

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM0329216.D
 Acq On : 29 Mar 2023 22:09
 Operator : CG/JU
 Sample : PB151721BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

Quant Time: Mar 30 05:56:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	208571	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	780737	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	433370	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	841221	20.000	ng	0.00
76) Chrysene-d12	21.503	240	642581	20.000	ng	0.00
86) Perylene-d12	23.915	264	638215	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1892020	136.669	ng	0.00
7) Phenol-d6	7.098	99	2385853	133.244	ng	0.00
23) Nitrobenzene-d5	9.098	82	1431037	89.085	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	725009	131.791	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	2903029	90.762	ng	0.00
79) Terphenyl-d14	19.939	244	3497856	100.571	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	288772	51.032	ng	100
3) Pyridine	3.758	79	726754	45.845	ng	99
4) n-Nitrosodimethylamine	3.669	42	331419	53.233	ng	98
6) Aniline	7.251	93	1025833	46.289	ng	100
8) 2-Chlorophenol	7.493	128	798670	56.366	ng	99
9) Benzaldehyde	7.063	77	503712	49.397	ng	99
10) Phenol	7.122	94	1012423	56.421	ng	98
11) bis(2-Chloroethyl)ether	7.351	93	793397	54.961	ng	99
12) 1,3-Dichlorobenzene	7.816	146	855786	56.951	ng	99
13) 1,4-Dichlorobenzene	7.963	146	872210	57.404	ng	99
14) 1,2-Dichlorobenzene	8.281	146	829178	57.071	ng	99
15) Benzyl Alcohol	8.175	79	670435	54.437	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1024358	55.478	ng	99
17) 2-Methylphenol	8.375	107	655926	52.247	ng	100
18) Hexachloroethane	9.010	117	338291	57.558	ng	98
19) n-Nitroso-di-n-propyla...	8.745	70	590347	51.576	ng	98
20) 3+4-Methylphenols	8.710	107	882461	52.309	ng	100
22) Acetophenone	8.757	105	1182930	56.668	ng	# 99
24) Nitrobenzene	9.140	77	878438	54.978	ng	100
25) Isophorone	9.669	82	1598106	53.327	ng	99
26) 2-Nitrophenol	9.851	139	422394	57.188	ng	98
27) 2,4-Dimethylphenol	9.916	122	719364	58.619	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	1010078	55.680	ng	99
29) 2,4-Dichlorophenol	10.387	162	695692	58.103	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	738248	57.632	ng	99
31) Naphthalene	10.787	128	2314168	55.009	ng	99
32) Benzoic acid	10.069	122	508722	53.187	ng	99
33) 4-Chloroaniline	10.904	127	364776	19.792	ng	99
34) Hexachlorobutadiene	11.069	225	427867	56.805	ng	98
35) Caprolactam	11.698	113	216202	52.004	ng	95
36) 4-Chloro-3-methylphenol	12.033	107	730917	55.328	ng	99
37) 2-Methylnaphthalene	12.398	142	1541766	52.645	ng	100
38) 1-Methylnaphthalene	12.616	142	1436388	52.380	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	774856	58.725	ng	99
41) Hexachlorocyclopentadiene	12.745	237	1118779	155.206	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	523706	58.199	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039216.D
 Acq On : 29 Mar 2023 22:09
 Operator : CG/JU
 Sample : PB151721BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

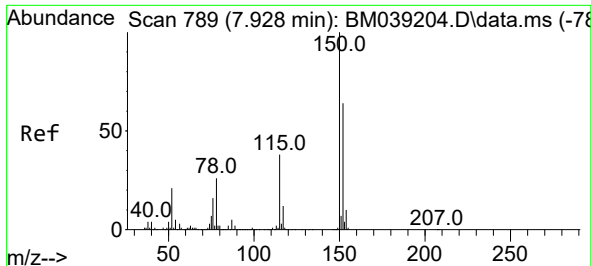
Quant Time: Mar 30 05:56:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	564068	53.471	ng	99
46) 1,1'-Biphenyl	13.410	154	1972485	57.638	ng	100
47) 2-Chloronaphthalene	13.451	162	1503496	58.023	ng	99
48) 2-Nitroaniline	13.657	65	469835	53.881	ng	99
49) Acenaphthylene	14.298	152	2352756	55.245	ng	100
50) Dimethylphthalate	14.033	163	1780970	53.325	ng	100
51) 2,6-Dinitrotoluene	14.151	165	393599	54.802	ng	96
52) Acenaphthene	14.639	154	1390346	55.288	ng	100
53) 3-Nitroaniline	14.486	138	250809	30.207	ng	100
54) 2,4-Dinitrophenol	14.692	184	501477	117.901	ng	99
55) Dibenzofuran	14.974	168	2191702	54.135	ng	100
56) 4-Nitrophenol	14.798	139	734493	114.718	ng	99
57) 2,4-Dinitrotoluene	14.939	165	523737	53.906	ng	92
58) Fluorene	15.621	166	1732652	54.046	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	467353	55.689	ng	100
60) Diethylphthalate	15.392	149	1770337	52.663	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	856267	53.893	ng	99
62) 4-Nitroaniline	15.645	138	420893	49.398	ng	98
63) Azobenzene	15.910	77	1840738	54.654	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	308460	55.737	ng	97
66) n-Nitrosodiphenylamine	15.833	169	1477764	55.747	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	503950	56.095	ng	98
68) Hexachlorobenzene	16.621	284	574612	58.989	ng	98
69) Atrazine	16.786	200	491480	58.539	ng	100
70) Pentachlorophenol	16.968	266	744823	106.575	ng	99
71) Phenanthrene	17.363	178	2538248	55.093	ng	99
72) Anthracene	17.451	178	2607520	55.504	ng	99
73) Carbazole	17.727	167	2394490	54.547	ng	99
74) Di-n-butylphthalate	18.286	149	2936124	54.070	ng	100
75) Fluoranthene	19.374	202	2709269	51.587	ng	99
77) Benzidine	19.562	184	1585495	93.545	ng	100
78) Pyrene	19.739	202	2837197	62.022	ng	99
80) Butylbenzylphthalate	20.633	149	1204434	57.472	ng	96
81) Benzo(a)anthracene	21.486	228	2508621	55.355	ng	100
82) 3,3'-Dichlorobenzidine	21.421	252	616391	40.829	ng	99
83) Chrysene	21.539	228	2343943	53.577	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1752164	56.610	ng	99
85) Di-n-octyl phthalate	22.339	149	2951072	52.920	ng	100
87) Indeno(1,2,3-cd)pyrene	26.433	276	2543059	54.081	ng	100
88) Benzo(b)fluoranthene	23.180	252	2353657	60.271	ng	99
89) Benzo(k)fluoranthene	23.233	252	2385061	59.960	ng	99
90) Benzo(a)pyrene	23.815	252	2044100	53.284	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	2133374	54.030	ng	100
92) Benzo(g,h,i)perylene	27.203	276	2050842	52.815	ng	100

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

Quant Time: Mar 30 05:56:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

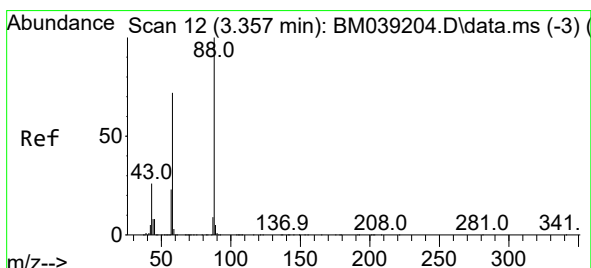
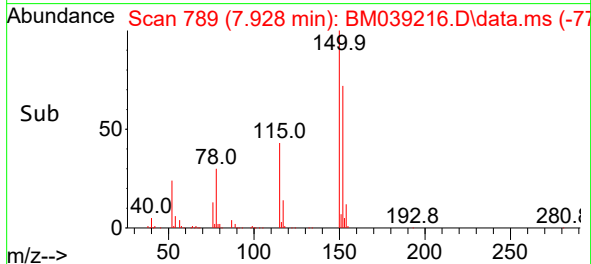
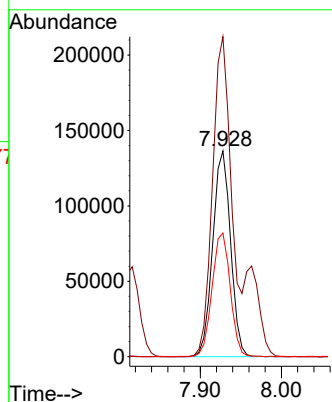
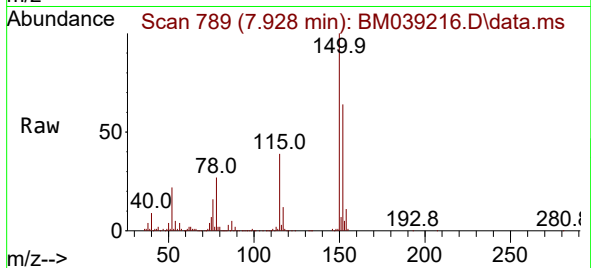




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

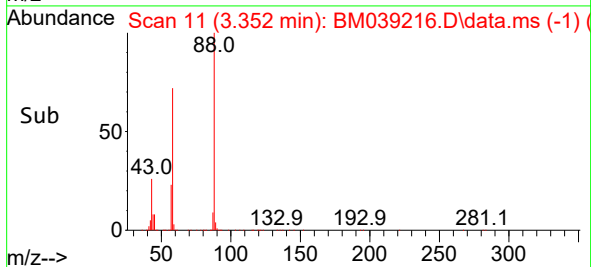
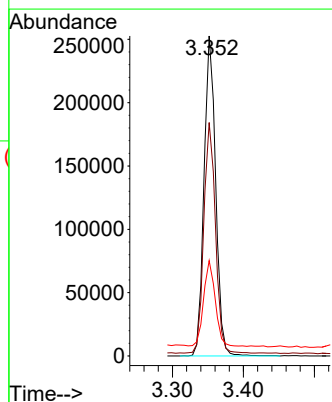
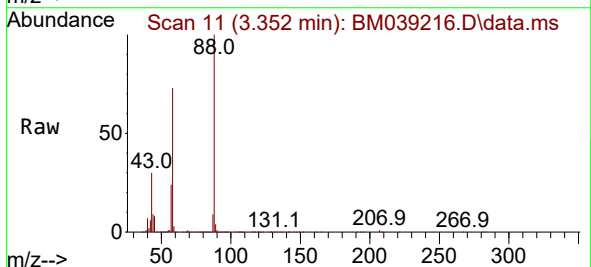
Instrument :
BNA_M
ClientSampleId :
PB151721BS

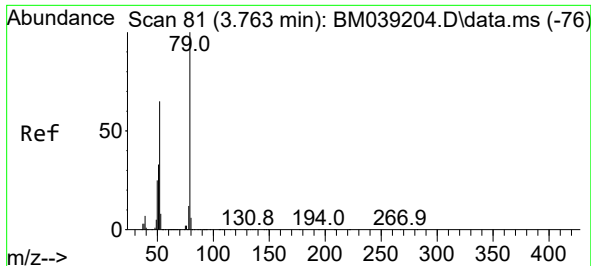
Tgt Ion:152 Resp: 208571
Ion Ratio Lower Upper
152 100
150 155.5 125.5 188.3
115 60.1 48.1 72.1



#2
1,4-Dioxane
Concen: 51.032 ng
RT: 3.352 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion: 88 Resp: 288772
Ion Ratio Lower Upper
88 100
58 71.9 57.9 86.9
43 26.9 21.4 32.2



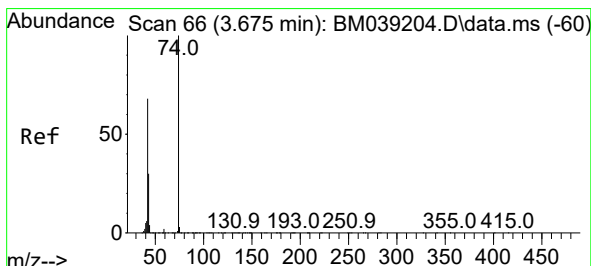
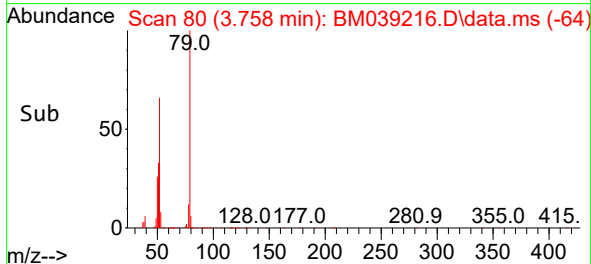
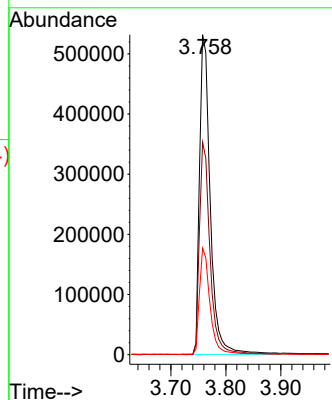
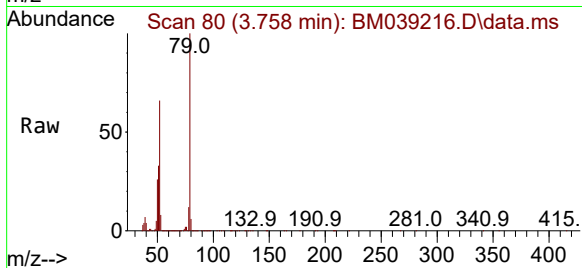


#3
 Pyridine
 Concen: 45.845 ng
 RT: 3.758 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM039216.D
 Acq: 29 Mar 2023 22:09

Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

Tgt Ion: 79 Resp: 726754

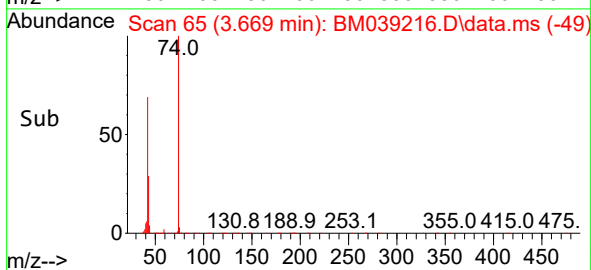
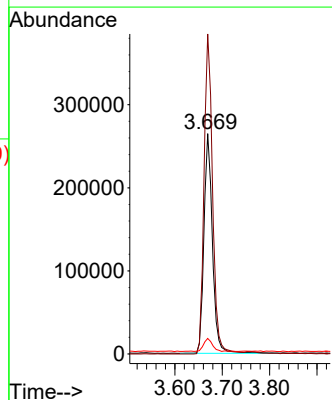
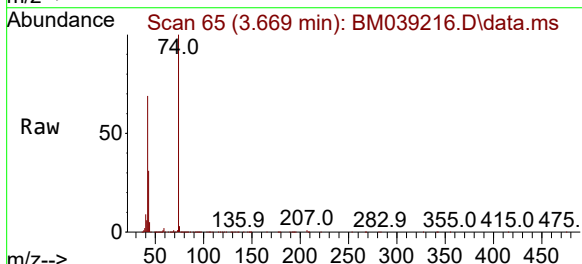
Ion	Ratio	Lower	Upper
79	100		
52	66.4	52.0	78.0
51	33.3	26.4	39.6

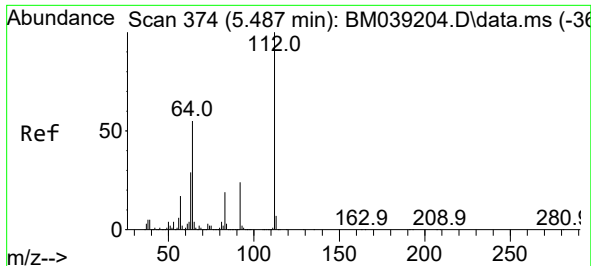


#4
 n-Nitrosodimethylamine
 Concen: 53.233 ng
 RT: 3.669 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BM039216.D
 Acq: 29 Mar 2023 22:09

Tgt Ion: 42 Resp: 331419

Ion	Ratio	Lower	Upper
42	100		
74	145.2	118.1	177.1
44	7.0	6.3	9.5

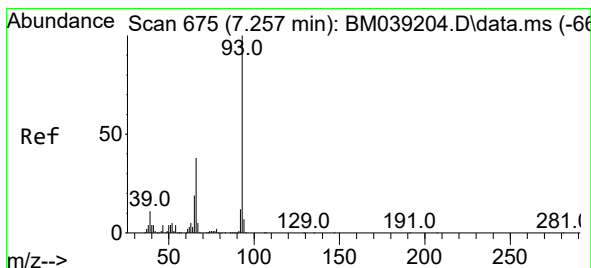
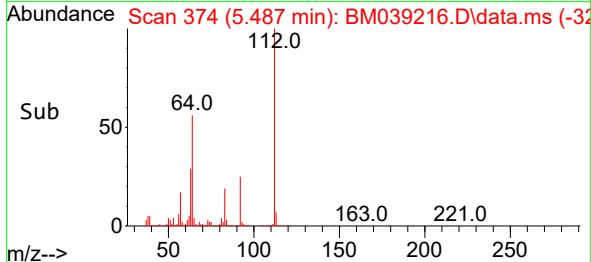
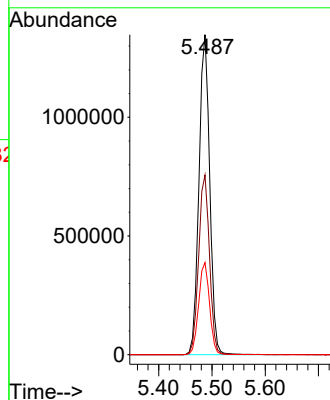
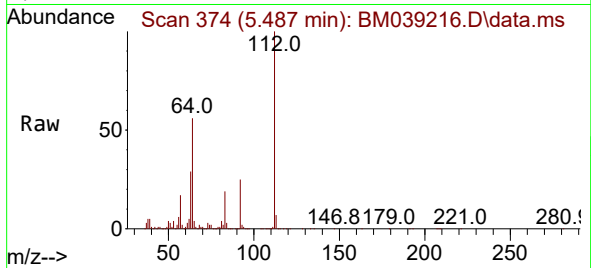




#5
2-Fluorophenol
Concen: 136.669 ng
RT: 5.487 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

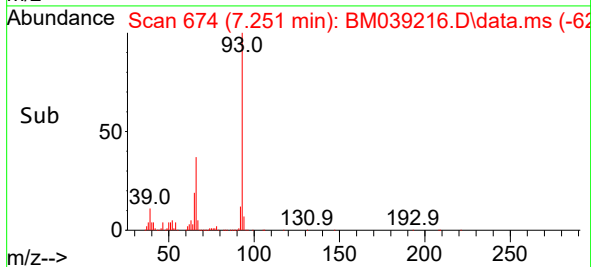
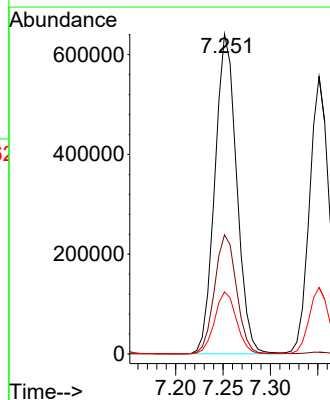
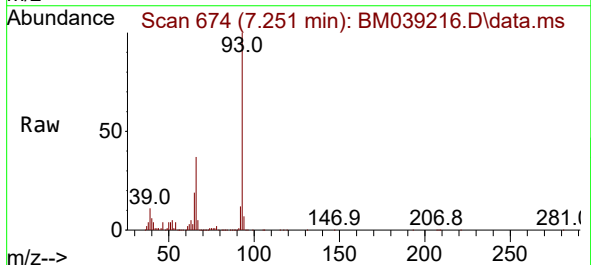
Instrument :
BNA_M
ClientSampleId :
PB151721BS

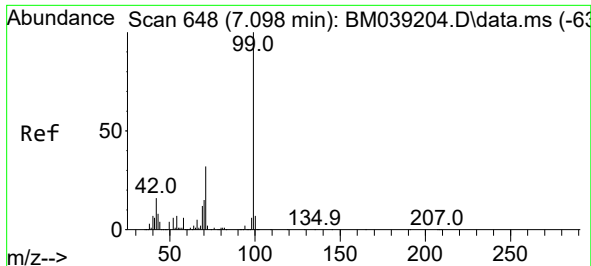
Tgt Ion:112 Resp: 1892020
Ion Ratio Lower Upper
112 100
64 56.1 44.3 66.5
63 28.8 23.0 34.6



#6
Aniline
Concen: 46.289 ng
RT: 7.251 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion: 93 Resp: 1025833
Ion Ratio Lower Upper
93 100
66 37.3 30.1 45.1
65 19.4 15.5 23.3

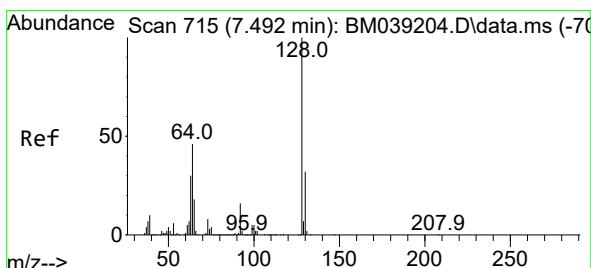
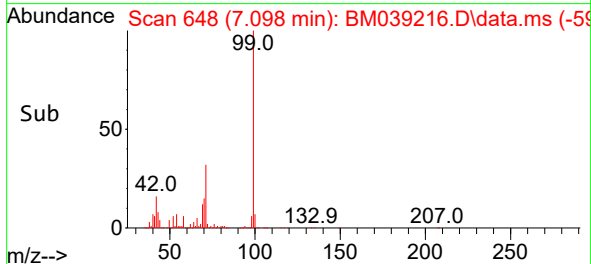
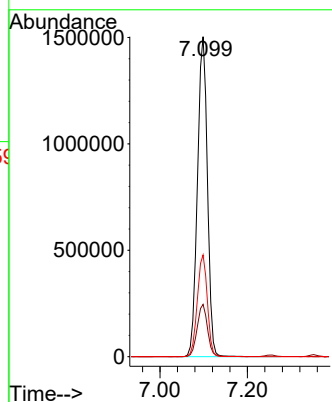
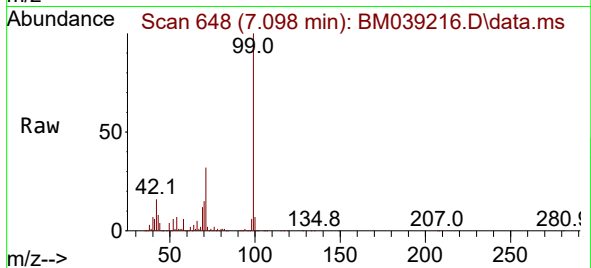




#7
Phenol-d6
Concen: 133.244 ng
RT: 7.098 min Scan# 648
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

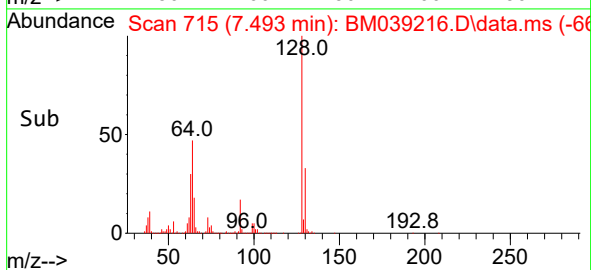
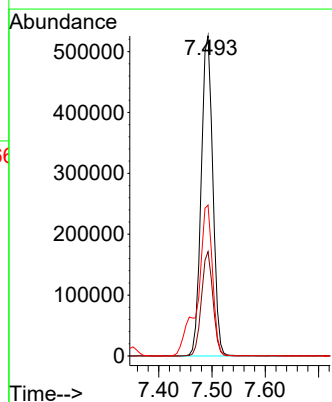
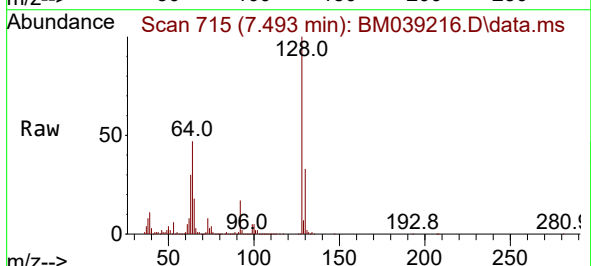
Instrument :
BNA_M
ClientSampleId :
PB151721BS

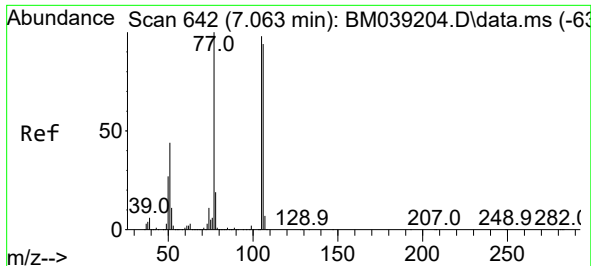
Tgt Ion: 99 Resp: 2385853
Ion Ratio Lower Upper
99 100
42 16.3 13.0 19.6
71 31.8 25.5 38.3



#8
2-Chlorophenol
Concen: 56.366 ng
RT: 7.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:128 Resp: 798670
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 47.1 25.9 65.9

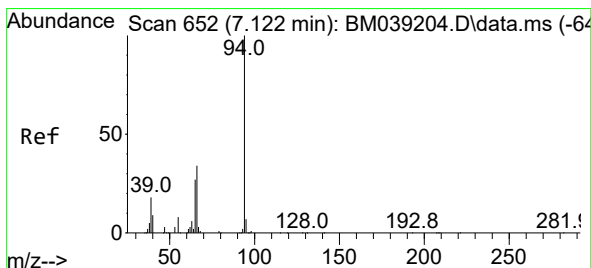
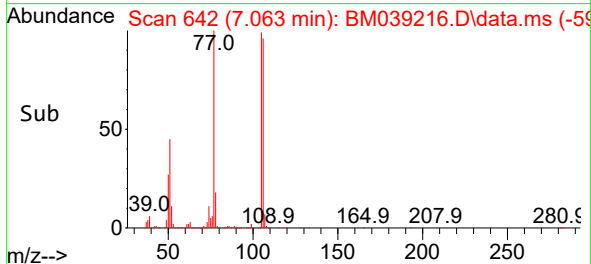
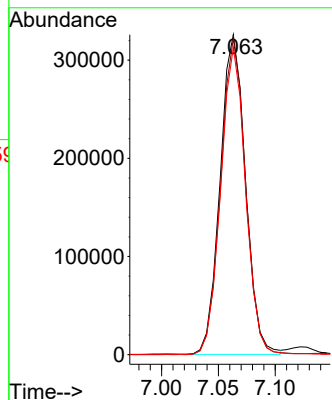
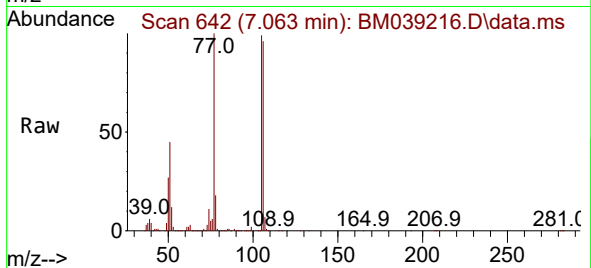




