

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010924\
 Data File : BM043806.D
 Acq On : 09 Jan 2024 18:27
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV005

Quant Time: Jan 10 01:13:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	268123	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1203057	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	765498	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1620608	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1603733	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1766141	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	58583	8.436	ng/uL	0.00
4) Pyridine-d5	3.781	84	420492	19.657	ng/u1	0.00
7) Phenol-d5	7.122	99	520406	19.179	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	337766	19.975	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	408332	20.687	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	425707	19.696	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	214050	21.230	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	237035	20.878	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	429700	21.135	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	639844	19.870	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1330624	20.752	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1533224	20.993	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	250991	20.013	ng/u1	0.00
60) Fluorene-d10	15.586	176	1120192	20.760	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	209205	18.284	ng/u1	0.00
73) Anthracene-d10	17.445	188	1719466	20.849	ng/u1	0.00
81) Pyrene-d10	19.739	212	1973316	19.922	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	2016995	20.689	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	60027	8.239	ng/uL	98
5) Pyridine	3.799	79	432339	19.698	ng/u1	97
6) Benzaldehyde	7.098	77	277624	25.923	ng/u1	99
8) Phenol	7.146	94	531438	19.500	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.381	93	441382	20.088	ng/u1	100
12) 2-Chlorophenol	7.510	128	424676	20.728	ng/u1	98
13) 2-Methylphenol	8.404	108	408228	19.446	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	755712	20.399	ng/u1	99
16) Acetophenone	8.787	105	687116	20.502	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	383090	20.680	ng/u1	99
18) 4-Methylphenol	8.734	108	450873	19.770	ng/u1	98
19) Hexachloroethane	9.016	117	185325	20.873	ng/u1	98
22) Nitrobenzene	9.169	77	529872	21.077	ng/u1	98
23) Isophorone	9.698	82	1072689	20.802	ng/u1	100
25) 2-Nitrophenol	9.881	139	254409	21.201	ng/u1	98
26) 2,4-Dimethylphenol	9.939	107	486543	20.903	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	635088	20.765	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	421358	20.904	ng/u1	99
30) Naphthalene	10.810	128	1459896	20.856	ng/u1	100
32) 4-Chloroaniline	10.939	127	628114	20.072	ng/u1	100
33) Hexachlorobutadiene	11.075	225	235211	20.854	ng/u1	98
34) Caprolactam	11.745	113	149304	20.572	ng/u1	93
35) 4-Chloro-3-methylphenol	12.063	107	465683	20.850	ng/u1	99
36) 2-Methylnaphthalene	12.422	142	1013849	20.777	ng/u1	99

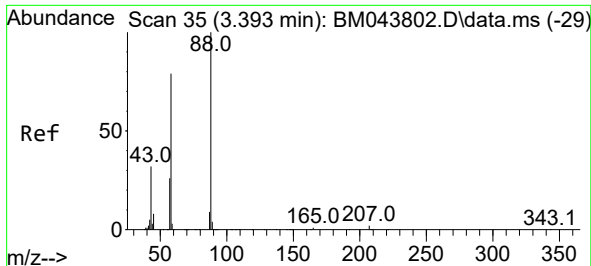
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	1009438	20.747	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	471093	20.693	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	261307	17.162	ng/ul	99
41) 2,4,6-Trichlorophenol	13.033	196	333258	20.617	ng/ul	100
42) 2,4,5-Trichlorophenol	13.110	196	357803	20.847	ng/ul	99
43) 1,1'-Biphenyl	13.427	154	1348772	20.635	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	1056165	20.970	ng/ul	99
45) 2-Nitroaniline	13.698	65	337316	21.220	ng/ul	99
47) Dimethylphthalate	14.063	163	1341224	20.809	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	268524	21.021	ng/ul	99
50) Acenaphthylene	14.316	152	1798307	21.084	ng/ul	99
51) 3-Nitroaniline	14.522	138	279294	20.677	ng/ul	94
52) Acenaphthene	14.657	153	1181536	20.890	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	139356	17.556	ng/ul	96
55) 4-Nitrophenol	14.839	109	193044	20.175	ng/ul	96
56) Dibenzofuran	14.992	168	1590888	20.935	ng/ul	100
57) 2,4-Dinitrotoluene	14.980	165	396789	21.086	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.221	232	298024	20.840	ng/ul	97
59) Diethylphthalate	15.421	149	1391330	20.249	ng/ul	99
61) Fluorene	15.645	166	1368096	21.001	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	613047	20.103	ng/ul	99
63) 4-Nitroaniline	15.686	138	248332	22.884	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	229494	18.633	ng/ul	92
67) N-Nitrosodiphenylamine	15.857	169	1107524	20.766	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	366159	20.194	ng/ul	98
69) Hexachlorobenzene	16.639	284	438998	20.523	ng/ul	99
70) Atrazine	16.815	200	378134	19.602	ng/ul	98
71) Pentachlorophenol	16.992	266	243429	18.101	ng/ul	99
72) Phenanthrene	17.386	178	2097143	21.072	ng/ul	99
74) Anthracene	17.480	178	2149525	21.223	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	465882	20.506	ng/ul	99
76) Pentachlorobenzene	14.904	250	475734	20.522	ng/ul	99
77) Carbazole	17.762	167	1941444	20.678	ng/ul	100
78) Di-n-butylphthalate	18.321	149	2521773	19.779	ng/ul	100
80) Fluoranthene	19.404	202	2392444	19.739	ng/ul	100
82) Pyrene	19.768	202	2536572	20.195	ng/ul	100
83) Butylbenzylphthalate	20.674	149	1188741	20.015	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	841021	21.783	ng/ul	100
85) Benzo(a)anthracene	21.521	228	2564759	20.944	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	1862012	19.685	ng/ul	98
87) Chrysene	21.574	228	2324028	21.024	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	3100407	18.857	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2512698	20.298	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	2478478	20.327	ng/ul	100
93) Benzo(a)pyrene	23.850	252	2345961	20.703	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.485	276	2815173	21.769	ng/ul	97
95) Dibenzo(a,h)anthracene	26.509	278	2325034	21.699	ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	2147486	21.868	ng/ul	100

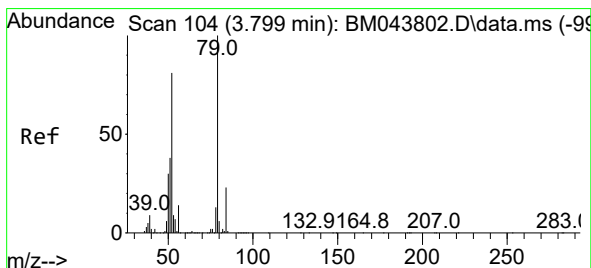
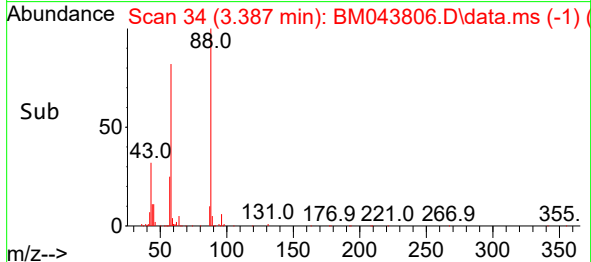
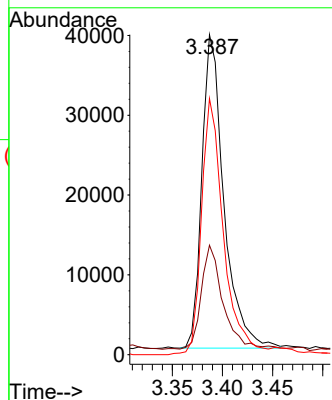
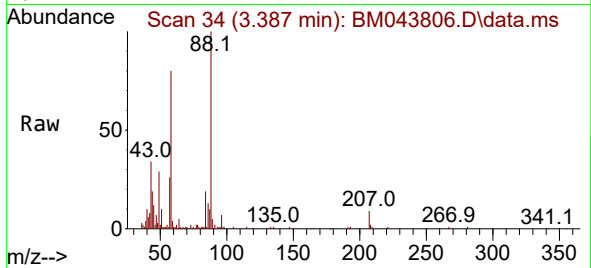
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#2
1,4-Dioxane
Concen: 8.239 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
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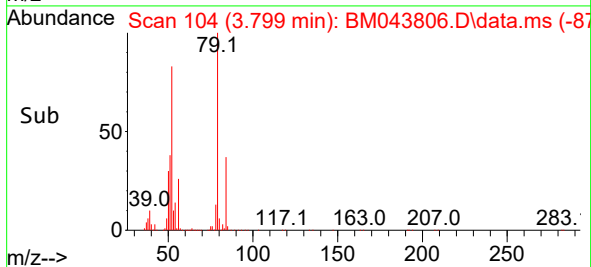
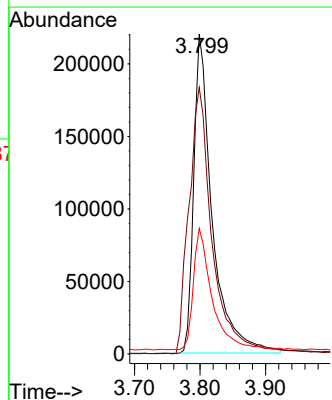
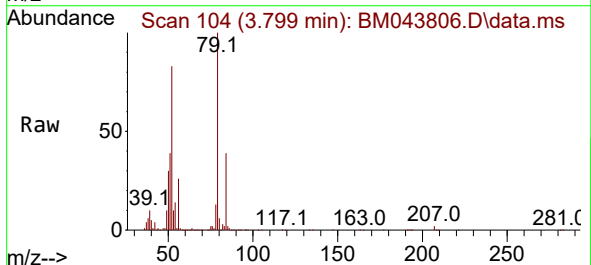
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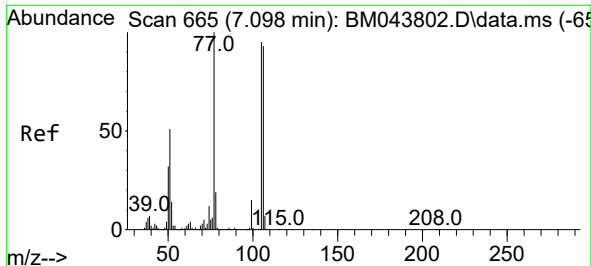
Tgt Ion: 88 Resp: 60027
Ion Ratio Lower Upper
88 100
43 34.2 27.2 40.8
58 80.1 62.6 93.8



#5
Pyridine
Concen: 19.698 ng/uL
RT: 3.799 min Scan# 104
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion: 79 Resp: 432339
Ion Ratio Lower Upper
79 100
52 83.2 69.4 104.0
51 39.2 31.4 47.2

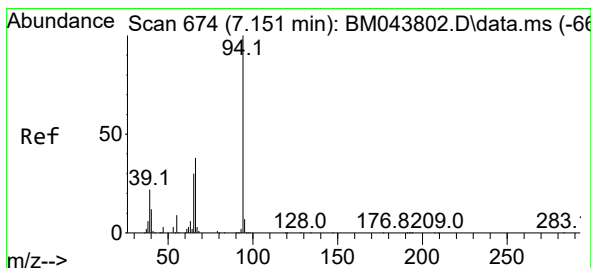
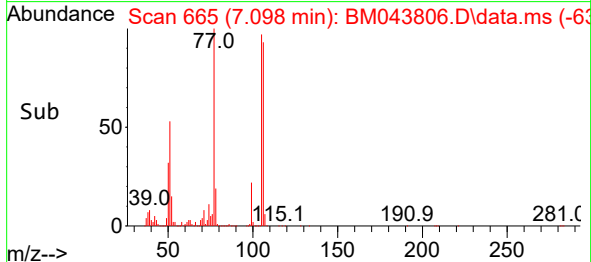
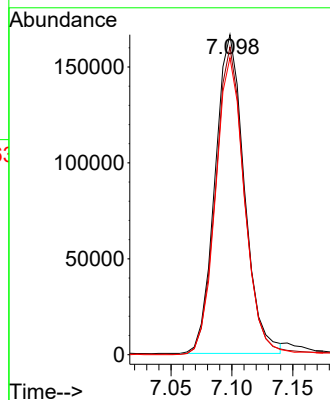
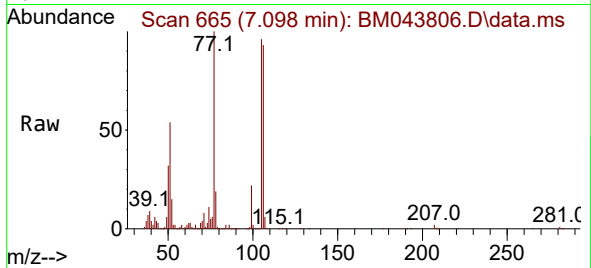




#6
Benzaldehyde
Concen: 25.923 ng/ul
RT: 7.098 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

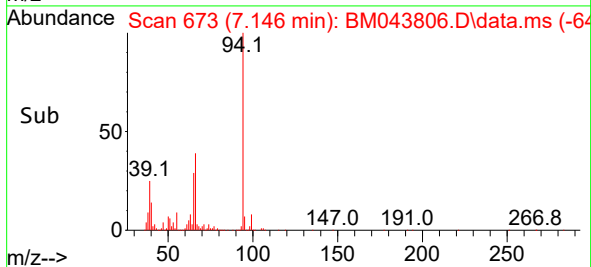
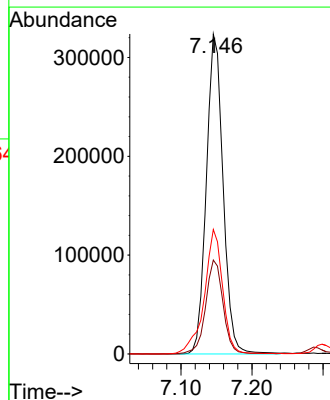
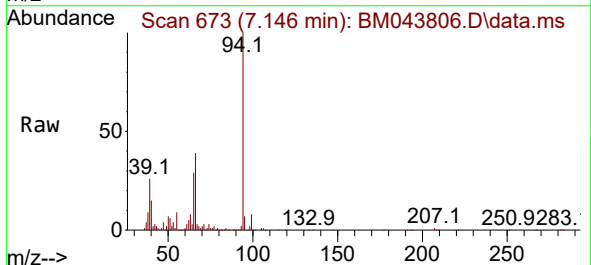
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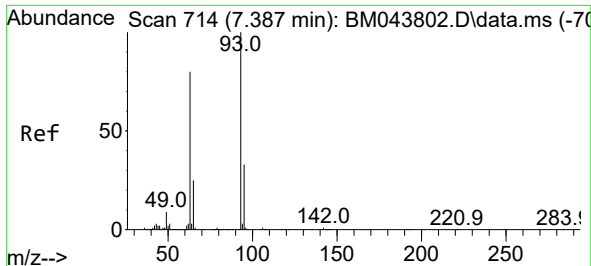
Tgt Ion: 77 Resp: 277624
Ion Ratio Lower Upper
77 100
105 96.2 76.0 114.0
106 92.8 74.2 111.4



