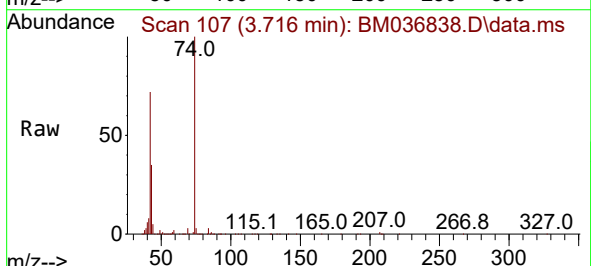
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

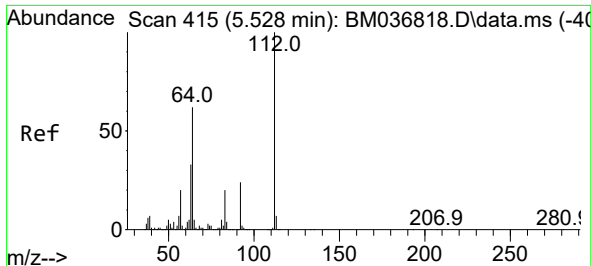
Tgt Ion: 79 Resp: 410561
Ion Ratio Lower Upper
79 100
52 65.1 55.2 82.8
51 33.3 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 19.268 ng
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 42 Resp: 213644
Ion Ratio Lower Upper
42 100
74 139.6 105.8 158.6
44 7.1 5.0 7.6

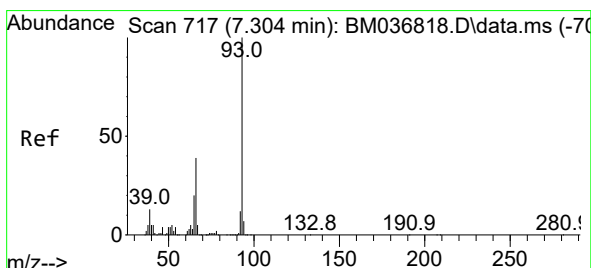
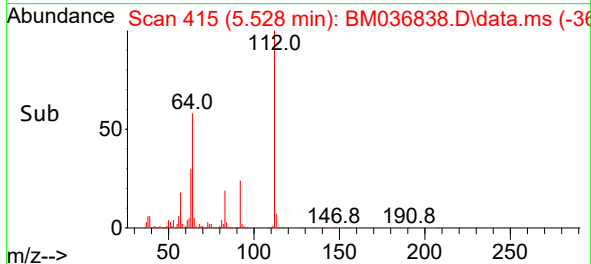
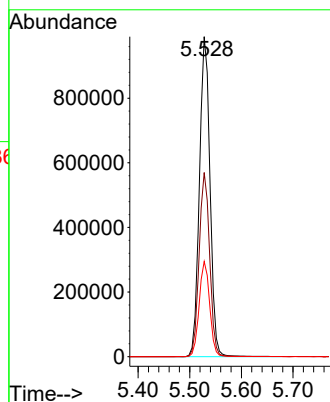
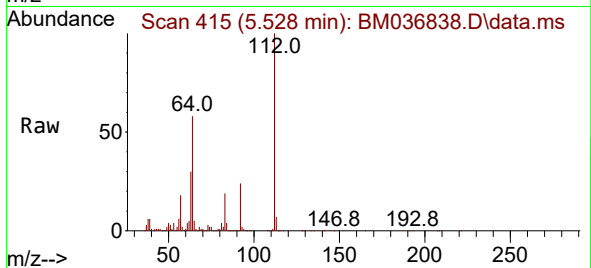




#5
2-Fluorophenol
Concen: 73.149 ng
RT: 5.528 min Scan# 415
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

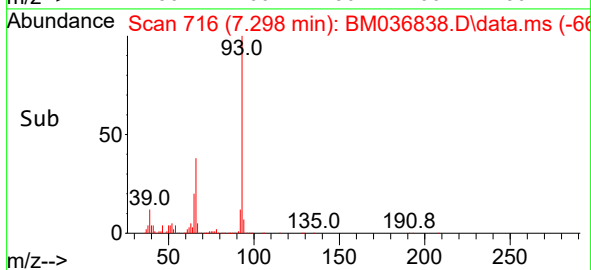
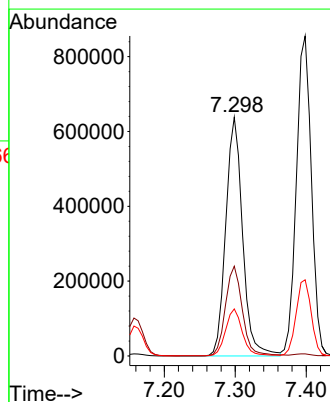
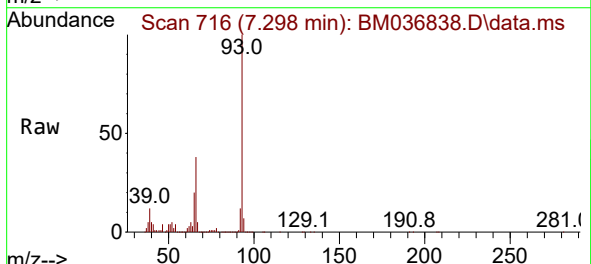
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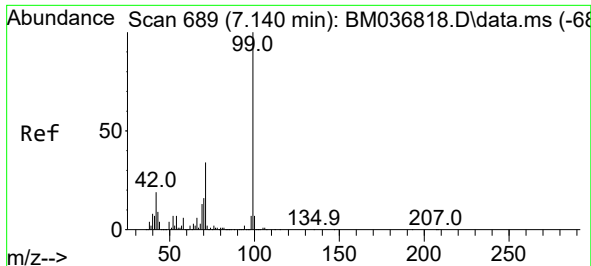
Tgt Ion:112 Resp: 1405036
Ion Ratio Lower Upper
112 100
64 57.6 49.6 74.4
63 29.8 26.2 39.4



#6
Aniline
Concen: 30.601 ng
RT: 7.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 93 Resp: 1048310
Ion Ratio Lower Upper
93 100
66 37.6 31.0 46.4
65 19.7 16.3 24.5

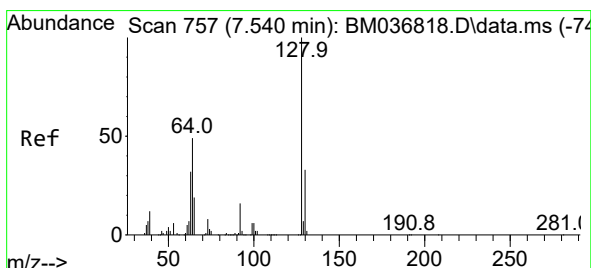
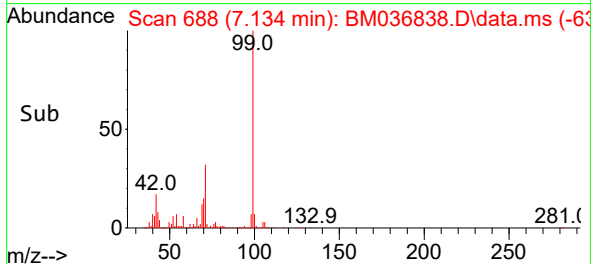
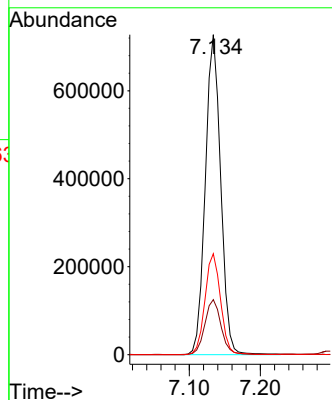
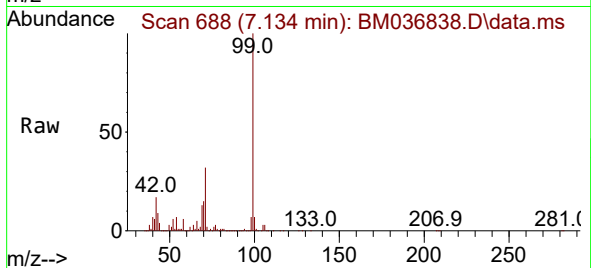




#7
Phenol-d6
Concen: 40.602 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

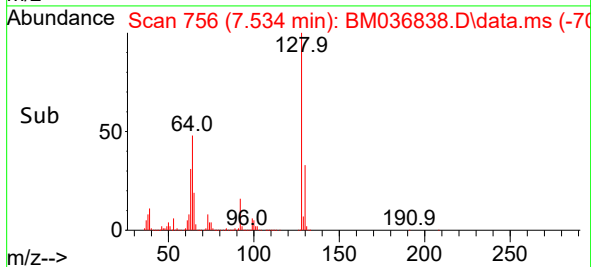
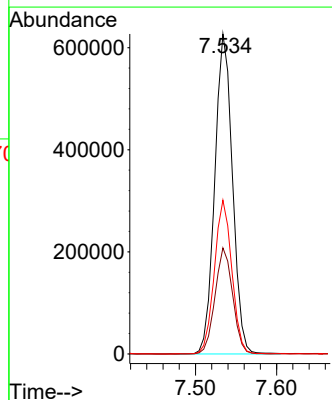
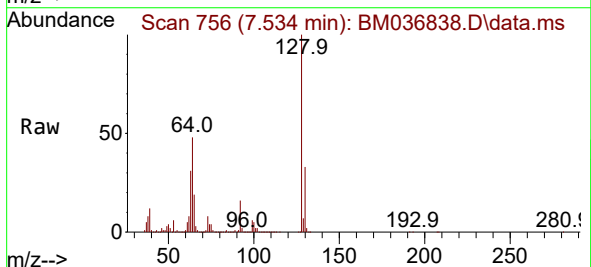
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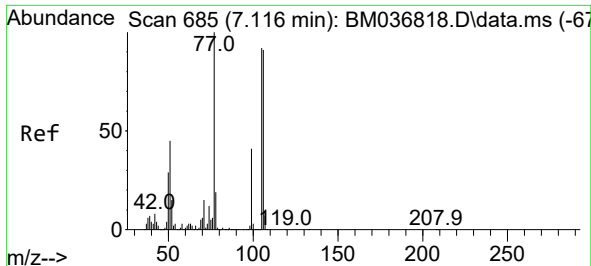
Tgt Ion: 99 Resp: 1095475
Ion Ratio Lower Upper
99 100
42 17.2 15.4 23.0
71 31.5 26.9 40.3



#8
2-Chlorophenol
Concen: 41.513 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 128 Resp: 951451
Ion Ratio Lower Upper
128 100
130 33.2 12.8 52.8
64 48.0 30.8 70.8

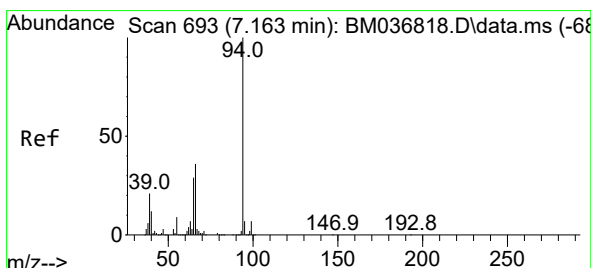
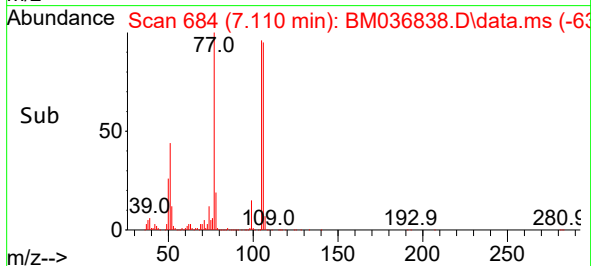
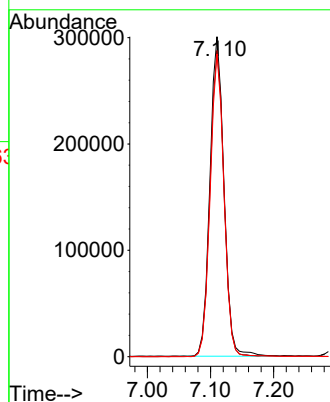
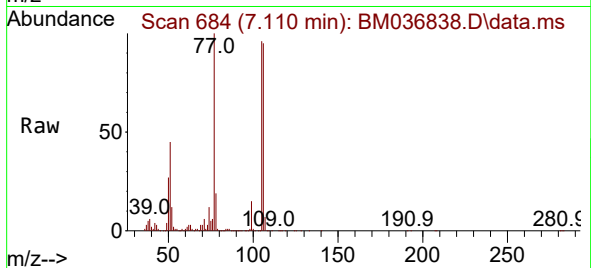




#9
Benzaldehyde
Concen: 26.807 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

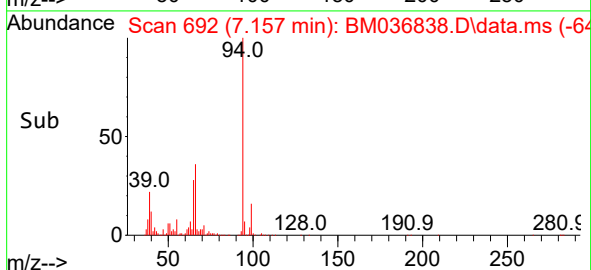
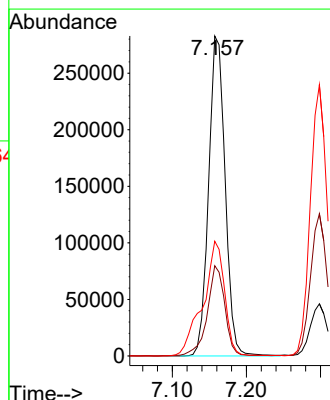
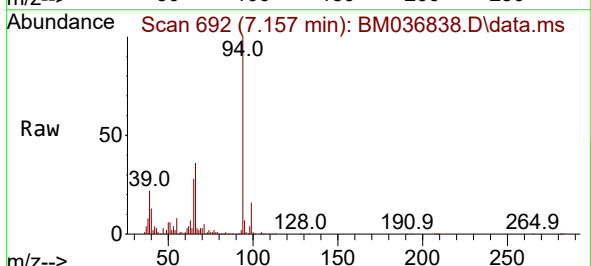
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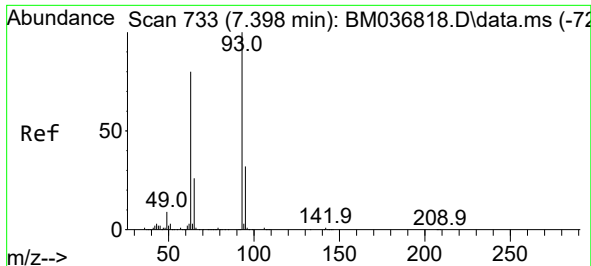
Tgt Ion: 77 Resp: 463254
Ion Ratio Lower Upper
77 100
105 95.7 72.4 112.4
106 94.6 70.9 110.9



#10
Phenol
Concen: 14.171 ng
RT: 7.157 min Scan# 692
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 94 Resp: 437915
Ion Ratio Lower Upper
94 100
65 28.2 8.8 48.8
66 35.8 16.6 56.6

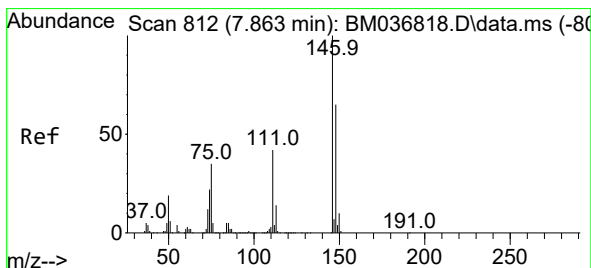
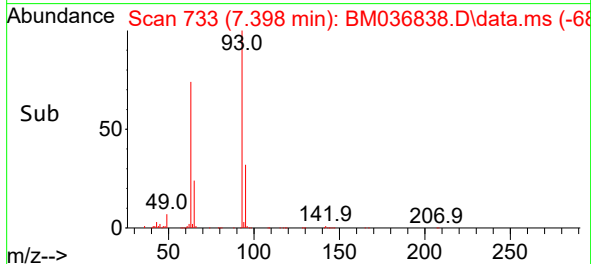
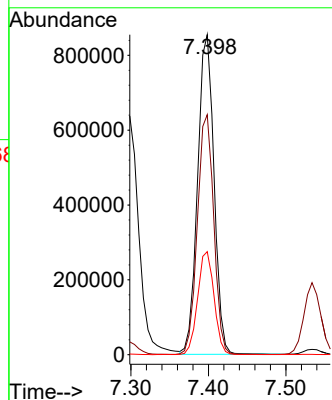
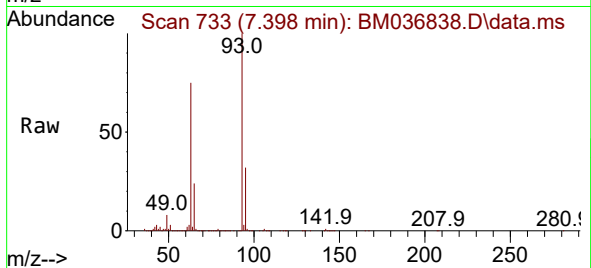




#11
bis(2-Chloroethyl)ether
Concen: 49.722 ng
RT: 7.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

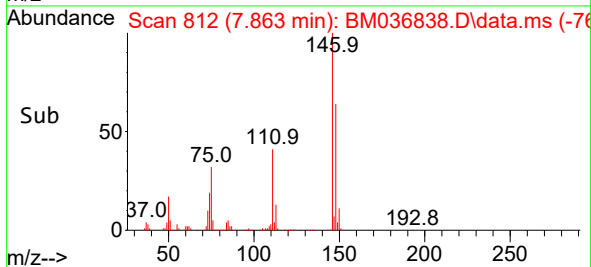
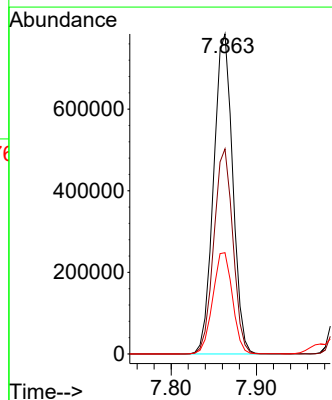
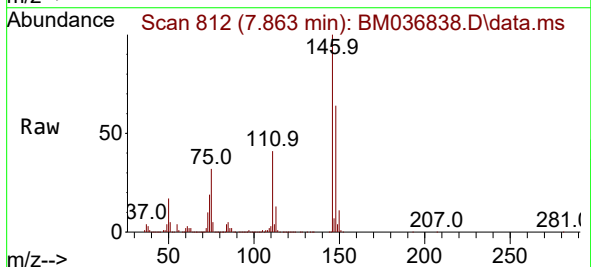
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

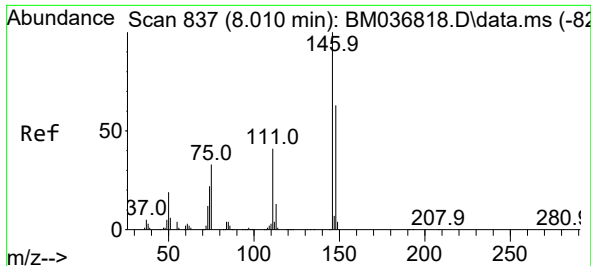
Tgt Ion: 93 Resp: 1255106
Ion Ratio Lower Upper
93 100
63 75.0 60.1 100.1
95 32.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 48.611 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 146 Resp: 1220649
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 31.6 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 48.944 ng

RT: 8.010 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

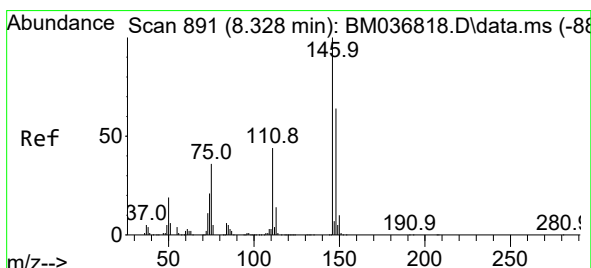
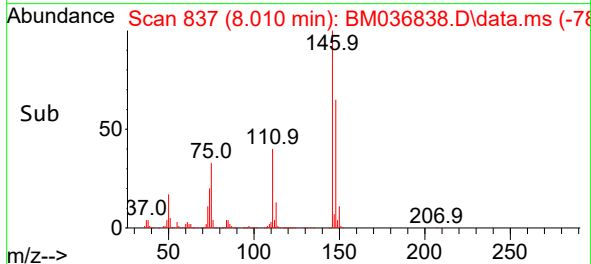
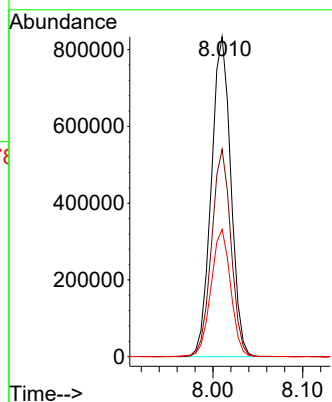
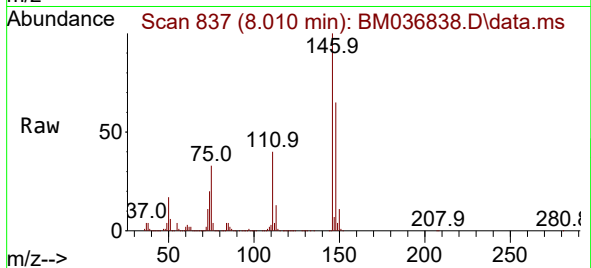
Tgt Ion:146 Resp: 1259522

Ion Ratio Lower Upper

146 100

148 64.8 50.4 75.6

111 39.8 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 49.499 ng

RT: 8.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

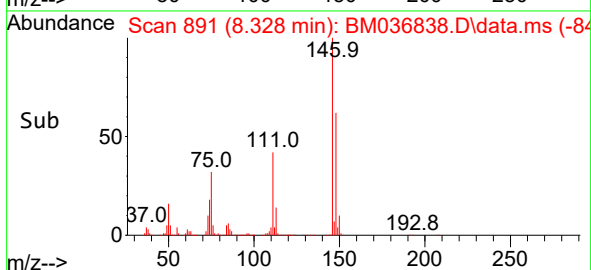
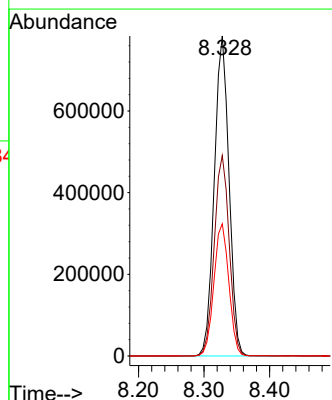
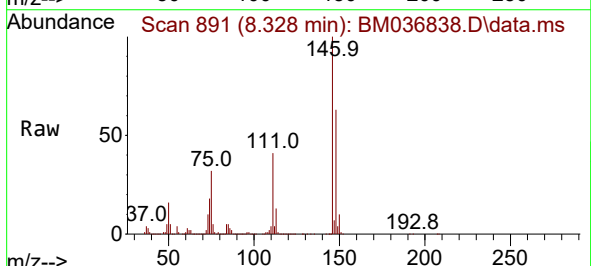
Tgt Ion:146 Resp: 1220151