#9
Benzaldehyde
Concen: 49.397 ng
RT: 7.063 min Scan# 642
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

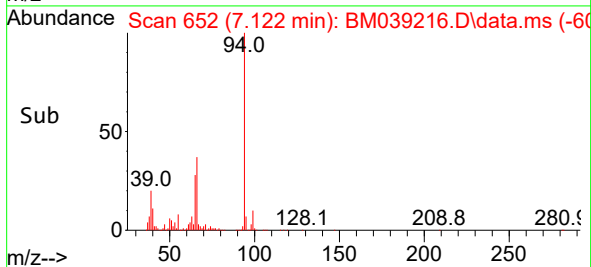
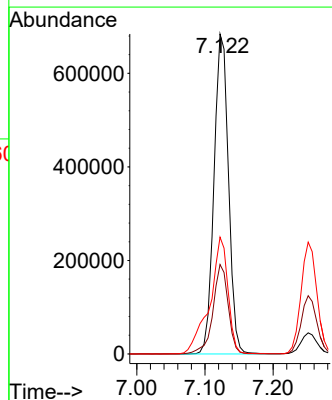
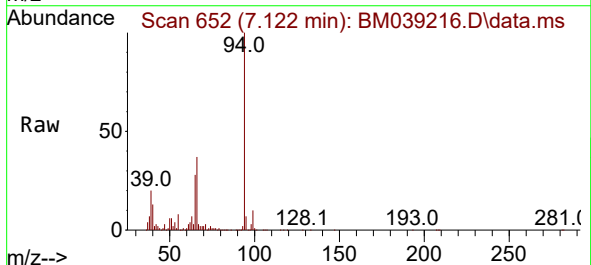
Instrument :
BNA_M
ClientSampleId :
PB151721BS

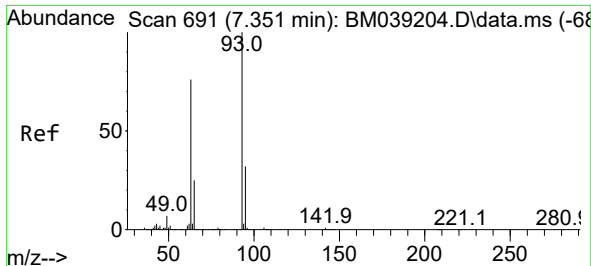
Tgt Ion: 77 Resp: 503712
Ion Ratio Lower Upper
77 100
105 98.9 78.2 118.2
106 96.0 73.8 113.8



#10
Phenol
Concen: 56.421 ng
RT: 7.122 min Scan# 652
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion: 94 Resp: 1012423
Ion Ratio Lower Upper
94 100
65 27.9 7.2 47.2
66 36.5 15.2 55.2

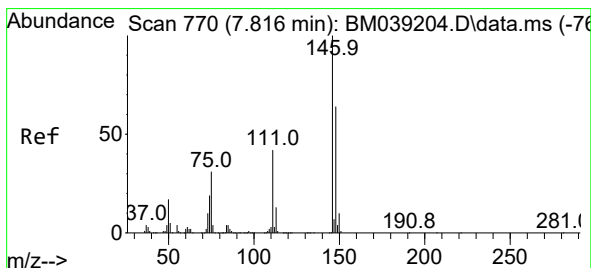
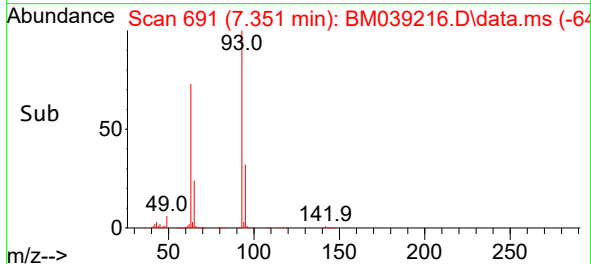
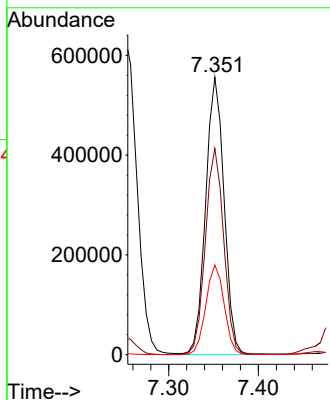
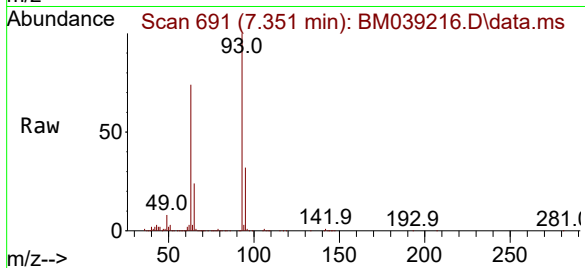




#11
bis(2-Chloroethyl)ether
Concen: 54.961 ng
RT: 7.351 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

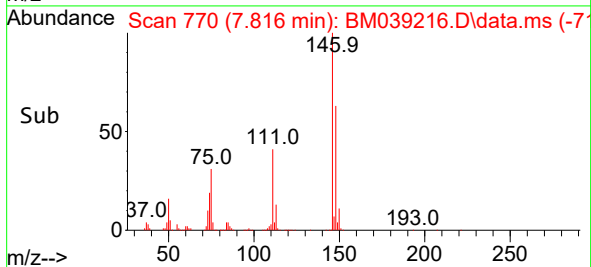
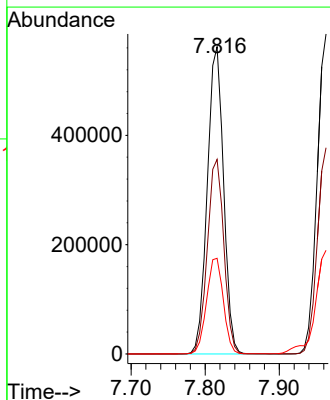
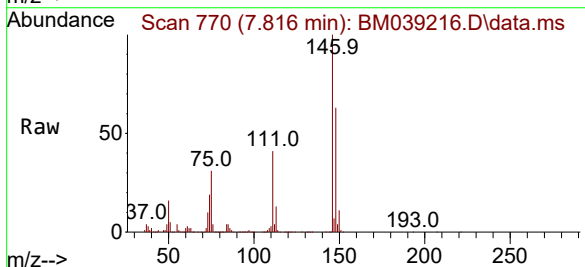
Instrument :
BNA_M
ClientSampleId :
PB151721BS

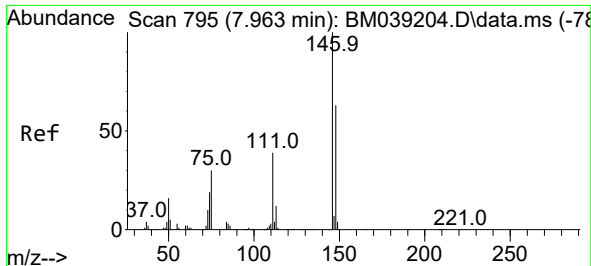
Tgt Ion: 93 Resp: 793397
Ion Ratio Lower Upper
93 100
63 74.3 55.5 95.5
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 56.951 ng
RT: 7.816 min Scan# 770
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:146 Resp: 855786
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 31.1 25.2 37.8

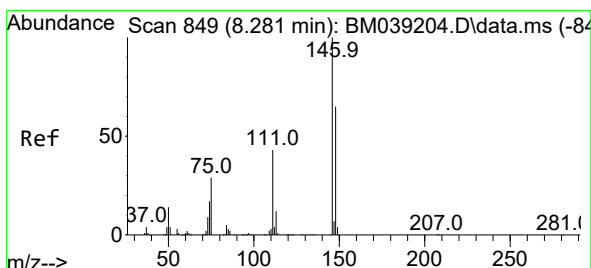
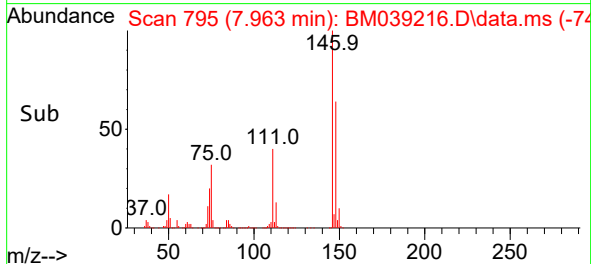
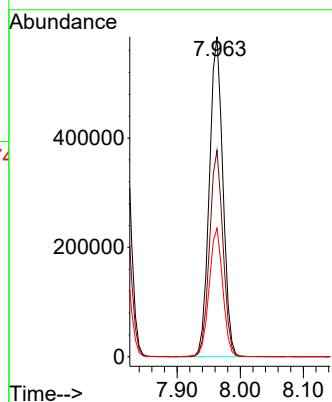
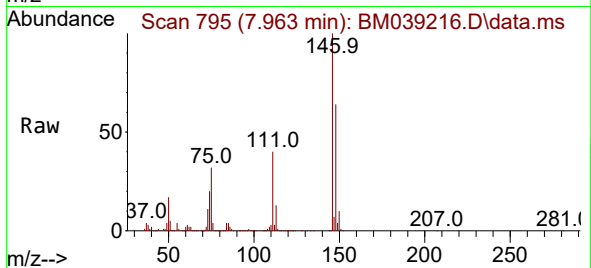




#13
1,4-Dichlorobenzene
Concen: 57.404 ng
RT: 7.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

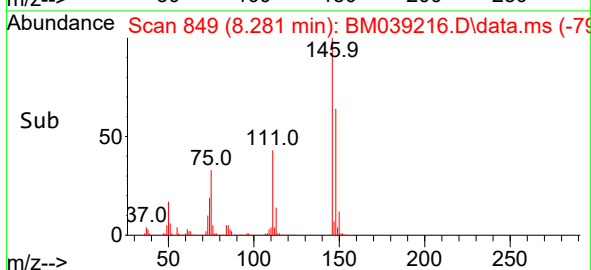
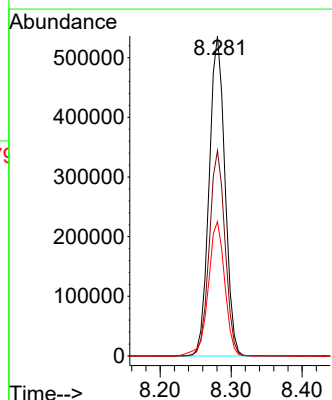
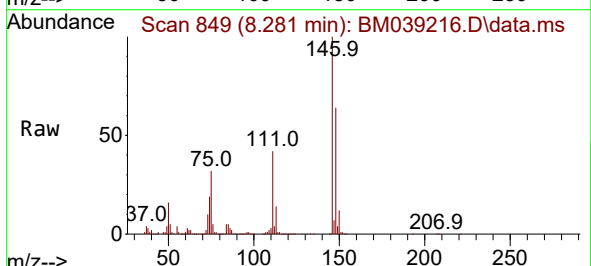
Instrument :
BNA_M
ClientSampleId :
PB151721BS

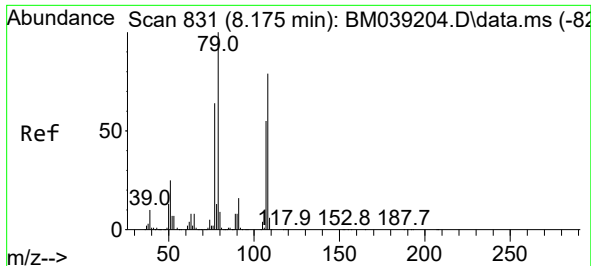
Tgt Ion:146 Resp: 872210
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 40.2 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 57.071 ng
RT: 8.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:146 Resp: 829178
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
111 42.0 34.5 51.7

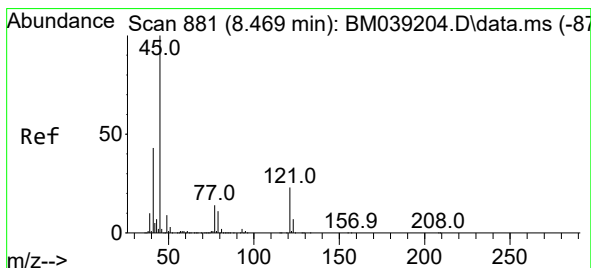
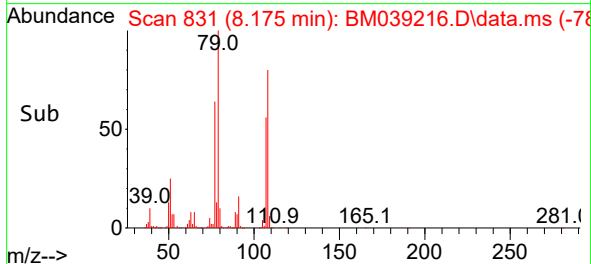
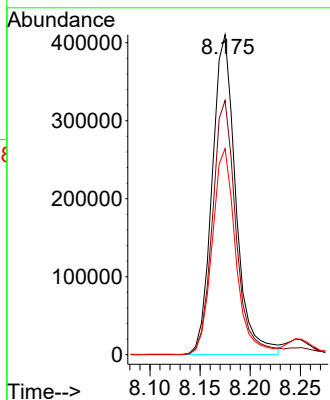
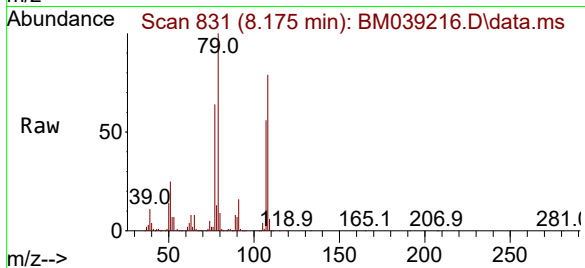




#15
Benzyl Alcohol
Concen: 54.437 ng
RT: 8.175 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

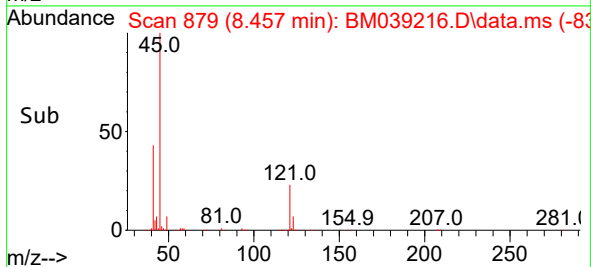
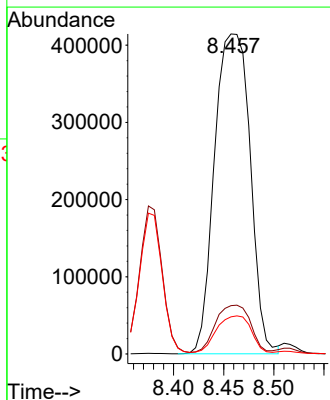
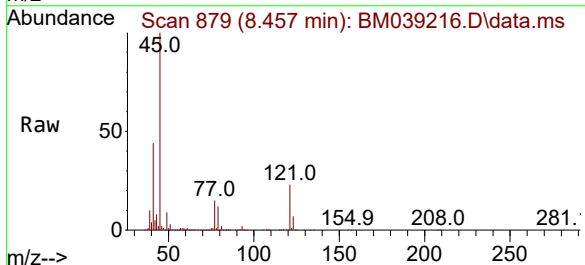
Instrument :
BNA_M
ClientSampleId :
PB151721BS

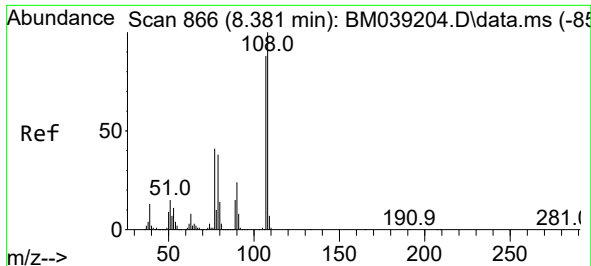
Tgt Ion: 79 Resp: 670435
Ion Ratio Lower Upper
79 100
108 79.5 63.4 95.0
77 64.4 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.478 ng
RT: 8.457 min Scan# 879
Delta R.T. -0.012 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

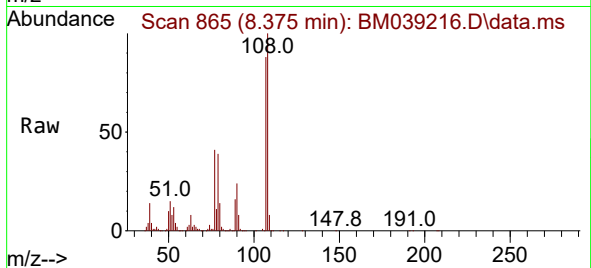
Tgt Ion: 45 Resp: 1024358
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.1
79 11.6 0.0 32.2



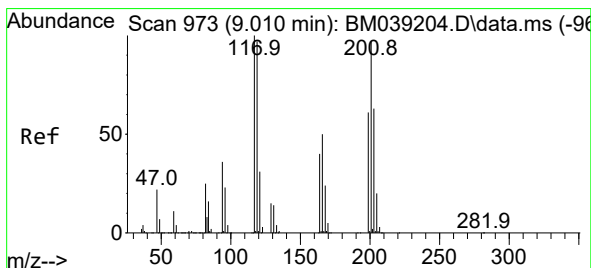
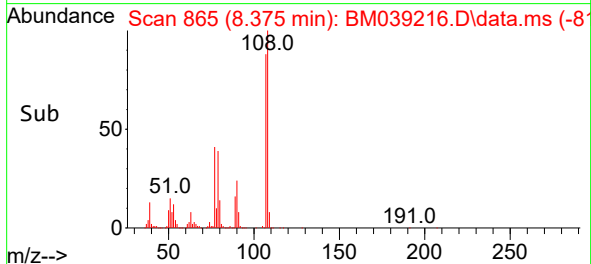
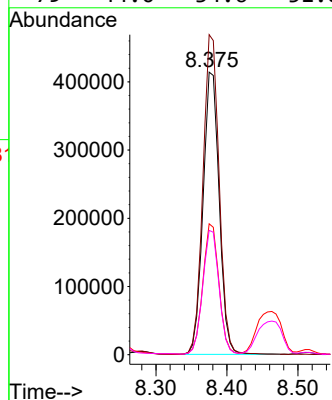


#17
2-Methylphenol
Concen: 52.247 ng
RT: 8.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Instrument :
BNA_M
ClientSampleId :
PB151721BS

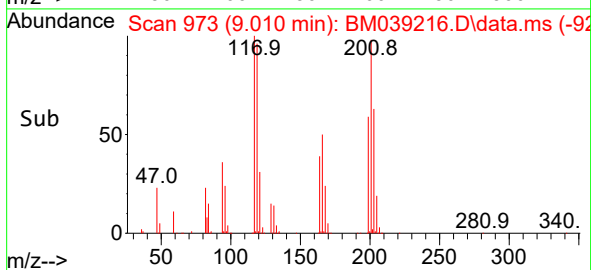
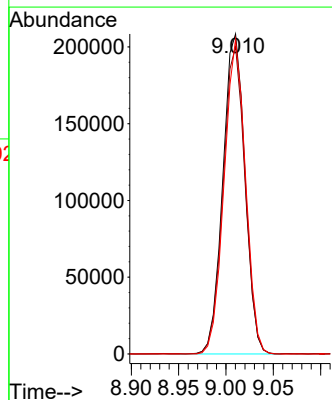
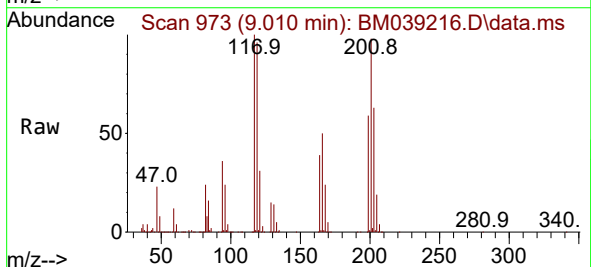


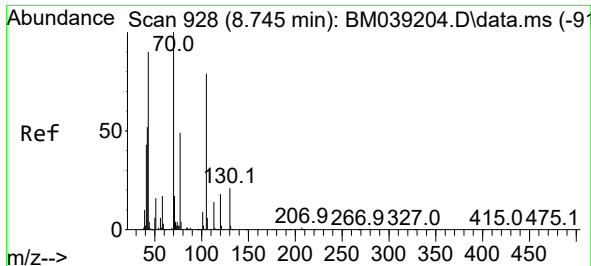
Tgt Ion:107 Resp: 655926
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 46.3 37.0 55.4
79 44.0 34.6 51.8



#18
Hexachloroethane
Concen: 57.558 ng
RT: 9.010 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:117 Resp: 338291
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8
201 98.3 77.3 115.9

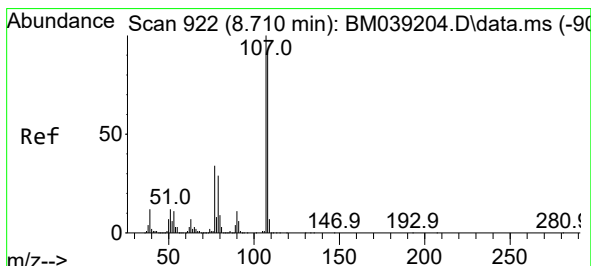
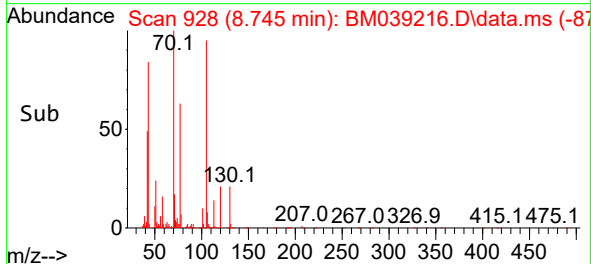
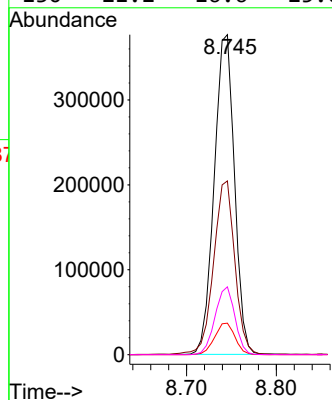
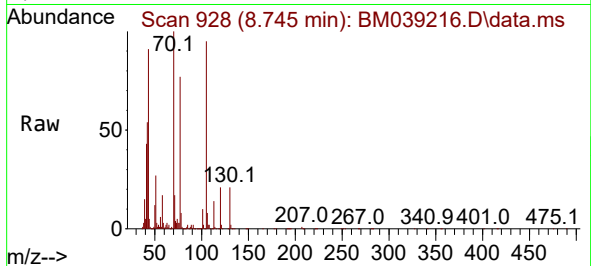




#19
n-Nitroso-di-n-propylamine
Concen: 51.576 ng
RT: 8.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

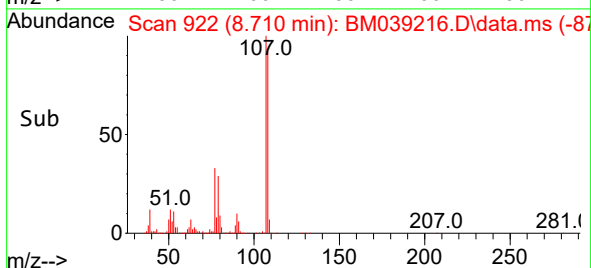
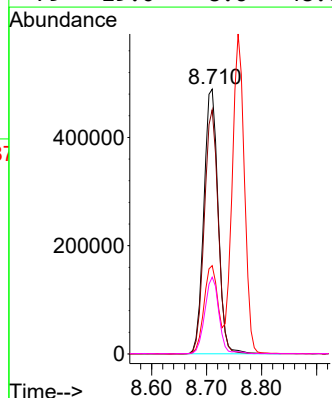
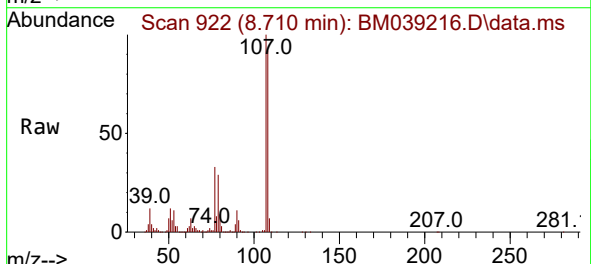
Instrument :
BNA_M
ClientSampleId :
PB151721BS

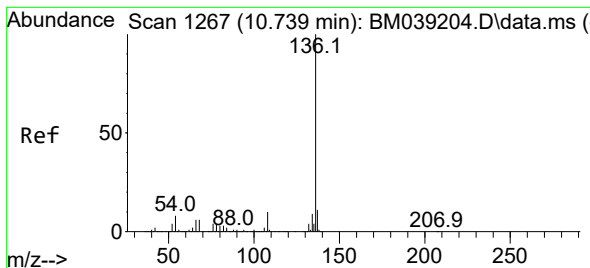
Tgt Ion: 70 Resp: 590347
Ion Ratio Lower Upper
70 100
42 54.3 42.2 63.2
101 9.9 7.6 11.4
130 21.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 52.309 ng
RT: 8.710 min Scan# 922
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion: 107 Resp: 882461
Ion Ratio Lower Upper
107 100
108 92.2 72.1 112.1
77 33.3 13.7 53.7
79 29.0 8.6 48.6

