

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038618.D
 Acq On : 31 Jan 2023 14:13
 Operator : CG/JU
 Sample : 01311-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:03:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	78103	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	96805	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	72177	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	164265	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.504	240	224504	20.000	ng/ul	# 0.00
88) Perylene-d12	23.909	264	308912	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	9939	4.537	ng/uL	0.00
4) Pyridine-d5	3.769	84	51387	9.368	ng/ul	0.00
7) Phenol-d5	7.116	99	42845	8.218	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	127158	41.786	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	127051	29.386	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	74262	17.853	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	24322	33.146	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	31988	33.010	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	69115	32.227	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	52335	25.111	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	222349	37.293	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	230183	36.279	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	5785	7.014	ng/ul	0.00
60) Fluorene-d10	15.580	176	195537	36.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	49875	35.470	ng/ul	0.00
73) Anthracene-d10	17.333	188	164265	19.866	ng/ul	-0.10
81) Pyrene-d10	19.721	212	482432	41.704	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	649958	40.991	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	10208	4.325	ng/uL	88
5) Pyridine	3.787	79	58921	10.460	ng/ul	91
6) Benzaldehyde	7.093	77	135487	56.363	ng/ul#	87
8) Phenol	7.146	94	47976	9.191	ng/ul#	71
10) Bis(2-Chloroethyl)ether	7.381	93	164731	44.171	ng/ul	87
12) 2-Chlorophenol	7.516	128	128342	29.583	ng/ul	95
13) 2-Methylphenol	8.404	108	89596	22.592	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.475	45	98853	25.655	ng/ul	94
16) Acetophenone	8.787	105	255448	34.760	ng/ul#	84
17) N-Nitroso-di-n-propyla...	8.769	70	128993	38.194	ng/ul#	85
18) 4-Methylphenol	8.734	108	82585	19.619	ng/ul	98
19) Hexachloroethane	9.028	117	70618	32.271	ng/ul#	42
22) Nitrobenzene	9.169	77	73329	33.203	ng/ul	96
23) Isophorone	9.693	82	113482	33.957	ng/ul#	95
25) 2-Nitrophenol	9.881	139	29724	30.945	ng/ul	93
26) 2,4-Dimethylphenol	9.940	107	45243	21.685	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	57350	33.656	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	65590	32.178	ng/ul#	88
30) Naphthalene	10.816	128	163680	34.078	ng/ul	99
32) 4-Chloroaniline	10.934	127	53178	25.428	ng/ul	98
33) Hexachlorobutadiene	11.087	225	70863	33.452	ng/ul	98
34) Caprolactam	11.740	113	1507	3.758	ng/ul	85
35) 4-Chloro-3-methylphenol	12.051	107	42613	26.465	ng/ul#	90
36) 2-Methylnaphthalene	12.422	142	126336	35.364	ng/ul	98

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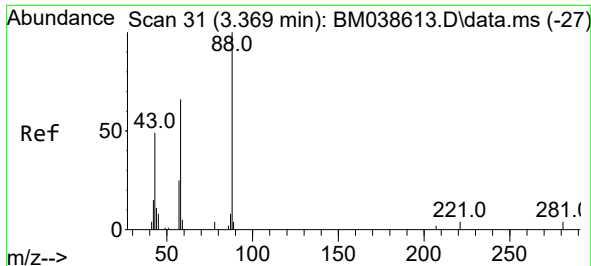
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	127739	34.639	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	117215	32.991	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	73464	28.976	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	70651	32.661	ng/ul	94
42) 2,4,5-Trichlorophenol	13.098	196	75139	32.526	ng/ul	93
43) 1,1'-Biphenyl	13.428	154	193394	34.847	ng/ul	100
44) 2-Chloronaphthalene	13.469	162	162744	35.299	ng/ul	95
45) 2-Nitroaniline	13.686	65	45495	36.893	ng/ul	95
47) Dimethylphthalate	14.051	163	217900	37.142	ng/ul	99
48) 2,6-Dinitrotoluene	14.181	165	43680	40.201	ng/ul	89
50) Acenaphthylene	14.316	152	224903	35.447	ng/ul	99
51) 3-Nitroaniline	14.510	138	29643	37.902	ng/ul	95
52) Acenaphthene	14.651	153	164271	34.784	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	31881	36.499	ng/ul	92
55) 4-Nitrophenol	14.810	109	10293	7.438	ng/ul	92
56) Dibenzofuran	14.986	168	253884	36.145	ng/ul	92
57) 2,4-Dinitrotoluene	14.963	165	64886	40.516	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.216	232	65999	32.631	ng/ul	97
59) Diethylphthalate	15.404	149	212196	38.582	ng/ul	99
61) Fluorene	15.633	166	222728	37.652	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	141534	34.003	ng/ul	95
63) 4-Nitroaniline	15.669	138	31637	49.065	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.722	198	45765	34.488	ng/ul	98
67) N-Nitrosodiphenylamine	15.845	169	190646	41.165	ng/ul	97
68) 4-Bromophenyl-phenylether	16.522	248	80897	34.952	ng/ul	97
69) Hexachlorobenzene	16.633	284	98283	36.376	ng/ul	98
70) Atrazine	16.792	200	83724	36.030	ng/ul	97
71) Pentachlorophenol	16.980	266	53363	30.876	ng/ul	93
72) Phenanthrene	17.374	178	366370	42.678	ng/ul	99
74) Anthracene	17.463	178	377768	42.024	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	110544	35.012	ng/uL	99
76) Pentachlorobenzene	14.904	250	115813	35.252	ng/uL	98
77) Carbazole	17.739	167	441721	56.611	ng/ul	98
78) Di-n-butylphthalate	18.286	149	762464	101.000	ng/ul	98
80) Fluoranthene	19.386	202	608402	45.374	ng/ul#	82
82) Pyrene	19.745	202	642824	45.175	ng/ul#	75
83) Butylbenzylphthalate	20.633	149	348128	84.818	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.421	252	225311	40.852	ng/ul#	97
85) Benzo(a)anthracene	21.492	228	642146	40.378	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	480322	82.244	ng/ul#	95
87) Chrysene	21.545	228	605098	41.107	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	877566	67.078	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	806188	42.212	ng/ul#	97
91) Benzo(k)fluoranthene	23.227	252	760700	39.960	ng/ul#	96
93) Benzo(a)pyrene	23.809	252	713457	40.340	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.427	276	1090643	39.012	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.433	278	920779	38.807	ng/ul#	95
96) Benzo(g,h,i)perylene	27.197	276	871559	38.410	ng/ul#	92

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

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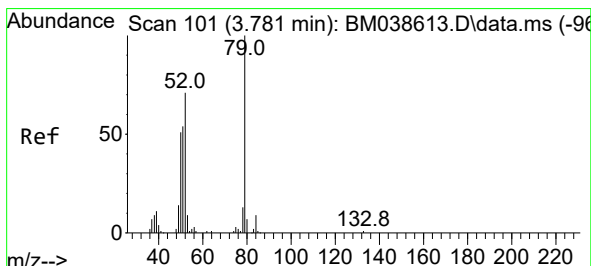
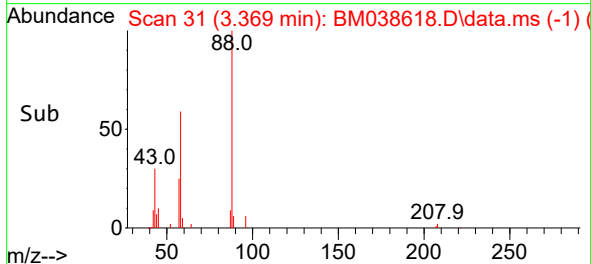
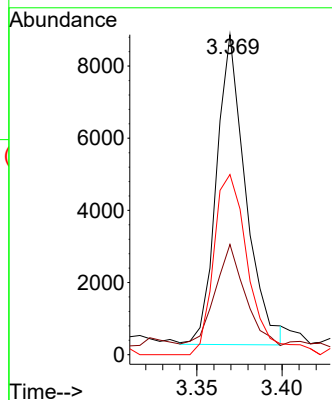
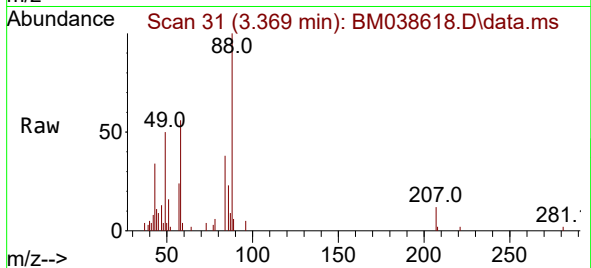




#2
1,4-Dioxane
Concen: 4.325 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

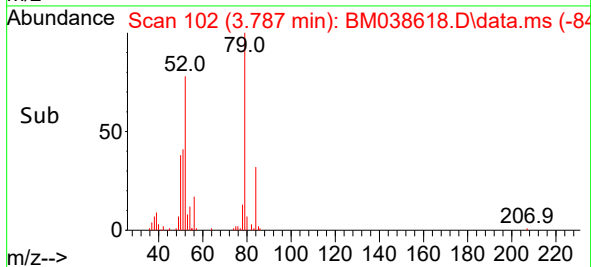
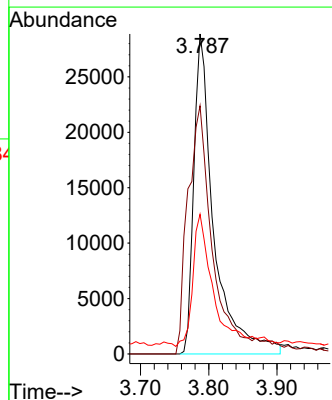
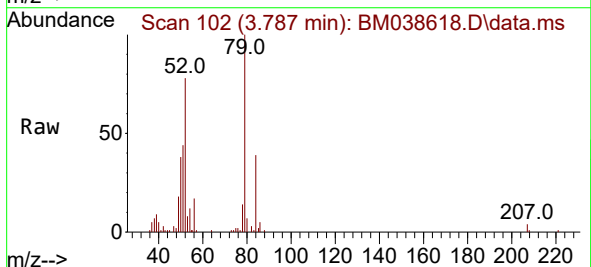
Instrument :
BNA_M
ClientSampleId :

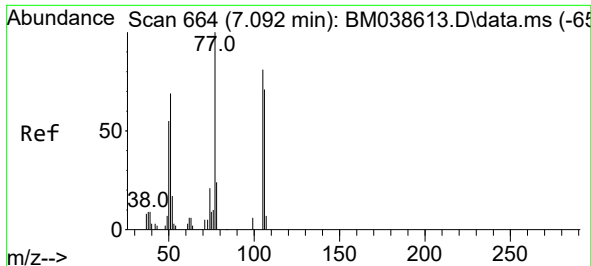
Tgt Ion: 88 Resp: 10208
Ion Ratio Lower Upper
88 100
43 34.4 33.8 50.8
58 56.3 52.1 78.1



#5
Pyridine
Concen: 10.460 ng/uL
RT: 3.787 min Scan# 102
Delta R.T. 0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion: 79 Resp: 58921
Ion Ratio Lower Upper
79 100
52 77.5 67.4 101.0
51 43.7 40.7 61.1

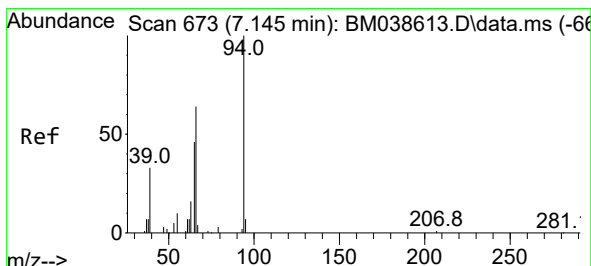
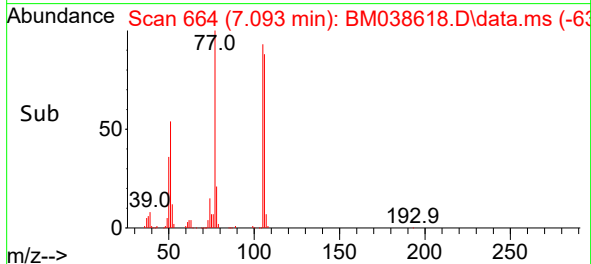
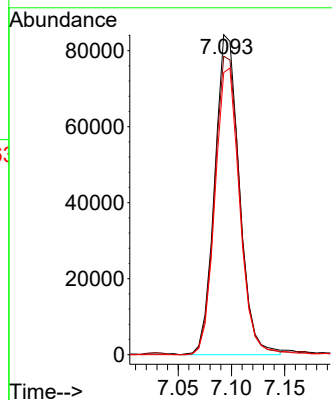
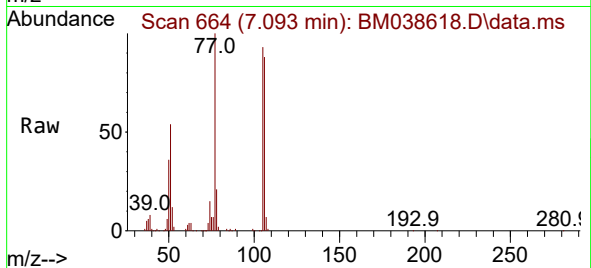




#6
Benzaldehyde
Concen: 56.363 ng/ul
RT: 7.093 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

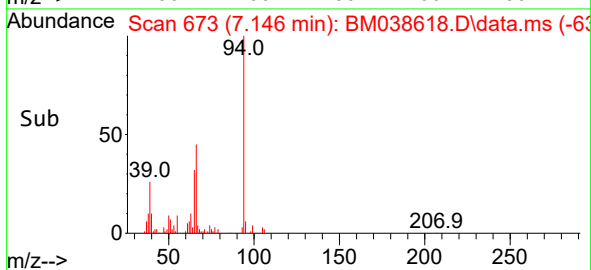
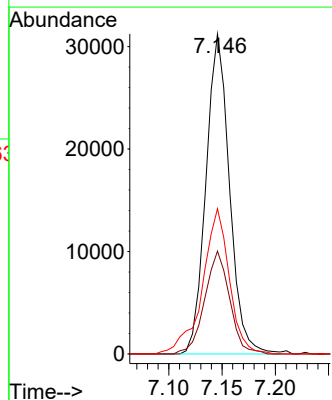
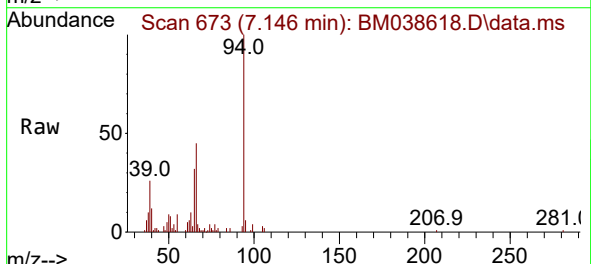
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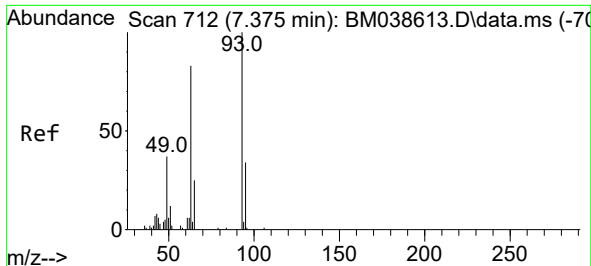
Tgt Ion: 77 Resp: 135487
Ion Ratio Lower Upper
77 100
105 93.2 68.3 102.5
106 88.2 57.7 86.5#



#8
Phenol
Concen: 9.191 ng/ul
RT: 7.146 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion: 94 Resp: 47976
Ion Ratio Lower Upper
94 100
65 32.2 38.2 57.2#
66 45.4 57.9 86.9#

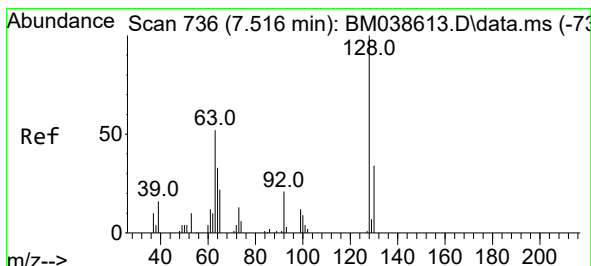
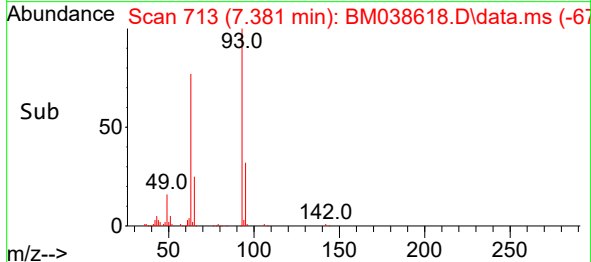
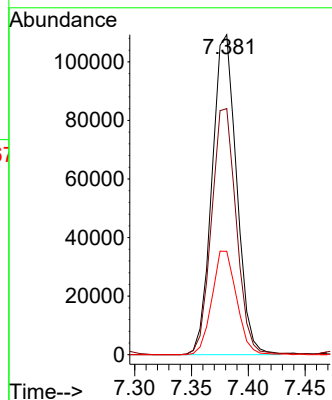
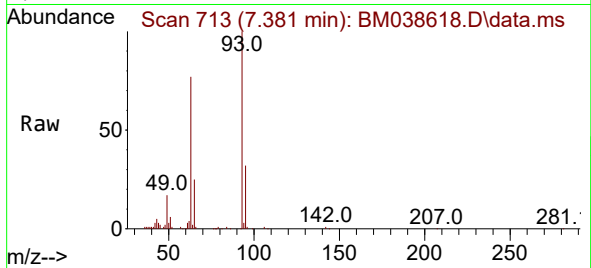




#10
Bis(2-Chloroethyl)ether
Concen: 44.171 ng/ul
RT: 7.381 min Scan# 713
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

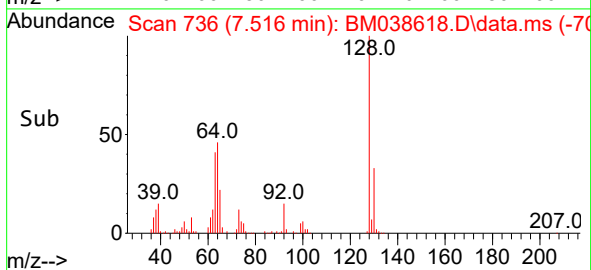
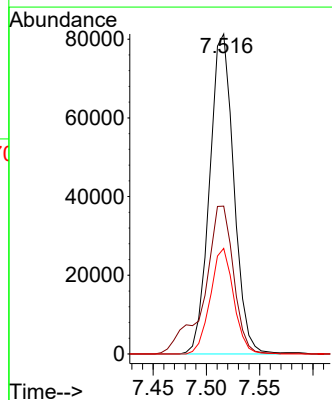
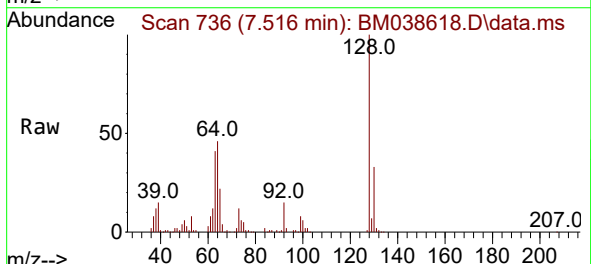
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BNA_M
ClientSampleId :

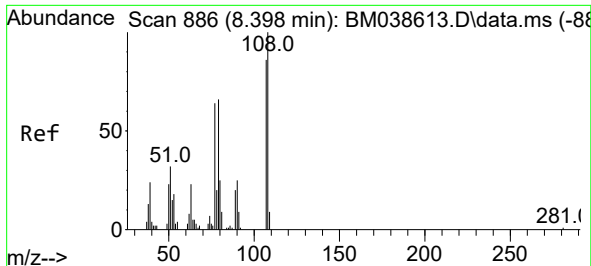
Tgt Ion: 93 Resp: 164731
Ion Ratio Lower Upper
93 100
63 76.9 73.9 110.9
95 32.3 28.0 42.0



#12
2-Chlorophenol
Concen: 29.583 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:128 Resp: 128342
Ion Ratio Lower Upper
128 100
64 46.2 40.0 60.0
130 33.0 24.4 36.6