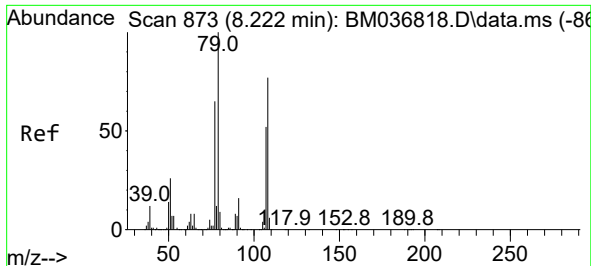
Ion Ratio Lower Upper

146 100

148 62.6 51.5 77.3

111 41.3 35.4 53.0

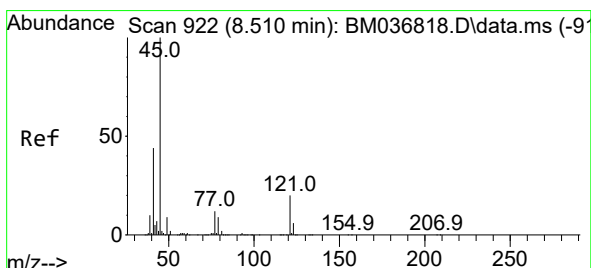
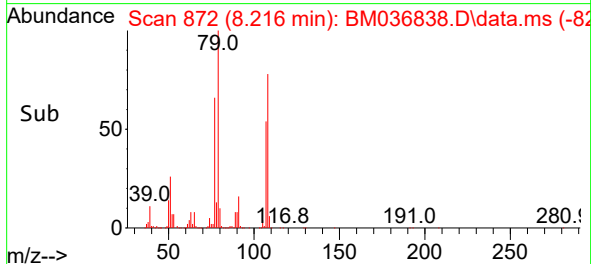
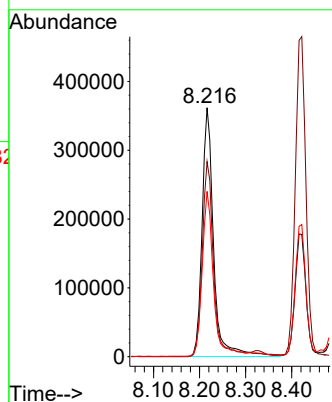
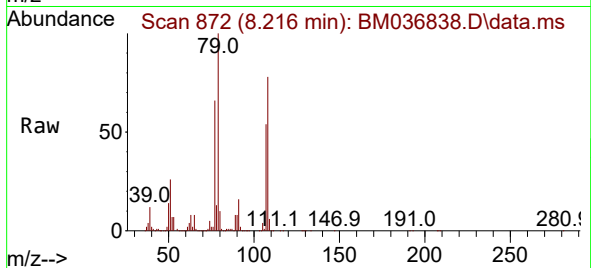




#15
Benzyl Alcohol
Concen: 30.002 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

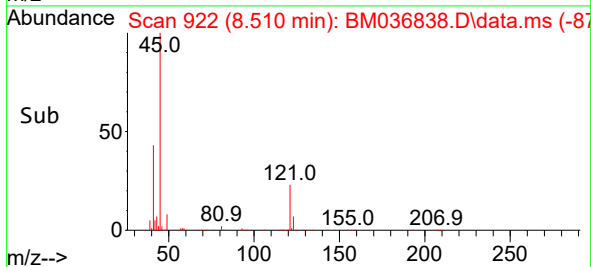
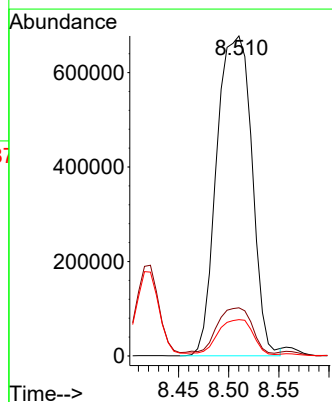
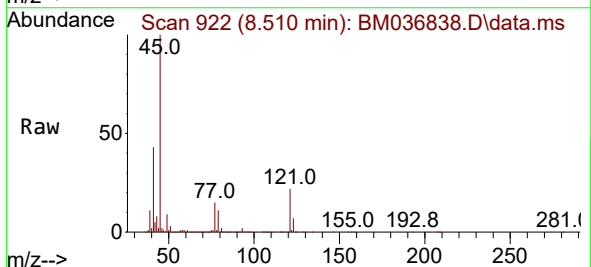
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

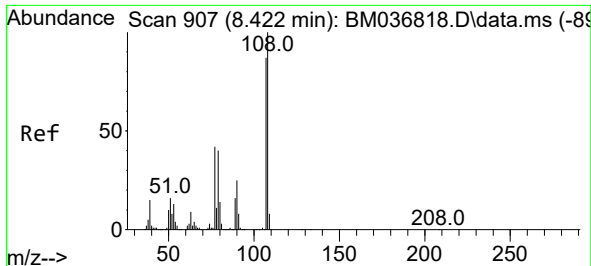
Tgt Ion: 79 Resp: 630685
Ion Ratio Lower Upper
79 100
108 78.3 61.8 92.6
77 66.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.755 ng
RT: 8.510 min Scan# 922
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 45 Resp: 1650013
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.0
79 11.4 0.0 30.6

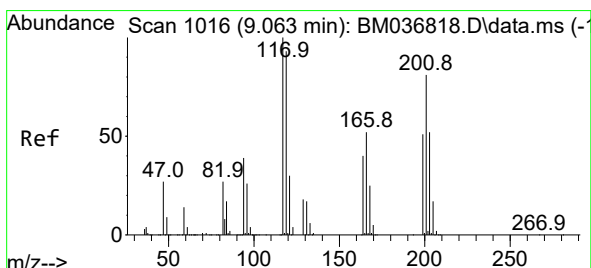
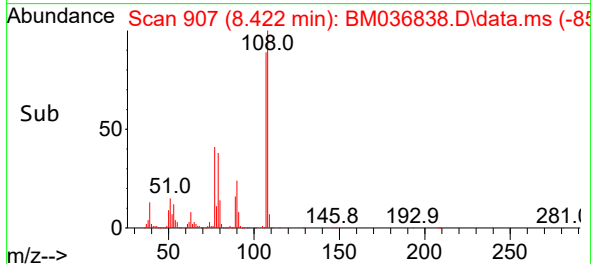
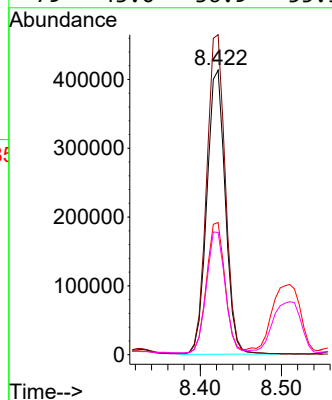
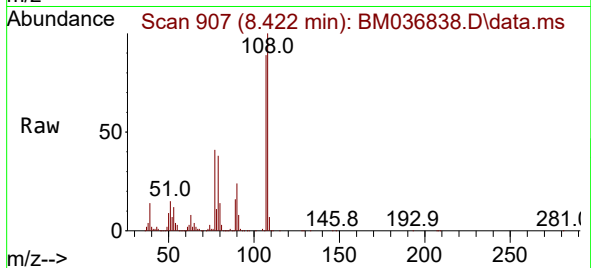




#17
2-Methylphenol
Concen: 32.238 ng
RT: 8.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

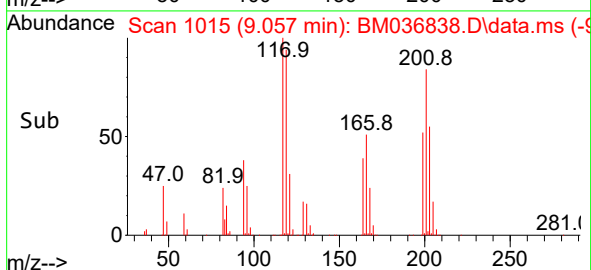
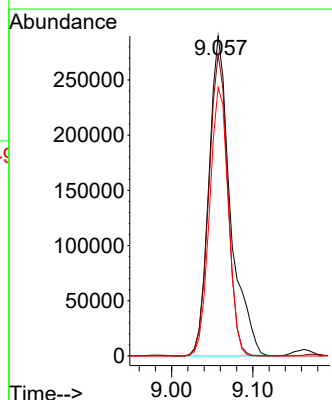
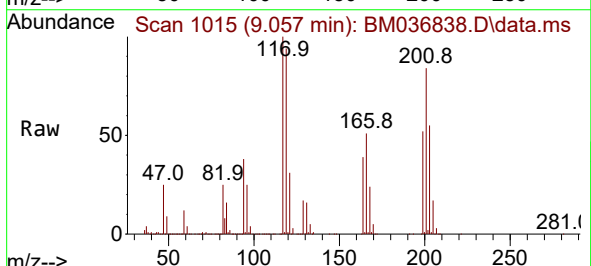
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

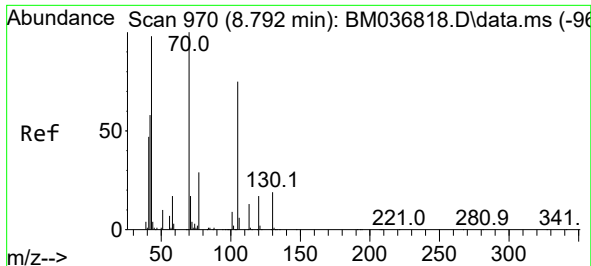
Tgt Ion:	107	Resp:	650475
Ion Ratio	Lower	Upper	
107	100		
108	112.5	91.8	137.6
77	46.5	38.6	57.8
79	43.0	36.9	55.3



#18
Hexachloroethane
Concen: 56.412 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:	117	Resp:	535537
Ion Ratio	Lower	Upper	
117	100		
119	94.3	74.4	111.6
201	83.9	65.0	97.4

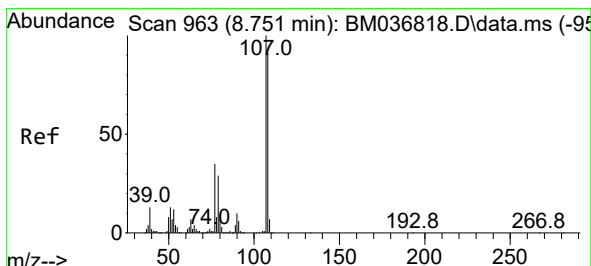
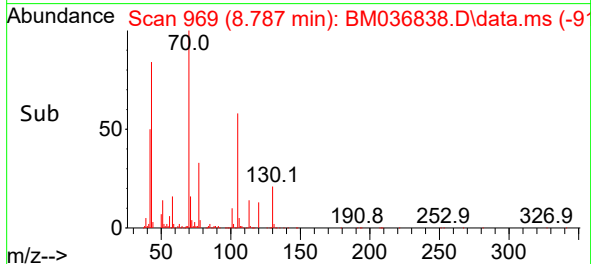
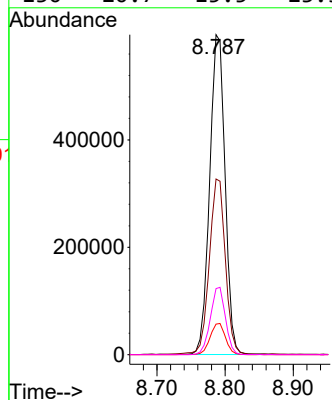
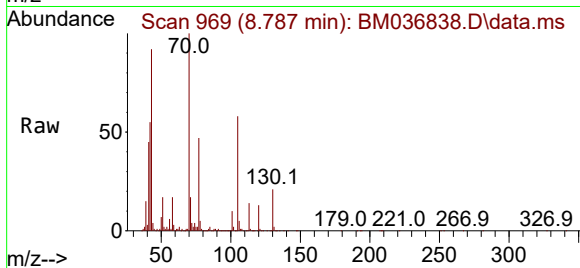




#19
n-Nitroso-di-n-propylamine
Concen: 45.702 ng
RT: 8.787 min Scan# 919
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

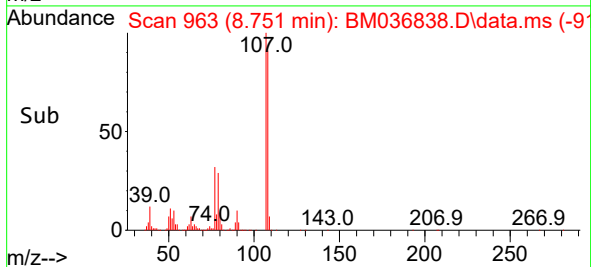
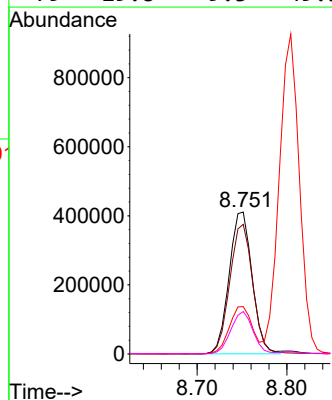
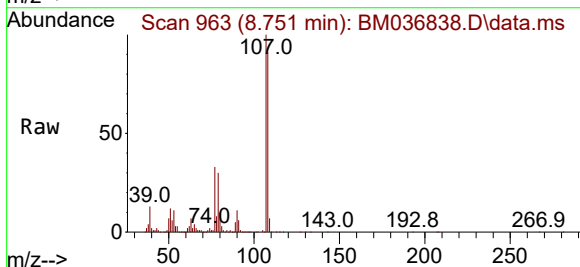
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

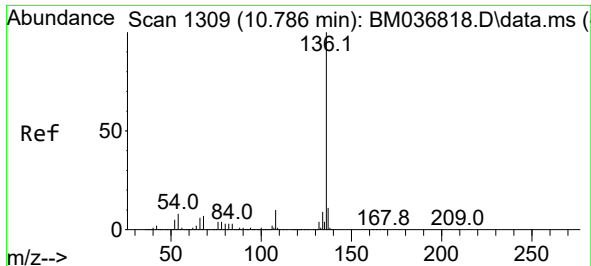
Tgt Ion: 70 Resp: 936623
Ion Ratio Lower Upper
70 100
42 54.9 47.0 70.6
101 9.5 7.4 11.0
130 20.7 15.5 23.3



#20
3+4-Methylphenols
Concen: 26.355 ng
RT: 8.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 107 Resp: 731027
Ion Ratio Lower Upper
107 100
108 91.4 70.8 110.8
77 33.4 15.1 55.1
79 29.8 9.3 49.3

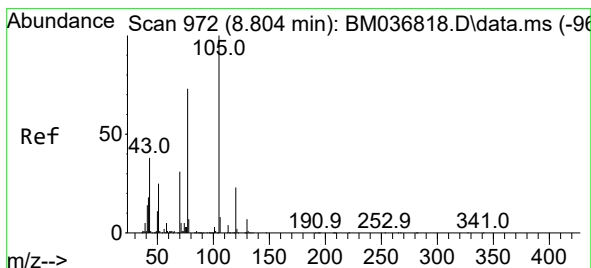
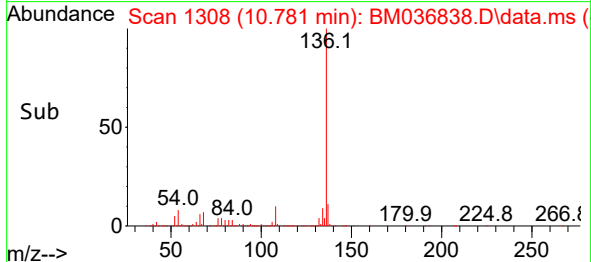
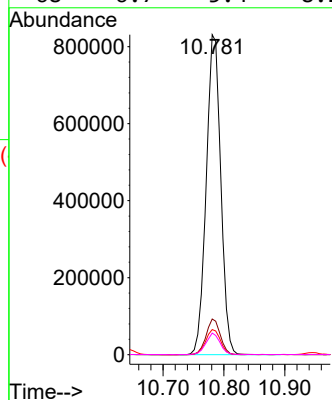
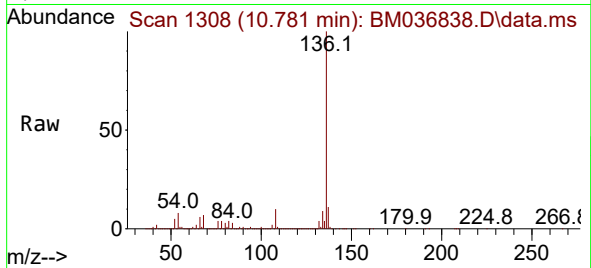




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

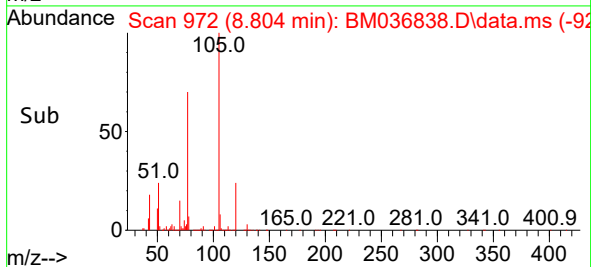
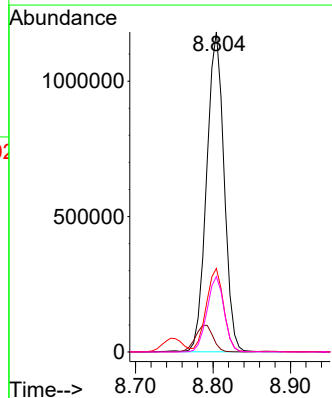
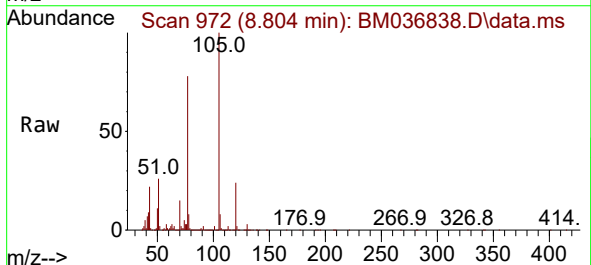
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

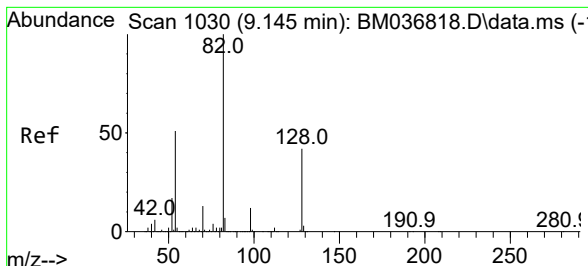
Tgt Ion:136 Resp: 1378356
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 6.7 10.1
68 6.7 5.4 8.2



#22
Acetophenone
Concen: 53.235 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:105 Resp: 1841756
Ion Ratio Lower Upper
105 100
71 2.4 4.5 6.7#
51 26.1 22.4 33.6
120 23.6 18.3 27.5

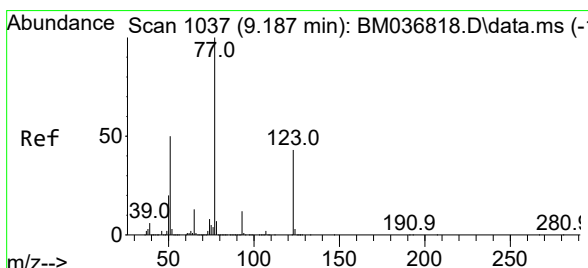
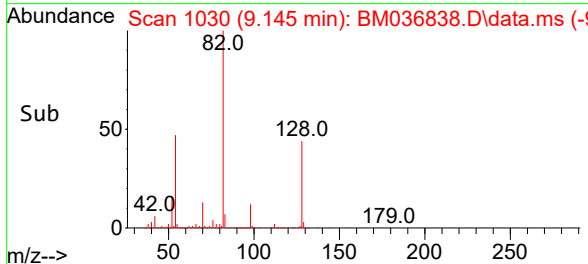
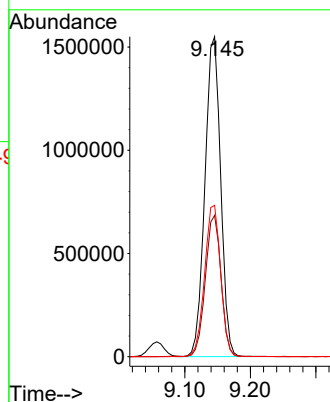
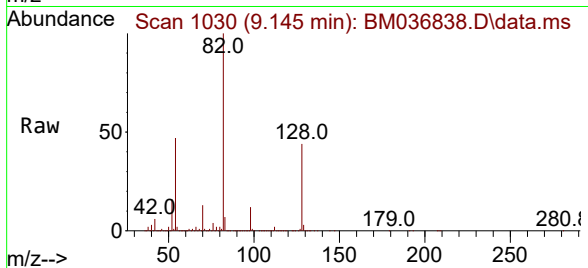




#23
Nitrobenzene-d5
Concen: 100.599 ng
RT: 9.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

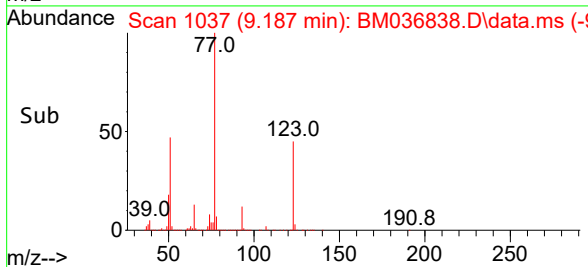
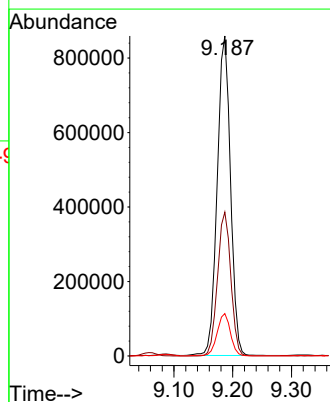
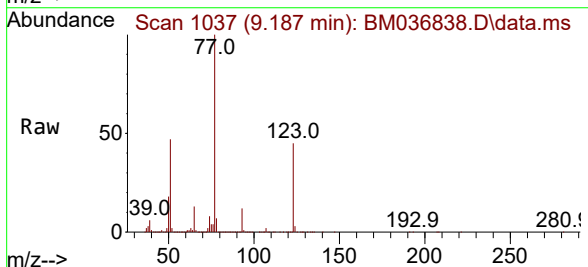
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

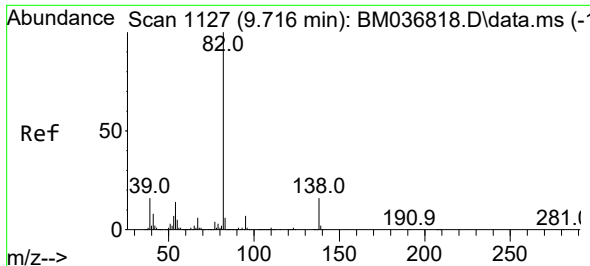
Tgt Ion: 82 Resp: 2592400
Ion Ratio Lower Upper
82 100
128 44.1 33.2 49.8
54 47.3 40.6 60.8



#24
Nitrobenzene
Concen: 49.406 ng
RT: 9.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 77 Resp: 1346432
Ion Ratio Lower Upper
77 100
123 45.0 34.2 51.2
65 13.3 10.7 16.1

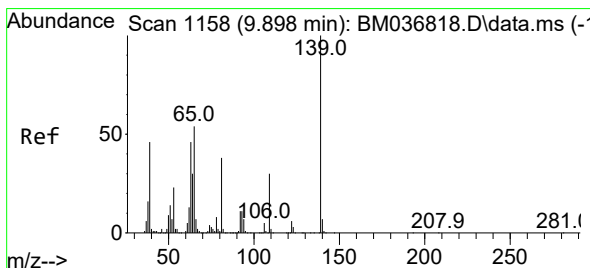
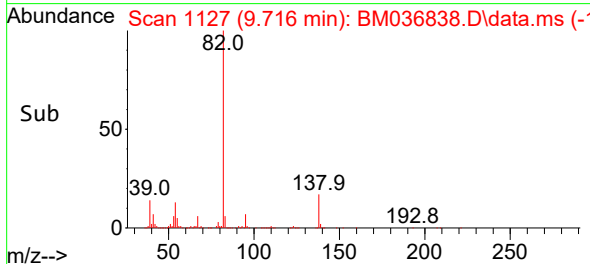
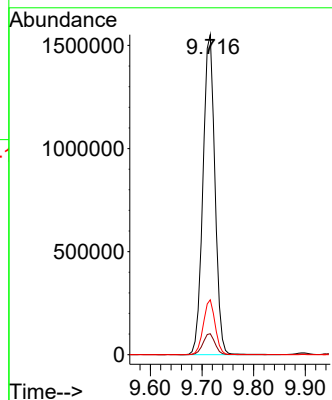
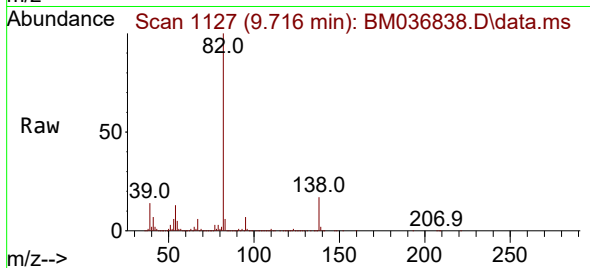




#25
Isophorone
Concen: 52.263 ng
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

