

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040120.D
 Acq On : 07 Jun 2023 01:03
 Operator : MA/JU
 Sample : PB153204BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153204BS

Quant Time: Jun 07 02:15:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	227778	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1111934	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	660229	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1424786	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1520187	20.000	ng	0.00
86) Perylene-d12	23.991	264	1400927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2474538	166.644	ng	0.00
7) Phenol-d6	7.157	99	3268650	168.744	ng	0.00
23) Nitrobenzene-d5	9.163	82	1768421	85.818	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1406724	164.159	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4295766	76.743	ng	0.00
79) Terphenyl-d14	19.992	244	8467409	86.485	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	209509	34.937	ng	99
3) Pyridine	3.804	79	577764	35.092	ng	99
4) n-Nitrosodimethylamine	3.716	42	311809	44.578	ng	96
6) Aniline	7.316	93	1189154	49.614	ng	99
8) 2-Chlorophenol	7.551	128	844368	54.020	ng	100
9) Benzaldehyde	7.128	77	445321	47.557	ng	99
10) Phenol	7.181	94	1176486	60.592	ng	98
11) bis(2-Chloroethyl)ether	7.410	93	796774	49.821	ng	98
12) 1,3-Dichlorobenzene	7.881	146	777840	46.993	ng	100
13) 1,4-Dichlorobenzene	8.028	146	807931	47.974	ng	98
14) 1,2-Dichlorobenzene	8.345	146	786877	47.650	ng	99
15) Benzyl Alcohol	8.234	79	700934	56.136	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1027807	50.100	ng	100
17) 2-Methylphenol	8.439	107	744197	53.572	ng	99
18) Hexachloroethane	9.081	117	294260	48.196	ng	92
19) n-Nitroso-di-n-propyla...	8.810	70	627498	55.930	ng	100
20) 3+4-Methylphenols	8.769	107	1003221	54.727	ng	97
22) Acetophenone	8.822	105	1343999	44.782	ng	99
24) Nitrobenzene	9.204	77	920438	44.035	ng	99
25) Isophorone	9.733	82	1691672	45.016	ng	99
26) 2-Nitrophenol	9.916	139	388068	52.467	ng	99
27) 2,4-Dimethylphenol	9.975	122	846619	50.255	ng	100
28) bis(2-Chloroethoxy)met...	10.216	93	1095214	44.453	ng	99
29) 2,4-Dichlorophenol	10.451	162	757557	47.463	ng	100
30) 1,2,4-Trichlorobenzene	10.669	180	697208	39.900	ng	98
31) Naphthalene	10.857	128	2644171	43.099	ng	100
32) Benzoic acid	10.122	122	466882	42.242	ng	96
33) 4-Chloroaniline	10.969	127	871274	33.701	ng	99
34) Hexachlorobutadiene	11.145	225	349153	35.599	ng	98
35) Caprolactam	11.757	113	123002	27.291	ng	92
36) 4-Chloro-3-methylphenol	12.086	107	878576	53.255	ng	96
37) 2-Methylnaphthalene	12.463	142	1783073	43.603	ng	99
38) 1-Methylnaphthalene	12.680	142	1681557	43.928	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	785668	37.624	ng	98
41) Hexachlorocyclopentadiene	12.810	237	1025291	94.912	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	545964	43.075	ng	98

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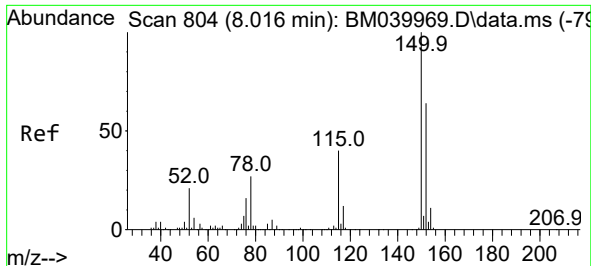
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	609158	40.379	ng	98
46) 1,1'-Biphenyl	13.468	154	2384148	42.178	ng	99
47) 2-Chloronaphthalene	13.510	162	1776685	42.108	ng	98
48) 2-Nitroaniline	13.716	65	543142	47.599	ng	99
49) Acenaphthylene	14.357	152	2903634	43.959	ng	100
50) Dimethylphthalate	14.092	163	2202459	44.252	ng	99
51) 2,6-Dinitrotoluene	14.210	165	449571	47.218	ng	100
52) Acenaphthene	14.698	154	1779388	41.229	ng	100
53) 3-Nitroaniline	14.539	138	472358	41.938	ng	98
54) 2,4-Dinitrophenol	14.739	184	479019	89.358	ng	93
55) Dibenzofuran	15.027	168	2766805	43.427	ng	98
56) 4-Nitrophenol	14.845	139	1080398	124.002	ng	97
57) 2,4-Dinitrotoluene	14.992	165	643778	47.042	ng	99
58) Fluorene	15.674	166	2469813	46.633	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	518156	46.185	ng	94
60) Diethylphthalate	15.451	149	2339250	47.551	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1114847	43.024	ng	97
62) 4-Nitroaniline	15.704	138	647169	55.171	ng	96
63) Azobenzene	15.962	77	2469016	50.339	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	316878	41.600	ng	92
66) n-Nitrosodiphenylamine	15.886	169	2005346	40.928	ng	99
67) 4-Bromophenyl-phenylether	16.562	248	600618	38.151	ng	97
68) Hexachlorobenzene	16.680	284	728545	40.495	ng	99
69) Atrazine	16.833	200	667262	54.749	ng	98
70) Pentachlorophenol	17.021	266	1068578	90.478	ng	99
71) Phenanthrene	17.415	178	3660185	42.948	ng	99
72) Anthracene	17.509	178	3776309	44.723	ng	100
73) Carbazole	17.780	167	3715032	48.698	ng	99
74) Di-n-butylphthalate	18.339	149	4135652	42.831	ng	100
75) Fluoranthene	19.427	202	3991638	46.994	ng	99
77) Benzidine	19.615	184	2920126	123.698	ng	99
78) Pyrene	19.792	202	4401117	39.454	ng	100
80) Butylbenzylphthalate	20.686	149	1902800	42.136	ng	92
81) Benzo(a)anthracene	21.533	228	4699690	43.671	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	1438759	44.756	ng	99
83) Chrysene	21.592	228	4277418	41.425	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3025495	41.886	ng	100
85) Di-n-octyl phthalate	22.397	149	4917539	44.389	ng	99
87) Indeno(1,2,3-cd)pyrene	26.544	276	4397947	39.476	ng	100
88) Benzo(b)fluoranthene	23.244	252	4341503	48.404	ng	99
89) Benzo(k)fluoranthene	23.297	252	4333081	44.180	ng	99
90) Benzo(a)pyrene	23.885	252	3504350	40.740	ng	99
91) Dibenzo(a,h)anthracene	26.550	278	3845279	39.979	ng	99
92) Benzo(g,h,i)perylene	27.321	276	3091911	36.372	ng	99

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

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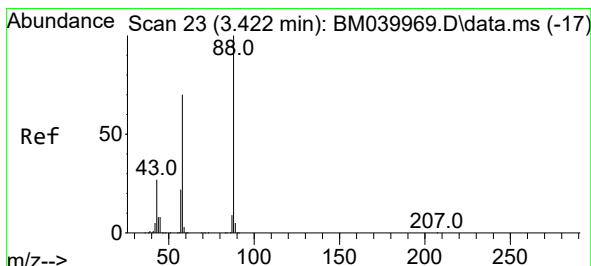
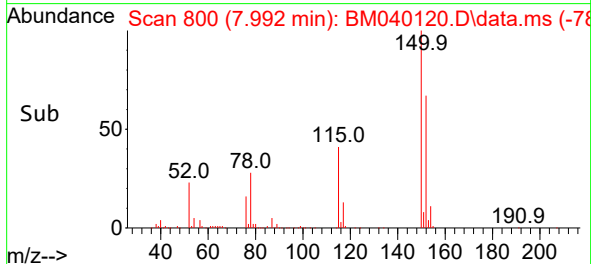
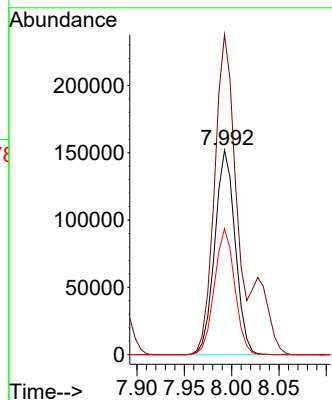
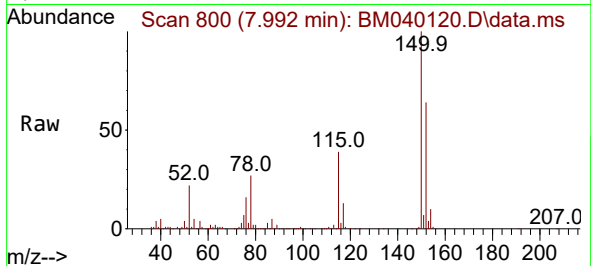




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 80
Delta R.T. -0.007 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

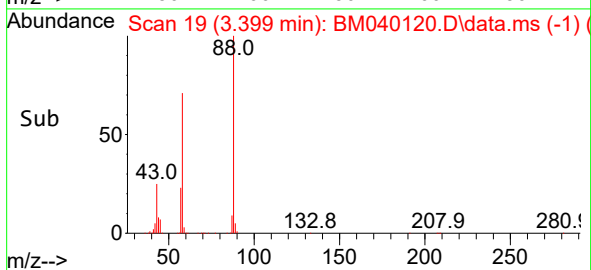
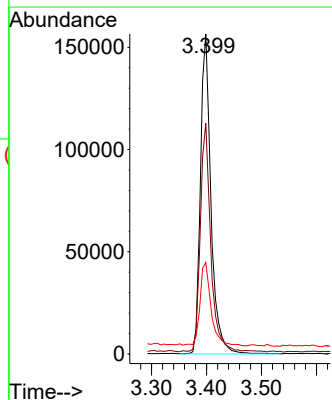
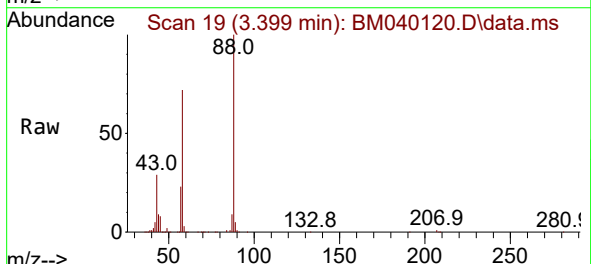
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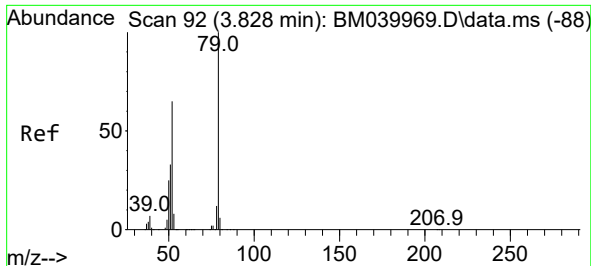
Tgt Ion:152 Resp: 227778
Ion Ratio Lower Upper
152 100
150 156.5 125.5 188.3
115 61.6 50.2 75.2



#2
1,4-Dioxane
Concen: 34.937 ng
RT: 3.399 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion: 88 Resp: 209509
Ion Ratio Lower Upper
88 100
58 71.0 56.1 84.1
43 27.1 22.0 33.0

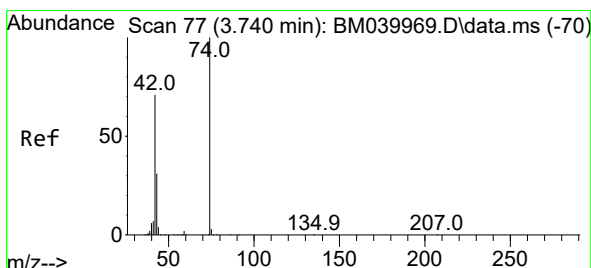
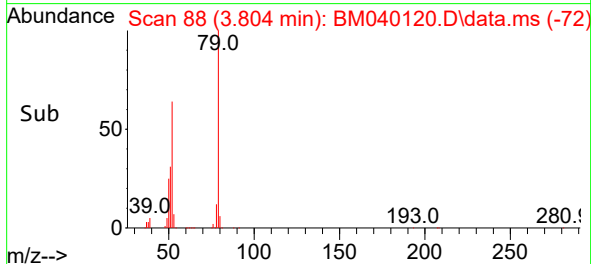
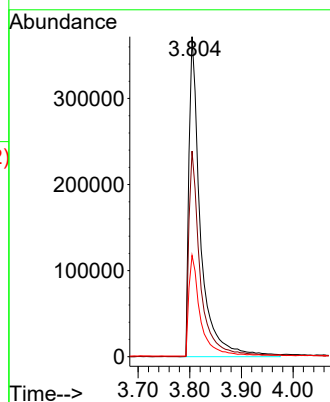
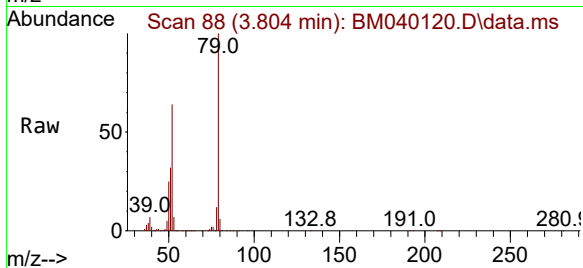




#3
 Pyridine
 Concen: 35.092 ng
 RT: 3.804 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM040120.D
 Acq: 07 Jun 2023 01:03

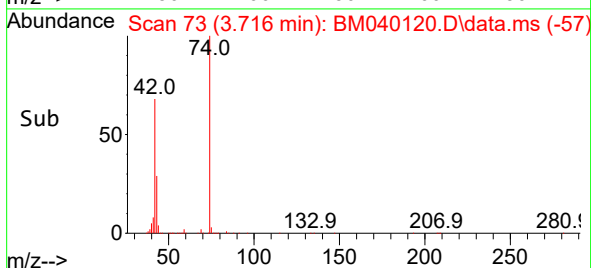
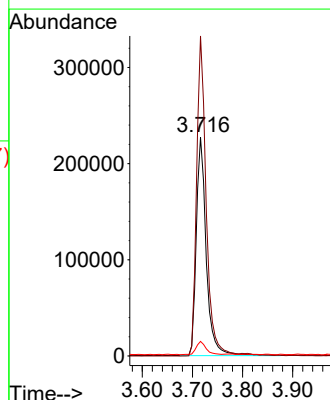
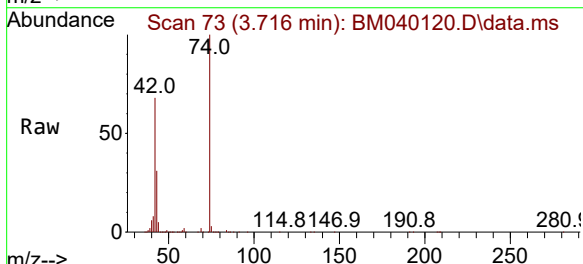
Instrument :
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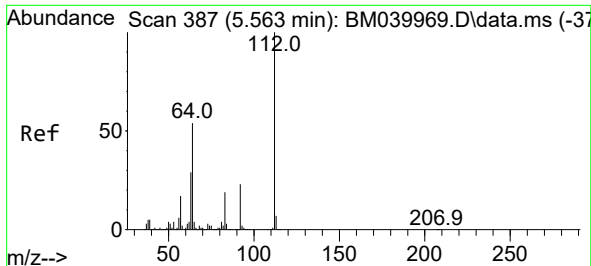
Tgt Ion: 79 Resp: 577764
 Ion Ratio Lower Upper
 79 100
 52 64.3 52.0 78.0
 51 31.7 26.5 39.7



#4
 n-Nitrosodimethylamine
 Concen: 44.578 ng
 RT: 3.716 min Scan# 73
 Delta R.T. -0.006 min
 Lab File: BM040120.D
 Acq: 07 Jun 2023 01:03

Tgt Ion: 42 Resp: 311809
 Ion Ratio Lower Upper
 42 100
 74 146.3 113.4 170.0
 44 6.7 5.4 8.2

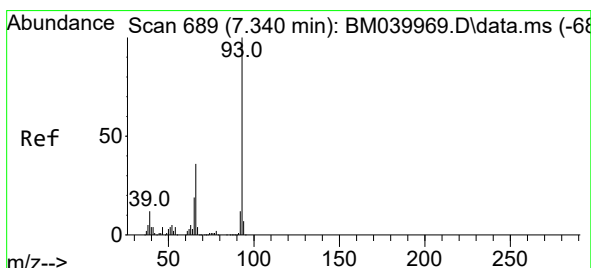
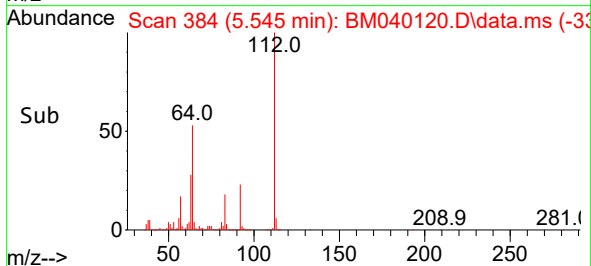
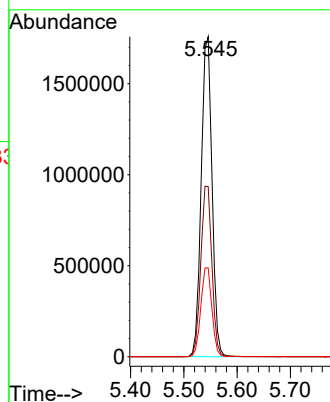
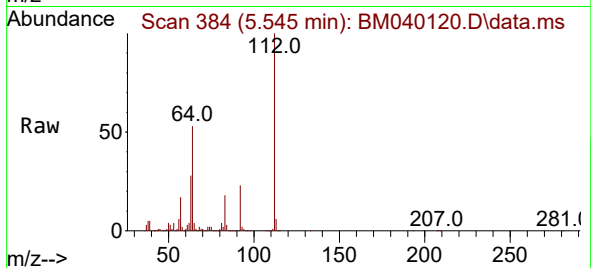




#5
2-Fluorophenol
Concen: 166.644 ng
RT: 5.545 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

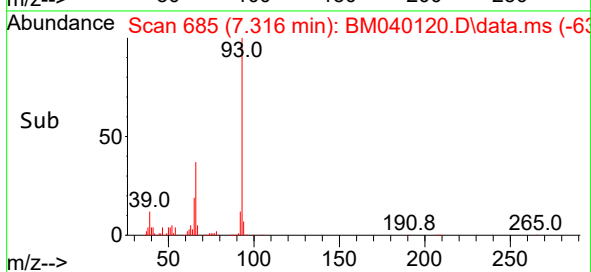
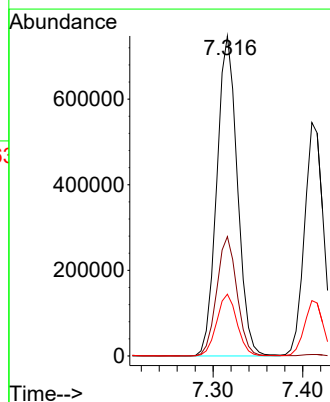
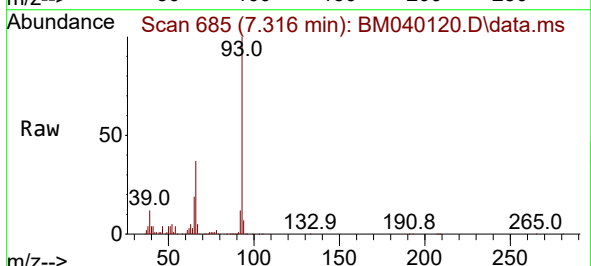
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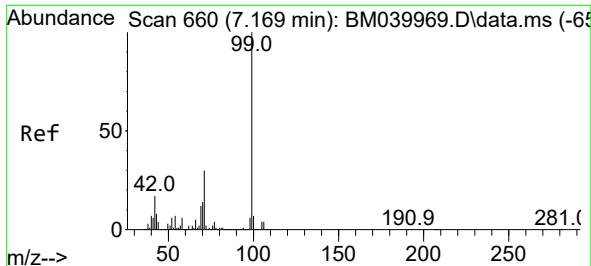
Tgt Ion:112 Resp: 2474538
Ion Ratio Lower Upper
112 100
64 53.1 43.0 64.4
63 27.8 22.9 34.3



#6
Aniline
Concen: 49.614 ng
RT: 7.316 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion: 93 Resp: 1189154
Ion Ratio Lower Upper
93 100
66 37.3 29.2 43.8
65 19.3 15.3 22.9

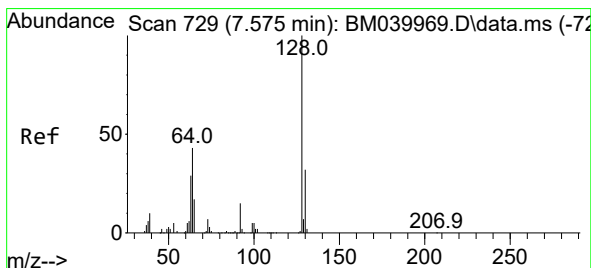
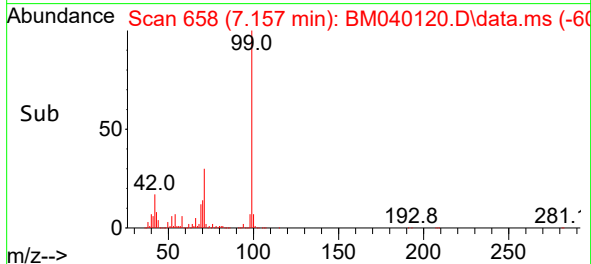
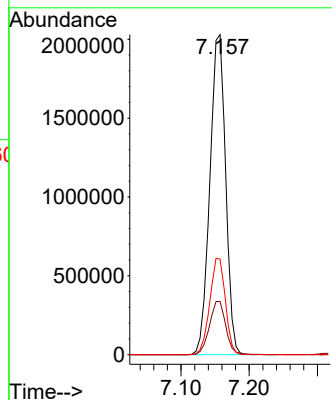
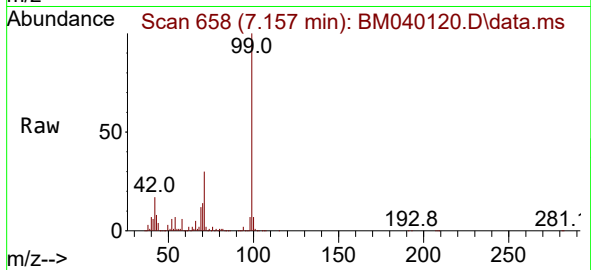




#7
Phenol-d6
Concen: 168.744 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

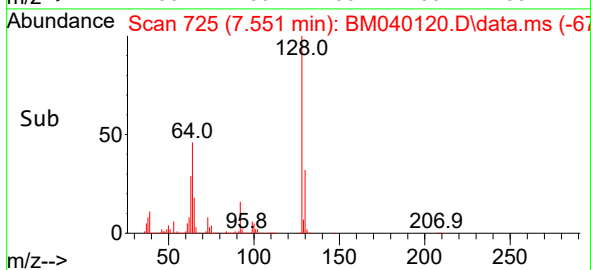
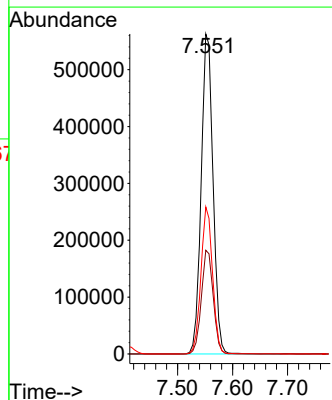
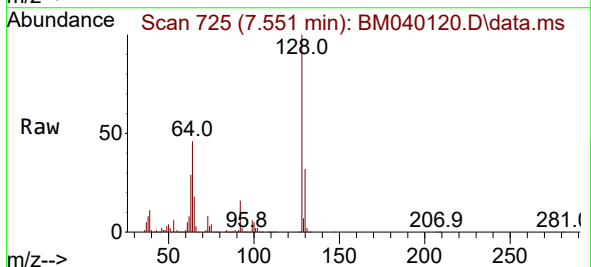
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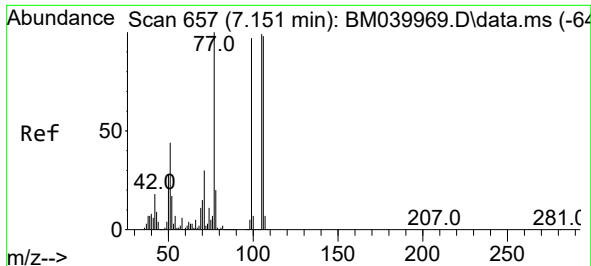
Tgt Ion: 99 Resp: 3268650
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 29.8 24.4 36.6



#8
2-Chlorophenol
Concen: 54.020 ng
RT: 7.551 min Scan# 725
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion: 128 Resp: 844368
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 45.9 25.5 65.5

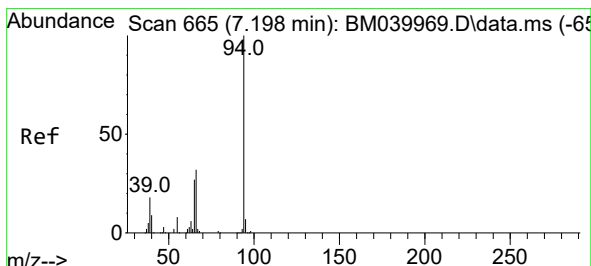
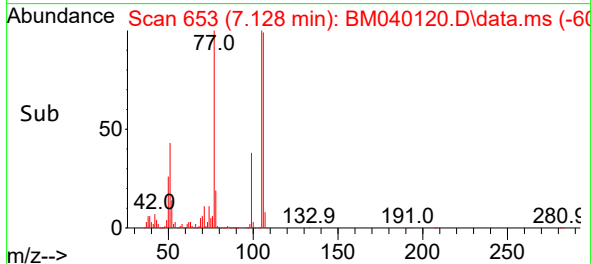
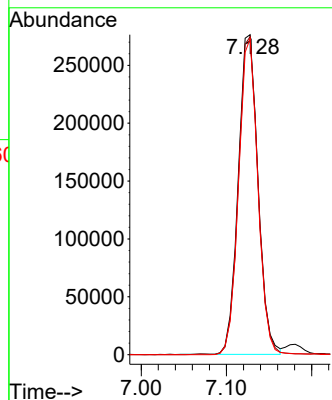
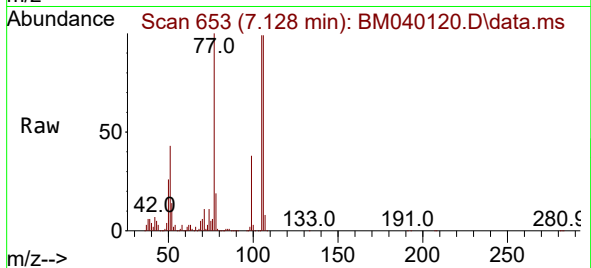