#13

2-Methylphenol

Concen: 22.592 ng/ul

RT: 8.404 min Scan# 886

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

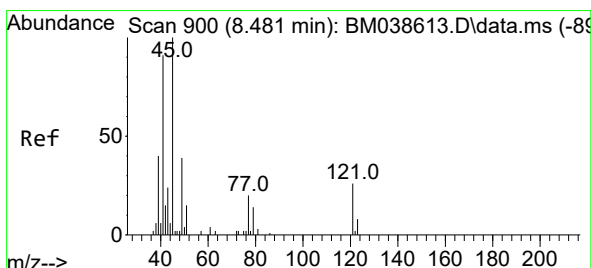
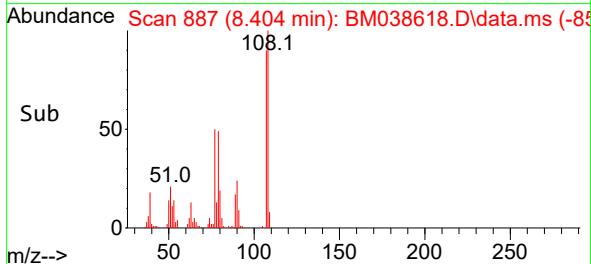
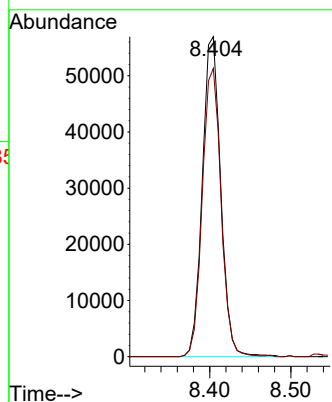
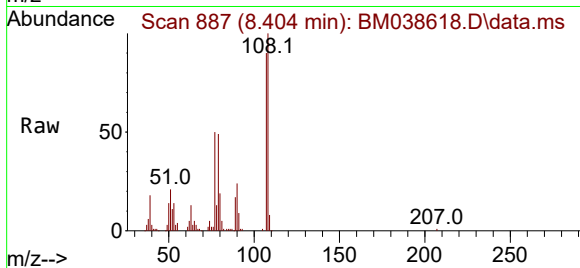
ClientSampleId :

Tgt Ion:108 Resp: 89596

Ion Ratio Lower Upper

108 100

107 90.1 66.6 100.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.655 ng/ul

RT: 8.475 min Scan# 899

Delta R.T. -0.006 min

Lab File: BM038618.D

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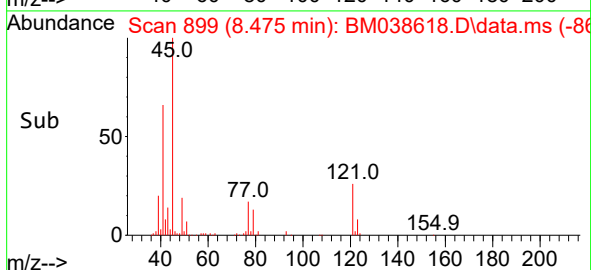
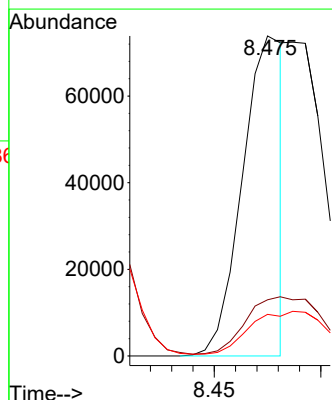
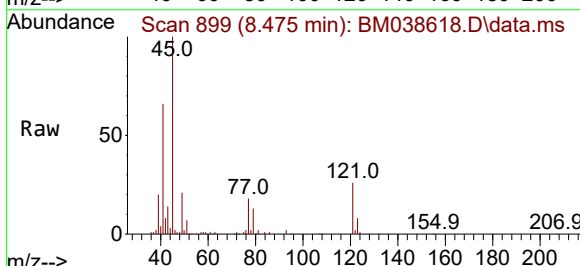
Tgt Ion: 45 Resp: 98853

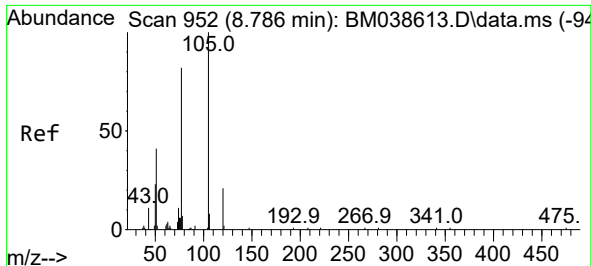
Ion Ratio Lower Upper

45 100

77 17.6 16.9 25.3

79 13.0 11.8 17.6

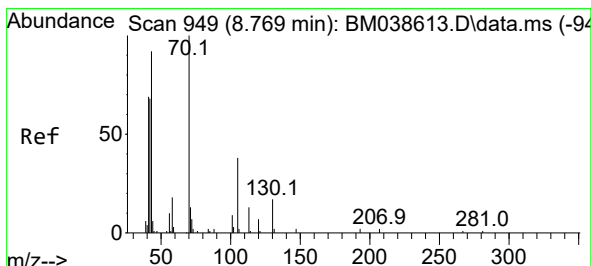
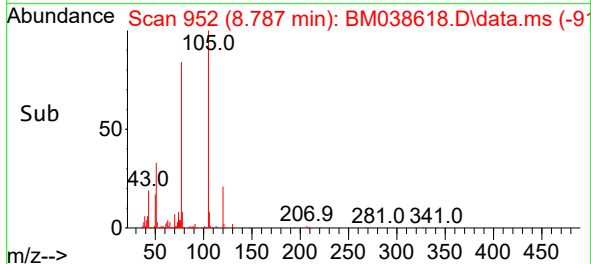
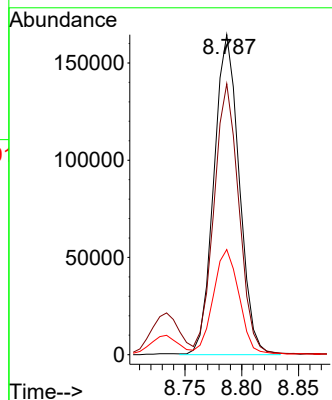
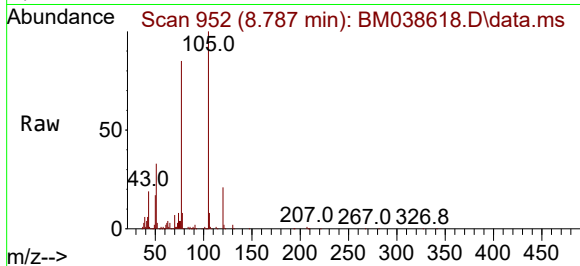




#16
Acetophenone
Concen: 34.760 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.000 min
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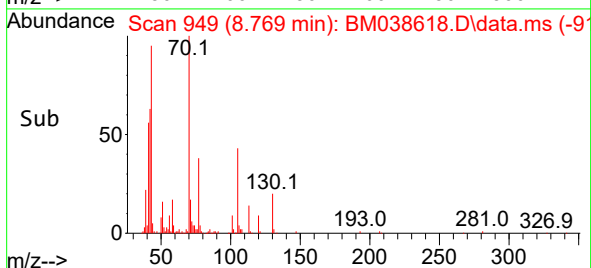
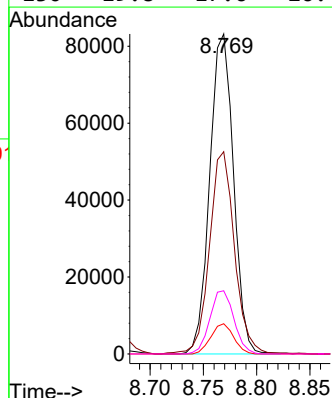
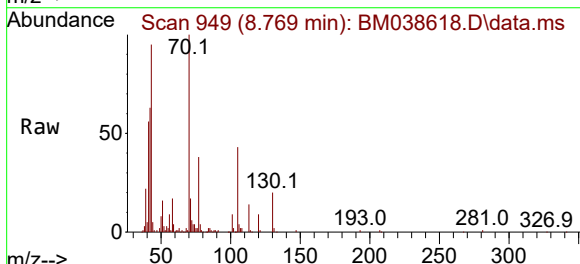
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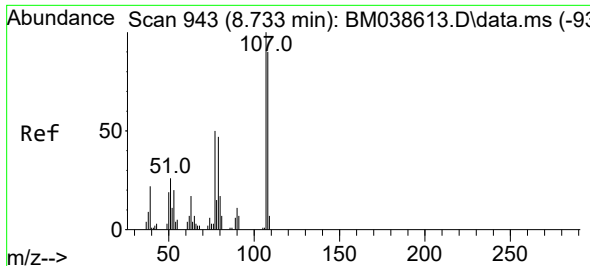
Tgt Ion:105 Resp: 255448
Ion Ratio Lower Upper
105 100
77 84.6 78.6 117.8
51 32.8 37.2 55.8#



#17
N-Nitroso-di-n-propylamine
Concen: 38.194 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion: 70 Resp: 128993
Ion Ratio Lower Upper
70 100
42 63.2 63.6 95.4#
101 9.4 6.3 9.5
130 19.8 17.6 26.4

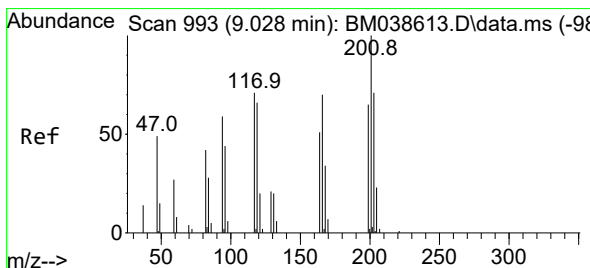
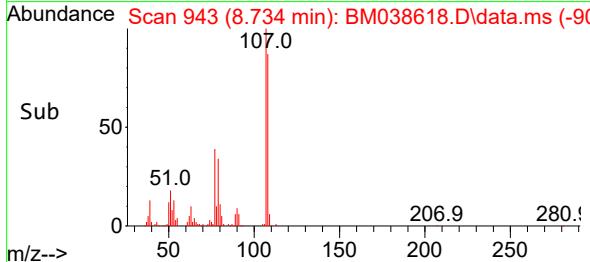
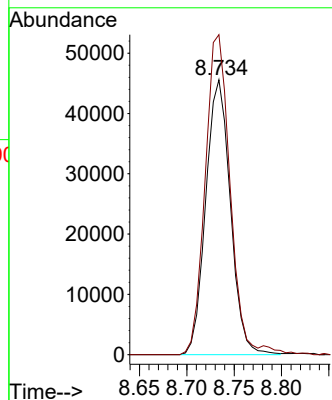
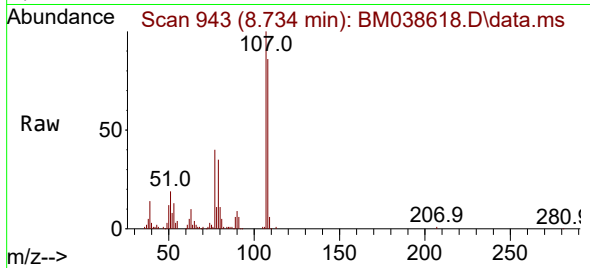




#18
4-Methylphenol
Concen: 19.619 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

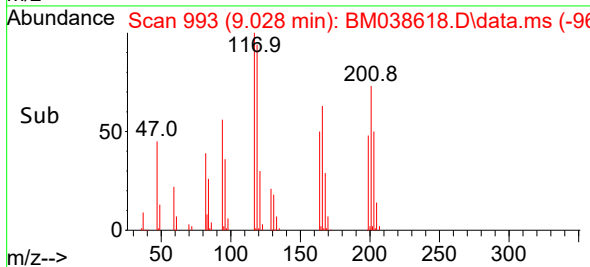
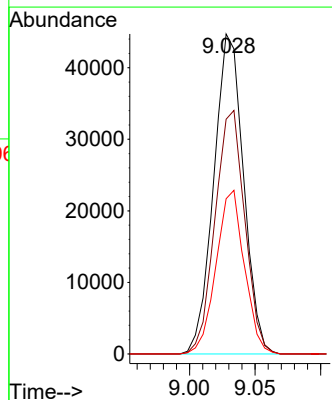
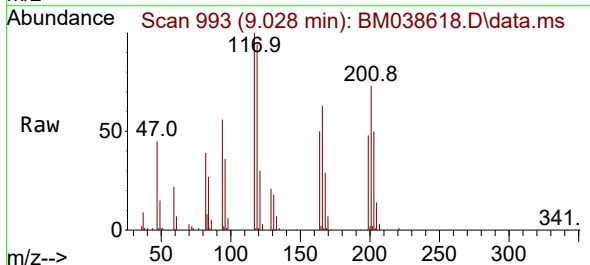
Instrument :
BNA_M
ClientSampleId :

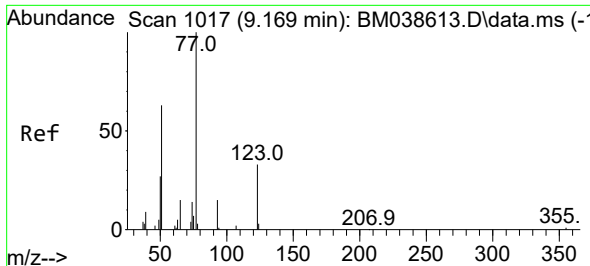
Tgt Ion:108 Resp: 82585
Ion Ratio Lower Upper
108 100
107 116.4 95.1 142.7



#19
Hexachloroethane
Concen: 32.271 ng/ul
RT: 9.028 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:117 Resp: 70618
Ion Ratio Lower Upper
117 100
201 73.3 124.4 186.6#
199 48.5 76.3 114.5#





#22

Nitrobenzene

Concen: 33.203 ng/ul

RT: 9.169 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :

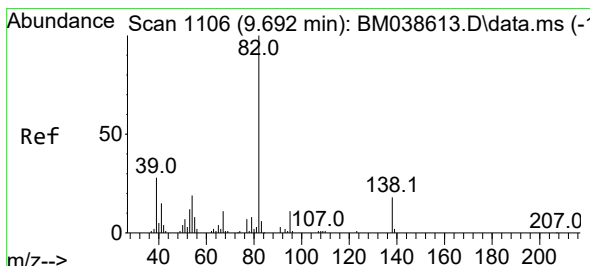
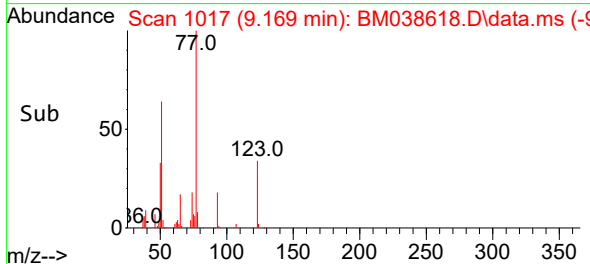
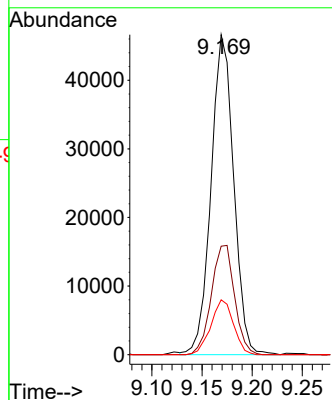
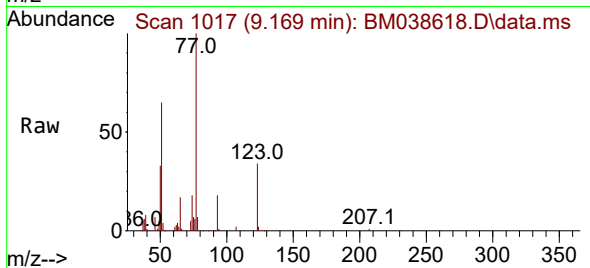
Tgt Ion: 77 Resp: 73329

Ion Ratio Lower Upper

77 100

123 33.9 29.5 44.3

65 17.1 13.6 20.4



#23

Isophorone

Concen: 33.957 ng/ul

RT: 9.693 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

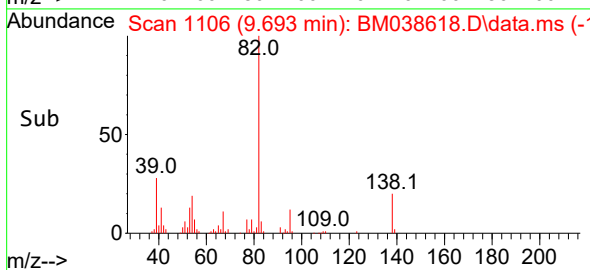
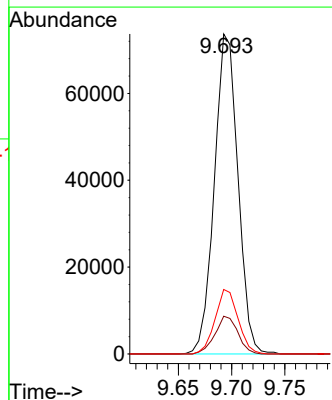
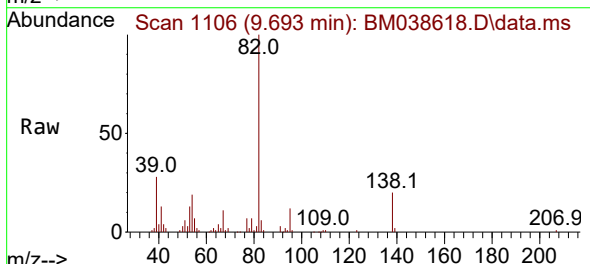
Tgt Ion: 82 Resp: 113482

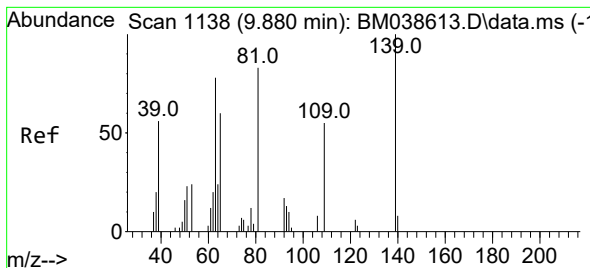
Ion Ratio Lower Upper

82 100

95 11.8 9.3 13.9

138 20.2 13.4 20.0#

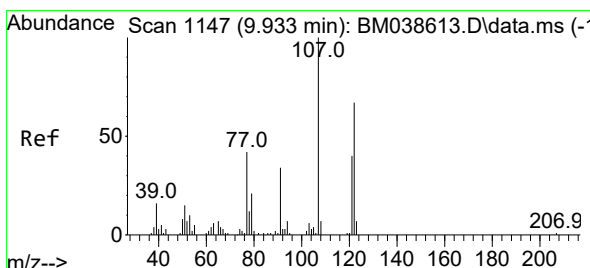
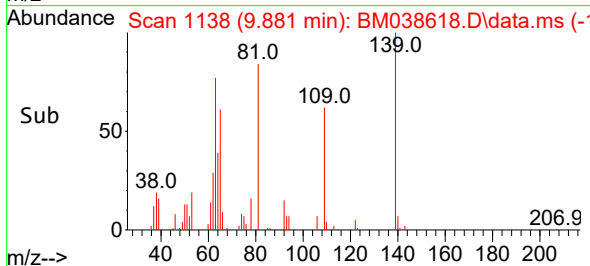
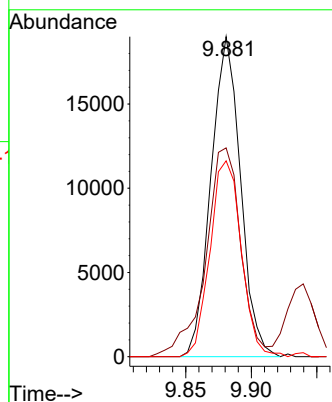
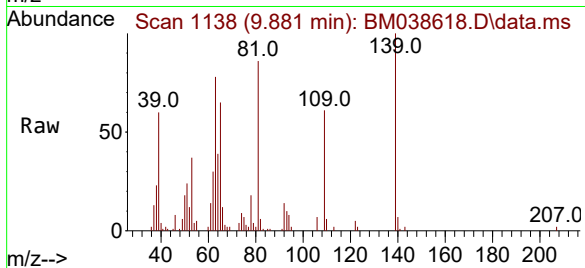




#25
2-Nitrophenol
Concen: 30.945 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

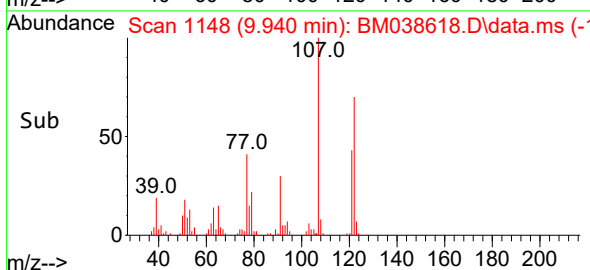
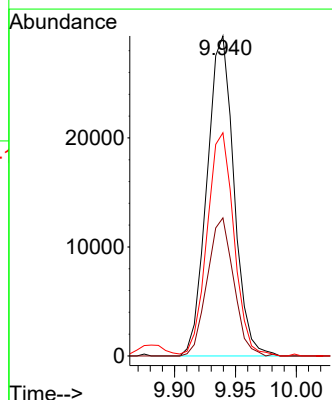
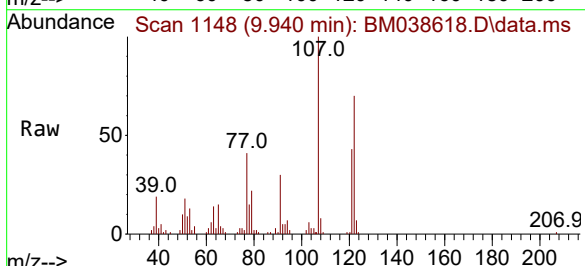
Instrument :
BNA_M
ClientSampleId :