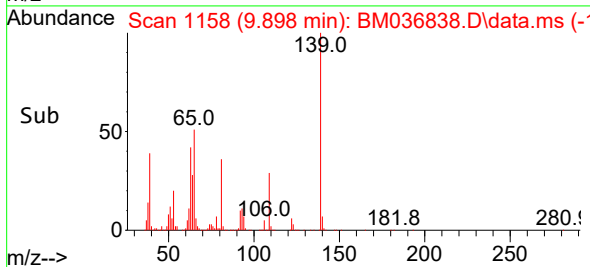
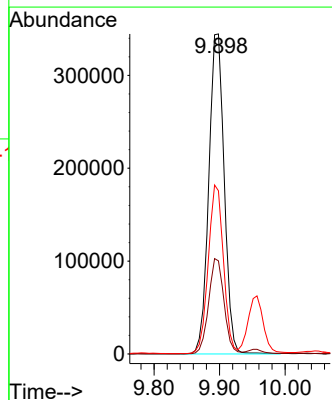
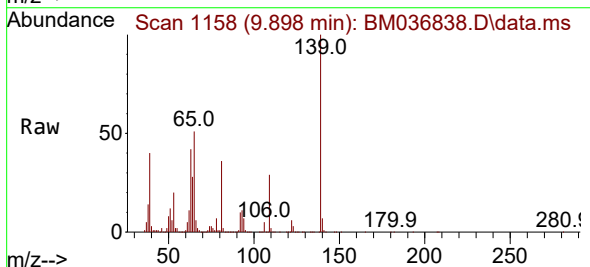
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

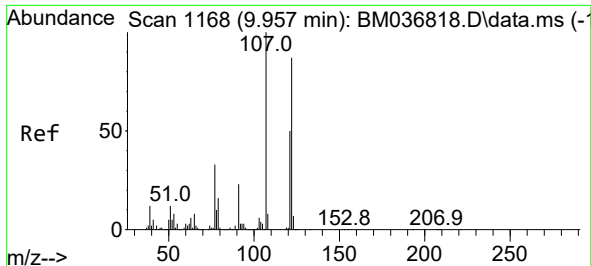
Tgt Ion: 82 Resp: 2489864
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.1 12.5 18.7



#26
2-Nitrophenol
Concen: 51.756 ng
RT: 9.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 139 Resp: 565073
Ion Ratio Lower Upper
139 100
109 29.1 24.2 36.2
65 51.0 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 54.945 ng

RT: 9.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

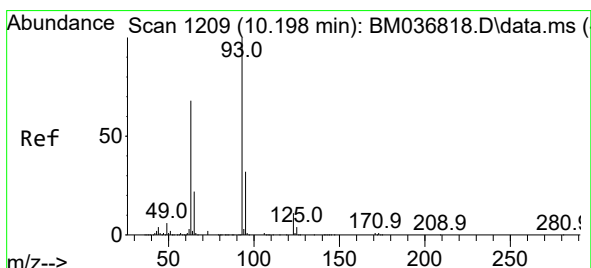
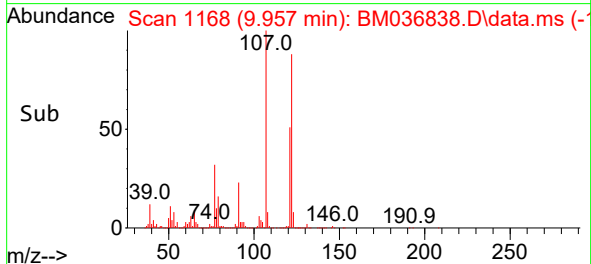
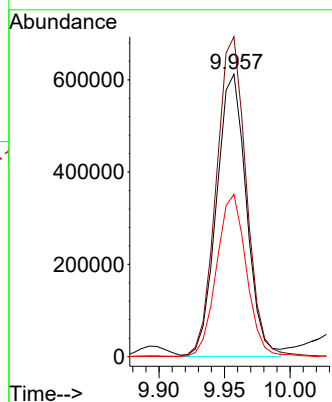
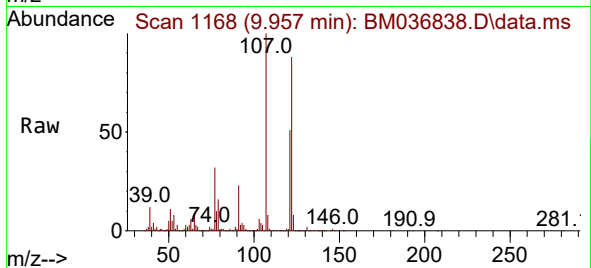
Tgt Ion:122 Resp: 968582

Ion Ratio Lower Upper

122 100

107 113.3 91.7 137.5

121 57.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 53.876 ng

RT: 10.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

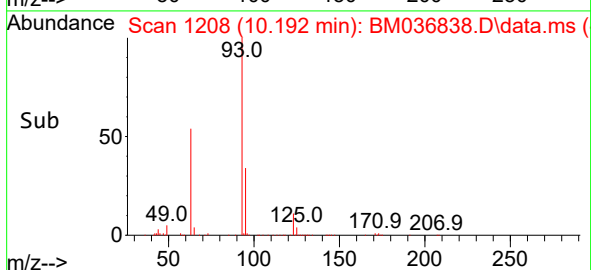
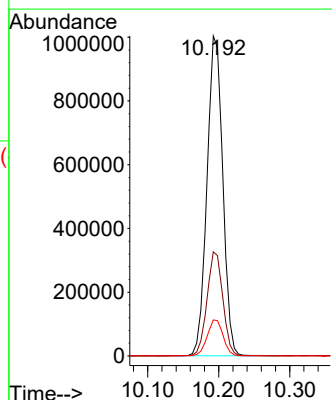
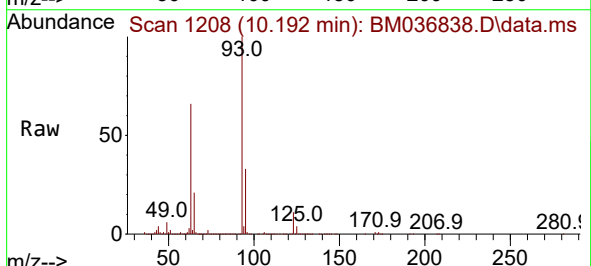
Tgt Ion: 93 Resp: 1552612

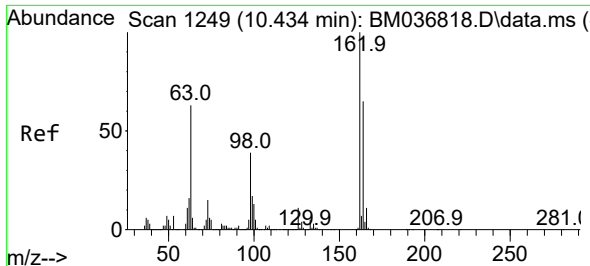
Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

123 11.3 9.0 13.4

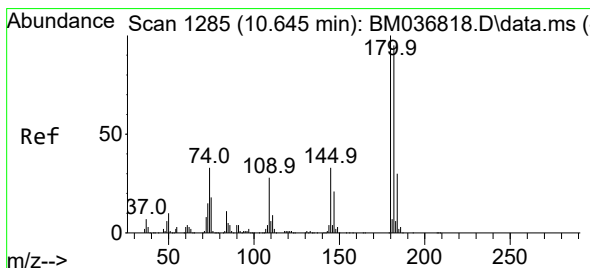
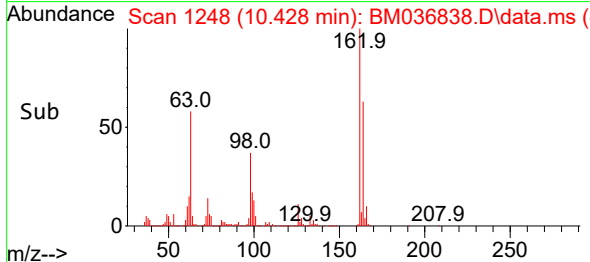
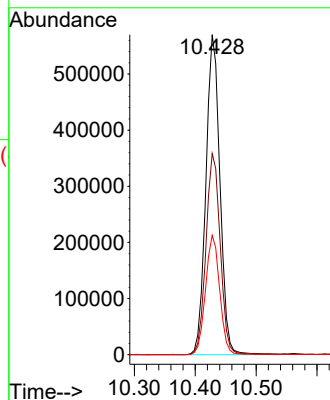
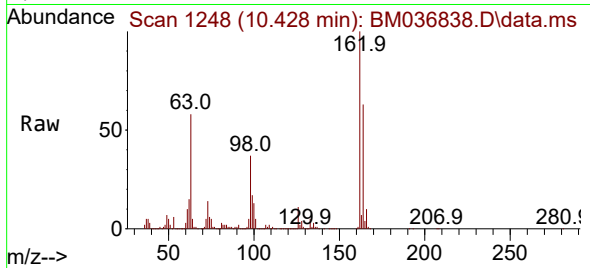




#29
2,4-Dichlorophenol
Concen: 49.170 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

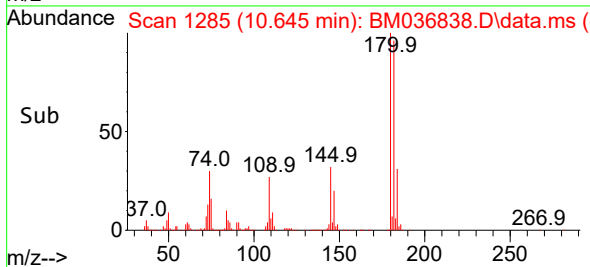
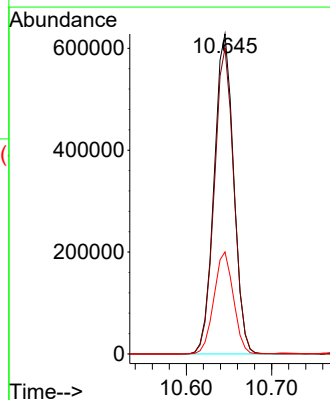
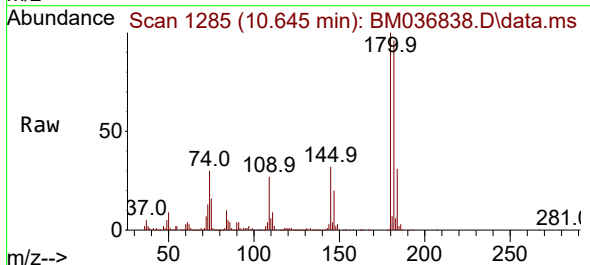
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

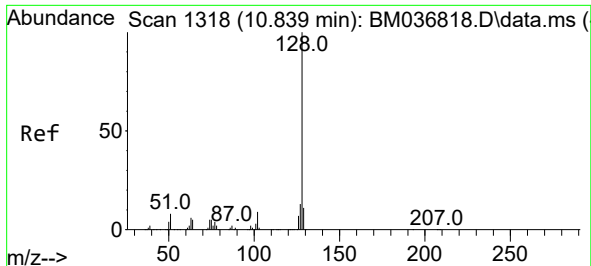
Tgt Ion:162 Resp: 915215
Ion Ratio Lower Upper
162 100
164 62.8 45.0 85.0
98 37.3 19.4 59.4



#30
1,2,4-Trichlorobenzene
Concen: 49.875 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:180 Resp: 999603
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.8
145 31.9 26.2 39.2

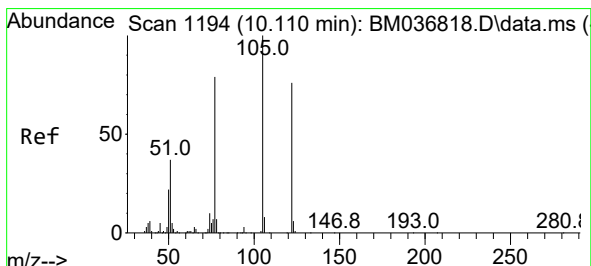
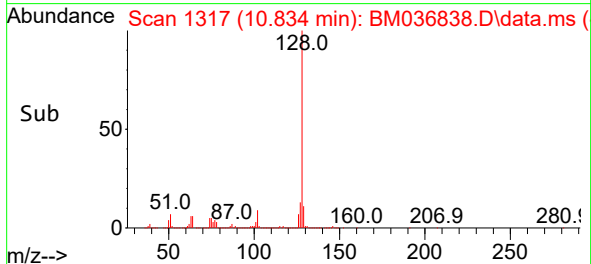
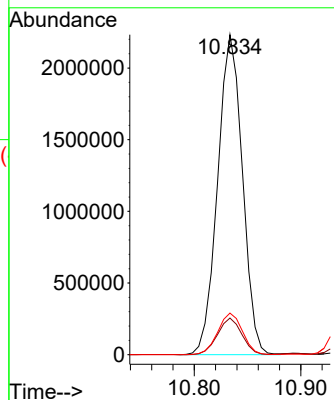
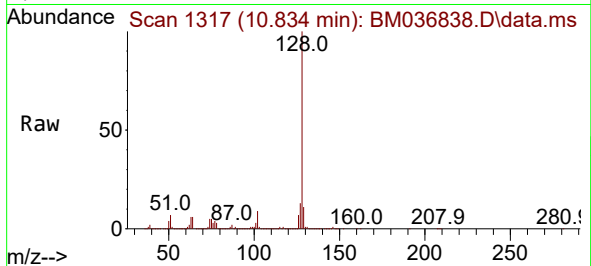




#31
Naphthalene
Concen: 48.458 ng
RT: 10.834 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

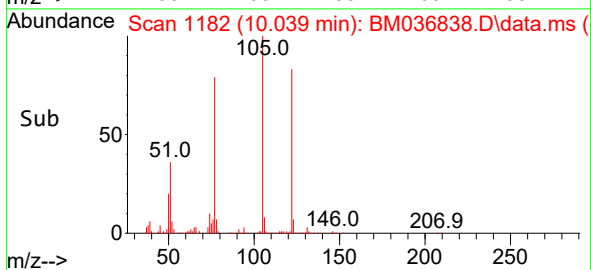
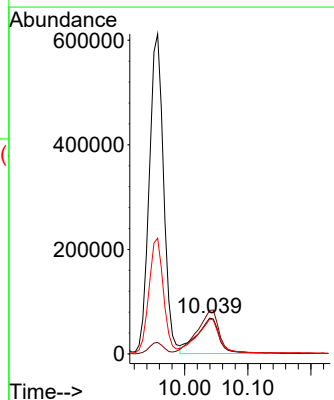
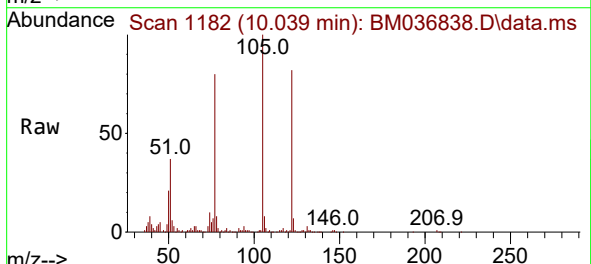
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

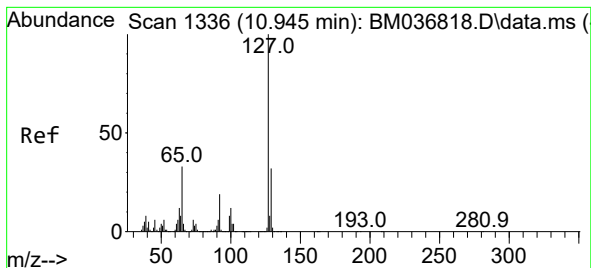
Tgt Ion:128 Resp: 3608467
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 16.473 ng
RT: 10.039 min Scan# 1182
Delta R.T. -0.071 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:122 Resp: 171218
Ion Ratio Lower Upper
122 100
105 121.3 106.4 146.4
77 97.1 81.4 121.4

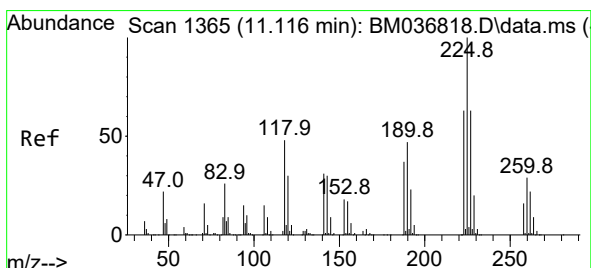
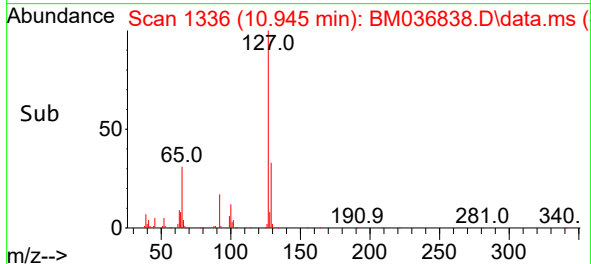
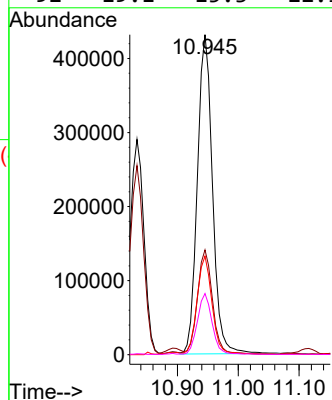
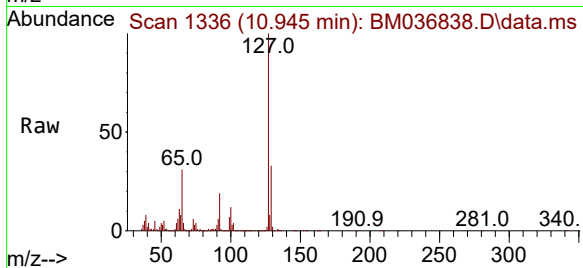




#33
4-Chloroaniline
Concen: 24.863 ng
RT: 10.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

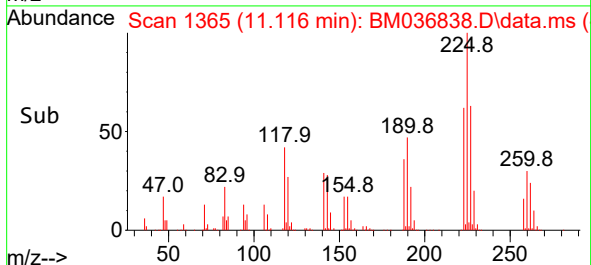
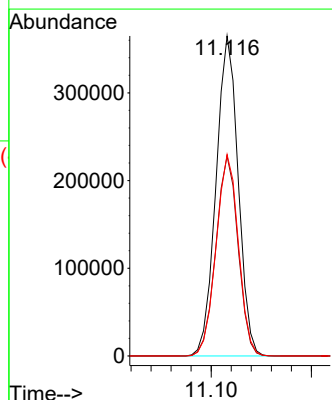
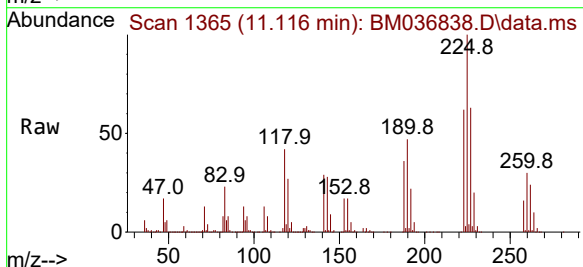
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

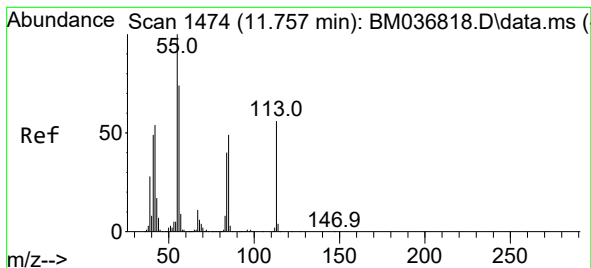
Tgt Ion:	127	Resp:	744233
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	30.8	26.4	39.6
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 51.003 ng
RT: 11.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:	225	Resp:	559042
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.4	75.6
227	63.0	50.7	76.1

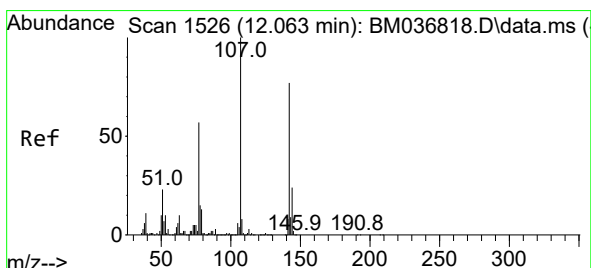
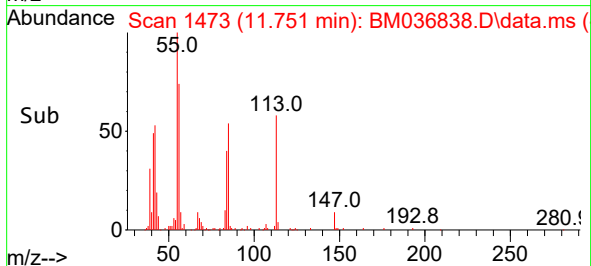
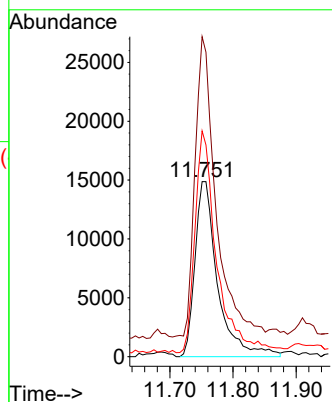
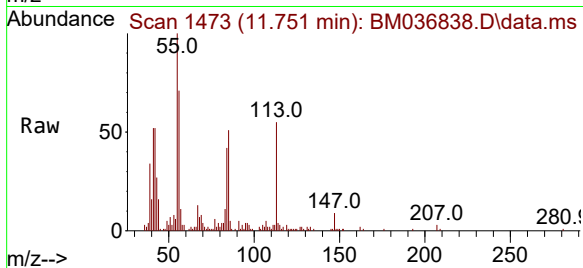




#35
Caprolactam
Concen: 5.772 ng
RT: 11.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

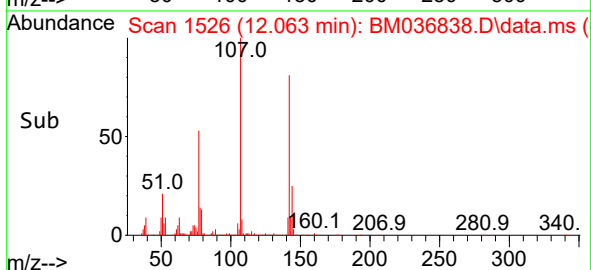
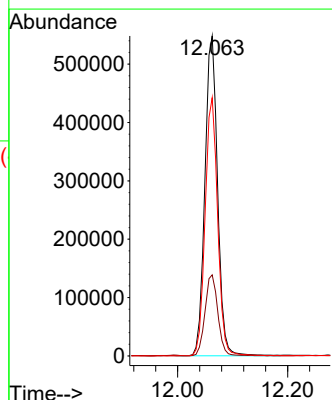
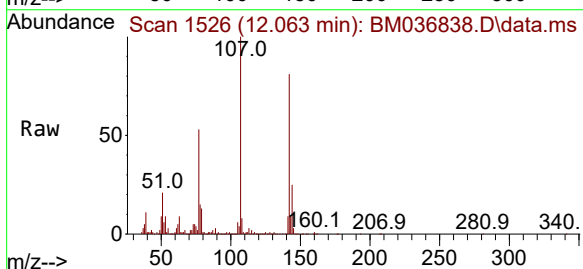
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

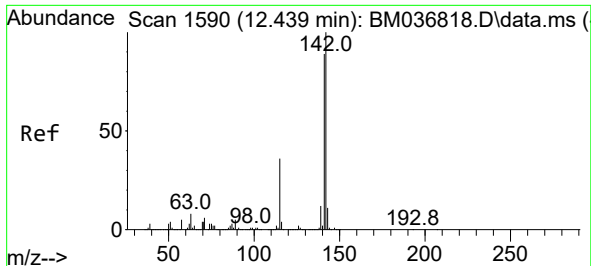
Tgt Ion:113 Resp: 37077
Ion Ratio Lower Upper
113 100
55 182.8 158.3 198.3
56 129.0 112.5 152.5



#36
4-Chloro-3-methylphenol
Concen: 40.041 ng
RT: 12.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:107 Resp: 876195
Ion Ratio Lower Upper
107 100
144 25.3 19.4 29.2
142 80.7 61.8 92.6