#8
Phenol
Concen: 19.500 ng/ul
RT: 7.146 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion: 94 Resp: 531438
Ion Ratio Lower Upper
94 100
65 29.4 23.9 35.9
66 38.9 30.7 46.1

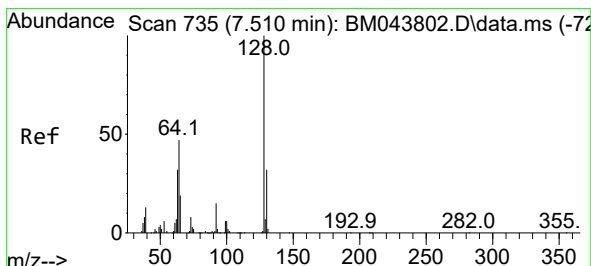
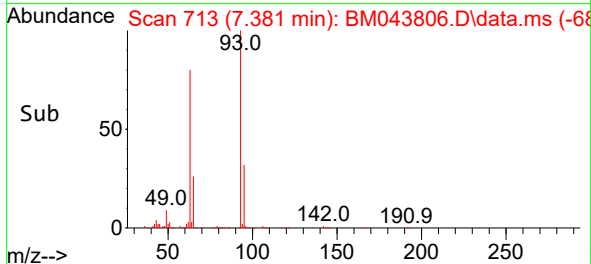
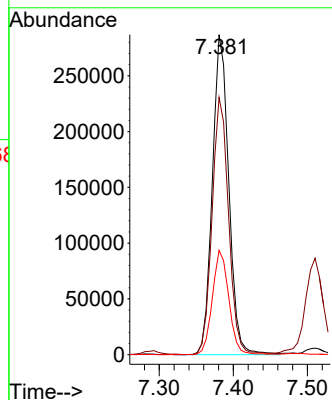
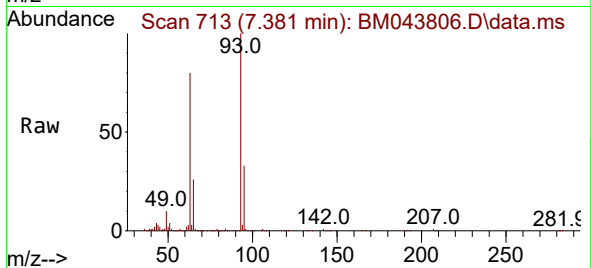




#10
Bis(2-Chloroethyl)ether
Concen: 20.088 ng/ul
RT: 7.381 min Scan# 713
Delta R.T. -0.006 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

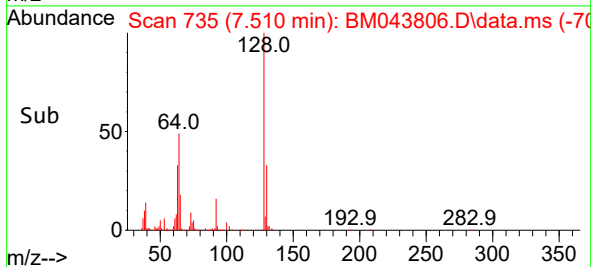
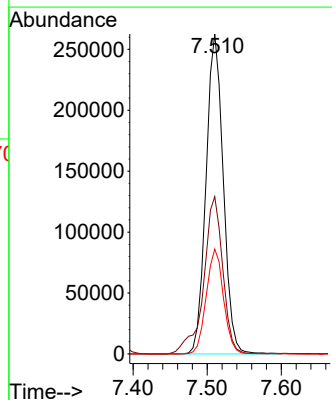
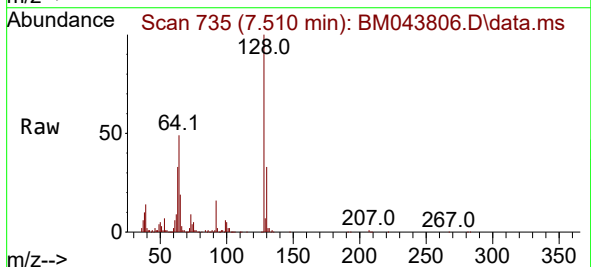
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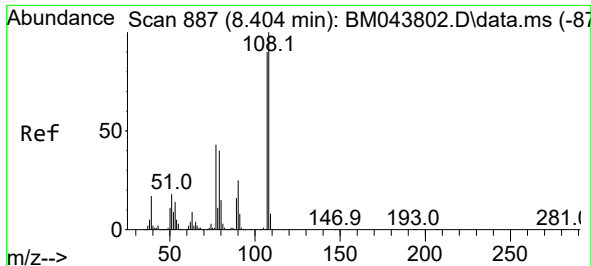
Tgt Ion: 93 Resp: 441382
Ion Ratio Lower Upper
93 100
63 80.4 64.1 96.1
95 32.6 26.1 39.1



#12
2-Chlorophenol
Concen: 20.728 ng/ul
RT: 7.510 min Scan# 735
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:128 Resp: 424676
Ion Ratio Lower Upper
128 100
64 49.2 38.7 58.1
130 32.8 25.3 37.9





#13

2-Methylphenol

Concen: 19.446 ng/ul

RT: 8.404 min Scan# 887

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

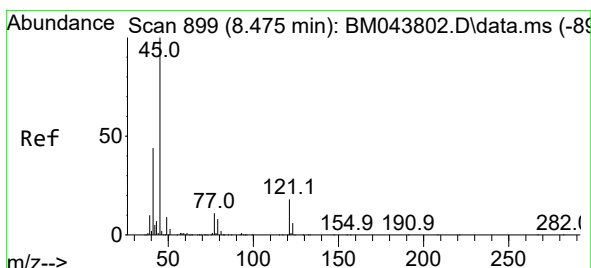
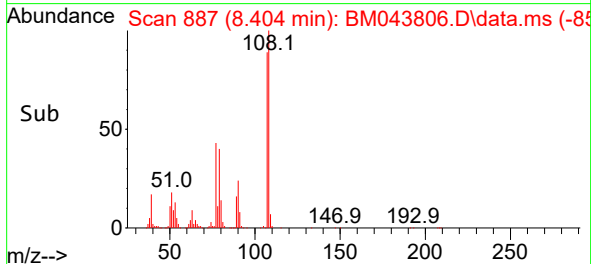
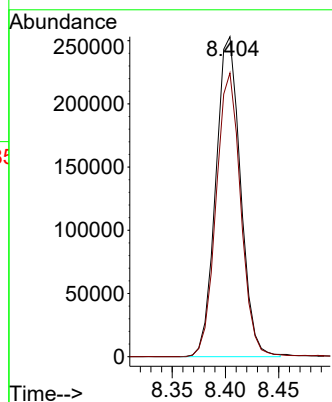
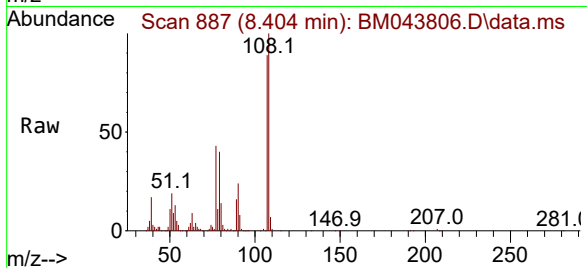
SICV005

Tgt Ion:108 Resp: 408228

Ion Ratio Lower Upper

108 100

107 88.7 71.6 107.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.399 ng/ul

RT: 8.475 min Scan# 899

Delta R.T. 0.000 min

Lab File: BM043806.D

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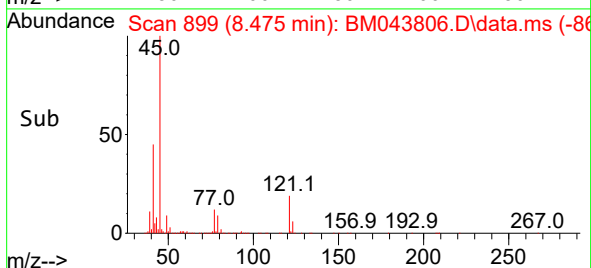
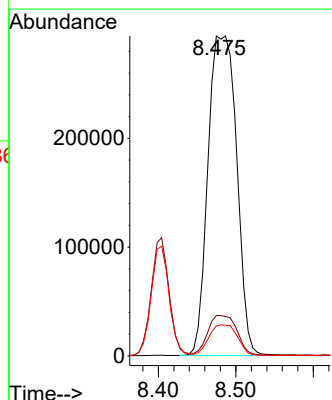
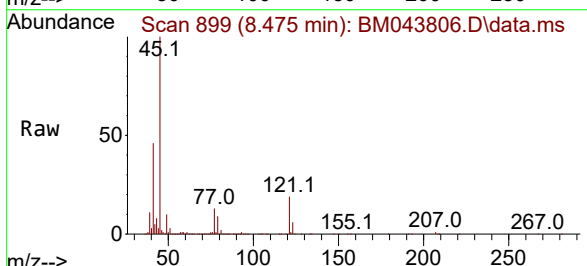
Tgt Ion: 45 Resp: 755712

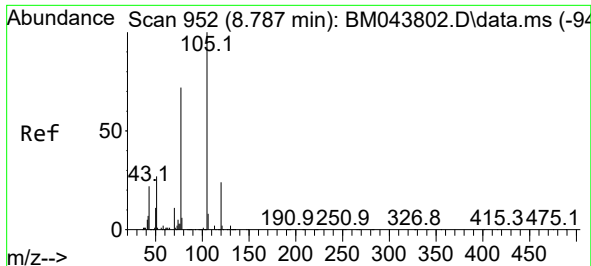
Ion Ratio Lower Upper

45 100

77 12.7 9.9 14.9

79 9.4 7.0 10.6

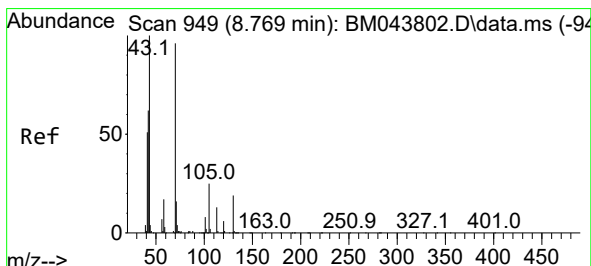
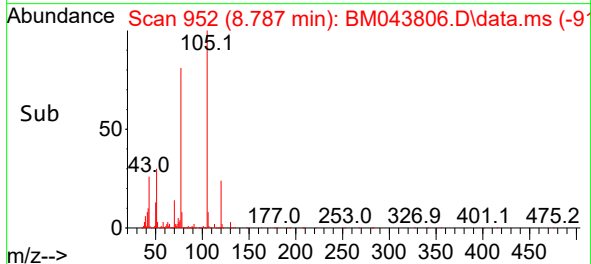
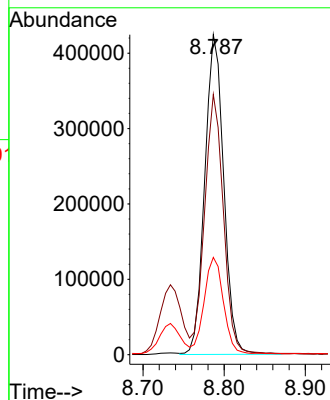
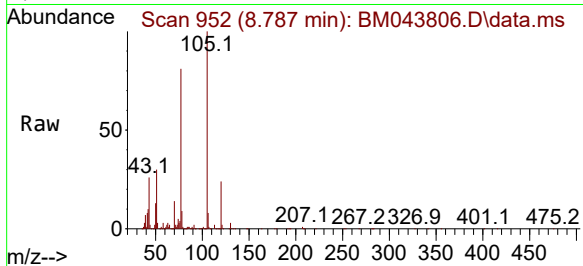




#16
Acetophenone
Concen: 20.502 ng/ul
RT: 8.787 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

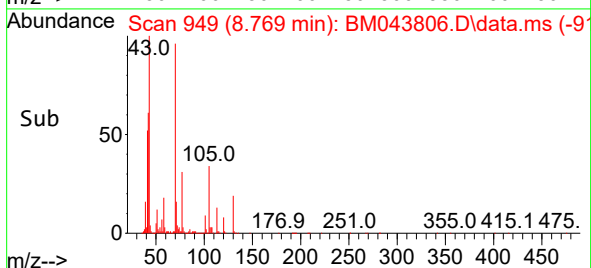
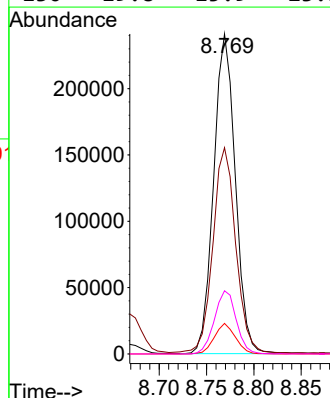
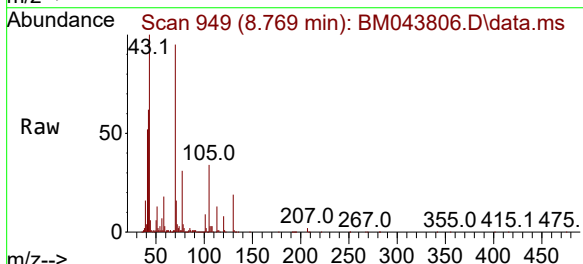
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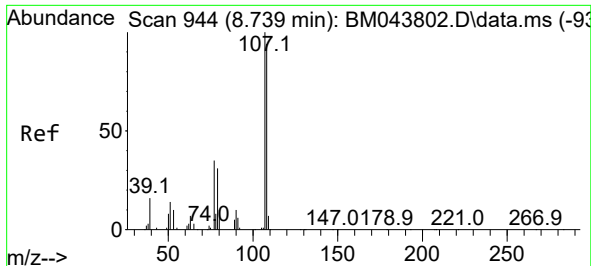
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Ion Ratio Lower Upper
105 100
77 81.3 65.8 98.6
51 30.4 25.3 37.9



#17
N-Nitroso-di-n-propylamine
Concen: 20.680 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion: 70 Resp: 383090
Ion Ratio Lower Upper
70 100
42 64.4 52.3 78.5
101 9.6 7.0 10.4
130 19.8 15.9 23.9

