

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038681.D
 Acq On : 03 Feb 2023 15:20
 Operator : CG/JU
 Sample : PB150629BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150629BSD

Quant Time: Feb 04 05:20:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 05:17:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	75072	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	261692	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	191794	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	372217	20.000	ng	0.00
76) Chrysene-d12	21.486	240	339956	20.000	ng	0.00
86) Perylene-d12	23.885	264	409920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	348763	91.005	ng	0.00
7) Phenol-d6	7.104	99	389595	89.134	ng	0.00
23) Nitrobenzene-d5	9.104	82	376862	81.798	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	214943	82.451	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1261060	83.707	ng	0.00
79) Terphenyl-d14	19.927	244	1626085	84.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	49925	29.550	ng	95
3) Pyridine	3.751	79	120337	29.953	ng	99
4) n-Nitrosodimethylamine	3.669	42	68880	37.978	ng	94
6) Aniline	7.257	93	169614	31.109	ng	96
8) 2-Chlorophenol	7.492	128	186623	44.628	ng	98
9) Benzaldehyde	7.069	77	40663	21.107	ng	94
10) Phenol	7.134	94	198763	45.013	ng	98
11) bis(2-Chloroethyl)ether	7.357	93	152953	42.772	ng	99
12) 1,3-Dichlorobenzene	7.810	146	235537	44.084	ng	99
13) 1,4-Dichlorobenzene	7.963	146	240209	44.548	ng	97
14) 1,2-Dichlorobenzene	8.281	146	232937	45.093	ng	99
15) Benzyl Alcohol	8.181	79	138878	43.169	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	138087	40.767	ng	99
17) 2-Methylphenol	8.386	107	142292	42.011	ng	97
18) Hexachloroethane	9.004	117	78645	45.162	ng	96
19) n-Nitroso-di-n-propyla...	8.745	70	112275	42.615	ng	98
20) 3+4-Methylphenols	8.716	107	186479	41.295	ng	97
22) Acetophenone	8.763	105	249722	40.014	ng	98
24) Nitrobenzene	9.145	77	182247	38.972	ng	95
25) Isophorone	9.669	82	313610	38.857	ng	99
26) 2-Nitrophenol	9.857	139	111183	42.727	ng	98
27) 2,4-Dimethylphenol	9.916	122	155604	41.446	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	195552	39.647	ng	99
29) 2,4-Dichlorophenol	10.392	162	227109	42.578	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	236127	41.617	ng	99
31) Naphthalene	10.786	128	546011	40.659	ng	98
32) Benzoic acid	10.080	122	112761	37.103	ng	92
33) 4-Chloroaniline	10.910	127	138980	23.615	ng	97
34) Hexachlorobutadiene	11.057	225	120472	42.386	ng	96
35) Caprolactam	11.710	113	44631	38.852	ng	95
36) 4-Chloro-3-methylphenol	12.039	107	158917	40.292	ng	97
37) 2-Methylnaphthalene	12.392	142	428926	39.525	ng	99
38) 1-Methylnaphthalene	12.616	142	404827	39.589	ng	100
40) 1,2,4,5-Tetrachloroben...	12.763	216	204880	41.046	ng	99
41) Hexachlorocyclopentadiene	12.727	237	278931	90.053	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	163201	41.618	ng	98

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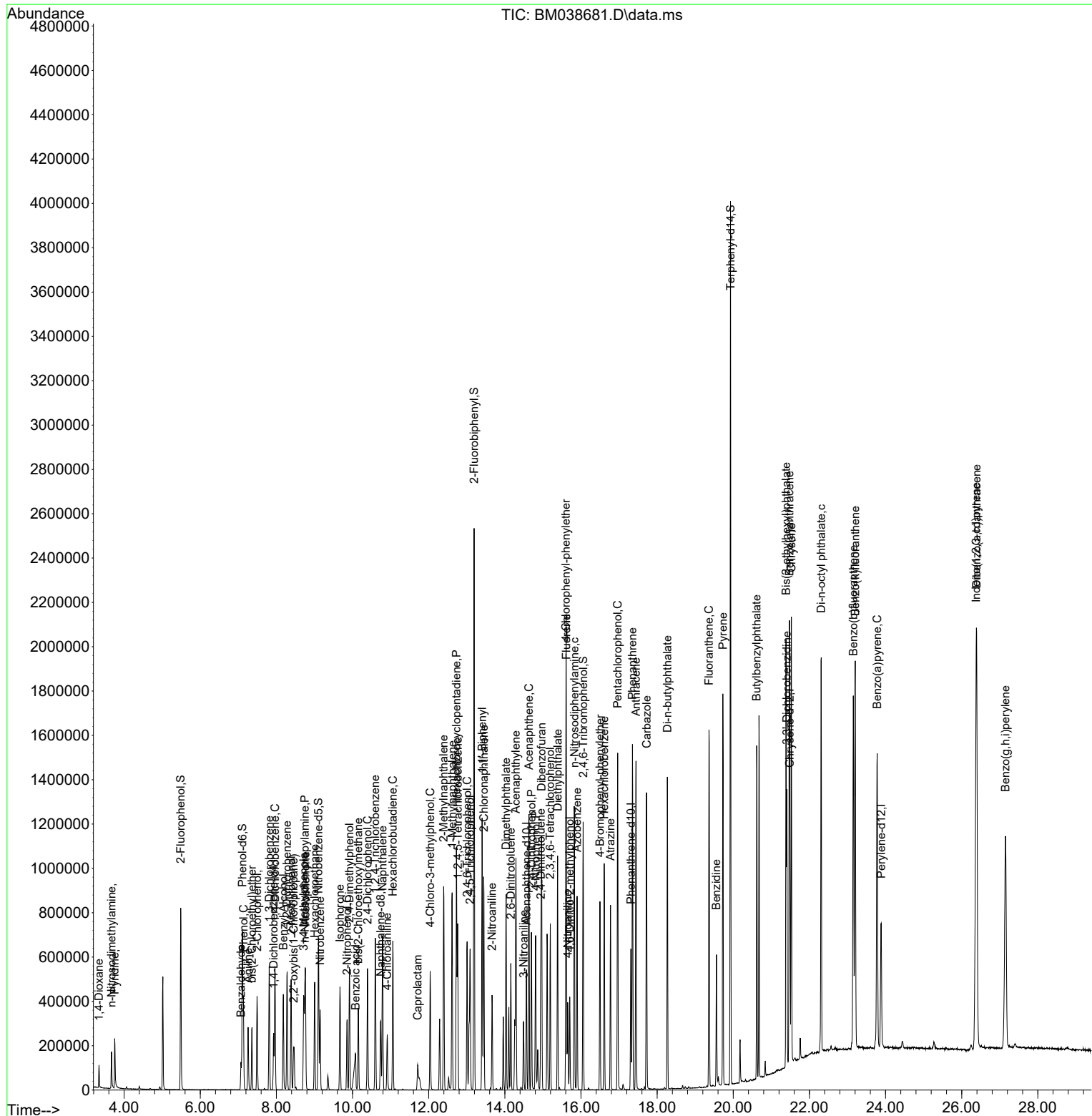
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	173773	37.657	ng	97
46) 1,1'-Biphenyl	13.404	154	621588	40.913	ng	99
47) 2-Chloronaphthalene	13.445	162	499785	41.805	ng	99
48) 2-Nitroaniline	13.663	65	95812	36.077	ng	100
49) Acenaphthylene	14.292	152	746667	39.653	ng	99
50) Dimethylphthalate	14.033	163	600869	38.391	ng	99
51) 2,6-Dinitrotoluene	14.157	165	126732	39.839	ng	99
52) Acenaphthene	14.633	154	448589	39.898	ng	99
53) 3-Nitroaniline	14.492	138	92665	28.517	ng	96
54) 2,4-Dinitrophenol	14.698	184	164678	79.532	ng	95
55) Dibenzofuran	14.962	168	746133	38.537	ng	99
56) 4-Nitrophenol	14.810	139	203140	79.622	ng	95
57) 2,4-Dinitrotoluene	14.945	165	175345	37.717	ng	93
58) Fluorene	15.615	166	609033	39.755	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	125651	39.123	ng	99
60) Diethylphthalate	15.386	149	575572	38.818	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	252627	38.871	ng	99
62) 4-Nitroaniline	15.651	138	106920	31.930	ng	97
63) Azobenzene	15.898	77	422068	36.998	ng	98
65) 4,6-Dinitro-2-methylph...	15.704	198	93277	39.808	ng	99
66) n-Nitrosodiphenylamine	15.827	169	504340	41.497	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	149330	41.550	ng	98
68) Hexachlorobenzene	16.609	284	193230	43.992	ng	96
69) Atrazine	16.774	200	156510	44.431	ng	97
70) Pentachlorophenol	16.962	266	237238	74.093	ng	99
71) Phenanthrene	17.351	178	918135	41.542	ng	99
72) Anthracene	17.445	178	920763	40.724	ng	100
73) Carbazole	17.721	167	874402	41.467	ng	100
74) Di-n-butylphthalate	18.268	149	1020088	42.819	ng	99
75) Fluoranthene	19.362	202	943789	40.672	ng	100
77) Benzidine	19.556	184	364368	36.474	ng	99
78) Pyrene	19.727	202	997489	38.111	ng	100
80) Butylbenzylphthalate	20.615	149	483367	37.538	ng	99
81) Benzo(a)anthracene	21.474	228	937637	38.991	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	341700	41.302	ng	100
83) Chrysene	21.527	228	884934	38.194	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	746788	39.656	ng	98
85) Di-n-octyl phthalate	22.309	149	1339502	43.479	ng	99
87) Indeno(1,2,3-cd)pyrene	26.379	276	1451680	44.960	ng	100
88) Benzo(b)fluoranthene	23.156	252	1180029	48.061	ng	99
89) Benzo(k)fluoranthene	23.203	252	1113185	44.648	ng	100
90) Benzo(a)pyrene	23.780	252	1013594	41.745	ng	99
91) Dibenzo(a,h)anthracene	26.391	278	1267485	46.659	ng	99
92) Benzo(g,h,i)perylene	27.150	276	1255504	45.722	ng	99

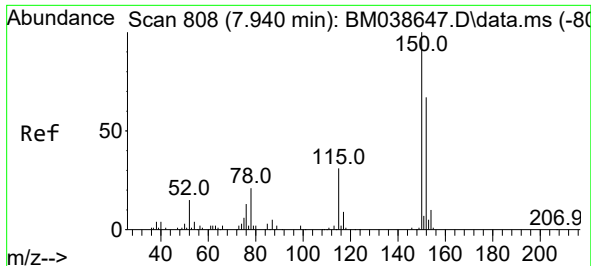
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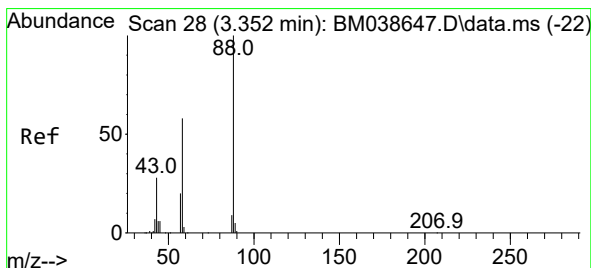
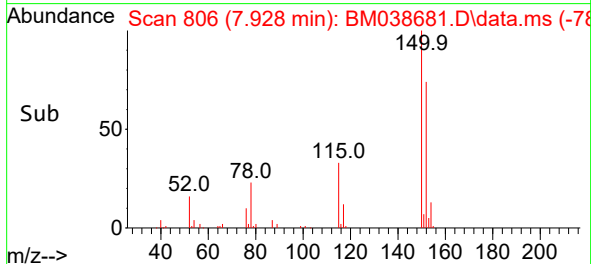
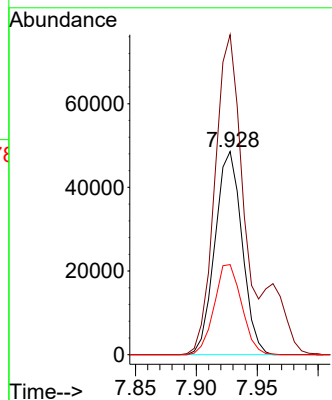
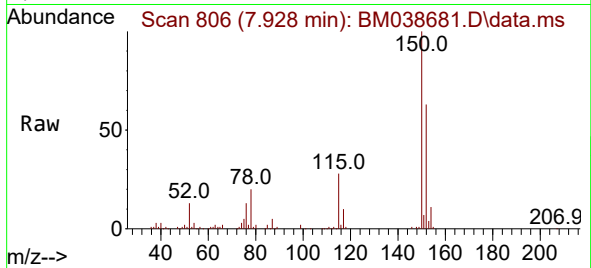




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM038681.D
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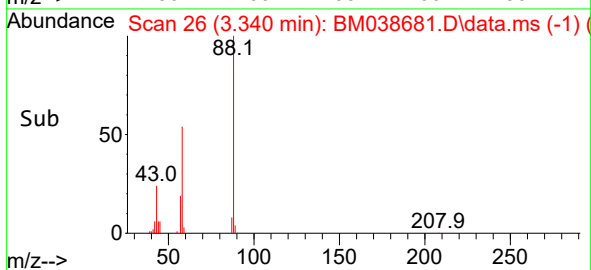
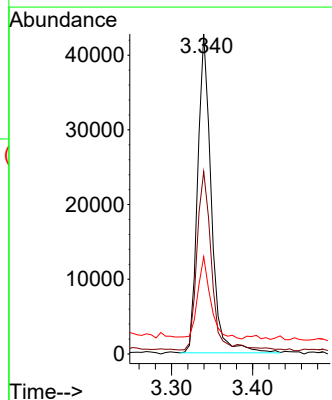
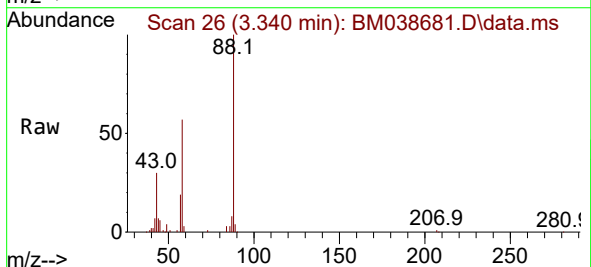
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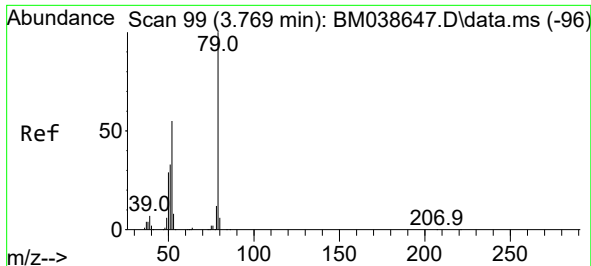
Tgt Ion:152 Resp: 75072
Ion Ratio Lower Upper
152 100
150 157.5 119.5 179.3
115 44.3 37.6 56.4



#2
1,4-Dioxane
Concen: 29.550 ng
RT: 3.340 min Scan# 26
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion: 88 Resp: 49925
Ion Ratio Lower Upper
88 100
58 61.3 47.0 70.4
43 24.5 22.6 33.8

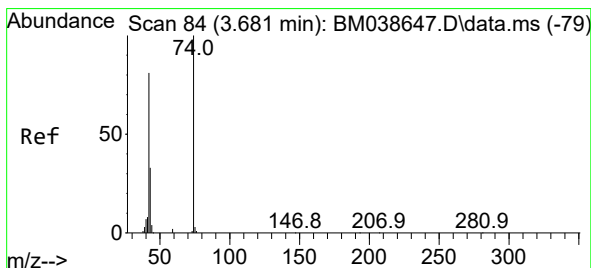
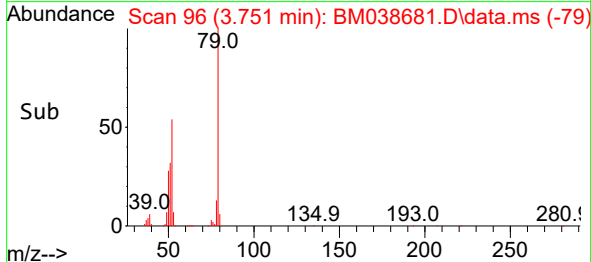
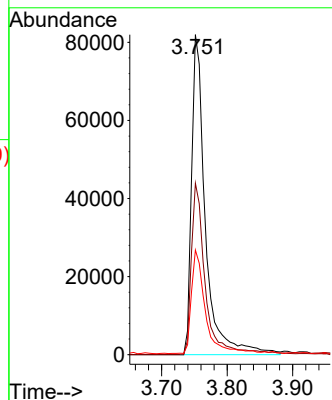
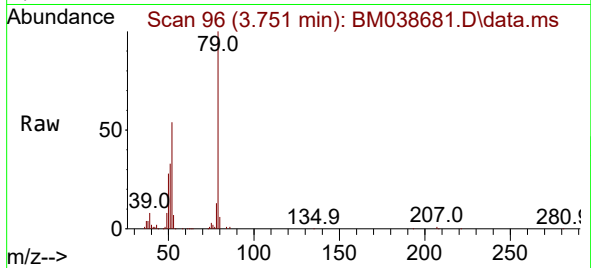




#3
Pyridine
Concen: 29.953 ng
RT: 3.751 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

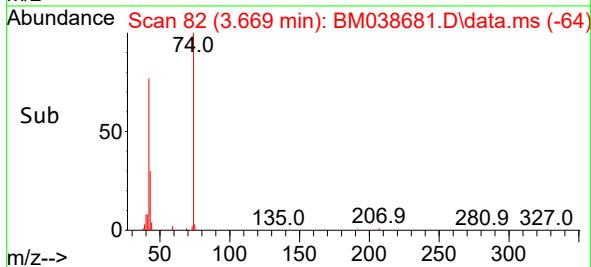
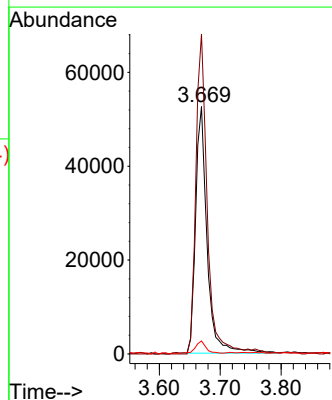
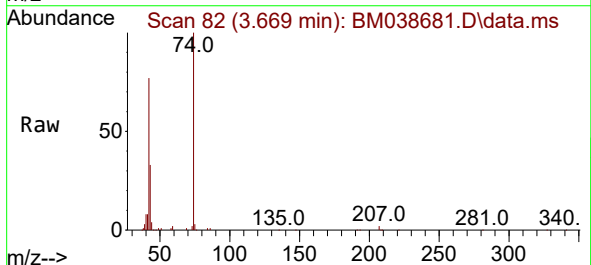
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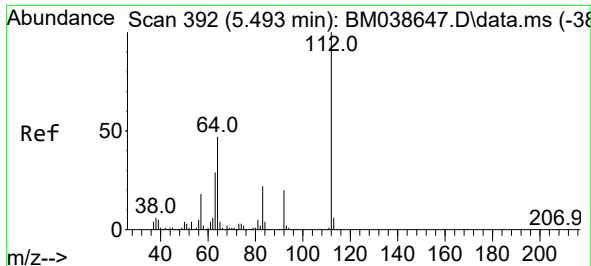
Tgt Ion: 79 Resp: 120337
Ion Ratio Lower Upper
79 100
52 53.6 43.7 65.5
51 32.7 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 37.978 ng
RT: 3.669 min Scan# 82
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion: 42 Resp: 68880
Ion Ratio Lower Upper
42 100
74 129.4 98.4 147.6
44 5.2 3.5 5.3

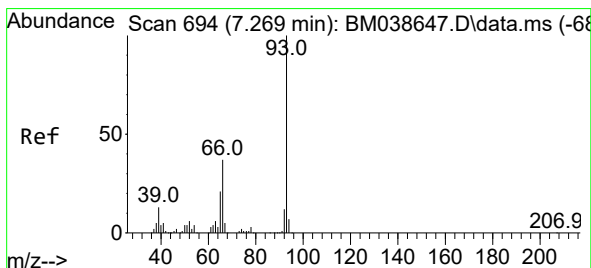
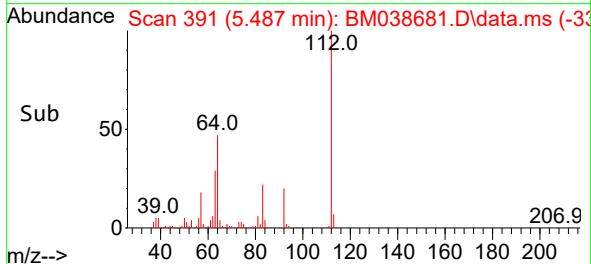
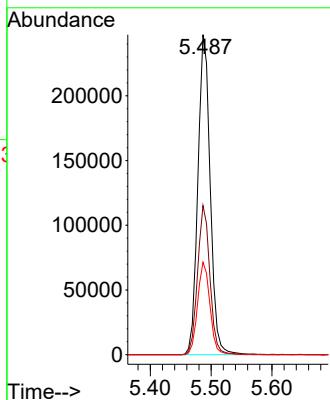
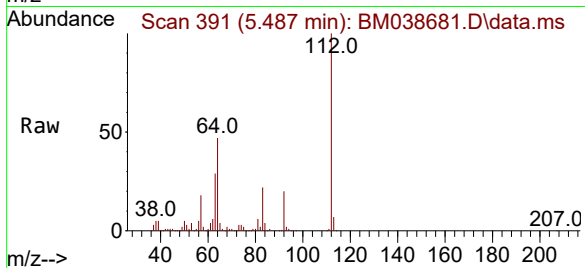




#5
2-Fluorophenol
Concen: 91.005 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

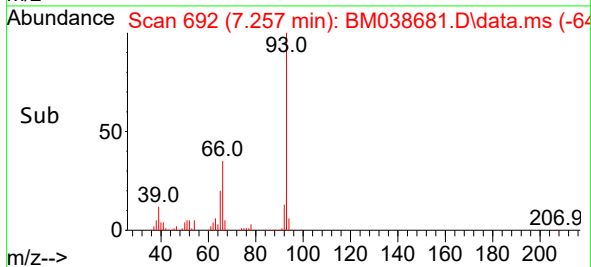
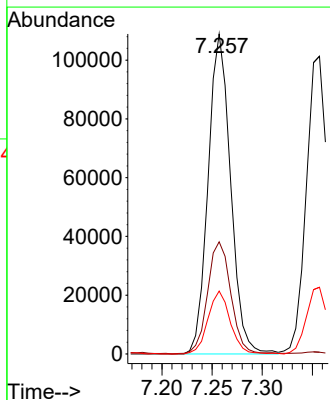
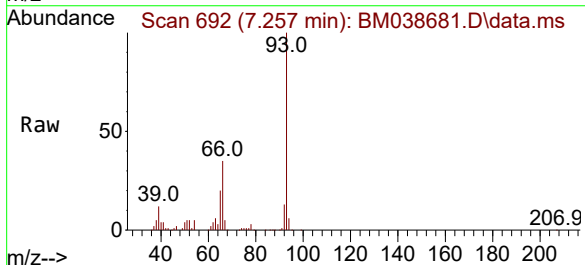
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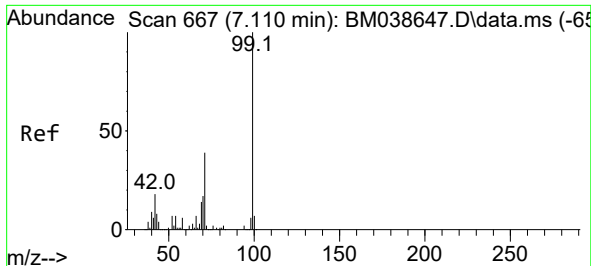
Tgt Ion:112 Resp: 348763
Ion Ratio Lower Upper
112 100
64 46.6 37.9 56.9
63 28.9 23.3 34.9



#6
Aniline
Concen: 31.109 ng
RT: 7.257 min Scan# 692
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion: 93 Resp: 169614
Ion Ratio Lower Upper
93 100
66 35.1 29.8 44.8
65 19.6 16.9 25.3

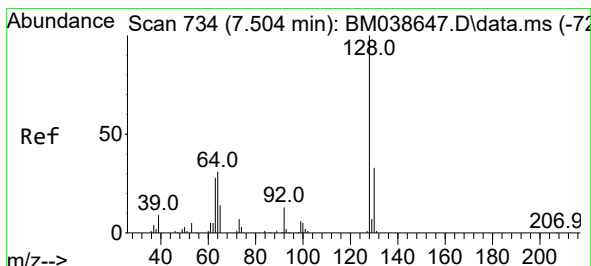
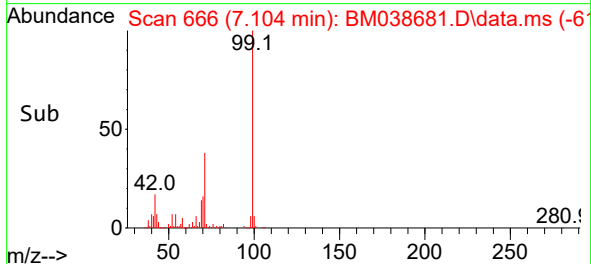
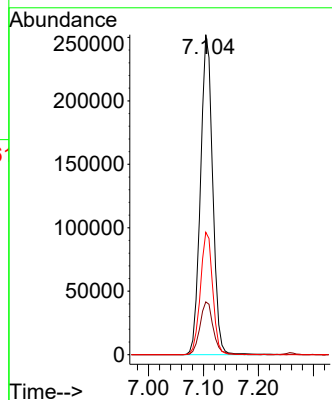
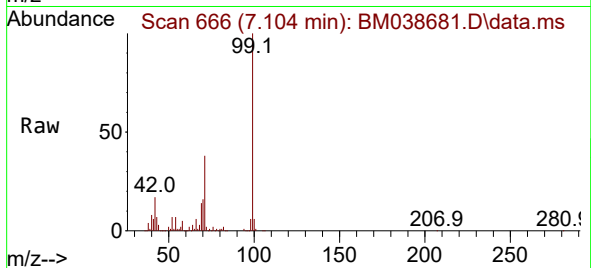




