

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039217.D
 Acq On : 29 Mar 2023 22:45
 Operator : CG/JU
 Sample : SP6173
 Misc : 8270/625 SPIKE
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6173

Quant Time: Mar 30 05:57:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	240359	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	946173	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	517803	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1005832	20.000	ng	0.00
76) Chrysene-d12	21.503	240	767035	20.000	ng	0.00
86) Perylene-d12	23.915	264	759743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	339	0.021	ng	-0.27
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	9.010	82	93962	4.827	ng	-0.09
42) 2,4,6-Tribromophenol	16.068	330	184	0.028	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1268	0.033	ng	-0.12
79) Terphenyl-d14	19.939	244	2597	0.063	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	333405	51.128	ng	99
3) Pyridine	3.757	79	842010	46.091	ng	99
4) n-Nitrosodimethylamine	3.669	42	381616	53.190	ng	98
6) Aniline	7.251	93	1225848	47.998	ng	99
8) 2-Chlorophenol	7.487	128	905929	55.480	ng	98
9) Benzaldehyde	7.063	77	703181	59.838	ng	99
10) Phenol	7.122	94	1139786	55.118	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	901696	54.202	ng	99
12) 1,3-Dichlorobenzene	7.816	146	982190	56.718	ng	100
13) 1,4-Dichlorobenzene	7.963	146	994930	56.821	ng	99
14) 1,2-Dichlorobenzene	8.281	146	950776	56.786	ng	98
15) Benzyl Alcohol	8.175	79	775075	54.611	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1181272	55.515	ng	100
17) 2-Methylphenol	8.381	107	743089	51.361	ng	100
18) Hexachloroethane	9.010	117	385169	56.867	ng	99
19) n-Nitroso-di-n-propyla...	8.739	70	674637	51.145	ng	98
20) 3+4-Methylphenols	8.710	107	994979	51.179	ng	99
22) Acetophenone	8.757	105	1329727	52.562	ng	# 99
24) Nitrobenzene	9.139	77	980132	50.617	ng	99
25) Isophorone	9.669	82	1820161	50.117	ng	100
26) 2-Nitrophenol	9.851	139	478639	53.473	ng	98
27) 2,4-Dimethylphenol	9.916	122	818157	55.012	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	1153423	52.464	ng	100
29) 2,4-Dichlorophenol	10.386	162	788928	54.369	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	846499	54.529	ng	99
31) Naphthalene	10.786	128	2636505	51.713	ng	99
32) Benzoic acid	10.075	122	571865	49.335	ng	99
33) 4-Chloroaniline	10.904	127	612596	27.426	ng	100
34) Hexachlorobutadiene	11.069	225	491077	53.797	ng	98
35) Caprolactam	11.698	113	244686	48.565	ng	95
36) 4-Chloro-3-methylphenol	12.033	107	820579	51.255	ng	100
37) 2-Methylnaphthalene	12.398	142	1734667	48.875	ng	99
38) 1-Methylnaphthalene	12.616	142	1618670	48.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	867060	54.998	ng	98
41) Hexachlorocyclopentadiene	12.739	237	1280739	148.703	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	596300	55.461	ng	99

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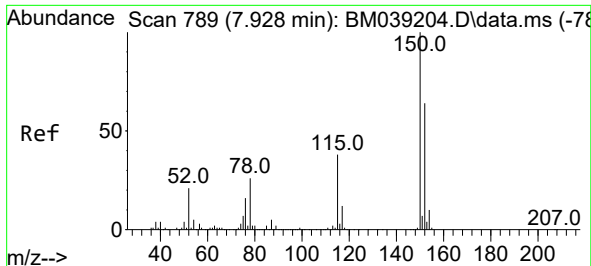
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	637717	50.595	ng	99
46) 1,1'-Biphenyl	13.404	154	2206016	53.950	ng	99
47) 2-Chloronaphthalene	13.451	162	1698387	54.857	ng	99
48) 2-Nitroaniline	13.657	65	531238	50.989	ng	99
49) Acenaphthylene	14.298	152	2648790	52.055	ng	100
50) Dimethylphthalate	14.033	163	2017685	50.562	ng	100
51) 2,6-Dinitrotoluene	14.157	165	443367	51.665	ng	99
52) Acenaphthene	14.639	154	1560540	51.937	ng	99
53) 3-Nitroaniline	14.486	138	307989	31.045	ng	98
54) 2,4-Dinitrophenol	14.692	184	560168	110.224	ng	99
55) Dibenzofuran	14.974	168	2453369	50.717	ng	99
56) 4-Nitrophenol	14.798	139	811170	106.035	ng	96
57) 2,4-Dinitrotoluene	14.939	165	598848	51.586	ng	95
58) Fluorene	15.621	166	1938580	50.609	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	525664	52.424	ng	100
60) Diethylphthalate	15.392	149	2009141	50.021	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	964307	50.796	ng	98
62) 4-Nitroaniline	15.645	138	482149	47.360	ng	99
63) Azobenzene	15.904	77	2070723	51.457	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	356436	53.866	ng	95
66) n-Nitrosodiphenylamine	15.827	169	1673139	52.788	ng	100
67) 4-Bromophenyl-phenylether	16.509	248	569700	53.036	ng	99
68) Hexachlorobenzene	16.621	284	643678	55.265	ng	98
69) Atrazine	16.786	200	579314	57.708	ng	98
70) Pentachlorophenol	16.968	266	832985	99.684	ng	99
71) Phenanthrene	17.362	178	2831292	51.396	ng	100
72) Anthracene	17.451	178	2897085	51.576	ng	99
73) Carbazole	17.727	167	2676690	50.996	ng	99
74) Di-n-butylphthalate	18.286	149	3371060	51.920	ng	100
75) Fluoranthene	19.374	202	3033143	48.302	ng	99
77) Benzidine	19.562	184	2450771	121.136	ng	100
78) Pyrene	19.739	202	3138286	57.473	ng	100
80) Butylbenzylphthalate	20.639	149	1358949	54.323	ng	99
81) Benzo(a)anthracene	21.486	228	2786415	51.509	ng	100
82) 3,3'-Dichlorobenzidine	21.421	252	721395	40.031	ng	99
83) Chrysene	21.539	228	2595486	49.700	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1990088	53.864	ng	99
85) Di-n-octyl phthalate	22.339	149	3340020	50.177	ng	100
87) Indeno(1,2,3-cd)pyrene	26.432	276	2750666	49.139	ng	100
88) Benzo(b)fluoranthene	23.180	252	2584986	55.607	ng	99
89) Benzo(k)fluoranthene	23.227	252	2620402	55.339	ng	99
90) Benzo(a)pyrene	23.809	252	2242415	49.103	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	2319922	49.356	ng	99
92) Benzo(g,h,i)perylene	27.203	276	2211496	47.842	ng	99

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

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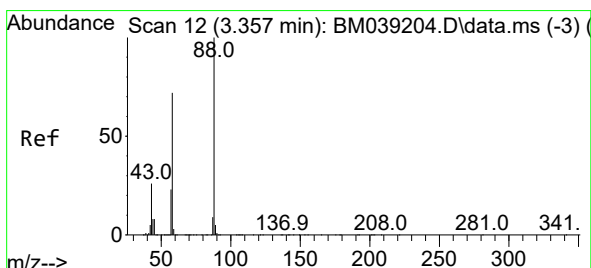
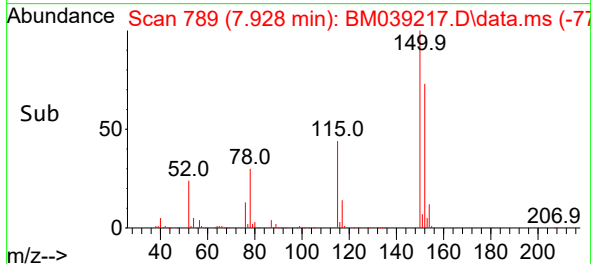
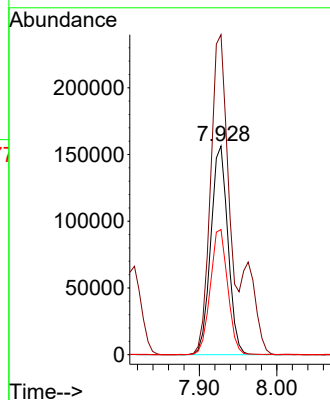
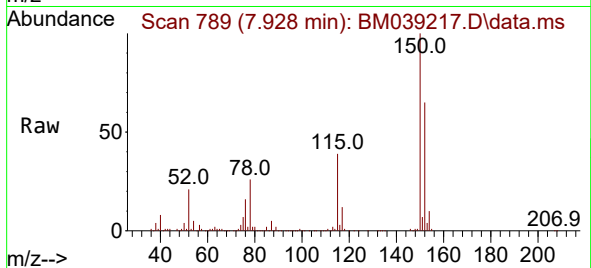




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM039217.D
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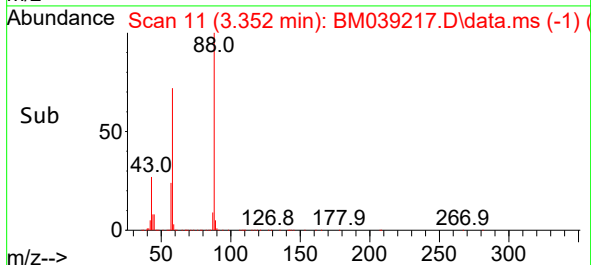
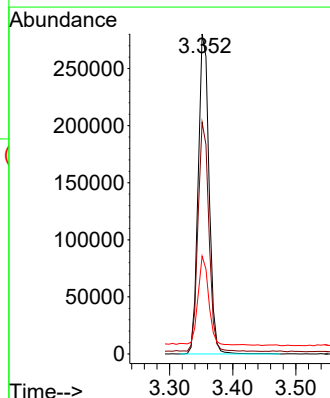
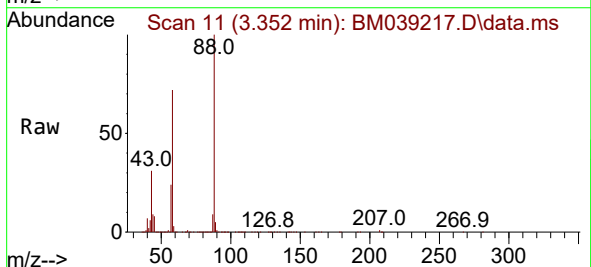
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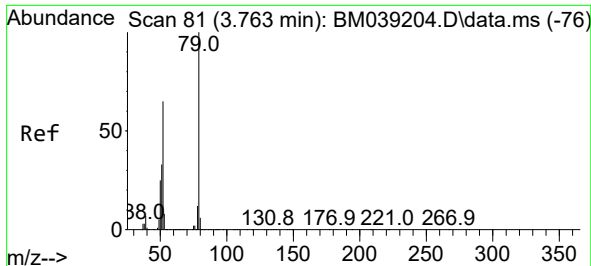
Tgt Ion:152 Resp: 240359
Ion Ratio Lower Upper
152 100
150 153.4 125.5 188.3
115 60.0 48.1 72.1



#2
1,4-Dioxane
Concen: 51.128 ng
RT: 3.352 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion: 88 Resp: 333405
Ion Ratio Lower Upper
88 100
58 71.7 57.9 86.9
43 26.8 21.4 32.2

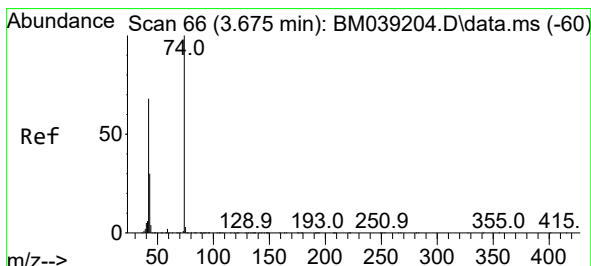
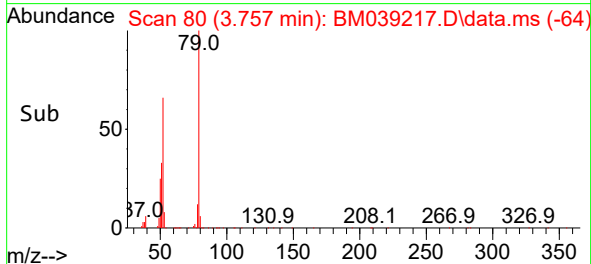
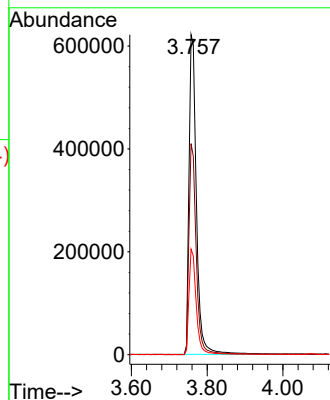
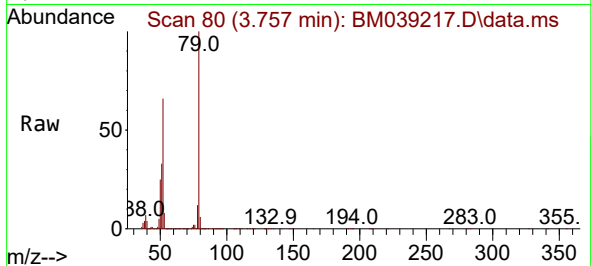




#3
 Pyridine
 Concen: 46.091 ng
 RT: 3.757 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

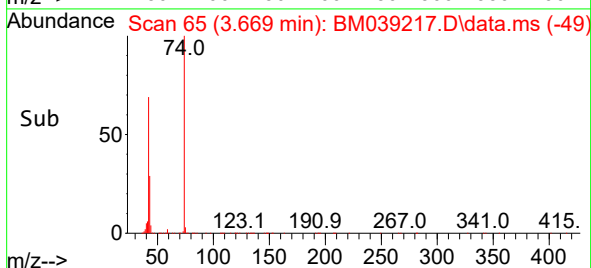
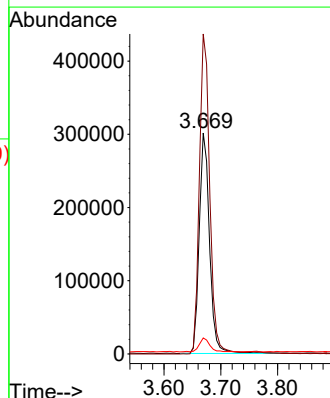
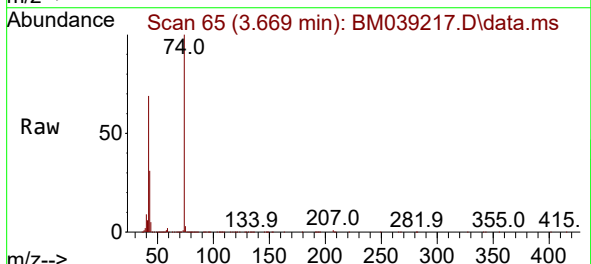
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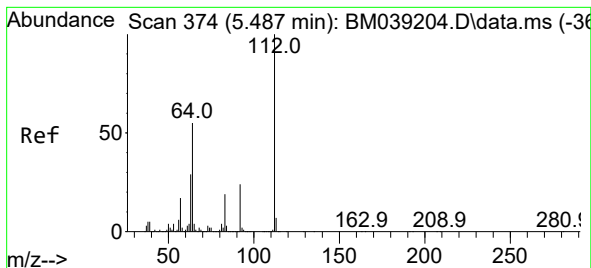
Tgt Ion: 79 Resp: 842010
 Ion Ratio Lower Upper
 79 100
 52 65.9 52.0 78.0
 51 33.0 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 53.190 ng
 RT: 3.669 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

Tgt Ion: 42 Resp: 381616
 Ion Ratio Lower Upper
 42 100
 74 144.8 118.1 177.1
 44 7.3 6.3 9.5

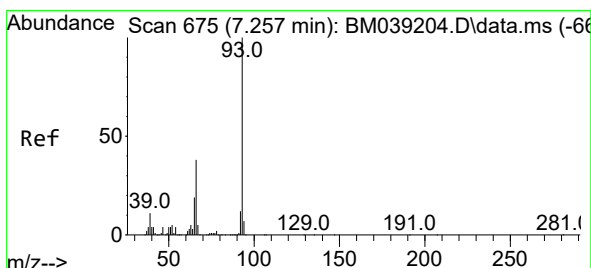
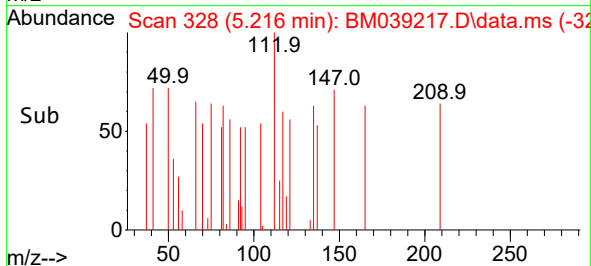
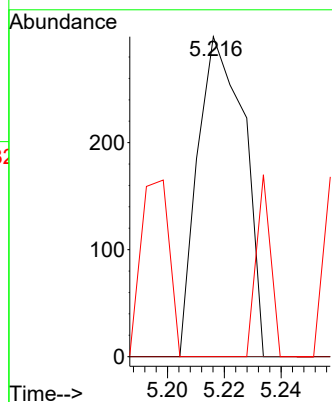
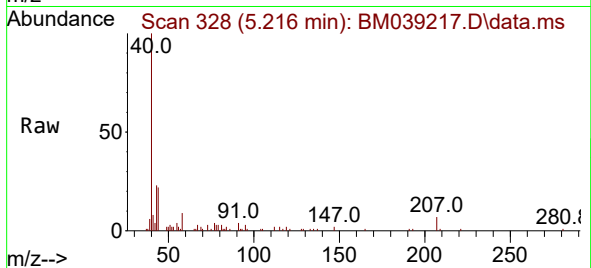




#5
2-Fluorophenol
Concen: 0.021 ng
RT: 5.216 min Scan# 31
Delta R.T. -0.271 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

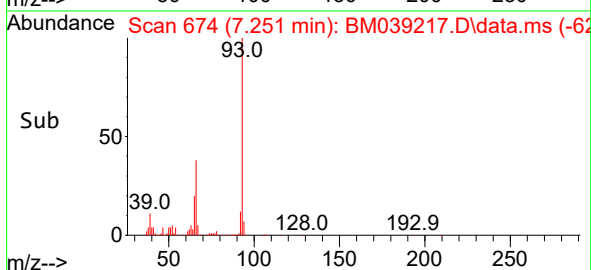
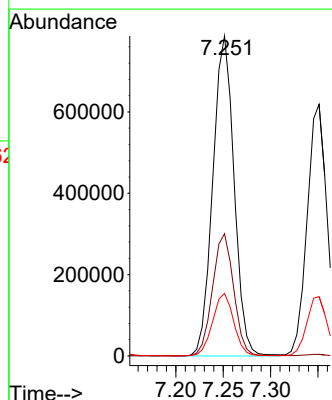
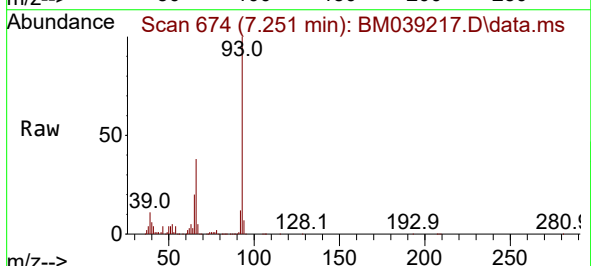
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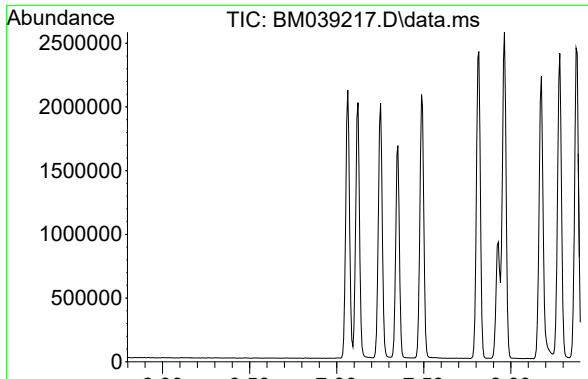
Tgt Ion:112 Resp: 339
Ion Ratio Lower Upper
112 100
64 0.0 44.3 66.5#
63 0.0 23.0 34.6#



#6
Aniline
Concen: 47.998 ng
RT: 7.251 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion: 93 Resp: 1225848
Ion Ratio Lower Upper
93 100
66 38.2 30.1 45.1
65 19.6 15.5 23.3



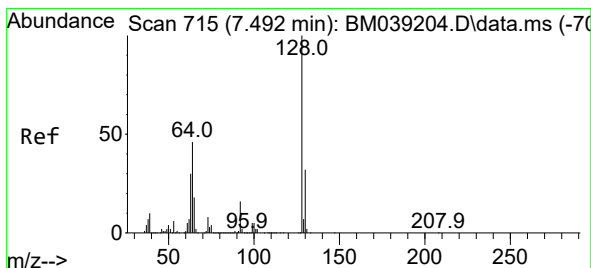
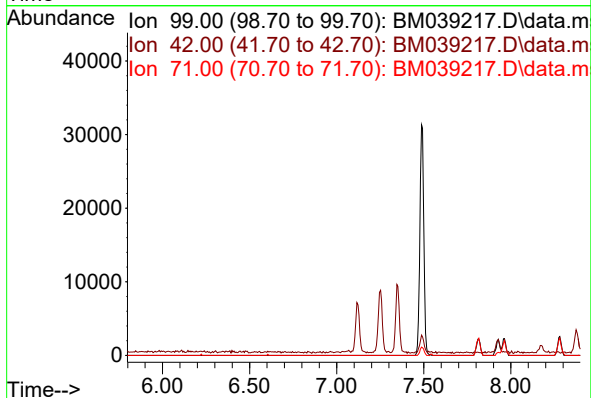


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.10 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

Instrument :
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 ClientSampleId :
 SP6173

Tgt Ion: 99

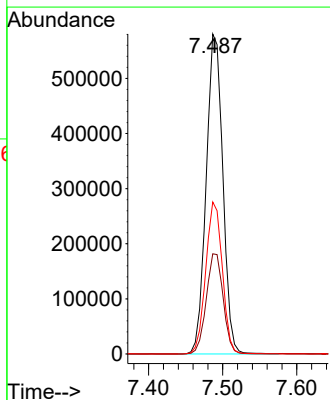
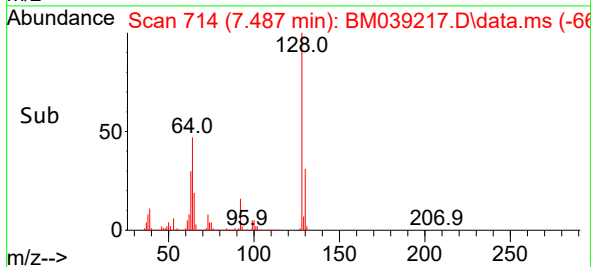
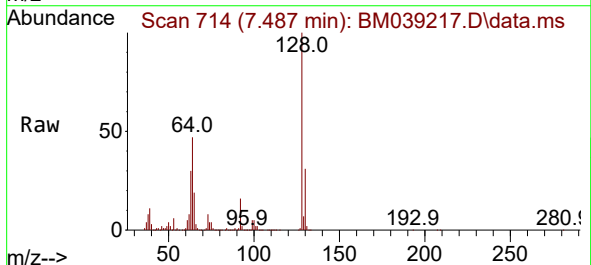
Sig	Exp Ratio
99	100
42	16.3
71	31.9

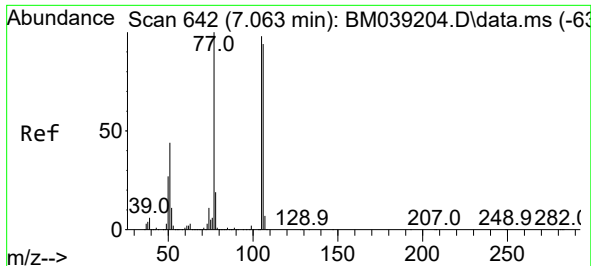


#8
 2-Chlorophenol
 Concen: 55.480 ng
 RT: 7.487 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

Tgt Ion: 128 Resp: 905929

Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.2	52.2
64	47.5	25.9	65.9

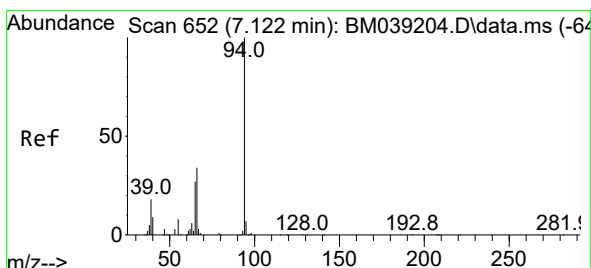
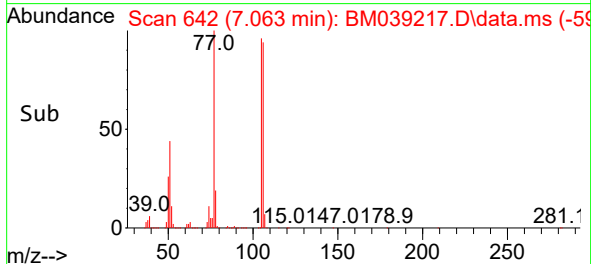
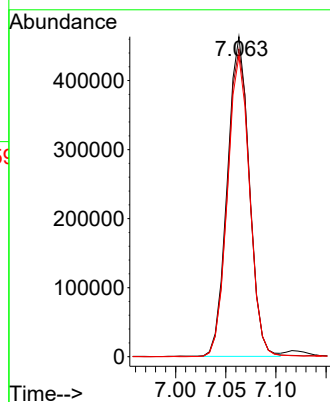
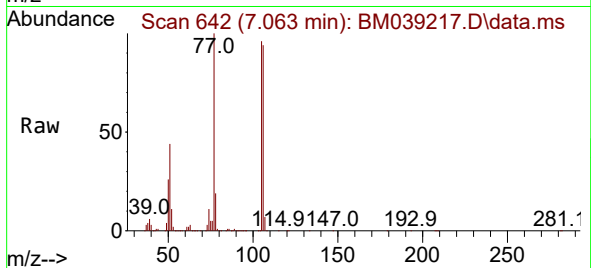




#9
Benzaldehyde
Concen: 59.838 ng
RT: 7.063 min Scan# 642
Delta R.T. 0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

