

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039978.D
 Acq On : 24 May 2023 11:22
 Operator : CG/JU
 Sample : PB152902BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152902BS

Quant Time: May 24 13:17:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	243470	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	953107	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	463260	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	812987	20.000	ng	0.00
76) Chrysene-d12	21.574	240	662429	20.000	ng	0.00
86) Perylene-d12	24.027	264	718210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1581011	99.609	ng	0.00
7) Phenol-d6	7.169	99	1833592	88.558	ng	0.00
23) Nitrobenzene-d5	9.186	82	1602305	90.714	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	523927	87.136	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	3679630	93.685	ng	0.00
79) Terphenyl-d14	20.015	244	4520957	105.969	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	278508	43.449	ng	99
3) Pyridine	3.828	79	714840	40.619	ng	98
4) n-Nitrosodimethylamine	3.740	42	344597	46.090	ng	96
6) Aniline	7.339	93	799913	31.223	ng	99
8) 2-Chlorophenol	7.575	128	814660	48.760	ng	98
9) Benzaldehyde	7.145	77	485035	48.460	ng	99
10) Phenol	7.198	94	1017417	49.022	ng	98
11) bis(2-Chloroethyl)ether	7.434	93	804893	47.085	ng	100
12) 1,3-Dichlorobenzene	7.904	146	914126	51.667	ng	99
13) 1,4-Dichlorobenzene	8.051	146	936349	52.016	ng	99
14) 1,2-Dichlorobenzene	8.375	146	887260	50.266	ng	99
15) Benzyl Alcohol	8.257	79	608825	45.617	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.545	45	1012947	46.193	ng	99
17) 2-Methylphenol	8.457	107	649157	43.718	ng	99
18) Hexachloroethane	9.110	117	341817	52.376	ng	97
19) n-Nitroso-di-n-propyla...	8.828	70	547758	45.676	ng	98
20) 3+4-Methylphenols	8.786	107	844596	43.105	ng	99
22) Acetophenone	8.845	105	1230253	47.822	ng	# 99
24) Nitrobenzene	9.228	77	827864	46.206	ng	99
25) Isophorone	9.757	82	1466680	45.533	ng	98
26) 2-Nitrophenol	9.939	139	343487	54.178	ng	98
27) 2,4-Dimethylphenol	9.998	122	709853	49.158	ng	98
28) bis(2-Chloroethoxy)met...	10.239	93	985767	46.678	ng	99
29) 2,4-Dichlorophenol	10.475	162	660604	48.286	ng	98
30) 1,2,4-Trichlorobenzene	10.698	180	743899	49.666	ng	99
31) Naphthalene	10.886	128	2464922	46.872	ng	100
32) Benzoic acid	10.116	122	342096	37.242	ng	96
33) 4-Chloroaniline	10.992	127	266520	12.027	ng	99
34) Hexachlorobutadiene	11.174	225	405834	48.274	ng	99
35) Caprolactam	11.763	113	172927	44.762	ng	86
36) 4-Chloro-3-methylphenol	12.104	107	645519	45.649	ng	99
37) 2-Methylnaphthalene	12.486	142	1564456	44.632	ng	99
38) 1-Methylnaphthalene	12.704	142	1454770	44.337	ng	98
40) 1,2,4,5-Tetrachloroben...	12.851	216	762719	52.055	ng	99
41) Hexachlorocyclopentadiene	12.839	237	1071559	141.371	ng	100
43) 2,4,6-Trichlorophenol	13.086	196	443634	49.884	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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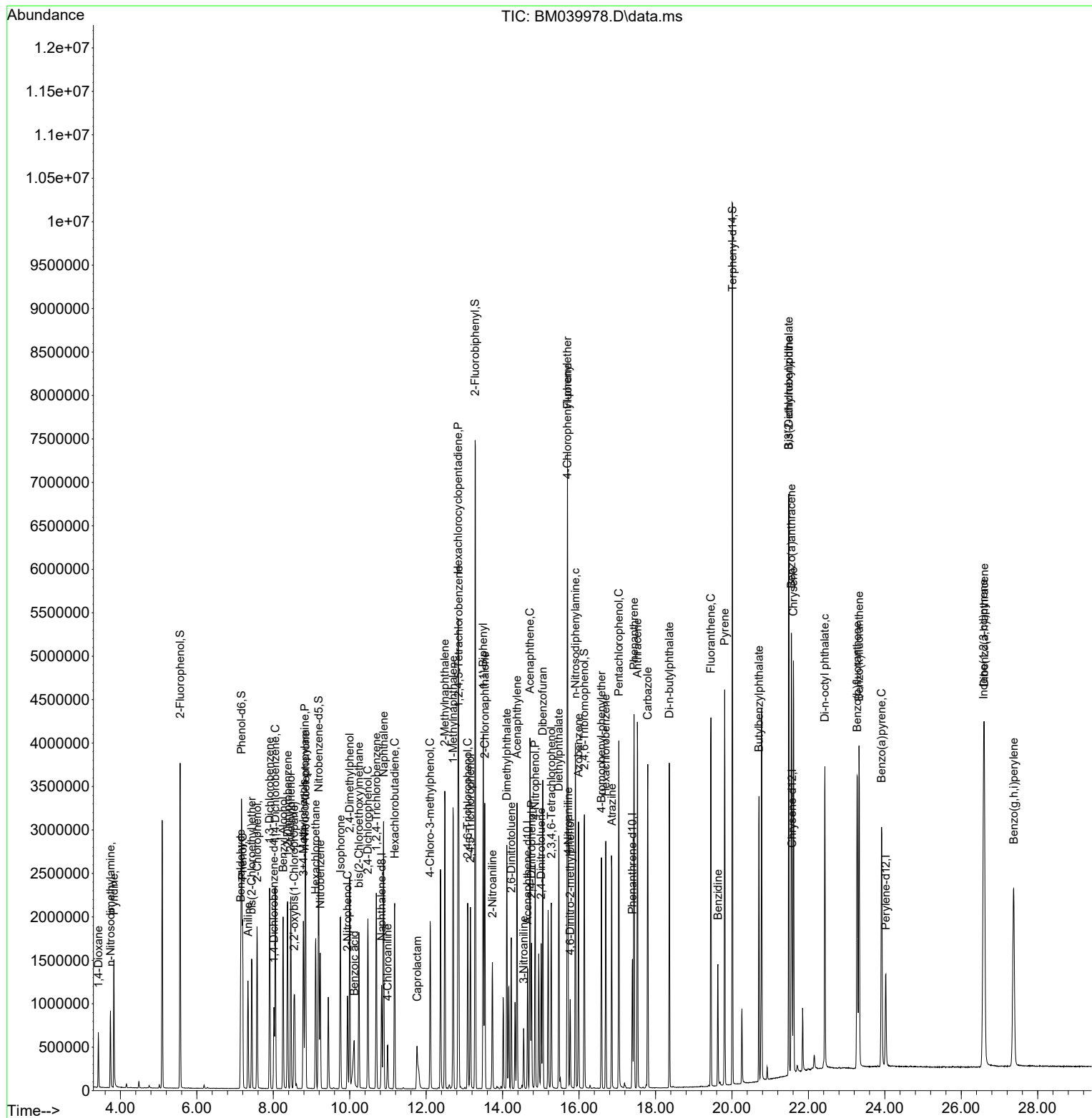
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	477747	45.133	ng	99
46) 1,1'-Biphenyl	13.492	154	1986705	50.091	ng	100
47) 2-Chloronaphthalene	13.533	162	1508164	50.942	ng	99
48) 2-Nitroaniline	13.733	65	351796	44.135	ng	97
49) Acenaphthylene	14.374	152	2279274	49.178	ng	99
50) Dimethylphthalate	14.110	163	1672029	47.879	ng	99
51) 2,6-Dinitrotoluene	14.227	165	329190	49.275	ng	97
52) Acenaphthene	14.715	154	1402567	46.316	ng	98
53) 3-Nitroaniline	14.551	138	166782	21.104	ng	97
54) 2,4-Dinitrophenol	14.757	184	302158	81.143	ng	97
55) Dibenzofuran	15.051	168	2122600	47.481	ng	99
56) 4-Nitrophenol	14.851	139	646999	105.832	ng	97
57) 2,4-Dinitrotoluene	15.010	165	438561	45.781	ng	95
58) Fluorene	15.698	166	1762741	47.434	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.274	232	376734	47.857	ng	99
60) Diethylphthalate	15.468	149	1651149	47.834	ng	99
61) 4-Chlorophenyl-phenyle...	15.692	204	851909	46.856	ng	100
62) 4-Nitroaniline	15.715	138	375160	45.581	ng	97
63) Azobenzene	15.986	77	1643646	47.760	ng	98
65) 4,6-Dinitro-2-methylph...	15.768	198	187025	42.760	ng	98
66) n-Nitrosodiphenylamine	15.904	169	1394365	49.874	ng	100
67) 4-Bromophenyl-phenylether	16.586	248	439696	48.947	ng	96
68) Hexachlorobenzene	16.698	284	531828	51.806	ng	98
69) Atrazine	16.856	200	419599	60.337	ng	99
70) Pentachlorophenol	17.039	266	618582	91.791	ng	99
71) Phenanthrene	17.439	178	2343051	48.183	ng	100
72) Anthracene	17.527	178	2380095	49.400	ng	99
73) Carbazole	17.798	167	2171831	49.894	ng	100
74) Di-n-butylphthalate	18.362	149	2442497	44.203	ng	100
75) Fluoranthene	19.450	202	2276279	46.966	ng	100
77) Benzidine	19.633	184	706155	68.647	ng	100
78) Pyrene	19.809	202	2402791	49.432	ng	100
80) Butylbenzylphthalate	20.709	149	892856	45.002	ng	92
81) Benzo(a)anthracene	21.556	228	2290697	48.848	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	513361	36.647	ng	98
83) Chrysene	21.609	228	2121793	47.157	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	1408451	44.502	ng	100
85) Di-n-octyl phthalate	22.433	149	2349505	48.033	ng	98
87) Indeno(1,2,3-cd)pyrene	26.585	276	3147766	55.113	ng	99
88) Benzo(b)fluoranthene	23.280	252	2310315	50.243	ng	99
89) Benzo(k)fluoranthene	23.327	252	2364566	47.027	ng	99
90) Benzo(a)pyrene	23.915	252	2004916	45.465	ng	98
91) Dibenzo(a,h)anthracene	26.603	278	2696691	54.689	ng	99
92) Benzo(g,h,i)perylene	27.373	276	2417817	55.479	ng	99

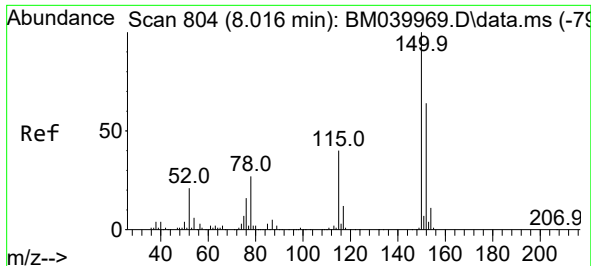
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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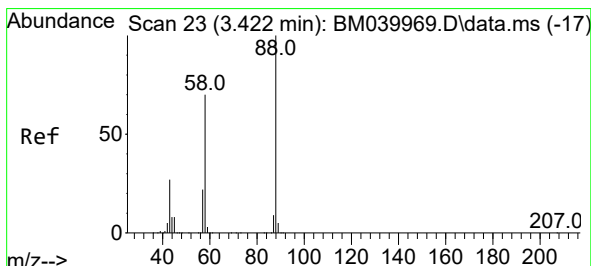
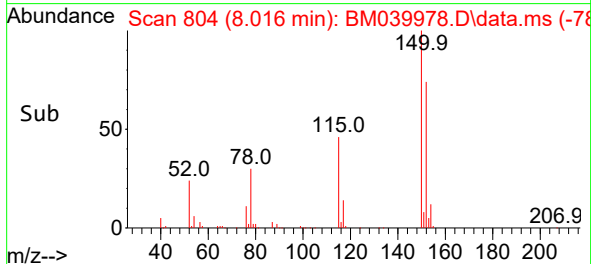
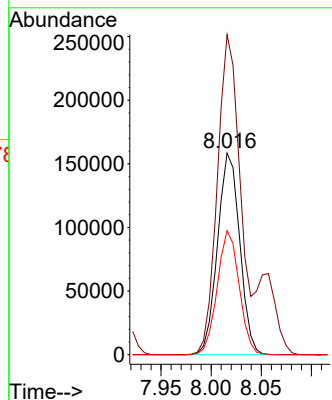
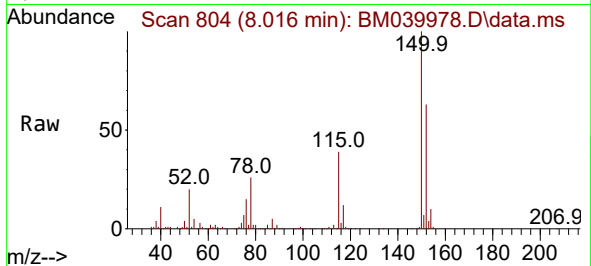




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

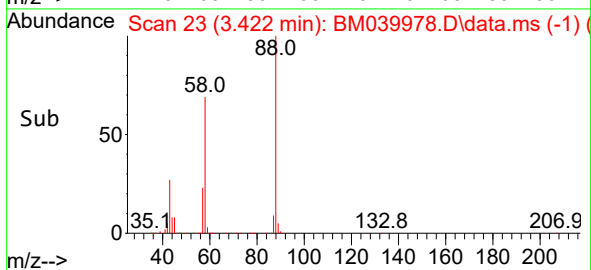
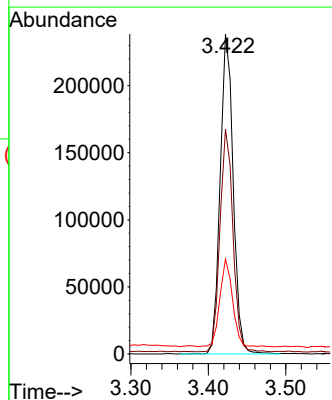
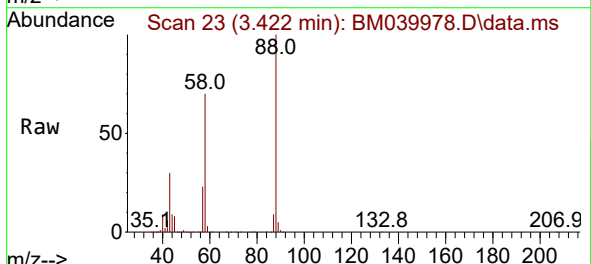
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BNA_M
ClientSampleId :
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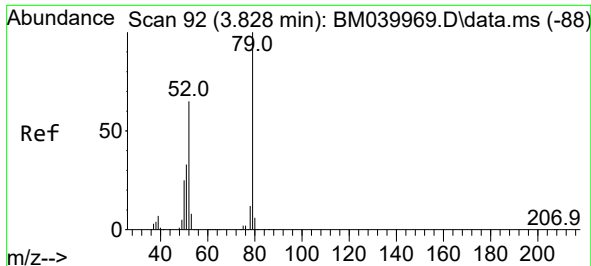
Tgt Ion:152 Resp: 243470
Ion Ratio Lower Upper
152 100
150 158.8 125.5 188.3
115 61.5 50.2 75.2



#2
1,4-Dioxane
Concen: 43.449 ng
RT: 3.422 min Scan# 23
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 88 Resp: 278508
Ion Ratio Lower Upper
88 100
58 69.1 56.1 84.1
43 26.9 22.0 33.0

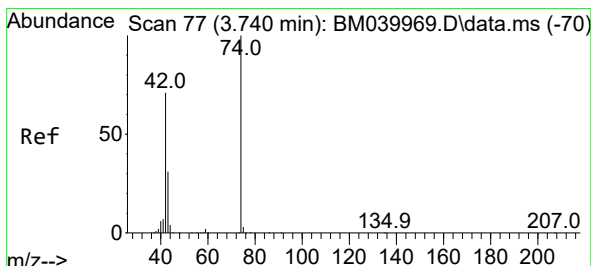
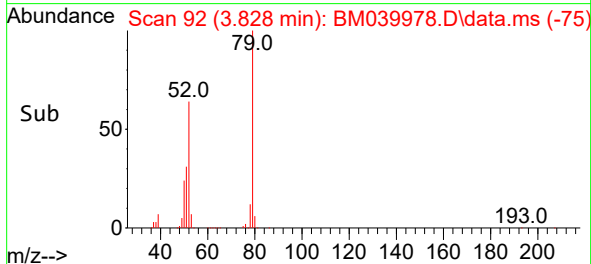
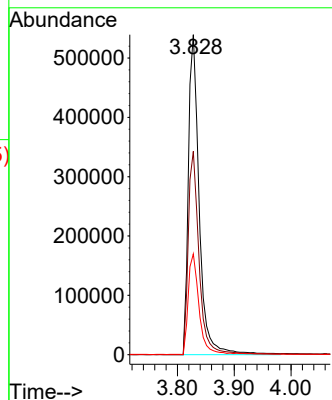
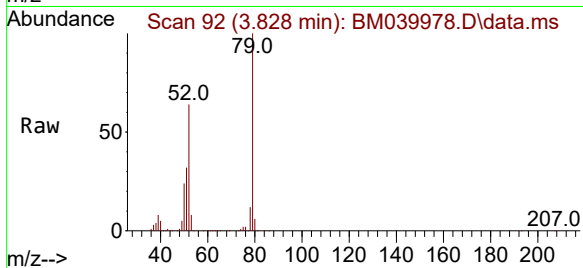




#3
Pyridine
Concen: 40.619 ng
RT: 3.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

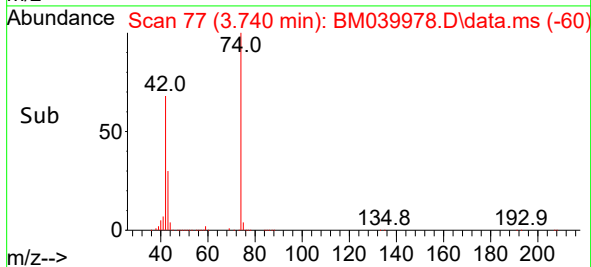
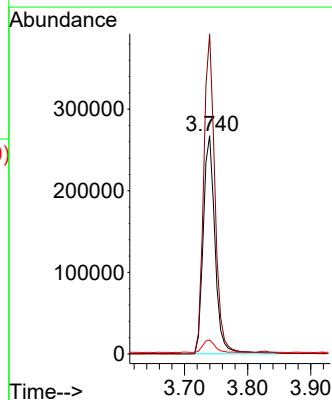
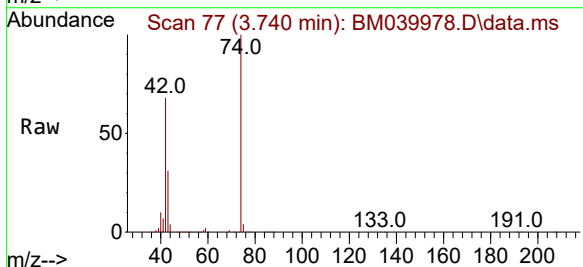
Instrument :
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ClientSampleId :
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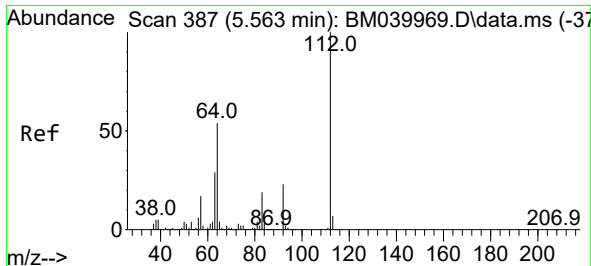
Tgt Ion: 79 Resp: 714840
Ion Ratio Lower Upper
79 100
52 63.5 52.0 78.0
51 31.5 26.5 39.7



#4
n-Nitrosodimethylamine
Concen: 46.090 ng
RT: 3.740 min Scan# 77
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 42 Resp: 344597
Ion Ratio Lower Upper
42 100
74 146.7 113.4 170.0
44 6.4 5.4 8.2

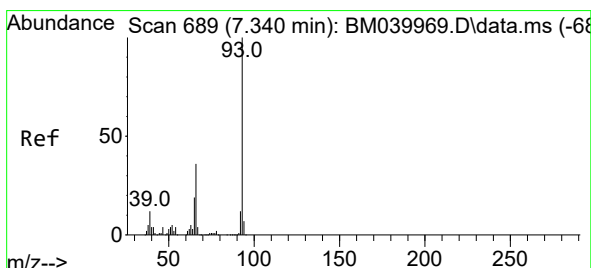
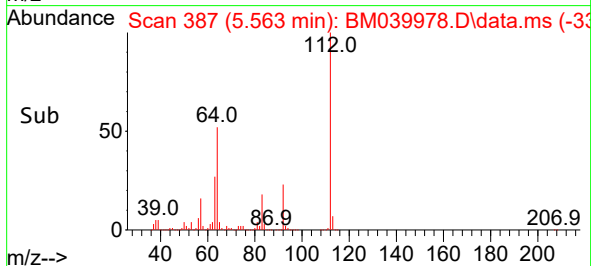
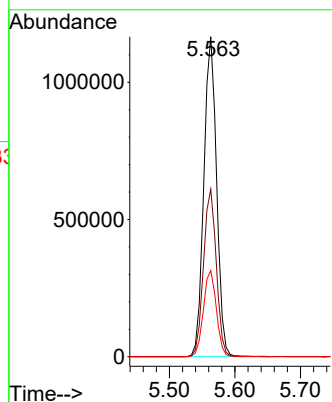
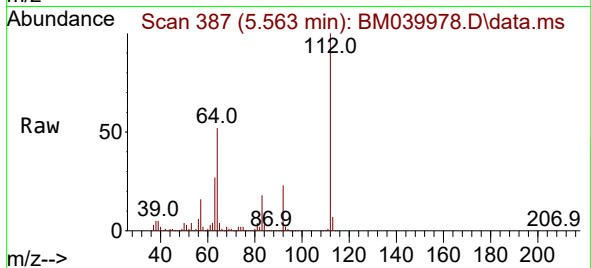




#5
2-Fluorophenol
Concen: 99.609 ng
RT: 5.563 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

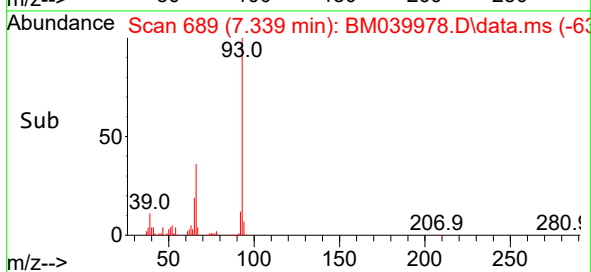
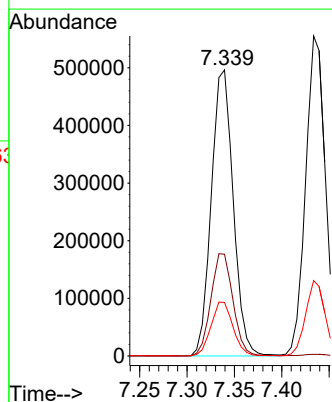
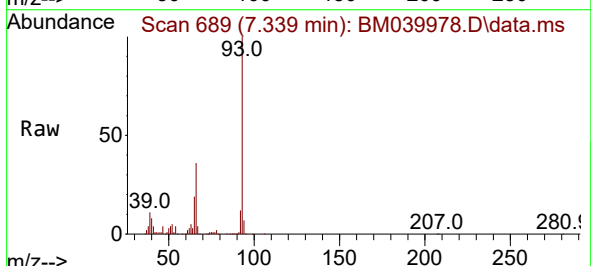
Instrument :
BNA_M
ClientSampleId :
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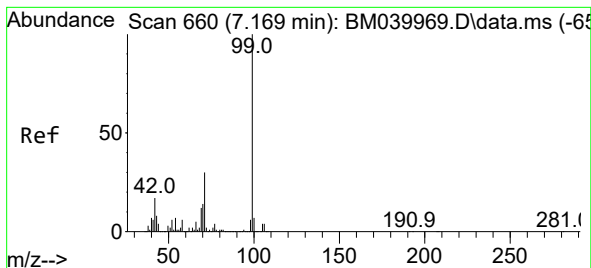
Tgt Ion:112 Resp: 1581011
Ion Ratio Lower Upper
112 100
64 52.4 43.0 64.4
63 26.9 22.9 34.3



#6
Aniline
Concen: 31.223 ng
RT: 7.339 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 93 Resp: 799913
Ion Ratio Lower Upper
93 100
66 35.6 29.2 43.8
65 18.7 15.3 22.9





#7

Phenol-d6

Concen: 88.558 ng

RT: 7.169 min Scan# 660

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

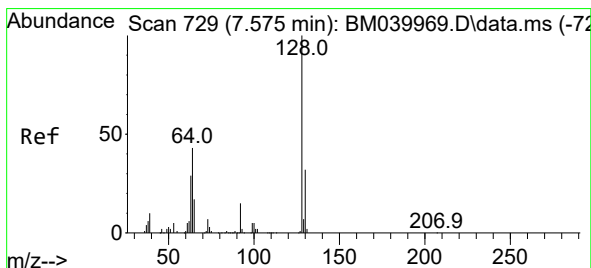
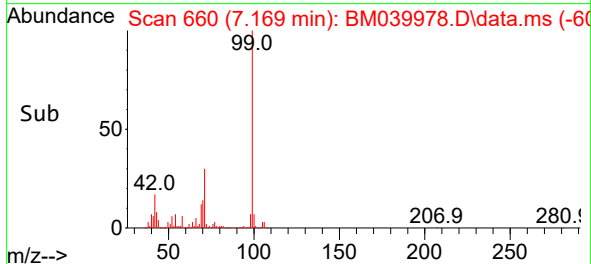
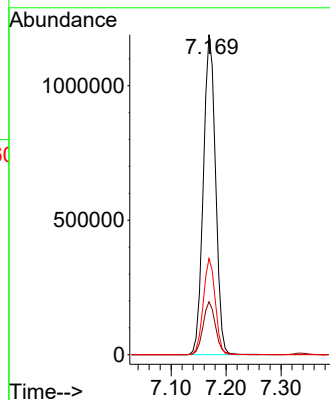
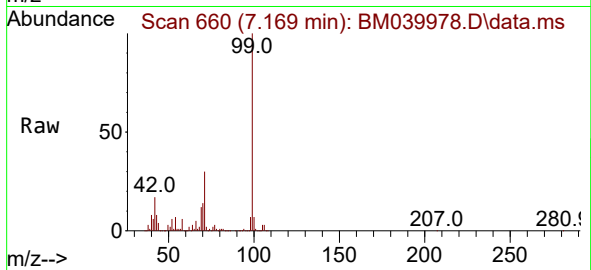
BNA_M

ClientSampleId :