#7
Phenol-d6
Concen: 89.134 ng
RT: 7.104 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038681.D
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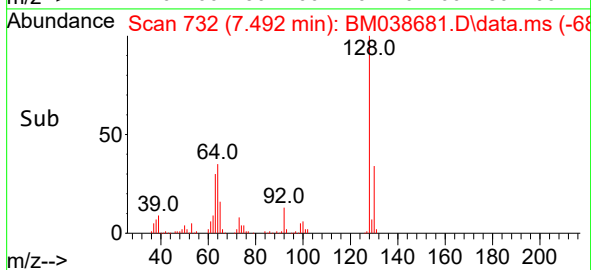
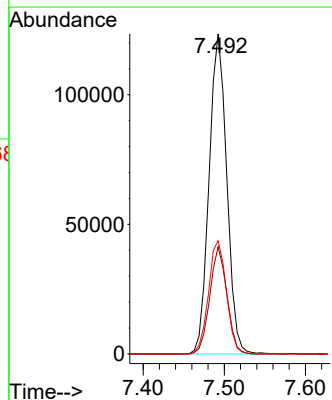
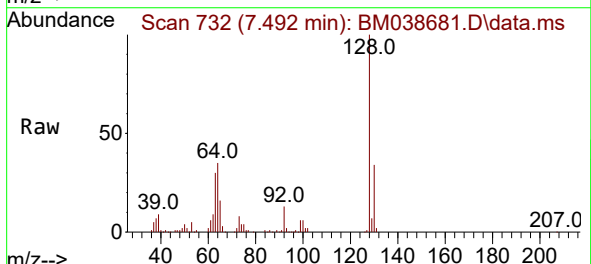
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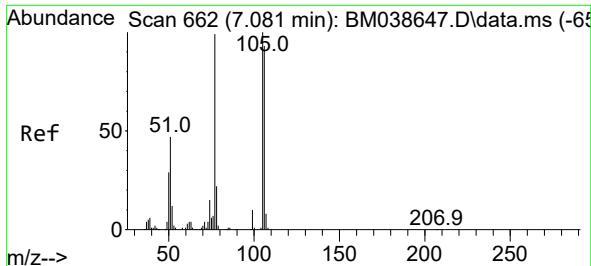
Tgt Ion: 99 Resp: 389595
Ion Ratio Lower Upper
99 100
42 16.5 14.6 22.0
71 38.2 31.0 46.4



#8
2-Chlorophenol
Concen: 44.628 ng
RT: 7.492 min Scan# 732
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:128 Resp: 186623
Ion Ratio Lower Upper
128 100
130 33.5 13.2 53.2
64 35.4 17.3 57.3

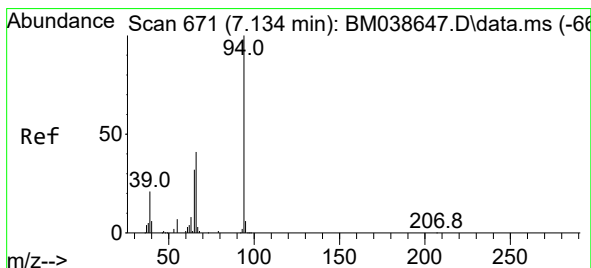
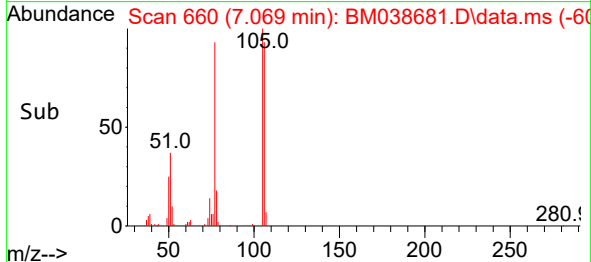
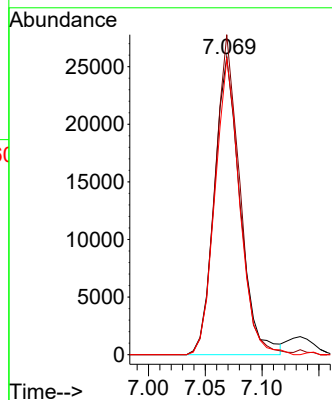
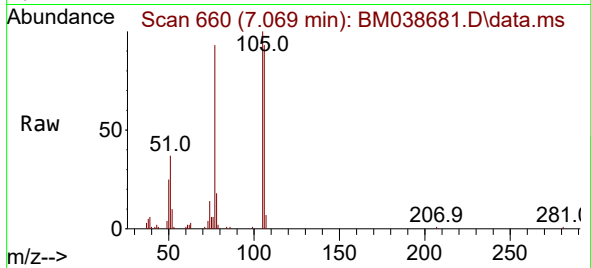




#9
Benzaldehyde
Concen: 21.107 ng
RT: 7.069 min Scan# 660
Delta R.T. -0.000 min
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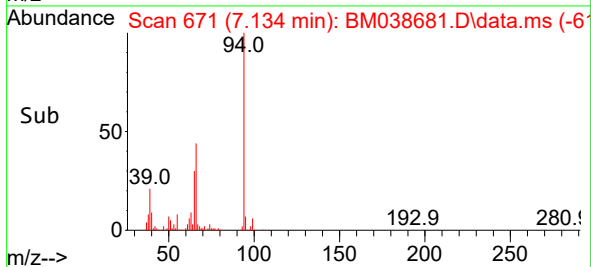
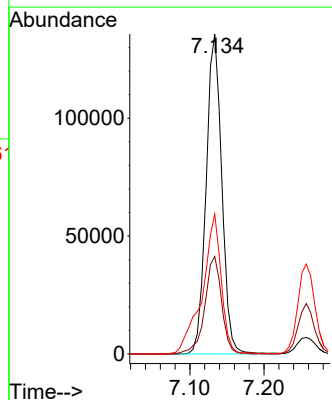
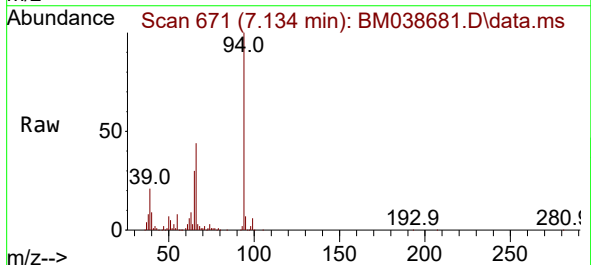
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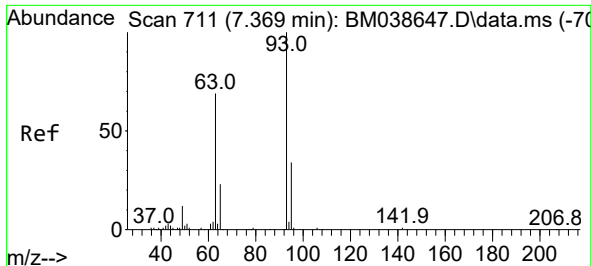
Tgt Ion: 77 Resp: 40663
Ion Ratio Lower Upper
77 100
105 107.4 80.8 120.8
106 99.4 73.8 113.8



#10
Phenol
Concen: 45.013 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion: 94 Resp: 198763
Ion Ratio Lower Upper
94 100
65 30.4 12.3 52.3
66 43.7 24.2 64.2

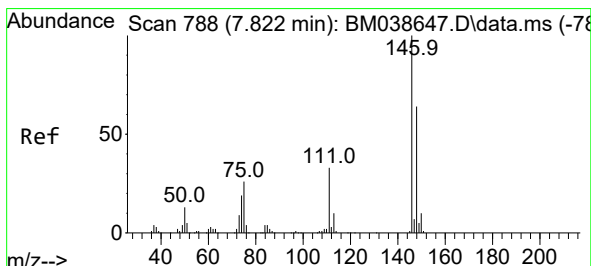
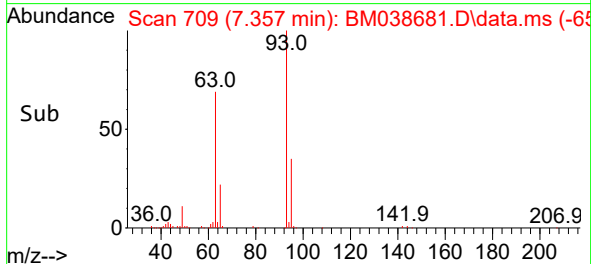
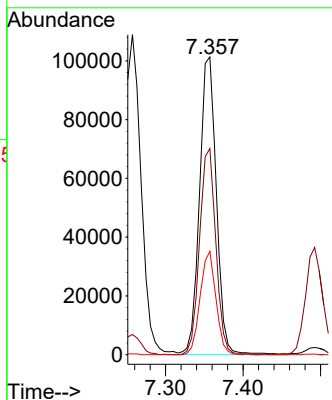
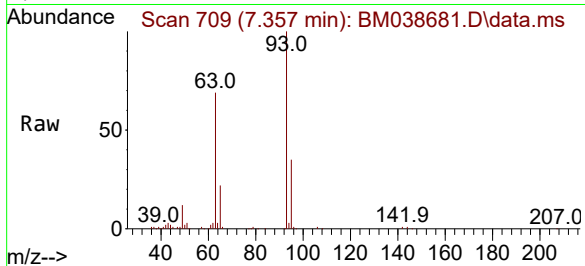




#11
bis(2-Chloroethyl)ether
Concen: 42.772 ng
RT: 7.357 min Scan# 709
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

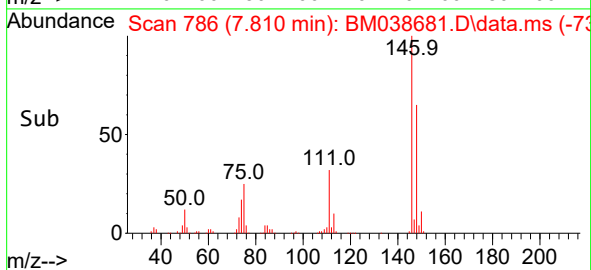
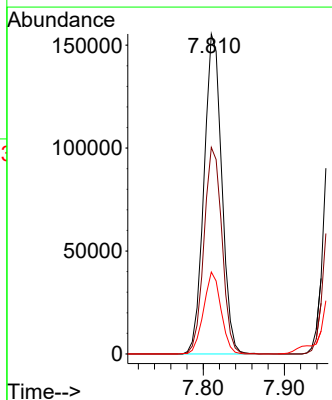
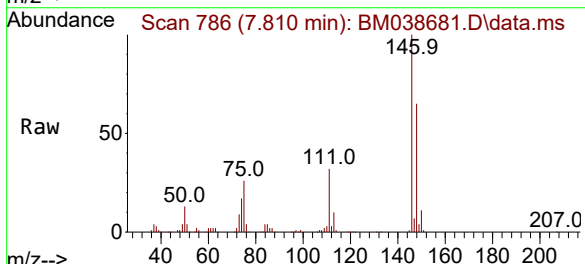
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

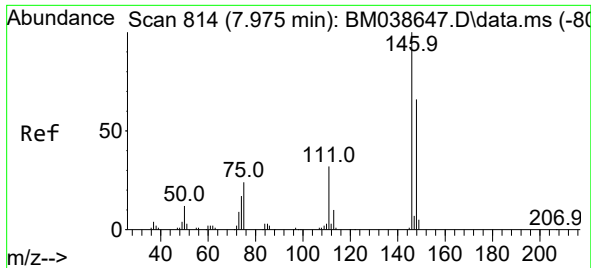
Tgt Ion: 93 Resp: 152953
Ion Ratio Lower Upper
93 100
63 69.2 48.5 88.5
95 34.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 44.084 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:146 Resp: 235537
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
75 25.6 21.1 31.7

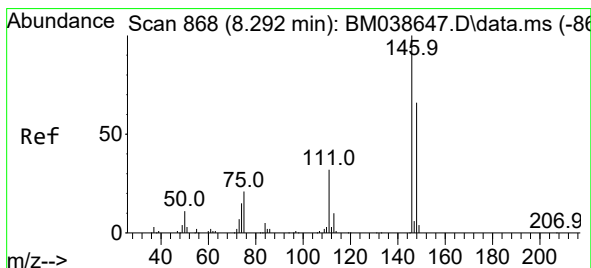
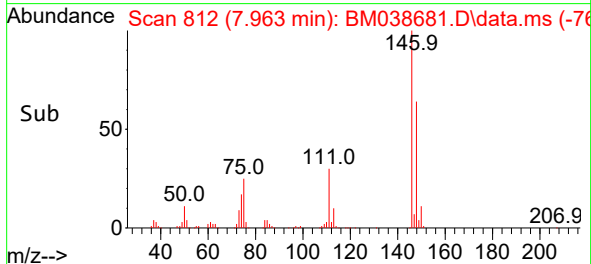
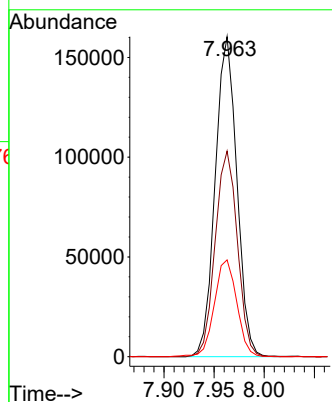
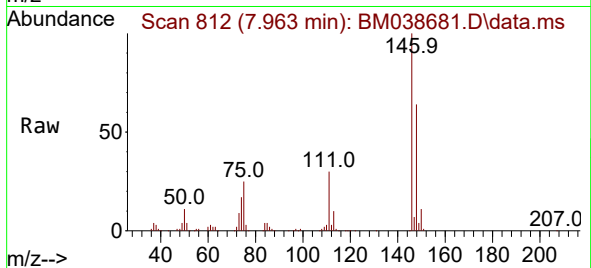




#13
1,4-Dichlorobenzene
Concen: 44.548 ng
RT: 7.963 min Scan# 814
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

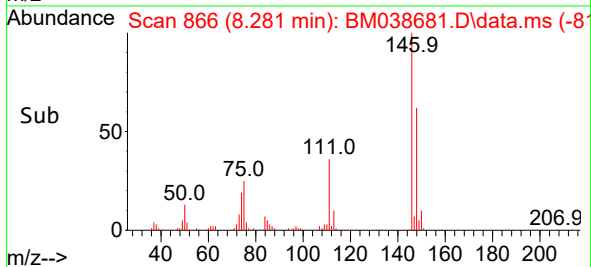
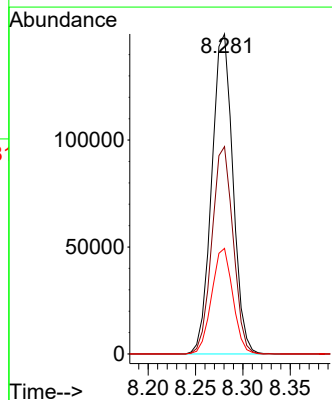
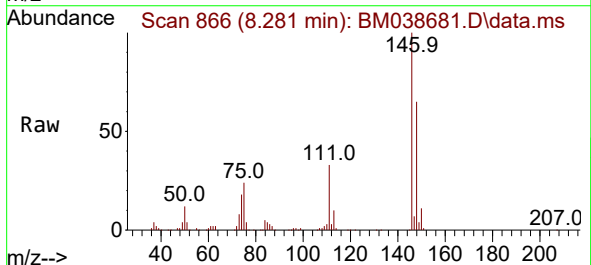
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

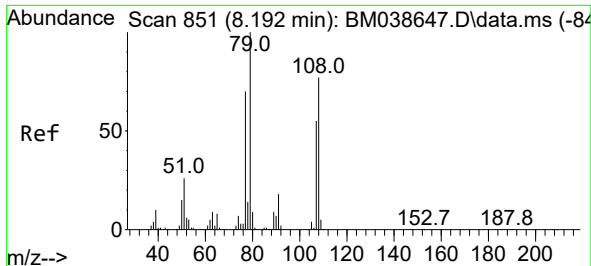
Tgt Ion:146 Resp: 240209
Ion Ratio Lower Upper
146 100
148 64.3 53.1 79.7
111 30.2 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 45.093 ng
RT: 8.281 min Scan# 866
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:146 Resp: 232937
Ion Ratio Lower Upper
146 100
148 64.8 52.9 79.3
111 33.0 26.2 39.2

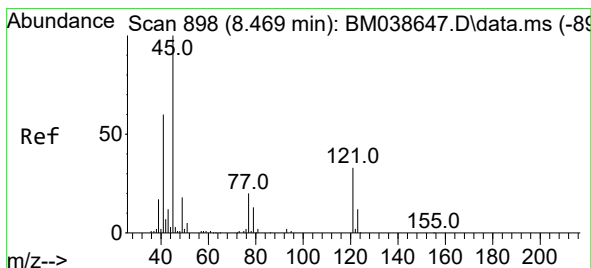
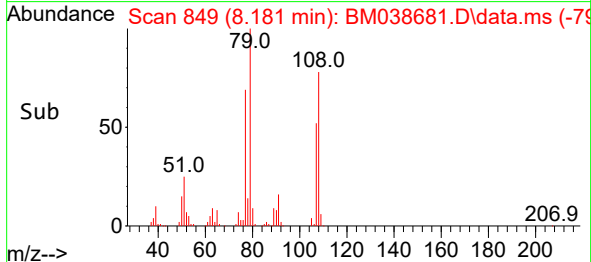
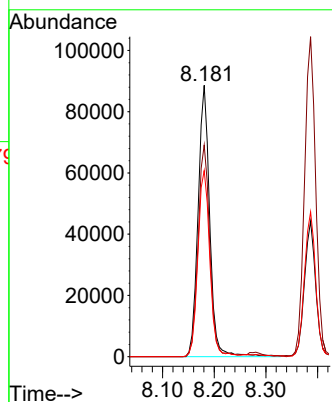
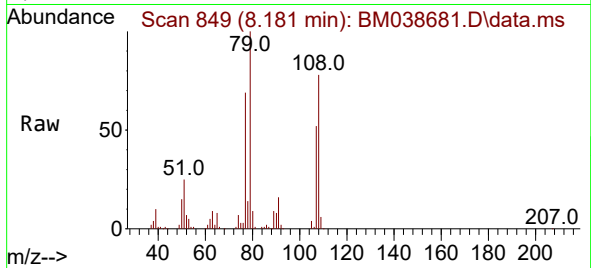




#15
Benzyl Alcohol
Concen: 43.169 ng
RT: 8.181 min Scan# 84
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

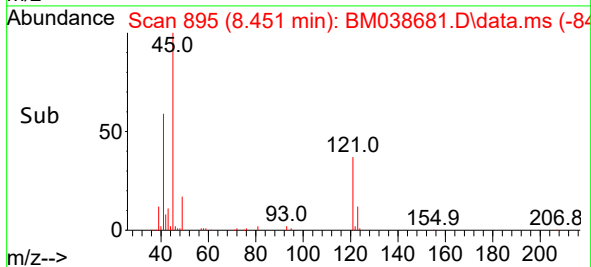
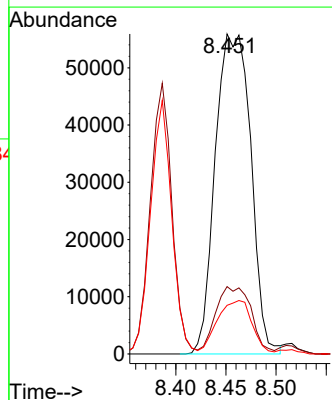
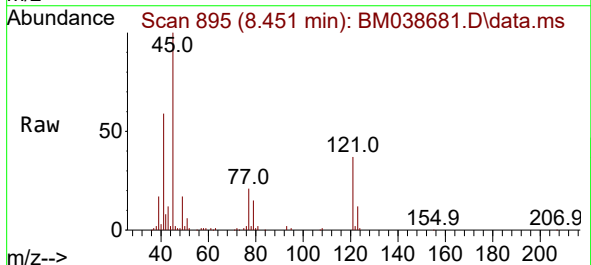
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

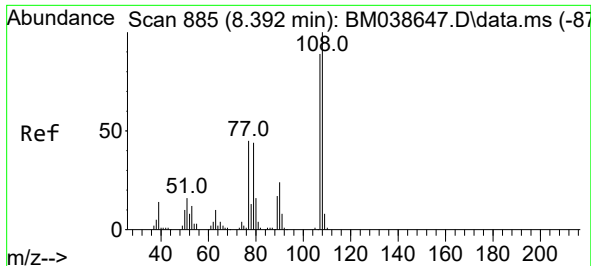
Tgt Ion: 79 Resp: 138878
Ion Ratio Lower Upper
79 100
108 78.0 61.9 92.9
77 68.6 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.767 ng
RT: 8.451 min Scan# 895
Delta R.T. -0.012 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion: 45 Resp: 138087
Ion Ratio Lower Upper
45 100
77 21.1 1.1 41.1
79 15.2 0.0 34.6

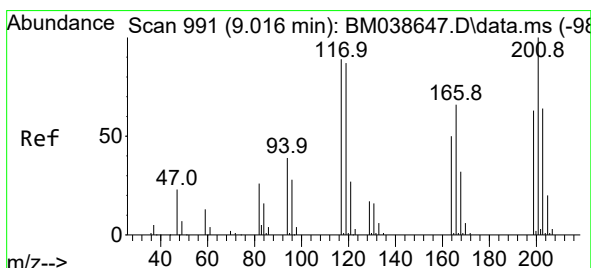
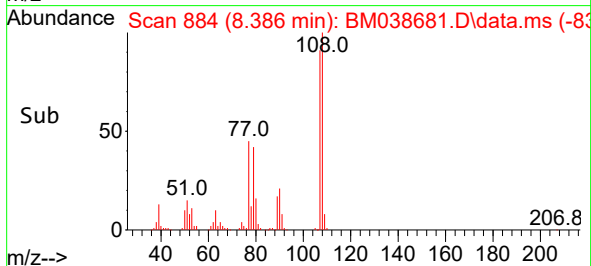
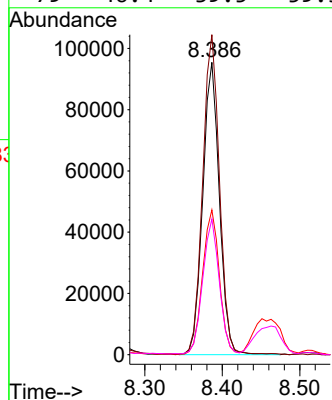
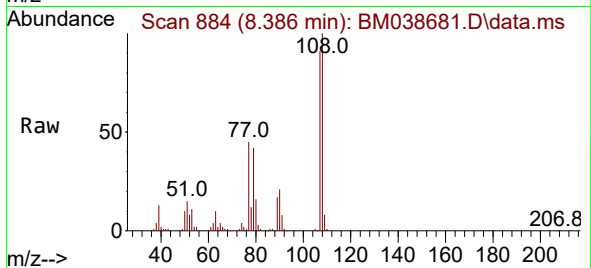




#17
2-Methylphenol
Concen: 42.011 ng
RT: 8.386 min Scan# 885
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

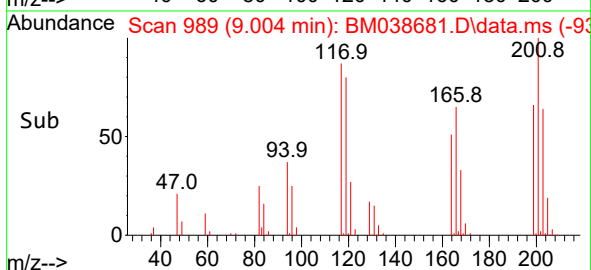
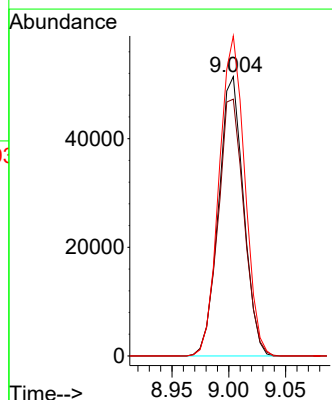
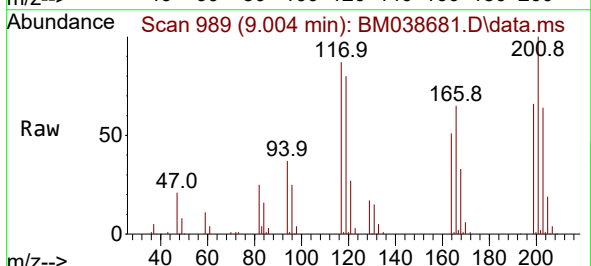
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

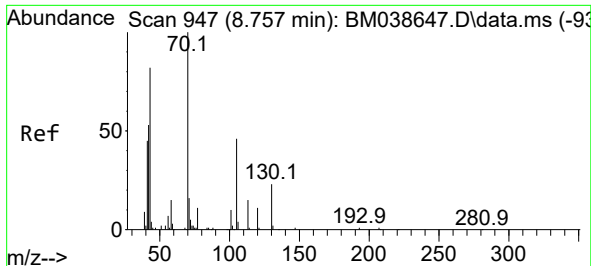
Tgt Ion:	107	Resp:	142292
Ion	Ratio	Lower	Upper
107	100		
108	109.5	89.6	134.4
77	49.6	40.7	61.1
79	46.4	39.5	59.3



#18
Hexachloroethane
Concen: 45.162 ng
RT: 9.004 min Scan# 989
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:	117	Resp:	78645
Ion	Ratio	Lower	Upper
117	100		
119	91.9	78.6	117.8
201	114.5	90.2	135.2



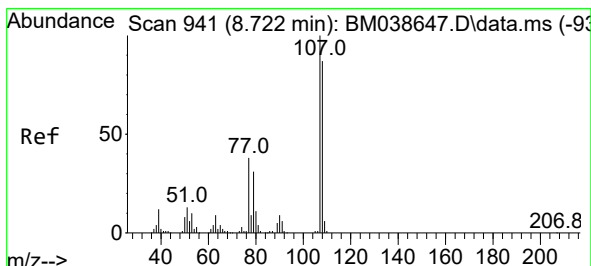
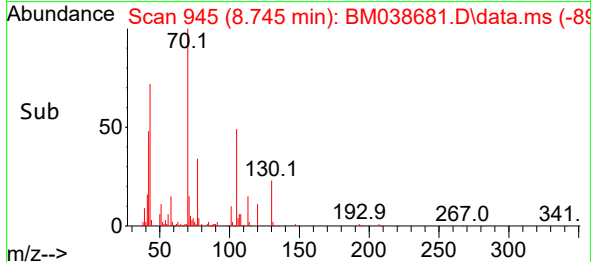
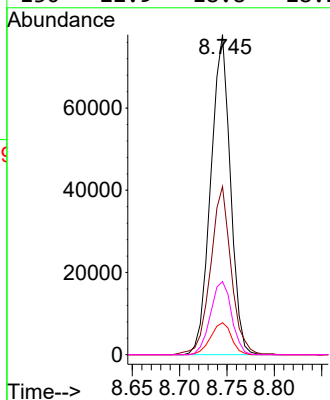
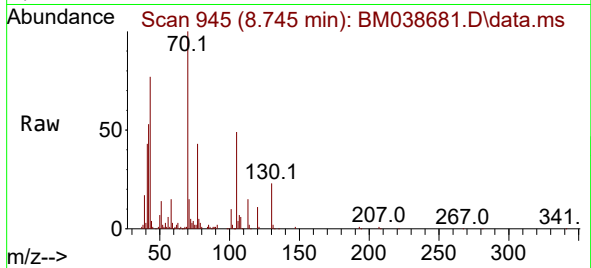


#19
n-Nitroso-di-n-propylamine
Concen: 42.615 ng
RT: 8.745 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Instrument :
BNA_M
ClientSampleId :
PB150629BSD

