

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039269.D
 Acq On : 01 Apr 2023 00:56
 Operator : CG/JU
 Sample : 02136-01MS 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-033023MS

Quant Time: Apr 01 05:23:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	290134	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1140727	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	646262	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1286681	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1097806	20.000	ng	0.00
86) Perylene-d12	23.921	264	1270536	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	757248	39.322	ng	0.00
7) Phenol-d6	7.087	99	977040	39.226	ng	0.00
23) Nitrobenzene-d5	9.086	82	600523	25.586	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	318754	38.855	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1266429	26.551	ng	0.00
79) Terphenyl-d14	19.939	244	1728236	29.085	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	123154	15.646	ng	98
3) Pyridine	3.757	79	336741	15.271	ng	99
4) n-Nitrosodimethylamine	3.663	42	161305	18.626	ng	# 99
6) Aniline	7.245	93	437293	14.185	ng	99
8) 2-Chlorophenol	7.481	128	413503	20.979	ng	99
9) Benzaldehyde	7.057	77	254340	17.930	ng	100
10) Phenol	7.116	94	516938	20.710	ng	100
11) bis(2-Chloroethyl)ether	7.345	93	420002	20.915	ng	100
12) 1,3-Dichlorobenzene	7.804	146	438514	20.978	ng	99
13) 1,4-Dichlorobenzene	7.957	146	449119	21.249	ng	99
14) 1,2-Dichlorobenzene	8.275	146	429153	21.234	ng	98
15) Benzyl Alcohol	8.169	79	352394	20.570	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	529637	20.621	ng	99
17) 2-Methylphenol	8.369	107	335745	19.225	ng	99
18) Hexachloroethane	8.998	117	150877	18.454	ng	99
19) n-Nitroso-di-n-propyla...	8.734	70	306733	19.264	ng	99
20) 3+4-Methylphenols	8.698	107	453713	19.334	ng	97
22) Acetophenone	8.751	105	621809	20.387	ng	# 99
24) Nitrobenzene	9.133	77	448920	19.230	ng	99
25) Isophorone	9.657	82	834281	19.054	ng	99
26) 2-Nitrophenol	9.845	139	194438	18.017	ng	98
27) 2,4-Dimethylphenol	9.910	122	369566	20.611	ng	100
28) bis(2-Chloroethoxy)met...	10.145	93	524154	19.775	ng	99
29) 2,4-Dichlorophenol	10.380	162	357588	20.440	ng	98
30) 1,2,4-Trichlorobenzene	10.592	180	390775	20.879	ng	98
31) Naphthalene	10.780	128	1292347	21.025	ng	100
32) Benzoic acid	10.039	122	250187	17.902	ng	98
33) 4-Chloroaniline	10.898	127	333174	12.372	ng	100
34) Hexachlorobutadiene	11.063	225	231066	20.996	ng	99
35) Caprolactam	11.686	113	112164	18.465	ng	97
36) 4-Chloro-3-methylphenol	12.027	107	381052	19.742	ng	99
37) 2-Methylnaphthalene	12.392	142	875312	20.456	ng	100
38) 1-Methylnaphthalene	12.610	142	815668	20.358	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	420250	21.358	ng	99
41) Hexachlorocyclopentadiene	12.733	237	68768	6.397	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	277148	20.653	ng	98

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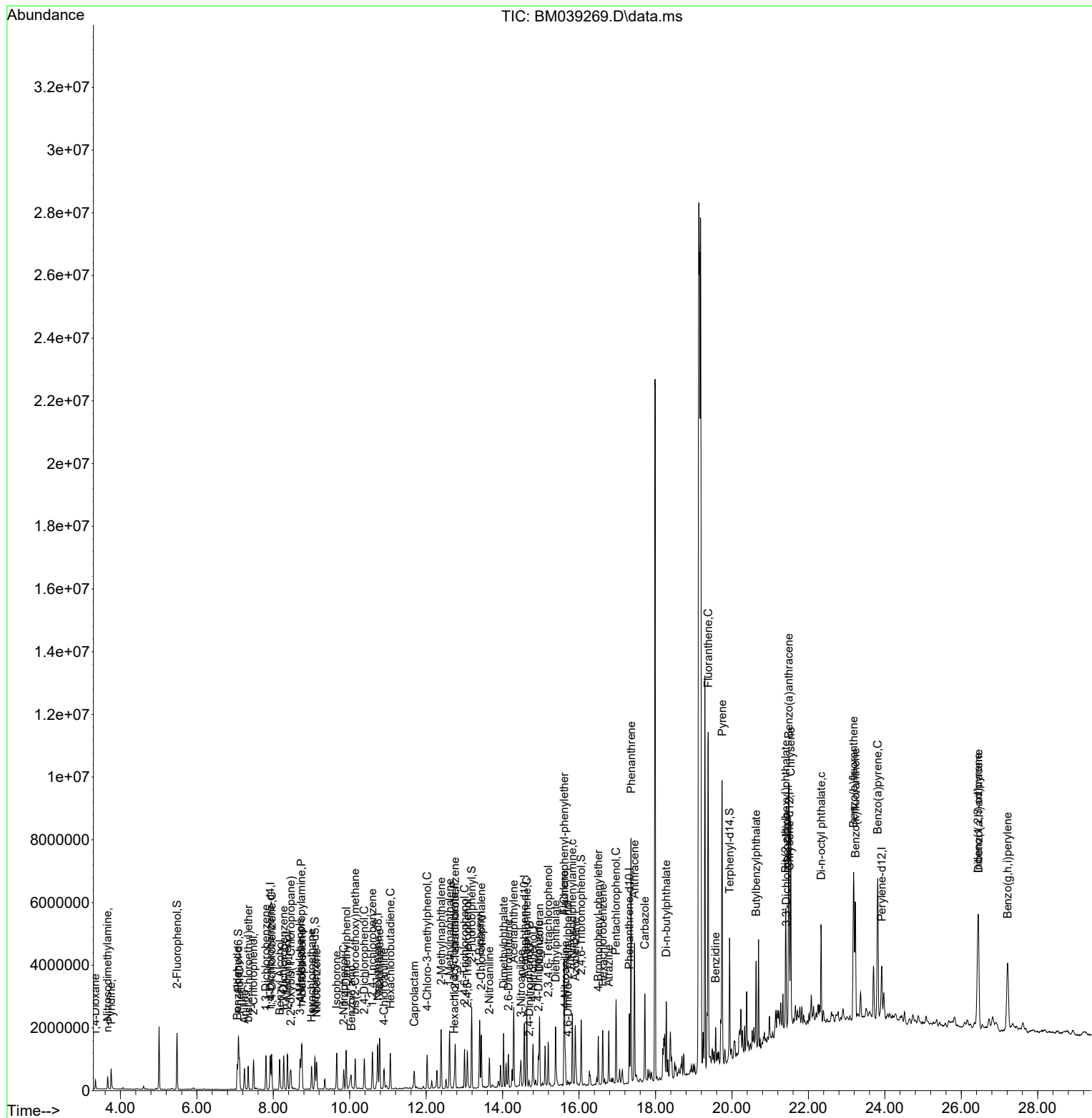
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	293273	18.643	ng	98
46) 1,1'-Biphenyl	13.404	154	1082053	21.203	ng	100
47) 2-Chloronaphthalene	13.445	162	804331	20.815	ng	99
48) 2-Nitroaniline	13.651	65	253740	19.513	ng	100
49) Acenaphthylene	14.292	152	1799533	28.335	ng	99
50) Dimethylphthalate	14.027	163	948223	19.039	ng	99
51) 2,6-Dinitrotoluene	14.151	165	193813	18.096	ng	98
52) Acenaphthene	14.633	154	867936	23.144	ng	100
53) 3-Nitroaniline	14.480	138	207572	16.764	ng	99
54) 2,4-Dinitrophenol	14.692	184	30443	4.800	ng	90
55) Dibenzofuran	14.963	168	1357438	22.484	ng	98
56) 4-Nitrophenol	14.798	139	391875	41.043	ng	99
57) 2,4-Dinitrotoluene	14.939	165	259235	17.892	ng	97
58) Fluorene	15.615	166	1245536	26.053	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	252426	20.170	ng	99
60) Diethylphthalate	15.386	149	972261	19.395	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	464431	19.602	ng	99
62) 4-Nitroaniline	15.639	138	236989	18.652	ng	99
63) Azobenzene	15.904	77	1091732	21.737	ng	95
65) 4,6-Dinitro-2-methylph...	15.704	198	21355	2.523	ng	87
66) n-Nitrosodiphenylamine	15.821	169	806671	19.895	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	276544	20.125	ng	99
68) Hexachlorobenzene	16.621	284	314122	21.083	ng	99
69) Atrazine	16.780	200	272429	21.214	ng	99
70) Pentachlorophenol	16.968	266	408541	38.219	ng	100
71) Phenanthrene	17.362	178	4629297	65.692	ng	100
72) Anthracene	17.451	178	2615559	36.400	ng	99
73) Carbazole	17.721	167	1730392	25.771	ng	99
74) Di-n-butylphthalate	18.280	149	1796183	21.626	ng	100
75) Fluoranthene	19.380	202	5918619	73.679	ng	99
77) Benzidine	19.574	184	579799	20.023	ng	98
78) Pyrene	19.745	202	5639555	72.161	ng	99
80) Butylbenzylphthalate	20.633	149	777800	21.724	ng	99
81) Benzo(a)anthracene	21.486	228	3760883	48.575	ng	97
82) 3,3'-Dichlorobenzidine	21.421	252	516842	20.039	ng	99
83) Chrysene	21.539	228	3357132	44.916	ng	97
84) Bis(2-ethylhexyl)phtha...	21.403	149	1133170	21.430	ng	100
85) Di-n-octyl phthalate	22.333	149	1957614	20.548	ng	99
87) Indeno(1,2,3-cd)pyrene	26.438	276	3191983	34.098	ng	98
88) Benzo(b)fluoranthene	23.186	252	4049236	52.086	ng	99
89) Benzo(k)fluoranthene	23.233	252	2634144	33.265	ng	98
90) Benzo(a)pyrene	23.815	252	3414665	44.712	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	1930278	24.557	ng	98
92) Benzo(g,h,i)perylene	27.215	276	2869851	37.125	ng	100

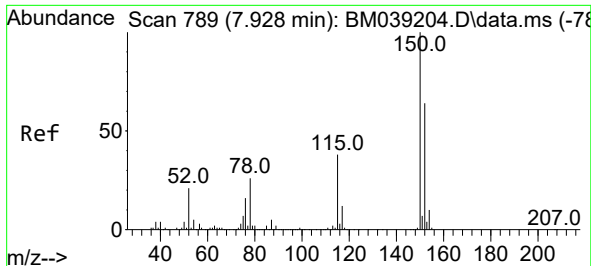
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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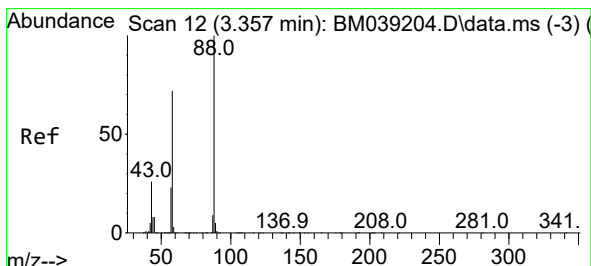
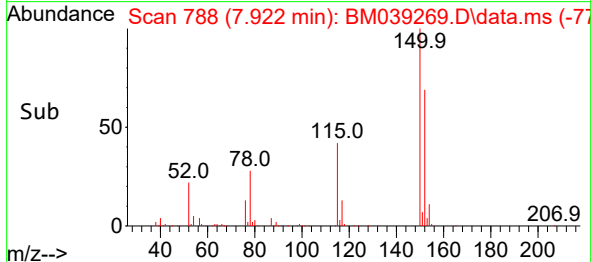
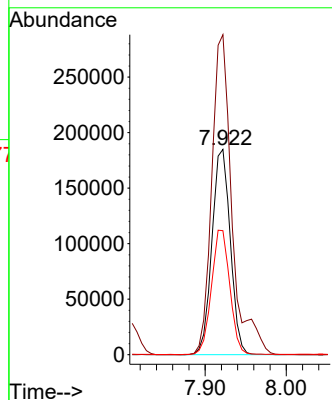
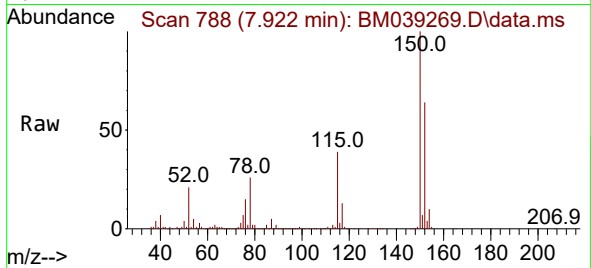




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 7
Delta R.T. 0.006 min
Lab File: BM039269.D
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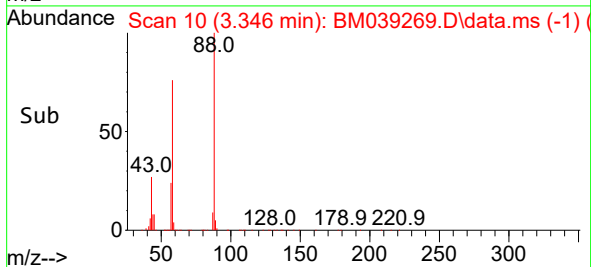
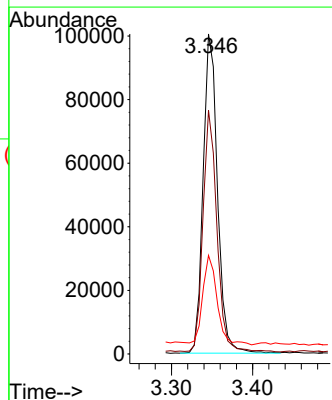
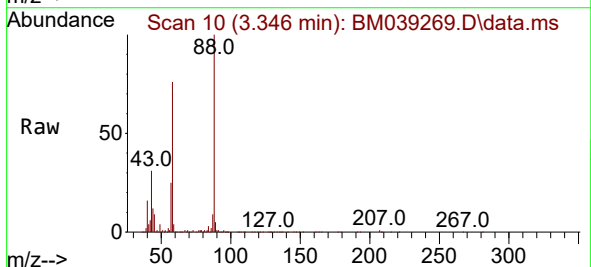
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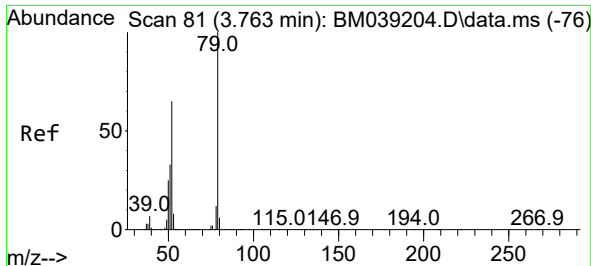
Tgt Ion:152 Resp: 290134
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 60.4 48.1 72.1



#2
1,4-Dioxane
Concen: 15.646 ng
RT: 3.346 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion: 88 Resp: 123154
Ion Ratio Lower Upper
88 100
58 73.6 57.9 86.9
43 28.1 21.4 32.2

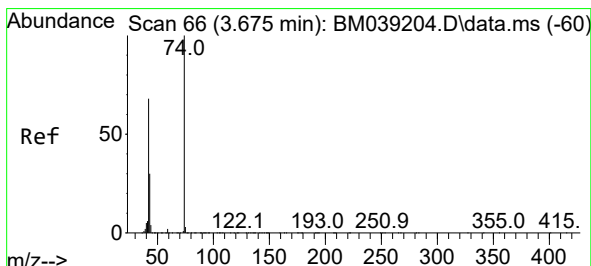
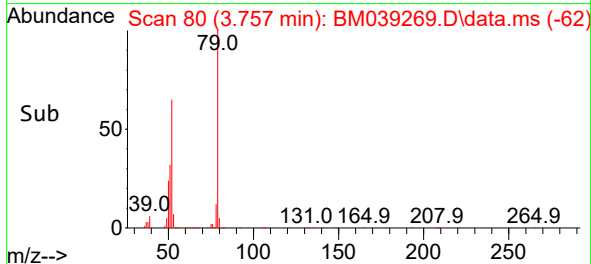
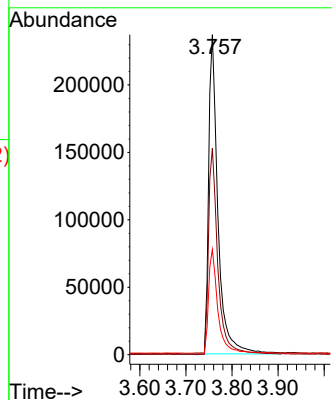
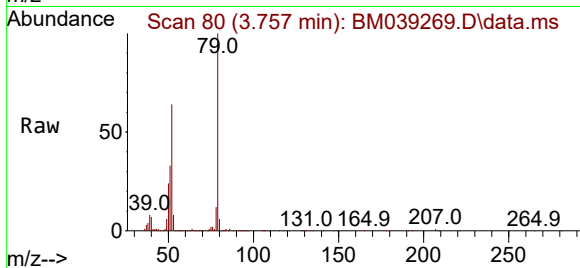




#3
 Pyridine
 Concen: 15.271 ng
 RT: 3.757 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BM039269.D
 Acq: 01 Apr 2023 00:56

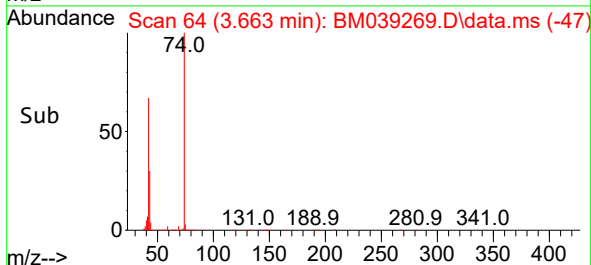
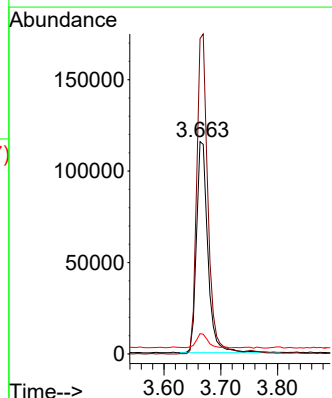
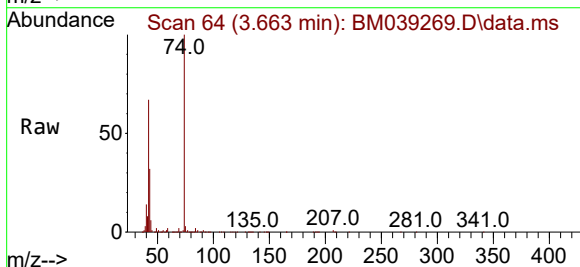
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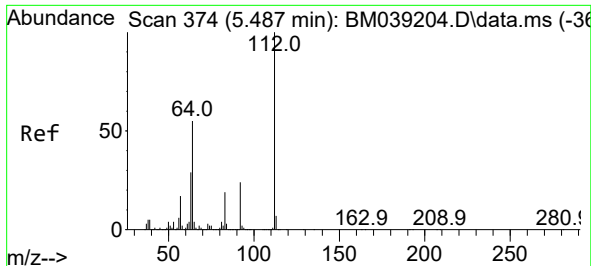
Tgt Ion: 79 Resp: 336741
 Ion Ratio Lower Upper
 79 100
 52 64.5 52.0 78.0
 51 32.9 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 18.626 ng
 RT: 3.663 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BM039269.D
 Acq: 01 Apr 2023 00:56

Tgt Ion: 42 Resp: 161305
 Ion Ratio Lower Upper
 42 100
 74 148.6 118.1 177.1
 44 9.6 6.3 9.5

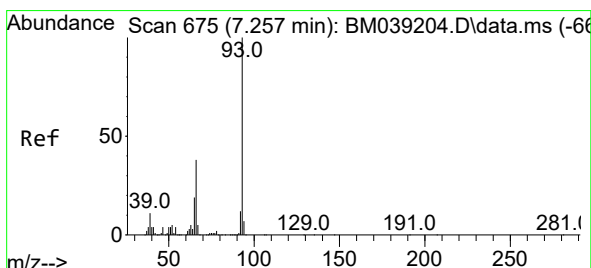
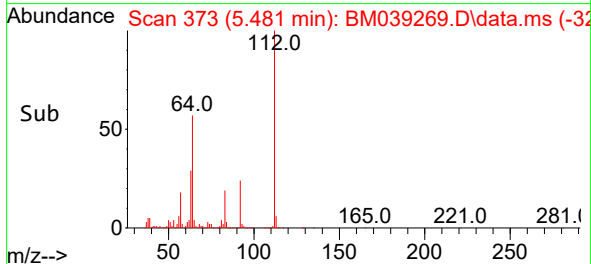
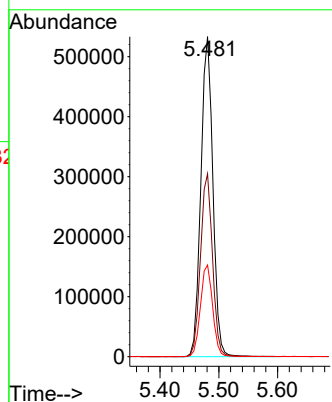
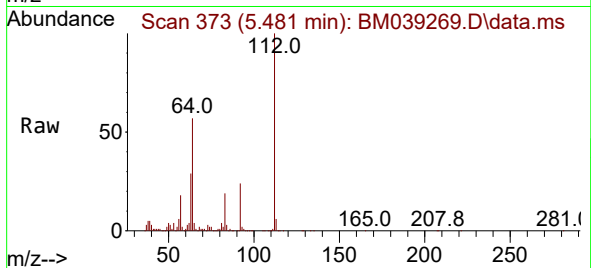




#5
2-Fluorophenol
Concen: 39.322 ng
RT: 5.481 min Scan# 31
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

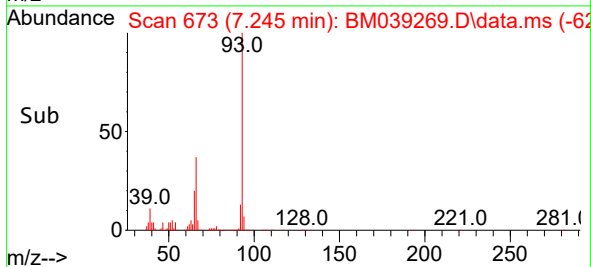
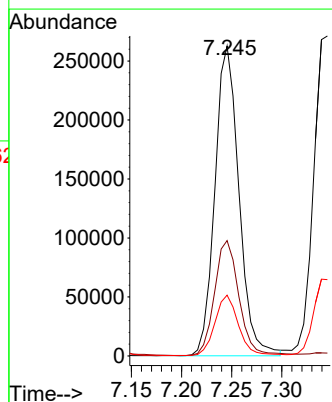
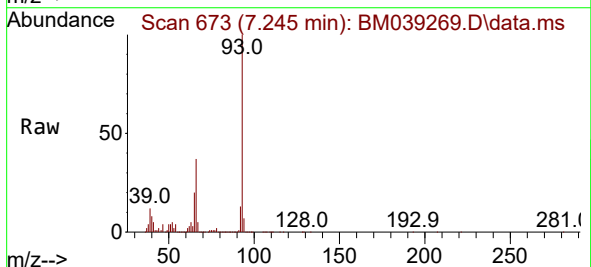
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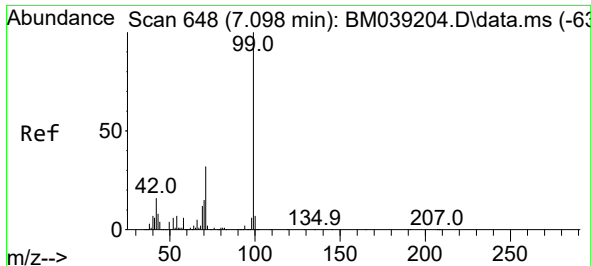
Tgt Ion:112 Resp: 757248
Ion Ratio Lower Upper
112 100
64 57.1 44.3 66.5
63 28.7 23.0 34.6



#6
Aniline
Concen: 14.185 ng
RT: 7.245 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion: 93 Resp: 437293
Ion Ratio Lower Upper
93 100
66 37.2 30.1 45.1
65 19.6 15.5 23.3

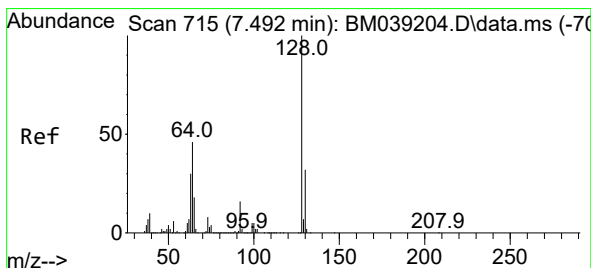
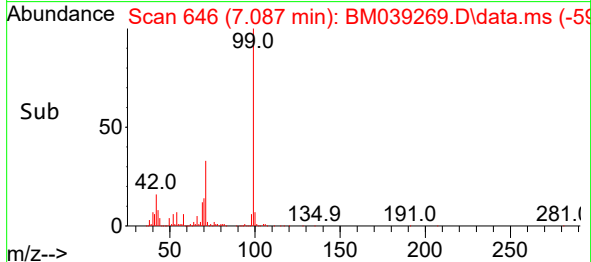
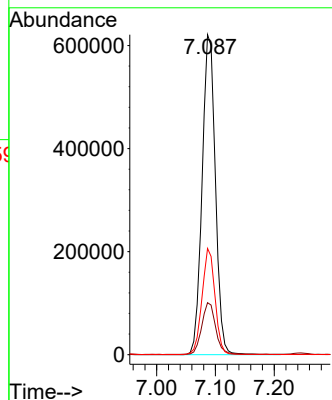
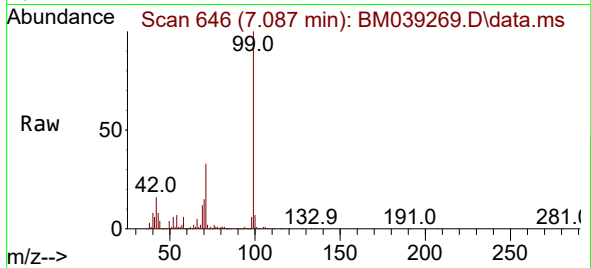




#7
Phenol-d6
Concen: 39.226 ng
RT: 7.087 min Scan# 648
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