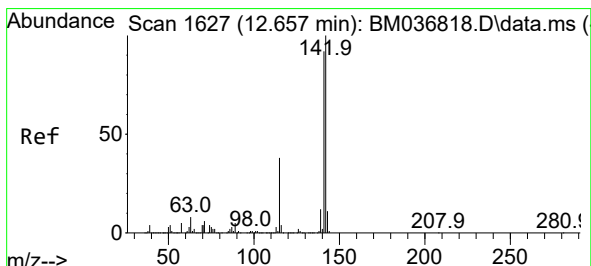
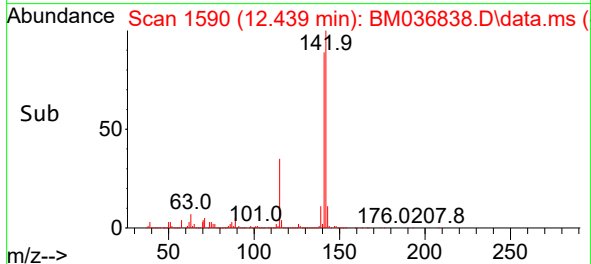
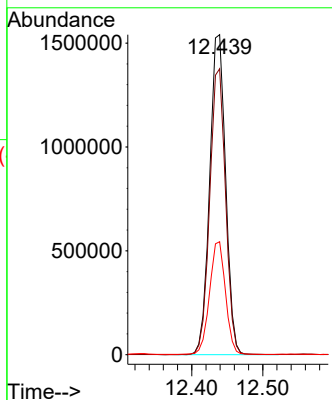
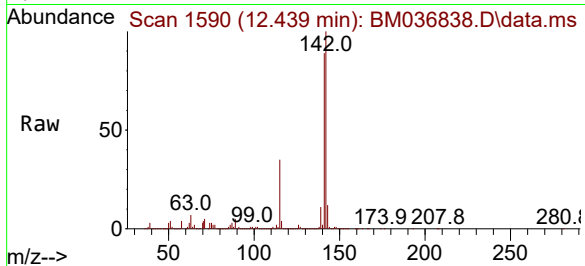


#37
2-Methylnaphthalene
Concen: 48.000 ng
RT: 12.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Instrument :
BNA_M
ClientSampleId :
MW-05MSD

Tgt Ion:142 Resp: 2400973

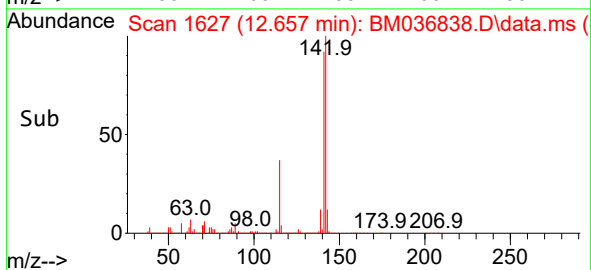
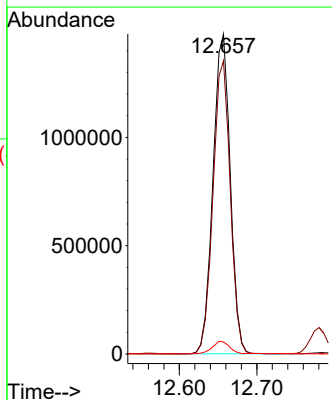
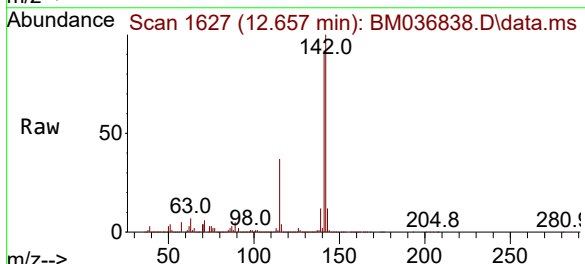
Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	35.3	29.0	43.6

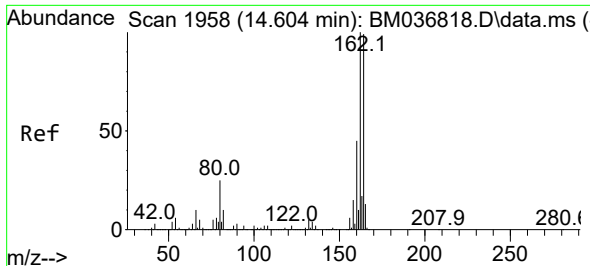


#38
1-Methylnaphthalene
Concen: 46.562 ng
RT: 12.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:142 Resp: 2279465

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.6	110.4
116	3.8	3.3	4.9

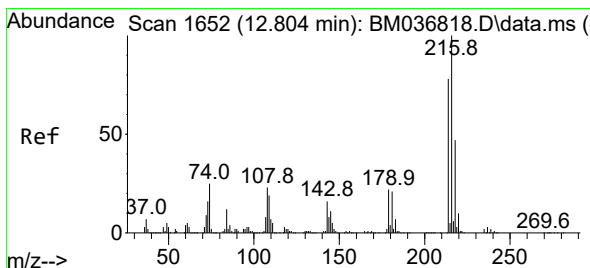
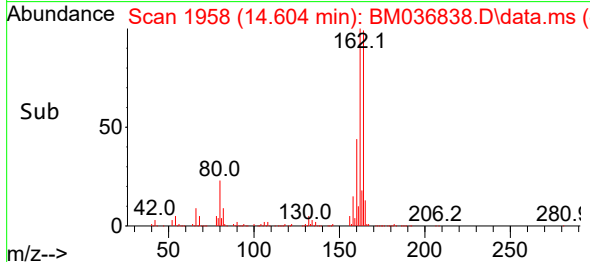
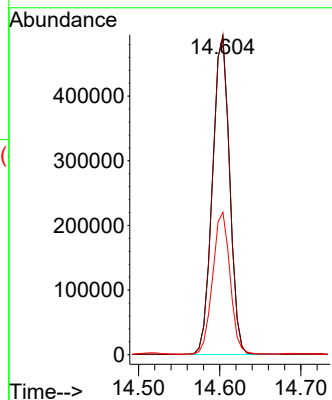
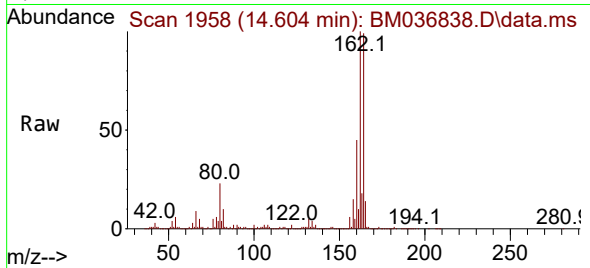




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

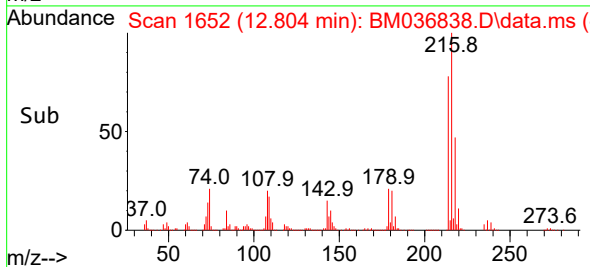
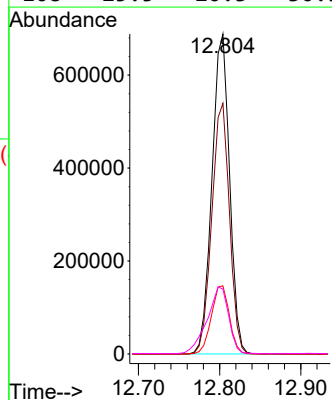
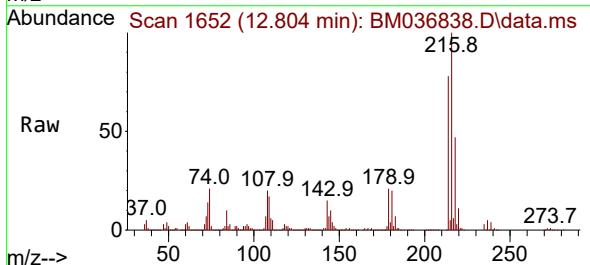
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

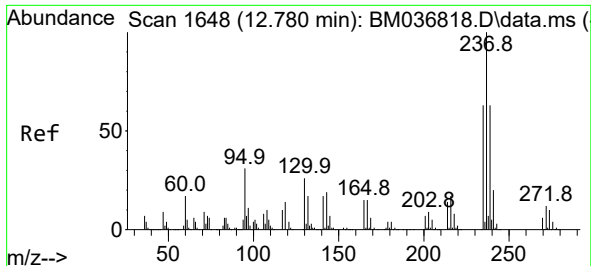
Tgt Ion:164 Resp: 722506
Ion Ratio Lower Upper
164 100
162 101.2 80.5 120.7
160 45.0 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.428 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:216 Resp: 1036306
Ion Ratio Lower Upper
216 100
214 78.6 63.2 94.8
179 21.8 18.0 27.0
108 25.5 20.3 30.5

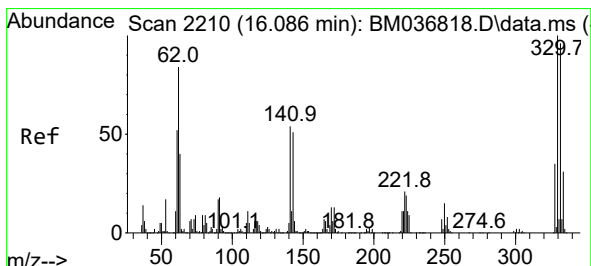
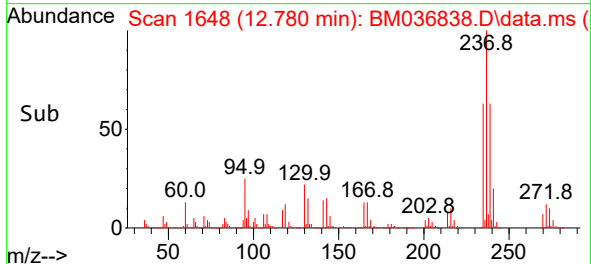
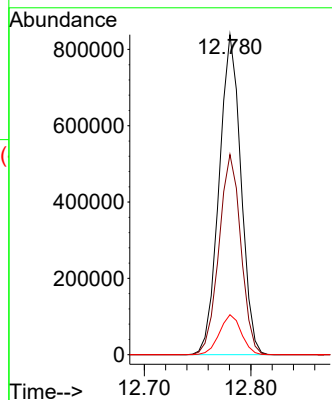
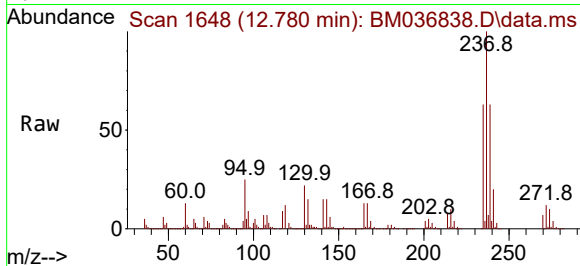




#41
Hexachlorocyclopentadiene
Concen: 137.005 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

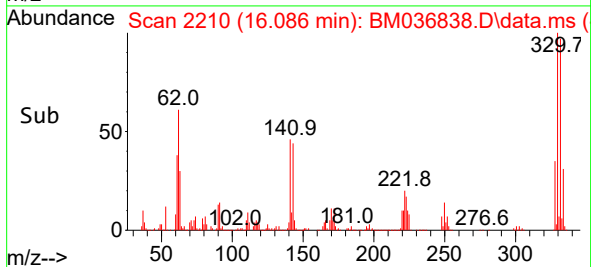
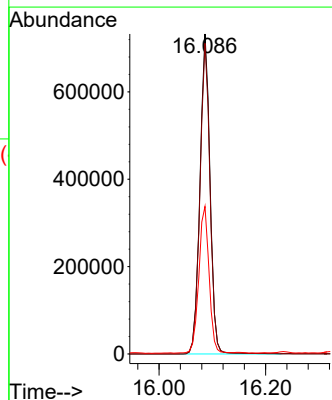
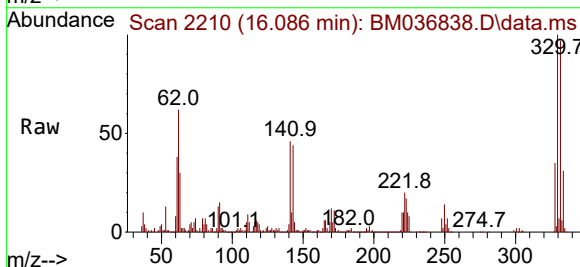
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

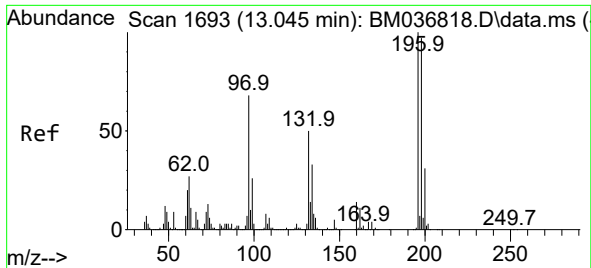
Tgt Ion:237 Resp: 1190293
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 12.5 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 170.105 ng
RT: 16.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:330 Resp: 963915
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 46.6 41.5 62.3

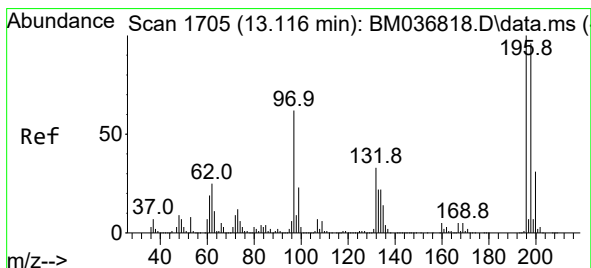
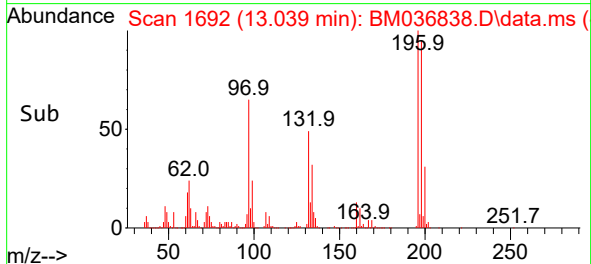
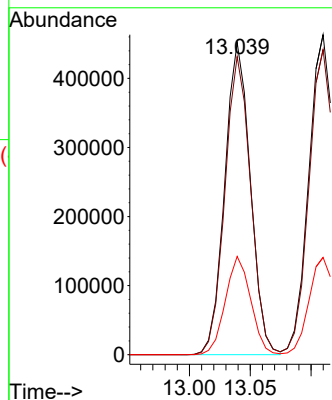
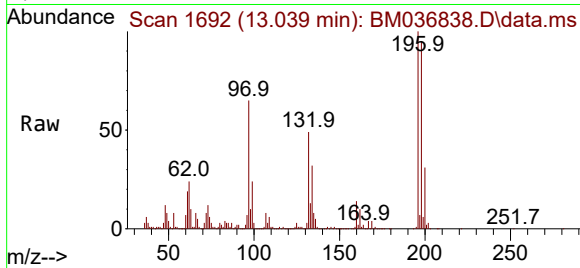




#43
2,4,6-Trichlorophenol
Concen: 54.396 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

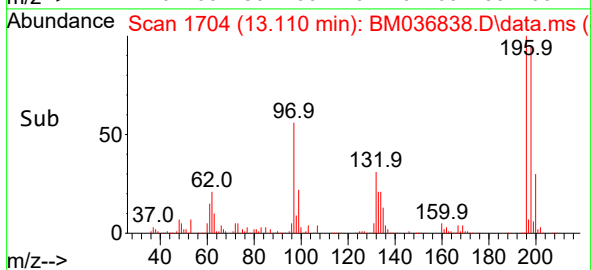
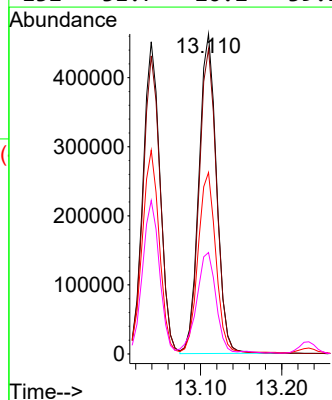
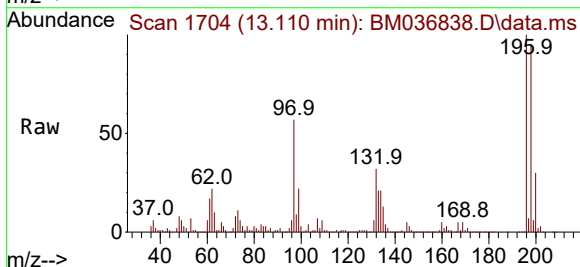
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

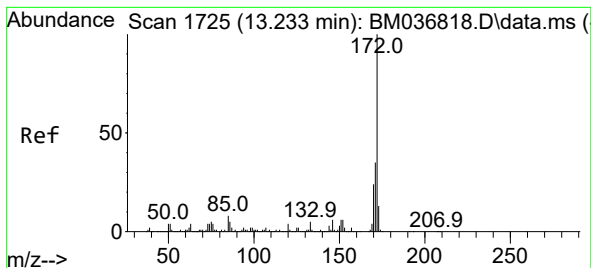
Tgt Ion:196 Resp: 661460
Ion Ratio Lower Upper
196 100
198 95.5 77.5 116.3
200 31.5 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 51.658 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:196 Resp: 699191
Ion Ratio Lower Upper
196 100
198 95.4 76.9 115.3
97 56.7 49.4 74.0
132 31.7 26.2 39.2





#45

2-Fluorobiphenyl

Concen: 108.204 ng

RT: 13.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

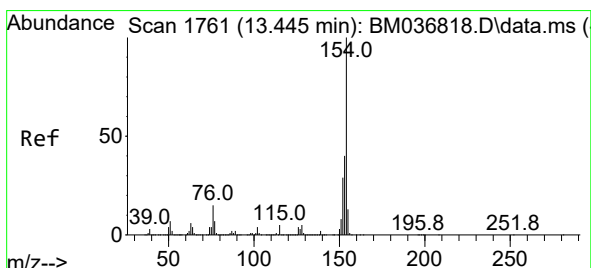
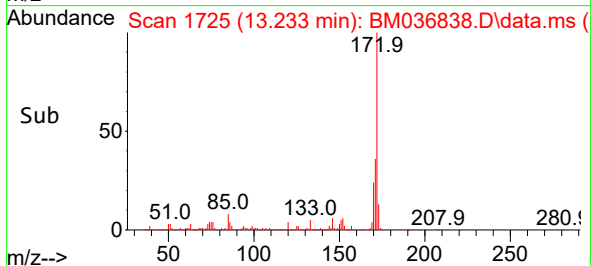
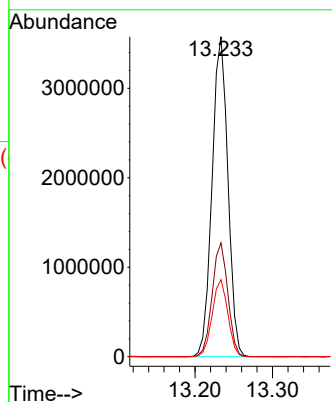
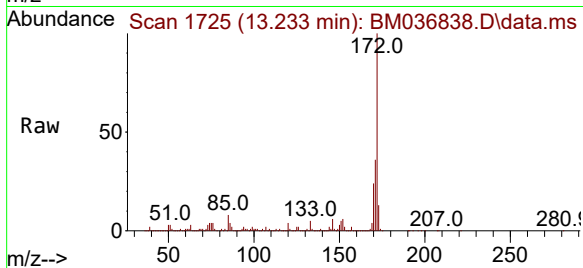
Tgt Ion:172 Resp: 5070186

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 55.812 ng

RT: 13.439 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

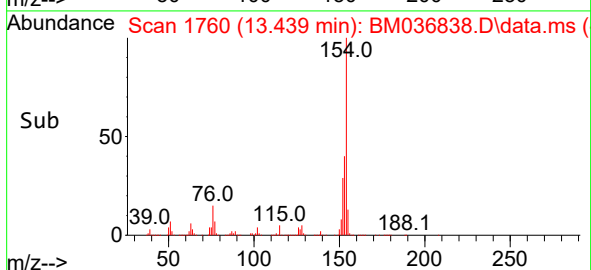
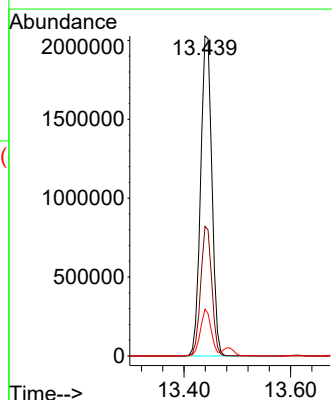
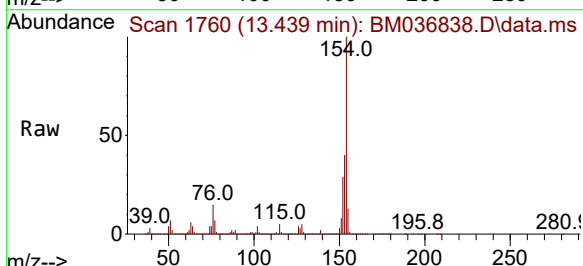
Tgt Ion:154 Resp: 2972863

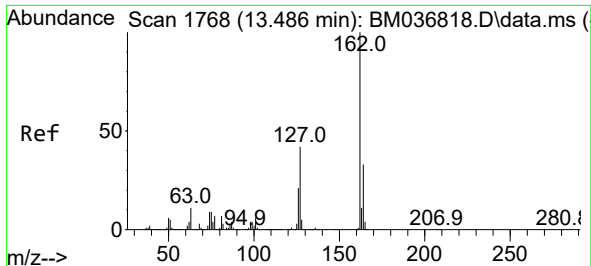
Ion Ratio Lower Upper

154 100

153 40.5 20.2 60.2

76 14.6 0.0 35.0

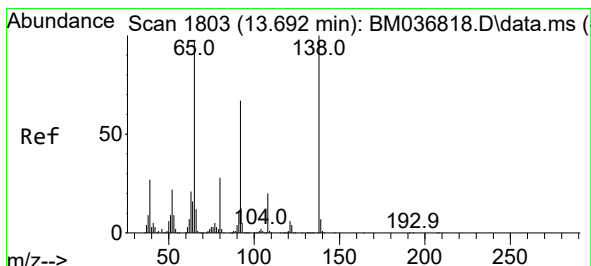
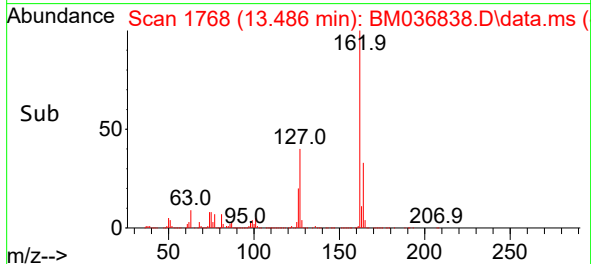
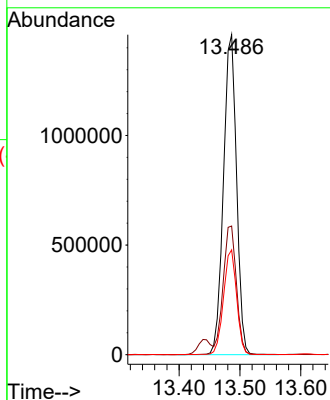
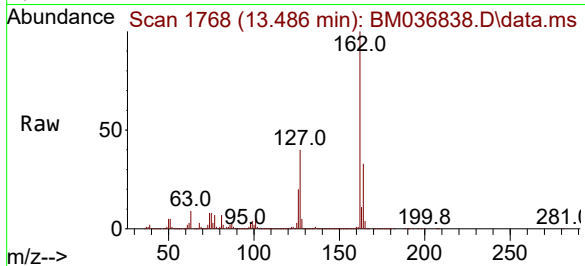




#47
2-Chloronaphthalene
Concen: 53.263 ng
RT: 13.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

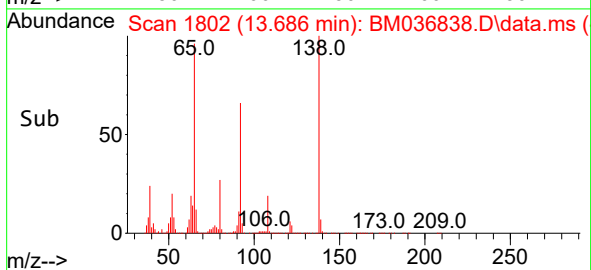
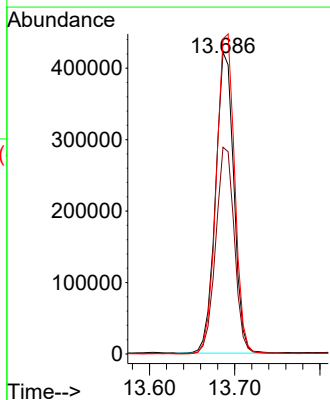
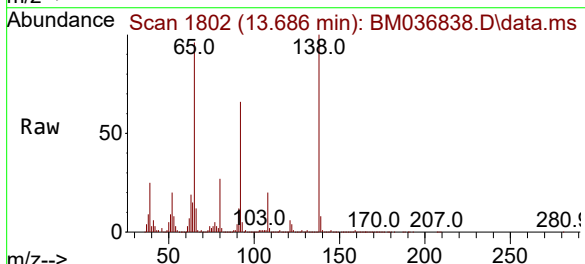
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