PB152902BS

Tgt Ion: 99 Resp: 1833592

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	30.1	24.4	36.6



#8

2-Chlorophenol

Concen: 48.760 ng

RT: 7.575 min Scan# 729

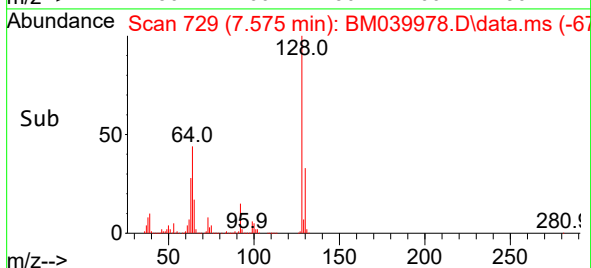
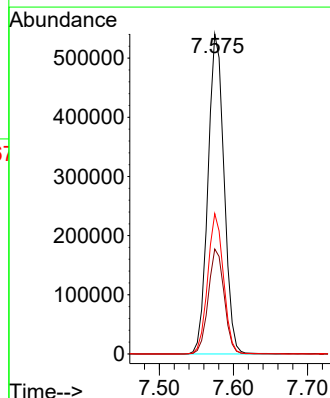
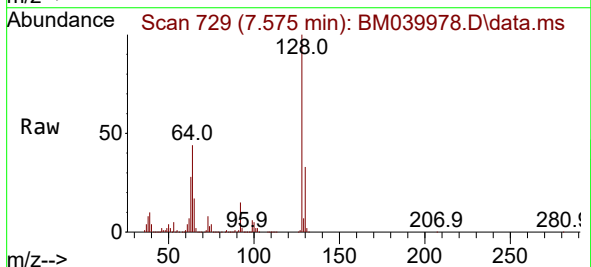
Delta R.T. -0.000 min

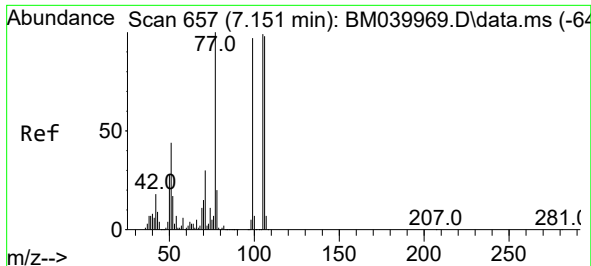
Lab File: BM039978.D

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Tgt Ion:128 Resp: 814660

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.4	52.4
64	43.8	25.5	65.5

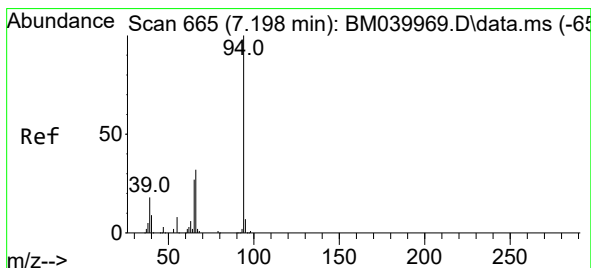
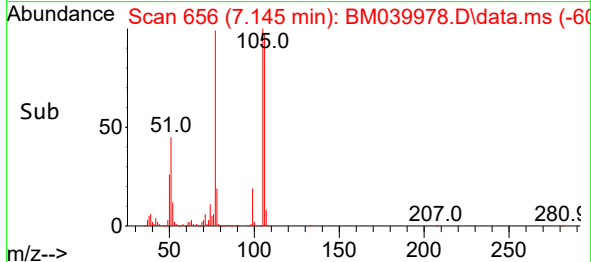
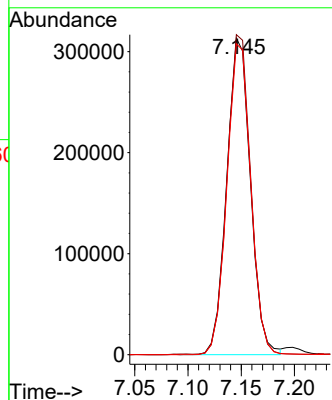
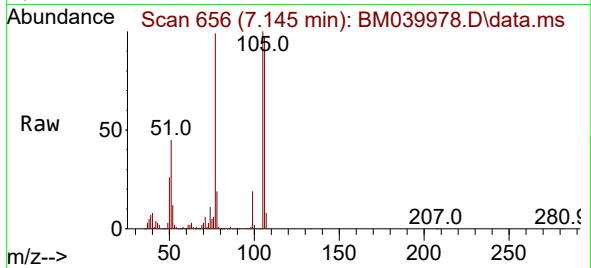




#9
Benzaldehyde
Concen: 48.460 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
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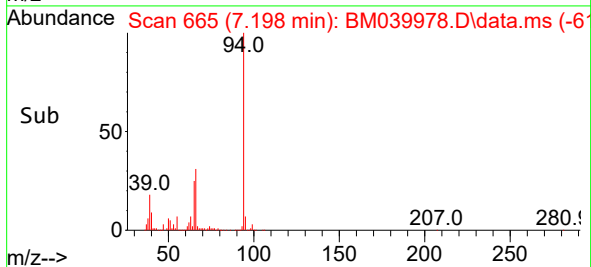
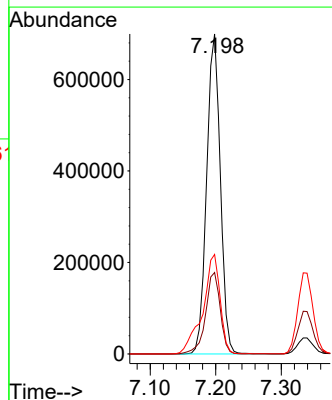
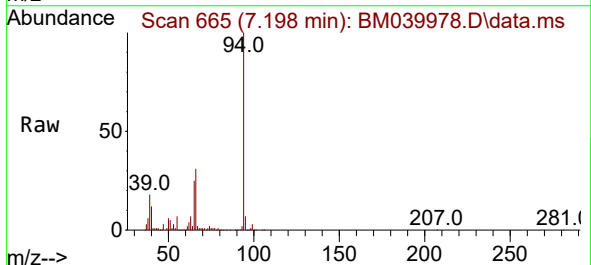
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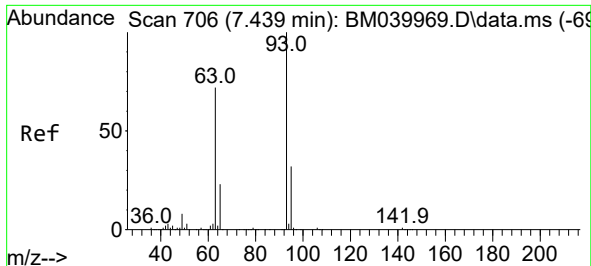
Tgt Ion: 77 Resp: 485035
Ion Ratio Lower Upper
77 100
105 101.0 79.2 119.2
106 98.2 77.6 117.6



#10
Phenol
Concen: 49.022 ng
RT: 7.198 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 94 Resp: 1017417
Ion Ratio Lower Upper
94 100
65 25.5 6.7 46.7
66 31.1 12.4 52.4

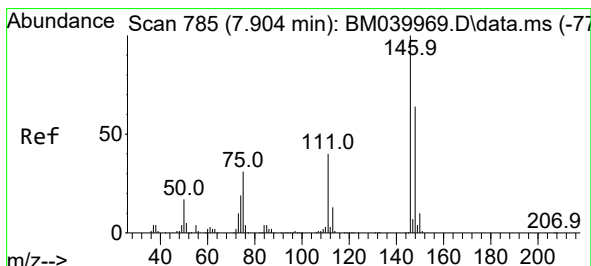
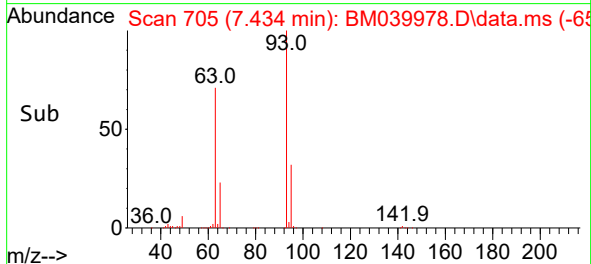
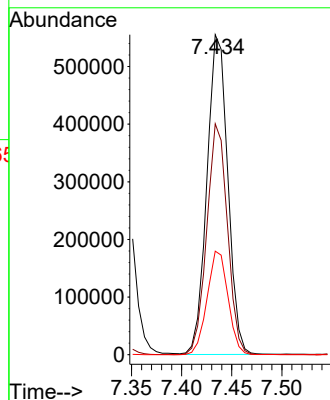
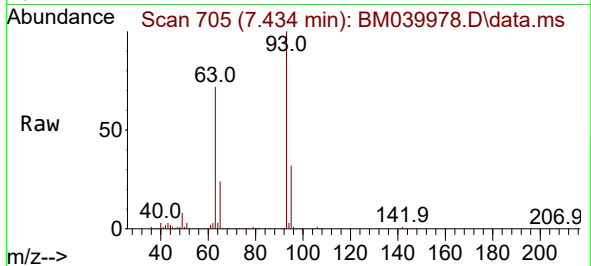




#11
bis(2-Chloroethyl)ether
Concen: 47.085 ng
RT: 7.434 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

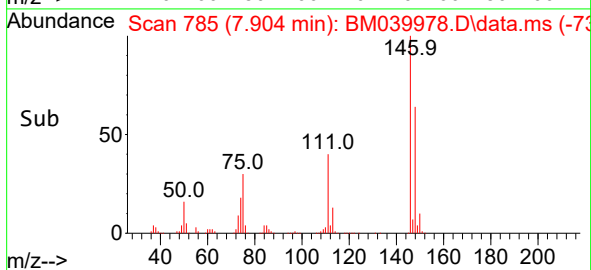
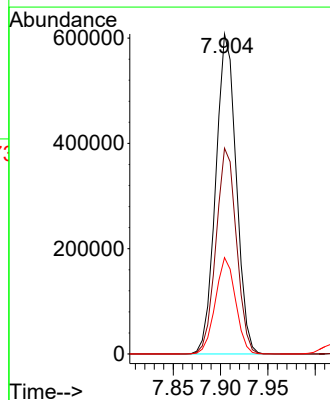
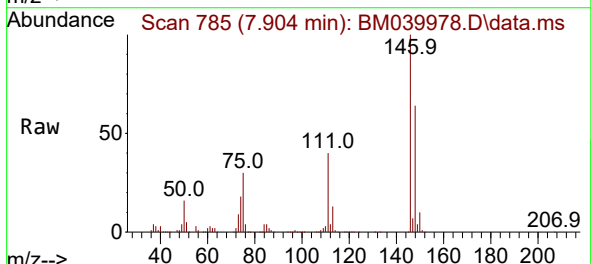
Instrument :
BNA_M
ClientSampleId :
PB152902BS

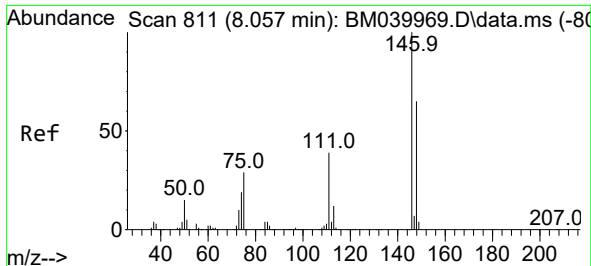
Tgt Ion: 93 Resp: 804893
Ion Ratio Lower Upper
93 100
63 72.2 52.0 92.0
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 51.667 ng
RT: 7.904 min Scan# 785
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 146 Resp: 914126
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 30.1 24.9 37.3

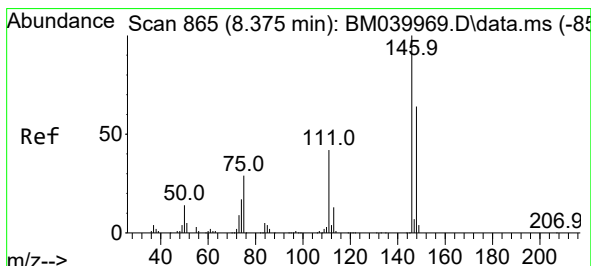
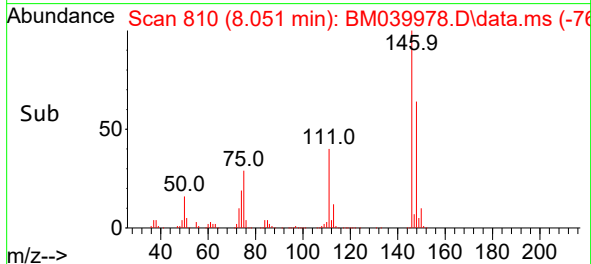
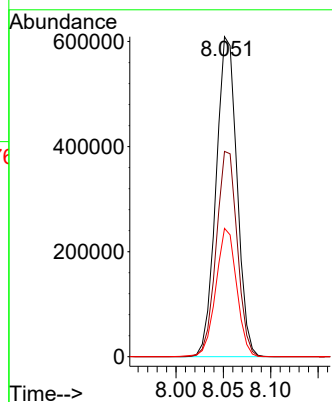
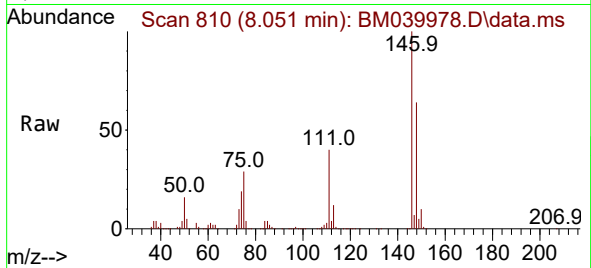




#13
1,4-Dichlorobenzene
Concen: 52.016 ng
RT: 8.051 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

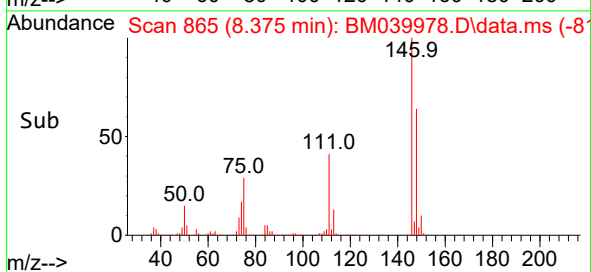
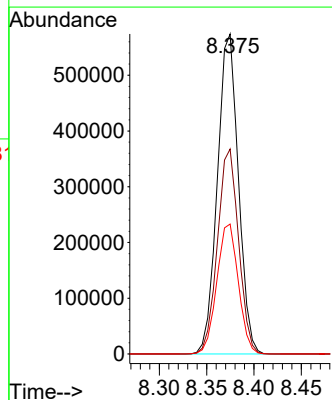
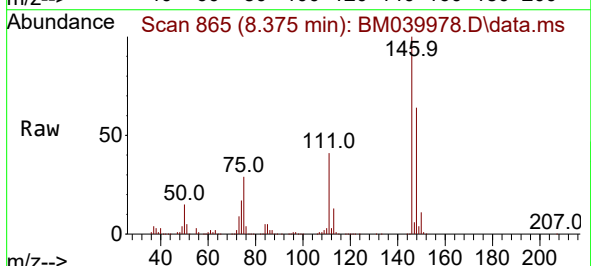
Instrument :
BNA_M
ClientSampleId :
PB152902BS

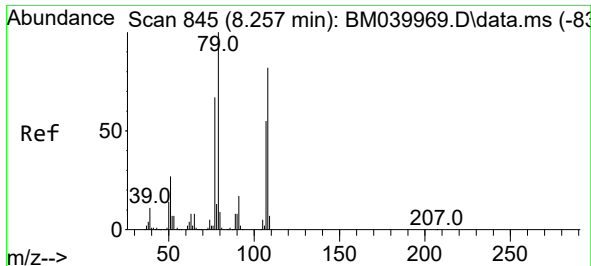
Tgt Ion:146 Resp: 936349
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 40.1 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 50.266 ng
RT: 8.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:146 Resp: 887260
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 40.6 33.5 50.3

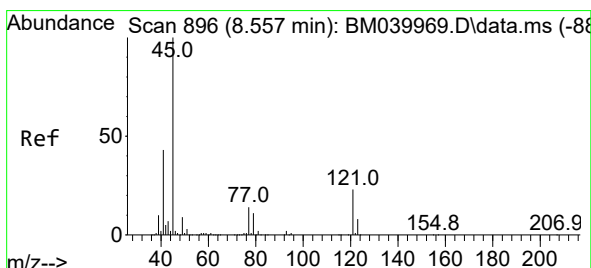
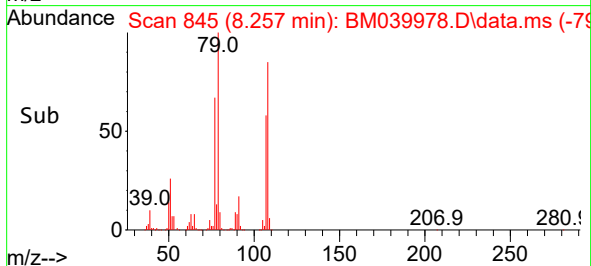
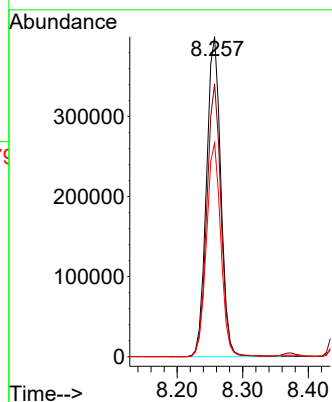
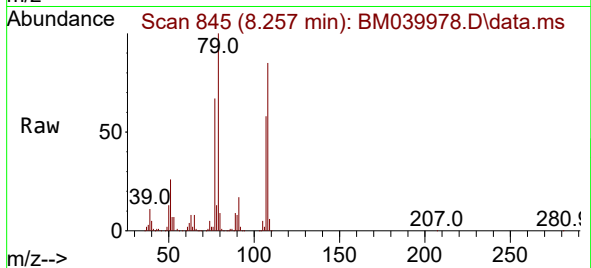




#15
Benzyl Alcohol
Concen: 45.617 ng
RT: 8.257 min Scan# 845
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

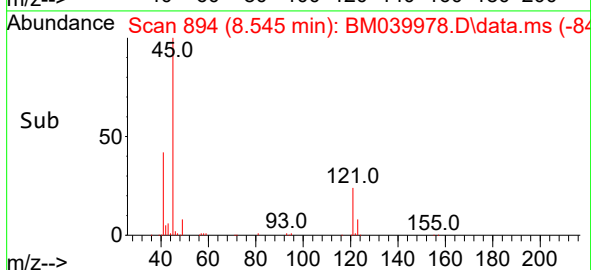
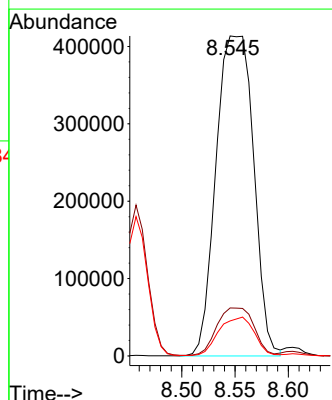
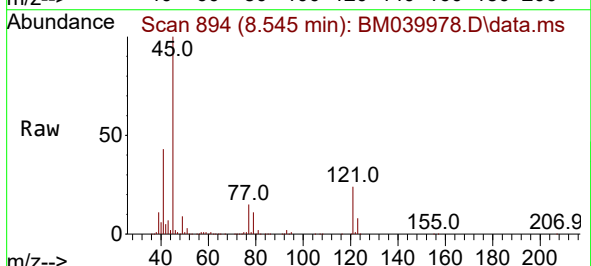
Instrument :
BNA_M
ClientSampleId :
PB152902BS

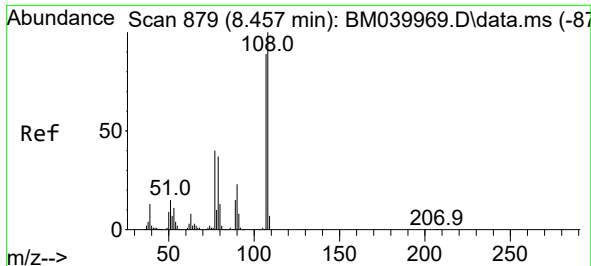
Tgt Ion: 79 Resp: 608825
Ion Ratio Lower Upper
79 100
108 85.3 65.4 98.2
77 66.8 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.193 ng
RT: 8.545 min Scan# 894
Delta R.T. -0.012 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 45 Resp: 1012947
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.7
79 11.0 0.0 31.3



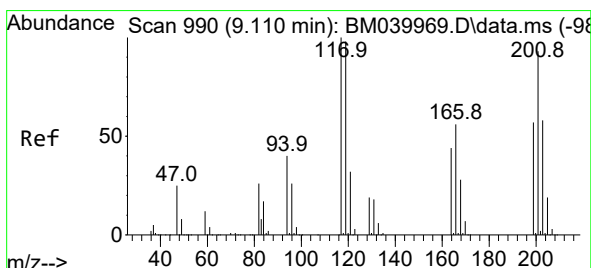
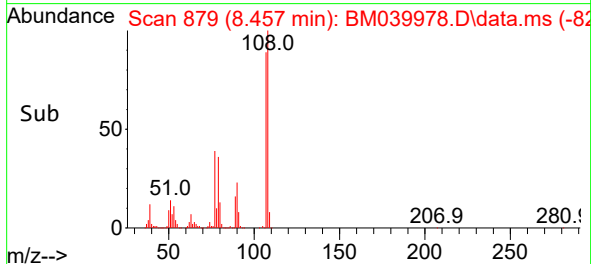
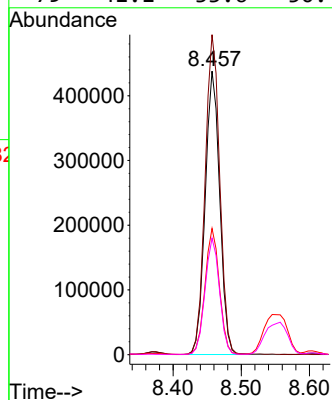
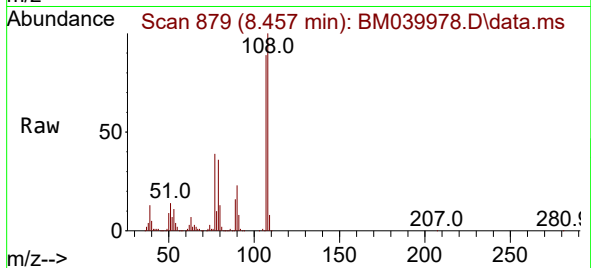


#17
2-Methylphenol
Concen: 43.718 ng
RT: 8.457 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Instrument :
BNA_M
ClientSampleId :
PB152902BS

Tgt Ion:107 Resp: 649157

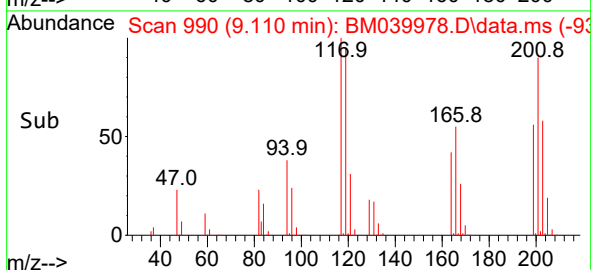
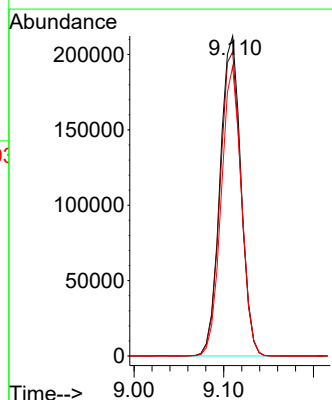
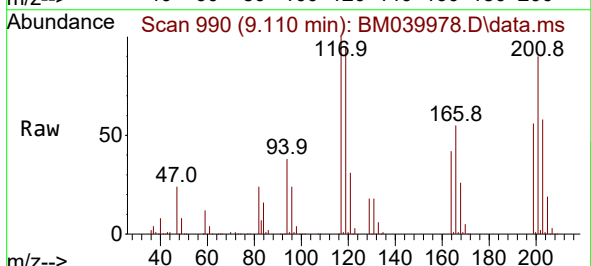
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.8	134.8
77	44.5	35.6	53.4
79	41.1	33.6	50.4

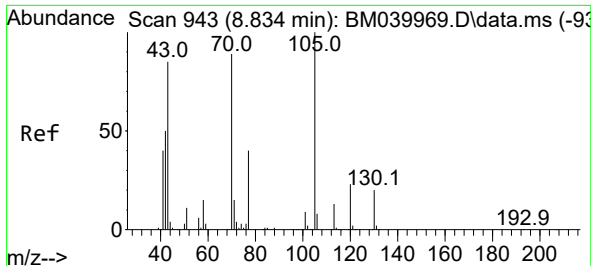


#18
Hexachloroethane
Concen: 52.376 ng
RT: 9.110 min Scan# 990
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:117 Resp: 341817

Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.8	118.2
201	90.4	74.3	111.5

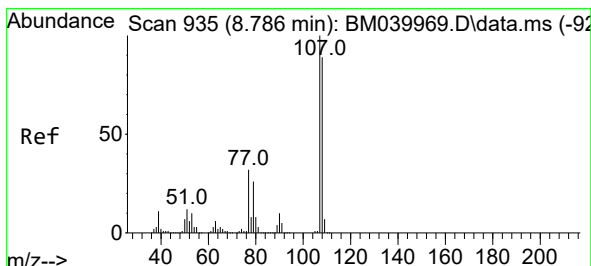
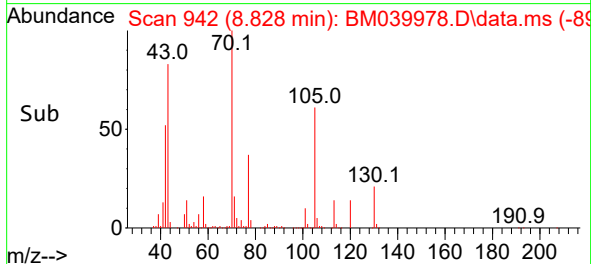
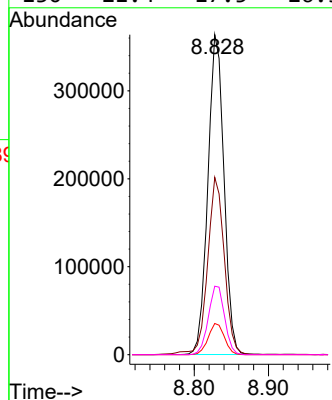
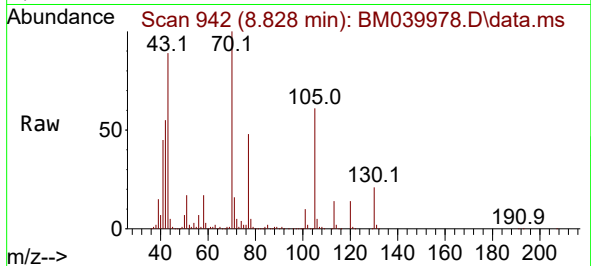




#19
n-Nitroso-di-n-propylamine
Concen: 45.676 ng
RT: 8.828 min Scan# 943
Delta R.T. -0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