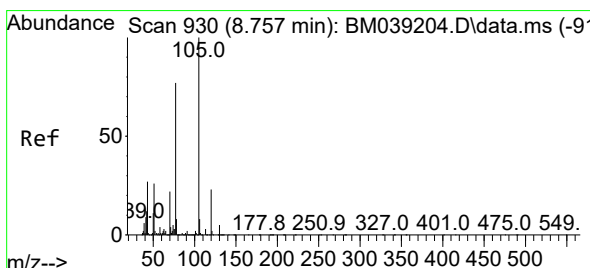
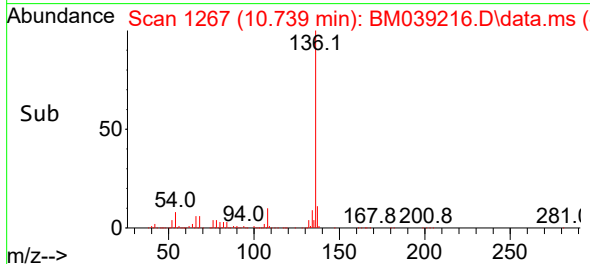
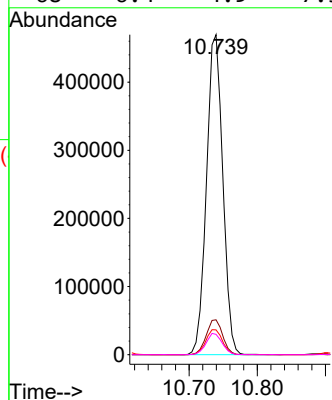
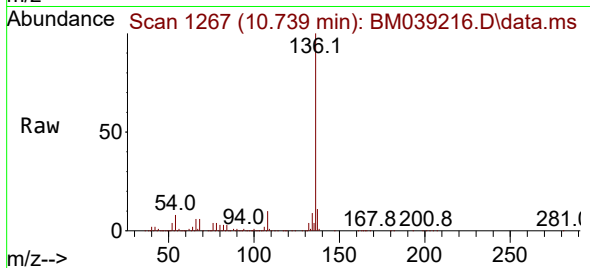




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

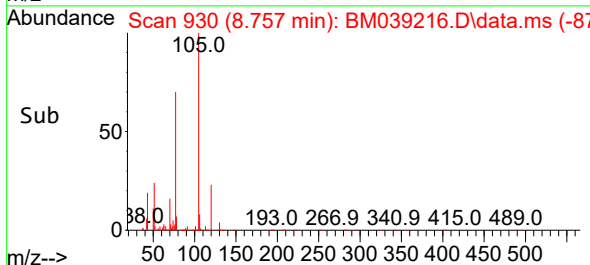
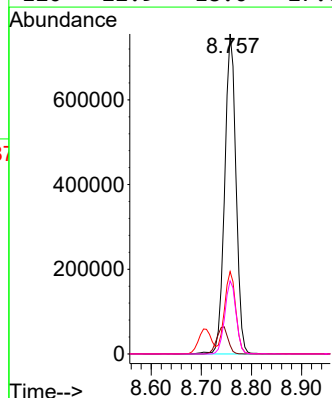
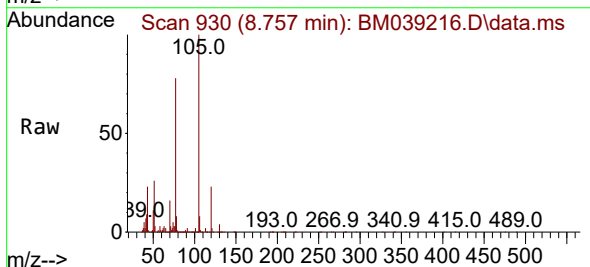
Instrument :
BNA_M
ClientSampleId :
PB151721BS

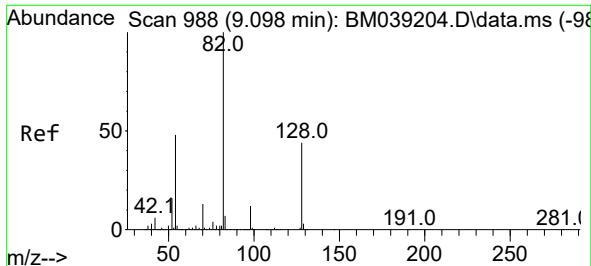
Tgt Ion:	136	Resp:	780737
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.2	9.4
68	6.4	4.9	7.3



#22
Acetophenone
Concen: 56.668 ng
RT: 8.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:	105	Resp:	1182930
Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.8	4.2
51	25.8	20.6	31.0
120	22.9	18.0	27.0

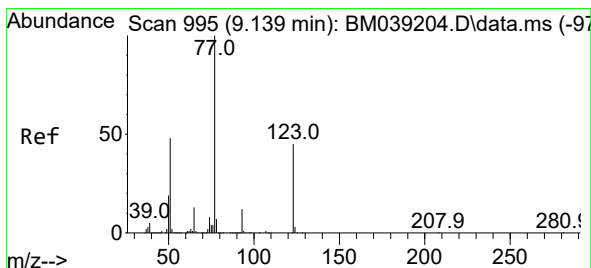
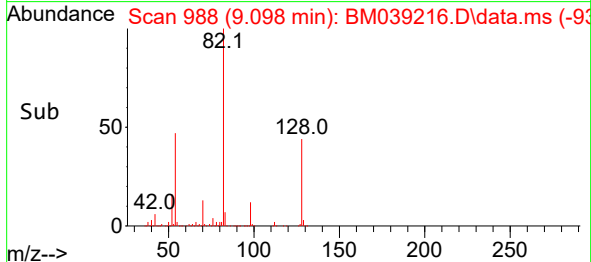
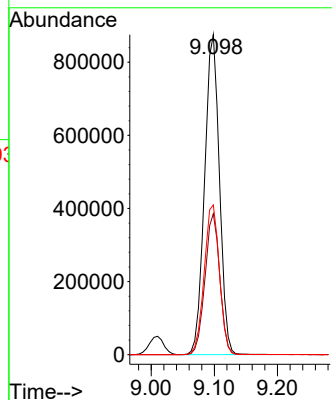
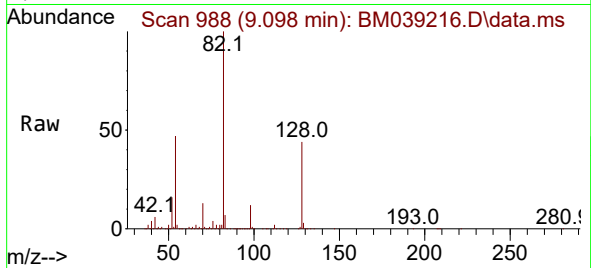




#23
Nitrobenzene-d5
Concen: 89.085 ng
RT: 9.098 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

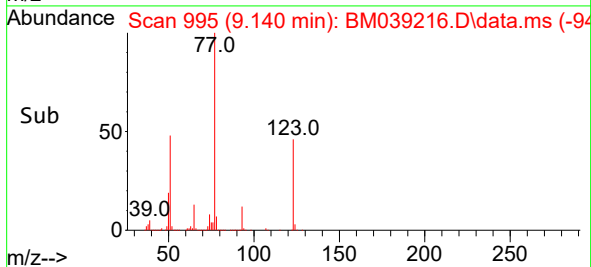
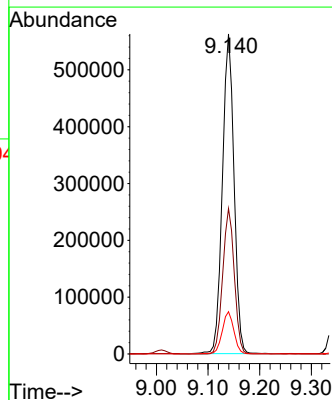
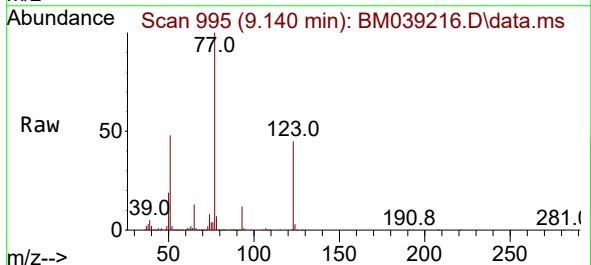
Instrument :
BNA_M
ClientSampleId :
PB151721BS

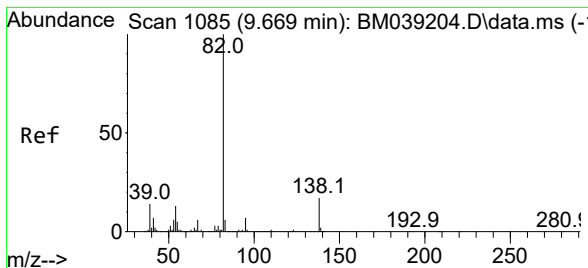
Tgt Ion: 82 Resp: 1431037
Ion Ratio Lower Upper
82 100
128 44.0 35.1 52.7
54 46.8 38.5 57.7



#24
Nitrobenzene
Concen: 54.978 ng
RT: 9.140 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion: 77 Resp: 878438
Ion Ratio Lower Upper
77 100
123 45.5 36.2 54.2
65 13.2 10.6 15.8





#25

Isophorone

Concen: 53.327 ng

RT: 9.669 min Scan# 1085

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

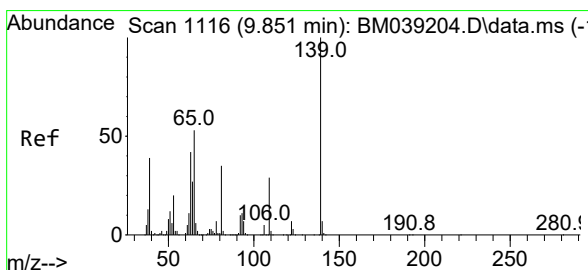
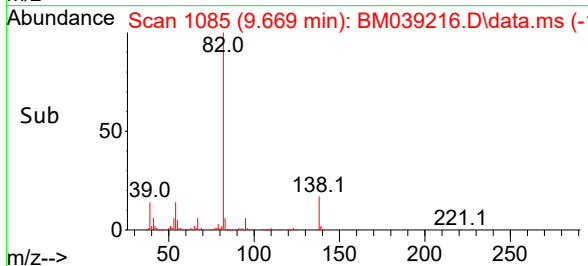
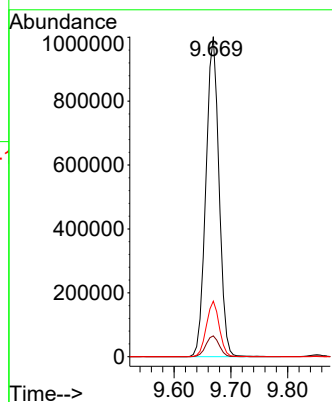
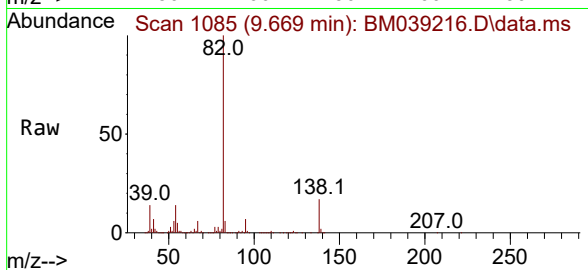
Tgt Ion: 82 Resp: 1598106

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.4 13.5 20.3



#26

2-Nitrophenol

Concen: 57.188 ng

RT: 9.851 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

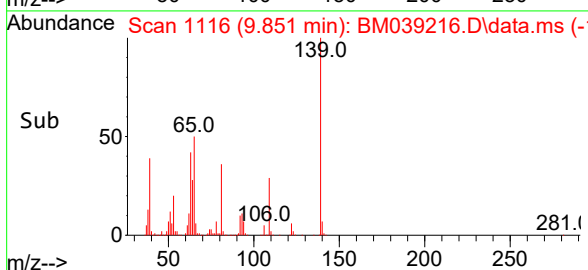
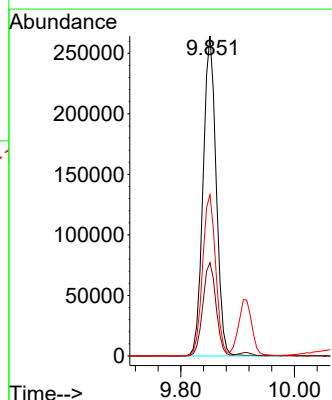
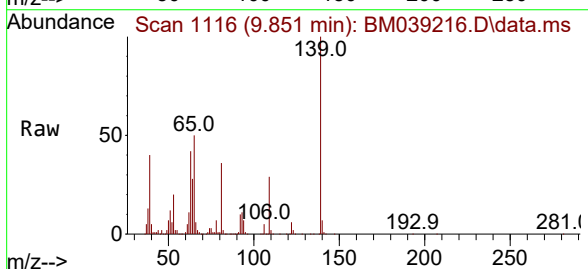
Tgt Ion: 139 Resp: 422394

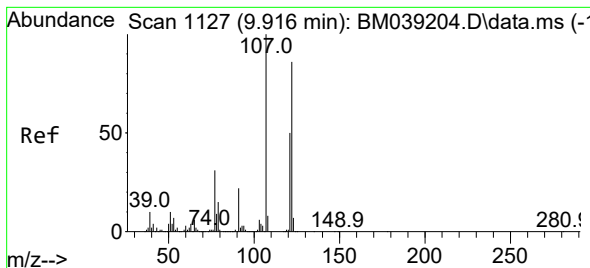
Ion Ratio Lower Upper

139 100

109 29.1 23.4 35.0

65 50.4 42.2 63.2





#27

2,4-Dimethylphenol

Concen: 58.619 ng

RT: 9.916 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

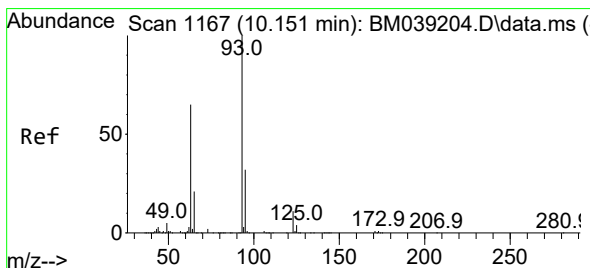
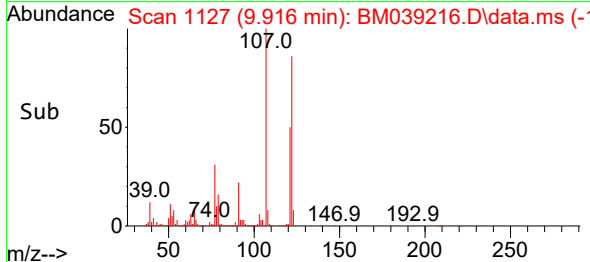
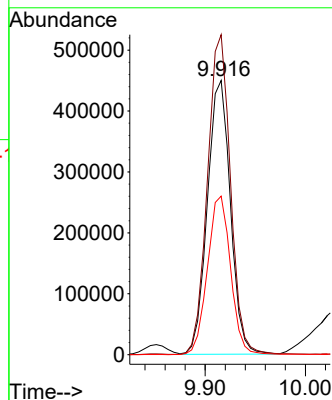
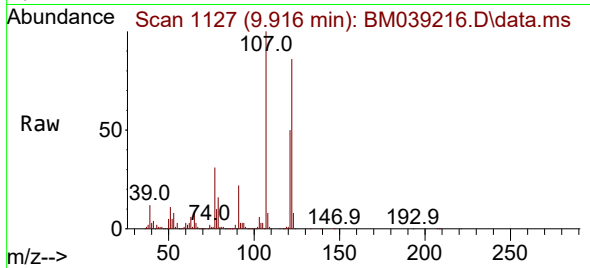
Tgt Ion:122 Resp: 719364

Ion Ratio Lower Upper

122 100

107 116.7 92.3 138.5

121 57.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 55.680 ng

RT: 10.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

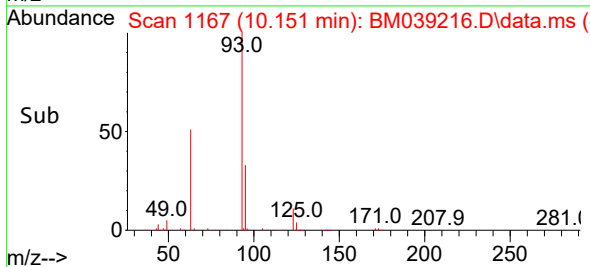
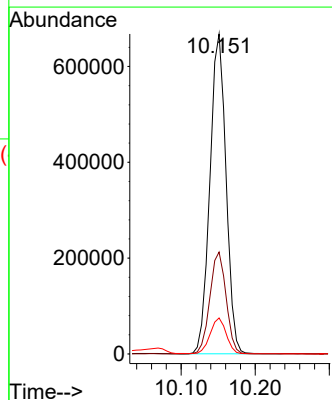
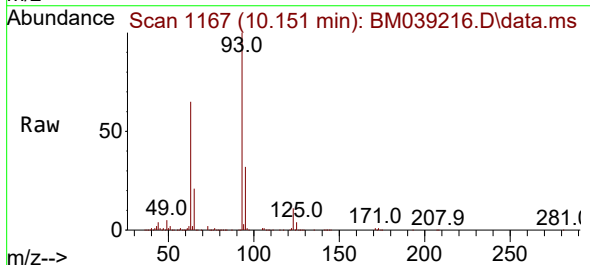
Tgt Ion: 93 Resp: 1010078

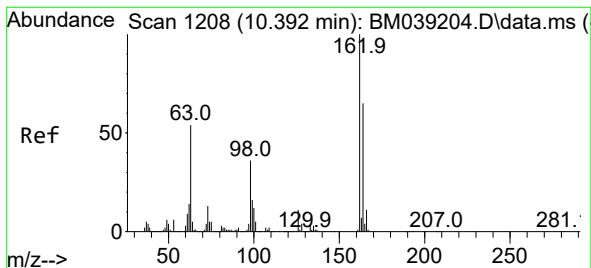
Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.8

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 58.103 ng

RT: 10.387 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

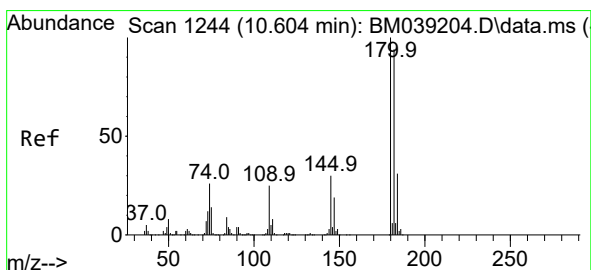
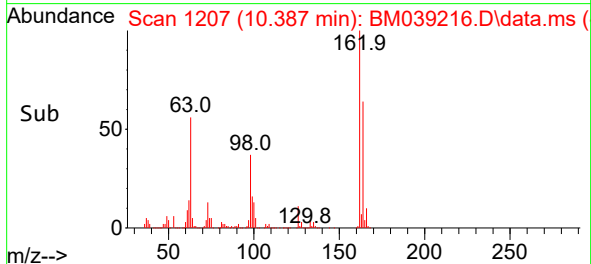
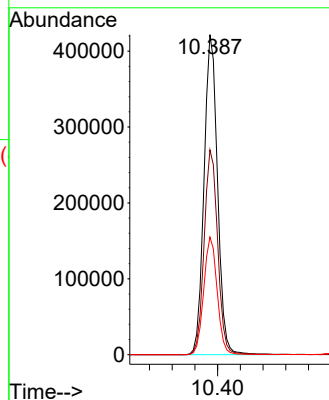
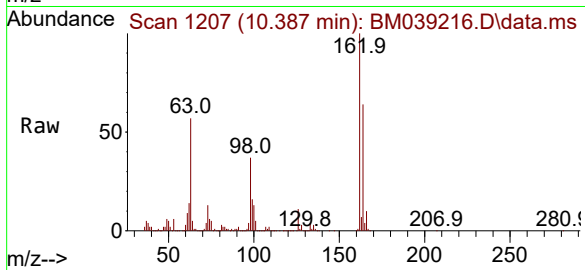
Tgt Ion:162 Resp: 695692

Ion Ratio Lower Upper

162 100

164 64.0 44.8 84.8

98 36.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 57.632 ng

RT: 10.598 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

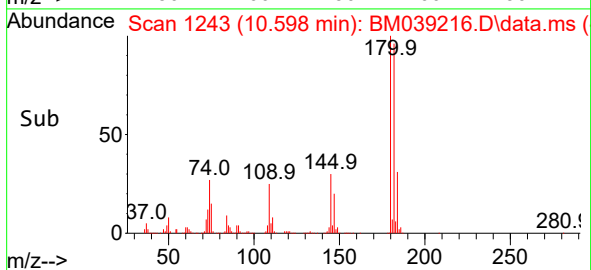
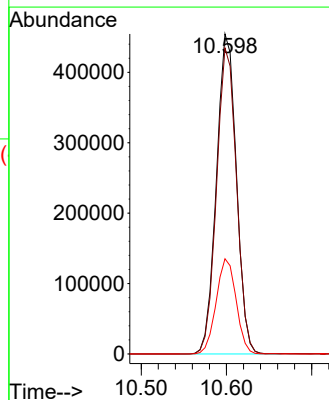
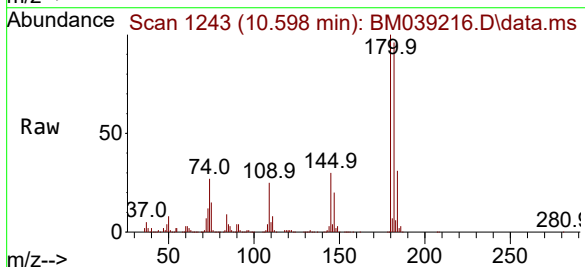
Tgt Ion:180 Resp: 738248

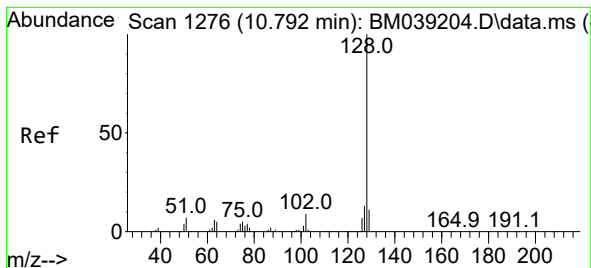
Ion Ratio Lower Upper

180 100

182 95.6 75.2 112.8

145 29.8 23.9 35.9





#31

Naphthalene

Concen: 55.009 ng

RT: 10.787 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

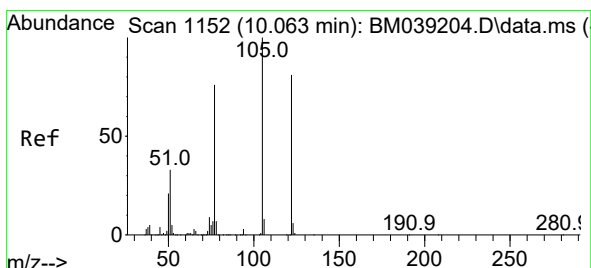
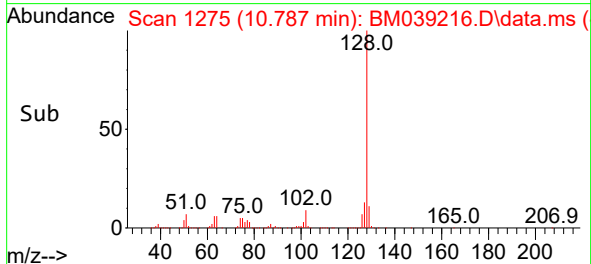
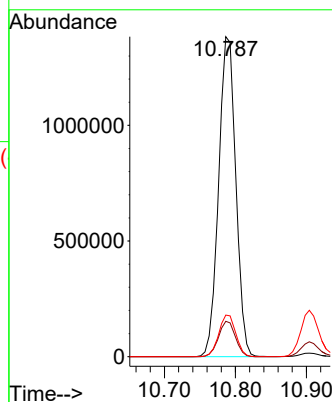
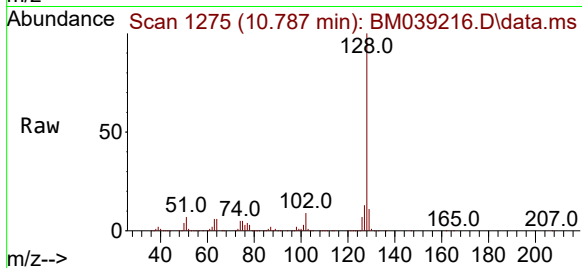
Tgt Ion:128 Resp: 2314168

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 53.187 ng

RT: 10.069 min Scan# 1153

Delta R.T. 0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

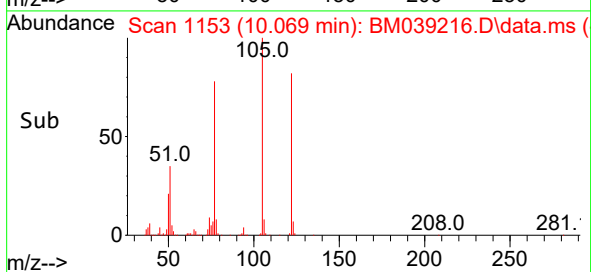
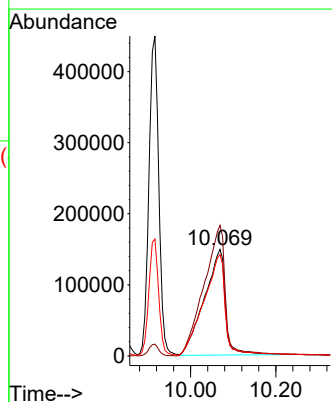
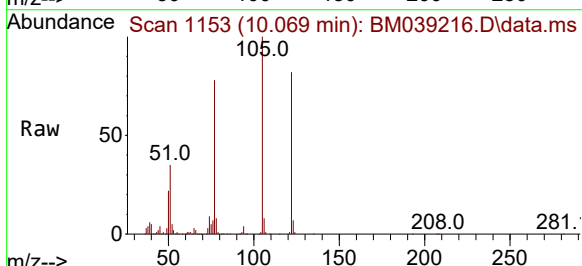
Tgt Ion:122 Resp: 508722