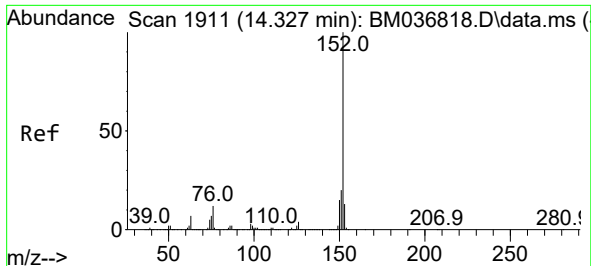
Tgt Ion:162 Resp: 2178691
Ion Ratio Lower Upper
162 100
127 40.2 33.4 50.2
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 44.225 ng
RT: 13.686 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion: 65 Resp: 629469
Ion Ratio Lower Upper
65 100
92 68.5 55.0 82.4
138 104.4 82.5 123.7

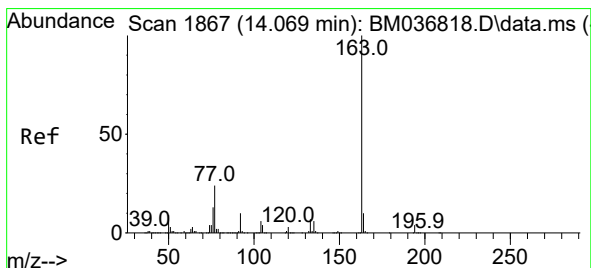
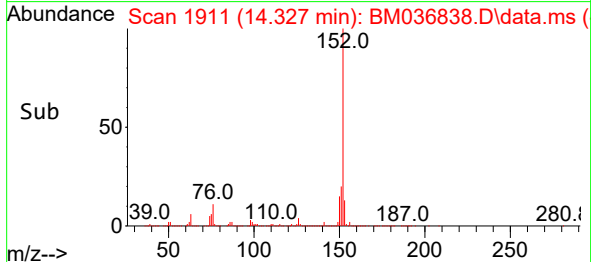
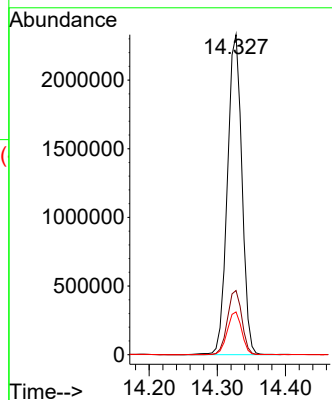
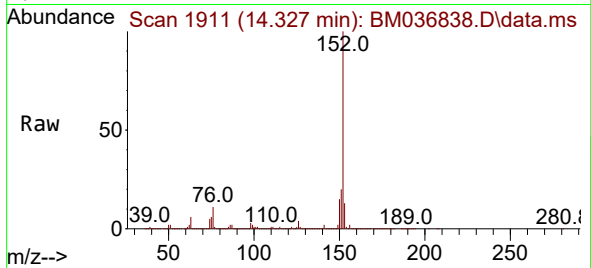




#49
Acenaphthylene
Concen: 51.996 ng
RT: 14.327 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

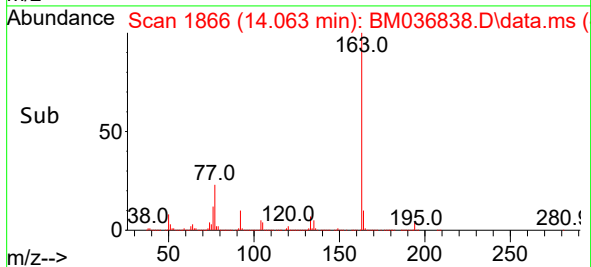
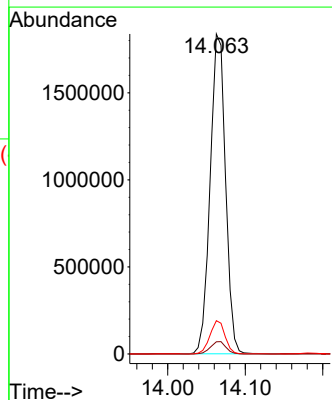
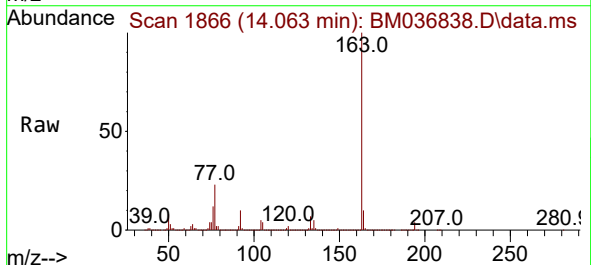
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

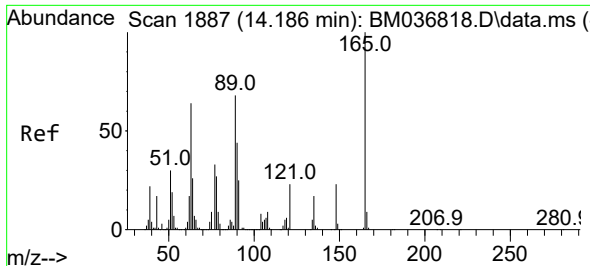
Tgt Ion:152 Resp: 3444374
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 49.648 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:163 Resp: 2529619
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 52.463 ng

RT: 14.180 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

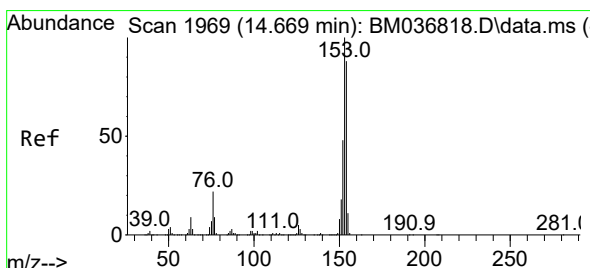
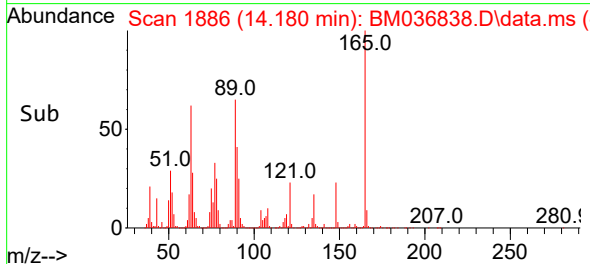
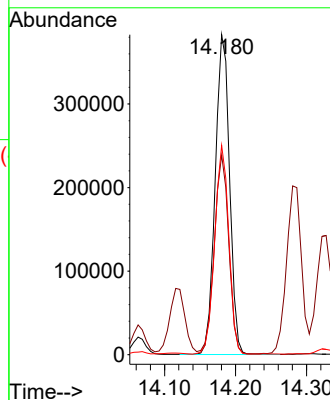
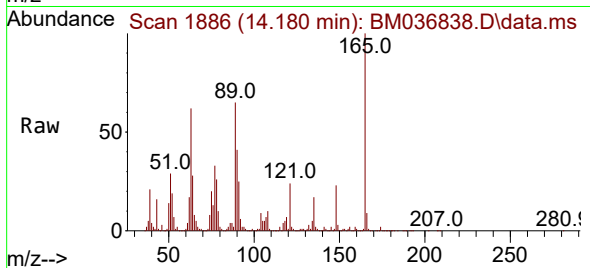
Tgt Ion:165 Resp: 534093

Ion Ratio Lower Upper

165 100

63 62.4 54.4 81.6

89 65.4 54.7 82.1



#52

Acenaphthene

Concen: 51.785 ng

RT: 14.669 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

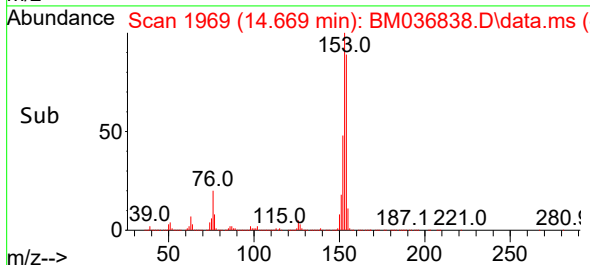
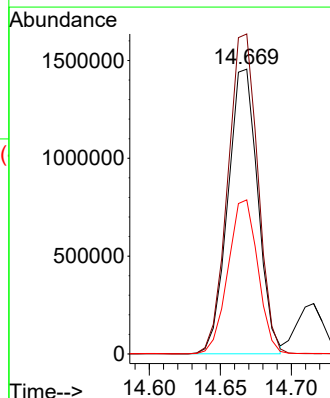
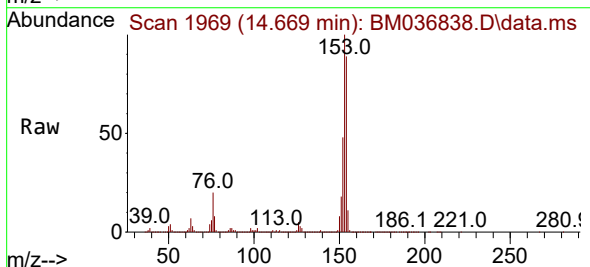
Tgt Ion:154 Resp: 2131732

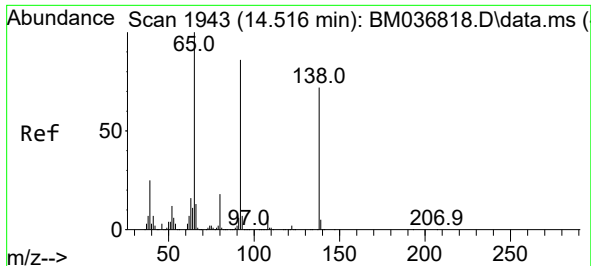
Ion Ratio Lower Upper

154 100

153 112.4 91.4 137.0

152 54.1 44.0 66.0

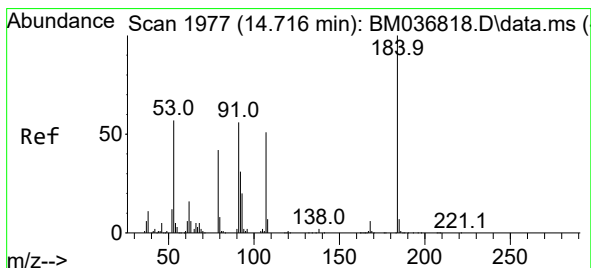
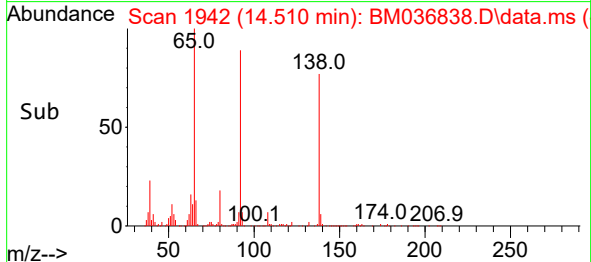
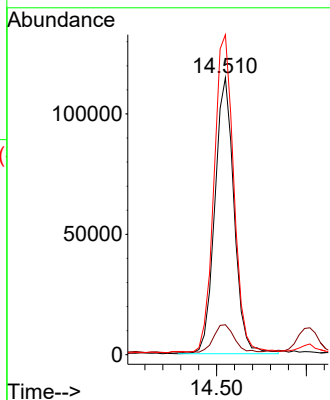
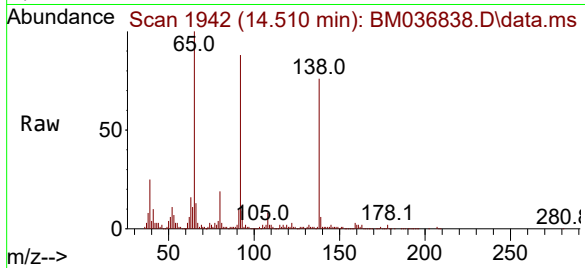




#53
3-Nitroaniline
Concen: 13.955 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

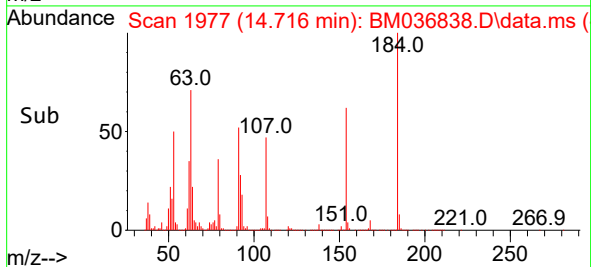
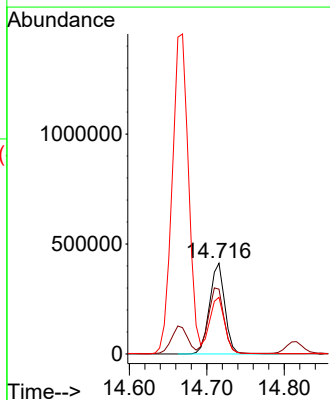
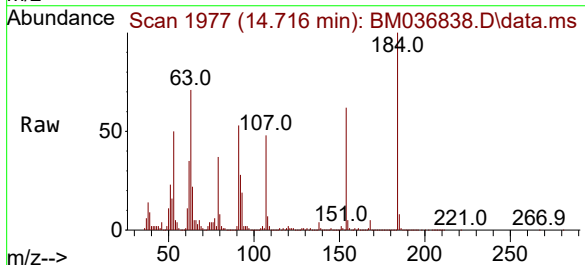
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

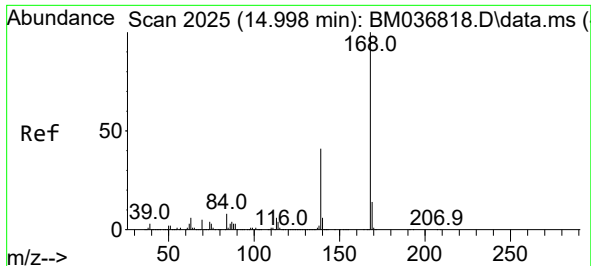
Tgt Ion:138 Resp: 170560
Ion Ratio Lower Upper
138 100
108 10.8 7.8 11.8
92 115.5 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 91.565 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:184 Resp: 563735
Ion Ratio Lower Upper
184 100
63 71.3 65.0 97.6
154 62.4 50.4 75.6

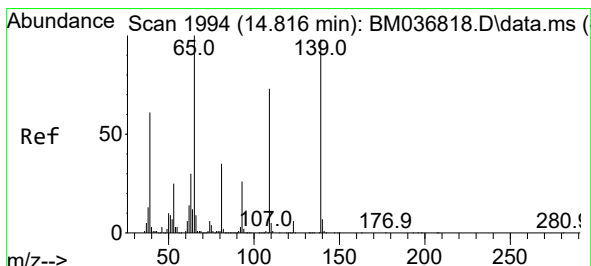
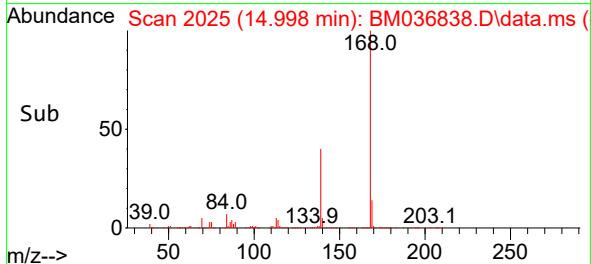
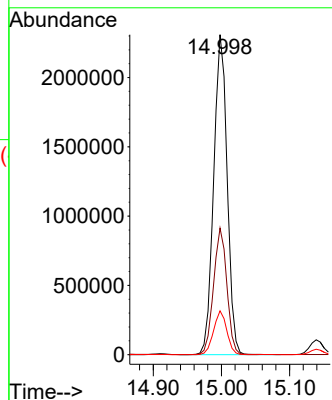
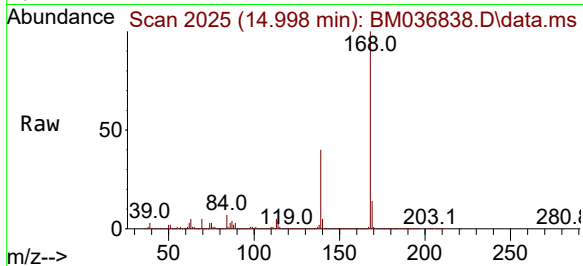




#55
Dibenzofuran
Concen: 51.038 ng
RT: 14.998 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

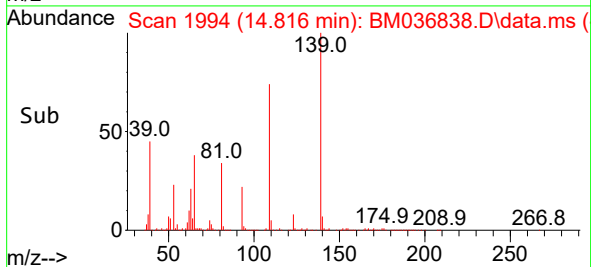
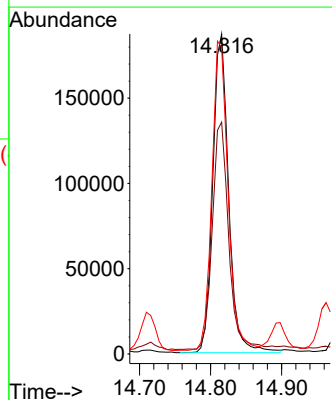
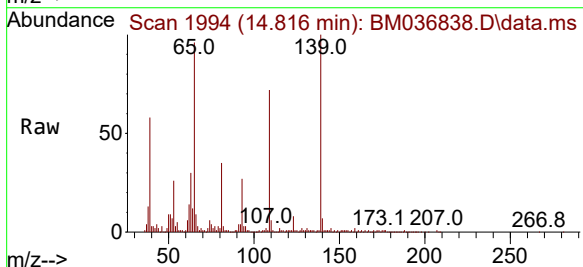
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

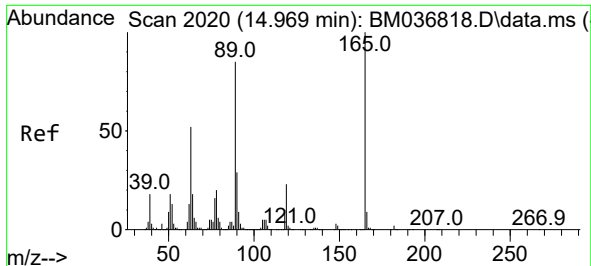
Tgt Ion:168 Resp: 3180946
Ion Ratio Lower Upper
168 100
139 39.6 32.7 49.1
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 29.663 ng
RT: 14.816 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:139 Resp: 289832
Ion Ratio Lower Upper
139 100
109 72.4 54.9 94.9
65 95.8 82.6 122.6





#57

2,4-Dinitrotoluene

Concen: 46.856 ng

RT: 14.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

Tgt Ion:165 Resp: 690326

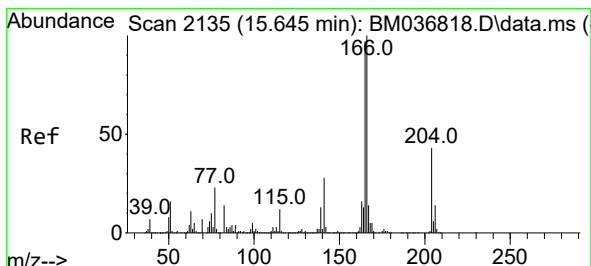
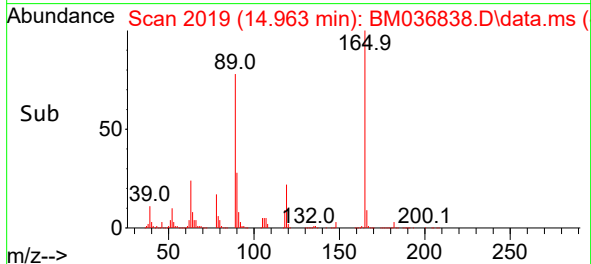
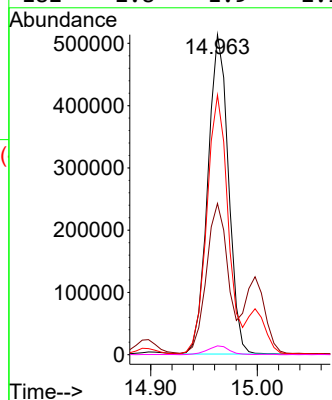
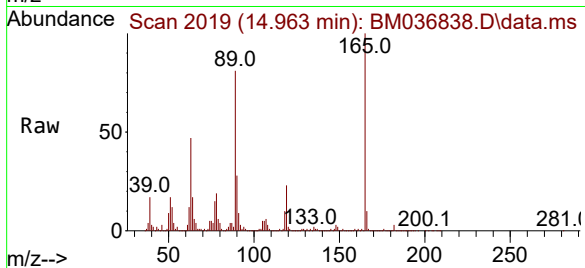
Ion Ratio Lower Upper

165 100

63 47.2 41.8 62.8

89 81.1 68.2 102.2

182 2.8 1.9 2.9



#58

Fluorene

Concen: 51.382 ng

RT: 15.645 min Scan# 2135

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

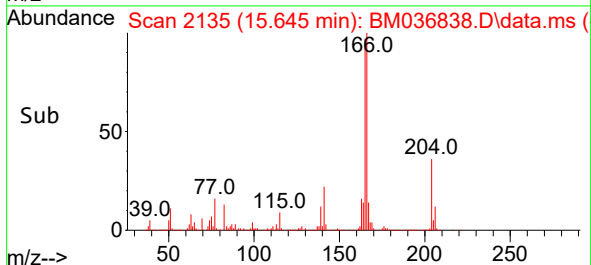
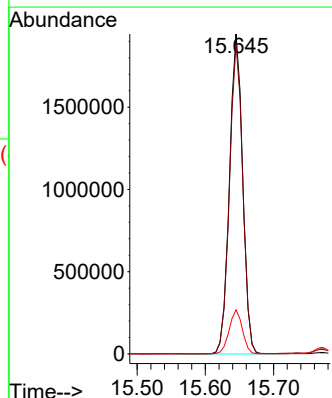
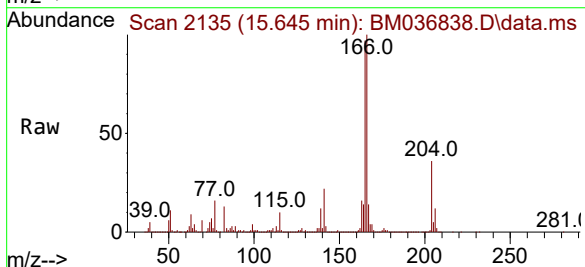
Tgt Ion:166 Resp: 2623683

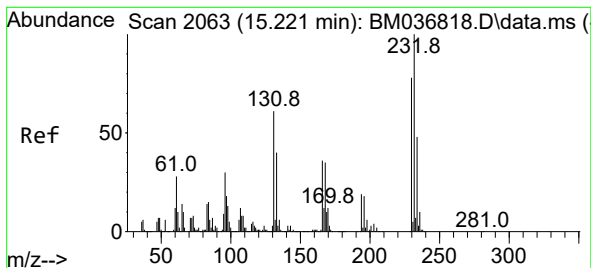
Ion Ratio Lower Upper

166 100

165 96.7 77.3 115.9

167 13.8 11.0 16.4

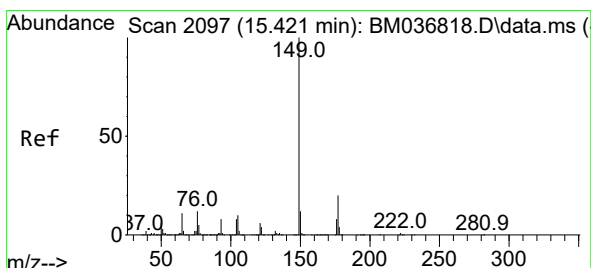
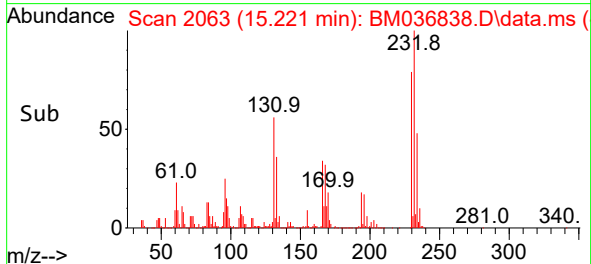
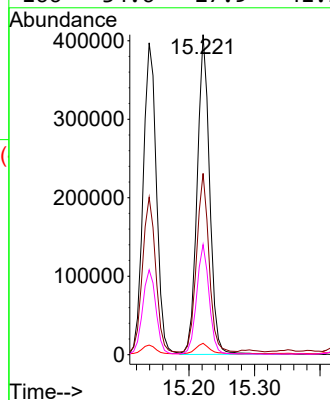
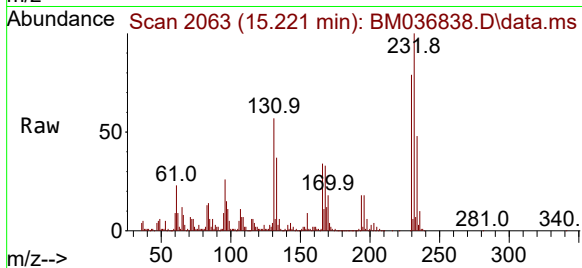