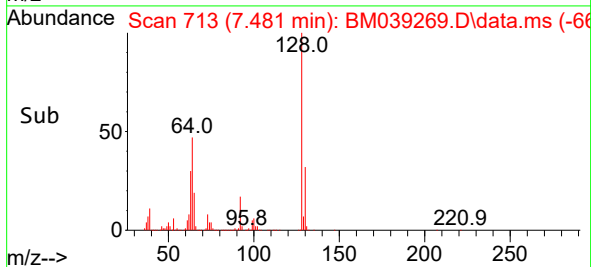
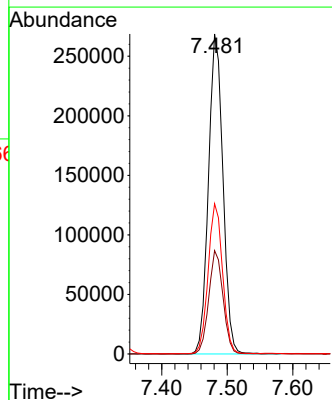
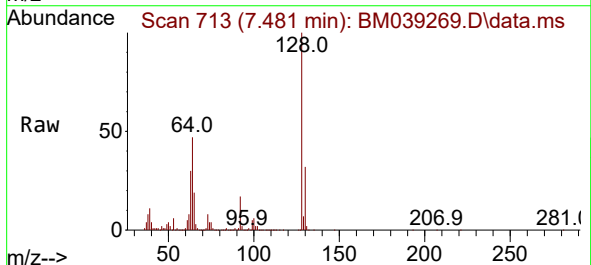
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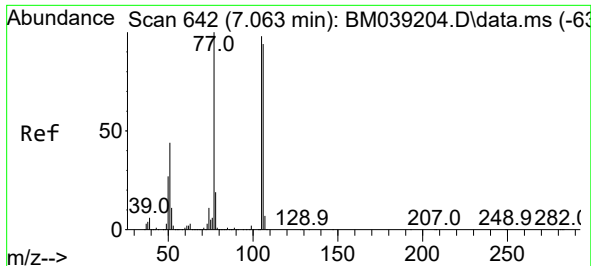
Tgt Ion: 99 Resp: 977040
Ion Ratio Lower Upper
99 100
42 16.3 13.0 19.6
71 33.2 25.5 38.3



#8
2-Chlorophenol
Concen: 20.979 ng
RT: 7.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion: 128 Resp: 413503
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 46.9 25.9 65.9

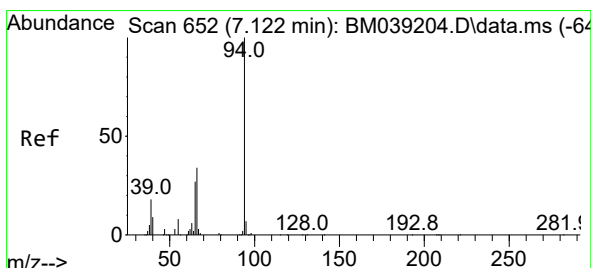
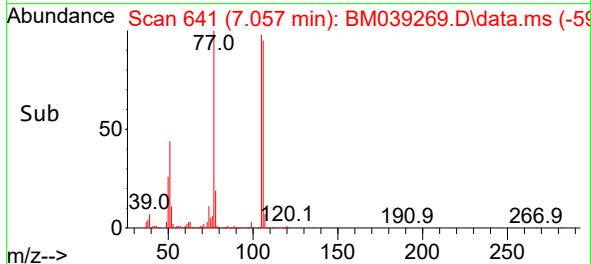
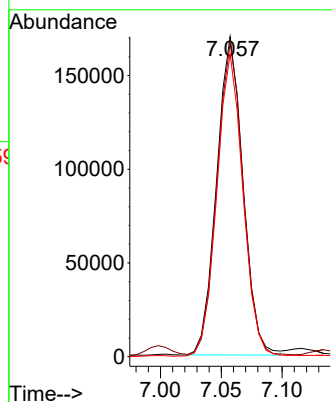
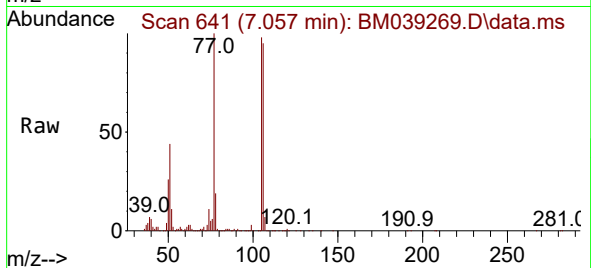




#9
Benzaldehyde
Concen: 17.930 ng
RT: 7.057 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

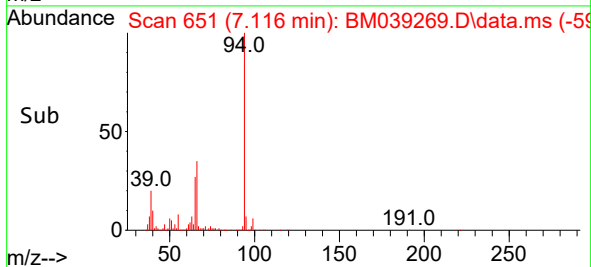
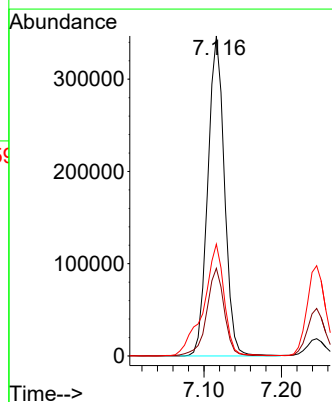
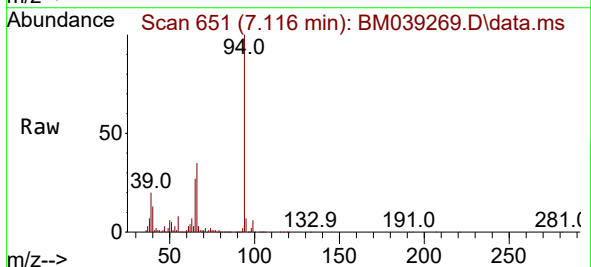
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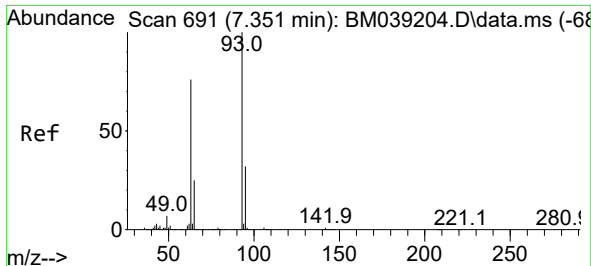
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Ion Ratio Lower Upper
77 100
105 98.1 78.2 118.2
106 94.6 73.8 113.8



#10
Phenol
Concen: 20.710 ng
RT: 7.116 min Scan# 651
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion: 94 Resp: 516938
Ion Ratio Lower Upper
94 100
65 27.4 7.2 47.2
66 35.0 15.2 55.2

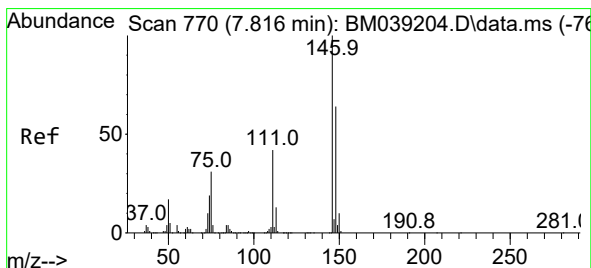
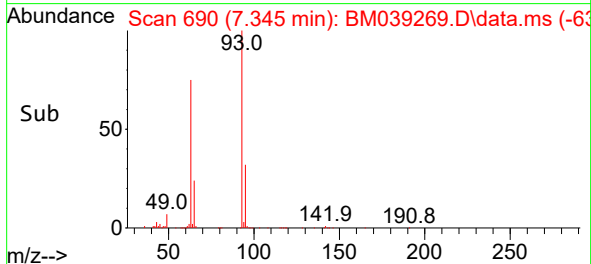
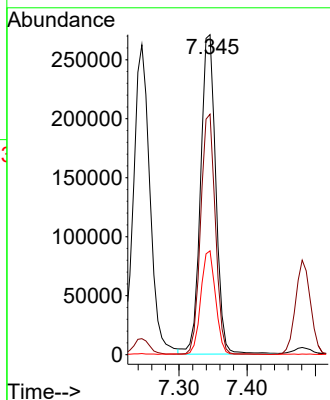
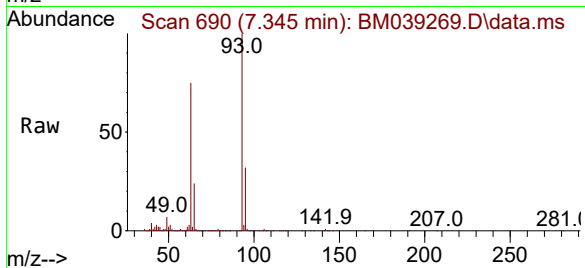




#11
bis(2-Chloroethyl)ether
Concen: 20.915 ng
RT: 7.345 min Scan# 691
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

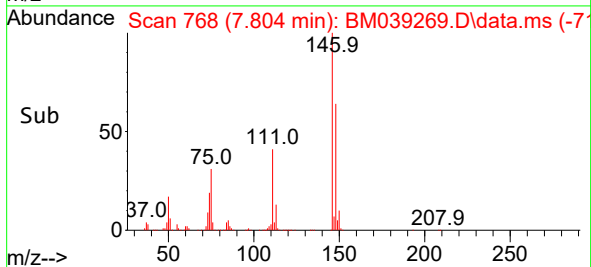
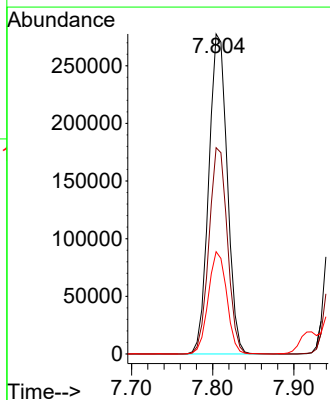
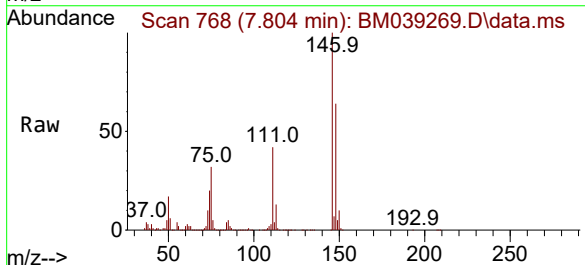
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

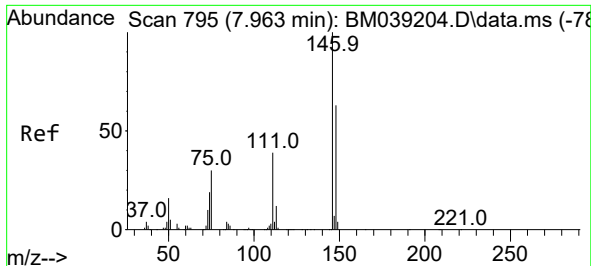
Tgt Ion: 93 Resp: 420002
Ion Ratio Lower Upper
93 100
63 75.1 55.5 95.5
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 20.978 ng
RT: 7.804 min Scan# 768
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion: 146 Resp: 438514
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 31.9 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 21.249 ng

RT: 7.957 min Scan# 794

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

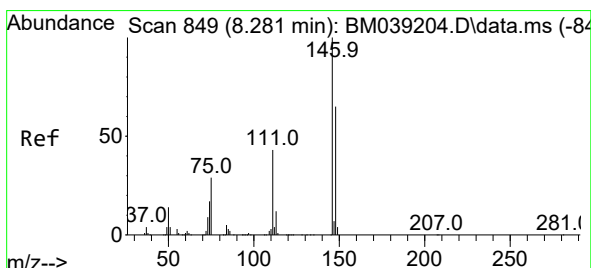
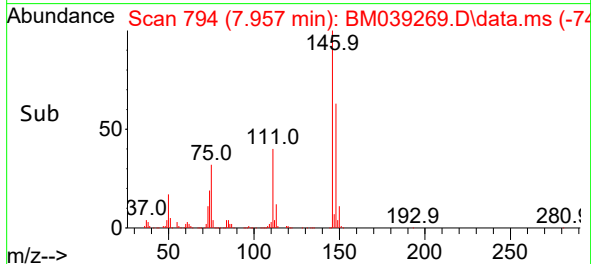
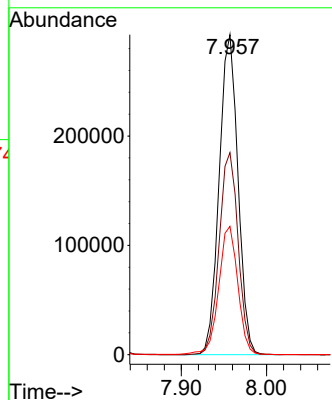
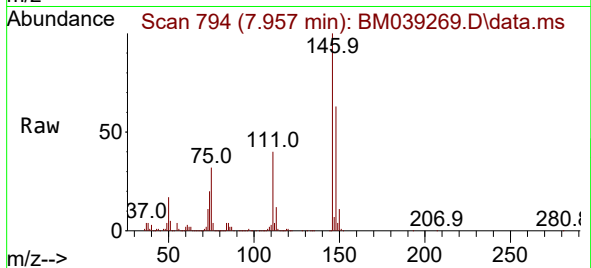
Tgt Ion:146 Resp: 449119

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

111 40.1 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 21.234 ng

RT: 8.275 min Scan# 848

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

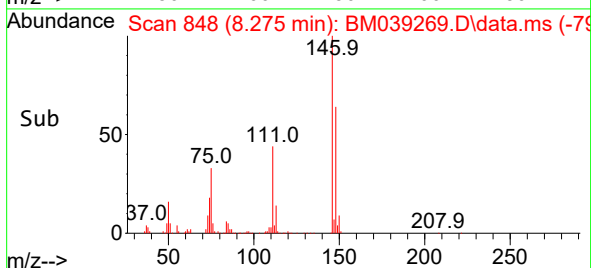
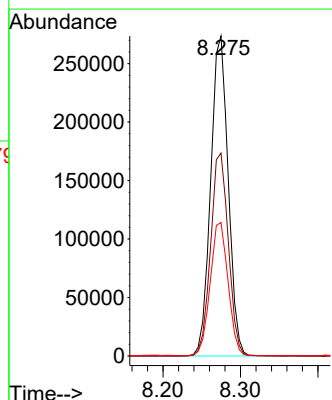
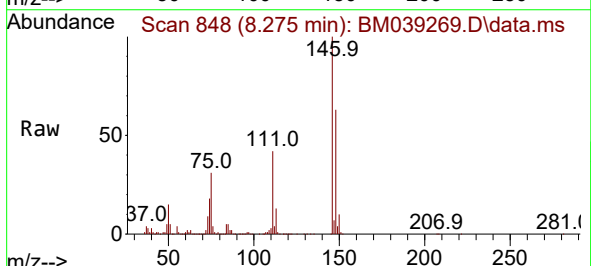
Tgt Ion:146 Resp: 429153

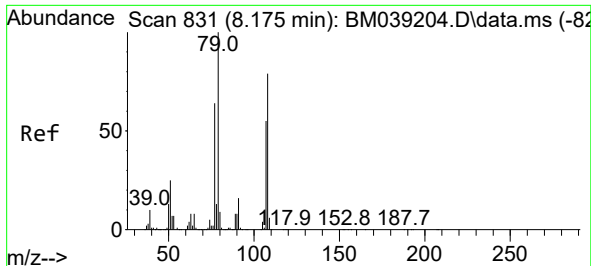
Ion Ratio Lower Upper

146 100

148 63.4 52.1 78.1

111 41.7 34.5 51.7

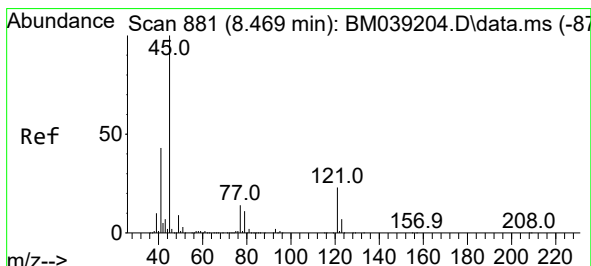
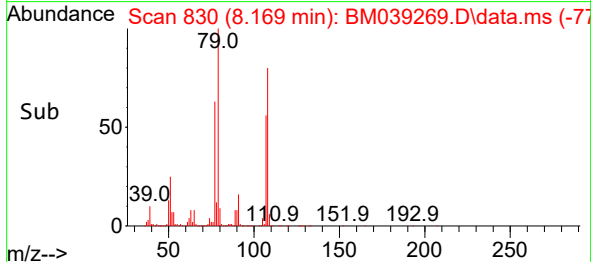
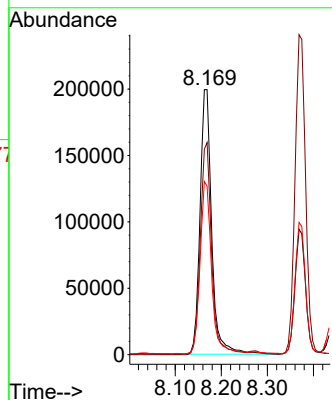
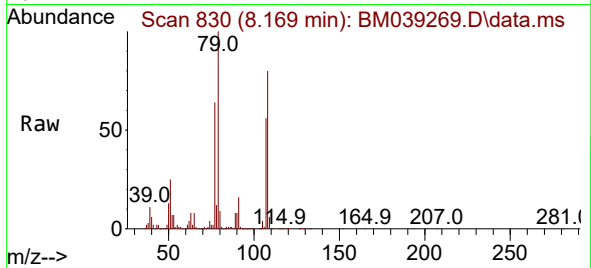




#15
Benzyl Alcohol
Concen: 20.570 ng
RT: 8.169 min Scan# 81
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

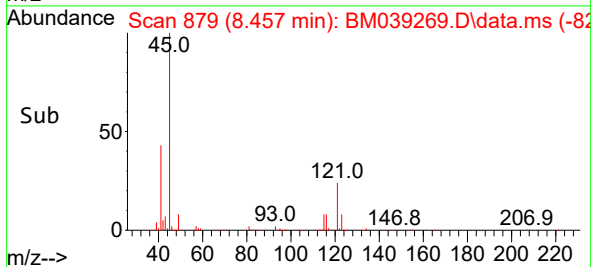
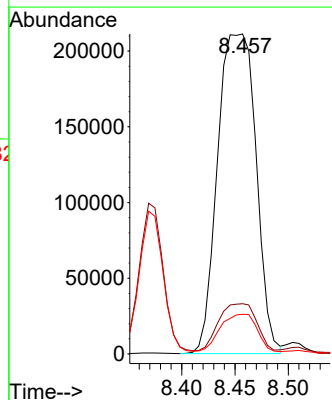
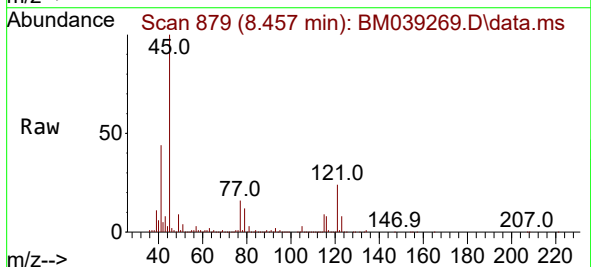
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

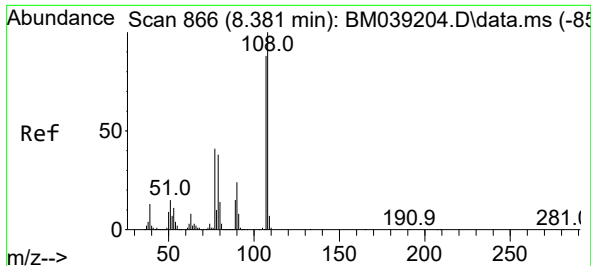
Tgt Ion: 79 Resp: 352394
Ion Ratio Lower Upper
79 100
108 80.0 63.4 95.0
77 63.6 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.621 ng
RT: 8.457 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

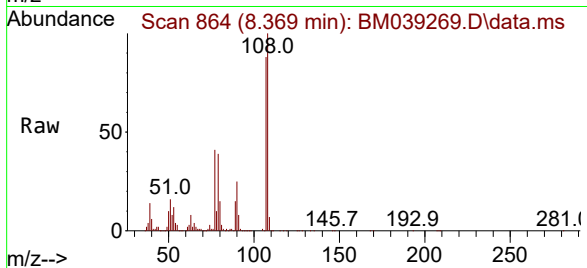
Tgt Ion: 45 Resp: 529637
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.1
79 12.4 0.0 32.2



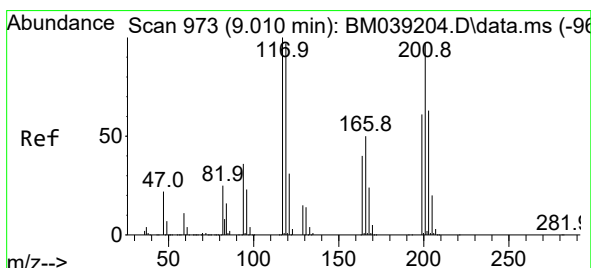
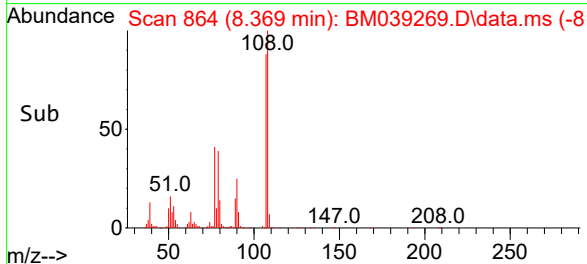
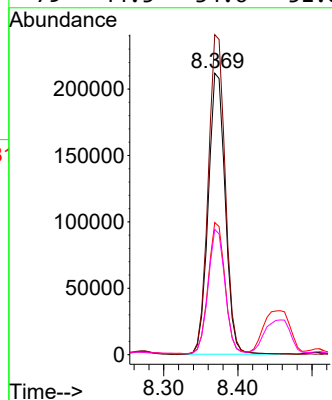


#17
2-Methylphenol
Concen: 19.225 ng
RT: 8.369 min Scan# 864
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

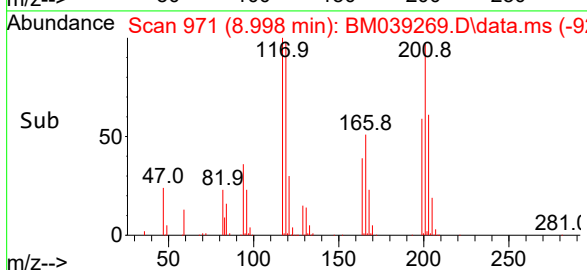
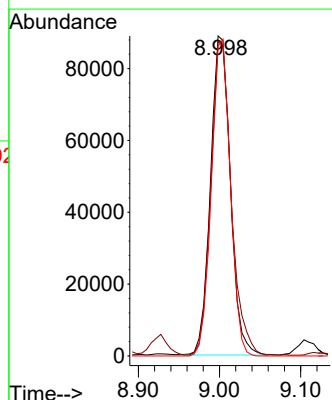
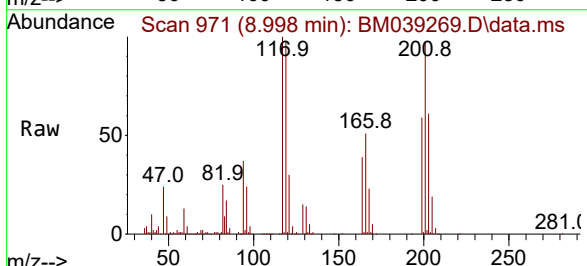


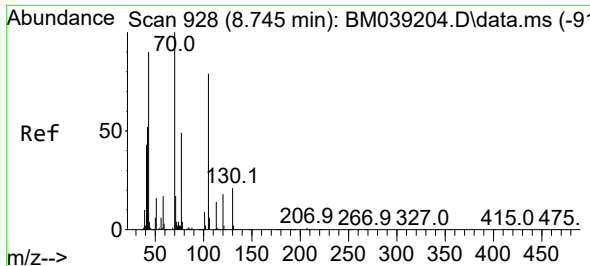
Tgt Ion:	107	Resp:	335745
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.6	136.0
77	47.0	37.0	55.4
79	44.5	34.6	51.8



#18
Hexachloroethane
Concen: 18.454 ng
RT: 8.998 min Scan# 971
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:	117	Resp:	150877
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.8	116.8
201	96.8	77.3	115.9



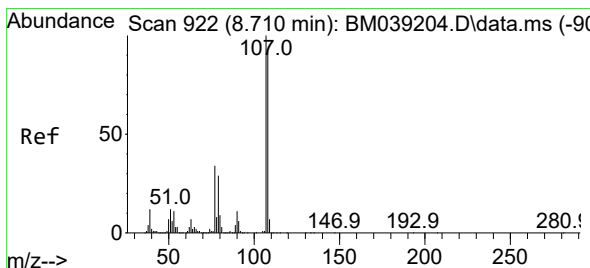
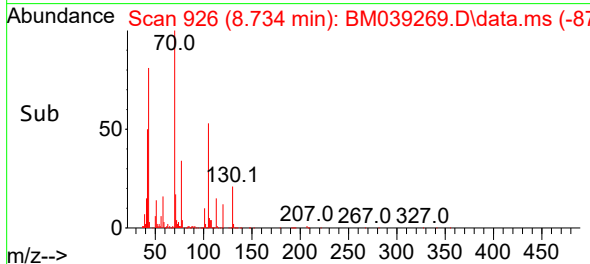
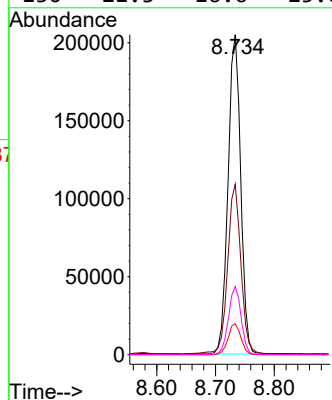
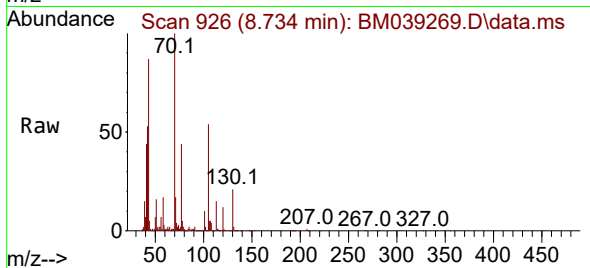


#19
n-Nitroso-di-n-propylamine
Concen: 19.264 ng
RT: 8.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