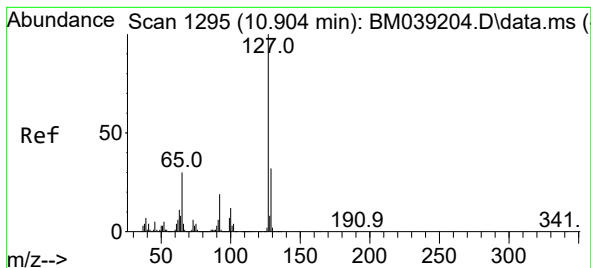
Ion Ratio Lower Upper

122 100

105 122.6 103.1 143.1

77 95.2 74.6 114.6





#33

4-Chloroaniline

Concen: 19.792 ng

RT: 10.904 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

Tgt Ion:127 Resp: 364776

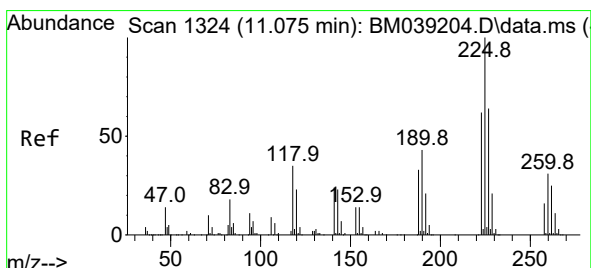
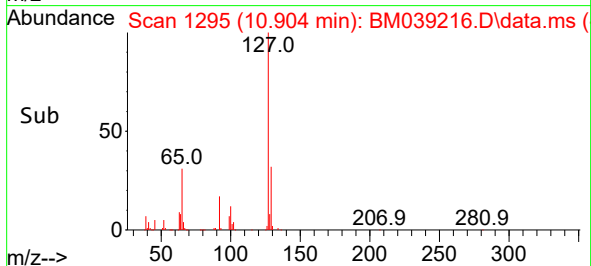
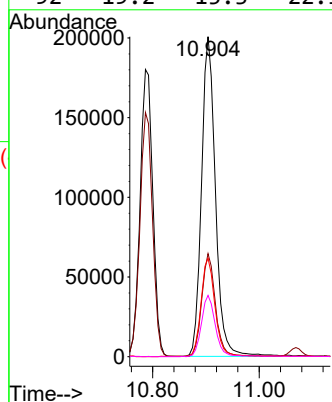
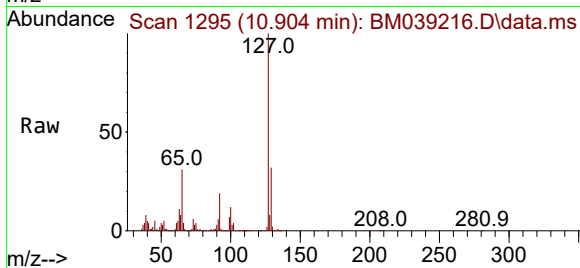
Ion Ratio Lower Upper

127 100

129 32.2 25.7 38.5

65 30.8 24.1 36.1

92 19.2 15.3 22.9



#34

Hexachlorobutadiene

Concen: 56.805 ng

RT: 11.069 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

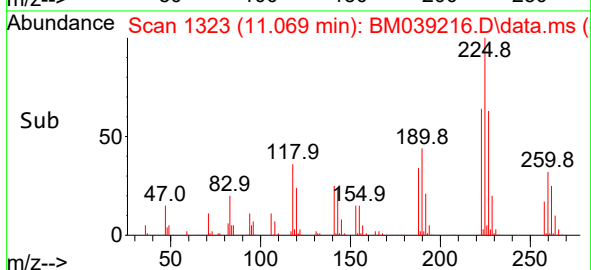
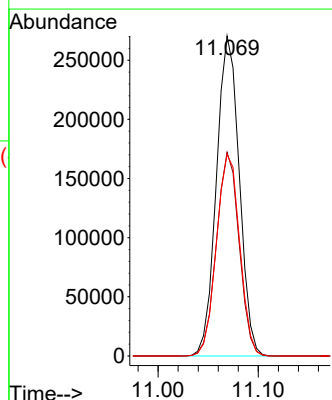
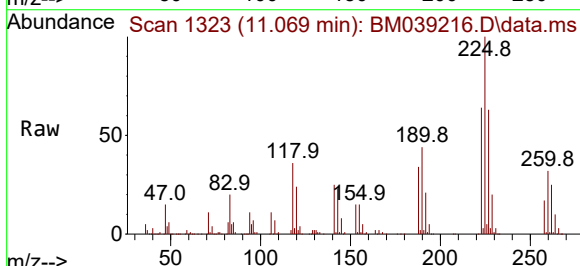
Tgt Ion:225 Resp: 427867

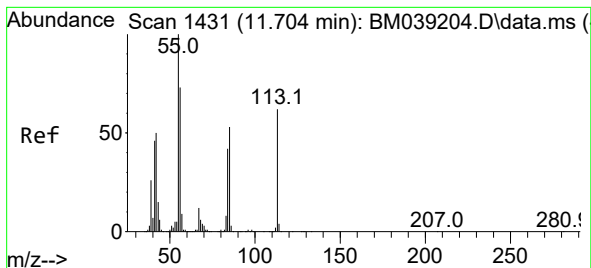
Ion Ratio Lower Upper

225 100

223 63.6 49.8 74.6

227 63.0 51.6 77.4

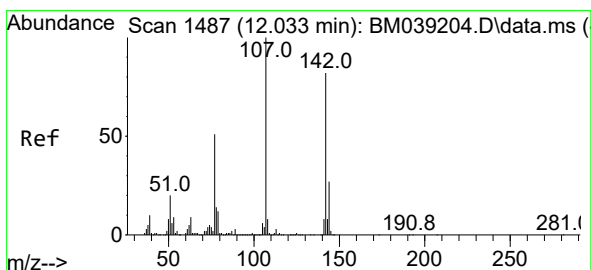
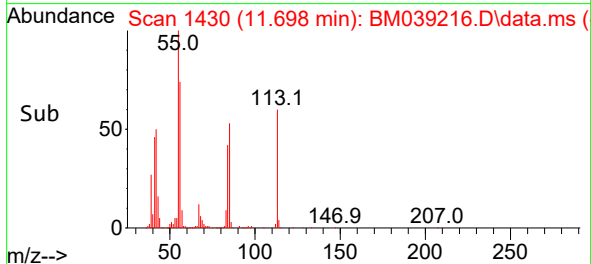
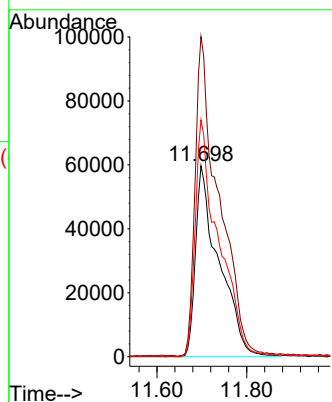
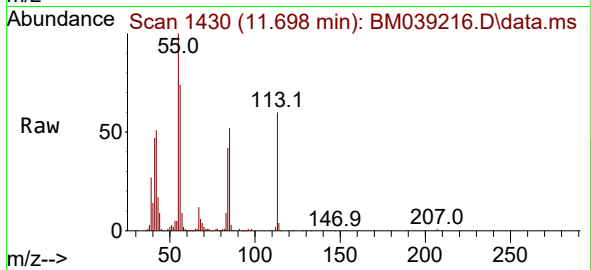




#35
 Caprolactam
 Concen: 52.004 ng
 RT: 11.698 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: BM039216.D
 Acq: 29 Mar 2023 22:09

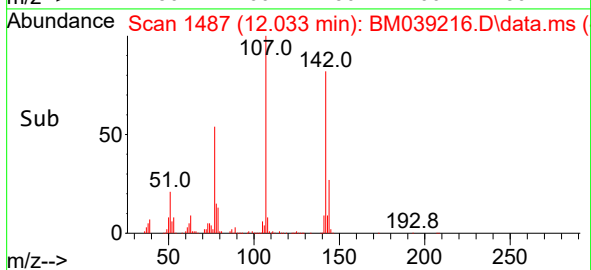
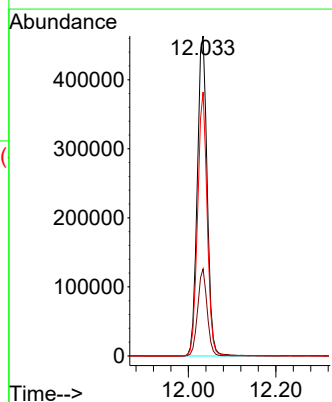
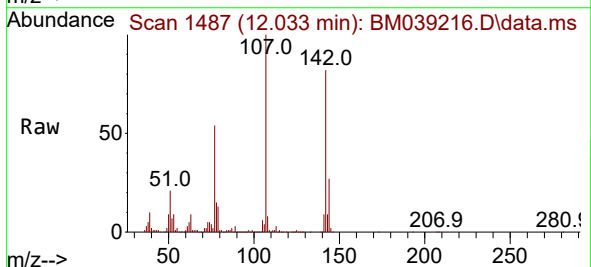
Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

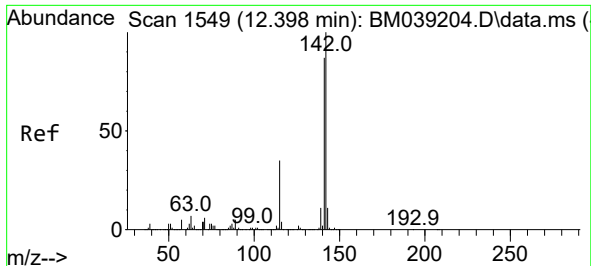
Tgt Ion:113 Resp: 216202
 Ion Ratio Lower Upper
 113 100
 55 167.6 141.8 181.8
 56 124.0 98.3 138.3



#36
 4-Chloro-3-methylphenol
 Concen: 55.328 ng
 RT: 12.033 min Scan# 1487
 Delta R.T. 0.000 min
 Lab File: BM039216.D
 Acq: 29 Mar 2023 22:09

Tgt Ion:107 Resp: 730917
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.4 32.2
 142 82.4 65.2 97.8

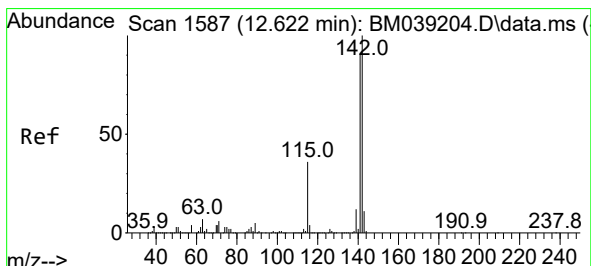
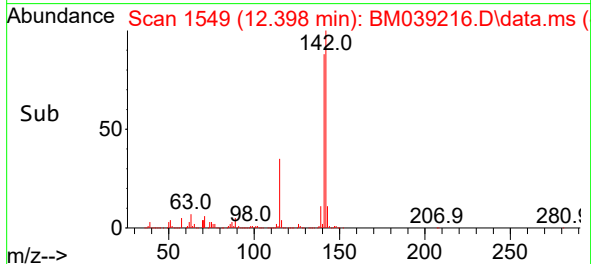
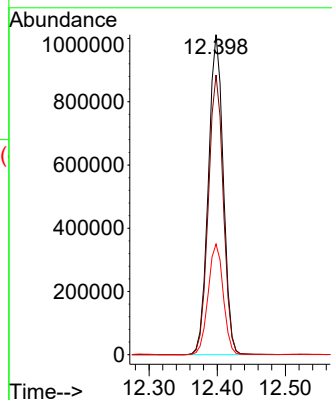
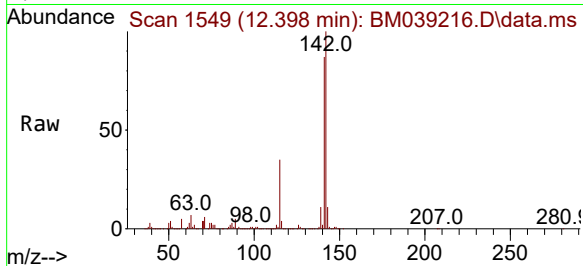




#37
2-Methylnaphthalene
Concen: 52.645 ng
RT: 12.398 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

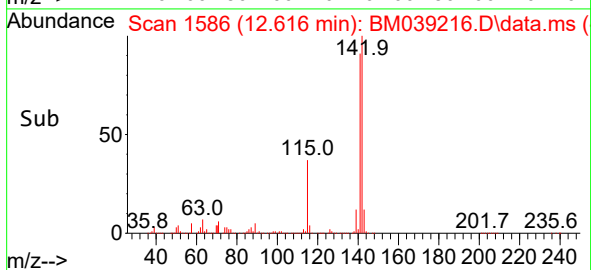
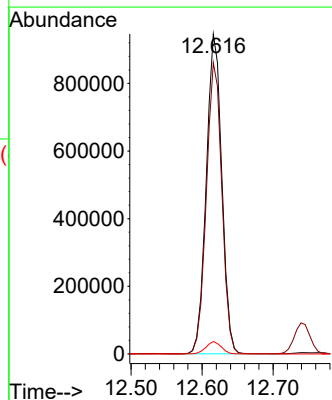
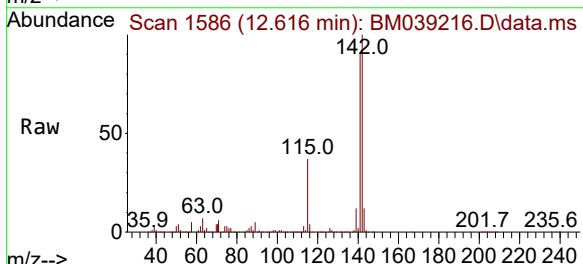
Instrument :
BNA_M
ClientSampleId :
PB151721BS

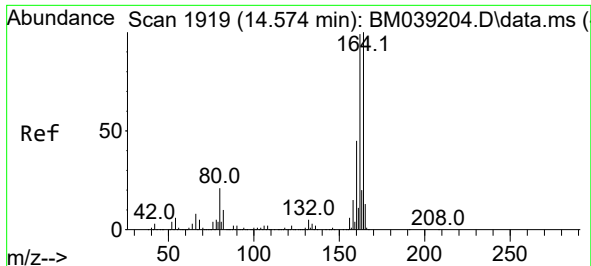
Tgt Ion:142 Resp: 1541766
Ion Ratio Lower Upper
142 100
141 87.4 69.8 104.8
115 34.6 27.8 41.8



#38
1-Methylnaphthalene
Concen: 52.380 ng
RT: 12.616 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:142 Resp: 1436388
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8
116 3.9 3.0 4.4

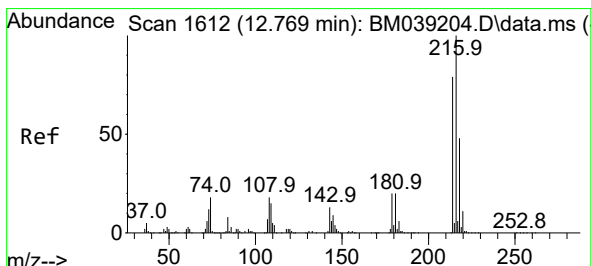
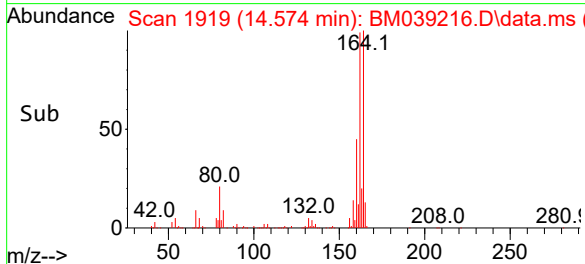
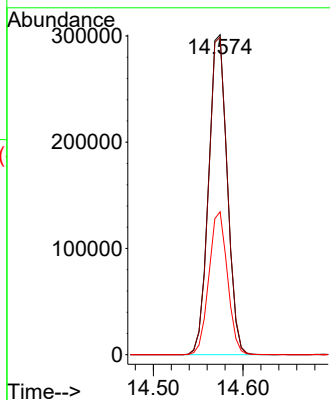
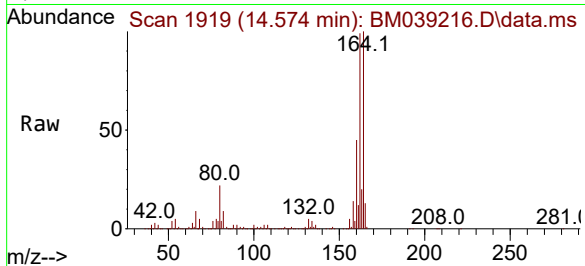




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

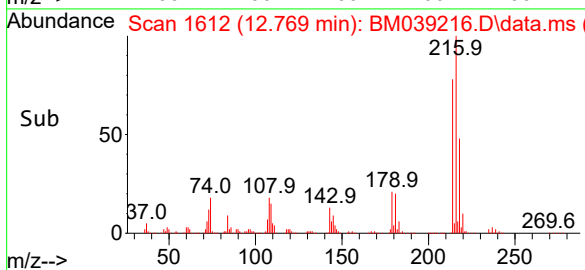
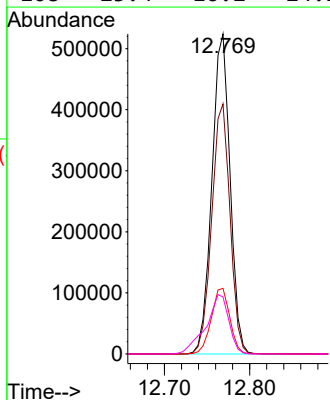
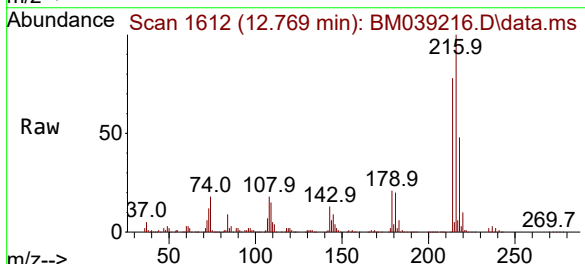
Instrument :
BNA_M
ClientSampleId :
PB151721BS

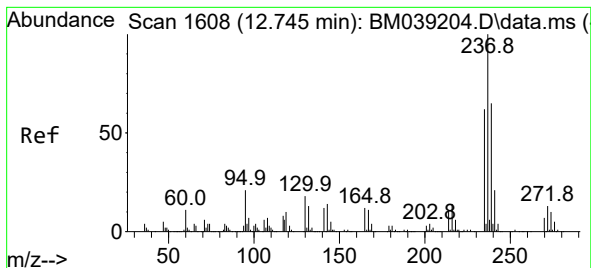
Tgt Ion:164 Resp: 433370
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 44.7 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.725 ng
RT: 12.769 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:216 Resp: 774856
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 20.9 16.8 25.2
108 23.4 16.2 24.2

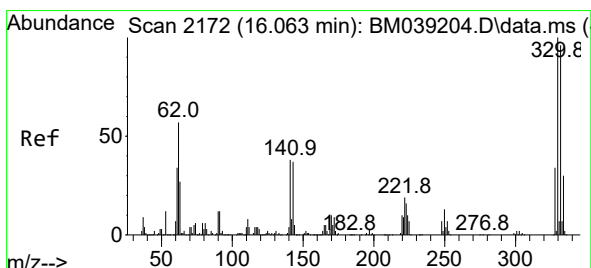
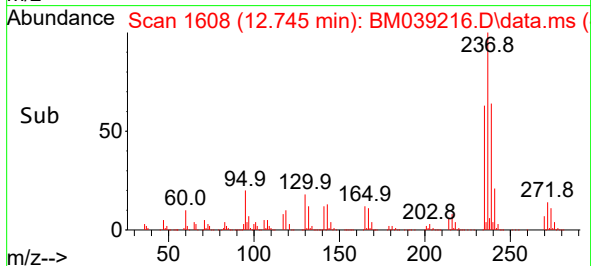
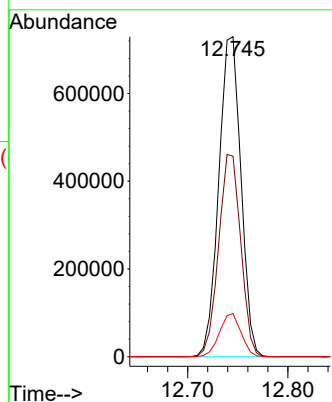
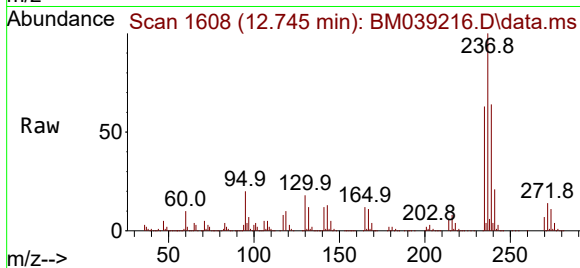




#41
Hexachlorocyclopentadiene
Concen: 155.206 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

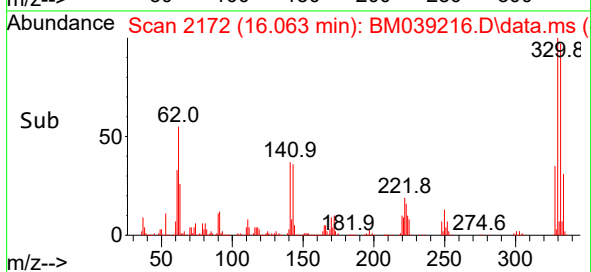
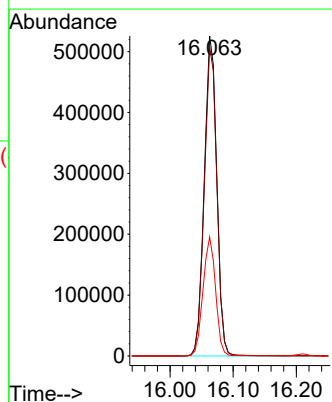
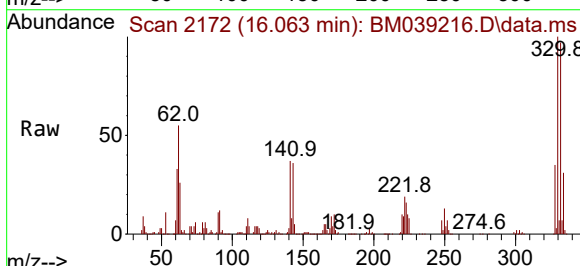
Instrument :
BNA_M
ClientSampleId :
PB151721BS

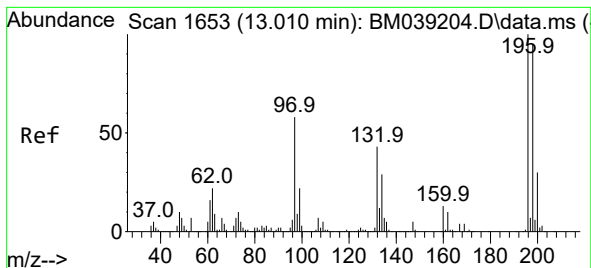
Tgt Ion:237 Resp: 1118779
Ion Ratio Lower Upper
237 100
235 62.7 41.6 81.6
272 13.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 131.791 ng
RT: 16.063 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:330 Resp: 725009
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.3 29.8 44.6

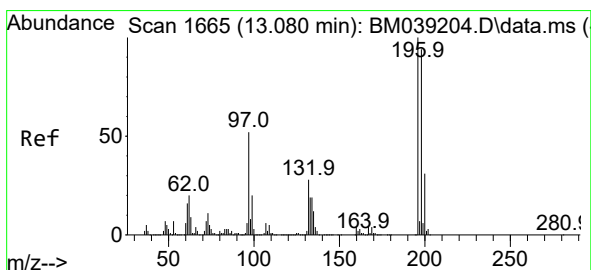
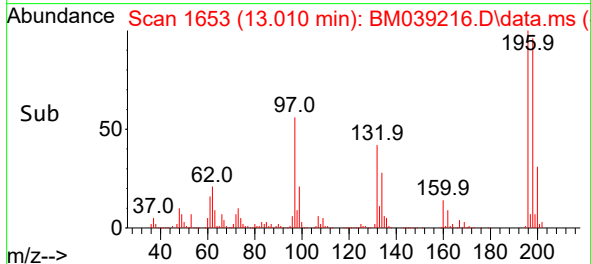
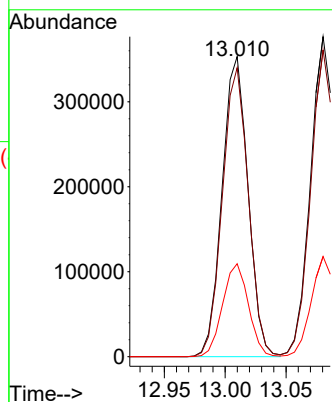
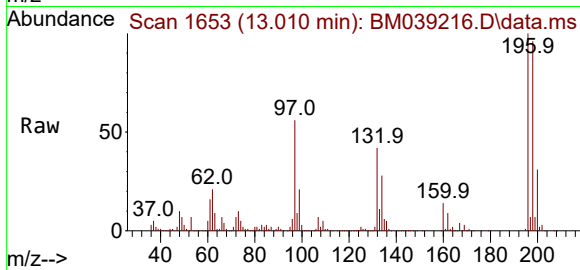




#43
2,4,6-Trichlorophenol
Concen: 58.199 ng
RT: 13.010 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

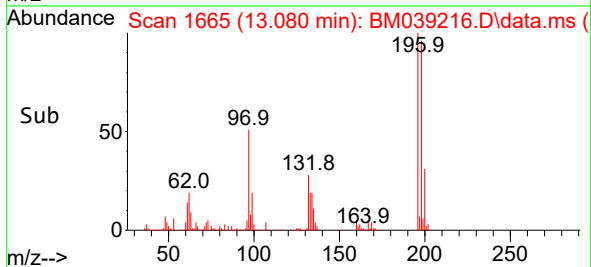
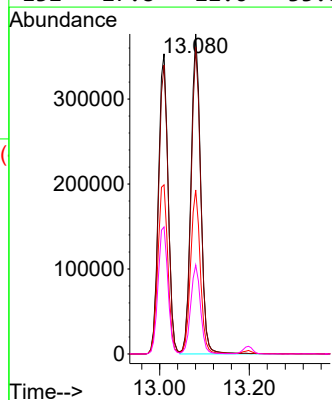
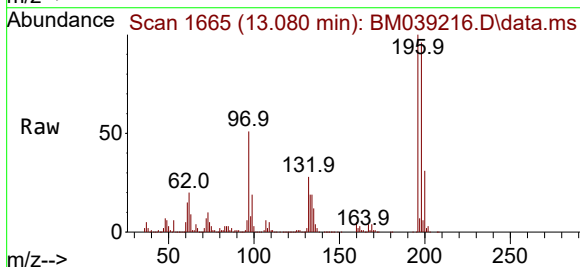
Instrument :
BNA_M
ClientSampleId :
PB151721BS