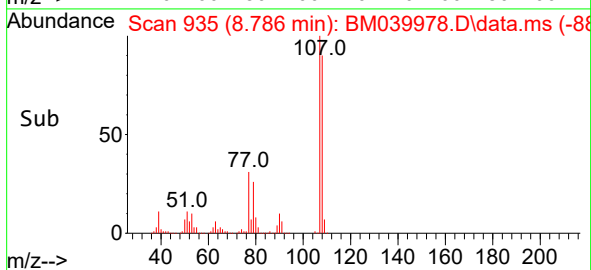
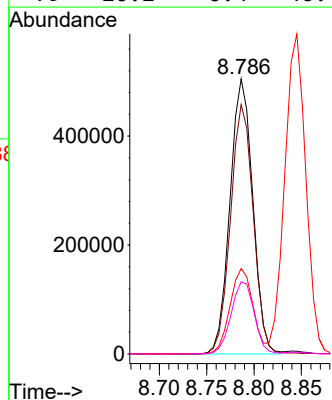
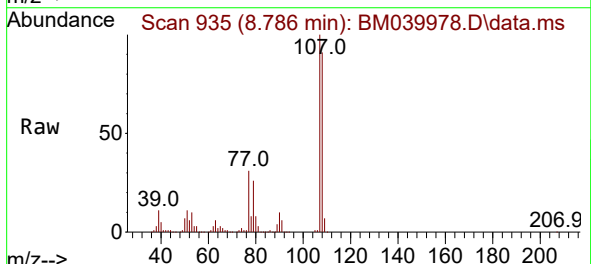
Instrument :
BNA_M
ClientSampleId :
PB152902BS

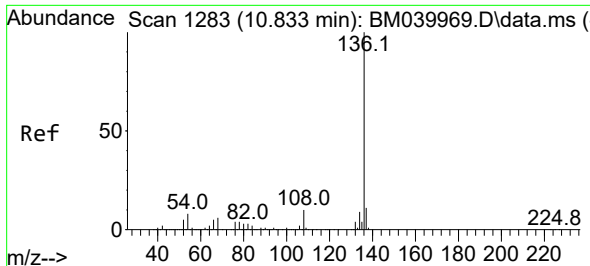
Tgt Ion: 70 Resp: 547758
Ion Ratio Lower Upper
70 100
42 55.4 45.6 68.4
101 9.7 7.7 11.5
130 21.4 17.5 26.3



#20
3+4-Methylphenols
Concen: 43.105 ng
RT: 8.786 min Scan# 935
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 107 Resp: 844596
Ion Ratio Lower Upper
107 100
108 90.6 69.3 109.3
77 31.1 11.7 51.7
79 26.2 6.4 46.4

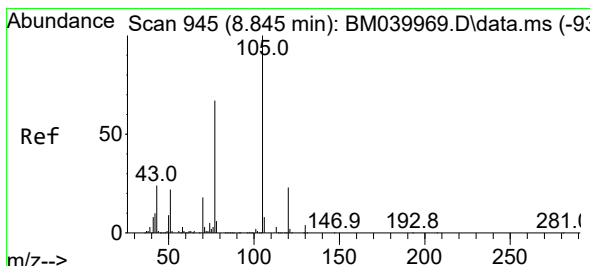
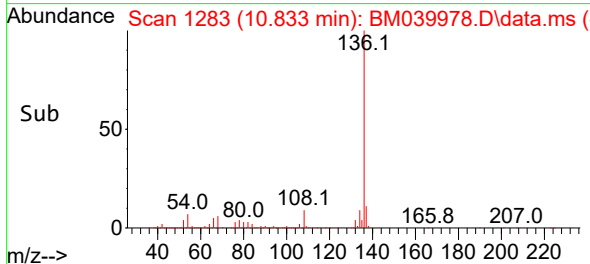
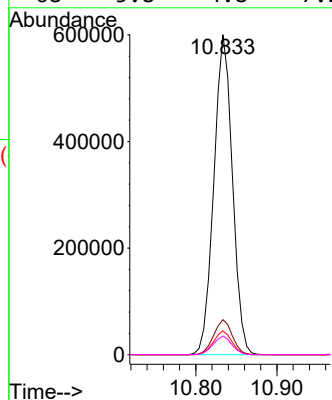
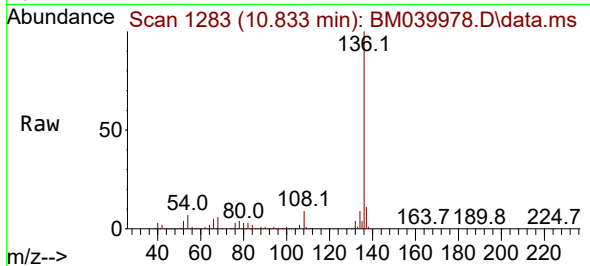




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

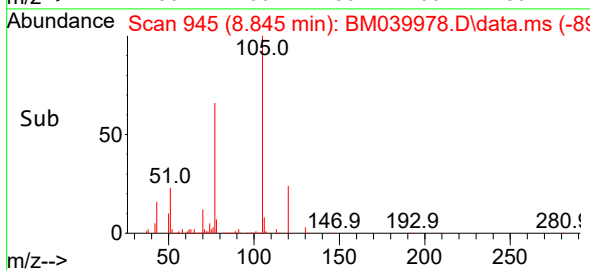
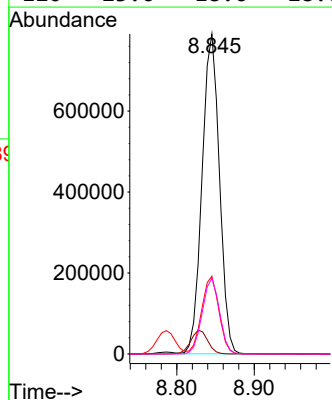
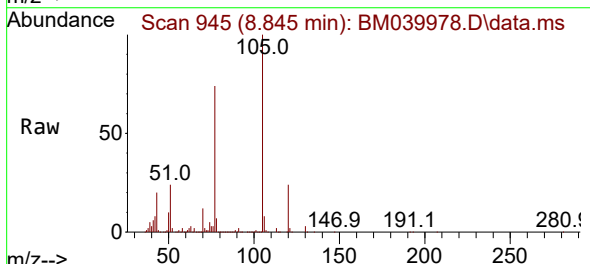
Instrument :
BNA_M
ClientSampleId :
PB152902BS

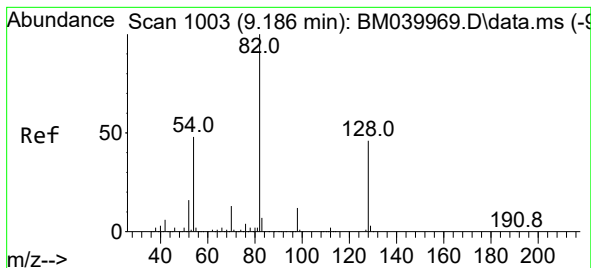
Tgt Ion:136 Resp: 953107
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.4 6.1 9.1
68 5.8 4.8 7.2



#22
Acetophenone
Concen: 47.822 ng
RT: 8.845 min Scan# 945
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:105 Resp: 1230253
Ion Ratio Lower Upper
105 100
71 1.9 2.2 3.4#
51 24.3 19.8 29.8
120 23.6 18.6 28.0





#23

Nitrobenzene-d5

Concen: 90.714 ng

RT: 9.186 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

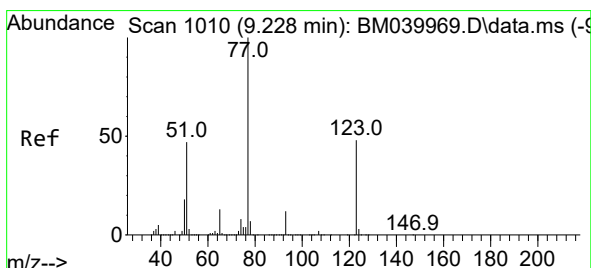
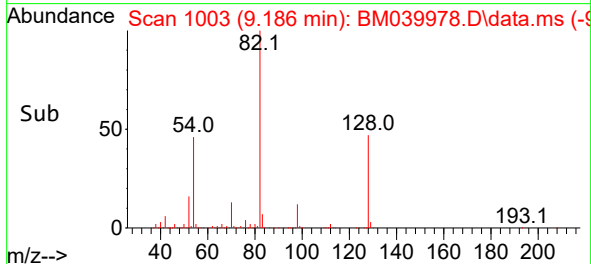
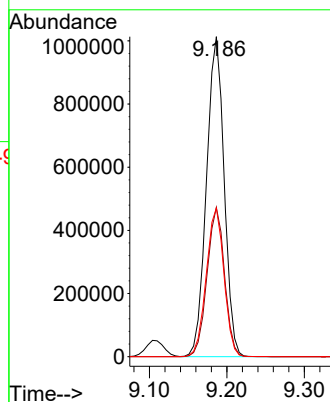
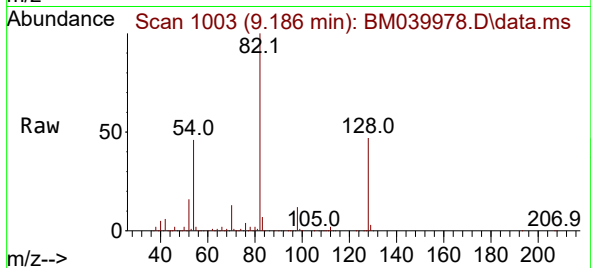
Tgt Ion: 82 Resp: 1602305

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

54 46.4 38.3 57.5



#24

Nitrobenzene

Concen: 46.206 ng

RT: 9.228 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

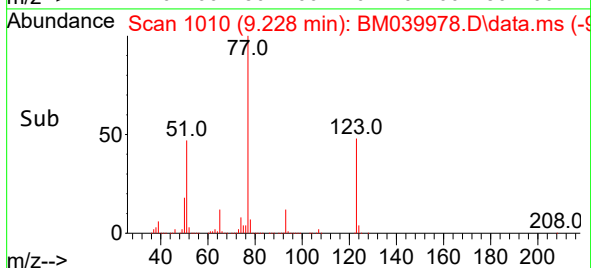
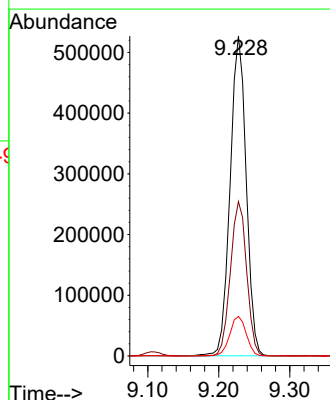
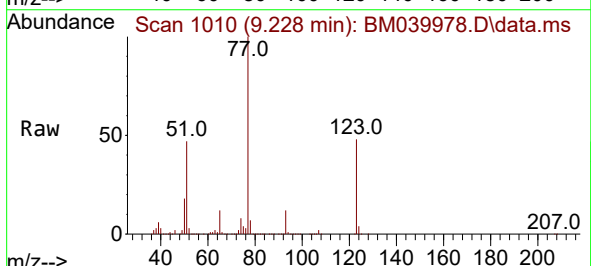
Tgt Ion: 77 Resp: 827864

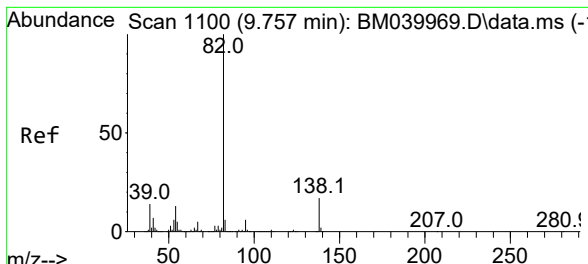
Ion Ratio Lower Upper

77 100

123 48.3 38.1 57.1

65 12.3 10.1 15.1

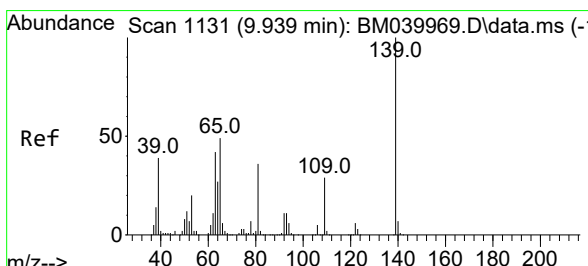
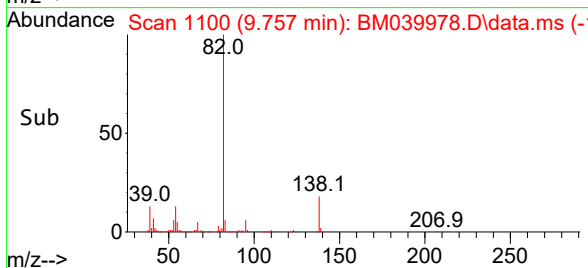
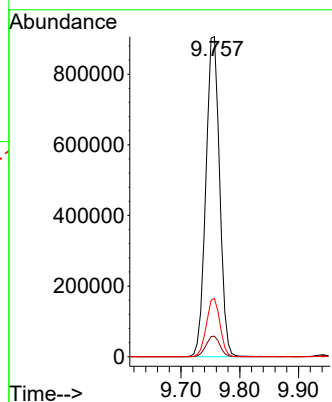
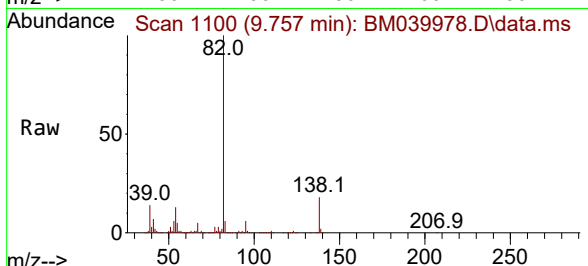




#25
Isophorone
Concen: 45.533 ng
RT: 9.757 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

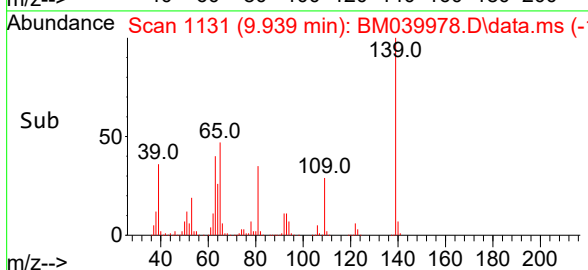
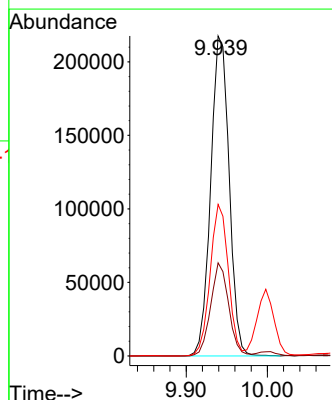
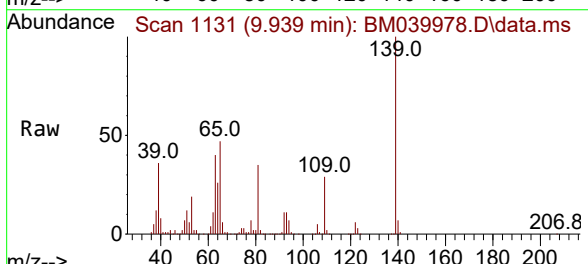
Instrument :
BNA_M
ClientSampleId :
PB152902BS

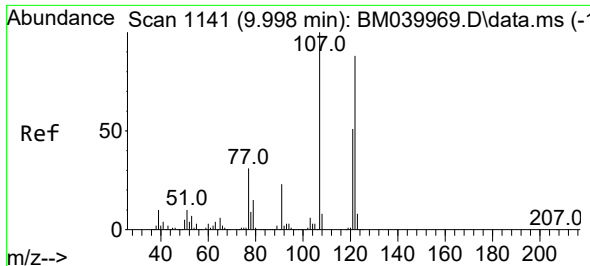
Tgt Ion: 82 Resp: 1466680
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 18.2 13.8 20.8



#26
2-Nitrophenol
Concen: 54.178 ng
RT: 9.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

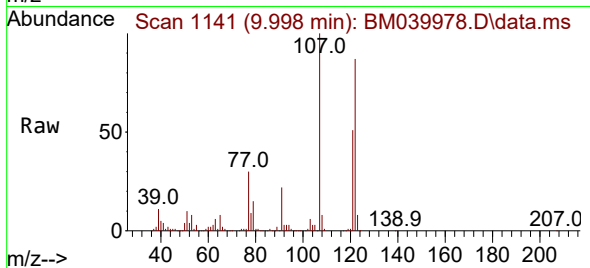
Tgt Ion: 139 Resp: 343487
Ion Ratio Lower Upper
139 100
109 29.1 23.4 35.2
65 47.4 39.4 59.2



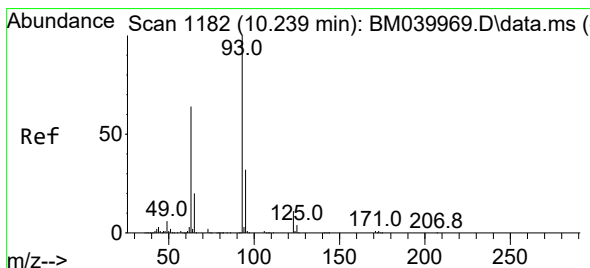
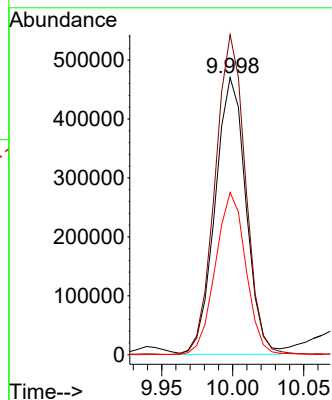
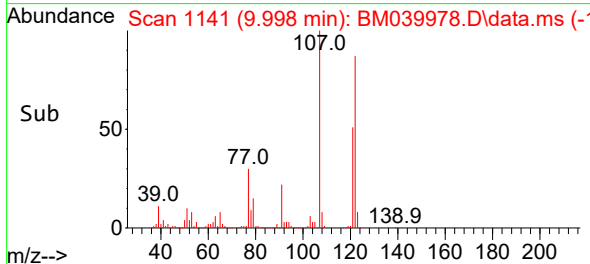


#27
2,4-Dimethylphenol
Concen: 49.158 ng
RT: 9.998 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Instrument :
BNA_M
ClientSampleId :
PB152902BS

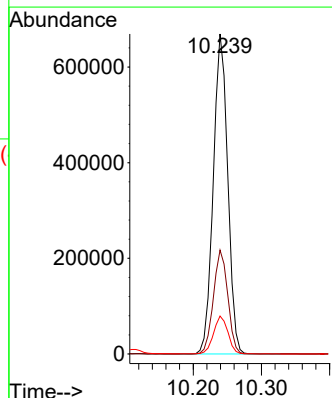
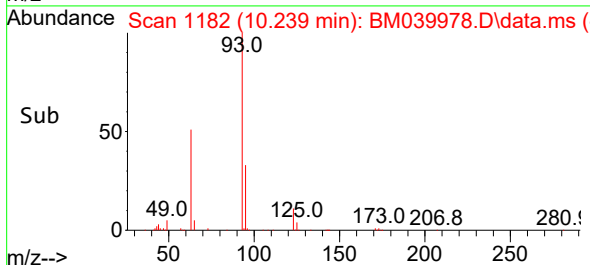
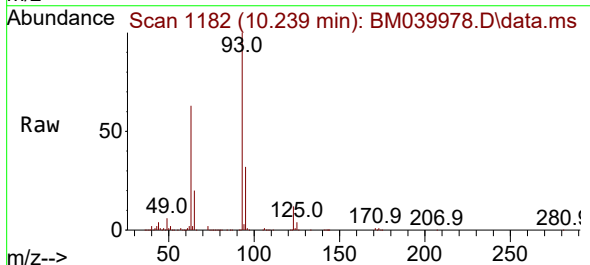


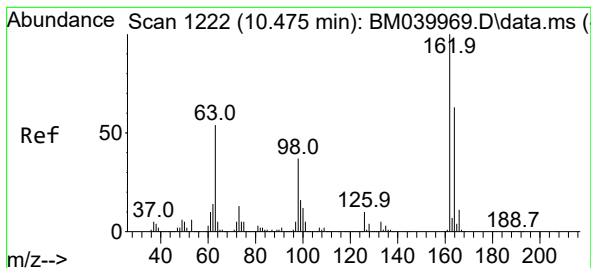
Tgt Ion:122 Resp: 709853
Ion Ratio Lower Upper
122 100
107 115.4 91.0 136.4
121 58.5 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 46.678 ng
RT: 10.239 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 93 Resp: 985767
Ion Ratio Lower Upper
93 100
95 32.5 25.7 38.5
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.286 ng

RT: 10.475 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

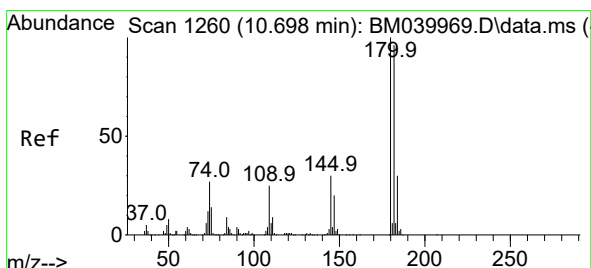
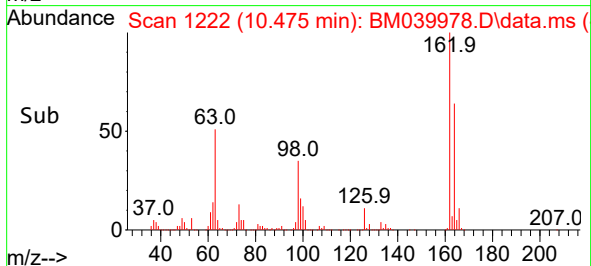
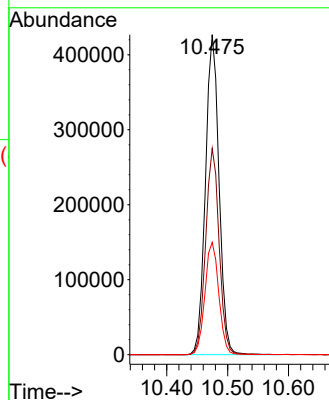
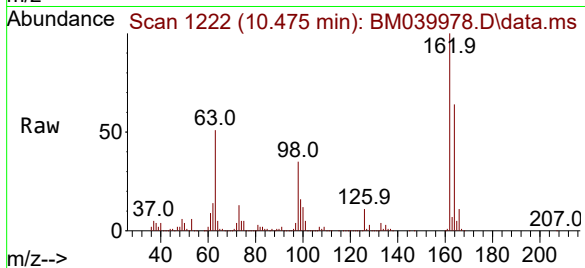
Tgt Ion:162 Resp: 660604

Ion Ratio Lower Upper

162 100

164 64.4 43.3 83.3

98 35.1 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 49.666 ng

RT: 10.698 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

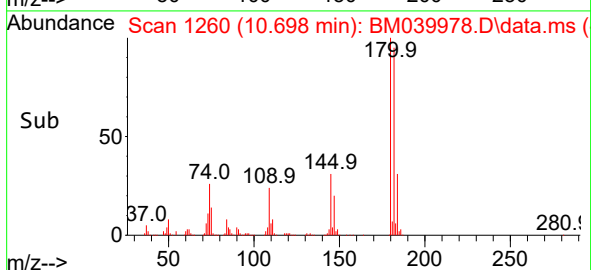
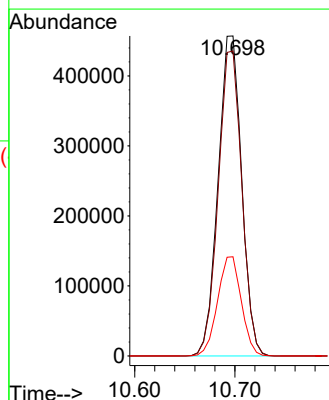
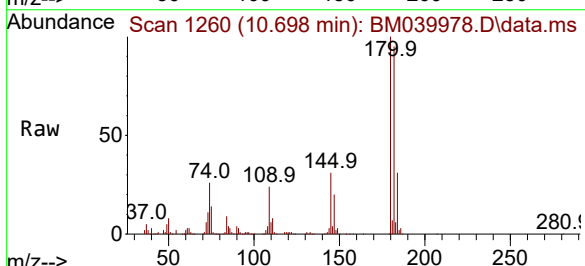
Tgt Ion:180 Resp: 743899

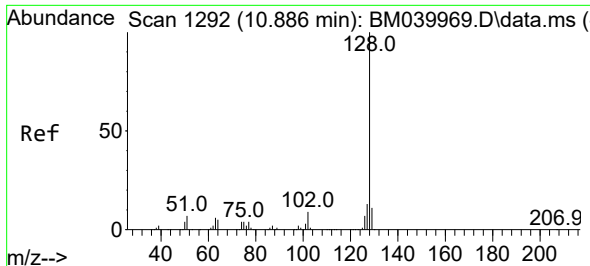
Ion Ratio Lower Upper

180 100

182 95.3 76.9 115.3

145 31.0 24.1 36.1

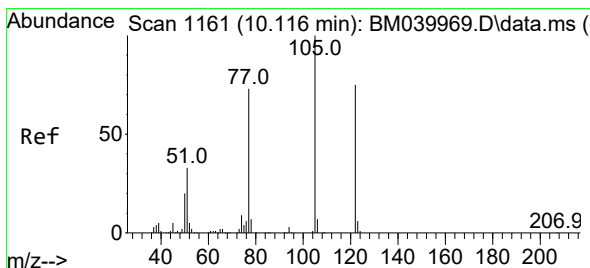
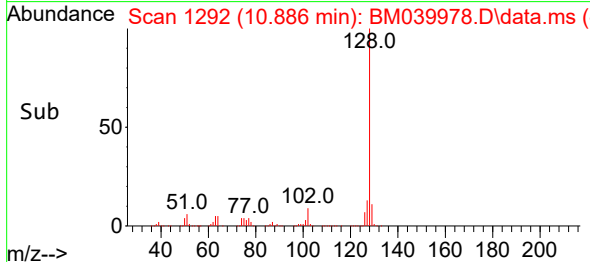
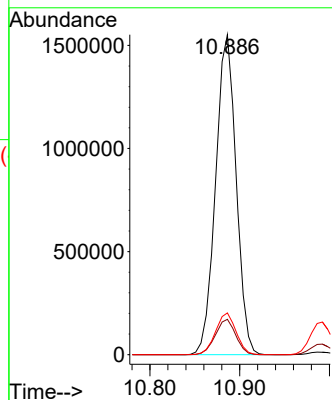
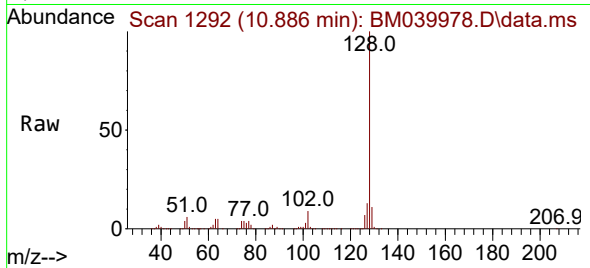