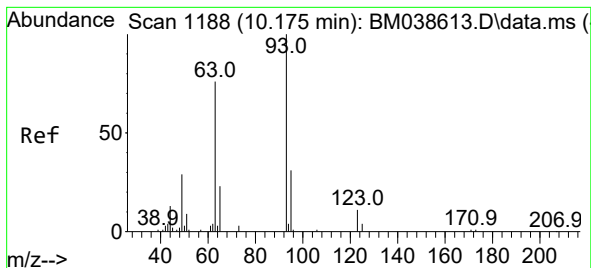
Tgt Ion:139 Resp: 29724
Ion Ratio Lower Upper
139 100
65 65.2 58.6 87.8
109 61.2 46.8 70.2



#26
2,4-Dimethylphenol
Concen: 21.685 ng/ul
RT: 9.940 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:107 Resp: 45243
Ion Ratio Lower Upper
107 100
121 43.2 32.6 48.8
122 69.8 54.8 82.2





#27

Bis(2-Chloroethoxy)methane

Concen: 33.656 ng/ul

RT: 10.175 min Scan# 1188

Delta R.T. -0.006 min

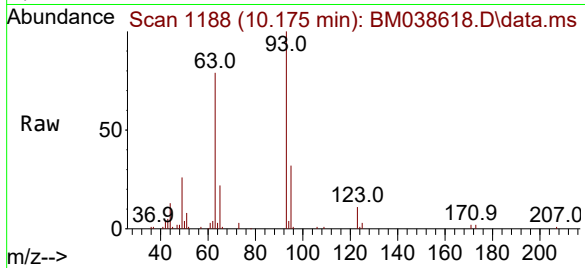
Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :



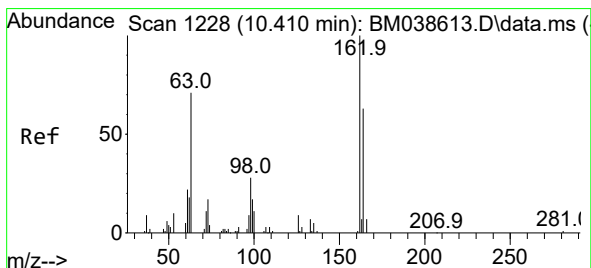
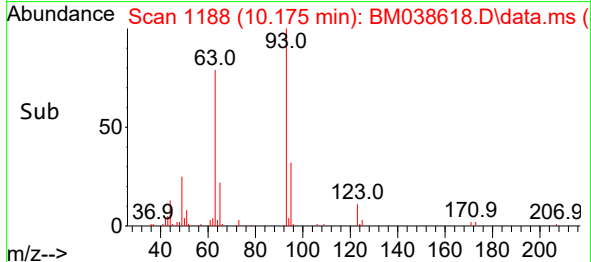
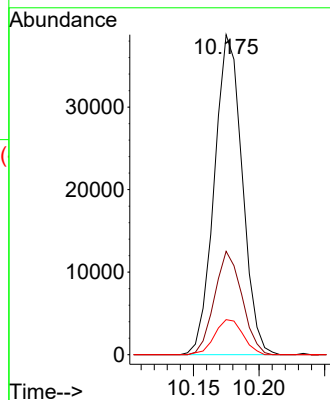
Tgt Ion: 93 Resp: 57350

Ion Ratio Lower Upper

93 100

95 32.3 25.3 37.9

123 10.9 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 32.178 ng/ul

RT: 10.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

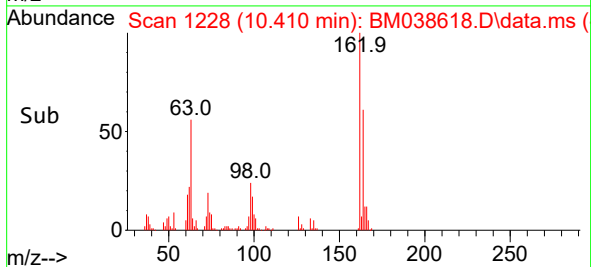
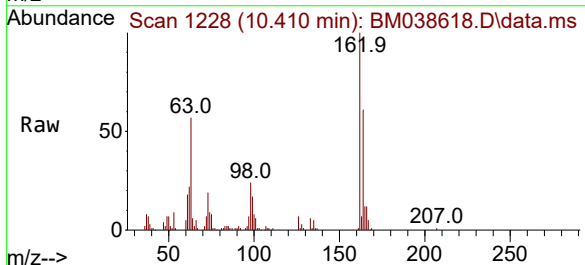
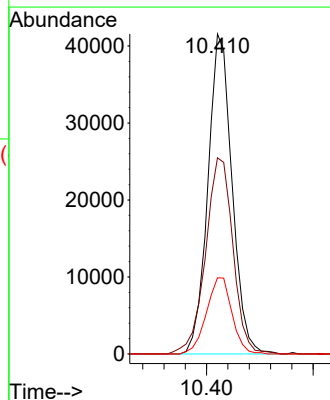
Tgt Ion:162 Resp: 65590

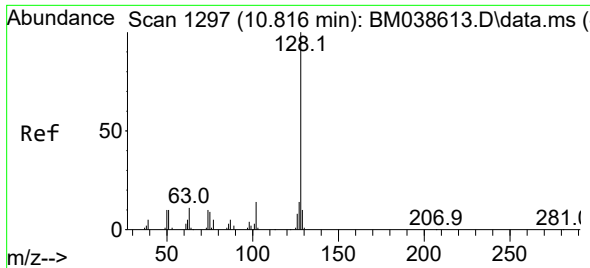
Ion Ratio Lower Upper

162 100

164 61.3 56.3 84.5

98 23.8 24.6 37.0#

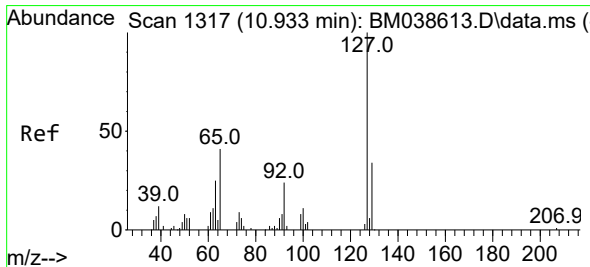
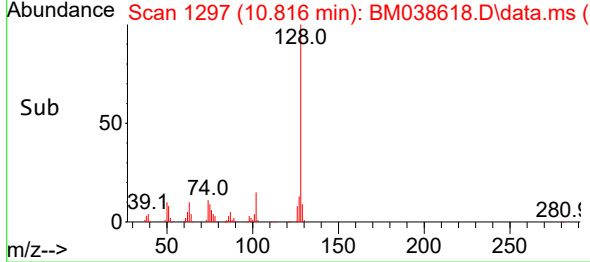
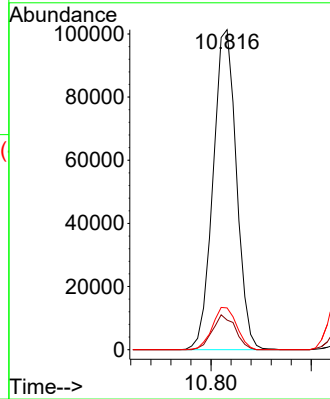
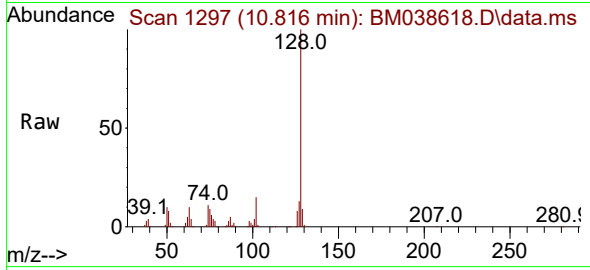




#30
Naphthalene
Concen: 34.078 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

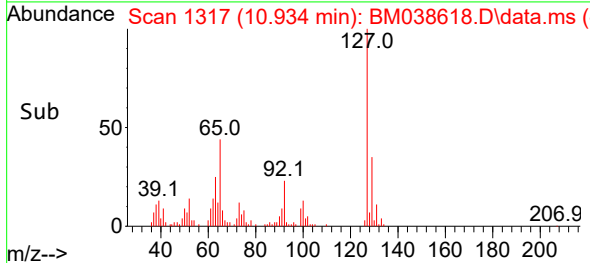
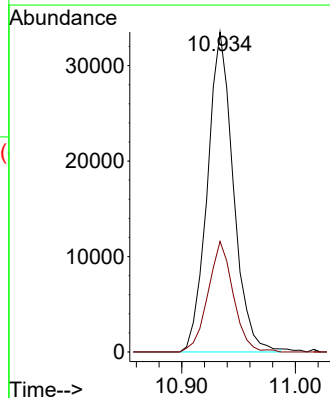
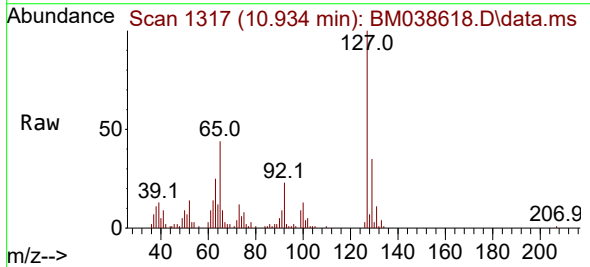
Instrument :
BNA_M
ClientSampleId :

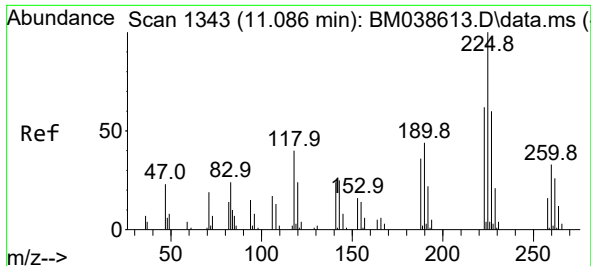
Tgt Ion:128 Resp: 163680
Ion Ratio Lower Upper
128 100
129 9.3 8.0 12.0
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 25.428 ng/ul
RT: 10.934 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:127 Resp: 53178
Ion Ratio Lower Upper
127 100
129 34.5 26.9 40.3

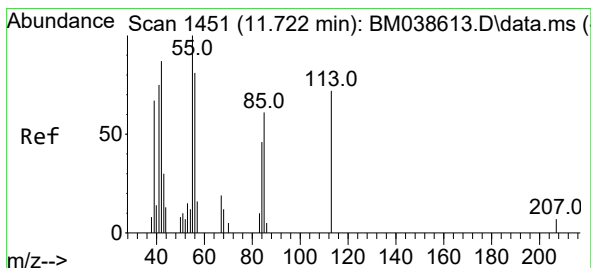
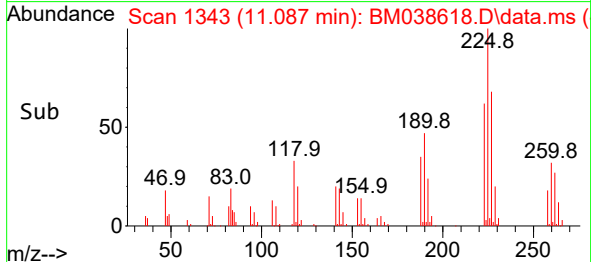
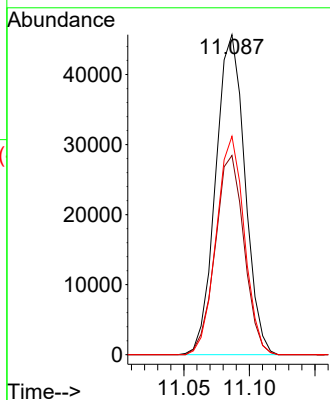
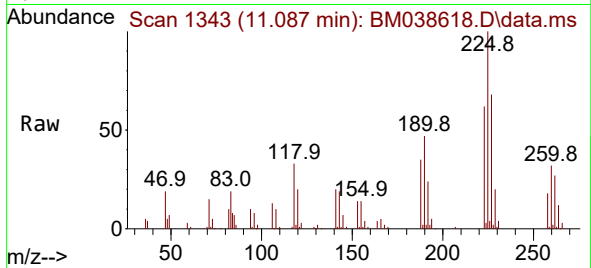




#33
Hexachlorobutadiene
Concen: 33.452 ng/ul
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

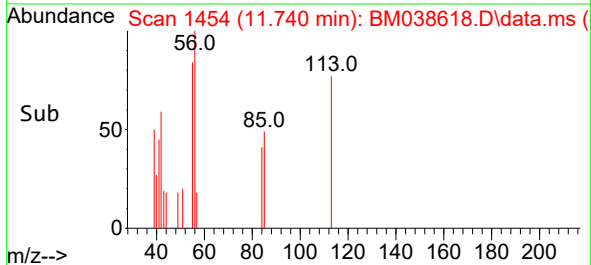
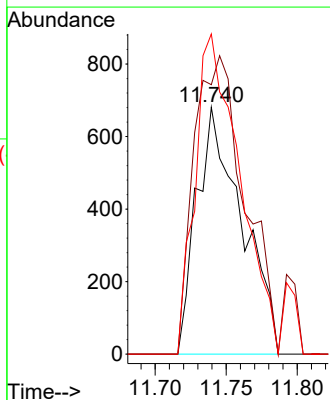
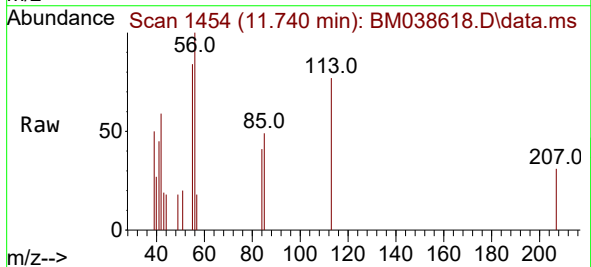
Instrument :
BNA_M
ClientSampleId :

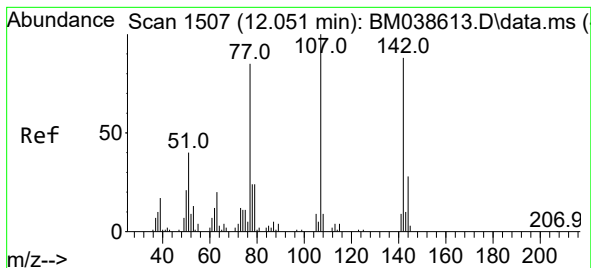
Tgt Ion:225 Resp: 70863
Ion Ratio Lower Upper
225 100
223 62.2 48.0 72.0
227 68.3 53.6 80.4



#34
Caprolactam
Concen: 3.758 ng/ul
RT: 11.740 min Scan# 1454
Delta R.T. 0.024 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:113 Resp: 1507
Ion Ratio Lower Upper
113 100
55 109.1 107.6 161.4
56 129.7 96.5 144.7

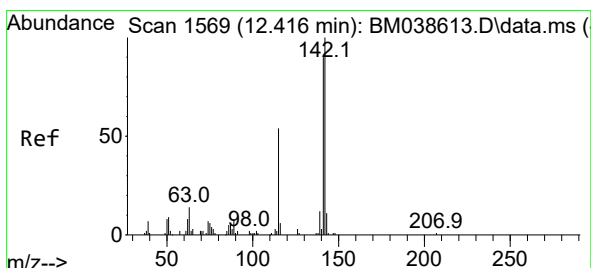
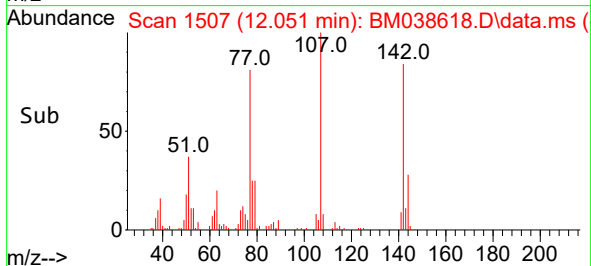
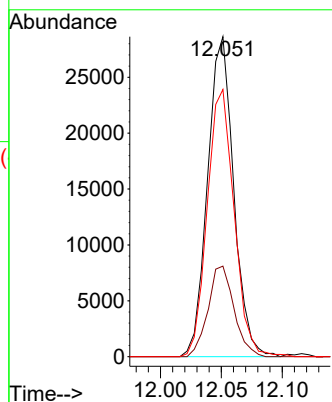
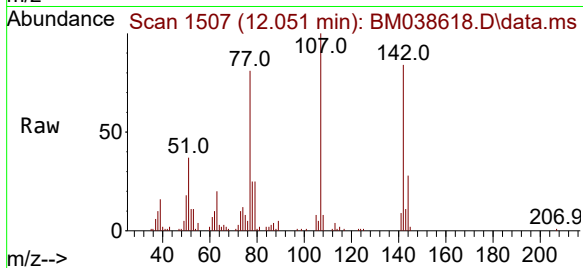




#35
4-Chloro-3-methylphenol
Concen: 26.465 ng/ul
RT: 12.051 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

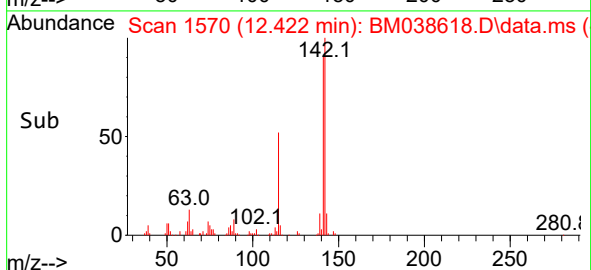
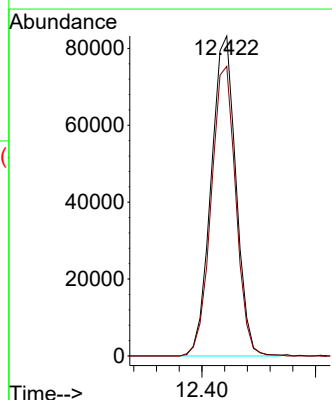
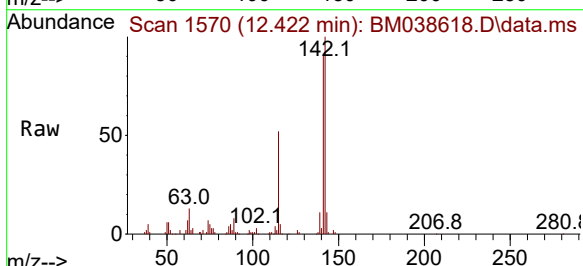
Instrument :
BNA_M
ClientSampleId :

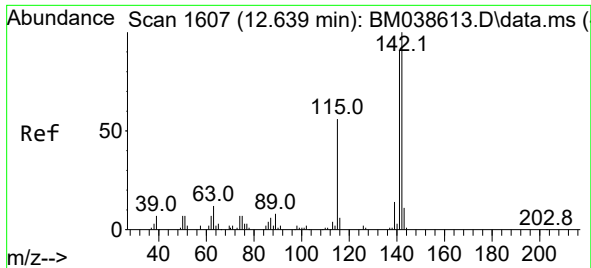
Tgt Ion:107 Resp: 42613
Ion Ratio Lower Upper
107 100
144 28.3 18.1 27.1#
142 83.5 60.2 90.4



#36
2-Methylnaphthalene
Concen: 35.364 ng/ul
RT: 12.422 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:142 Resp: 126336
Ion Ratio Lower Upper
142 100
141 90.5 73.7 110.5





#37

1-Methylnaphthalene

Concen: 34.639 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :

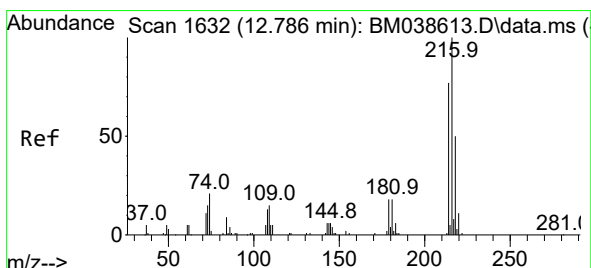
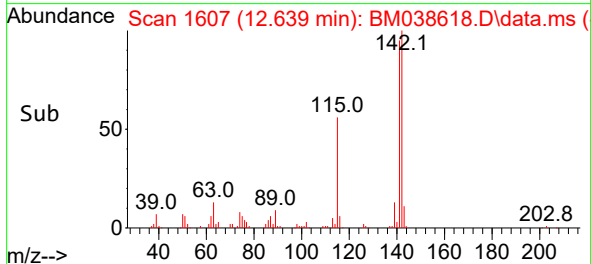
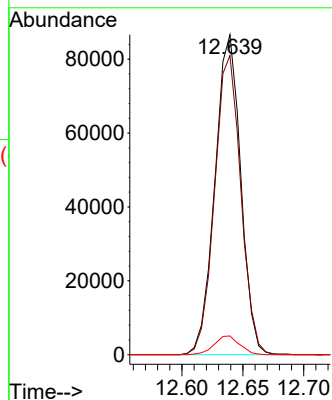
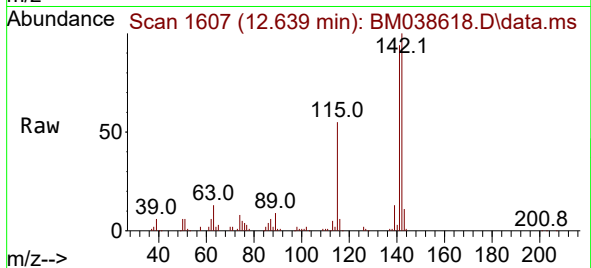
Tgt Ion:142 Resp: 127739