#9
Benzaldehyde
Concen: 47.557 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

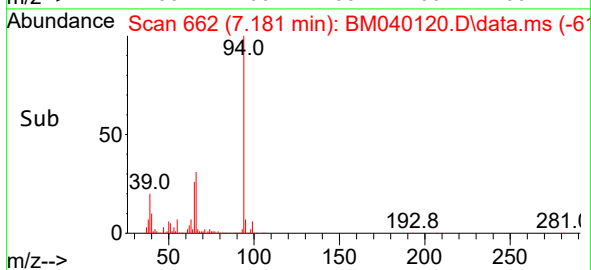
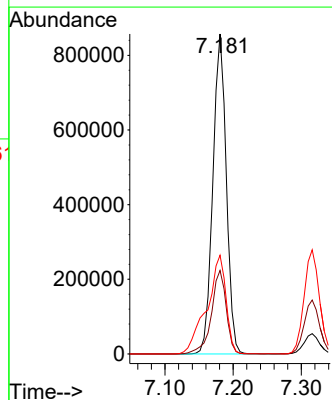
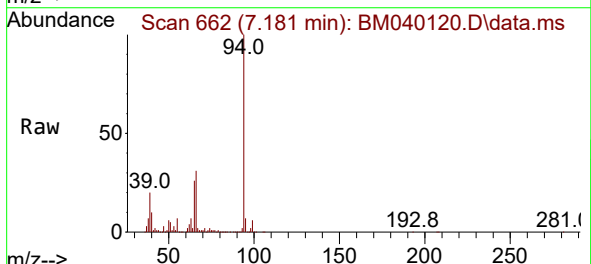
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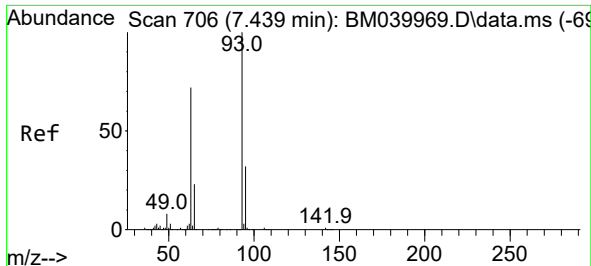
Tgt Ion: 77 Resp: 445321
Ion Ratio Lower Upper
77 100
105 99.4 79.2 119.2
106 98.8 77.6 117.6



#10
Phenol
Concen: 60.592 ng
RT: 7.181 min Scan# 662
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion: 94 Resp: 1176486
Ion Ratio Lower Upper
94 100
65 26.1 6.7 46.7
66 30.9 12.4 52.4

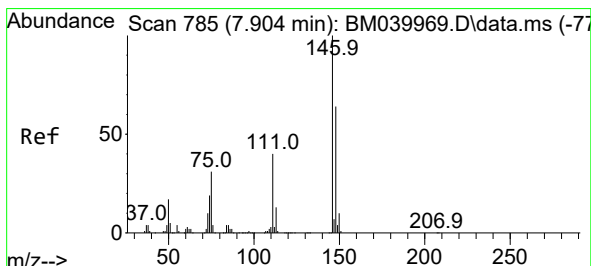
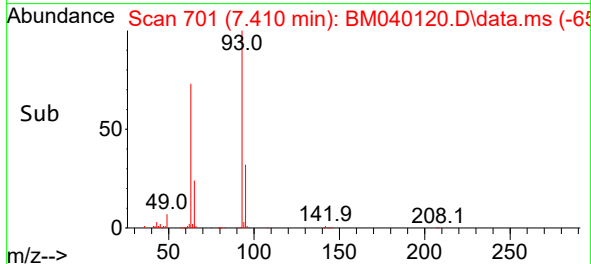
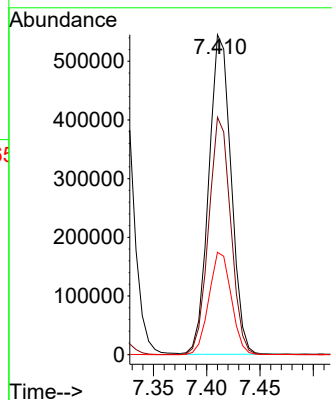
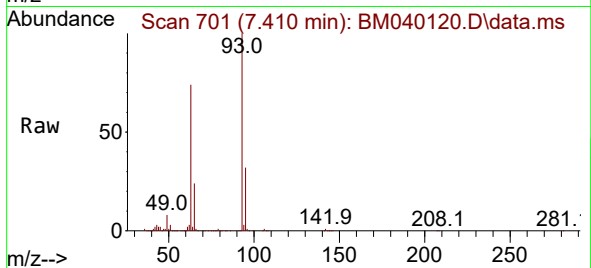




#11
bis(2-Chloroethyl)ether
Concen: 49.821 ng
RT: 7.410 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

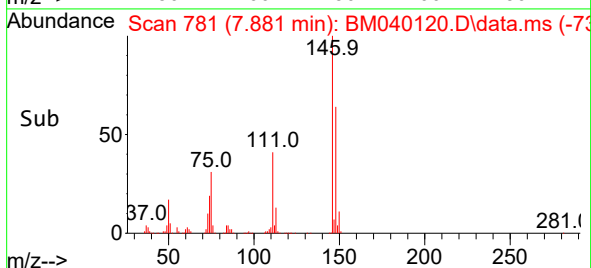
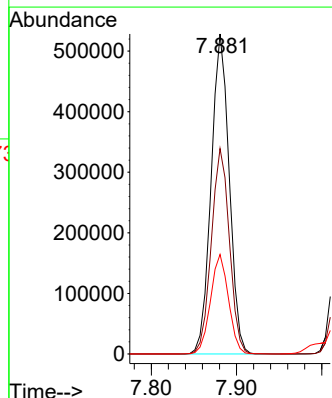
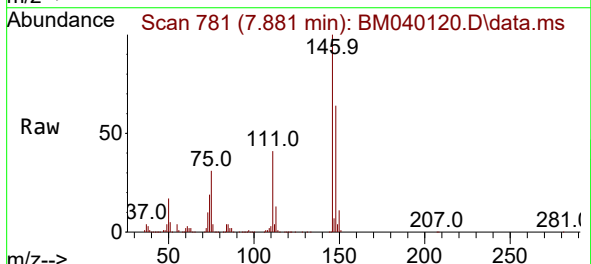
Instrument :
BNA_M
ClientSampleId :
PB153204BS

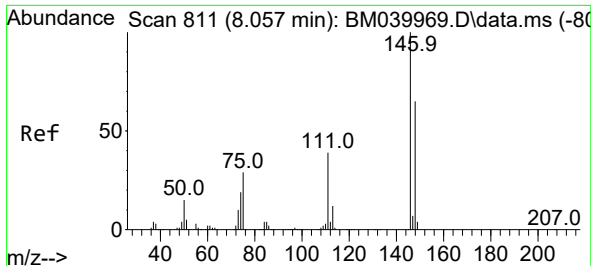
Tgt Ion: 93 Resp: 796774
Ion Ratio Lower Upper
93 100
63 74.2 52.0 92.0
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.993 ng
RT: 7.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion: 146 Resp: 777840
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 31.1 24.9 37.3

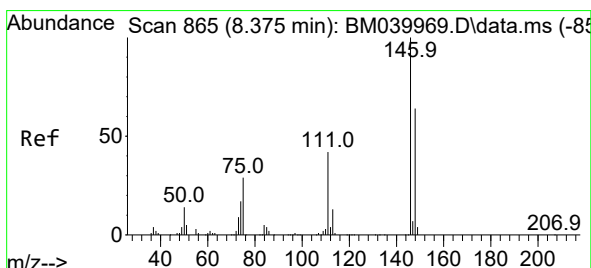
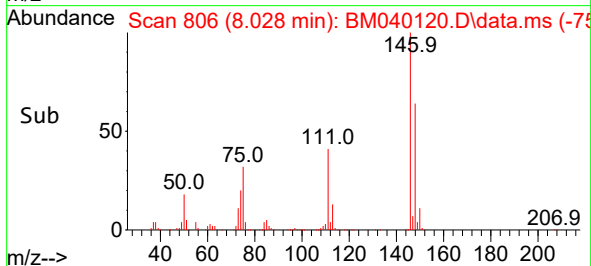
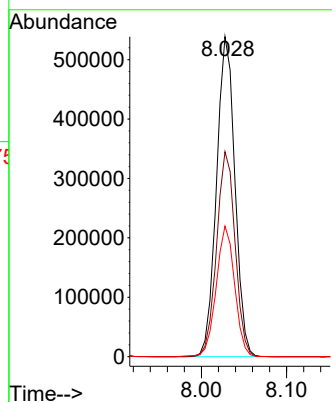
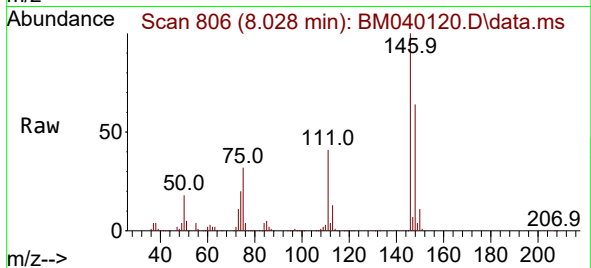




#13
1,4-Dichlorobenzene
Concen: 47.974 ng
RT: 8.028 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

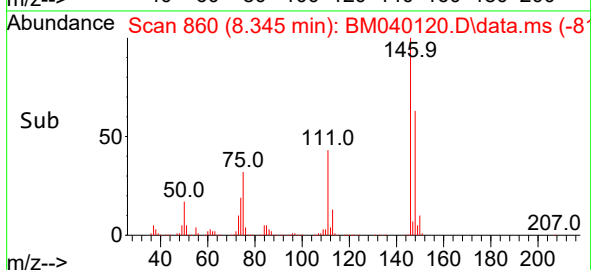
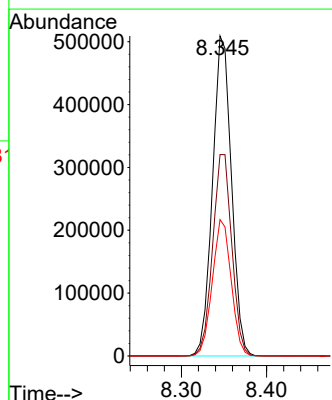
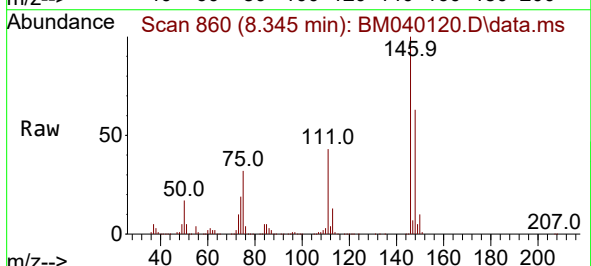
Instrument :
BNA_M
ClientSampleId :
PB153204BS

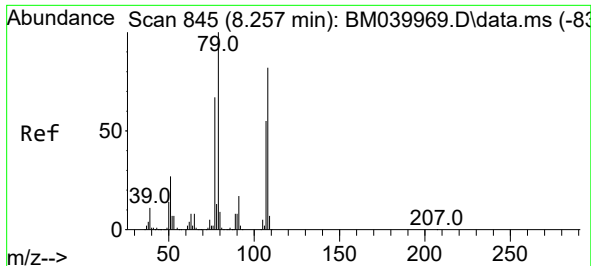
Tgt Ion:146 Resp: 807931
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 40.8 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 47.650 ng
RT: 8.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:146 Resp: 786877
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 42.6 33.5 50.3

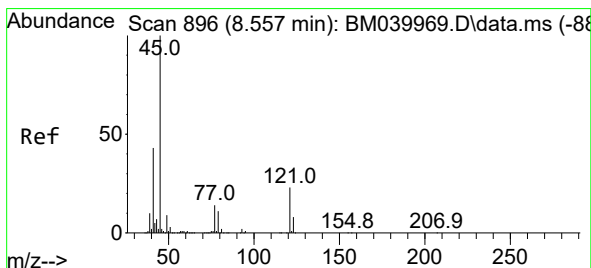
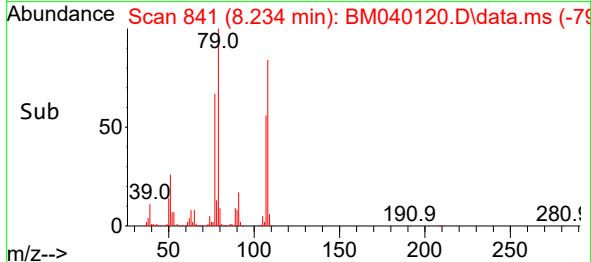
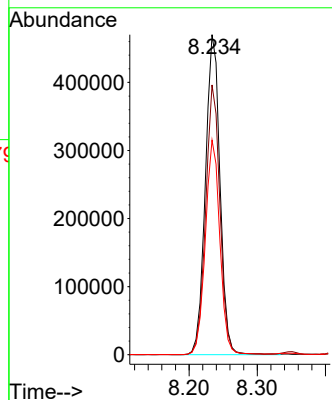
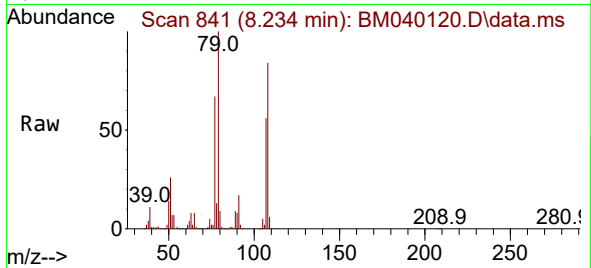




#15
Benzyl Alcohol
Concen: 56.136 ng
RT: 8.234 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

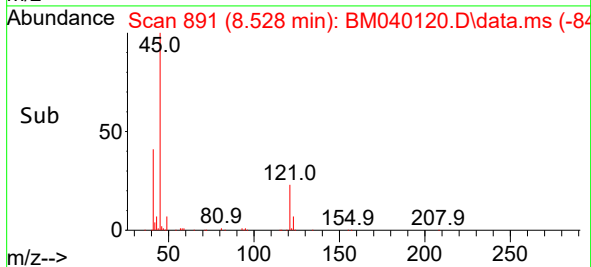
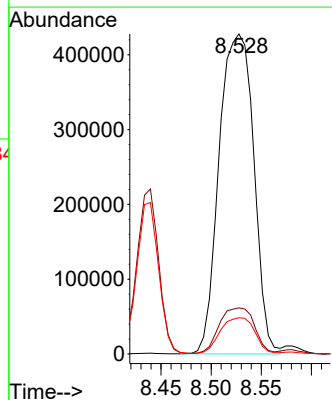
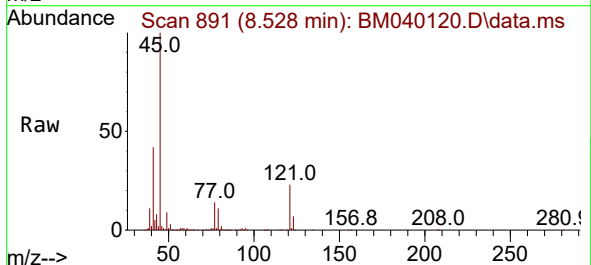
Instrument :
BNA_M
ClientSampleId :
PB153204BS

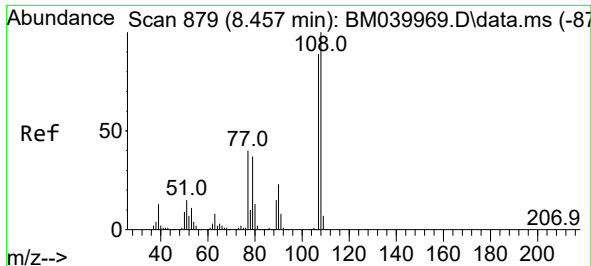
Tgt Ion: 79 Resp: 700934
Ion Ratio Lower Upper
79 100
108 84.3 65.4 98.2
77 67.0 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.100 ng
RT: 8.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion: 45 Resp: 1027807
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.7
79 11.3 0.0 31.3

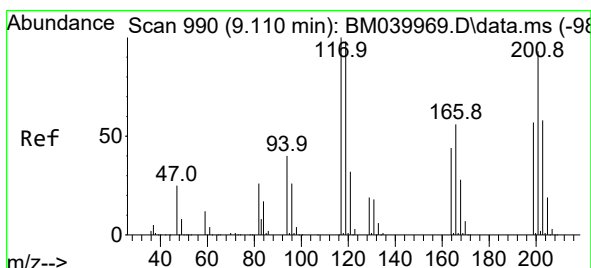
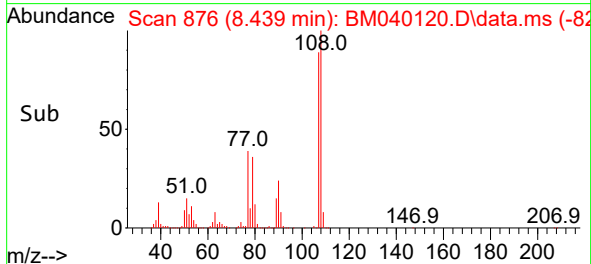
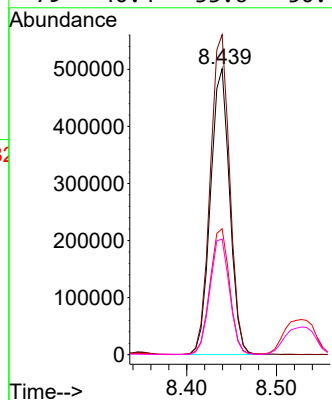
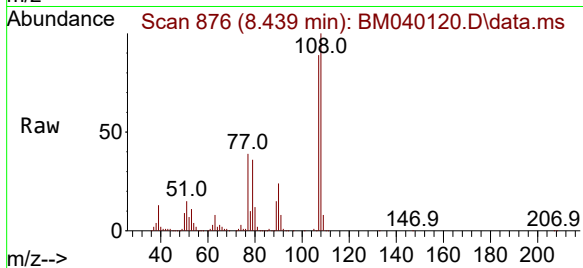




#17
2-Methylphenol
Concen: 53.572 ng
RT: 8.439 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

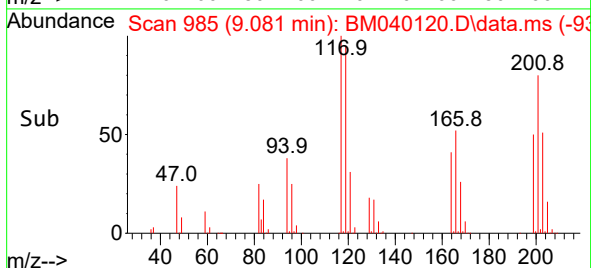
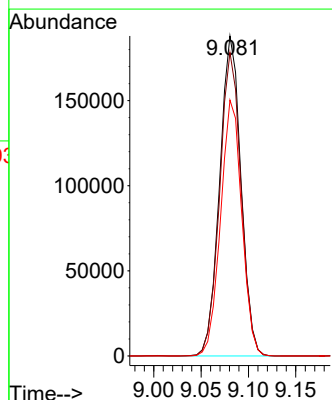
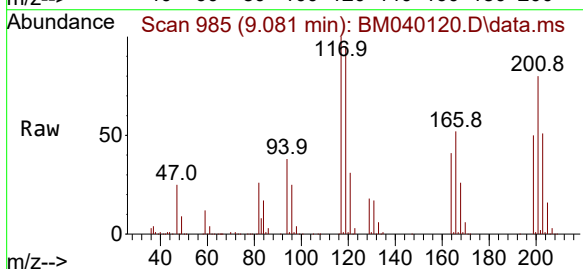
Instrument :
BNA_M
ClientSampleId :
PB153204BS

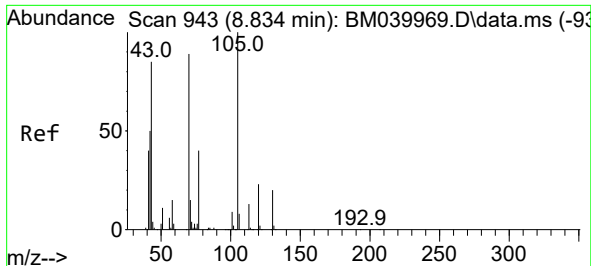
Tgt Ion:	107	Resp:	744197
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.8	134.8
77	44.0	35.6	53.4
79	40.4	33.6	50.4



#18
Hexachloroethane
Concen: 48.196 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:	117	Resp:	294260
Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.8	118.2
201	79.9	74.3	111.5

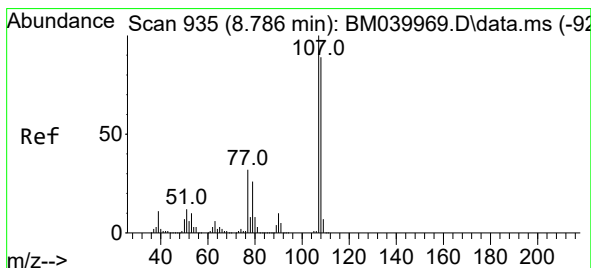
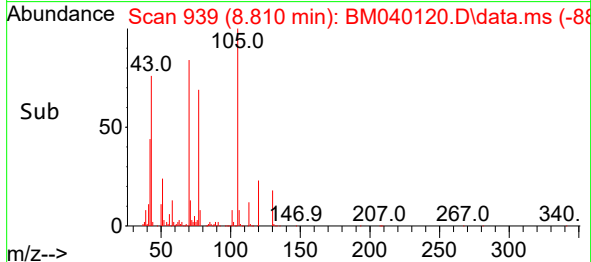
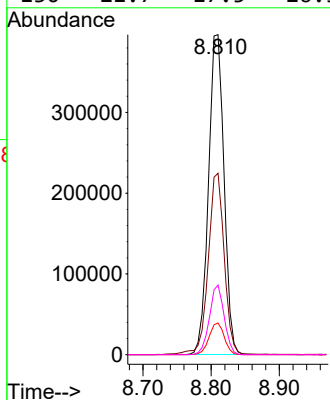
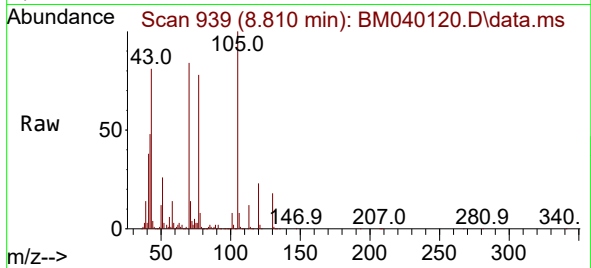




#19
n-Nitroso-di-n-propylamine
Concen: 55.930 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

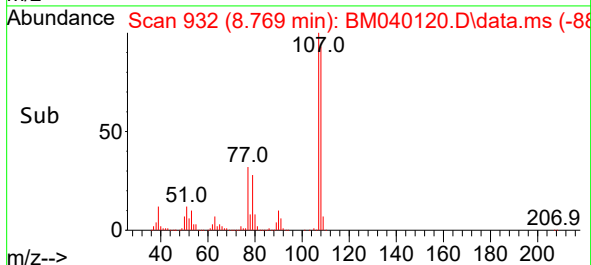
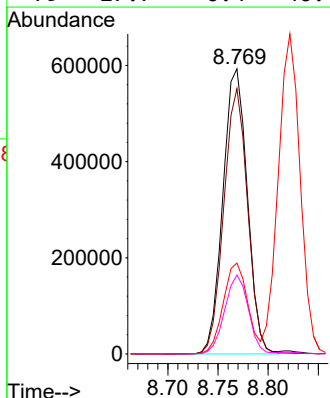
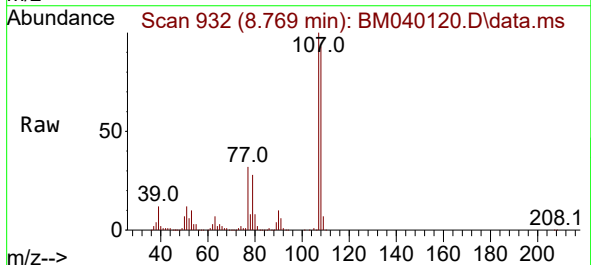
Instrument :
BNA_M
ClientSampleId :
PB153204BS

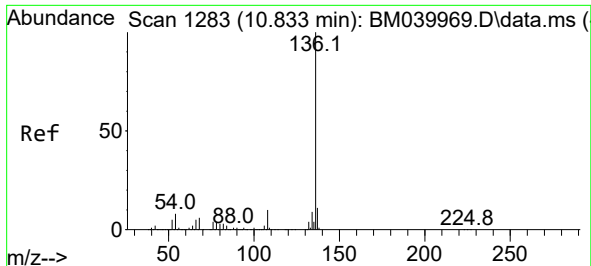
Tgt Ion: 70 Resp: 627498
Ion Ratio Lower Upper
70 100
42 56.7 45.6 68.4
101 9.9 7.7 11.5
130 21.7 17.5 26.3



#20
3+4-Methylphenols
Concen: 54.727 ng
RT: 8.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion: 107 Resp: 1003221
Ion Ratio Lower Upper
107 100
108 93.1 69.3 109.3
77 31.9 11.7 51.7
79 27.7 6.4 46.4