#31
Naphthalene
Concen: 46.872 ng
RT: 10.886 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

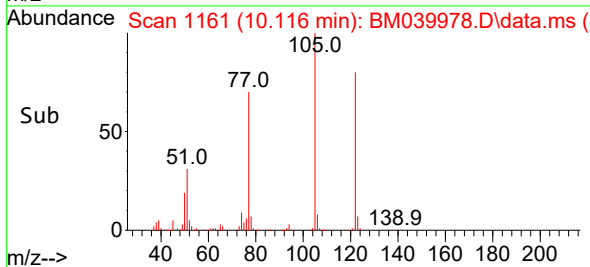
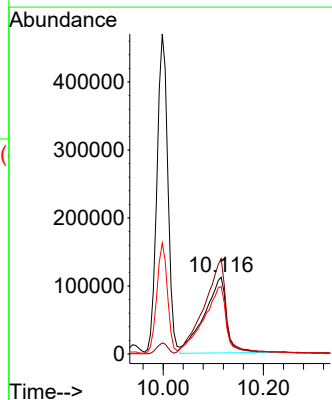
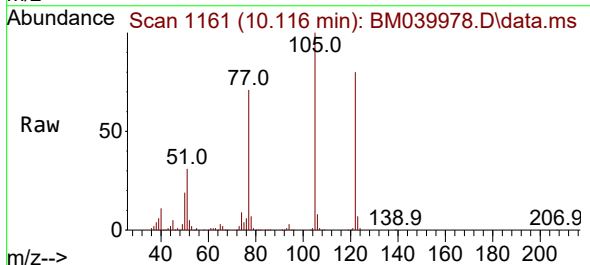
Instrument :
BNA_M
ClientSampleId :
PB152902BS

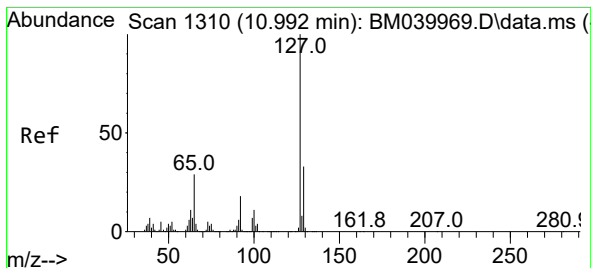
Tgt Ion:128 Resp: 2464922
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 37.242 ng
RT: 10.116 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:122 Resp: 342096
Ion Ratio Lower Upper
122 100
105 124.3 106.0 146.0
77 87.8 74.7 114.7

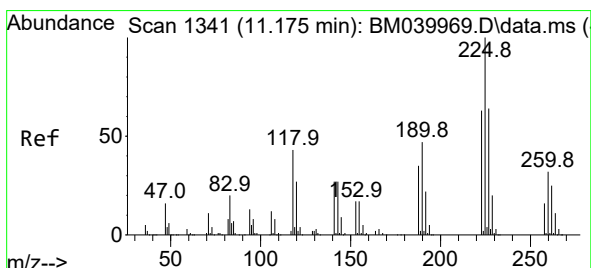
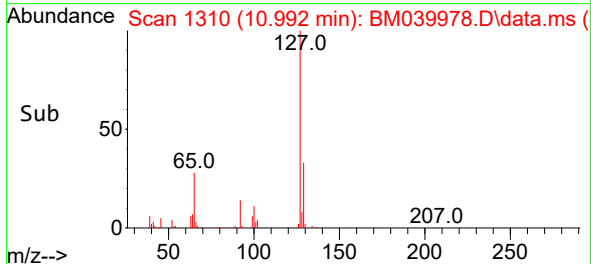
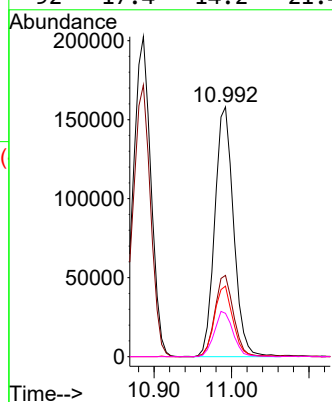
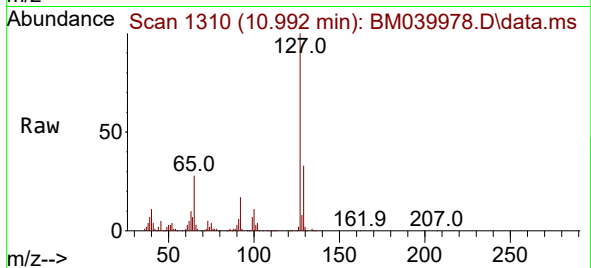




#33
4-Chloroaniline
Concen: 12.027 ng
RT: 10.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

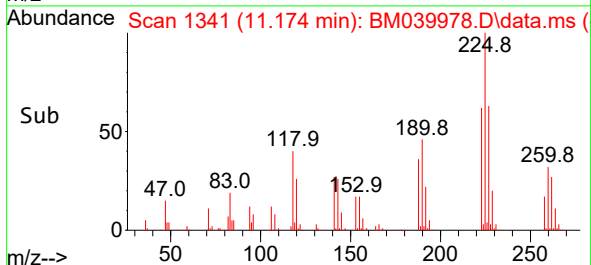
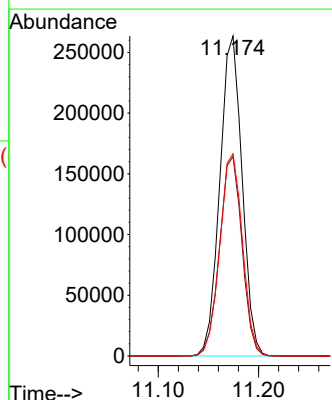
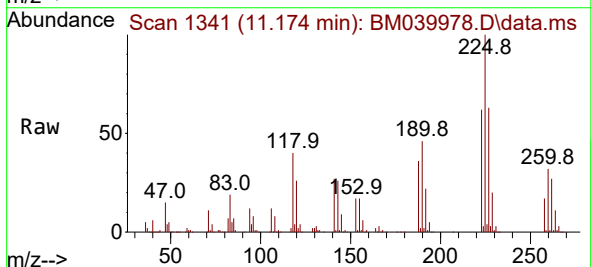
Instrument :
BNA_M
ClientSampleId :
PB152902BS

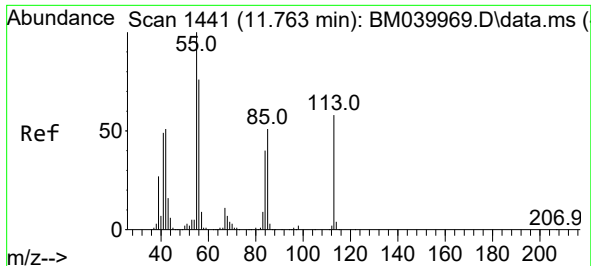
Tgt Ion:	127	Resp:	266520
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	28.3	23.1	34.7
92	17.4	14.2	21.4



#34
Hexachlorobutadiene
Concen: 48.274 ng
RT: 11.174 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:	225	Resp:	405834
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	63.2	51.0	76.4

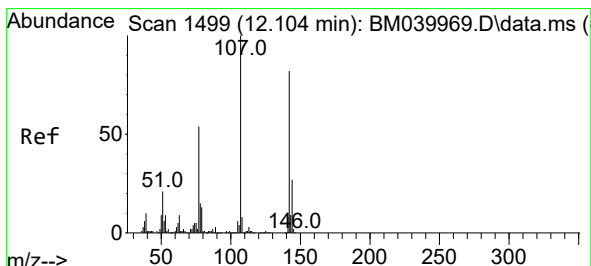
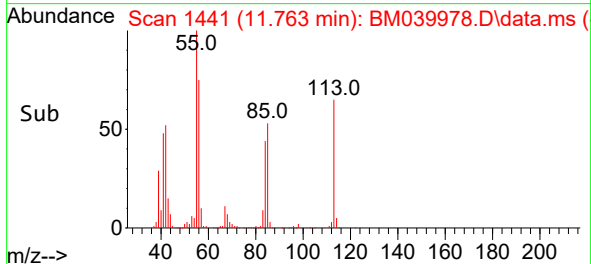
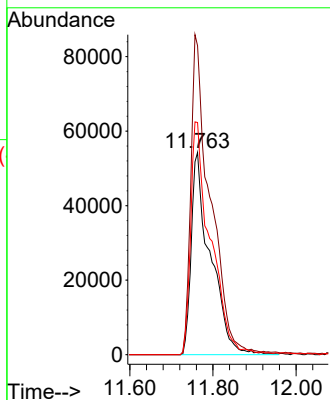
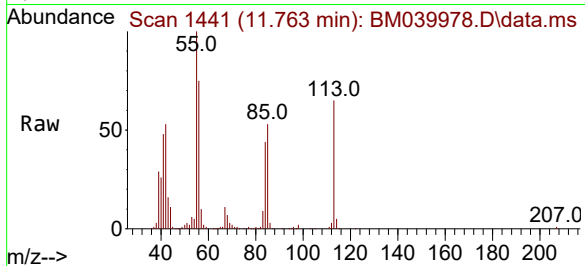




#35
Caprolactam
Concen: 44.762 ng
RT: 11.763 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

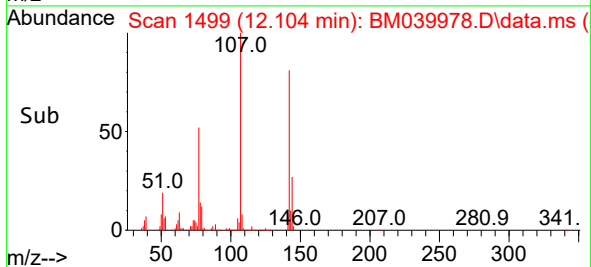
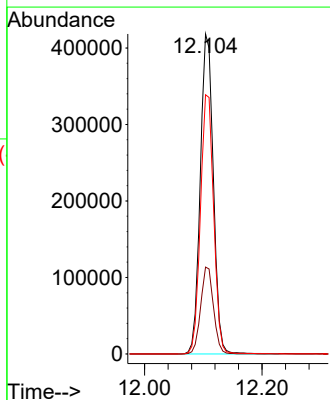
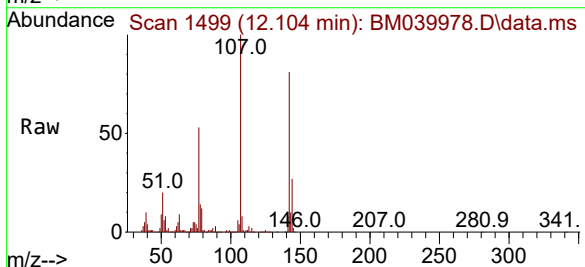
Instrument :
BNA_M
ClientSampleId :
PB152902BS

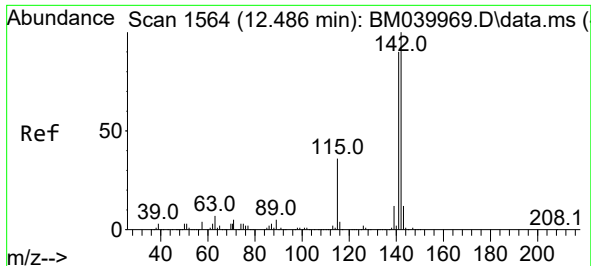
Tgt Ion:113 Resp: 172927
Ion Ratio Lower Upper
113 100
55 152.8 152.5 192.5
56 114.8 111.2 151.2



#36
4-Chloro-3-methylphenol
Concen: 45.649 ng
RT: 12.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:107 Resp: 645519
Ion Ratio Lower Upper
107 100
144 27.2 21.4 32.2
142 81.0 65.8 98.6





#37

2-Methylnaphthalene

Concen: 44.632 ng

RT: 12.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

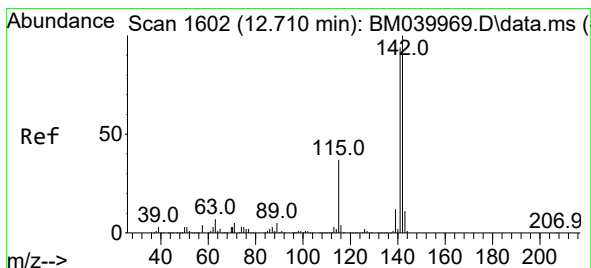
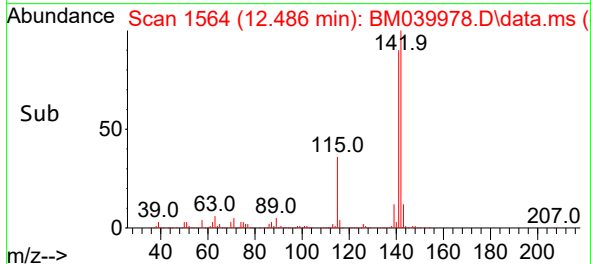
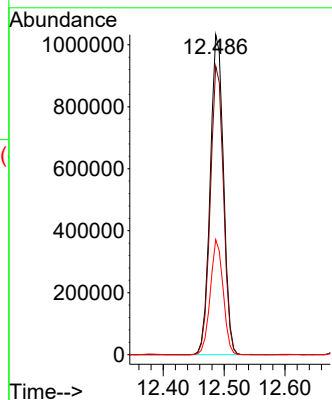
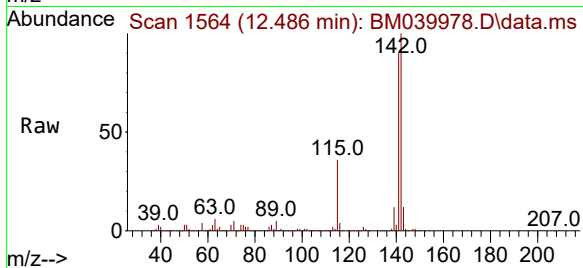
Tgt Ion:142 Resp: 1564456

Ion Ratio Lower Upper

142 100

141 90.2 71.6 107.4

115 35.9 28.8 43.2



#38

1-Methylnaphthalene

Concen: 44.337 ng

RT: 12.704 min Scan# 1601

Delta R.T. -0.006 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

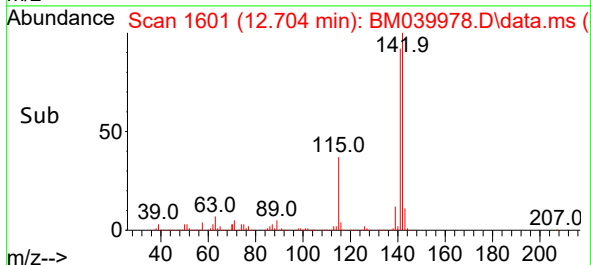
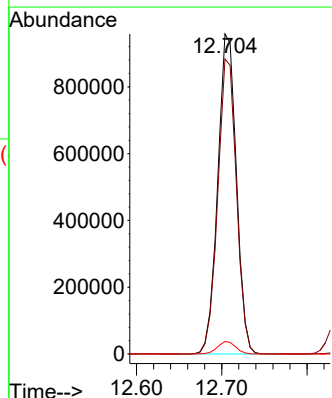
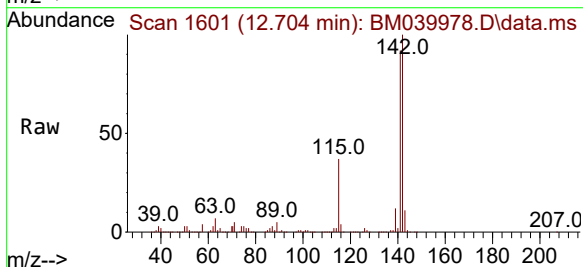
Tgt Ion:142 Resp: 1454770

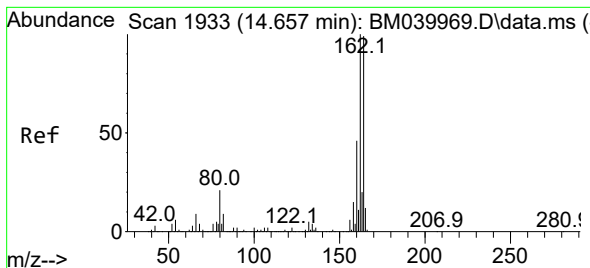
Ion Ratio Lower Upper

142 100

141 92.2 75.1 112.7

116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.651 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

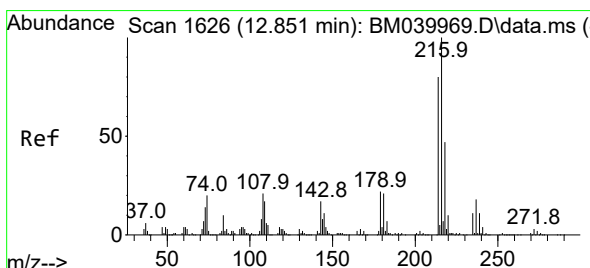
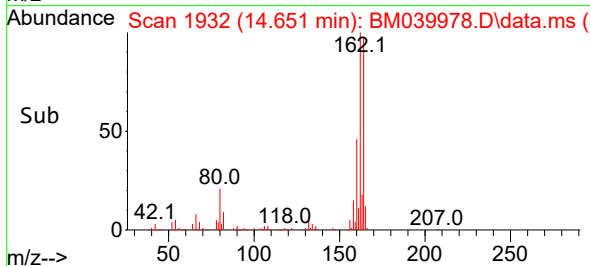
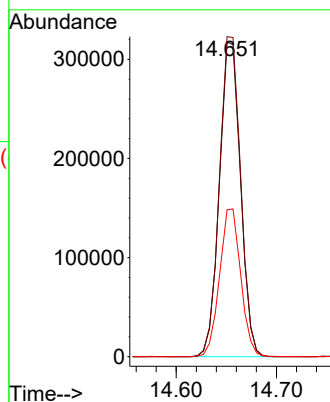
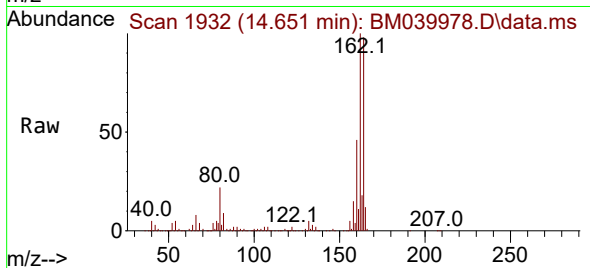
Tgt Ion:164 Resp: 463260

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

160 46.7 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.055 ng

RT: 12.851 min Scan# 1626

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Tgt Ion:216 Resp: 762719

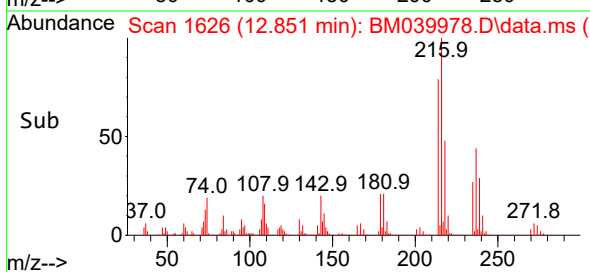
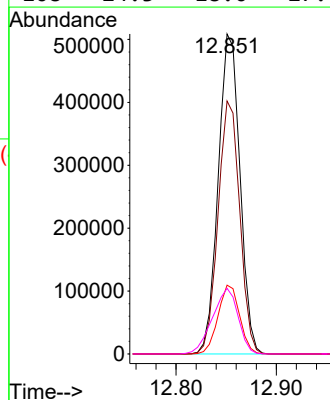
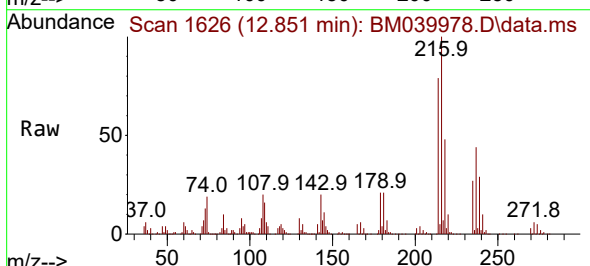
Ion Ratio Lower Upper

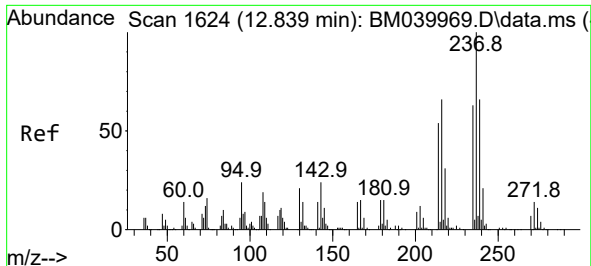
216 100

214 78.9 63.8 95.6

179 21.4 17.4 26.2

108 24.3 18.0 27.0

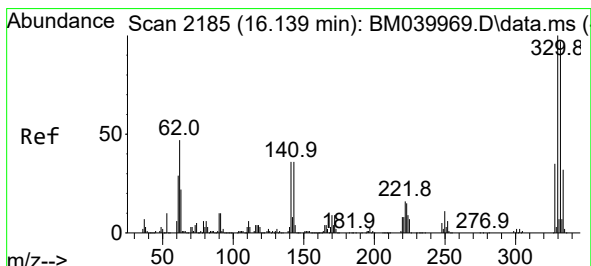
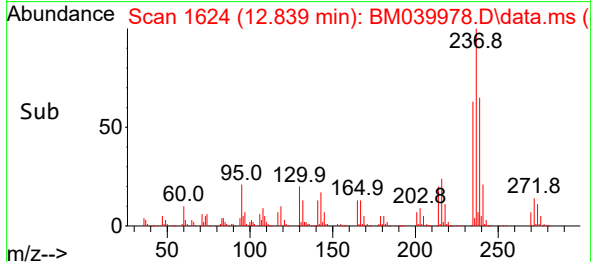
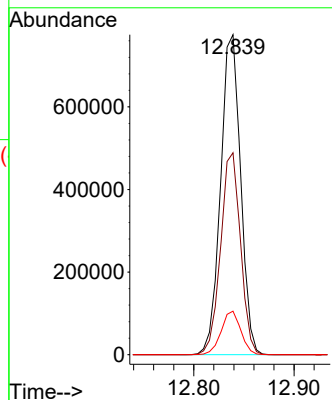
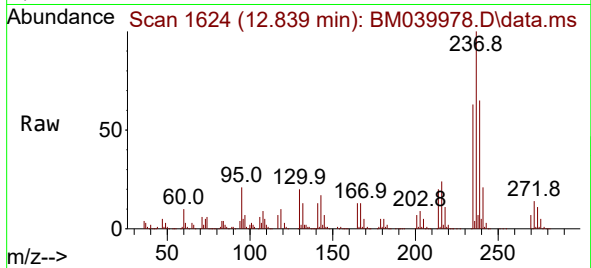




#41
Hexachlorocyclopentadiene
Concen: 141.371 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

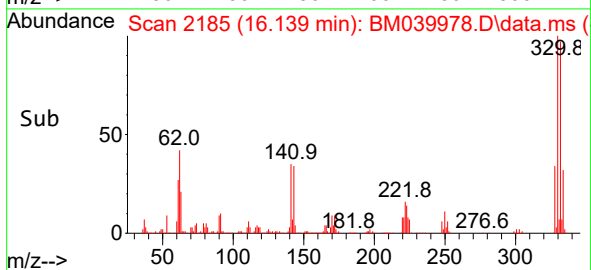
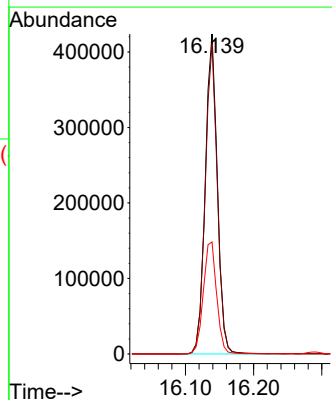
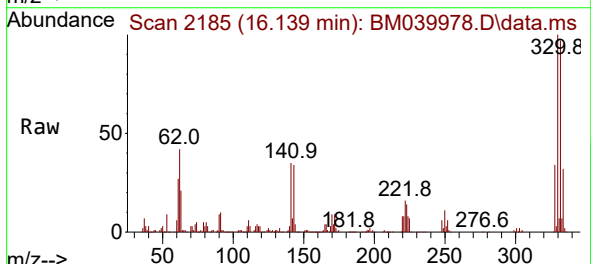
Instrument :
BNA_M
ClientSampleId :
PB152902BS

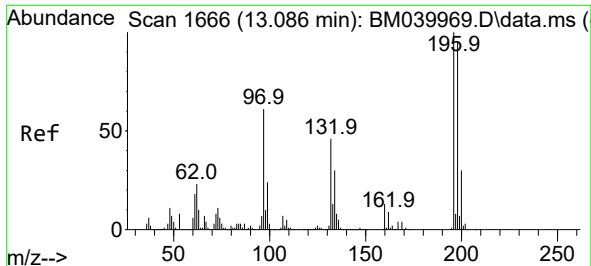
Tgt Ion:237 Resp: 1071559
Ion Ratio Lower Upper
237 100
235 63.1 43.2 83.2
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 87.136 ng
RT: 16.139 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:330 Resp: 523927
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 38.6 31.6 47.4

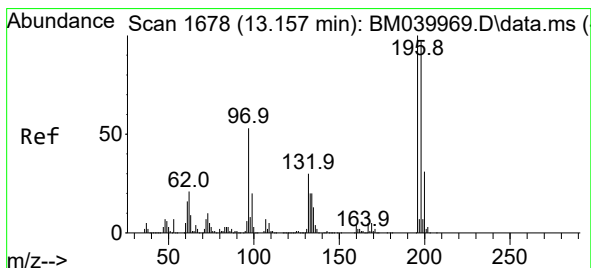
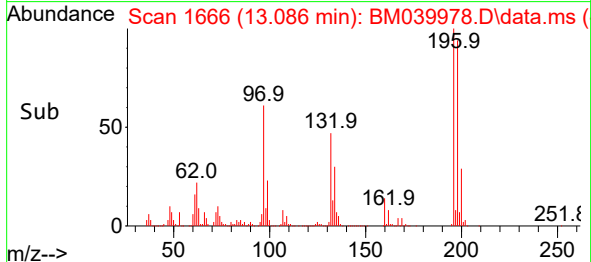
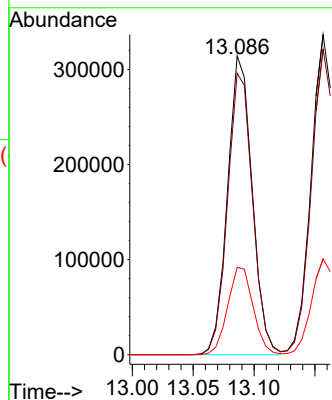
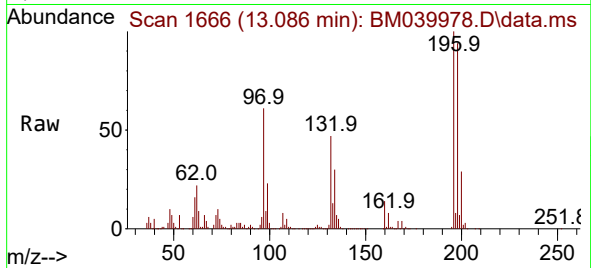