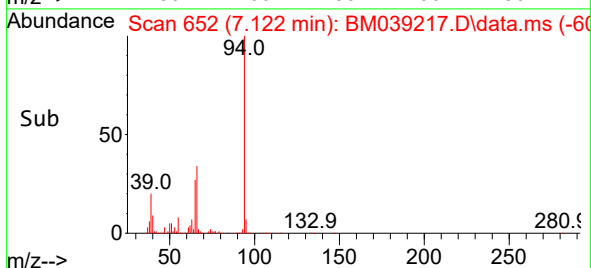
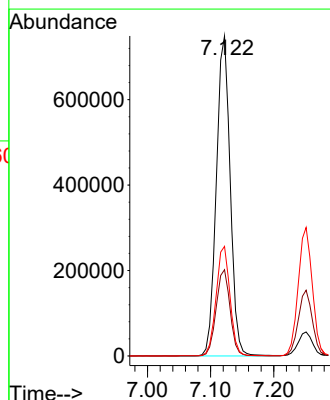
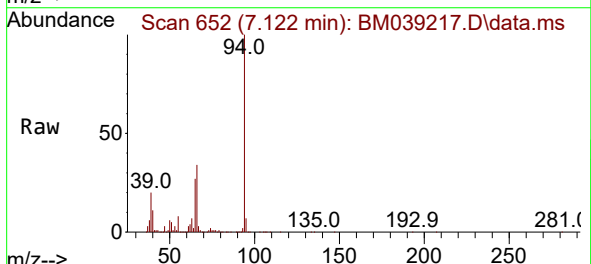
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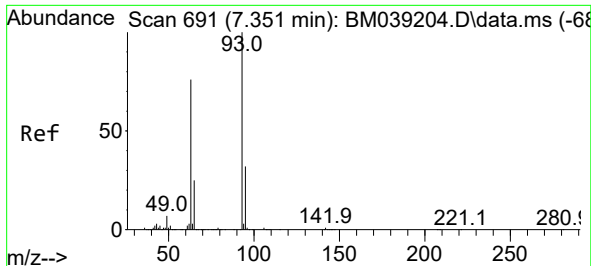
Tgt Ion: 77 Resp: 703181
Ion Ratio Lower Upper
77 100
105 96.1 78.2 118.2
106 93.9 73.8 113.8



#10
Phenol
Concen: 55.118 ng
RT: 7.122 min Scan# 652
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion: 94 Resp: 1139786
Ion Ratio Lower Upper
94 100
65 27.0 7.2 47.2
66 34.3 15.2 55.2

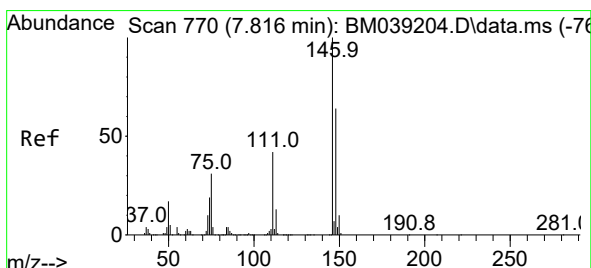
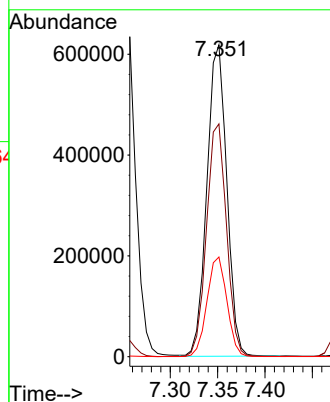
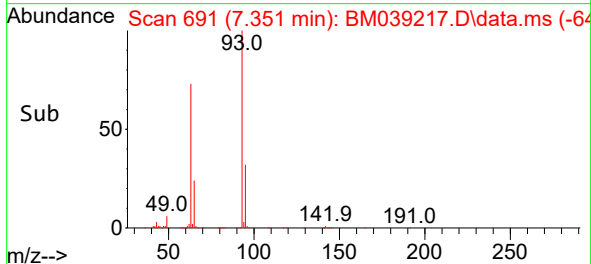
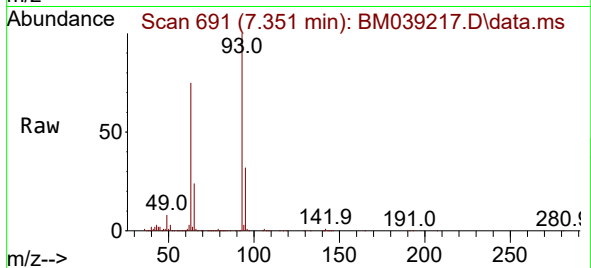




#11
bis(2-Chloroethyl)ether
Concen: 54.202 ng
RT: 7.351 min Scan# 691
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

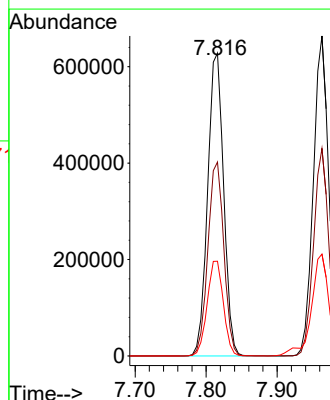
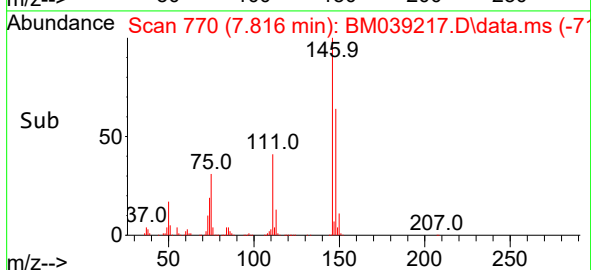
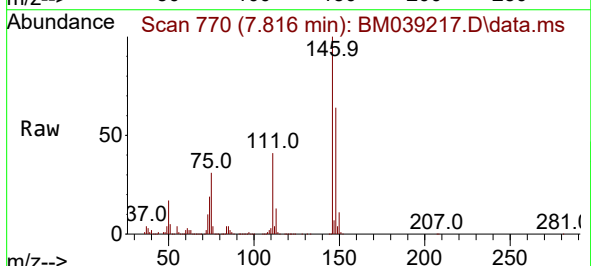
Instrument :
BNA_M
ClientSampleId :
SP6173

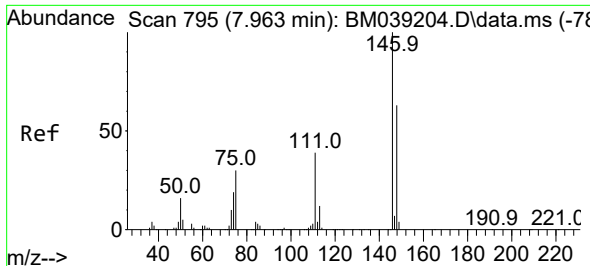
Tgt Ion: 93 Resp: 901696
Ion Ratio Lower Upper
93 100
63 74.7 55.5 95.5
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 56.718 ng
RT: 7.816 min Scan# 770
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion: 146 Resp: 982190
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 31.3 25.2 37.8

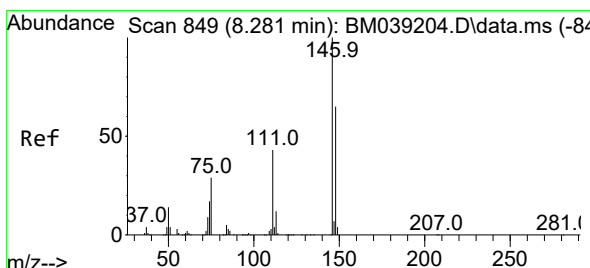
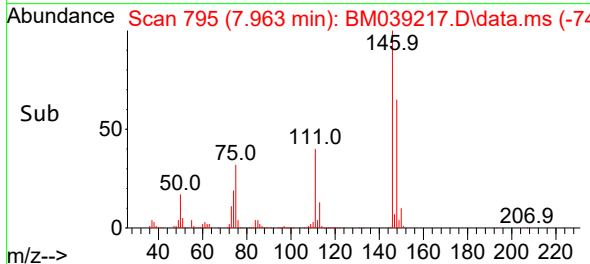
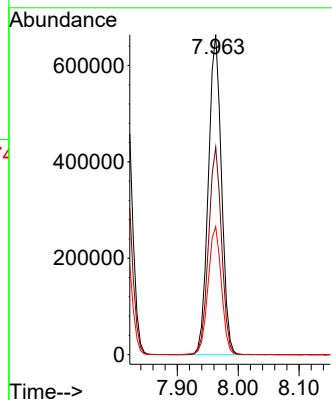
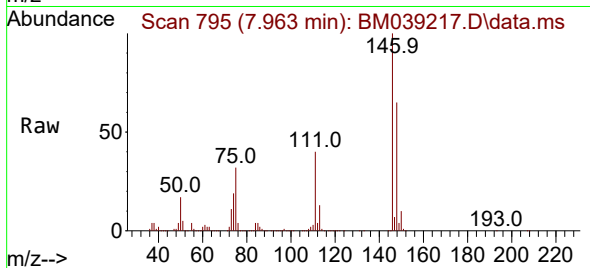




#13
1,4-Dichlorobenzene
Concen: 56.821 ng
RT: 7.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

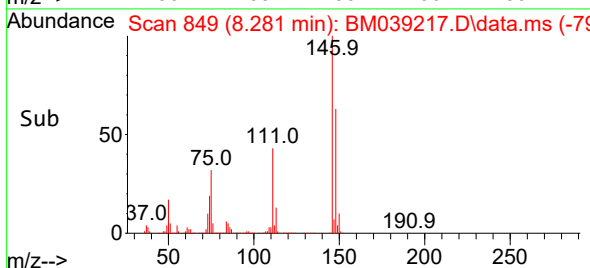
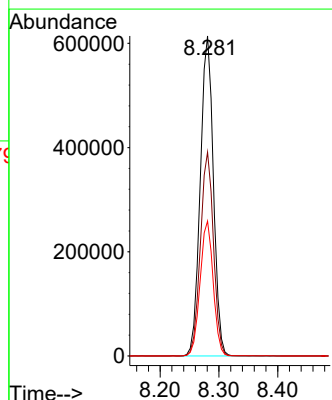
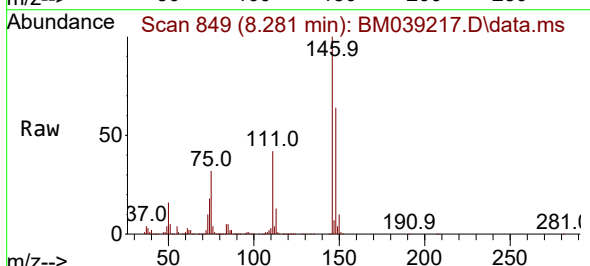
Instrument :
BNA_M
ClientSampleId :
SP6173

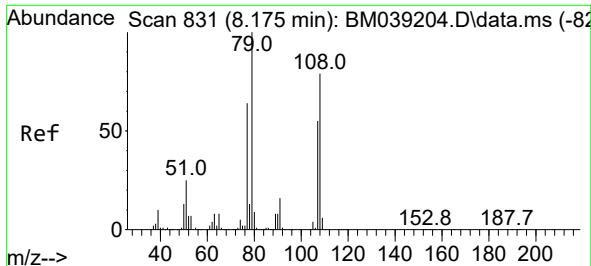
Tgt Ion:146 Resp: 994930
Ion Ratio Lower Upper
146 100
148 64.9 50.8 76.2
111 40.0 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 56.786 ng
RT: 8.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:146 Resp: 950776
Ion Ratio Lower Upper
146 100
148 63.7 52.1 78.1
111 42.2 34.5 51.7

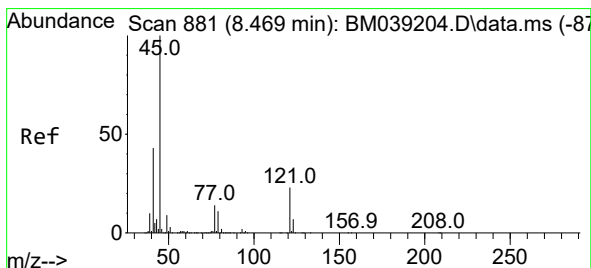
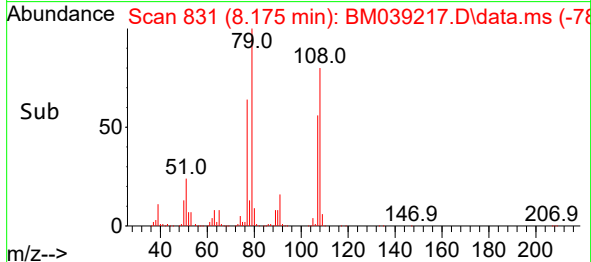
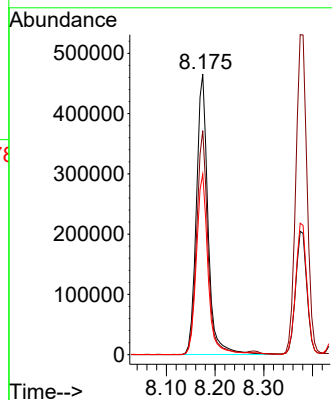
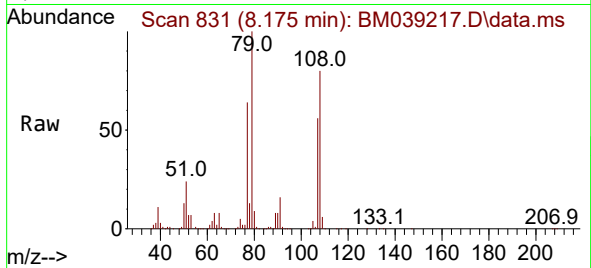




#15
Benzyl Alcohol
Concen: 54.611 ng
RT: 8.175 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

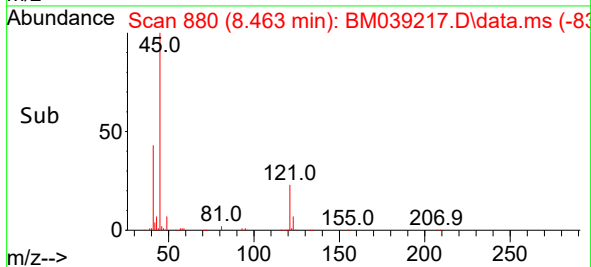
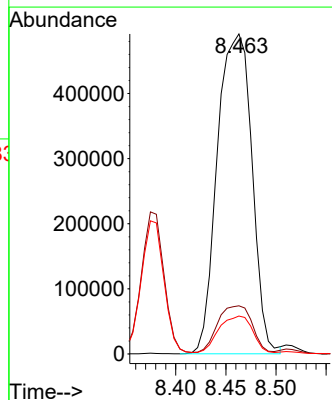
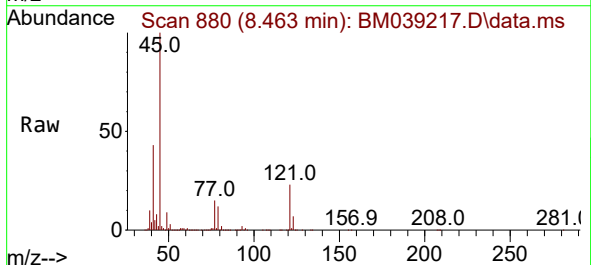
Instrument :
BNA_M
ClientSampleId :
SP6173

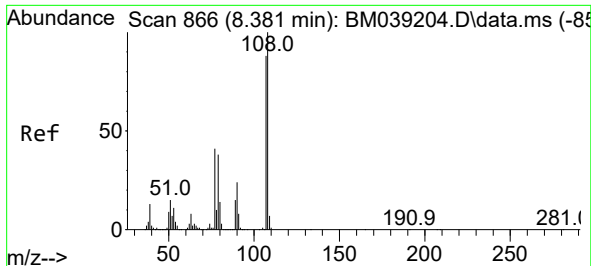
Tgt Ion: 79 Resp: 775075
Ion Ratio Lower Upper
79 100
108 79.9 63.4 95.0
77 64.4 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.515 ng
RT: 8.463 min Scan# 880
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion: 45 Resp: 1181272
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.1
79 11.9 0.0 32.2

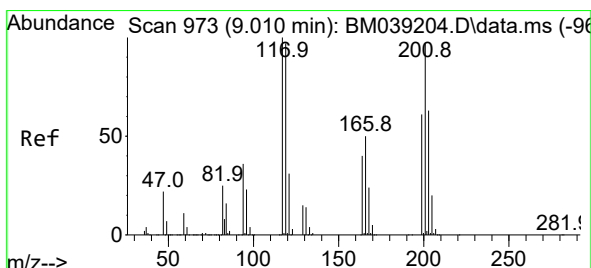
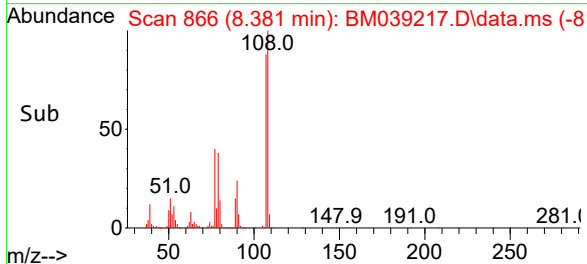
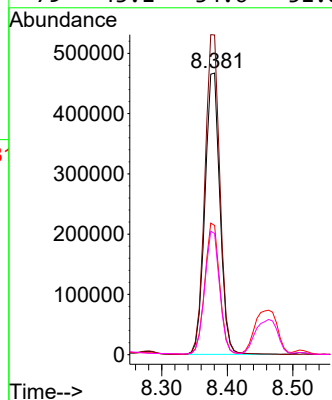
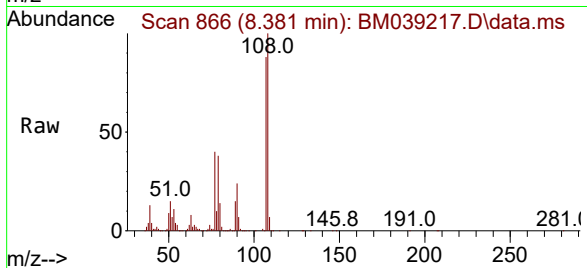




#17
2-Methylphenol
Concen: 51.361 ng
RT: 8.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

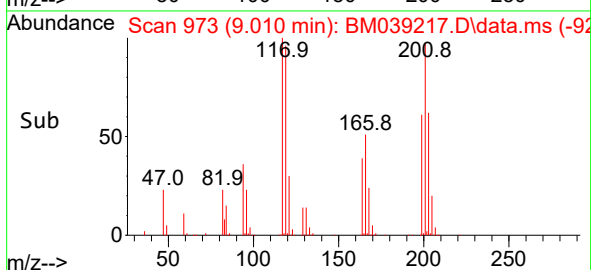
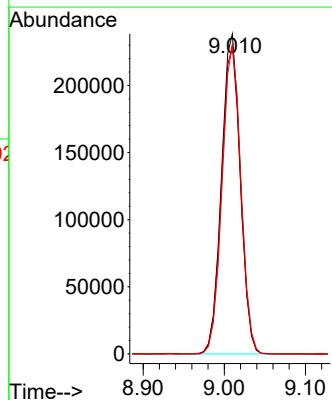
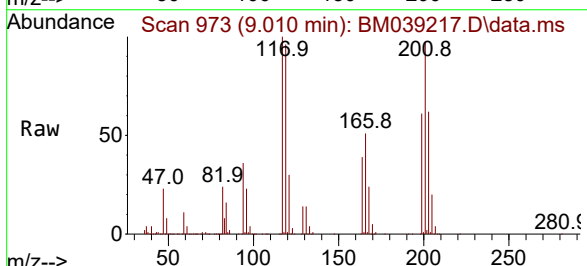
Instrument :
BNA_M
ClientSampleId :
SP6173

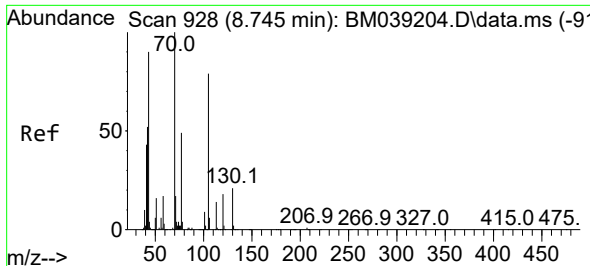
Tgt Ion:	107	Resp:	743089
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.6	136.0
77	45.9	37.0	55.4
79	43.1	34.6	51.8



#18
Hexachloroethane
Concen: 56.867 ng
RT: 9.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:	117	Resp:	385169
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.8	116.8
201	96.6	77.3	115.9

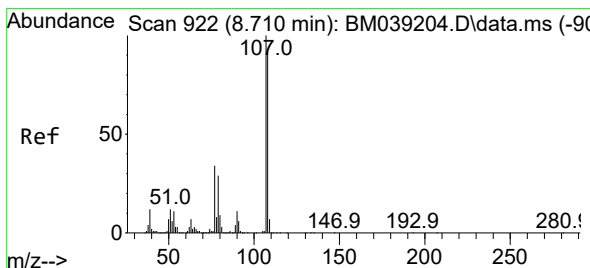
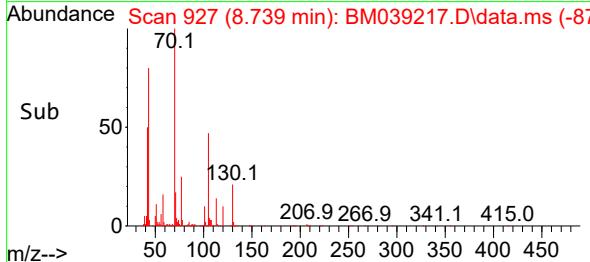
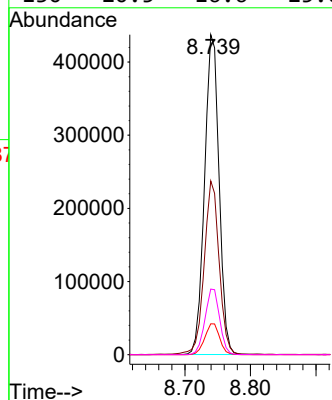
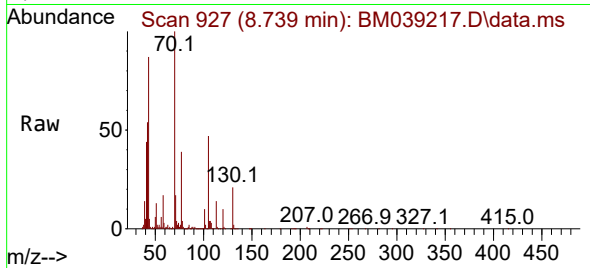




#19
n-Nitroso-di-n-propylamine
Concen: 51.145 ng
RT: 8.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

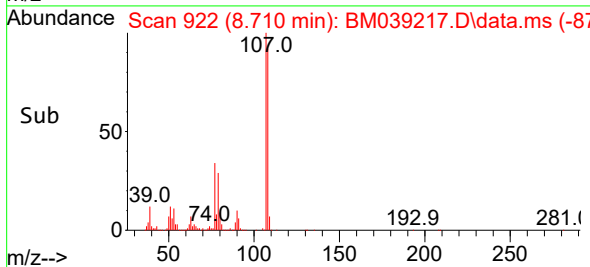
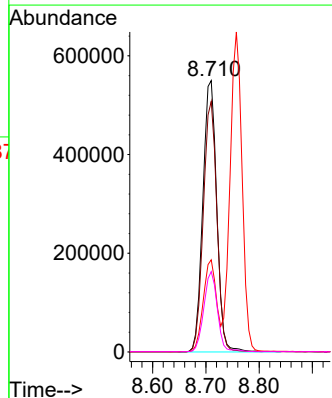
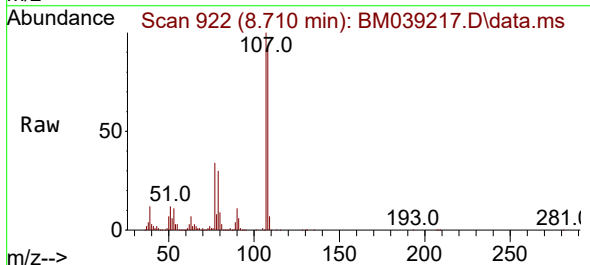
Instrument :
BNA_M
ClientSampleId :
SP6173

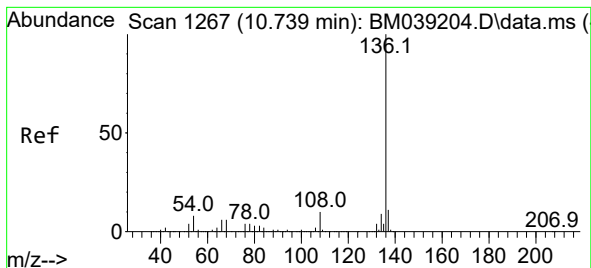
Tgt Ion: 70 Resp: 674637
Ion Ratio Lower Upper
70 100
42 54.3 42.2 63.2
101 9.6 7.6 11.4
130 20.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 51.179 ng
RT: 8.710 min Scan# 922
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion: 107 Resp: 994979
Ion Ratio Lower Upper
107 100
108 92.4 72.1 112.1
77 34.0 13.7 53.7
79 29.6 8.6 48.6

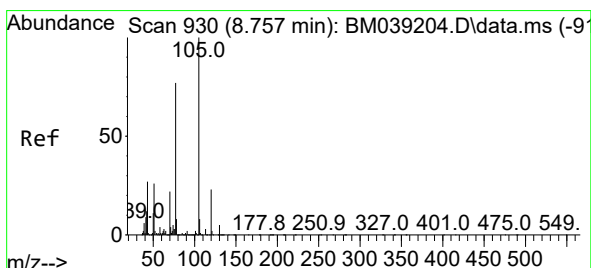
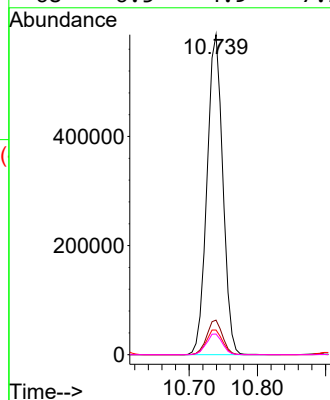
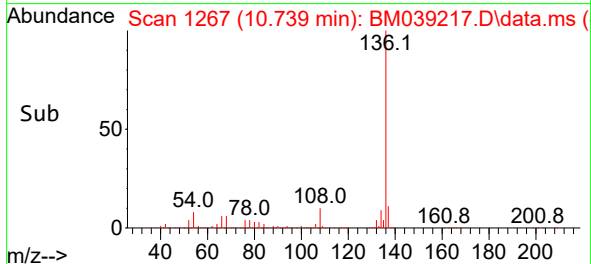
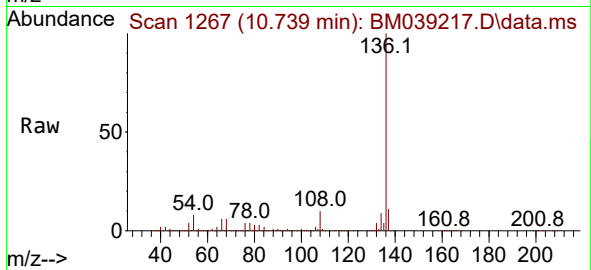