Tgt Ion: 70 Resp: 306733

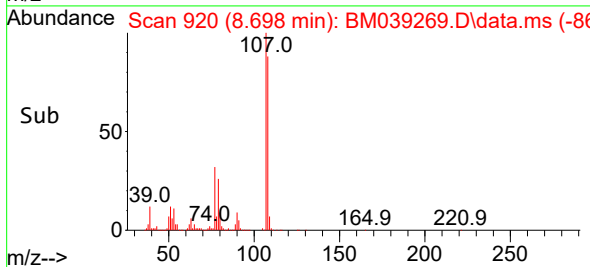
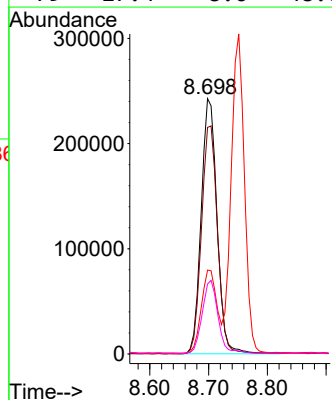
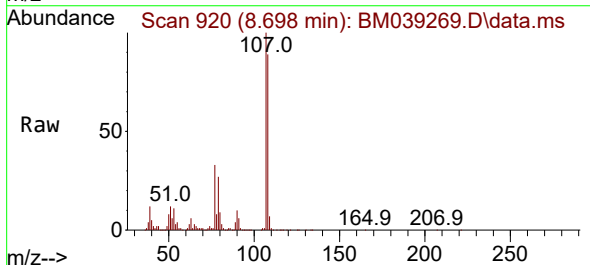
Ion	Ratio	Lower	Upper
70	100		
42	53.3	42.2	63.2
101	9.7	7.6	11.4
130	21.3	16.6	25.0

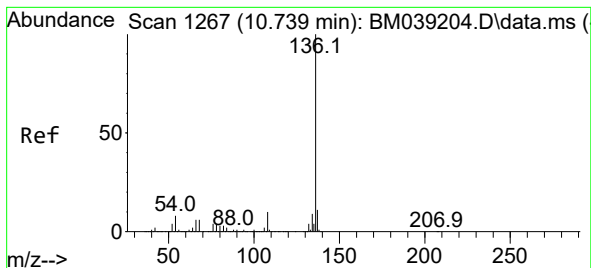


#20
3+4-Methylphenols
Concen: 19.334 ng
RT: 8.698 min Scan# 920
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion: 107 Resp: 453713

Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.1	112.1
77	32.8	13.7	53.7
79	27.4	8.6	48.6

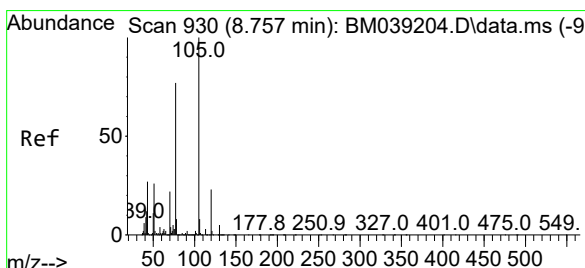
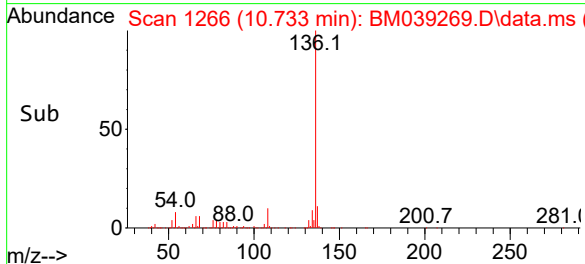
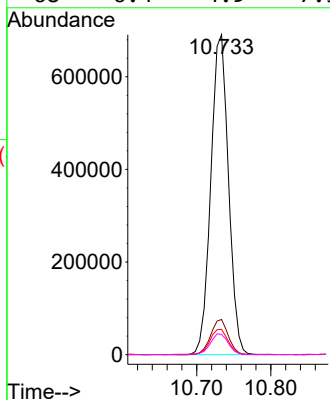
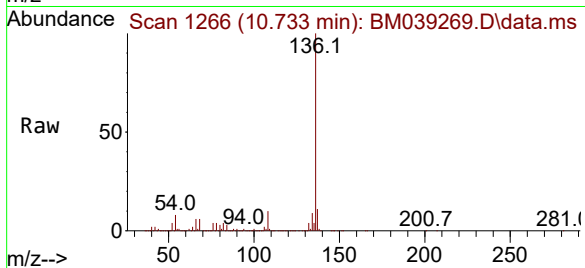




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

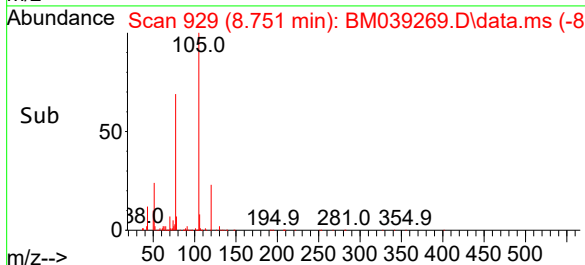
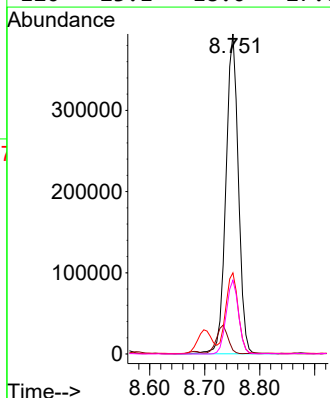
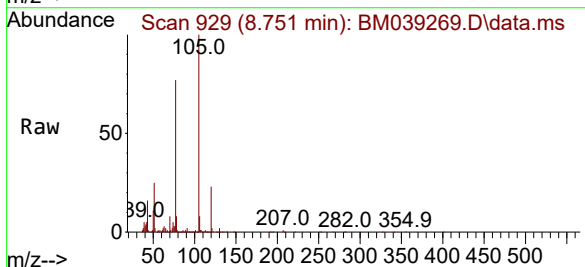
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

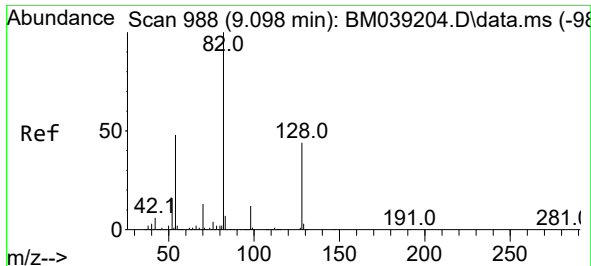
Tgt Ion:136 Resp: 1140727
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 6.2 9.4
68 6.4 4.9 7.3



#22
Acetophenone
Concen: 20.387 ng
RT: 8.751 min Scan# 929
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:105 Resp: 621809
Ion Ratio Lower Upper
105 100
71 1.2 2.8 4.2#
51 25.3 20.6 31.0
120 23.1 18.0 27.0

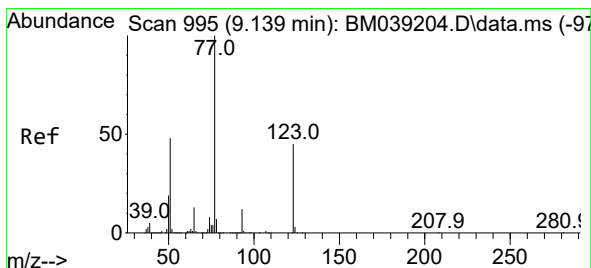
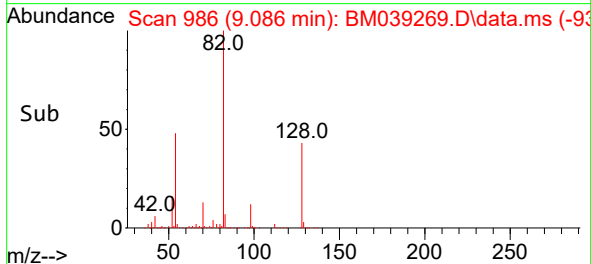
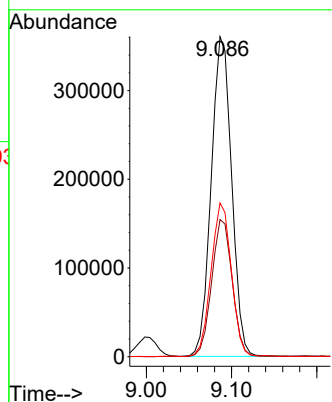
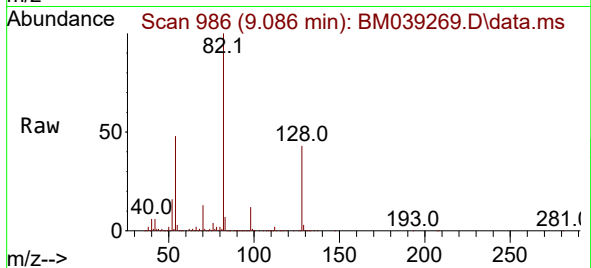




#23
Nitrobenzene-d5
Concen: 25.586 ng
RT: 9.086 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

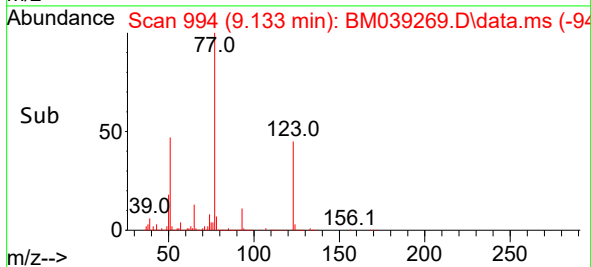
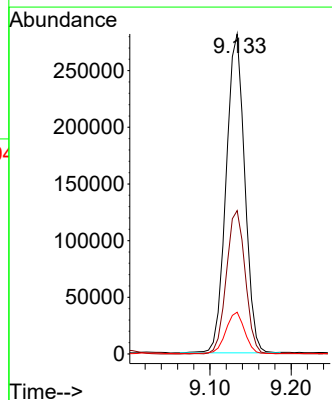
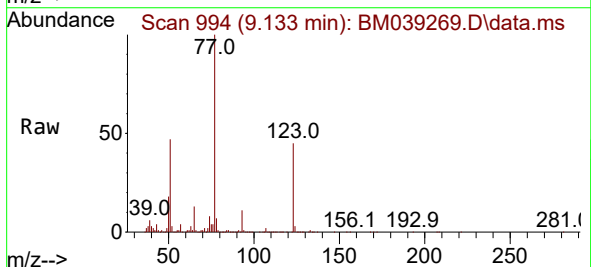
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

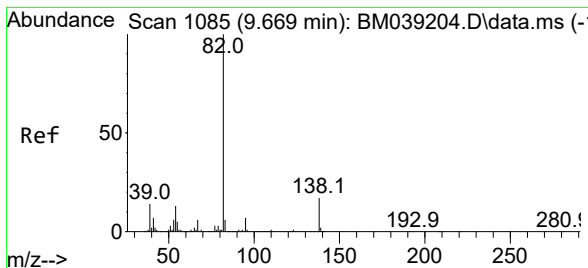
Tgt Ion: 82 Resp: 600523
Ion Ratio Lower Upper
82 100
128 42.8 35.1 52.7
54 48.0 38.5 57.7



#24
Nitrobenzene
Concen: 19.230 ng
RT: 9.133 min Scan# 994
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion: 77 Resp: 448920
Ion Ratio Lower Upper
77 100
123 44.8 36.2 54.2
65 13.1 10.6 15.8





#25

Isophorone

Concen: 19.054 ng

RT: 9.657 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

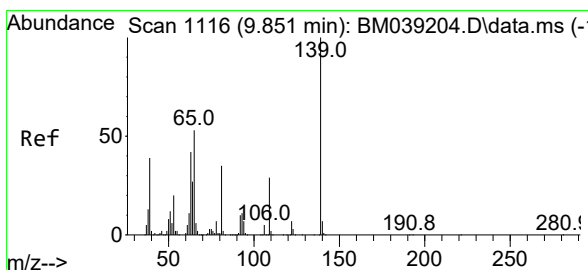
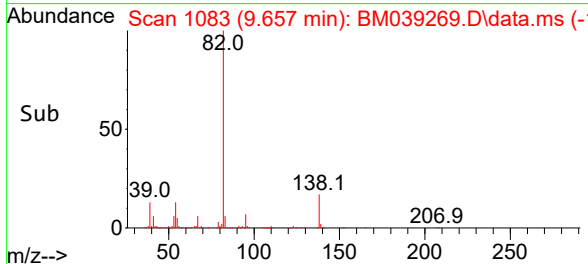
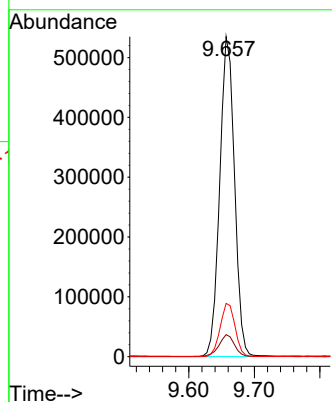
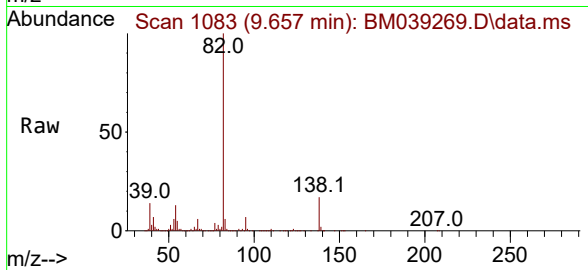
Tgt Ion: 82 Resp: 834281

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 16.6 13.5 20.3



#26

2-Nitrophenol

Concen: 18.017 ng

RT: 9.845 min Scan# 1115

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

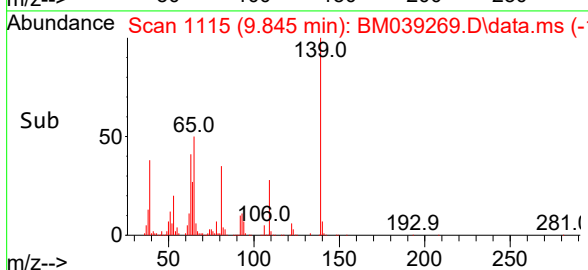
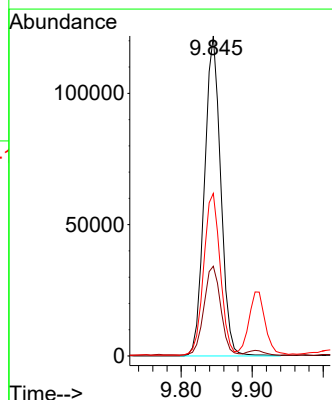
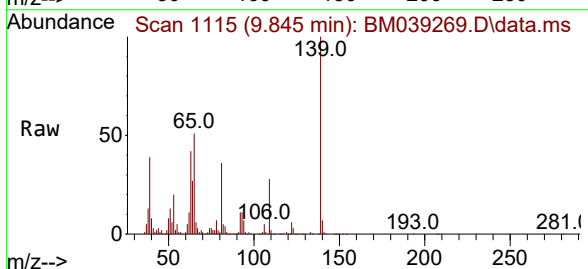
Tgt Ion:139 Resp: 194438

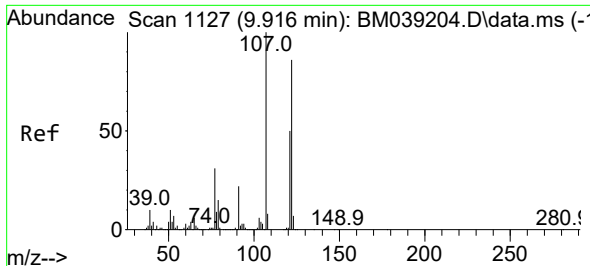
Ion Ratio Lower Upper

139 100

109 28.1 23.4 35.0

65 50.8 42.2 63.2





#27

2,4-Dimethylphenol

Concen: 20.611 ng

RT: 9.910 min Scan# 1127

Delta R.T. 0.005 min

Lab File: BM039269.D

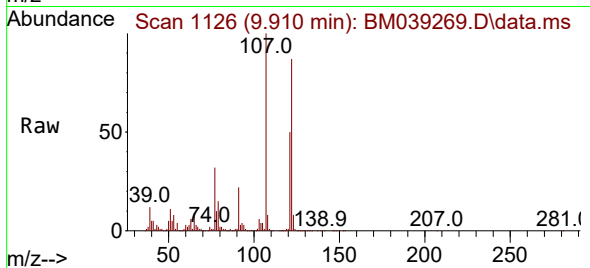
Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS



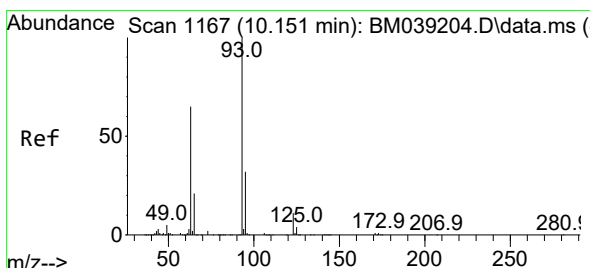
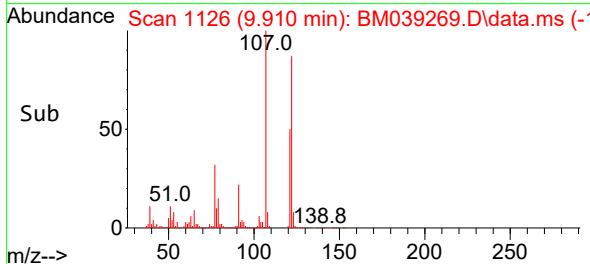
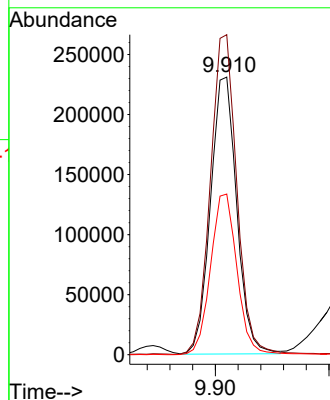
Tgt Ion:122 Resp: 369566

Ion Ratio Lower Upper

122 100

107 115.3 92.3 138.5

121 57.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 19.775 ng

RT: 10.145 min Scan# 1166

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

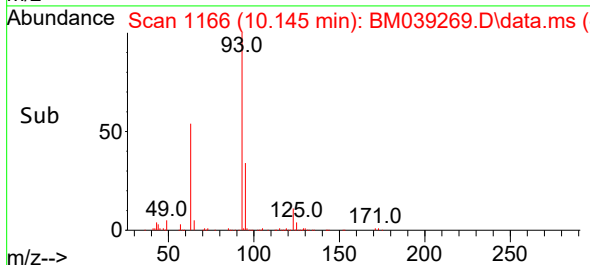
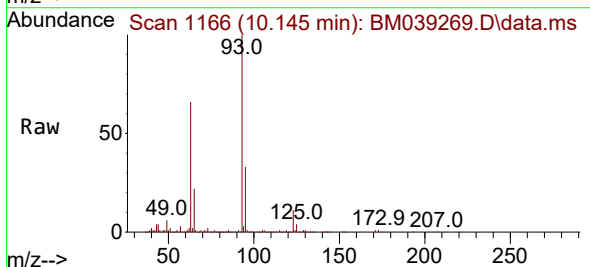
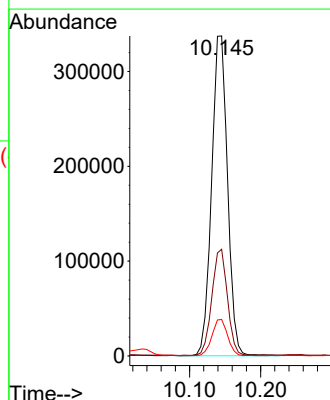
Tgt Ion: 93 Resp: 524154

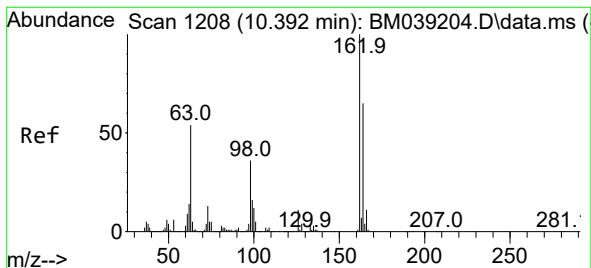
Ion Ratio Lower Upper

93 100

95 33.4 25.8 38.8

123 11.4 9.1 13.7

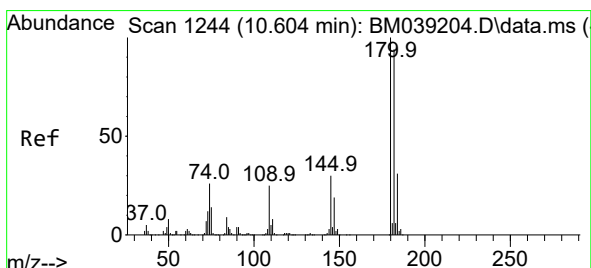
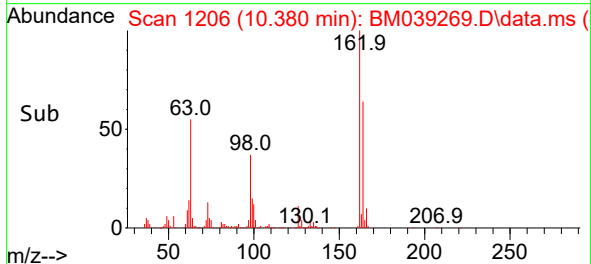
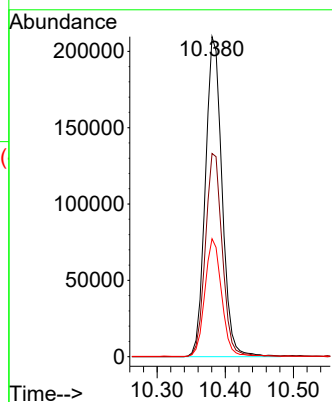
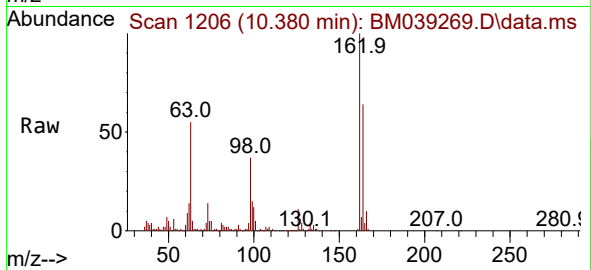




#29
2,4-Dichlorophenol
Concen: 20.440 ng
RT: 10.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

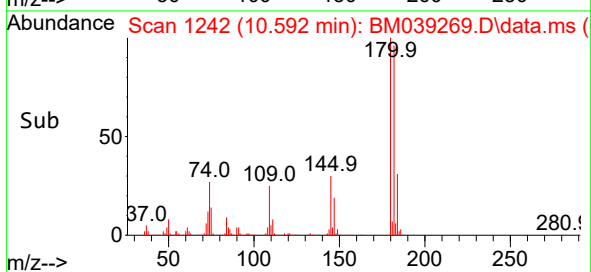
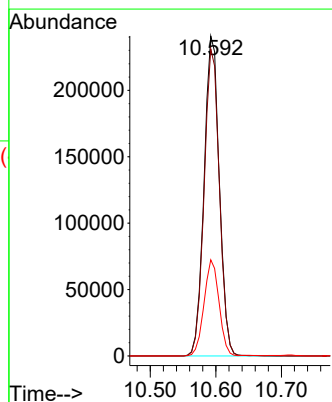
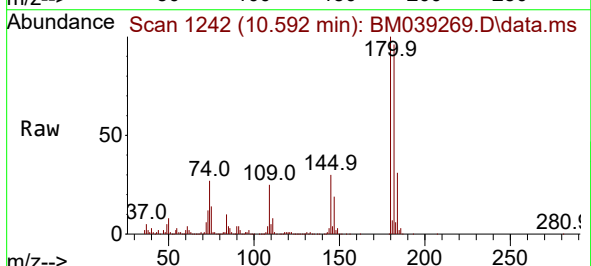
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

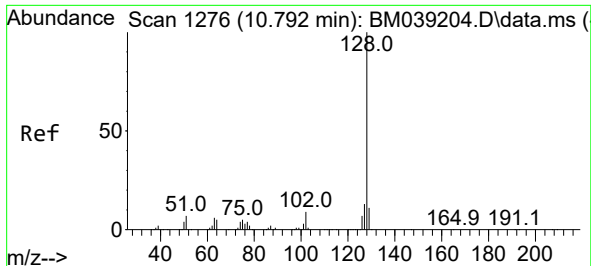
Tgt Ion:162 Resp: 357588
Ion Ratio Lower Upper
162 100
164 63.5 44.8 84.8
98 36.9 16.0 56.0



#30
1,2,4-Trichlorobenzene
Concen: 20.879 ng
RT: 10.592 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:180 Resp: 390775
Ion Ratio Lower Upper
180 100
182 96.0 75.2 112.8
145 30.1 23.9 35.9

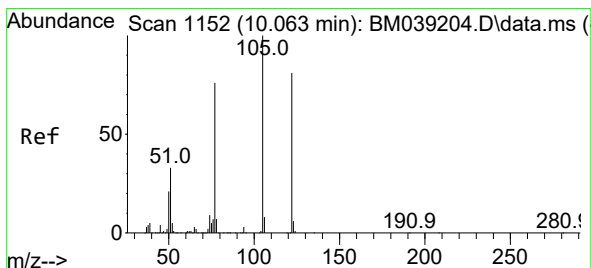
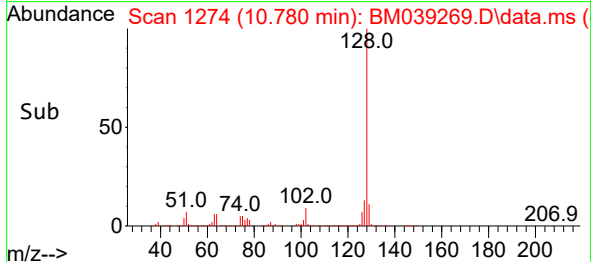
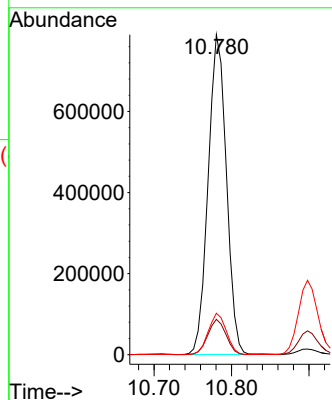
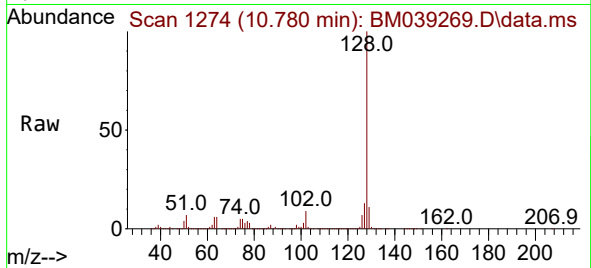




#31
Naphthalene
Concen: 21.025 ng
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