#43
2,4,6-Trichlorophenol
Concen: 49.884 ng
RT: 13.086 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

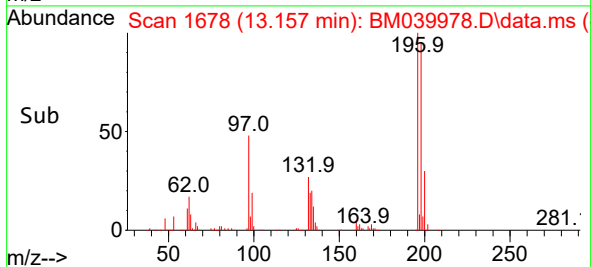
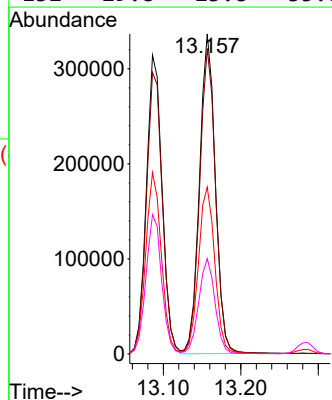
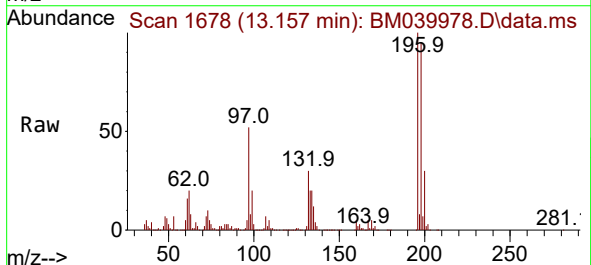
Instrument :
BNA_M
ClientSampleId :
PB152902BS

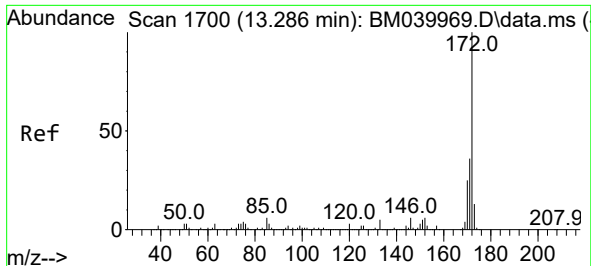
Tgt Ion:196 Resp: 443634
Ion Ratio Lower Upper
196 100
198 94.2 75.7 113.5
200 29.2 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 45.133 ng
RT: 13.157 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:196 Resp: 477747
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 52.1 42.2 63.2
132 29.8 23.8 35.8

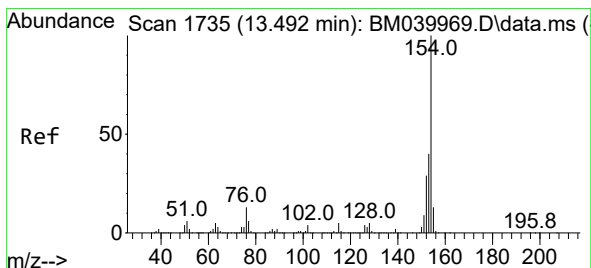
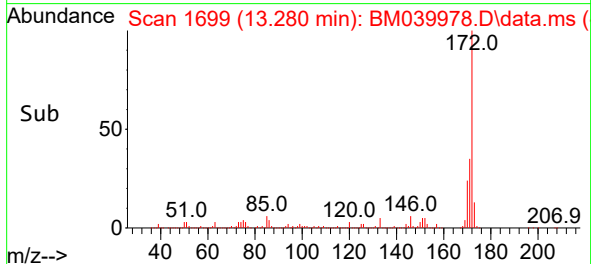
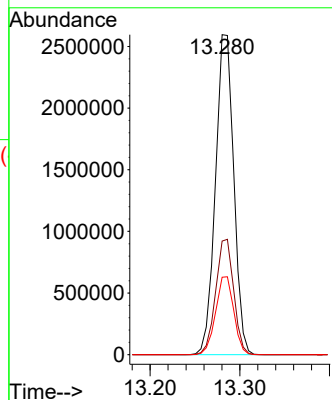
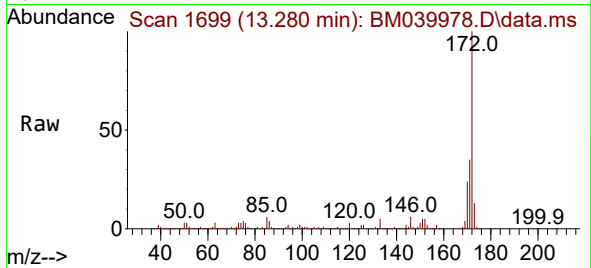




#45
2-Fluorobiphenyl
Concen: 93.685 ng
RT: 13.280 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

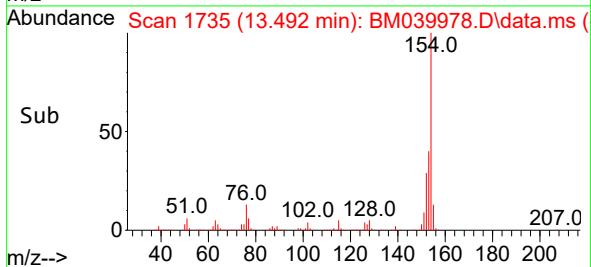
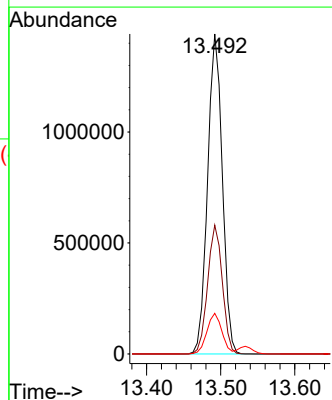
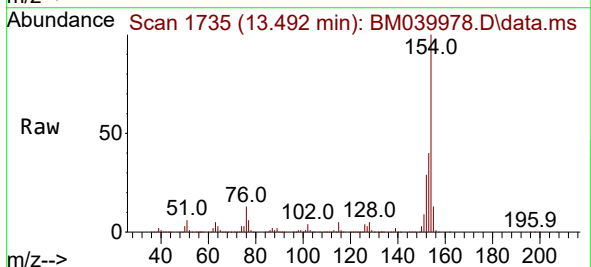
Instrument :
BNA_M
ClientSampleId :
PB152902BS

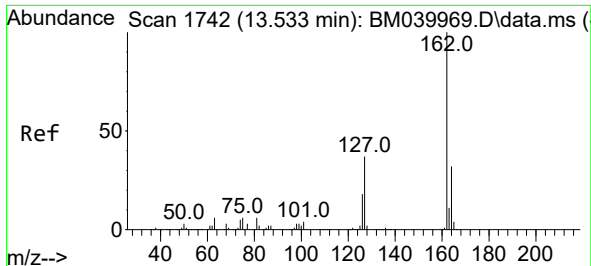
Tgt Ion:172 Resp: 3679630
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.2 19.6 29.4



#46
1,1'-Biphenyl
Concen: 50.091 ng
RT: 13.492 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:154 Resp: 1986705
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 12.7 0.0 33.1

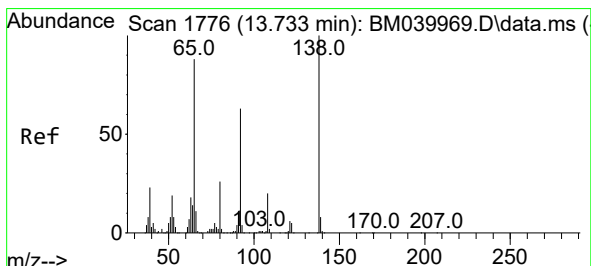
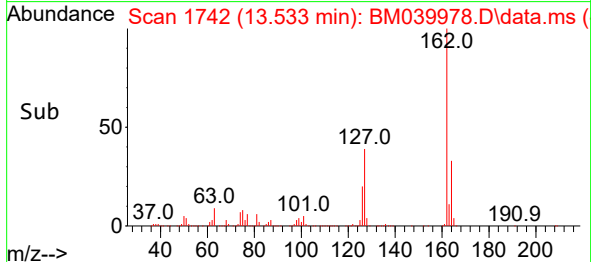
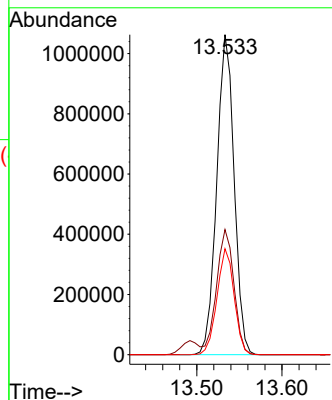
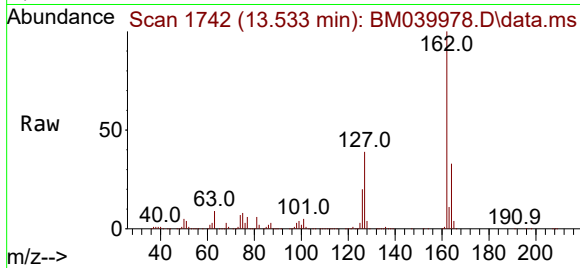




#47
2-Chloronaphthalene
Concen: 50.942 ng
RT: 13.533 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

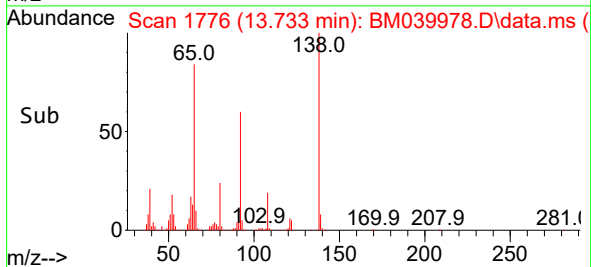
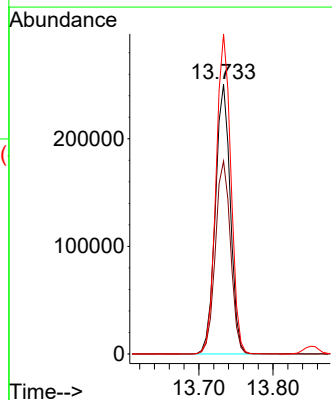
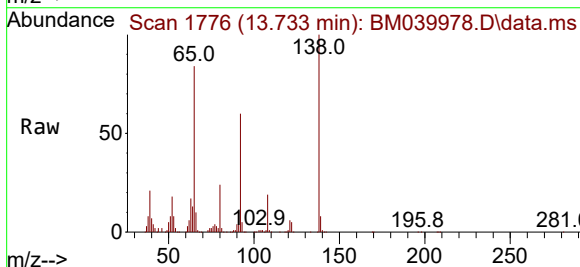
Instrument :
BNA_M
ClientSampleId :
PB152902BS

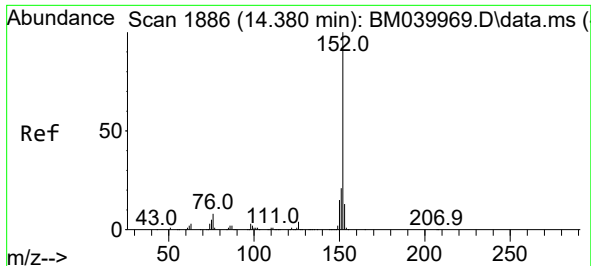
Tgt Ion:162 Resp: 1508164
Ion Ratio Lower Upper
162 100
127 39.1 31.3 46.9
164 33.1 25.8 38.8



#48
2-Nitroaniline
Concen: 44.135 ng
RT: 13.733 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 65 Resp: 351796
Ion Ratio Lower Upper
65 100
92 71.5 57.0 85.6
138 118.7 91.1 136.7

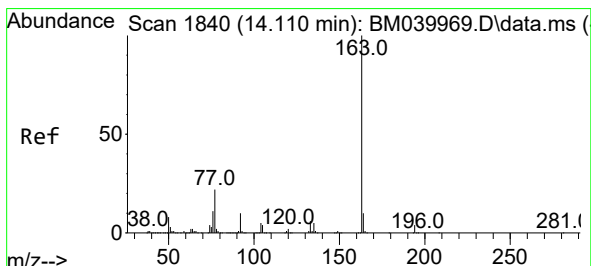
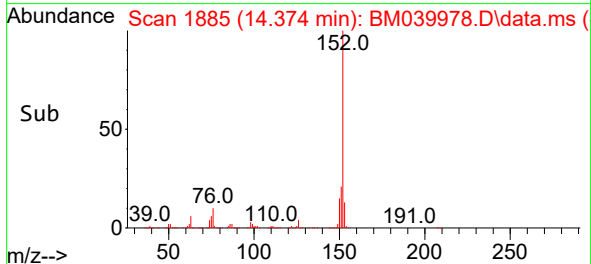
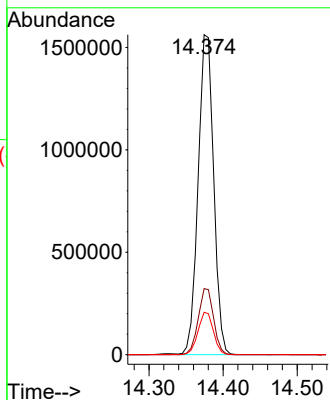
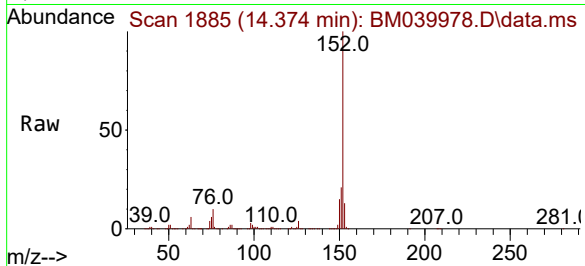




#49
Acenaphthylene
Concen: 49.178 ng
RT: 14.374 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

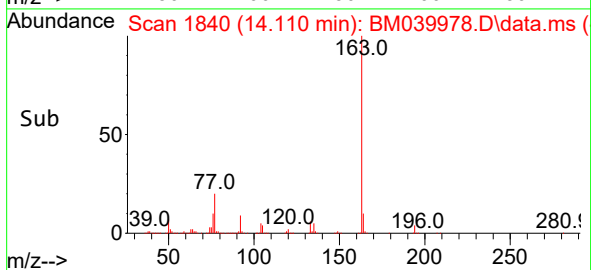
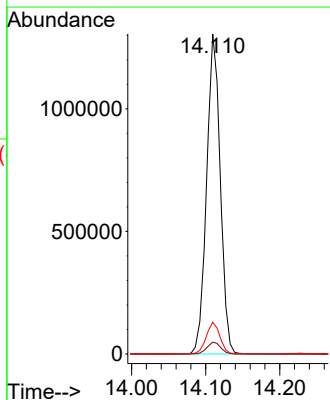
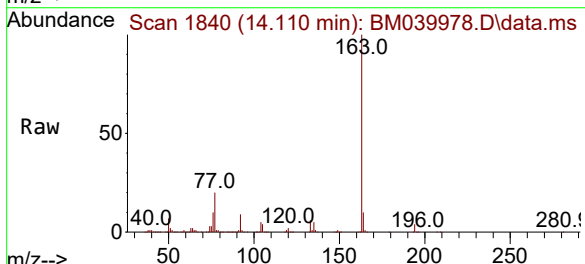
Instrument :
BNA_M
ClientSampleId :
PB152902BS

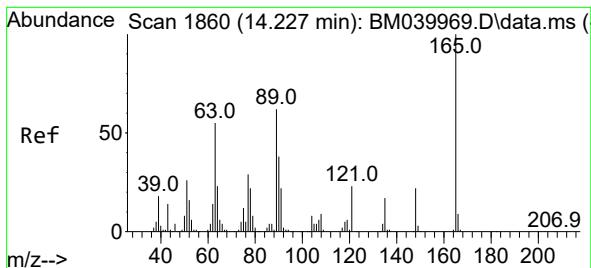
Tgt Ion:152 Resp: 2279274
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.3 10.3 15.5



#50
Dimethylphthalate
Concen: 47.879 ng
RT: 14.110 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:163 Resp: 1672029
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 8.2 12.2

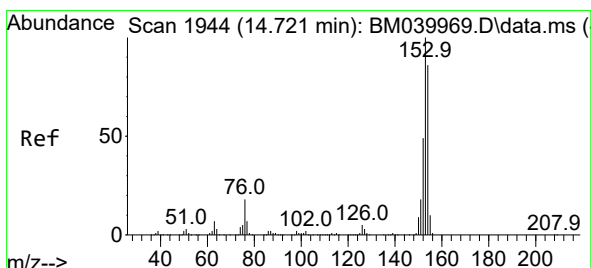
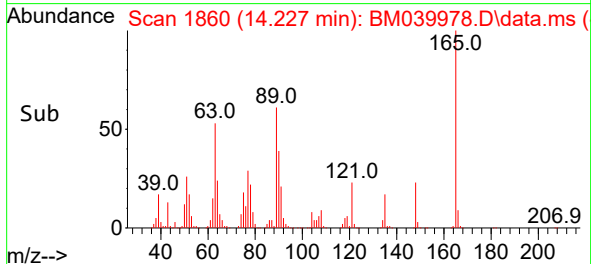
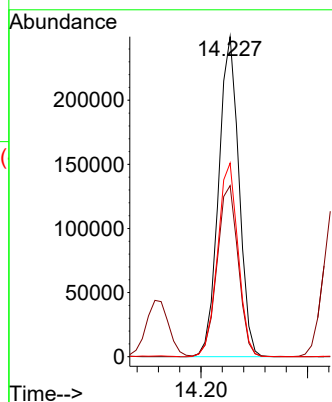
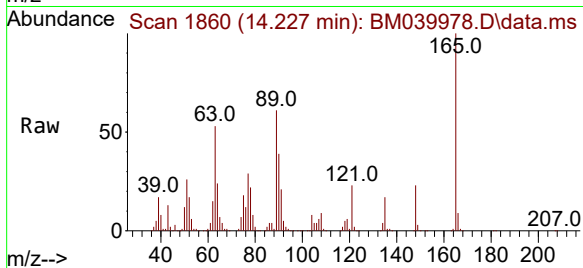




#51
2,6-Dinitrotoluene
Concen: 49.275 ng
RT: 14.227 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

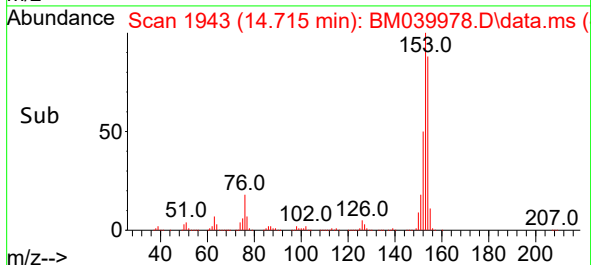
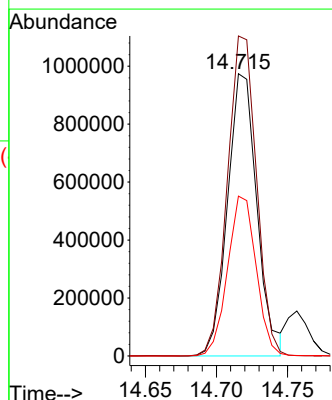
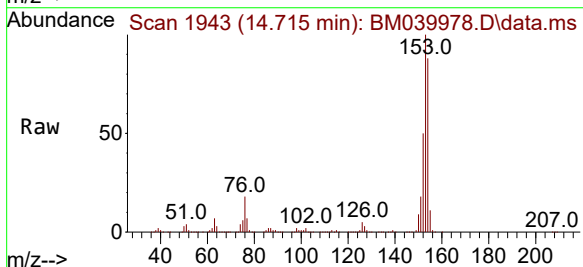
Instrument :
BNA_M
ClientSampleId :
PB152902BS

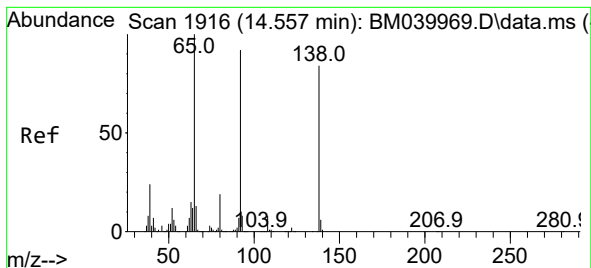
Tgt Ion:165 Resp: 329190
Ion Ratio Lower Upper
165 100
63 53.5 45.3 67.9
89 60.5 49.5 74.3



#52
Acenaphthene
Concen: 46.316 ng
RT: 14.715 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:154 Resp: 1402567
Ion Ratio Lower Upper
154 100
153 113.4 92.6 139.0
152 56.6 45.5 68.3

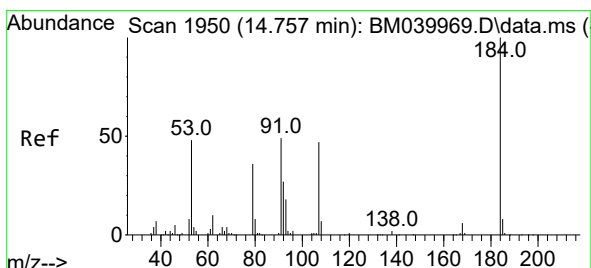
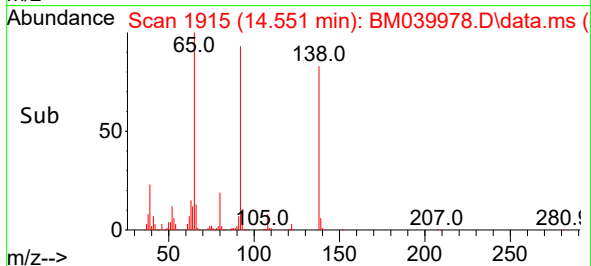
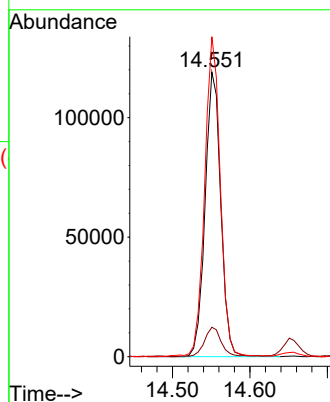
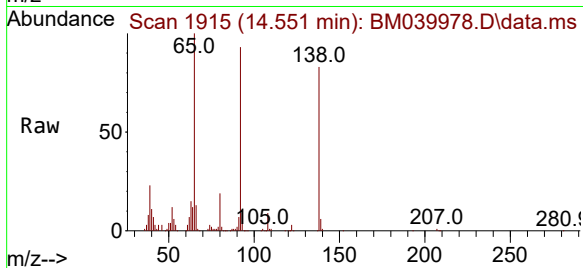




#53
3-Nitroaniline
Concen: 21.104 ng
RT: 14.551 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

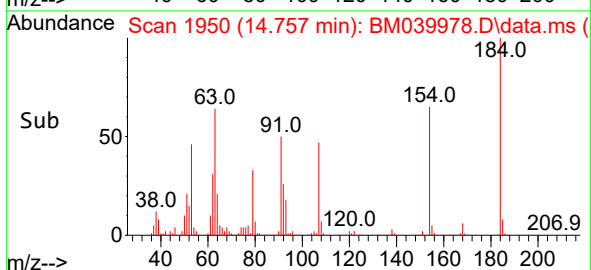
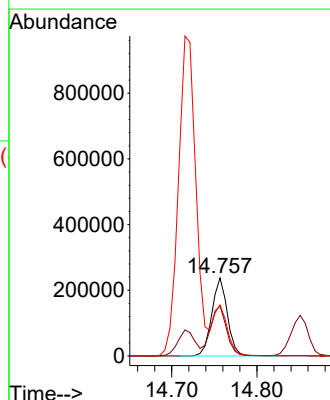
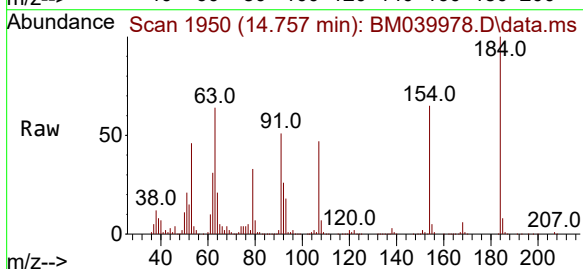
Instrument :
BNA_M
ClientSampleId :
PB152902BS

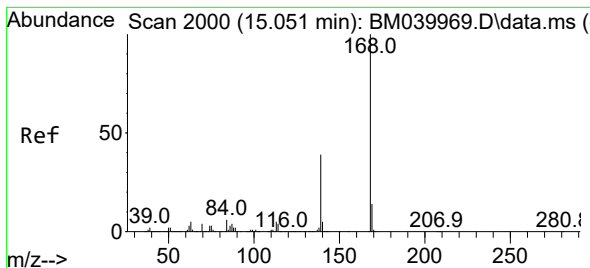
Tgt Ion:138 Resp: 166782
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.6
92 112.5 87.7 131.5



#54
2,4-Dinitrophenol
Concen: 81.143 ng
RT: 14.757 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:184 Resp: 302158
Ion Ratio Lower Upper
184 100
63 64.0 53.0 79.4
154 65.5 54.4 81.6

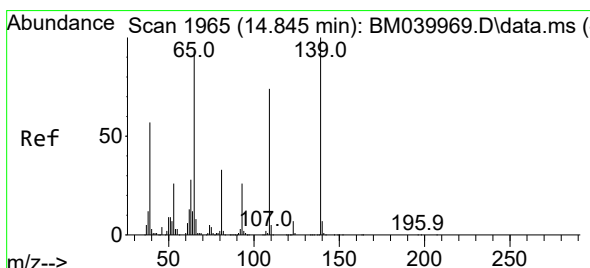
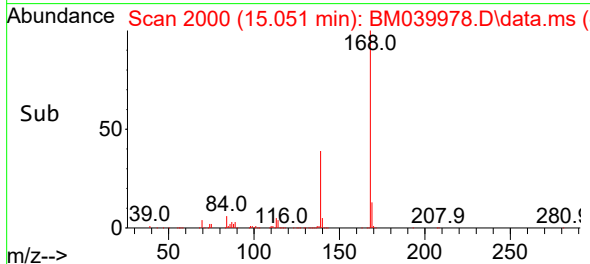
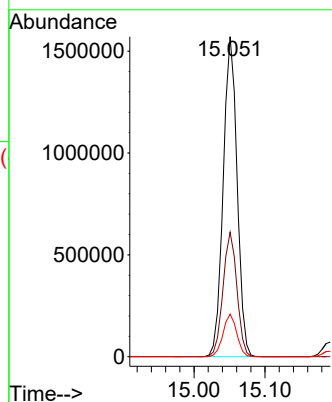
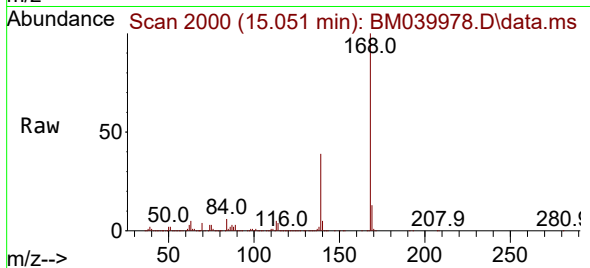