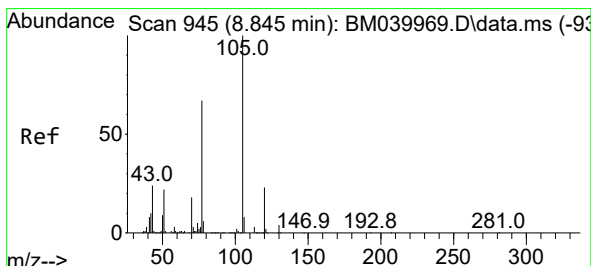
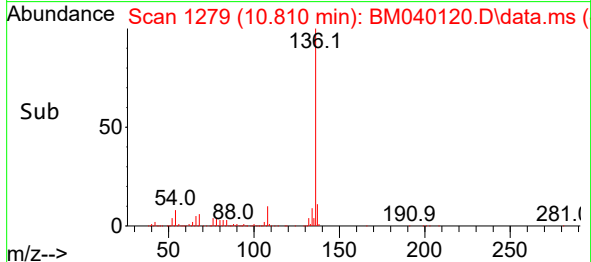
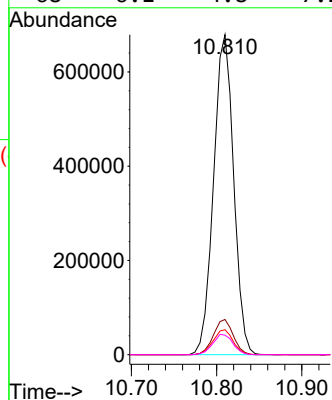
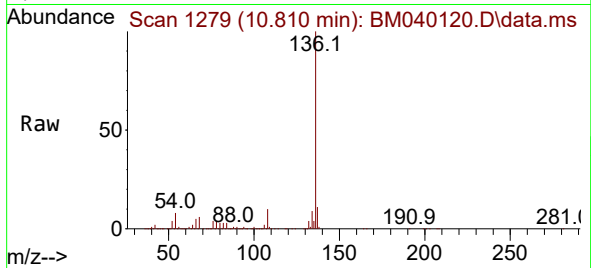




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

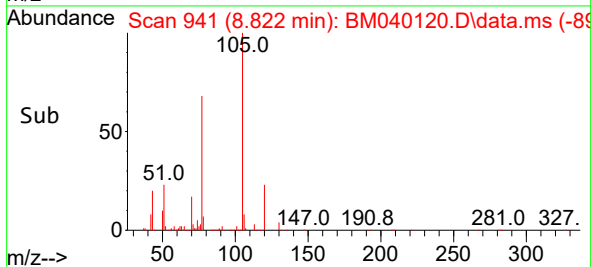
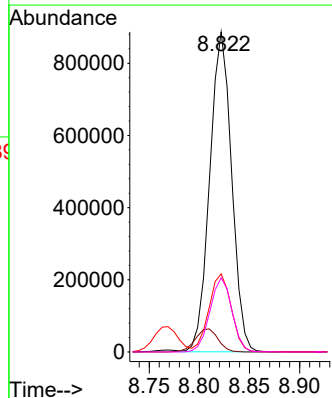
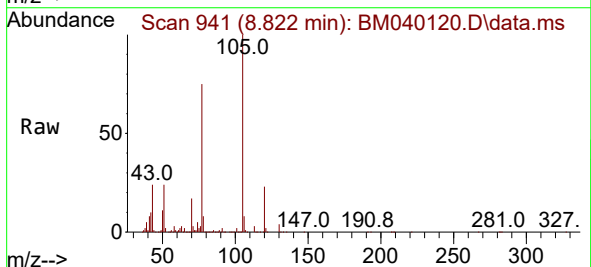
Instrument :
BNA_M
ClientSampleId :
PB153204BS

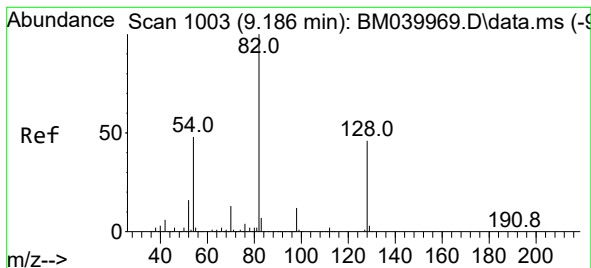
Tgt Ion:136 Resp: 1111934
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.1 9.1
68 6.1 4.8 7.2



#22
Acetophenone
Concen: 44.782 ng
RT: 8.822 min Scan# 941
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:105 Resp: 1343999
Ion Ratio Lower Upper
105 100
71 2.6 2.2 3.4
51 24.4 19.8 29.8
120 23.2 18.6 28.0





#23

Nitrobenzene-d5

Concen: 85.818 ng

RT: 9.163 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

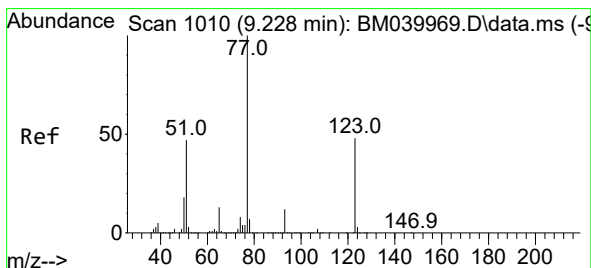
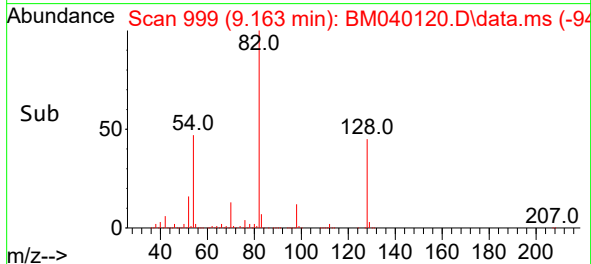
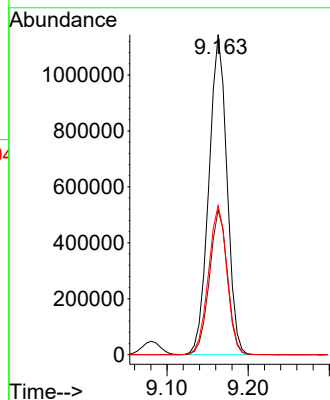
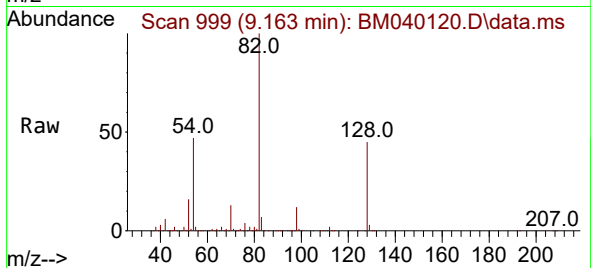
Tgt Ion: 82 Resp: 1768421

Ion Ratio Lower Upper

82 100

128 45.2 36.5 54.7

54 46.6 38.3 57.5



#24

Nitrobenzene

Concen: 44.035 ng

RT: 9.204 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

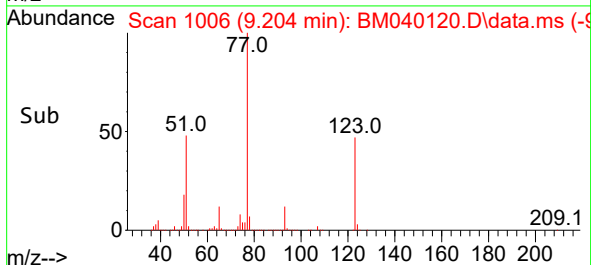
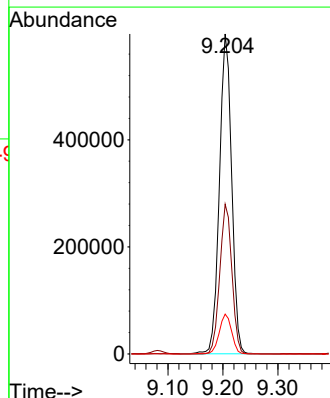
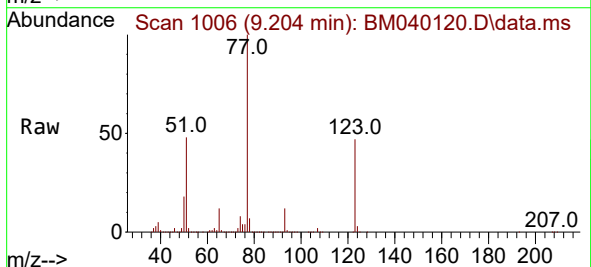
Tgt Ion: 77 Resp: 920438

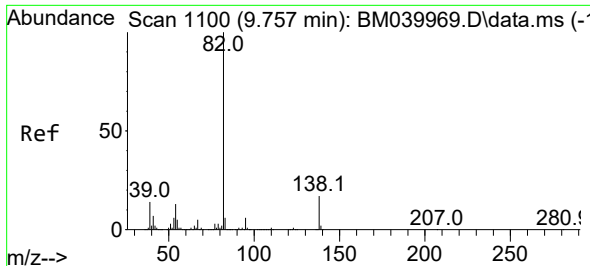
Ion Ratio Lower Upper

77 100

123 46.8 38.1 57.1

65 12.5 10.1 15.1

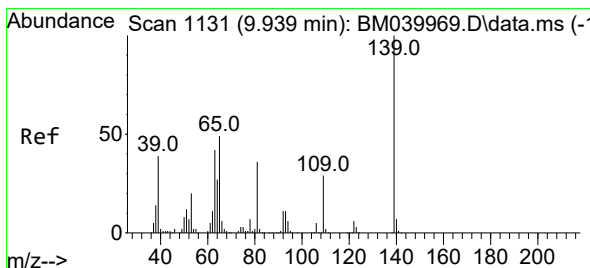
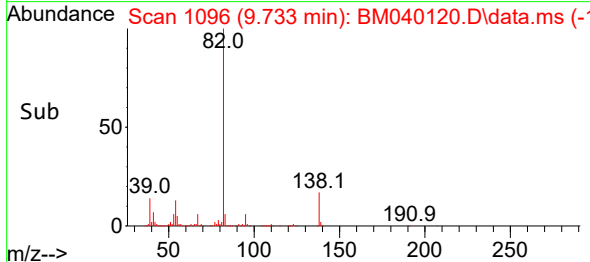
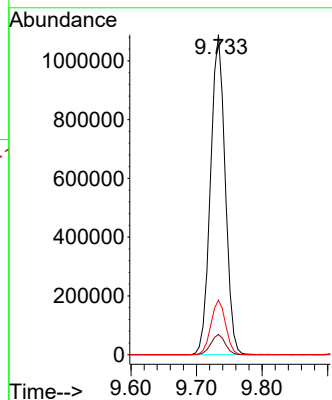
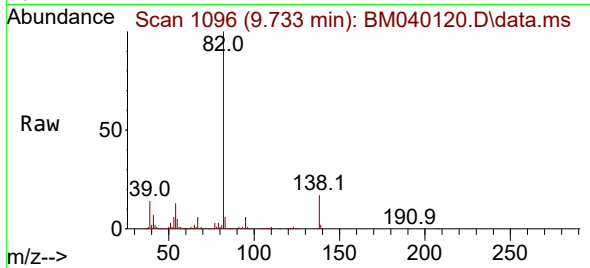




#25
Isophorone
Concen: 45.016 ng
RT: 9.733 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

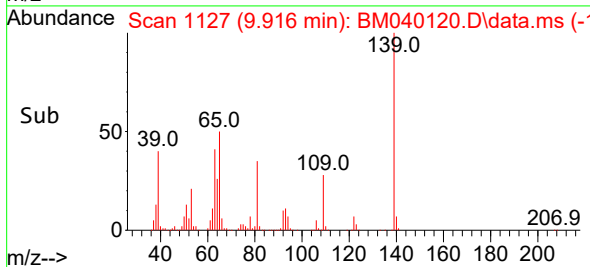
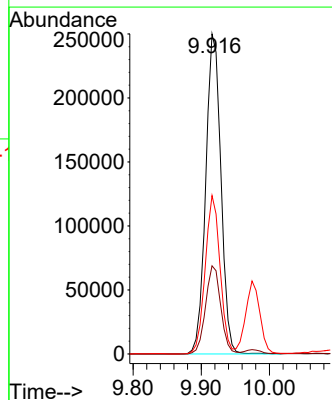
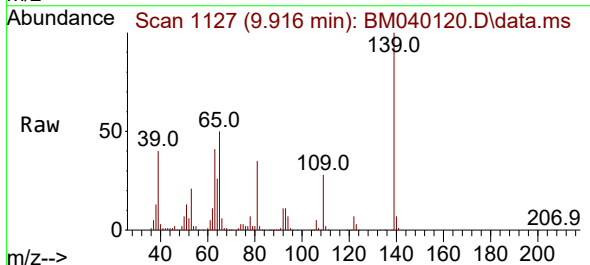
Instrument :
BNA_M
ClientSampleId :
PB153204BS

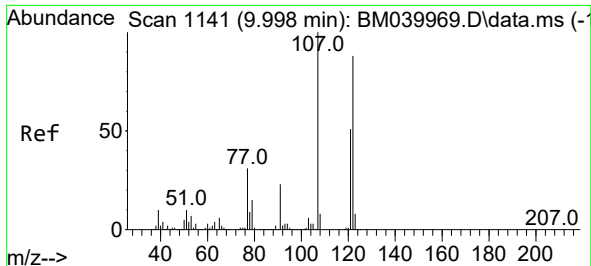
Tgt Ion: 82 Resp: 1691672
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 17.1 13.8 20.8



#26
2-Nitrophenol
Concen: 52.467 ng
RT: 9.916 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion: 139 Resp: 388068
Ion Ratio Lower Upper
139 100
109 27.5 23.4 35.2
65 49.5 39.4 59.2

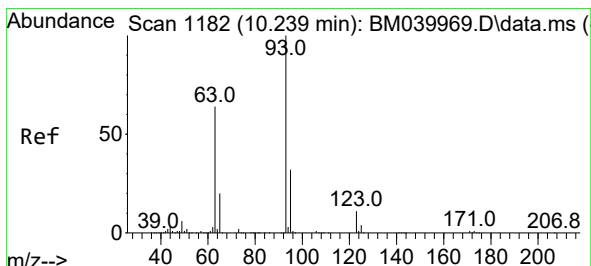
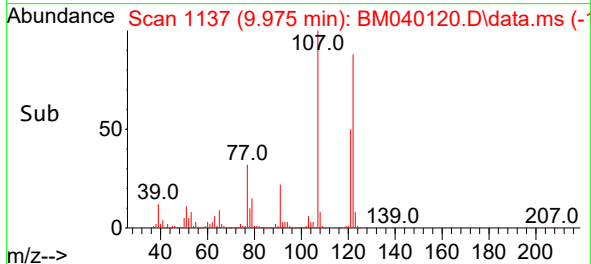
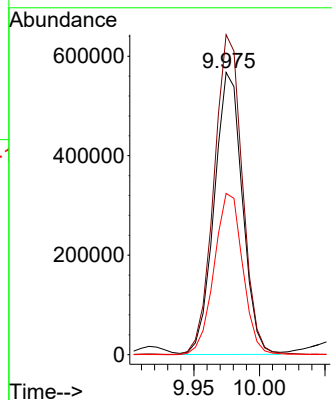
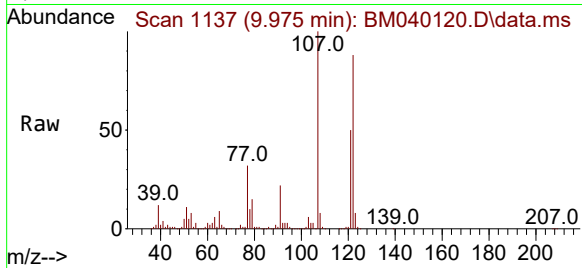




#27
2,4-Dimethylphenol
Concen: 50.255 ng
RT: 9.975 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

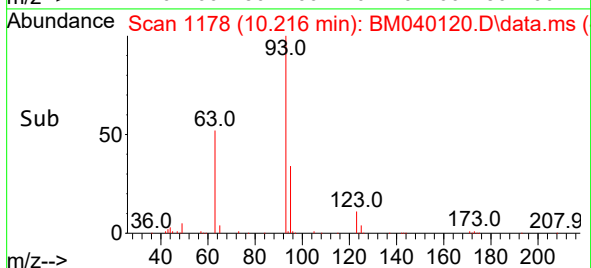
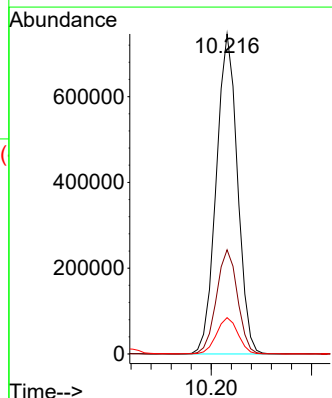
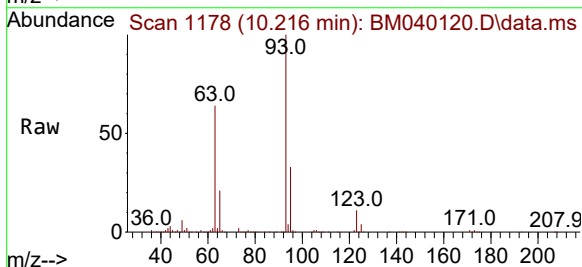
Instrument :
BNA_M
ClientSampleId :
PB153204BS

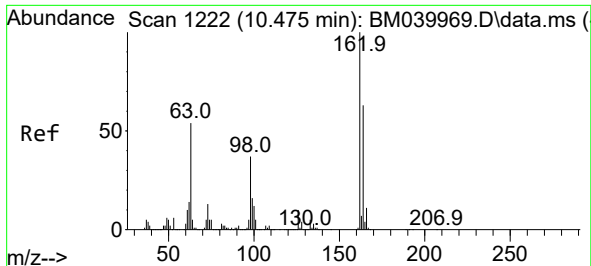
Tgt Ion:122 Resp: 846619
Ion Ratio Lower Upper
122 100
107 113.4 91.0 136.4
121 57.1 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.453 ng
RT: 10.216 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion: 93 Resp: 1095214
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.463 ng

RT: 10.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

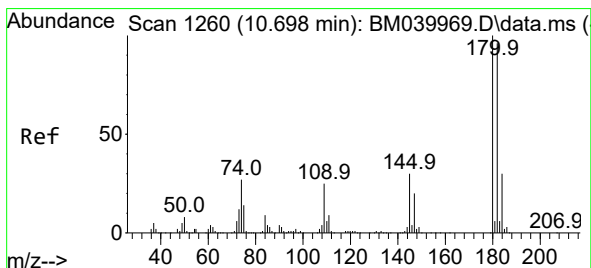
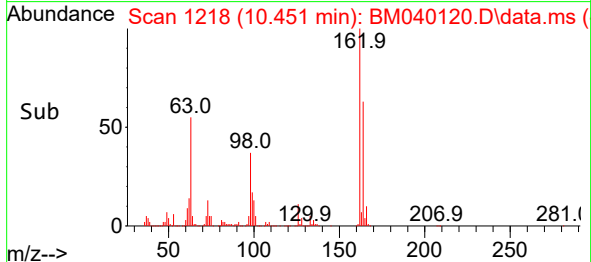
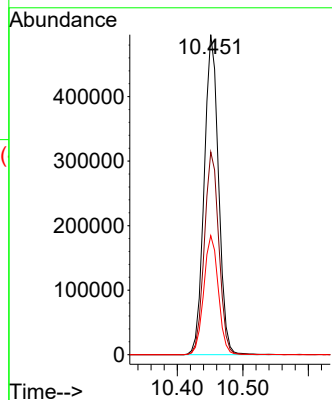
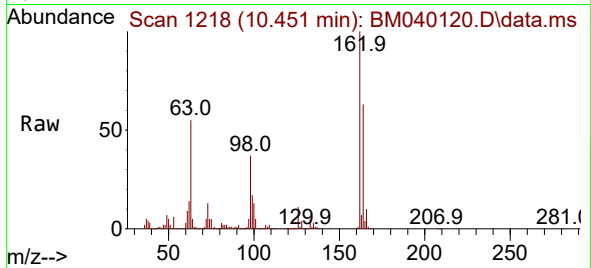
Tgt Ion:162 Resp: 757557

Ion Ratio Lower Upper

162 100

164 63.3 43.3 83.3

98 37.2 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 39.900 ng

RT: 10.669 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

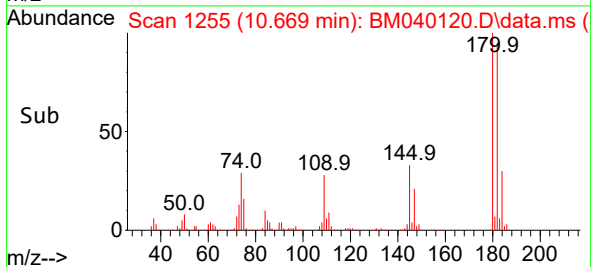
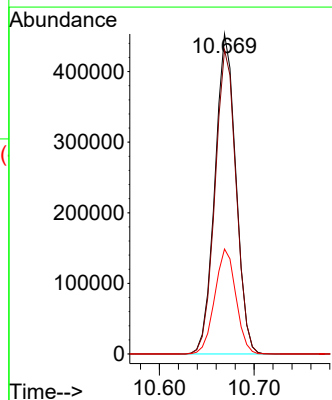
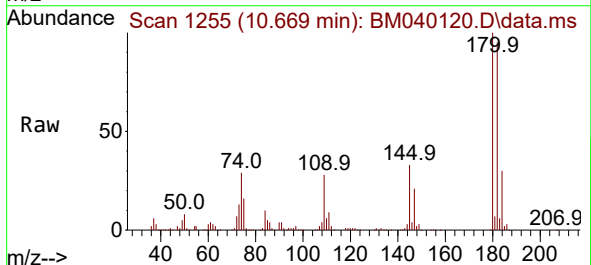
Tgt Ion:180 Resp: 697208

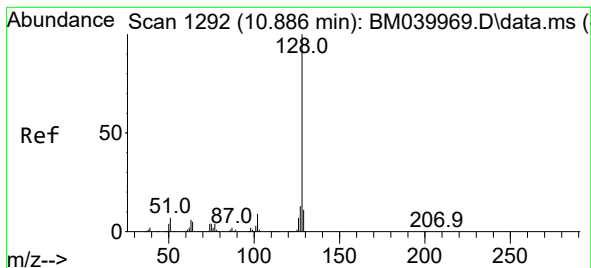
Ion Ratio Lower Upper

180 100

182 95.0 76.9 115.3

145 32.8 24.1 36.1

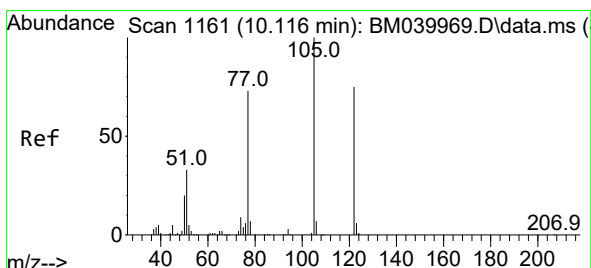
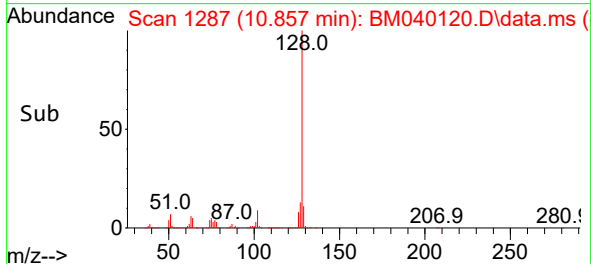
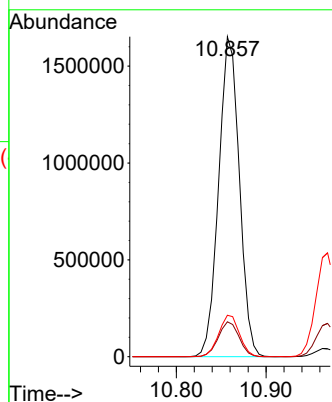
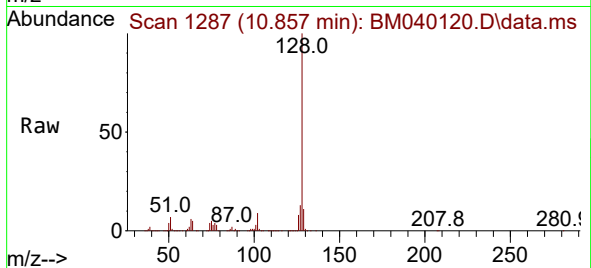




#31
Naphthalene
Concen: 43.099 ng
RT: 10.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

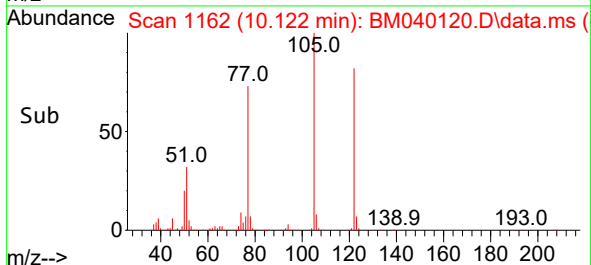
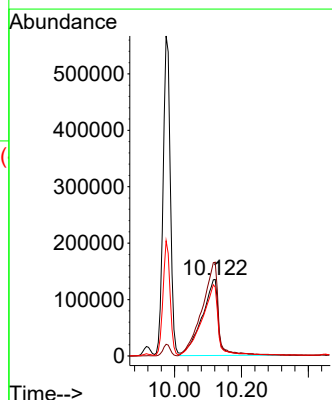
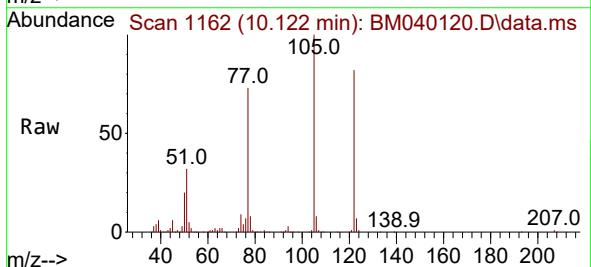
Instrument :
BNA_M
ClientSampleId :
PB153204BS

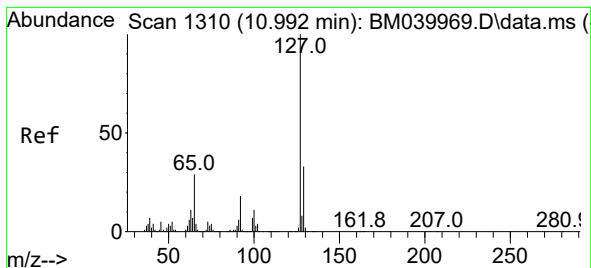
Tgt Ion:128 Resp: 2644171
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 42.242 ng
RT: 10.122 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:122 Resp: 466882
Ion Ratio Lower Upper
122 100
105 122.5 106.0 146.0
77 89.8 74.7 114.7