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.103 ng
RT: 15.221 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

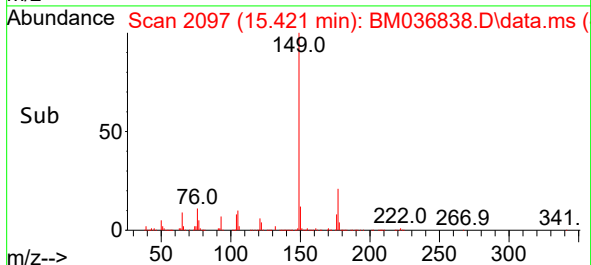
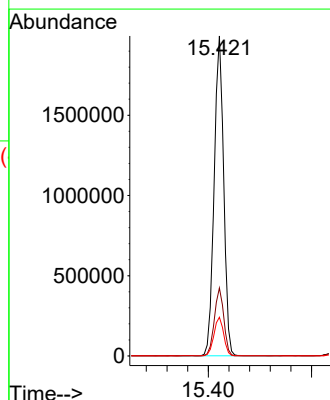
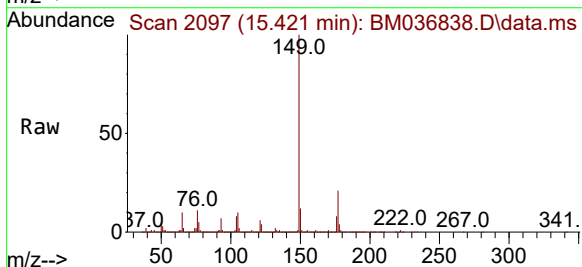
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

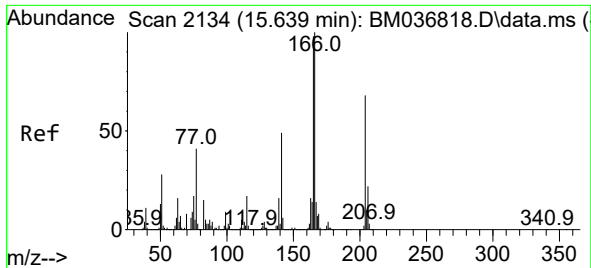
Tgt Ion:232 Resp: 538478
Ion Ratio Lower Upper
232 100
131 55.6 47.6 71.4
130 3.8 2.4 3.6#
166 34.6 27.9 41.9



#60
Diethylphthalate
Concen: 48.078 ng
RT: 15.421 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:149 Resp: 2540636
Ion Ratio Lower Upper
149 100
177 21.3 16.3 24.5
150 12.1 9.9 14.9

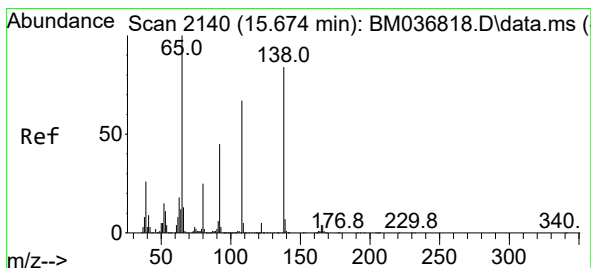
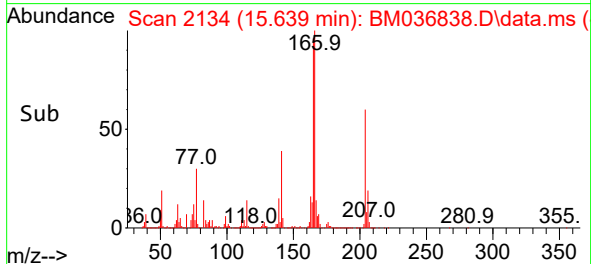
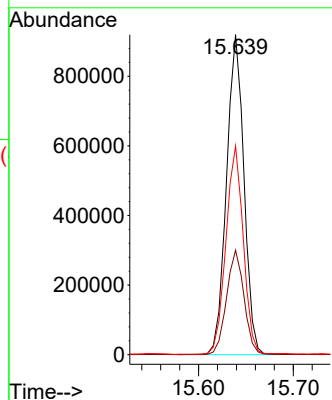
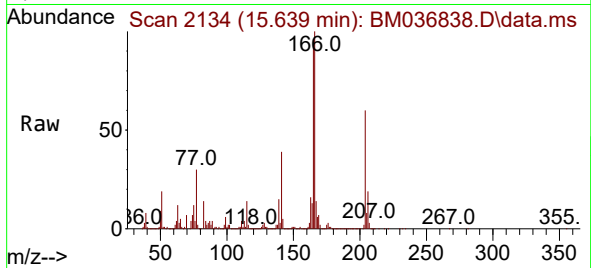




#61
4-Chlorophenyl-phenylether
Concen: 52.761 ng
RT: 15.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

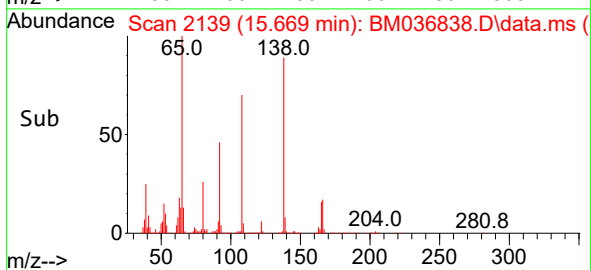
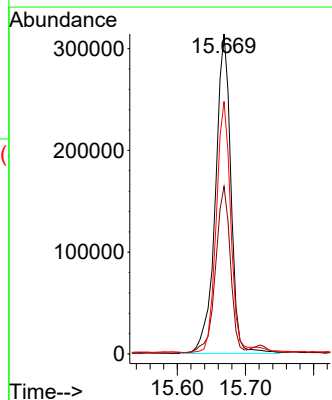
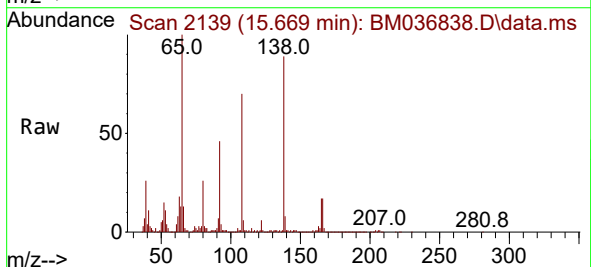
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

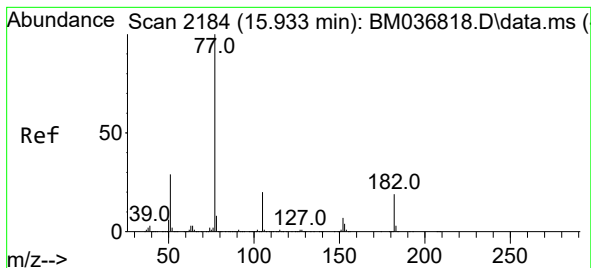
Tgt Ion:204 Resp: 1177366
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 65.2 57.4 86.0



#62
4-Nitroaniline
Concen: 36.705 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.005 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:138 Resp: 496171
Ion Ratio Lower Upper
138 100
92 52.3 34.1 74.1
108 78.9 60.3 100.3





#63

Azobenzene

Concen: 45.823 ng

RT: 15.933 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

Tgt Ion: 77 Resp: 2693078

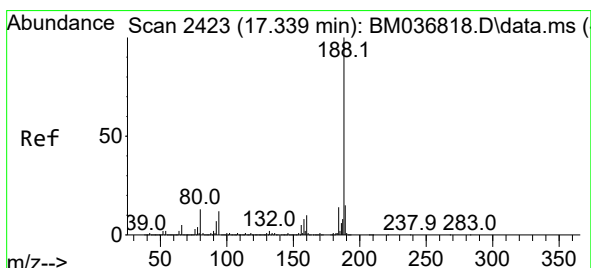
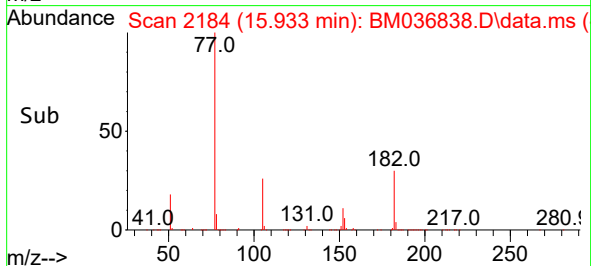
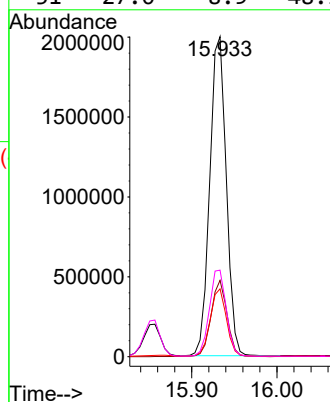
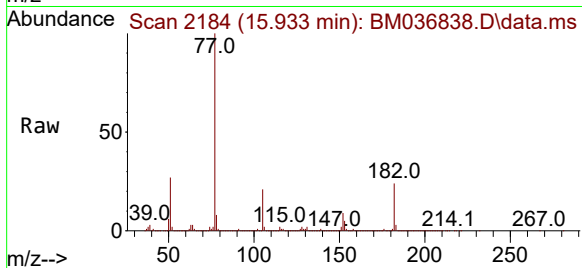
Ion Ratio Lower Upper

77 100

182 23.8 0.0 39.2

105 21.2 0.0 39.8

51 27.0 8.9 48.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

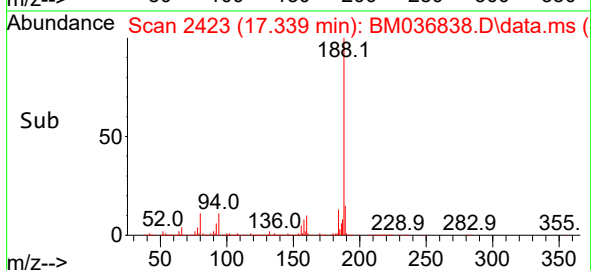
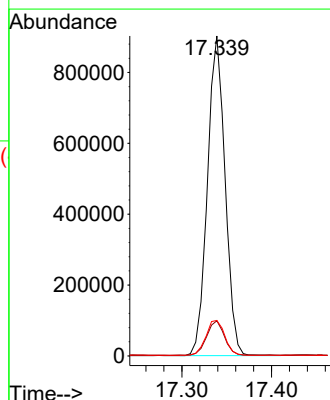
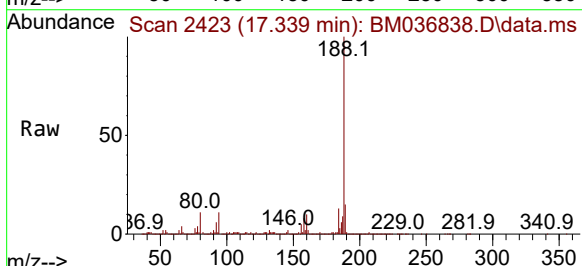
Tgt Ion:188 Resp: 1233002

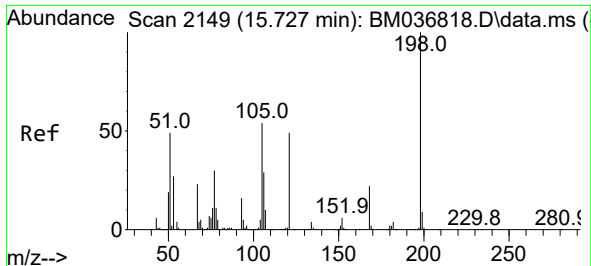
Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.0

80 11.1 10.2 15.4

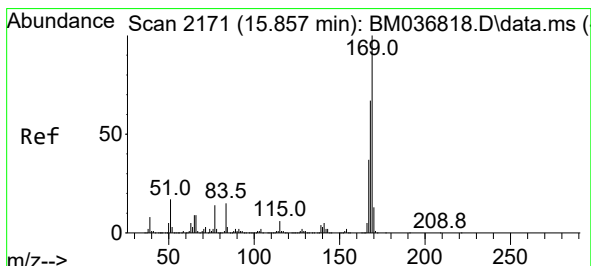
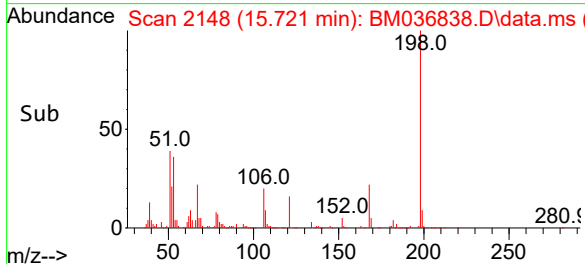
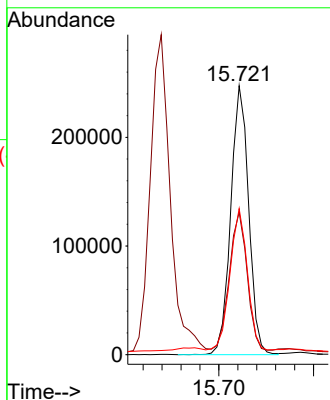
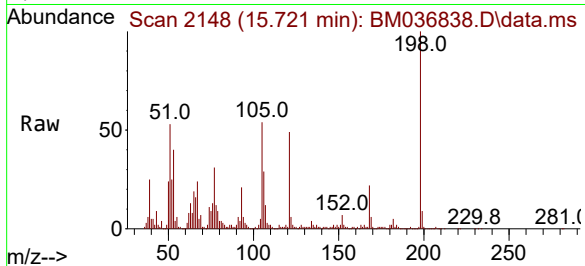




#65
4,6-Dinitro-2-methylphenol
Concen: 47.893 ng
RT: 15.721 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

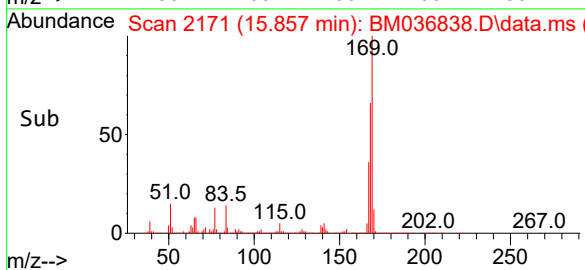
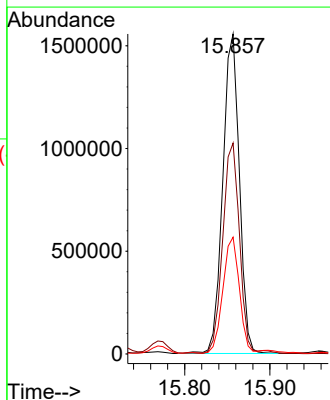
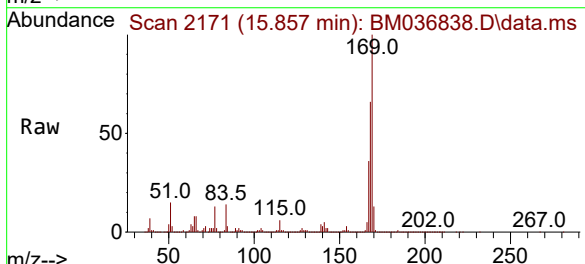
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

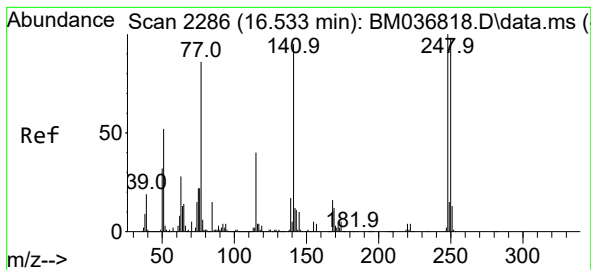
Tgt Ion:198 Resp: 324743
Ion Ratio Lower Upper
198 100
51 52.9 37.7 77.7
105 54.3 35.3 75.3



#66
n-Nitrosodiphenylamine
Concen: 55.130 ng
RT: 15.857 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:169 Resp: 2100175
Ion Ratio Lower Upper
169 100
168 65.9 53.5 80.3
167 36.5 29.4 44.2

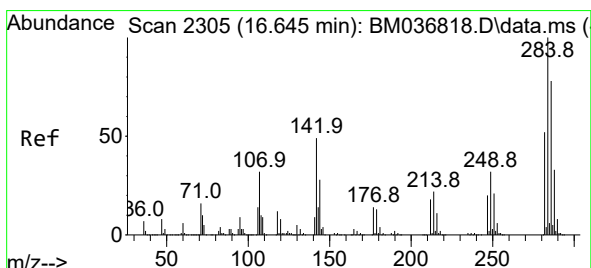
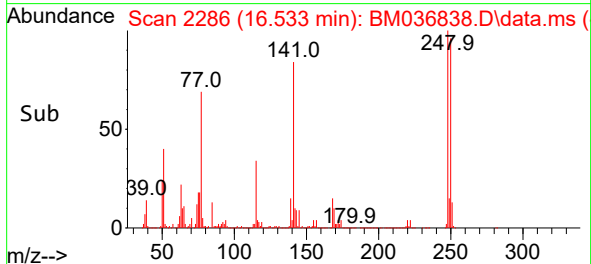
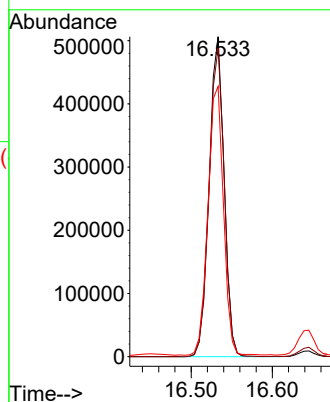
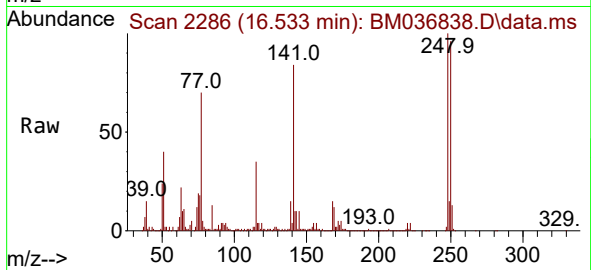




#67
4-Bromophenyl-phenylether
Concen: 56.993 ng
RT: 16.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

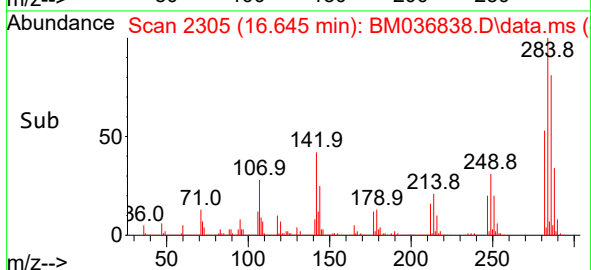
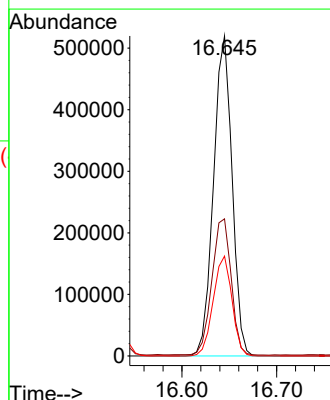
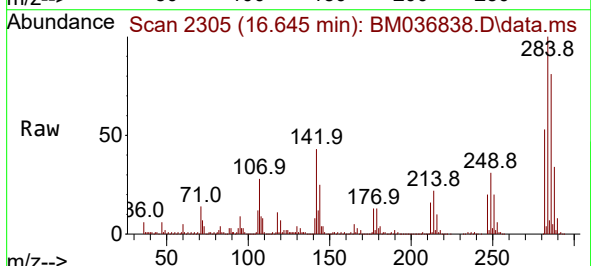
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

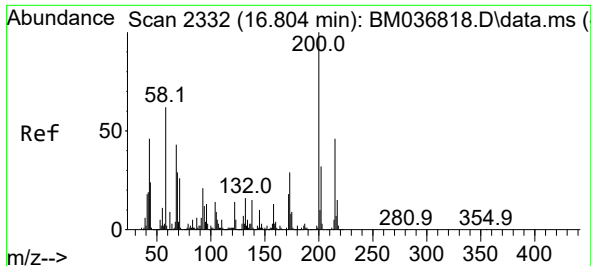
Tgt Ion:248 Resp: 648018
Ion Ratio Lower Upper
248 100
250 96.5 78.6 117.8
141 84.5 75.8 113.6



#68
Hexachlorobenzene
Concen: 56.134 ng
RT: 16.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:284 Resp: 706783
Ion Ratio Lower Upper
284 100
142 42.8 39.4 59.0
249 31.2 25.9 38.9

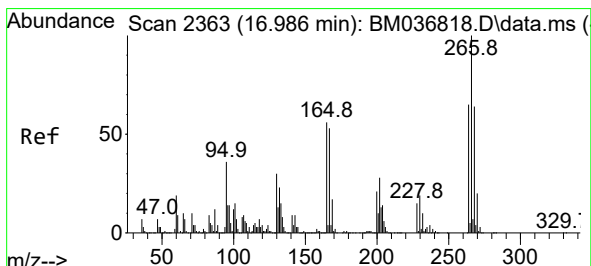
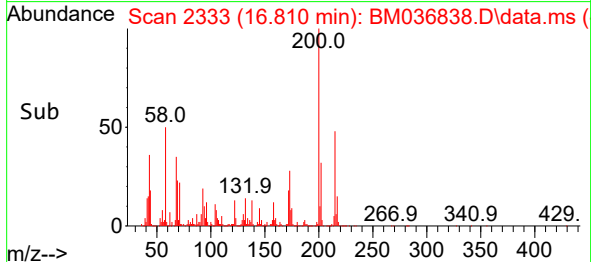
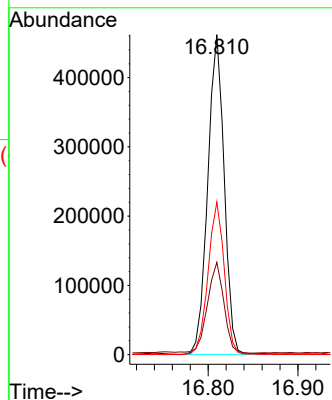
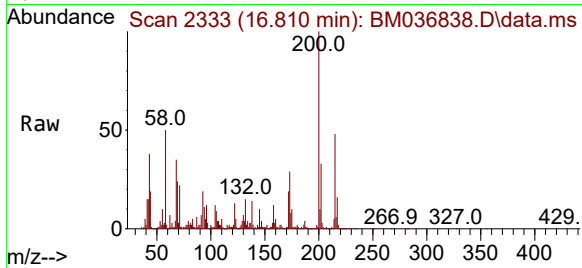




#69
 Atrazine
 Concen: 55.821 ng
 RT: 16.810 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM036838.D
 Acq: 05 Oct 2022 16:45