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

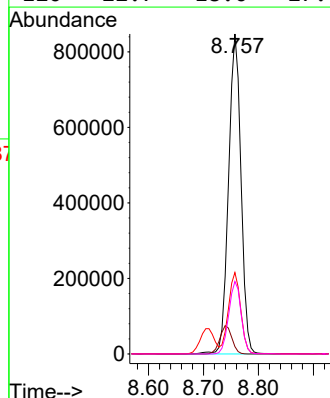
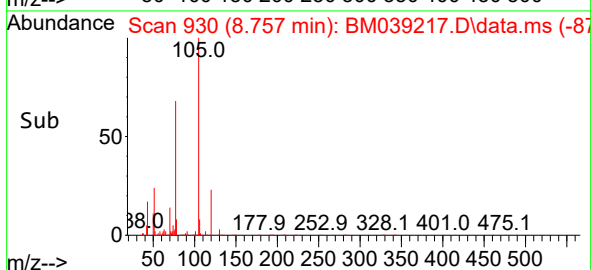
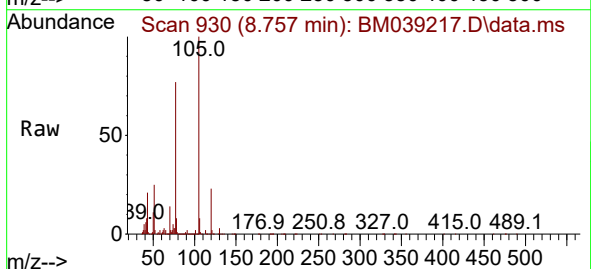
Instrument :
BNA_M
ClientSampleId :
SP6173

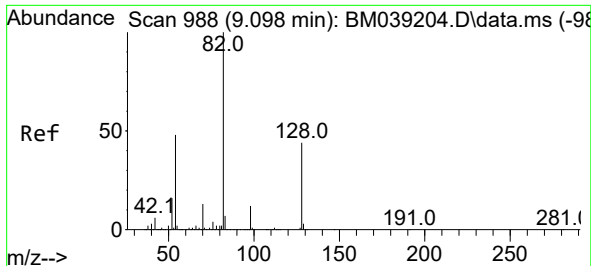
Tgt Ion:136 Resp: 946173
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.7 6.2 9.4
68 6.5 4.9 7.3



#22
Acetophenone
Concen: 52.562 ng
RT: 8.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:105 Resp: 1329727
Ion Ratio Lower Upper
105 100
71 2.3 2.8 4.2#
51 25.5 20.6 31.0
120 22.7 18.0 27.0

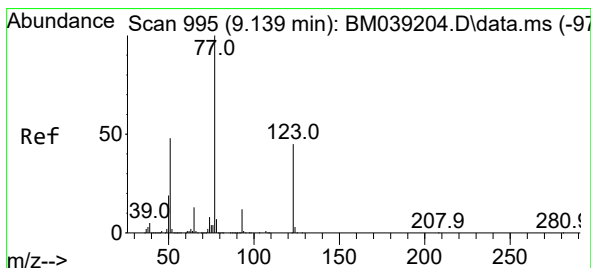
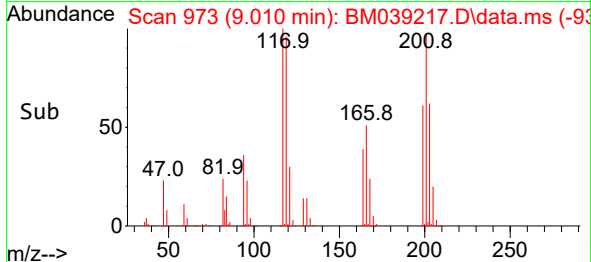
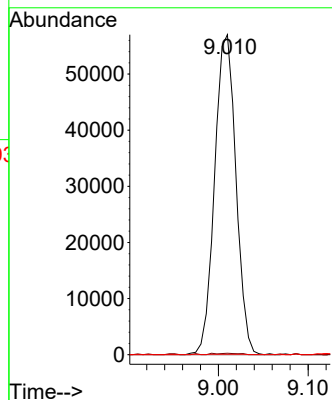
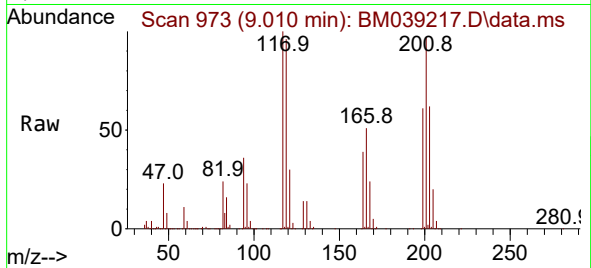




#23
Nitrobenzene-d5
Concen: 4.827 ng
RT: 9.010 min Scan# 91
Delta R.T. -0.088 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

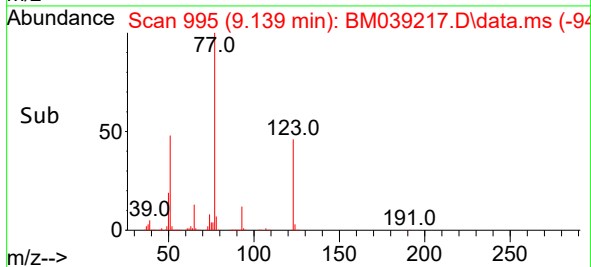
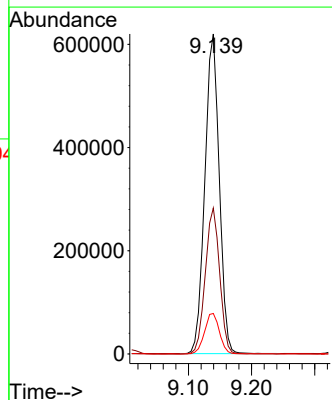
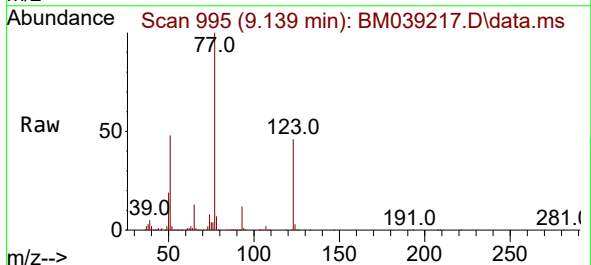
Instrument :
BNA_M
ClientSampleId :
SP6173

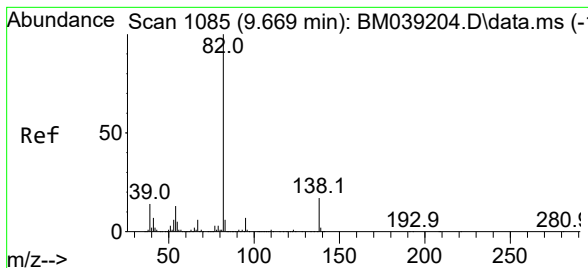
Tgt Ion: 82 Resp: 93962
Ion Ratio Lower Upper
82 100
128 0.4 35.1 52.7#
54 0.0 38.5 57.7#



#24
Nitrobenzene
Concen: 50.617 ng
RT: 9.139 min Scan# 995
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion: 77 Resp: 980132
Ion Ratio Lower Upper
77 100
123 45.6 36.2 54.2
65 12.7 10.6 15.8





#25

Isophorone

Concen: 50.117 ng

RT: 9.669 min Scan# 1085

Delta R.T. -0.000 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

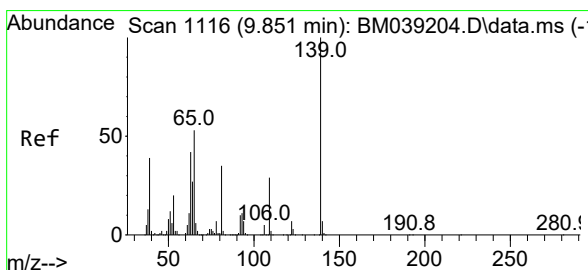
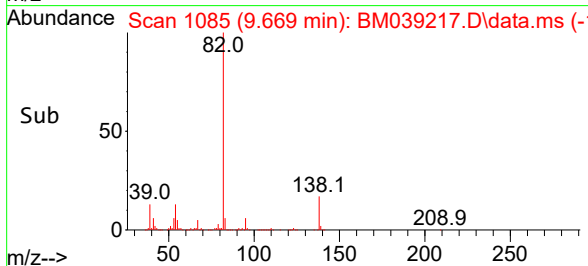
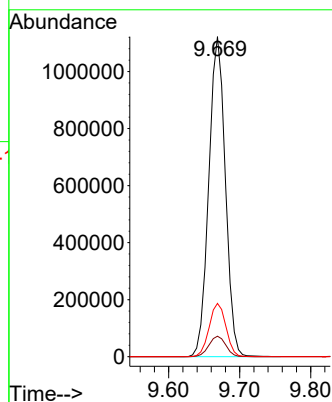
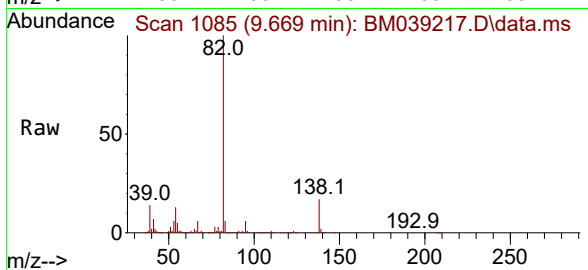
Tgt Ion: 82 Resp: 1820161

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.7 13.5 20.3



#26

2-Nitrophenol

Concen: 53.473 ng

RT: 9.851 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

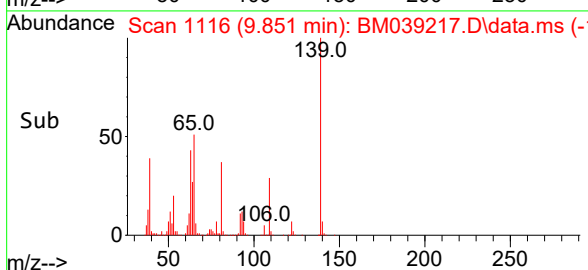
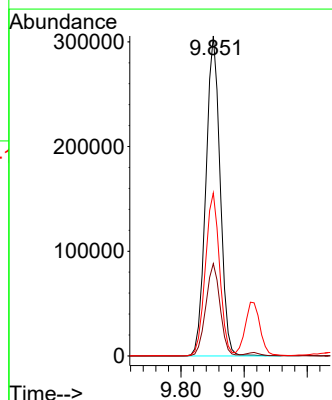
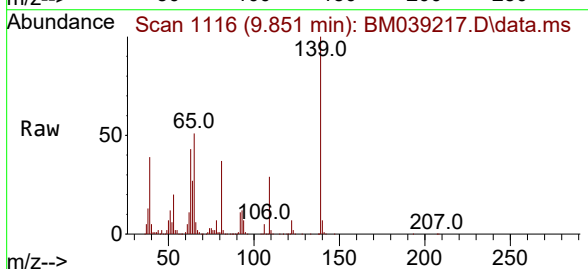
Tgt Ion: 139 Resp: 478639

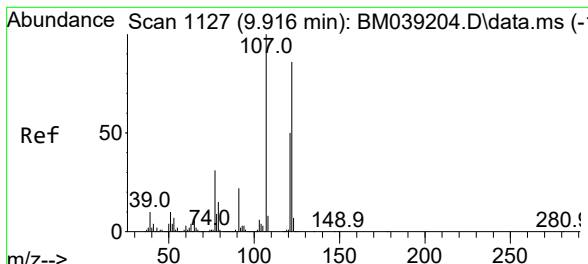
Ion Ratio Lower Upper

139 100

109 28.8 23.4 35.0

65 51.0 42.2 63.2



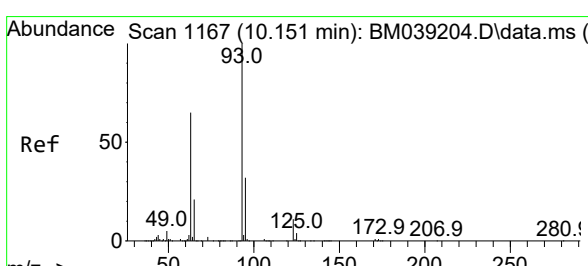
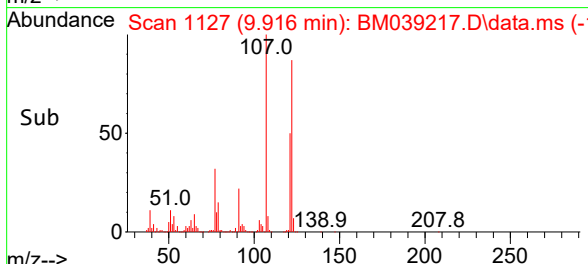
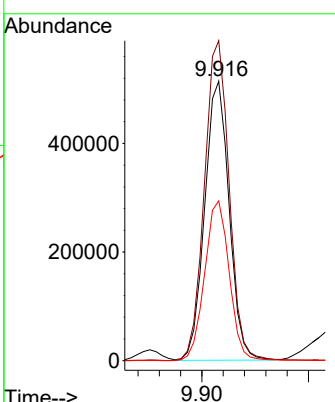
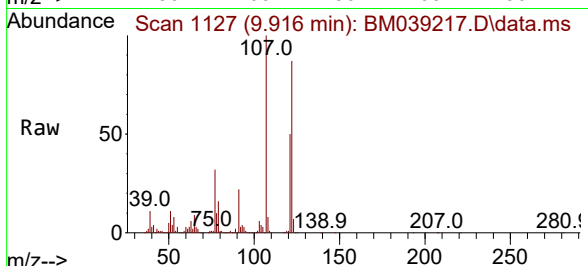


#27
 2,4-Dimethylphenol
 Concen: 55.012 ng
 RT: 9.916 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

Instrument :
 BNA_M
 ClientSampleId :
 SP6173

Tgt Ion:122 Resp: 818157

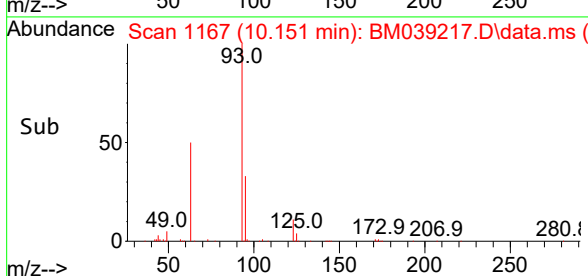
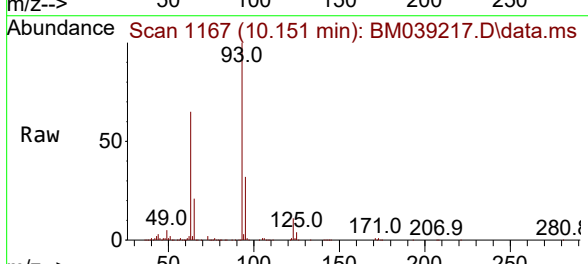
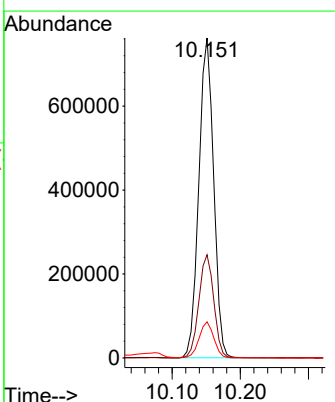
Ion	Ratio	Lower	Upper
122	100		
107	114.4	92.3	138.5
121	57.1	46.3	69.5

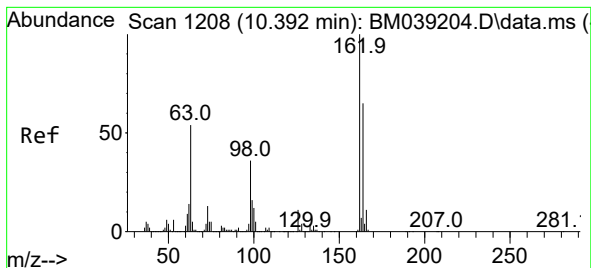


#28
 bis(2-Chloroethoxy)methane
 Concen: 52.464 ng
 RT: 10.151 min Scan# 1167
 Delta R.T. -0.000 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

Tgt Ion: 93 Resp: 1153423

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	11.3	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 54.369 ng

RT: 10.386 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

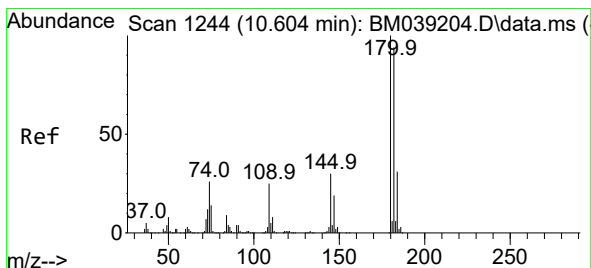
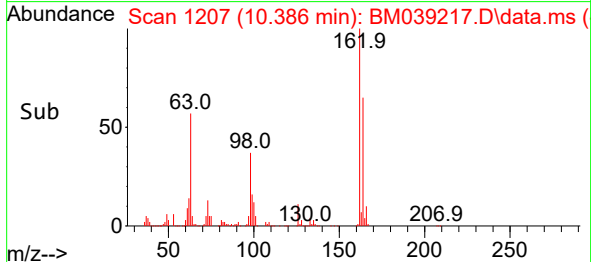
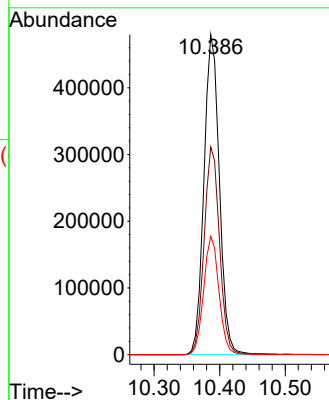
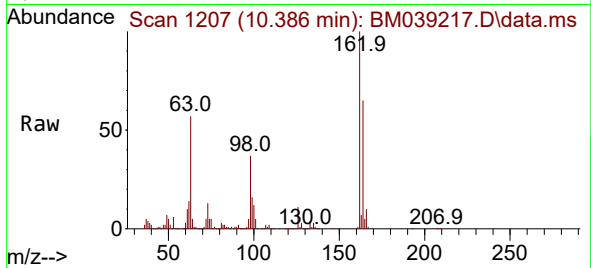
Tgt Ion:162 Resp: 788928

Ion Ratio Lower Upper

162 100

164 65.0 44.8 84.8

98 37.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 54.529 ng

RT: 10.598 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

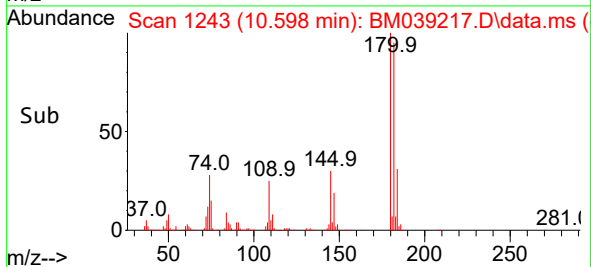
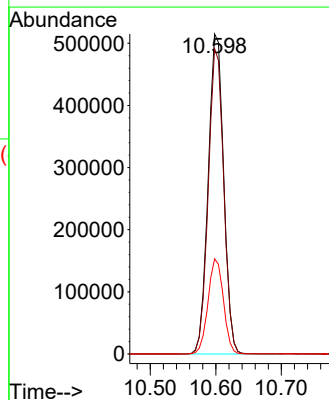
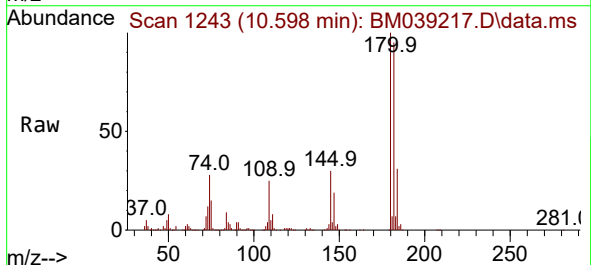
Tgt Ion:180 Resp: 846499

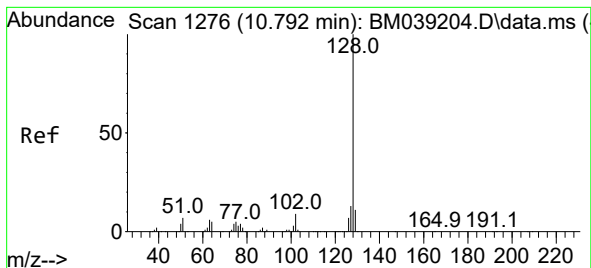
Ion Ratio Lower Upper

180 100

182 95.4 75.2 112.8

145 29.7 23.9 35.9





#31

Naphthalene

Concen: 51.713 ng

RT: 10.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

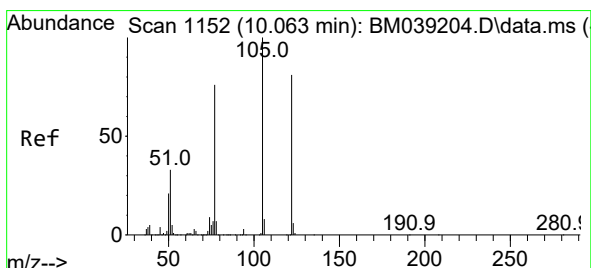
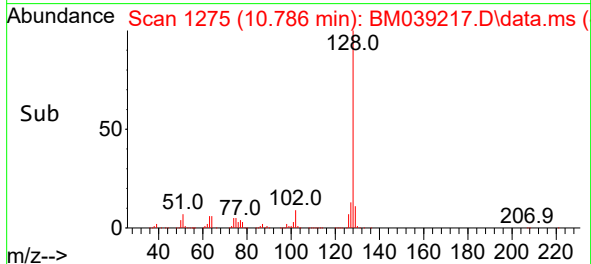
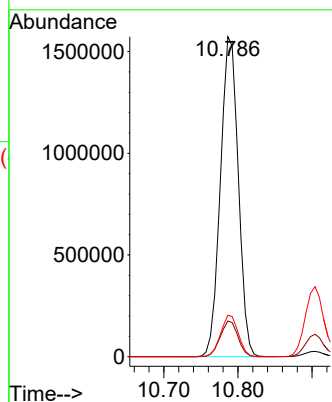
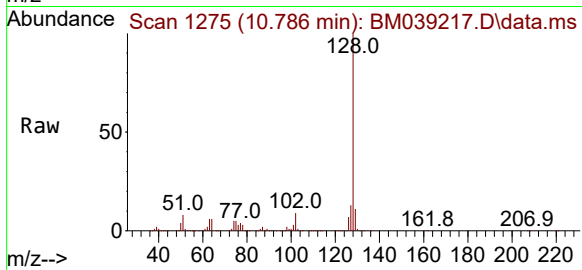
Tgt Ion:128 Resp: 2636505

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 49.335 ng

RT: 10.075 min Scan# 1154

Delta R.T. 0.012 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

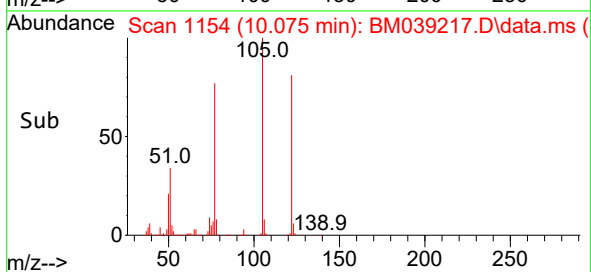
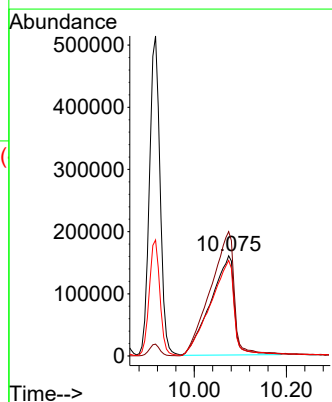
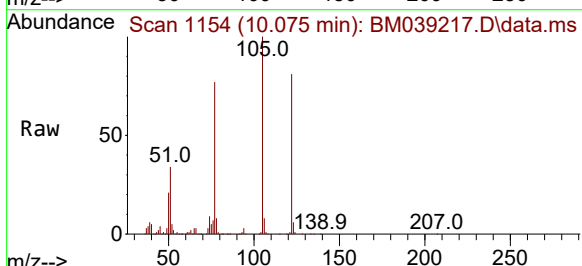
Tgt Ion:122 Resp: 571865

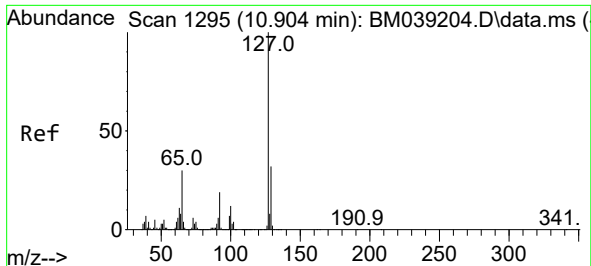
Ion Ratio Lower Upper

122 100

105 124.2 103.1 143.1

77 95.4 74.6 114.6

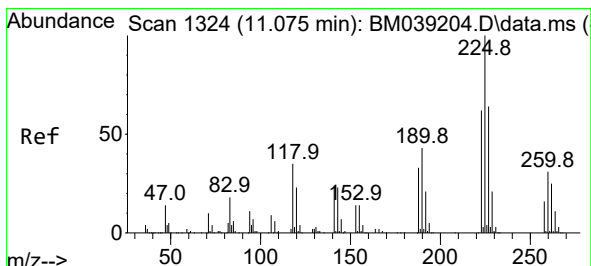
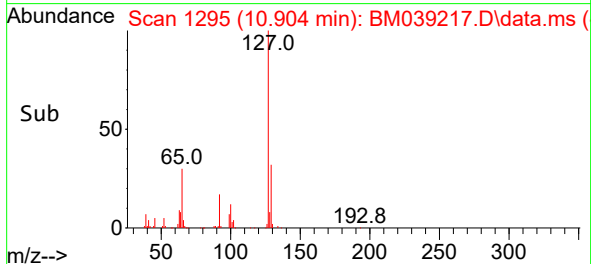
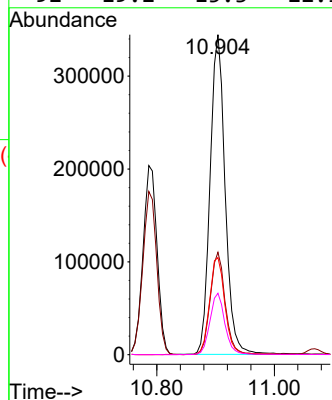
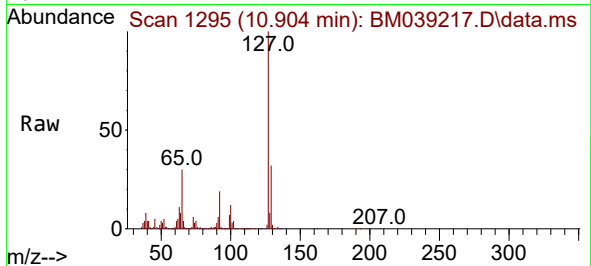