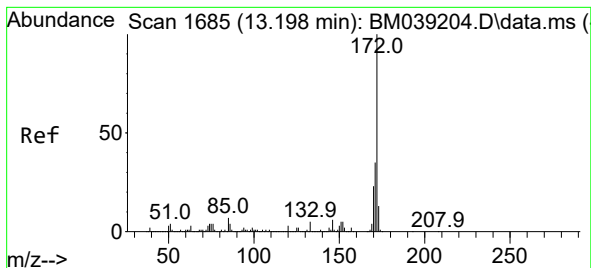
Tgt Ion:196 Resp: 523706
Ion Ratio Lower Upper
196 100
198 96.3 76.2 114.2
200 31.0 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 53.471 ng
RT: 13.080 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:196 Resp: 564068
Ion Ratio Lower Upper
196 100
198 95.9 75.2 112.8
97 51.2 41.4 62.0
132 27.8 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 90.762 ng

RT: 13.198 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

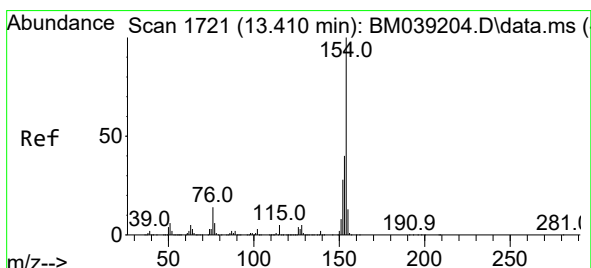
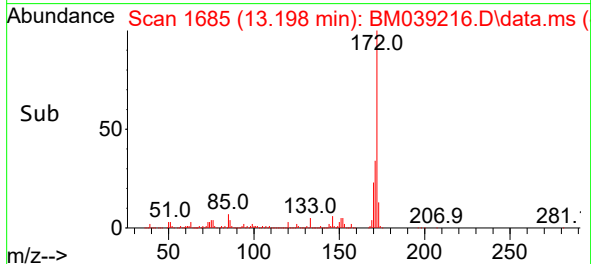
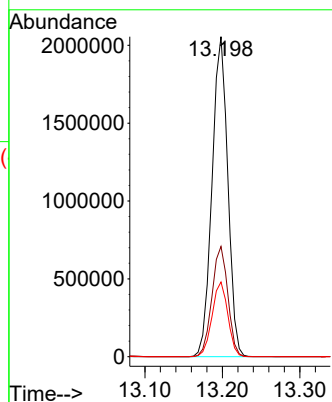
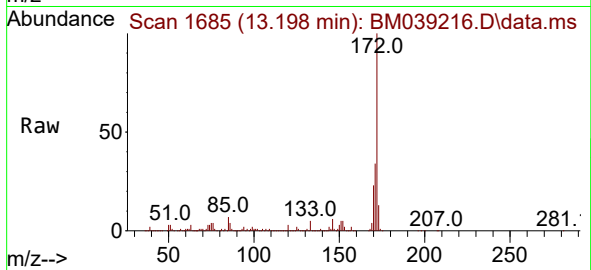
Tgt Ion:172 Resp: 2903029

Ion Ratio Lower Upper

172 100

171 34.5 28.0 42.0

170 23.4 18.7 28.1



#46

1,1'-Biphenyl

Concen: 57.638 ng

RT: 13.410 min Scan# 1721

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

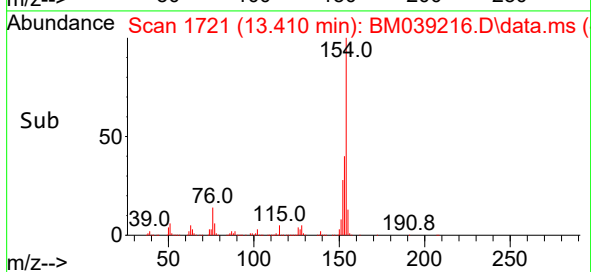
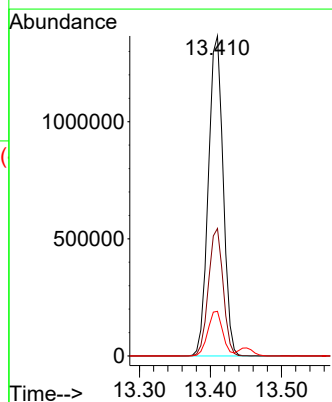
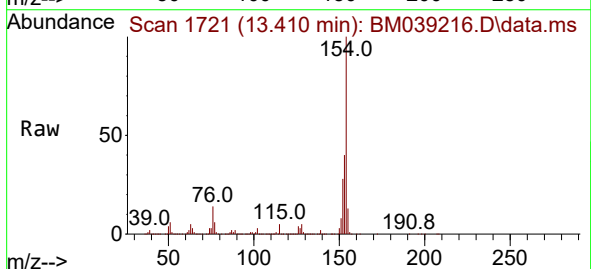
Tgt Ion:154 Resp: 1972485

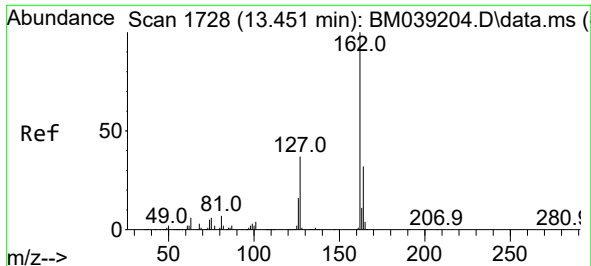
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 14.0 0.0 33.5

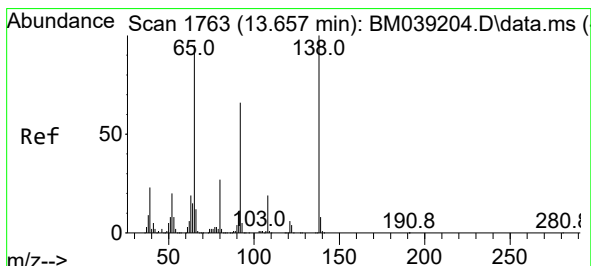
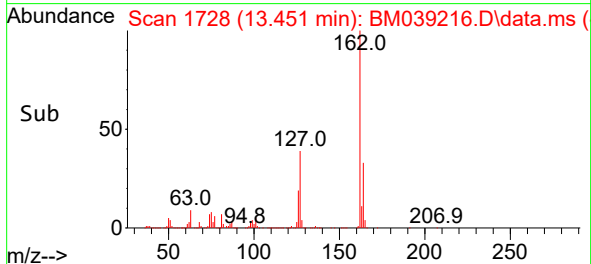
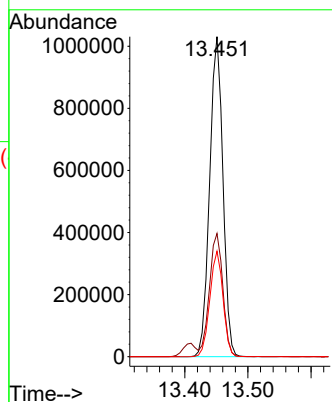
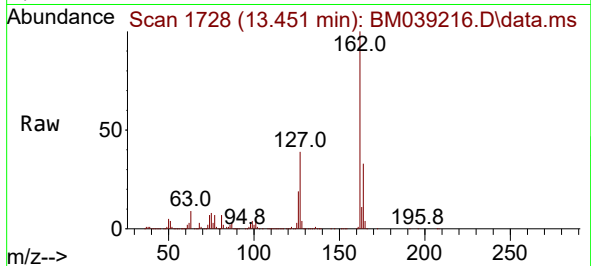




#47
2-Chloronaphthalene
Concen: 58.023 ng
RT: 13.451 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

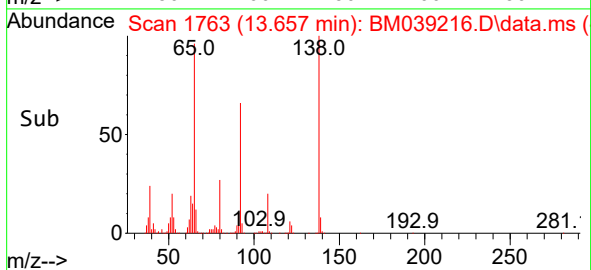
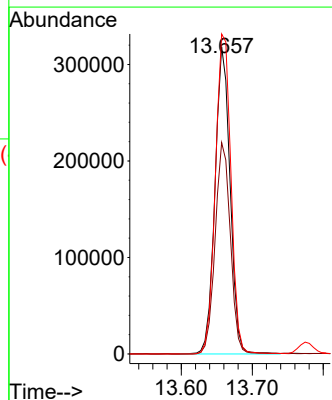
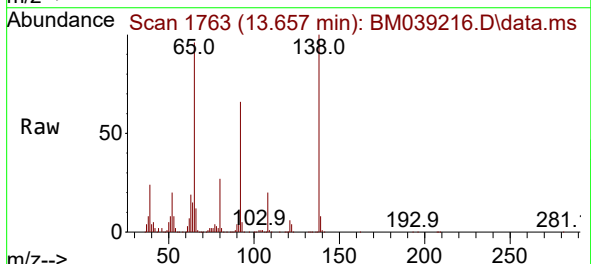
Instrument :
BNA_M
ClientSampleId :
PB151721BS

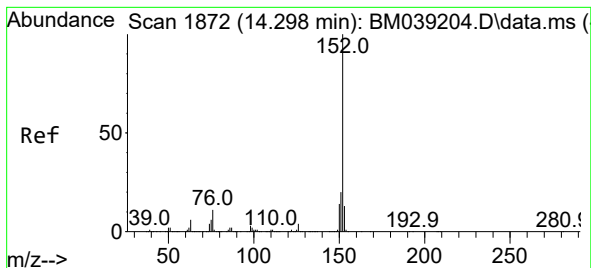
Tgt Ion:162 Resp: 1503496
Ion Ratio Lower Upper
162 100
127 38.5 31.4 47.0
164 33.0 25.7 38.5



#48
2-Nitroaniline
Concen: 53.881 ng
RT: 13.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion: 65 Resp: 469835
Ion Ratio Lower Upper
65 100
92 68.8 55.7 83.5
138 104.2 84.5 126.7





#49

Acenaphthylene

Concen: 55.245 ng

RT: 14.298 min Scan# 1872

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

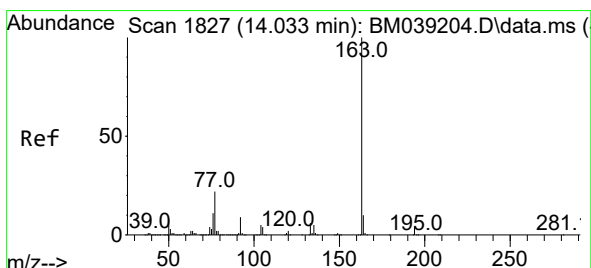
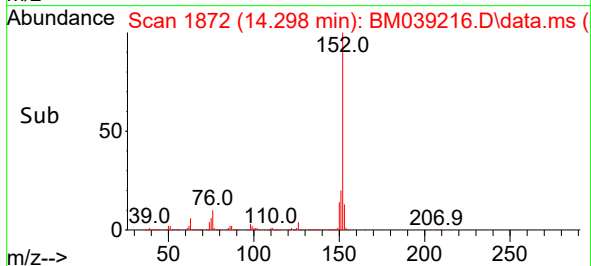
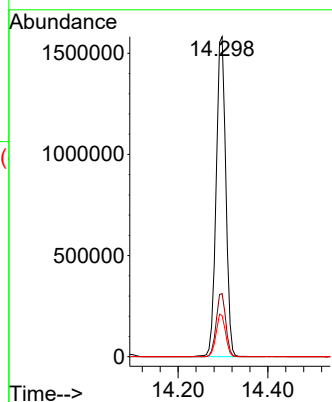
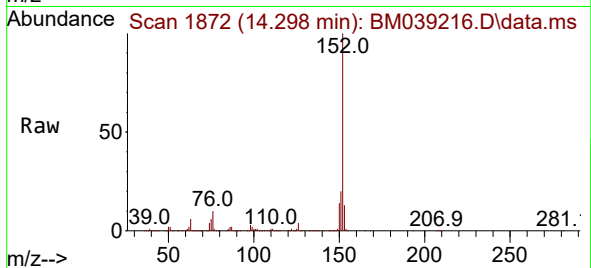
Tgt Ion:152 Resp: 2352756

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 12.8 10.3 15.5



#50

Dimethylphthalate

Concen: 53.325 ng

RT: 14.033 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

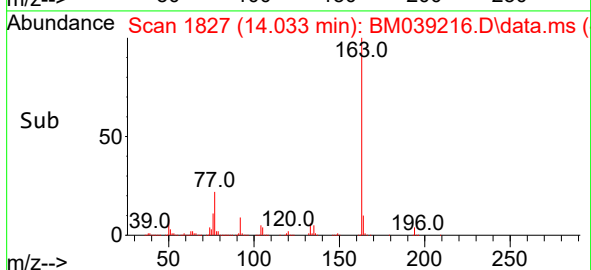
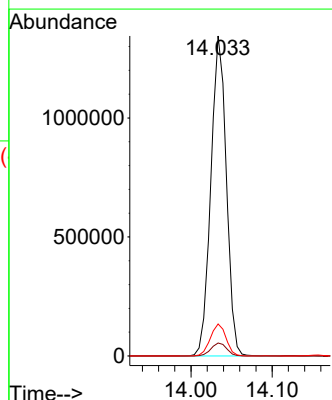
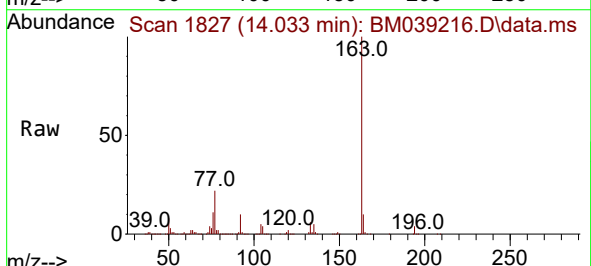
Tgt Ion:163 Resp: 1780970

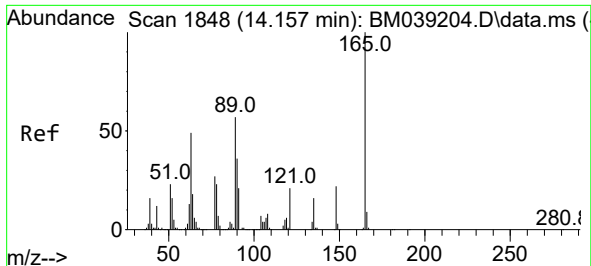
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 54.802 ng

RT: 14.151 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

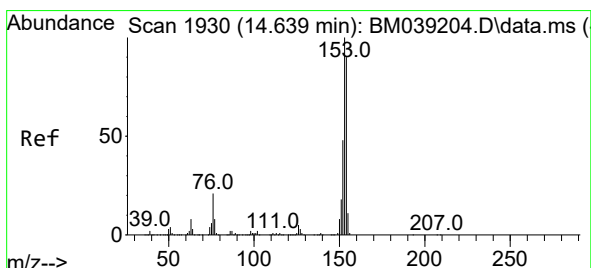
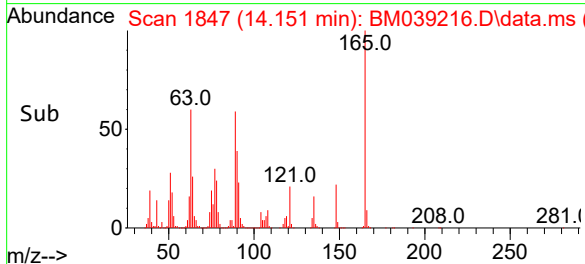
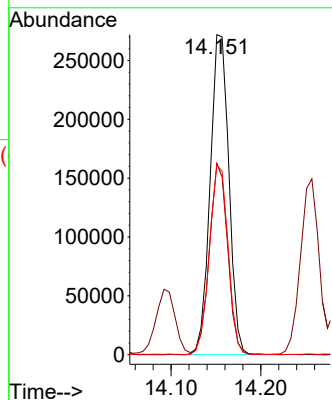
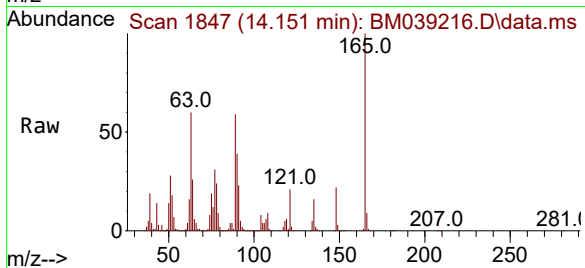
Tgt Ion:165 Resp: 393599

Ion Ratio Lower Upper

165 100

63 59.7 44.9 67.3

89 59.3 45.4 68.0



#52

Acenaphthene

Concen: 55.288 ng

RT: 14.639 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

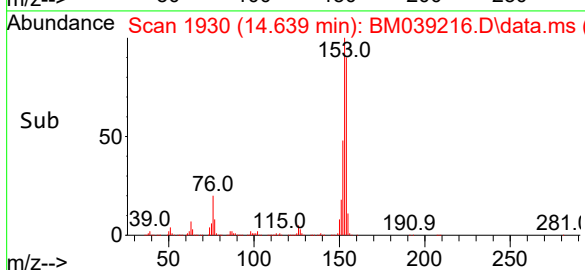
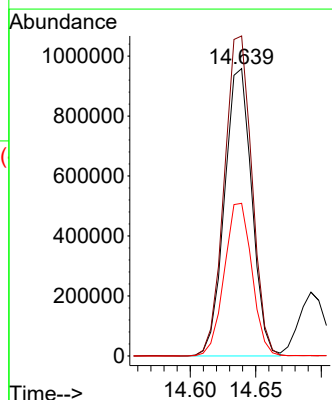
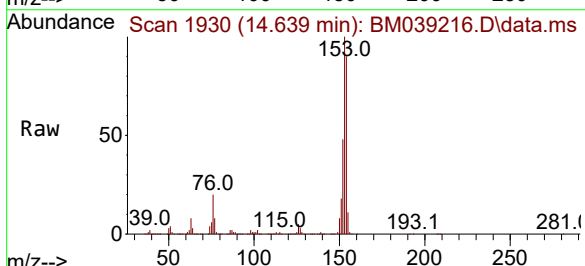
Tgt Ion:154 Resp: 1390346

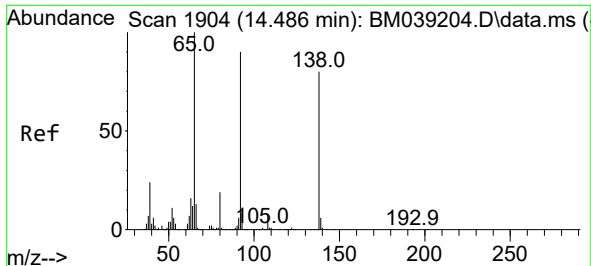
Ion Ratio Lower Upper

154 100

153 111.4 89.1 133.7

152 53.1 42.6 64.0

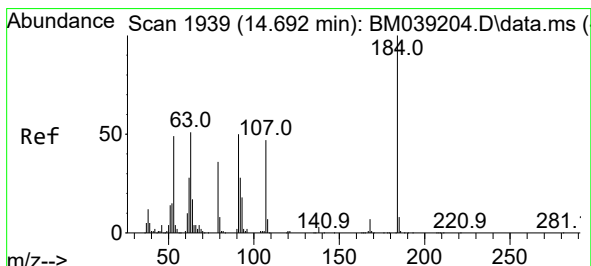
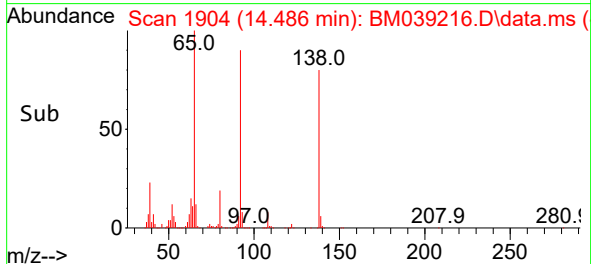
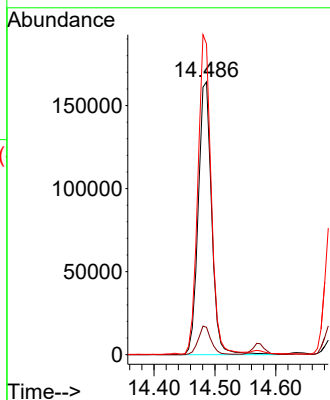
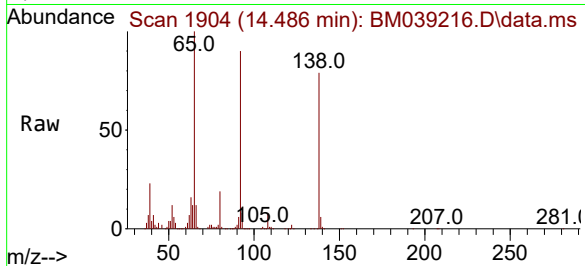




#53
3-Nitroaniline
Concen: 30.207 ng
RT: 14.486 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

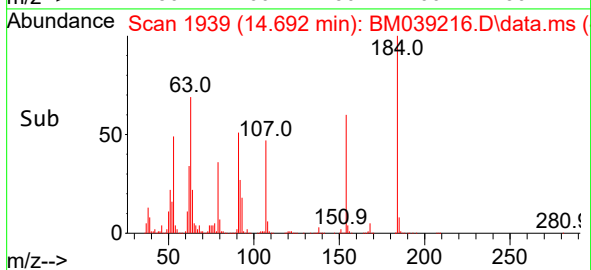
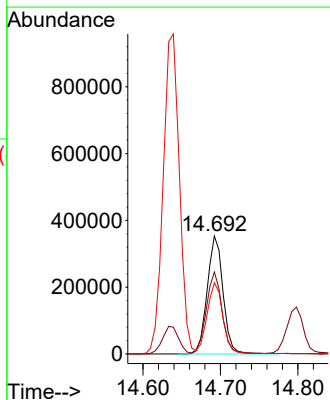
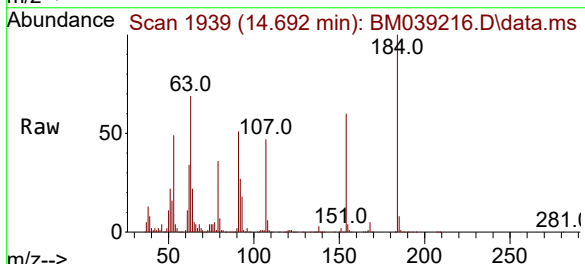
Instrument :
BNA_M
ClientSampleId :
PB151721BS

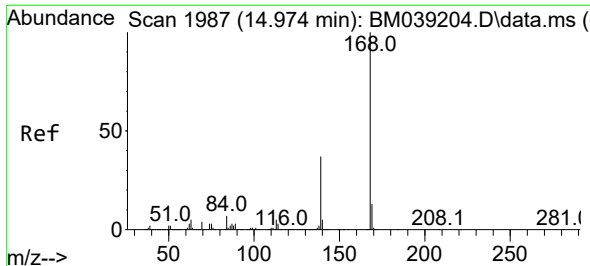
Tgt Ion:138 Resp: 250809
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 113.9 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 117.901 ng
RT: 14.692 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:184 Resp: 501477
Ion Ratio Lower Upper
184 100
63 69.5 56.4 84.6
154 60.3 48.7 73.1

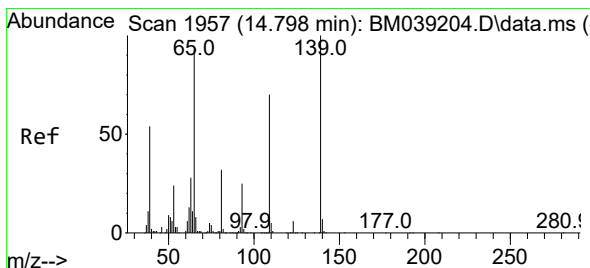
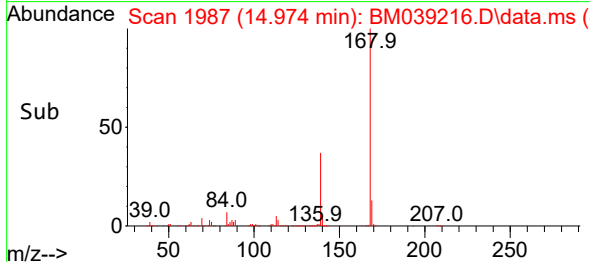
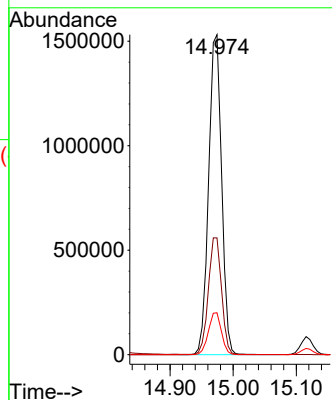
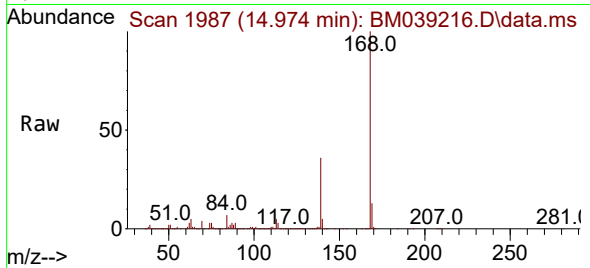




#55
Dibenzofuran
Concen: 54.135 ng
RT: 14.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

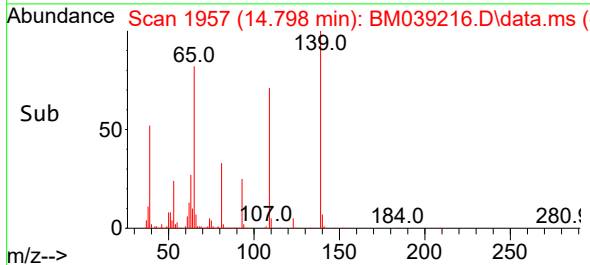
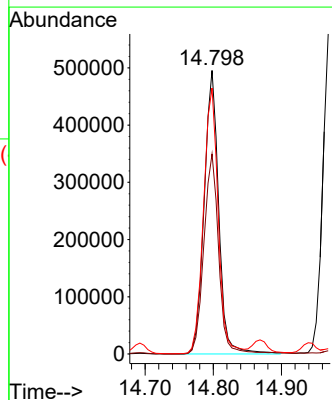
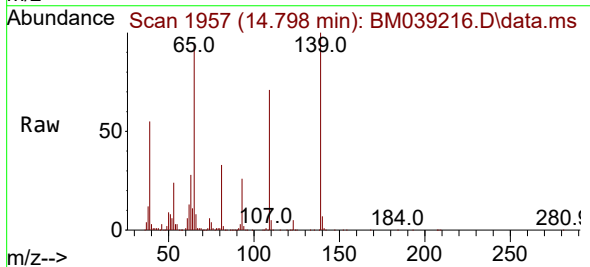
Instrument :
BNA_M
ClientSampleId :
PB151721BS