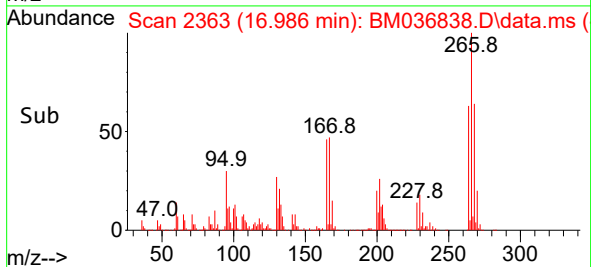
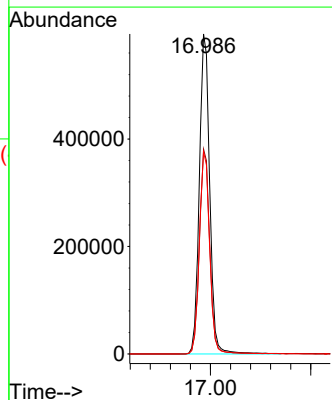
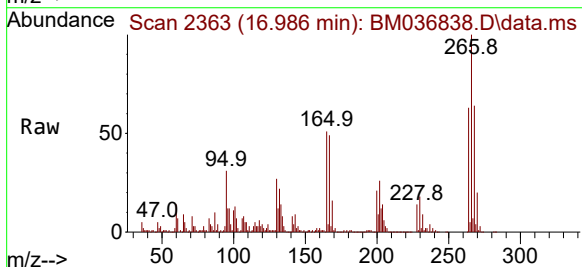
Instrument :
 BNA_M
 ClientSampleId :
 MW-05MSD

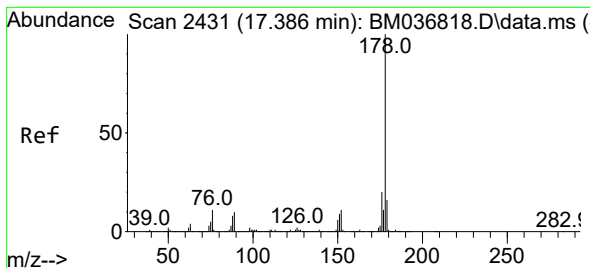
Tgt Ion:200 Resp: 585806
 Ion Ratio Lower Upper
 200 100
 173 28.8 8.6 48.6
 215 47.7 25.5 65.5



#70
 Pentachlorophenol
 Concen: 110.099 ng
 RT: 16.986 min Scan# 2363
 Delta R.T. 0.000 min
 Lab File: BM036838.D
 Acq: 05 Oct 2022 16:45

Tgt Ion:266 Resp: 850781
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 63.2 51.9 77.9





#71

Phenanthrene

Concen: 50.557 ng

RT: 17.380 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

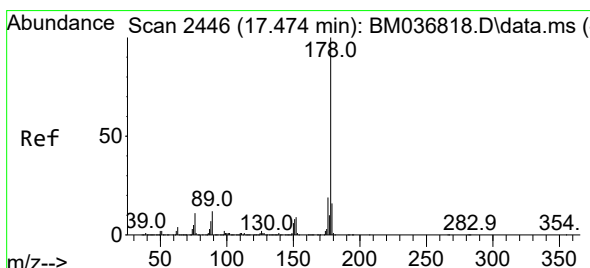
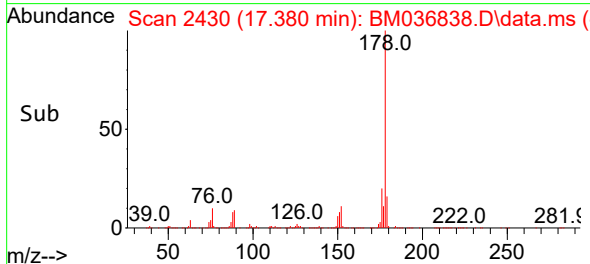
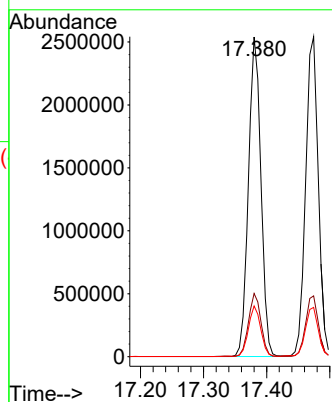
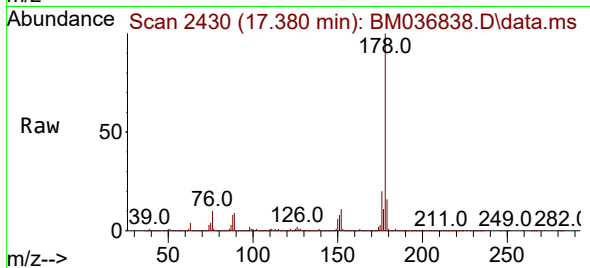
Tgt Ion:178 Resp: 3489982

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.2

179 15.8 12.6 18.8



#72

Anthracene

Concen: 53.717 ng

RT: 17.474 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

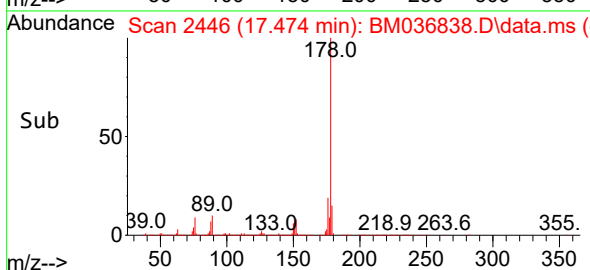
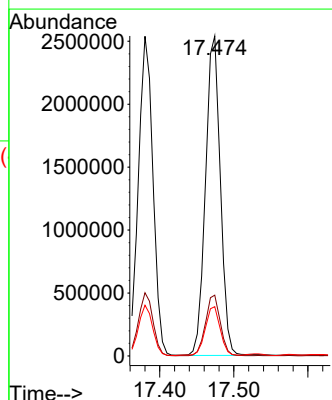
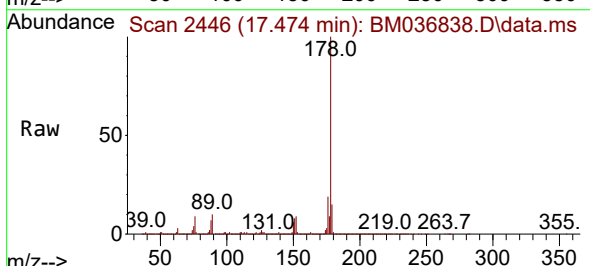
Tgt Ion:178 Resp: 3535884

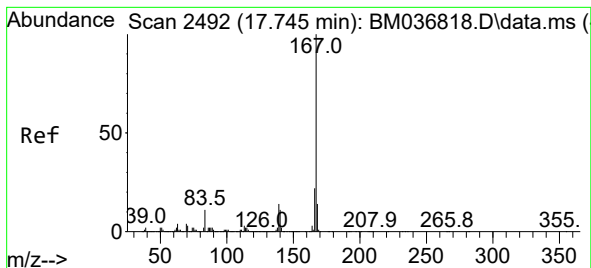
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.4 12.5 18.7





#73

Carbazole

Concen: 53.810 ng

RT: 17.745 min Scan# 2492

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

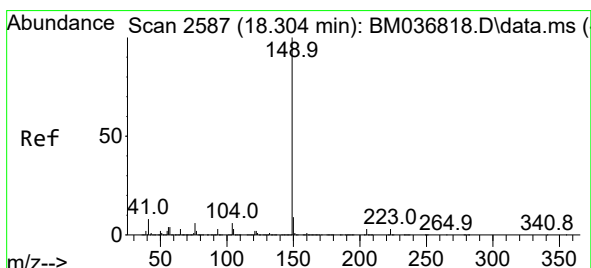
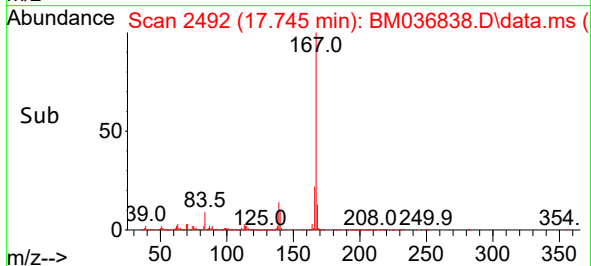
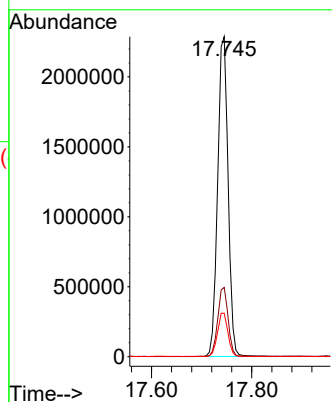
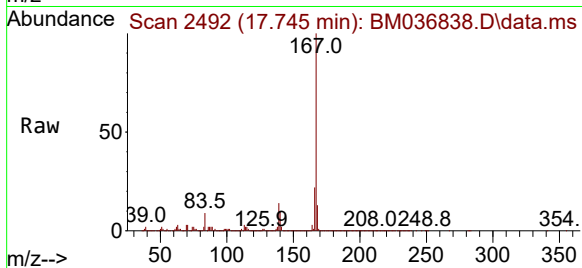
Tgt Ion:167 Resp: 3305980

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 13.6 11.4 17.2



#74

Di-n-butylphthalate

Concen: 51.899 ng

RT: 18.304 min Scan# 2587

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

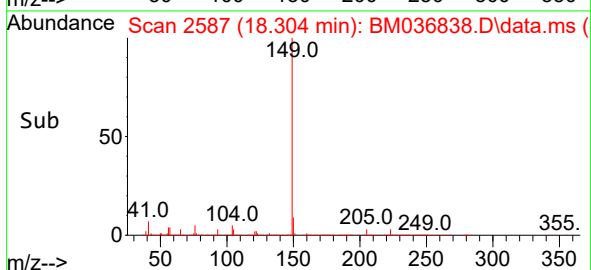
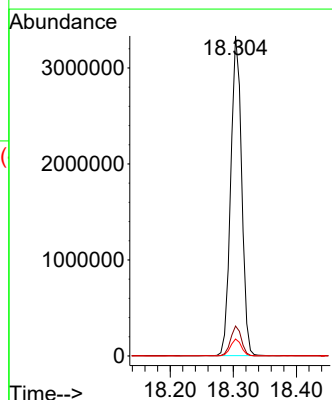
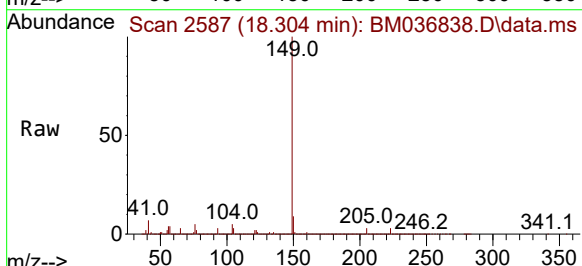
Tgt Ion:149 Resp: 3992929

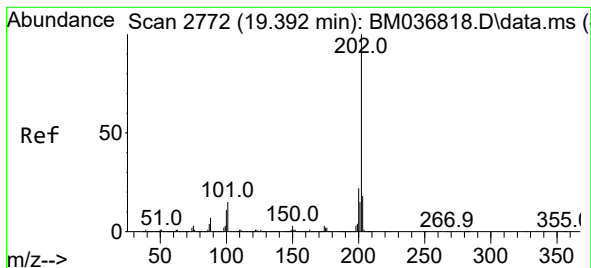
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.3 4.6 7.0





#75

Fluoranthene

Concen: 49.581 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

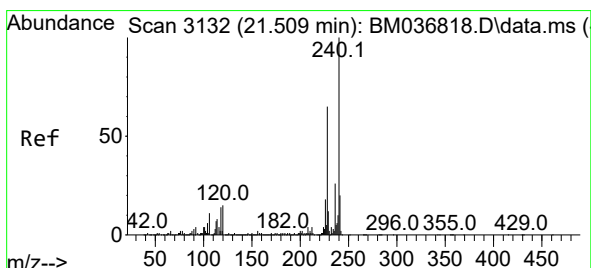
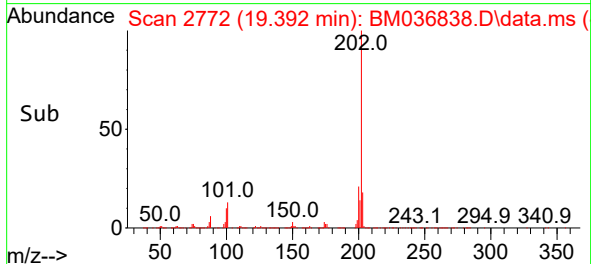
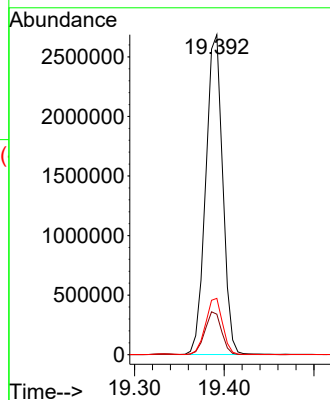
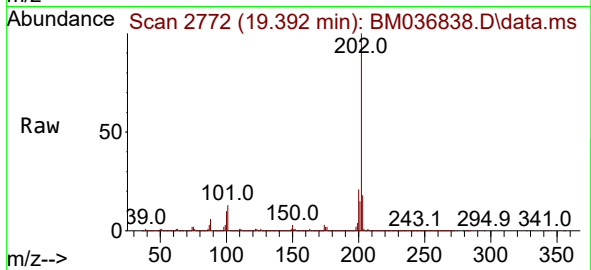
Tgt Ion:202 Resp: 3521489

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.5

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

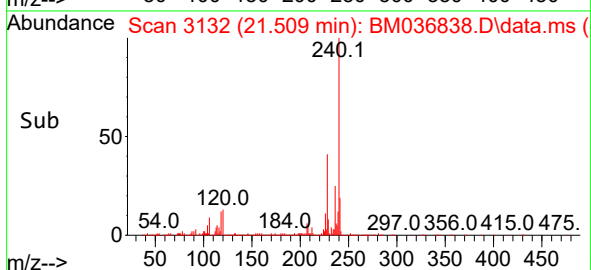
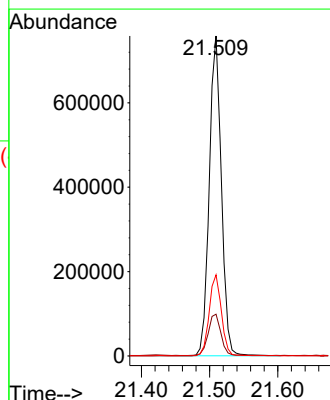
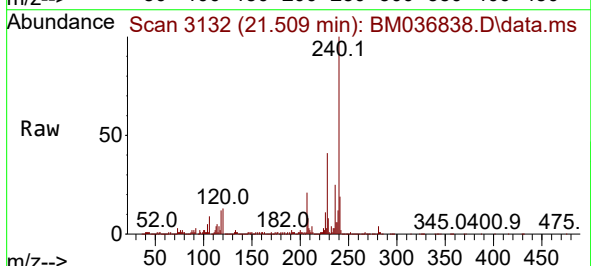
Tgt Ion:240 Resp: 937147

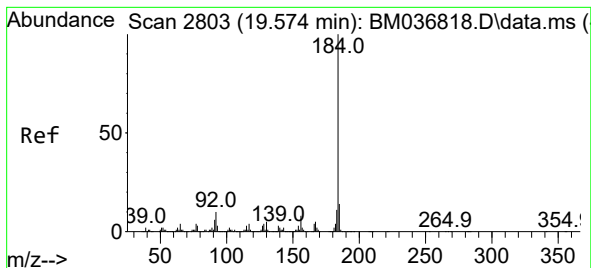
Ion Ratio Lower Upper

240 100

120 13.0 12.1 18.1

236 25.4 20.8 31.2





#77

Benzidine

Concen: 7.416 ng

RT: 19.580 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

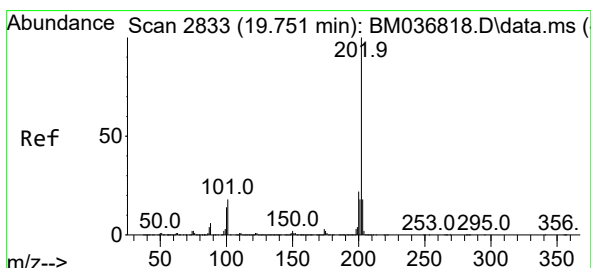
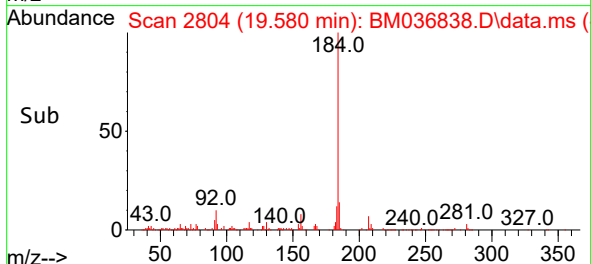
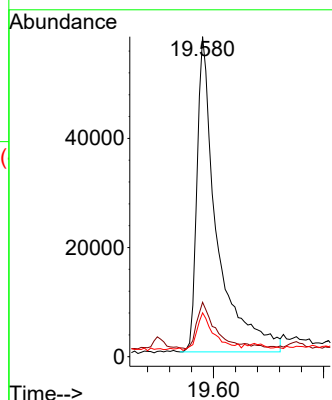
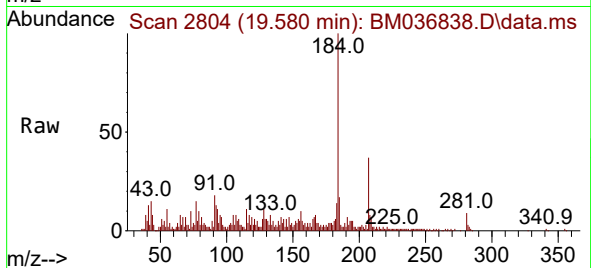
Tgt Ion:184 Resp: 145818

Ion Ratio Lower Upper

184 100

185 17.0 11.4 17.0

183 13.7 8.9 13.3#



#78

Pyrene

Concen: 50.737 ng

RT: 19.751 min Scan# 2833

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

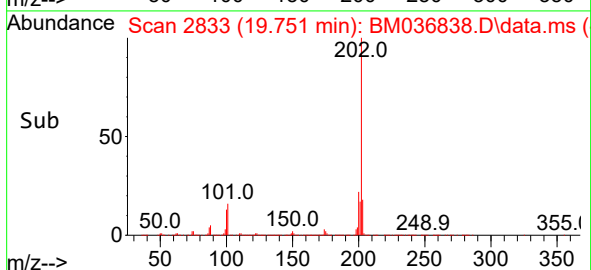
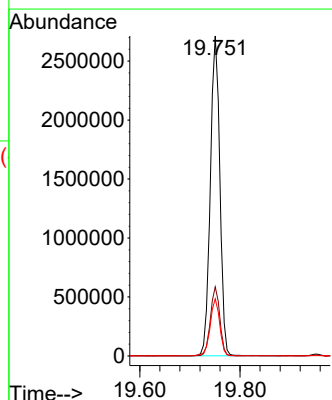
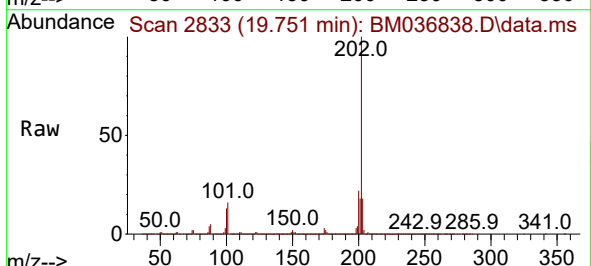
Tgt Ion:202 Resp: 3580670

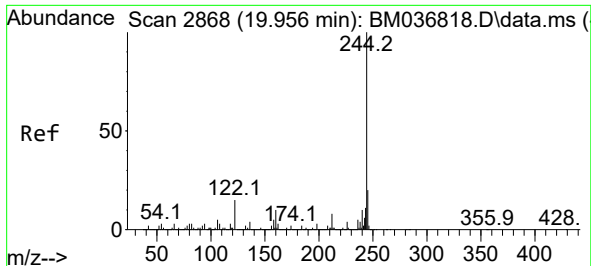
Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.0

203 17.9 14.3 21.5

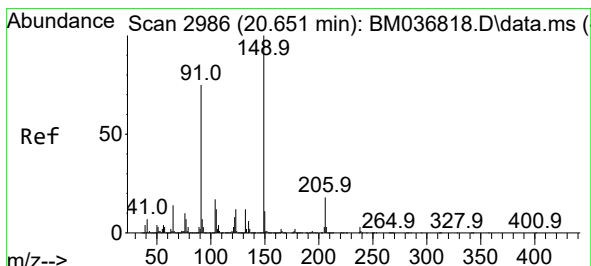
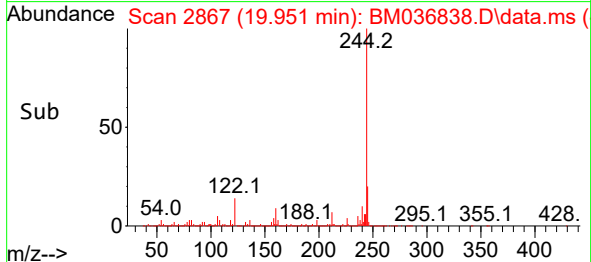
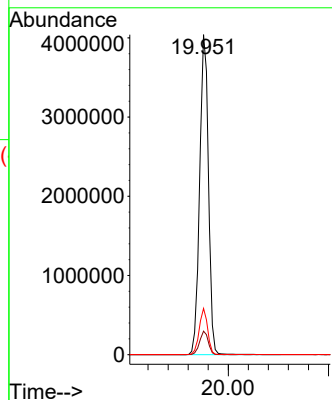
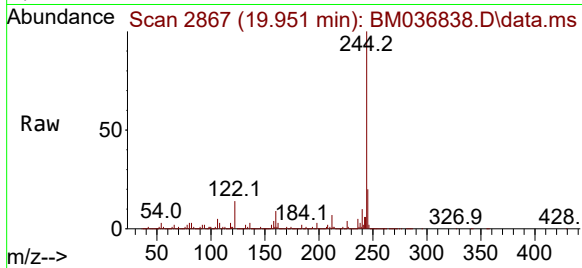




#79
 Terphenyl-d14
 Concen: 104.052 ng
 RT: 19.951 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036838.D
 Acq: 05 Oct 2022 16:45

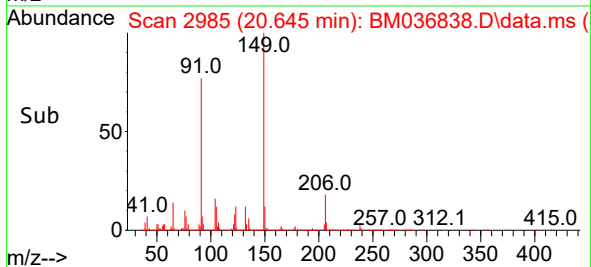
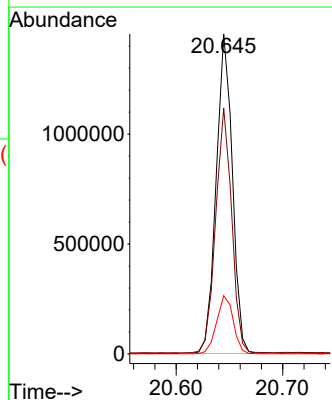
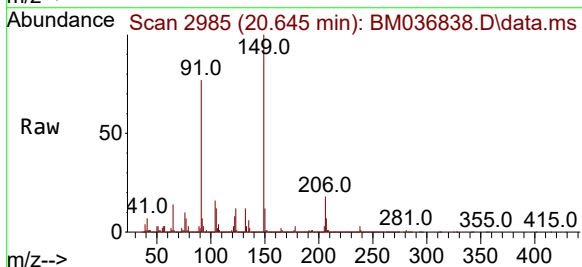
Instrument :
 BNA_M
 ClientSampleId :
 MW-05MSD

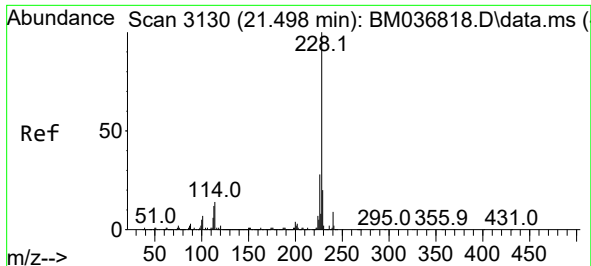
Tgt Ion:244 Resp: 4894211
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 14.4 12.0 18.0



#80
 Butylbenzylphthalate
 Concen: 46.442 ng
 RT: 20.645 min Scan# 2985
 Delta R.T. -0.006 min
 Lab File: BM036838.D
 Acq: 05 Oct 2022 16:45

Tgt Ion:149 Resp: 1529932
 Ion Ratio Lower Upper
 149 100
 91 76.9 60.4 90.6
 206 18.2 14.4 21.6