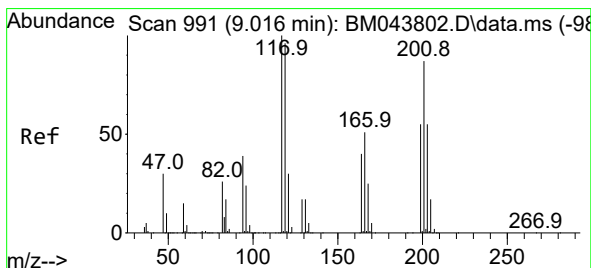
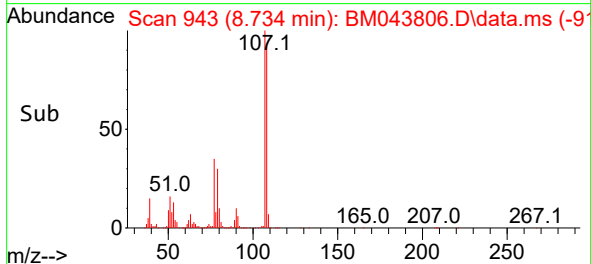
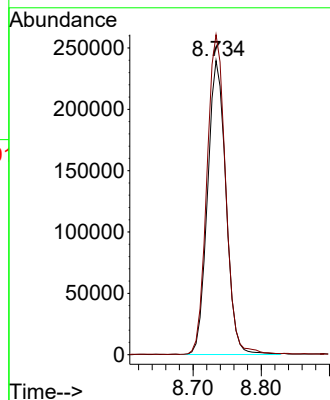
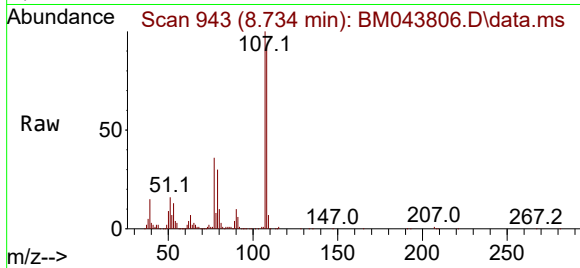




#18
4-Methylphenol
Concen: 19.770 ng/ul
RT: 8.734 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

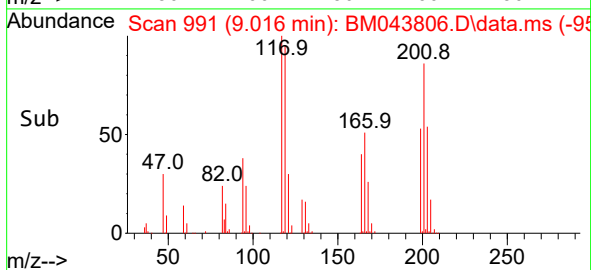
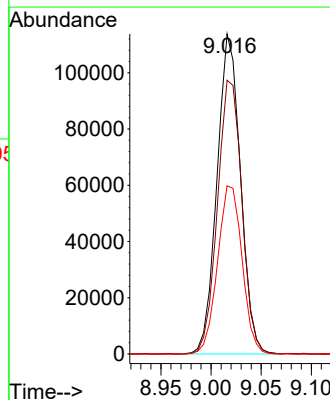
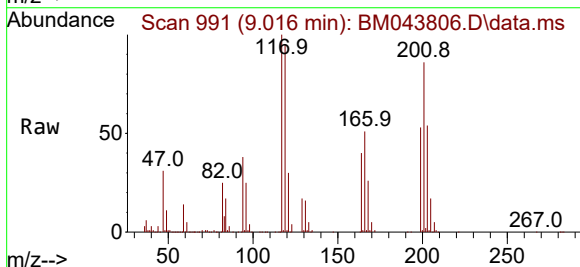
Instrument :
BNA_M
ClientSampleId :
SICV005

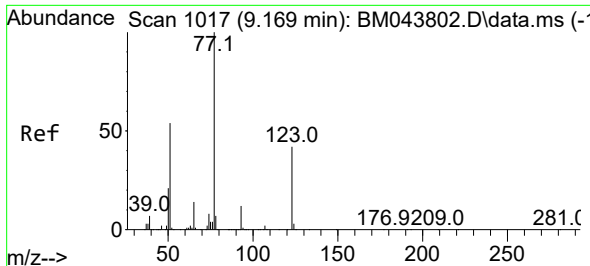
Tgt Ion:108 Resp: 450873
Ion Ratio Lower Upper
108 100
107 108.8 85.3 127.9



#19
Hexachloroethane
Concen: 20.873 ng/ul
RT: 9.016 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:117 Resp: 185325
Ion Ratio Lower Upper
117 100
201 85.6 69.9 104.9
199 52.6 43.7 65.5

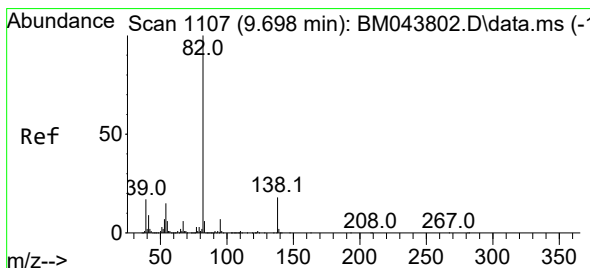
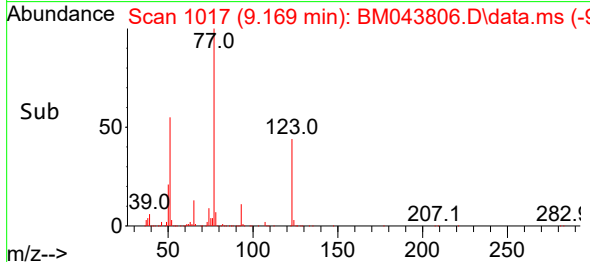
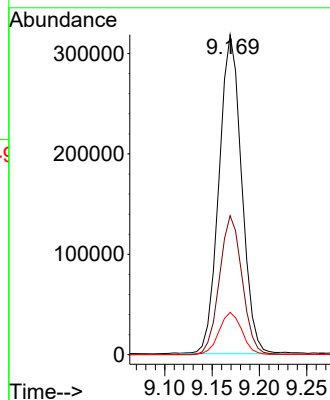
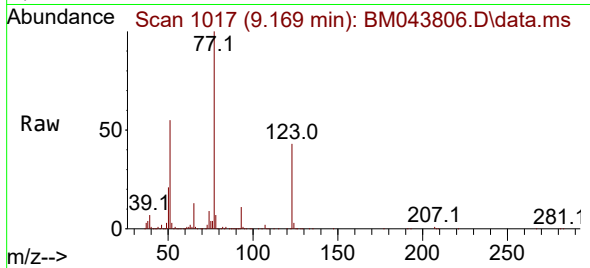




#22
Nitrobenzene
Concen: 21.077 ng/ul
RT: 9.169 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

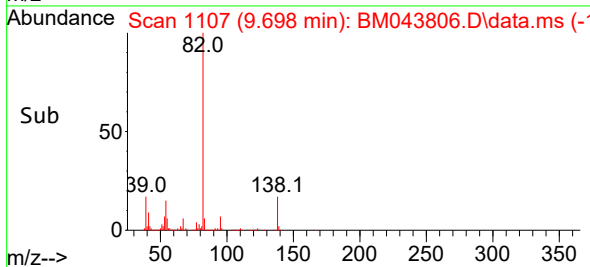
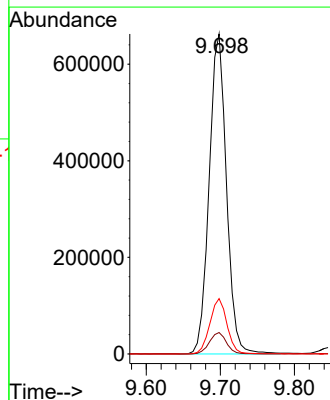
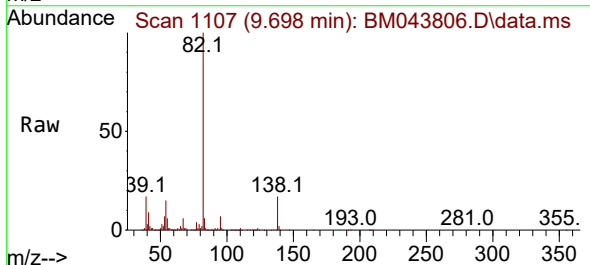
Instrument :
BNA_M
ClientSampleId :
SICV005

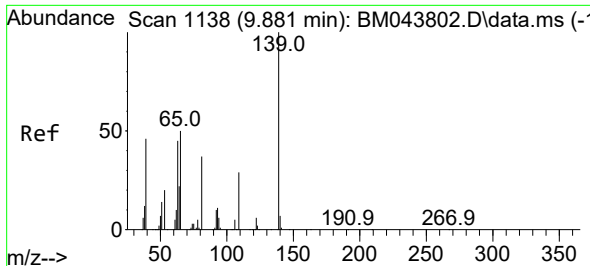
Tgt Ion: 77 Resp: 529872
Ion Ratio Lower Upper
77 100
123 43.5 33.8 50.8
65 13.2 11.1 16.7



#23
Isophorone
Concen: 20.802 ng/ul
RT: 9.698 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion: 82 Resp: 1072689
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 17.3 14.0 21.0

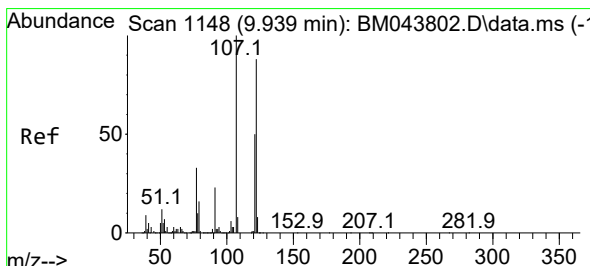
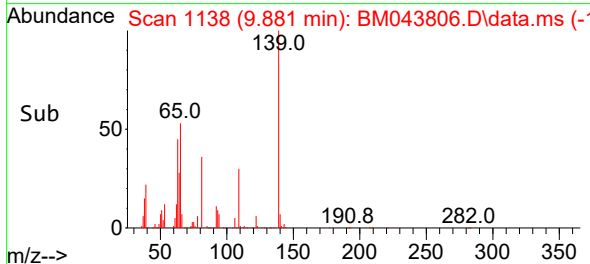
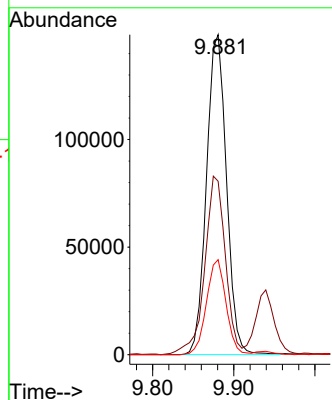
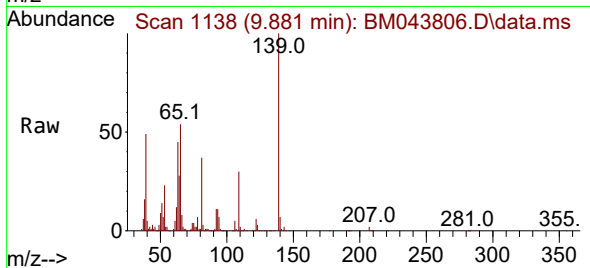




#25
2-Nitrophenol
Concen: 21.201 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

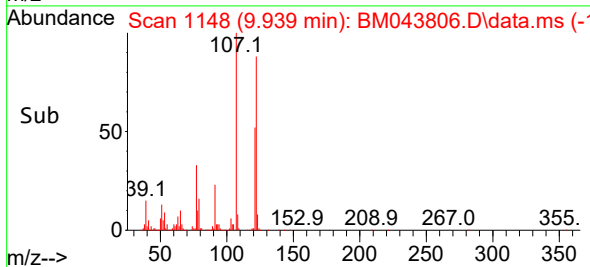
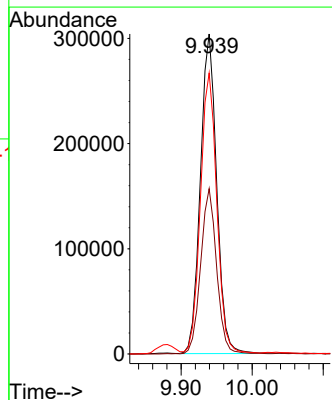
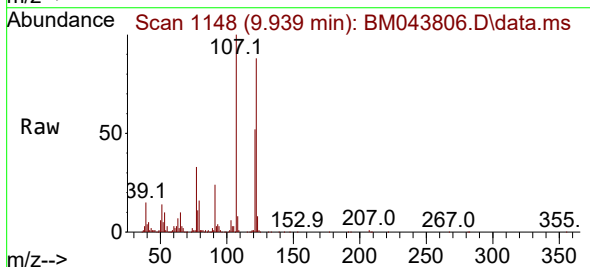
Instrument :
BNA_M
ClientSampleId :
SICV005

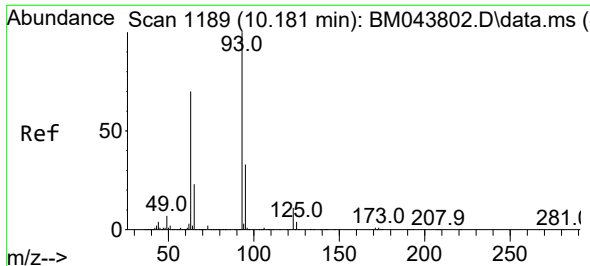
Tgt Ion:139 Resp: 254409
Ion Ratio Lower Upper
139 100
65 54.2 41.8 62.8
109 29.7 23.1 34.7



#26
2,4-Dimethylphenol
Concen: 20.903 ng/ul
RT: 9.939 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:107 Resp: 486543
Ion Ratio Lower Upper
107 100
121 51.6 40.2 60.4
122 87.8 70.8 106.2