#55
Dibenzofuran
Concen: 47.481 ng
RT: 15.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

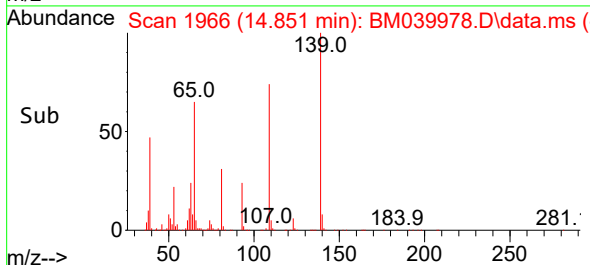
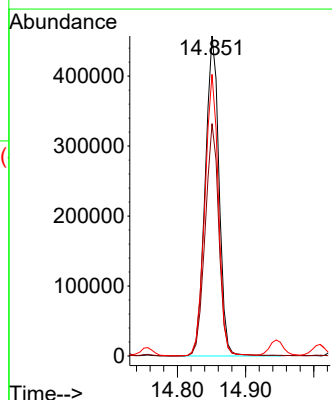
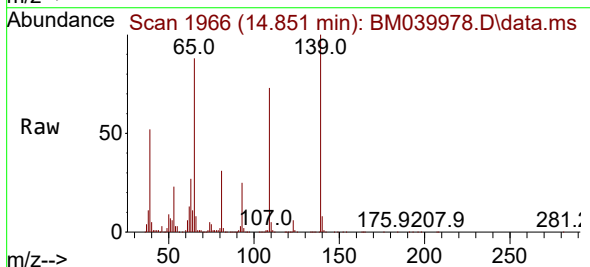
Instrument :
BNA_M
ClientSampleId :
PB152902BS

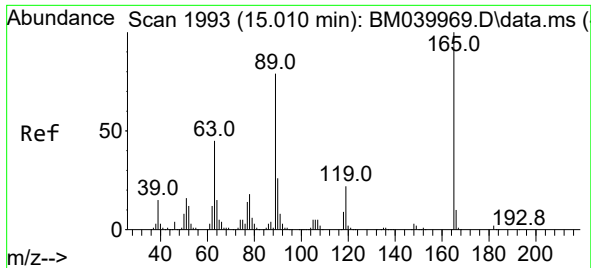
Tgt Ion:168 Resp: 2122600
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 105.832 ng
RT: 14.851 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:139 Resp: 646999
Ion Ratio Lower Upper
139 100
109 72.6 53.9 93.9
65 88.0 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 45.781 ng

RT: 15.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

Tgt Ion:165 Resp: 438561

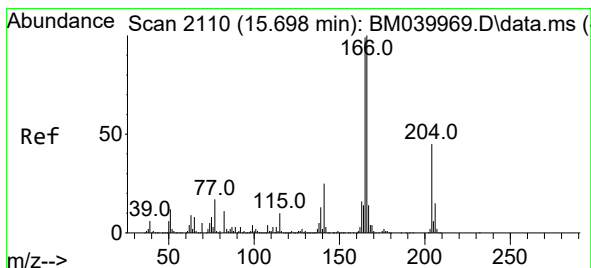
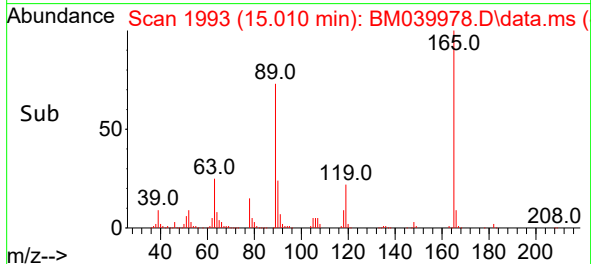
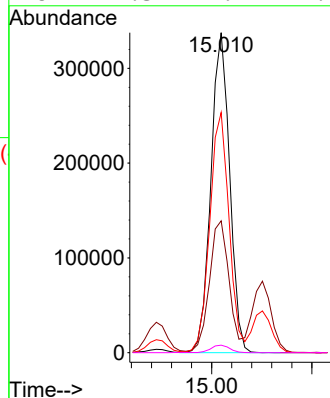
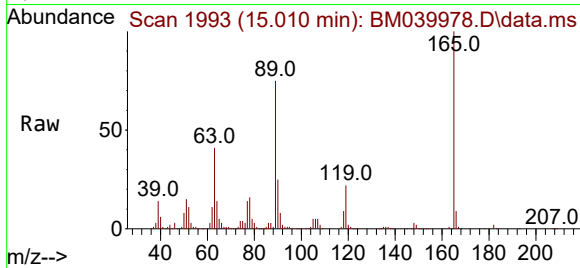
Ion Ratio Lower Upper

165 100

63 41.2 36.2 54.2

89 75.1 63.4 95.0

182 2.3 1.9 2.9



#58

Fluorene

Concen: 47.434 ng

RT: 15.698 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

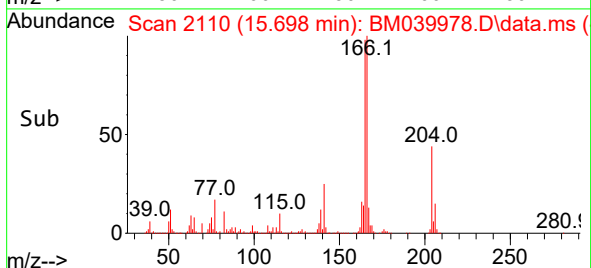
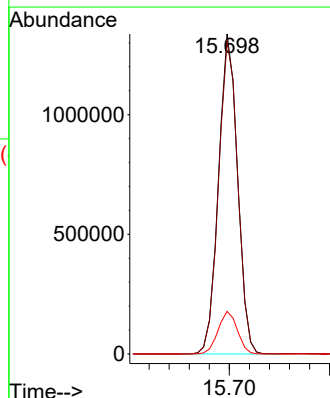
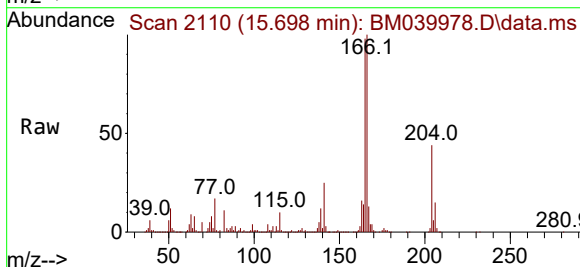
Tgt Ion:166 Resp: 1762741

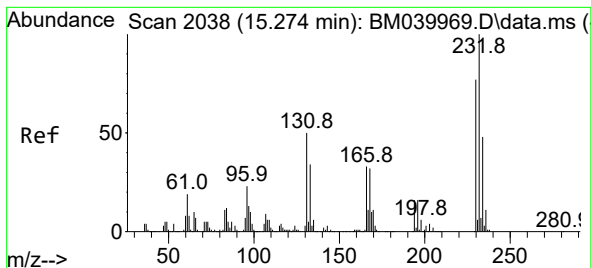
Ion Ratio Lower Upper

166 100

165 97.7 79.5 119.3

167 13.3 11.0 16.6

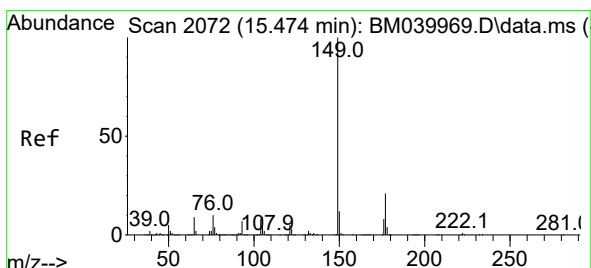
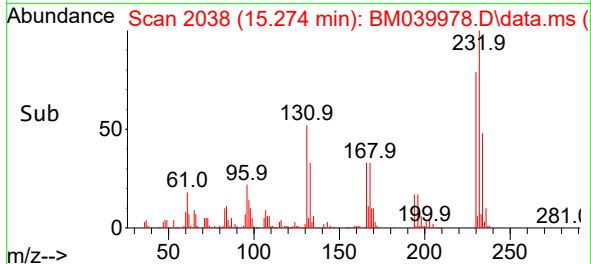
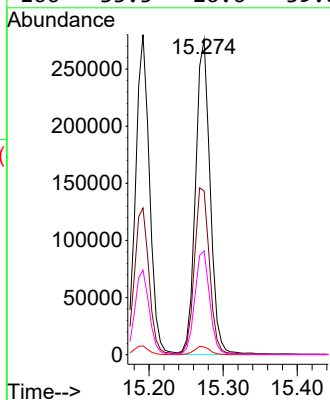
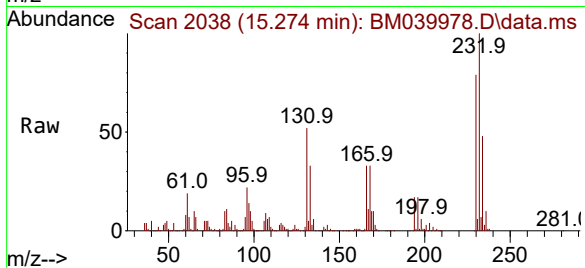




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.857 ng
RT: 15.274 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

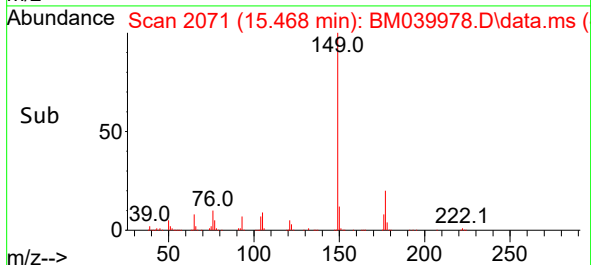
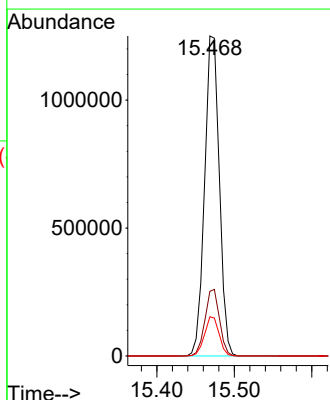
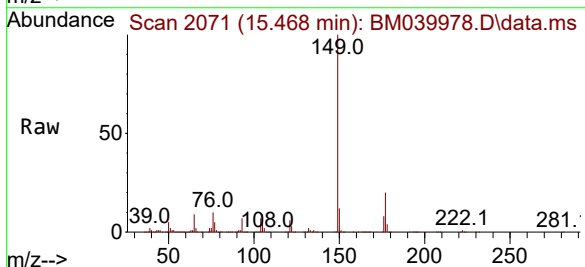
Instrument :
BNA_M
ClientSampleId :
PB152902BS

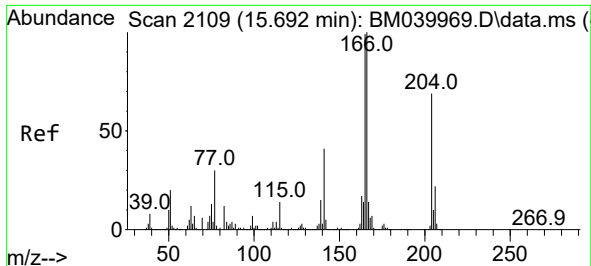
Tgt Ion:232 Resp: 376734
Ion Ratio Lower Upper
232 100
131 55.0 42.8 64.2
130 2.8 2.3 3.5
166 33.5 26.6 39.8



#60
Diethylphthalate
Concen: 47.834 ng
RT: 15.468 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:149 Resp: 1651149
Ion Ratio Lower Upper
149 100
177 20.2 16.8 25.2
150 12.3 9.5 14.3

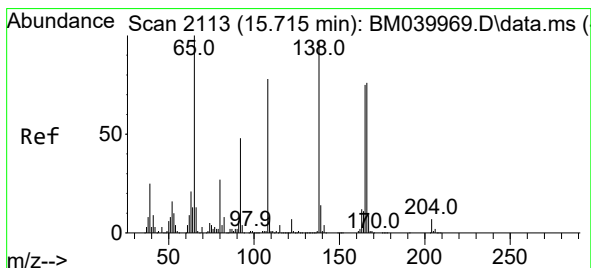
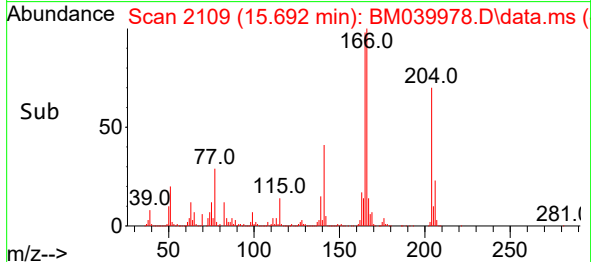
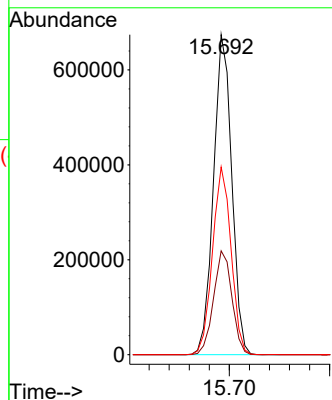
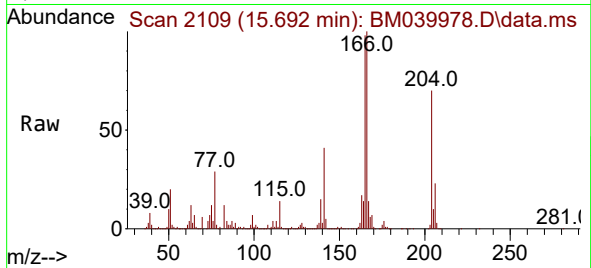




#61
4-Chlorophenyl-phenylether
Concen: 46.856 ng
RT: 15.692 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

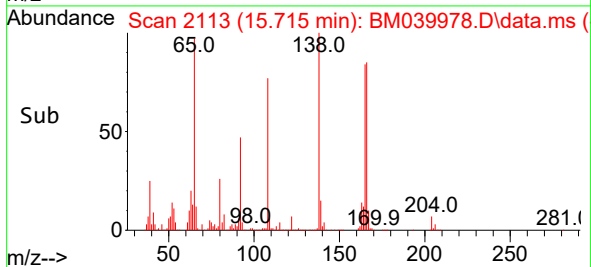
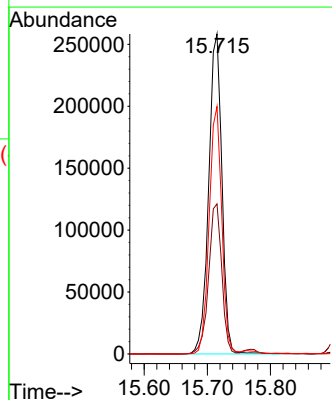
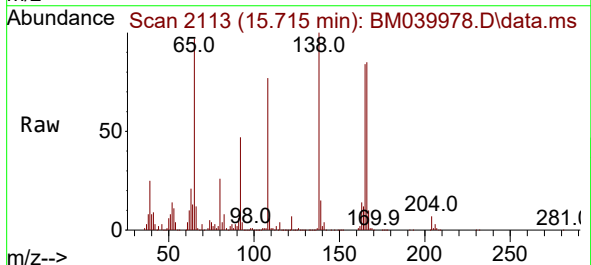
Instrument :
BNA_M
ClientSampleId :
PB152902BS

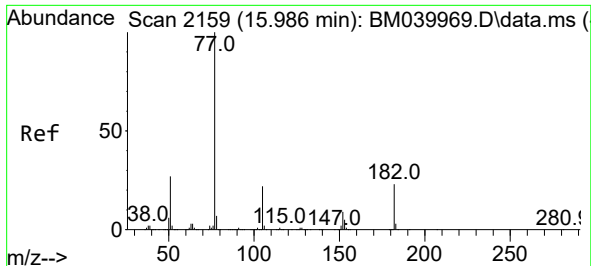
Tgt Ion:204 Resp: 851909
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 58.7 46.9 70.3



#62
4-Nitroaniline
Concen: 45.581 ng
RT: 15.715 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:138 Resp: 375160
Ion Ratio Lower Upper
138 100
92 46.9 29.1 69.1
108 77.3 60.0 100.0

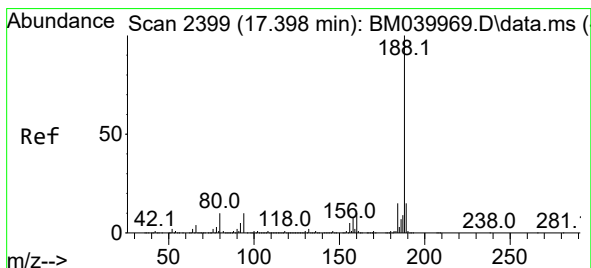
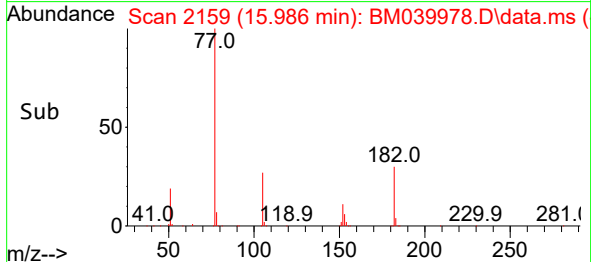
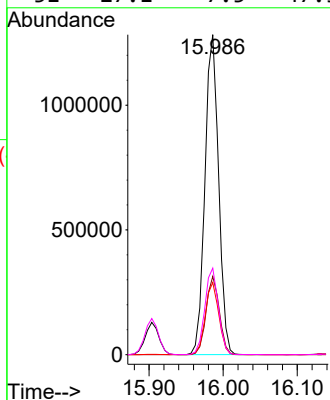
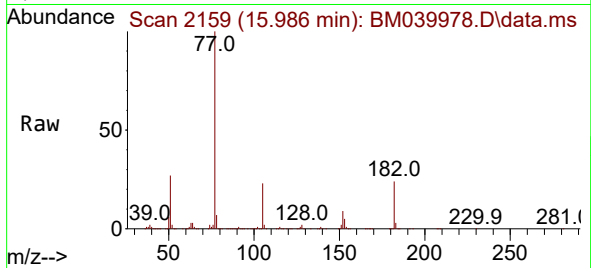




#63
Azobenzene
Concen: 47.760 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

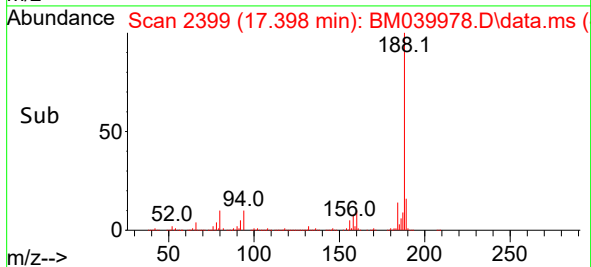
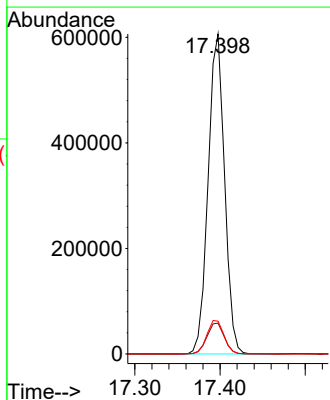
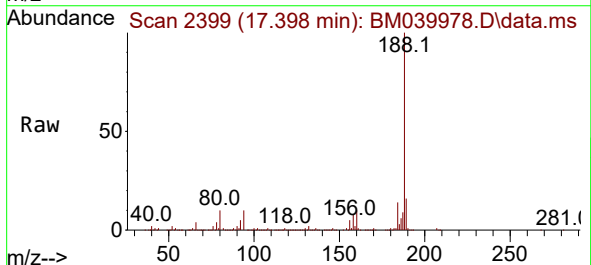
Instrument :
BNA_M
ClientSampleId :
PB152902BS

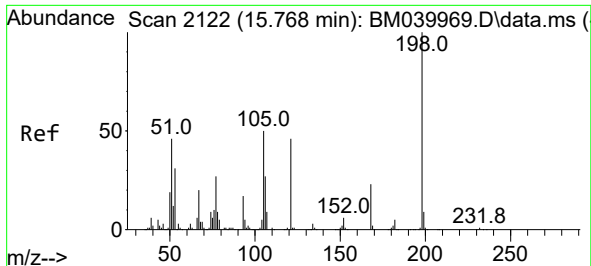
Tgt Ion: 77 Resp: 1643646
Ion Ratio Lower Upper
77 100
182 24.5 2.9 42.9
105 22.6 1.5 41.5
51 27.1 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.398 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion: 188 Resp: 812987
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.8
80 10.3 8.2 12.4

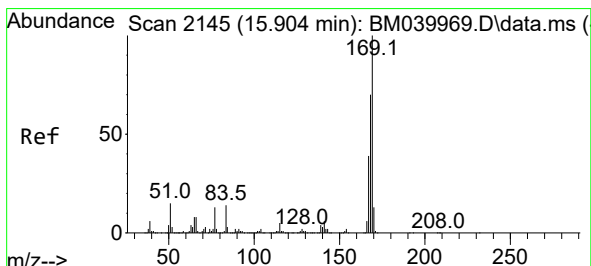
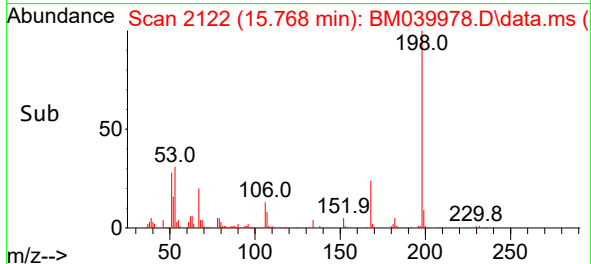
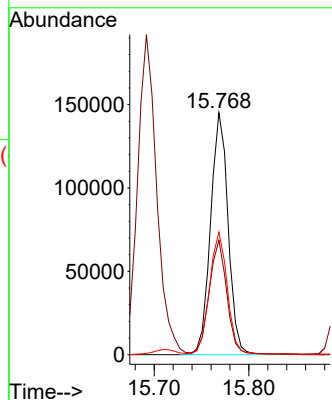
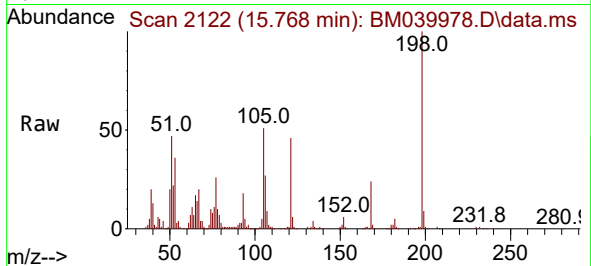




#65
4,6-Dinitro-2-methylphenol
Concen: 42.760 ng
RT: 15.768 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

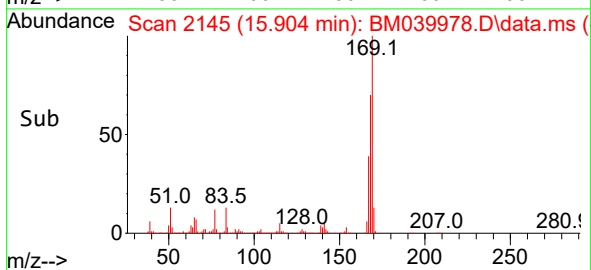
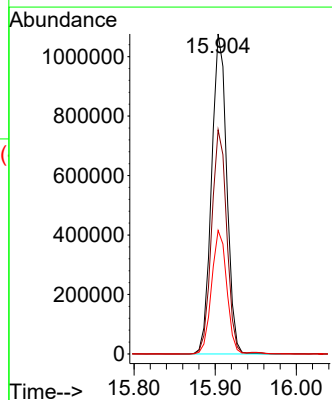
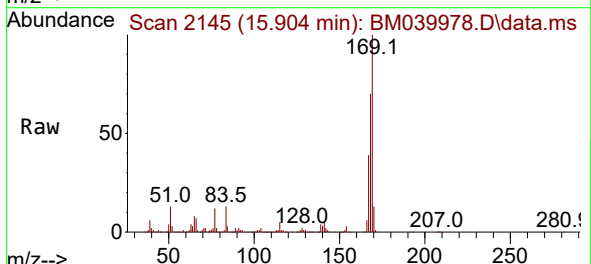
Instrument :
BNA_M
ClientSampleId :
PB152902BS

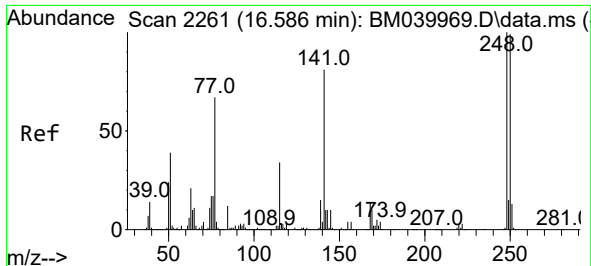
Tgt Ion:198 Resp: 187025
Ion Ratio Lower Upper
198 100
51 47.3 29.9 69.9
105 50.7 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 49.874 ng
RT: 15.904 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:169 Resp: 1394365
Ion Ratio Lower Upper
169 100
168 70.1 56.0 84.0
167 38.6 31.0 46.6

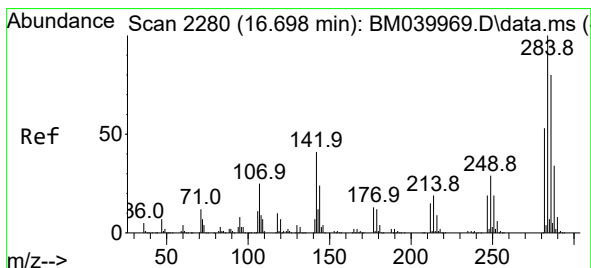
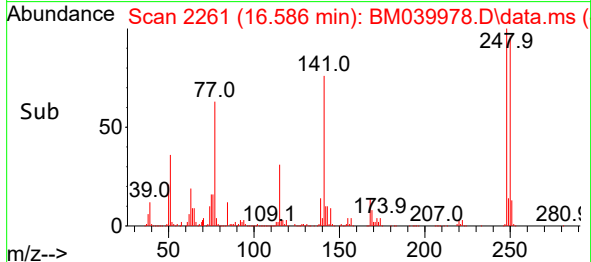
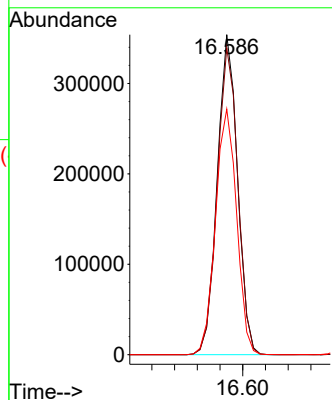
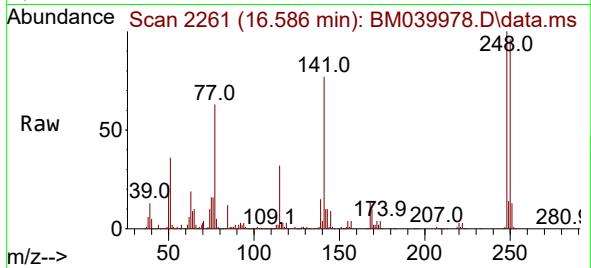