#33

4-Chloroaniline

Concen: 33.701 ng

RT: 10.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

Tgt Ion:127 Resp: 871274

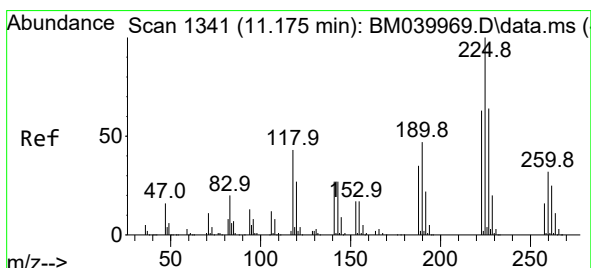
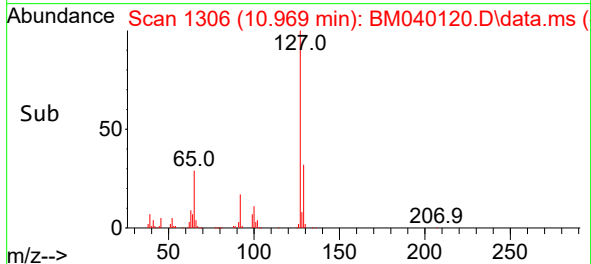
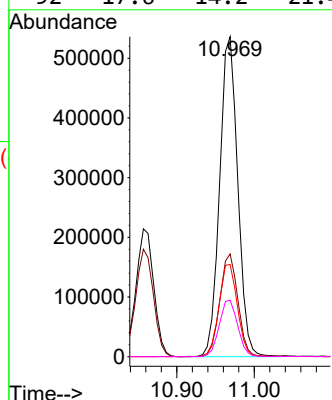
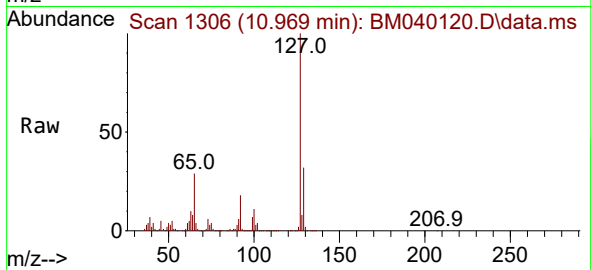
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.2

65 28.8 23.1 34.7

92 17.6 14.2 21.4



#34

Hexachlorobutadiene

Concen: 35.599 ng

RT: 11.145 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

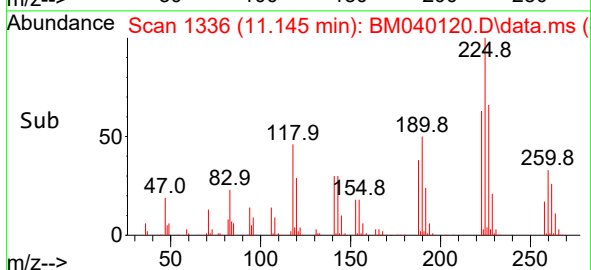
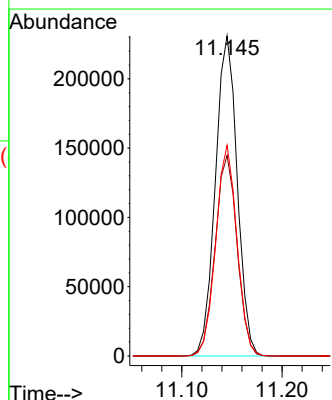
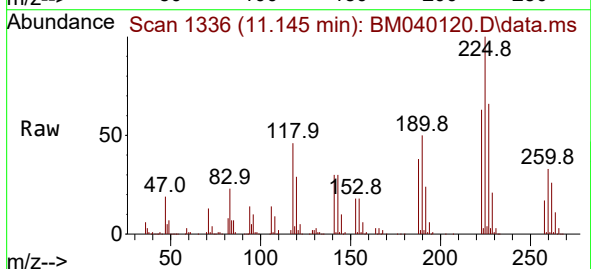
Tgt Ion:225 Resp: 349153

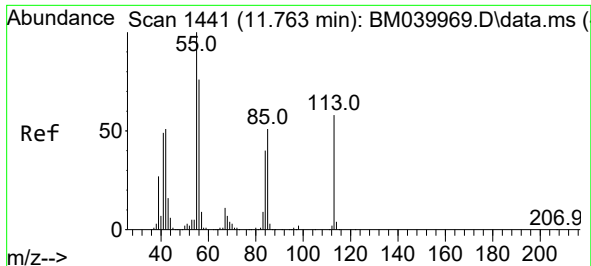
Ion Ratio Lower Upper

225 100

223 62.7 50.3 75.5

227 65.9 51.0 76.4

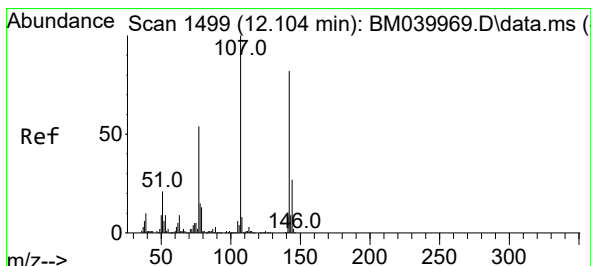
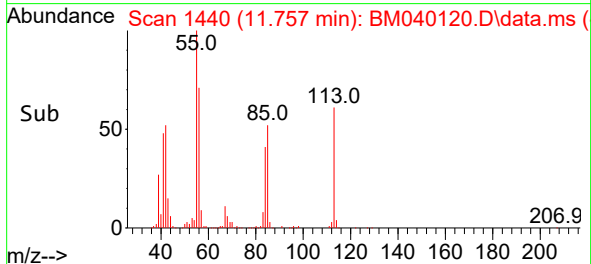
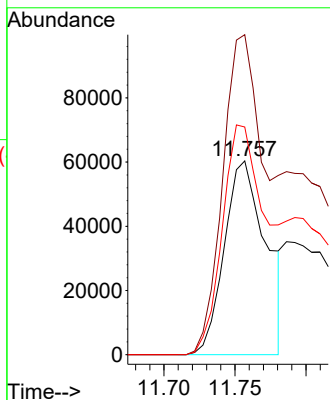
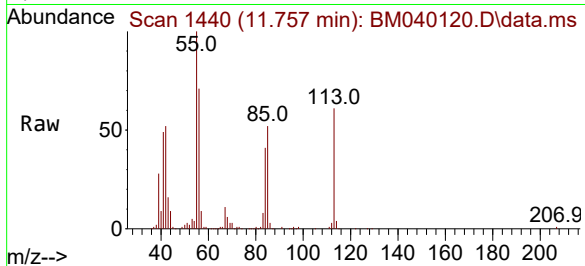




#35
Caprolactam
Concen: 27.291 ng
RT: 11.757 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

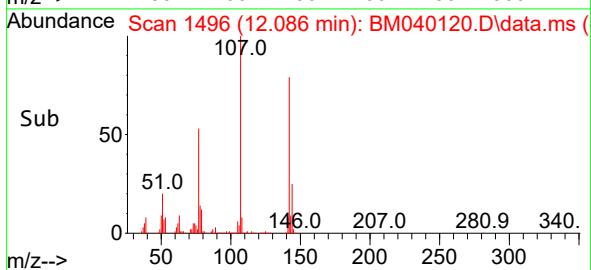
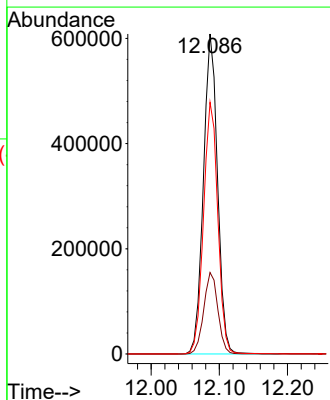
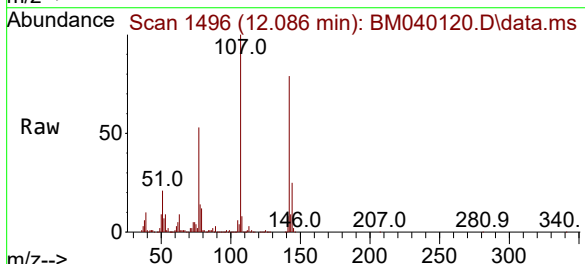
Instrument :
BNA_M
ClientSampleId :
PB153204BS

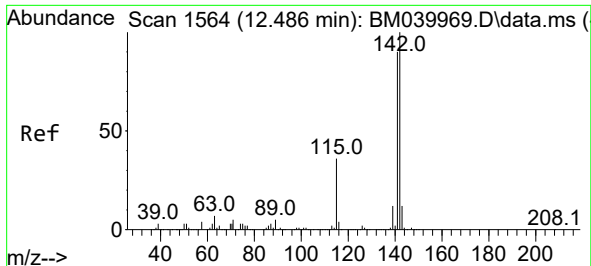
Tgt Ion:113 Resp: 123002
Ion Ratio Lower Upper
113 100
55 165.1 152.5 192.5
56 117.5 111.2 151.2



#36
4-Chloro-3-methylphenol
Concen: 53.255 ng
RT: 12.086 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:107 Resp: 878576
Ion Ratio Lower Upper
107 100
144 25.5 21.4 32.2
142 78.7 65.8 98.6

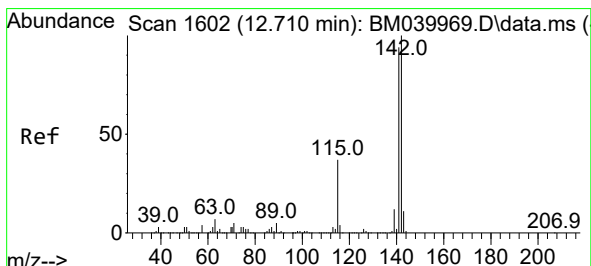
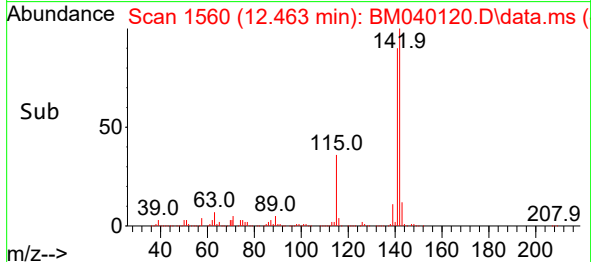
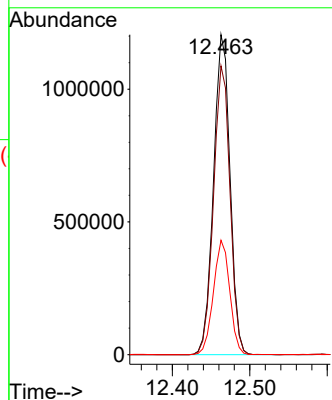
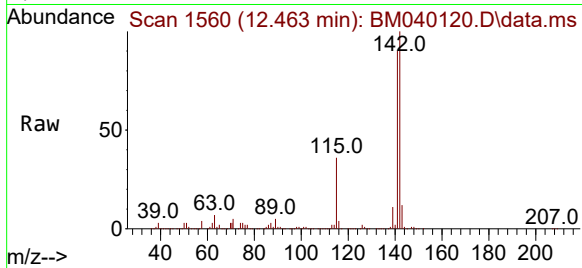




#37
2-Methylnaphthalene
Concen: 43.603 ng
RT: 12.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

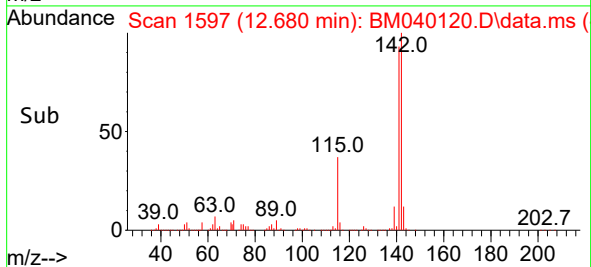
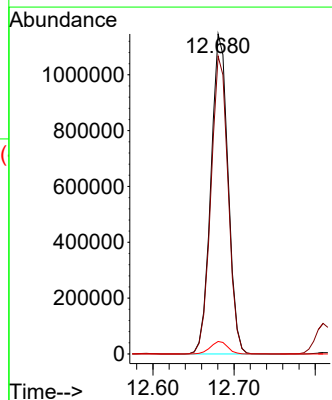
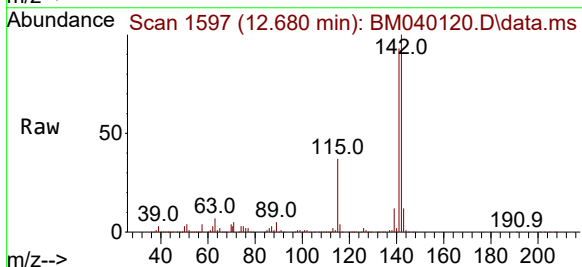
Instrument :
BNA_M
ClientSampleId :
PB153204BS

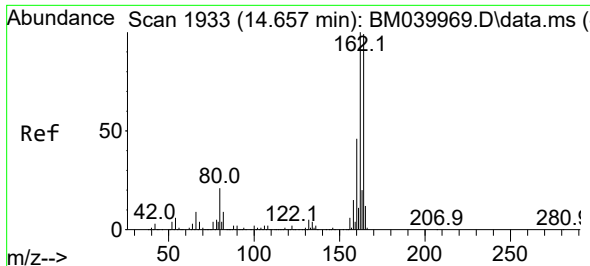
Tgt Ion:142 Resp: 1783073
Ion Ratio Lower Upper
142 100
141 90.3 71.6 107.4
115 35.8 28.8 43.2



#38
1-Methylnaphthalene
Concen: 43.928 ng
RT: 12.680 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:142 Resp: 1681557
Ion Ratio Lower Upper
142 100
141 93.0 75.1 112.7
116 3.9 3.2 4.8

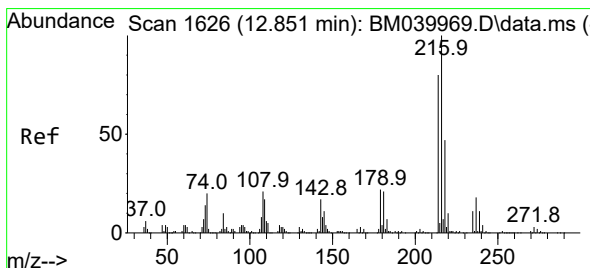
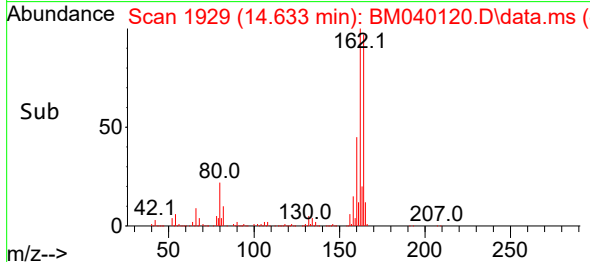
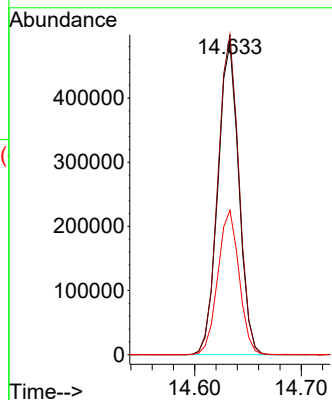
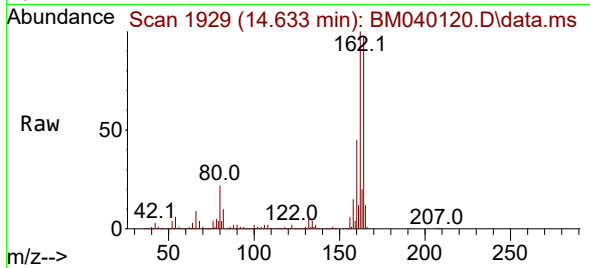




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

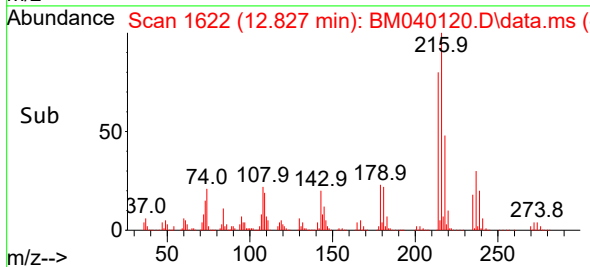
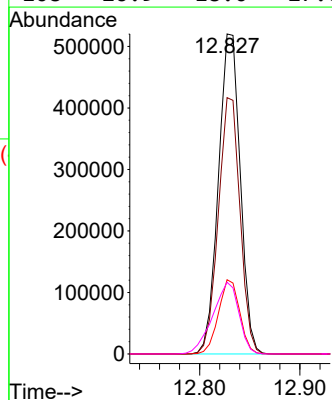
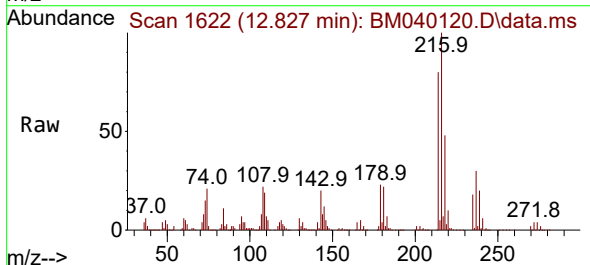
Instrument :
BNA_M
ClientSampleId :
PB153204BS

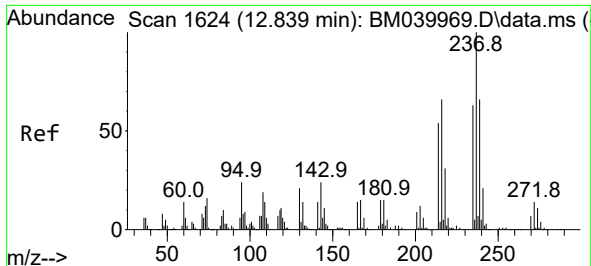
Tgt Ion:164 Resp: 660229
Ion Ratio Lower Upper
164 100
162 102.8 80.6 120.8
160 46.4 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.624 ng
RT: 12.827 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:216 Resp: 785668
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.6
179 22.6 17.4 26.2
108 26.9 18.0 27.0

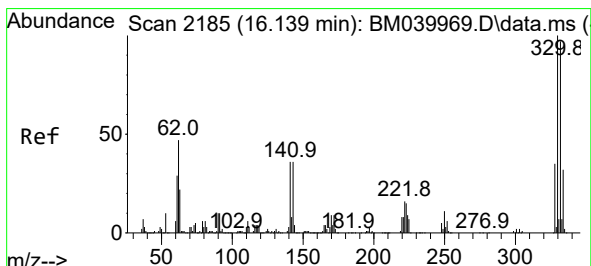
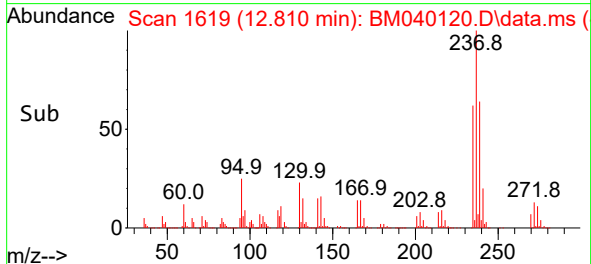
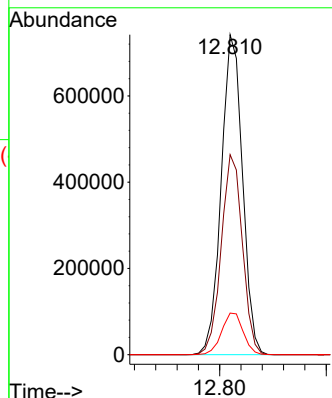
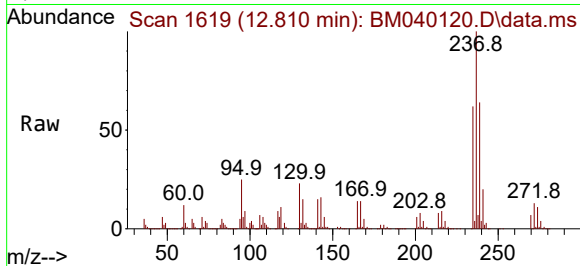




#41
Hexachlorocyclopentadiene
Concen: 94.912 ng
RT: 12.810 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

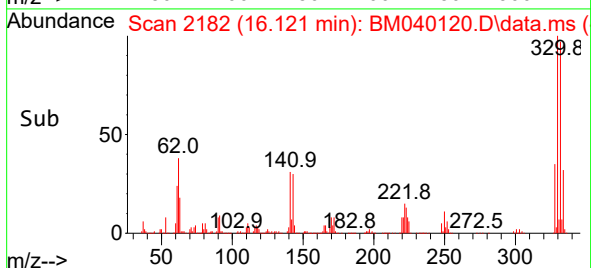
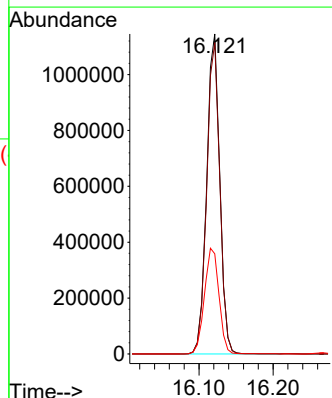
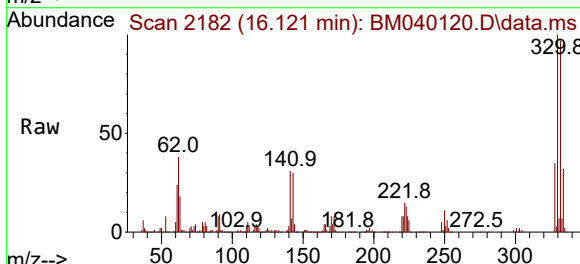
Instrument :
BNA_M
ClientSampleId :
PB153204BS

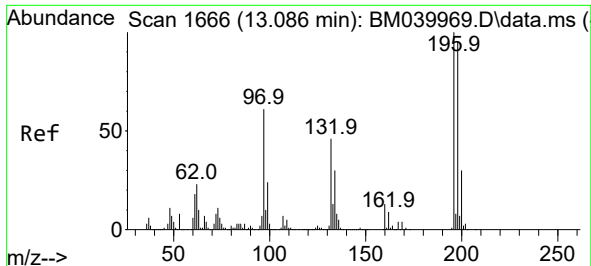
Tgt Ion:237 Resp: 1025291
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 164.159 ng
RT: 16.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:330 Resp: 1406724
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 36.7 31.6 47.4

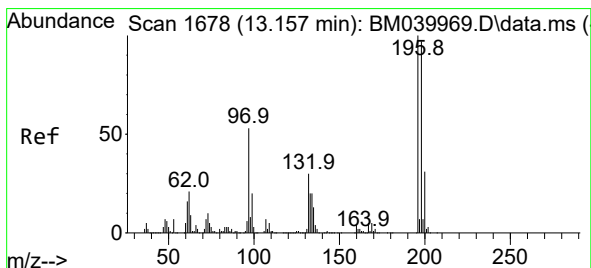
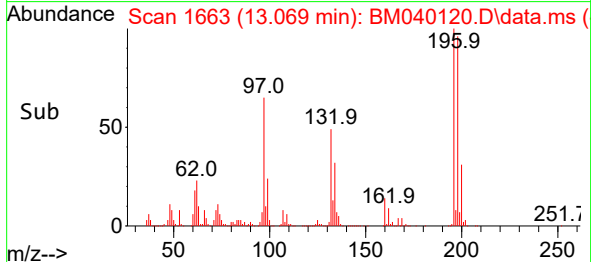
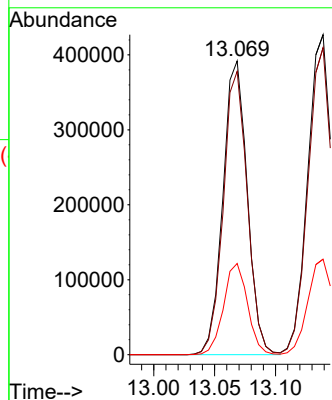
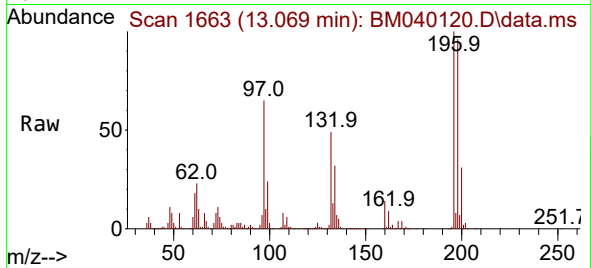




#43
2,4,6-Trichlorophenol
Concen: 43.075 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

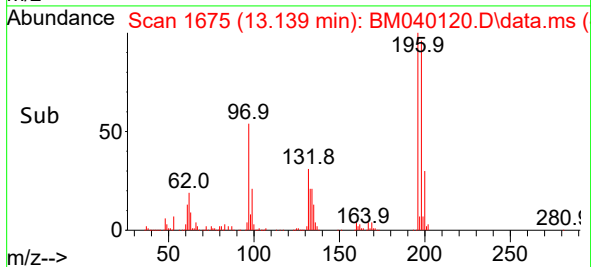
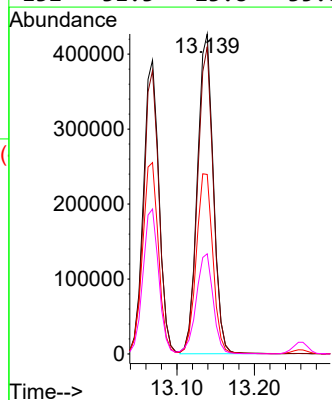
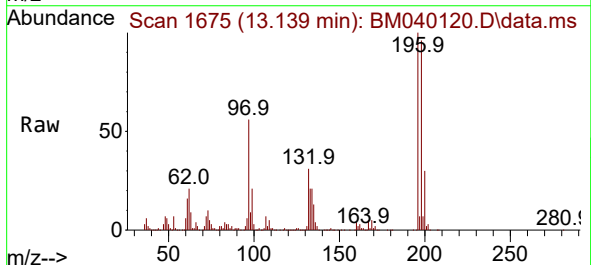
Instrument :
BNA_M
ClientSampleId :
PB153204BS