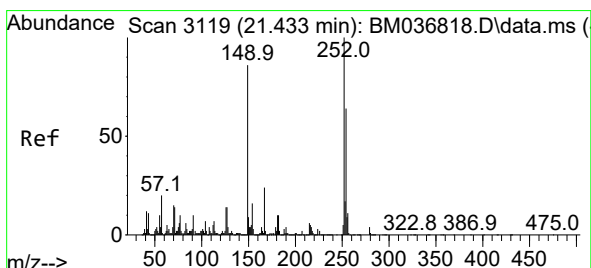
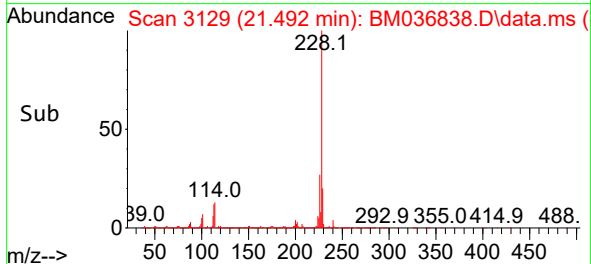
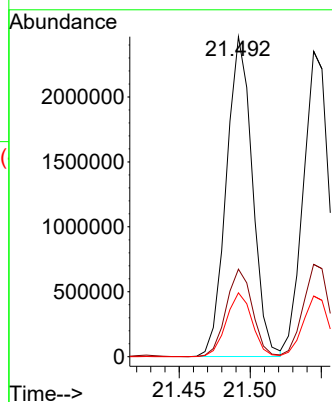
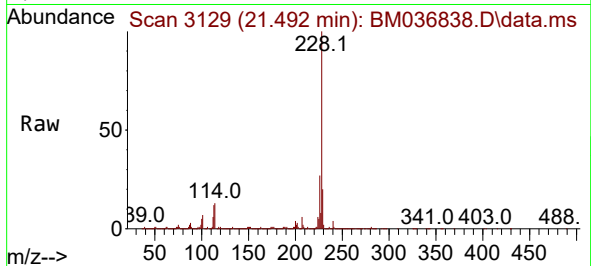




#81
Benzo(a)anthracene
Concen: 51.582 ng
RT: 21.492 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

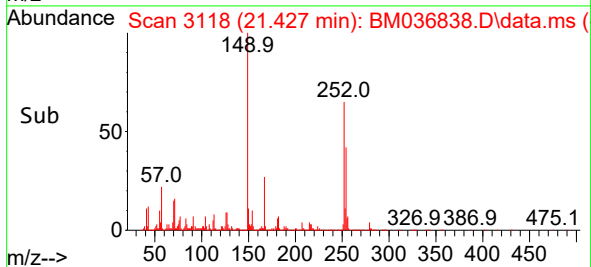
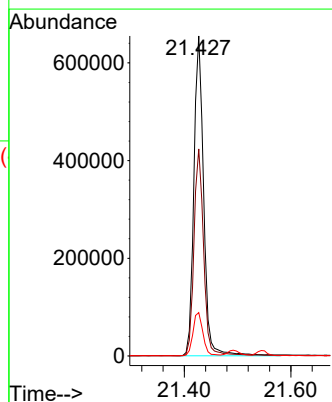
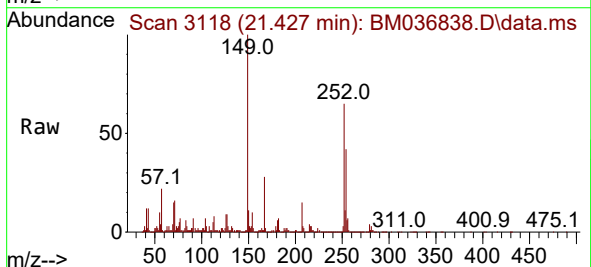
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

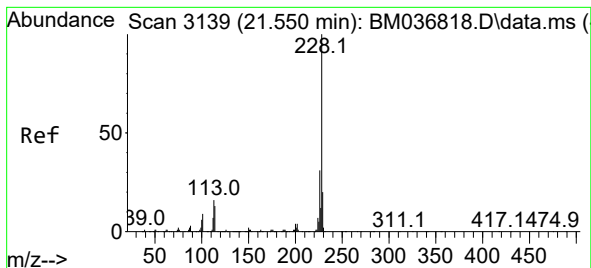
Tgt Ion:228 Resp: 3139801
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 50.822 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:252 Resp: 839738
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.0
126 13.6 11.3 16.9





#83

Chrysene

Concen: 50.935 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

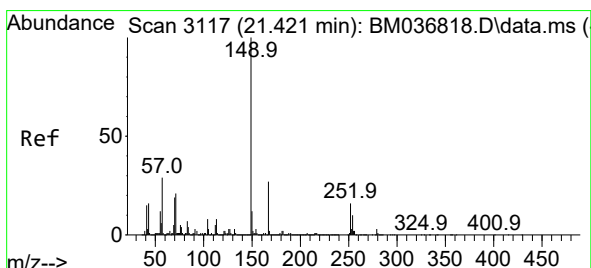
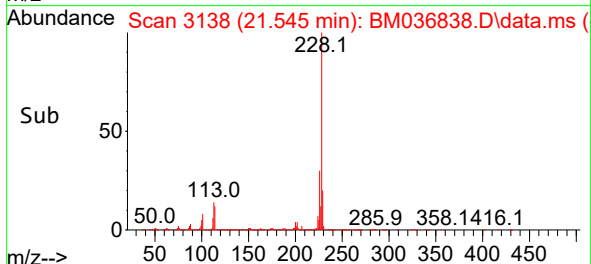
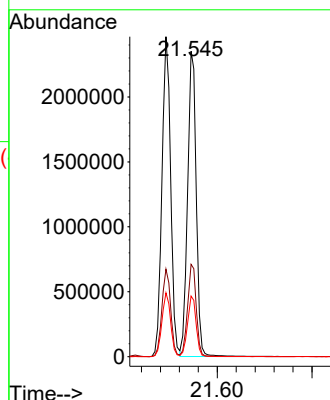
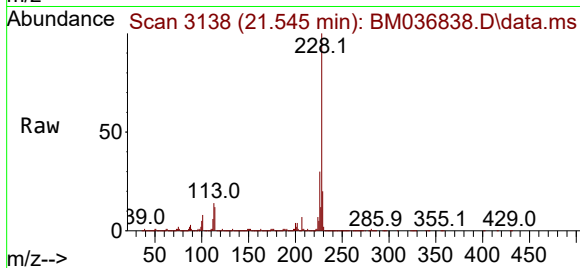
Tgt Ion:228 Resp: 2986220

Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.195 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

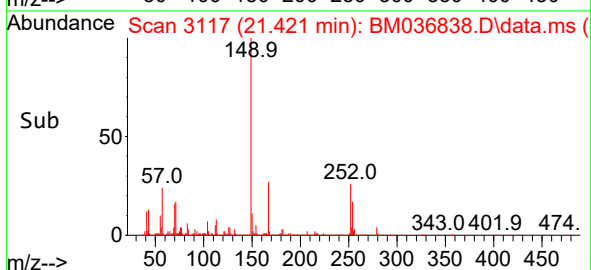
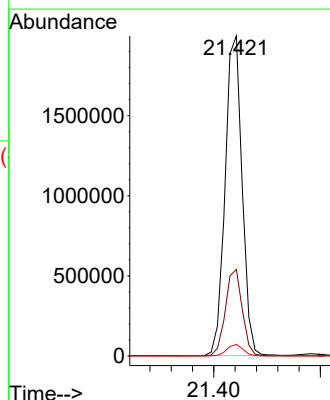
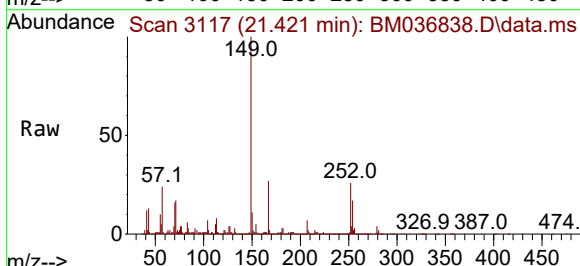
Tgt Ion:149 Resp: 2200188

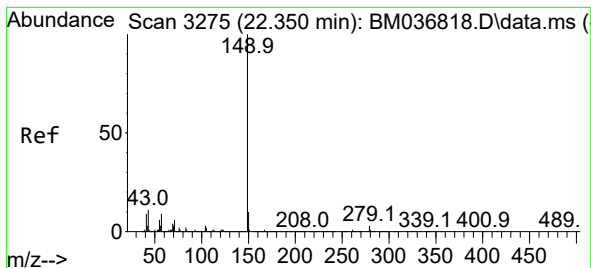
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 3.6 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 45.932 ng

RT: 22.350 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

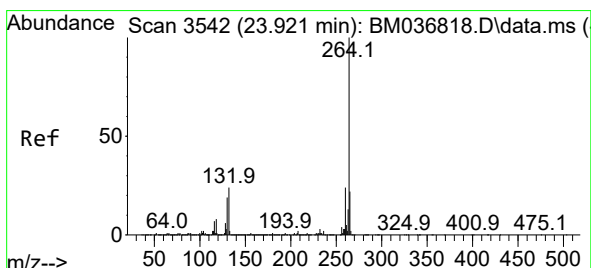
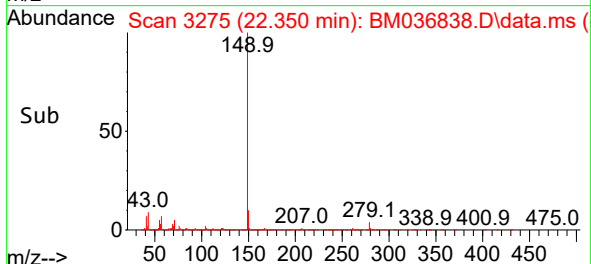
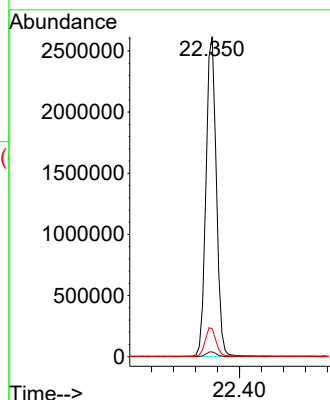
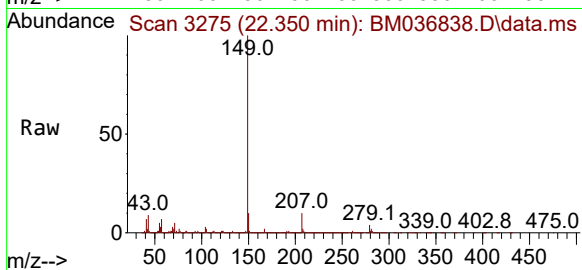
Tgt Ion:149 Resp: 3404727

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.3 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

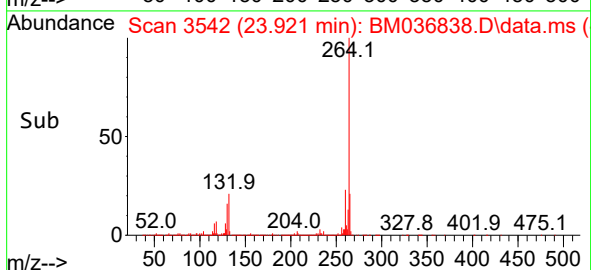
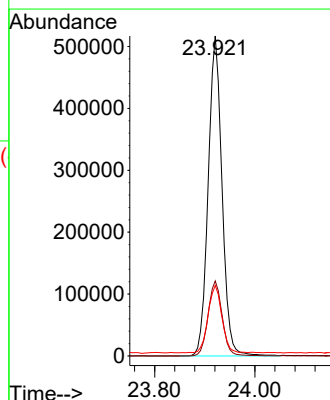
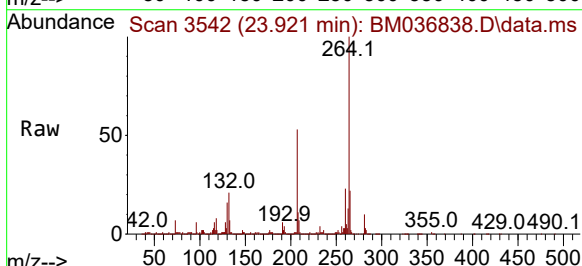
Tgt Ion:264 Resp: 991302

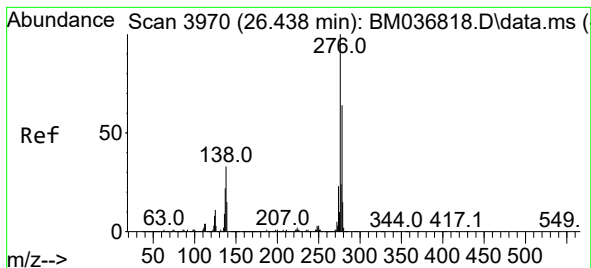
Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.311 ng

RT: 26.438 min Scan# 3417

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

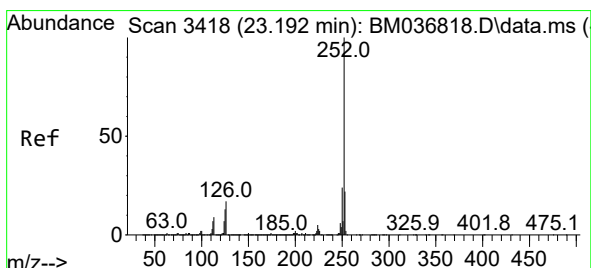
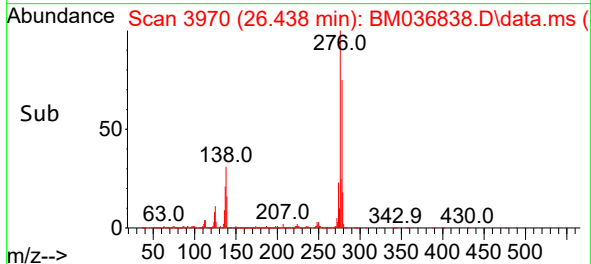
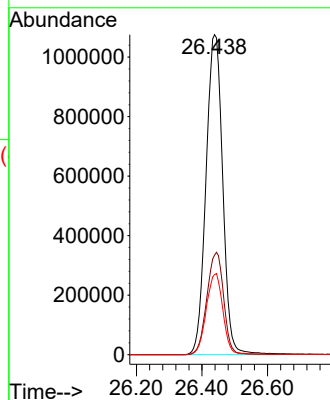
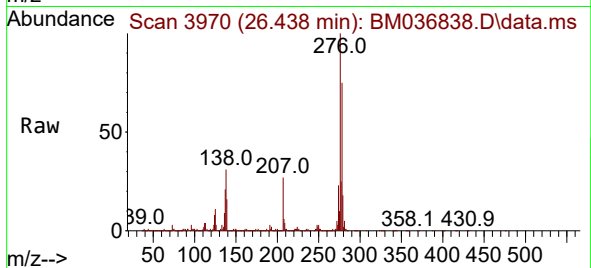
Tgt Ion:276 Resp: 3817313

Ion Ratio Lower Upper

276 100

138 32.2 27.5 41.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.380 ng

RT: 23.186 min Scan# 3417

Delta R.T. -0.006 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

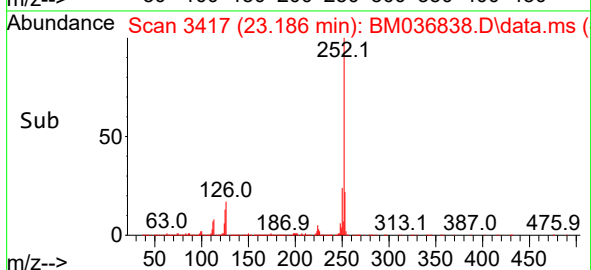
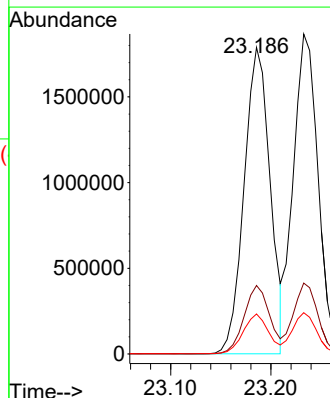
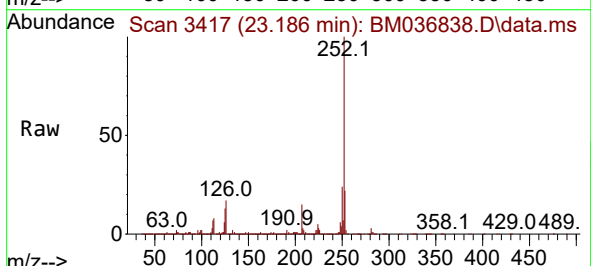
Tgt Ion:252 Resp: 3227684

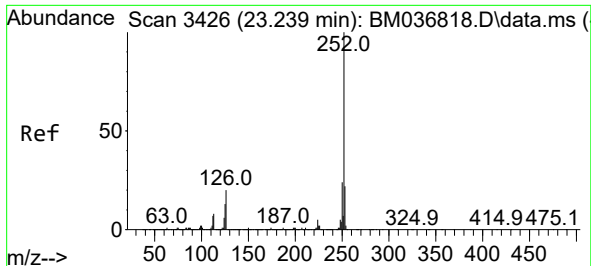
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 13.0 10.5 15.7

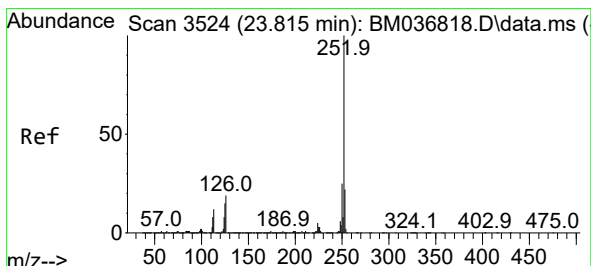
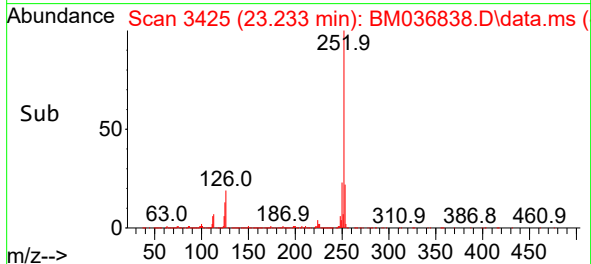
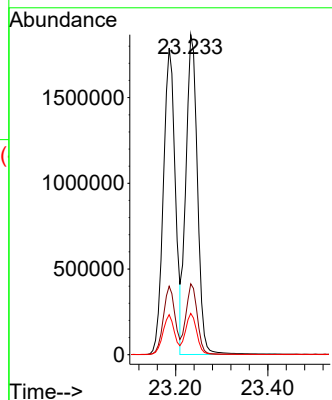
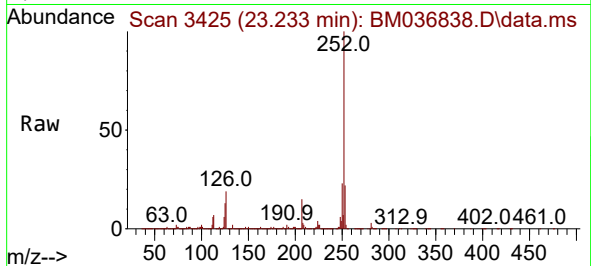




#89
Benzo(k)fluoranthene
Concen: 50.111 ng
RT: 23.233 min Scan# 3426
Delta R.T. -0.006 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

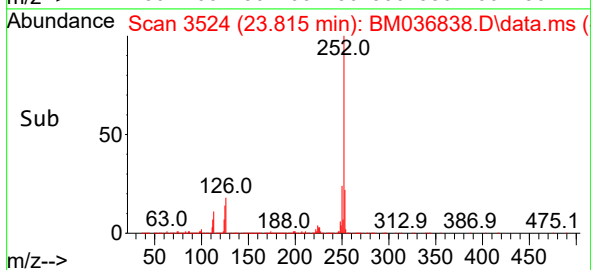
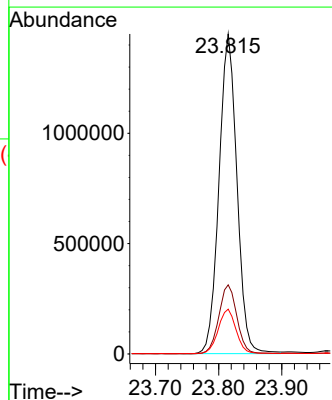
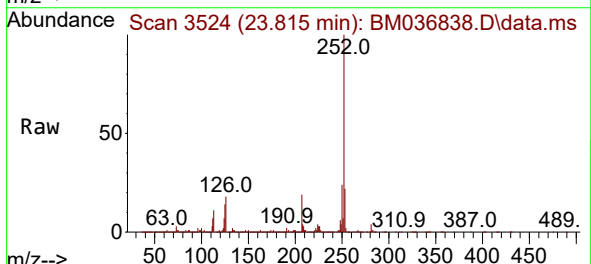
Instrument :
BNA_M
ClientSampleId :
MW-05MSD

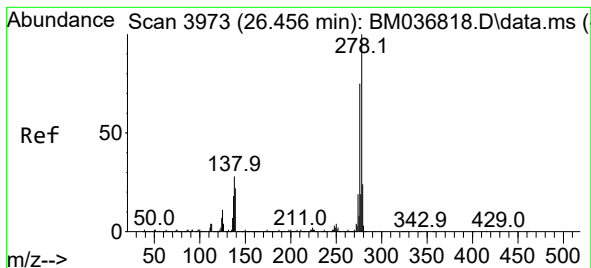
Tgt Ion:252 Resp: 3238918
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.9 10.9 16.3



#90
Benzo(a)pyrene
Concen: 56.494 ng
RT: 23.815 min Scan# 3524
Delta R.T. 0.000 min
Lab File: BM036838.D
Acq: 05 Oct 2022 16:45

Tgt Ion:252 Resp: 2854143
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 14.0 12.5 18.7





#91

Dibenzo(a,h)anthracene

Concen: 62.494 ng

RT: 26.456 min Scan# 3973

Delta R.T. 0.000 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Instrument :

BNA_M

ClientSampleId :

MW-05MSD

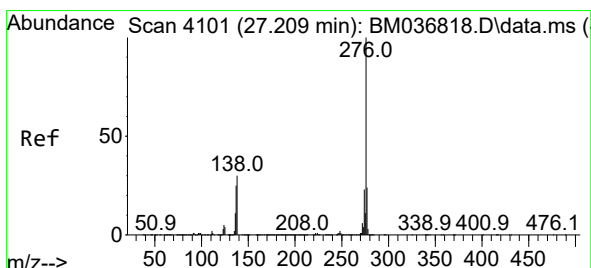
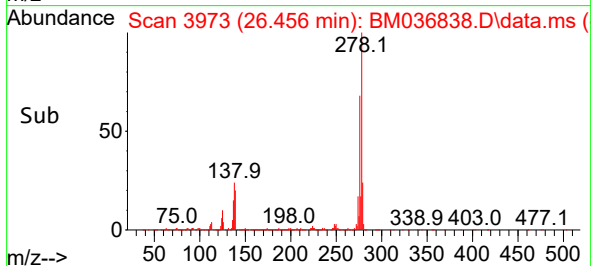
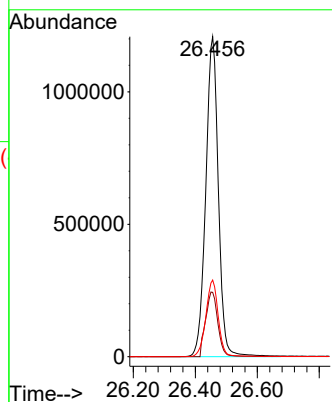
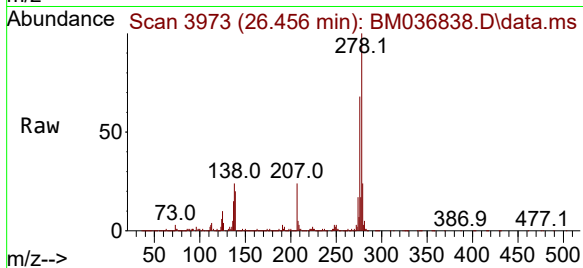
Tgt Ion:278 Resp: 3408158

Ion Ratio Lower Upper

278 100

139 20.1 17.4 26.2

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 63.634 ng

RT: 27.215 min Scan# 4102

Delta R.T. 0.006 min

Lab File: BM036838.D

Acq: 05 Oct 2022 16:45

Tgt Ion:276 Resp: 3369310

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 27.1 23.6 35.4