Ion Ratio Lower Upper

142 100

141 93.5 75.2 112.8

116 5.9 5.0 7.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.991 ng/ul

RT: 12.787 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Tgt Ion:216 Resp: 117215

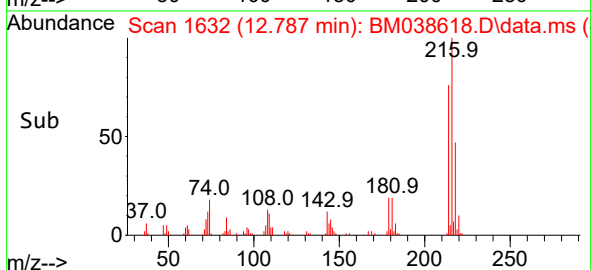
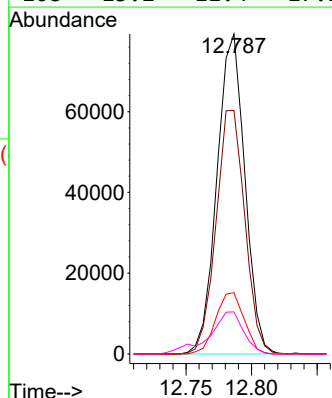
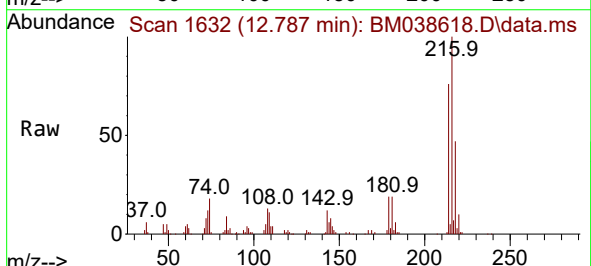
Ion Ratio Lower Upper

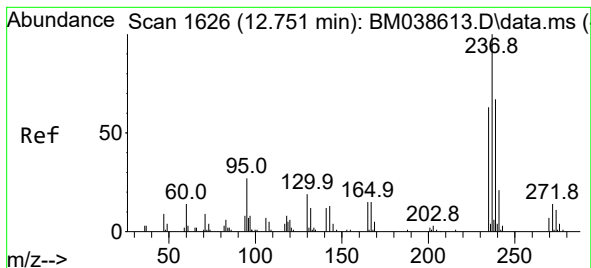
216 100

214 76.1 61.1 91.7

179 19.2 17.0 25.4

108 13.2 11.4 17.2





#40

Hexachlorocyclopentadiene

Concen: 28.976 ng/ul

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

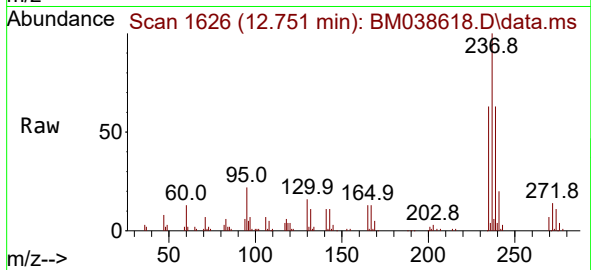
Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :



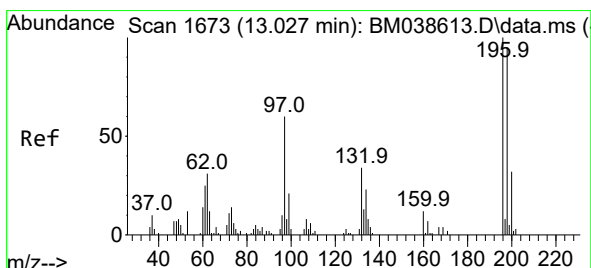
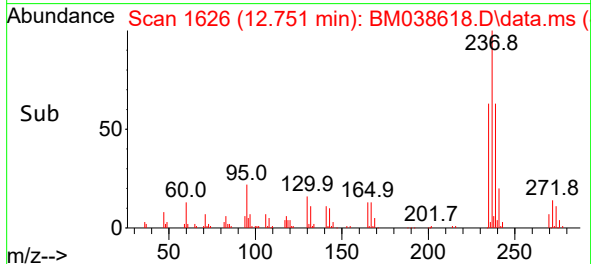
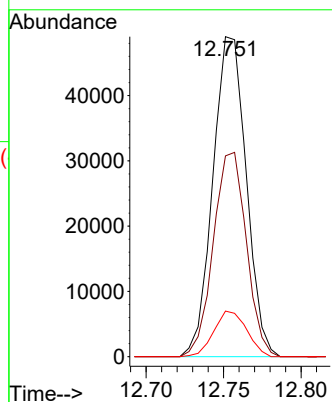
Tgt Ion:237 Resp: 73464

Ion Ratio Lower Upper

237 100

235 62.7 49.2 73.8

272 14.2 11.0 16.6



#41

2,4,6-Trichlorophenol

Concen: 32.661 ng/ul

RT: 13.028 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

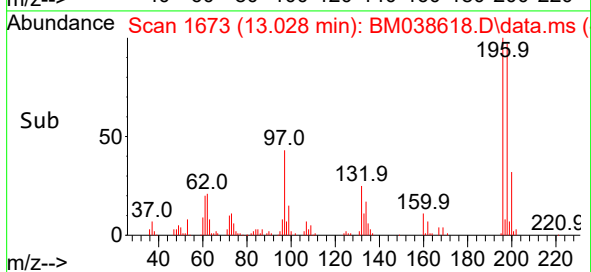
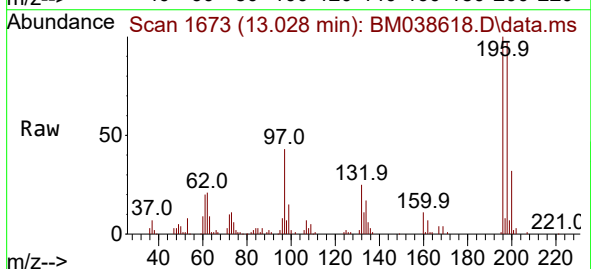
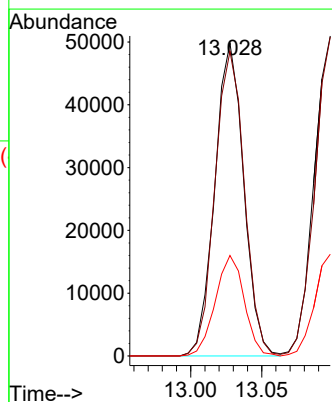
Tgt Ion:196 Resp: 70651

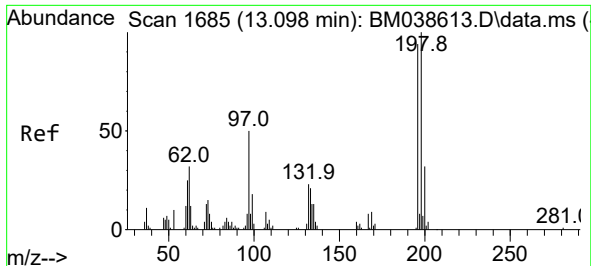
Ion Ratio Lower Upper

196 100

198 97.4 83.6 125.4

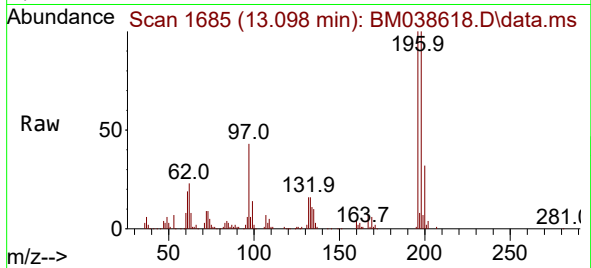
200 32.1 27.5 41.3



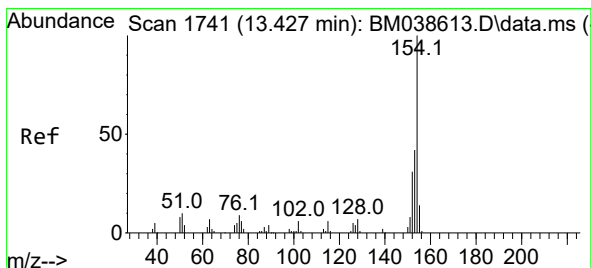
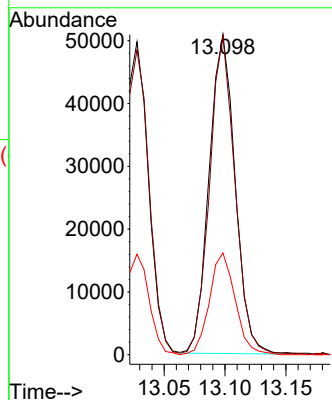
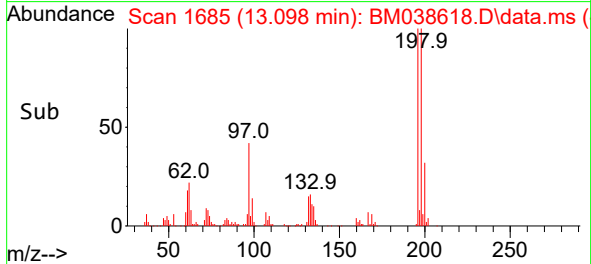


#42
2,4,5-Trichlorophenol
Concen: 32.526 ng/ul
RT: 13.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

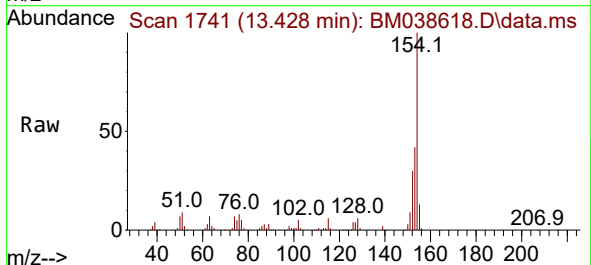
Instrument :
BNA_M
ClientSampleId :



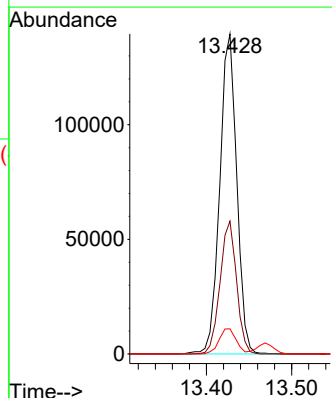
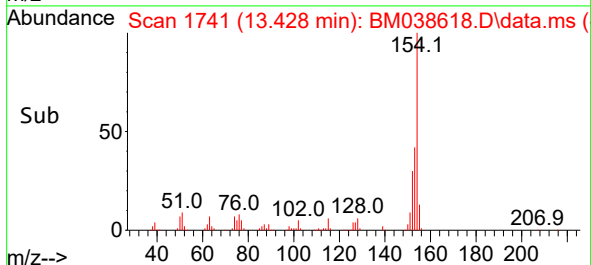
Tgt Ion:196 Resp: 75139
Ion Ratio Lower Upper
196 100
198 99.7 73.2 109.8
200 31.8 25.8 38.8

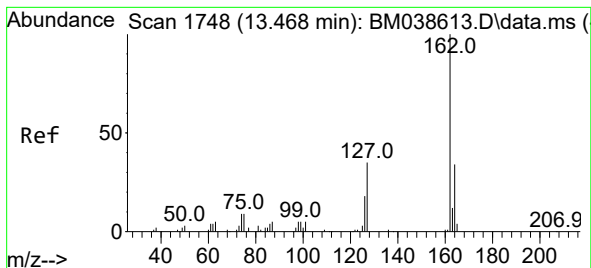


#43
1,1'-Biphenyl
Concen: 34.847 ng/ul
RT: 13.428 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13



Tgt Ion:154 Resp: 193394
Ion Ratio Lower Upper
154 100
153 41.5 33.2 49.8
76 7.9 6.7 10.1





#44

2-Chloronaphthalene

Concen: 35.299 ng/ul

RT: 13.469 min Scan# 1

Delta R.T. 0.000 min

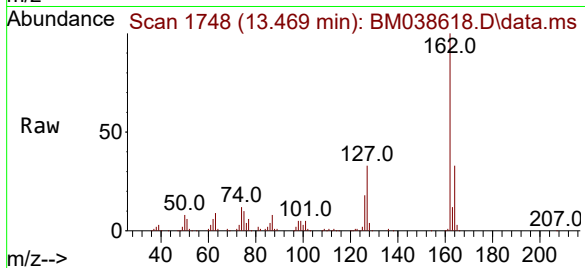
Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :



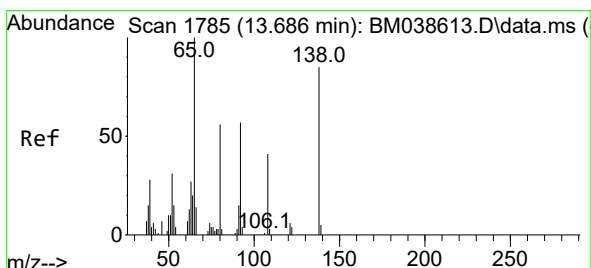
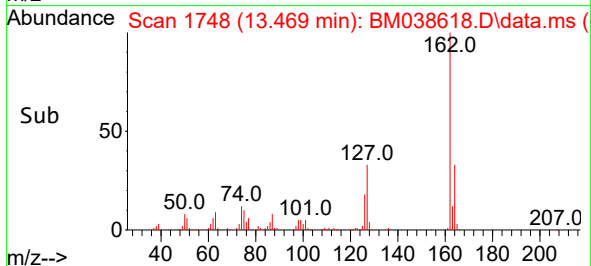
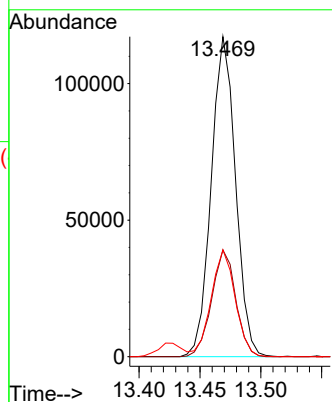
Tgt Ion:162 Resp: 162744

Ion Ratio Lower Upper

162 100

164 33.4 26.6 40.0

127 33.4 31.6 47.4



#45

2-Nitroaniline

Concen: 36.893 ng/ul

RT: 13.686 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

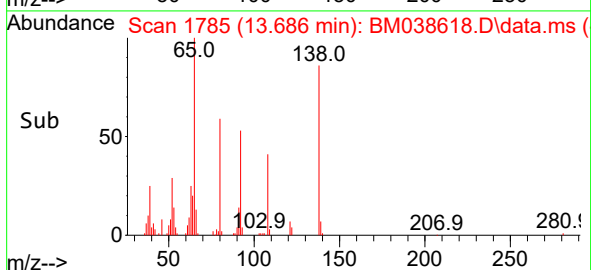
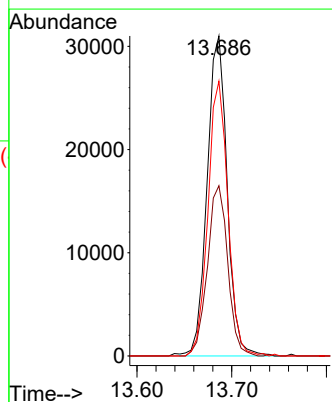
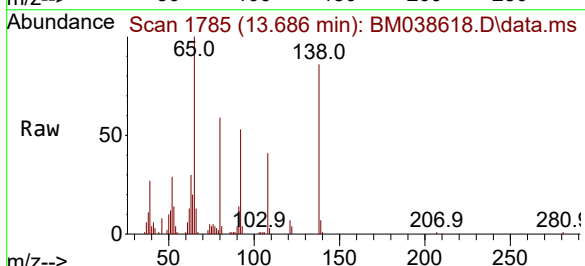
Tgt Ion: 65 Resp: 45495

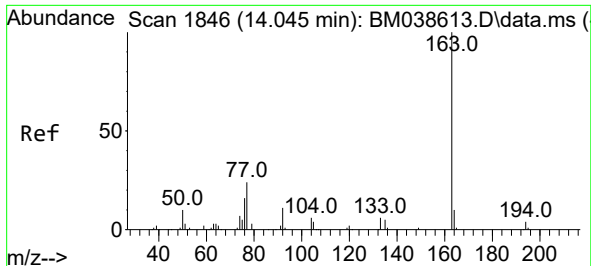
Ion Ratio Lower Upper

65 100

92 53.2 41.5 62.3

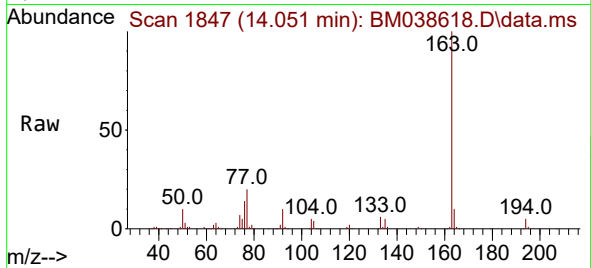
138 85.8 63.3 94.9



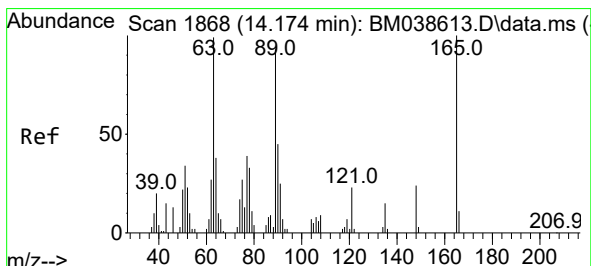
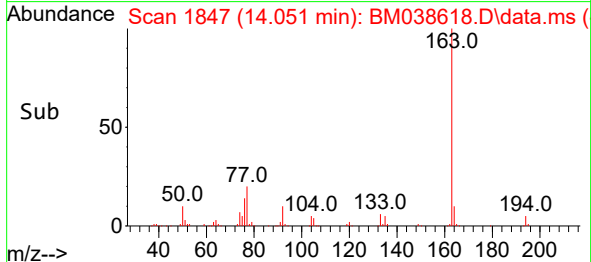
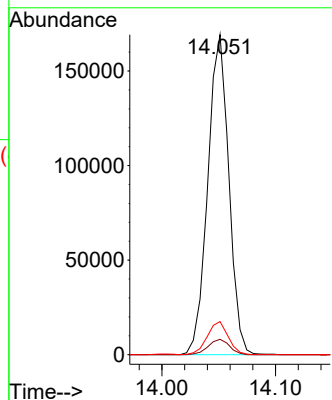


#47
Dimethylphthalate
Concen: 37.142 ng/ul
RT: 14.051 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Instrument :
BNA_M
ClientSampleId :

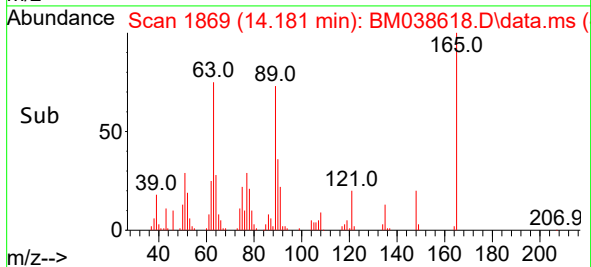
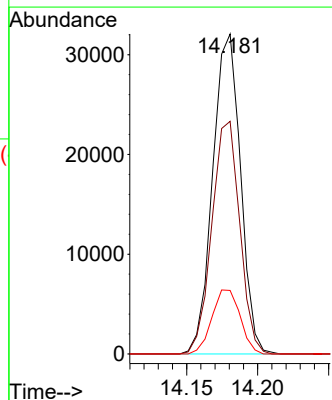
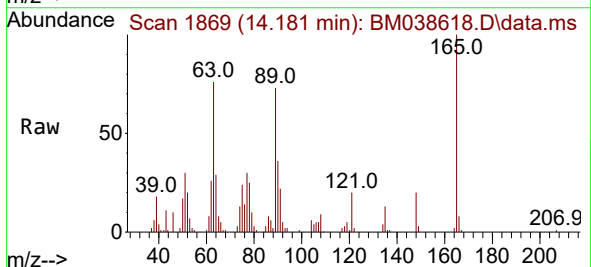


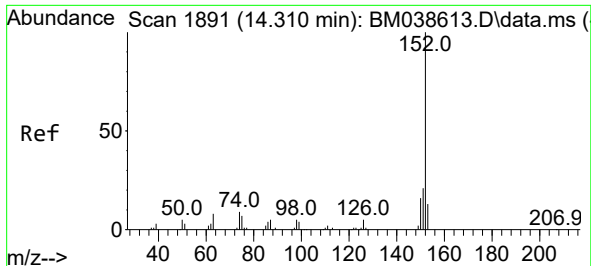
Tgt Ion:163 Resp: 217900
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 40.201 ng/ul
RT: 14.181 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:165 Resp: 43680
Ion Ratio Lower Upper
165 100
89 72.7 66.7 100.1
121 19.9 18.2 27.4