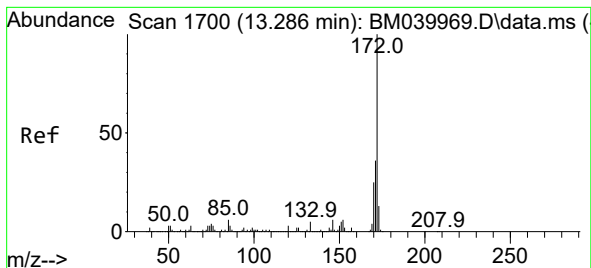
Tgt Ion:196 Resp: 545964
Ion Ratio Lower Upper
196 100
198 96.4 75.7 113.5
200 31.0 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 40.379 ng
RT: 13.139 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:196 Resp: 609158
Ion Ratio Lower Upper
196 100
198 96.0 77.2 115.8
97 56.1 42.2 63.2
132 31.3 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 76.743 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

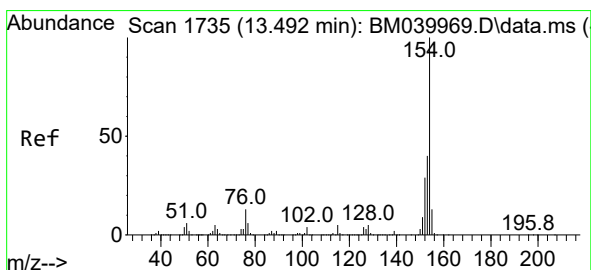
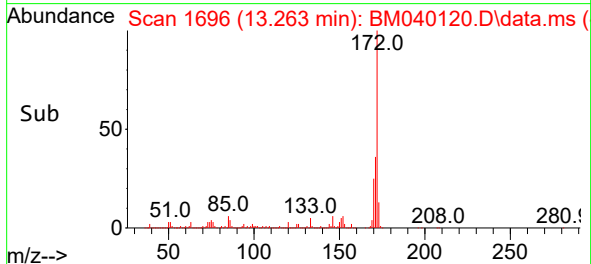
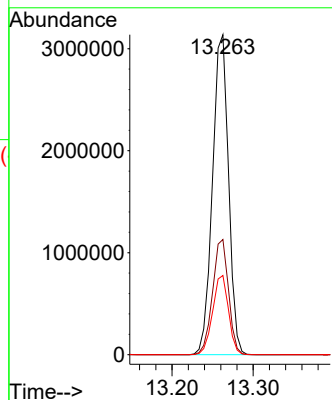
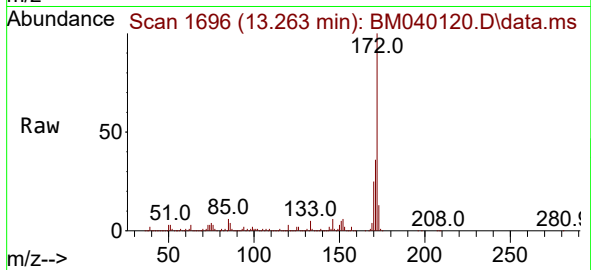
Tgt Ion:172 Resp: 4295766

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.8 19.6 29.4



#46

1,1'-Biphenyl

Concen: 42.178 ng

RT: 13.468 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

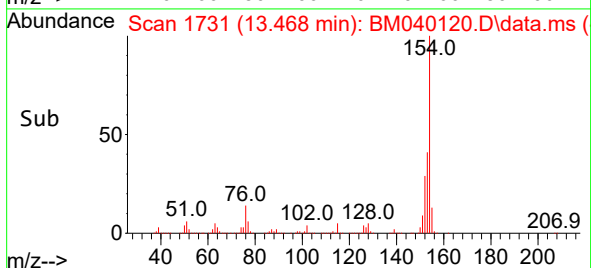
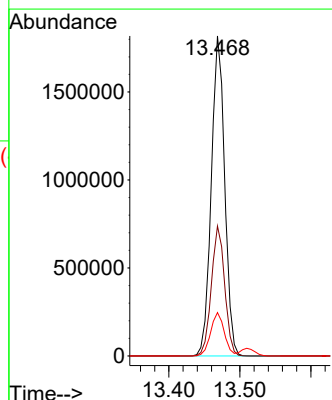
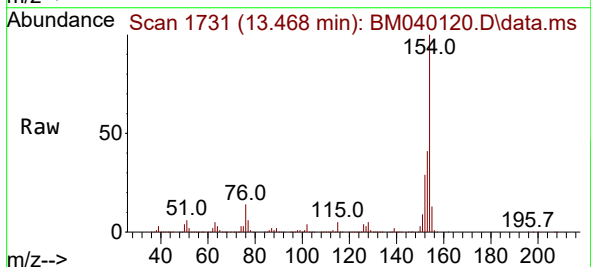
Tgt Ion:154 Resp: 2384148

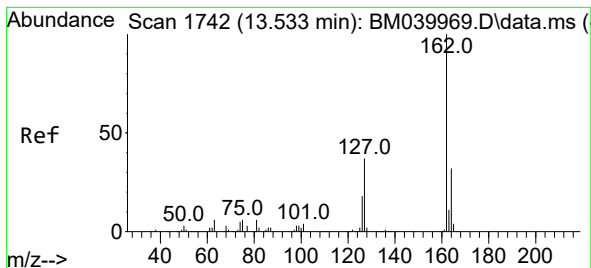
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 13.6 0.0 33.1





#47

2-Chloronaphthalene

Concen: 42.108 ng

RT: 13.510 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

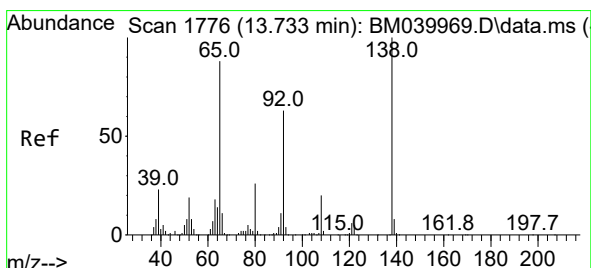
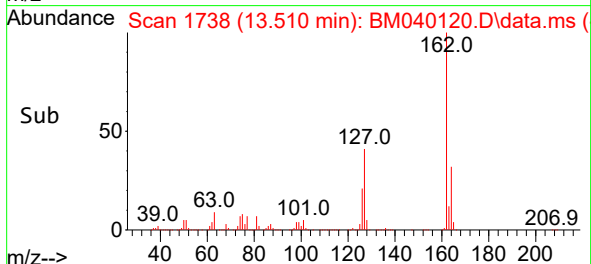
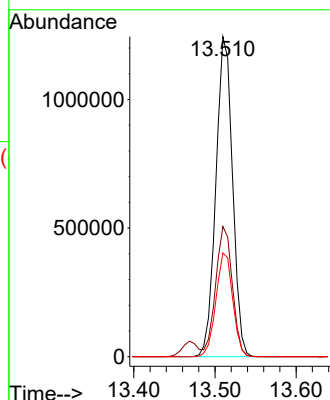
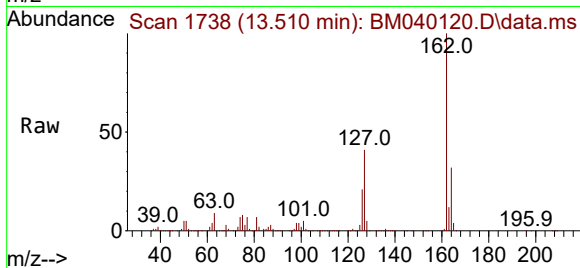
Tgt Ion:162 Resp: 1776685

Ion Ratio Lower Upper

162 100

127 40.7 31.3 46.9

164 32.4 25.8 38.8



#48

2-Nitroaniline

Concen: 47.599 ng

RT: 13.716 min Scan# 1773

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

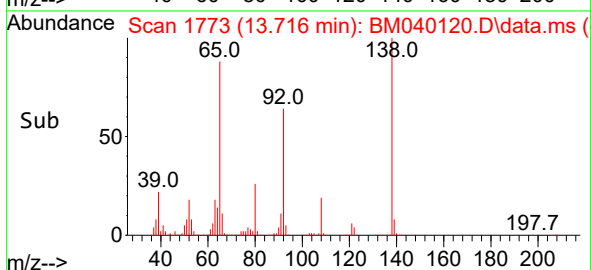
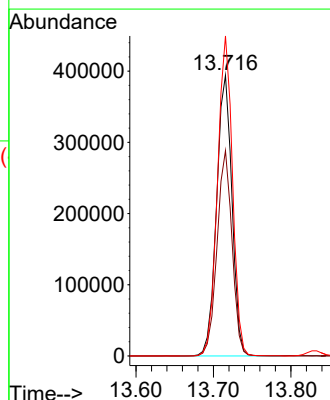
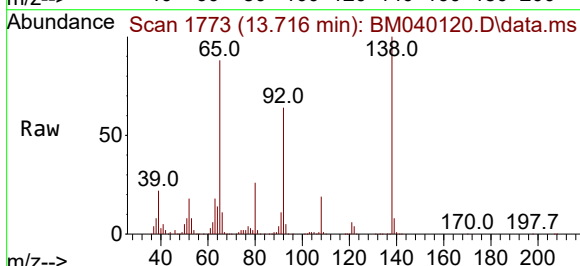
Tgt Ion: 65 Resp: 543142

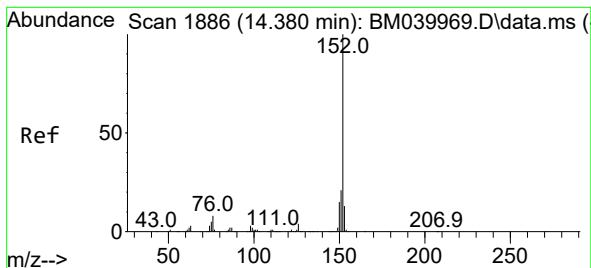
Ion Ratio Lower Upper

65 100

92 73.1 57.0 85.6

138 114.0 91.1 136.7





#49

Acenaphthylene

Concen: 43.959 ng

RT: 14.357 min Scan# 1882

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

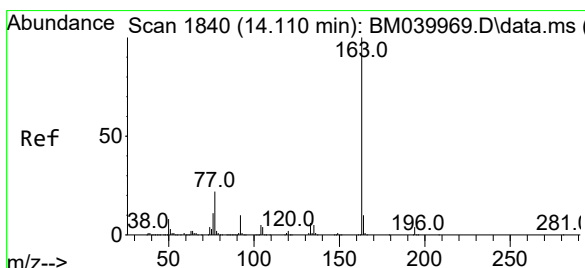
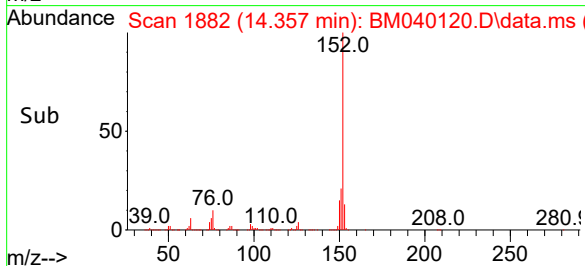
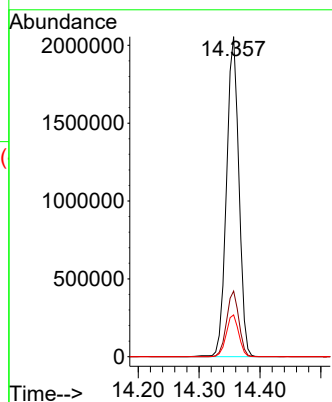
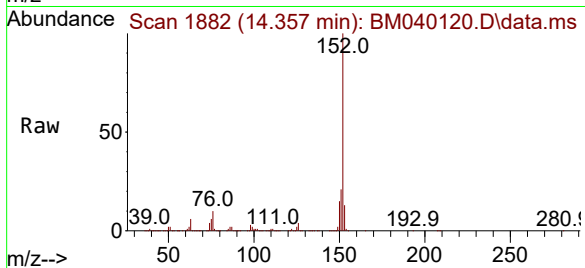
Tgt Ion:152 Resp: 2903634

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 44.252 ng

RT: 14.092 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

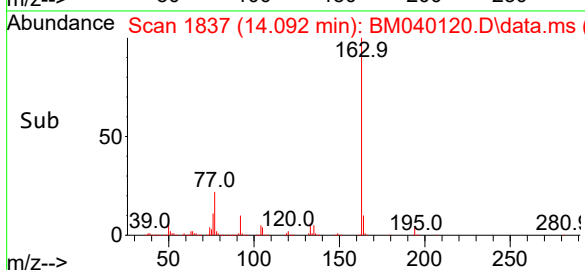
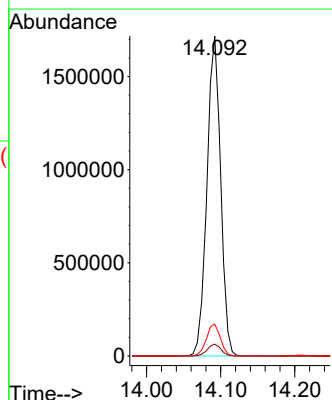
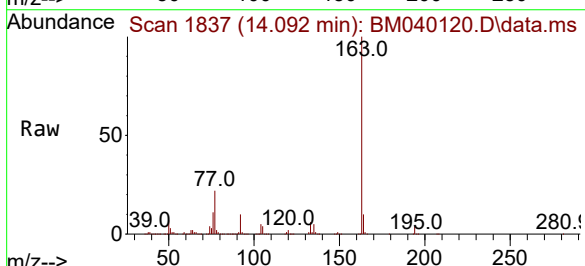
Tgt Ion:163 Resp: 2202459

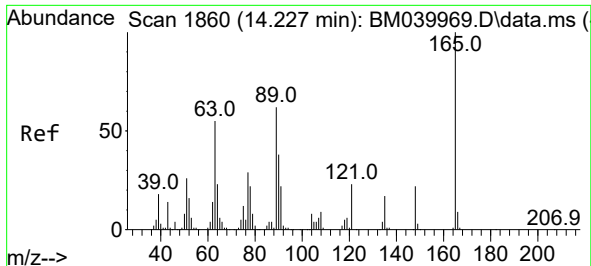
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 8.2 12.2

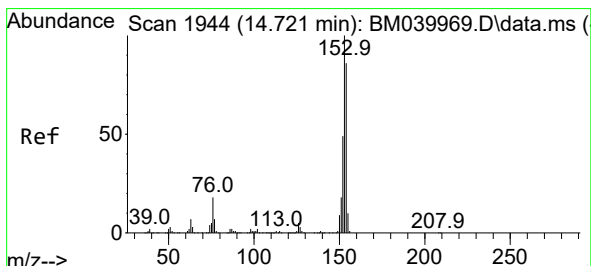
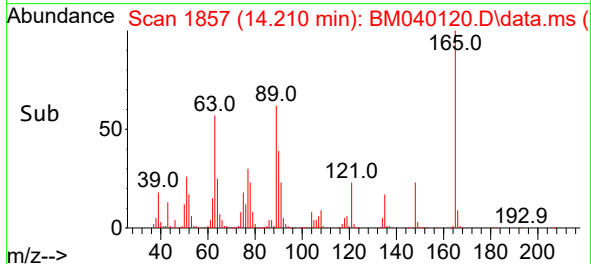
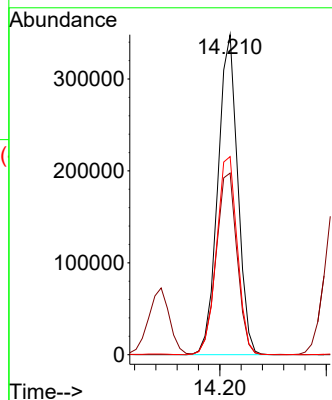
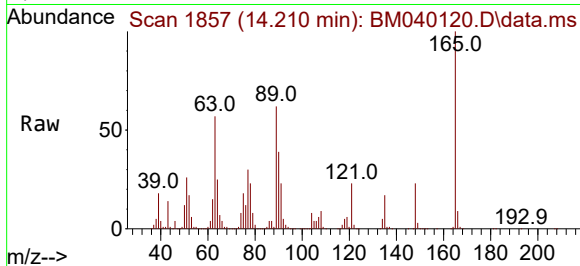




#51
2,6-Dinitrotoluene
Concen: 47.218 ng
RT: 14.210 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

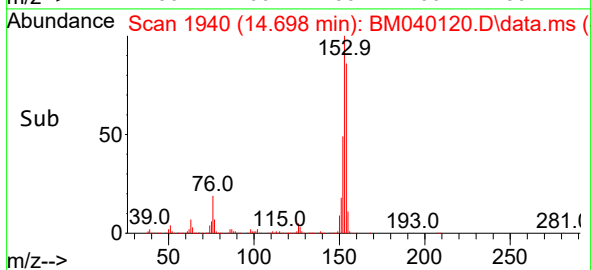
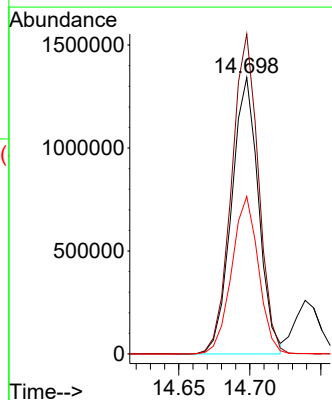
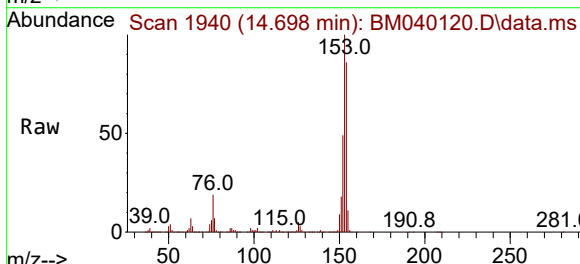
Instrument :
BNA_M
ClientSampleId :
PB153204BS

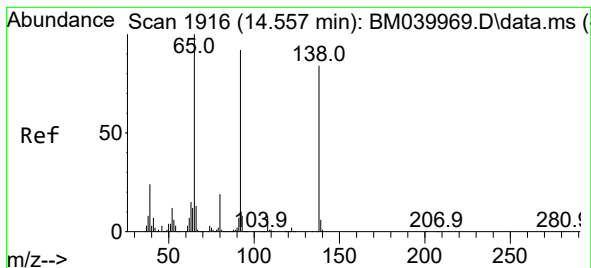
Tgt Ion:165 Resp: 449571
Ion Ratio Lower Upper
165 100
63 56.8 45.3 67.9
89 61.9 49.5 74.3



#52
Acenaphthene
Concen: 41.229 ng
RT: 14.698 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:154 Resp: 1779388
Ion Ratio Lower Upper
154 100
153 115.7 92.6 139.0
152 57.0 45.5 68.3

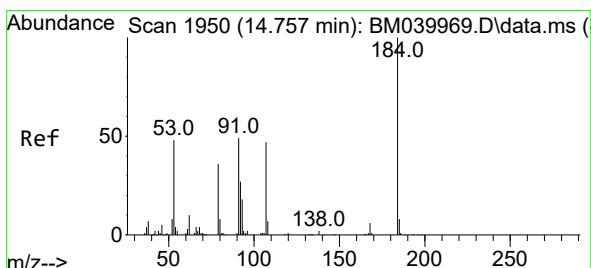
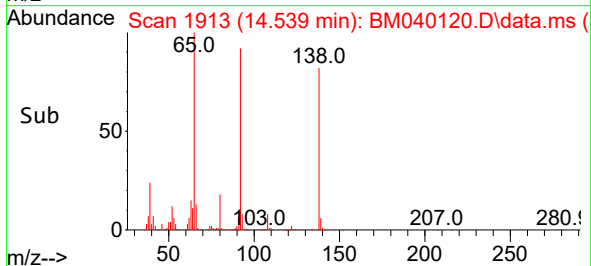
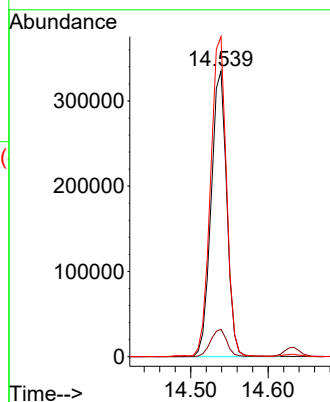
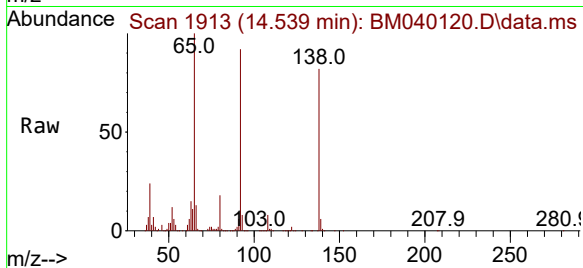




#53
3-Nitroaniline
Concen: 41.938 ng
RT: 14.539 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

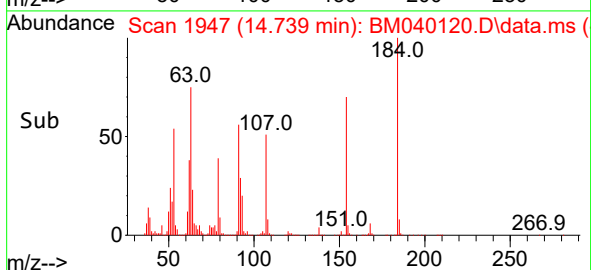
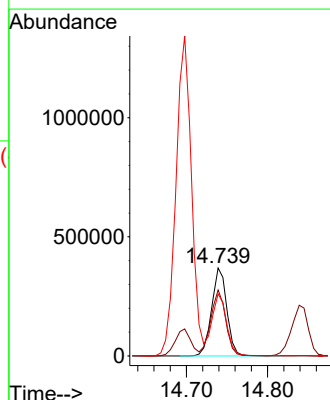
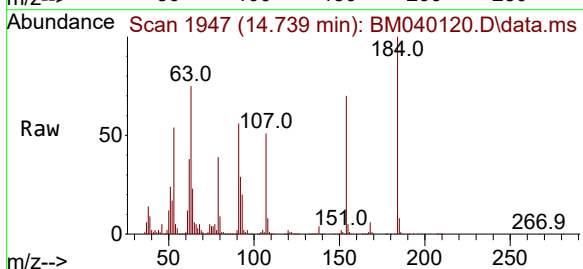
Instrument :
BNA_M
ClientSampleId :
PB153204BS

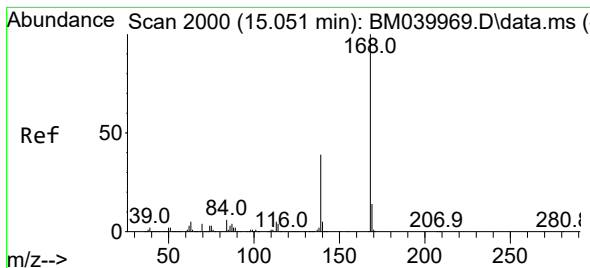
Tgt Ion:138 Resp: 472358
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.6
92 112.0 87.7 131.5



#54
2,4-Dinitrophenol
Concen: 89.358 ng
RT: 14.739 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:184 Resp: 479019
Ion Ratio Lower Upper
184 100
63 74.9 53.0 79.4
154 70.5 54.4 81.6

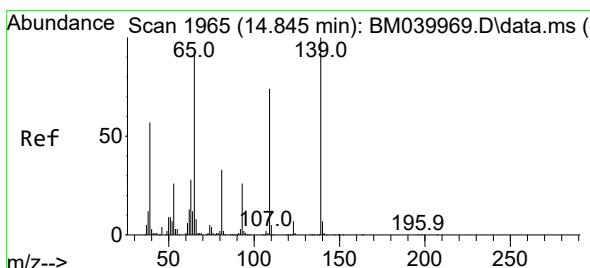
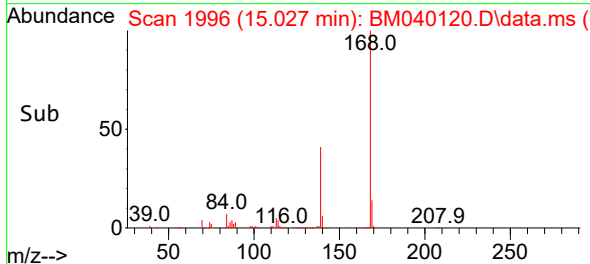
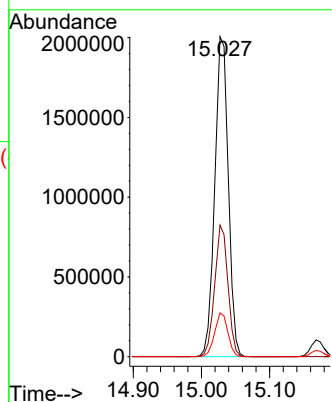
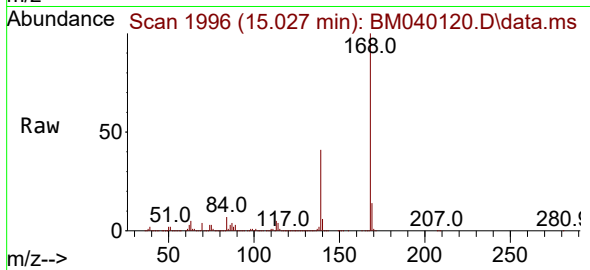




#55
Dibenzenofuran
Concen: 43.427 ng
RT: 15.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

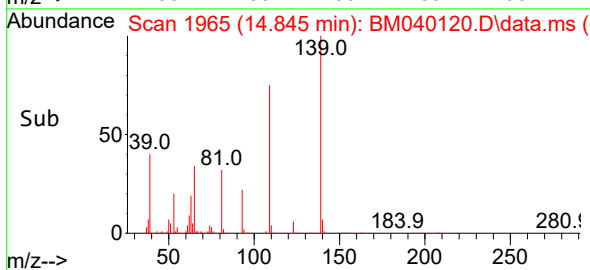
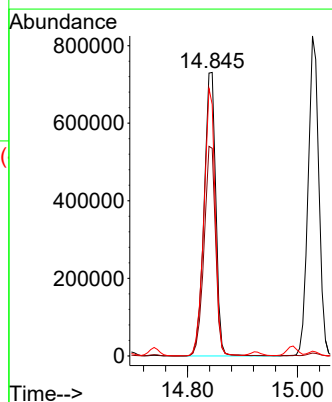
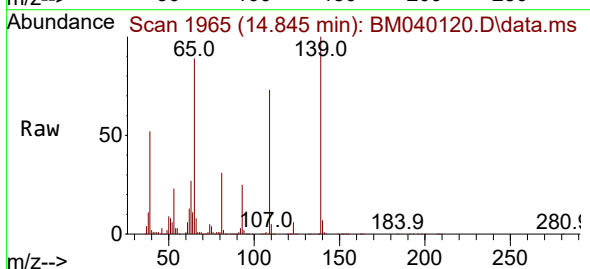
Instrument :
BNA_M
ClientSampleId :
PB153204BS