Tgt Ion: 70 Resp: 112275

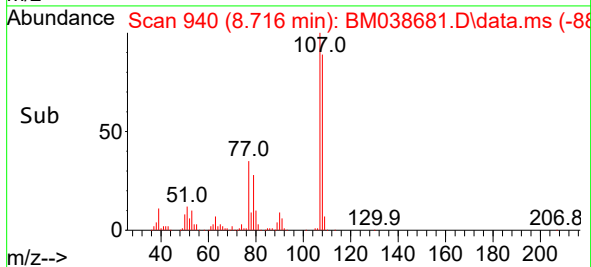
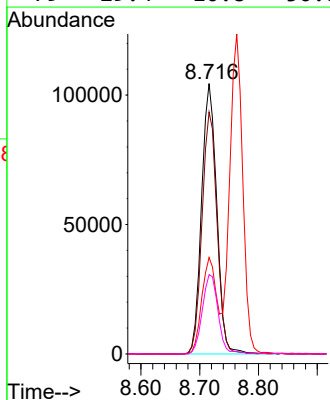
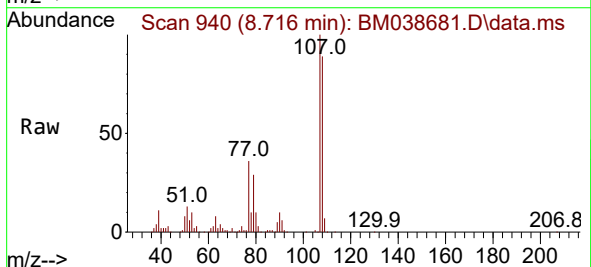
Ion	Ratio	Lower	Upper
70	100		
42	52.6	43.4	65.2
101	10.0	8.2	12.2
130	22.9	18.8	28.2

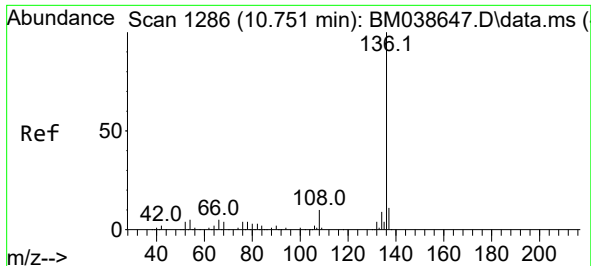


#20
3+4-Methylphenols
Concen: 41.295 ng
RT: 8.716 min Scan# 940
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion: 107 Resp: 186479

Ion	Ratio	Lower	Upper
107	100		
108	89.4	67.2	107.2
77	35.7	17.5	57.5
79	29.4	10.8	50.8

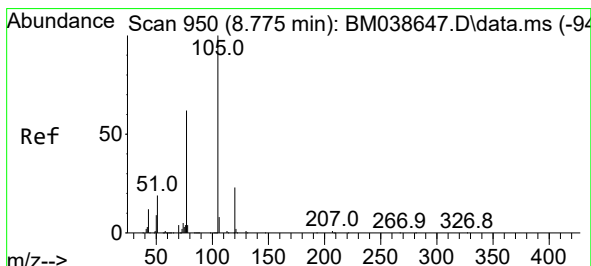
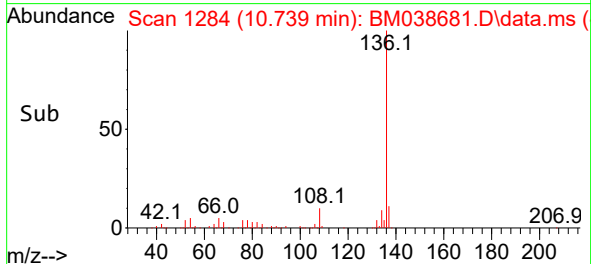
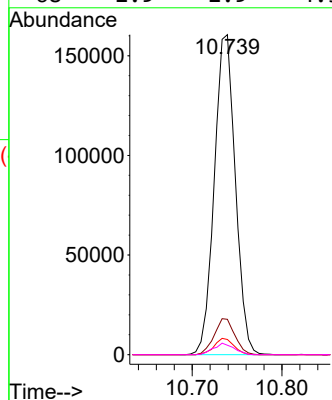
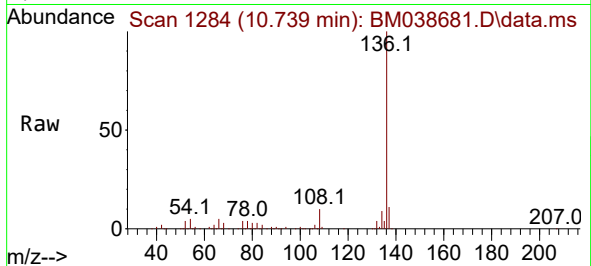




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

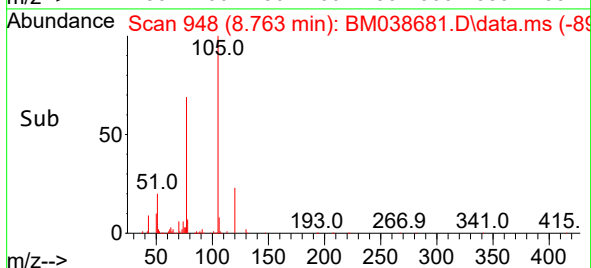
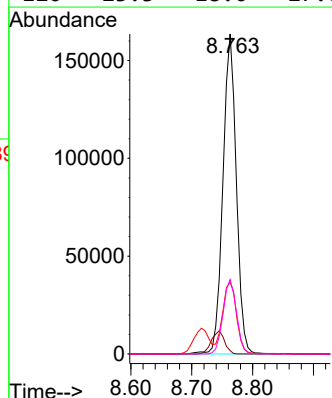
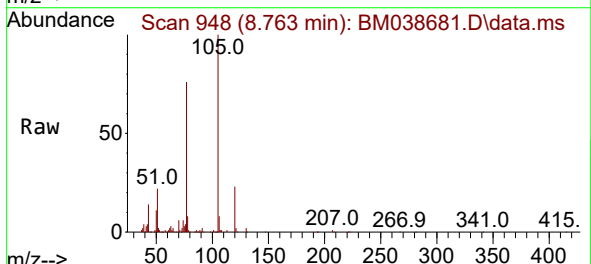
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

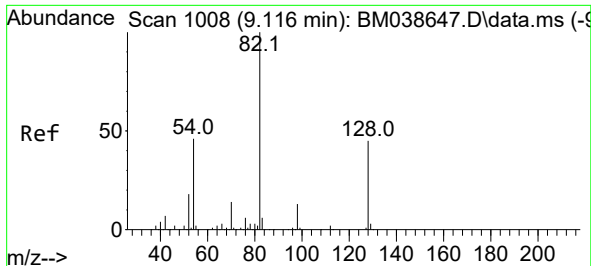
Tgt Ion:136 Resp: 261692
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 4.8 4.2 6.4
68 2.9 2.9 4.3



#22
Acetophenone
Concen: 40.014 ng
RT: 8.763 min Scan# 948
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:105 Resp: 249722
Ion Ratio Lower Upper
105 100
71 1.0 0.9 1.3
51 22.4 19.3 28.9
120 23.3 18.0 27.0

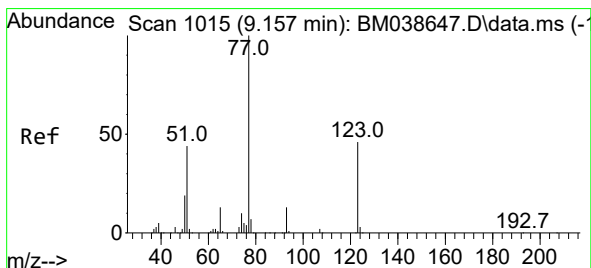
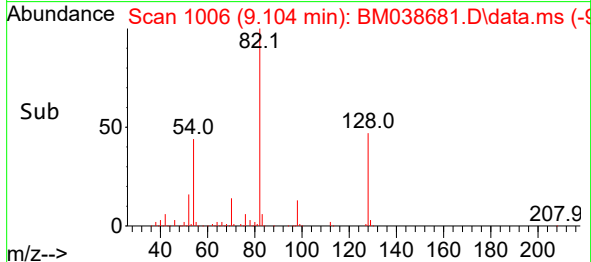
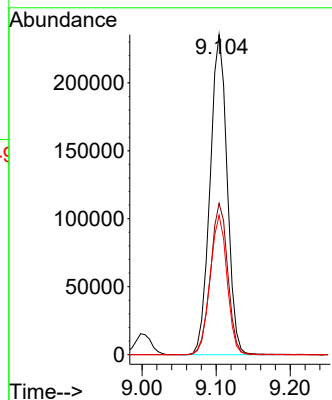
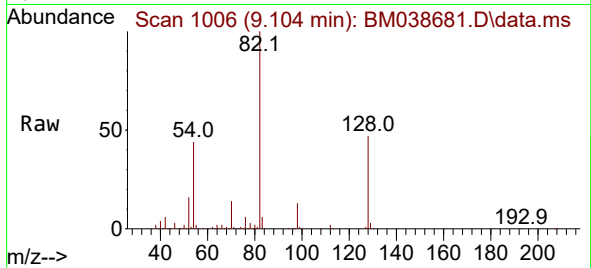




#23
Nitrobenzene-d5
Concen: 81.798 ng
RT: 9.104 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

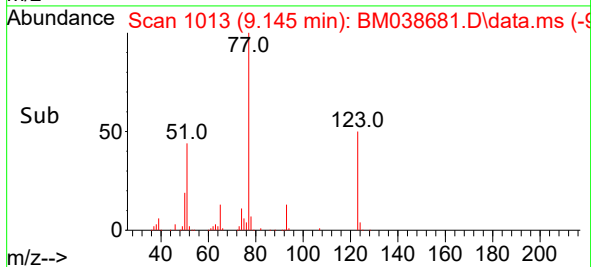
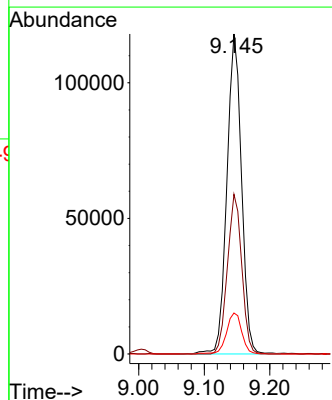
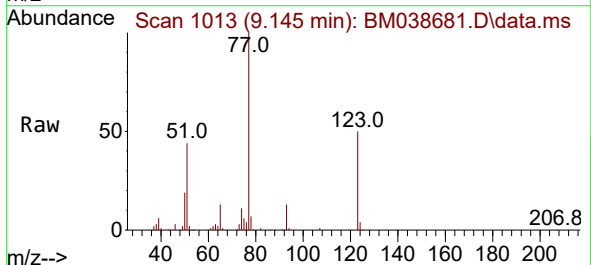
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

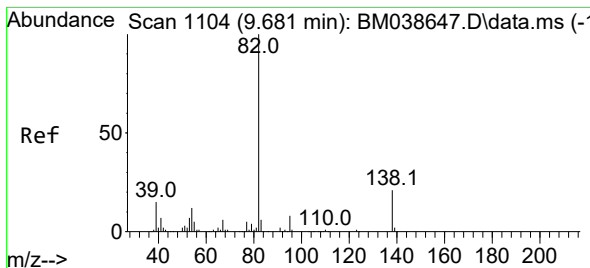
Tgt Ion: 82 Resp: 376862
Ion Ratio Lower Upper
82 100
128 47.3 36.0 54.0
54 43.5 36.8 55.2



#24
Nitrobenzene
Concen: 38.972 ng
RT: 9.145 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion: 77 Resp: 182247
Ion Ratio Lower Upper
77 100
123 49.9 36.5 54.7
65 12.8 10.7 16.1





#25

Isophorone

Concen: 38.857 ng

RT: 9.669 min Scan# 1102

Delta R.T. 0.006 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

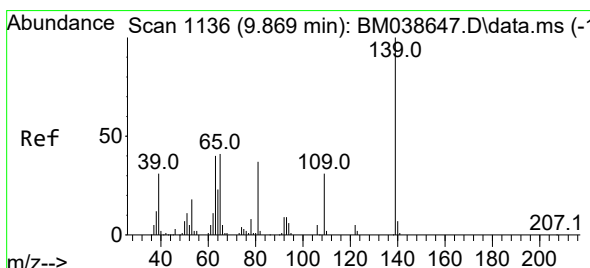
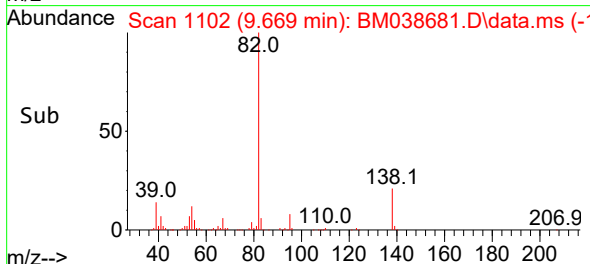
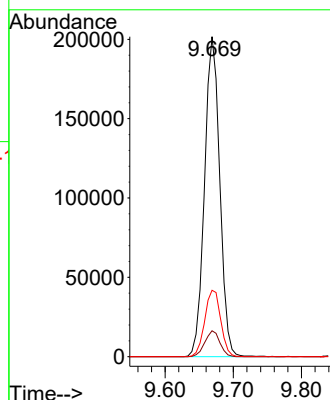
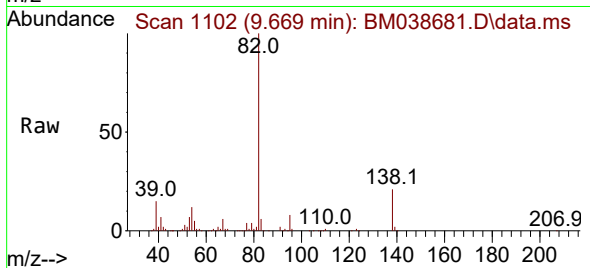
Tgt Ion: 82 Resp: 313610

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 20.8 17.0 25.6



#26

2-Nitrophenol

Concen: 42.727 ng

RT: 9.857 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

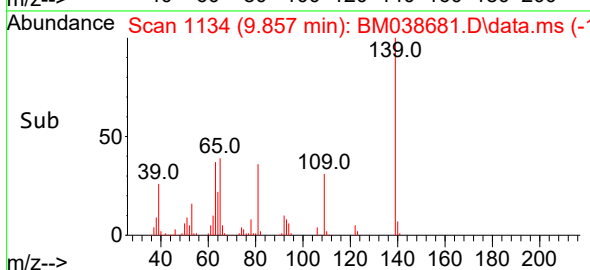
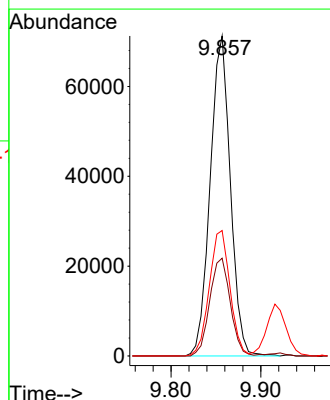
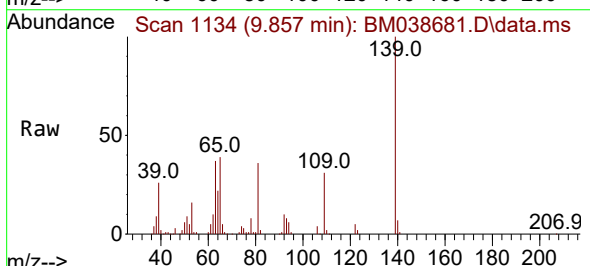
Tgt Ion: 139 Resp: 111183

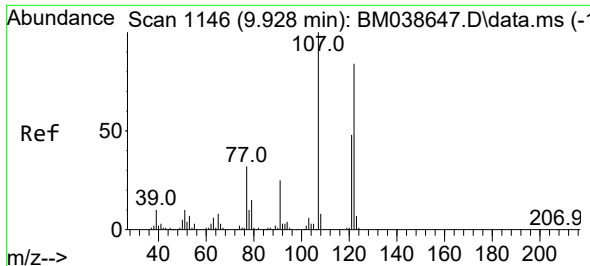
Ion Ratio Lower Upper

139 100

109 30.5 24.5 36.7

65 39.2 32.6 49.0

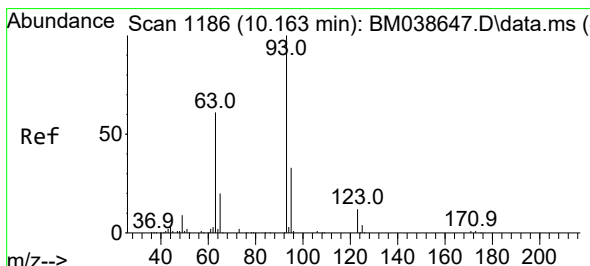
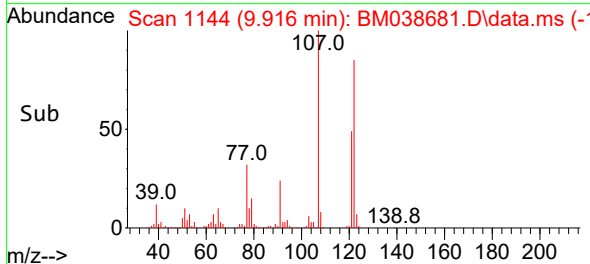
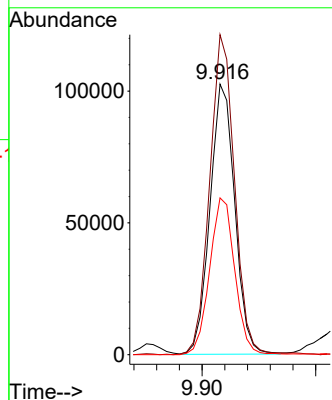
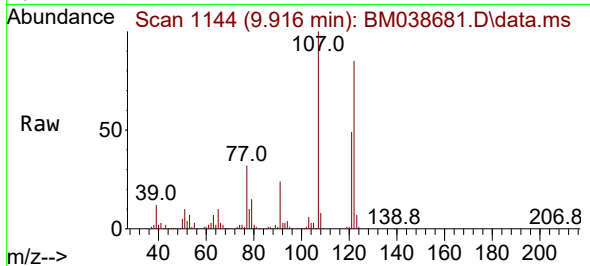




#27
2,4-Dimethylphenol
Concen: 41.446 ng
RT: 9.916 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

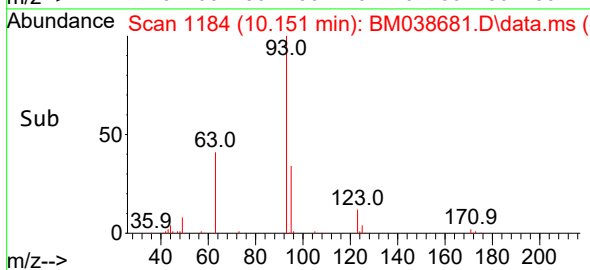
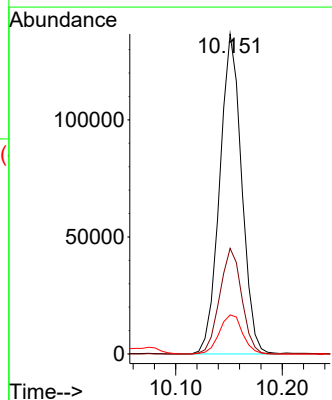
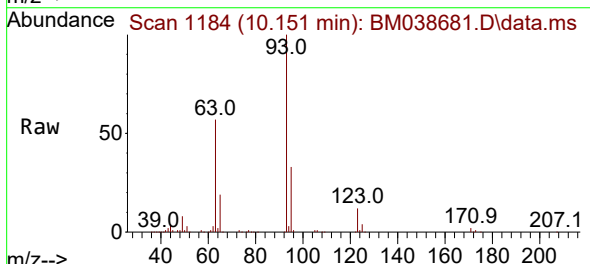
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

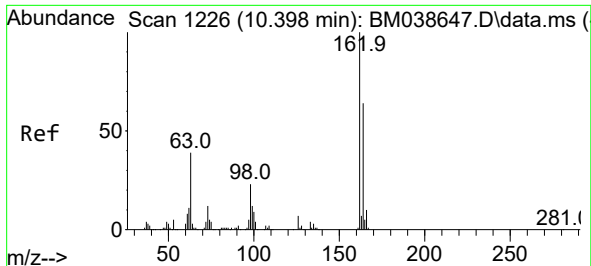
Tgt Ion:	122	Resp:	155604
Ion	Ratio	Lower	Upper
122	100		
107	118.3	94.9	142.3
121	57.9	45.5	68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.647 ng
RT: 10.151 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:	93	Resp:	195552
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	40.0
123	12.2	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 42.578 ng

RT: 10.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

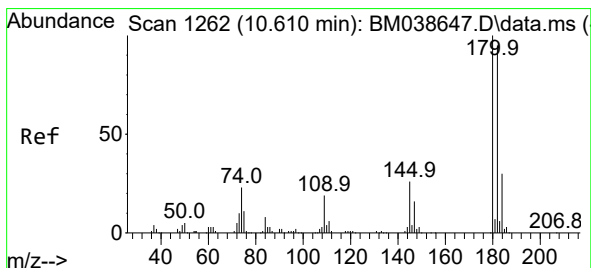
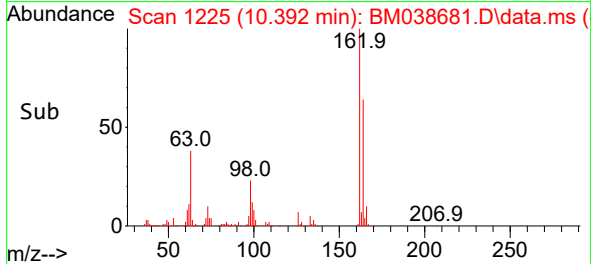
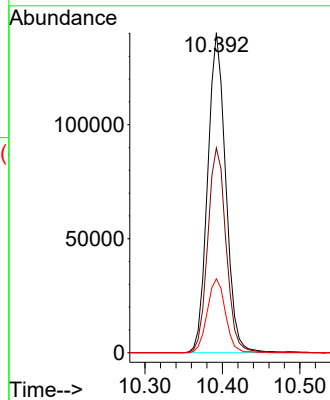
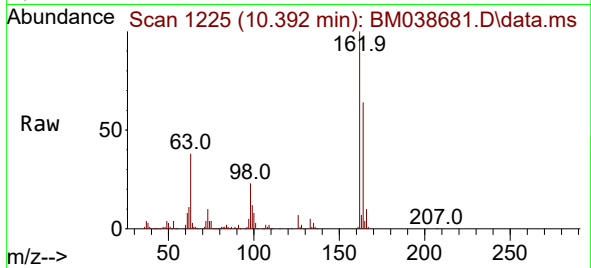
Tgt Ion:162 Resp: 227109

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 23.1 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 41.617 ng

RT: 10.598 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

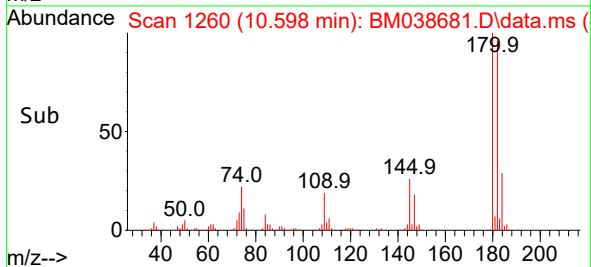
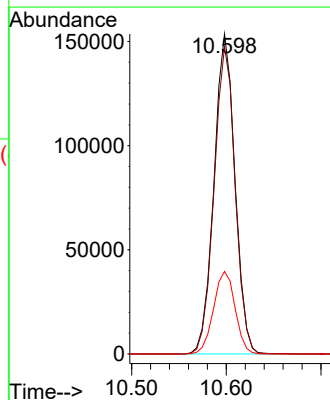
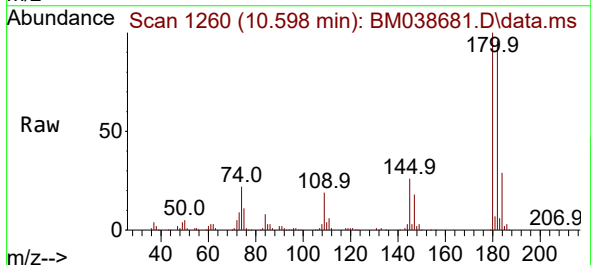
Tgt Ion:180 Resp: 236127

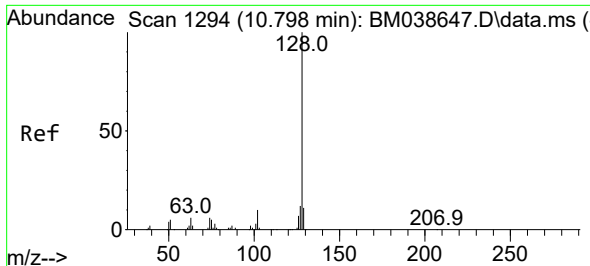
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

145 25.8 20.8 31.2

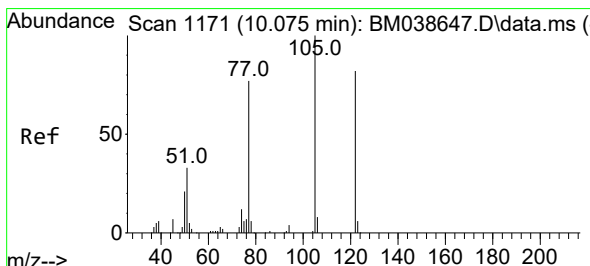
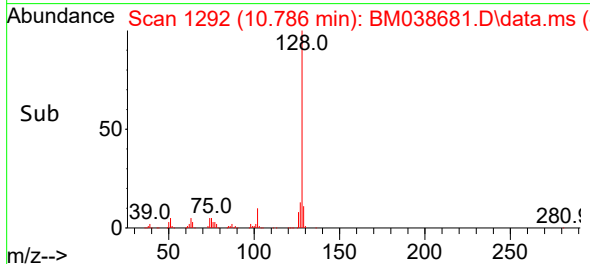
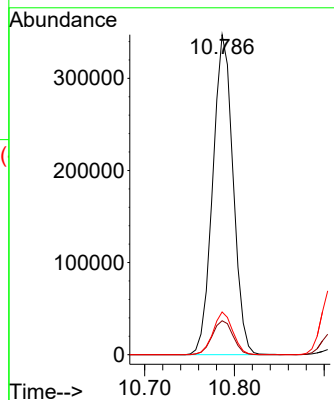
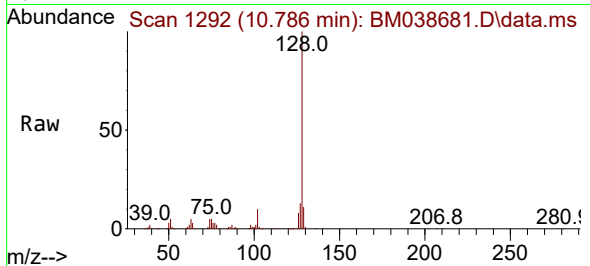




#31
Naphthalene
Concen: 40.659 ng
RT: 10.786 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