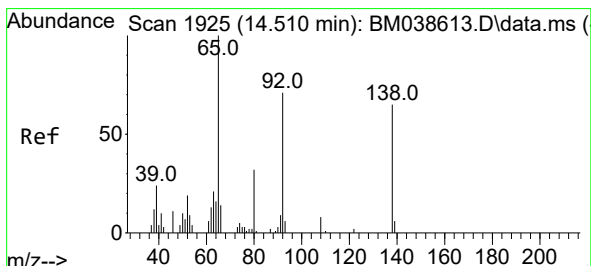
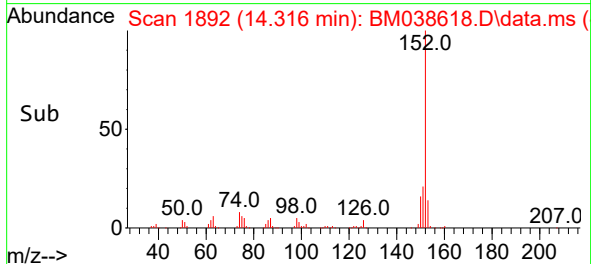
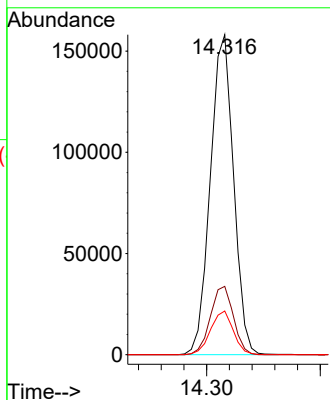
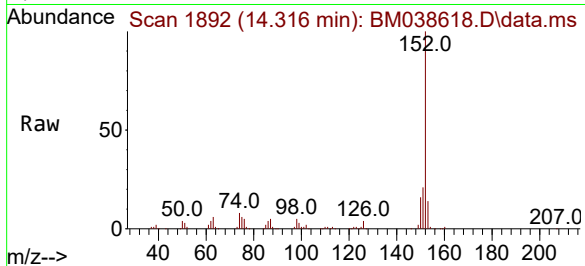




#50
Acenaphthylene
Concen: 35.447 ng/ul
RT: 14.316 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

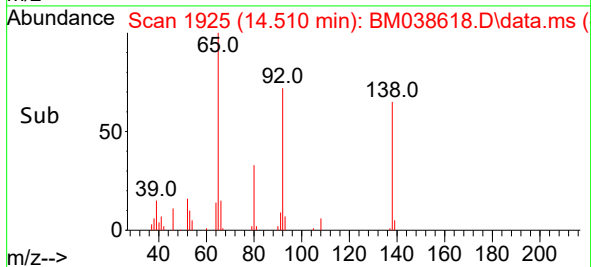
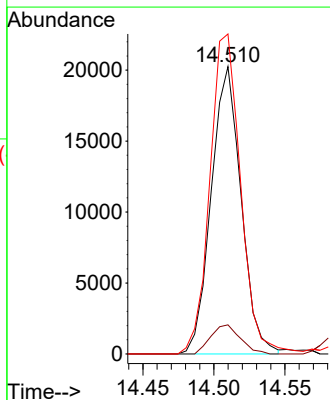
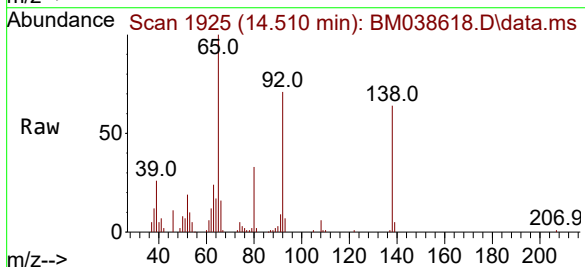
Instrument :
BNA_M
ClientSampleId :

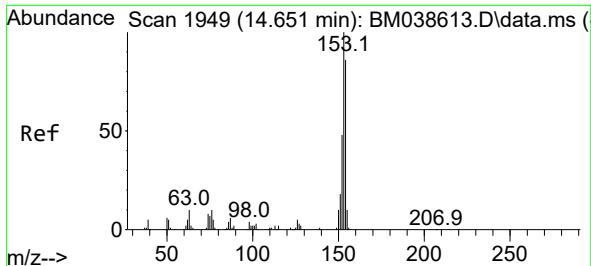
Tgt Ion:152 Resp: 224903
Ion Ratio Lower Upper
152 100
151 21.4 17.7 26.5
153 13.7 10.6 16.0



#51
3-Nitroaniline
Concen: 37.902 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:138 Resp: 29643
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.4
92 111.3 94.2 141.4

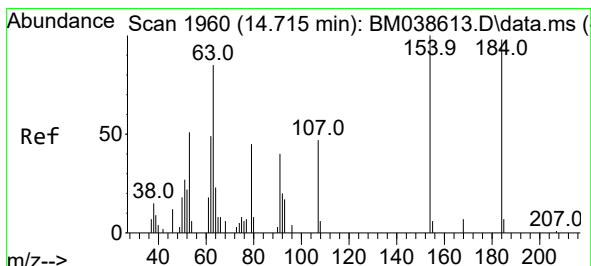
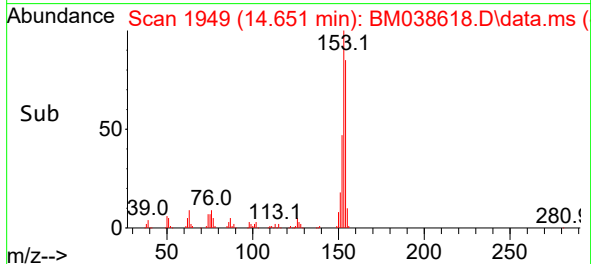
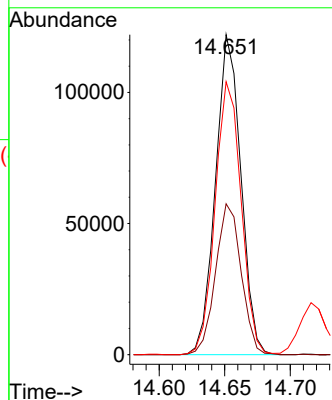
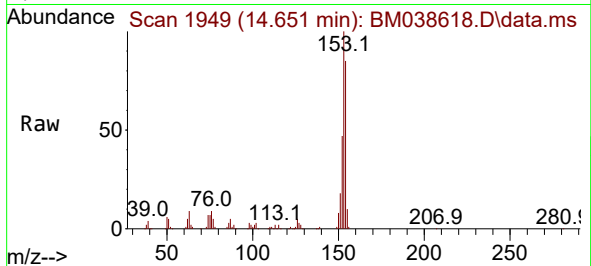




#52
Acenaphthene
Concen: 34.784 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

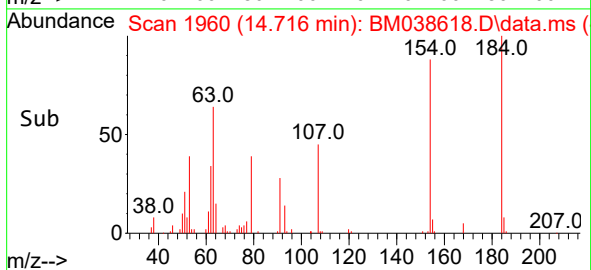
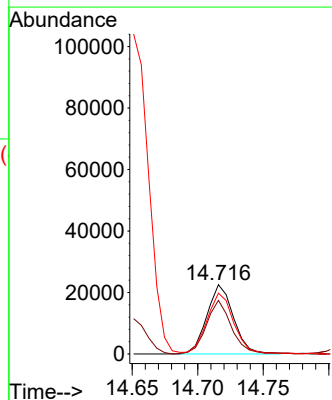
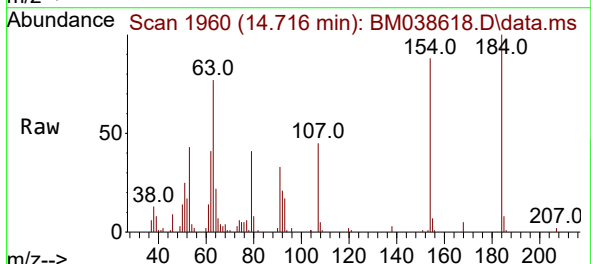
Instrument :
BNA_M
ClientSampleId :

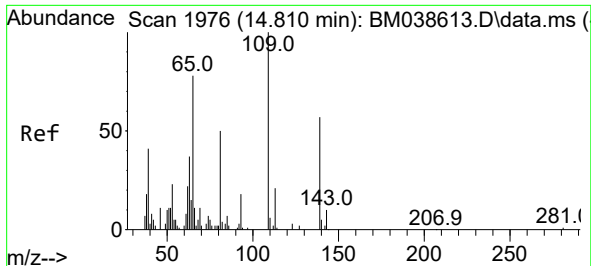
Tgt Ion:153 Resp: 164271
Ion Ratio Lower Upper
153 100
152 47.2 40.6 61.0
154 85.3 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 36.499 ng/ul
RT: 14.716 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:184 Resp: 31881
Ion Ratio Lower Upper
184 100
63 77.4 59.7 89.5
154 87.9 79.6 119.4

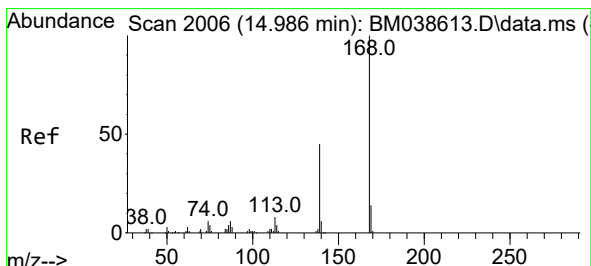
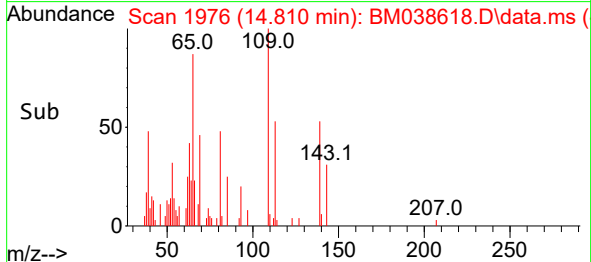
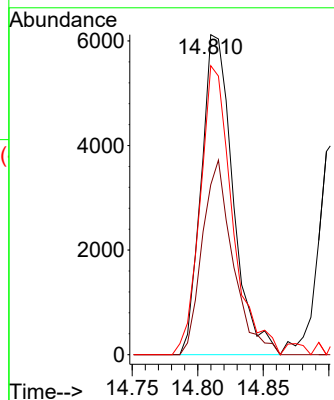
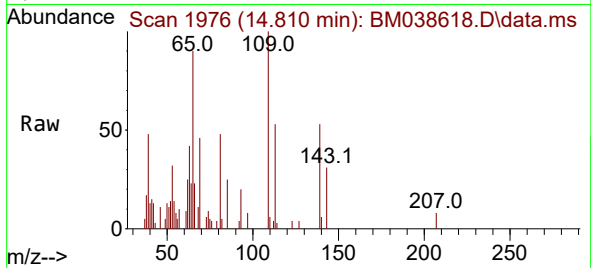




#55
4-Nitrophenol
Concen: 7.438 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

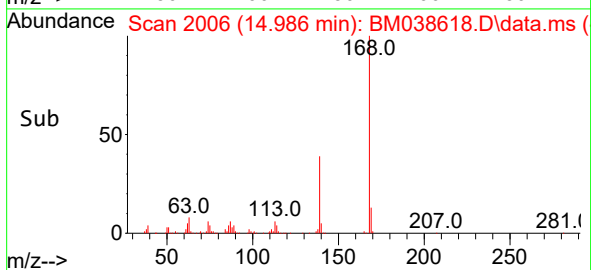
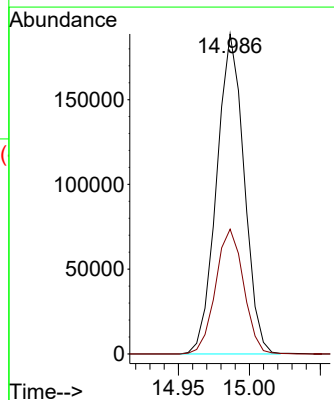
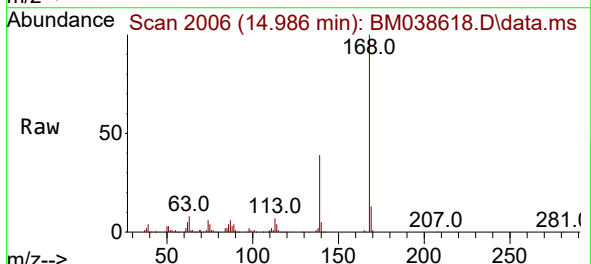
Instrument :
BNA_M
ClientSampleId :

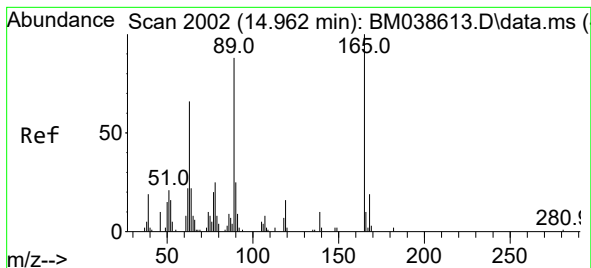
Tgt Ion:109 Resp: 10293
Ion Ratio Lower Upper
109 100
139 53.1 41.3 61.9
65 90.3 63.4 95.2



#56
Dibenzofuran
Concen: 36.145 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:168 Resp: 253884
Ion Ratio Lower Upper
168 100
139 39.0 35.4 53.0

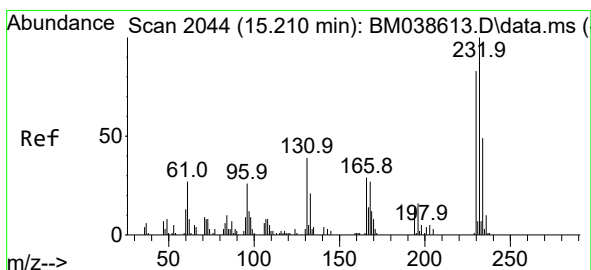
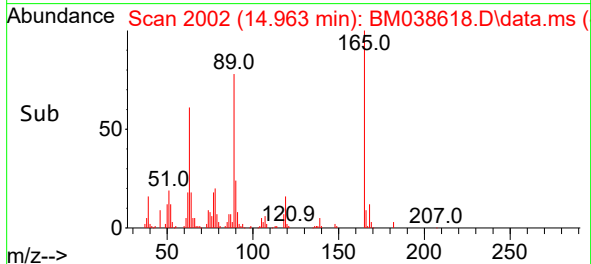
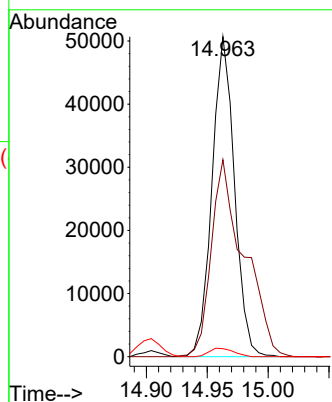
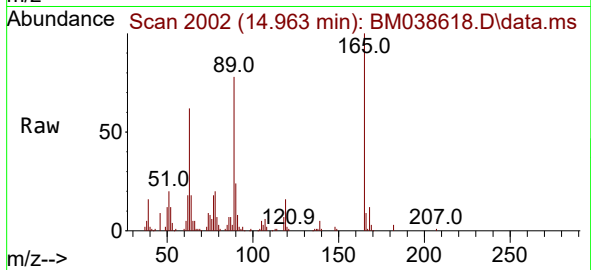




#57
 2,4-Dinitrotoluene
 Concen: 40.516 ng/ul
 RT: 14.963 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: BM038618.D
 Acq: 31 Jan 2023 14:13

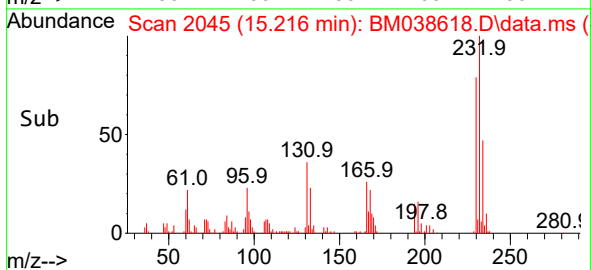
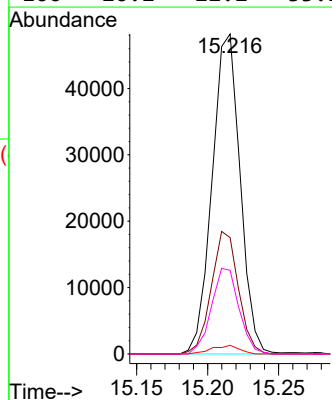
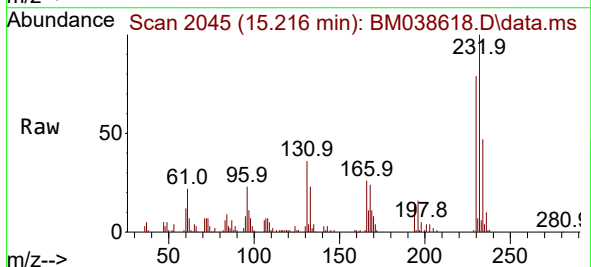
Instrument :
 BNA_M
 ClientSampleId :

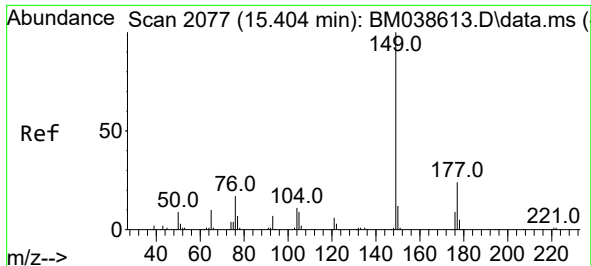
Tgt Ion:165 Resp: 64886
 Ion Ratio Lower Upper
 165 100
 63 61.6 53.1 79.7
 182 2.5 2.8 4.2#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.631 ng/ul
 RT: 15.216 min Scan# 2045
 Delta R.T. 0.000 min
 Lab File: BM038618.D
 Acq: 31 Jan 2023 14:13

Tgt Ion:232 Resp: 65999
 Ion Ratio Lower Upper
 232 100
 131 36.4 30.4 45.6
 130 2.7 2.4 3.6
 166 26.2 22.2 33.2

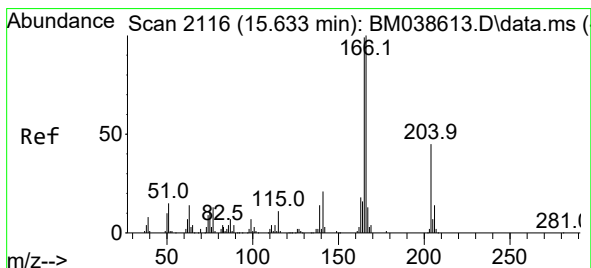
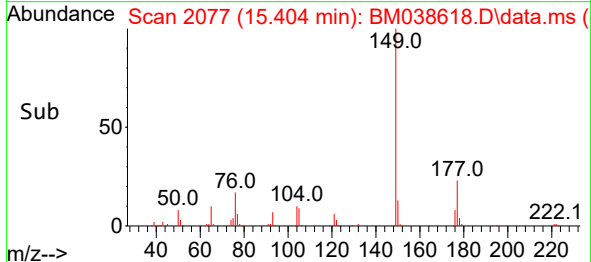
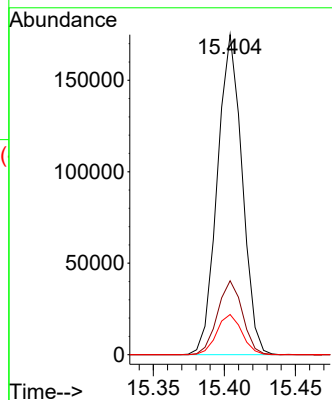
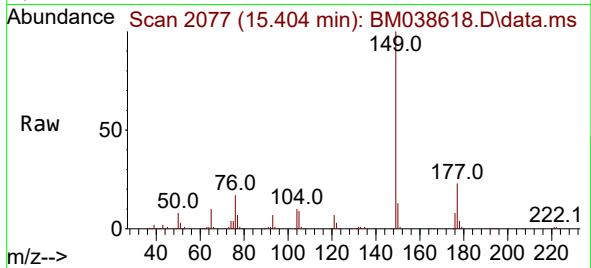




#59
Diethylphthalate
Concen: 38.582 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

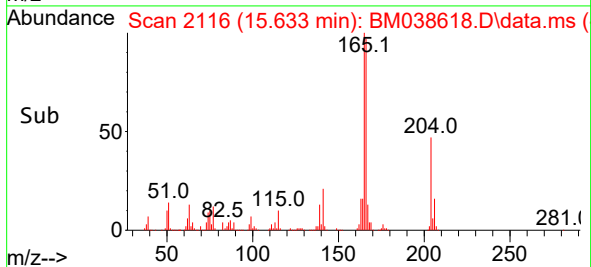
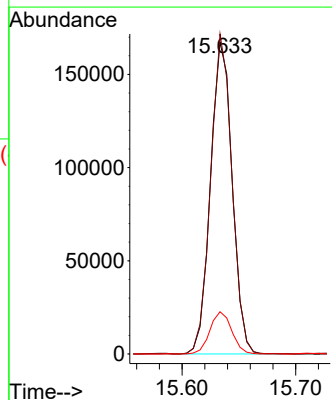
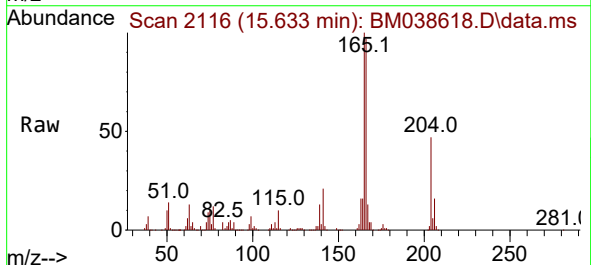
Instrument :
BNA_M
ClientSampleId :