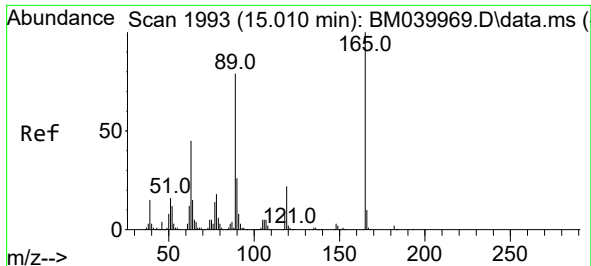
Tgt Ion:168 Resp: 2766805
Ion Ratio Lower Upper
168 100
139 41.1 31.5 47.3
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 124.002 ng
RT: 14.845 min Scan# 1965
Delta R.T. 0.011 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:139 Resp: 1080398
Ion Ratio Lower Upper
139 100
109 73.3 53.9 93.9
65 88.8 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 47.042 ng

RT: 14.992 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

Tgt Ion:165 Resp: 643778

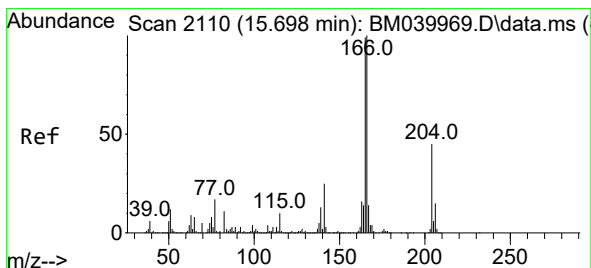
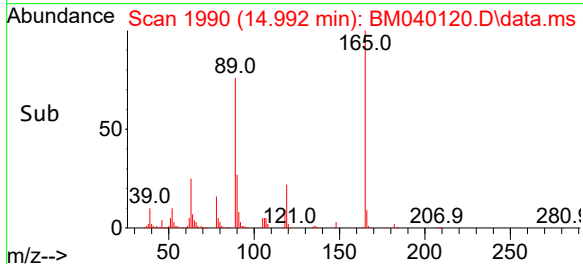
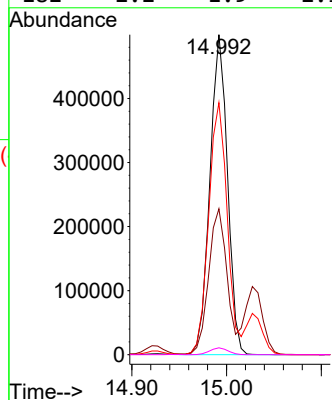
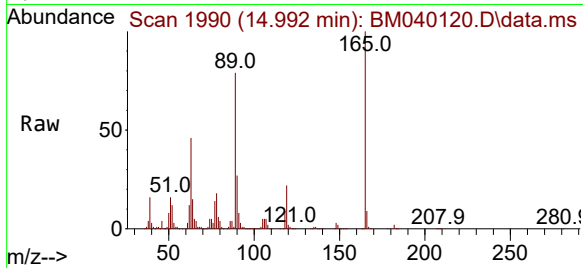
Ion Ratio Lower Upper

165 100

63 45.6 36.2 54.2

89 78.8 63.4 95.0

182 2.2 1.9 2.9



#58

Fluorene

Concen: 46.633 ng

RT: 15.674 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

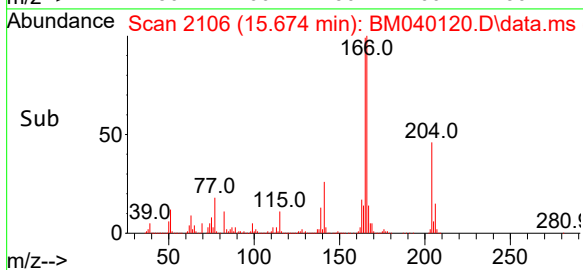
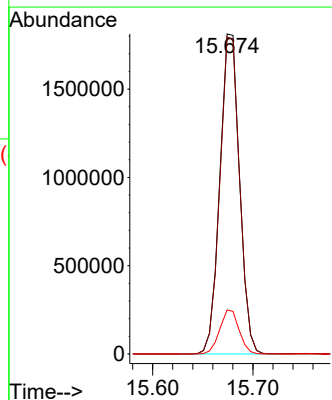
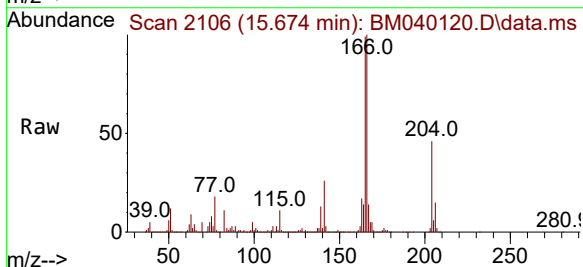
Tgt Ion:166 Resp: 2469813

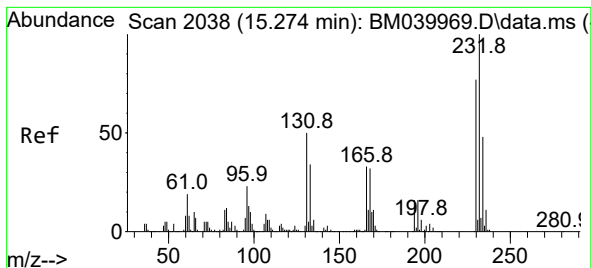
Ion Ratio Lower Upper

166 100

165 99.1 79.5 119.3

167 13.8 11.0 16.6

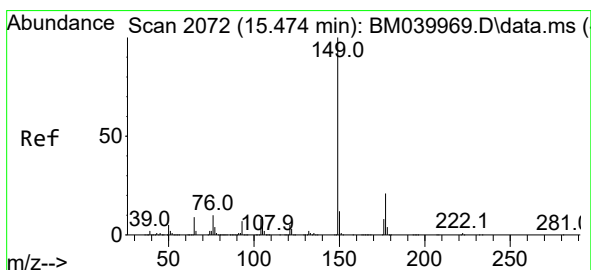
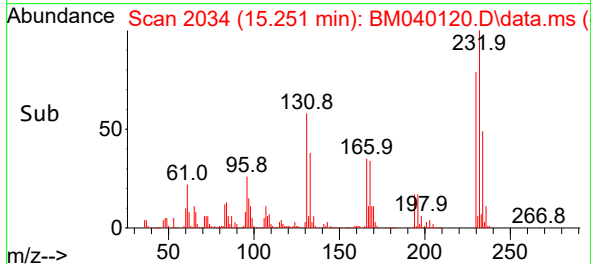
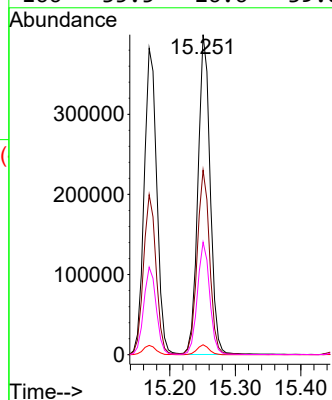
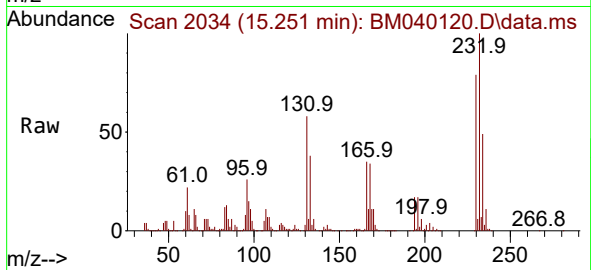




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.185 ng
RT: 15.251 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

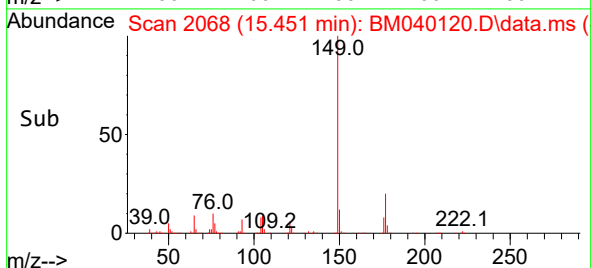
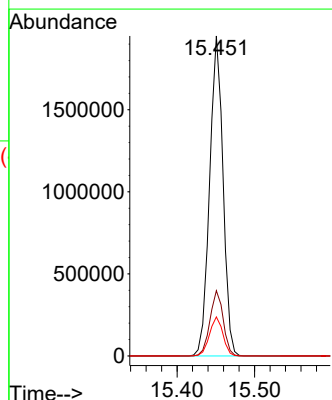
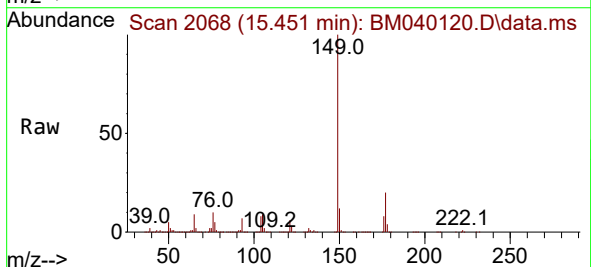
Instrument :
BNA_M
ClientSampleId :
PB153204BS

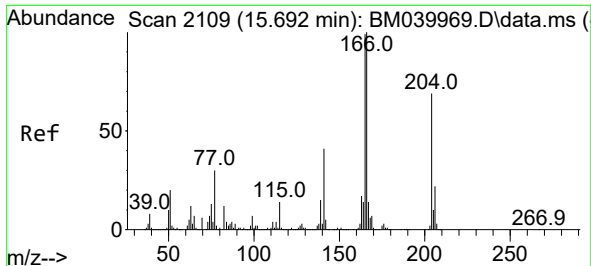
Tgt Ion:232 Resp: 518156
Ion Ratio Lower Upper
232 100
131 58.5 42.8 64.2
130 3.1 2.3 3.5
166 35.5 26.6 39.8



#60
Diethylphthalate
Concen: 47.551 ng
RT: 15.451 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:149 Resp: 2339250
Ion Ratio Lower Upper
149 100
177 20.4 16.8 25.2
150 12.2 9.5 14.3

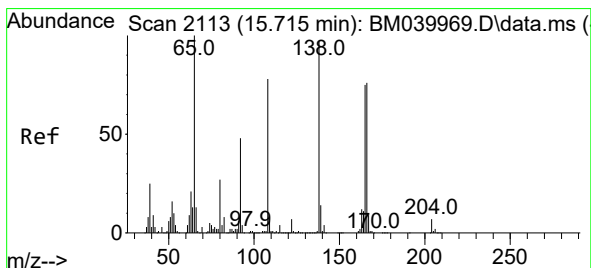
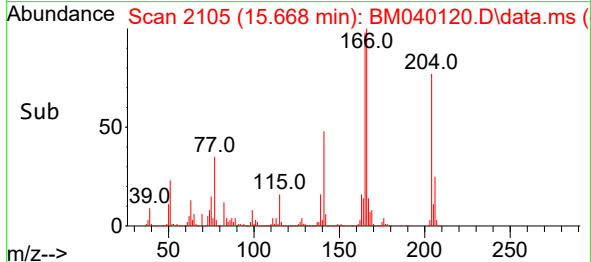
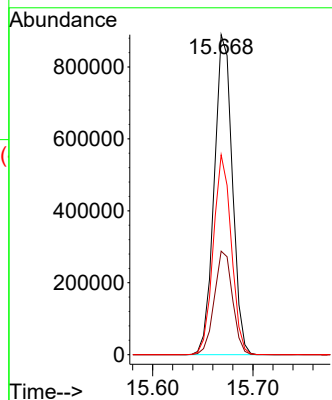
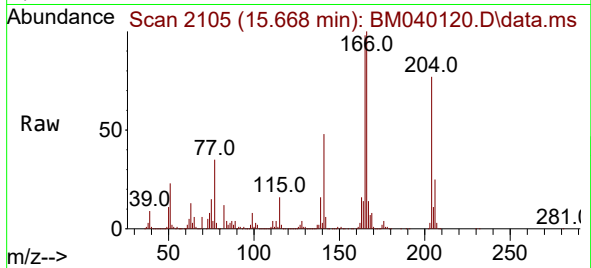




#61
4-Chlorophenyl-phenylether
Concen: 43.024 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

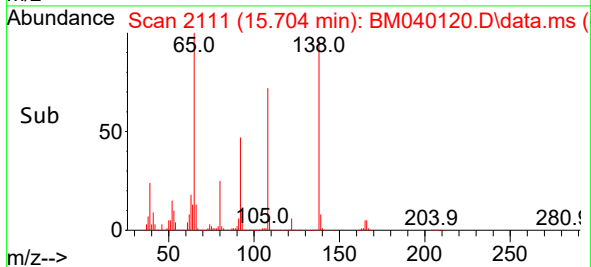
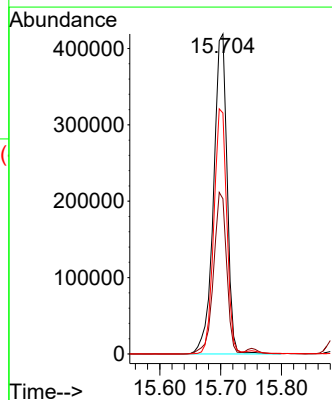
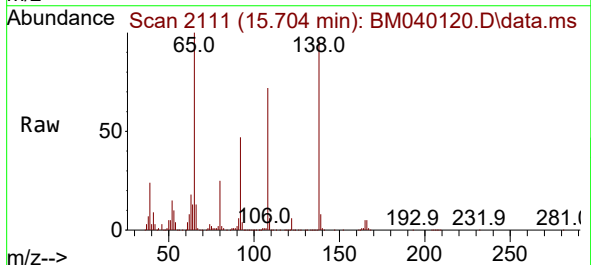
Instrument :
BNA_M
ClientSampleId :
PB153204BS

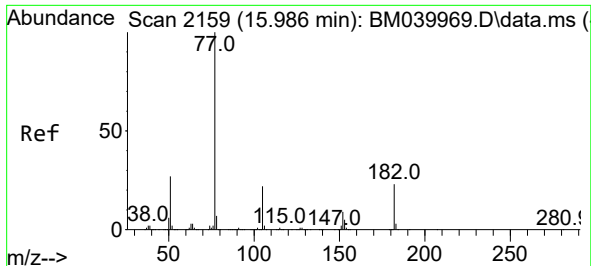
Tgt Ion:204 Resp: 1114847
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 62.5 46.9 70.3



#62
4-Nitroaniline
Concen: 55.171 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:138 Resp: 647169
Ion Ratio Lower Upper
138 100
92 48.5 29.1 69.1
108 75.3 60.0 100.0

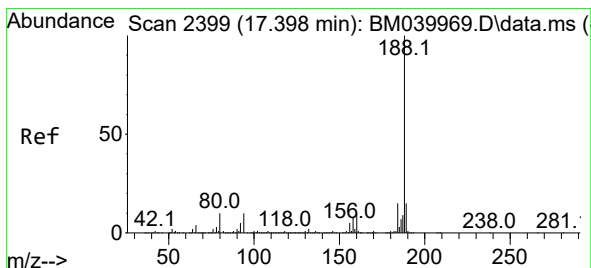
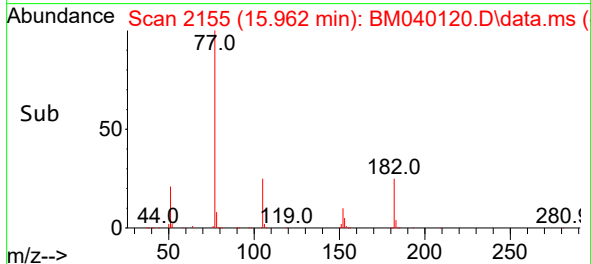
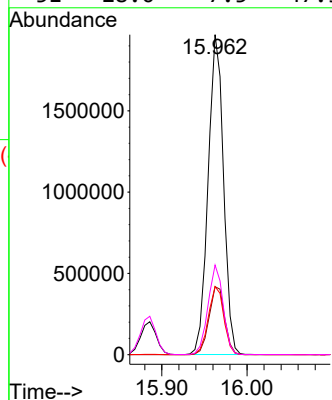
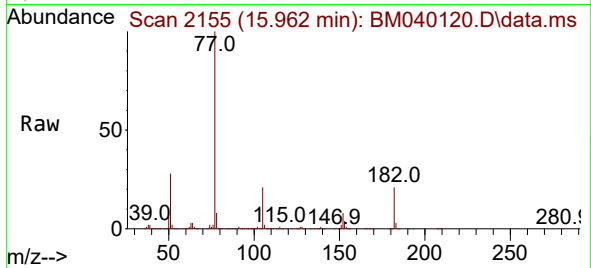




#63
Azobenzene
Concen: 50.339 ng
RT: 15.962 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

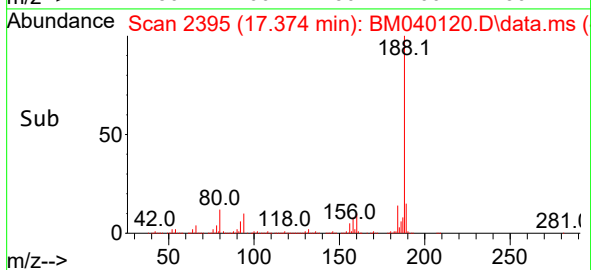
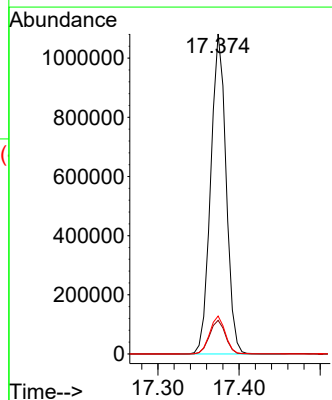
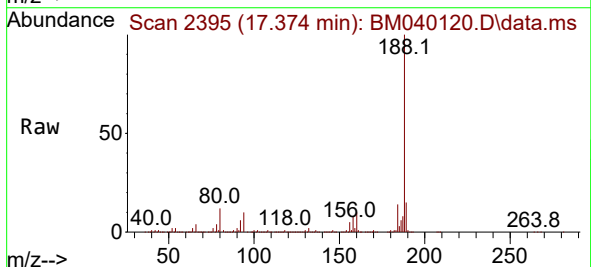
Instrument :
BNA_M
ClientSampleId :
PB153204BS

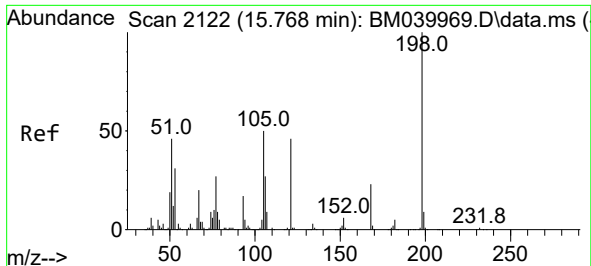
Tgt Ion: 77 Resp: 2469016
Ion Ratio Lower Upper
77 100
182 21.3 2.9 42.9
105 21.3 1.5 41.5
51 28.0 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:188 Resp: 1424786
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.8
80 11.8 8.2 12.4

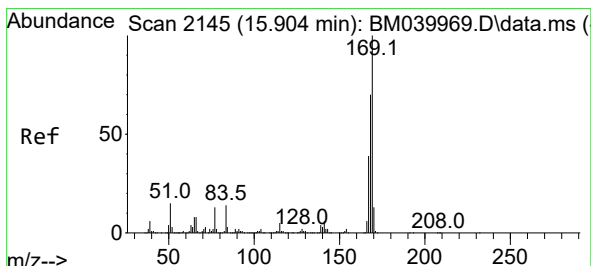
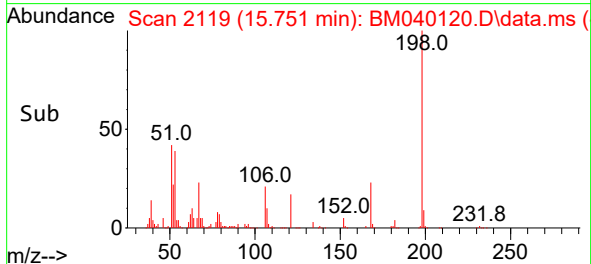
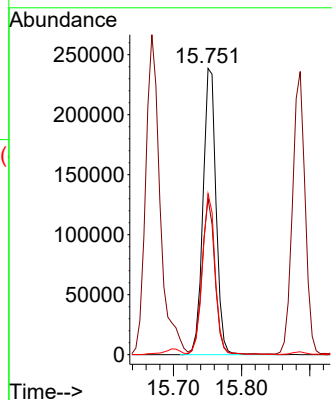
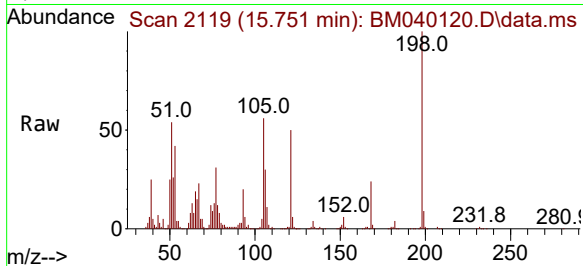




#65
4,6-Dinitro-2-methylphenol
Concen: 41.600 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

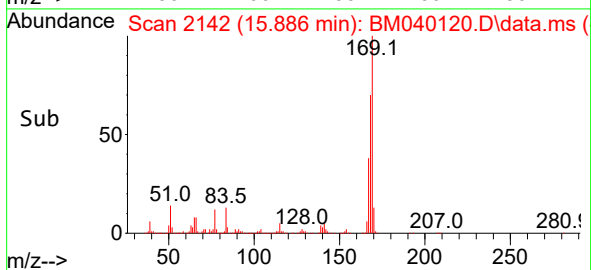
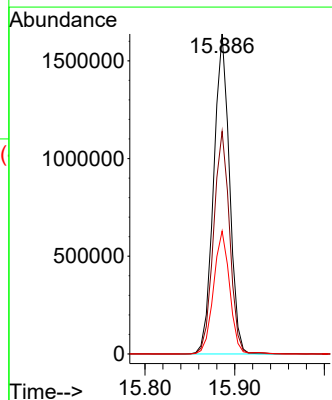
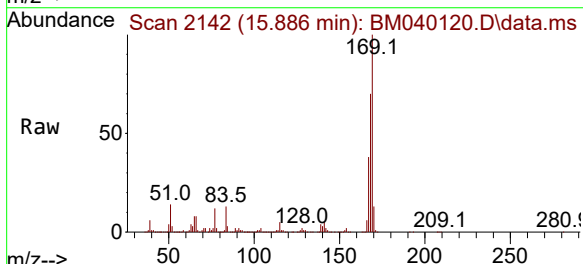
Instrument :
BNA_M
ClientSampleId :
PB153204BS

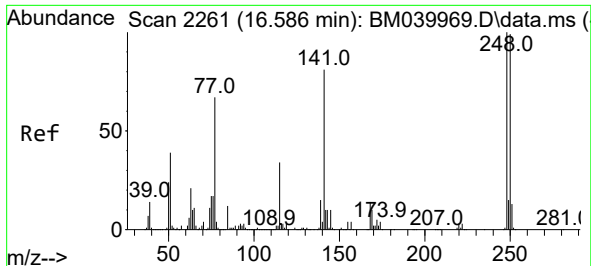
Tgt Ion:198 Resp: 316878
Ion Ratio Lower Upper
198 100
51 54.4 29.9 69.9
105 56.2 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 40.928 ng
RT: 15.886 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:169 Resp: 2005346
Ion Ratio Lower Upper
169 100
168 69.6 56.0 84.0
167 38.4 31.0 46.6

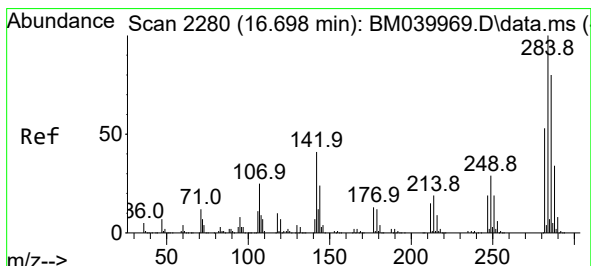
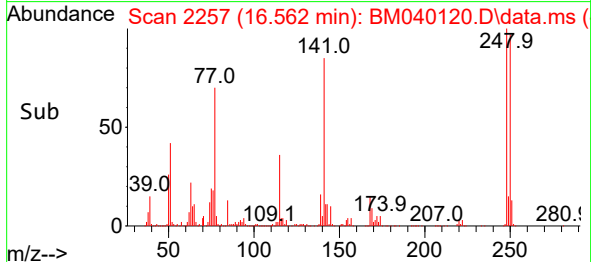
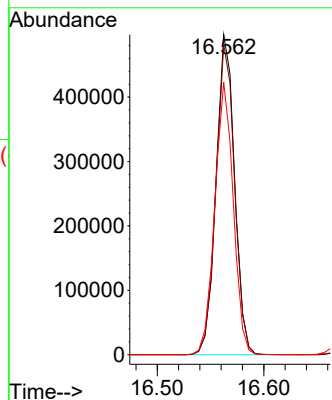
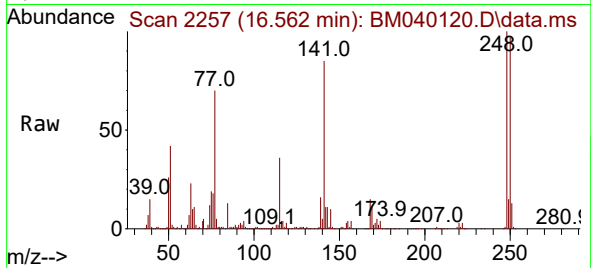




#67
4-Bromophenyl-phenylether
Concen: 38.151 ng
RT: 16.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

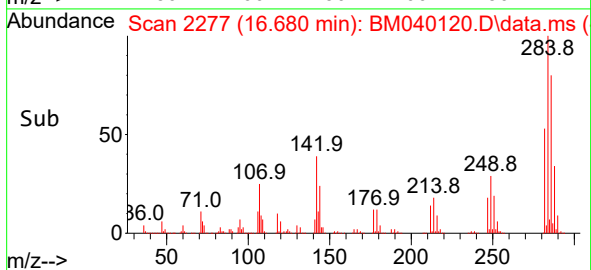
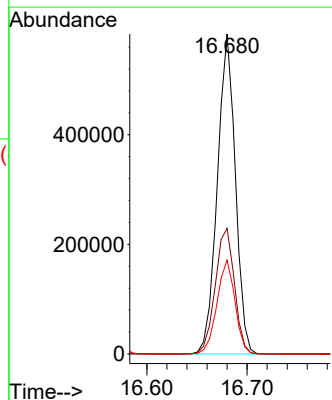
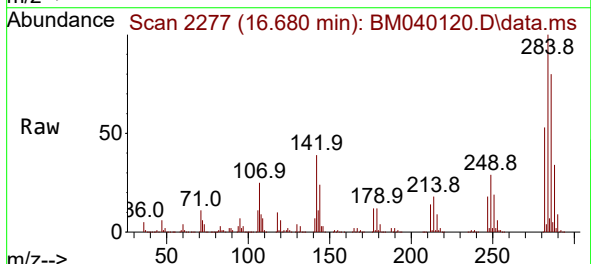
Instrument :
BNA_M
ClientSampleId :
PB153204BS