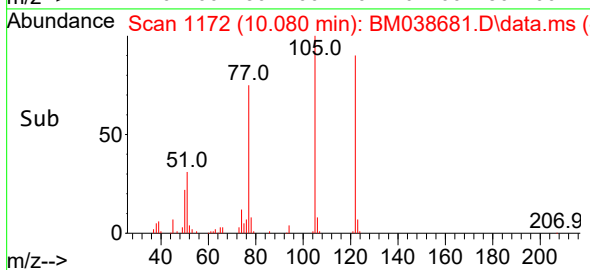
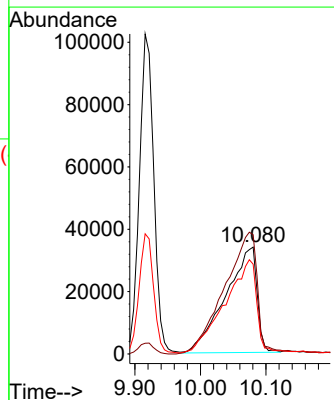
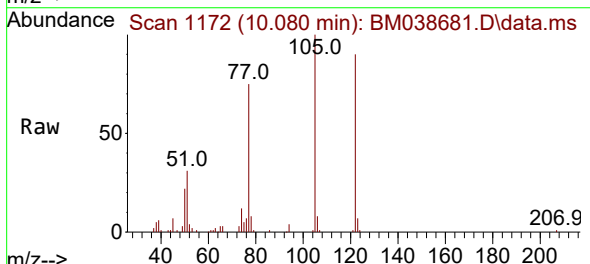
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

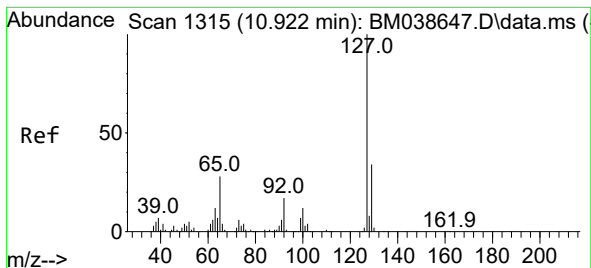
Tgt Ion:128 Resp: 546011
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.3 9.9 14.9



#32
Benzoic acid
Concen: 37.103 ng
RT: 10.080 min Scan# 1172
Delta R.T. 0.011 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:122 Resp: 112761
Ion Ratio Lower Upper
122 100
105 111.5 99.2 139.2
77 84.0 72.3 112.3





#33

4-Chloroaniline

Concen: 23.615 ng

RT: 10.910 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

Tgt Ion:127 Resp: 138980

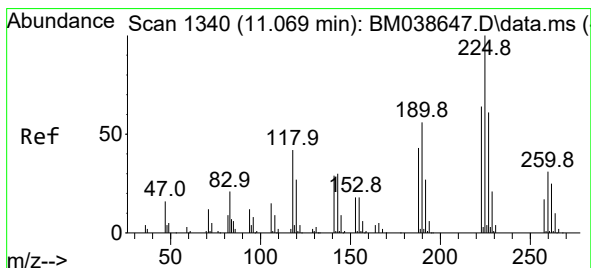
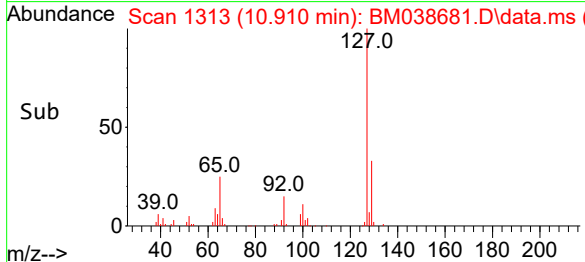
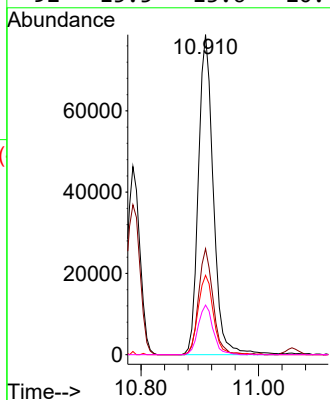
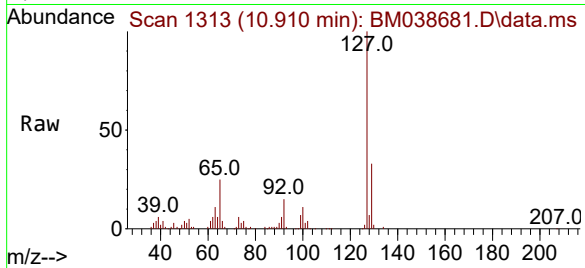
Ion Ratio Lower Upper

127 100

129 33.1 27.1 40.7

65 24.8 22.2 33.4

92 15.5 13.6 20.4



#34

Hexachlorobutadiene

Concen: 42.386 ng

RT: 11.057 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

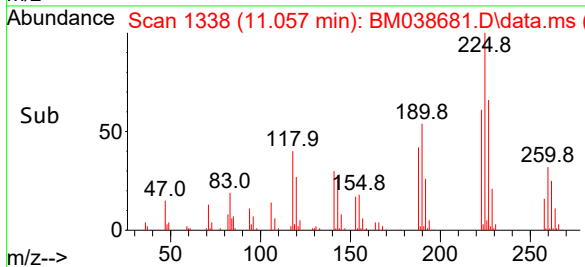
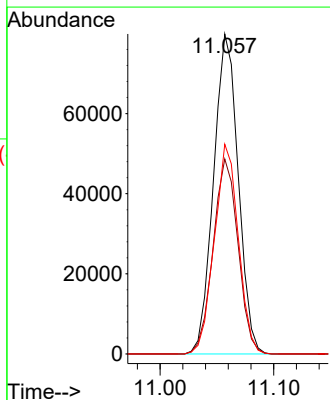
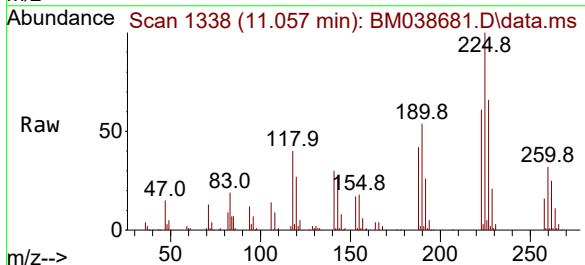
Tgt Ion:225 Resp: 120472

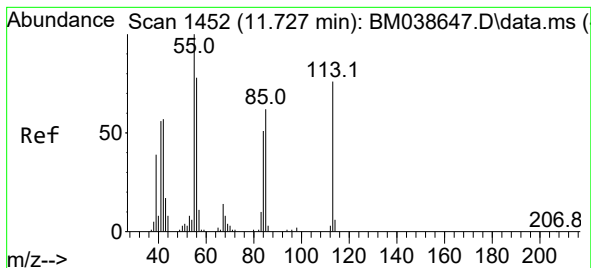
Ion Ratio Lower Upper

225 100

223 61.0 51.0 76.4

227 65.5 49.2 73.8

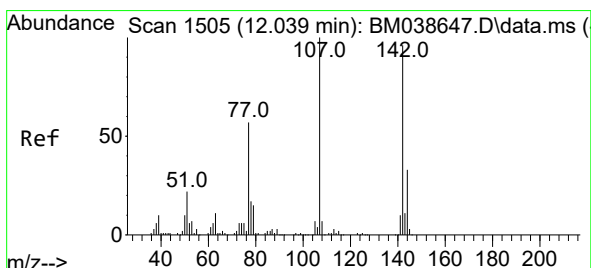
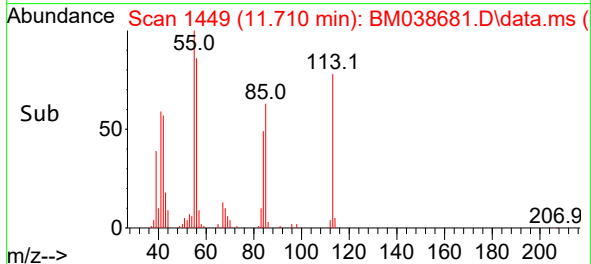
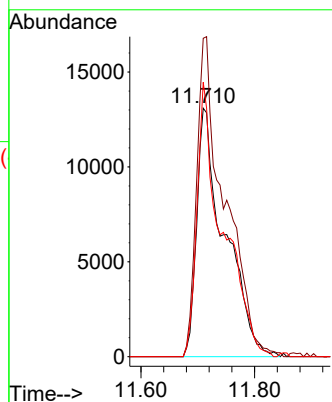
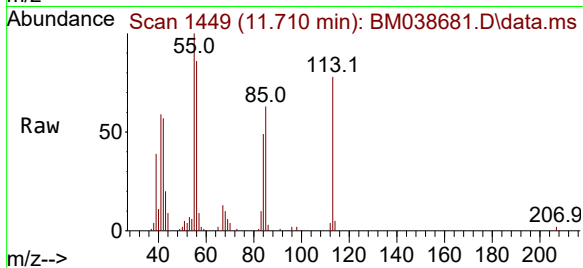




#35
 Caprolactam
 Concen: 38.852 ng
 RT: 11.710 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: BM038681.D
 Acq: 03 Feb 2023 15:20

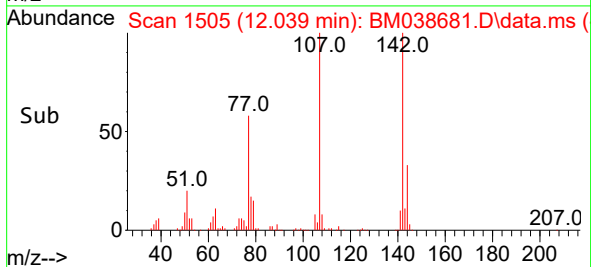
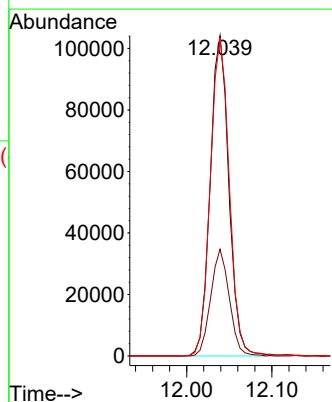
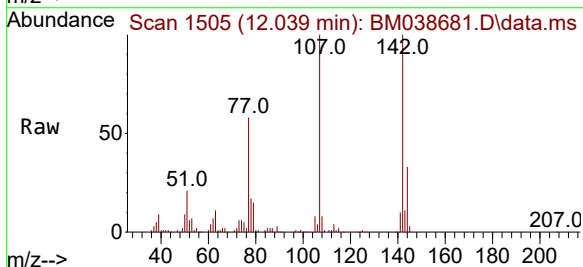
Instrument :
 BNA_M
 ClientSampleId :
 PB150629BSD

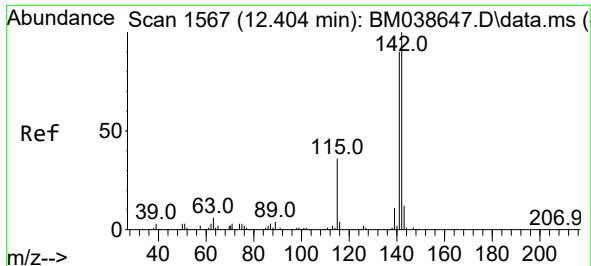
Tgt Ion:113 Resp: 44631
 Ion Ratio Lower Upper
 113 100
 55 128.2 111.2 151.2
 56 110.4 82.0 122.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.292 ng
 RT: 12.039 min Scan# 1505
 Delta R.T. 0.006 min
 Lab File: BM038681.D
 Acq: 03 Feb 2023 15:20

Tgt Ion:107 Resp: 158917
 Ion Ratio Lower Upper
 107 100
 144 33.3 26.5 39.7
 142 99.5 77.0 115.6

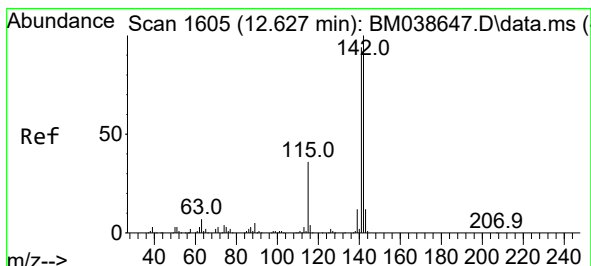
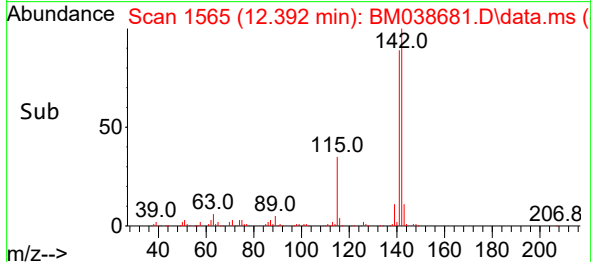
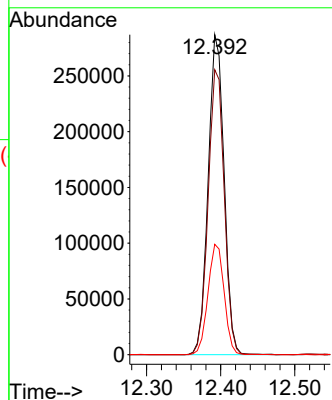
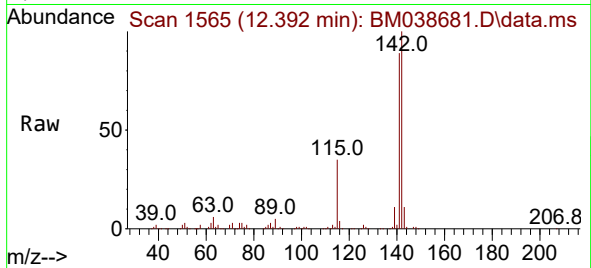




#37
2-Methylnaphthalene
Concen: 39.525 ng
RT: 12.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

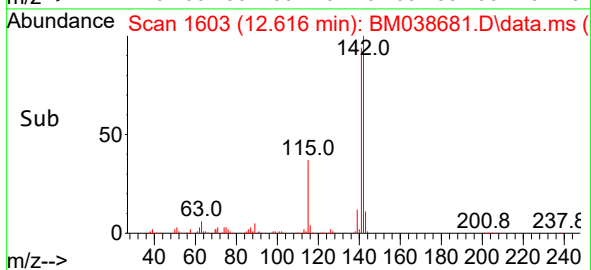
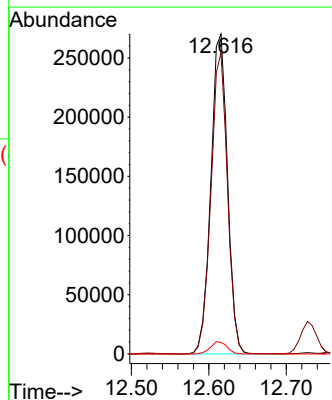
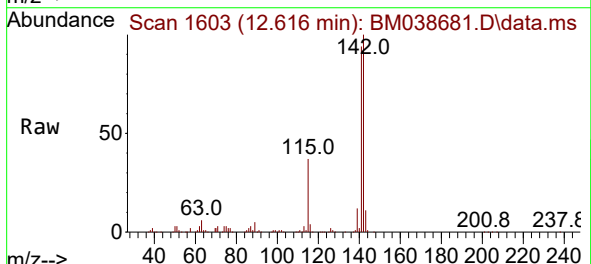
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

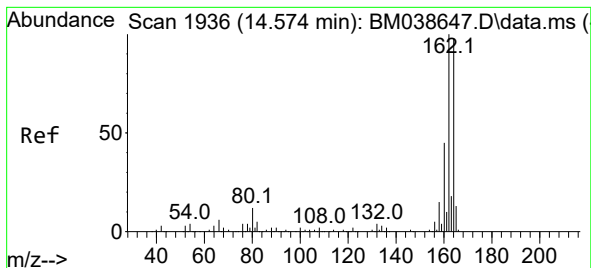
Tgt Ion:142 Resp: 428926
Ion Ratio Lower Upper
142 100
141 89.1 71.8 107.8
115 34.5 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.589 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:142 Resp: 404827
Ion Ratio Lower Upper
142 100
141 94.2 75.5 113.3
116 3.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

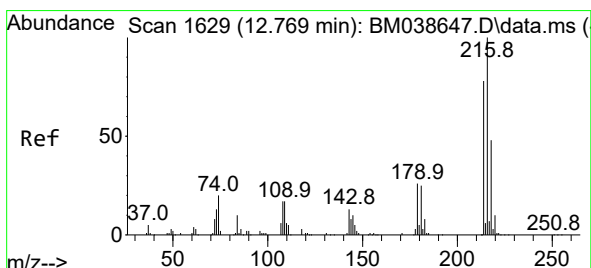
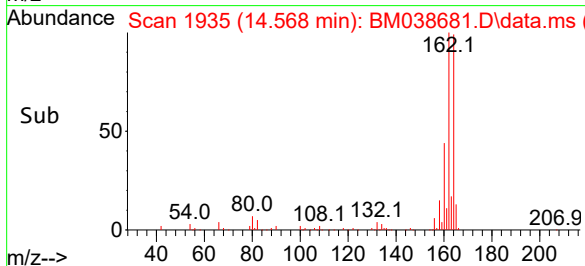
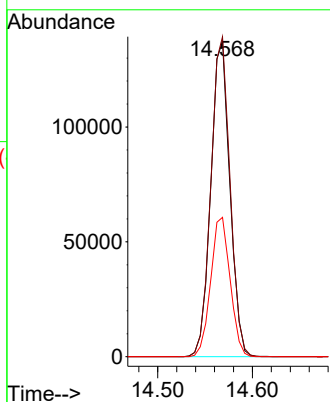
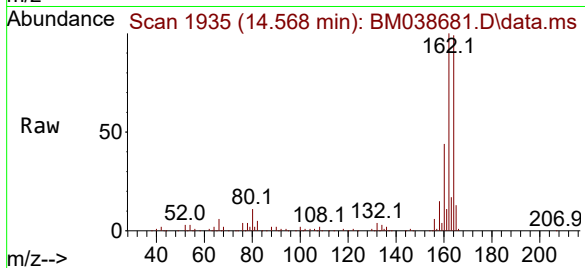
Tgt Ion:164 Resp: 191794

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

160 44.2 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.046 ng

RT: 12.763 min Scan# 1628

Delta R.T. 0.006 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Tgt Ion:216 Resp: 204880

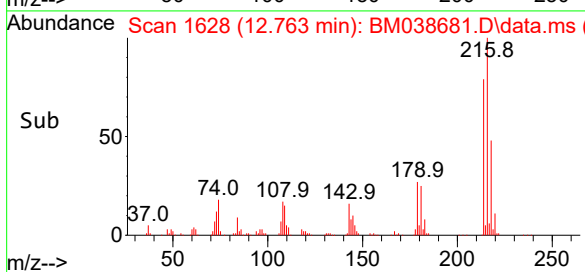
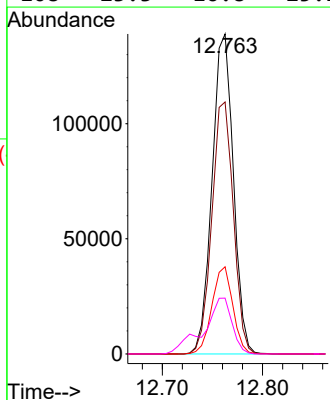
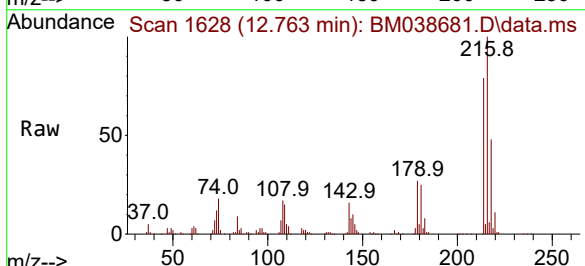
Ion Ratio Lower Upper

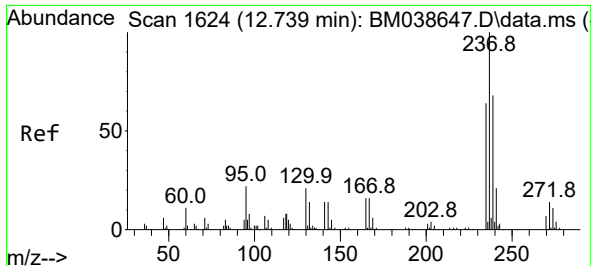
216 100

214 79.5 63.4 95.0

179 26.7 21.0 31.4

108 23.3 16.8 25.2

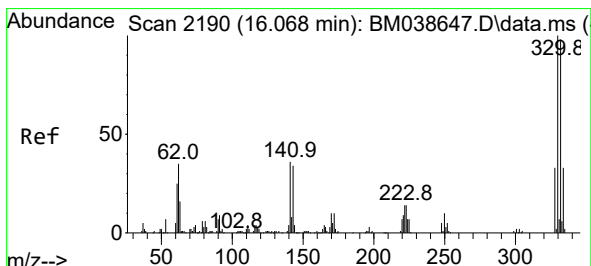
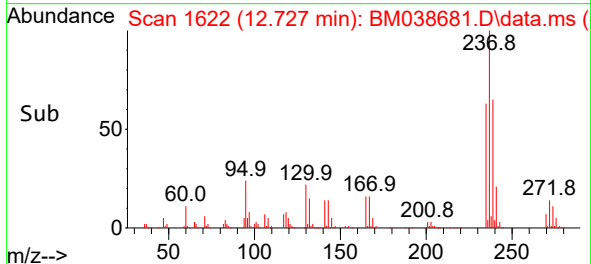
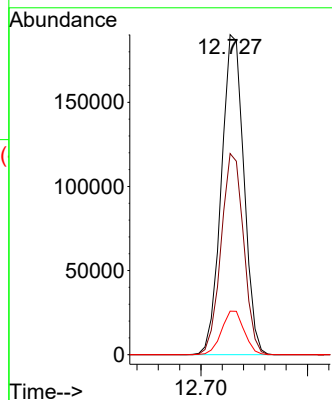
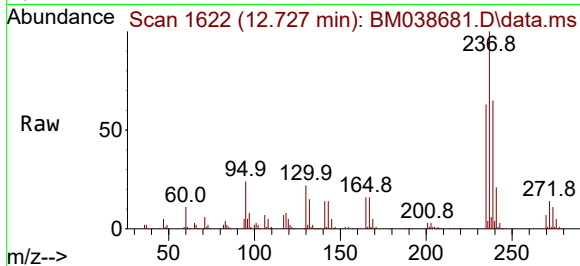




#41
Hexachlorocyclopentadiene
Concen: 90.053 ng
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

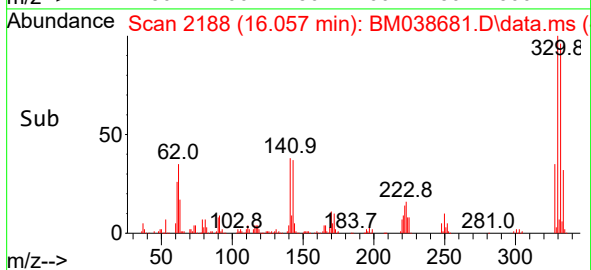
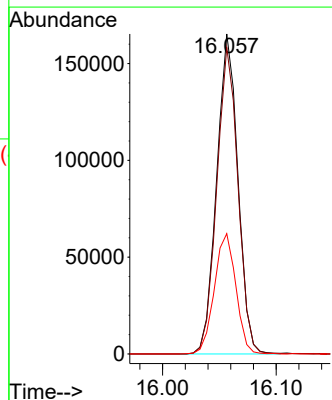
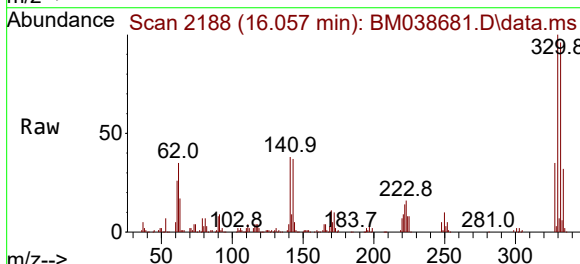
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

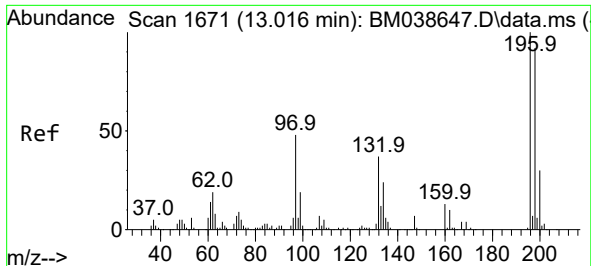
Tgt Ion:237 Resp: 278931
Ion Ratio Lower Upper
237 100
235 62.9 43.8 83.8
272 13.6 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 82.451 ng
RT: 16.057 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:330 Resp: 214943
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.6
141 38.1 31.0 46.6

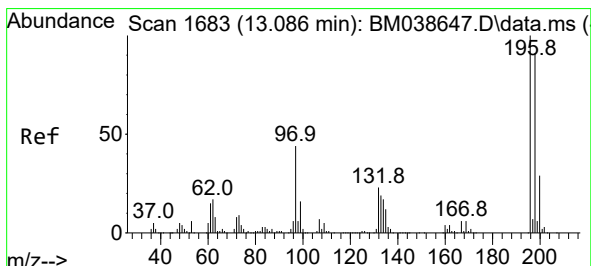
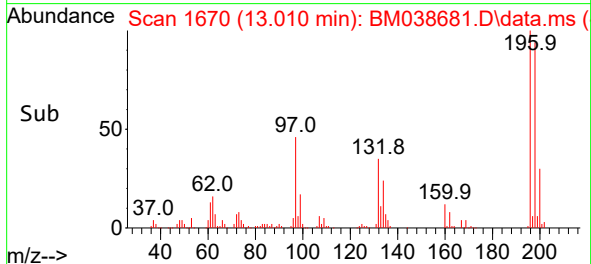
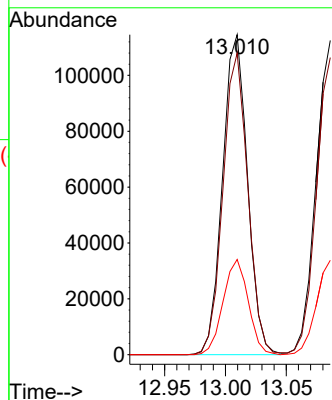
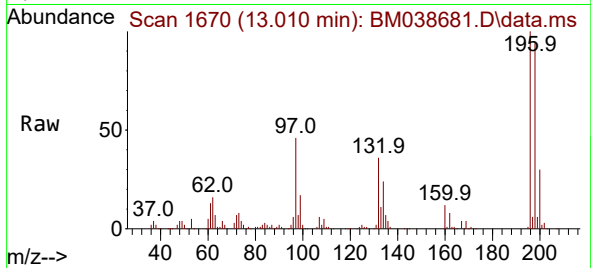




#43
2,4,6-Trichlorophenol
Concen: 41.618 ng
RT: 13.010 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