#33
4-Chloroaniline
Concen: 27.426 ng
RT: 10.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

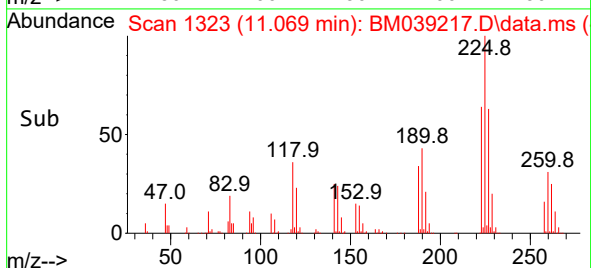
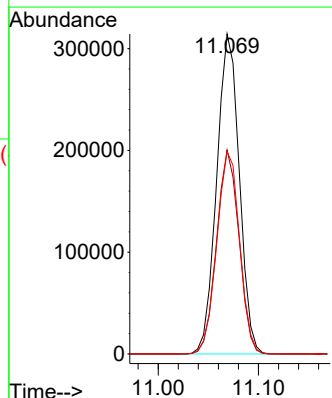
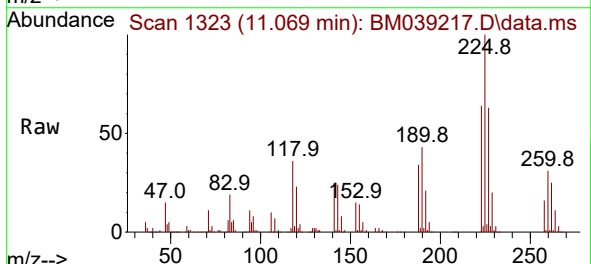
Instrument :
BNA_M
ClientSampleId :
SP6173

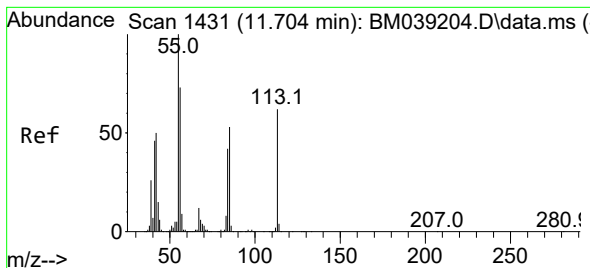
Tgt Ion:127	Resp: 612596
Ion Ratio	Lower Upper
127 100	
129 32.0	25.7 38.5
65 30.4	24.1 36.1
92 19.2	15.3 22.9



#34
Hexachlorobutadiene
Concen: 53.797 ng
RT: 11.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:225	Resp: 491077
Ion Ratio	Lower Upper
225 100	
223 63.7	49.8 74.6
227 63.3	51.6 77.4

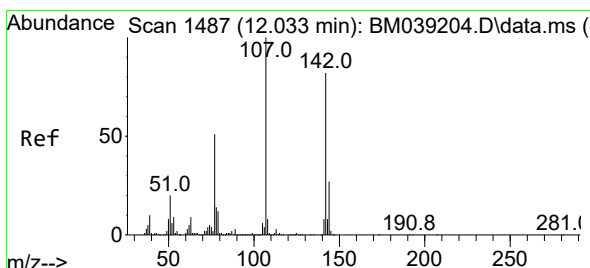
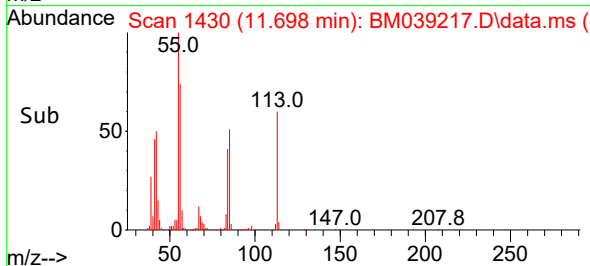
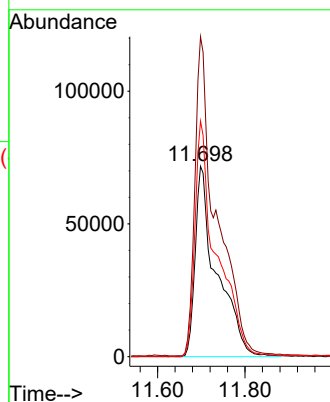
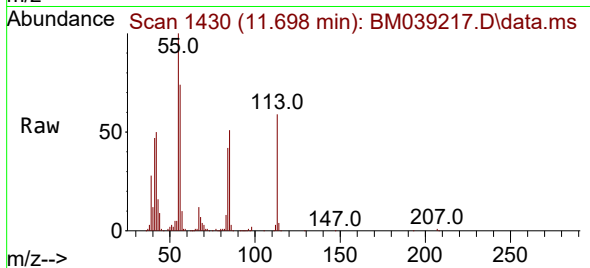




#35
Caprolactam
Concen: 48.565 ng
RT: 11.698 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

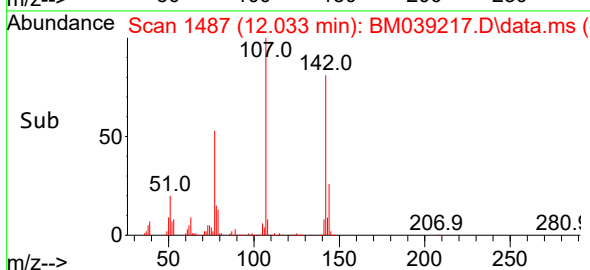
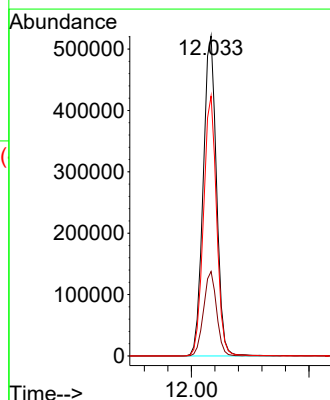
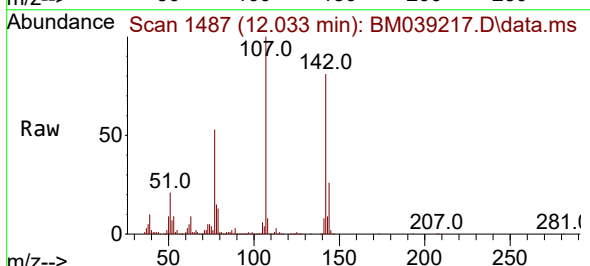
Instrument :
BNA_M
ClientSampleId :
SP6173

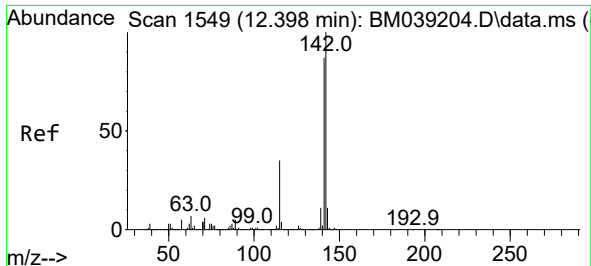
Tgt Ion:113 Resp: 244686
Ion Ratio Lower Upper
113 100
55 168.1 141.8 181.8
56 123.8 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 51.255 ng
RT: 12.033 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:107 Resp: 820579
Ion Ratio Lower Upper
107 100
144 26.4 21.4 32.2
142 81.3 65.2 97.8





#37

2-Methylnaphthalene

Concen: 48.875 ng

RT: 12.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

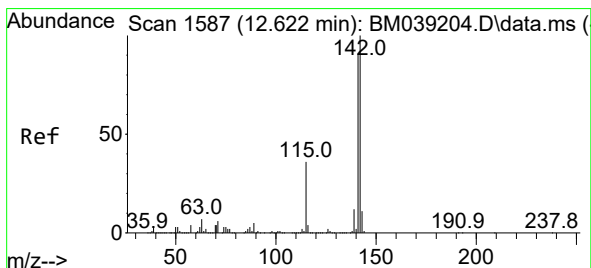
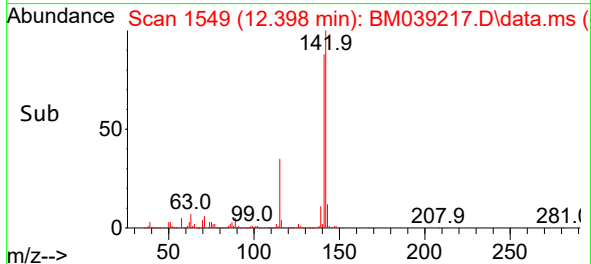
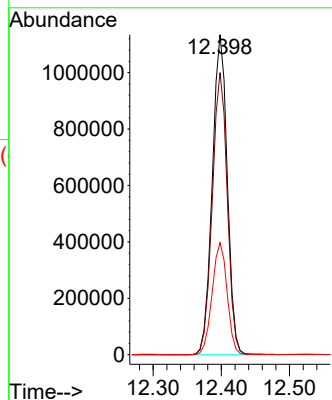
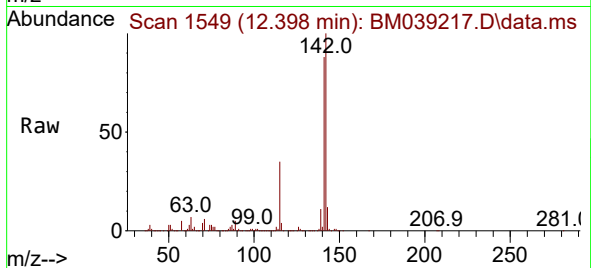
Tgt Ion:142 Resp: 1734667

Ion Ratio Lower Upper

142 100

141 88.1 69.8 104.8

115 35.0 27.8 41.8



#38

1-Methylnaphthalene

Concen: 48.707 ng

RT: 12.616 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

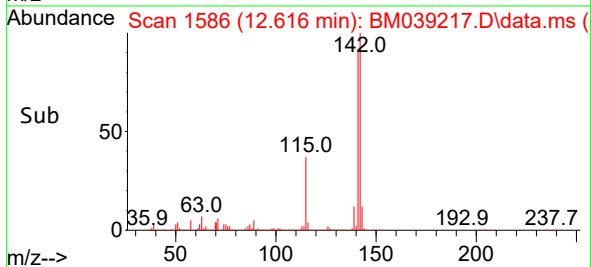
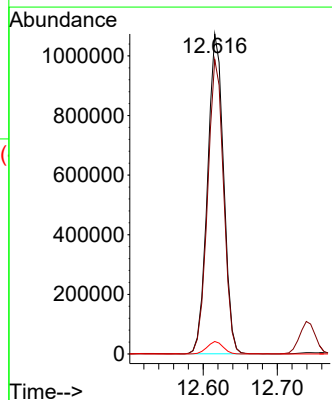
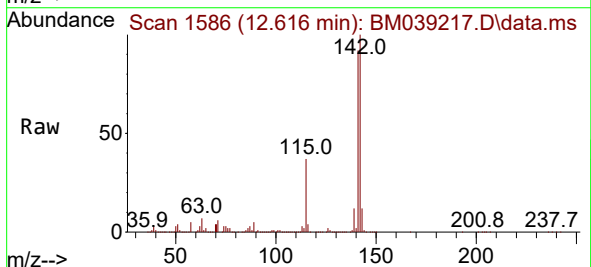
Tgt Ion:142 Resp: 1618670

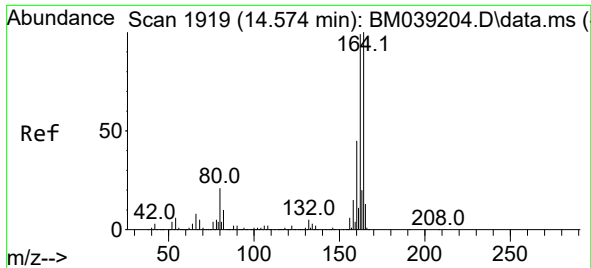
Ion Ratio Lower Upper

142 100

141 92.0 73.2 109.8

116 3.9 3.0 4.4

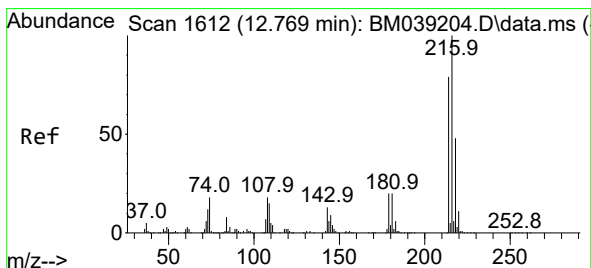
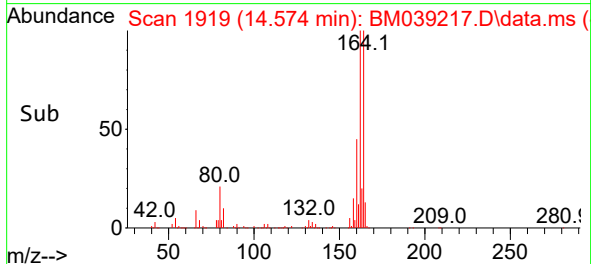
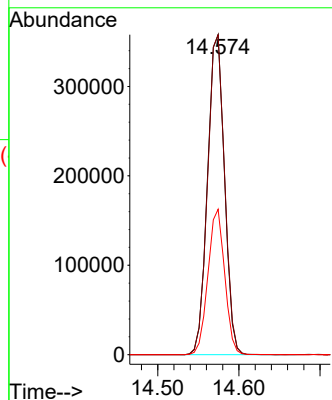
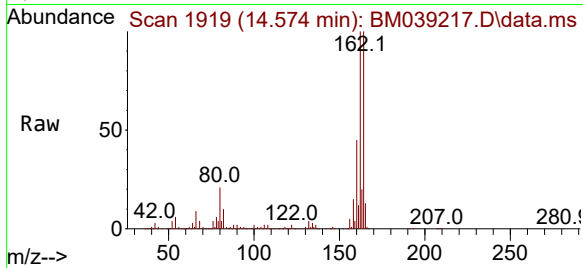




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

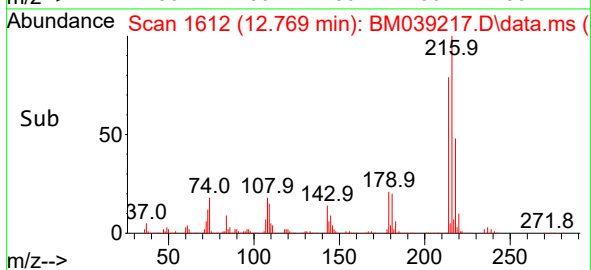
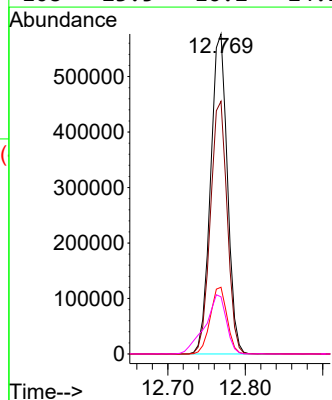
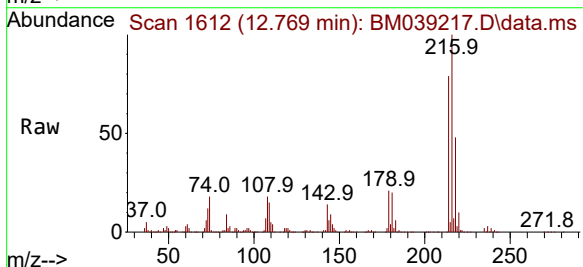
Instrument :
BNA_M
ClientSampleId :
SP6173

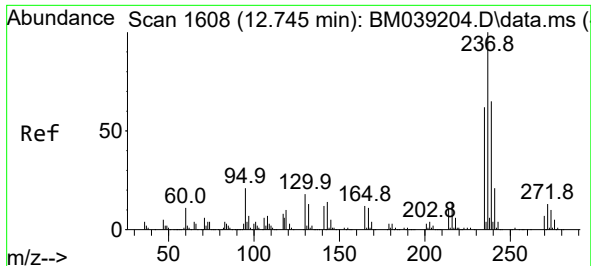
Tgt Ion:164 Resp: 517803
Ion Ratio Lower Upper
164 100
162 99.9 79.1 118.7
160 45.5 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.998 ng
RT: 12.769 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:216 Resp: 867060
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 20.9 16.8 25.2
108 23.5 16.2 24.2

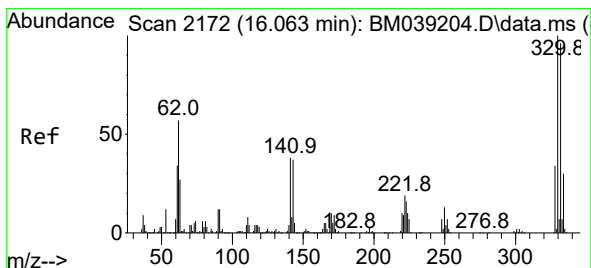
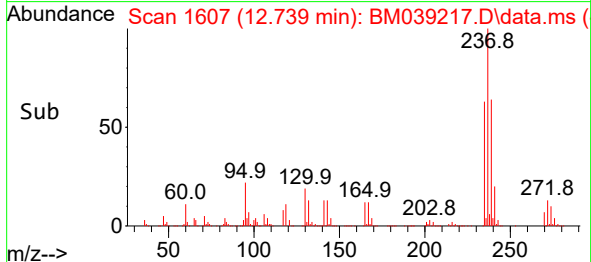
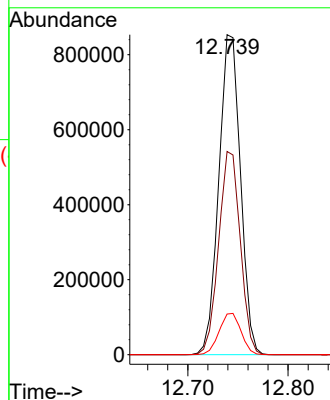
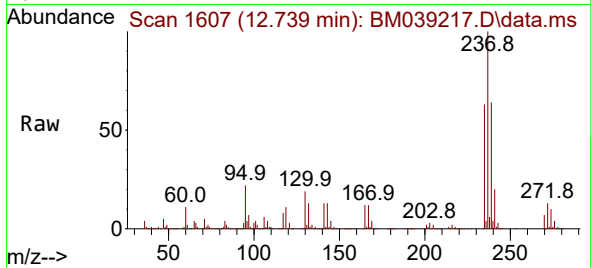




#41
Hexachlorocyclopentadiene
Concen: 148.703 ng
RT: 12.739 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

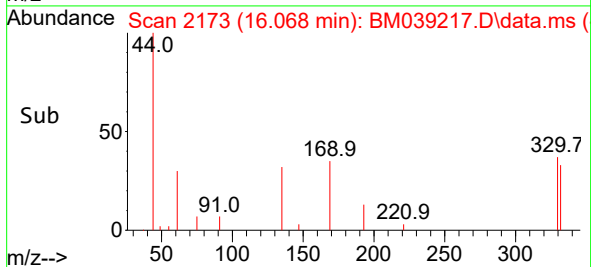
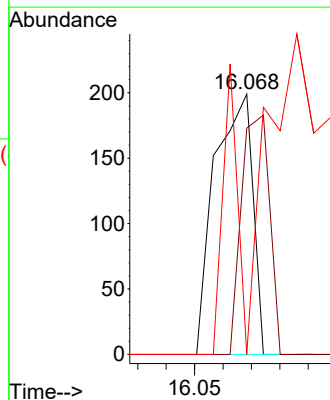
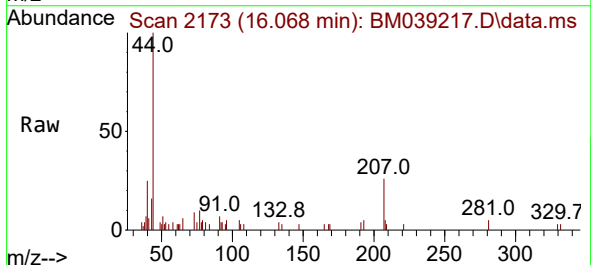
Instrument :
BNA_M
ClientSampleId :
SP6173

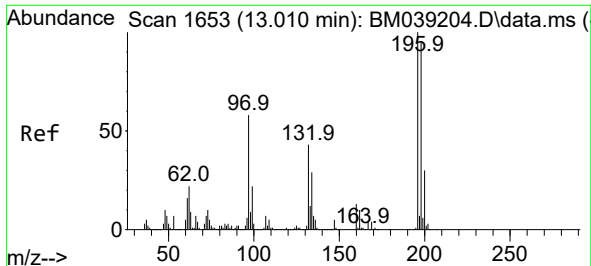
Tgt Ion:237 Resp: 1280739
Ion Ratio Lower Upper
237 100
235 63.5 41.6 81.6
272 12.7 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 0.028 ng
RT: 16.068 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:330 Resp: 184
Ion Ratio Lower Upper
330 100
332 68.5 77.4 116.0#
141 0.0 29.8 44.6#

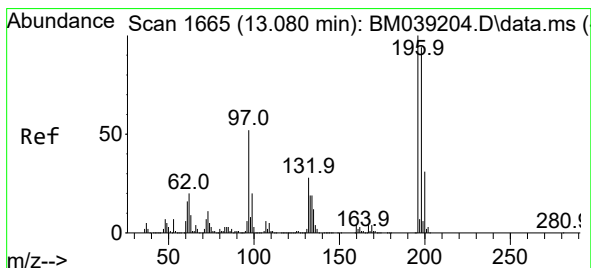
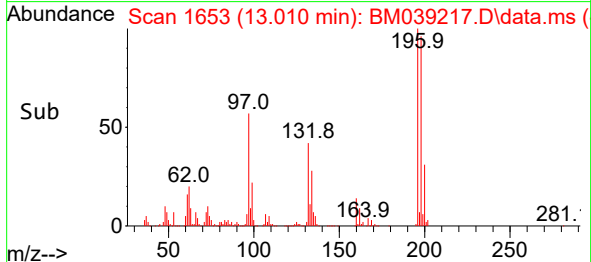
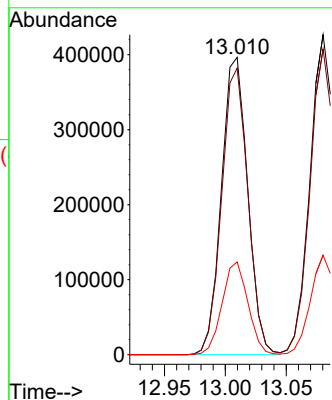
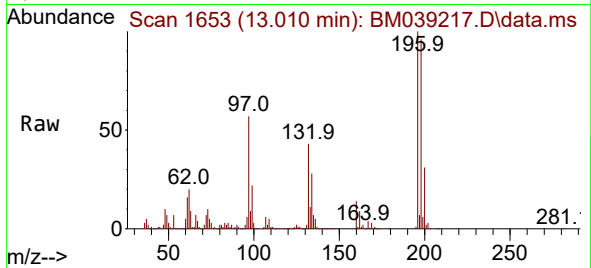




#43
2,4,6-Trichlorophenol
Concen: 55.461 ng
RT: 13.010 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

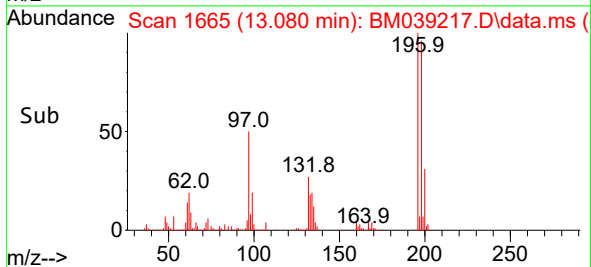
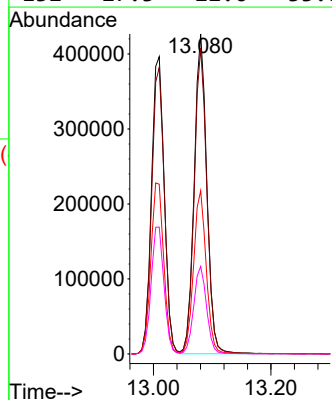
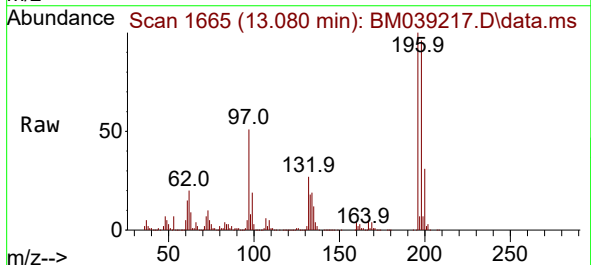
Instrument :
BNA_M
ClientSampleId :
SP6173

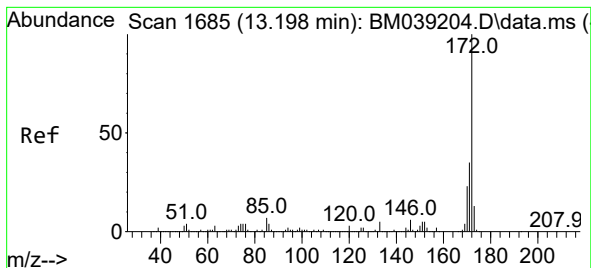
Tgt Ion:196 Resp: 596300
Ion Ratio Lower Upper
196 100
198 96.4 76.2 114.2
200 31.2 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 50.595 ng
RT: 13.080 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:196 Resp: 637717
Ion Ratio Lower Upper
196 100
198 95.6 75.2 112.8
97 51.0 41.4 62.0
132 27.3 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 0.033 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.118 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