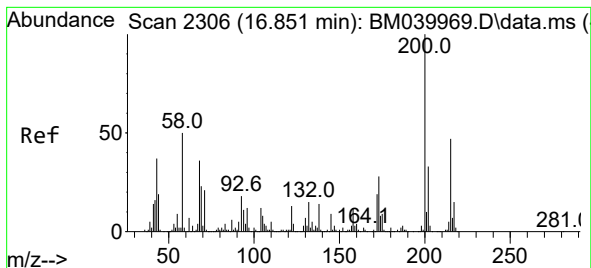
Tgt Ion:248 Resp: 600618
Ion Ratio Lower Upper
248 100
250 97.0 79.4 119.0
141 85.1 64.8 97.2



#68
Hexachlorobenzene
Concen: 40.495 ng
RT: 16.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:284 Resp: 728545
Ion Ratio Lower Upper
284 100
142 39.2 32.4 48.6
249 29.4 23.4 35.2





#69

Atrazine

Concen: 54.749 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

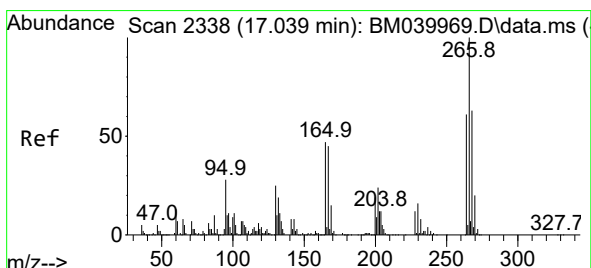
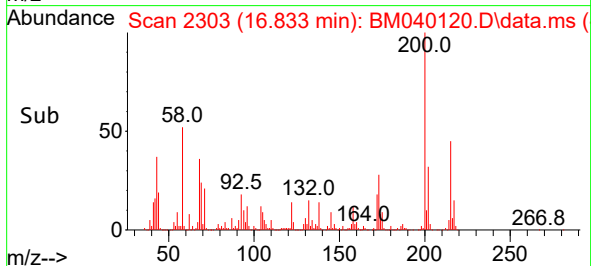
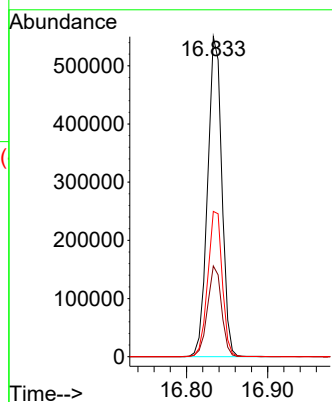
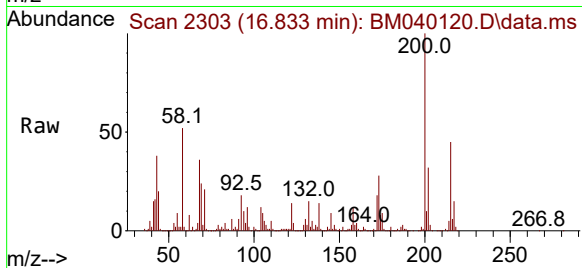
Tgt Ion:200 Resp: 667262

Ion Ratio Lower Upper

200 100

173 28.3 7.7 47.7

215 45.4 27.5 67.5



#70

Pentachlorophenol

Concen: 90.478 ng

RT: 17.021 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

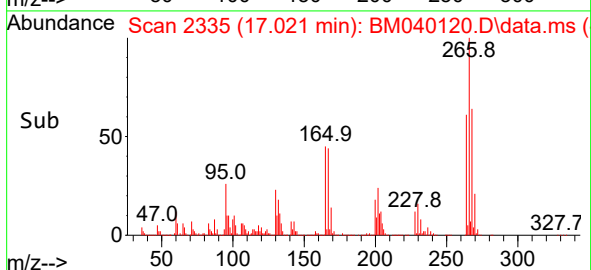
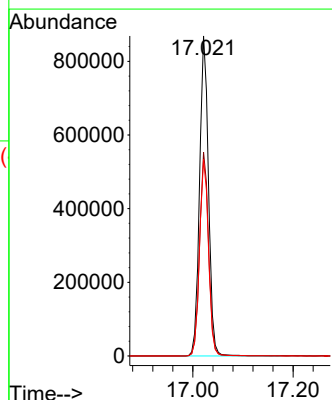
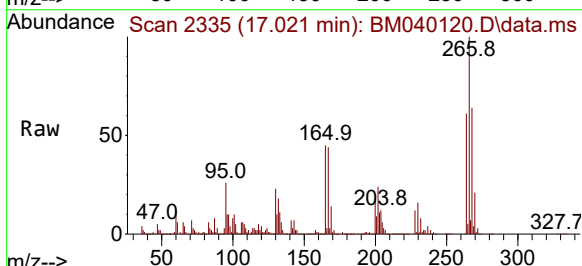
Tgt Ion:266 Resp: 1068578

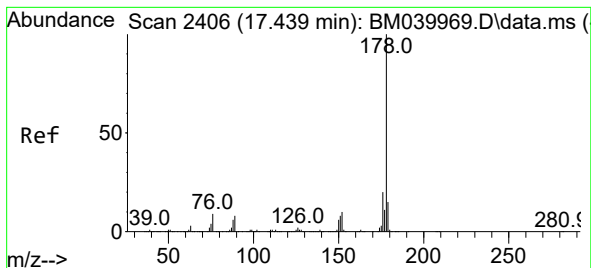
Ion Ratio Lower Upper

266 100

268 63.7 50.2 75.4

264 61.4 49.0 73.6





#71

Phenanthrene

Concen: 42.948 ng

RT: 17.415 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

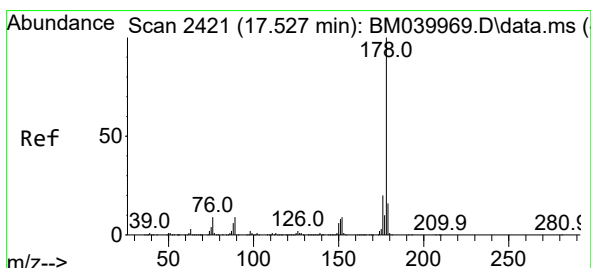
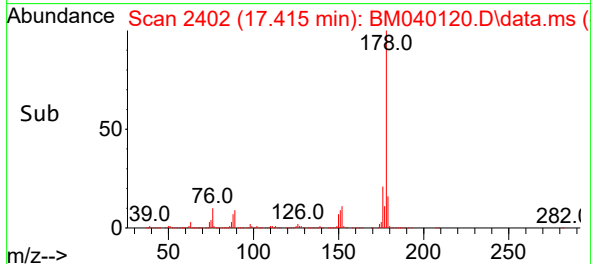
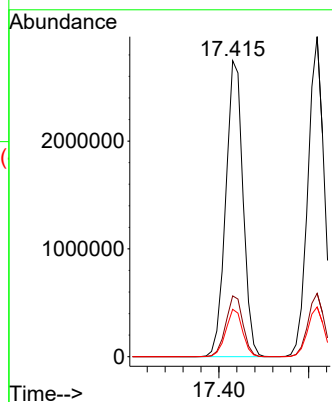
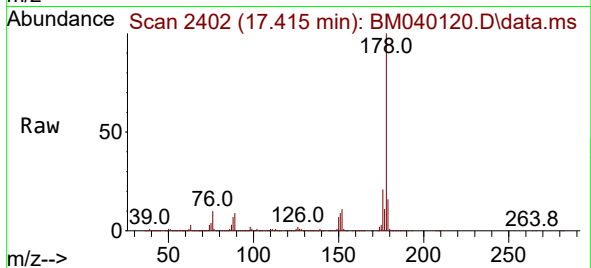
Tgt Ion:178 Resp: 3660185

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.2

179 16.0 12.2 18.4



#72

Anthracene

Concen: 44.723 ng

RT: 17.509 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

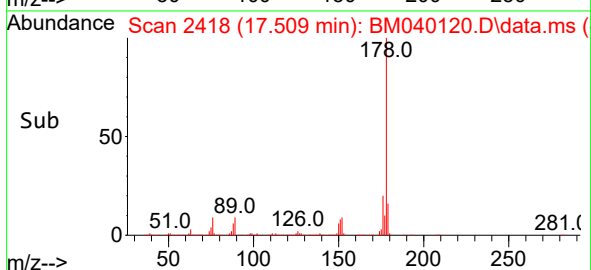
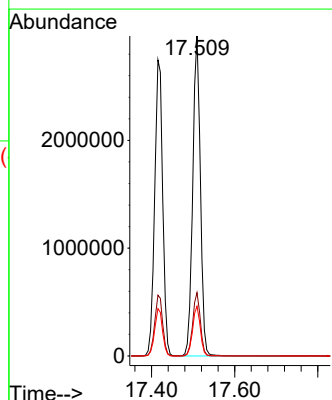
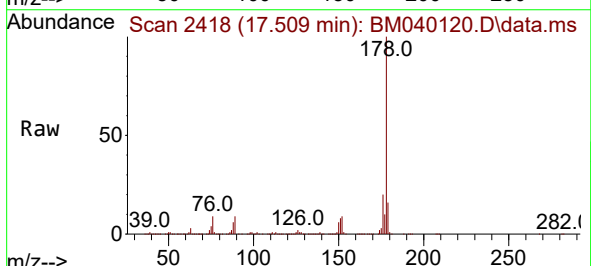
Tgt Ion:178 Resp: 3776309

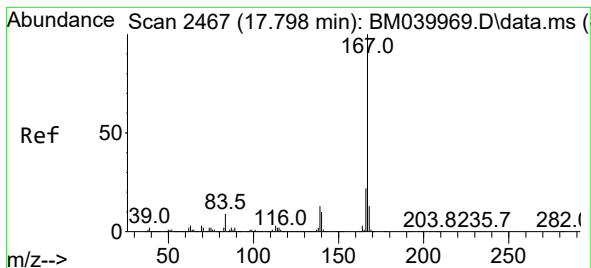
Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.6 12.5 18.7





#73

Carbazole

Concen: 48.698 ng

RT: 17.780 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

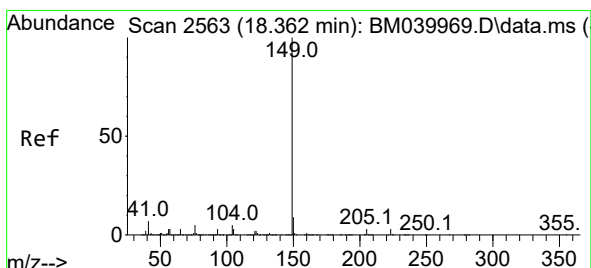
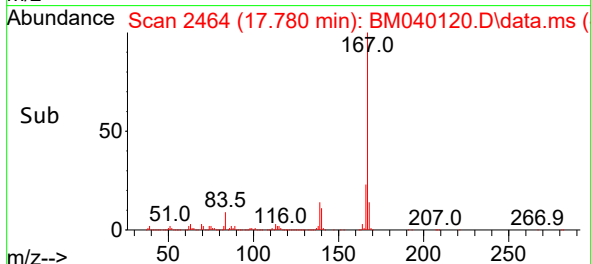
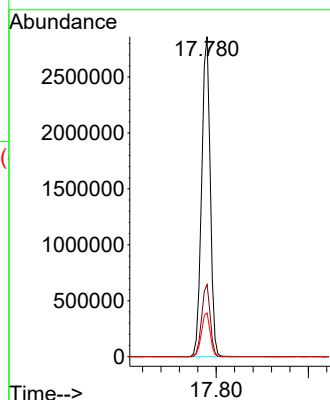
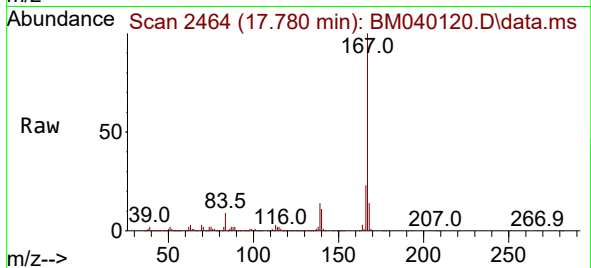
Tgt Ion:167 Resp: 3715032

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.8

139 13.7 10.8 16.2



#74

Di-n-butylphthalate

Concen: 42.831 ng

RT: 18.339 min Scan# 2559

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

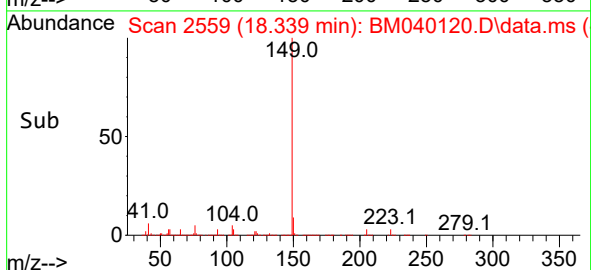
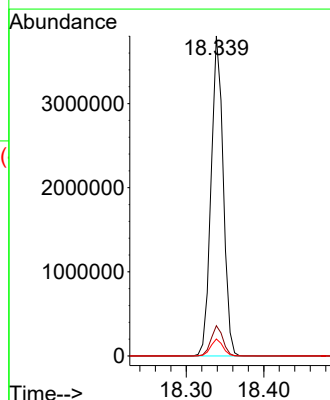
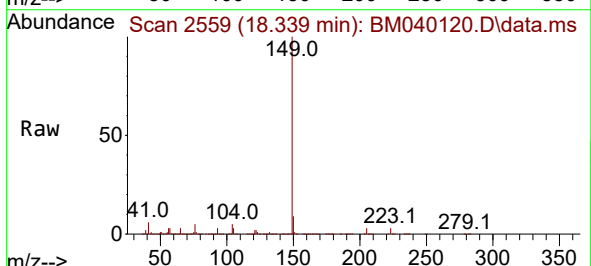
Tgt Ion:149 Resp: 4135652

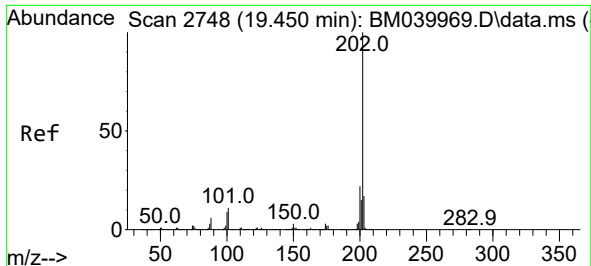
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.3 4.2 6.2

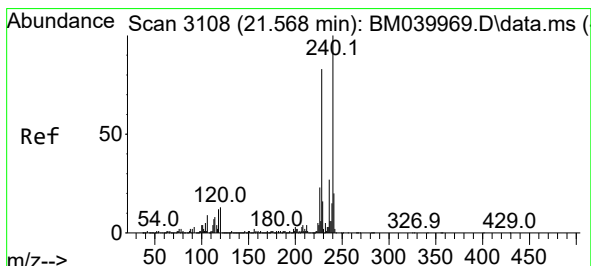
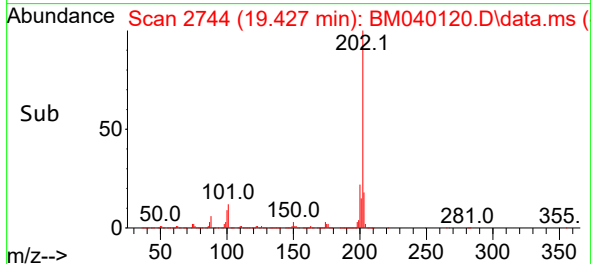
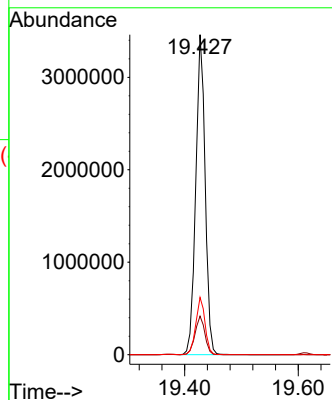
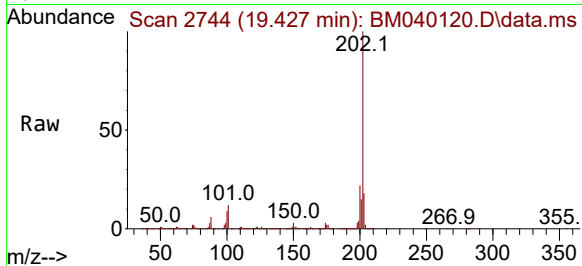




#75
Fluoranthene
Concen: 46.994 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

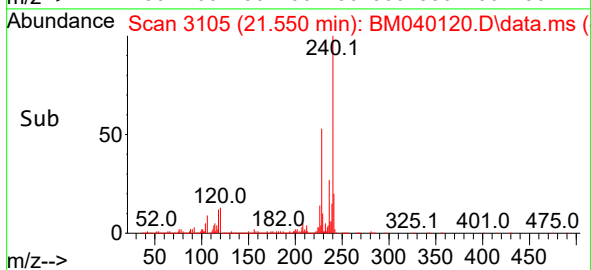
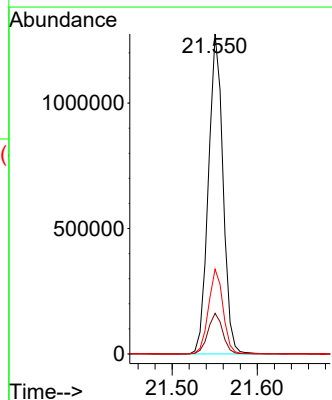
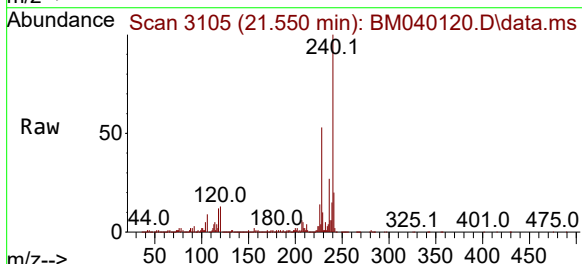
Instrument :
BNA_M
ClientSampleId :
PB153204BS

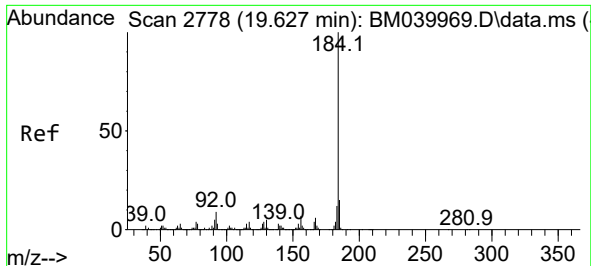
Tgt Ion:202 Resp: 3991638
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.3
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:240 Resp: 1520187
Ion Ratio Lower Upper
240 100
120 12.7 10.1 15.1
236 26.5 21.3 31.9

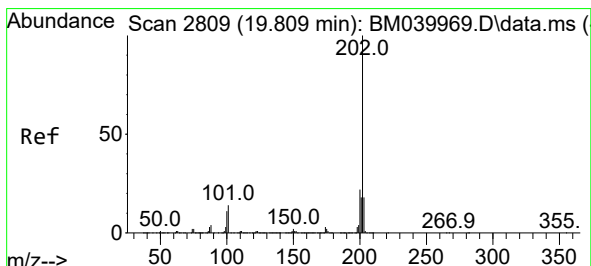
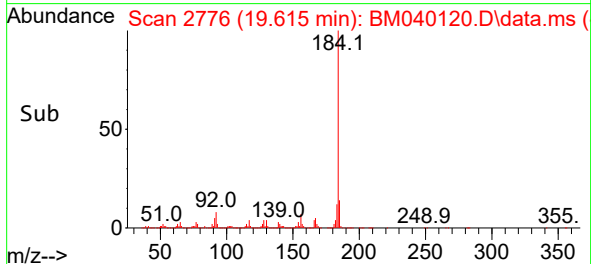
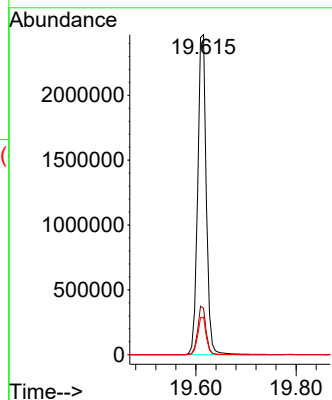
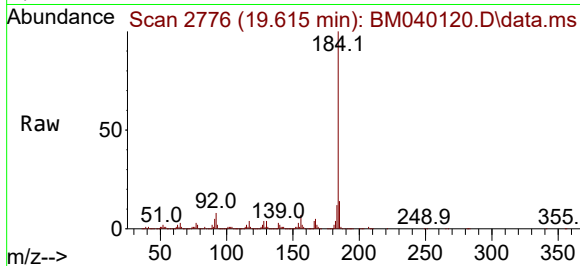




#77
Benzidine
Concen: 123.698 ng
RT: 19.615 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

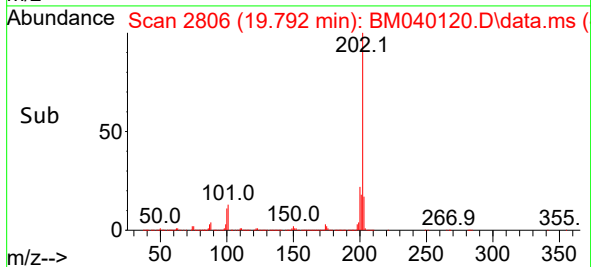
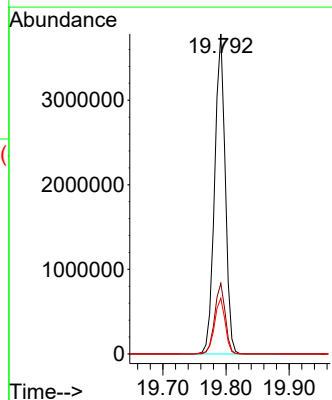
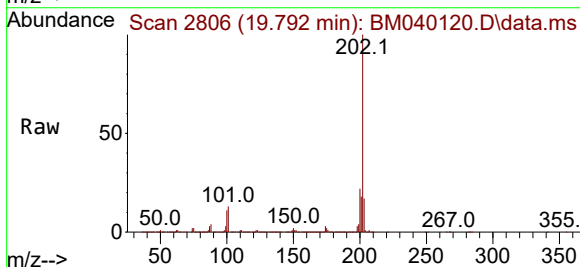
Instrument :
BNA_M
ClientSampleId :
PB153204BS

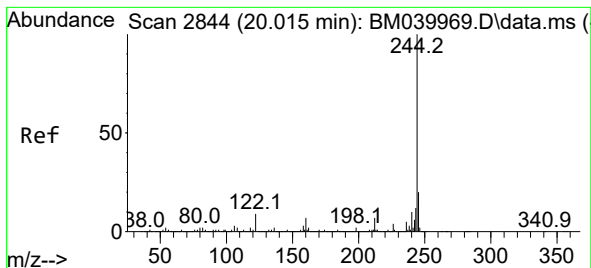
Tgt Ion:184 Resp: 2920126
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.8 9.2 13.8



#78
Pyrene
Concen: 39.454 ng
RT: 19.792 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:202 Resp: 4401117
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 86.485 ng

RT: 19.992 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

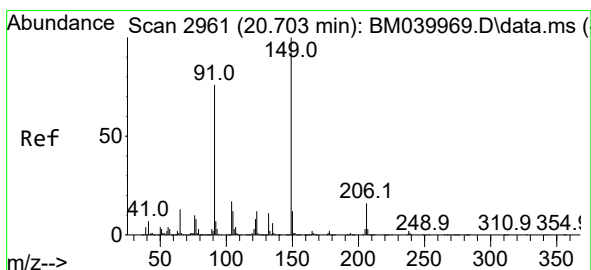
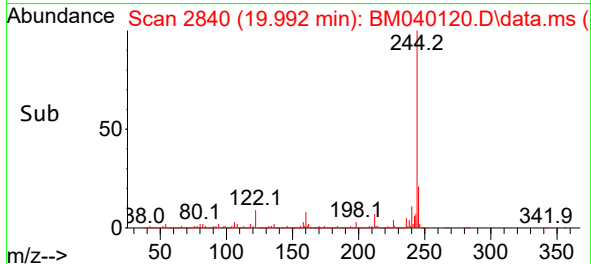
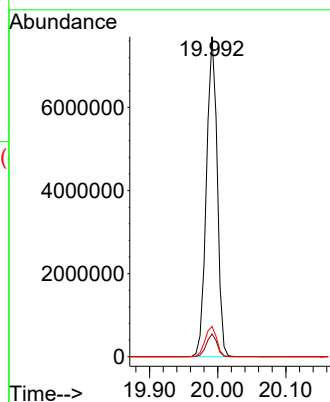
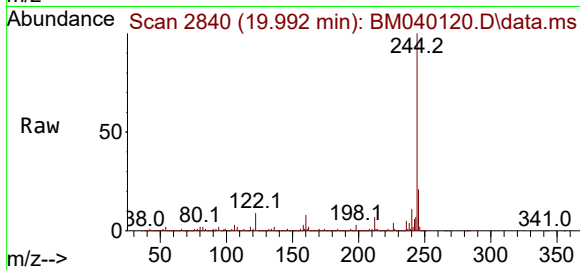
Tgt Ion:244 Resp: 8467409