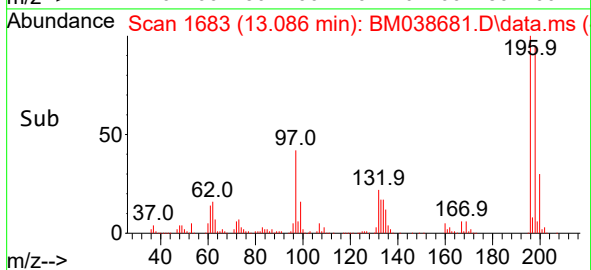
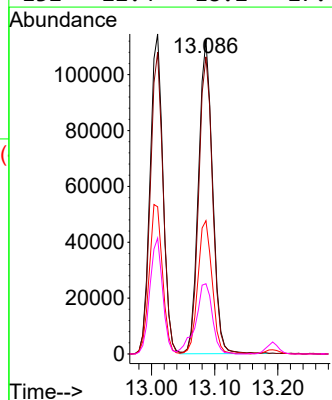
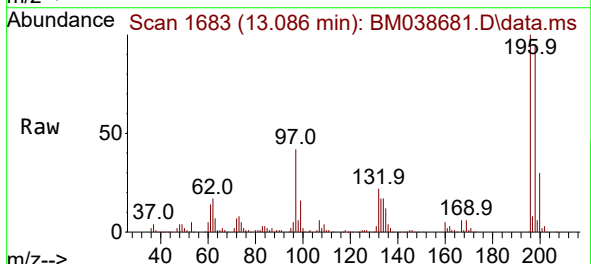
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

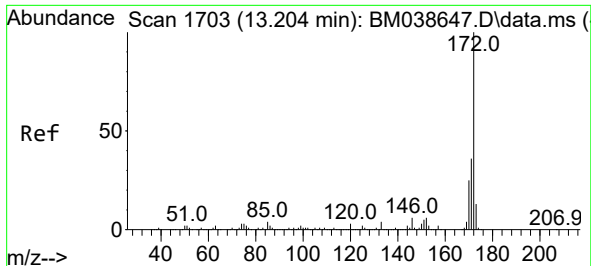
Tgt Ion:196 Resp: 163201
Ion Ratio Lower Upper
196 100
198 94.3 73.7 110.5
200 29.8 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 37.657 ng
RT: 13.086 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:196 Resp: 173773
Ion Ratio Lower Upper
196 100
198 94.5 73.1 109.7
97 42.4 35.5 53.3
132 22.4 18.2 27.4

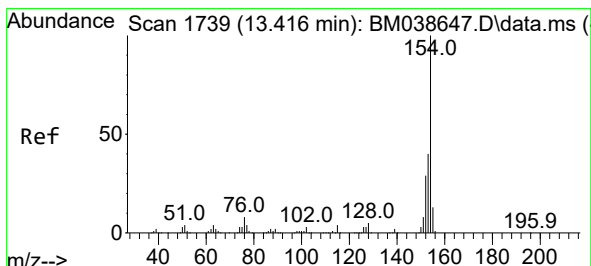
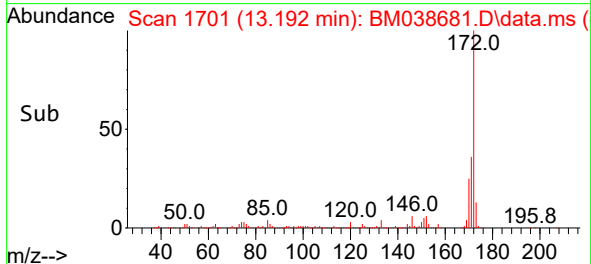
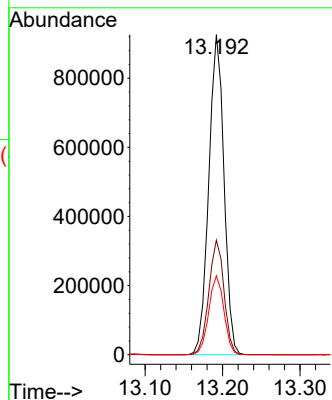
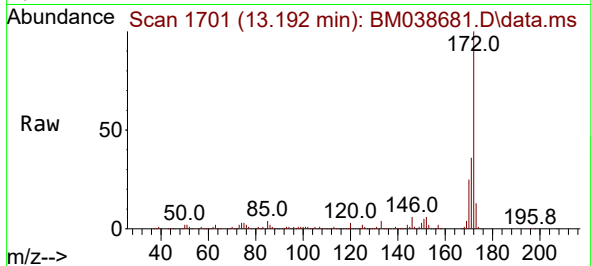




#45
2-Fluorobiphenyl
Concen: 83.707 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

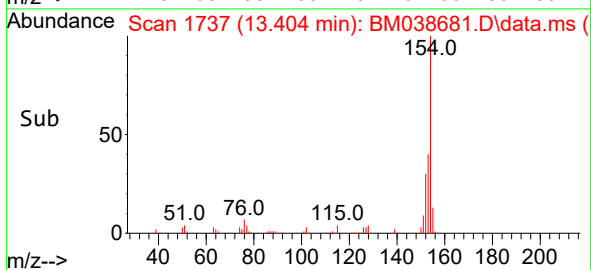
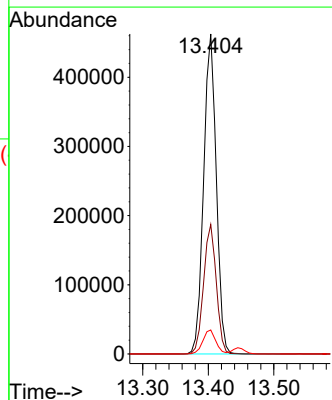
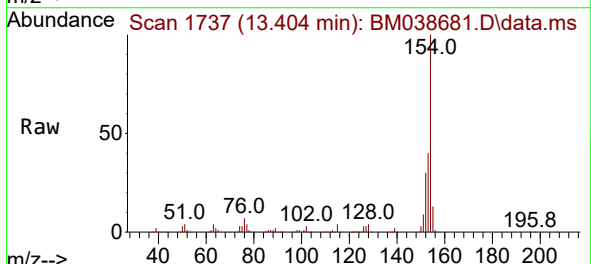
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

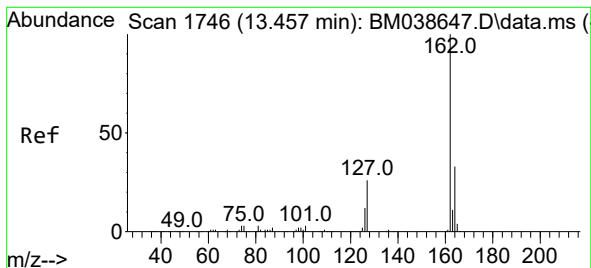
Tgt Ion:172 Resp: 1261060
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.7 20.0 30.0



#46
1,1'-Biphenyl
Concen: 40.913 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:154 Resp: 621588
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 7.5 0.0 27.9





#47

2-Chloronaphthalene

Concen: 41.805 ng

RT: 13.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

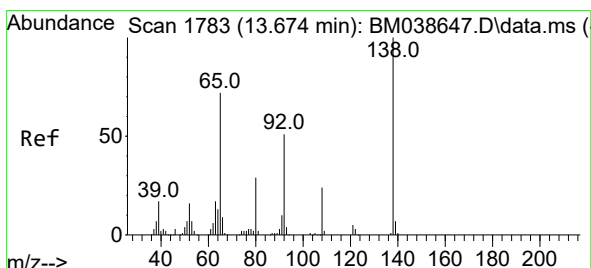
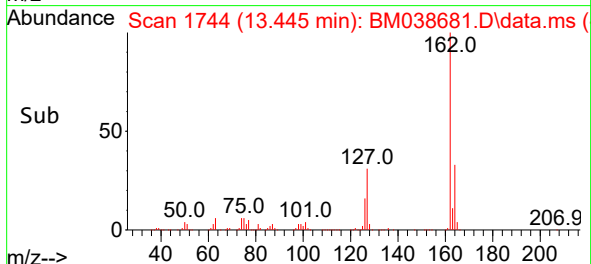
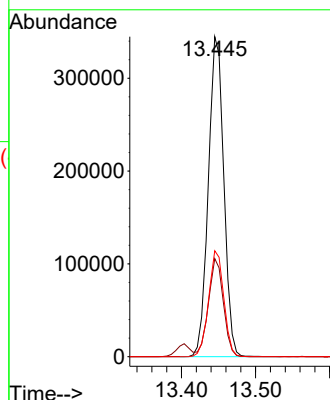
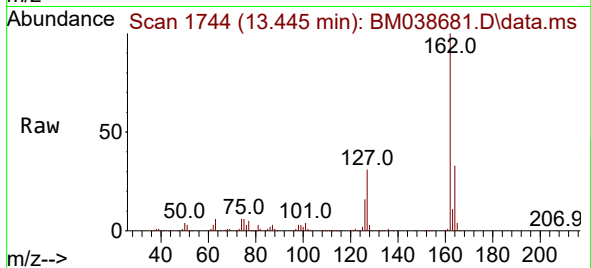
Tgt Ion:162 Resp: 499785

Ion Ratio Lower Upper

162 100

127 30.6 23.6 35.4

164 33.1 26.7 40.1



#48

2-Nitroaniline

Concen: 36.077 ng

RT: 13.663 min Scan# 1781

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

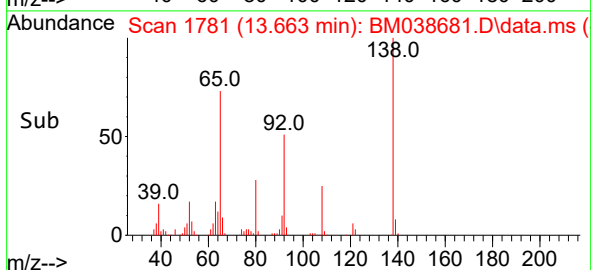
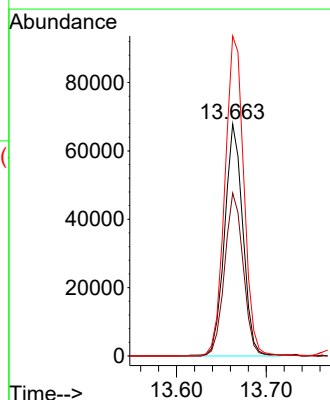
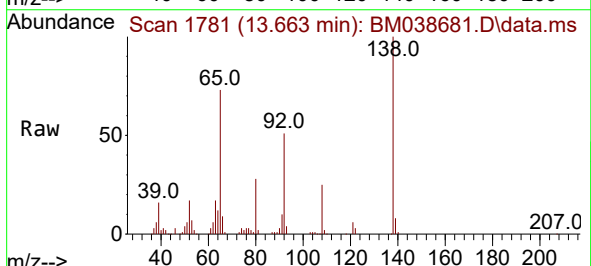
Tgt Ion: 65 Resp: 95812

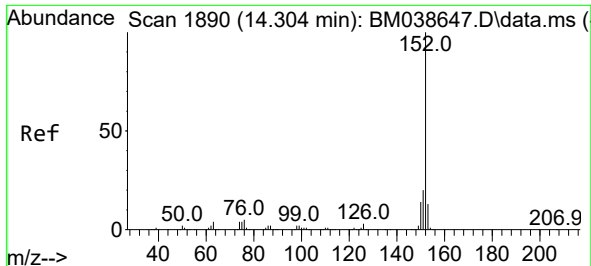
Ion Ratio Lower Upper

65 100

92 70.2 55.9 83.9

138 137.9 110.6 166.0

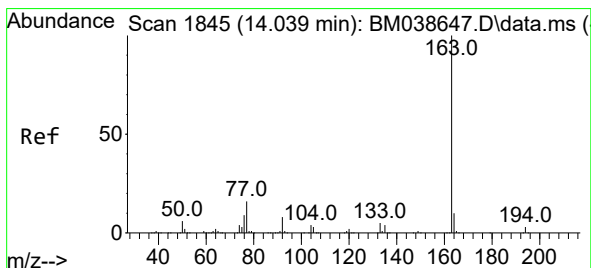
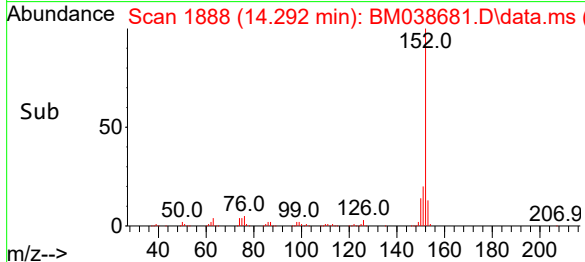
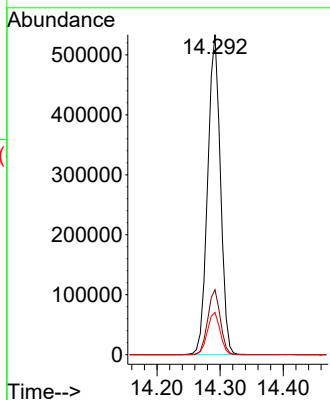
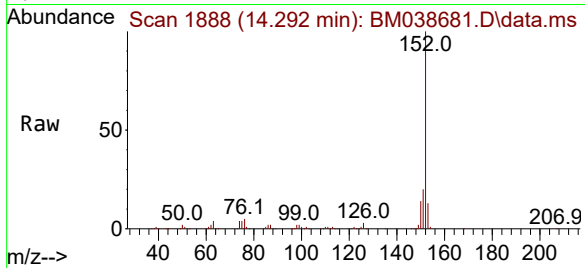




#49
Acenaphthylene
Concen: 39.653 ng
RT: 14.292 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

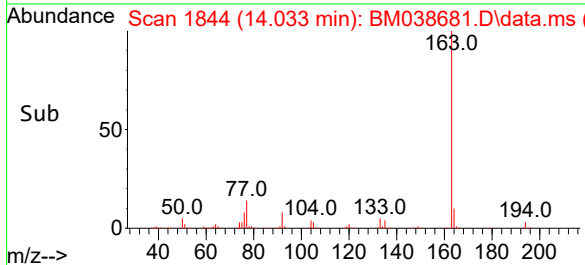
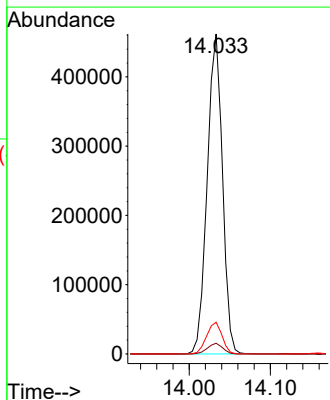
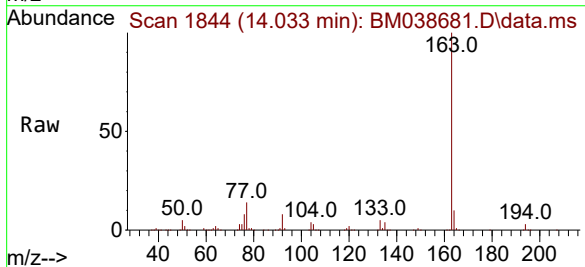
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

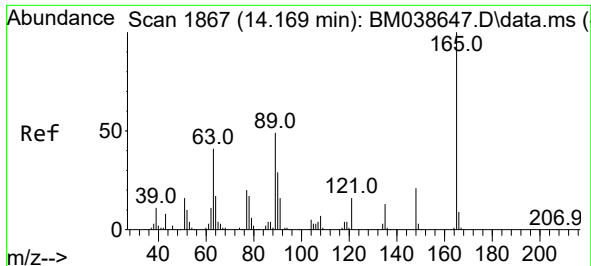
Tgt Ion:152 Resp: 746667
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.2 10.0 15.0



#50
Dimethylphthalate
Concen: 38.391 ng
RT: 14.033 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:163 Resp: 600869
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.2 12.4

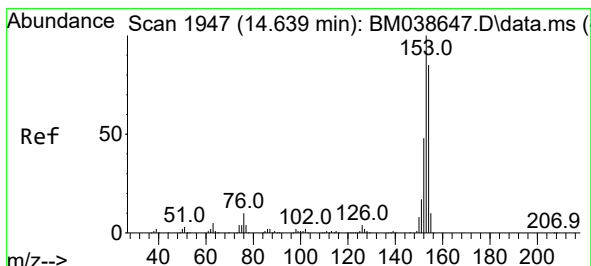
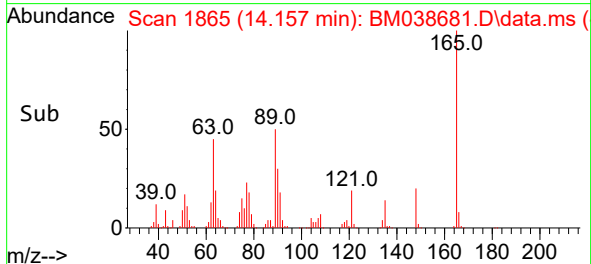
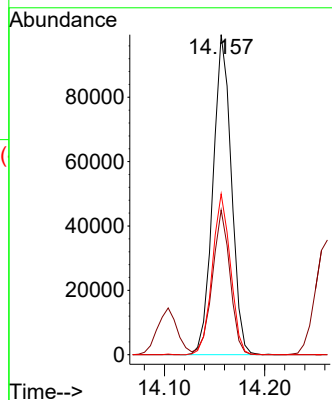
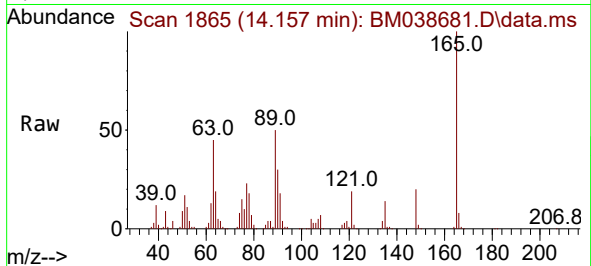




#51
2,6-Dinitrotoluene
Concen: 39.839 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

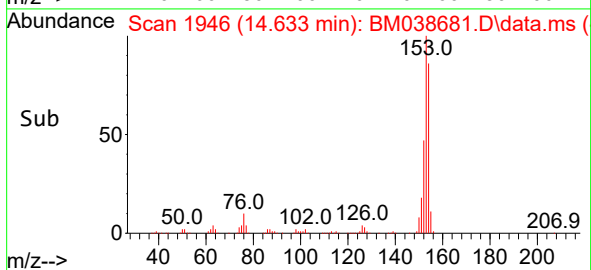
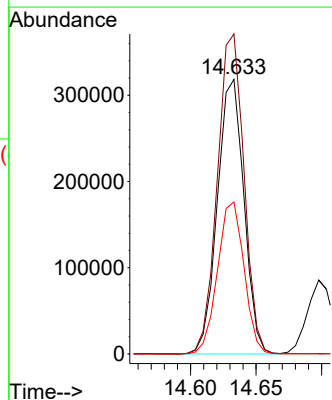
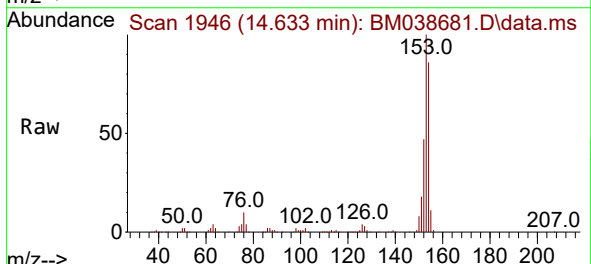
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

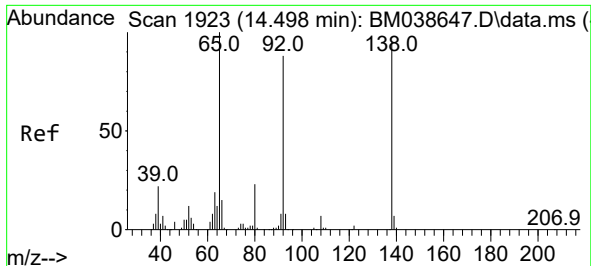
Tgt Ion:165 Resp: 126732
Ion Ratio Lower Upper
165 100
63 45.2 35.8 53.8
89 50.3 39.3 58.9



#52
Acenaphthene
Concen: 39.898 ng
RT: 14.633 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:154 Resp: 448589
Ion Ratio Lower Upper
154 100
153 116.5 93.7 140.5
152 55.3 44.6 67.0

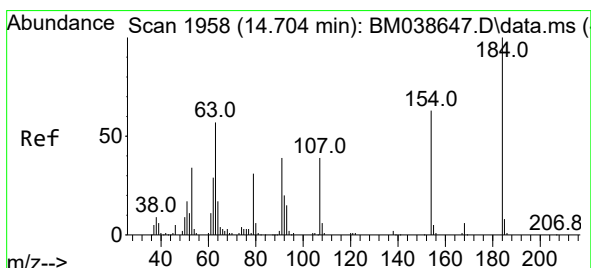
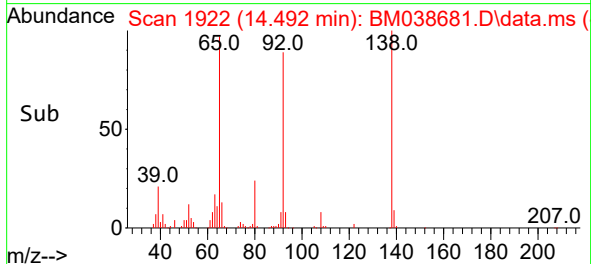
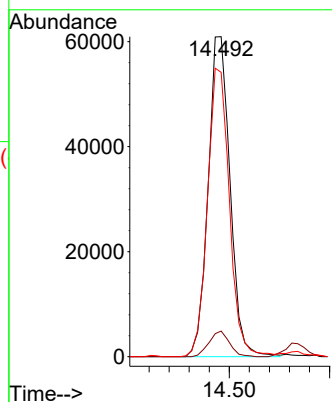
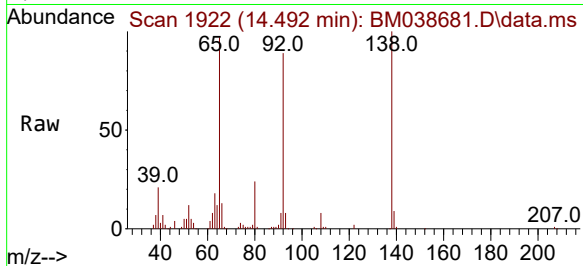




#53
3-Nitroaniline
Concen: 28.517 ng
RT: 14.492 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

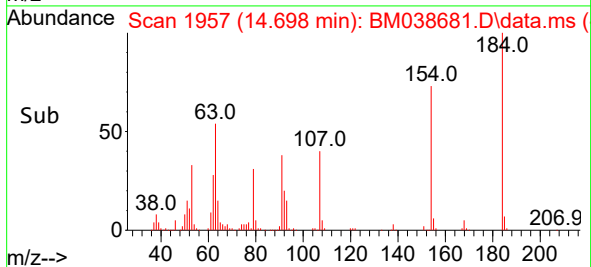
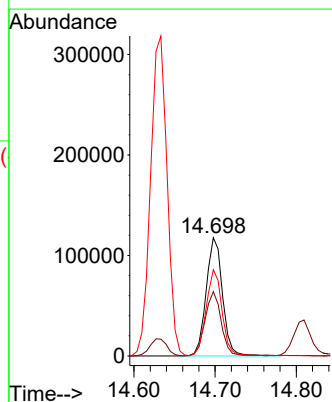
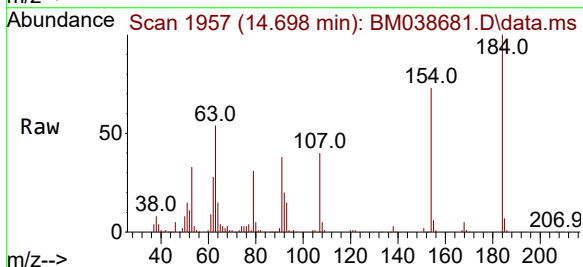
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

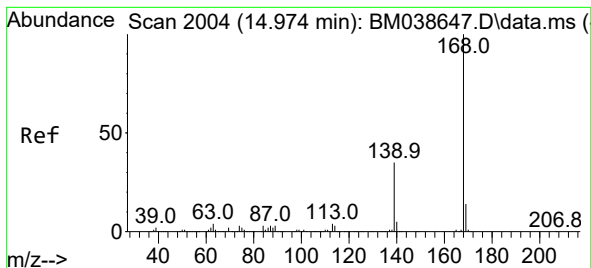
Tgt Ion:138 Resp: 92665
Ion Ratio Lower Upper
138 100
108 8.0 5.8 8.8
92 88.8 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 79.532 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:184 Resp: 164678
Ion Ratio Lower Upper
184 100
63 54.3 45.9 68.9
154 72.9 54.9 82.3





#55

Dibenzofuran

Concen: 38.537 ng

RT: 14.962 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

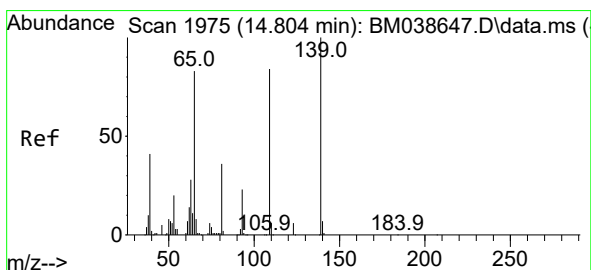
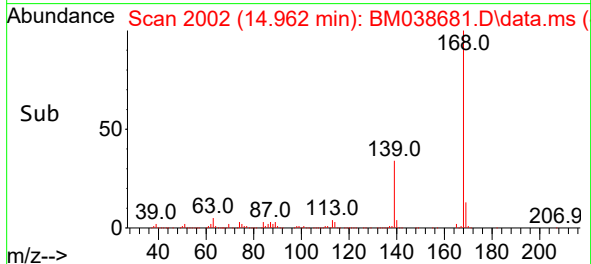
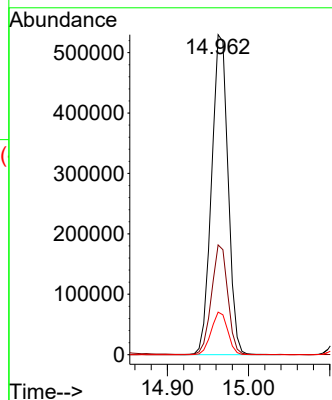
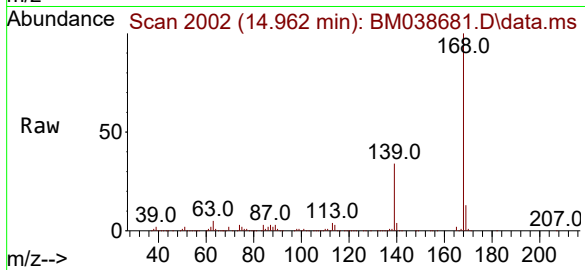
Tgt Ion:168 Resp: 746133