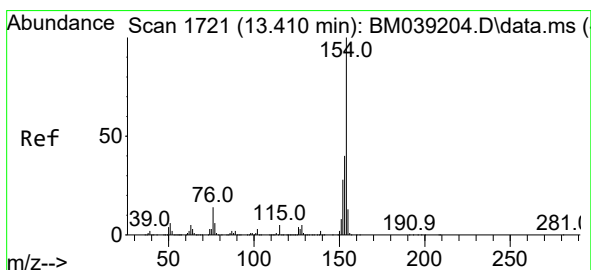
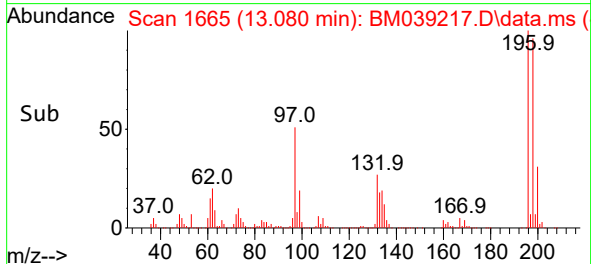
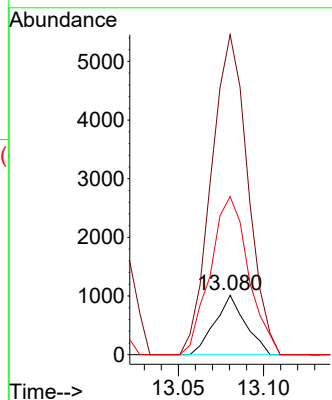
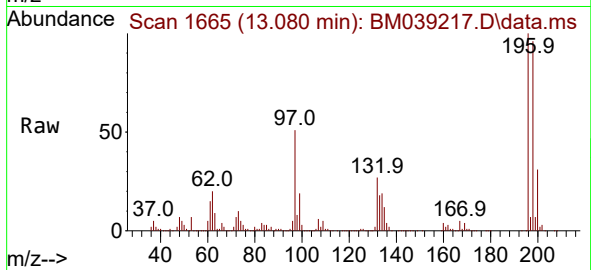
Tgt Ion:172 Resp: 1268

Ion Ratio Lower Upper

172 100

171 539.1 28.0 42.0#

170 266.3 18.7 28.1#



#46

1,1'-Biphenyl

Concen: 53.950 ng

RT: 13.404 min Scan# 1720

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

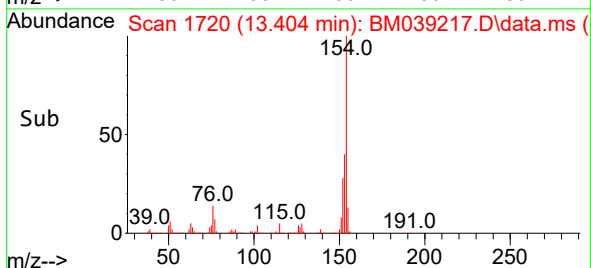
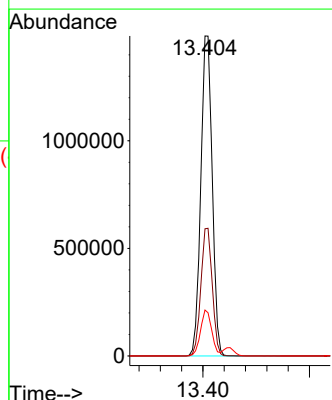
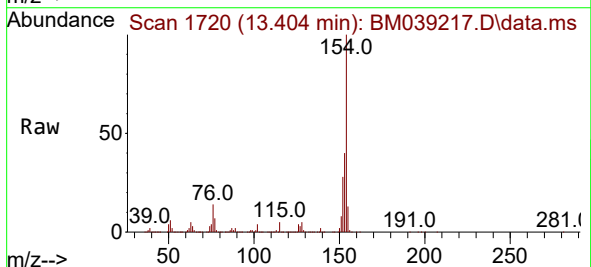
Tgt Ion:154 Resp: 2206016

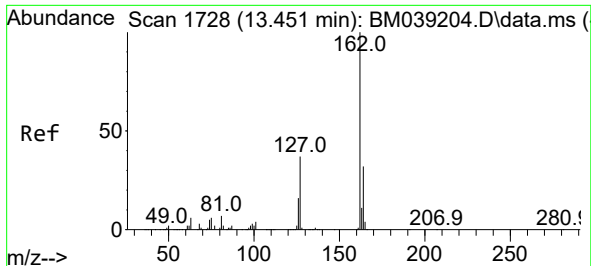
Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

76 14.4 0.0 33.5

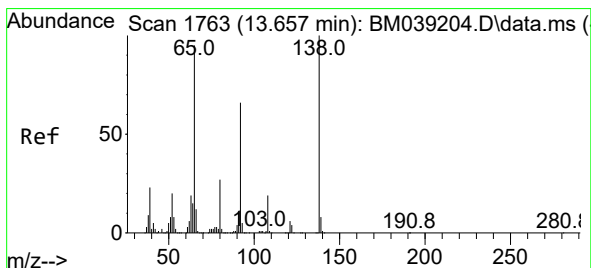
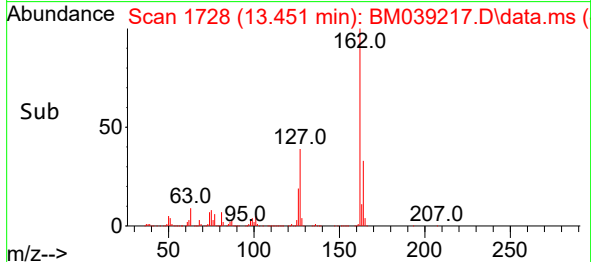
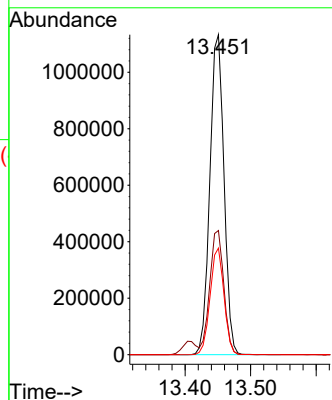
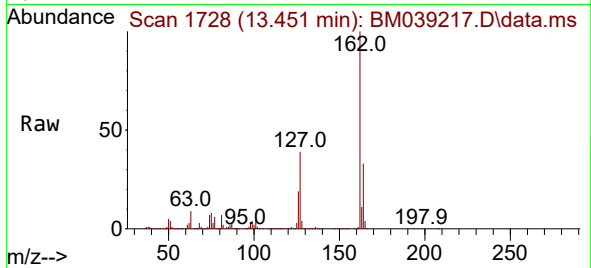




#47
2-Chloronaphthalene
Concen: 54.857 ng
RT: 13.451 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

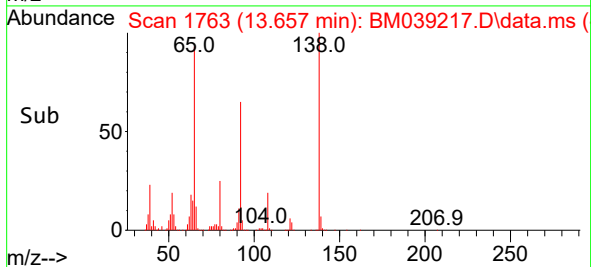
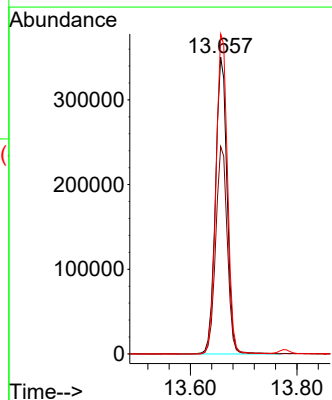
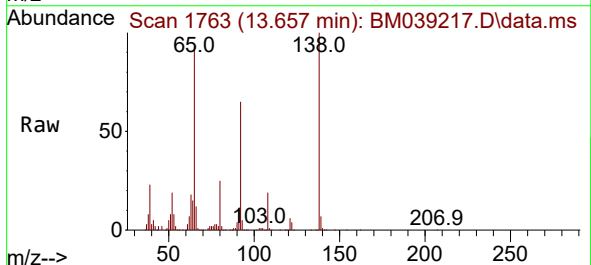
Instrument :
BNA_M
ClientSampleId :
SP6173

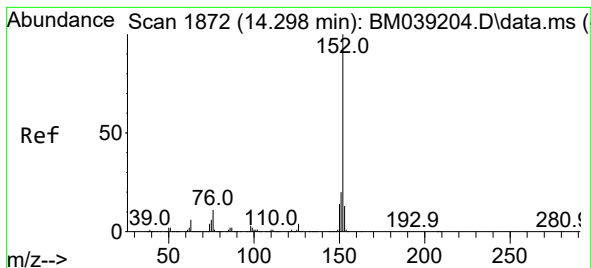
Tgt Ion:162 Resp: 1698387
Ion Ratio Lower Upper
162 100
127 38.8 31.4 47.0
164 33.3 25.7 38.5



#48
2-Nitroaniline
Concen: 50.989 ng
RT: 13.657 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion: 65 Resp: 531238
Ion Ratio Lower Upper
65 100
92 69.9 55.7 83.5
138 107.8 84.5 126.7





#49

Acenaphthylene

Concen: 52.055 ng

RT: 14.298 min Scan# 1872

Delta R.T. -0.000 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

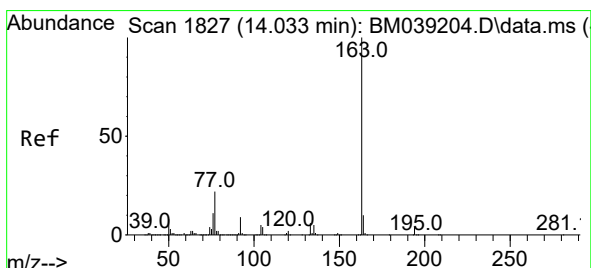
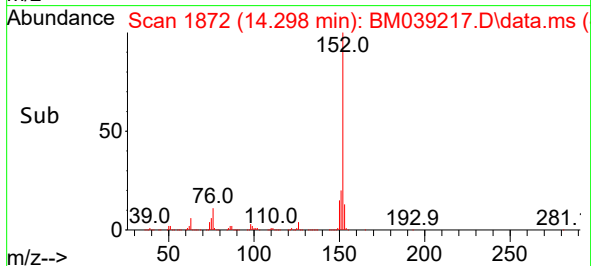
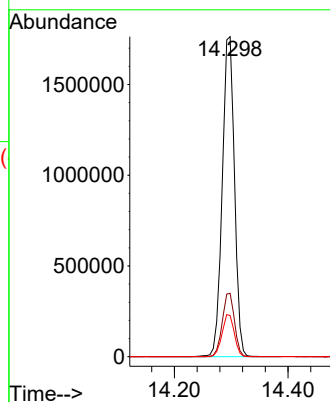
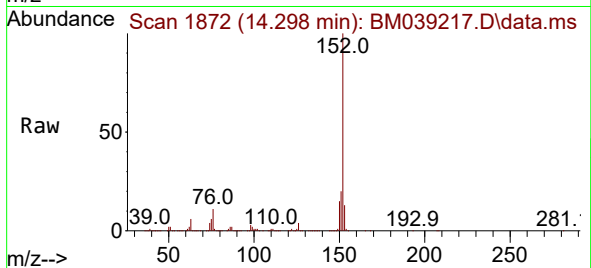
Tgt Ion:152 Resp: 2648790

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 12.8 10.3 15.5



#50

Dimethylphthalate

Concen: 50.562 ng

RT: 14.033 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

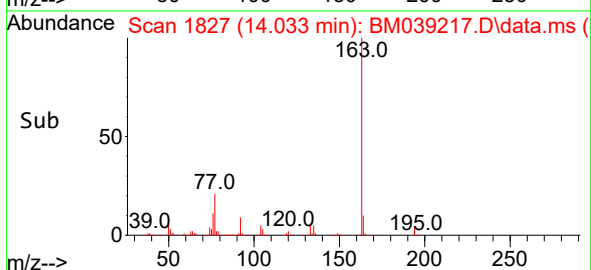
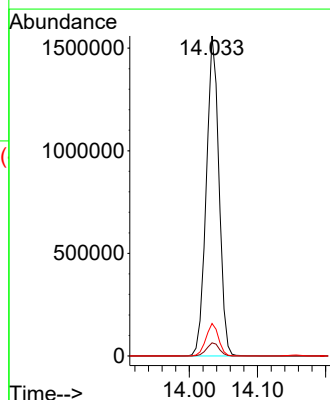
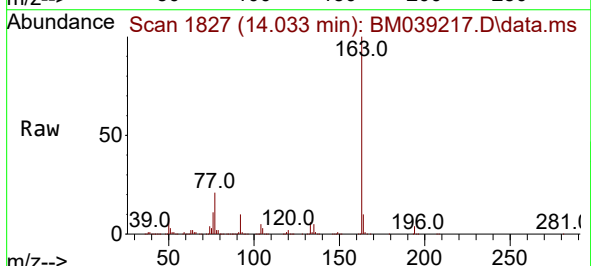
Tgt Ion:163 Resp: 2017685

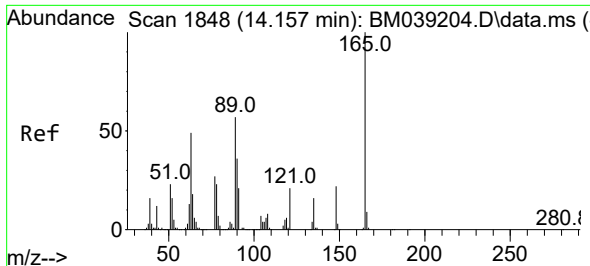
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.2 12.2

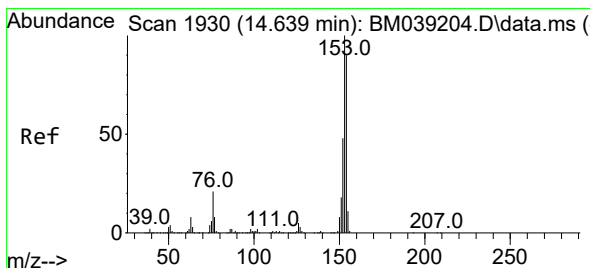
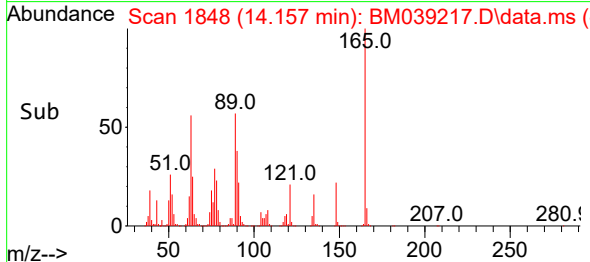
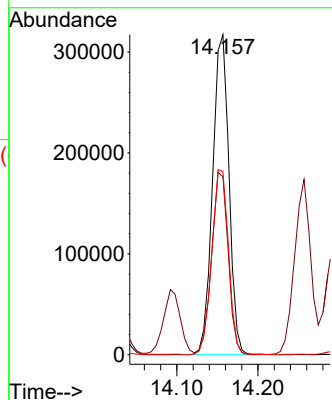
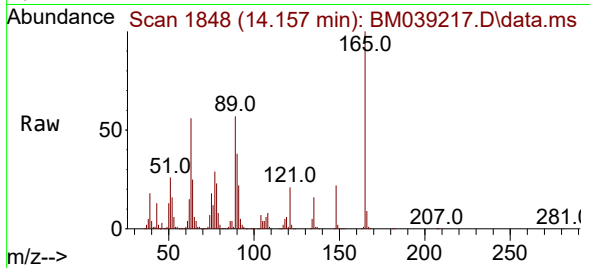




#51
2,6-Dinitrotoluene
Concen: 51.665 ng
RT: 14.157 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

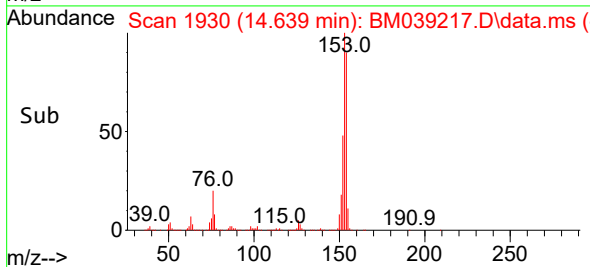
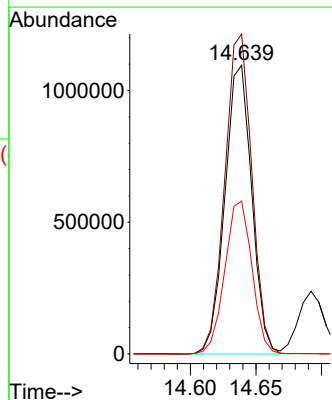
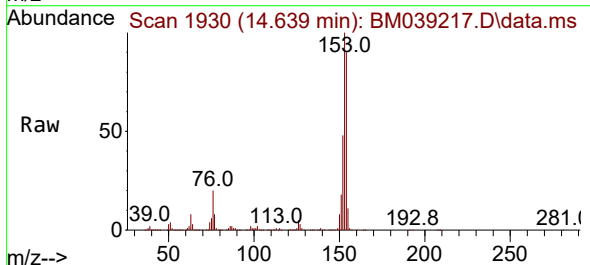
Instrument :
BNA_M
ClientSampleId :
SP6173

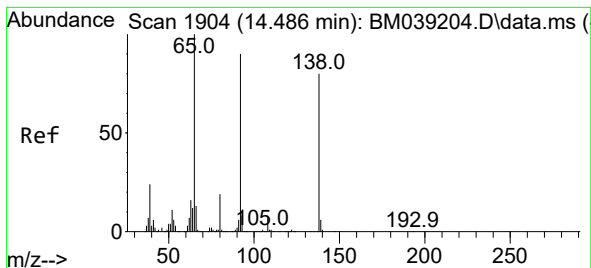
Tgt Ion:165 Resp: 443367
Ion Ratio Lower Upper
165 100
63 55.6 44.9 67.3
89 57.3 45.4 68.0



#52
Acenaphthene
Concen: 51.937 ng
RT: 14.639 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:154 Resp: 1560540
Ion Ratio Lower Upper
154 100
153 110.8 89.1 133.7
152 52.9 42.6 64.0

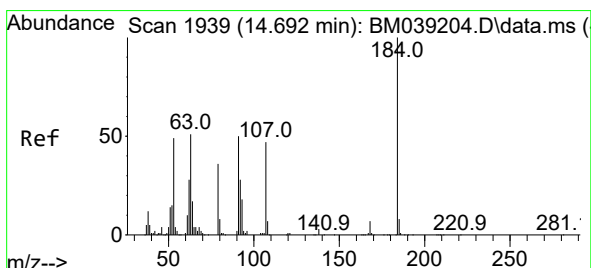
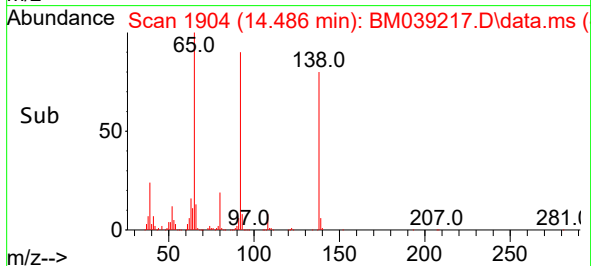
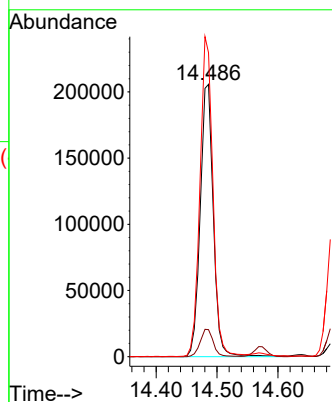
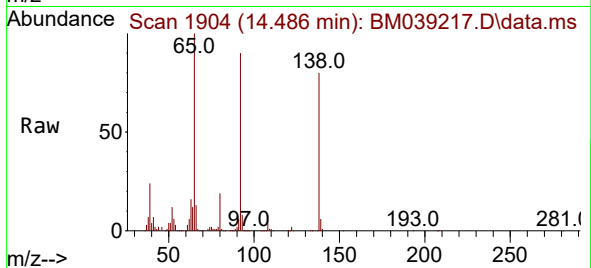




#53
3-Nitroaniline
Concen: 31.045 ng
RT: 14.486 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

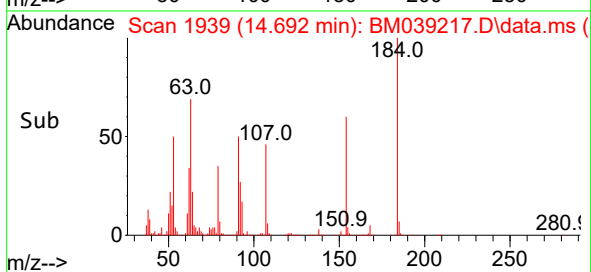
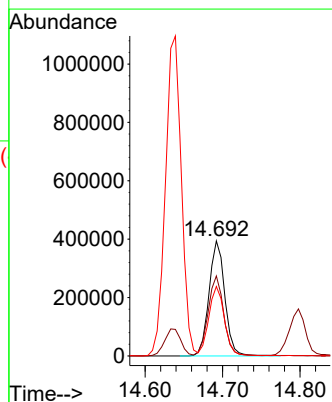
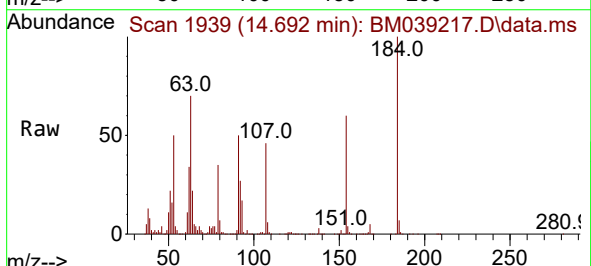
Instrument :
BNA_M
ClientSampleId :
SP6173

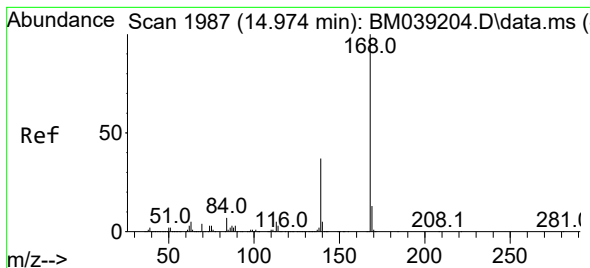
Tgt Ion:138 Resp: 307989
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 111.6 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 110.224 ng
RT: 14.692 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:184 Resp: 560168
Ion Ratio Lower Upper
184 100
63 69.5 56.4 84.6
154 60.3 48.7 73.1

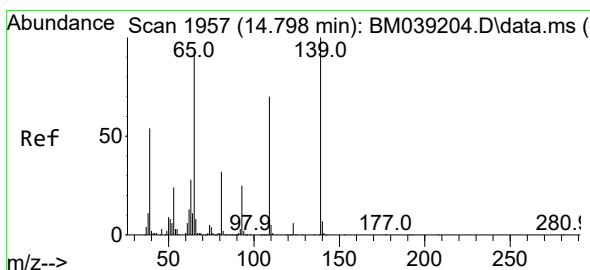
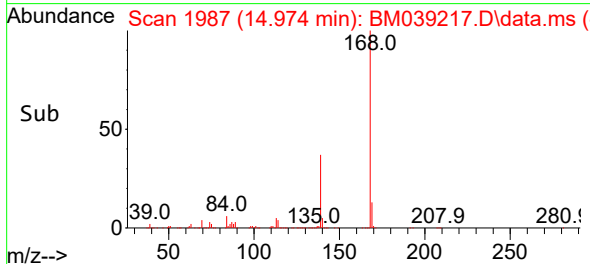
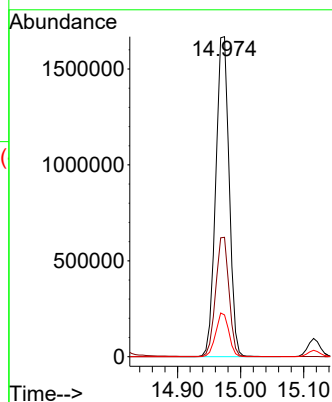
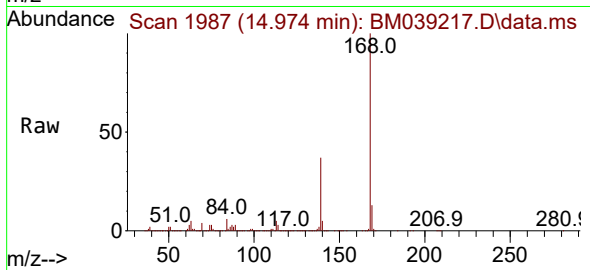




#55
Dibenzofuran
Concen: 50.717 ng
RT: 14.974 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

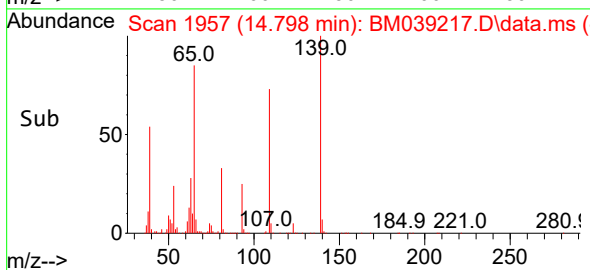
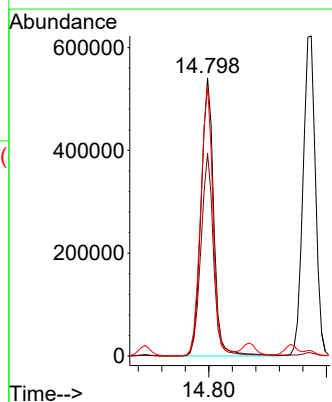
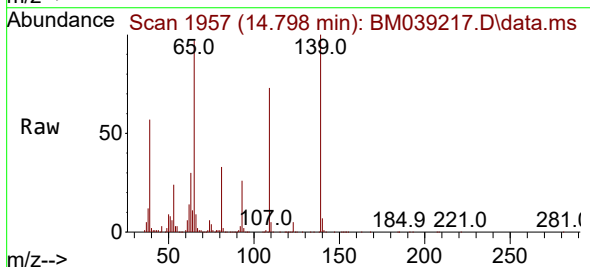
Instrument :
BNA_M
ClientSampleId :
SP6173