#67
4-Bromophenyl-phenylether
Concen: 48.947 ng
RT: 16.586 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

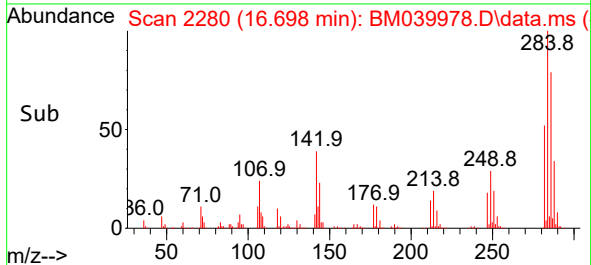
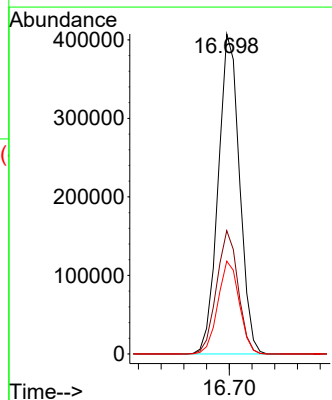
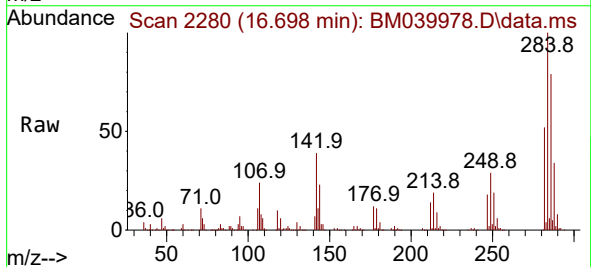
Instrument :
BNA_M
ClientSampleId :
PB152902BS

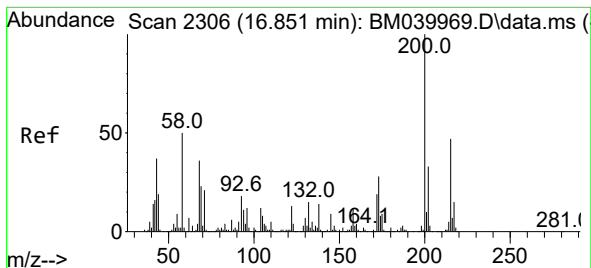
Tgt Ion:248 Resp: 439696
Ion Ratio Lower Upper
248 100
250 95.9 79.4 119.0
141 76.7 64.8 97.2



#68
Hexachlorobenzene
Concen: 51.806 ng
RT: 16.698 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:284 Resp: 531828
Ion Ratio Lower Upper
284 100
142 38.6 32.4 48.6
249 29.0 23.4 35.2





#69

Atrazine

Concen: 60.337 ng

RT: 16.856 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

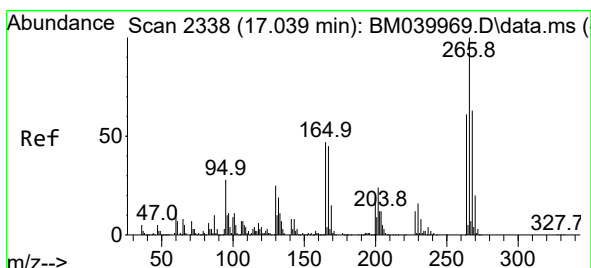
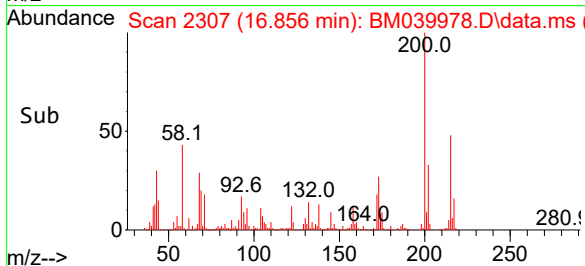
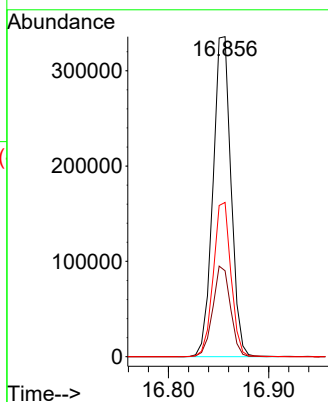
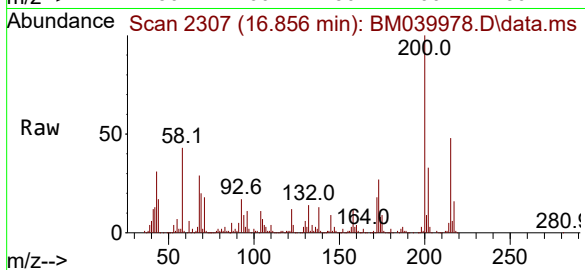
Tgt Ion:200 Resp: 419599

Ion Ratio Lower Upper

200 100

173 26.8 7.7 47.7

215 48.2 27.5 67.5



#70

Pentachlorophenol

Concen: 91.791 ng

RT: 17.039 min Scan# 2338

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

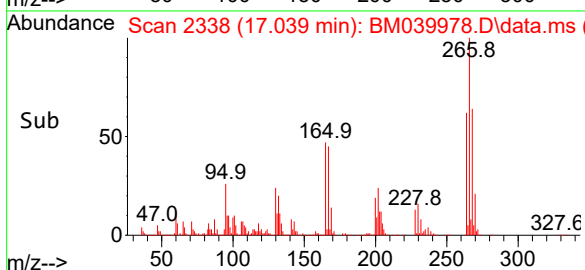
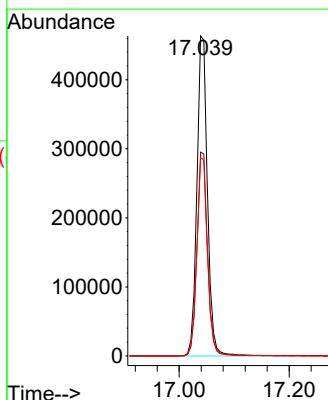
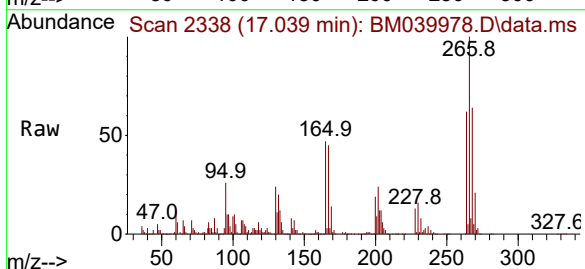
Tgt Ion:266 Resp: 618582

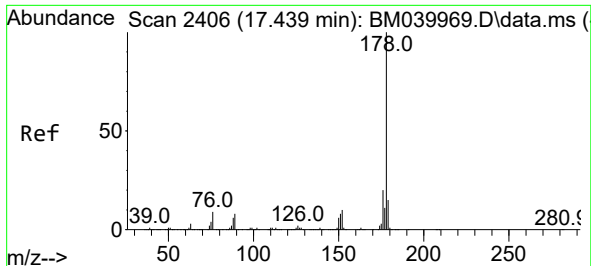
Ion Ratio Lower Upper

266 100

268 63.7 50.2 75.4

264 62.0 49.0 73.6

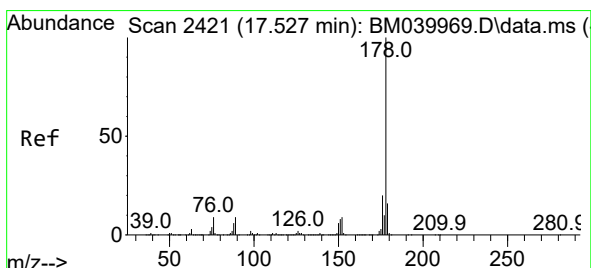
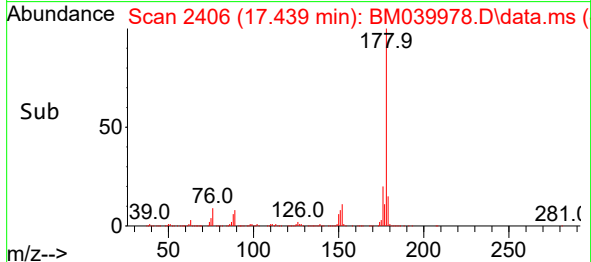
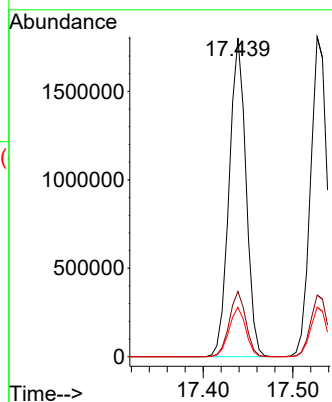
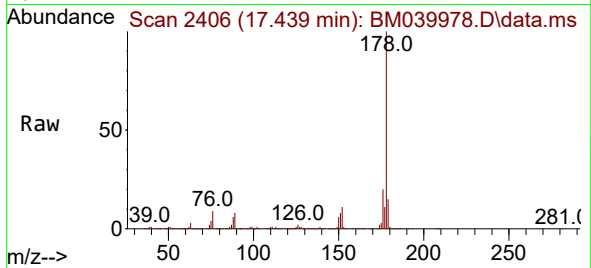




#71
Phenanthrene
Concen: 48.183 ng
RT: 17.439 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

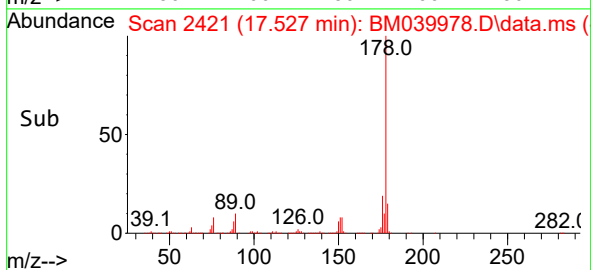
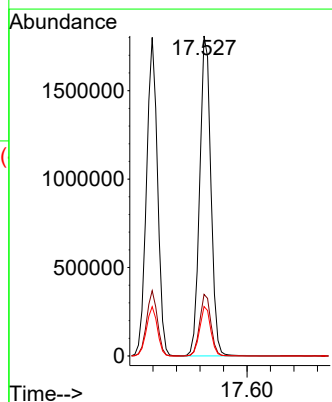
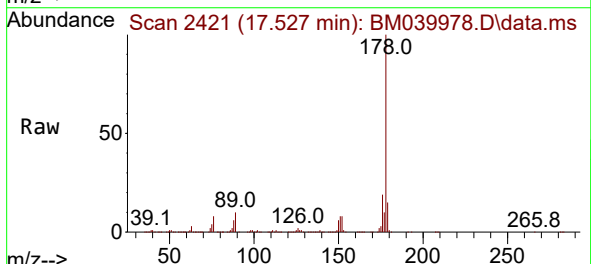
Instrument :
BNA_M
ClientSampleId :
PB152902BS

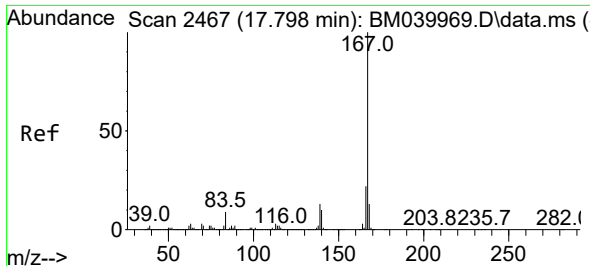
Tgt Ion:178 Resp: 2343051
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 49.400 ng
RT: 17.527 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:178 Resp: 2380095
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.5 12.5 18.7

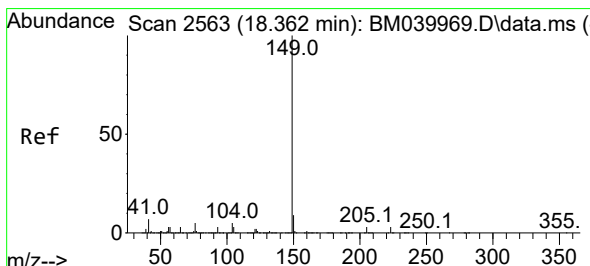
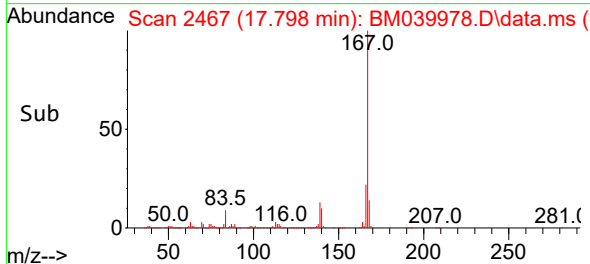
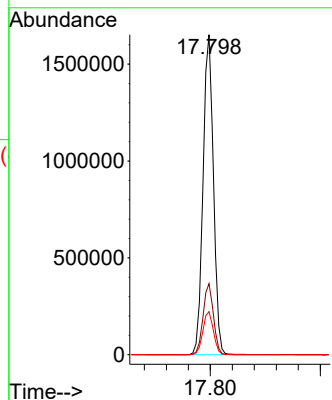
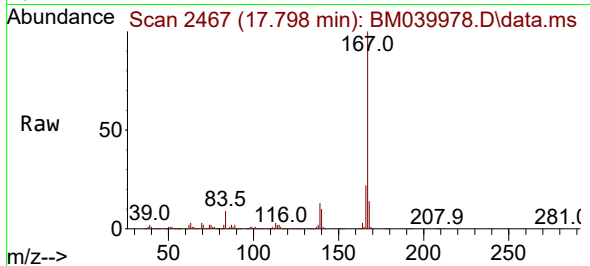




#73
 Carbazole
 Concen: 49.894 ng
 RT: 17.798 min Scan# 2467
 Delta R.T. -0.000 min
 Lab File: BM039978.D
 Acq: 24 May 2023 11:22

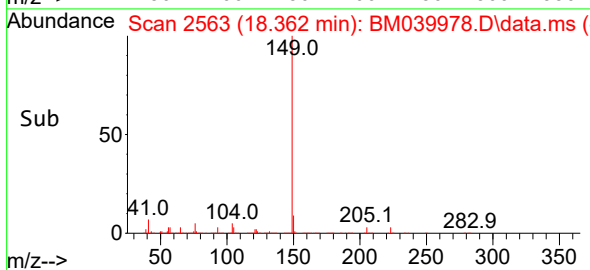
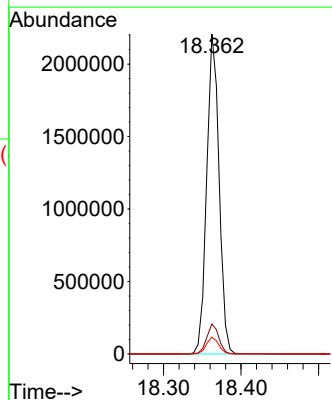
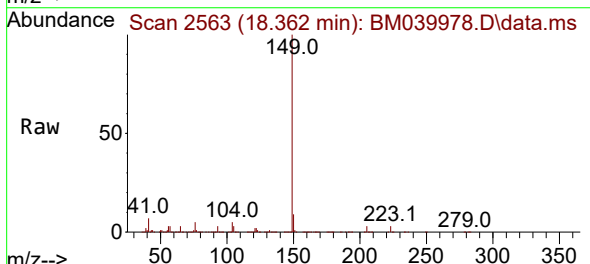
Instrument :
 BNA_M
 ClientSampleId :
 PB152902BS

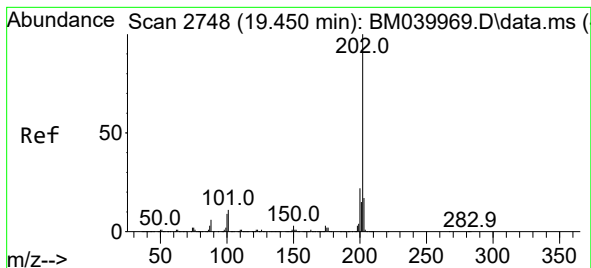
Tgt Ion:167 Resp: 2171831
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 44.203 ng
 RT: 18.362 min Scan# 2563
 Delta R.T. 0.000 min
 Lab File: BM039978.D
 Acq: 24 May 2023 11:22

Tgt Ion:149 Resp: 2442497
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 46.966 ng

RT: 19.450 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

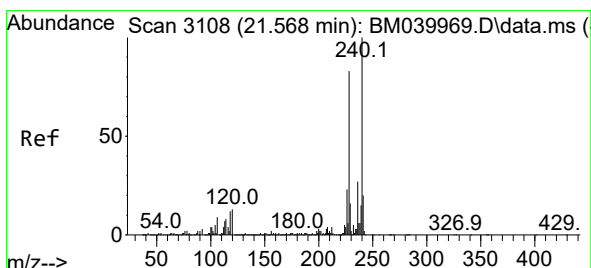
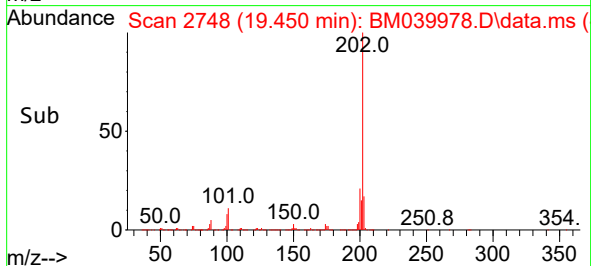
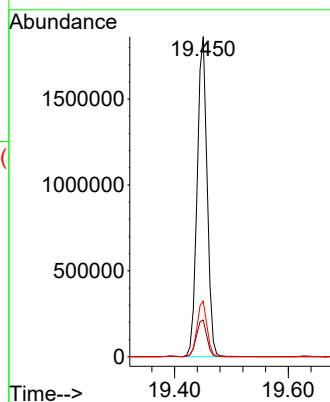
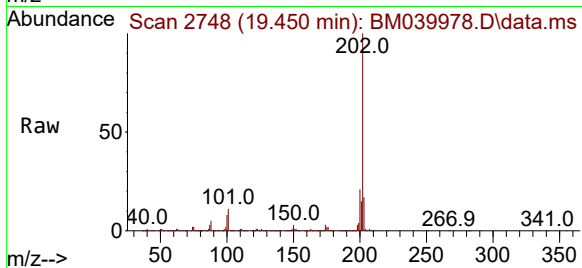
Tgt Ion:202 Resp: 2276279

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

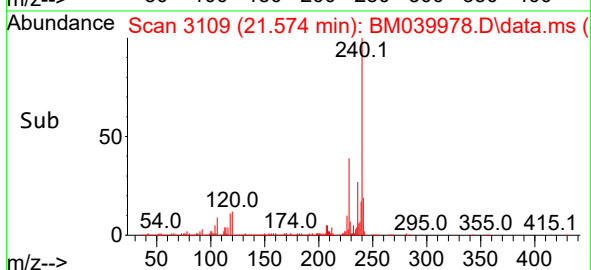
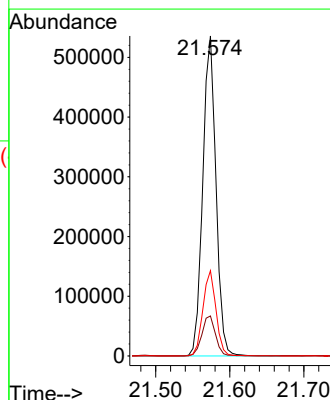
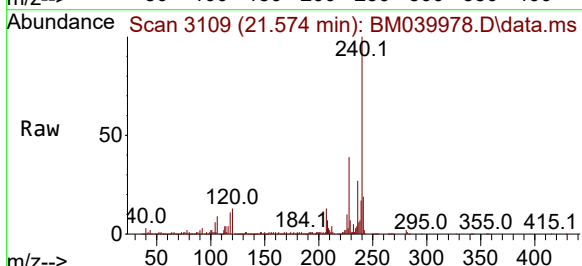
Tgt Ion:240 Resp: 662429

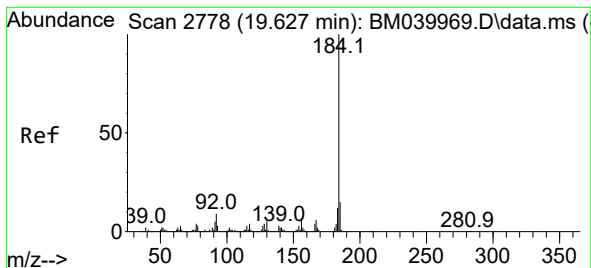
Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

236 26.6 21.3 31.9





#77

Benzidine

Concen: 68.647 ng

RT: 19.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

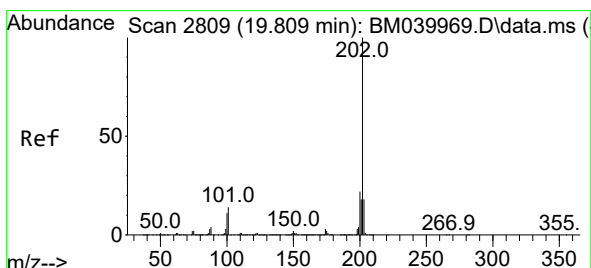
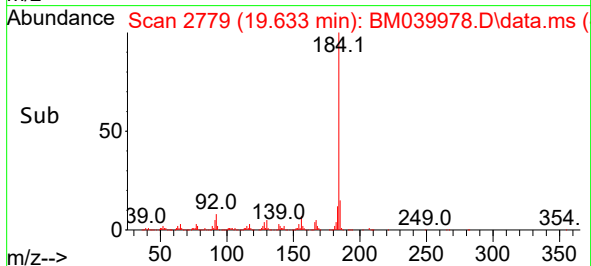
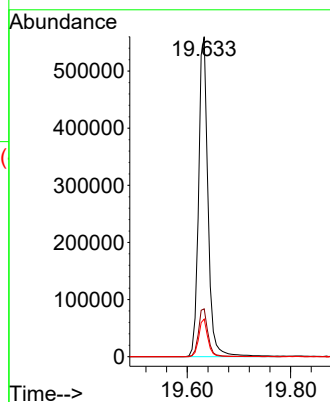
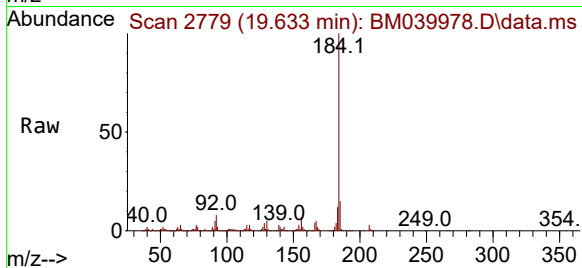
Tgt Ion:184 Resp: 706155

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

183 11.8 9.2 13.8



#78

Pyrene

Concen: 49.432 ng

RT: 19.809 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

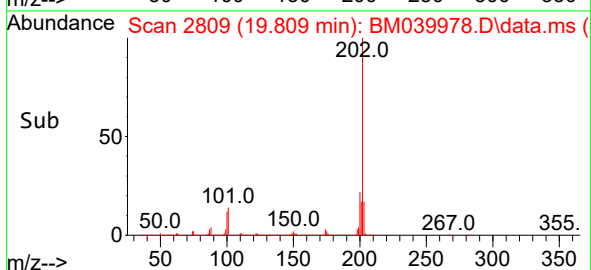
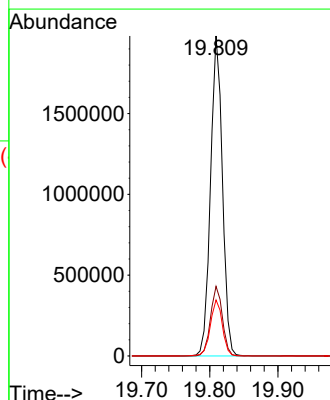
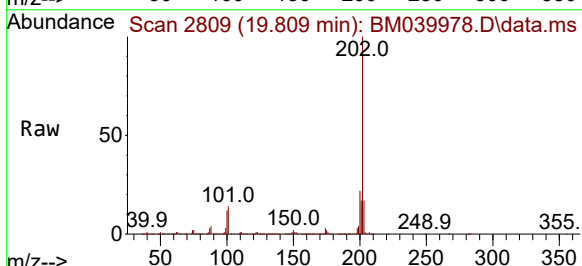
Tgt Ion:202 Resp: 2402791

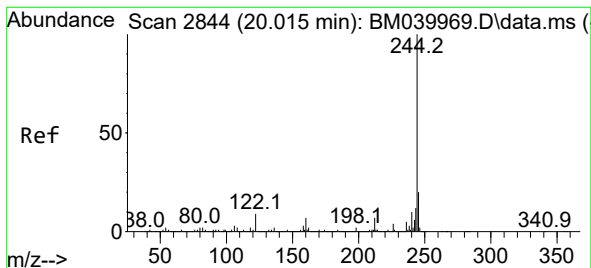
Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 105.969 ng

RT: 20.015 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

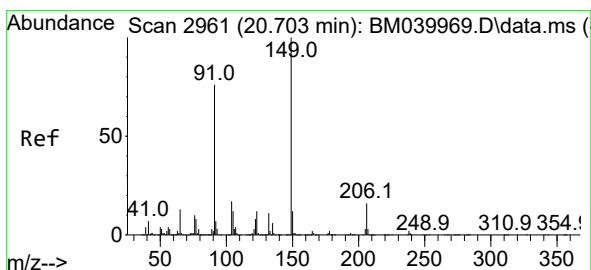
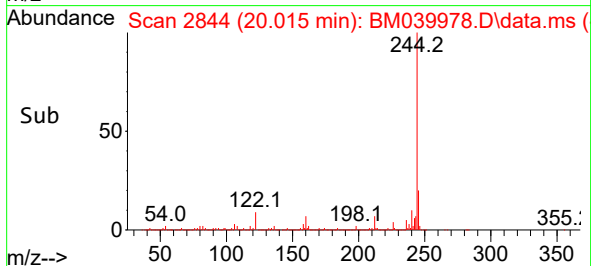
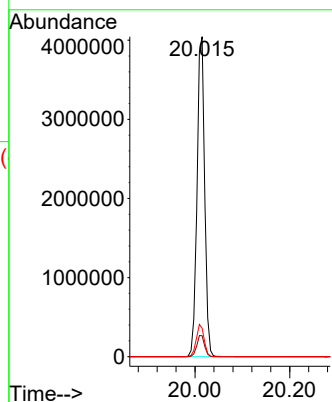
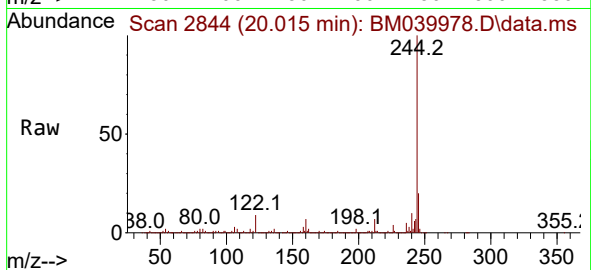
Tgt Ion:244 Resp: 4520957