#27

Bis(2-Chloroethoxy)methane

Concen: 20.765 ng/ul

RT: 10.181 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

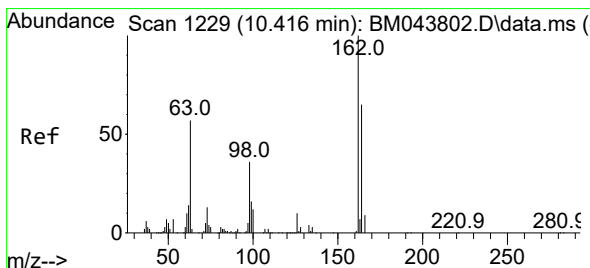
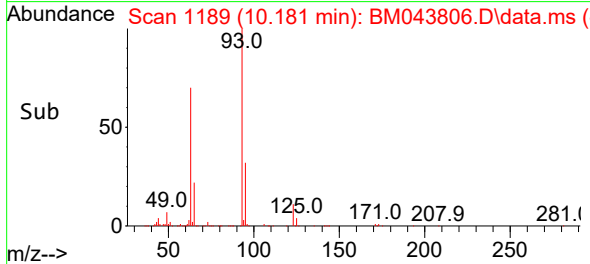
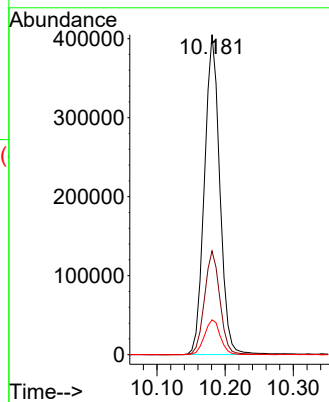
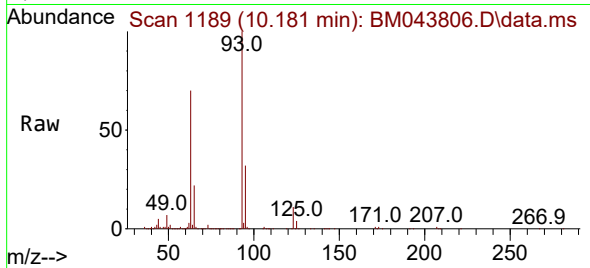
Tgt Ion: 93 Resp: 635088

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 10.9 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 20.904 ng/ul

RT: 10.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

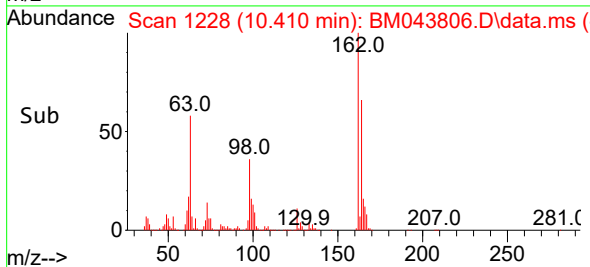
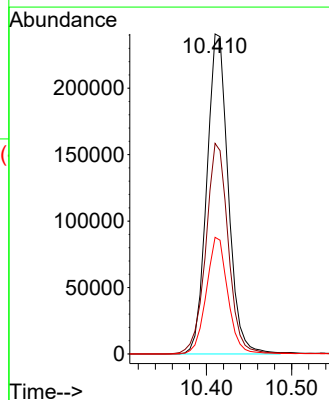
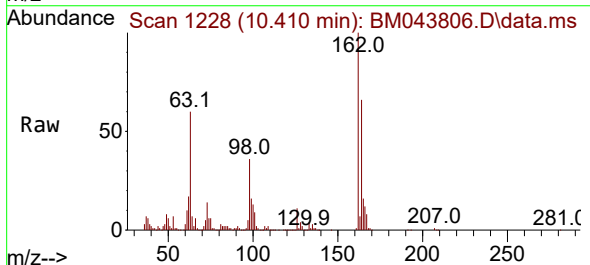
Tgt Ion:162 Resp: 421358

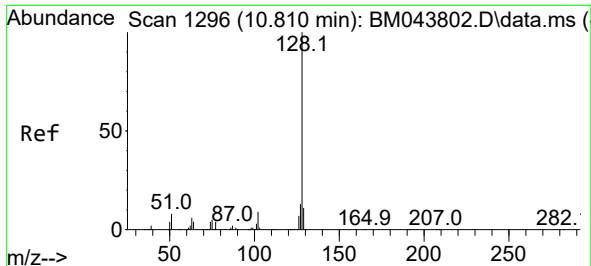
Ion Ratio Lower Upper

162 100

164 65.8 52.3 78.5

98 36.4 28.5 42.7

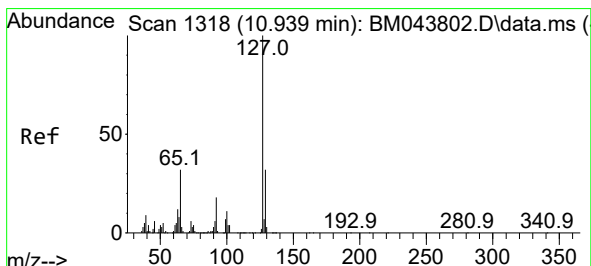
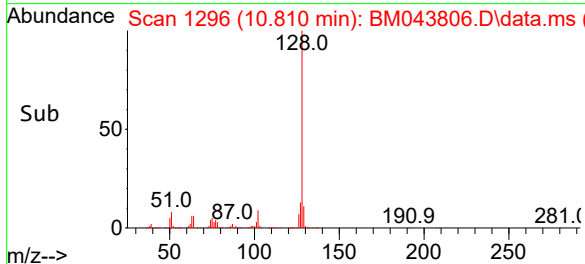
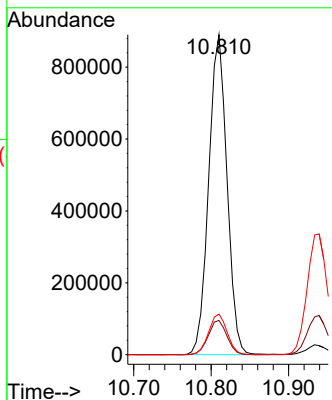
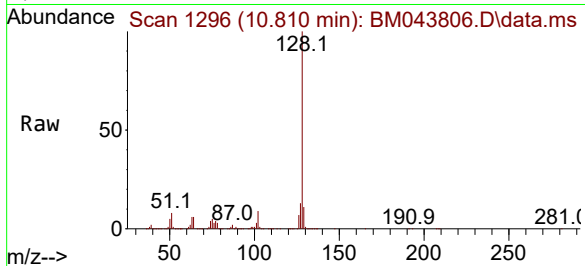




#30
Naphthalene
Concen: 20.856 ng/ul
RT: 10.810 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

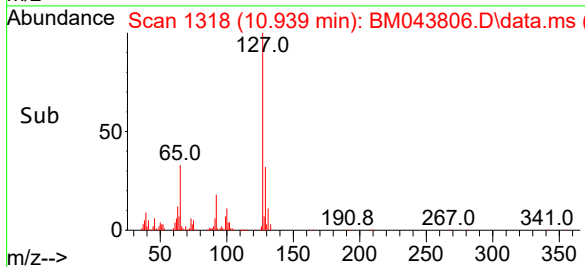
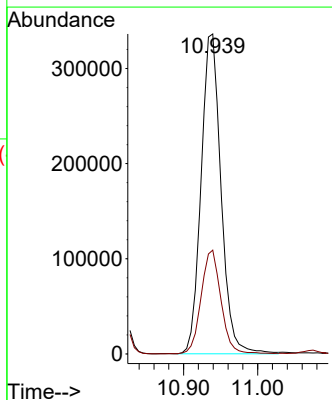
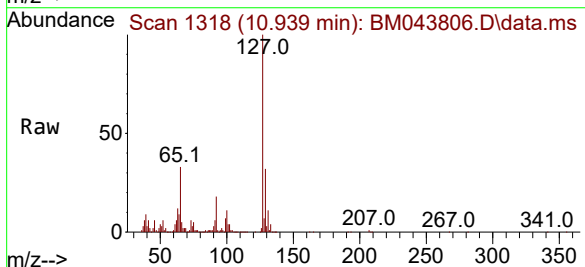
Instrument :
BNA_M
ClientSampleId :
SICV005

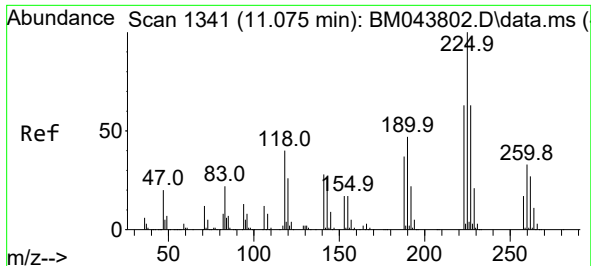
Tgt Ion:128 Resp: 1459896
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.2 15.4



#32
4-Chloroaniline
Concen: 20.072 ng/ul
RT: 10.939 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:127 Resp: 628114
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.6

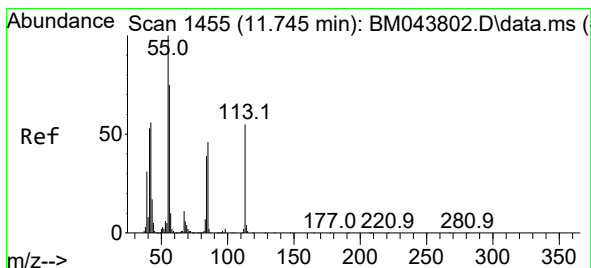
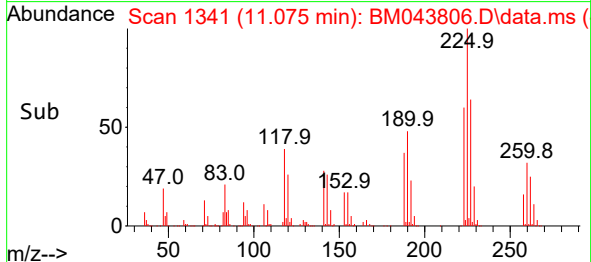
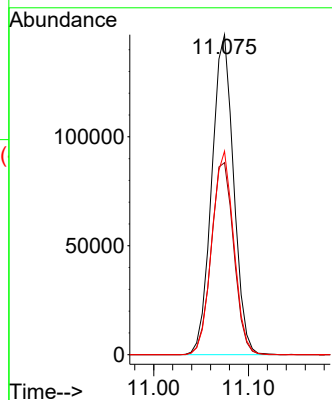
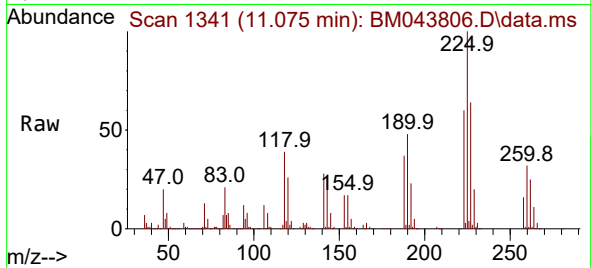




#33
Hexachlorobutadiene
Concen: 20.854 ng/ul
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

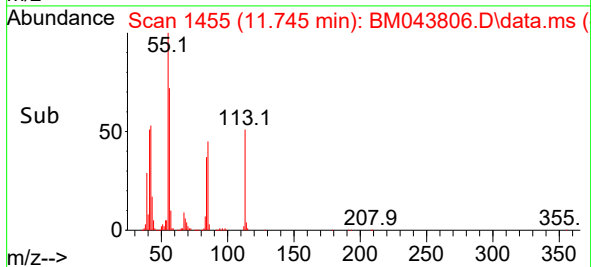
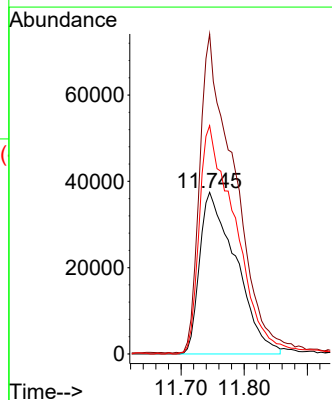
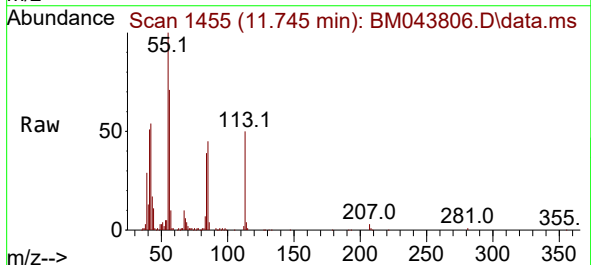
Instrument :
BNA_M
ClientSampleId :
SICV005

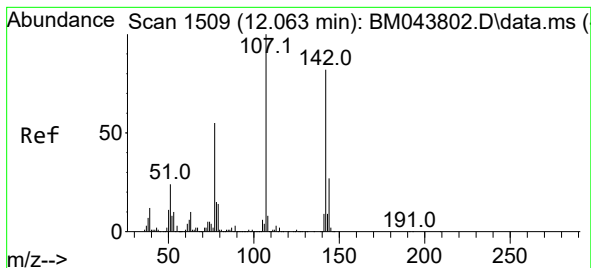
Tgt Ion:225 Resp: 235211
Ion Ratio Lower Upper
225 100
223 60.0 50.6 75.8
227 63.6 50.8 76.2



#34
Caprolactam
Concen: 20.572 ng/ul
RT: 11.745 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:113 Resp: 149304
Ion Ratio Lower Upper
113 100
55 198.1 147.3 220.9
56 141.4 109.9 164.9

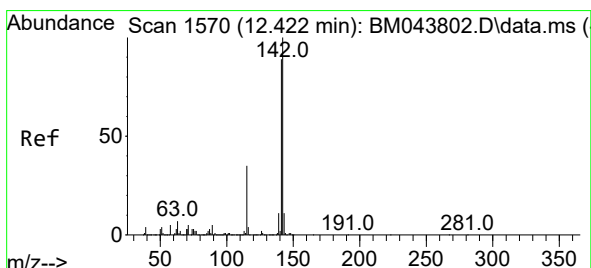
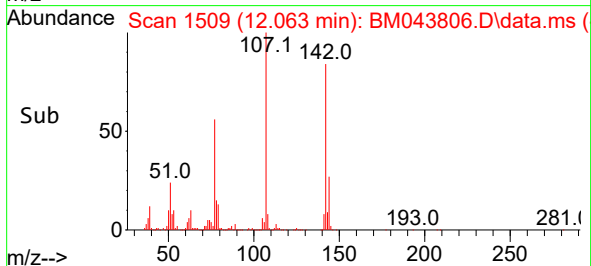
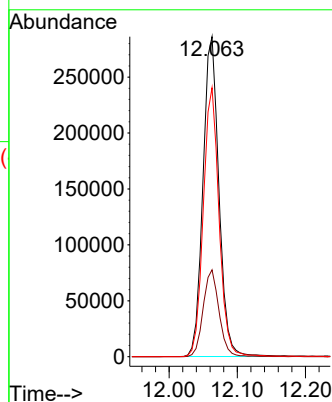
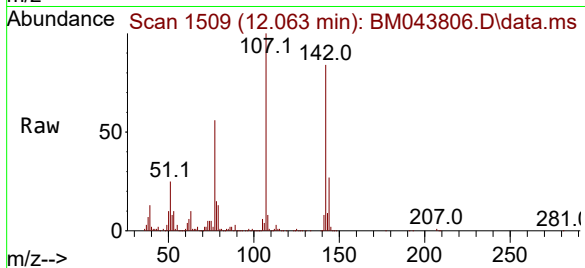