Ion Ratio Lower Upper

168 100

139 34.3 27.8 41.6

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 79.622 ng

RT: 14.810 min Scan# 1976

Delta R.T. 0.006 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

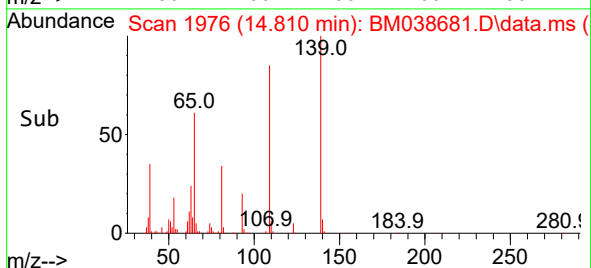
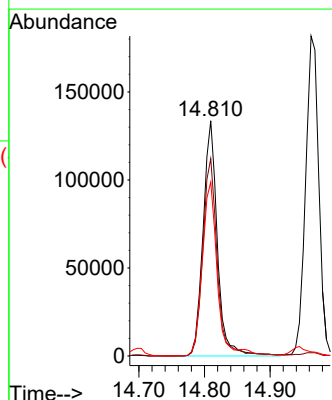
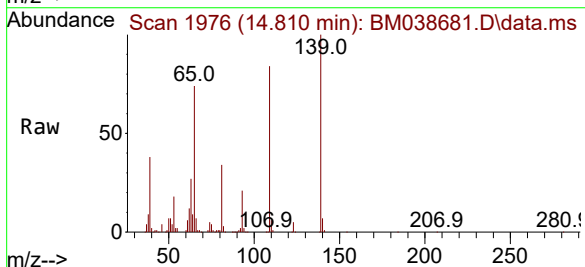
Tgt Ion:139 Resp: 203140

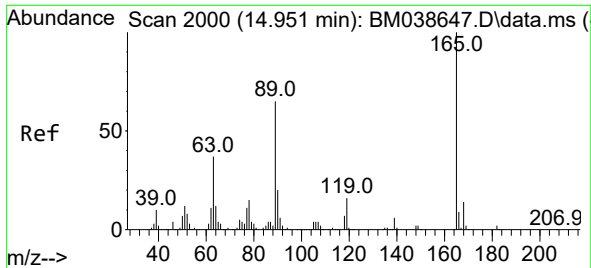
Ion Ratio Lower Upper

139 100

109 83.9 63.8 103.8

65 74.0 62.5 102.5

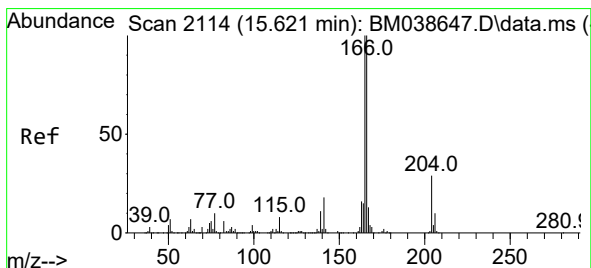
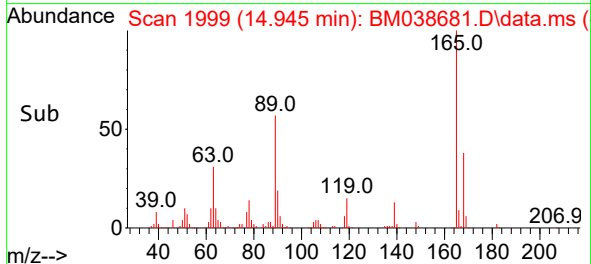
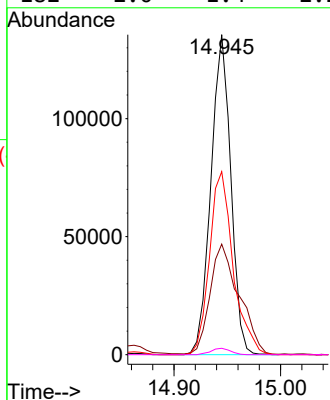
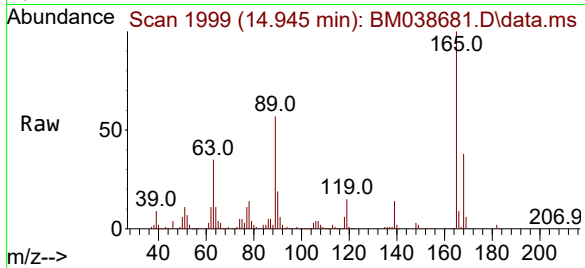




#57
2,4-Dinitrotoluene
Concen: 37.717 ng
RT: 14.945 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

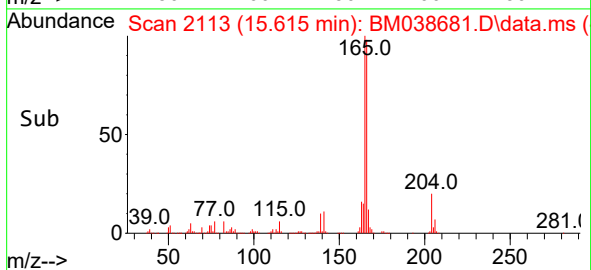
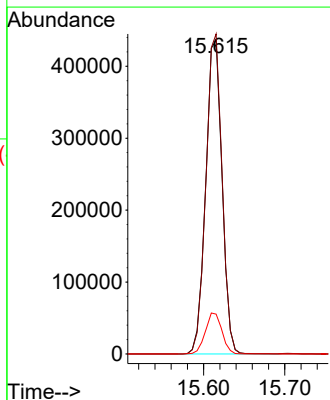
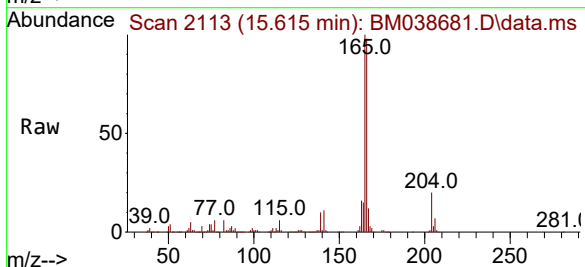
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

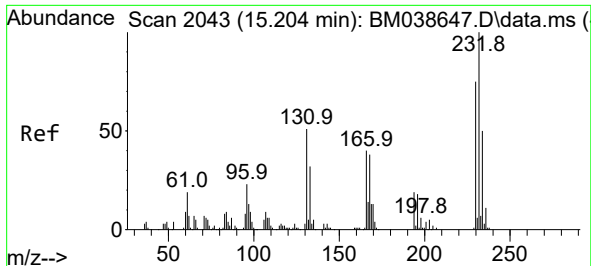
Tgt Ion:165 Resp: 175345
Ion Ratio Lower Upper
165 100
63 34.6 29.4 44.0
89 57.2 51.8 77.6
182 2.0 1.4 2.2



#58
Fluorene
Concen: 39.755 ng
RT: 15.615 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:166 Resp: 609033
Ion Ratio Lower Upper
166 100
165 101.8 80.2 120.4
167 12.7 10.7 16.1

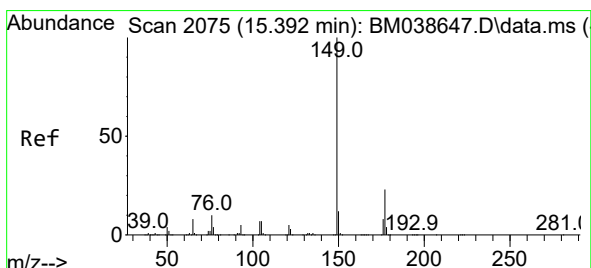
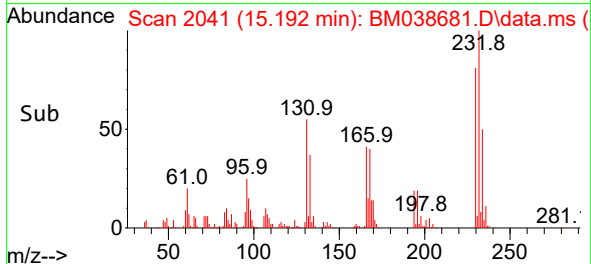
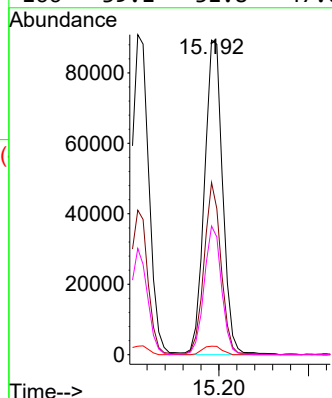
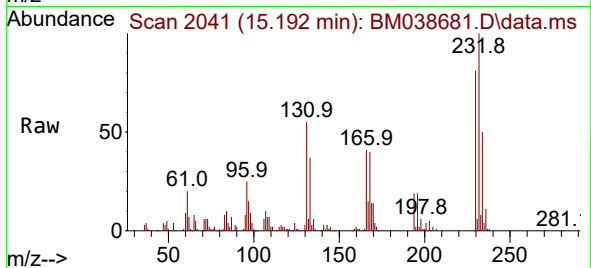




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.123 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

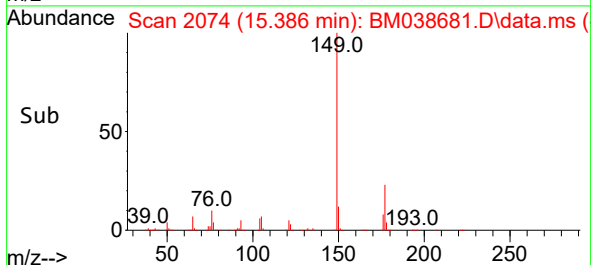
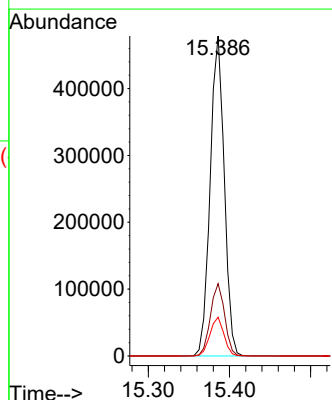
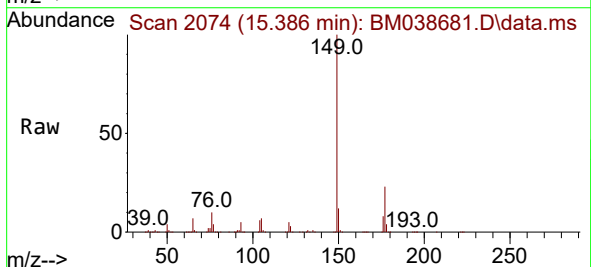
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

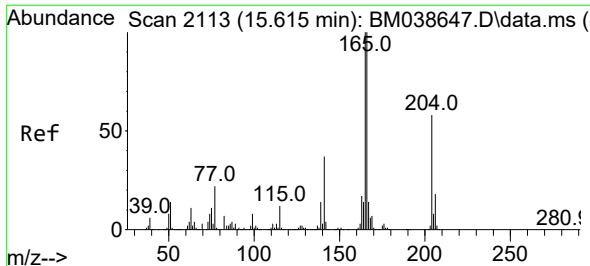
Tgt Ion:232 Resp: 125651
Ion Ratio Lower Upper
232 100
131 51.1 41.2 61.8
130 2.9 2.4 3.6
166 39.1 31.8 47.6



#60
Diethylphthalate
Concen: 38.818 ng
RT: 15.386 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:149 Resp: 575572
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.1 10.0 15.0

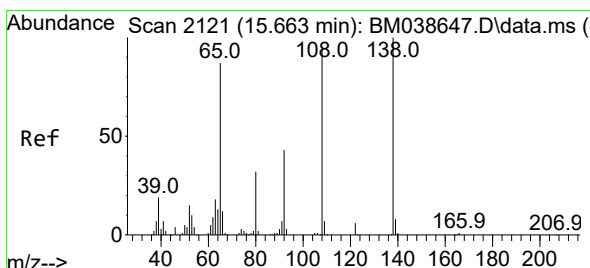
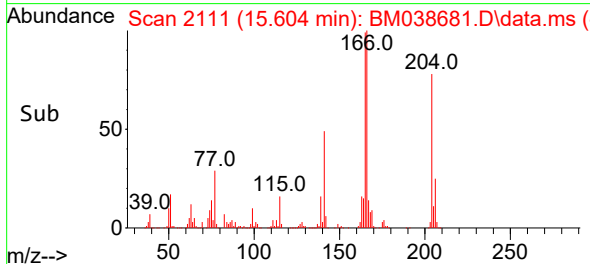
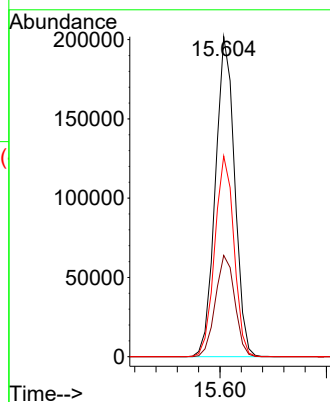
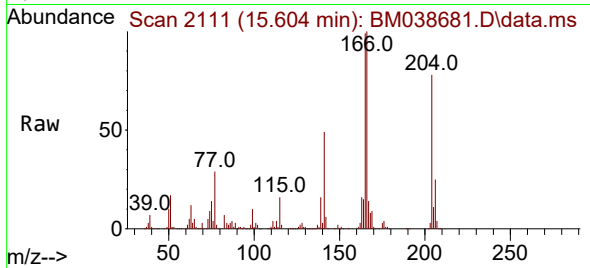




#61
4-Chlorophenyl-phenylether
Concen: 38.871 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

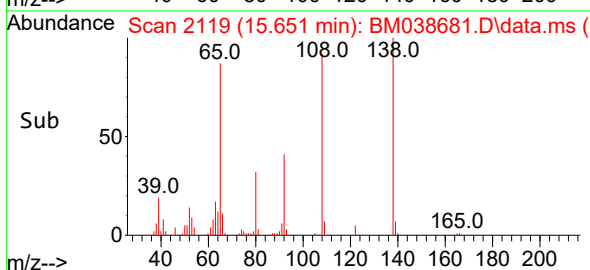
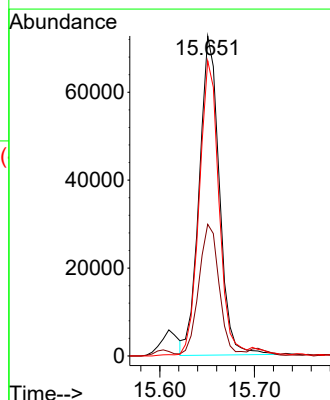
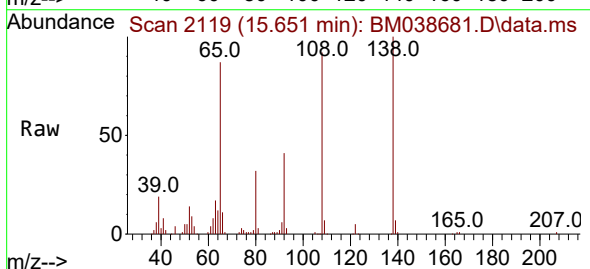
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

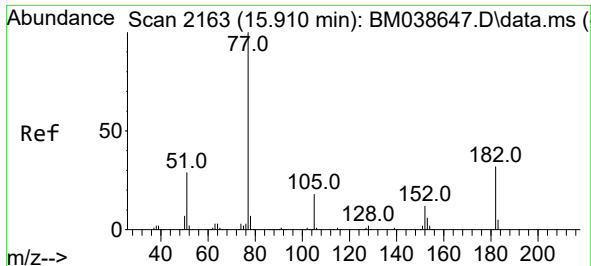
Tgt Ion:204 Resp: 252627
Ion Ratio Lower Upper
204 100
206 31.6 25.3 37.9
141 62.7 51.3 76.9



#62
4-Nitroaniline
Concen: 31.930 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:138 Resp: 106920
Ion Ratio Lower Upper
138 100
92 41.1 23.4 63.4
108 92.3 75.1 115.1

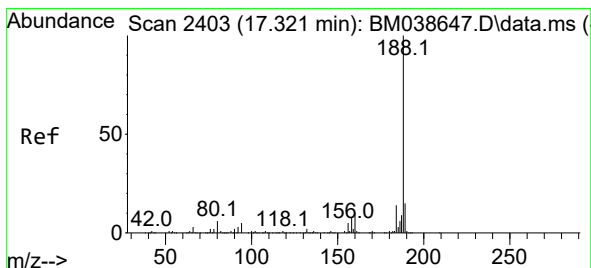
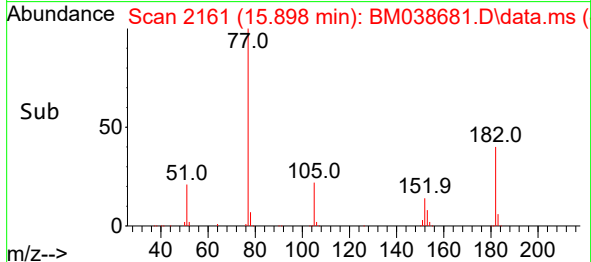
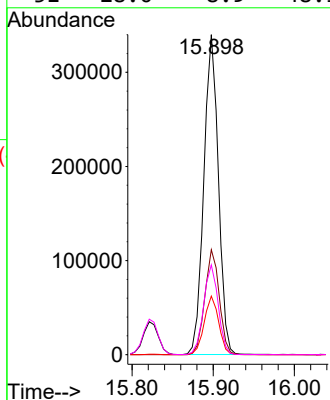
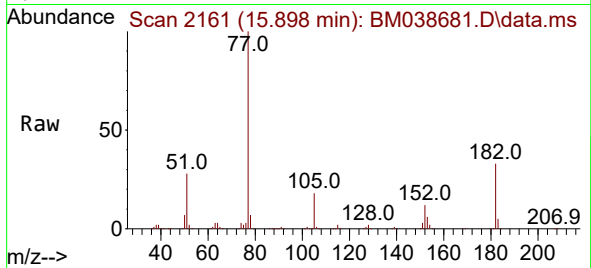




#63
Azobenzene
Concen: 36.998 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

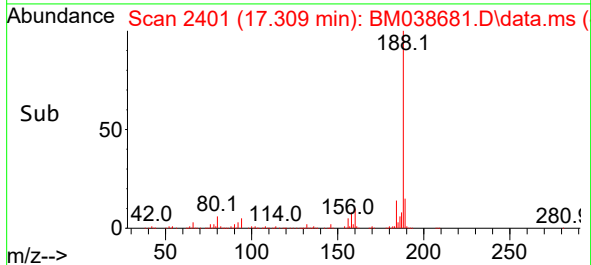
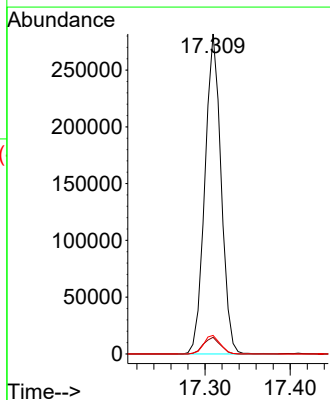
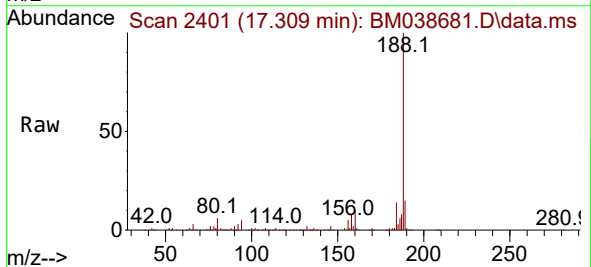
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

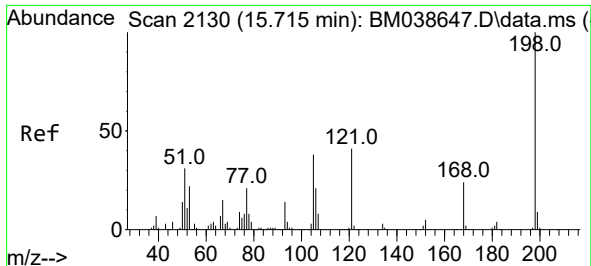
Tgt Ion: 77	Resp: 422068
Ion Ratio	Lower Upper
77 100	
182 32.8	12.0 52.0
105 18.3	0.0 37.5
51 28.0	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion: 188	Resp: 372217
Ion Ratio	Lower Upper
188 100	
94 5.2	4.2 6.4
80 5.8	4.6 7.0

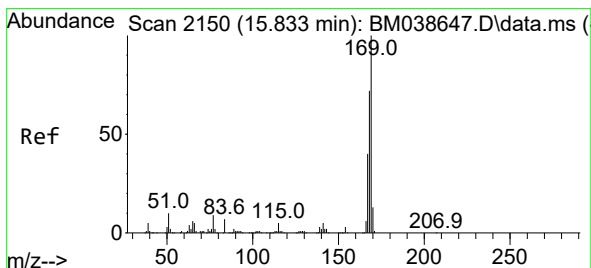
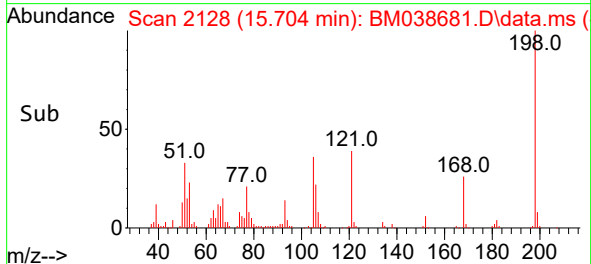
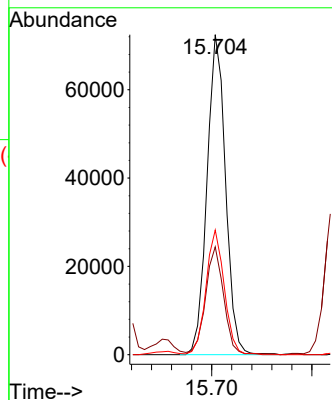
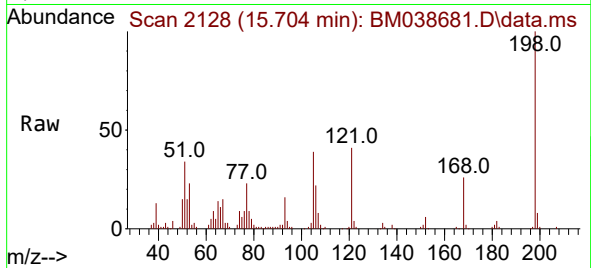




#65
4,6-Dinitro-2-methylphenol
Concen: 39.808 ng
RT: 15.704 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

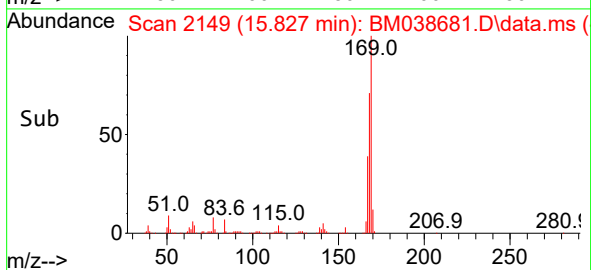
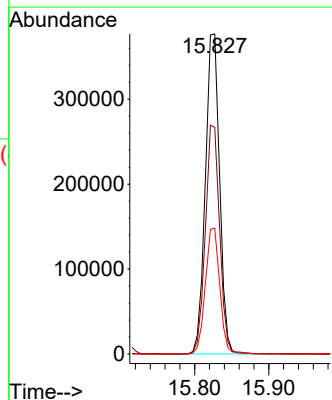
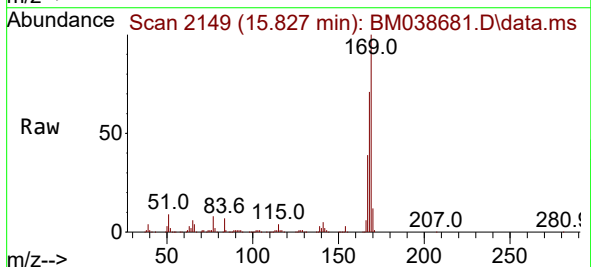
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

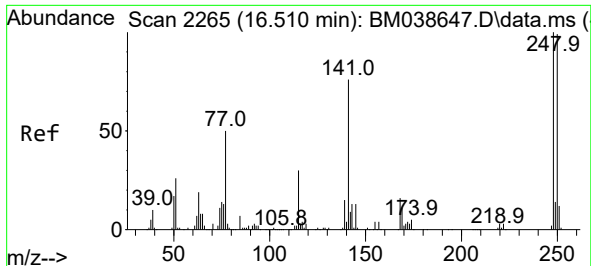
Tgt Ion:198 Resp: 93277
Ion Ratio Lower Upper
198 100
51 33.7 13.0 53.0
105 38.9 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 41.497 ng
RT: 15.827 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:169 Resp: 504340
Ion Ratio Lower Upper
169 100
168 70.8 57.6 86.4
167 39.3 32.3 48.5

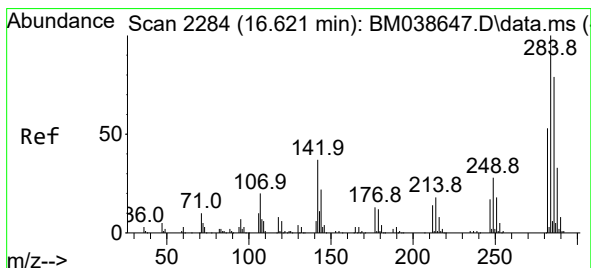
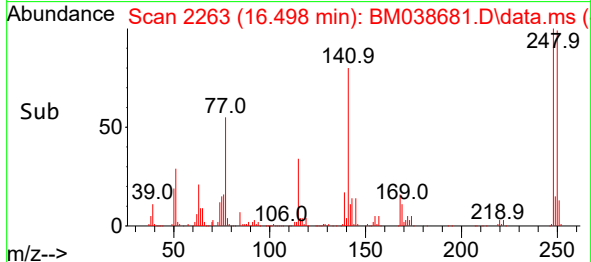
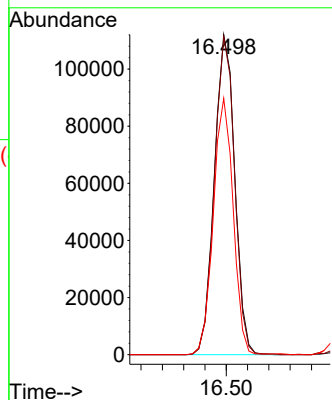
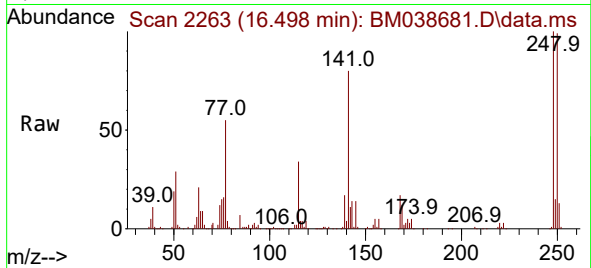




#67
4-Bromophenyl-phenylether
Concen: 41.550 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