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 8.9 7.1 10.7



#80

Butylbenzylphthalate

Concen: 45.002 ng

RT: 20.709 min Scan# 2962

Delta R.T. 0.006 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

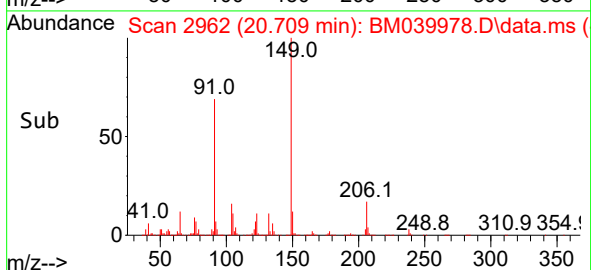
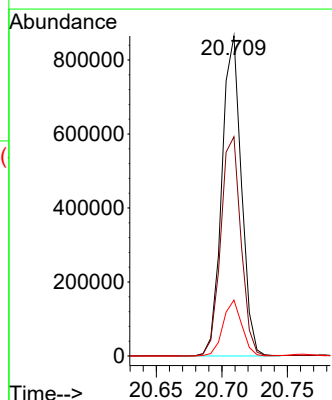
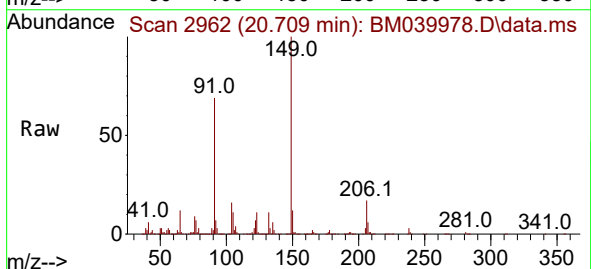
Tgt Ion:149 Resp: 892856

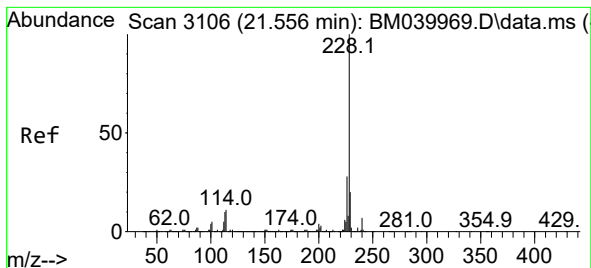
Ion Ratio Lower Upper

149 100

91 68.5 61.0 91.4

206 17.4 12.7 19.1





#81

Benzo(a)anthracene

Concen: 48.848 ng

RT: 21.556 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

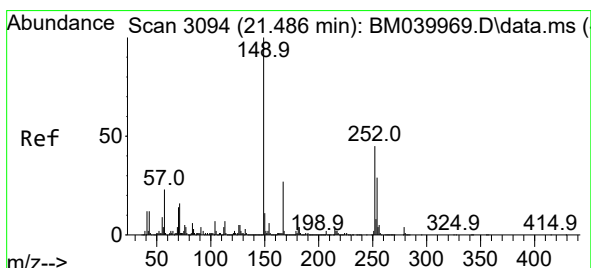
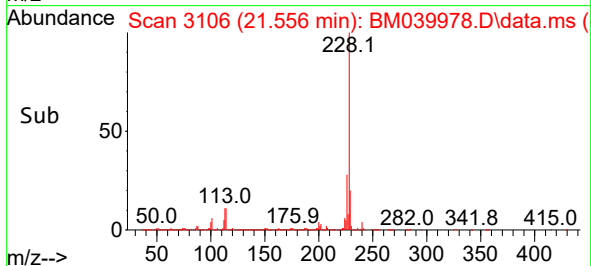
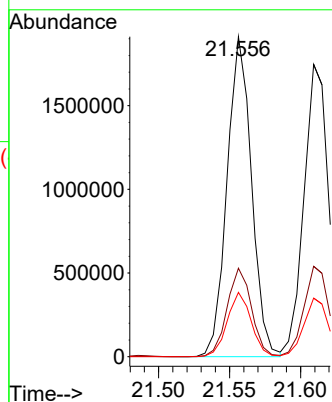
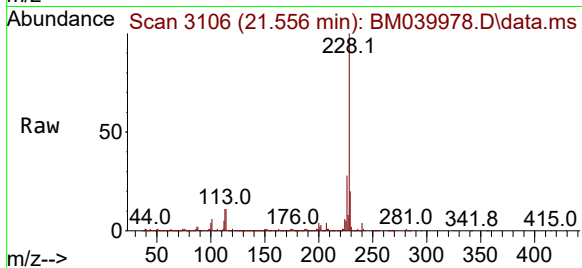
Tgt Ion:228 Resp: 2290697

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 20.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 36.647 ng

RT: 21.486 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

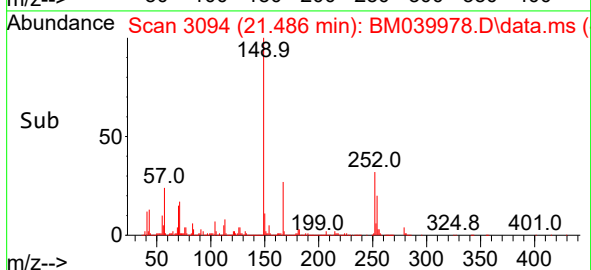
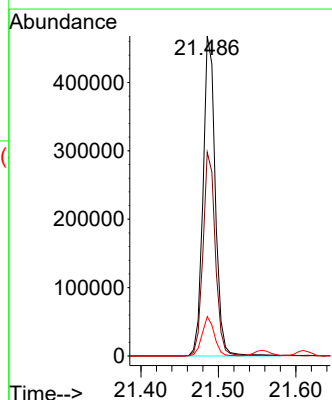
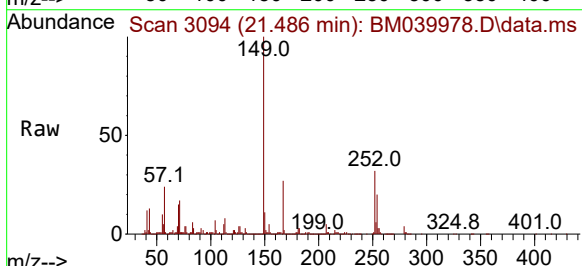
Tgt Ion:252 Resp: 513361

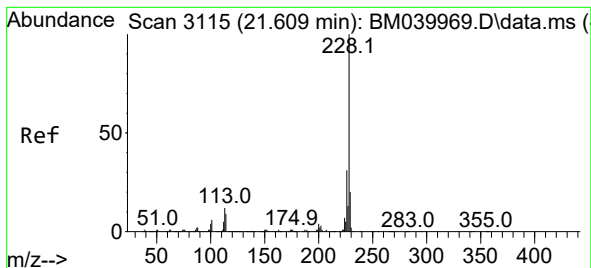
Ion Ratio Lower Upper

252 100

254 63.7 51.8 77.6

126 12.3 8.7 13.1





#83

Chrysene

Concen: 47.157 ng

RT: 21.609 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

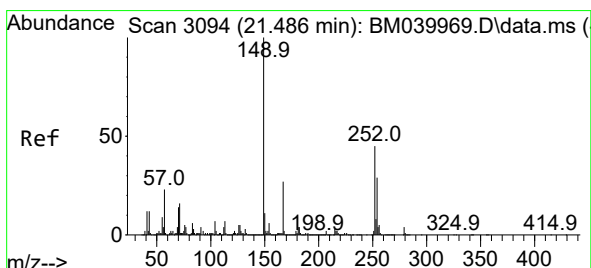
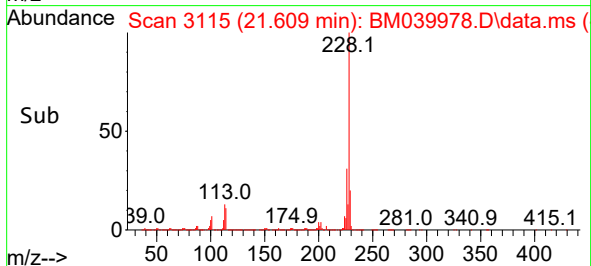
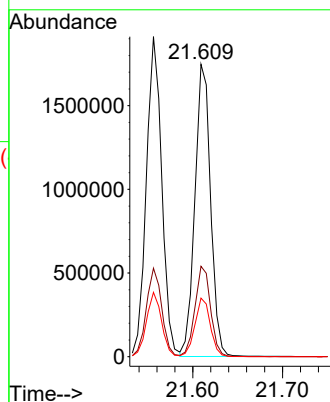
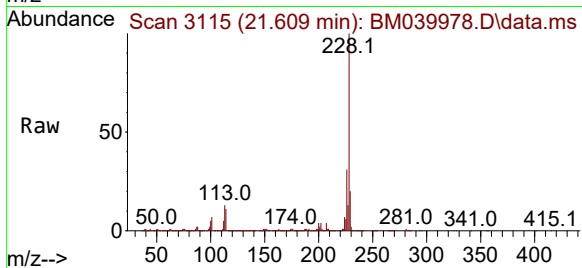
Tgt Ion:228 Resp: 2121793

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.502 ng

RT: 21.486 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

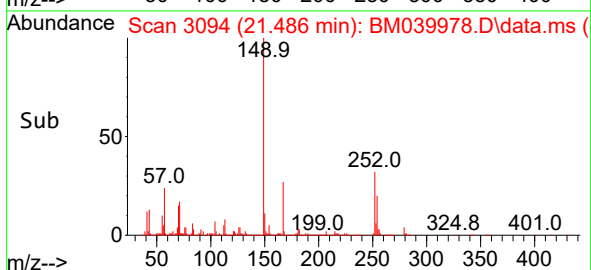
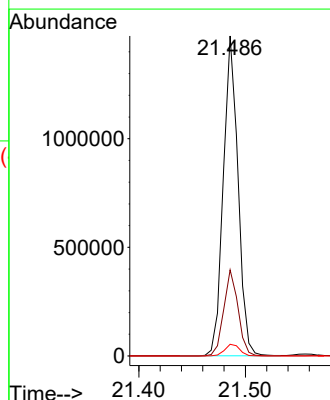
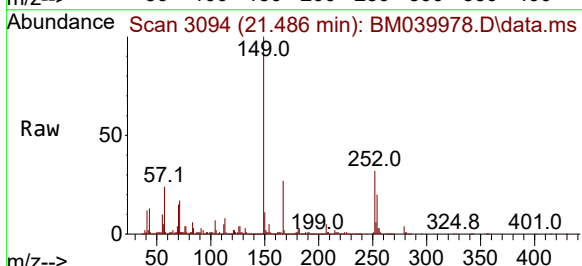
Tgt Ion:149 Resp: 1408451

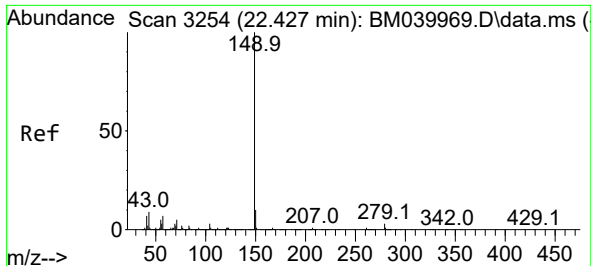
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.2

279 3.7 3.3 4.9

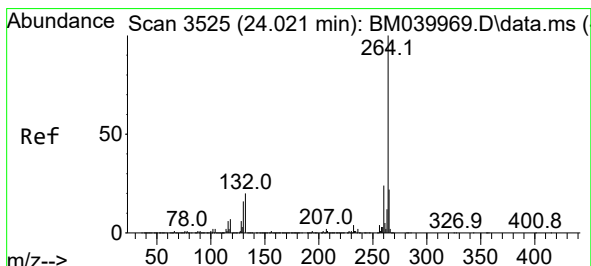
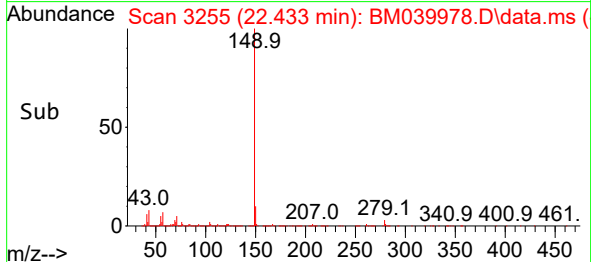
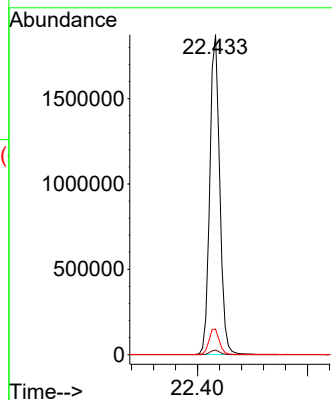
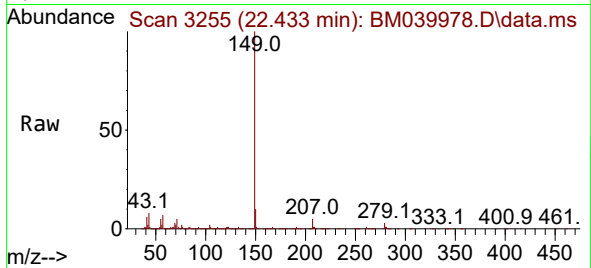




#85
Di-n-octyl phthalate
Concen: 48.033 ng
RT: 22.433 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

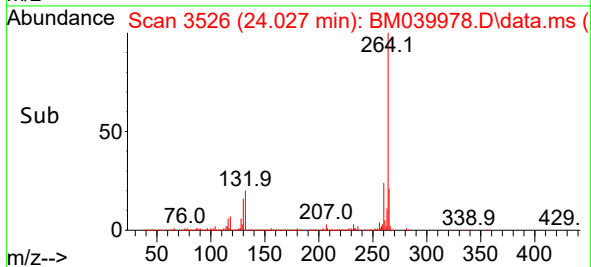
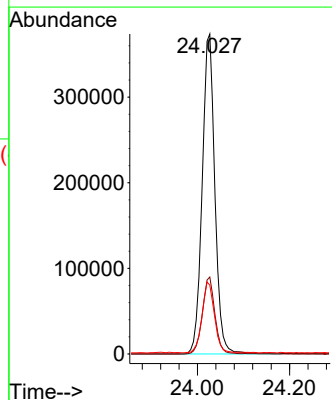
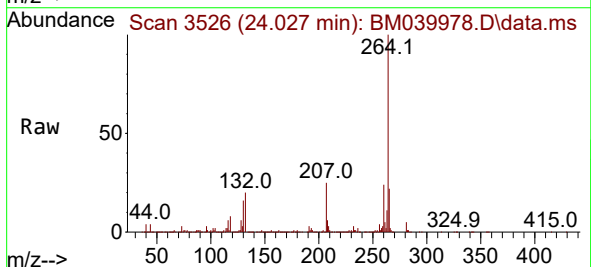
Instrument :
BNA_M
ClientSampleId :
PB152902BS

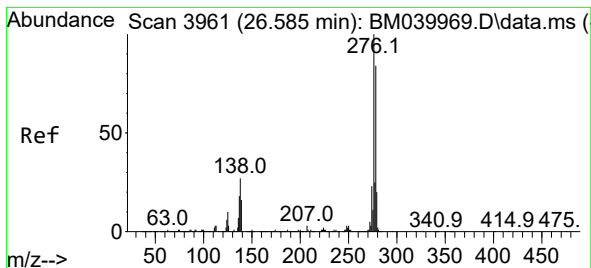
Tgt Ion:149 Resp: 2349505
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 8.5 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BM039978.D
Acq: 24 May 2023 11:22

Tgt Ion:264 Resp: 718210
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.113 ng

RT: 26.585 min Scan# 3961

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

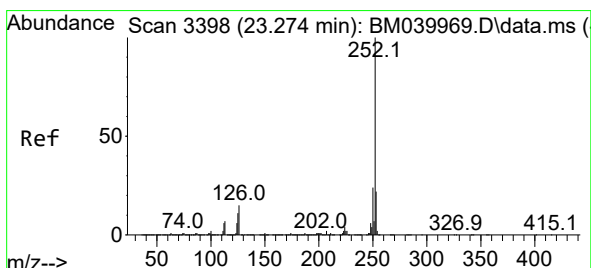
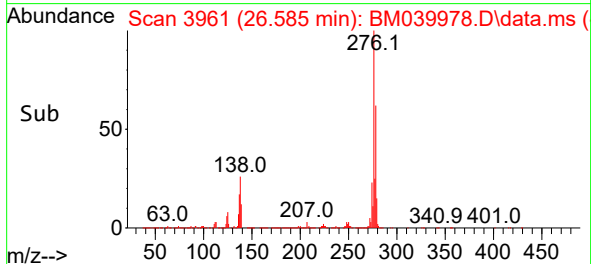
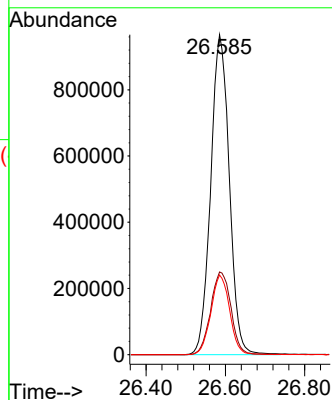
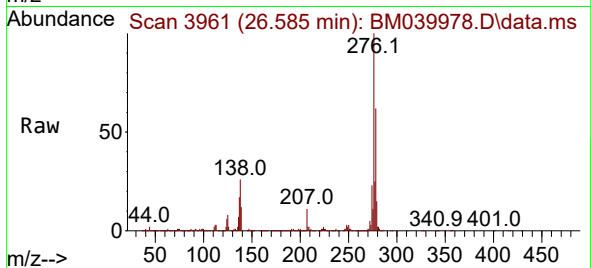
Tgt Ion:276 Resp: 3147766

Ion Ratio Lower Upper

276 100

138 28.2 23.2 34.8

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.243 ng

RT: 23.280 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

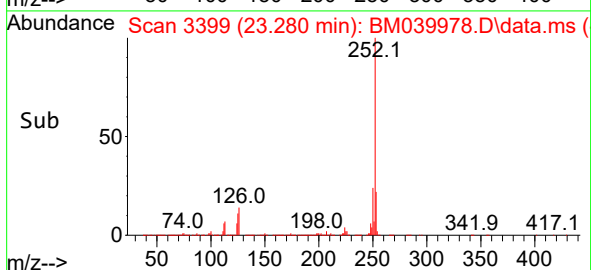
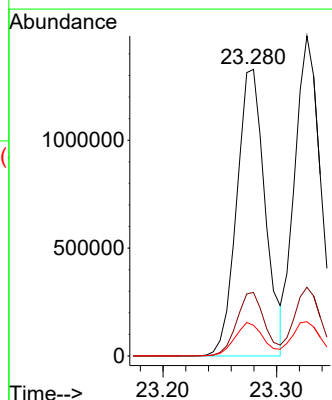
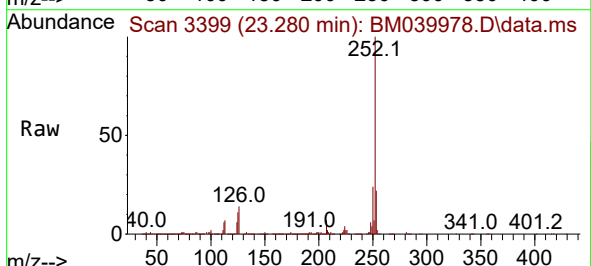
Tgt Ion:252 Resp: 2310315

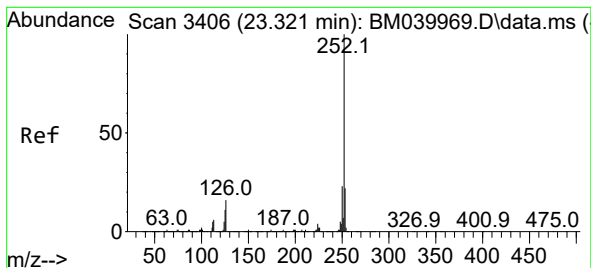
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.7 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 47.027 ng

RT: 23.327 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

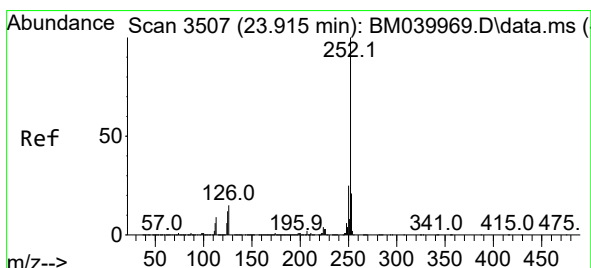
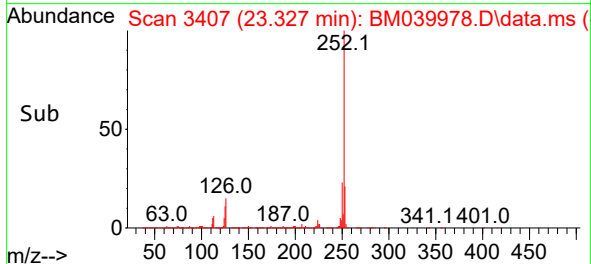
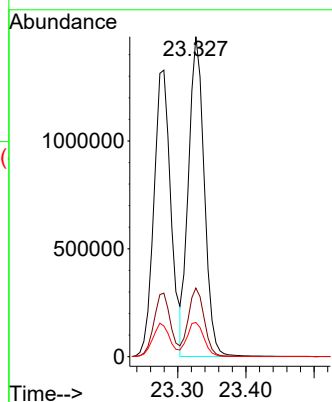
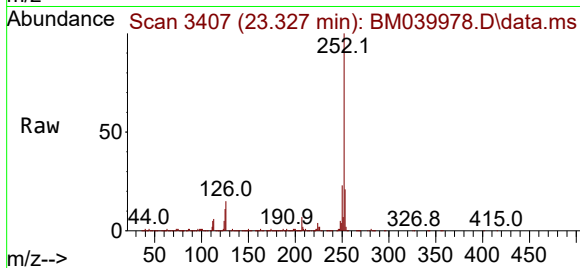
Tgt Ion:252 Resp: 2364566

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.7 9.0 13.4



#90

Benzo(a)pyrene

Concen: 45.465 ng

RT: 23.915 min Scan# 3507

Delta R.T. -0.000 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

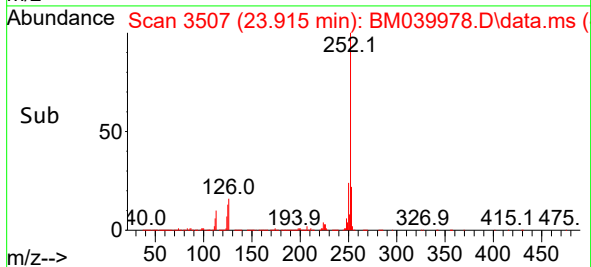
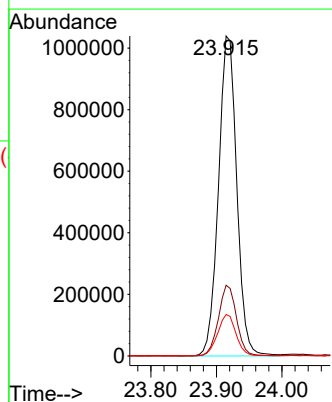
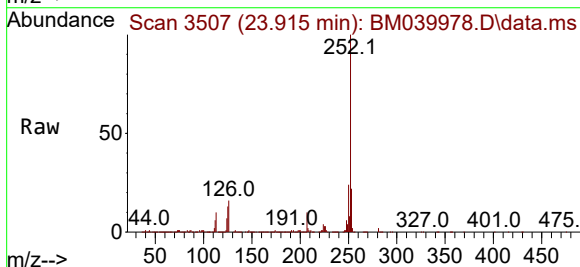
Tgt Ion:252 Resp: 2004916

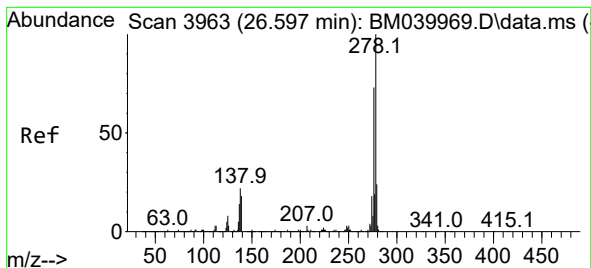
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 13.0 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 54.689 ng

RT: 26.603 min Scan# 3964

Delta R.T. 0.006 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Instrument :

BNA_M

ClientSampleId :

PB152902BS

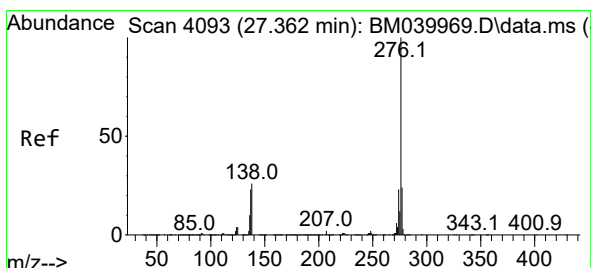
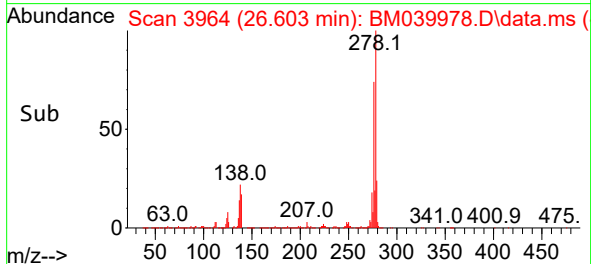
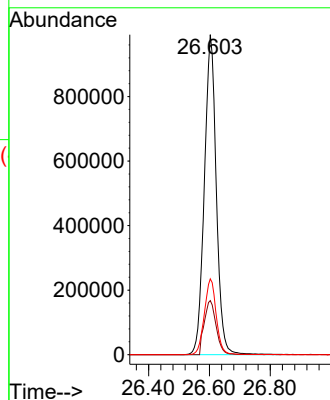
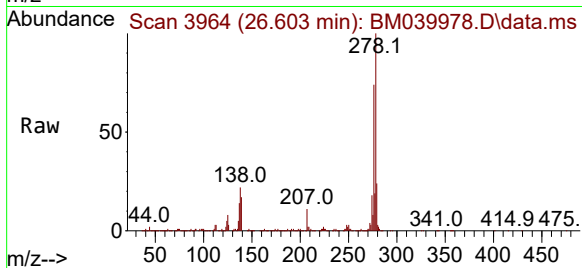
Tgt Ion:278 Resp: 2696691

Ion Ratio Lower Upper

278 100

139 16.9 14.0 21.0

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 55.479 ng

RT: 27.373 min Scan# 4095

Delta R.T. 0.012 min

Lab File: BM039978.D

Acq: 24 May 2023 11:22

Tgt Ion:276 Resp: 2417817

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 24.7 20.6 31.0