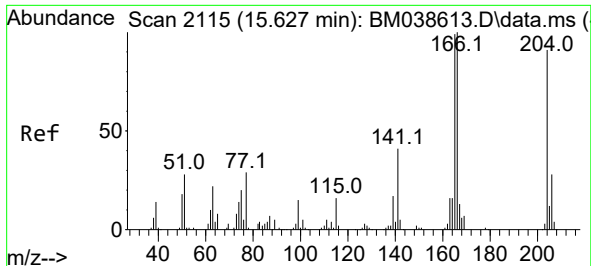
Tgt Ion:149 Resp: 212196
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 12.5 10.4 15.6



#61
Fluorene
Concen: 37.652 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:166 Resp: 222728
Ion Ratio Lower Upper
166 100
165 102.6 83.3 124.9
167 13.5 10.6 16.0

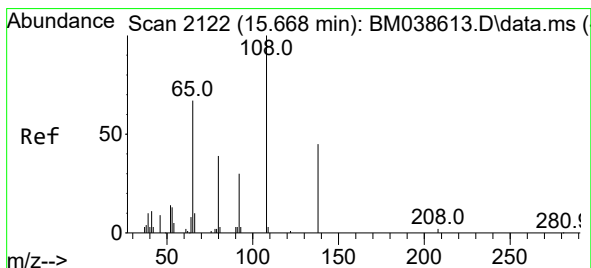
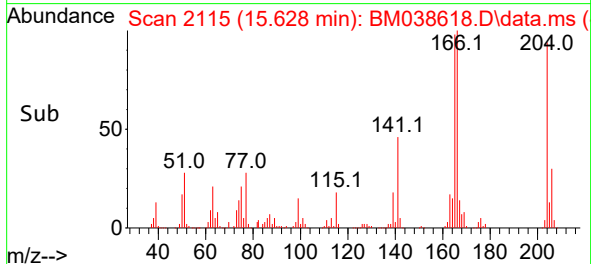
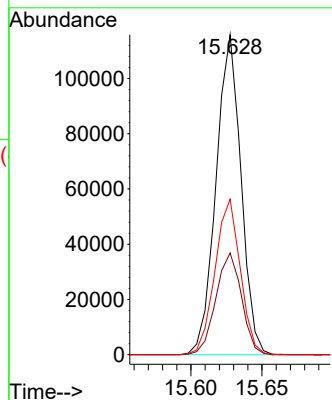
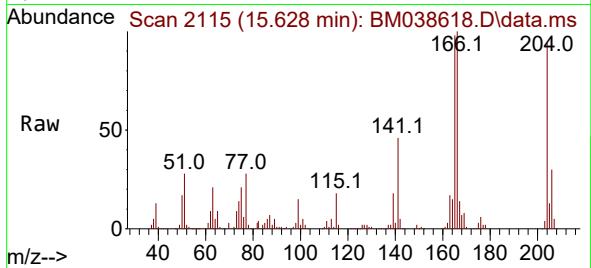




#62
4-Chlorophenyl-phenylether
Concen: 34.003 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

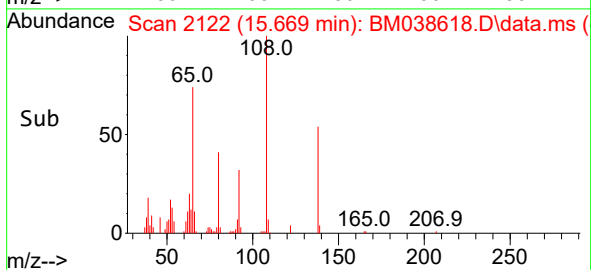
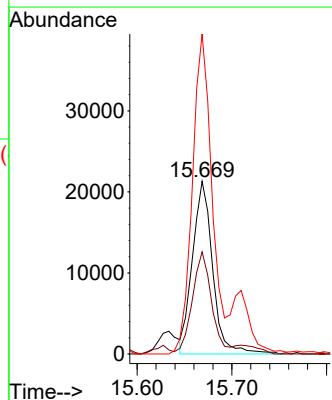
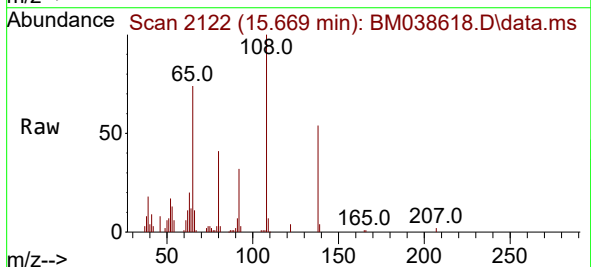
Instrument :
BNA_M
ClientSampleId :

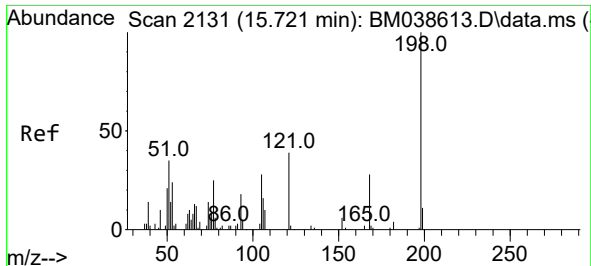
Tgt Ion:204 Resp: 141534
Ion Ratio Lower Upper
204 100
206 31.8 27.9 41.9
141 48.6 41.4 62.0



#63
4-Nitroaniline
Concen: 49.065 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:138 Resp: 31637
Ion Ratio Lower Upper
138 100
92 59.2 51.9 77.9
108 185.4 156.2 234.4

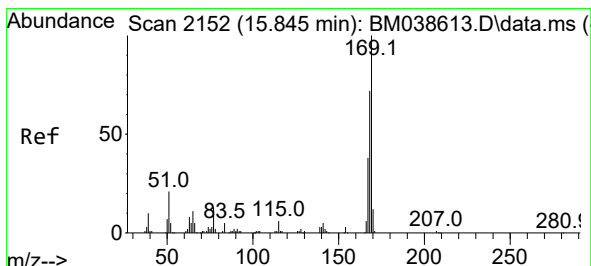
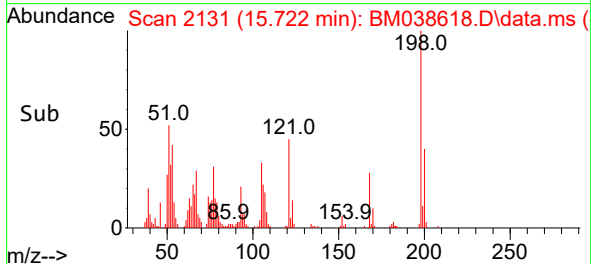
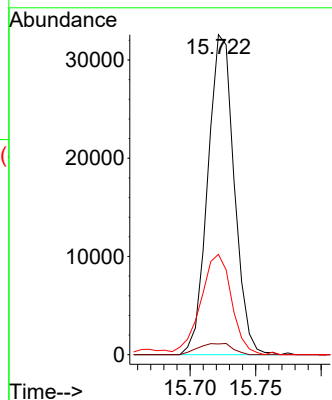
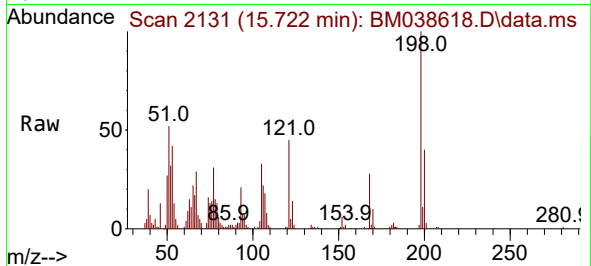




#66
 4,6-Dinitro-2-methylphenol
 Concen: 34.488 ng/ul
 RT: 15.722 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BM038618.D
 Acq: 31 Jan 2023 14:13

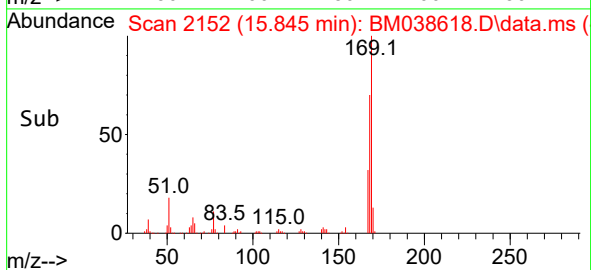
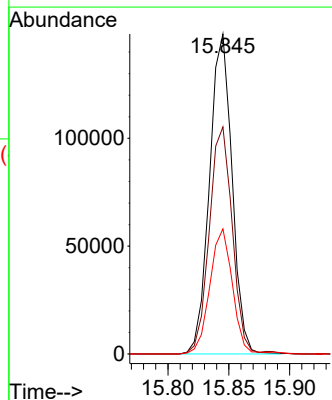
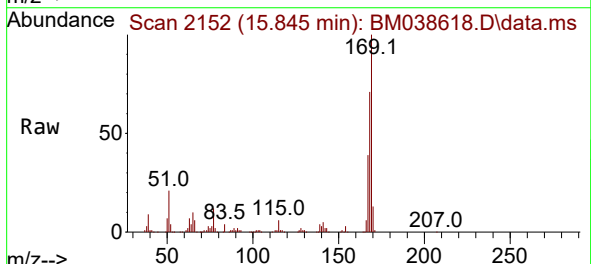
Instrument :
 BNA_M
 ClientSampleId :

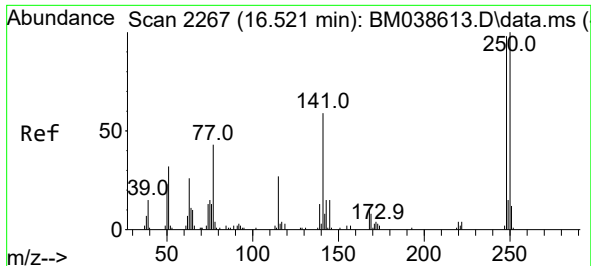
Tgt Ion:198 Resp: 45765
 Ion Ratio Lower Upper
 198 100
 182 3.4 2.7 4.1
 77 31.4 23.9 35.9



#67
 N-Nitrosodiphenylamine
 Concen: 41.165 ng/ul
 RT: 15.845 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BM038618.D
 Acq: 31 Jan 2023 14:13

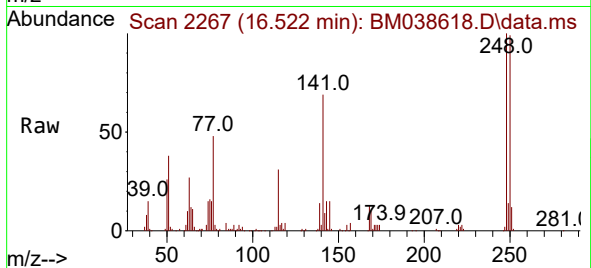
Tgt Ion:169 Resp: 190646
 Ion Ratio Lower Upper
 169 100
 168 71.0 59.1 88.7
 167 39.1 31.6 47.4



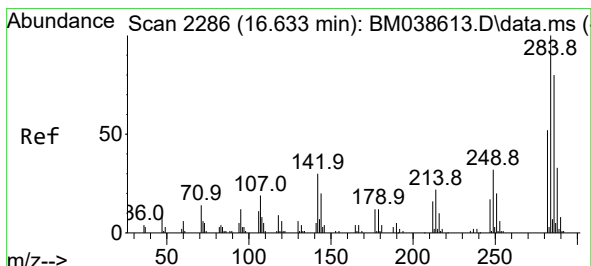
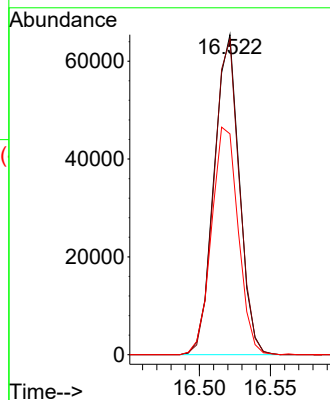
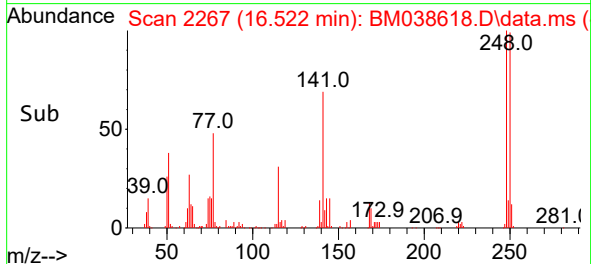


#68
4-Bromophenyl-phenylether
Concen: 34.952 ng/ul
RT: 16.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

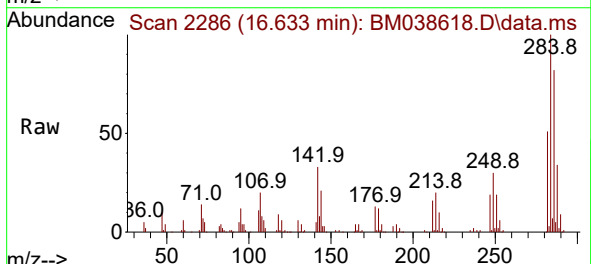
Instrument :
BNA_M
ClientSampleId :



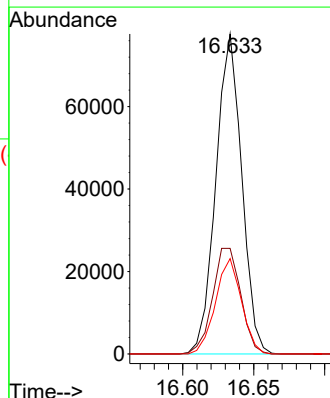
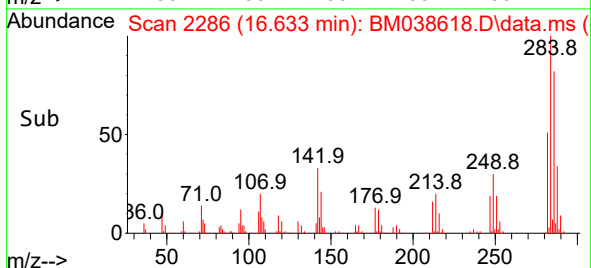
Tgt Ion:248 Resp: 80897
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.6
141 69.0 52.3 78.5

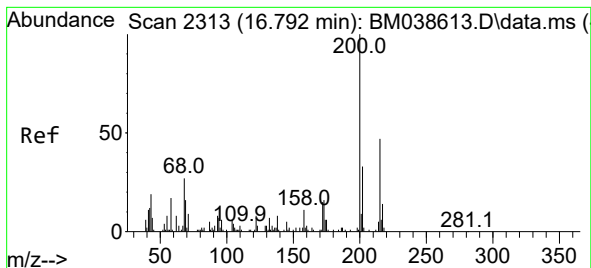


#69
Hexachlorobenzene
Concen: 36.376 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13



Tgt Ion:284 Resp: 98283
Ion Ratio Lower Upper
284 100
142 33.0 28.0 42.0
249 29.8 23.9 35.9





#70

Atrazine

Concen: 36.030 ng/ul

RT: 16.792 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :

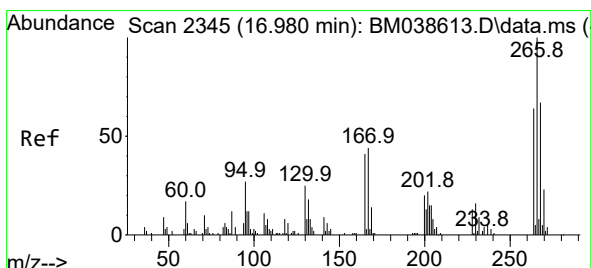
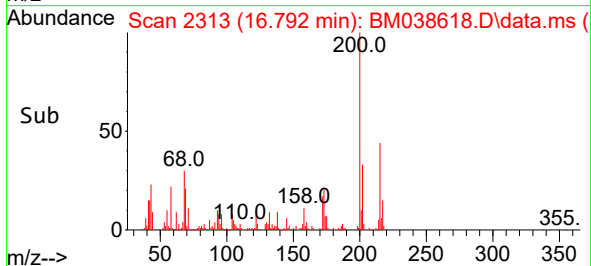
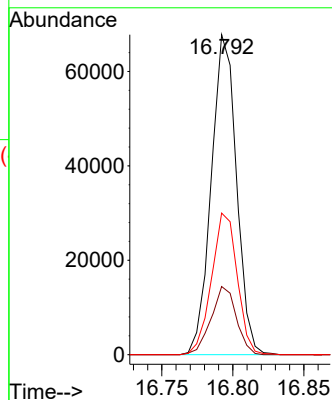
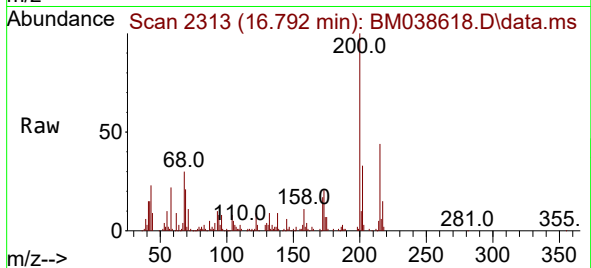
Tgt Ion:200 Resp: 83724

Ion Ratio Lower Upper

200 100

173 21.3 15.2 22.8

215 44.3 36.6 54.8



#71

Pentachlorophenol

Concen: 30.876 ng/ul

RT: 16.980 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

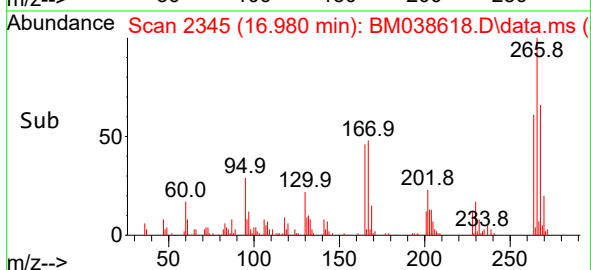
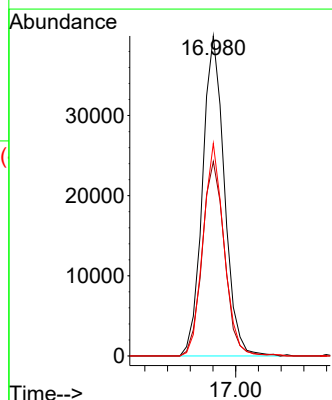
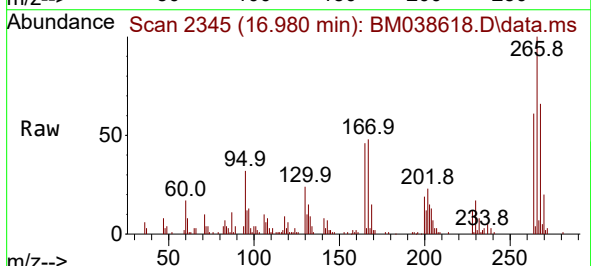
Tgt Ion:266 Resp: 53363

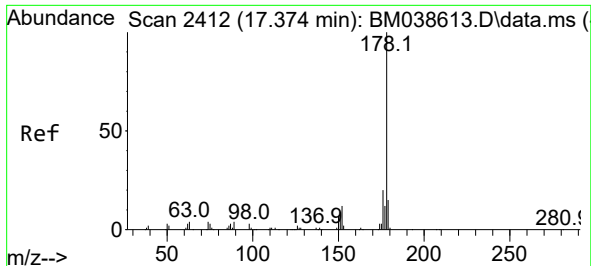
Ion Ratio Lower Upper

266 100

264 60.7 47.2 70.8

268 66.4 45.8 68.6

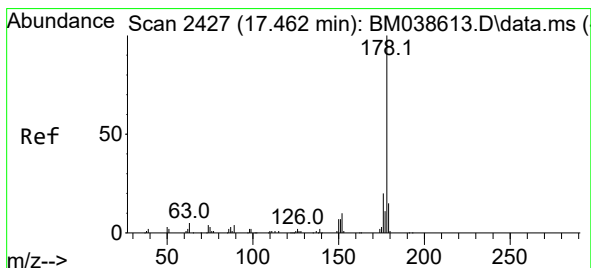
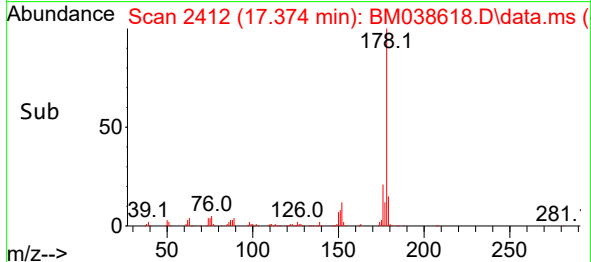
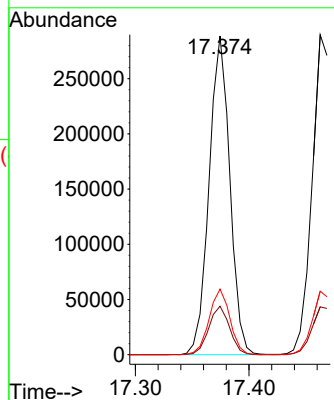
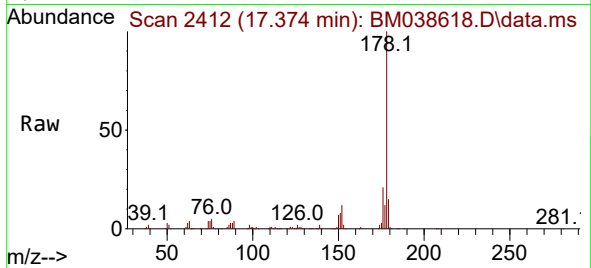