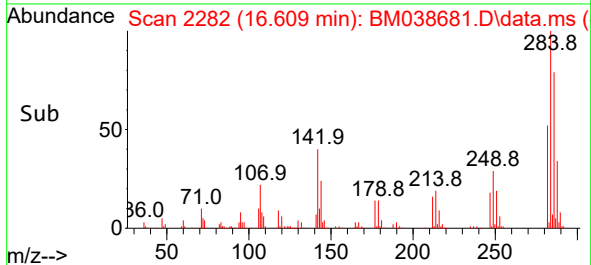
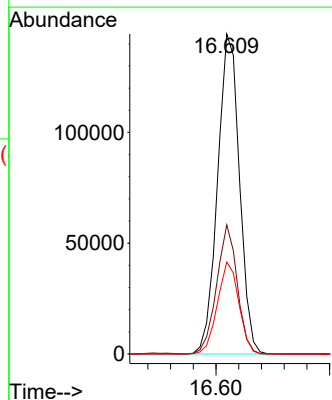
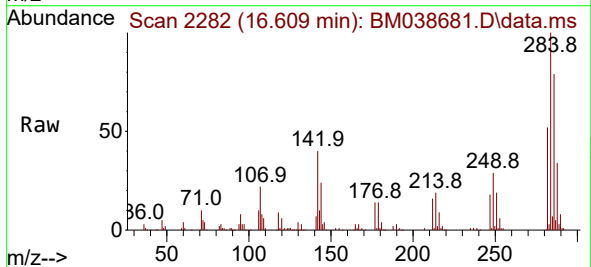
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

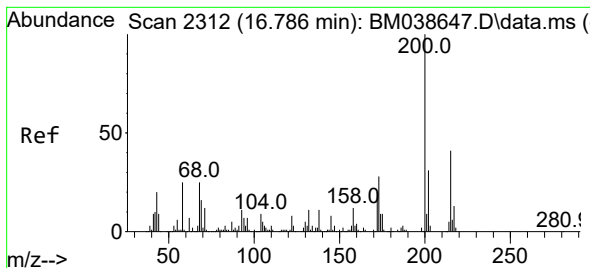
Tgt Ion:248 Resp: 149330
Ion Ratio Lower Upper
248 100
250 99.3 79.4 119.2
141 80.1 61.0 91.6



#68
Hexachlorobenzene
Concen: 43.992 ng
RT: 16.609 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:284 Resp: 193230
Ion Ratio Lower Upper
284 100
142 40.4 29.8 44.6
249 28.8 22.2 33.4





#69

Atrazine

Concen: 44.431 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

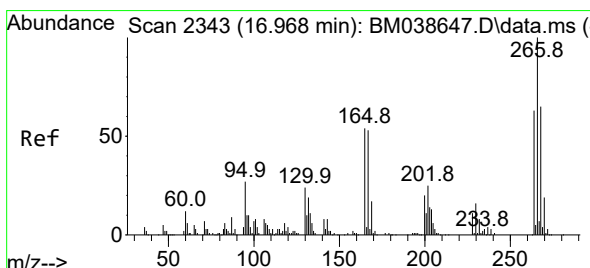
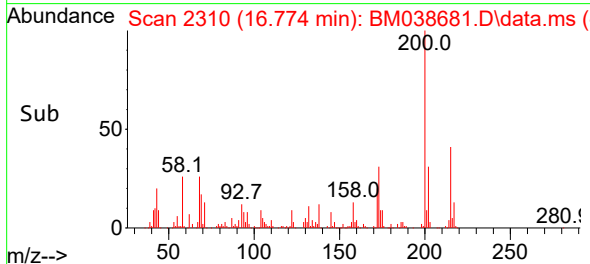
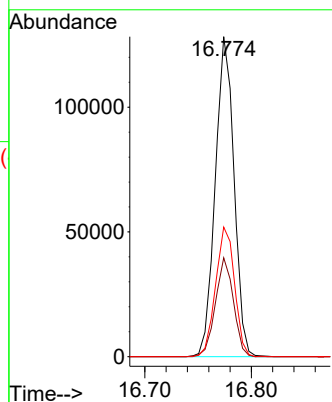
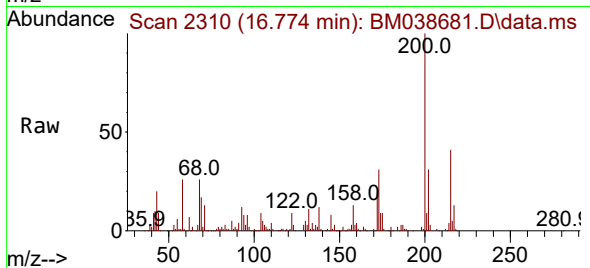
Tgt Ion:200 Resp: 156510

Ion Ratio Lower Upper

200 100

173 30.9 7.9 47.9

215 40.5 20.8 60.8



#70

Pentachlorophenol

Concen: 74.093 ng

RT: 16.962 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

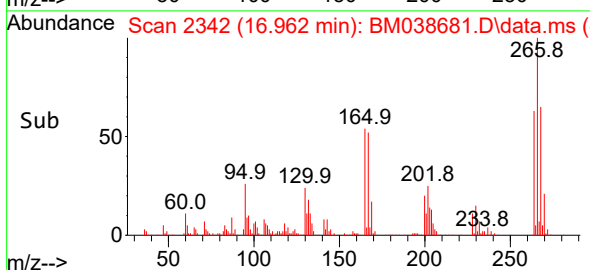
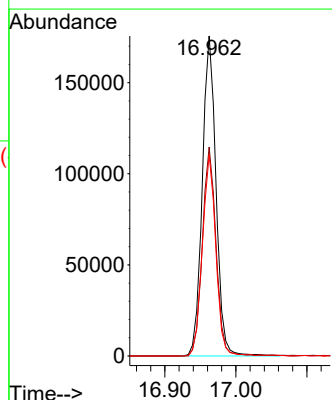
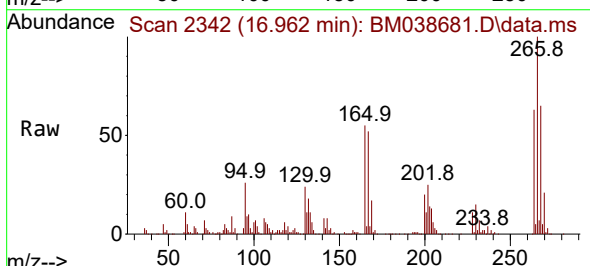
Tgt Ion:266 Resp: 237238

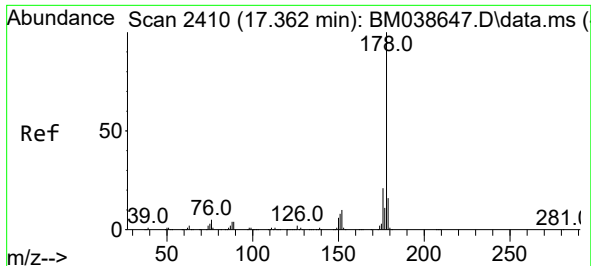
Ion Ratio Lower Upper

266 100

268 65.3 51.8 77.6

264 63.0 50.6 76.0

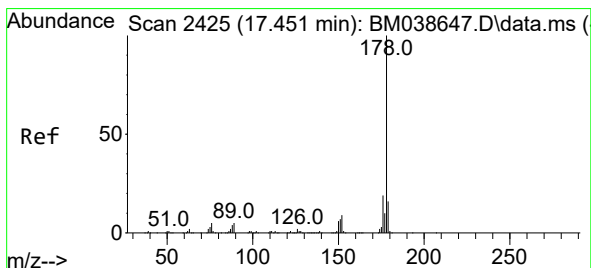
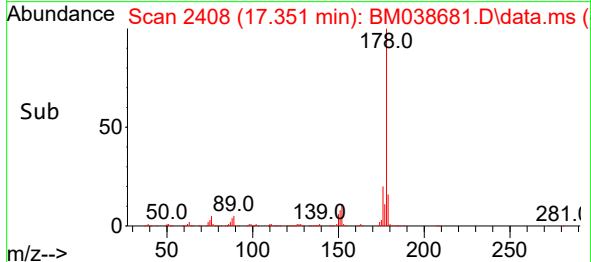
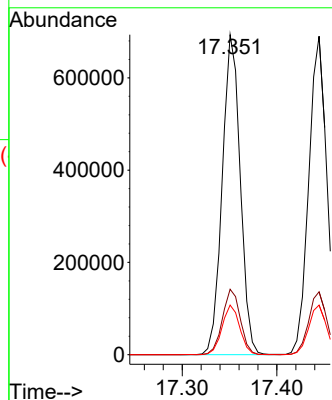
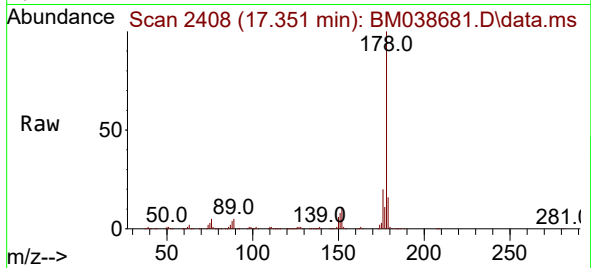




#71
Phenanthrene
Concen: 41.542 ng
RT: 17.351 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

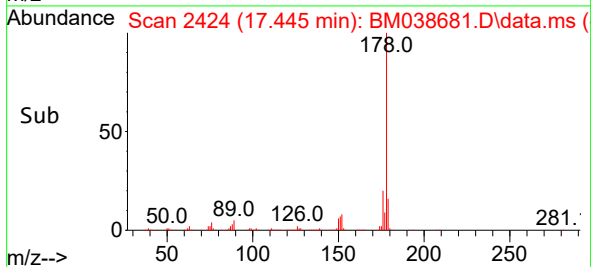
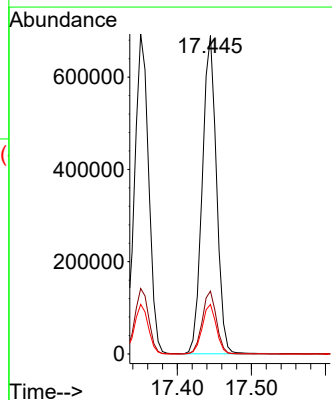
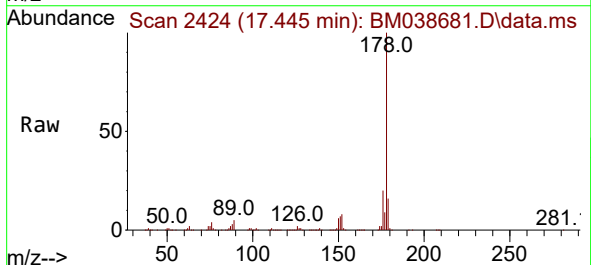
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

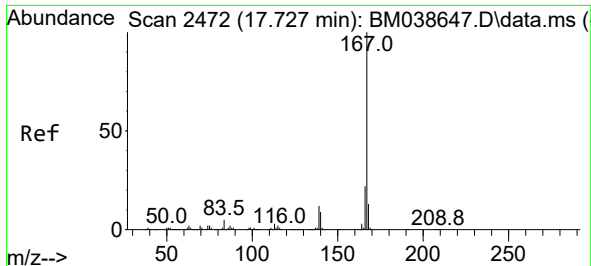
Tgt Ion:178 Resp: 918135
Ion Ratio Lower Upper
178 100
176 20.5 16.7 25.1
179 15.5 12.5 18.7



#72
Anthracene
Concen: 40.724 ng
RT: 17.445 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:178 Resp: 920763
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.4 18.6

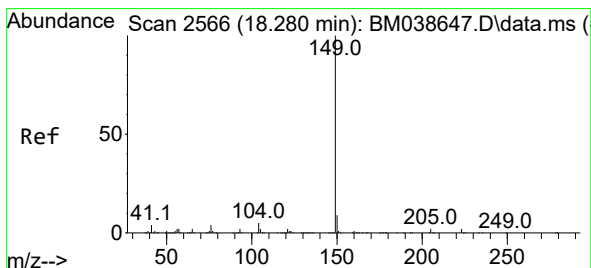
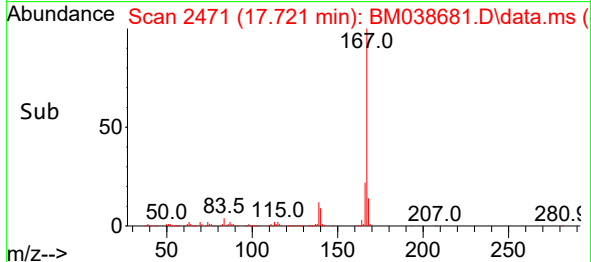
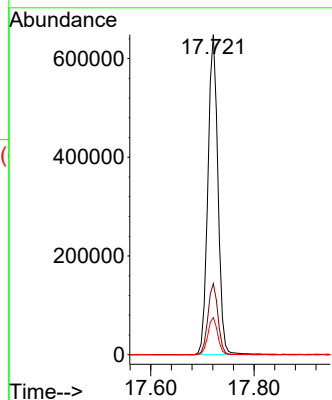
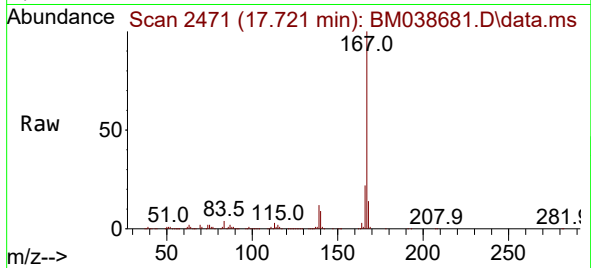




#73
 Carbazole
 Concen: 41.467 ng
 RT: 17.721 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BM038681.D
 Acq: 03 Feb 2023 15:20

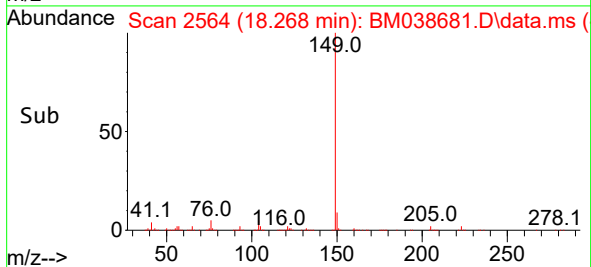
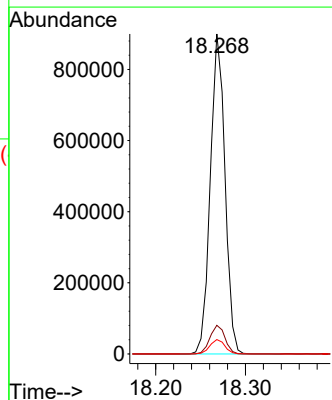
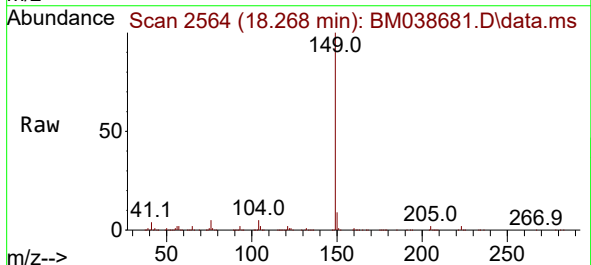
Instrument :
 BNA_M
 ClientSampleId :
 PB150629BSD

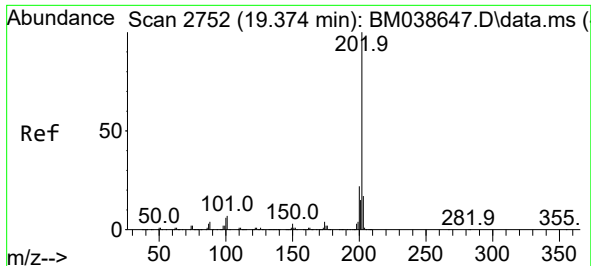
Tgt Ion:167 Resp: 874402
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 11.6 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 42.819 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BM038681.D
 Acq: 03 Feb 2023 15:20

Tgt Ion:149 Resp: 1020088
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.5 3.8 5.6

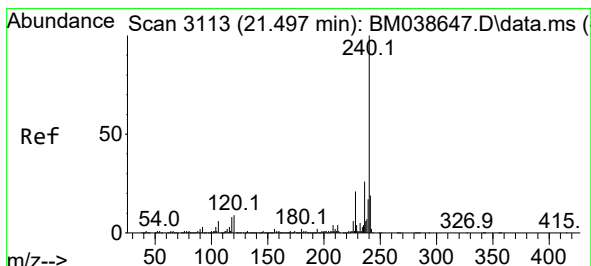
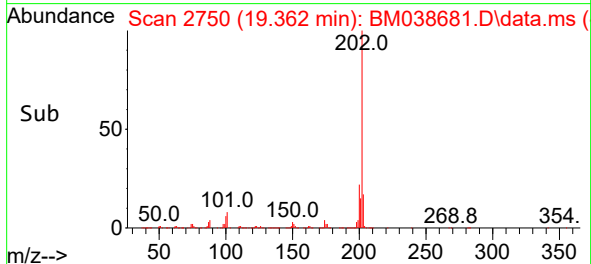
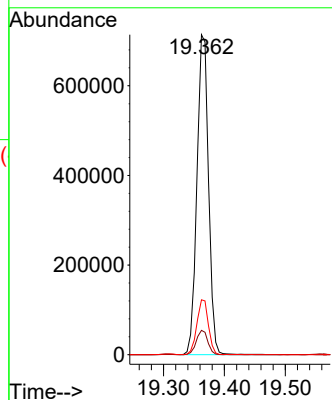
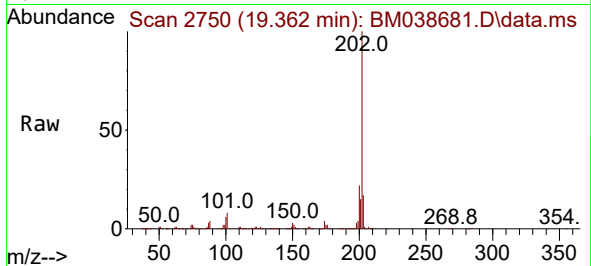




#75
Fluoranthene
Concen: 40.672 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

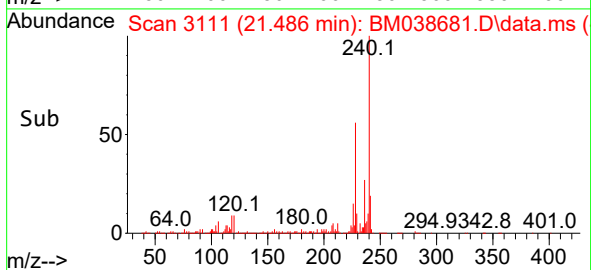
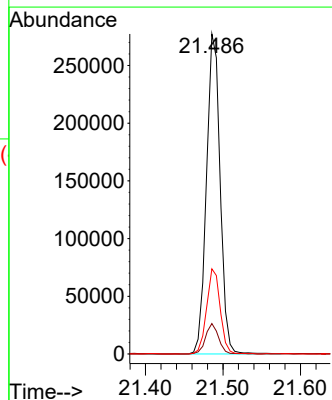
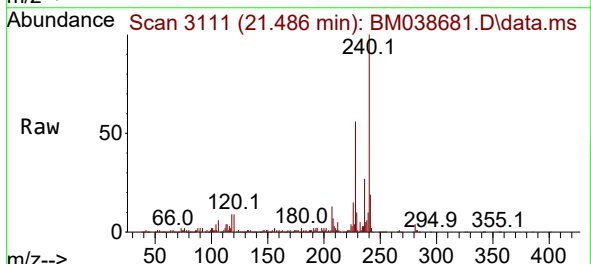
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

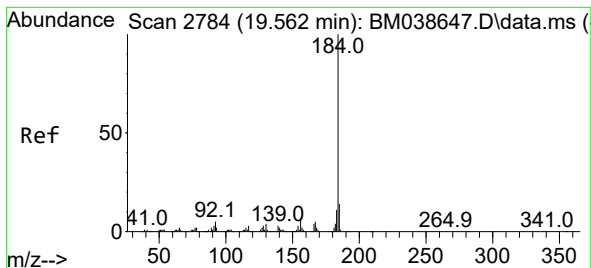
Tgt Ion:202 Resp: 943789
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.4
203 17.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:240 Resp: 339956
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.4
236 26.6 20.9 31.3





#77

Benzidine

Concen: 36.474 ng

RT: 19.556 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

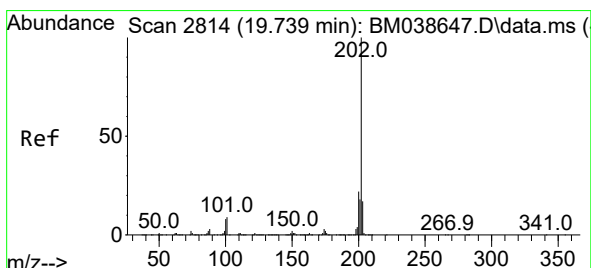
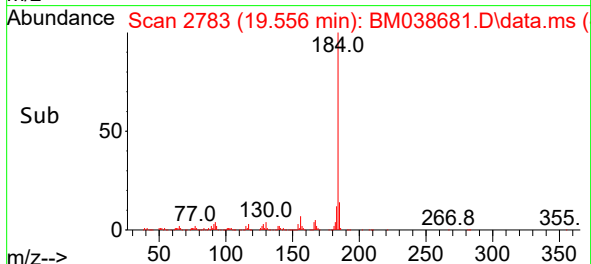
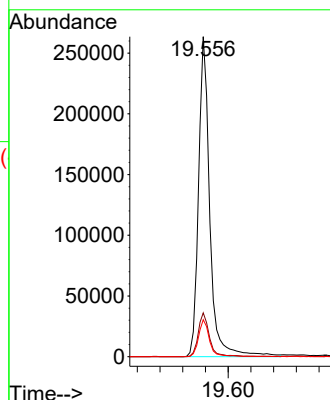
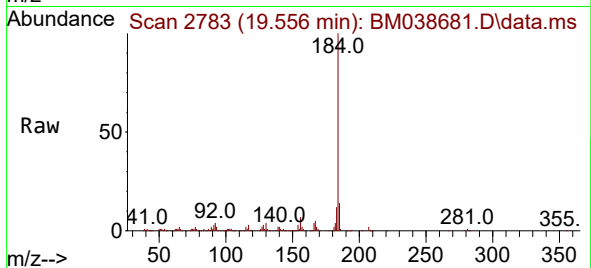
Tgt Ion:184 Resp: 364368

Ion Ratio Lower Upper

184 100

185 13.7 10.8 16.2

183 11.6 8.8 13.2



#78

Pyrene

Concen: 38.111 ng

RT: 19.727 min Scan# 2812

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

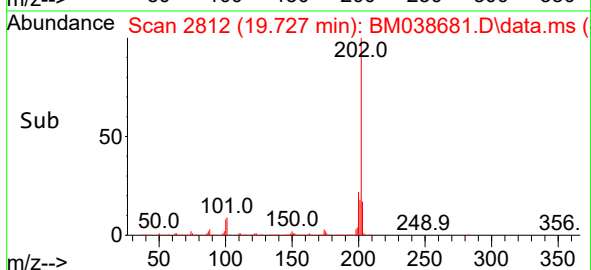
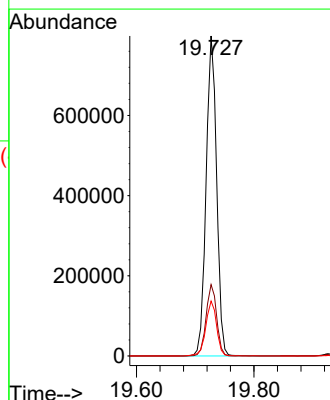
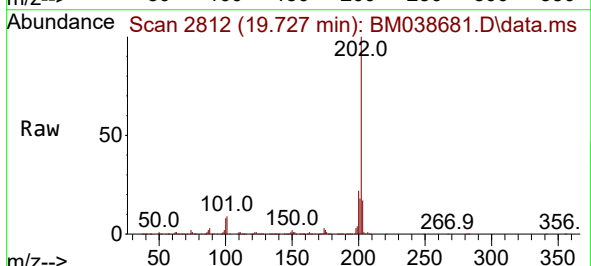
Tgt Ion:202 Resp: 997489

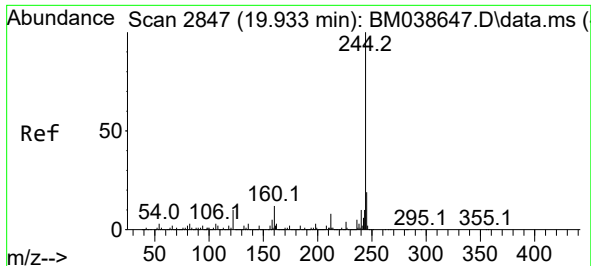
Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

203 17.1 13.5 20.3

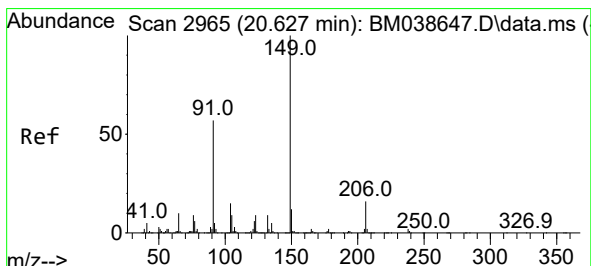
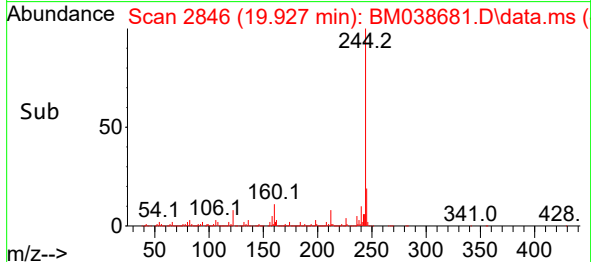
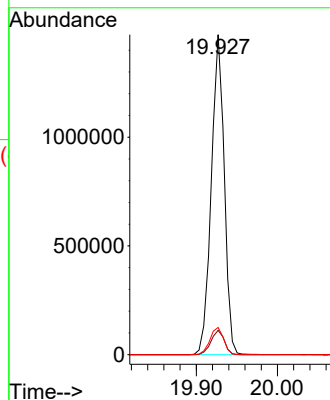
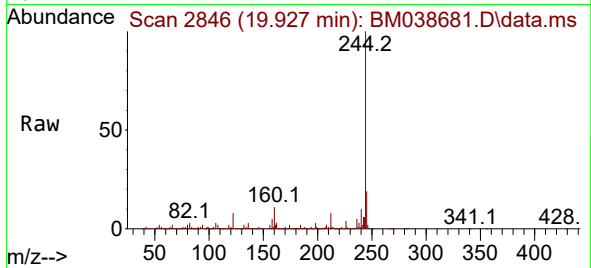




#79
 Terphenyl-d14
 Concen: 84.408 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038681.D
 Acq: 03 Feb 2023 15:20