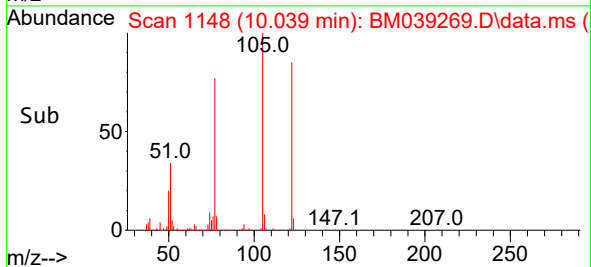
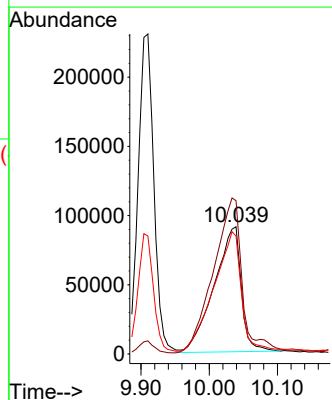
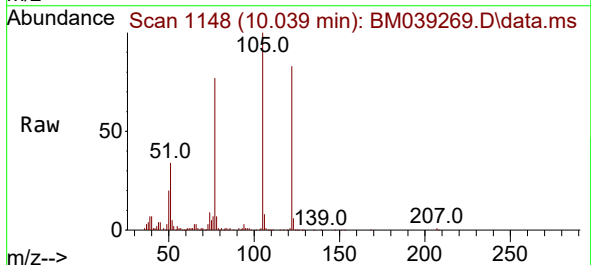
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

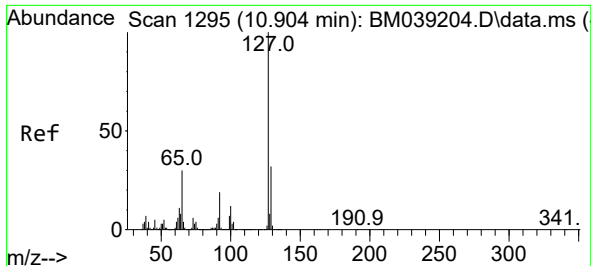
Tgt Ion:128 Resp: 1292347
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 17.902 ng
RT: 10.039 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:122 Resp: 250187
Ion Ratio Lower Upper
122 100
105 120.6 103.1 143.1
77 92.7 74.6 114.6

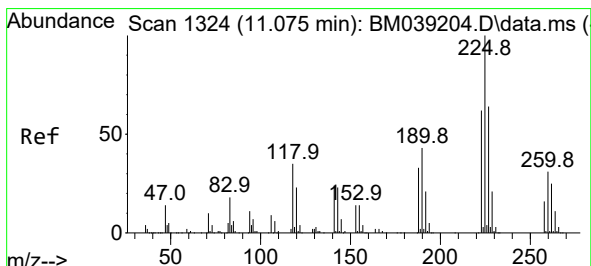
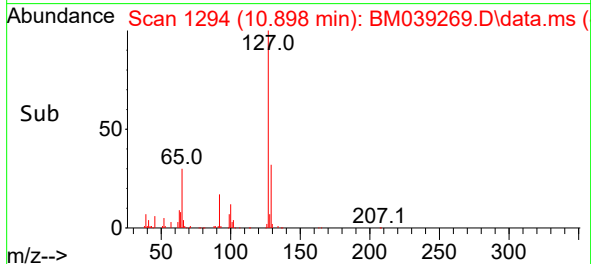
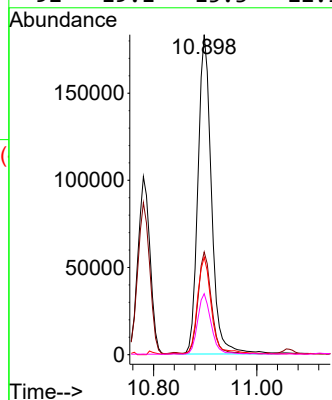
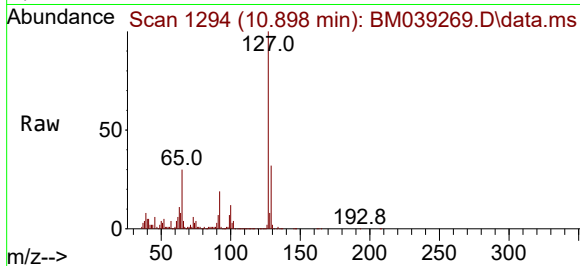




#33
4-Chloroaniline
Concen: 12.372 ng
RT: 10.898 min Scan# 11
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

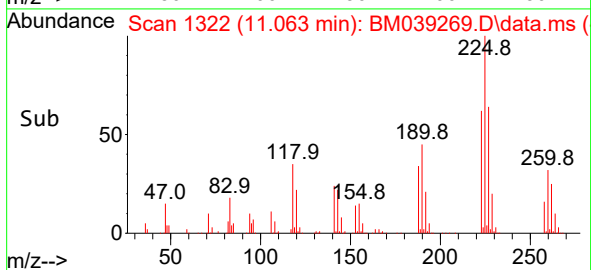
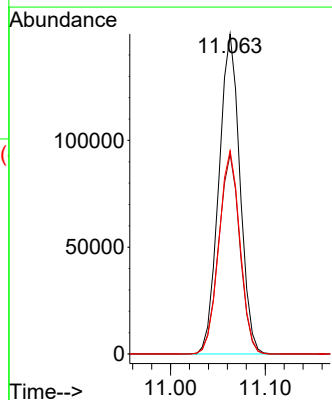
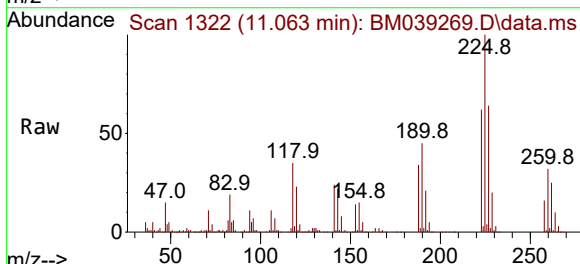
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

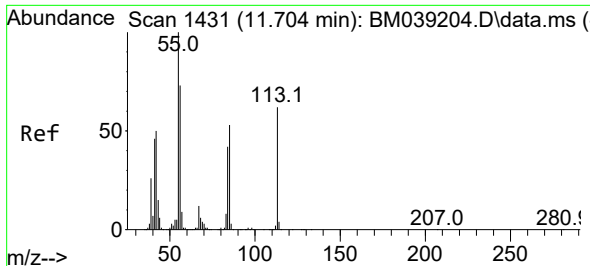
Tgt Ion:	127	Resp:	333174
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	30.5	24.1	36.1
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 20.996 ng
RT: 11.063 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:	225	Resp:	231066
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	63.6	51.6	77.4

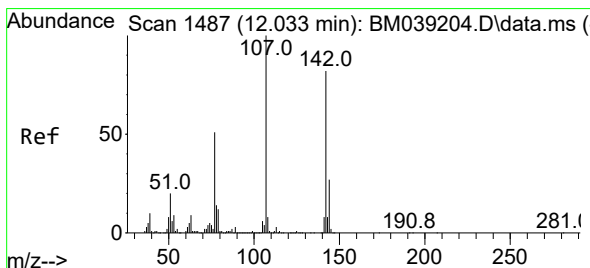
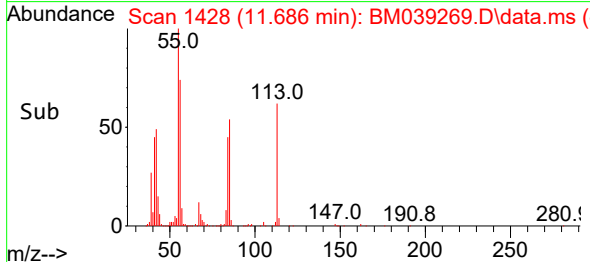
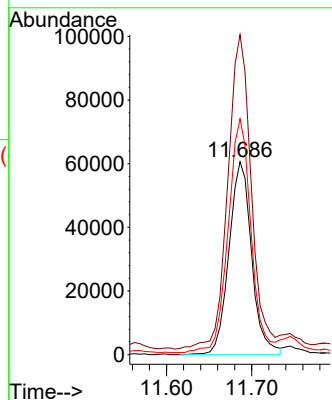
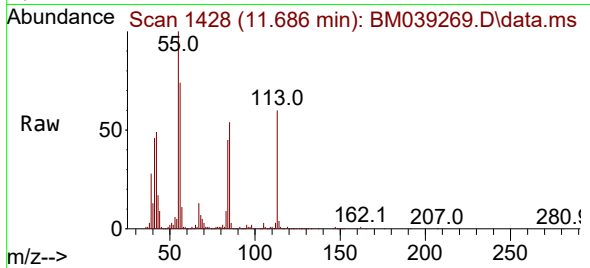




#35
Caprolactam
Concen: 18.465 ng
RT: 11.686 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

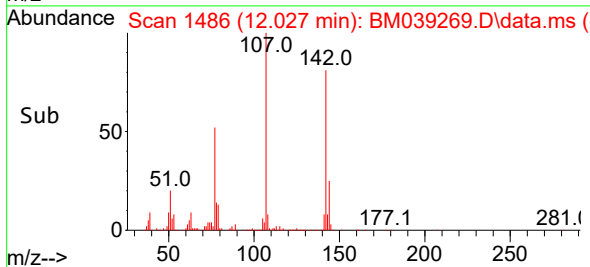
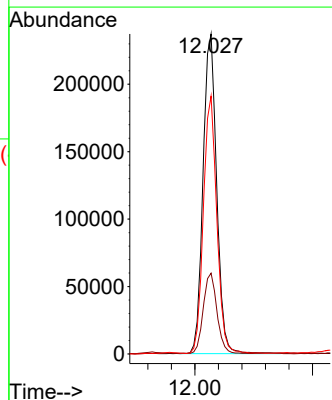
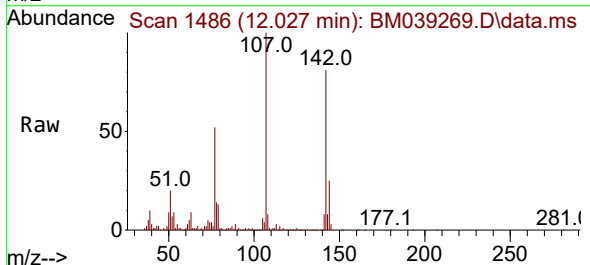
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

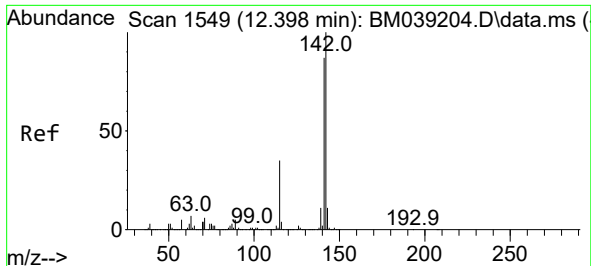
Tgt Ion:113 Resp: 112164
Ion Ratio Lower Upper
113 100
55 165.8 141.8 181.8
56 122.2 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 19.742 ng
RT: 12.027 min Scan# 1486
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:107 Resp: 381052
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.2
142 80.6 65.2 97.8

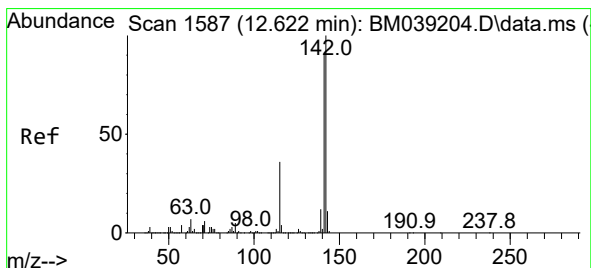
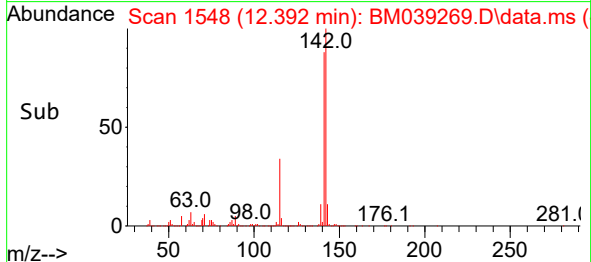
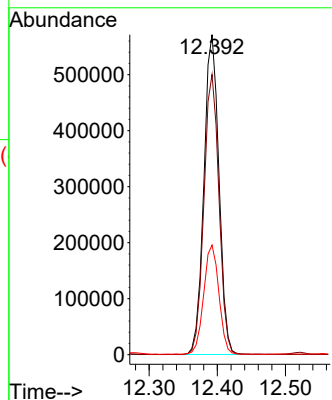
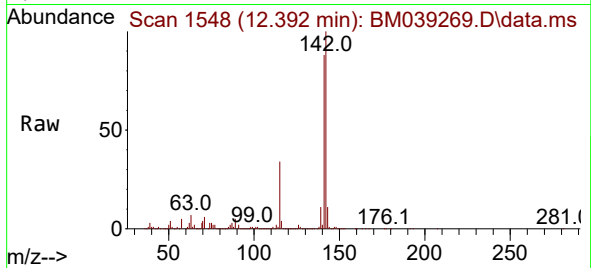




#37
2-Methylnaphthalene
Concen: 20.456 ng
RT: 12.392 min Scan# 1548
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

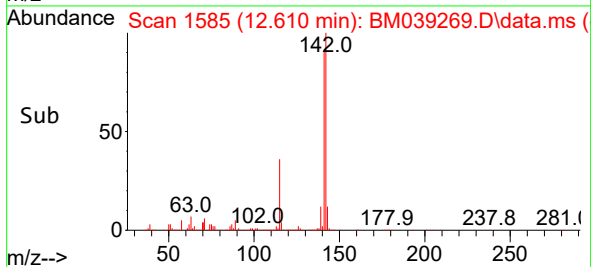
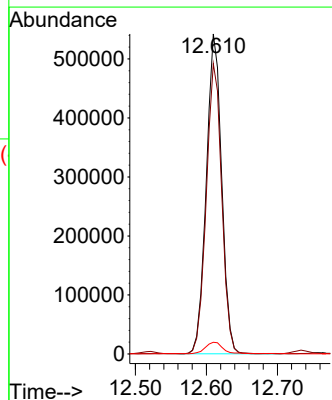
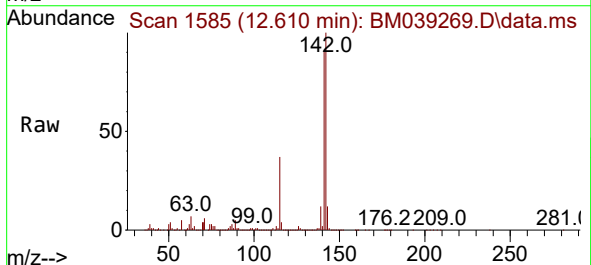
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

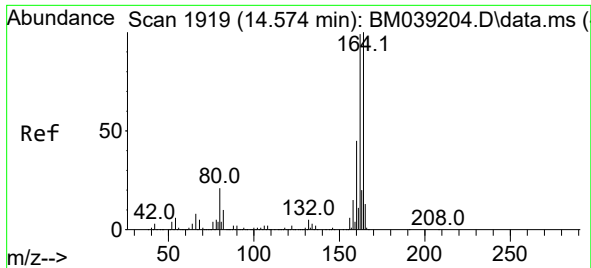
Tgt Ion:142 Resp: 875312
Ion Ratio Lower Upper
142 100
141 87.5 69.8 104.8
115 34.3 27.8 41.8



#38
1-Methylnaphthalene
Concen: 20.358 ng
RT: 12.610 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:142 Resp: 815668
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8
116 3.7 3.0 4.4

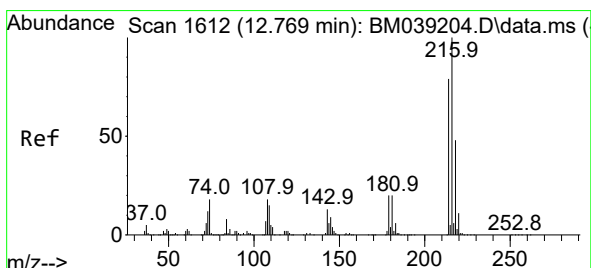
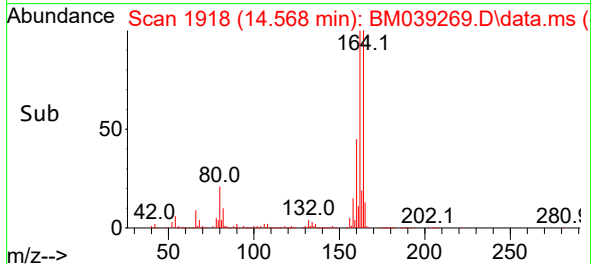
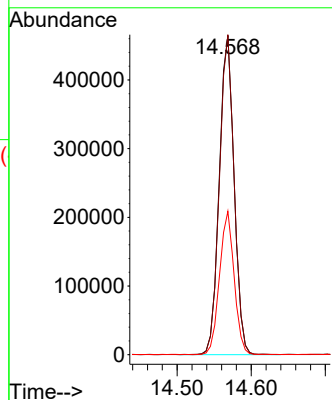
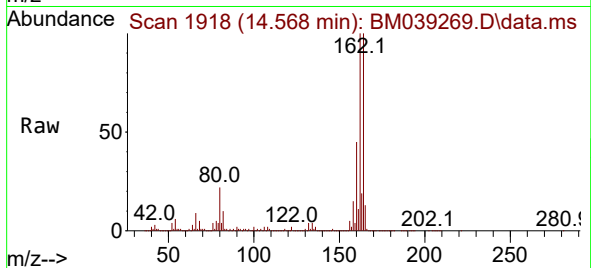




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1919
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

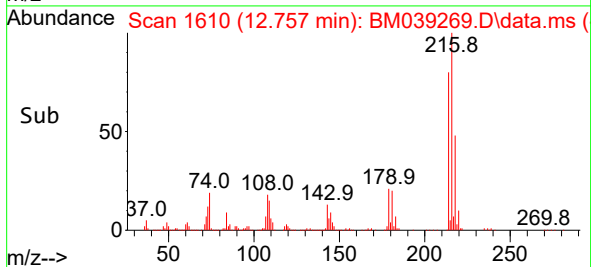
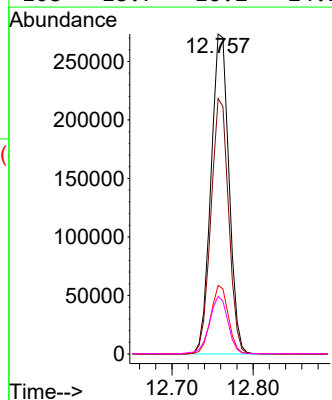
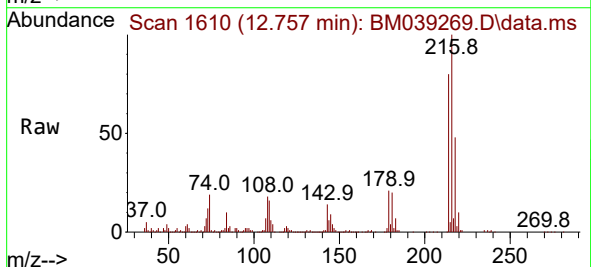
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

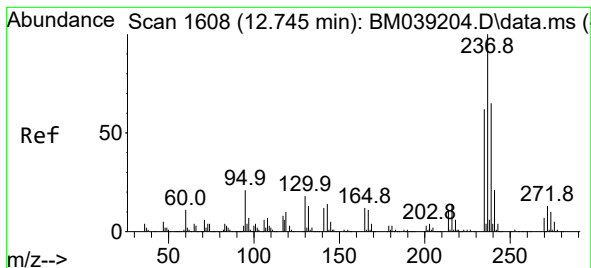
Tgt Ion:164 Resp: 646262
Ion Ratio Lower Upper
164 100
162 100.3 79.1 118.7
160 44.9 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.358 ng
RT: 12.757 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:216 Resp: 420250
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 21.0 16.8 25.2
108 18.7 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 6.397 ng

RT: 12.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

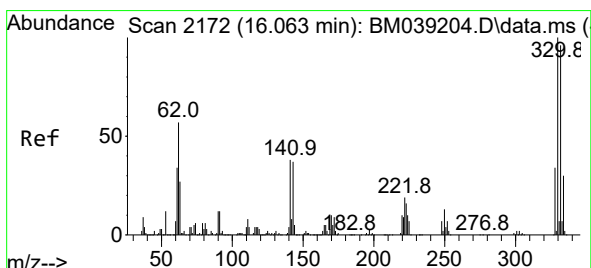
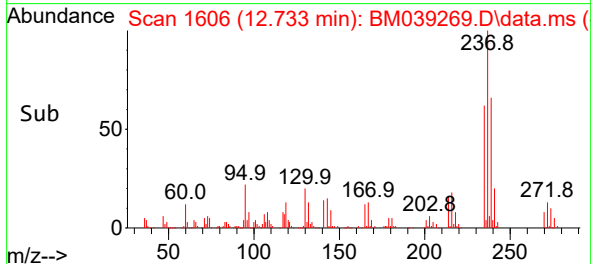
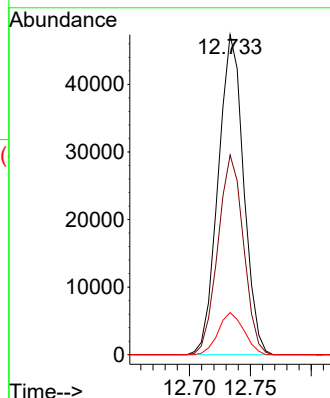
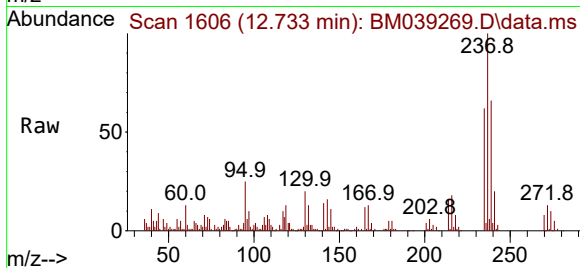
Tgt Ion:237 Resp: 68768

Ion Ratio Lower Upper

237 100

235 62.4 41.6 81.6

272 13.1 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 38.855 ng

RT: 16.057 min Scan# 2171

Delta R.T. -0.000 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

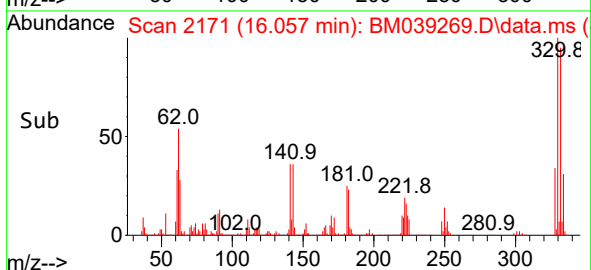
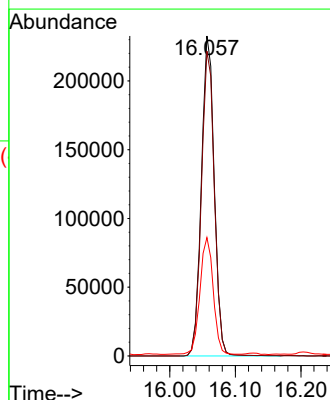
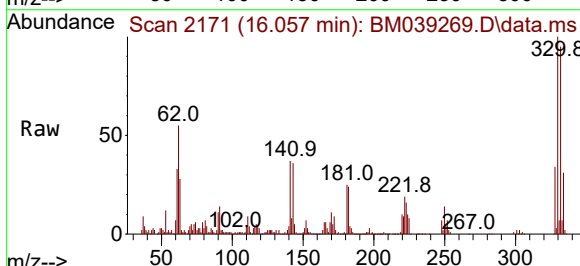
Tgt Ion:330 Resp: 318754

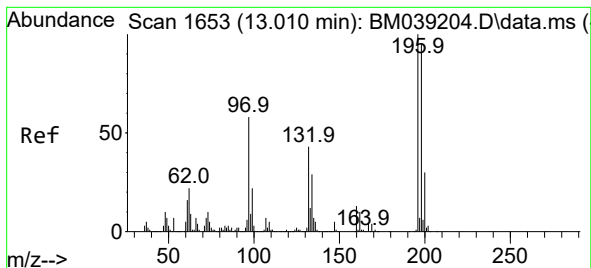
Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.0

141 37.7 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 20.653 ng

RT: 13.004 min Scan# 1

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

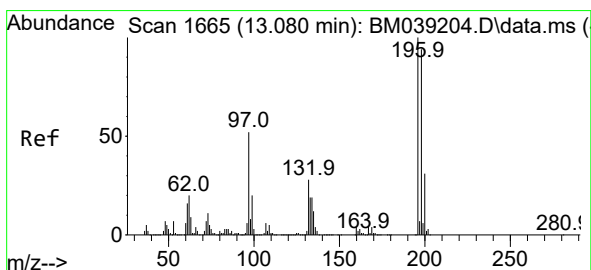
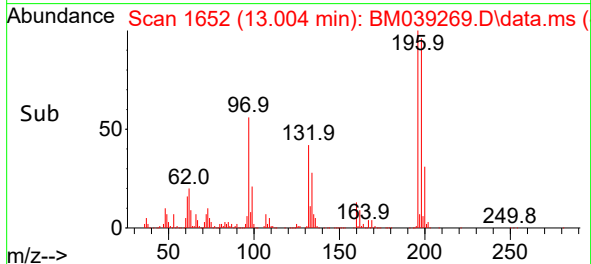
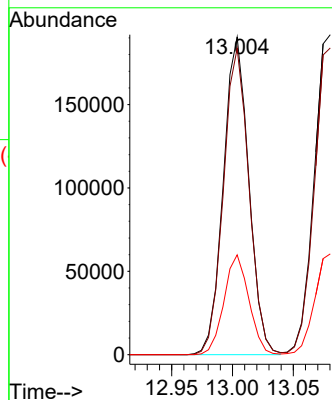
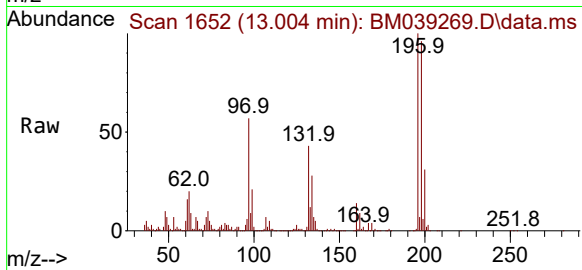
Tgt Ion:196 Resp: 277148