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 9.4 7.1 10.7



#80

Butylbenzylphthalate

Concen: 42.136 ng

RT: 20.686 min Scan# 2958

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

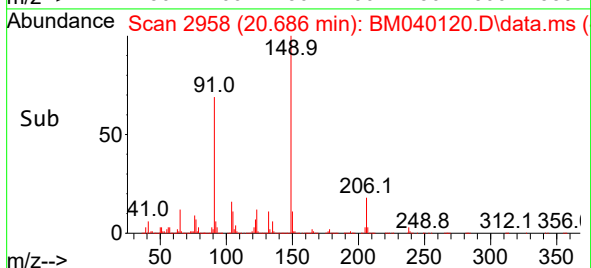
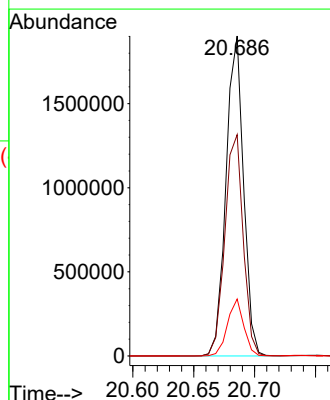
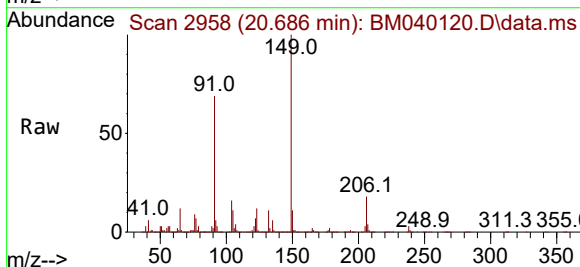
Tgt Ion:149 Resp: 1902800

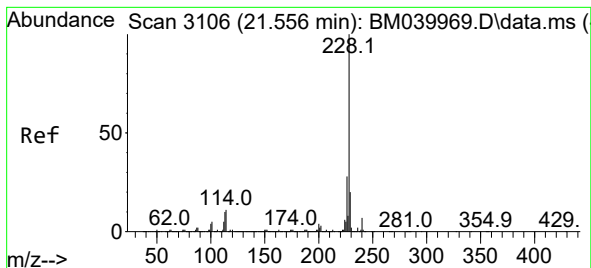
Ion Ratio Lower Upper

149 100

91 69.1 61.0 91.4

206 17.8 12.7 19.1





#81

Benzo(a)anthracene

Concen: 43.671 ng

RT: 21.533 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

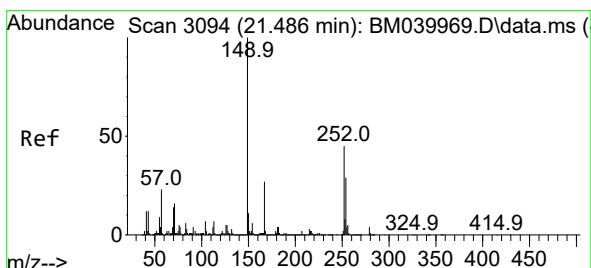
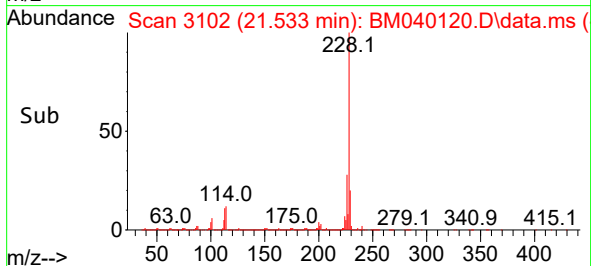
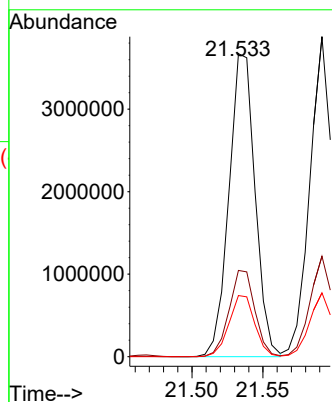
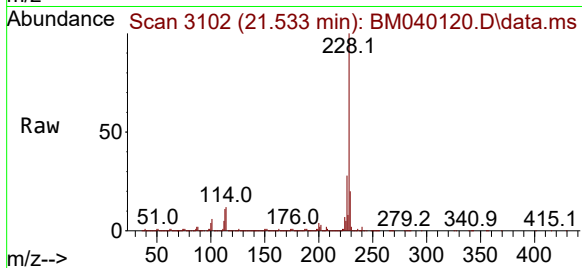
Tgt Ion:228 Resp: 4699690

Ion Ratio Lower Upper

228 100

226 28.5 22.2 33.4

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 44.756 ng

RT: 21.468 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

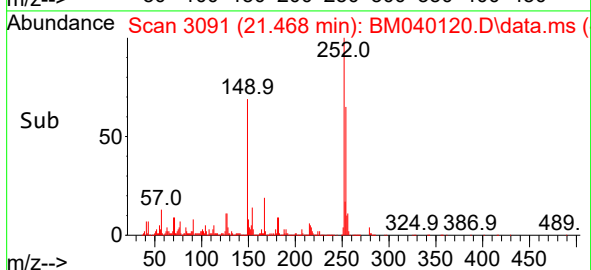
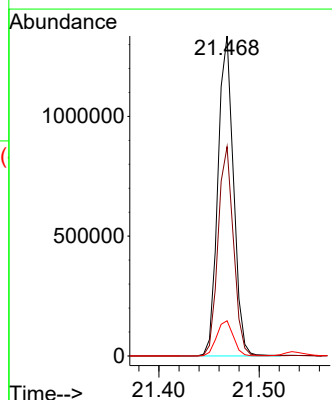
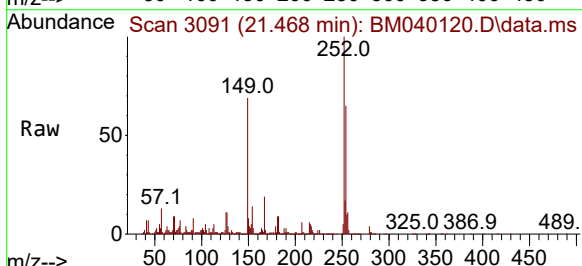
Tgt Ion:252 Resp: 1438759

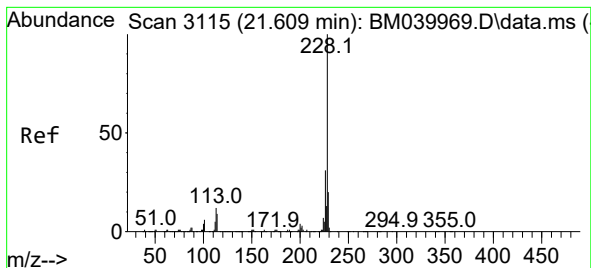
Ion Ratio Lower Upper

252 100

254 65.4 51.8 77.6

126 11.0 8.7 13.1





#83

Chrysene

Concen: 41.425 ng

RT: 21.592 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

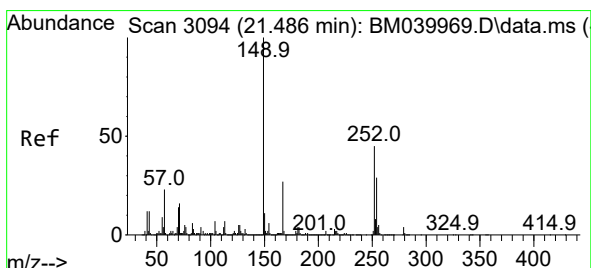
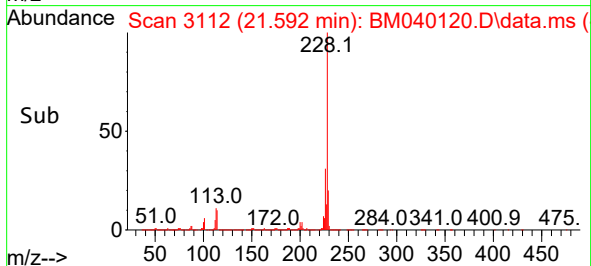
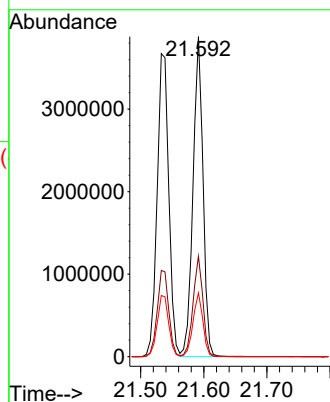
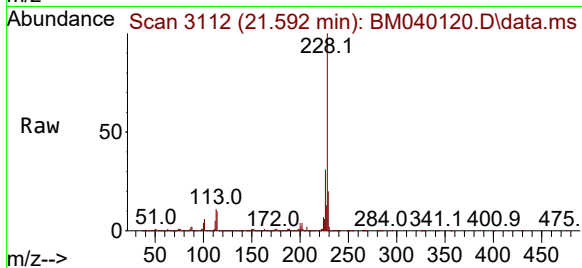
Tgt Ion:228 Resp: 4277418

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.886 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

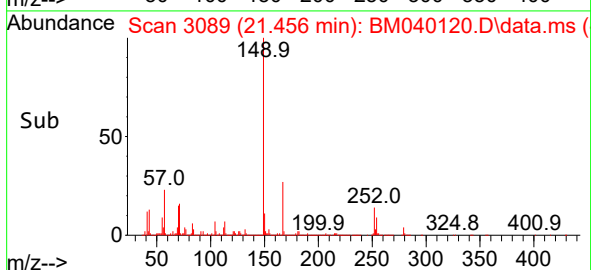
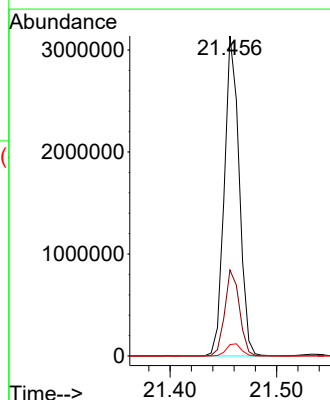
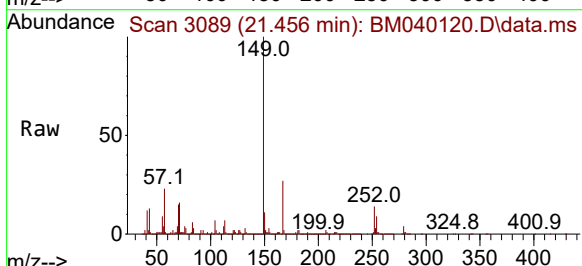
Tgt Ion:149 Resp: 3025495

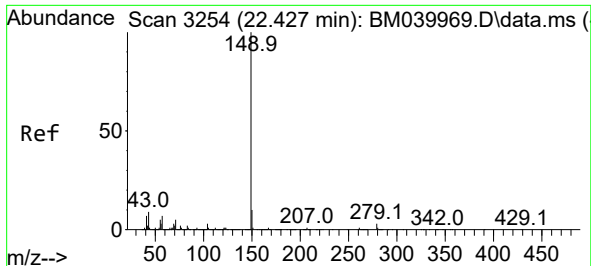
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.2

279 3.6 3.3 4.9

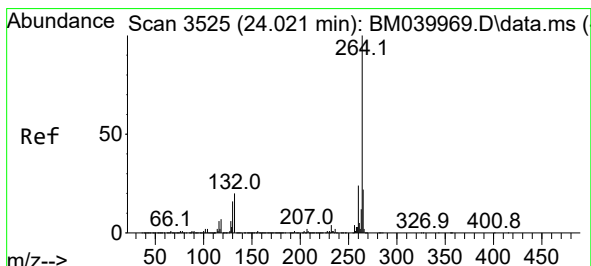
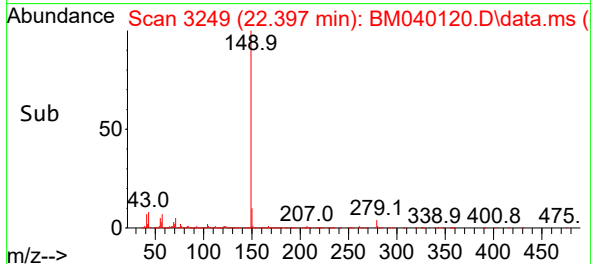
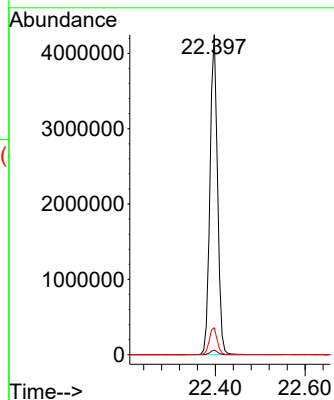
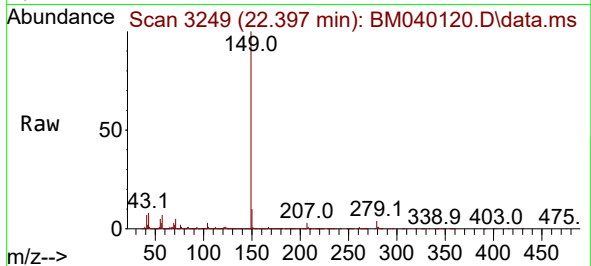




#85
Di-n-octyl phthalate
Concen: 44.389 ng
RT: 22.397 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

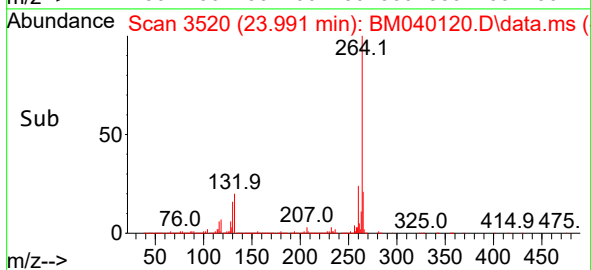
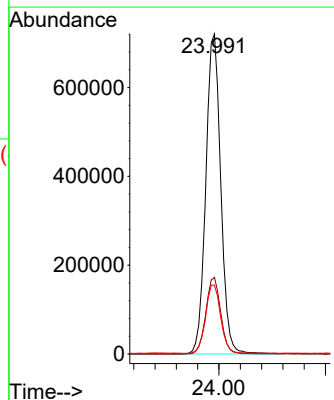
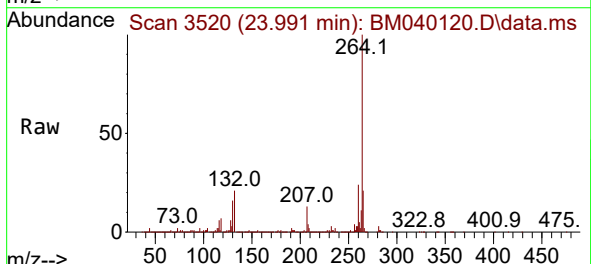
Instrument :
BNA_M
ClientSampleId :
PB153204BS

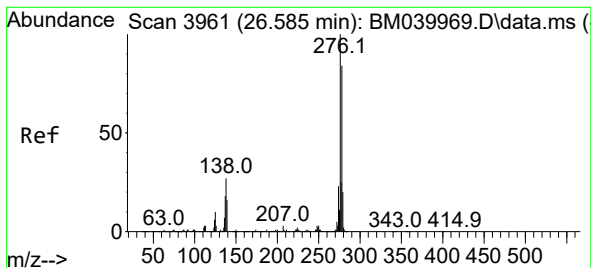
Tgt Ion:149 Resp: 4917539
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 8.8 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.991 min Scan# 3520
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:264 Resp: 1400927
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.476 ng

RT: 26.544 min Scan# 3954

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

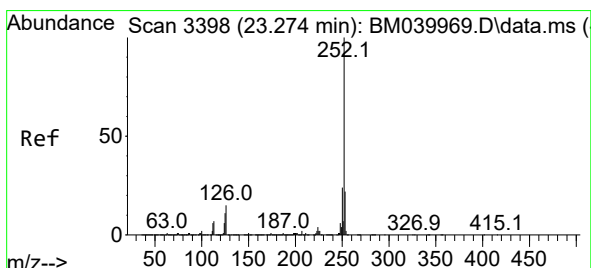
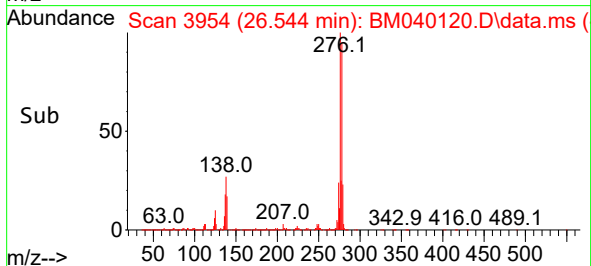
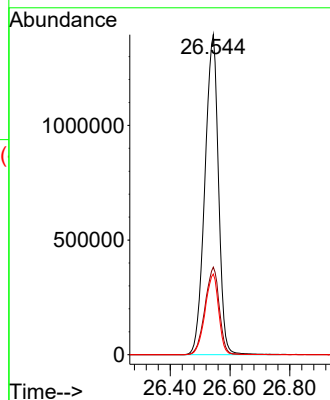
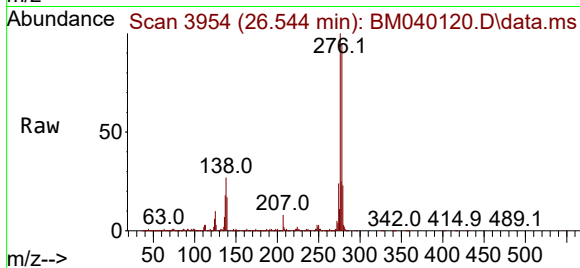
Tgt Ion:276 Resp: 4397947

Ion Ratio Lower Upper

276 100

138 28.8 23.2 34.8

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.404 ng

RT: 23.244 min Scan# 3393

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

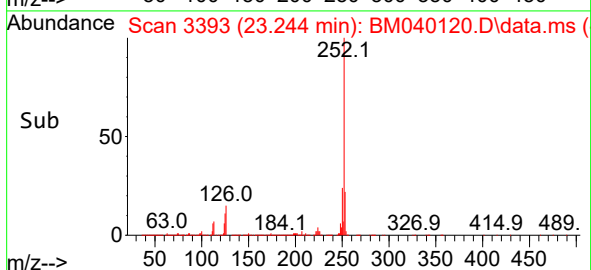
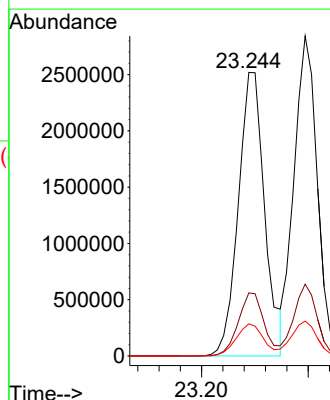
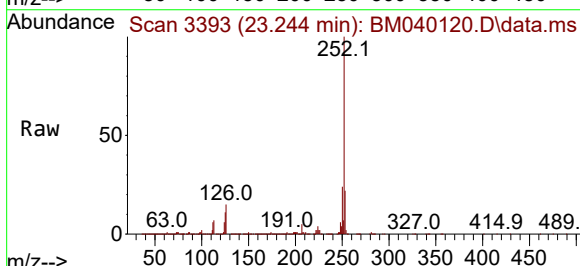
Tgt Ion:252 Resp: 4341503

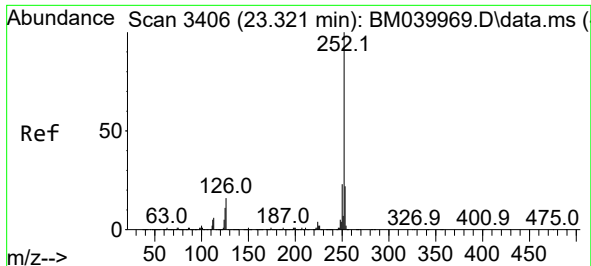
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 11.4 8.9 13.3

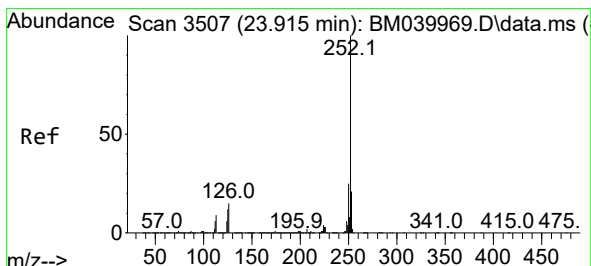
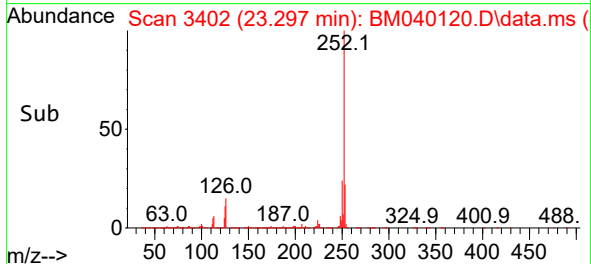
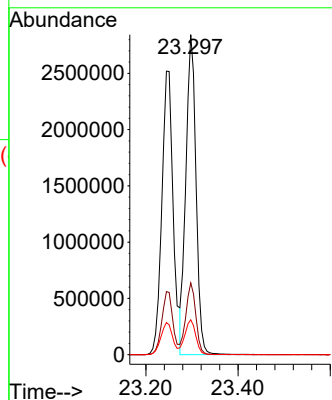
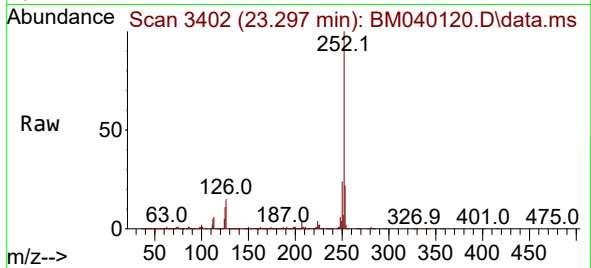




#89
Benzo(k)fluoranthene
Concen: 44.180 ng
RT: 23.297 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

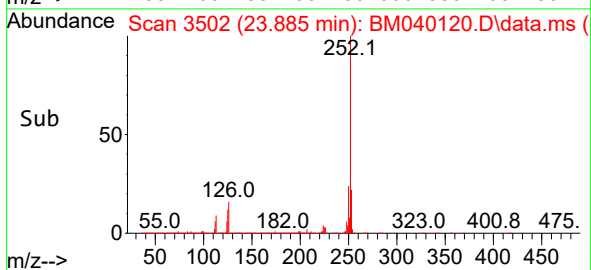
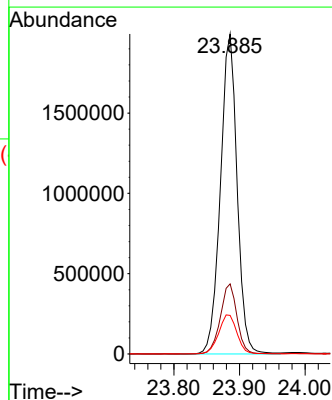
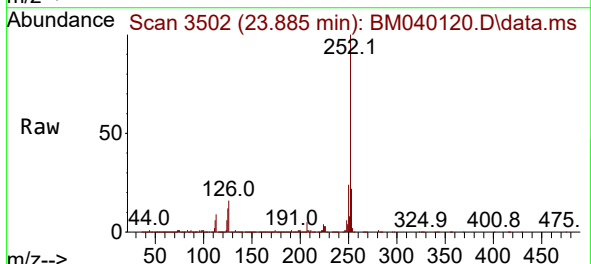
Instrument :
BNA_M
ClientSampleId :
PB153204BS

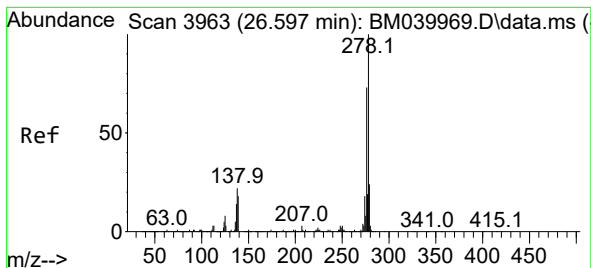
Tgt Ion:252 Resp: 4333081
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.9 9.0 13.4



#90
Benzo(a)pyrene
Concen: 40.740 ng
RT: 23.885 min Scan# 3502
Delta R.T. -0.000 min
Lab File: BM040120.D
Acq: 07 Jun 2023 01:03

Tgt Ion:252 Resp: 3504350
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 12.1 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 39.979 ng

RT: 26.550 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Instrument :

BNA_M

ClientSampleId :

PB153204BS

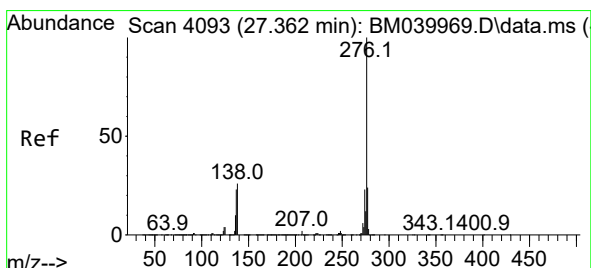
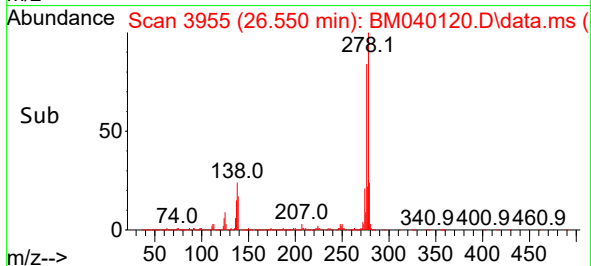
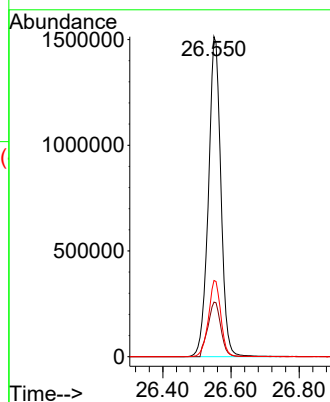
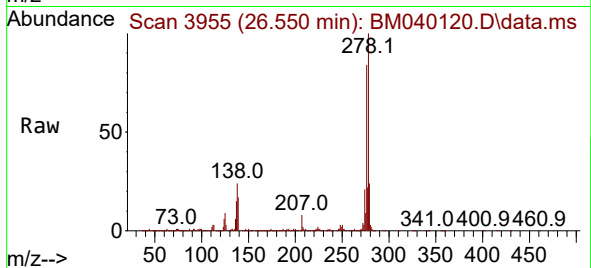
Tgt Ion:278 Resp: 3845279

Ion Ratio Lower Upper

278 100

139 17.1 14.0 21.0

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 36.372 ng

RT: 27.321 min Scan# 4086

Delta R.T. -0.000 min

Lab File: BM040120.D

Acq: 07 Jun 2023 01:03

Tgt Ion:276 Resp: 3091911

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 26.3 20.6 31.0