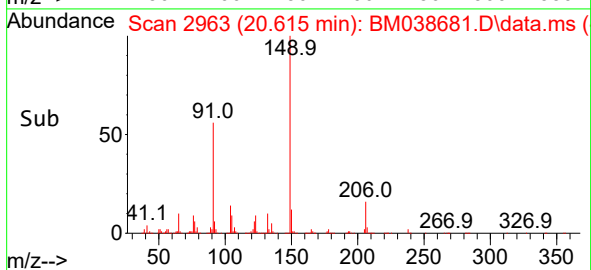
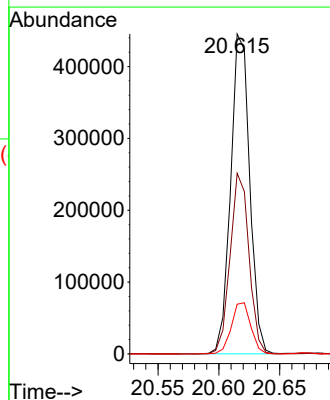
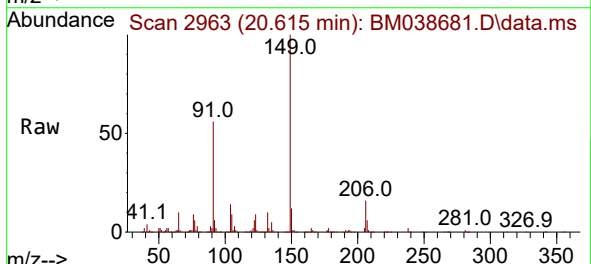
Instrument :
 BNA_M
 ClientSampleId :
 PB150629BSD

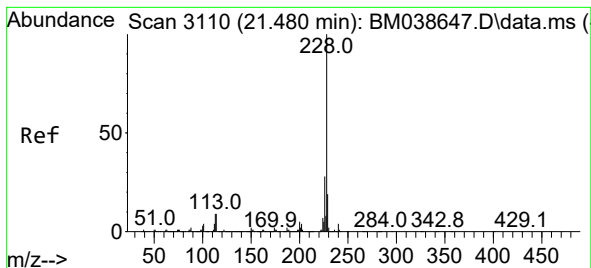
Tgt Ion:244 Resp: 1626085
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 8.5 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 37.538 ng
 RT: 20.615 min Scan# 2963
 Delta R.T. -0.006 min
 Lab File: BM038681.D
 Acq: 03 Feb 2023 15:20

Tgt Ion:149 Resp: 483367
 Ion Ratio Lower Upper
 149 100
 91 56.5 45.6 68.4
 206 15.6 12.5 18.7





#81

Benzo(a)anthracene

Concen: 38.991 ng

RT: 21.474 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

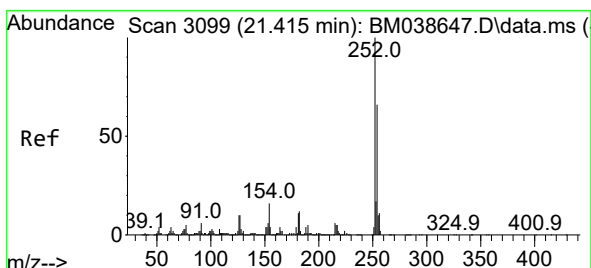
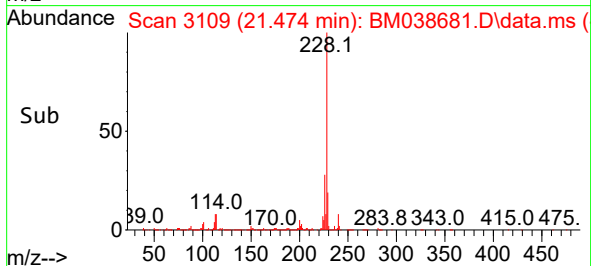
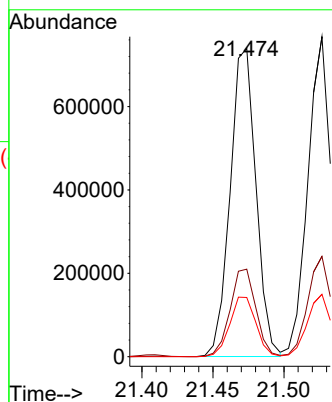
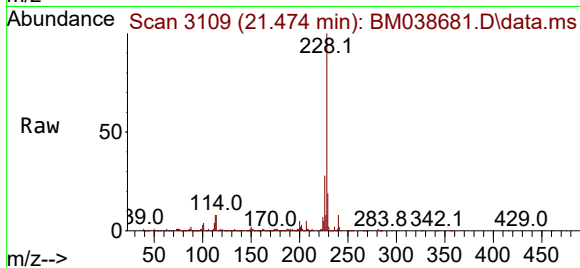
Tgt Ion:228 Resp: 937637

Ion Ratio Lower Upper

228 100

226 28.4 22.2 33.4

229 19.2 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 41.302 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

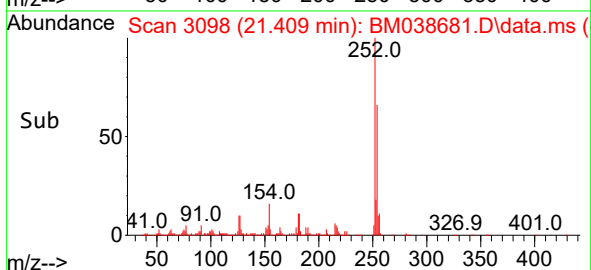
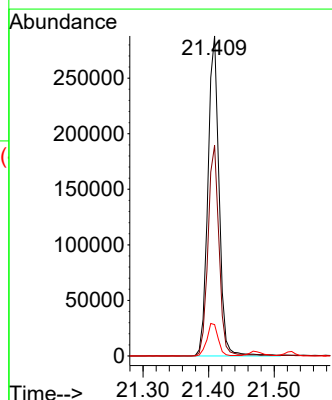
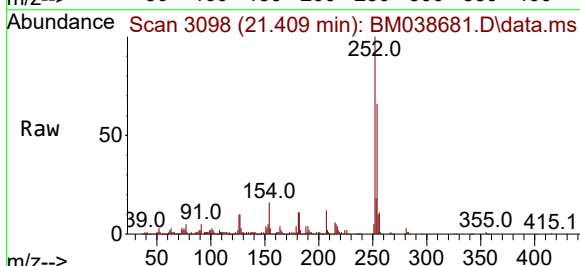
Tgt Ion:252 Resp: 341700

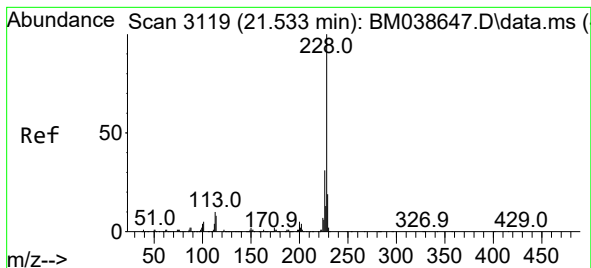
Ion Ratio Lower Upper

252 100

254 65.8 52.8 79.2

126 9.8 8.2 12.2





#83

Chrysene

Concen: 38.194 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

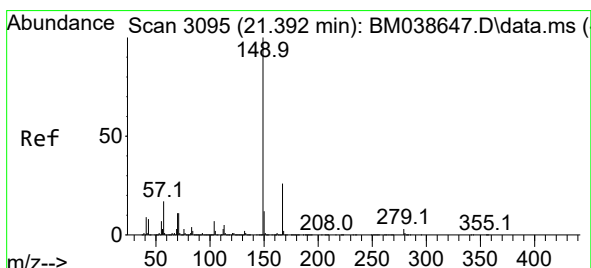
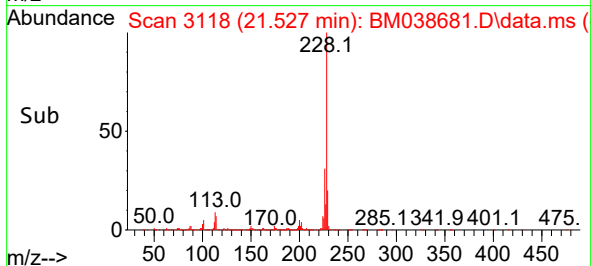
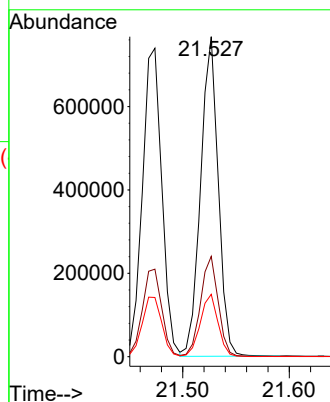
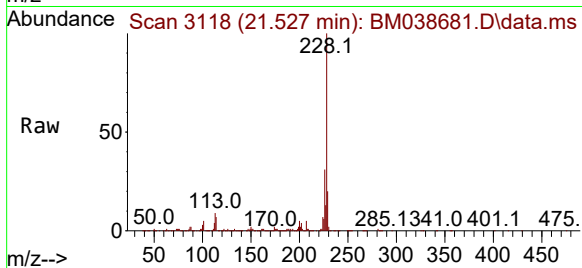
Tgt Ion:228 Resp: 884934

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.656 ng

RT: 21.386 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

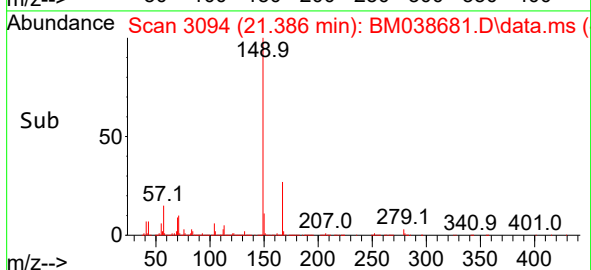
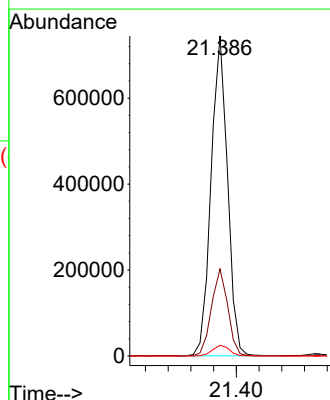
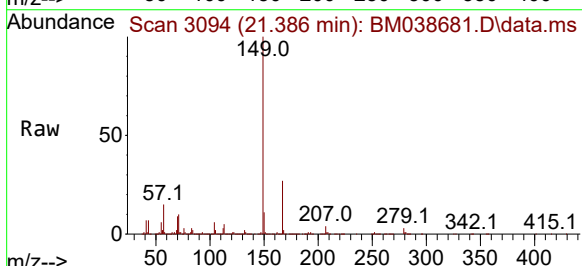
Tgt Ion:149 Resp: 746788

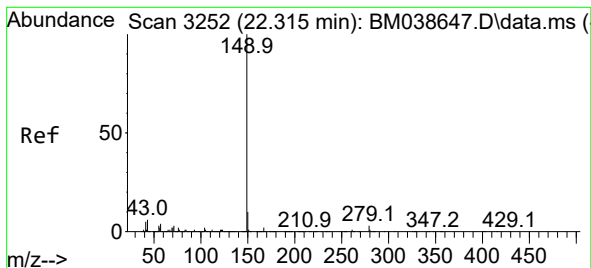
Ion Ratio Lower Upper

149 100

167 27.1 20.8 31.2

279 3.4 2.5 3.7

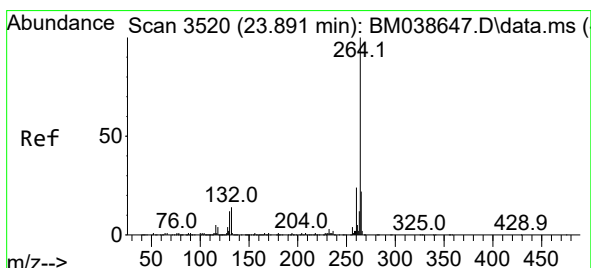
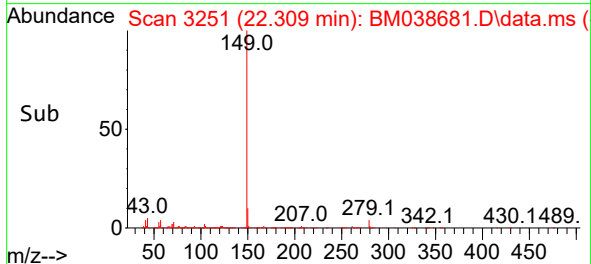
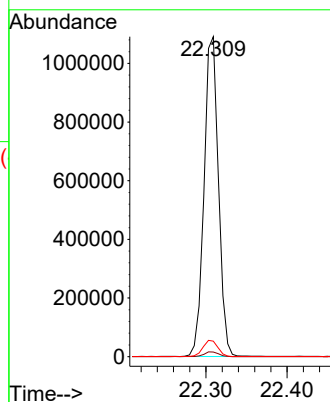
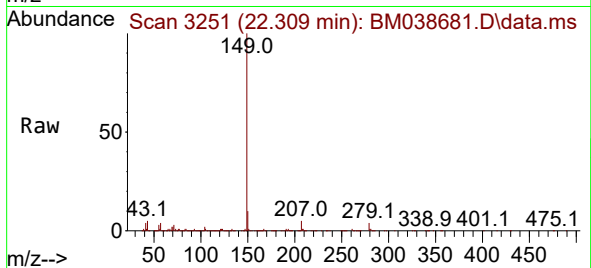




#85
Di-n-octyl phthalate
Concen: 43.479 ng
RT: 22.309 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

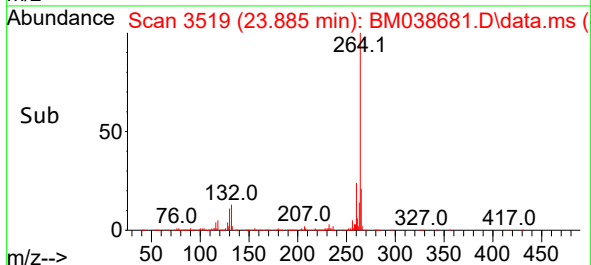
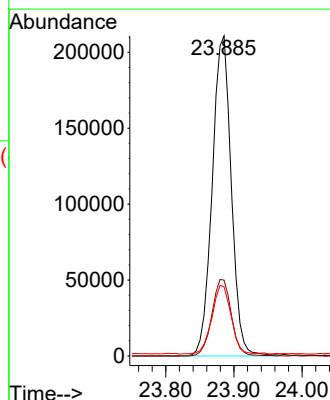
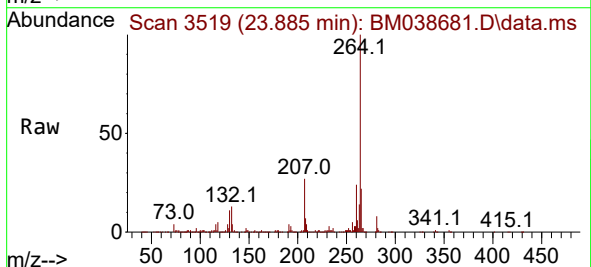
Instrument :
BNA_M
ClientSampleId :
PB150629BSD

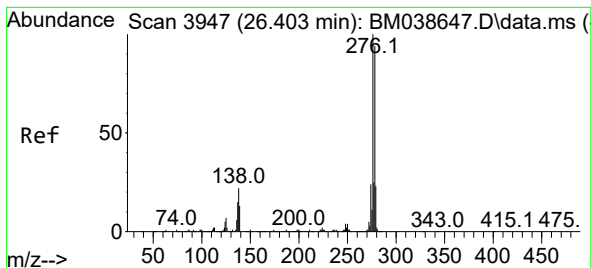
Tgt Ion:149 Resp: 1339502
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 5.3 4.6 6.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.885 min Scan# 3519
Delta R.T. -0.000 min
Lab File: BM038681.D
Acq: 03 Feb 2023 15:20

Tgt Ion:264 Resp: 409920
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.960 ng

RT: 26.379 min Scan# 3943

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

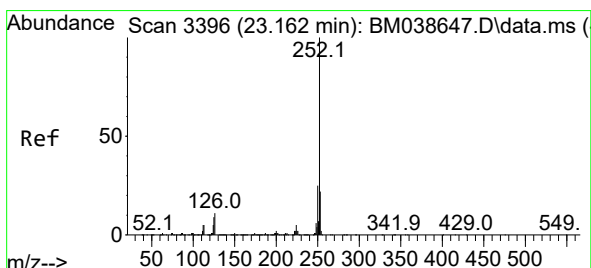
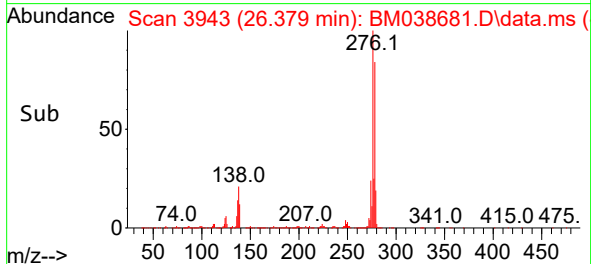
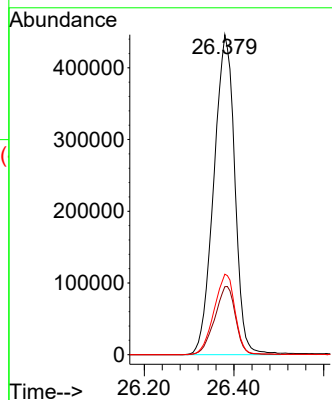
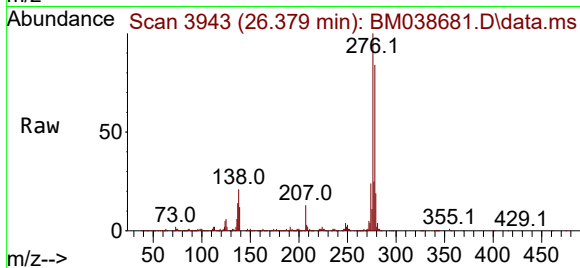
Tgt Ion:276 Resp: 1451680

Ion Ratio Lower Upper

276 100

138 21.3 17.2 25.8

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.061 ng

RT: 23.156 min Scan# 3395

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

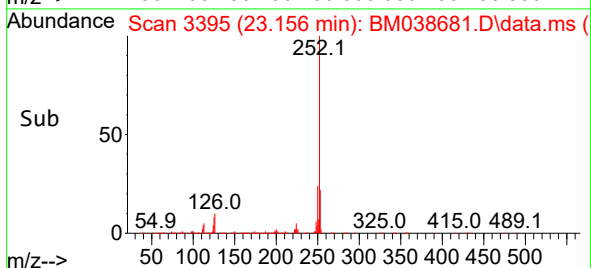
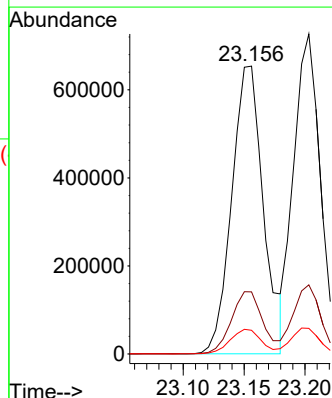
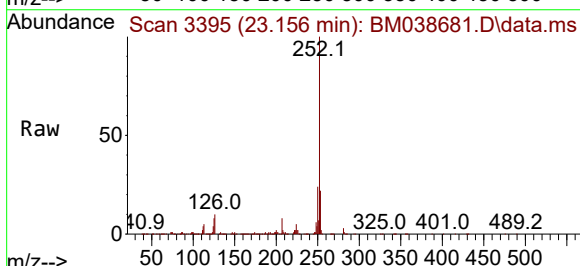
Tgt Ion:252 Resp: 1180029

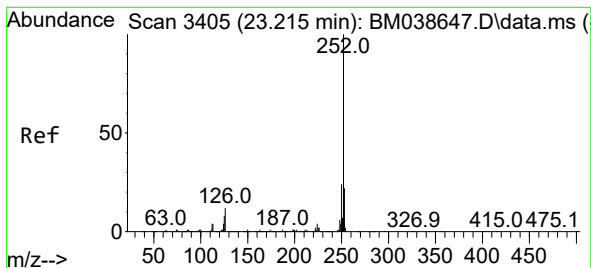
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 44.648 ng

RT: 23.203 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

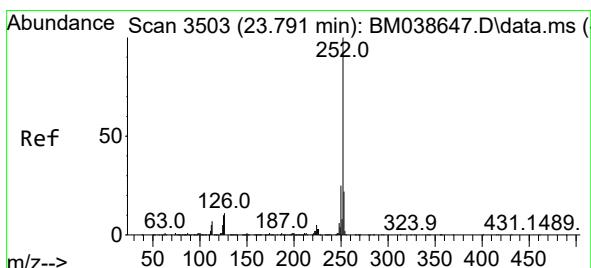
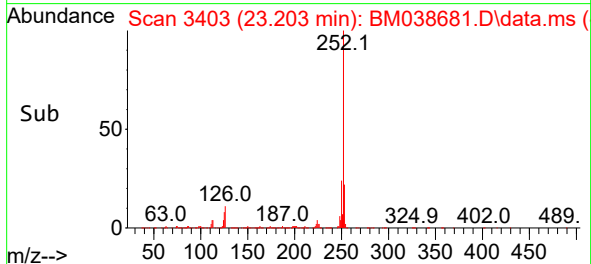
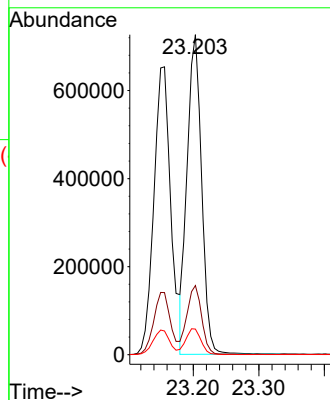
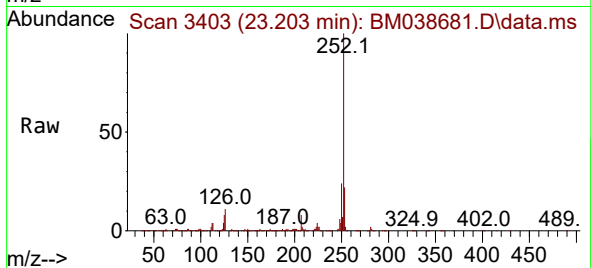
Tgt Ion:252 Resp: 1113185

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 8.0 6.6 9.8



#90

Benzo(a)pyrene

Concen: 41.745 ng

RT: 23.780 min Scan# 3501

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

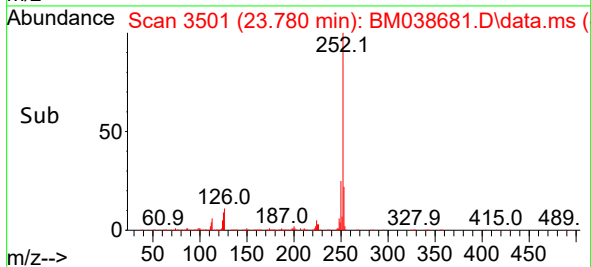
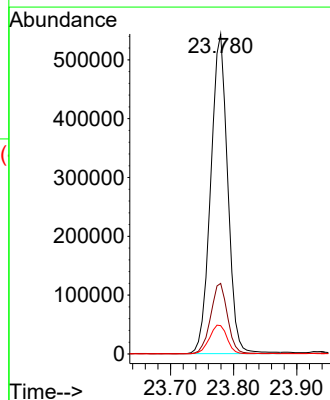
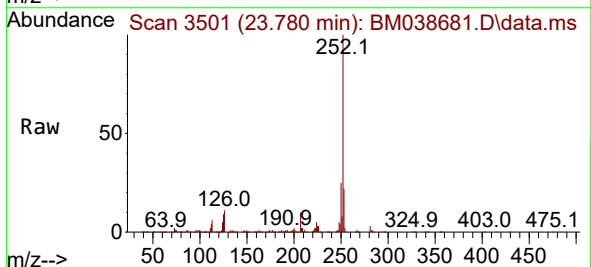
Tgt Ion:252 Resp: 1013594

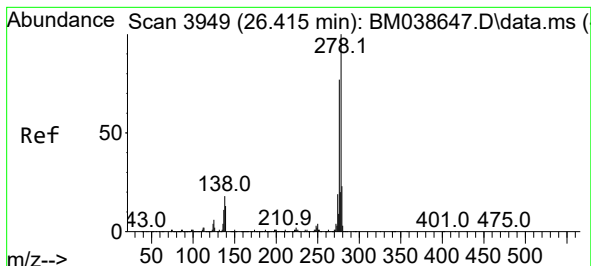
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.9 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 46.659 ng

RT: 26.391 min Scan# 3945

Delta R.T. -0.006 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Instrument :

BNA_M

ClientSampleId :

PB150629BSD

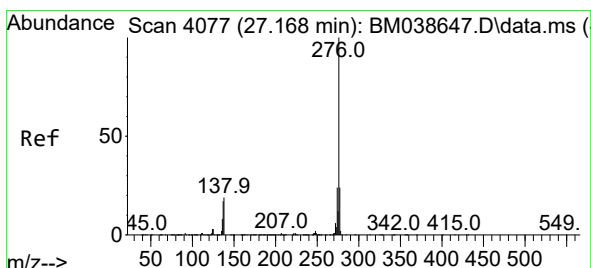
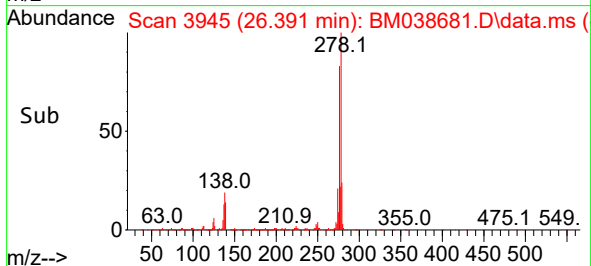
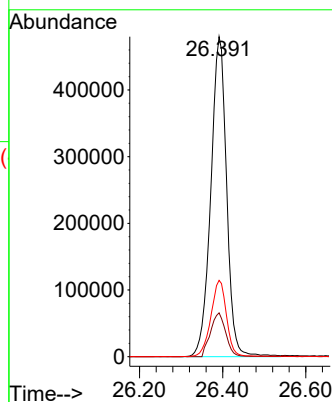
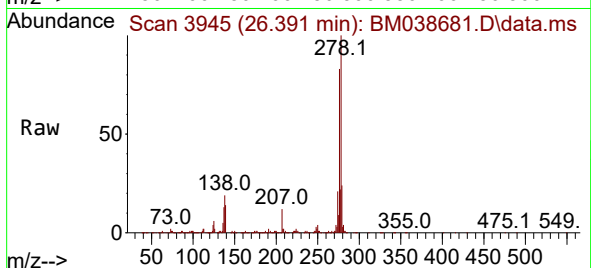
Tgt Ion:278 Resp: 1267485

Ion Ratio Lower Upper

278 100

139 13.7 10.5 15.7

279 23.8 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 45.722 ng

RT: 27.150 min Scan# 4074

Delta R.T. -0.000 min

Lab File: BM038681.D

Acq: 03 Feb 2023 15:20

Tgt Ion:276 Resp: 1255504

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 18.6 15.3 22.9