Ion Ratio Lower Upper

196 100

198 96.5 76.2 114.2

200 31.4 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 18.643 ng

RT: 13.080 min Scan# 1665

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Tgt Ion:196 Resp: 293273

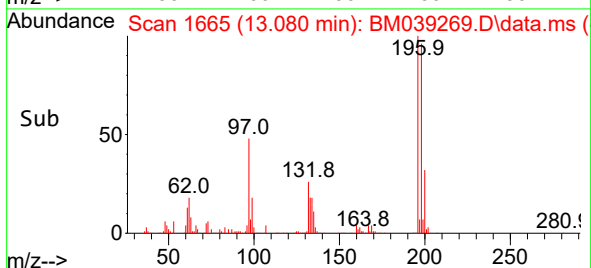
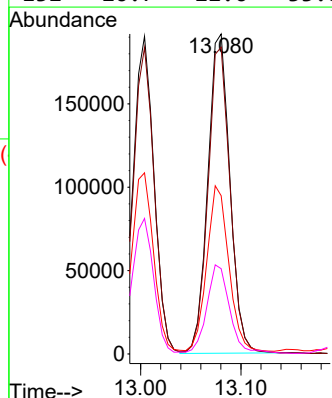
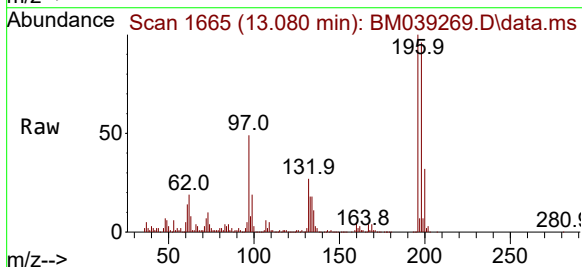
Ion Ratio Lower Upper

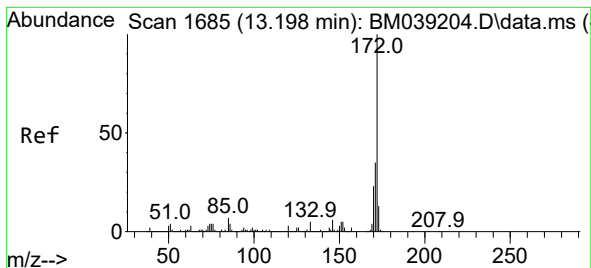
196 100

198 95.8 75.2 112.8

97 49.5 41.4 62.0

132 26.7 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 26.551 ng

RT: 13.192 min Scan# 1

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

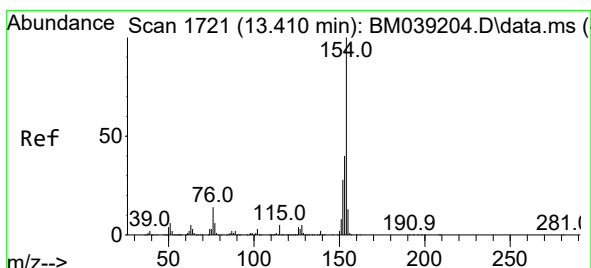
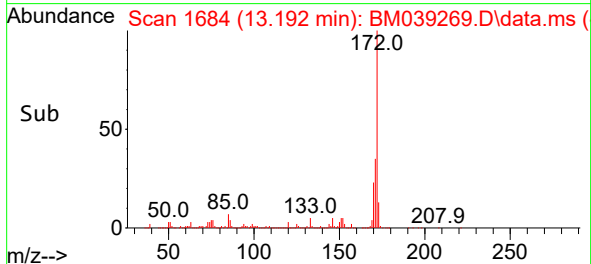
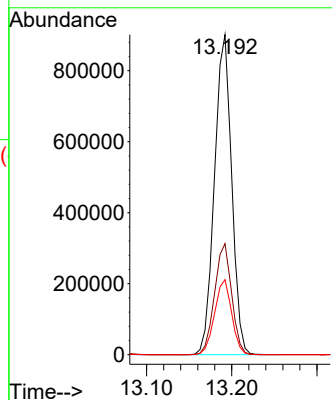
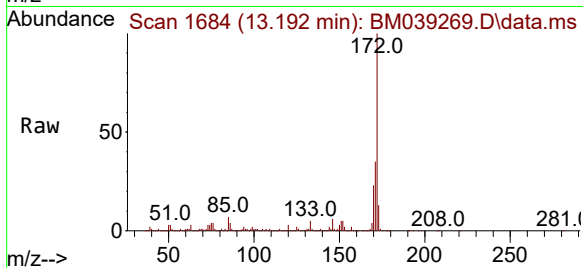
Tgt Ion:172 Resp: 1266429

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 21.203 ng

RT: 13.404 min Scan# 1720

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

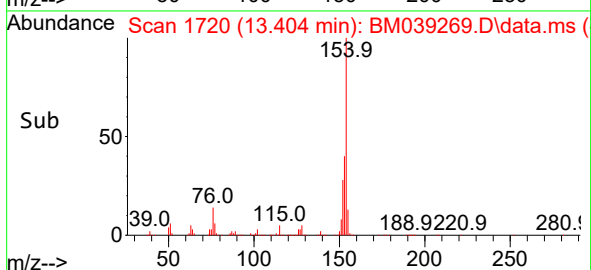
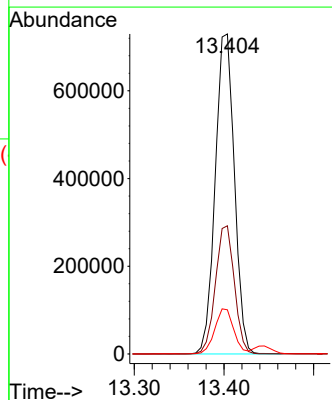
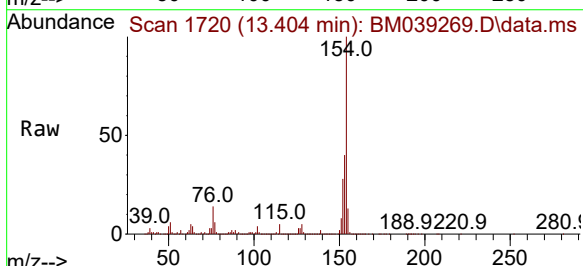
Tgt Ion:154 Resp: 1082053

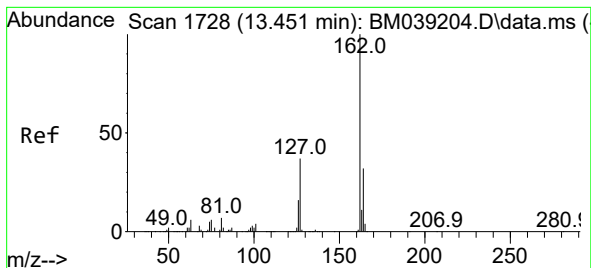
Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

76 13.8 0.0 33.5

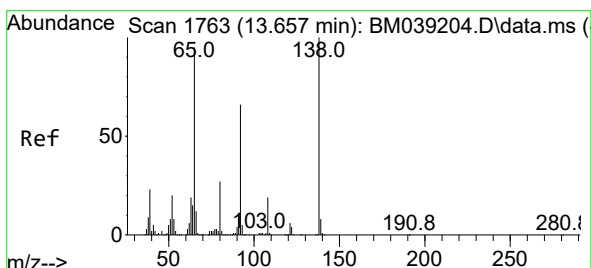
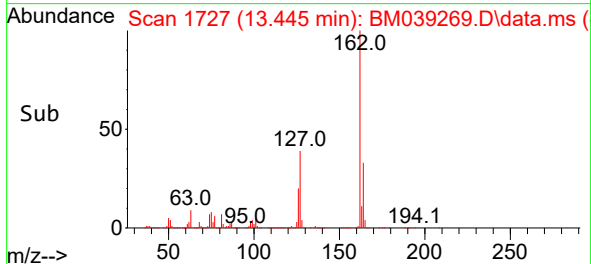
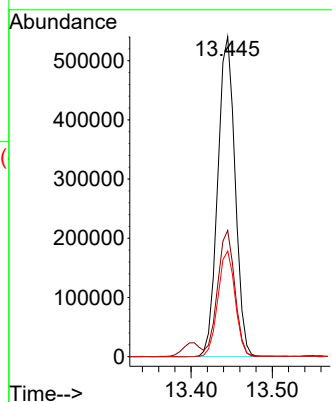
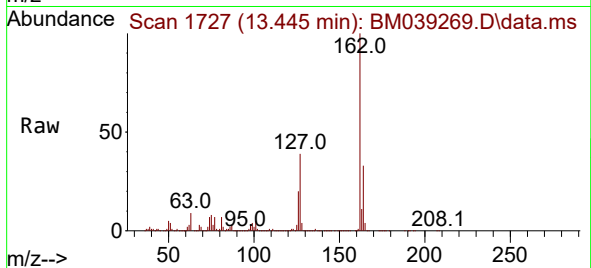




#47
2-Chloronaphthalene
Concen: 20.815 ng
RT: 13.445 min Scan# 1727
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

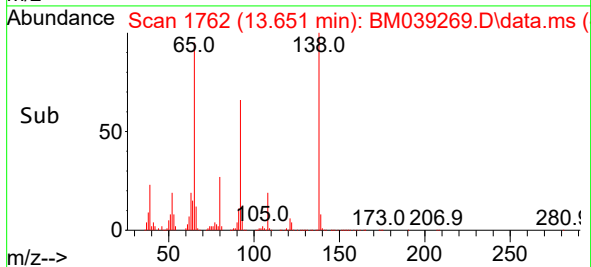
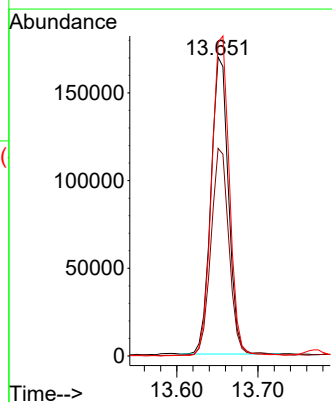
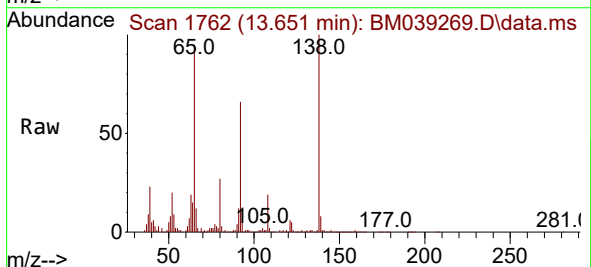
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

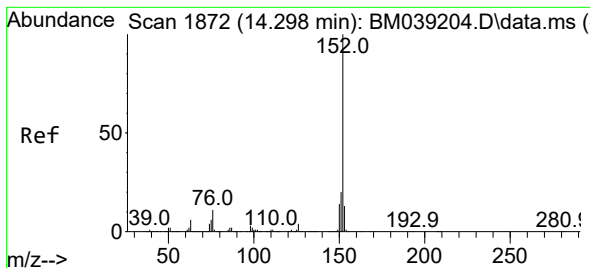
Tgt Ion:162 Resp: 804331
Ion Ratio Lower Upper
162 100
127 39.5 31.4 47.0
164 33.1 25.7 38.5



#48
2-Nitroaniline
Concen: 19.513 ng
RT: 13.651 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion: 65 Resp: 253740
Ion Ratio Lower Upper
65 100
92 69.5 55.7 83.5
138 105.0 84.5 126.7





#49

Acenaphthylene

Concen: 28.335 ng

RT: 14.292 min Scan# 1871

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

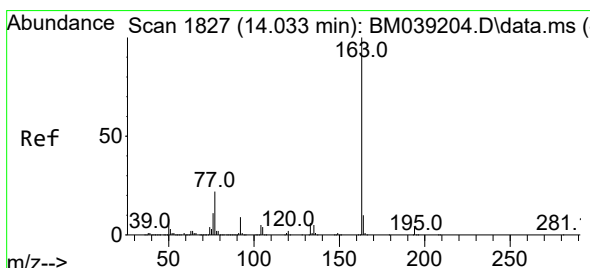
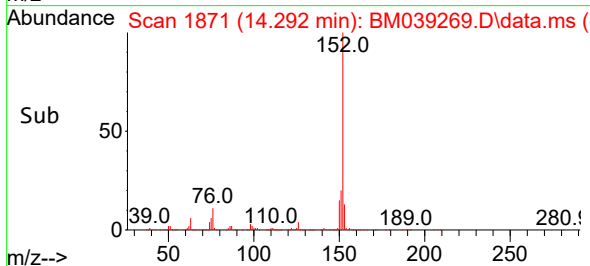
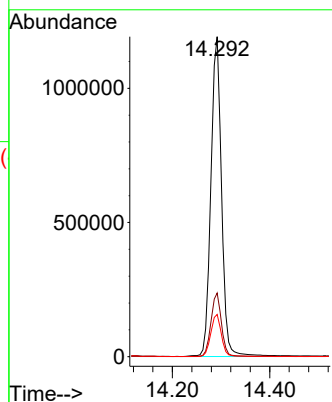
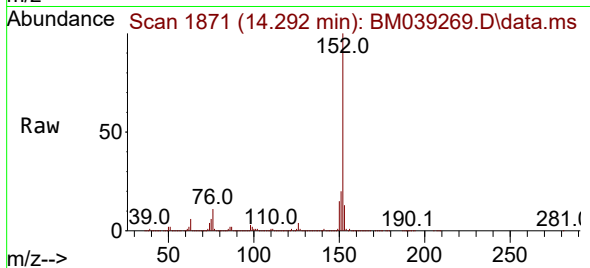
Tgt Ion:152 Resp: 1799533

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 19.039 ng

RT: 14.027 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

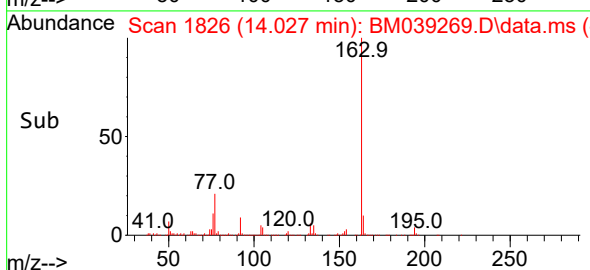
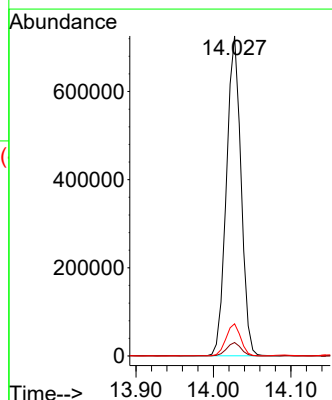
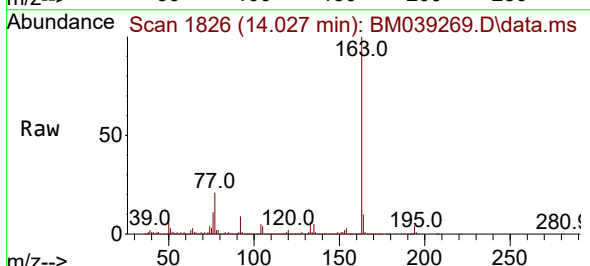
Tgt Ion:163 Resp: 948223

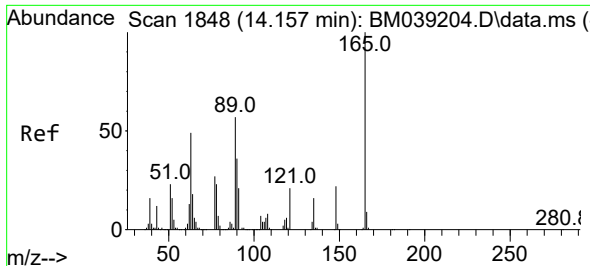
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 18.096 ng

RT: 14.151 min Scan# 11

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

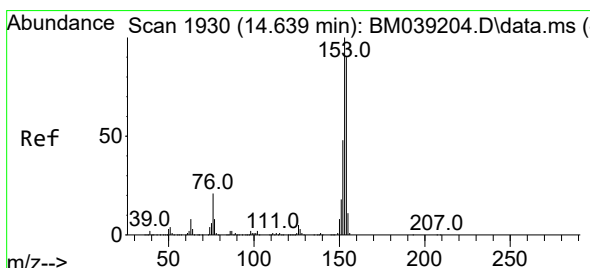
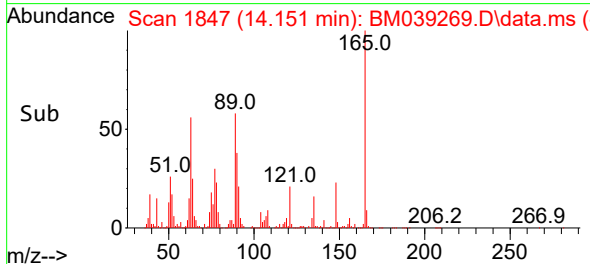
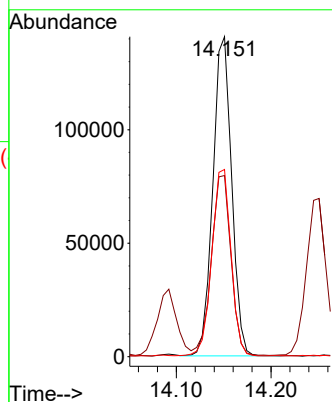
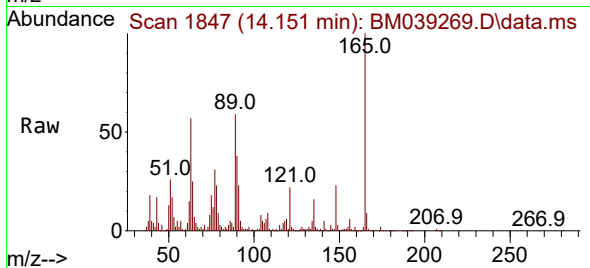
Tgt Ion:165 Resp: 193813

Ion Ratio Lower Upper

165 100

63 56.6 44.9 67.3

89 58.5 45.4 68.0



#52

Acenaphthene

Concen: 23.144 ng

RT: 14.633 min Scan# 1929

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

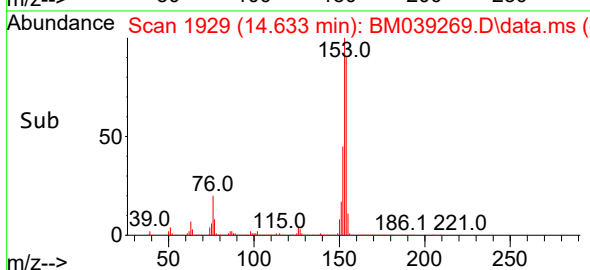
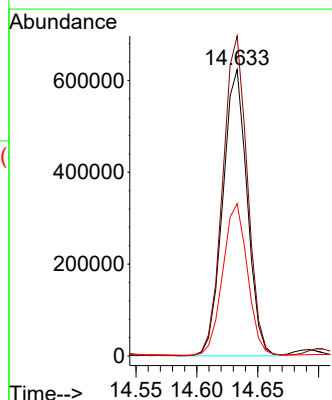
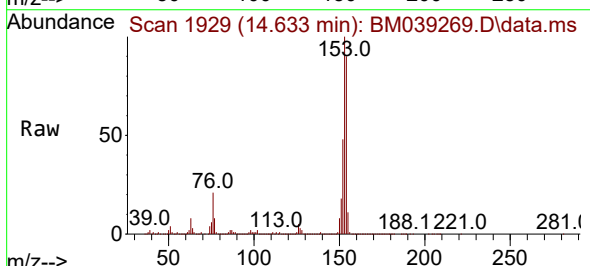
Tgt Ion:154 Resp: 867936

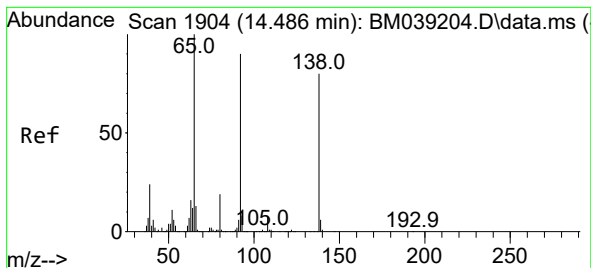
Ion Ratio Lower Upper

154 100

153 111.7 89.1 133.7

152 53.2 42.6 64.0

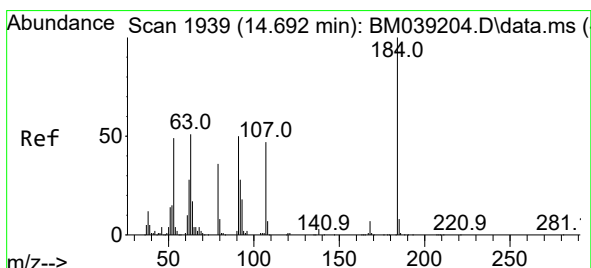
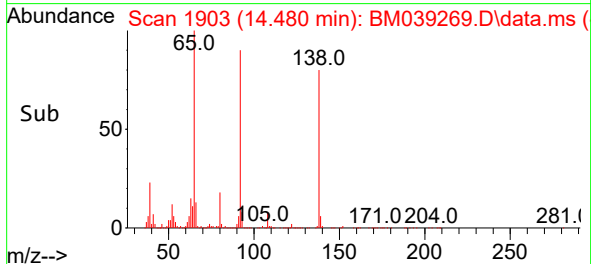
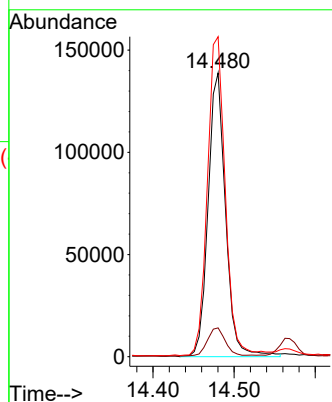
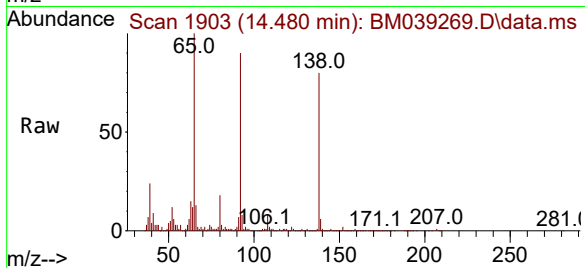




#53
3-Nitroaniline
Concen: 16.764 ng
RT: 14.480 min Scan# 1904
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

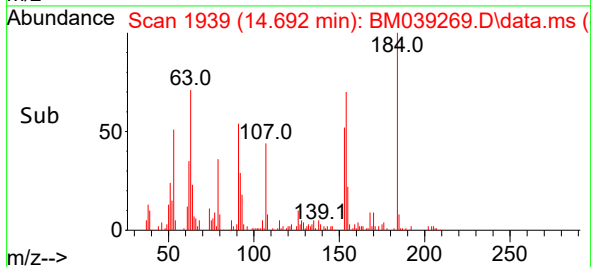
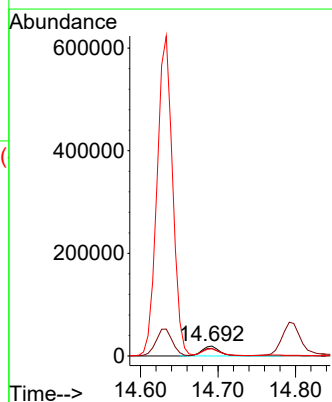
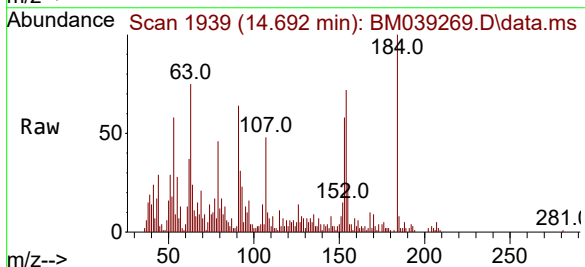
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

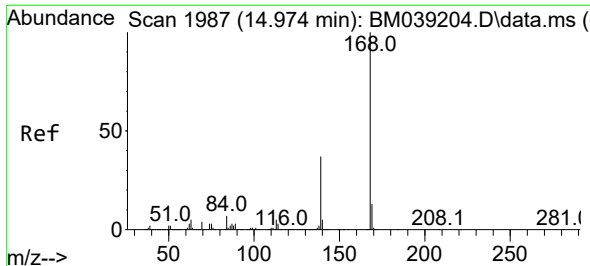
Tgt Ion:138 Resp: 207572
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 112.7 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 4.800 ng
RT: 14.692 min Scan# 1939
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:184 Resp: 30443
Ion Ratio Lower Upper
184 100
63 74.9 56.4 84.6
154 71.9 48.7 73.1

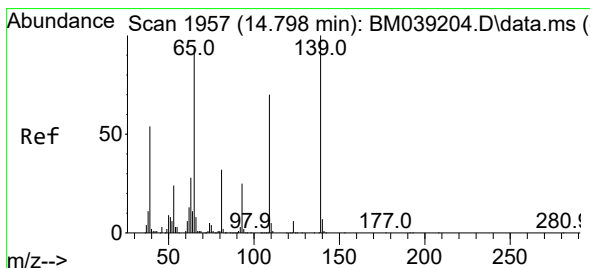
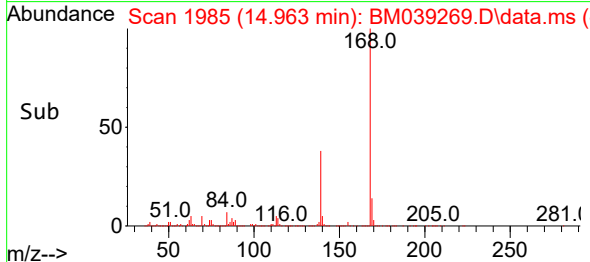
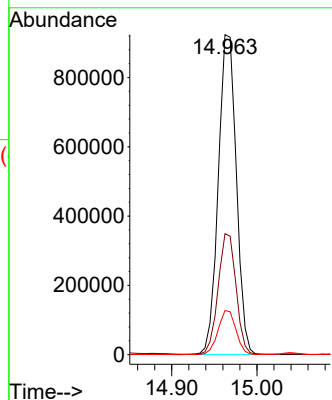
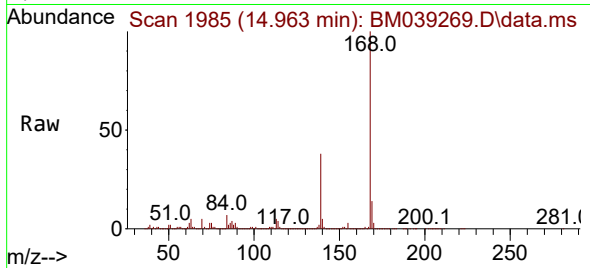




#55
Dibenzenofuran
Concen: 22.484 ng
RT: 14.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