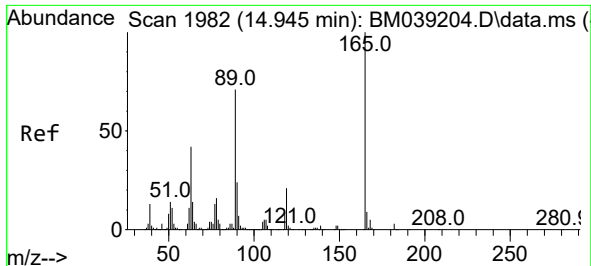
Tgt Ion:168 Resp: 2191702
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.2
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 114.718 ng
RT: 14.798 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:139 Resp: 734493
Ion Ratio Lower Upper
139 100
109 70.6 49.6 89.6
65 93.8 72.9 112.9





#57

2,4-Dinitrotoluene

Concen: 53.906 ng

RT: 14.939 min Scan# 1981

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

Tgt Ion:165 Resp: 523737

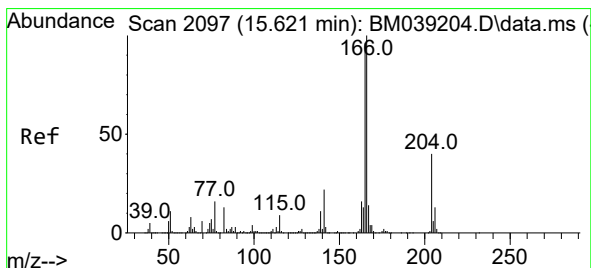
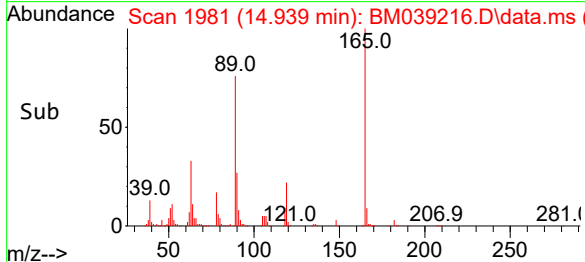
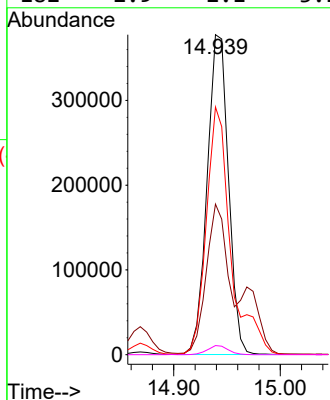
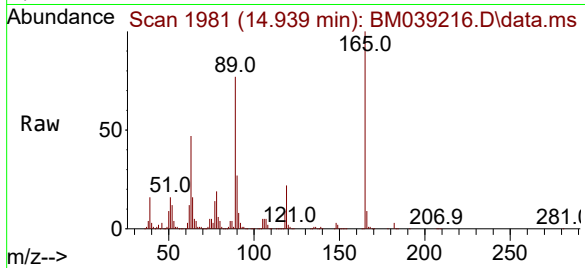
Ion Ratio Lower Upper

165 100

63 47.1 33.5 50.3

89 77.4 56.7 85.1

182 2.9 2.1 3.1



#58

Fluorene

Concen: 54.046 ng

RT: 15.621 min Scan# 2097

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

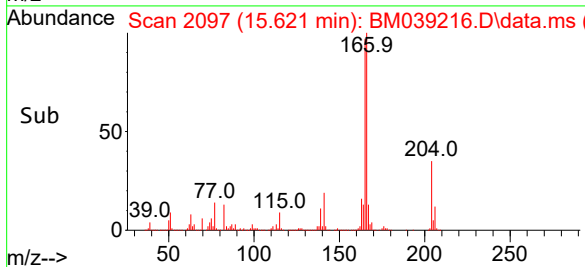
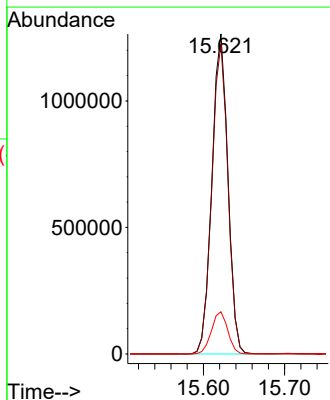
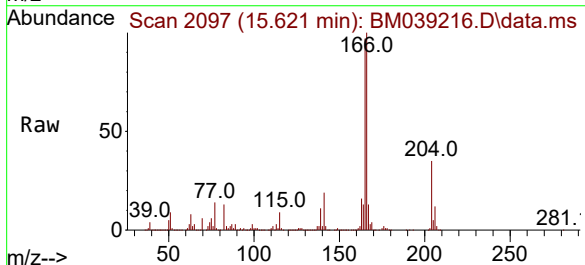
Tgt Ion:166 Resp: 1732652

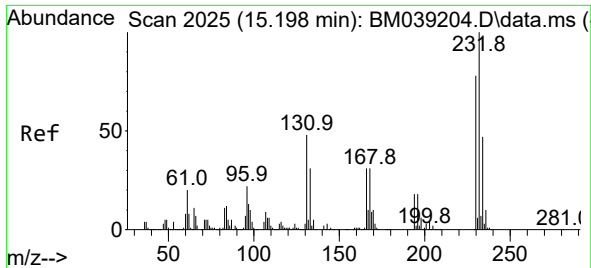
Ion Ratio Lower Upper

166 100

165 96.9 76.9 115.3

167 13.2 10.8 16.2

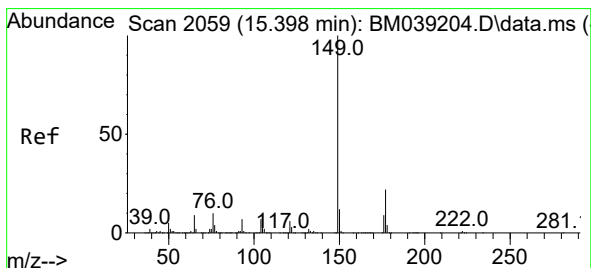
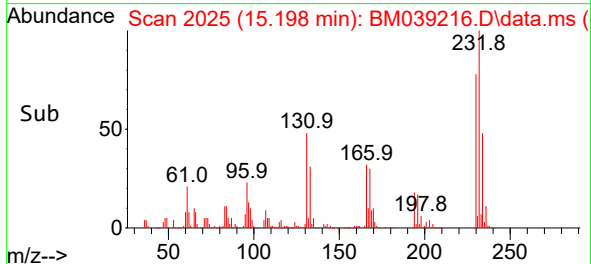
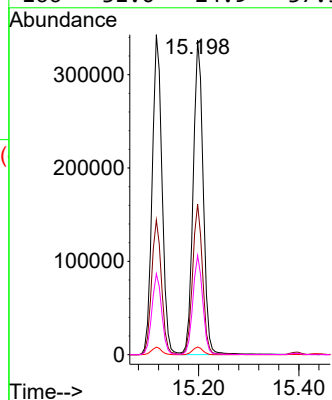
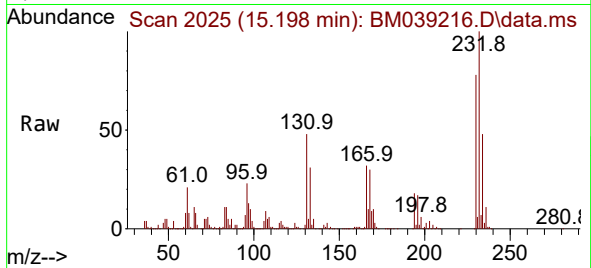




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.689 ng
RT: 15.198 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

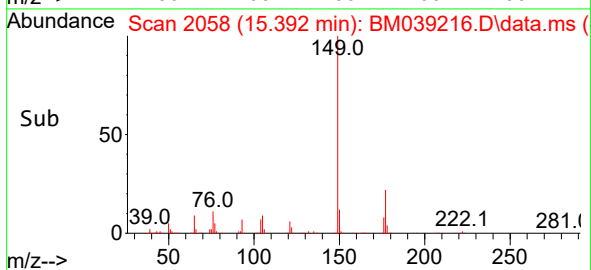
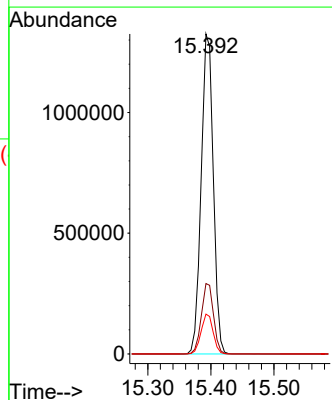
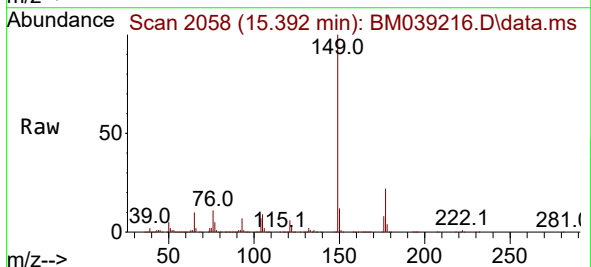
Instrument :
BNA_M
ClientSampleId :
PB151721BS

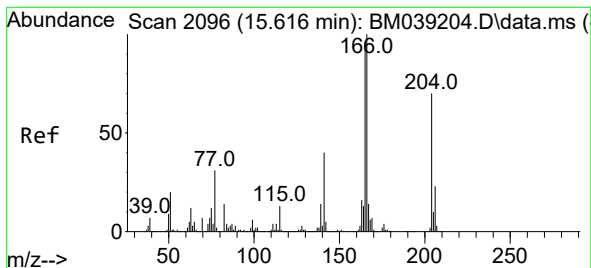
Tgt Ion:232 Resp: 467353
Ion Ratio Lower Upper
232 100
131 47.3 37.7 56.5
130 2.5 1.9 2.9
166 31.0 24.9 37.3



#60
Diethylphthalate
Concen: 52.663 ng
RT: 15.392 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:149 Resp: 1770337
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.4 9.8 14.6

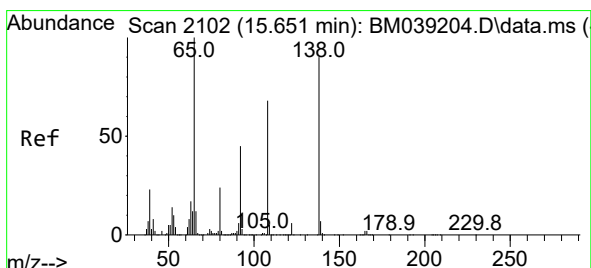
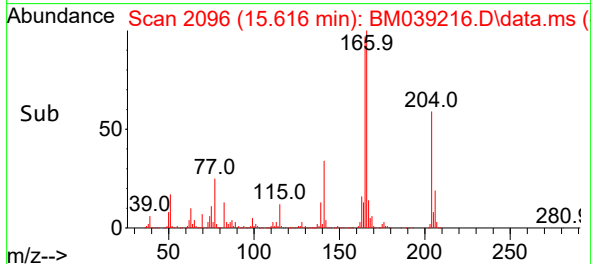
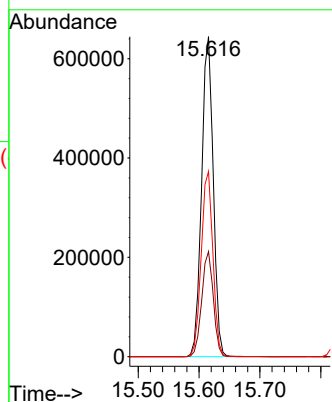
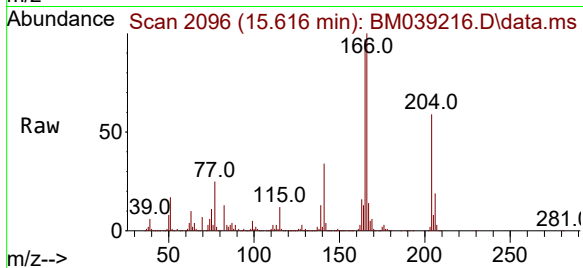




#61
4-Chlorophenyl-phenylether
Concen: 53.893 ng
RT: 15.616 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

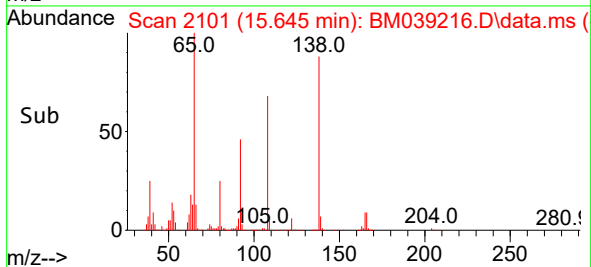
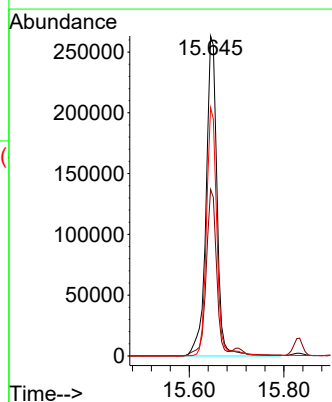
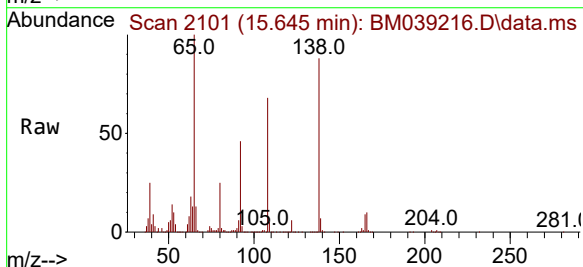
Instrument :
BNA_M
ClientSampleId :
PB151721BS

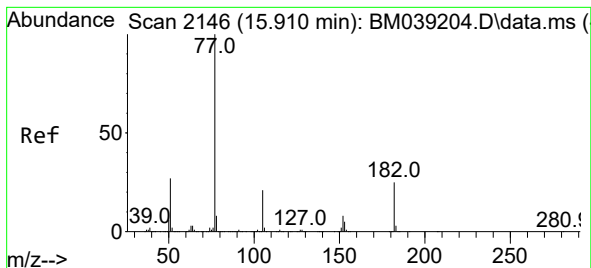
Tgt Ion:204 Resp: 856267
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 57.9 45.8 68.6



#62
4-Nitroaniline
Concen: 49.398 ng
RT: 15.645 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:138 Resp: 420893
Ion Ratio Lower Upper
138 100
92 52.1 30.5 70.5
108 77.6 55.5 95.5





#63

Azobenzene

Concen: 54.654 ng

RT: 15.910 min Scan# 2146

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

Tgt Ion: 77 Resp: 1840738

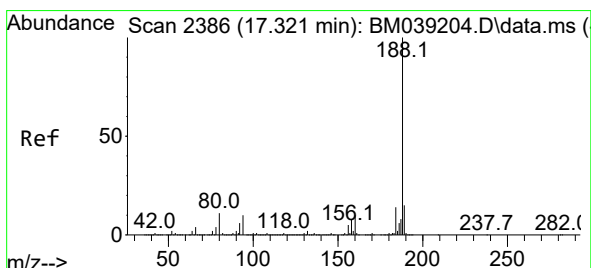
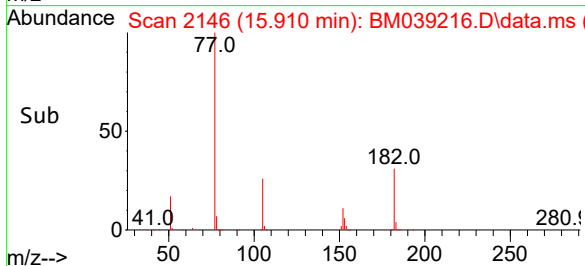
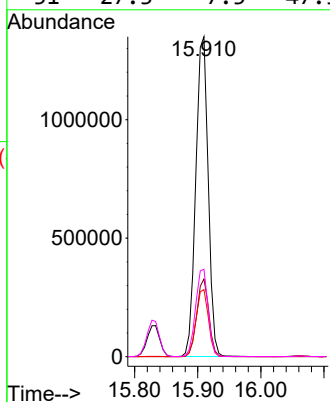
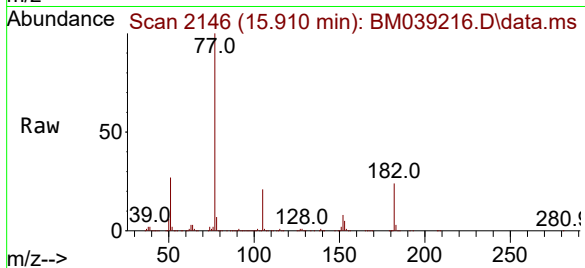
Ion Ratio Lower Upper

77 100

182 24.3 4.8 44.8

105 21.0 1.4 41.4

51 27.3 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

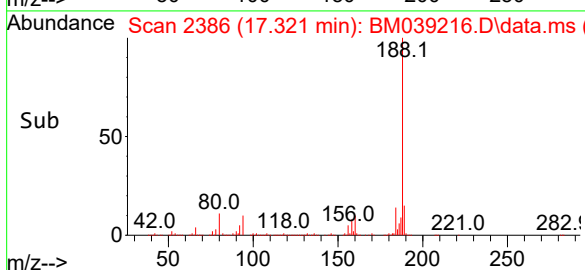
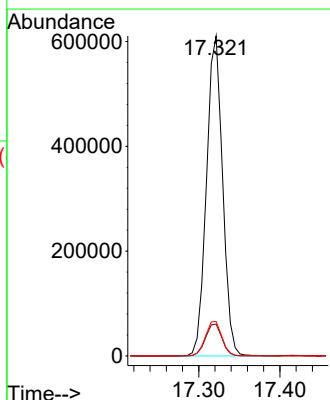
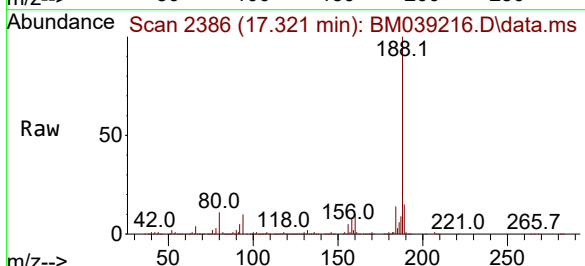
Tgt Ion:188 Resp: 841221

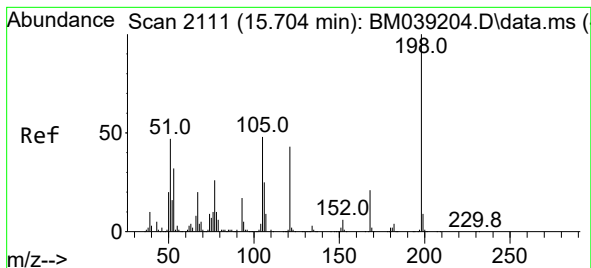
Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 10.8 8.9 13.3

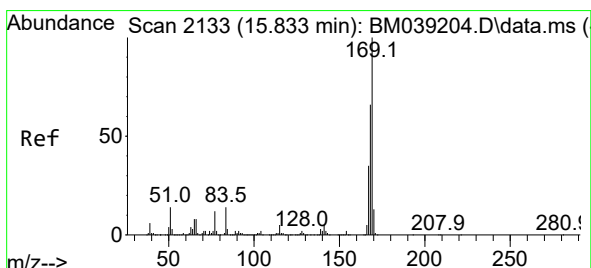
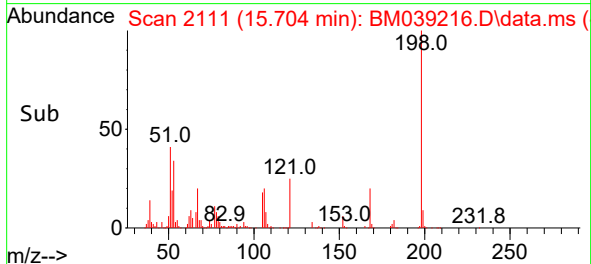
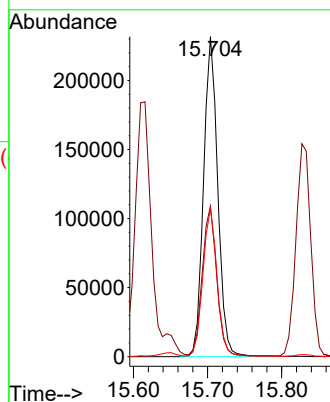
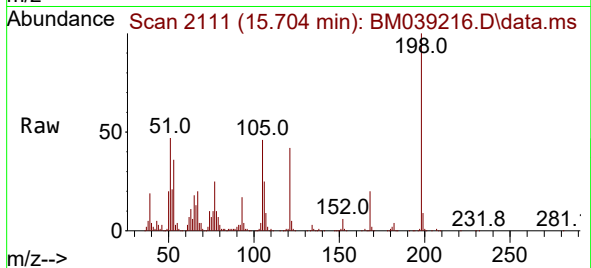




#65
4,6-Dinitro-2-methylphenol
Concen: 55.737 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

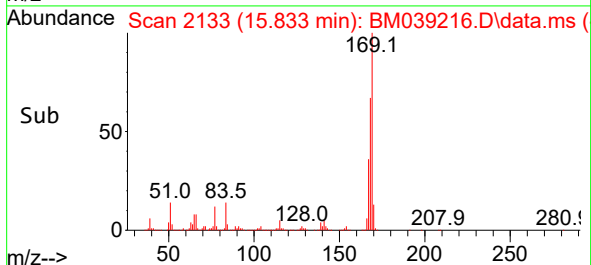
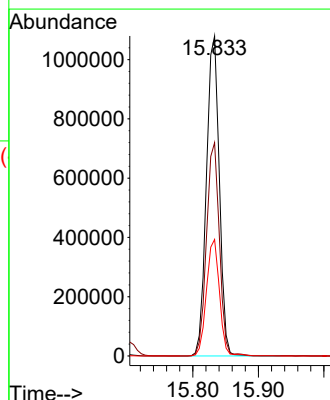
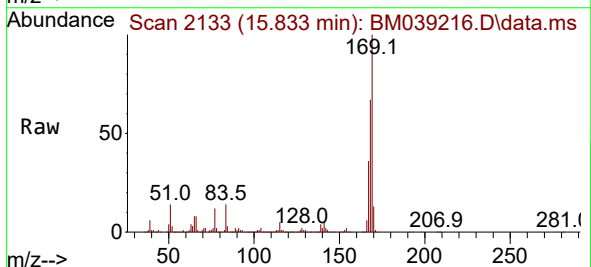
Instrument :
BNA_M
ClientSampleId :
PB151721BS

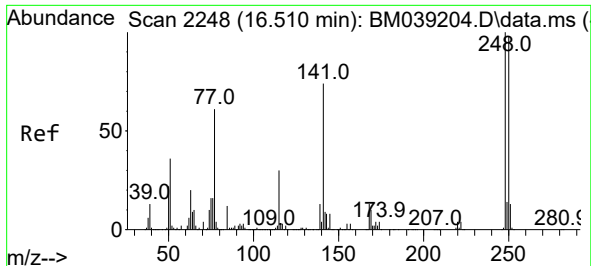
Tgt Ion:198 Resp: 308460
Ion Ratio Lower Upper
198 100
51 47.1 28.9 68.9
105 46.3 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 55.747 ng
RT: 15.833 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:169 Resp: 1477764
Ion Ratio Lower Upper
169 100
168 66.7 52.8 79.2
167 36.4 28.4 42.6

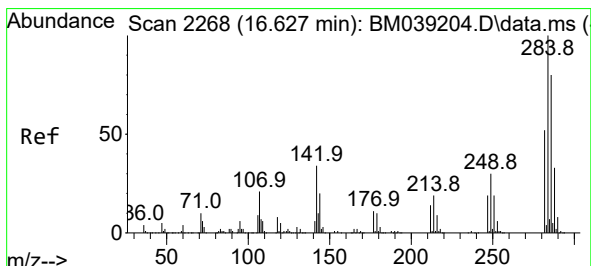
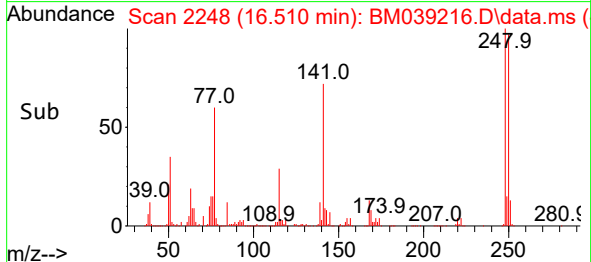
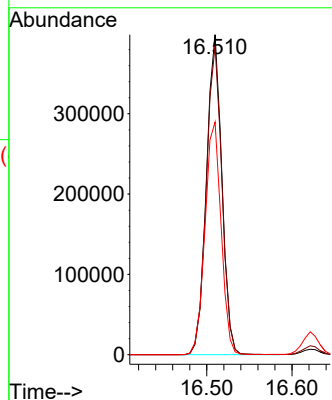
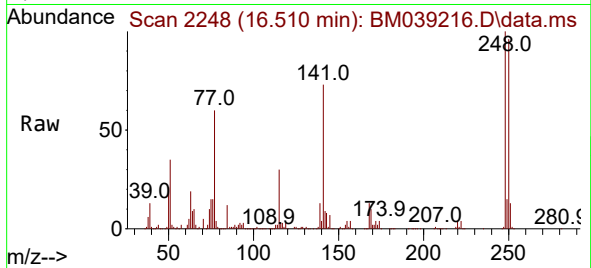




#67
4-Bromophenyl-phenylether
Concen: 56.095 ng
RT: 16.510 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