#72
Phenanthrene
Concen: 42.678 ng/ul
RT: 17.374 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

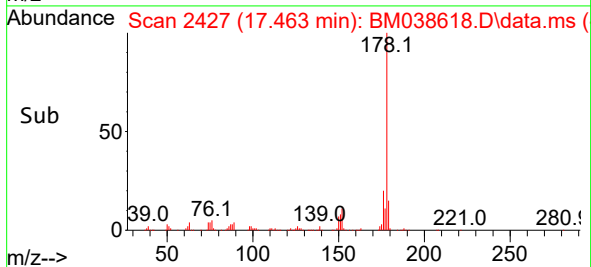
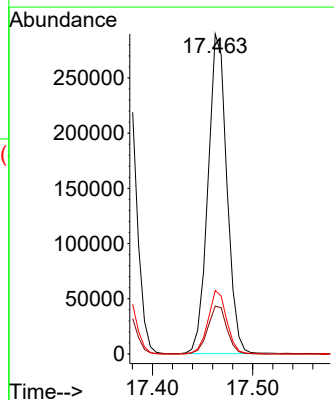
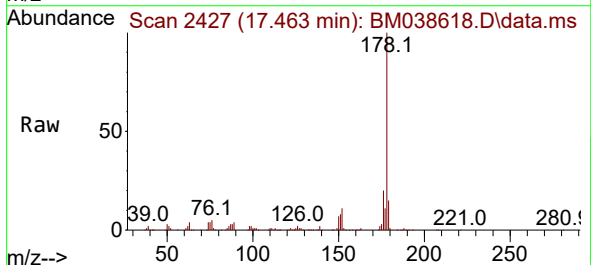
Instrument :
BNA_M
ClientSampleId :

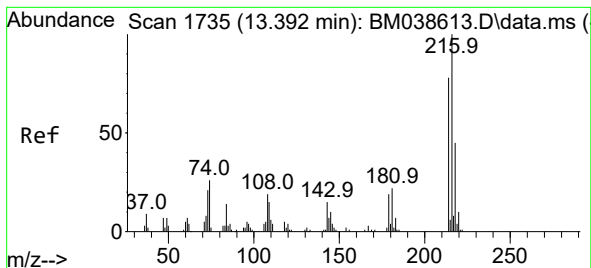
Tgt Ion:178 Resp: 366370
Ion Ratio Lower Upper
178 100
179 15.2 11.7 17.5
176 20.6 16.2 24.2



#74
Anthracene
Concen: 42.024 ng/ul
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:178 Resp: 377768
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 19.8 16.3 24.5





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.012 ng/uL

RT: 13.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :

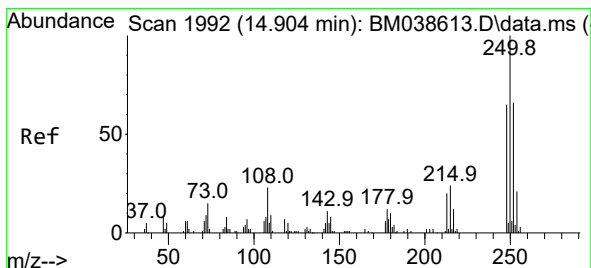
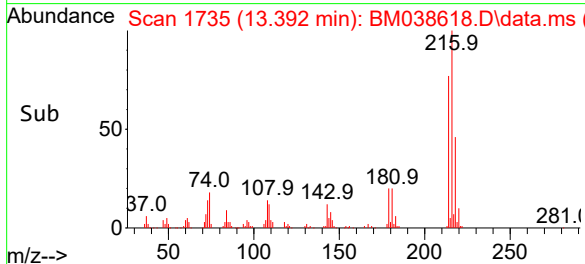
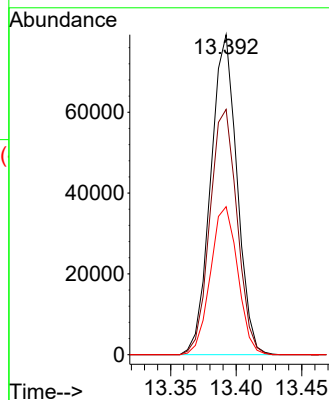
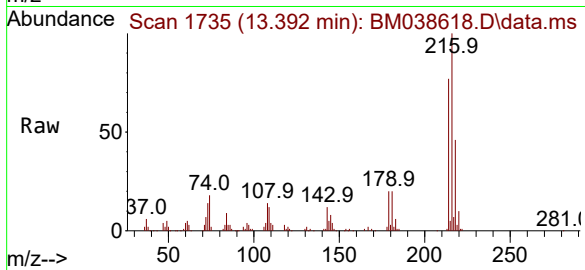
Tgt Ion:216 Resp: 110544

Ion Ratio Lower Upper

216 100

214 76.7 62.5 93.7

218 46.2 37.4 56.0



#76

Pentachlorobenzene

Concen: 35.252 ng/uL

RT: 14.904 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

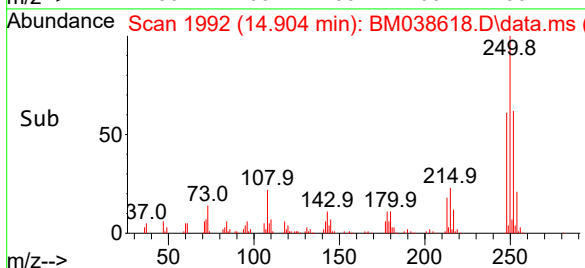
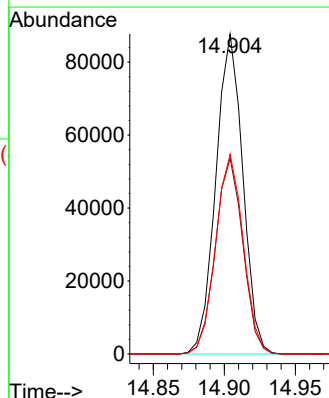
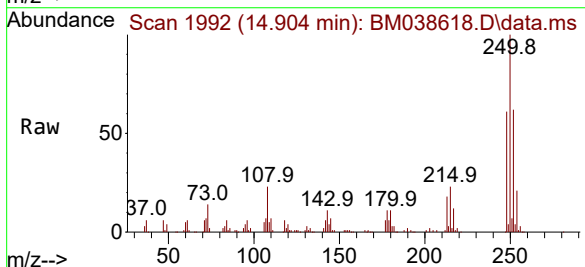
Tgt Ion:250 Resp: 115813

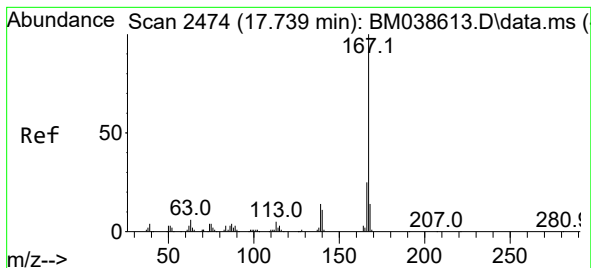
Ion Ratio Lower Upper

250 100

248 61.1 50.6 75.8

252 62.4 51.3 76.9





#77

Carbazole

Concen: 56.611 ng/ul

RT: 17.739 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :

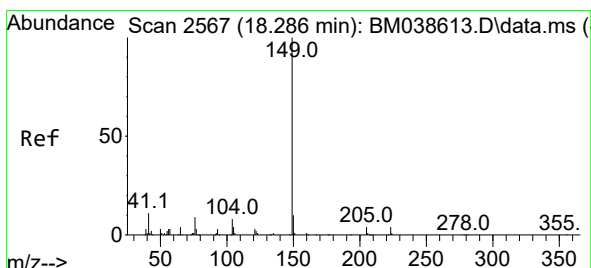
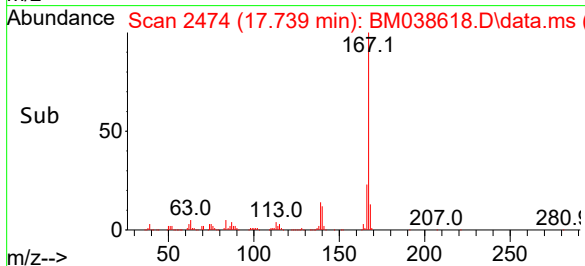
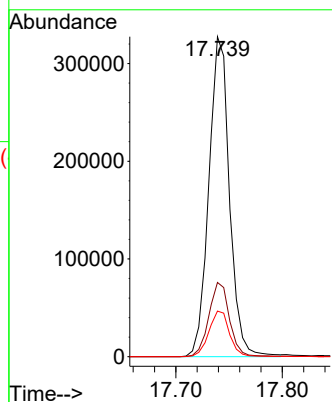
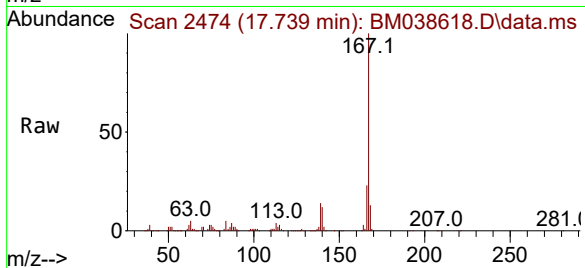
Tgt Ion:167 Resp: 441721

Ion Ratio Lower Upper

167 100

166 23.2 19.5 29.3

139 14.2 11.3 16.9



#78

Di-n-butylphthalate

Concen: 101.000 ng/ul

RT: 18.286 min Scan# 2567

Delta R.T. -0.006 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

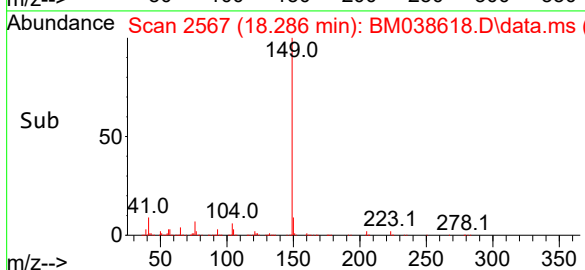
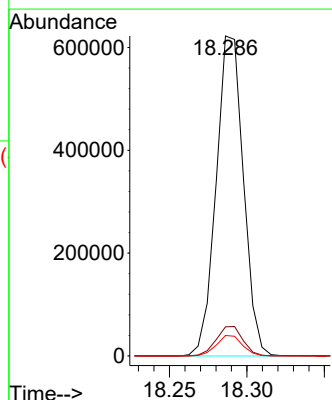
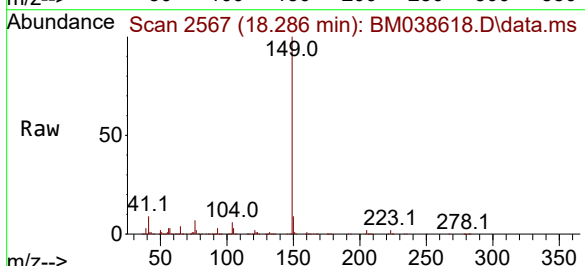
Tgt Ion:149 Resp: 762464

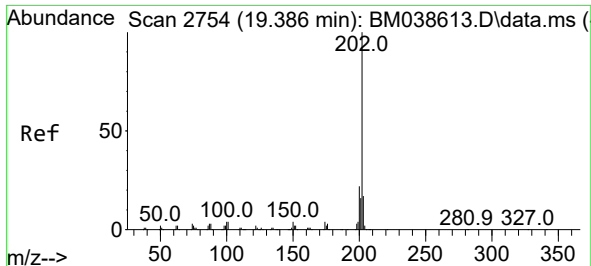
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 6.4 6.2 9.4

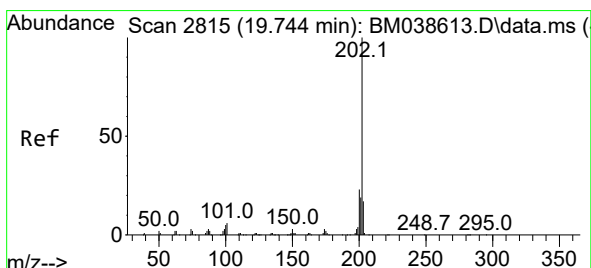
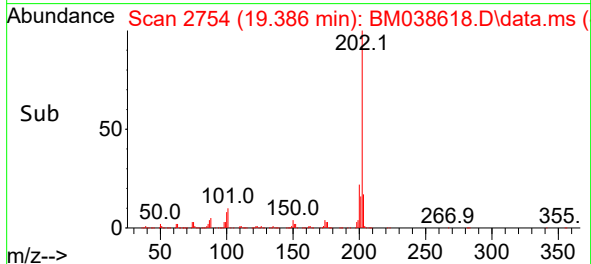
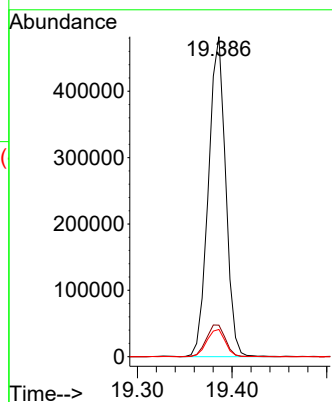
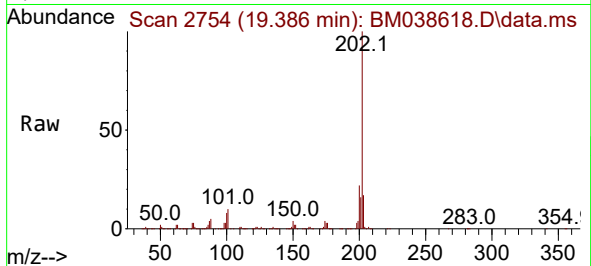




#80
Fluoranthene
Concen: 45.374 ng/ul
RT: 19.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

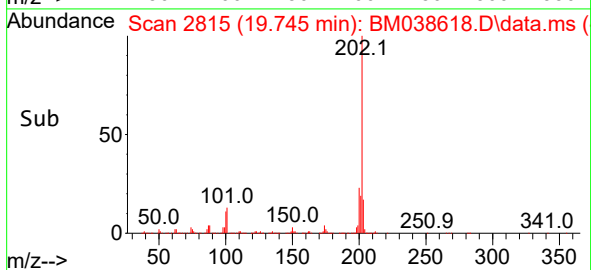
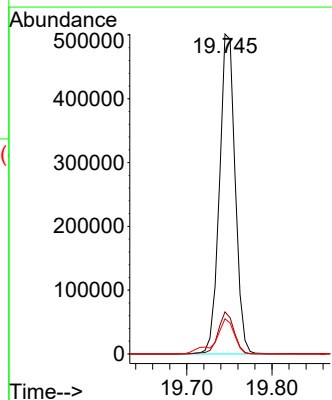
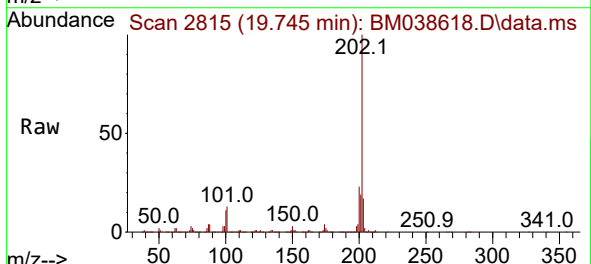
Instrument :
BNA_M
ClientSampleId :

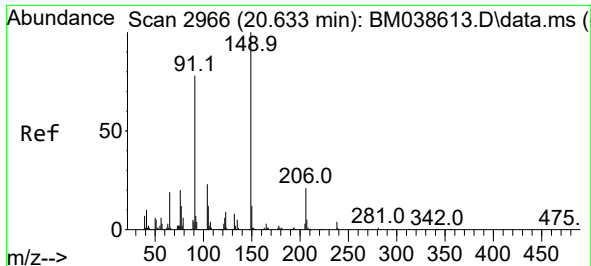
Tgt Ion:202 Resp: 608402
Ion Ratio Lower Upper
202 100
101 9.9 2.8 4.2#
100 8.5 2.4 3.6#



#82
Pyrene
Concen: 45.175 ng/ul
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:202 Resp: 642824
Ion Ratio Lower Upper
202 100
101 13.2 3.3 4.9#
100 11.0 2.8 4.2#

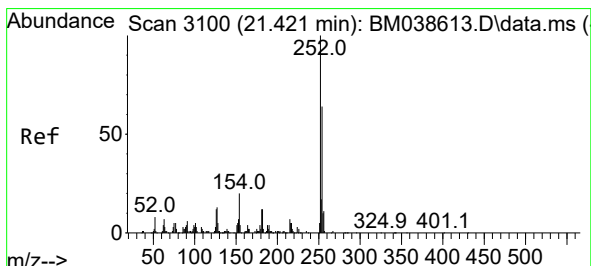
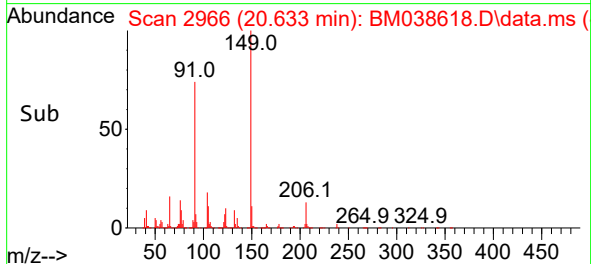
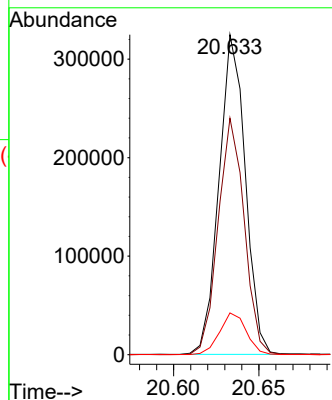
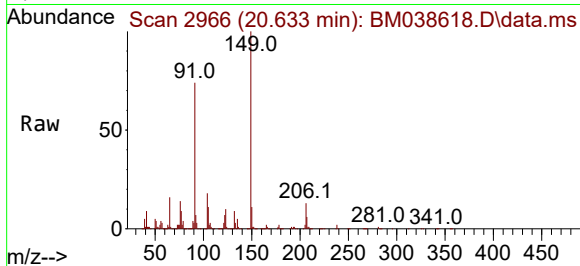




#83
 Butylbenzylphthalate
 Concen: 84.818 ng/ul
 RT: 20.633 min Scan# 2966
 Delta R.T. -0.006 min
 Lab File: BM038618.D
 Acq: 31 Jan 2023 14:13

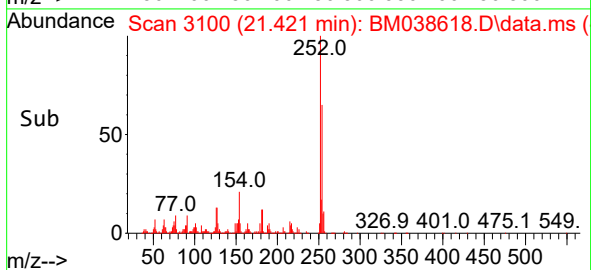
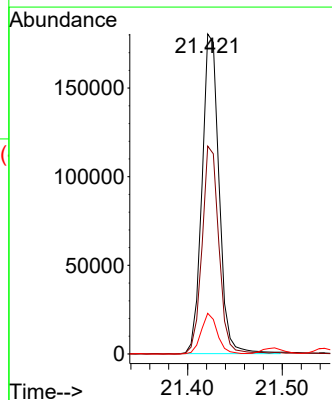
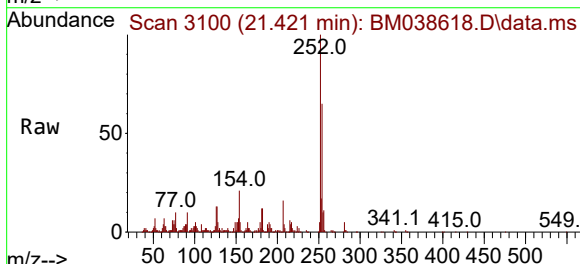
Instrument :
 BNA_M
 ClientSampleId :

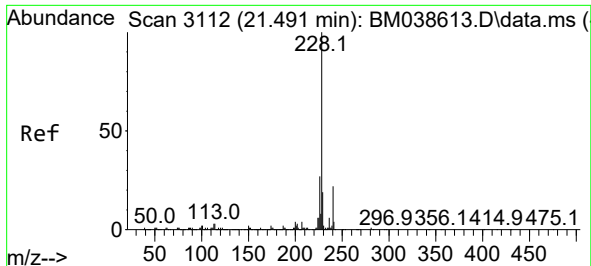
Tgt Ion:149 Resp: 348128
 Ion Ratio Lower Upper
 149 100
 91 73.9 59.0 88.4
 206 13.1 19.0 28.6#