#35
4-Chloro-3-methylphenol
Concen: 20.850 ng/ul
RT: 12.063 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

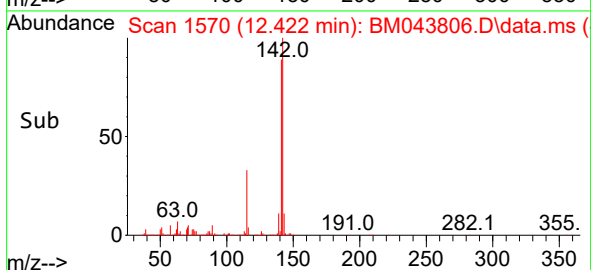
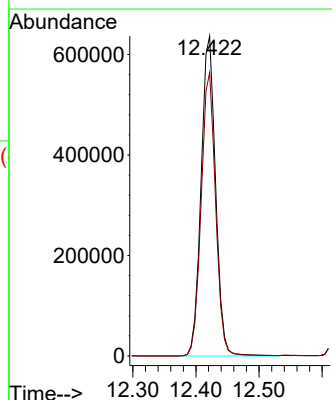
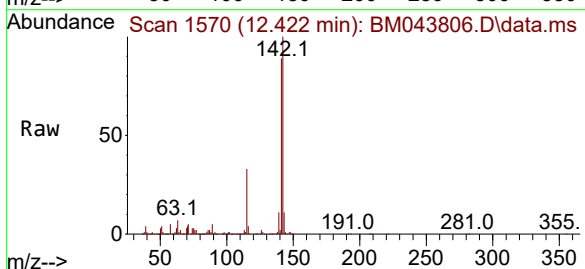
Instrument :
BNA_M
ClientSampleId :
SICV005

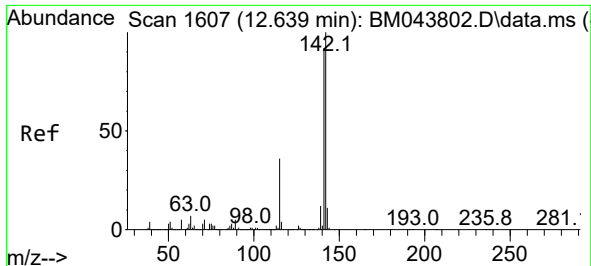
Tgt Ion:107 Resp: 465683
Ion Ratio Lower Upper
107 100
144 27.2 21.8 32.6
142 84.1 65.9 98.9



#36
2-Methylnaphthalene
Concen: 20.777 ng/ul
RT: 12.422 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:142 Resp: 1013849
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0





#37

1-Methylnaphthalene

Concen: 20.747 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

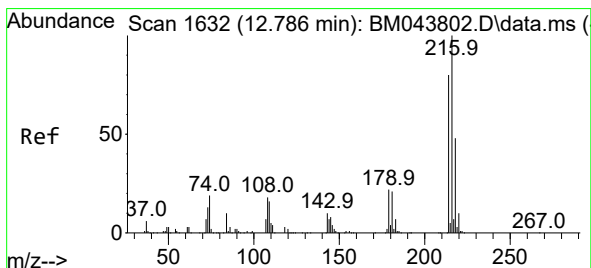
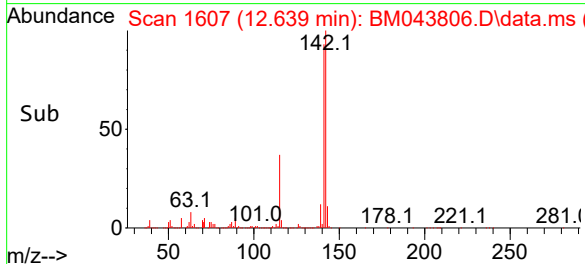
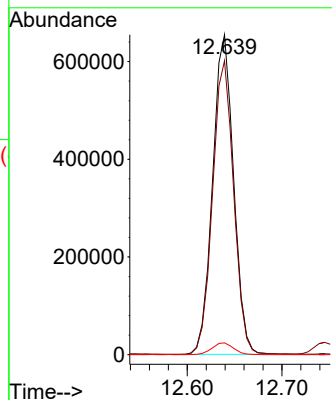
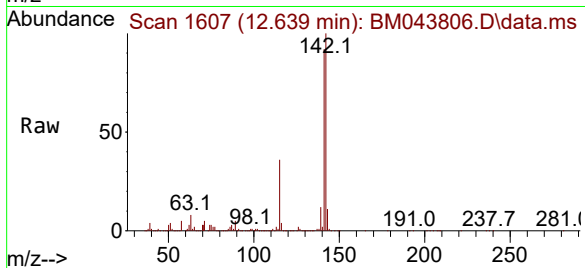
Tgt Ion:142 Resp: 1009438

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.693 ng/ul

RT: 12.780 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Tgt Ion:216 Resp: 471093

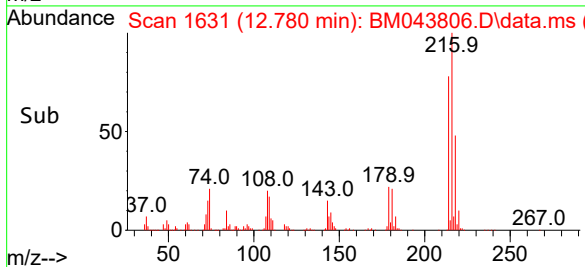
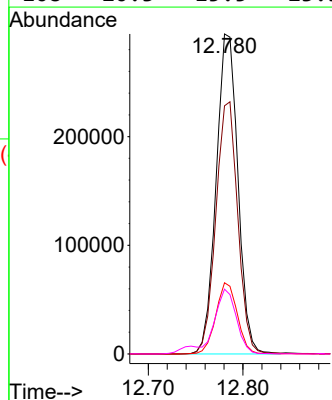
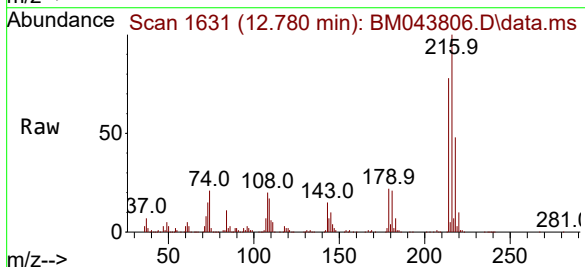
Ion Ratio Lower Upper

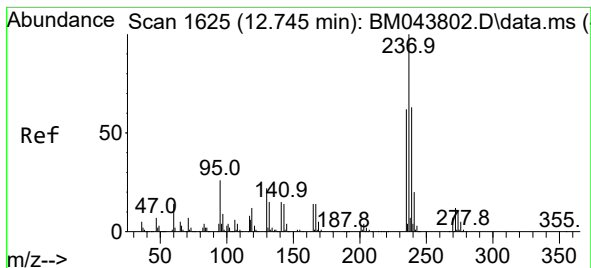
216 100

214 77.5 64.3 96.5

179 22.2 17.8 26.8

108 20.3 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 17.162 ng/ul

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

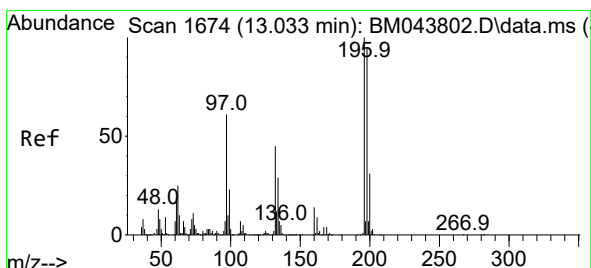
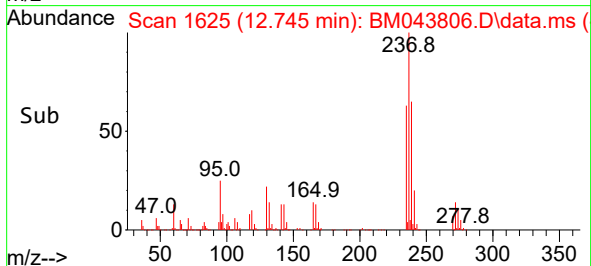
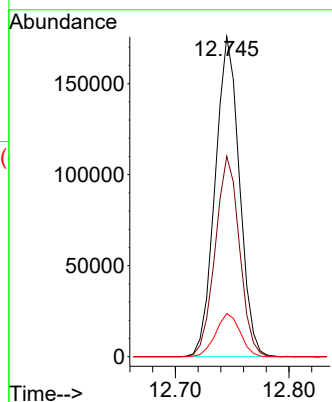
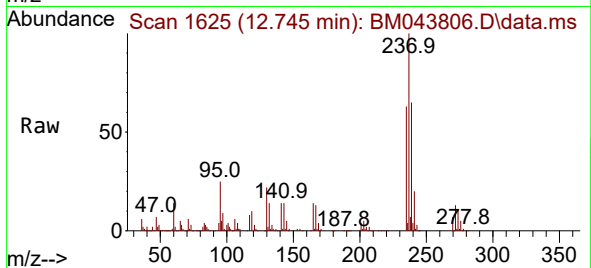
Tgt Ion:237 Resp: 261307

Ion Ratio Lower Upper

237 100

235 62.6 49.8 74.8

272 13.5 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 20.617 ng/ul

RT: 13.033 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

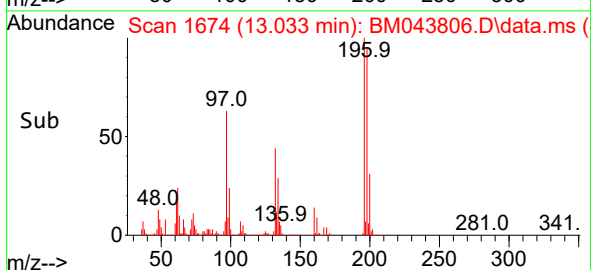
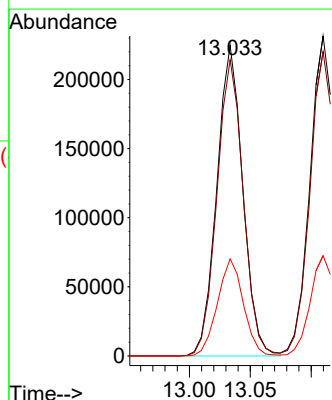
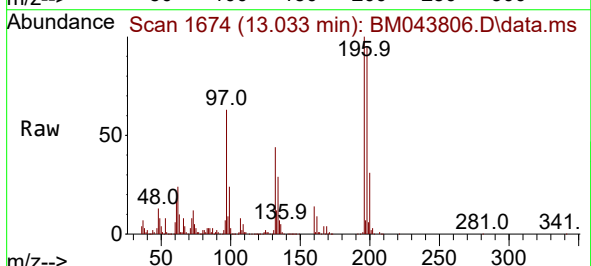
Tgt Ion:196 Resp: 333258

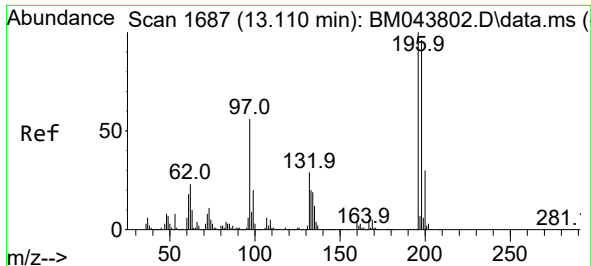
Ion Ratio Lower Upper

196 100

198 95.4 76.3 114.5

200 31.3 24.6 36.8

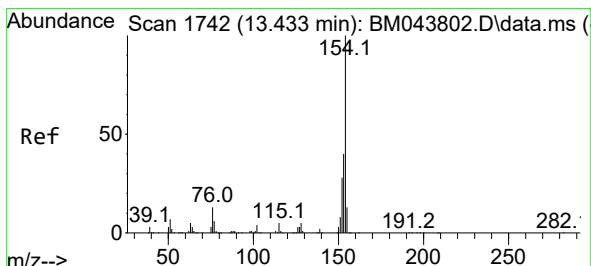
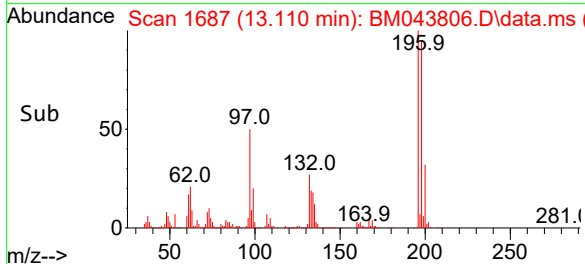
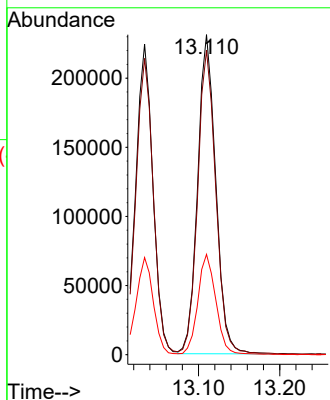
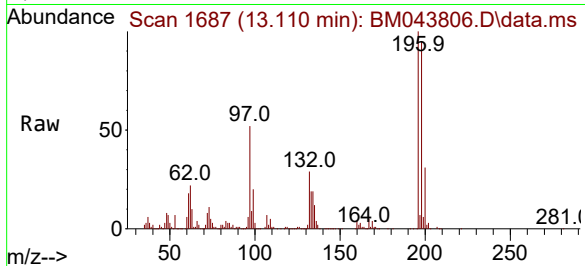




#42
2,4,5-Trichlorophenol
Concen: 20.847 ng/ul
RT: 13.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

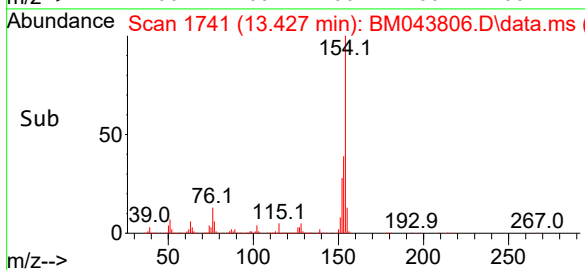
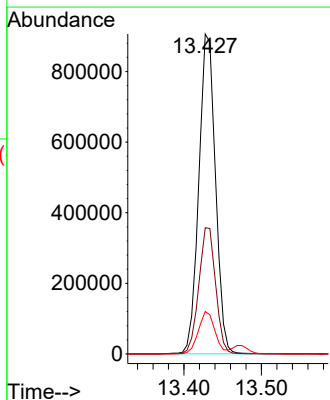
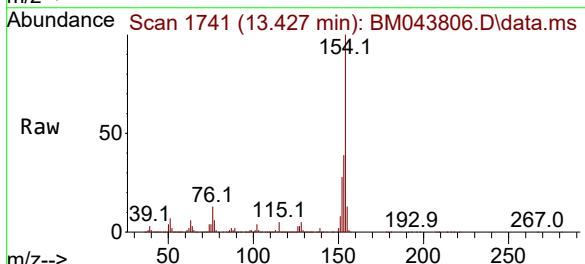
Instrument :
BNA_M
ClientSampleId :
SICV005