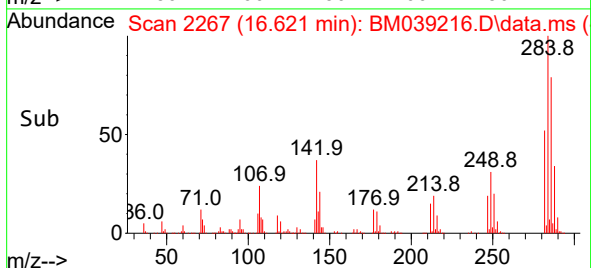
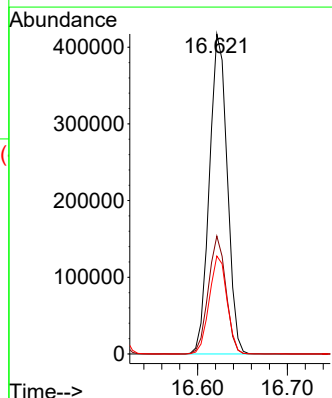
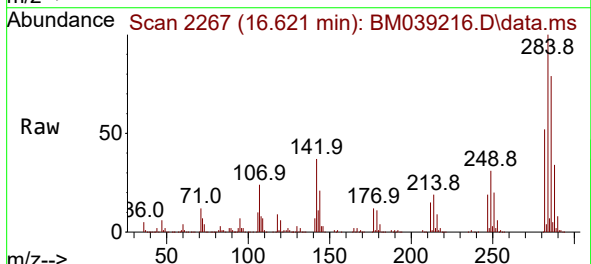
Instrument :
BNA_M
ClientSampleId :
PB151721BS

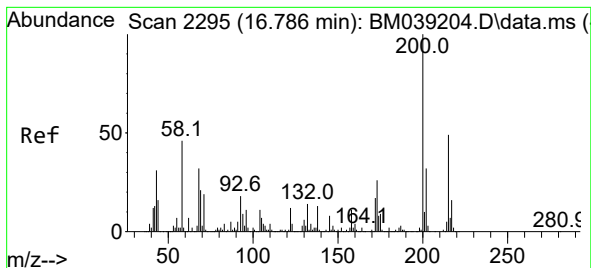
Tgt Ion:248 Resp: 503950
Ion Ratio Lower Upper
248 100
250 96.5 78.8 118.2
141 72.7 58.8 88.2



#68
Hexachlorobenzene
Concen: 58.989 ng
RT: 16.621 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:284 Resp: 574612
Ion Ratio Lower Upper
284 100
142 36.9 27.4 41.2
249 30.6 24.4 36.6





#69

Atrazine

Concen: 58.539 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

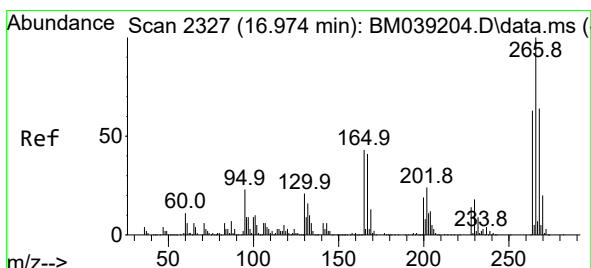
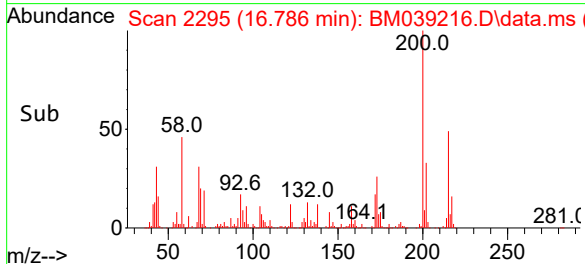
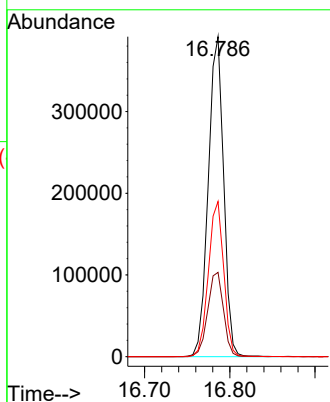
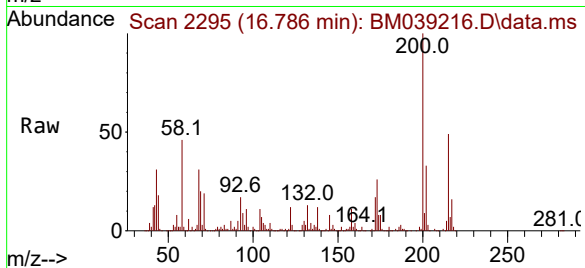
Tgt Ion:200 Resp: 491480

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 48.5 28.9 68.9



#70

Pentachlorophenol

Concen: 106.575 ng

RT: 16.968 min Scan# 2326

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

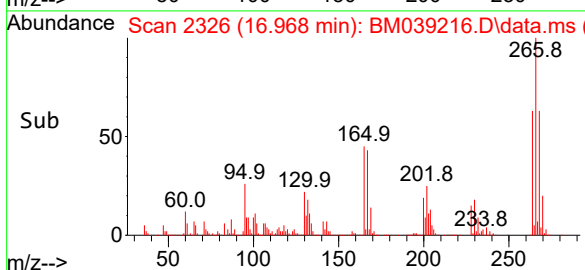
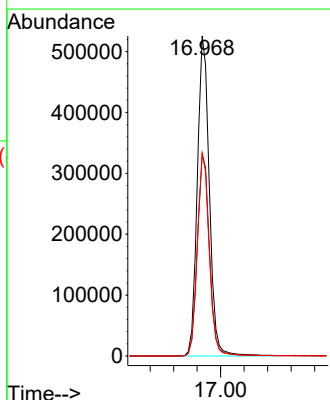
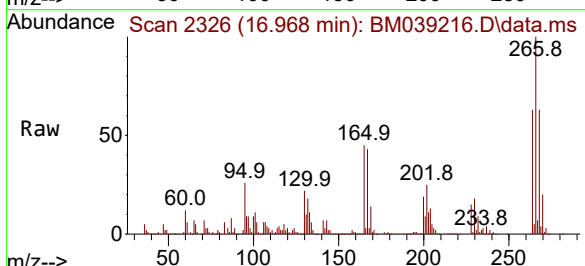
Tgt Ion:266 Resp: 744823

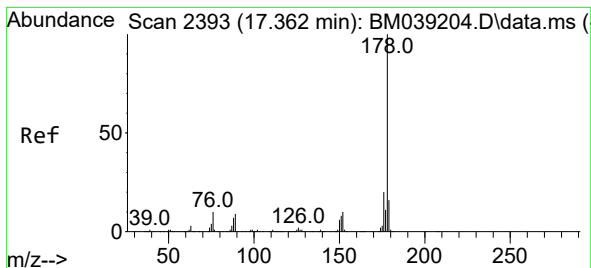
Ion Ratio Lower Upper

266 100

268 63.1 51.4 77.2

264 63.3 50.2 75.4





#71

Phenanthrene

Concen: 55.093 ng

RT: 17.363 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

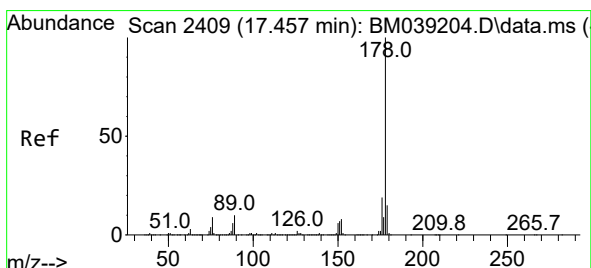
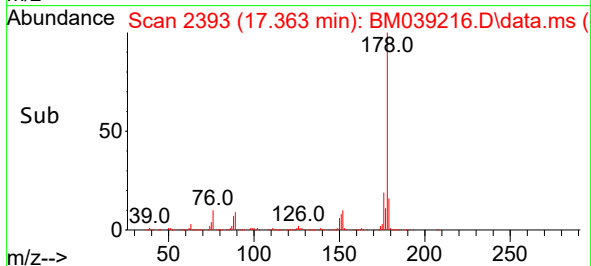
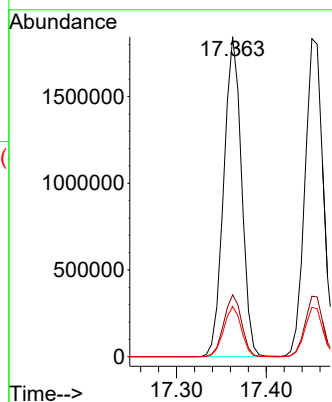
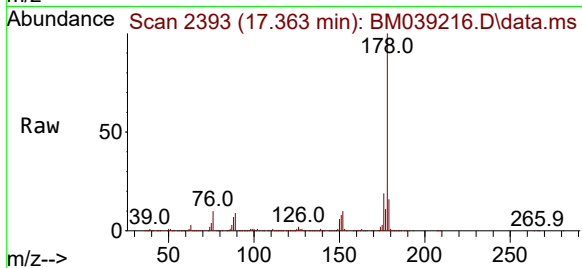
Tgt Ion:178 Resp: 2538248

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

179 15.7 12.4 18.6



#72

Anthracene

Concen: 55.504 ng

RT: 17.451 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

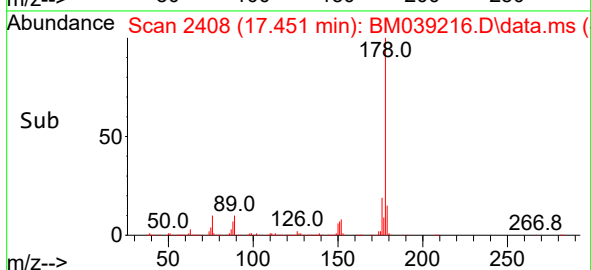
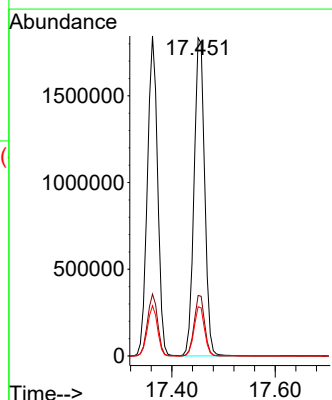
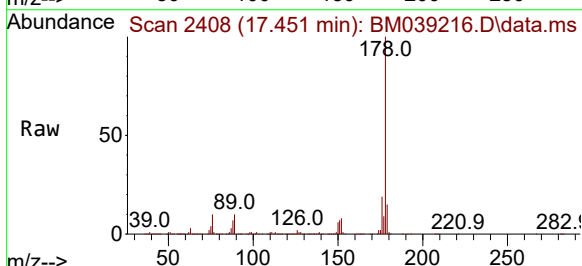
Tgt Ion:178 Resp: 2607520

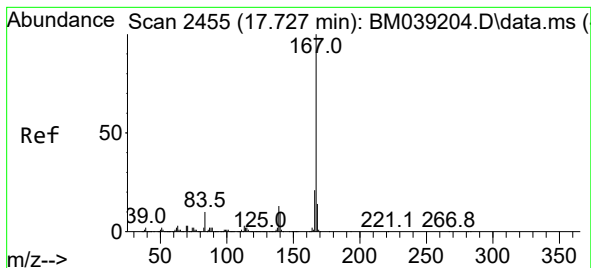
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.5 12.2 18.2





#73

Carbazole

Concen: 54.547 ng

RT: 17.727 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

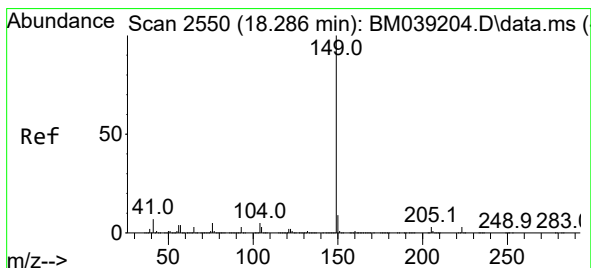
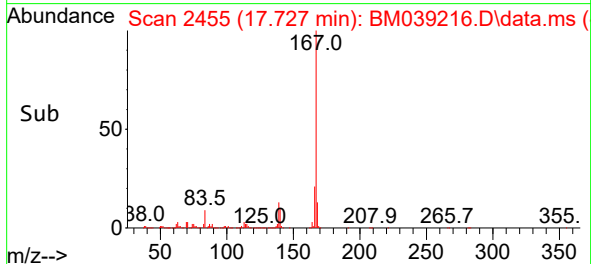
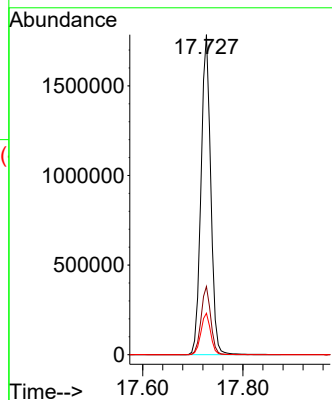
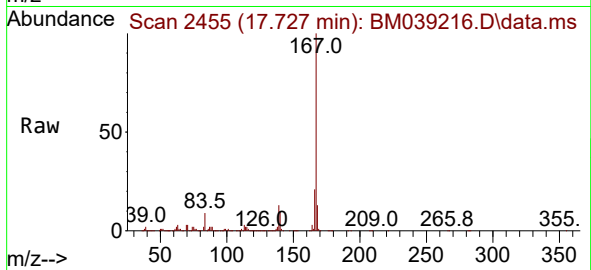
BNA_M

ClientSampleId :

PB151721BS

Tgt Ion:167 Resp: 2394490

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.9	10.6	16.0



#74

Di-n-butylphthalate

Concen: 54.070 ng

RT: 18.286 min Scan# 2550

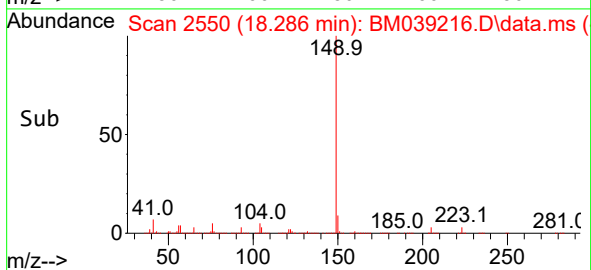
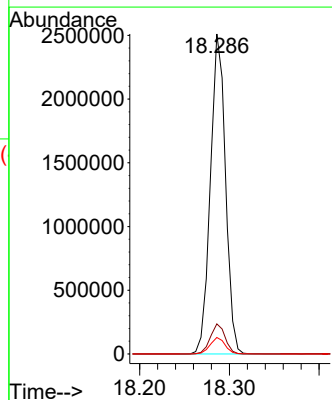
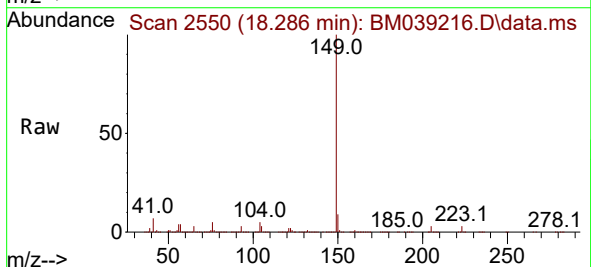
Delta R.T. 0.000 min

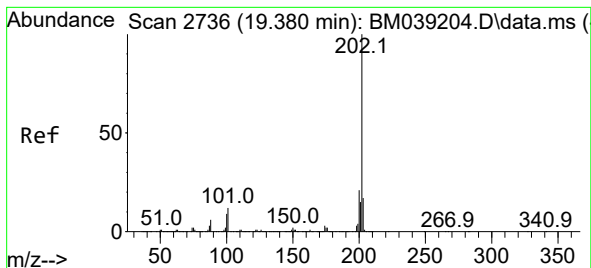
Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Tgt Ion:149 Resp: 2936124

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 51.587 ng

RT: 19.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

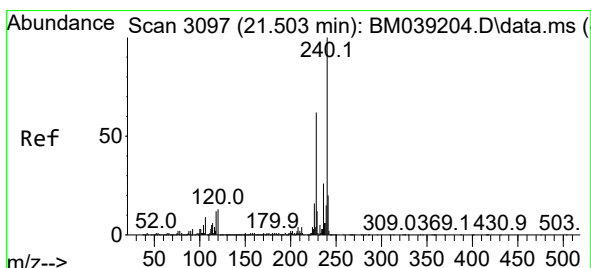
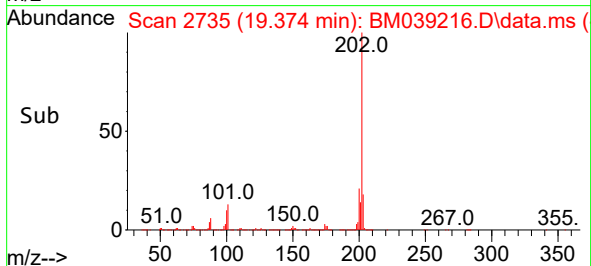
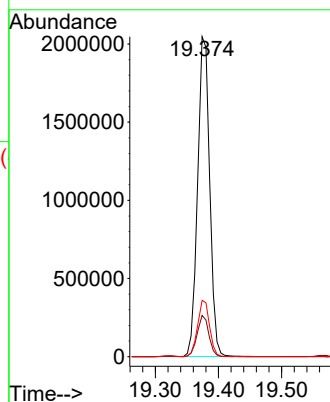
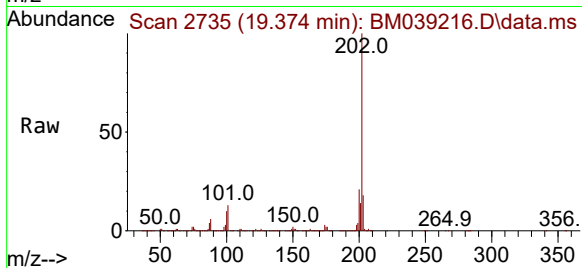
Tgt Ion:202 Resp: 2709269

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.5

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

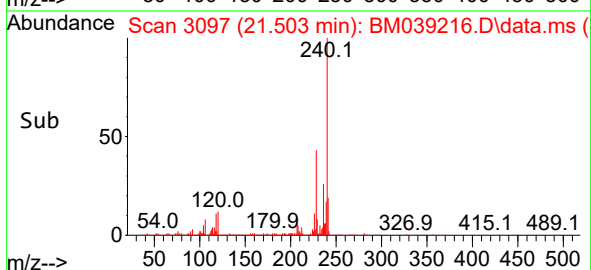
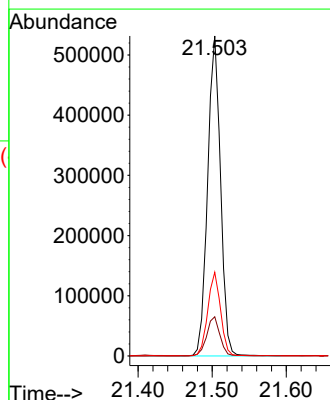
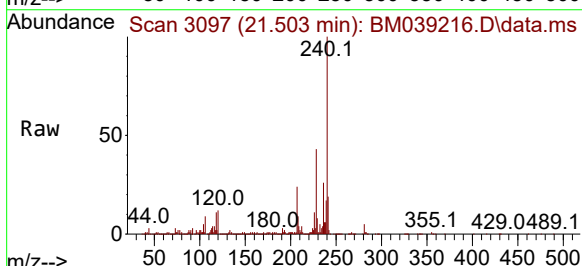
Tgt Ion:240 Resp: 642581

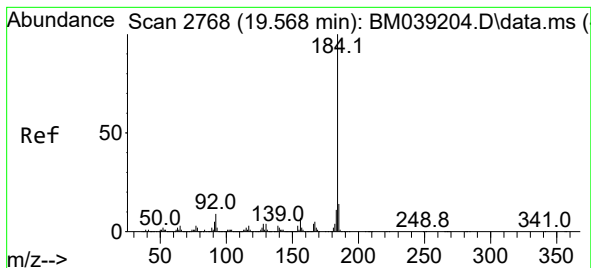
Ion Ratio Lower Upper

240 100

120 12.3 10.2 15.2

236 26.1 20.9 31.3





#77

Benzidine

Concen: 93.545 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

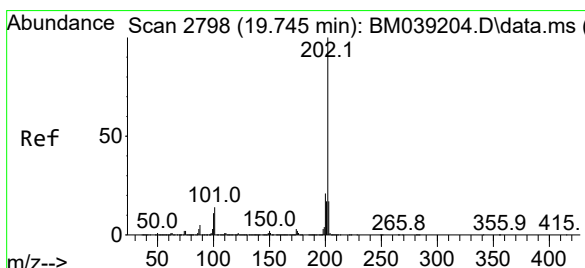
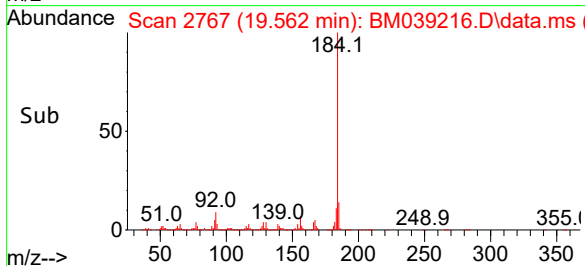
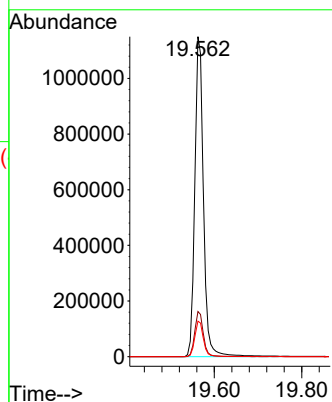
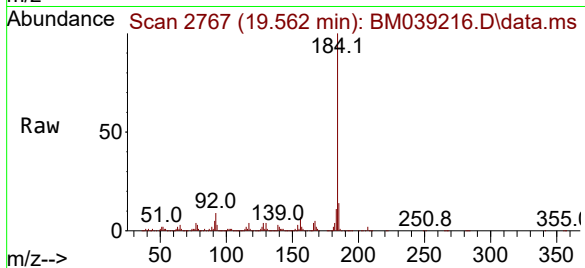
Tgt Ion:184 Resp: 1585495

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.1 9.0 13.4



#78

Pyrene

Concen: 62.022 ng

RT: 19.739 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

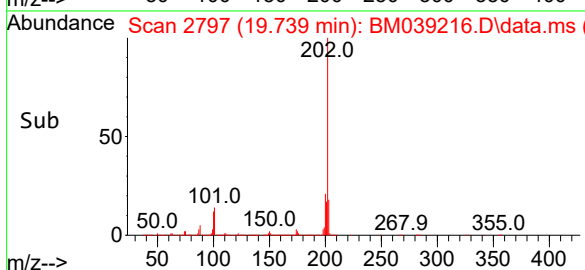
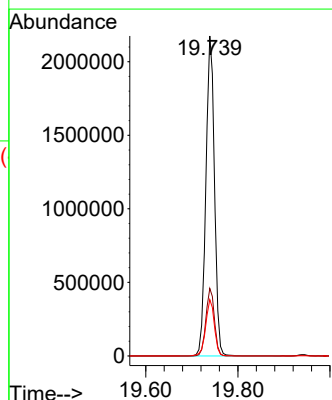
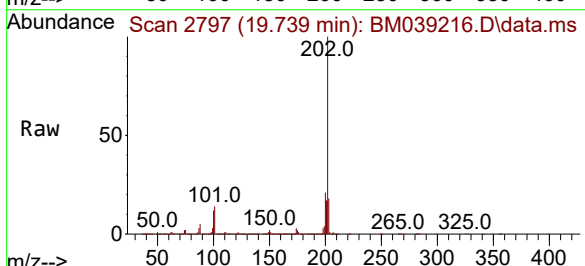
Tgt Ion:202 Resp: 2837197

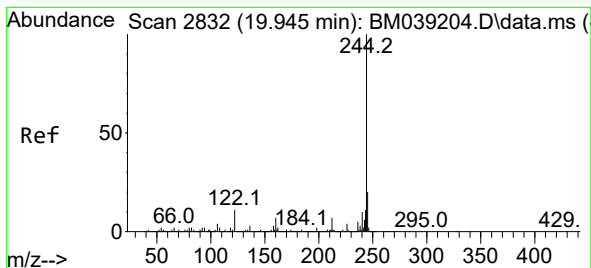
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 100.571 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

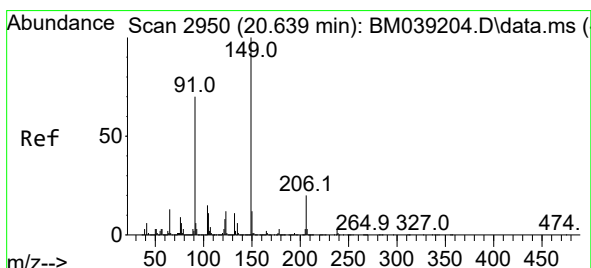
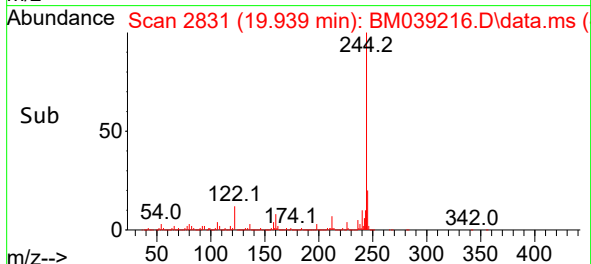
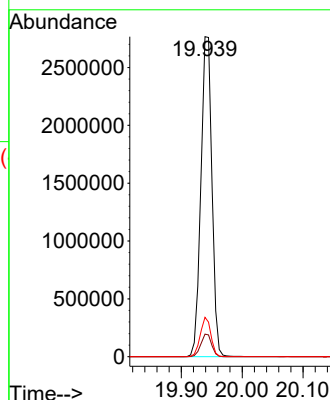
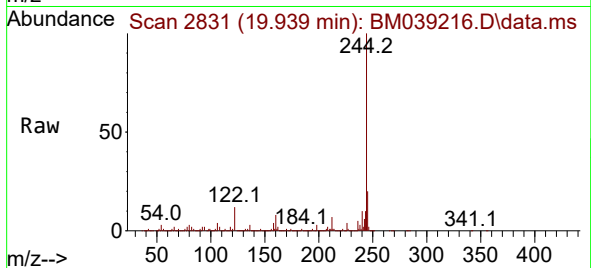
Tgt Ion:244 Resp: 3497856

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 12.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 57.472 ng