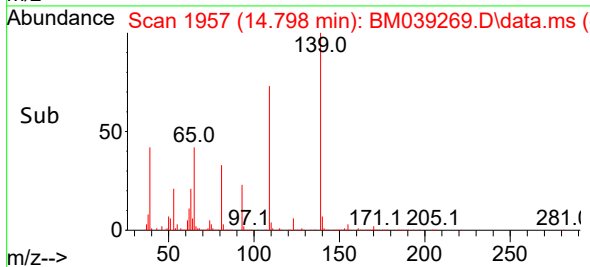
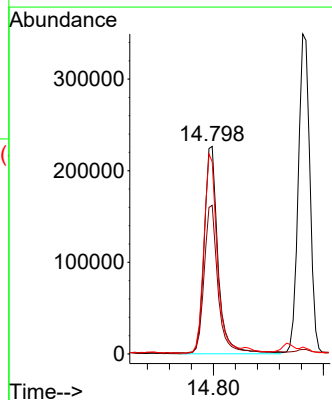
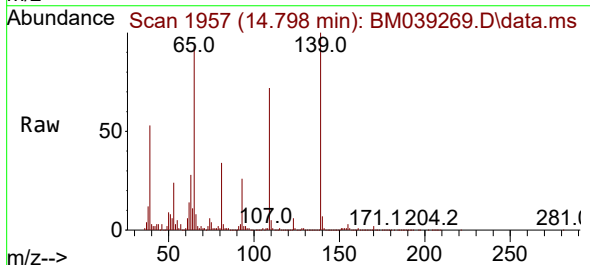
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

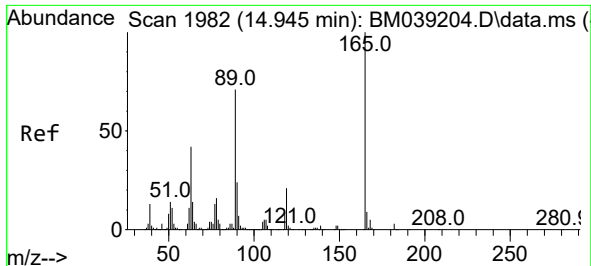
Tgt Ion:168 Resp: 1357438
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.2
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 41.043 ng
RT: 14.798 min Scan# 1957
Delta R.T. 0.011 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:139 Resp: 391875
Ion Ratio Lower Upper
139 100
109 71.6 49.6 89.6
65 92.6 72.9 112.9





#57

2,4-Dinitrotoluene

Concen: 17.892 ng

RT: 14.939 min Scan# 1982

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

Tgt Ion:165 Resp: 259235

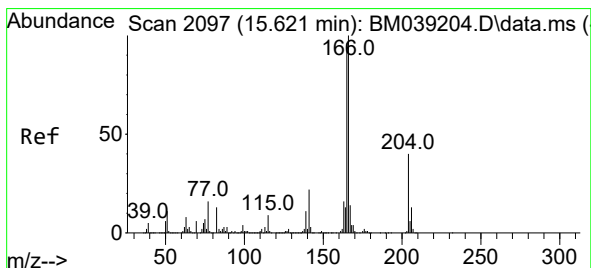
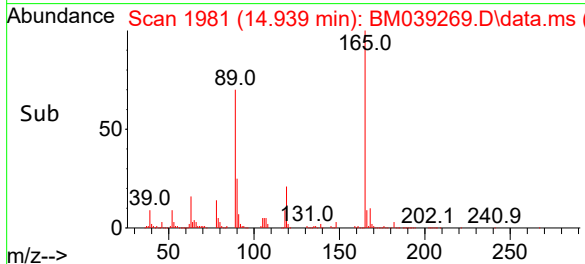
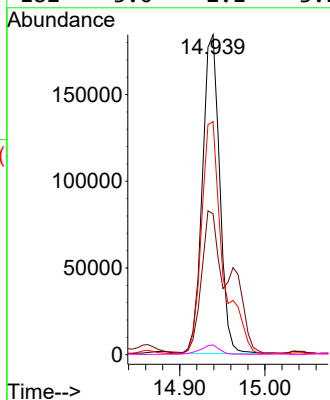
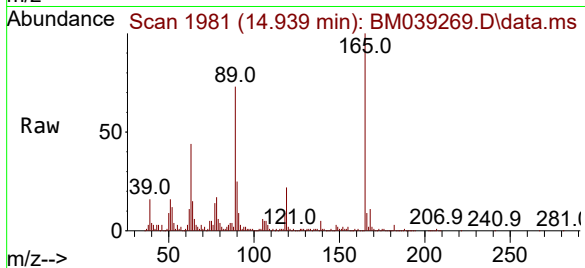
Ion Ratio Lower Upper

165 100

63 44.1 33.5 50.3

89 72.9 56.7 85.1

182 3.0 2.1 3.1



#58

Fluorene

Concen: 26.053 ng

RT: 15.615 min Scan# 2096

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

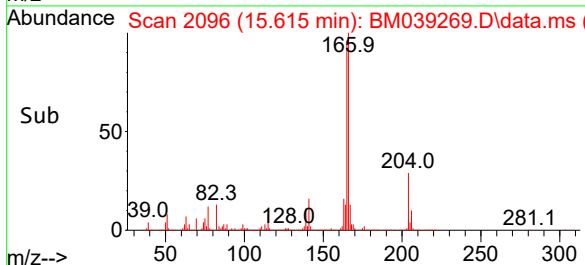
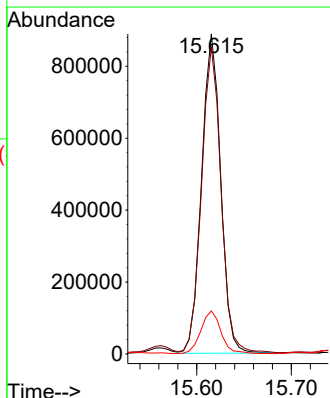
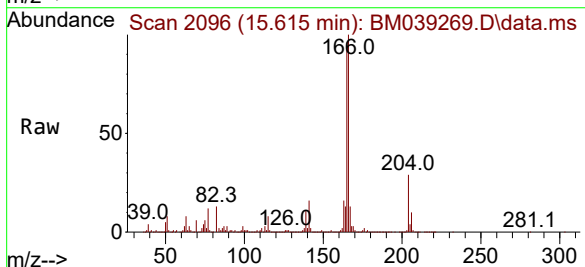
Tgt Ion:166 Resp: 1245536

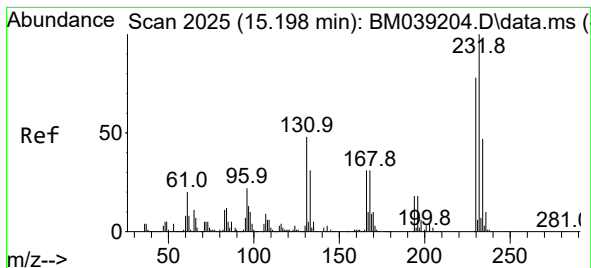
Ion Ratio Lower Upper

166 100

165 96.0 76.9 115.3

167 13.5 10.8 16.2

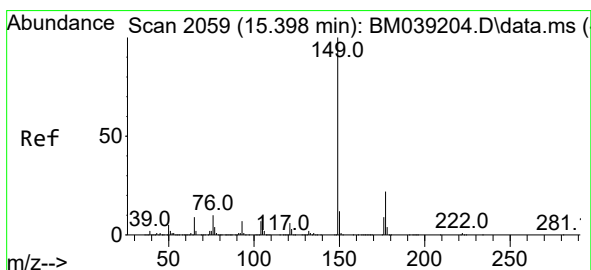
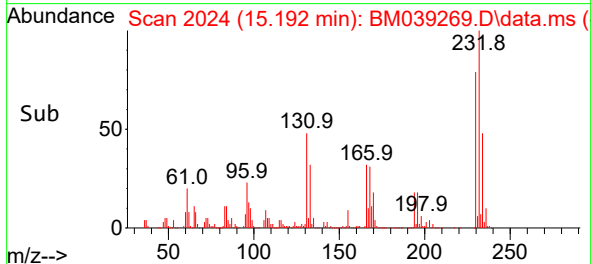
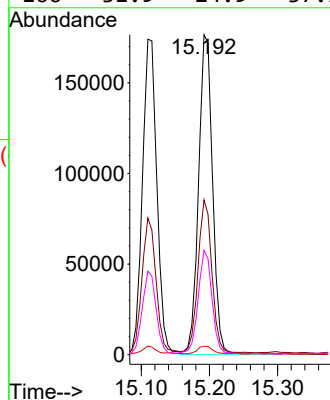
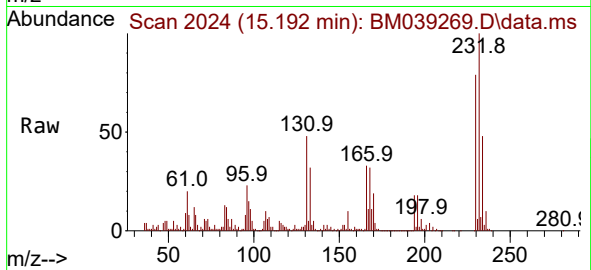




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.170 ng
RT: 15.192 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

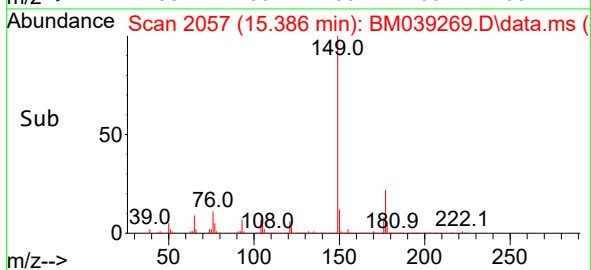
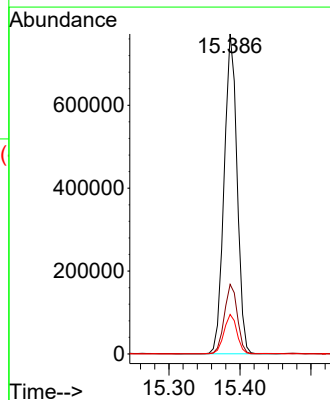
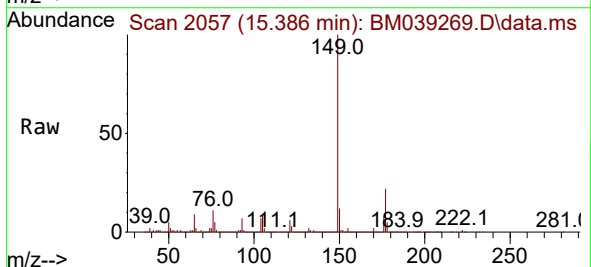
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

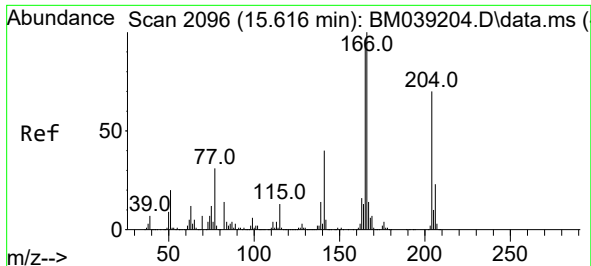
Tgt Ion:232 Resp: 252426
Ion Ratio Lower Upper
232 100
131 47.3 37.7 56.5
130 2.8 1.9 2.9
166 31.9 24.9 37.3



#60
Diethylphthalate
Concen: 19.395 ng
RT: 15.386 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:149 Resp: 972261
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 12.4 9.8 14.6

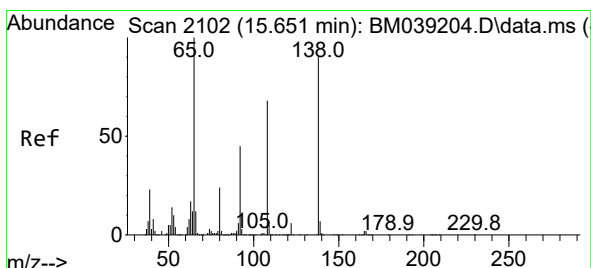
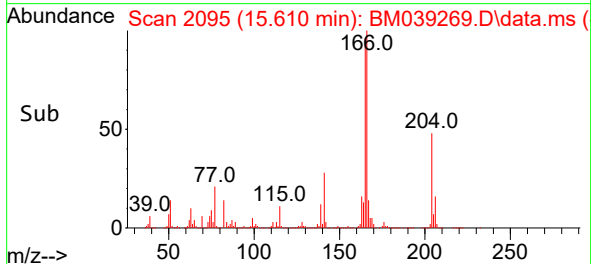
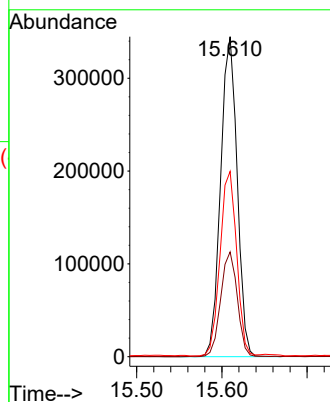
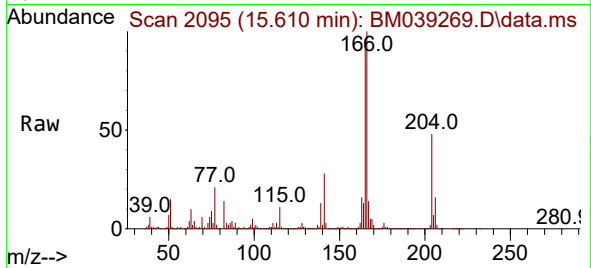




#61
4-Chlorophenyl-phenylether
Concen: 19.602 ng
RT: 15.610 min Scan# 2096
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

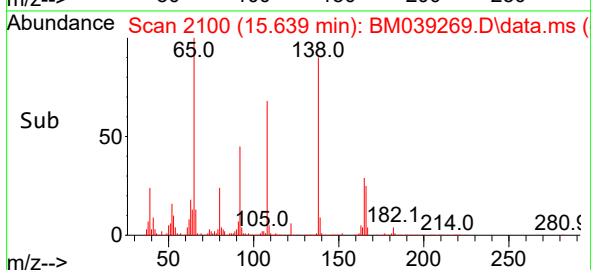
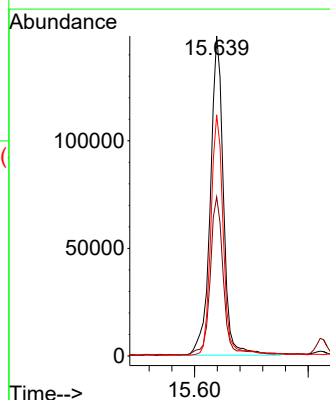
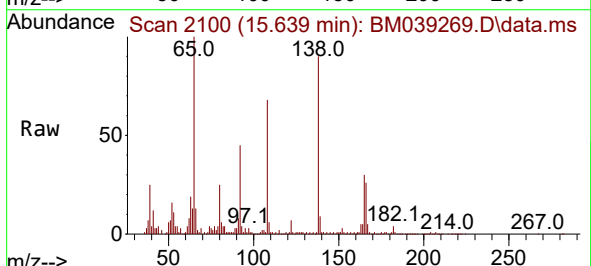
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

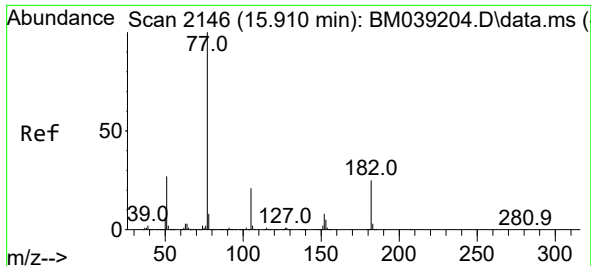
Tgt Ion:204 Resp: 464431
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 57.9 45.8 68.6



#62
4-Nitroaniline
Concen: 18.652 ng
RT: 15.639 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:138 Resp: 236989
Ion Ratio Lower Upper
138 100
92 49.7 30.5 70.5
108 75.3 55.5 95.5

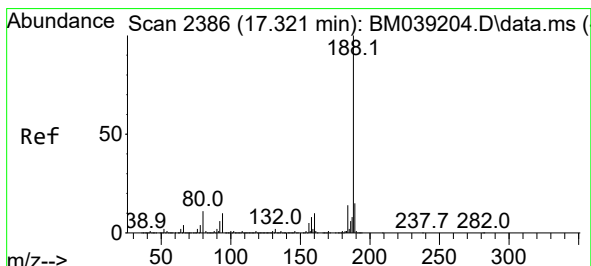
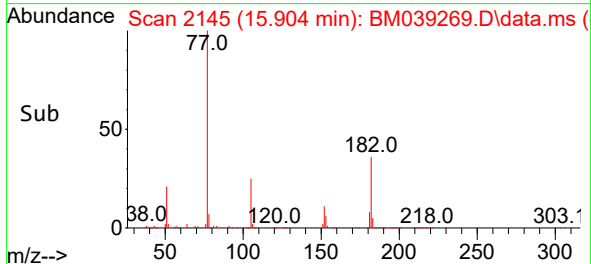
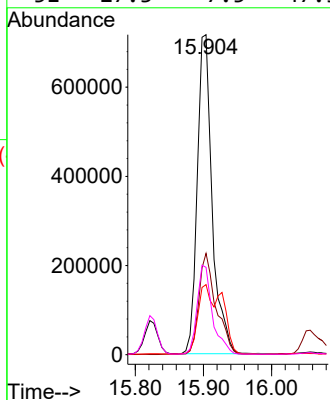
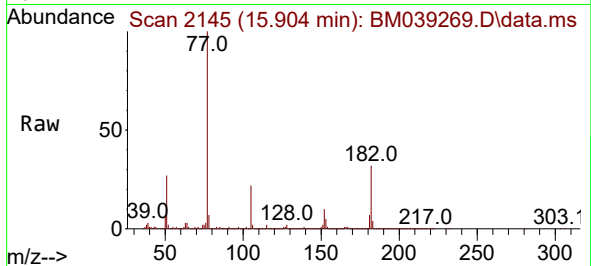




#63
Azobenzene
Concen: 21.737 ng
RT: 15.904 min Scan# 2145
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

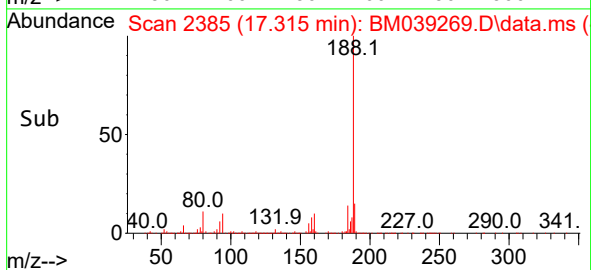
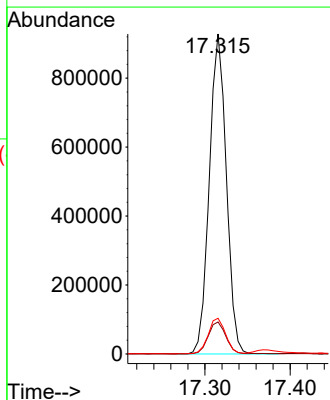
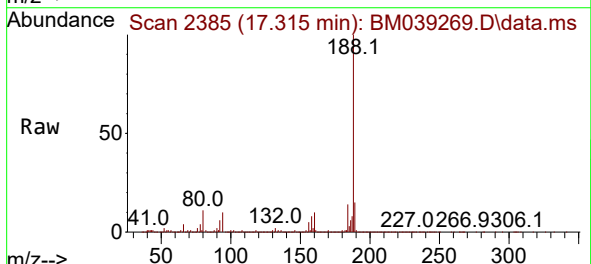
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

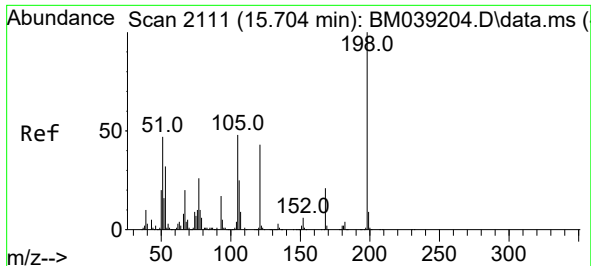
Tgt Ion: 77 Resp: 1091732
Ion Ratio Lower Upper
77 100
182 31.7 4.8 44.8
105 21.9 1.4 41.4
51 27.3 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2385
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion: 188 Resp: 1286681
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.4
80 11.1 8.9 13.3

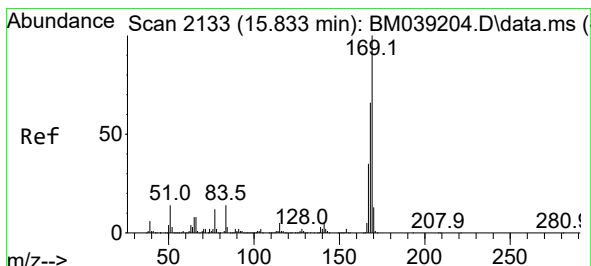
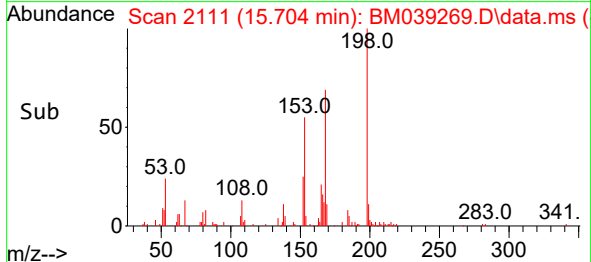
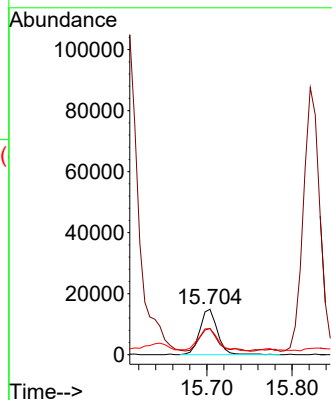
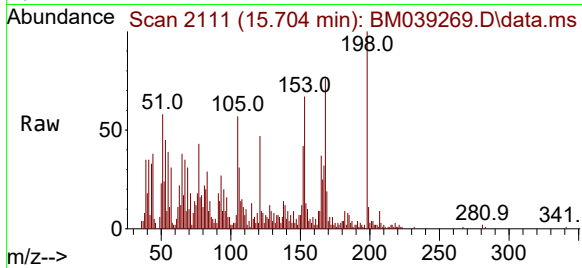




#65
4,6-Dinitro-2-methylphenol
Concen: 2.523 ng
RT: 15.704 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

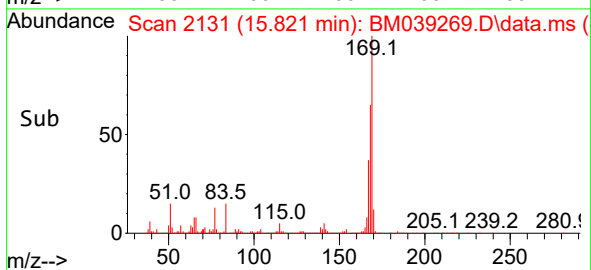
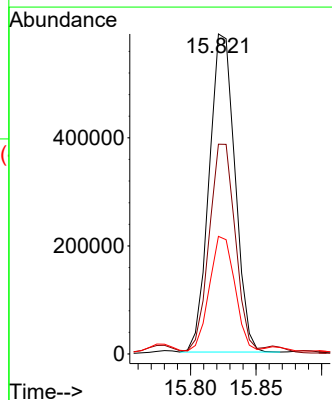
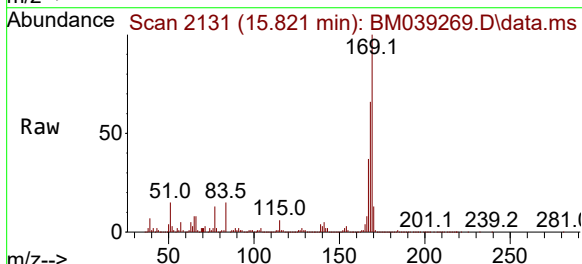
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

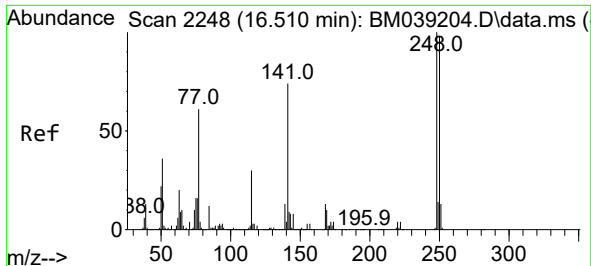
Tgt Ion:198 Resp: 21355
Ion Ratio Lower Upper
198 100
51 57.7 28.9 68.9
105 57.3 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 19.895 ng
RT: 15.821 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:169 Resp: 806671
Ion Ratio Lower Upper
169 100
168 65.6 52.8 79.2
167 36.8 28.4 42.6

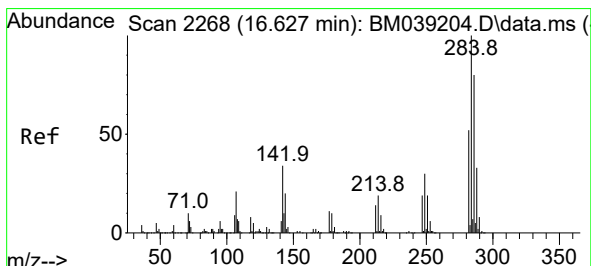
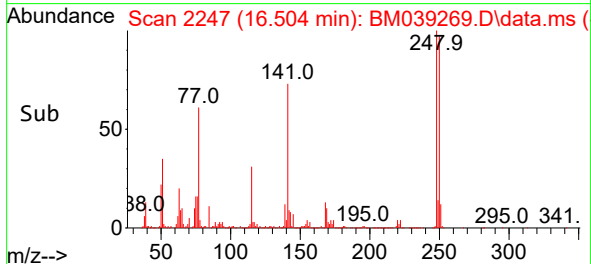
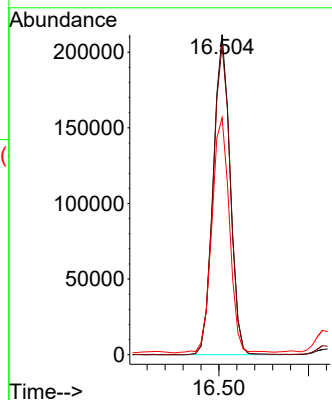
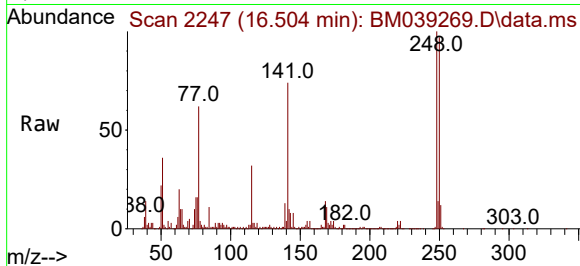




#67
4-Bromophenyl-phenylether
Concen: 20.125 ng
RT: 16.504 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