#84
 3,3'-Dichlorobenzidine
 Concen: 40.852 ng/ul
 RT: 21.421 min Scan# 3100
 Delta R.T. -0.006 min
 Lab File: BM038618.D
 Acq: 31 Jan 2023 14:13

Tgt Ion:252 Resp: 225311
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.7 79.1
 126 12.7 5.0 7.4#

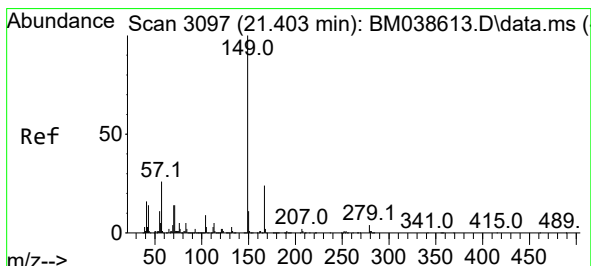
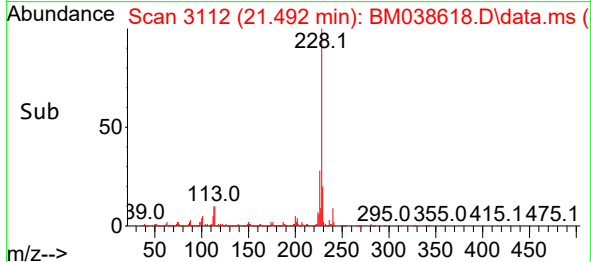
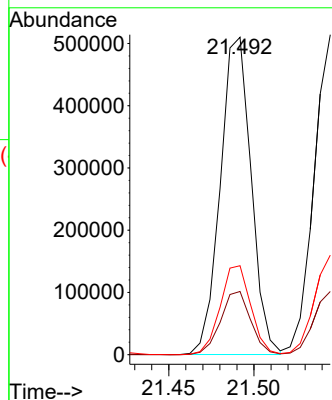
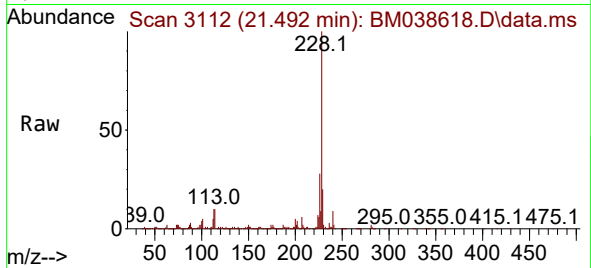




#85
Benzo(a)anthracene
Concen: 40.378 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

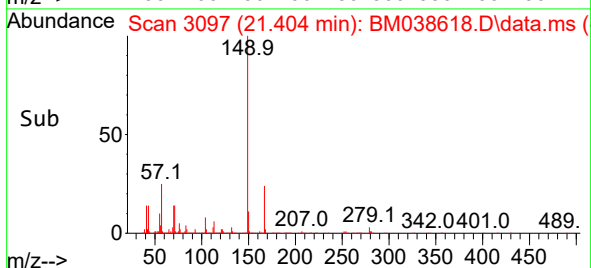
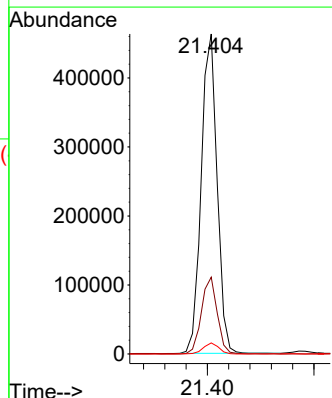
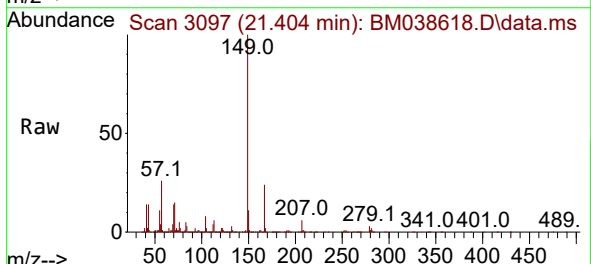
Instrument :
BNA_M
ClientSampleId :

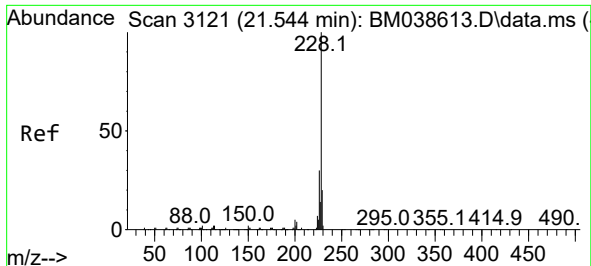
Tgt Ion:228 Resp: 642146
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 28.0 22.2 33.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 82.244 ng/ul
RT: 21.404 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

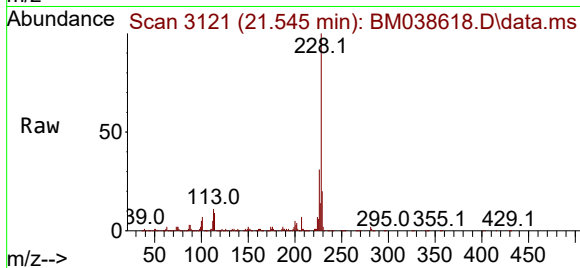
Tgt Ion:149 Resp: 480322
Ion Ratio Lower Upper
149 100
167 24.0 21.0 31.4
279 3.5 5.1 7.7#



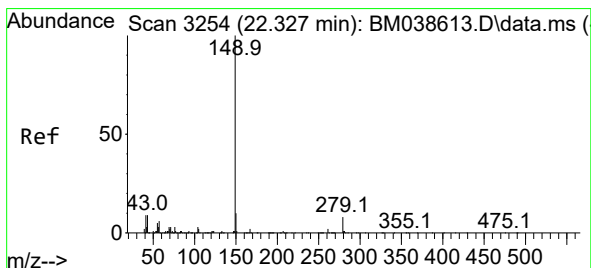
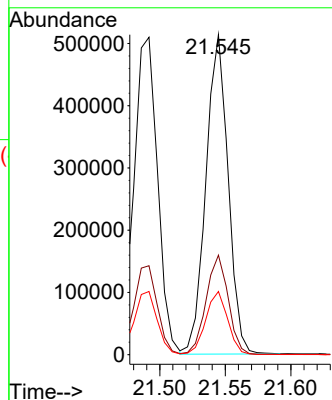
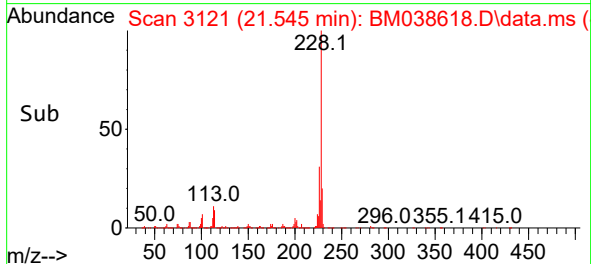


#87
Chrysene
Concen: 41.107 ng/ul
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Instrument :
BNA_M
ClientSampleId :

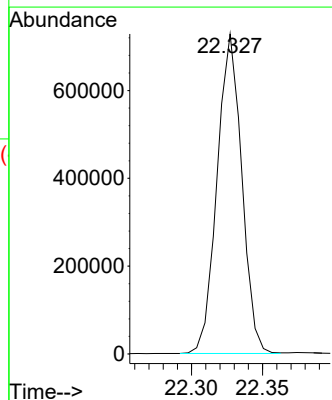
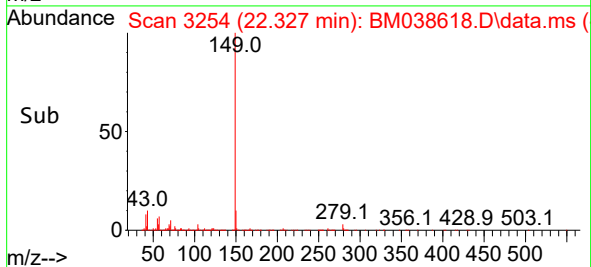
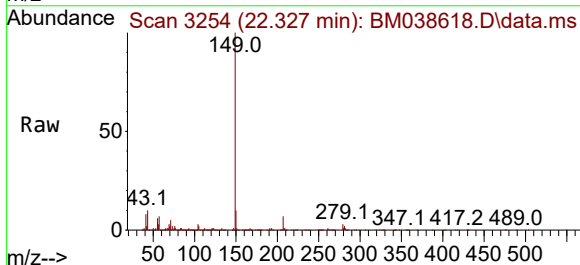


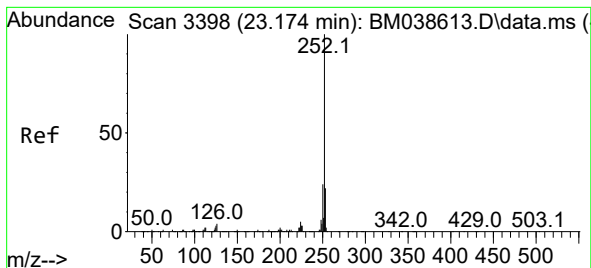
Tgt Ion:228 Resp: 605098
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 19.7 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 67.078 ng/ul
RT: 22.327 min Scan# 3254
Delta R.T. -0.006 min
Lab File: BM038618.D
Acq: 31 Jan 2023 14:13

Tgt Ion:149 Resp: 877566





#90

Benzo(b)fluoranthene

Concen: 42.212 ng/ul

RT: 23.180 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :

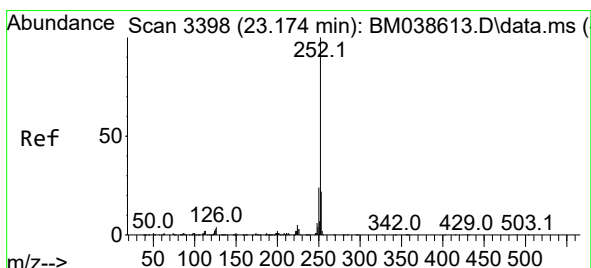
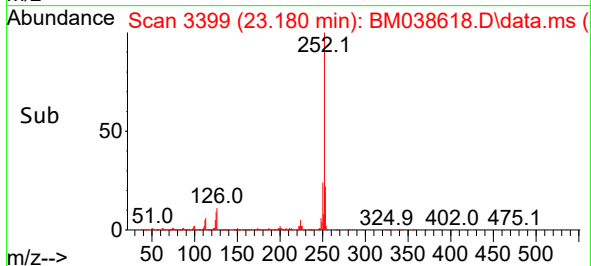
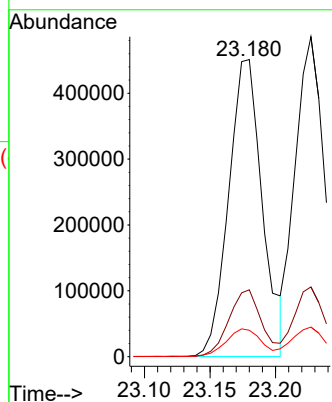
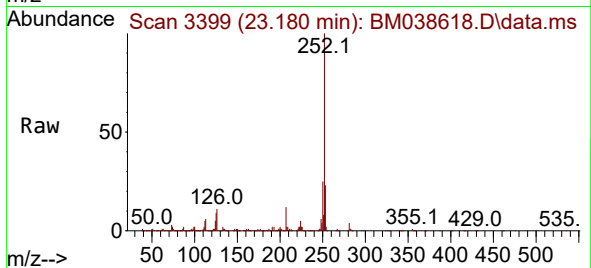
Tgt Ion:252 Resp: 806188

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 8.9 2.6 3.8#



#91

Benzo(k)fluoranthene

Concen: 39.960 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

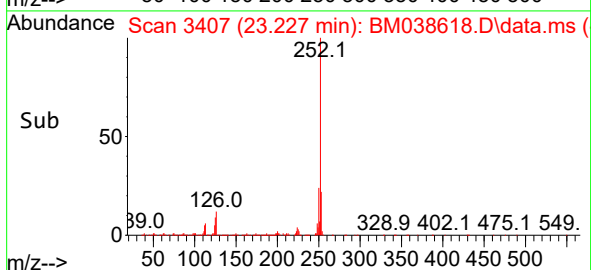
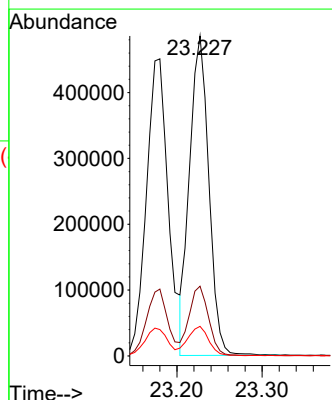
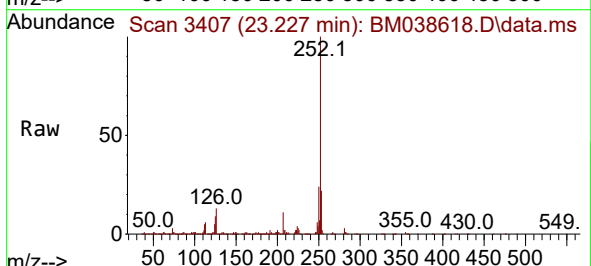
Tgt Ion:252 Resp: 760700

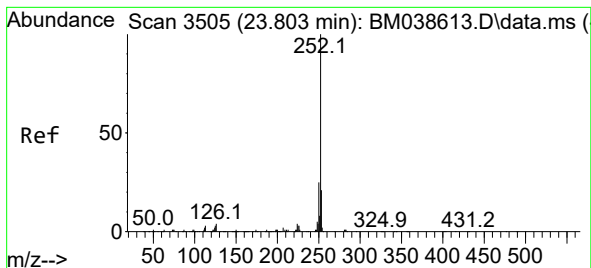
Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 9.3 2.6 4.0#





#93

Benzo(a)pyrene

Concen: 40.340 ng/ul

RT: 23.809 min Scan# 3

Delta R.T. 0.000 min

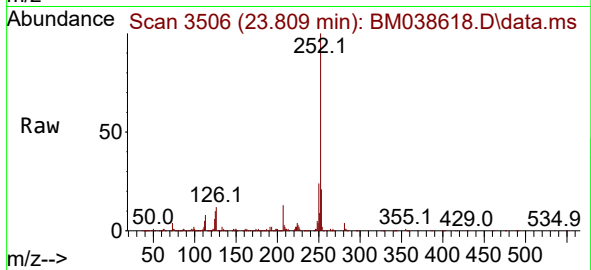
Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :



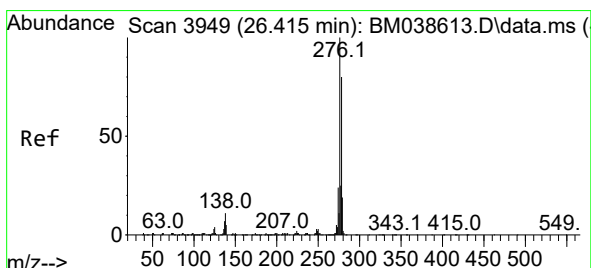
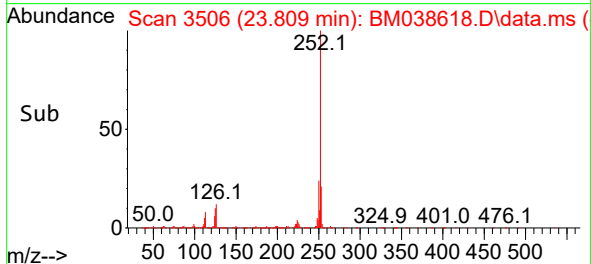
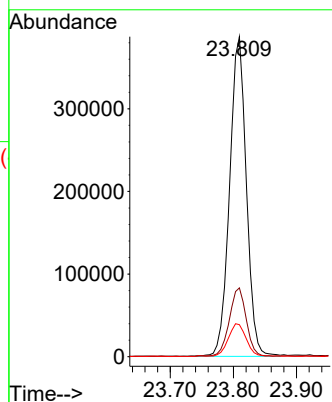
Tgt Ion:252 Resp: 713457

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 10.0 2.8 4.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.012 ng/ul

RT: 26.427 min Scan# 3951

Delta R.T. 0.006 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

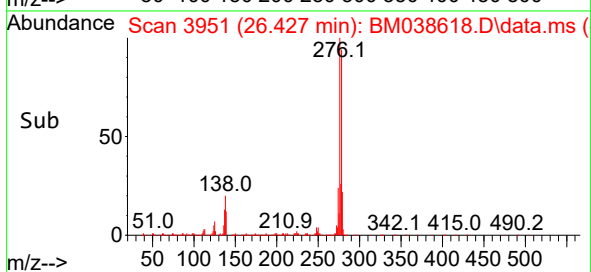
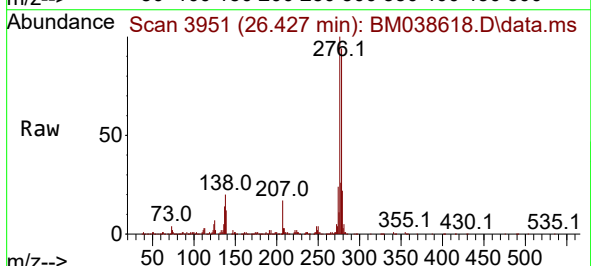
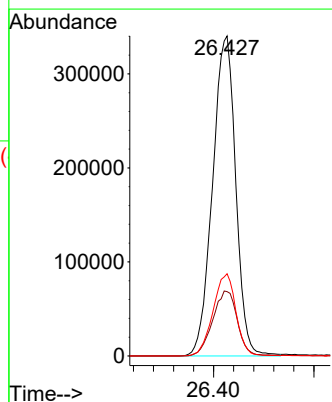
Tgt Ion:276 Resp: 1090643

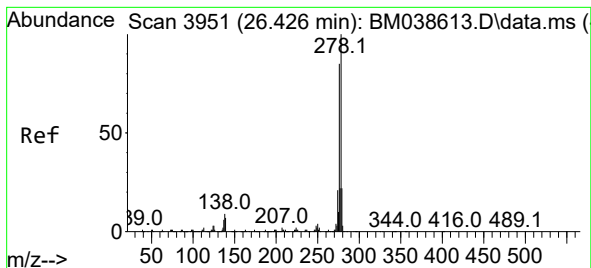
Ion Ratio Lower Upper

276 100

138 20.1 6.1 9.1#

277 25.7 20.5 30.7





#95

Dibenzo(a,h)anthracene

Concen: 38.807 ng/ul

RT: 26.433 min Scan# 3951

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Instrument :

BNA_M

ClientSampleId :

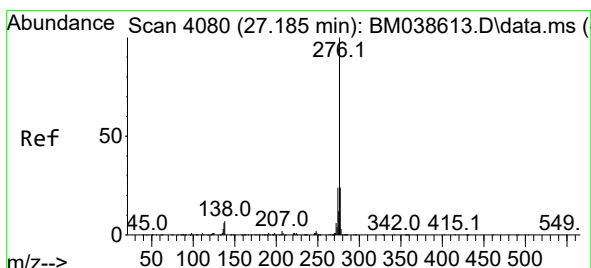
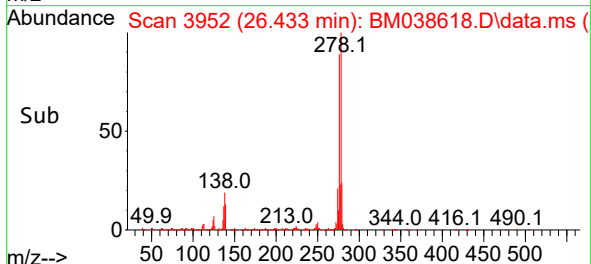
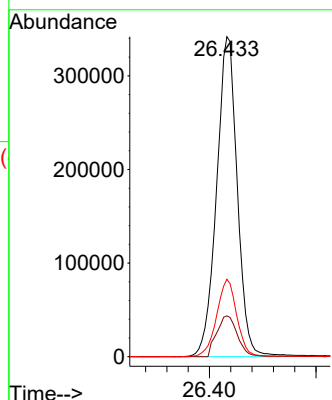
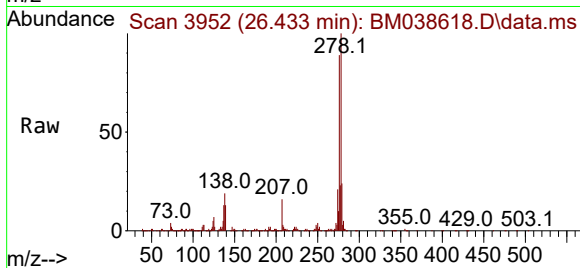
Tgt Ion:278 Resp: 920779

Ion Ratio Lower Upper

278 100

139 12.8 4.3 6.5#

279 24.2 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 38.410 ng/ul

RT: 27.197 min Scan# 4082

Delta R.T. 0.000 min

Lab File: BM038618.D

Acq: 31 Jan 2023 14:13

Tgt Ion:276 Resp: 871559

Ion Ratio Lower Upper

276 100

138 18.3 6.0 9.0#

277 23.8 19.2 28.8