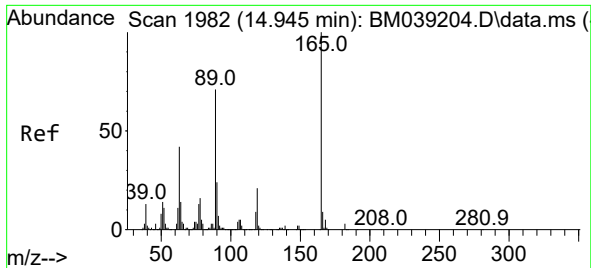
Tgt Ion:168 Resp: 2453369
Ion Ratio Lower Upper
168 100
139 37.3 29.4 44.2
169 13.0 10.6 15.8



#56
4-Nitrophenol
Concen: 106.035 ng
RT: 14.798 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:139 Resp: 811170
Ion Ratio Lower Upper
139 100
109 72.9 49.6 89.6
65 97.2 72.9 112.9

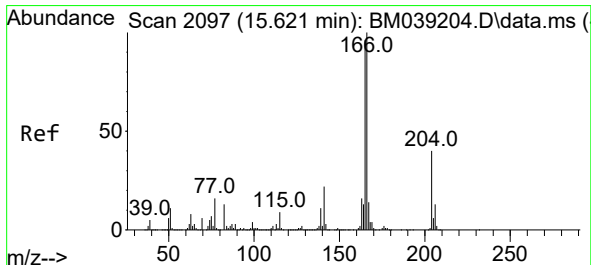
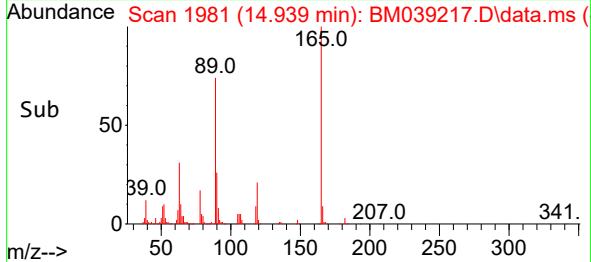
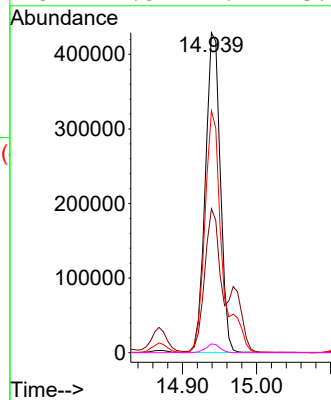
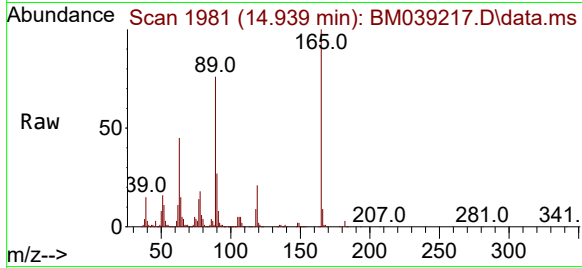




#57
2,4-Dinitrotoluene
Concen: 51.586 ng
RT: 14.939 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

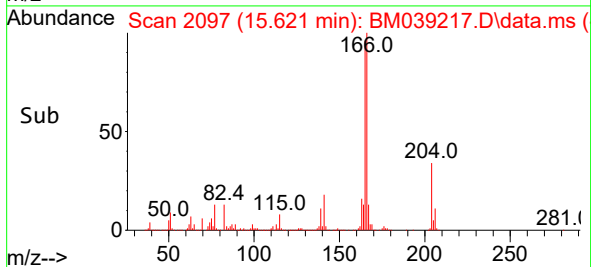
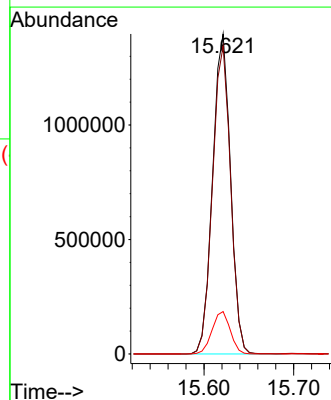
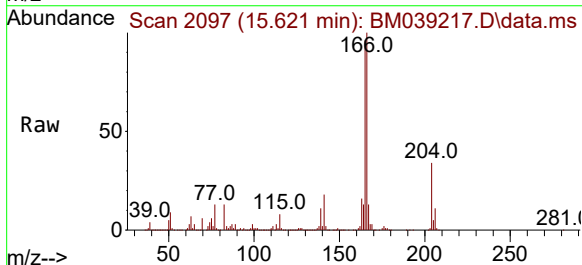
Instrument :
BNA_M
ClientSampleId :
SP6173

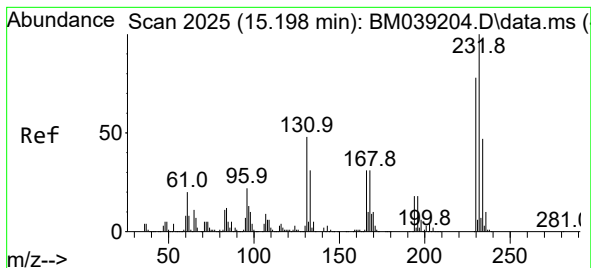
Tgt Ion:165 Resp: 598848
Ion Ratio Lower Upper
165 100
63 44.9 33.5 50.3
89 75.6 56.7 85.1
182 2.8 2.1 3.1



#58
Fluorene
Concen: 50.609 ng
RT: 15.621 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:166 Resp: 1938580
Ion Ratio Lower Upper
166 100
165 96.2 76.9 115.3
167 13.2 10.8 16.2

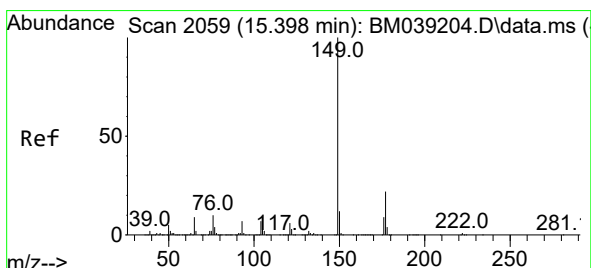
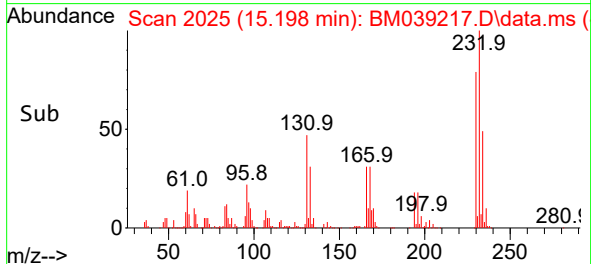
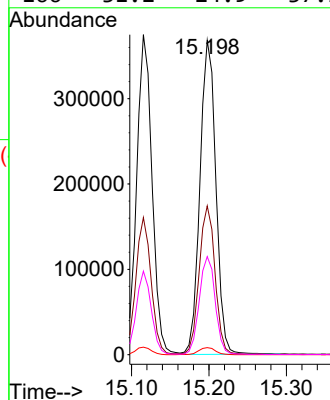
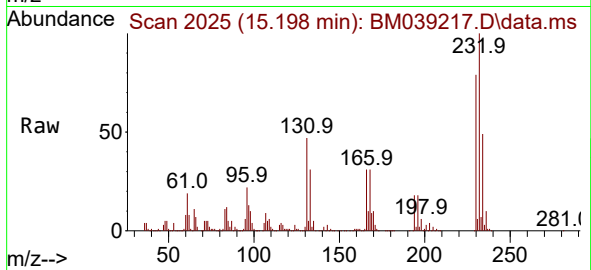




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.424 ng
RT: 15.198 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

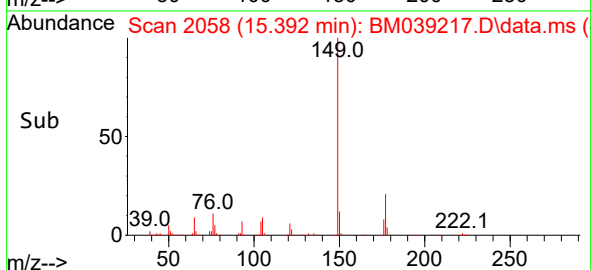
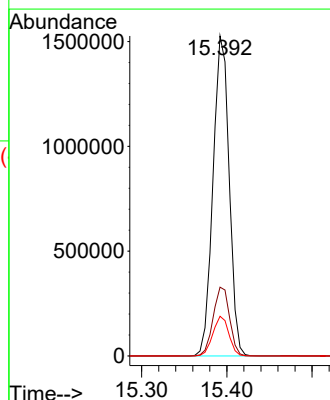
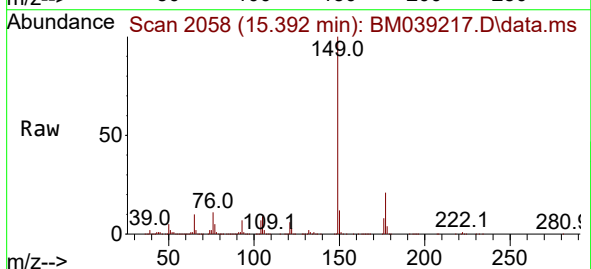
Instrument :
BNA_M
ClientSampleId :
SP6173

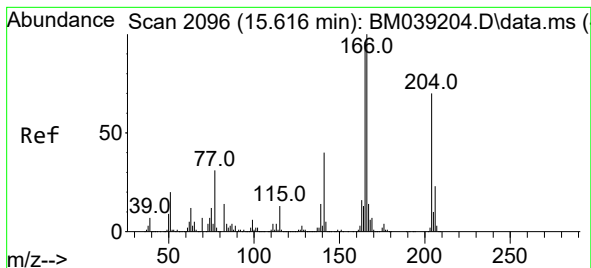
Tgt Ion:232 Resp: 525664
Ion Ratio Lower Upper
232 100
131 46.9 37.7 56.5
130 2.4 1.9 2.9
166 31.2 24.9 37.3



#60
Diethylphthalate
Concen: 50.021 ng
RT: 15.392 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:149 Resp: 2009141
Ion Ratio Lower Upper
149 100
177 21.5 17.7 26.5
150 12.4 9.8 14.6

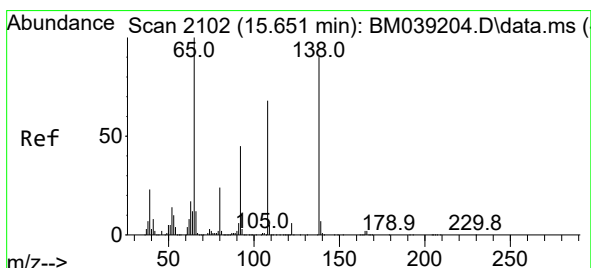
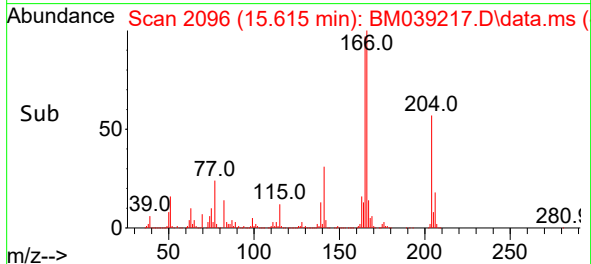
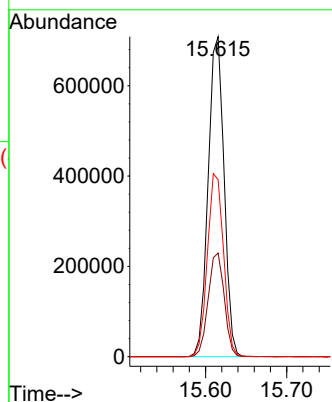
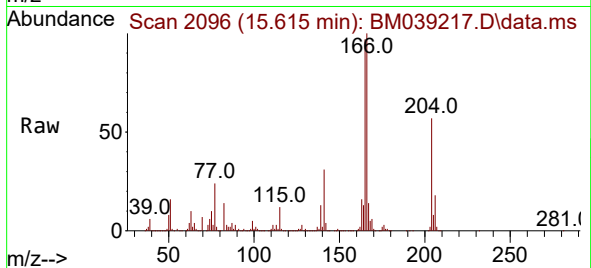




#61
4-Chlorophenyl-phenylether
Concen: 50.796 ng
RT: 15.615 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

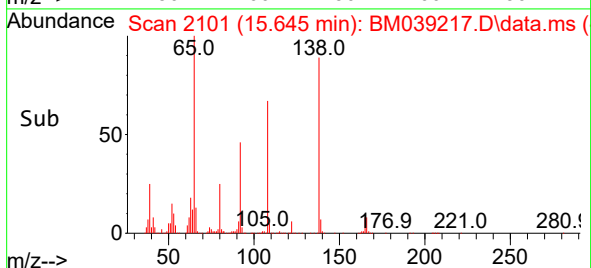
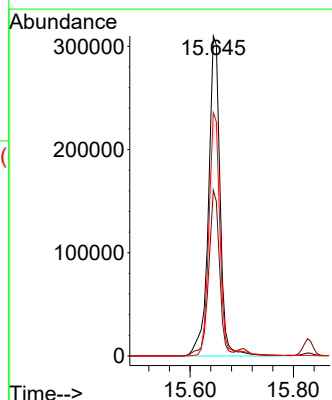
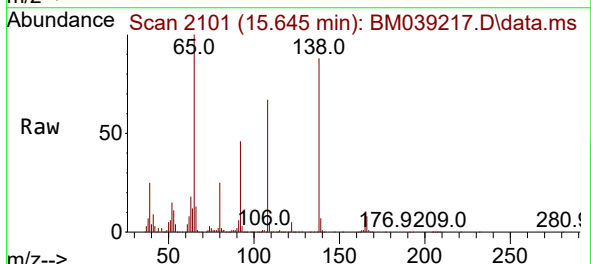
Instrument :
BNA_M
ClientSampleId :
SP6173

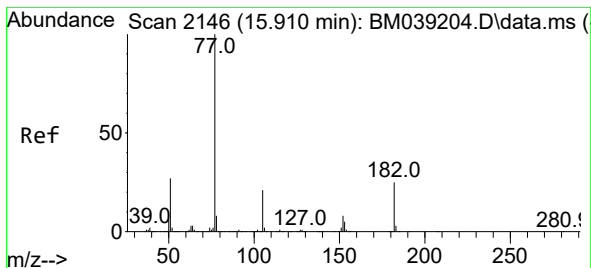
Tgt Ion:204 Resp: 964307
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 55.3 45.8 68.6



#62
4-Nitroaniline
Concen: 47.360 ng
RT: 15.645 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:138 Resp: 482149
Ion Ratio Lower Upper
138 100
92 51.8 30.5 70.5
108 76.0 55.5 95.5





#63

Azobenzene

Concen: 51.457 ng

RT: 15.904 min Scan# 2145

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

Tgt Ion: 77 Resp: 2070723

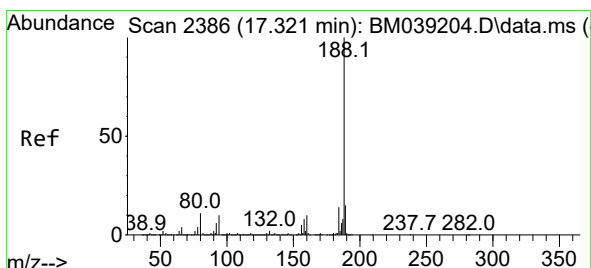
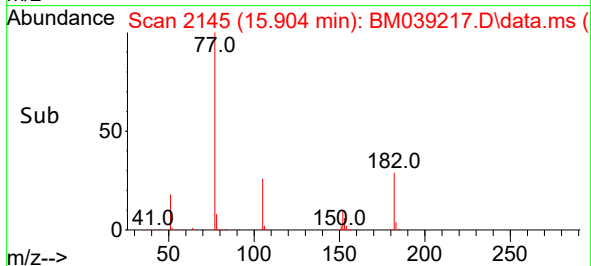
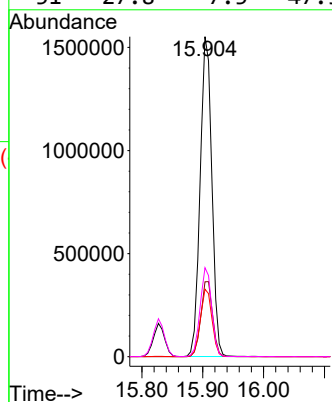
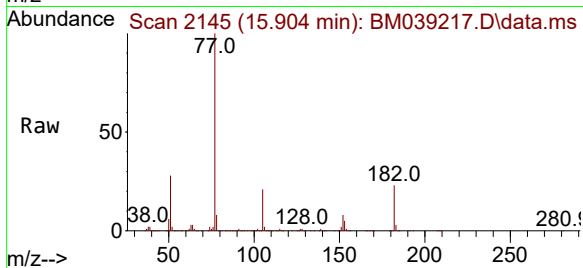
Ion Ratio Lower Upper

77 100

182 23.4 4.8 44.8

105 21.1 1.4 41.4

51 27.8 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

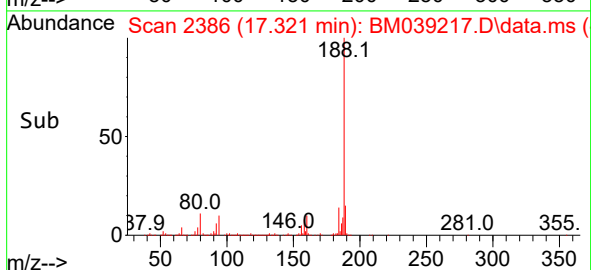
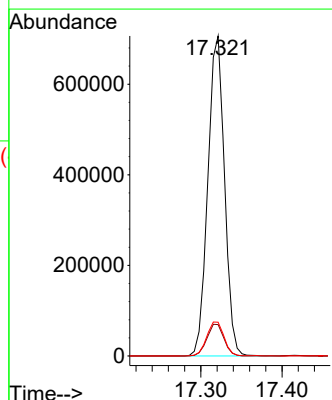
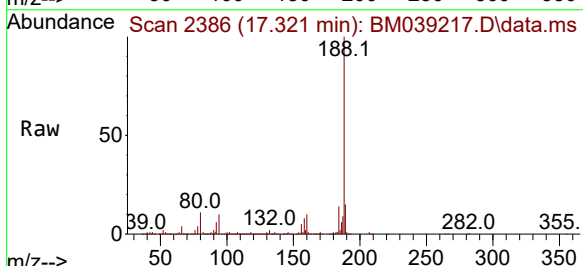
Tgt Ion:188 Resp: 1005832

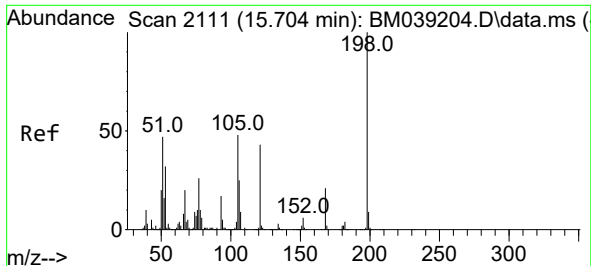
Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

80 10.6 8.9 13.3

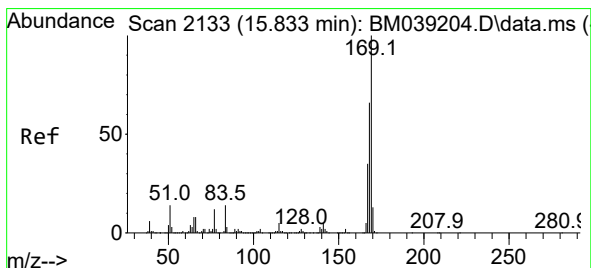
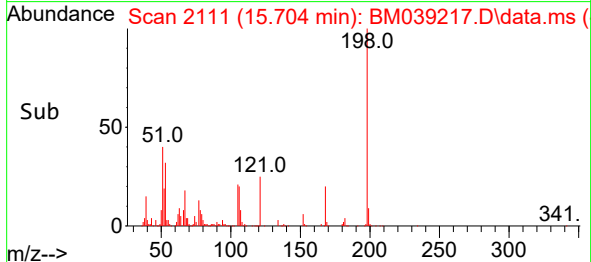
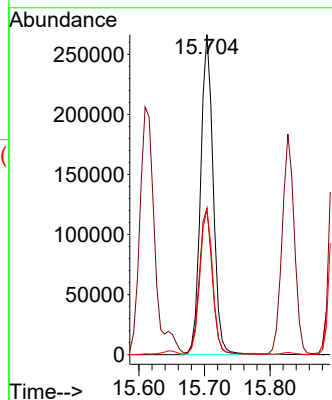
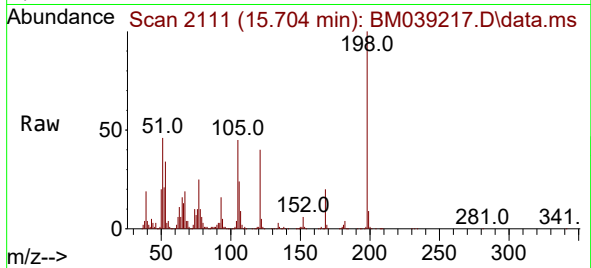




#65
4,6-Dinitro-2-methylphenol
Concen: 53.866 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

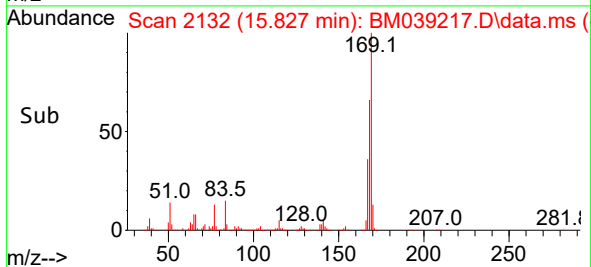
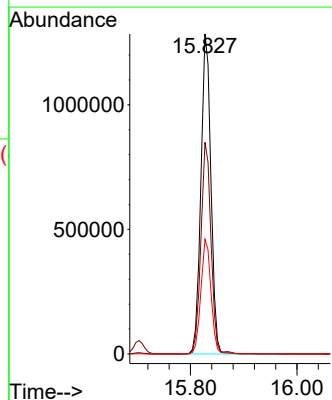
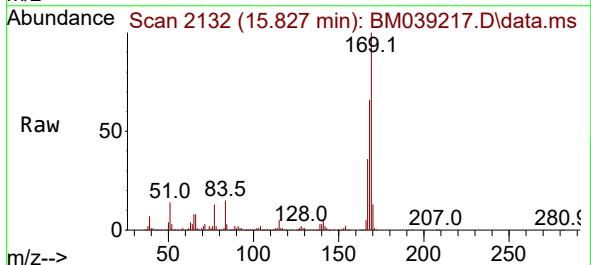
Instrument :
BNA_M
ClientSampleId :
SP6173

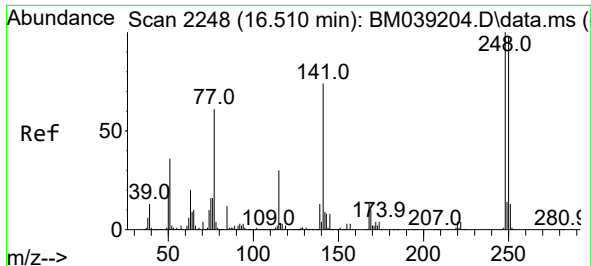
Tgt Ion:198 Resp: 356436
Ion Ratio Lower Upper
198 100
51 45.9 28.9 68.9
105 45.3 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 52.788 ng
RT: 15.827 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:169 Resp: 1673139
Ion Ratio Lower Upper
169 100
168 66.1 52.8 79.2
167 35.9 28.4 42.6

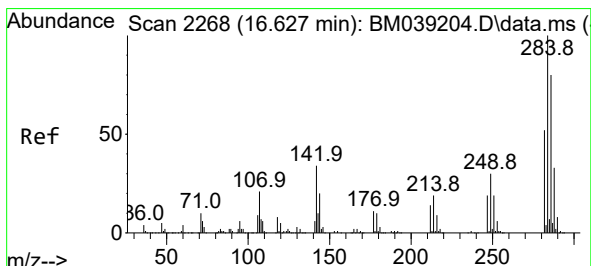
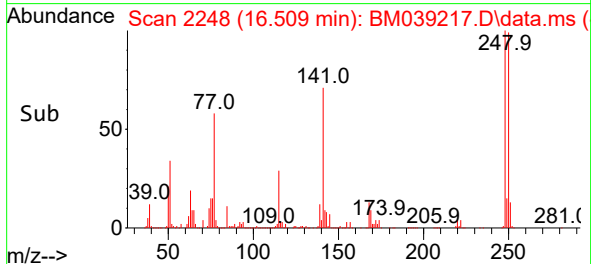
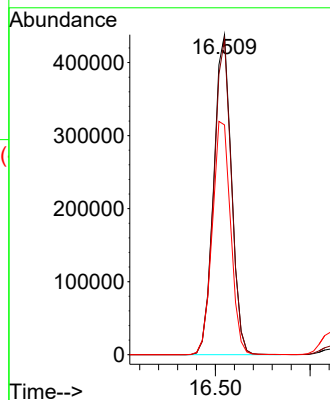
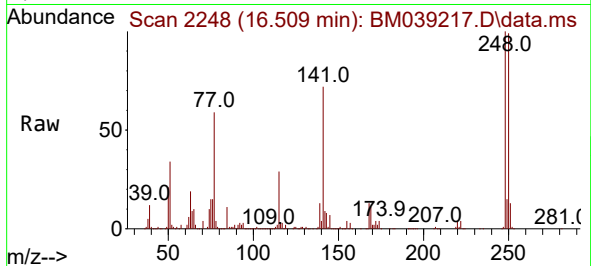




#67
4-Bromophenyl-phenylether
Concen: 53.036 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