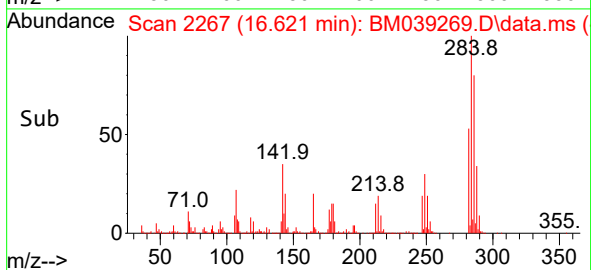
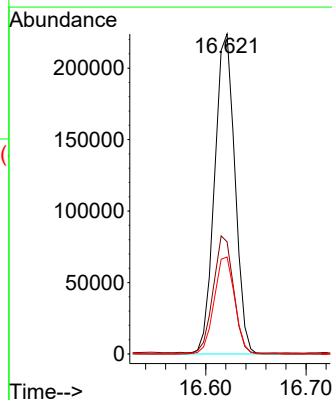
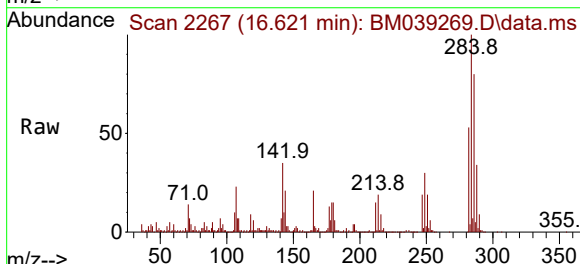
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

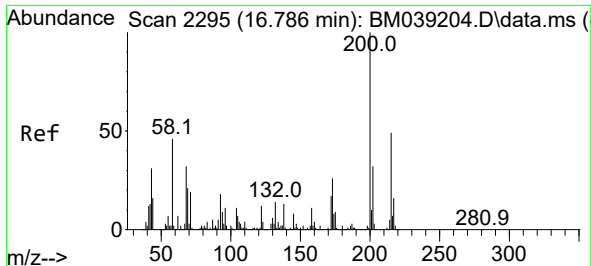
Tgt Ion:248 Resp: 276544
Ion Ratio Lower Upper
248 100
250 96.8 78.8 118.2
141 74.0 58.8 88.2



#68
Hexachlorobenzene
Concen: 21.083 ng
RT: 16.621 min Scan# 2267
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:284 Resp: 314122
Ion Ratio Lower Upper
284 100
142 35.1 27.4 41.2
249 30.3 24.4 36.6

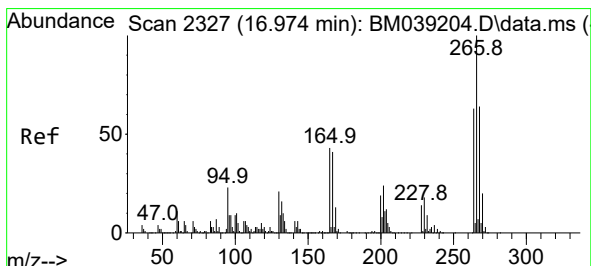
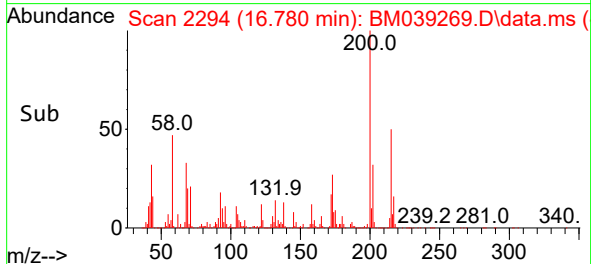
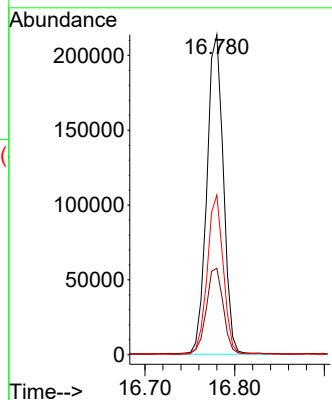
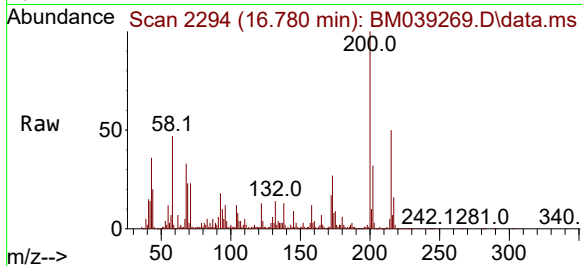




#69
 Atrazine
 Concen: 21.214 ng
 RT: 16.780 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM039269.D
 Acq: 01 Apr 2023 00:56

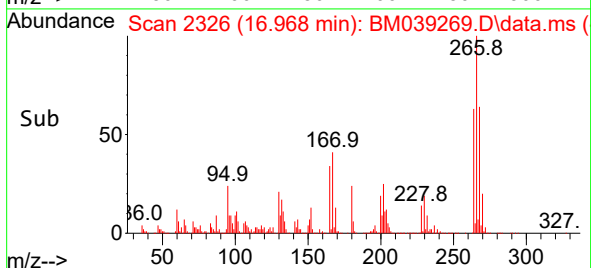
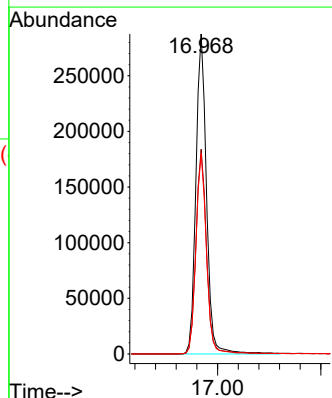
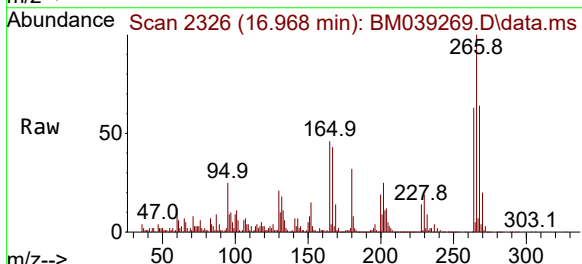
Instrument :
 BNA_M
 ClientSampleId :
 SU-03-033023MS

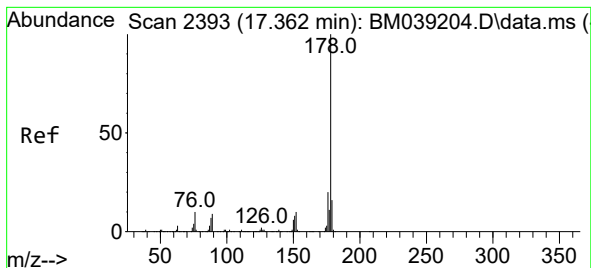
Tgt Ion:200 Resp: 272429
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.4 46.4
 215 49.9 28.9 68.9



#70
 Pentachlorophenol
 Concen: 38.219 ng
 RT: 16.968 min Scan# 2326
 Delta R.T. 0.005 min
 Lab File: BM039269.D
 Acq: 01 Apr 2023 00:56

Tgt Ion:266 Resp: 408541
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.4 77.2
 264 62.6 50.2 75.4





#71

Phenanthrene

Concen: 65.692 ng

RT: 17.362 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

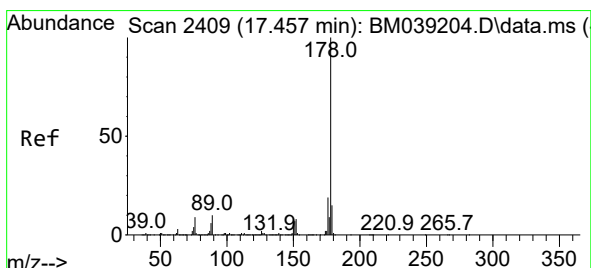
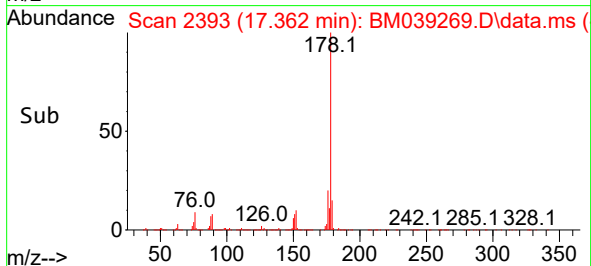
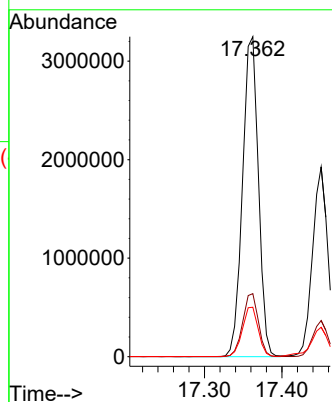
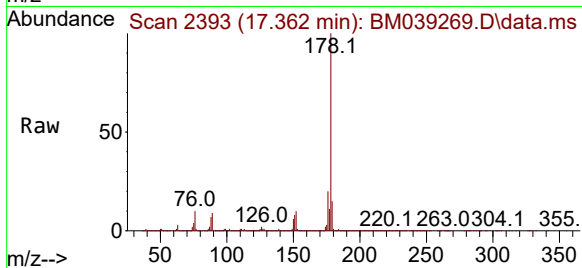
Tgt Ion:178 Resp: 4629297

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 15.5 12.4 18.6



#72

Anthracene

Concen: 36.400 ng

RT: 17.451 min Scan# 2408

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

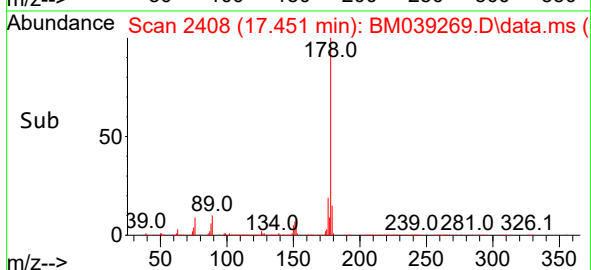
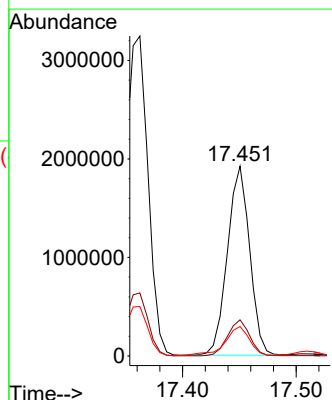
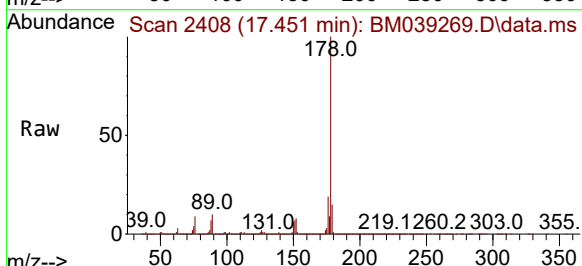
Tgt Ion:178 Resp: 2615559

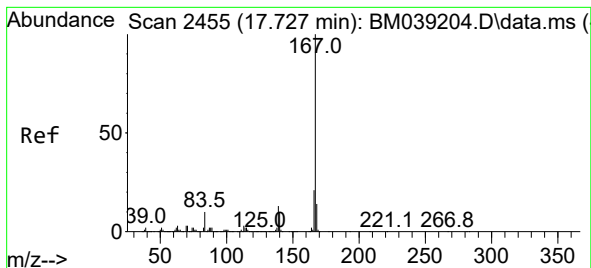
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.5 12.2 18.2





#73

Carbazole

Concen: 25.771 ng

RT: 17.721 min Scan# 2455

Delta R.T. -0.000 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

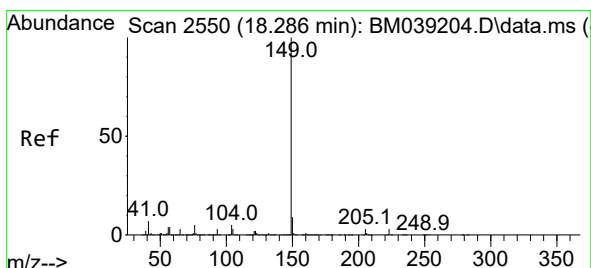
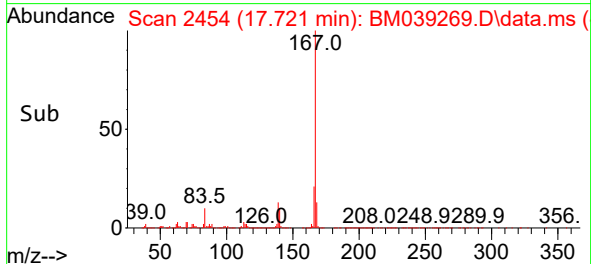
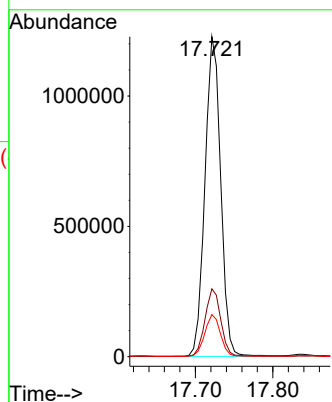
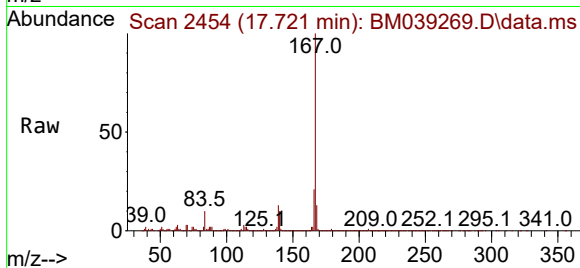
BNA_M

ClientSampleId :

SU-03-033023MS

Tgt Ion:167 Resp: 1730392

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.1	10.6	16.0



#74

Di-n-butylphthalate

Concen: 21.626 ng

RT: 18.280 min Scan# 2549

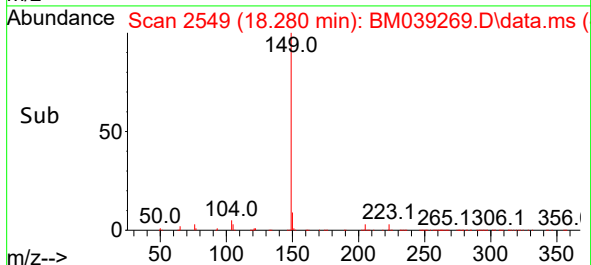
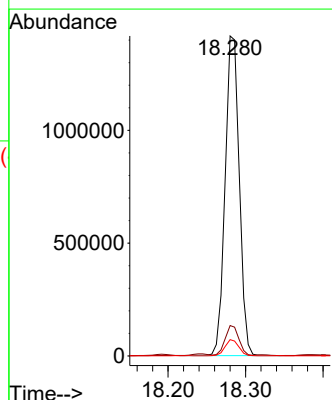
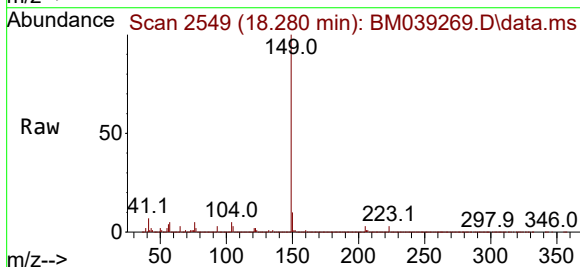
Delta R.T. -0.000 min

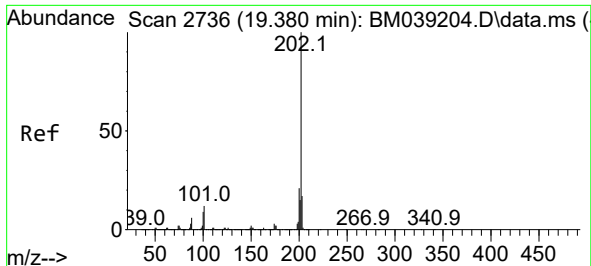
Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Tgt Ion:149 Resp: 1796183

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.1	4.1	6.1

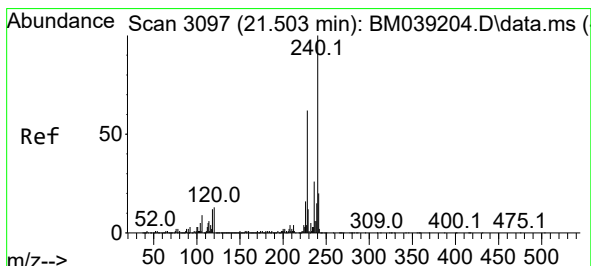
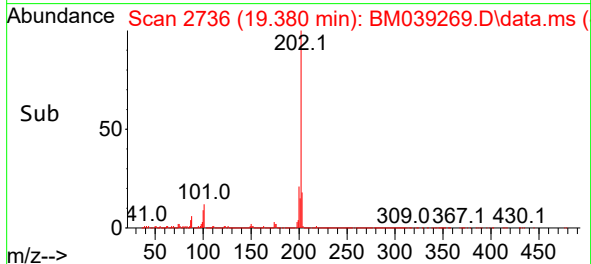
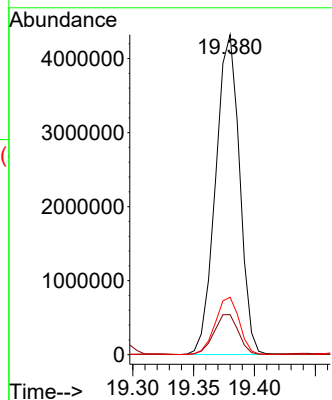
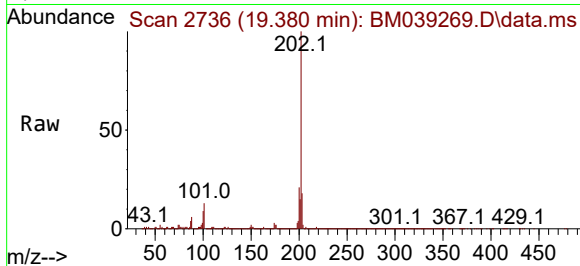




#75
Fluoranthene
Concen: 73.679 ng
RT: 19.380 min Scan# 21
Delta R.T. 0.011 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

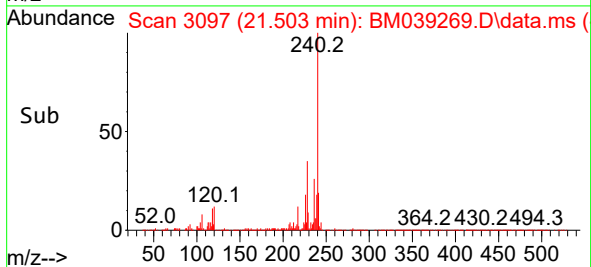
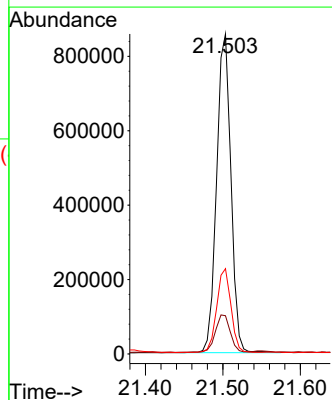
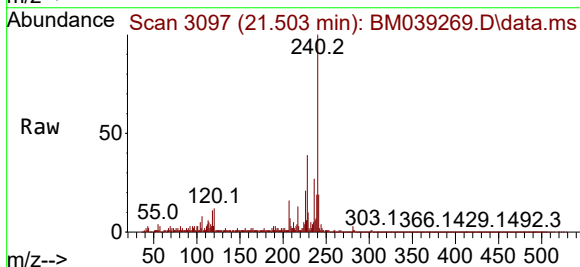
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

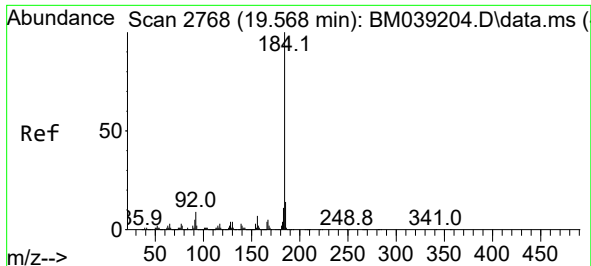
Tgt Ion:202 Resp: 5918619
Ion Ratio Lower Upper
202 100
101 12.5 0.0 32.5
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3097
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:240 Resp: 1097806
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.2
236 26.7 20.9 31.3

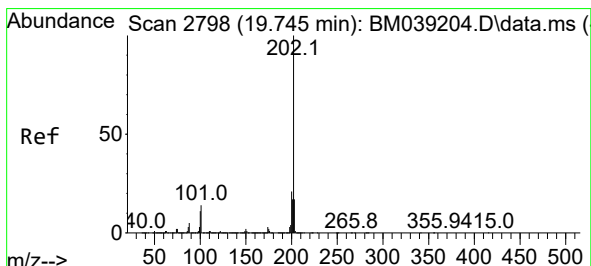
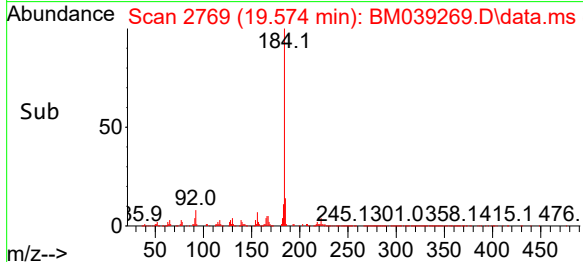
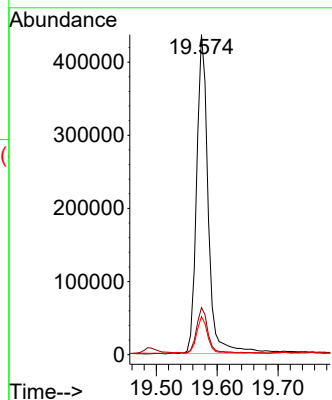
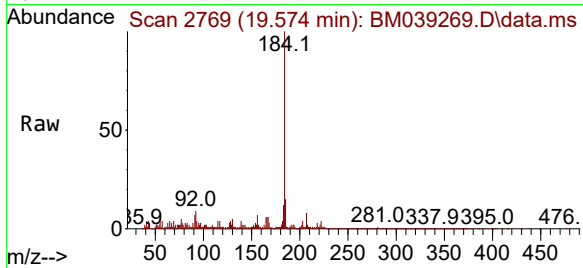




#77
Benzidine
Concen: 20.023 ng
RT: 19.574 min Scan# 21
Delta R.T. 0.017 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

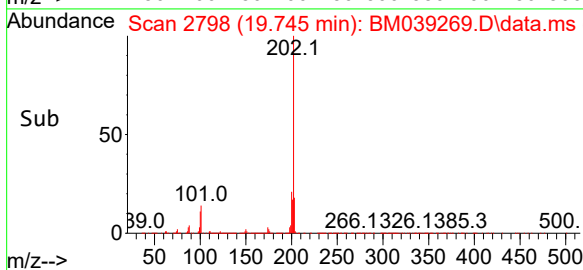
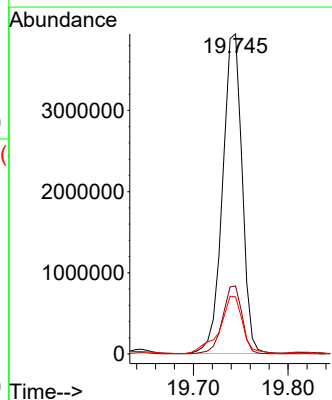
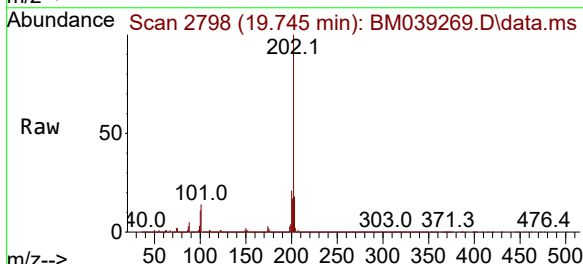
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

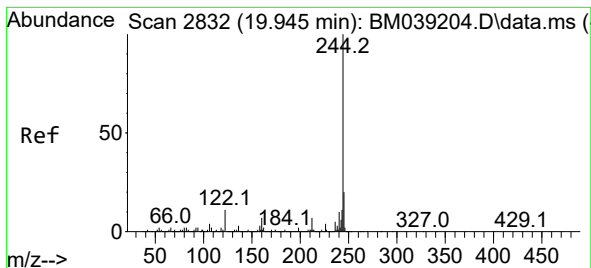
Tgt Ion:184 Resp: 579799
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 11.9 9.0 13.4



#78
Pyrene
Concen: 72.161 ng
RT: 19.745 min Scan# 2798
Delta R.T. 0.011 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:202 Resp: 5639555
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.9 13.9 20.9





#79

Terphenyl-d14

Concen: 29.085 ng

RT: 19.939 min Scan# 2

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

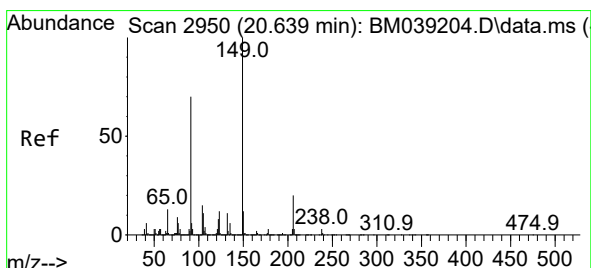
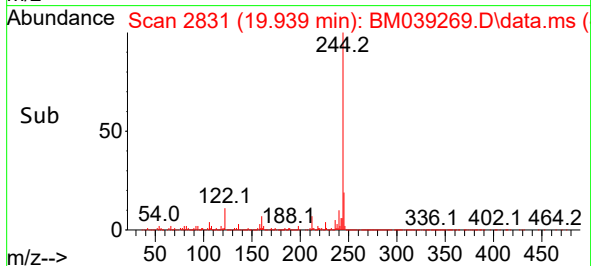
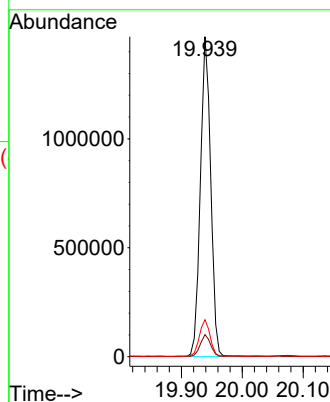
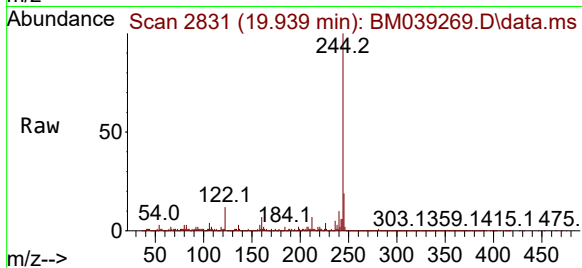
Tgt Ion:244 Resp: 1728236