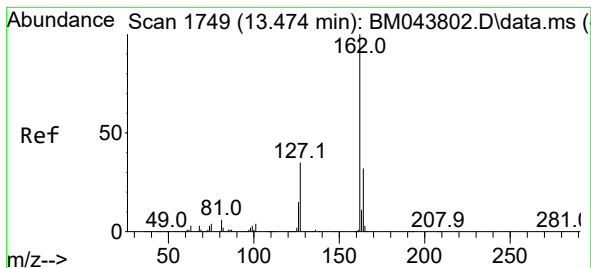
Tgt Ion:196 Resp: 357803
Ion Ratio Lower Upper
196 100
198 95.1 76.6 114.8
200 31.3 24.4 36.6



#43
1,1'-Biphenyl
Concen: 20.635 ng/ul
RT: 13.427 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:154 Resp: 1348772
Ion Ratio Lower Upper
154 100
153 39.4 31.9 47.9
76 13.2 10.4 15.6





#44

2-Chloronaphthalene

Concen: 20.970 ng/ul

RT: 13.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

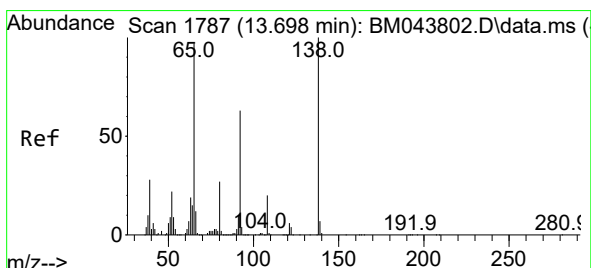
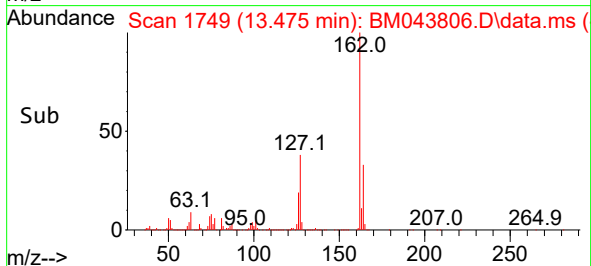
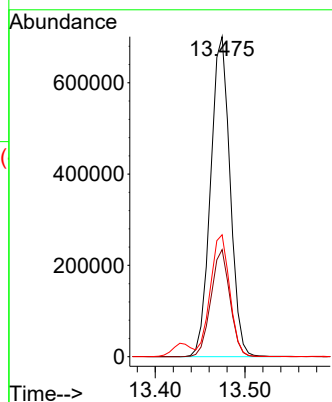
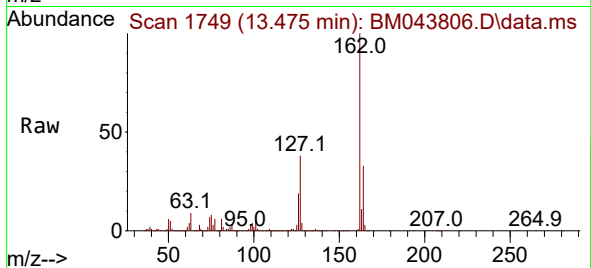
Tgt Ion:162 Resp: 1056165

Ion Ratio Lower Upper

162 100

164 33.5 25.9 38.9

127 38.1 30.7 46.1



#45

2-Nitroaniline

Concen: 21.220 ng/ul

RT: 13.698 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

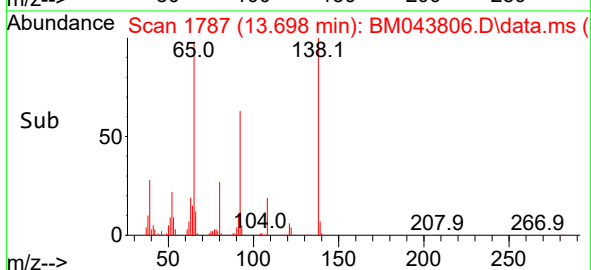
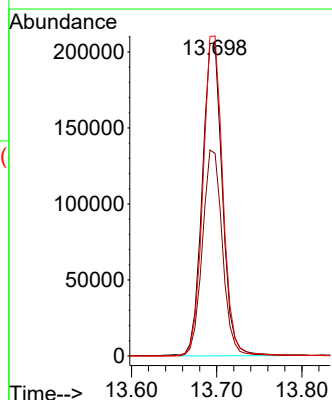
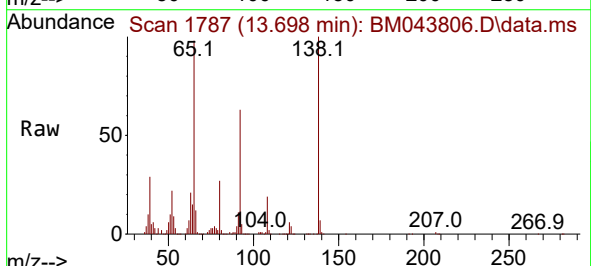
Tgt Ion: 65 Resp: 337316

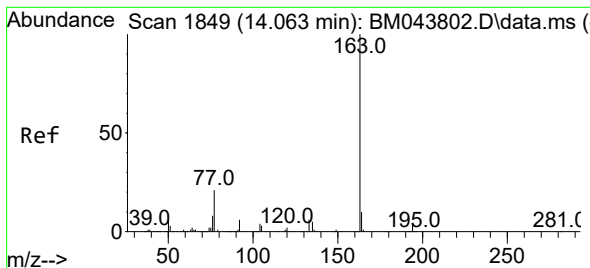
Ion Ratio Lower Upper

65 100

92 64.7 52.3 78.5

138 102.2 82.6 123.8





#47

Dimethylphthalate

Concen: 20.809 ng/ul

RT: 14.063 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

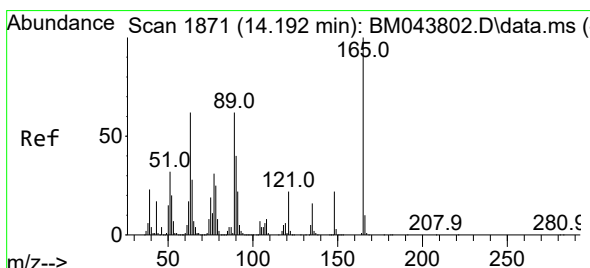
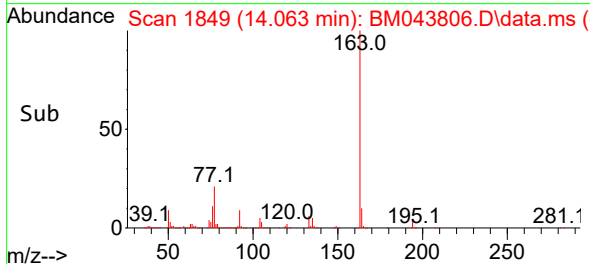
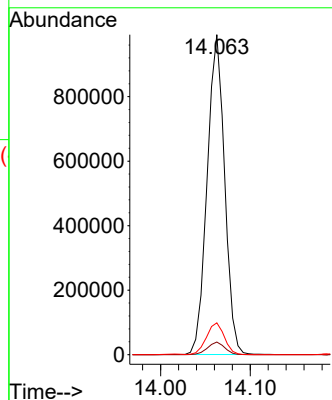
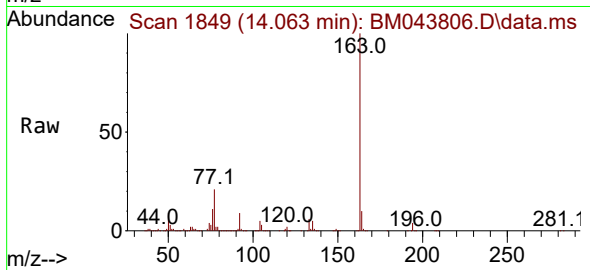
Tgt Ion:163 Resp: 1341224

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.9 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 21.021 ng/ul

RT: 14.192 min Scan# 1871

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

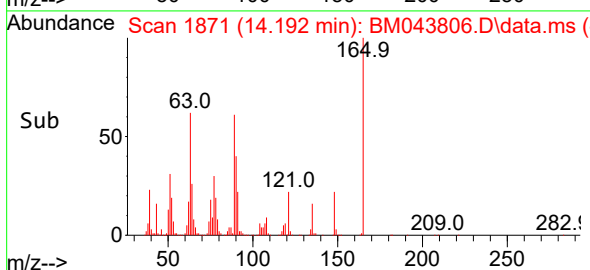
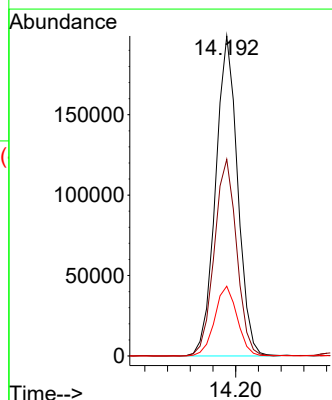
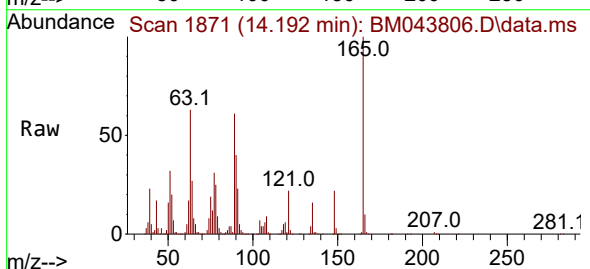
Tgt Ion:165 Resp: 268524

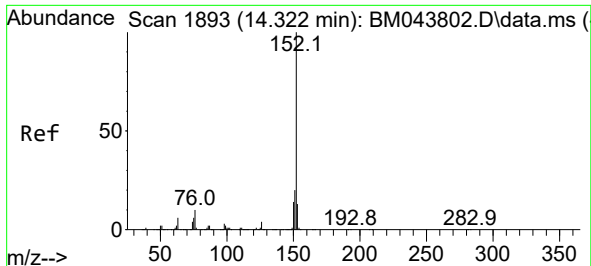
Ion Ratio Lower Upper

165 100

89 61.5 49.5 74.3

121 21.8 17.8 26.6

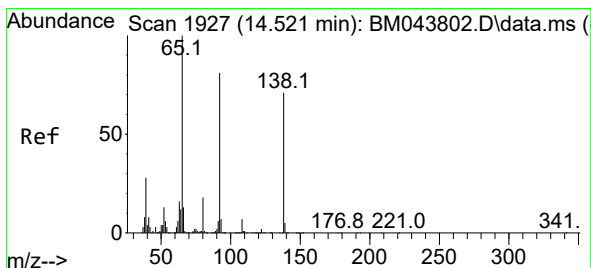
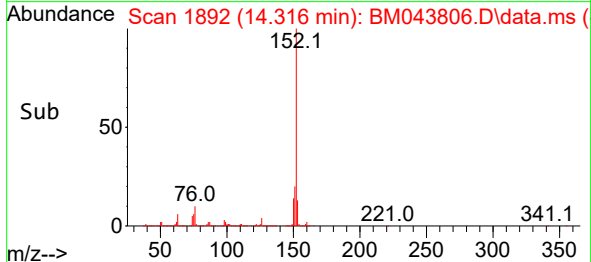
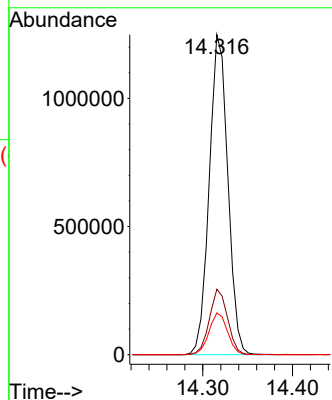
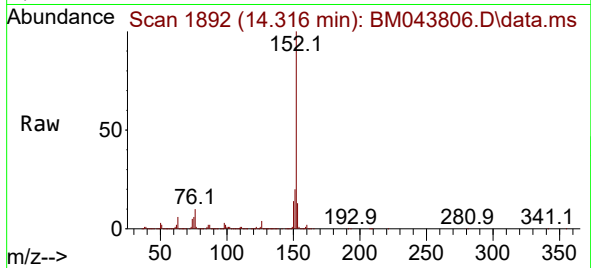




#50
Acenaphthylene
Concen: 21.084 ng/ul
RT: 14.316 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

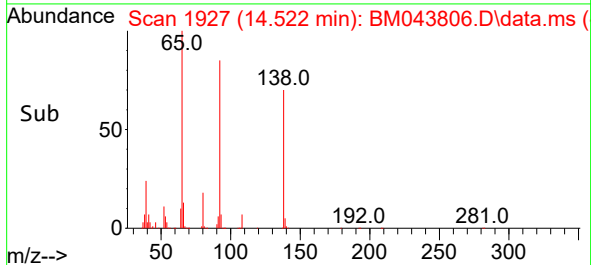
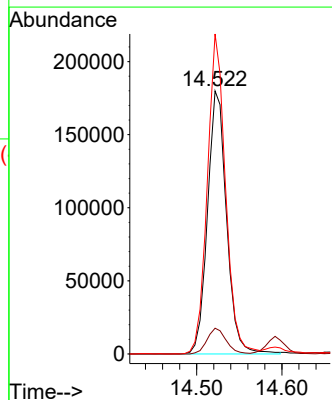
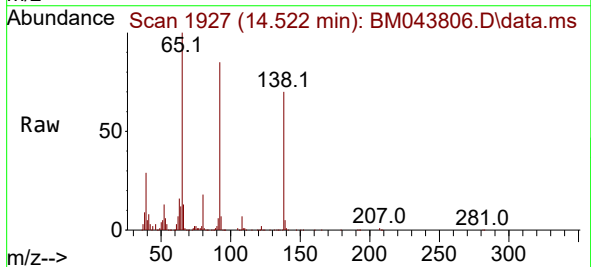
Instrument :
BNA_M
ClientSampleId :
SICV005