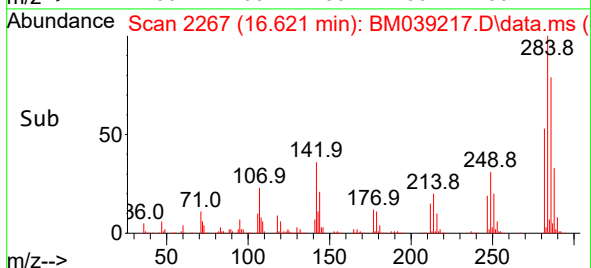
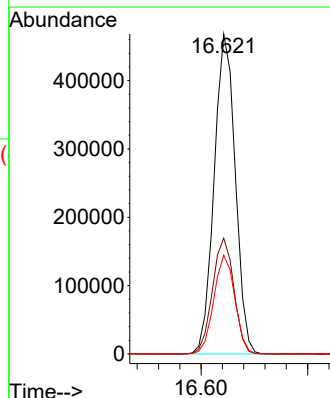
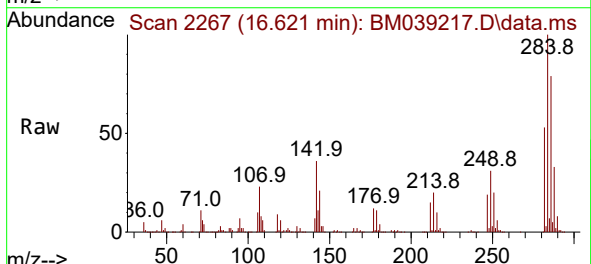
Instrument :
BNA_M
ClientSampleId :
SP6173

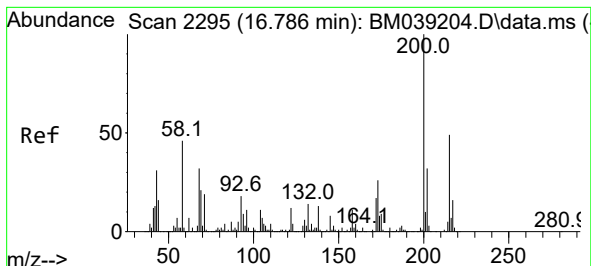
Tgt Ion:248 Resp: 569700
Ion Ratio Lower Upper
248 100
250 98.5 78.8 118.2
141 71.8 58.8 88.2



#68
Hexachlorobenzene
Concen: 55.265 ng
RT: 16.621 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:284 Resp: 643678
Ion Ratio Lower Upper
284 100
142 36.2 27.4 41.2
249 30.9 24.4 36.6





#69

Atrazine

Concen: 57.708 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

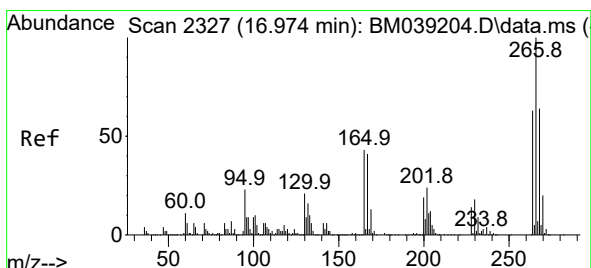
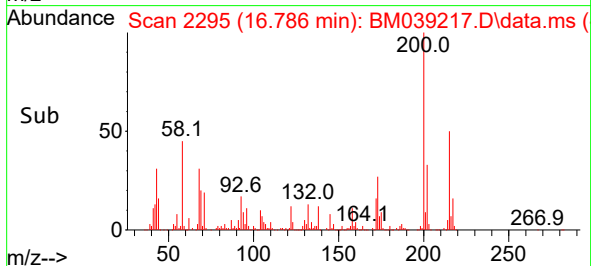
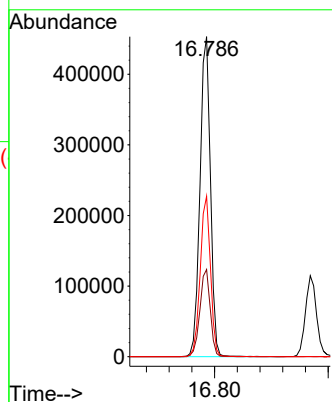
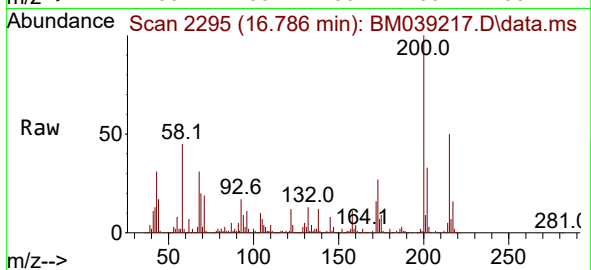
Tgt Ion:200 Resp: 579314

Ion Ratio Lower Upper

200 100

173 27.2 6.4 46.4

215 50.1 28.9 68.9



#70

Pentachlorophenol

Concen: 99.684 ng

RT: 16.968 min Scan# 2326

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

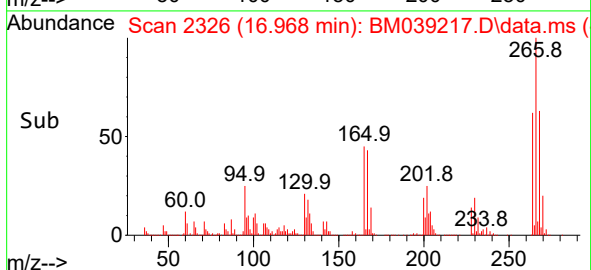
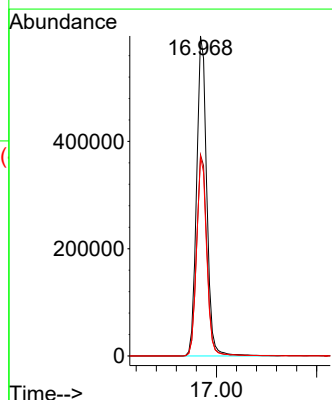
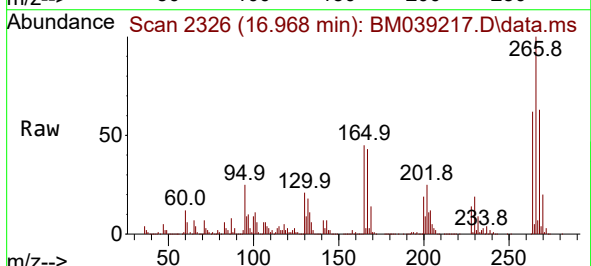
Tgt Ion:266 Resp: 832985

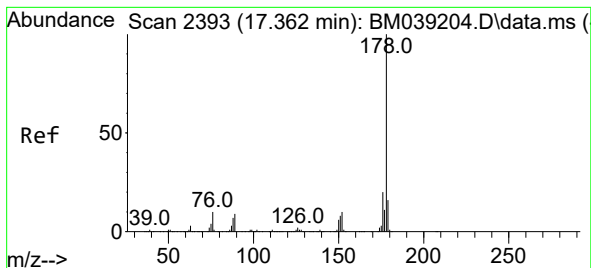
Ion Ratio Lower Upper

266 100

268 62.9 51.4 77.2

264 62.4 50.2 75.4





#71

Phenanthrene

Concen: 51.396 ng

RT: 17.362 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

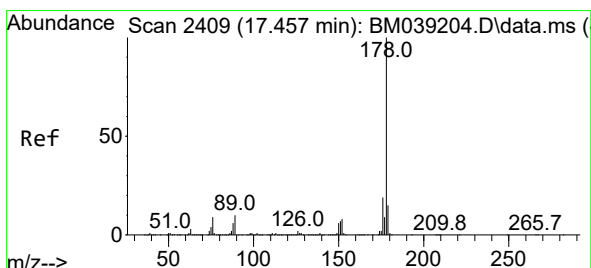
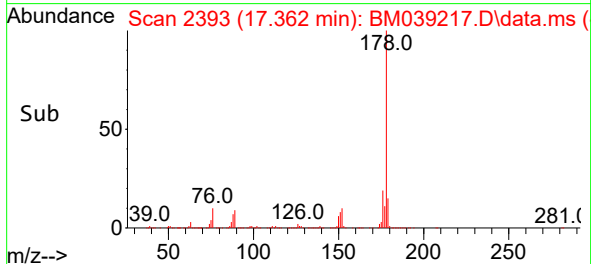
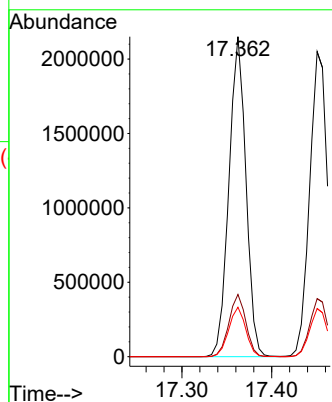
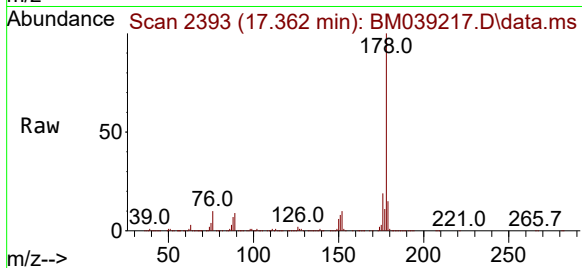
Tgt Ion:178 Resp: 2831292

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.5 12.4 18.6



#72

Anthracene

Concen: 51.576 ng

RT: 17.451 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

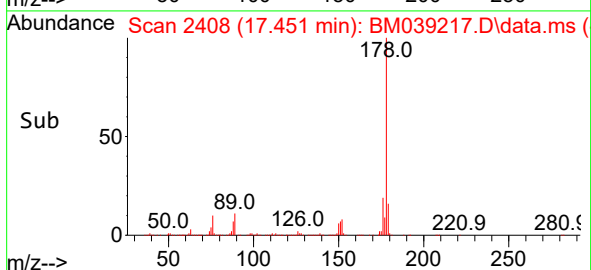
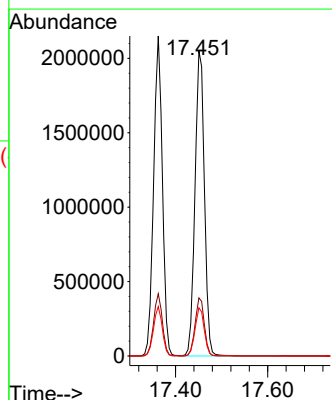
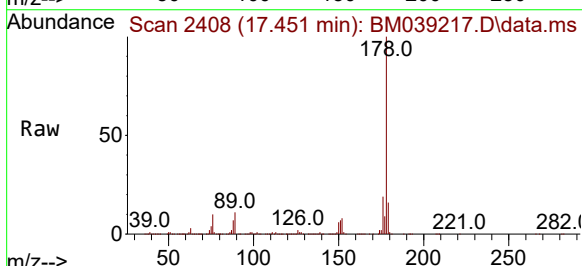
Tgt Ion:178 Resp: 2897085

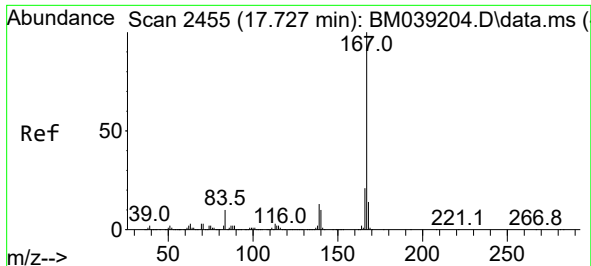
Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 15.8 12.2 18.2

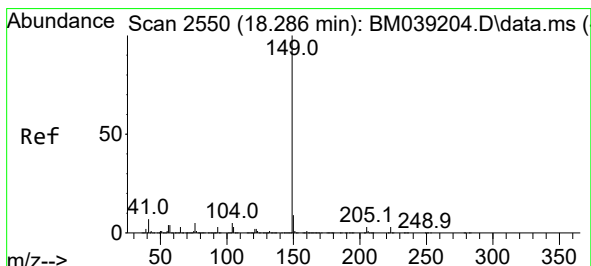
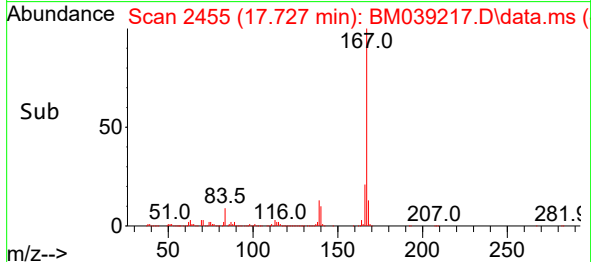
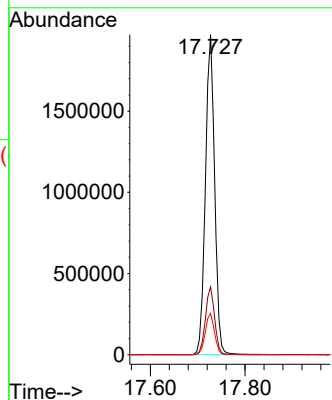
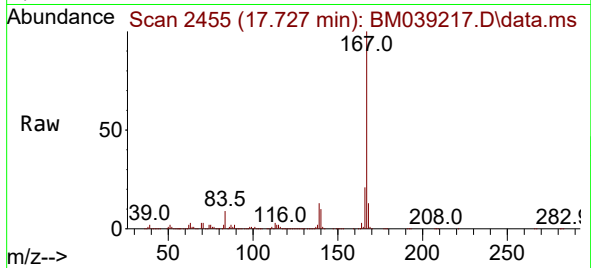




#73
 Carbazole
 Concen: 50.996 ng
 RT: 17.727 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

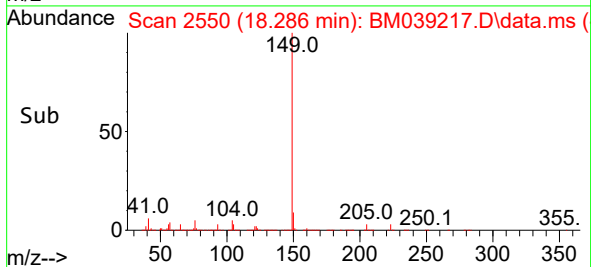
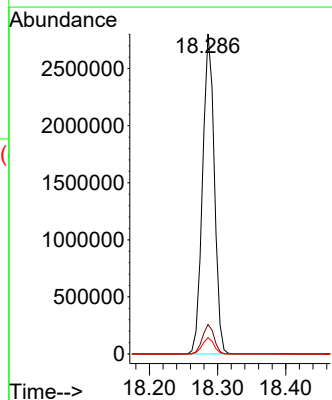
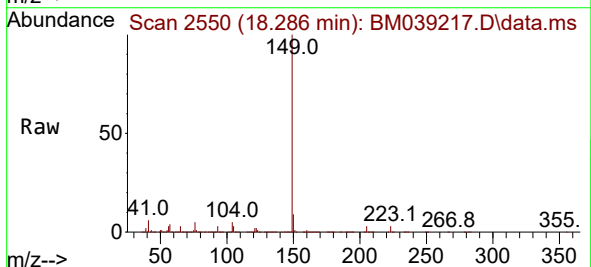
Instrument :
 BNA_M
 ClientSampleId :
 SP6173

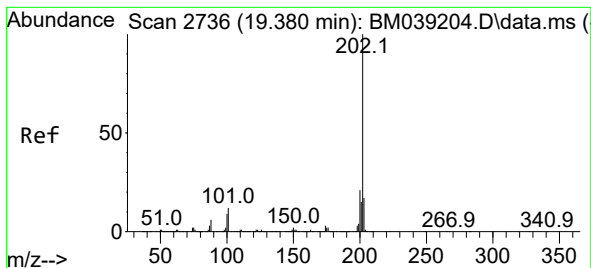
Tgt Ion:167 Resp: 2676690
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 51.920 ng
 RT: 18.286 min Scan# 2550
 Delta R.T. -0.000 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

Tgt Ion:149 Resp: 3371060
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 48.302 ng

RT: 19.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

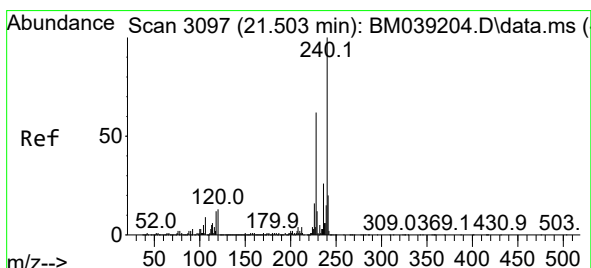
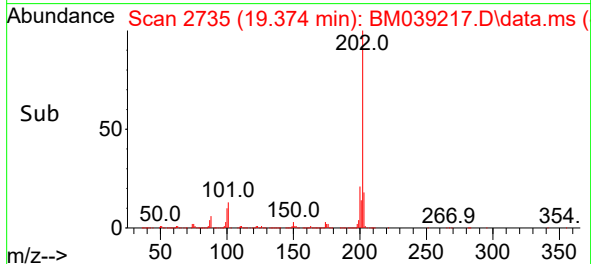
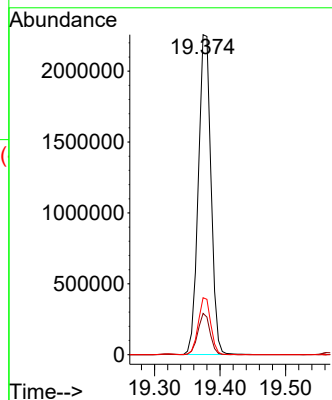
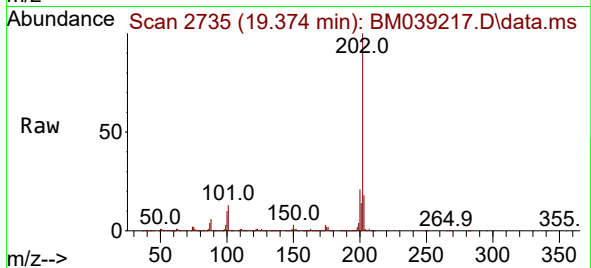
Tgt Ion:202 Resp: 3033143

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.5

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

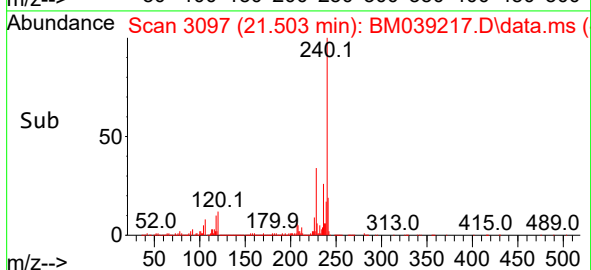
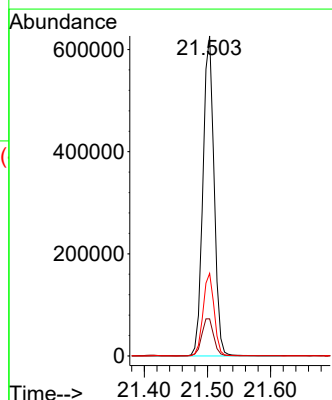
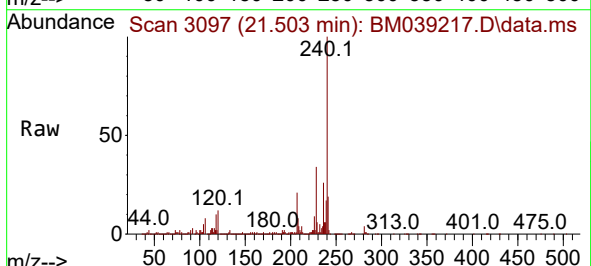
Tgt Ion:240 Resp: 767035

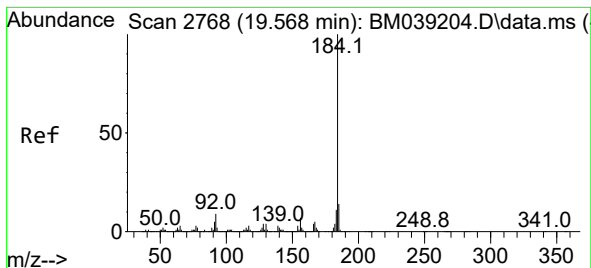
Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.2

236 25.8 20.9 31.3





#77

Benzidine

Concen: 121.136 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

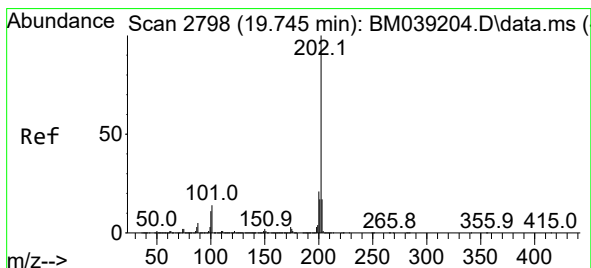
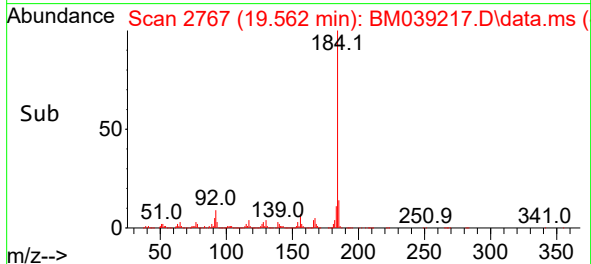
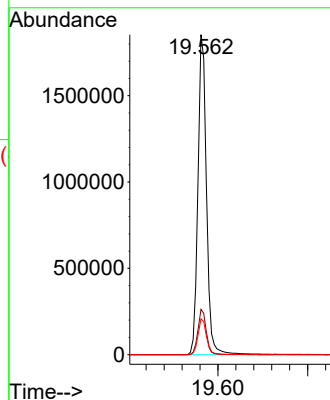
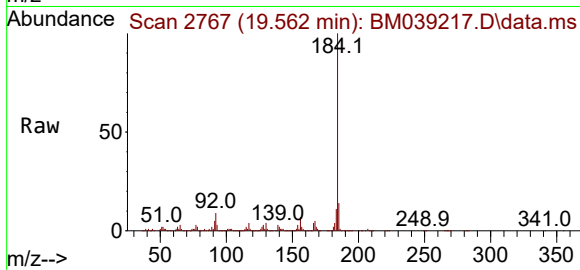
Tgt Ion:184 Resp: 2450771

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.2 9.0 13.4



#78

Pyrene

Concen: 57.473 ng

RT: 19.739 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

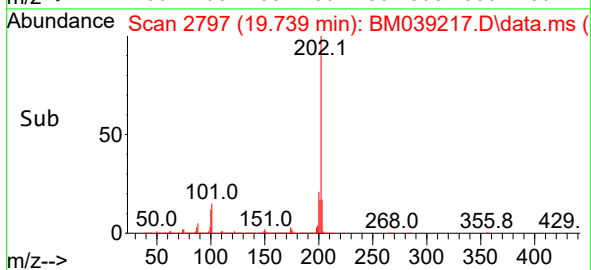
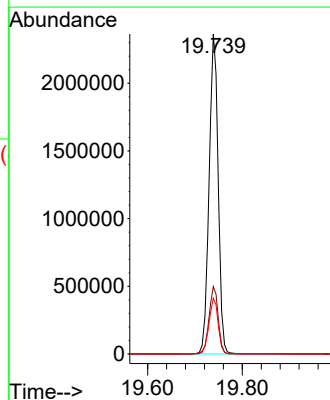
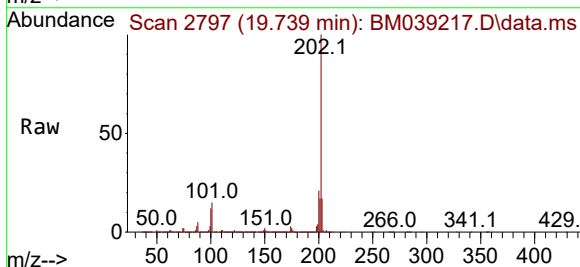
Tgt Ion:202 Resp: 3138286

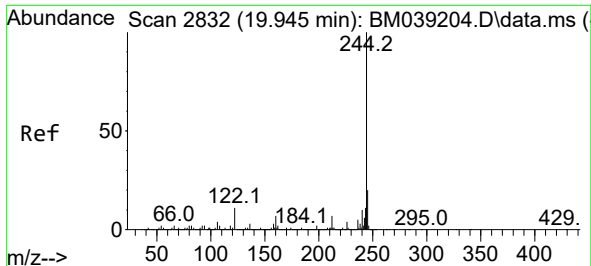
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.4 13.9 20.9

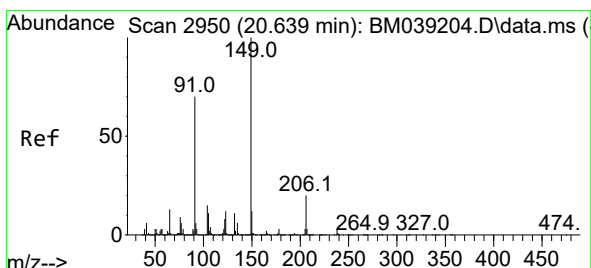
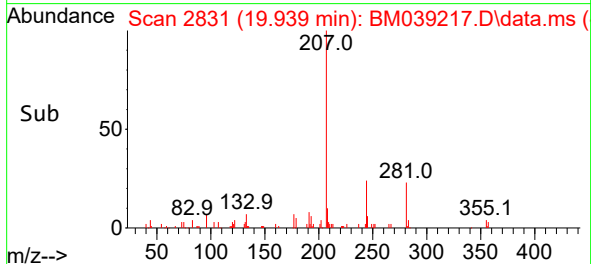
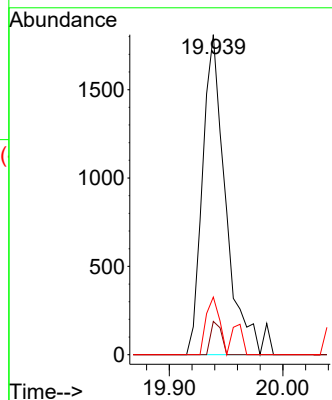
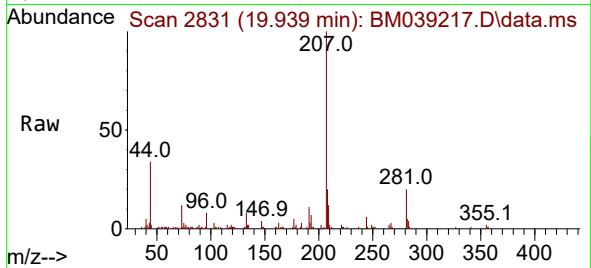




#79
 Terphenyl-d14
 Concen: 0.063 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