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.6 9.1 13.7



#80

Butylbenzylphthalate

Concen: 21.724 ng

RT: 20.633 min Scan# 2949

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

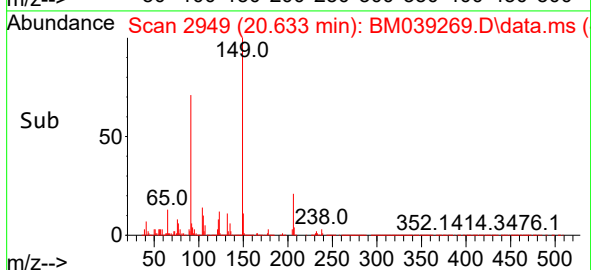
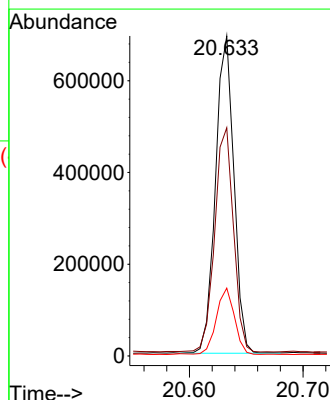
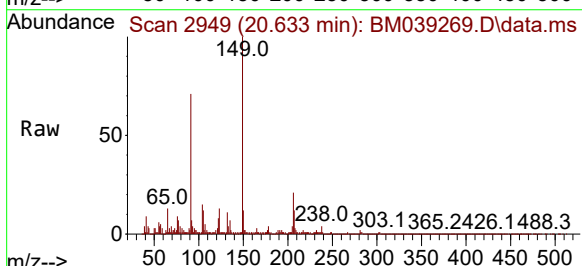
Tgt Ion:149 Resp: 777800

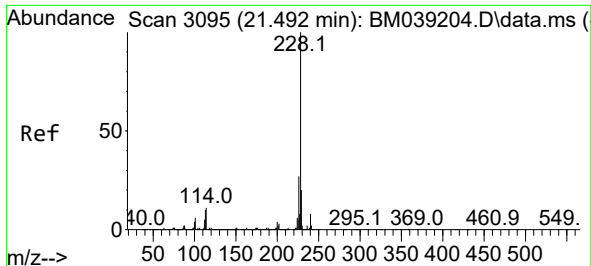
Ion Ratio Lower Upper

149 100

91 71.3 56.3 84.5

206 21.2 16.4 24.6

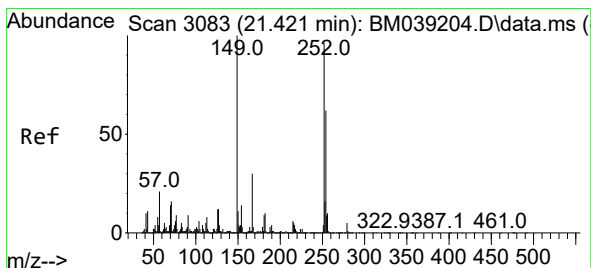
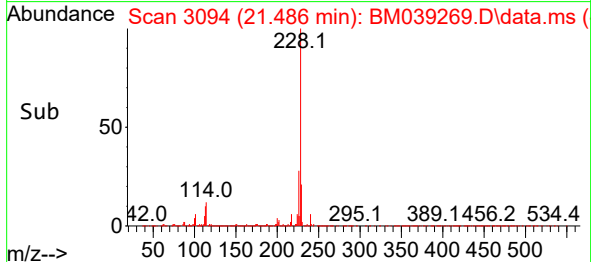
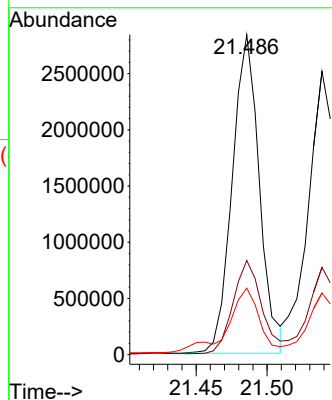
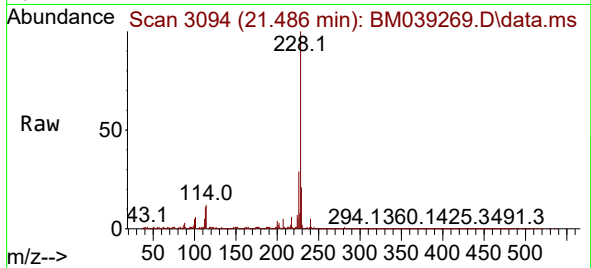




#81
Benzo(a)anthracene
Concen: 48.575 ng
RT: 21.486 min Scan# 3094
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

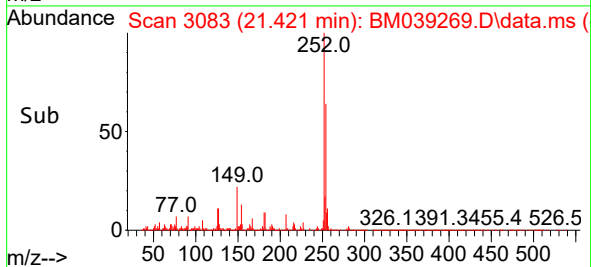
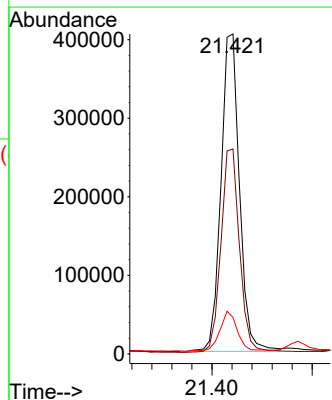
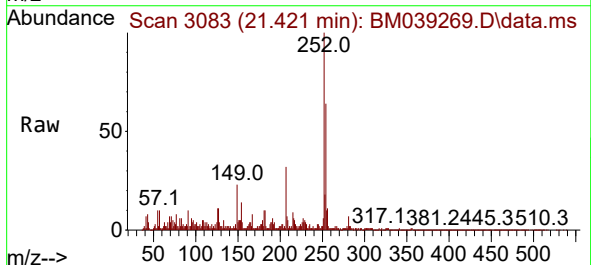
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

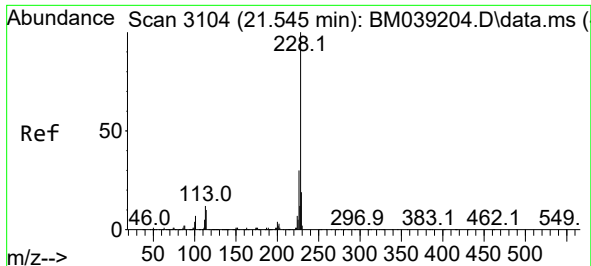
Tgt Ion:228 Resp: 3760883
Ion Ratio Lower Upper
228 100
226 29.4 21.9 32.9
229 20.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 20.039 ng
RT: 21.421 min Scan# 3083
Delta R.T. 0.005 min
Lab File: BM039269.D
Acq: 01 Apr 2023 00:56

Tgt Ion:252 Resp: 516842
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.8
126 11.4 10.1 15.1





#83

Chrysene

Concen: 44.916 ng

RT: 21.539 min Scan# 3104

Delta R.T. 0.005 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

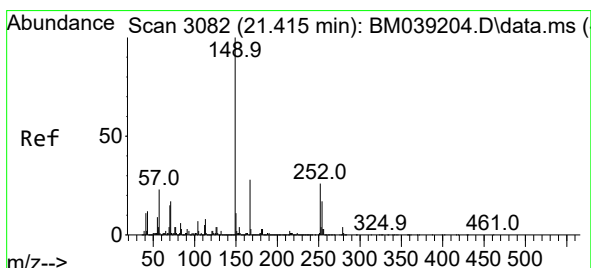
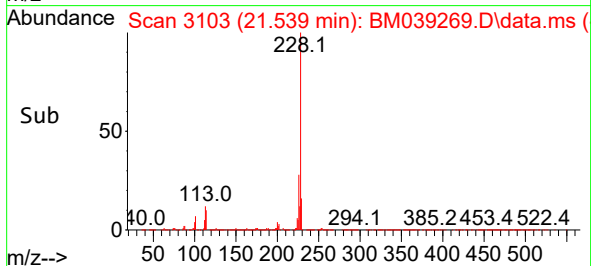
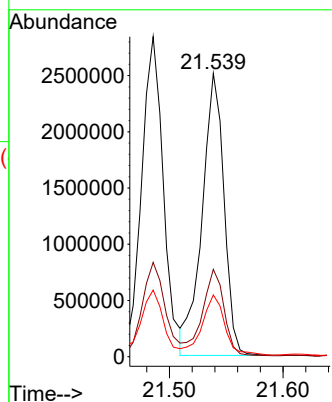
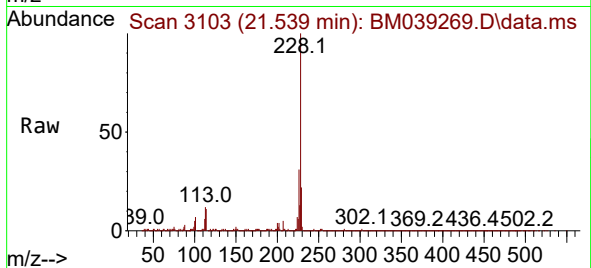
Tgt Ion:228 Resp: 3357132

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

229 21.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.430 ng

RT: 21.403 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

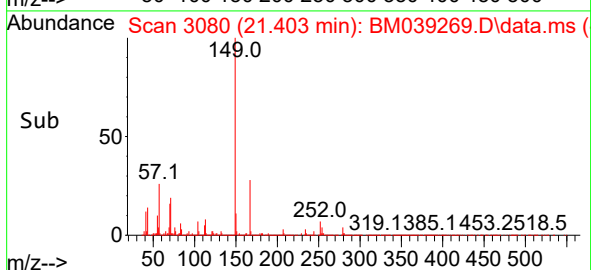
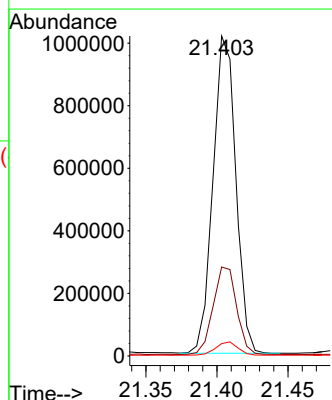
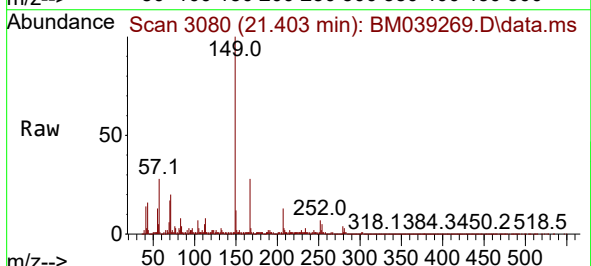
Tgt Ion:149 Resp: 1133170

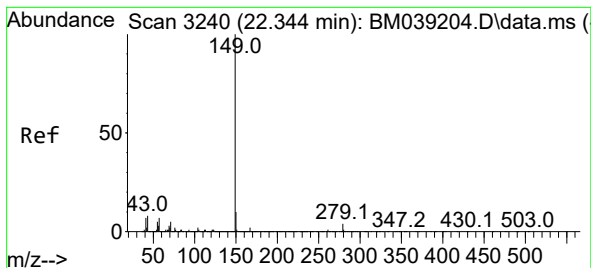
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 3.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 20.548 ng

RT: 22.333 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

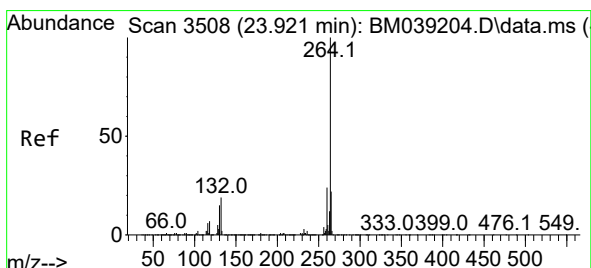
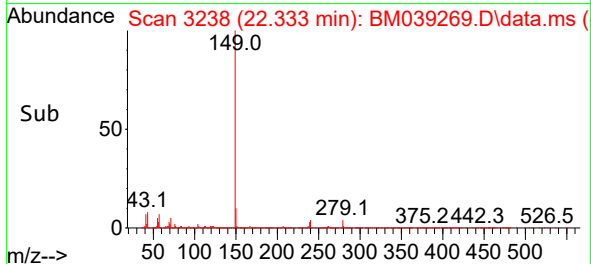
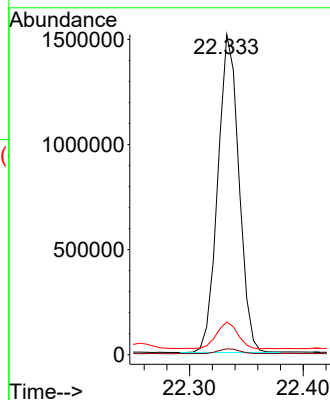
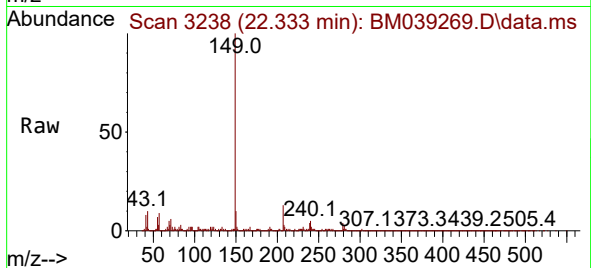
Tgt Ion:149 Resp: 1957614

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.4 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3508

Delta R.T. 0.017 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

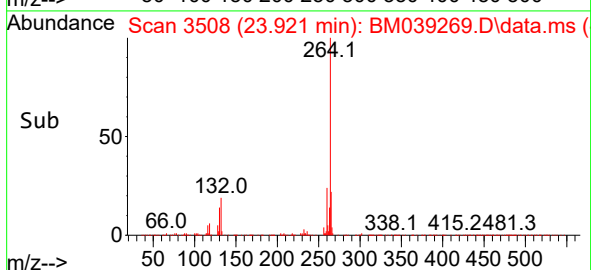
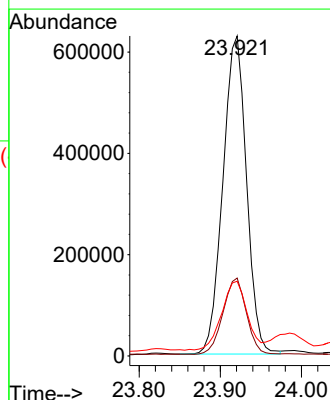
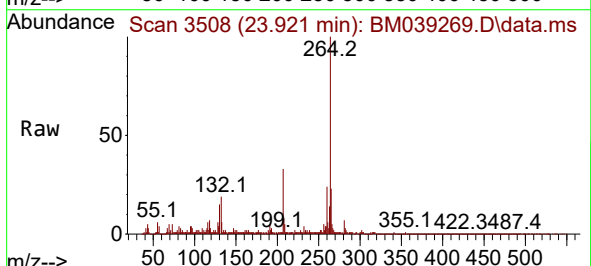
Tgt Ion:264 Resp: 1270536

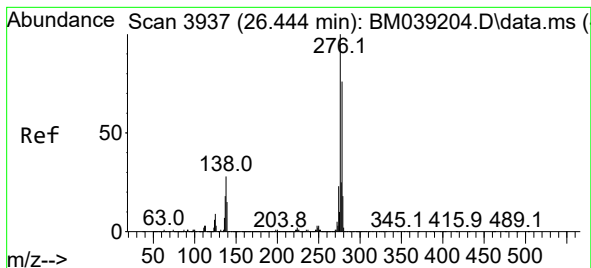
Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 23.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.098 ng

RT: 26.438 min Scan# 3937

Delta R.T. 0.023 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

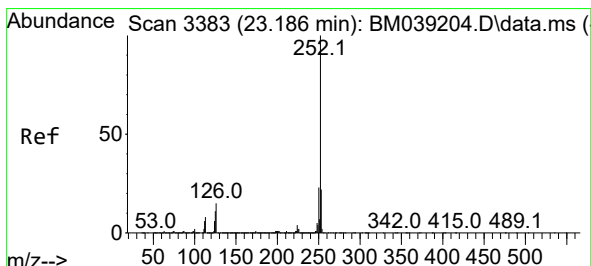
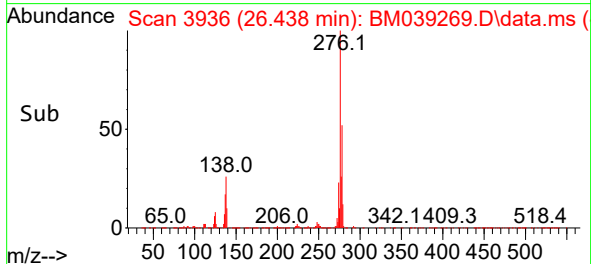
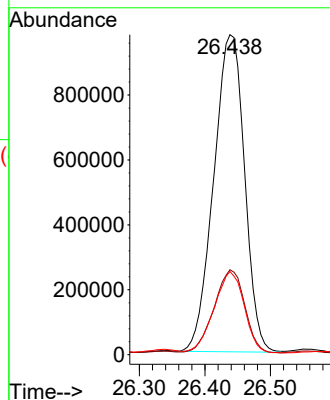
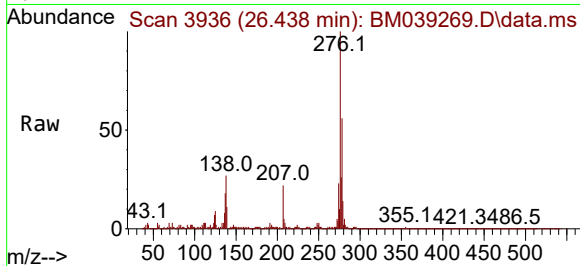
Tgt Ion:276 Resp: 3191983

Ion Ratio Lower Upper

276 100

138 26.2 22.2 33.2

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 52.086 ng

RT: 23.186 min Scan# 3383

Delta R.T. 0.011 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

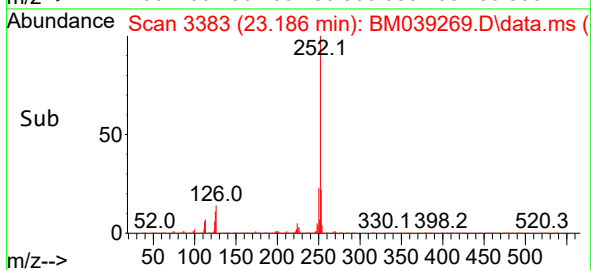
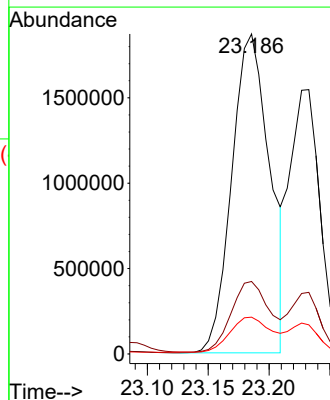
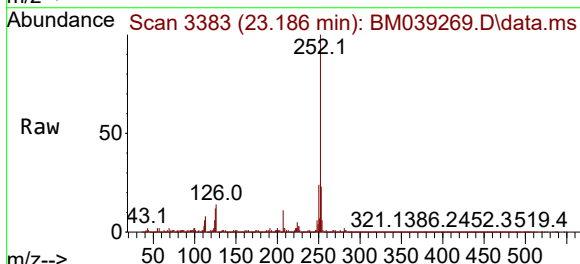
Tgt Ion:252 Resp: 4049236

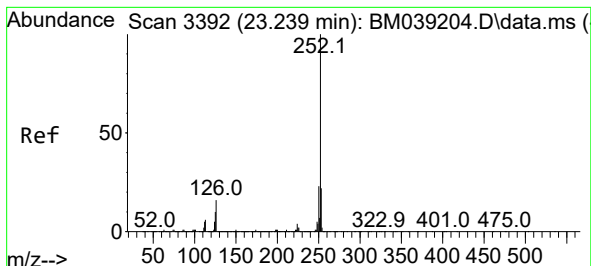
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 11.5 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 33.265 ng

RT: 23.233 min Scan# 3392

Delta R.T. 0.011 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

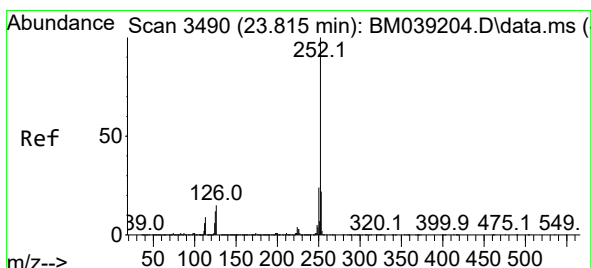
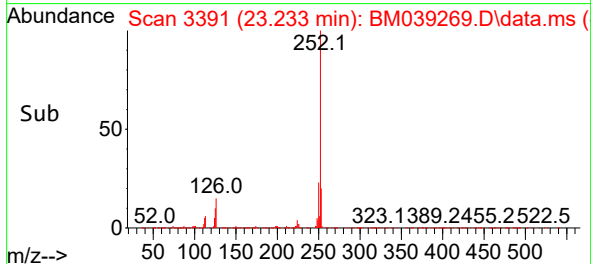
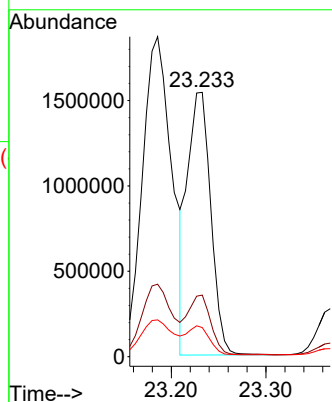
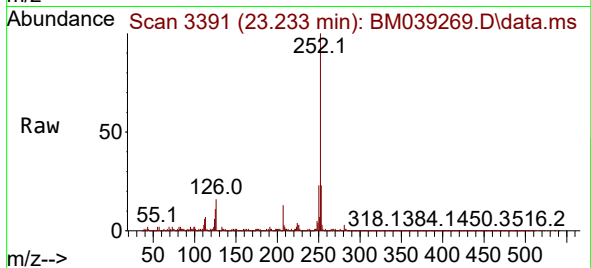
Tgt Ion:252 Resp: 2634144

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 11.0 8.5 12.7



#90

Benzo(a)pyrene

Concen: 44.712 ng

RT: 23.815 min Scan# 3490

Delta R.T. 0.017 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

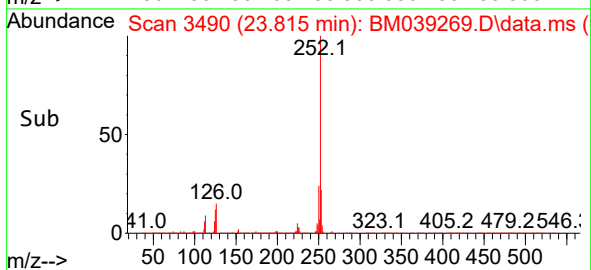
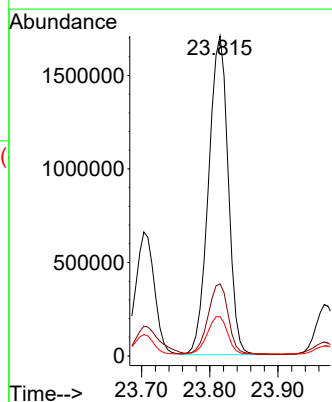
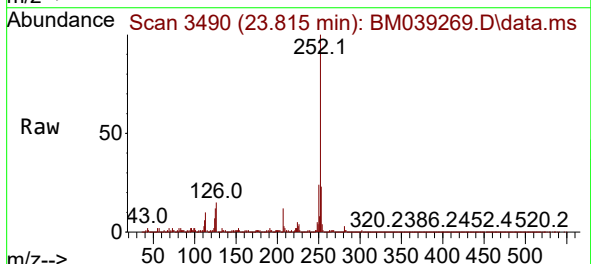
Tgt Ion:252 Resp: 3414665

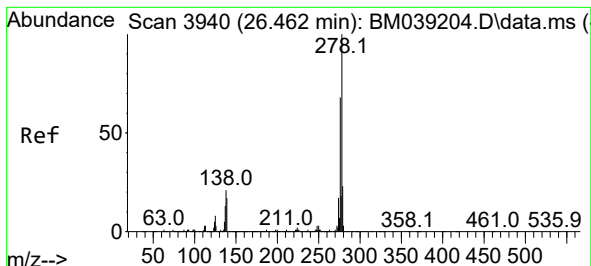
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 12.3 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 24.557 ng

RT: 26.450 min Scan# 3940

Delta R.T. 0.023 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MS

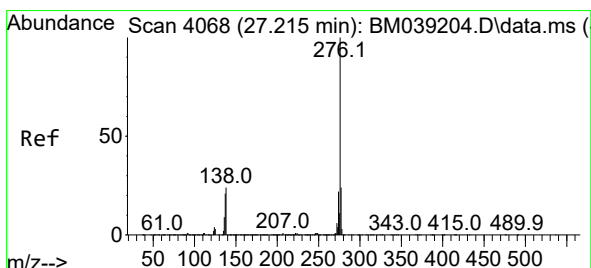
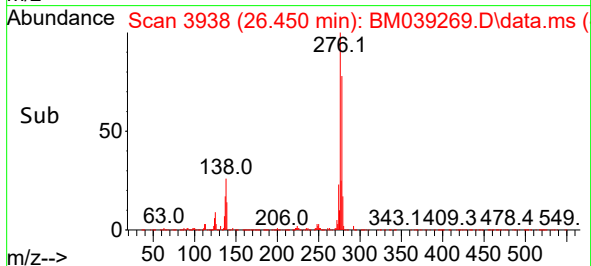
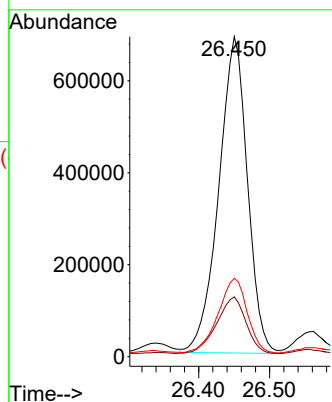
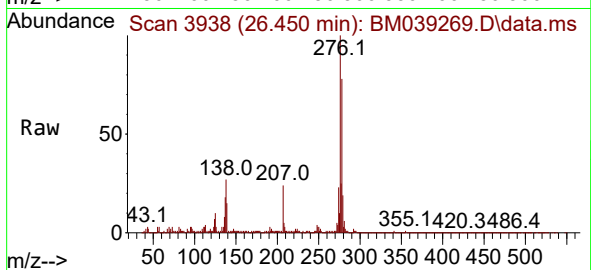
Tgt Ion:278 Resp: 1930278

Ion Ratio Lower Upper

278 100

139 18.7 13.9 20.9

279 24.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 37.125 ng

RT: 27.215 min Scan# 4068

Delta R.T. 0.029 min

Lab File: BM039269.D

Acq: 01 Apr 2023 00:56

Tgt Ion:276 Resp: 2869851

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 24.2 19.5 29.3