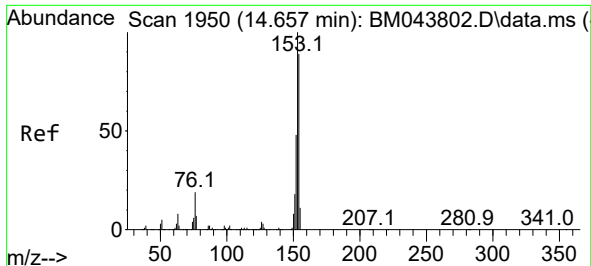
Tgt Ion:152 Resp: 1798307
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.0 10.5 15.7



#51
3-Nitroaniline
Concen: 20.677 ng/ul
RT: 14.522 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:138 Resp: 279294
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 121.7 92.2 138.2

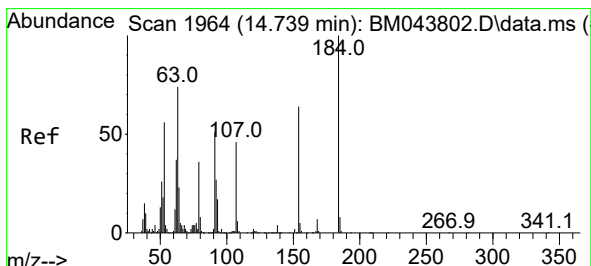
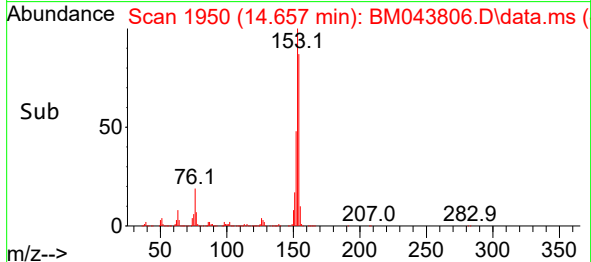
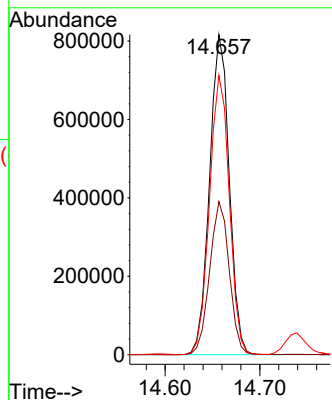
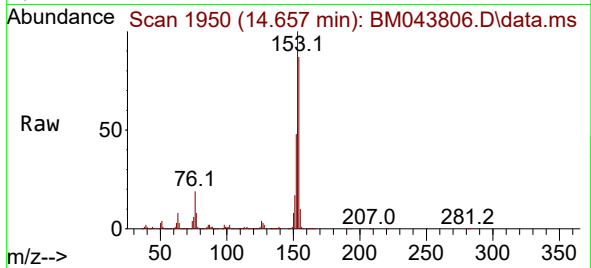




#52
Acenaphthene
Concen: 20.890 ng/ul
RT: 14.657 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

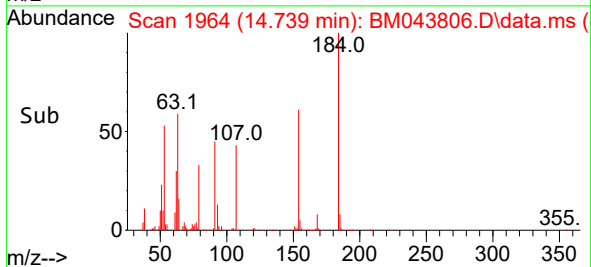
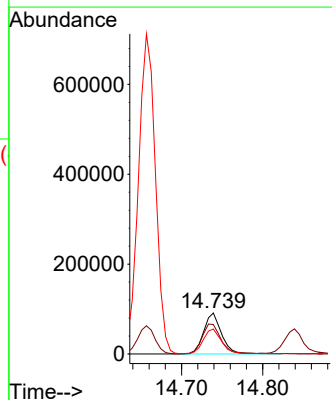
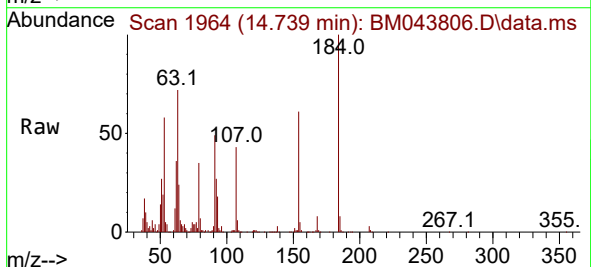
Instrument :
BNA_M
ClientSampleId :
SICV005

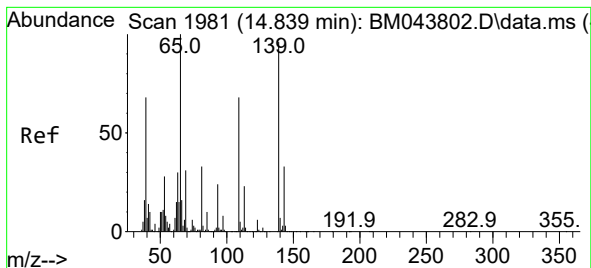
Tgt Ion:153 Resp: 1181536
Ion Ratio Lower Upper
153 100
152 47.9 38.5 57.7
154 87.2 71.2 106.8



#53
2,4-Dinitrophenol
Concen: 17.556 ng/ul
RT: 14.739 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:184 Resp: 139356
Ion Ratio Lower Upper
184 100
63 72.0 60.0 90.0
154 61.1 51.7 77.5

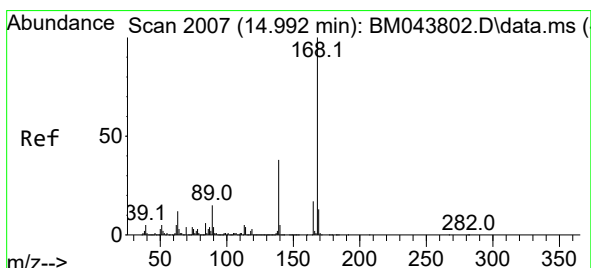
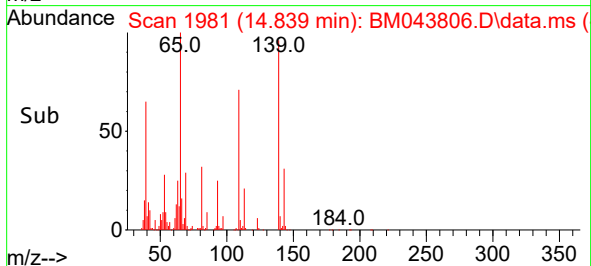
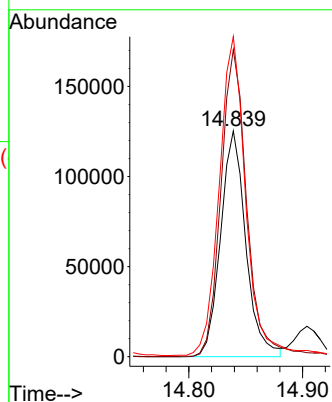
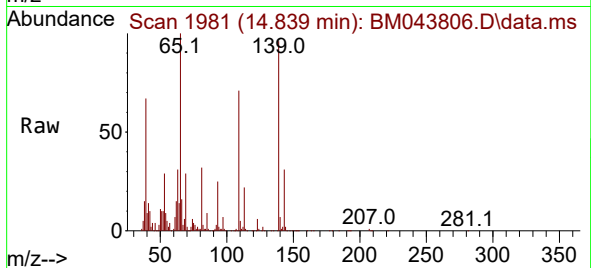




#55
4-Nitrophenol
Concen: 20.175 ng/ul
RT: 14.839 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

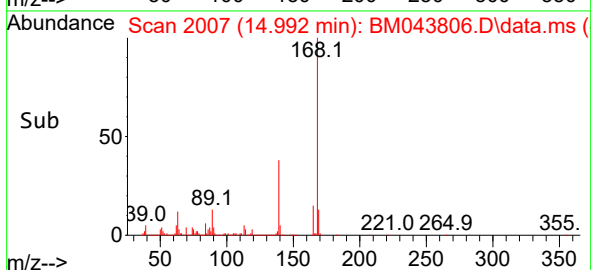
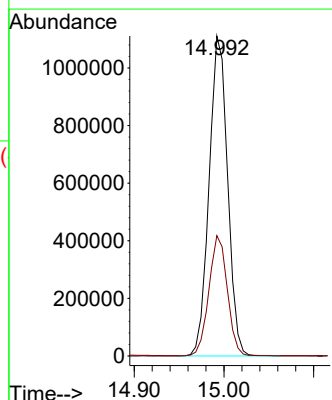
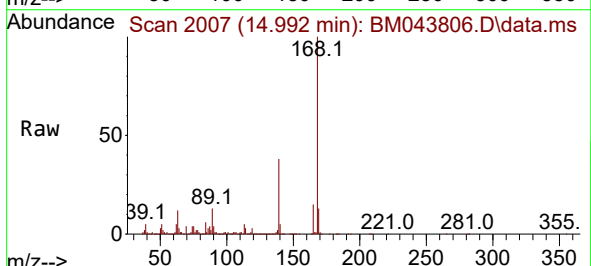
Instrument :
BNA_M
ClientSampleId :
SICV005

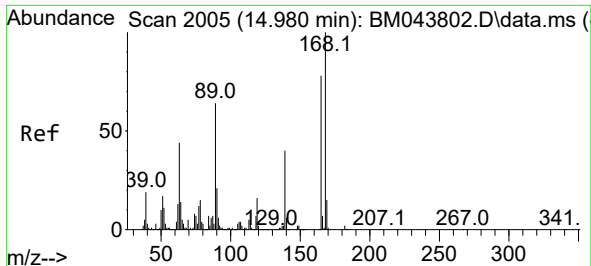
Tgt Ion:109 Resp: 193044
Ion Ratio Lower Upper
109 100
139 136.0 112.6 168.8
65 141.7 118.5 177.7



#56
Dibenzofuran
Concen: 20.935 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:168 Resp: 1590888
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.2

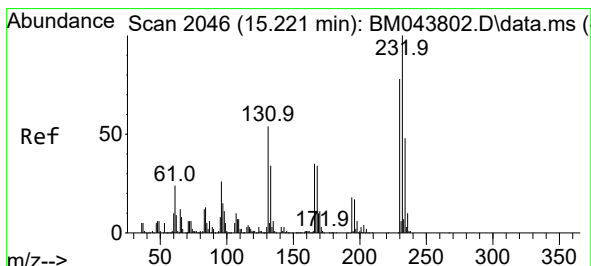
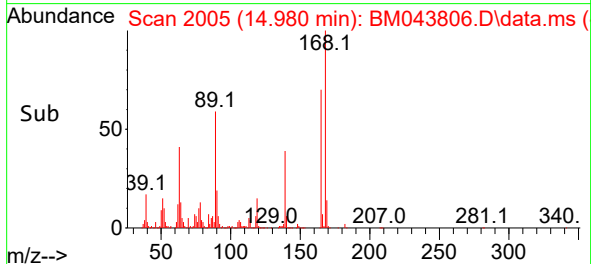
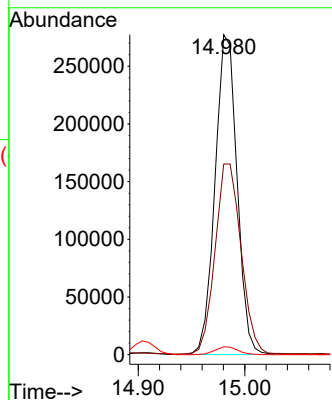
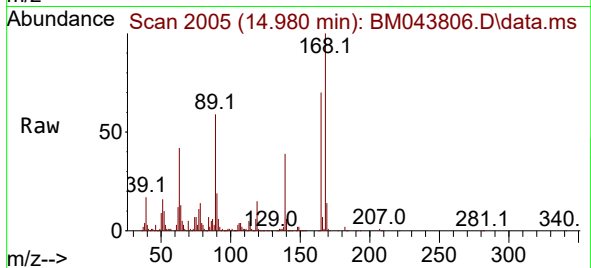




#57
2,4-Dinitrotoluene
Concen: 21.086 ng/ul
RT: 14.980 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

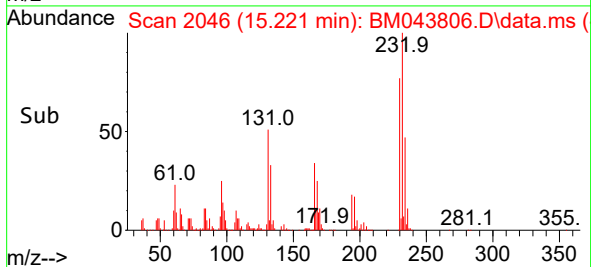
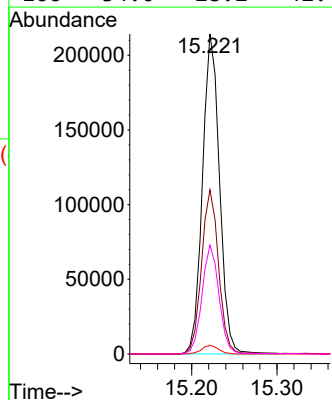
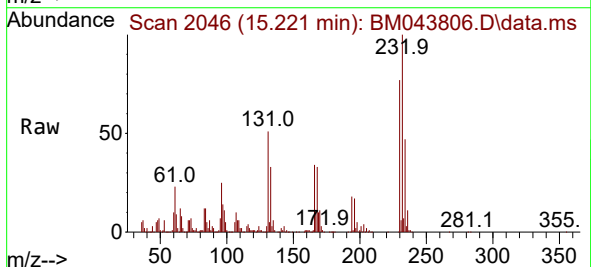
Instrument :
BNA_M
ClientSampleId :
SICV005

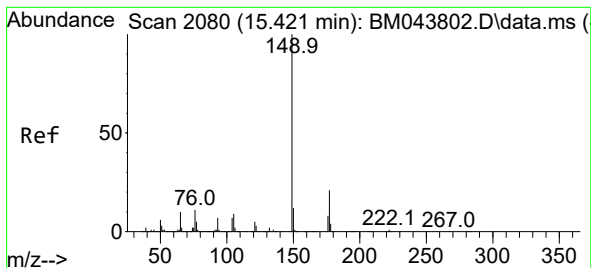
Tgt Ion:165 Resp: 396789
Ion Ratio Lower Upper
165 100
63 59.5 45.7 68.5
182 2.5 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.840 ng/ul
RT: 15.221 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:232 Resp: 298024
Ion Ratio Lower Upper
232 100
131 51.3 43.3 64.9
130 2.7 2.2 3.2
166 34.0 28.2 42.4