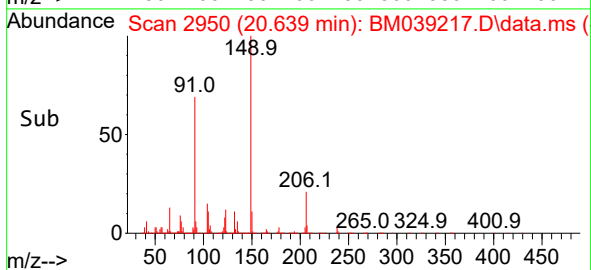
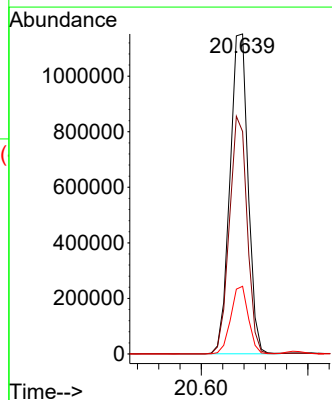
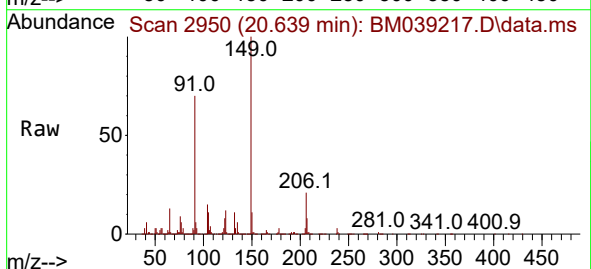
Instrument :
 BNA_M
 ClientSampleId :
 SP6173

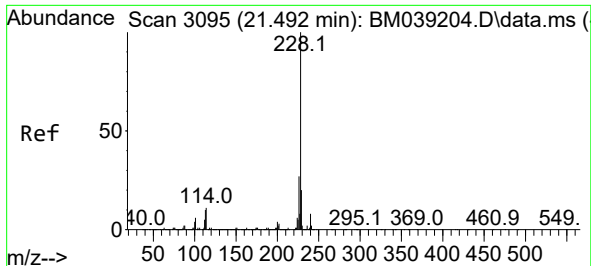
Tgt Ion:244 Resp: 2597
 Ion Ratio Lower Upper
 244 100
 212 10.4 5.6 8.4#
 122 18.0 9.1 13.7#



#80
 Butylbenzylphthalate
 Concen: 54.323 ng
 RT: 20.639 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: BM039217.D
 Acq: 29 Mar 2023 22:45

Tgt Ion:149 Resp: 1358949
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.3 84.5
 206 21.1 16.4 24.6

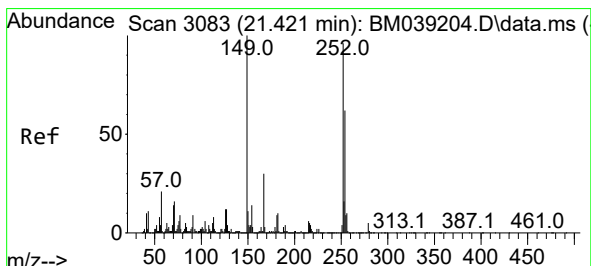
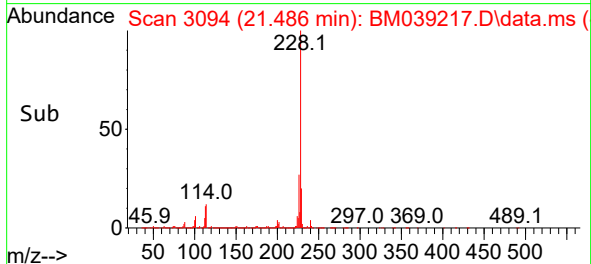
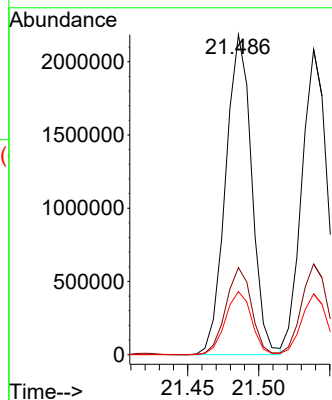
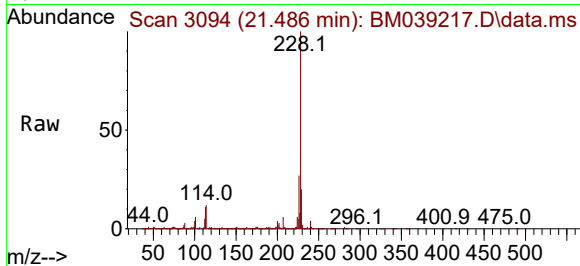




#81
Benzo(a)anthracene
Concen: 51.509 ng
RT: 21.486 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

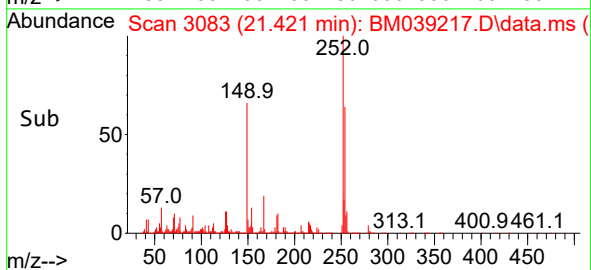
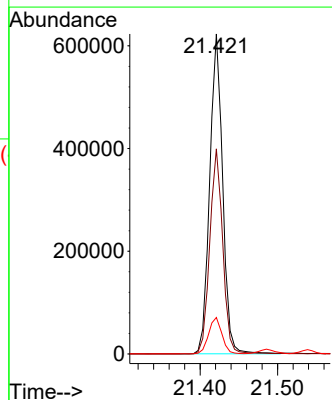
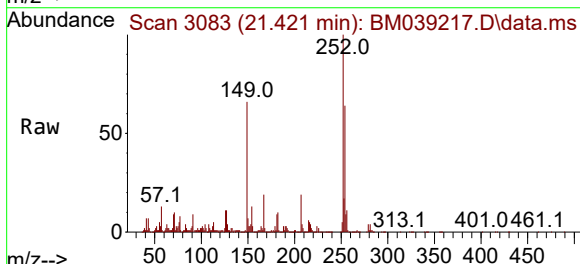
Instrument :
BNA_M
ClientSampleId :
SP6173

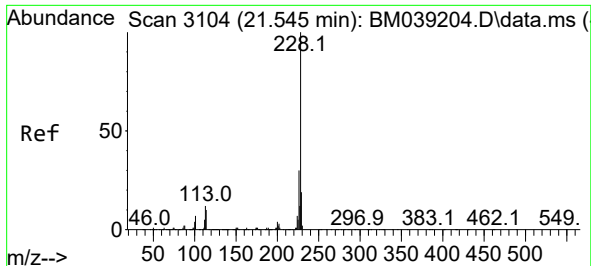
Tgt Ion:228 Resp: 2786415
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 40.031 ng
RT: 21.421 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM039217.D
Acq: 29 Mar 2023 22:45

Tgt Ion:252 Resp: 721395
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.8
126 11.4 10.1 15.1





#83

Chrysene

Concen: 49.700 ng

RT: 21.539 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

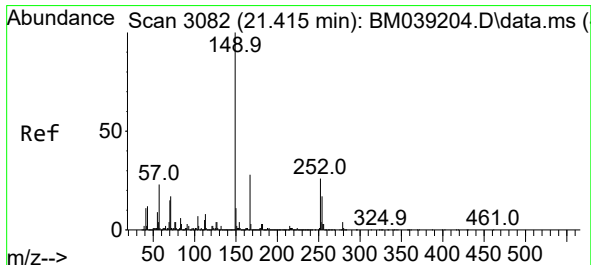
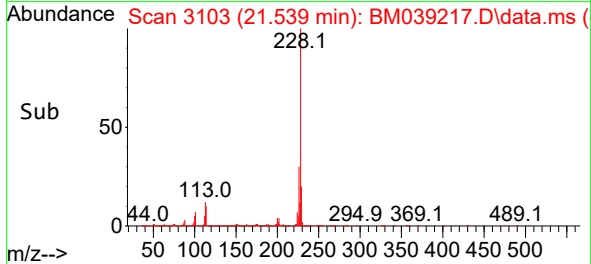
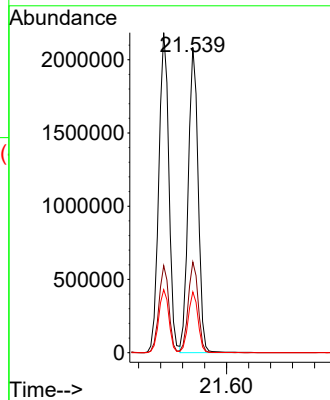
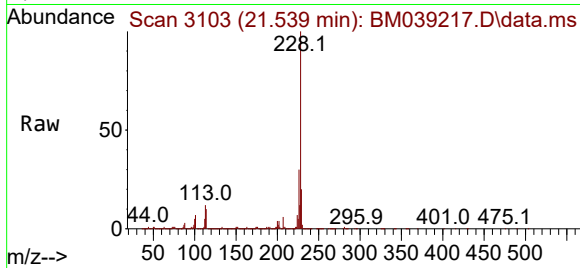
Tgt Ion:228 Resp: 2595486

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.864 ng

RT: 21.409 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

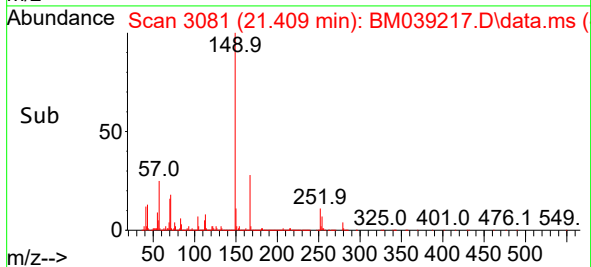
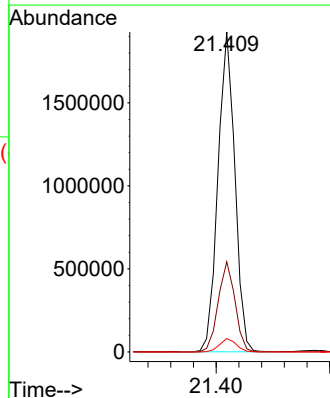
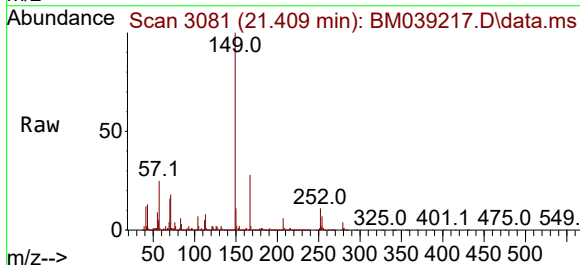
Tgt Ion:149 Resp: 1990088

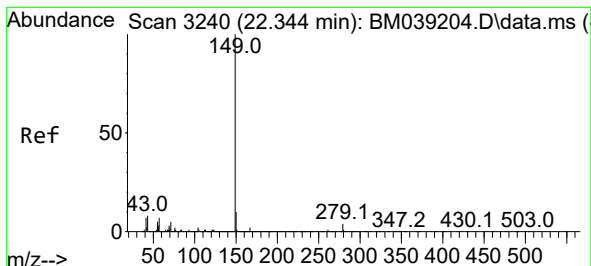
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 50.177 ng

RT: 22.339 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

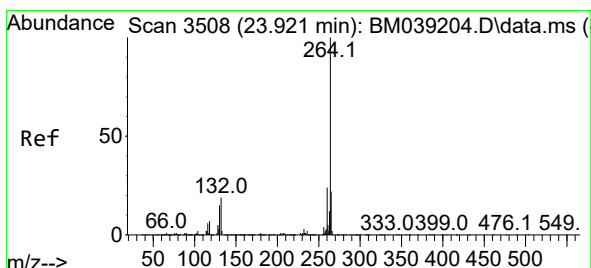
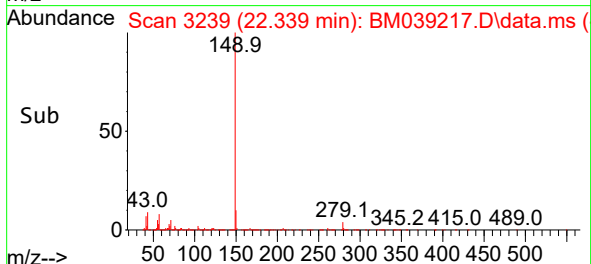
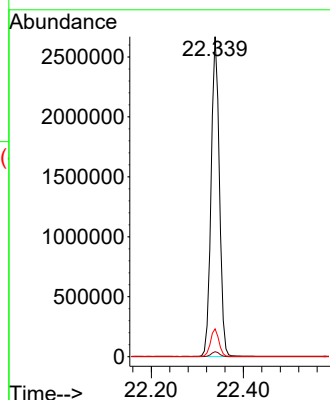
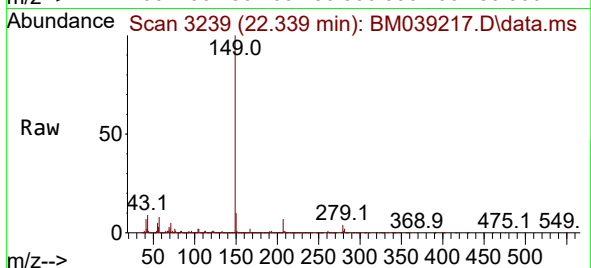
Tgt Ion:149 Resp: 3340020

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.915 min Scan# 3507

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

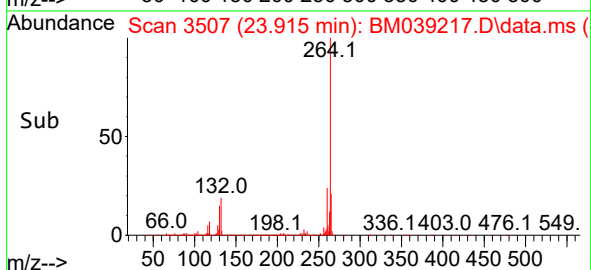
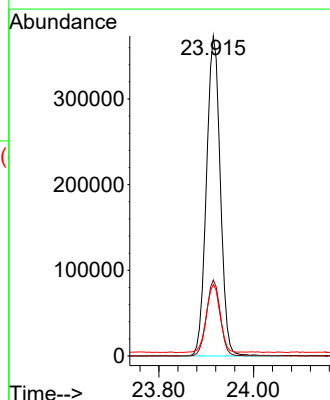
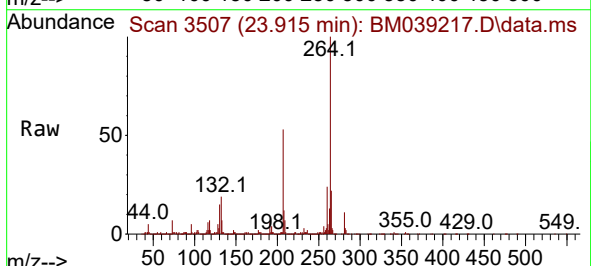
Tgt Ion:264 Resp: 759743

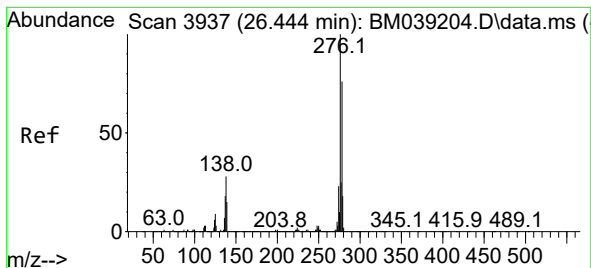
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.139 ng

RT: 26.432 min Scan# 3935

Delta R.T. -0.012 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

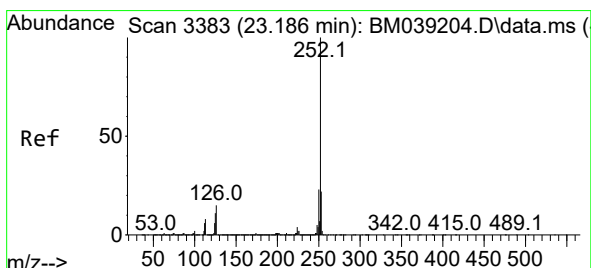
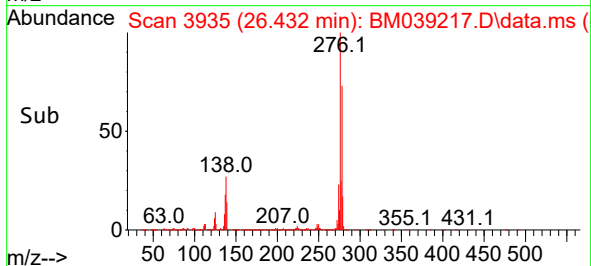
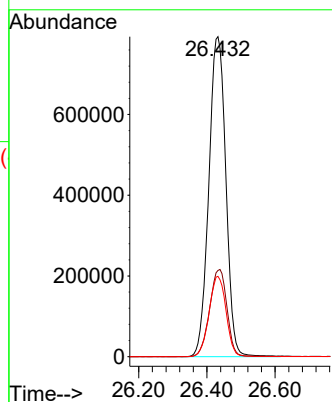
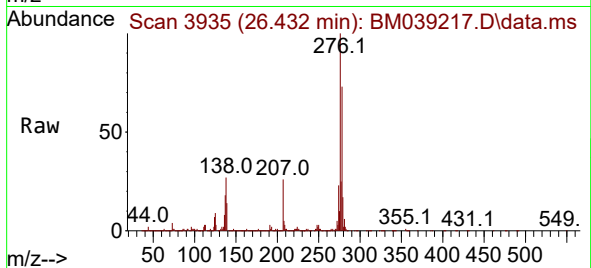
Tgt Ion:276 Resp: 2750666

Ion Ratio Lower Upper

276 100

138 27.8 22.2 33.2

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 55.607 ng

RT: 23.180 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

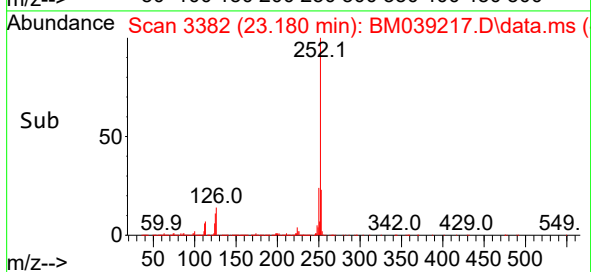
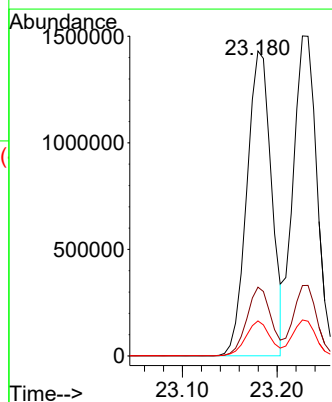
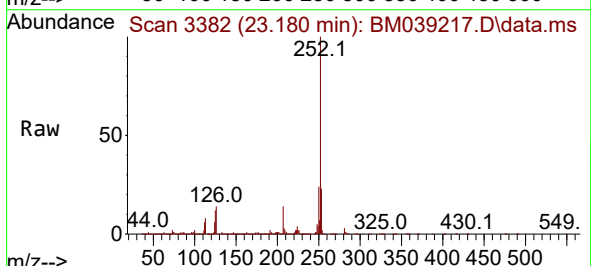
Tgt Ion:252 Resp: 2584986

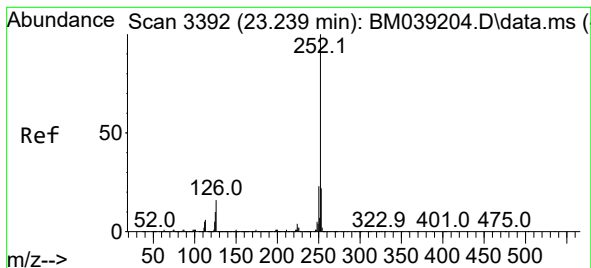
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 11.5 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 55.339 ng

RT: 23.227 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

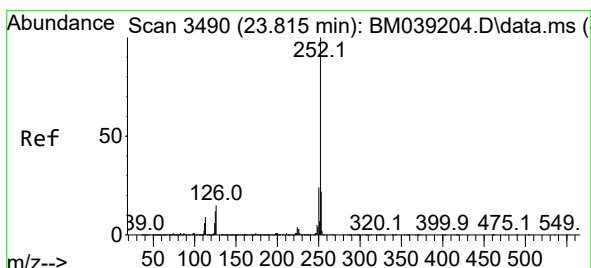
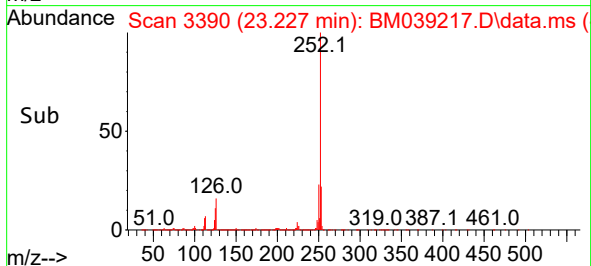
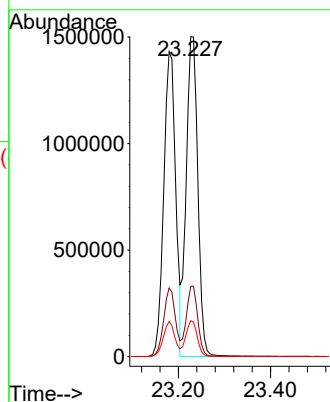
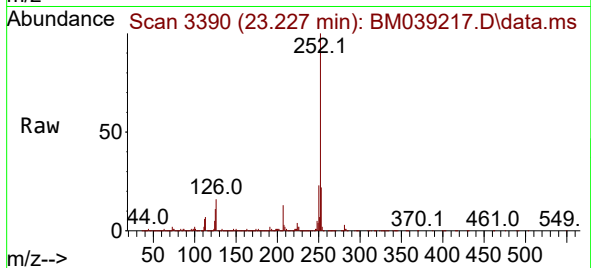
Tgt Ion:252 Resp: 2620402

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.2 8.5 12.7



#90

Benzo(a)pyrene

Concen: 49.103 ng

RT: 23.809 min Scan# 3489

Delta R.T. -0.006 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

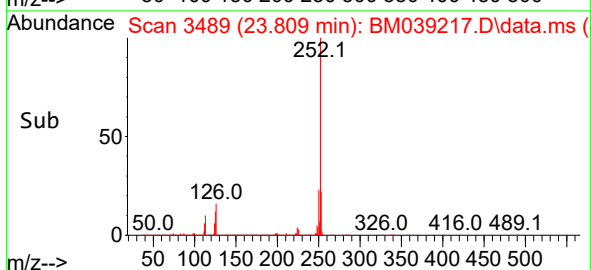
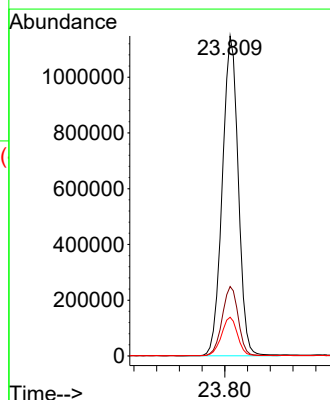
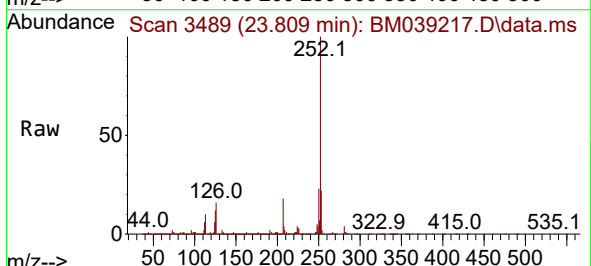
Tgt Ion:252 Resp: 2242415

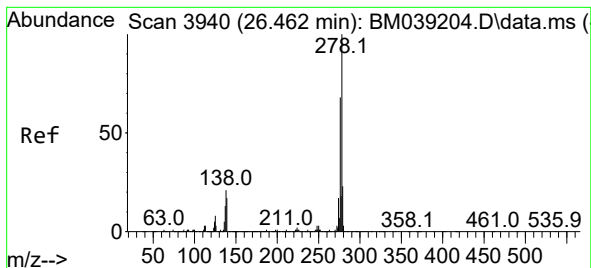
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 12.1 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 49.356 ng

RT: 26.450 min Scan# 3940

Delta R.T. -0.012 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

SP6173

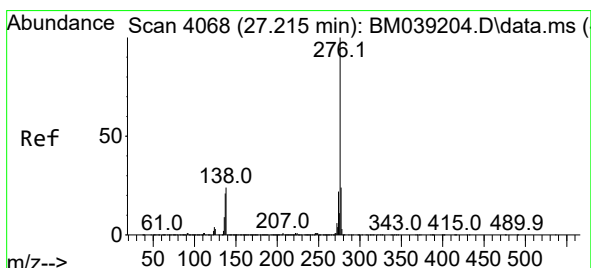
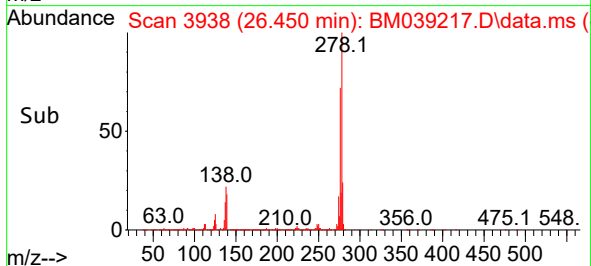
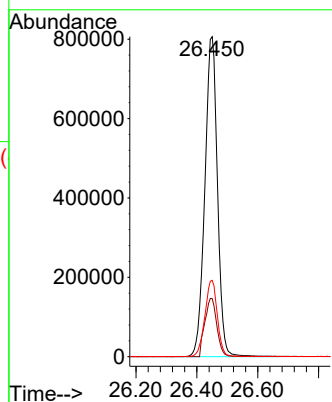
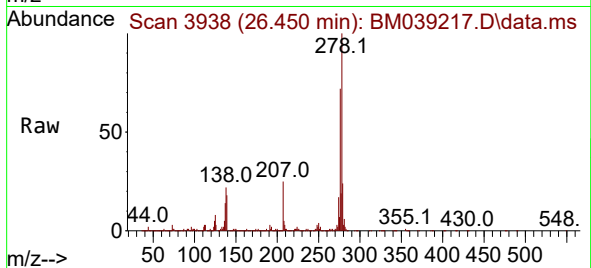
Tgt Ion:278 Resp: 2319922

Ion Ratio Lower Upper

278 100

139 18.2 13.9 20.9

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 47.842 ng

RT: 27.203 min Scan# 4066

Delta R.T. -0.012 min

Lab File: BM039217.D

Acq: 29 Mar 2023 22:45

Tgt Ion:276 Resp: 2211496

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 23.8 19.5 29.3