RT: 20.633 min Scan# 2949

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

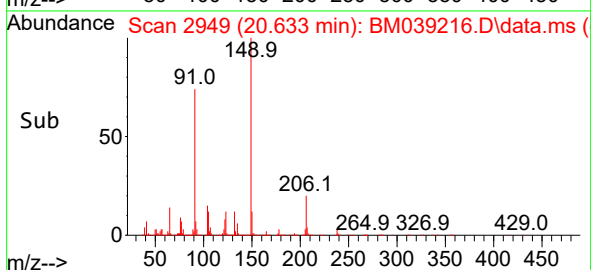
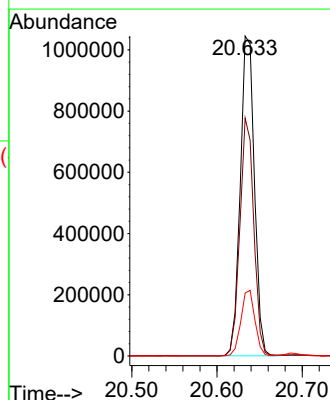
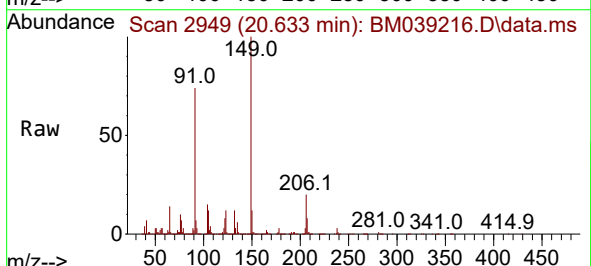
Tgt Ion:149 Resp: 1204434

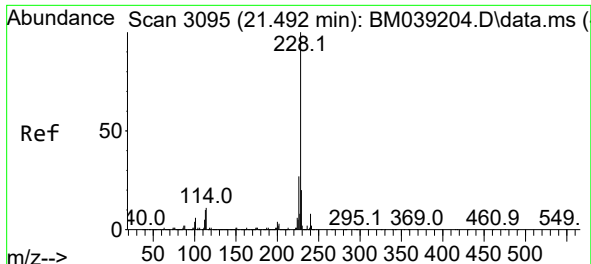
Ion Ratio Lower Upper

149 100

91 74.3 56.3 84.5

206 19.6 16.4 24.6

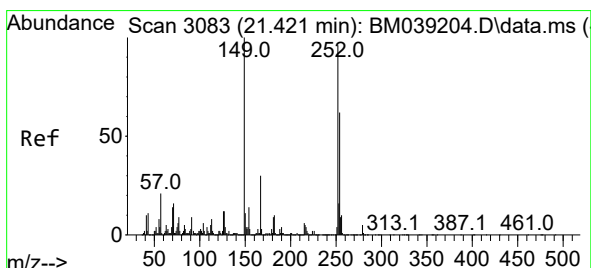
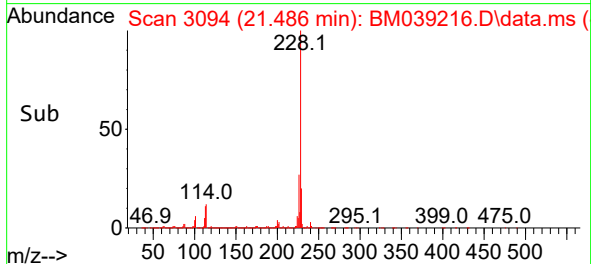
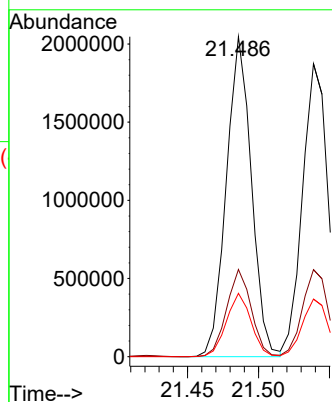
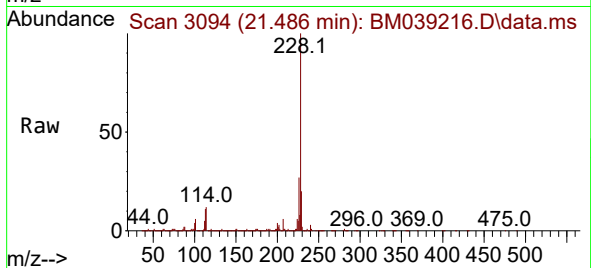




#81
Benzo(a)anthracene
Concen: 55.355 ng
RT: 21.486 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

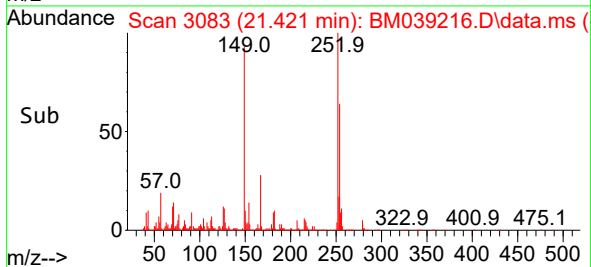
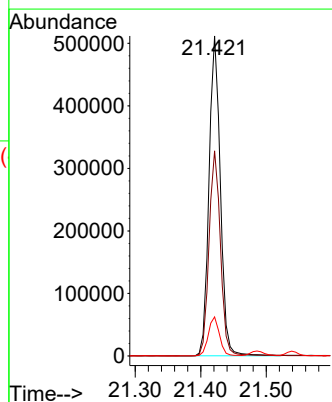
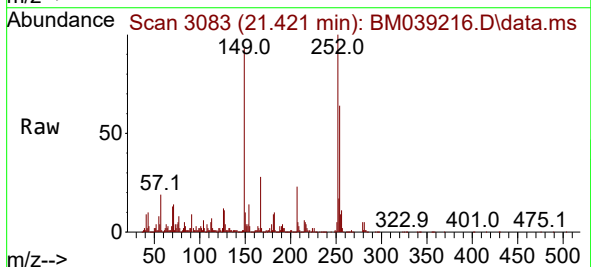
Instrument :
BNA_M
ClientSampleId :
PB151721BS

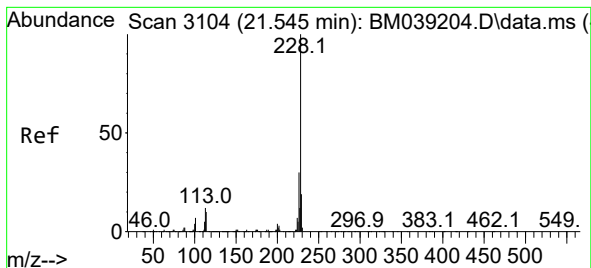
Tgt Ion:228 Resp: 2508621
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 40.829 ng
RT: 21.421 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:252 Resp: 616391
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.8
126 12.2 10.1 15.1





#83

Chrysene

Concen: 53.577 ng

RT: 21.539 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

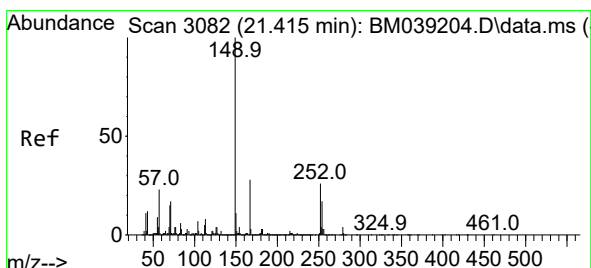
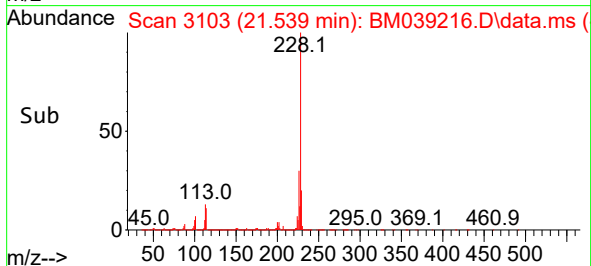
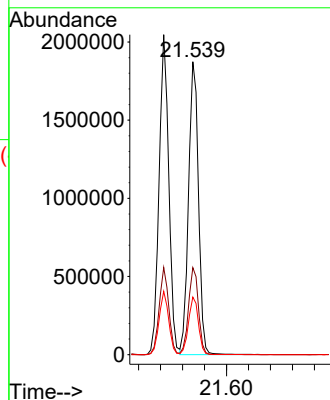
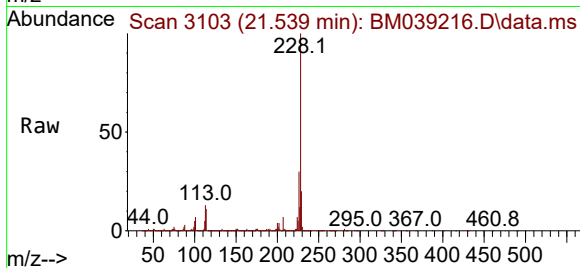
Tgt Ion:228 Resp: 2343943

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.610 ng

RT: 21.409 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

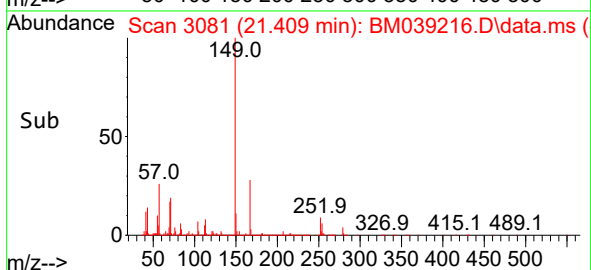
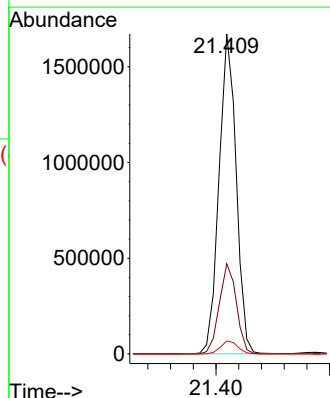
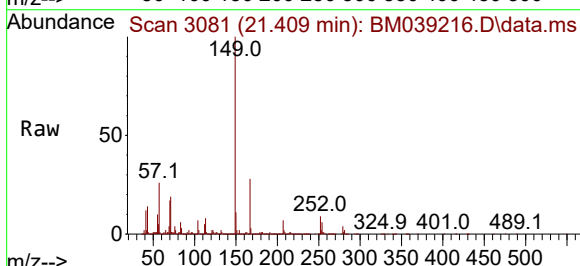
Tgt Ion:149 Resp: 1752164

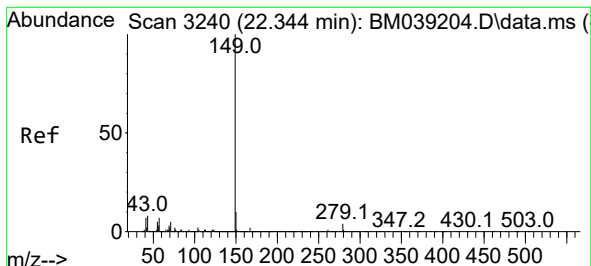
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 4.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 52.920 ng

RT: 22.339 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

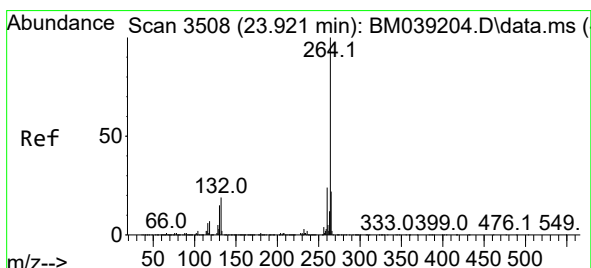
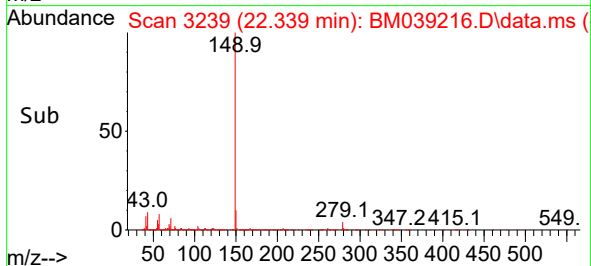
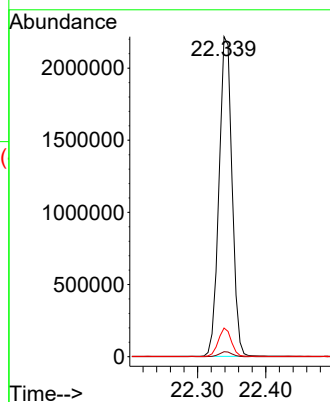
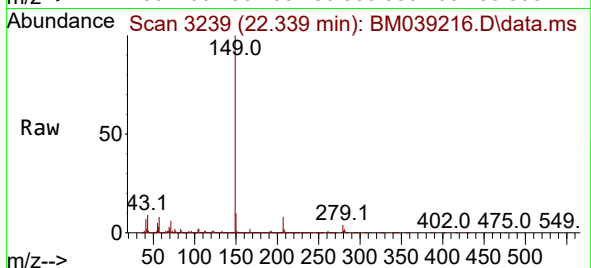
Tgt Ion:149 Resp: 2951072

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.915 min Scan# 3507

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

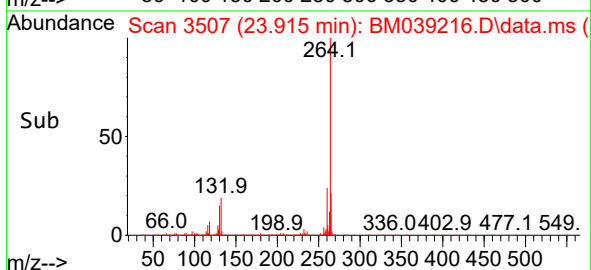
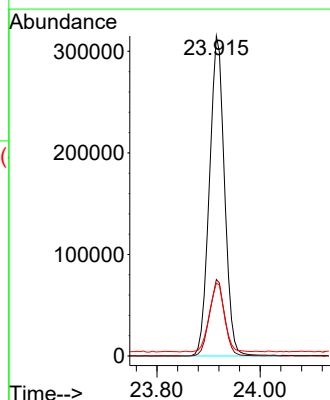
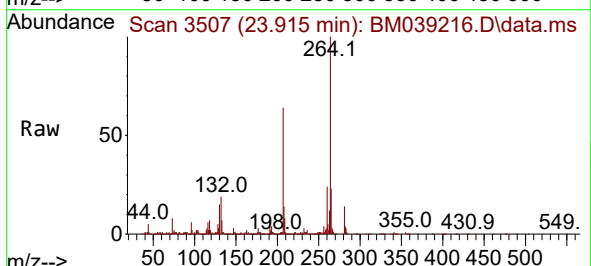
Tgt Ion:264 Resp: 638215

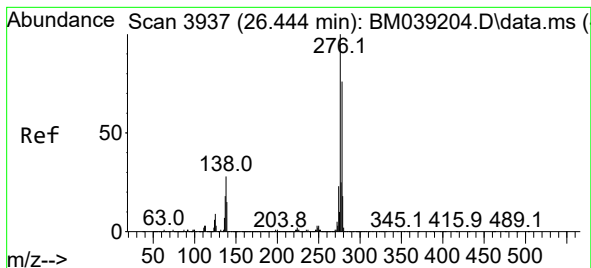
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.8 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.081 ng

RT: 26.433 min Scan# 3935

Delta R.T. -0.012 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

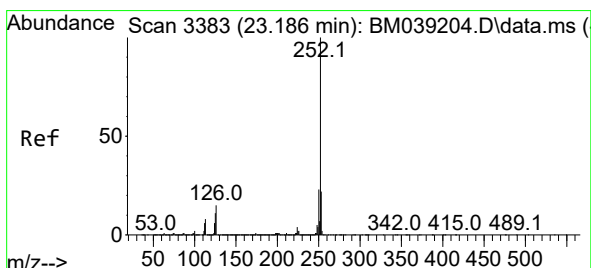
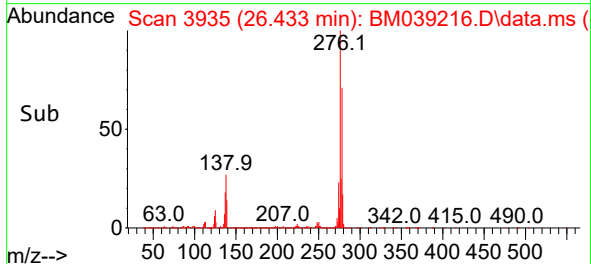
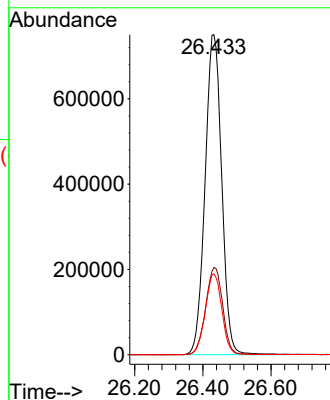
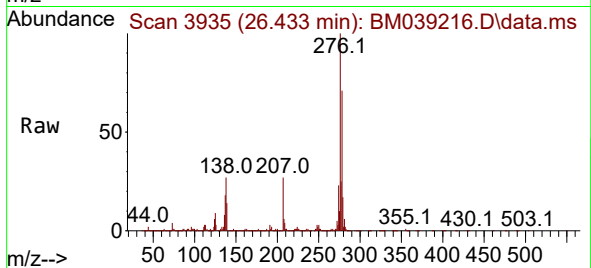
Tgt Ion:276 Resp: 2543059

Ion Ratio Lower Upper

276 100

138 28.0 22.2 33.2

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 60.271 ng

RT: 23.180 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

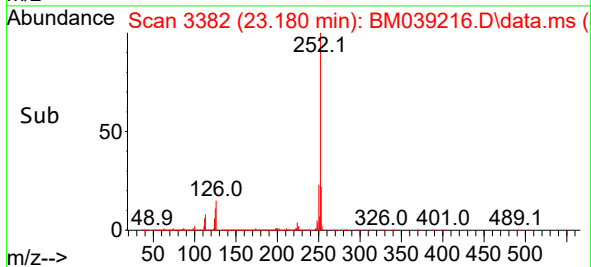
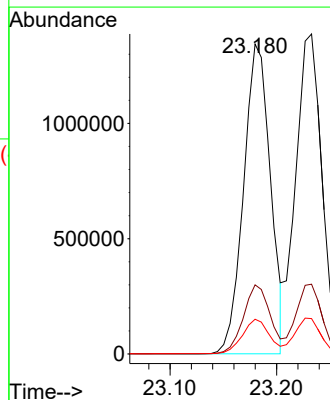
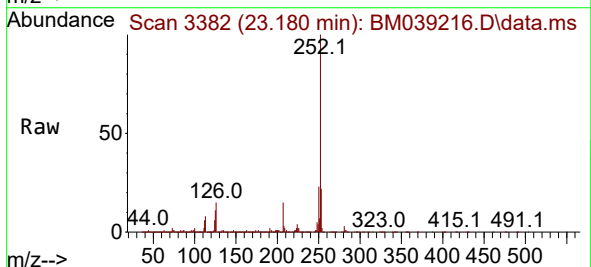
Tgt Ion:252 Resp: 2353657

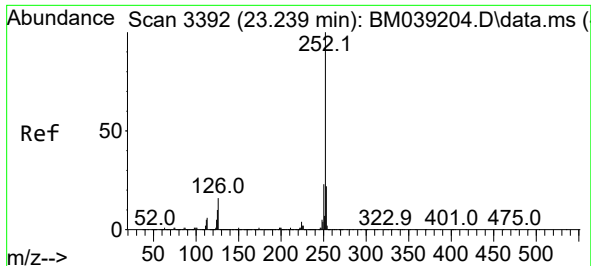
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.2 9.0 13.6

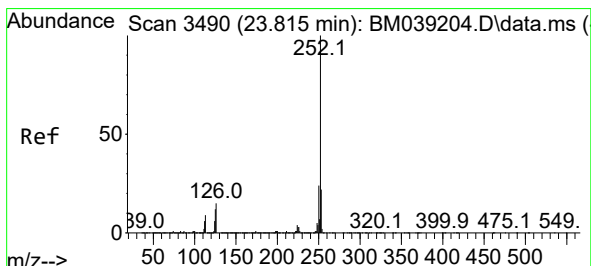
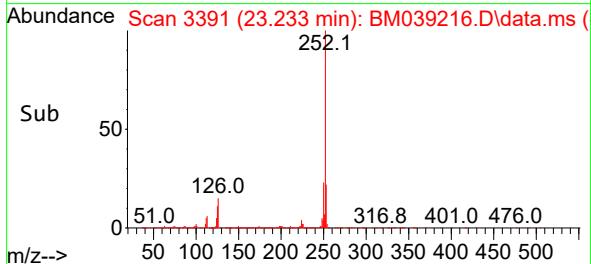
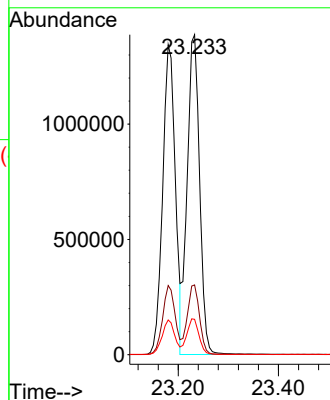
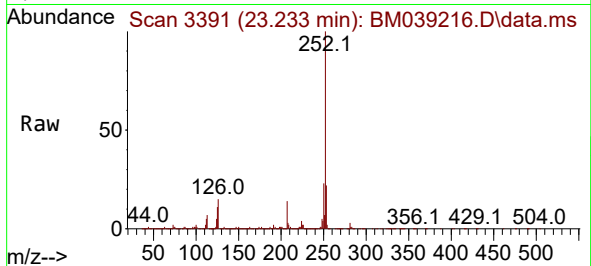




#89
Benzo(k)fluoranthene
Concen: 59.960 ng
RT: 23.233 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

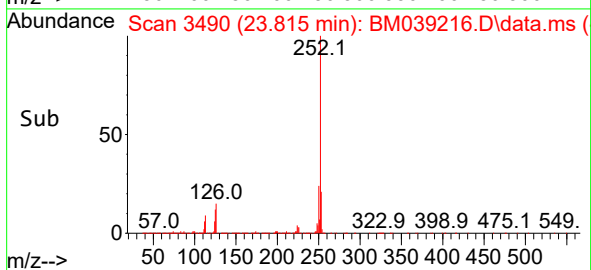
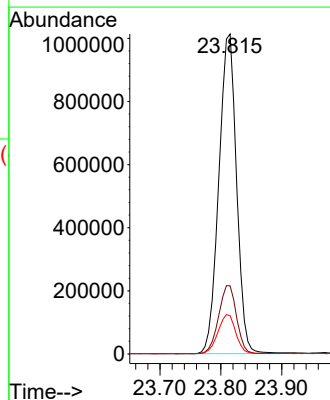
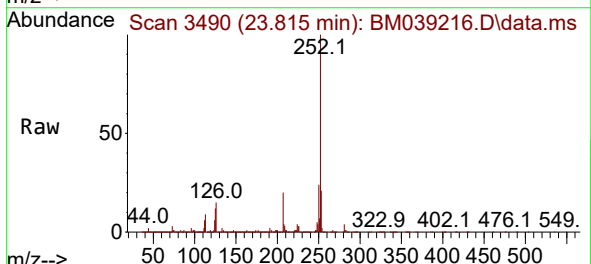
Instrument :
BNA_M
ClientSampleId :
PB151721BS

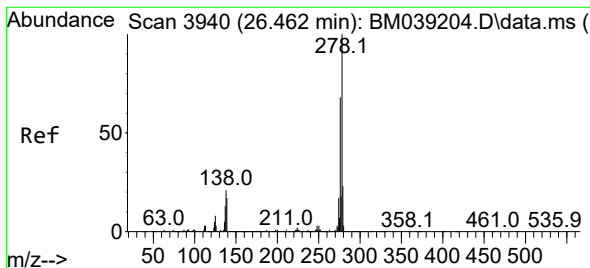
Tgt Ion:252 Resp: 2385061
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 53.284 ng
RT: 23.815 min Scan# 3490
Delta R.T. 0.000 min
Lab File: BM039216.D
Acq: 29 Mar 2023 22:09

Tgt Ion:252 Resp: 2044100
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 11.9 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 54.030 ng

RT: 26.450 min Scan# 3940

Delta R.T. -0.012 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Instrument :

BNA_M

ClientSampleId :

PB151721BS

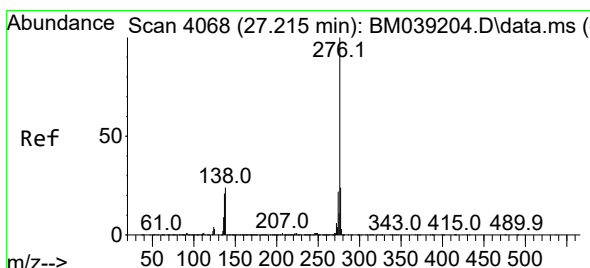
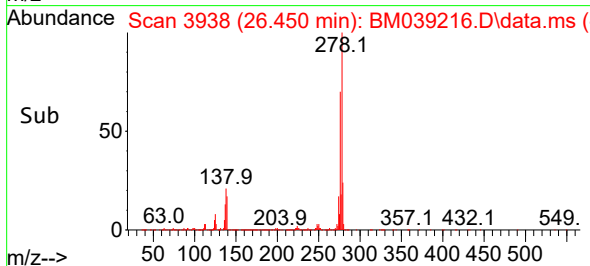
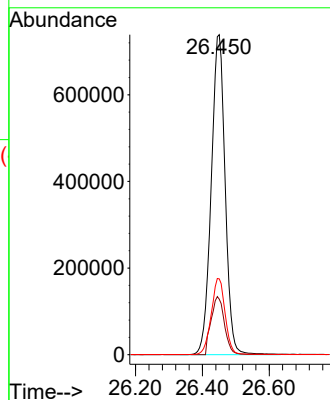
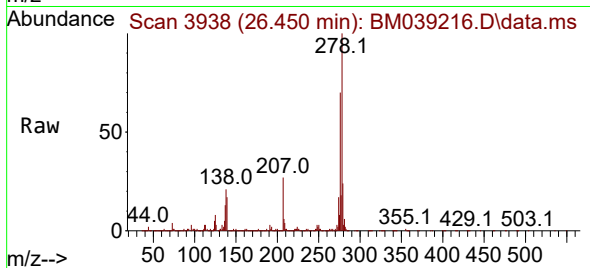
Tgt Ion:278 Resp: 2133374

Ion Ratio Lower Upper

278 100

139 17.4 13.9 20.9

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 52.815 ng

RT: 27.203 min Scan# 4066

Delta R.T. -0.012 min

Lab File: BM039216.D

Acq: 29 Mar 2023 22:09

Tgt Ion:276 Resp: 2050842

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 24.5 19.5 29.3