#59

Diethylphthalate

Concen: 20.249 ng/ul

RT: 15.421 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

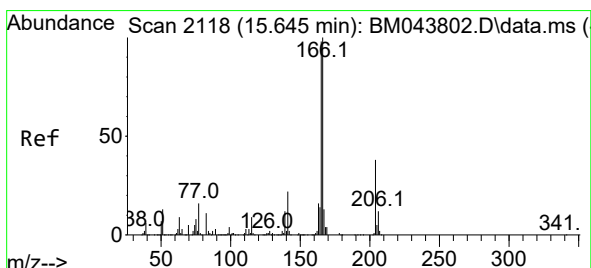
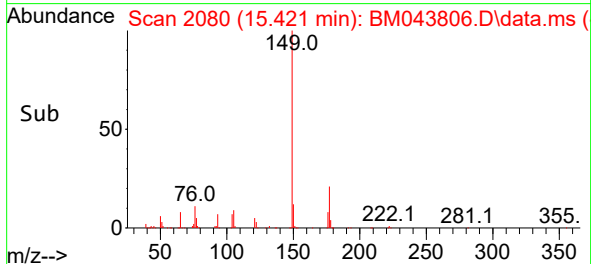
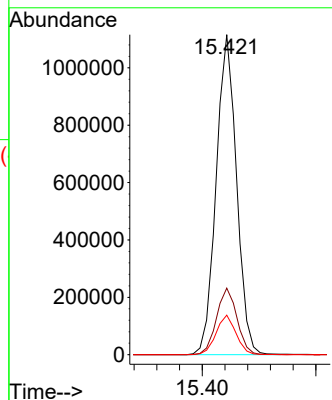
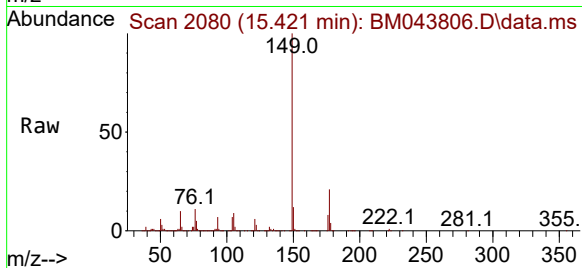
Tgt Ion:149 Resp: 1391330

Ion Ratio Lower Upper

149 100

177 20.8 17.1 25.7

150 12.3 9.7 14.5



#61

Fluorene

Concen: 21.001 ng/ul

RT: 15.645 min Scan# 2118

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

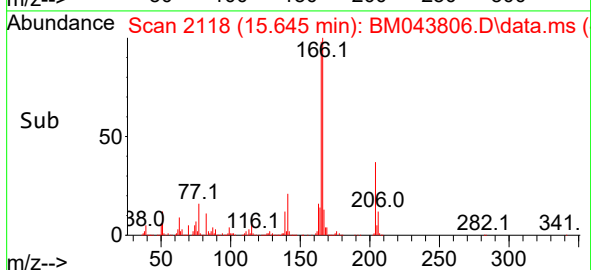
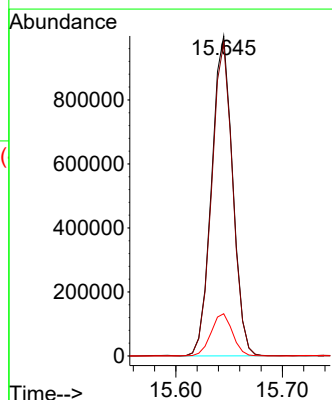
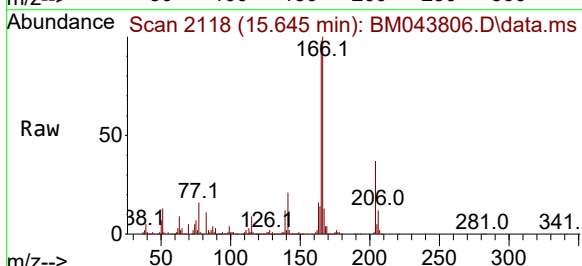
Tgt Ion:166 Resp: 1368096

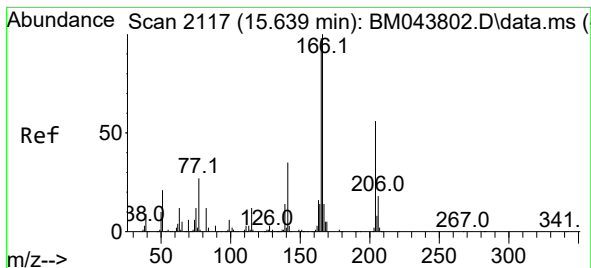
Ion Ratio Lower Upper

166 100

165 97.8 78.0 117.0

167 13.2 10.6 16.0

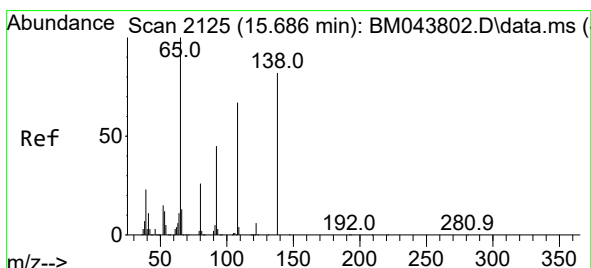
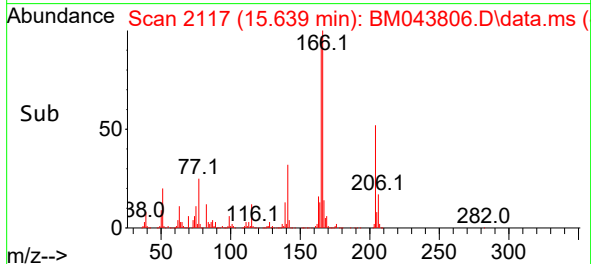
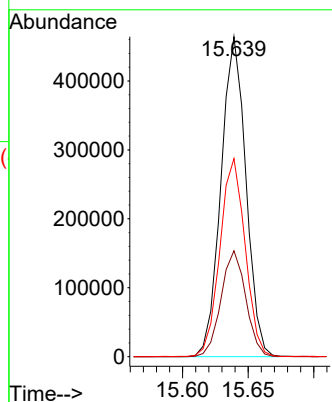
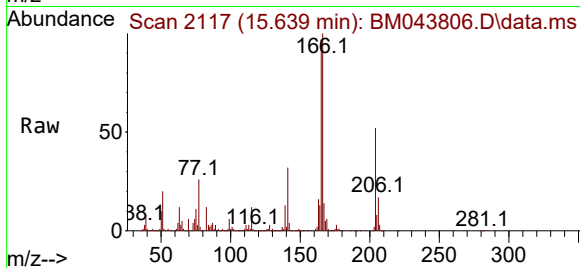




#62
4-Chlorophenyl-phenylether
Concen: 20.103 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

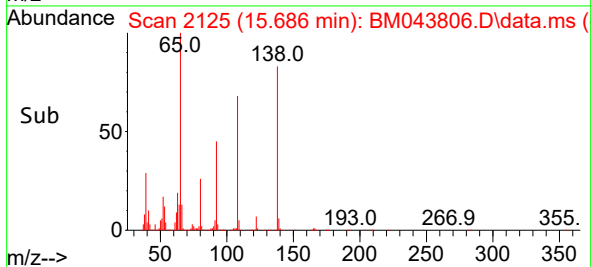
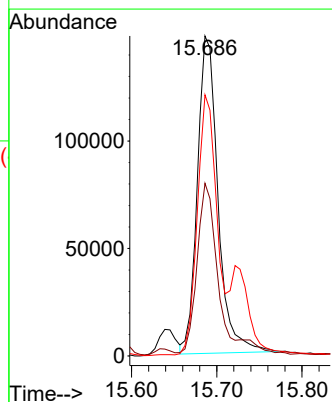
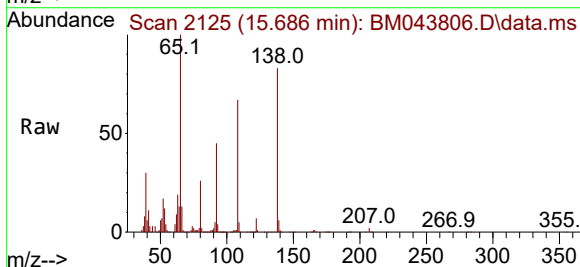
Instrument :
BNA_M
ClientSampleId :
SICV005

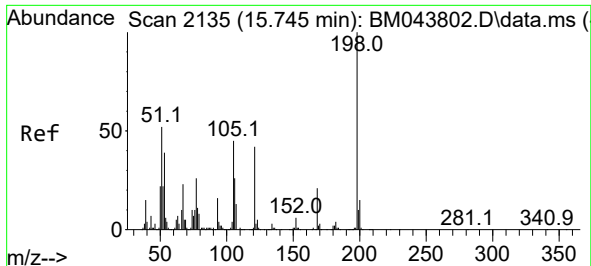
Tgt Ion:204 Resp: 613047
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 61.9 50.3 75.5



#63
4-Nitroaniline
Concen: 22.884 ng/ul
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:138 Resp: 248332
Ion Ratio Lower Upper
138 100
92 54.0 43.3 64.9
108 81.6 63.8 95.8

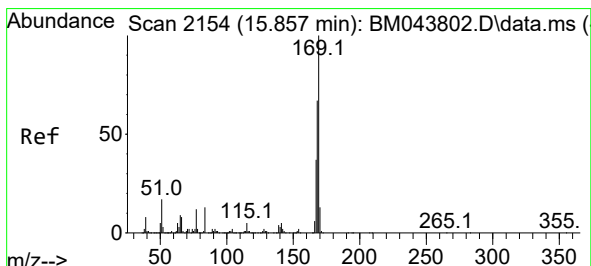
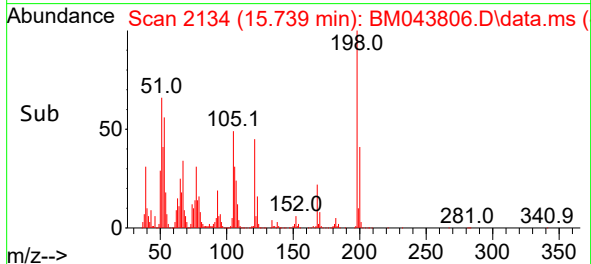
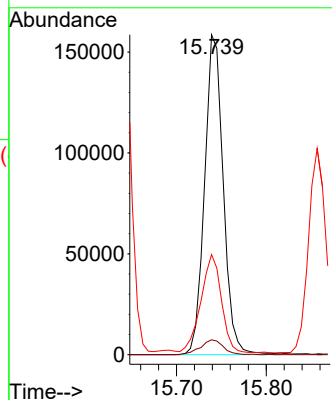
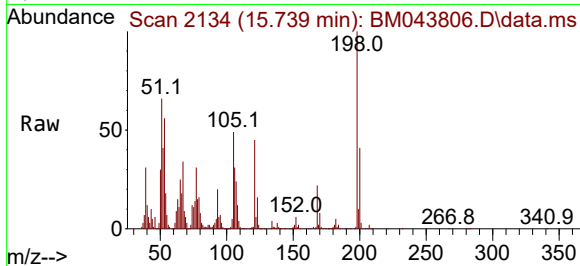




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.633 ng/ul
 RT: 15.739 min Scan# 2134
 Delta R.T. -0.006 min
 Lab File: BM043806.D
 Acq: 09 Jan 2024 18:27

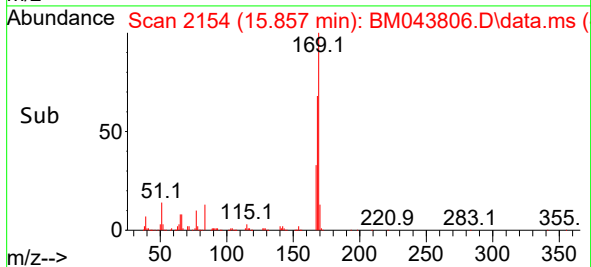
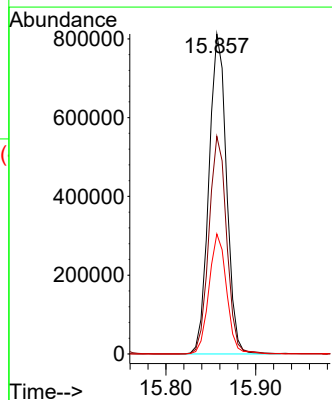
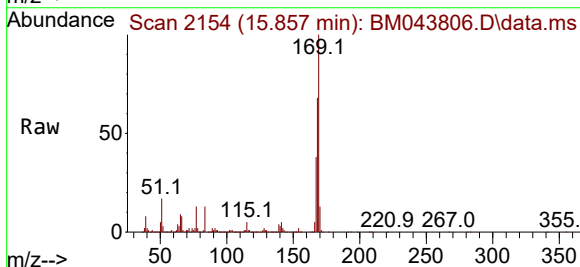
Instrument :
 BNA_M
 ClientSampleId :
 SICV005

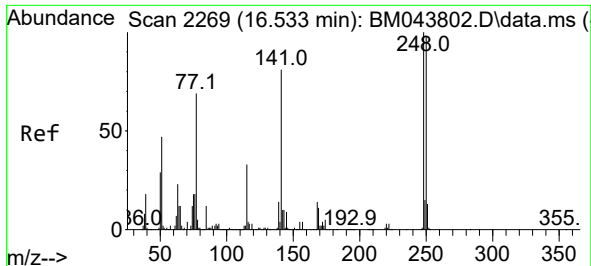
Tgt Ion:198 Resp: 229494
 Ion Ratio Lower Upper
 198 100
 182 4.6 3.4 5.2
 77 31.3 21.4 32.2



#67
 N-Nitrosodiphenylamine
 Concen: 20.766 ng/ul
 RT: 15.857 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: BM043806.D
 Acq: 09 Jan 2024 18:27

Tgt Ion:169 Resp: 1107524
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.9 80.9
 167 37.5 29.8 44.6

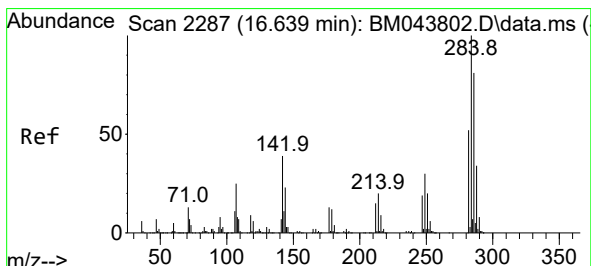
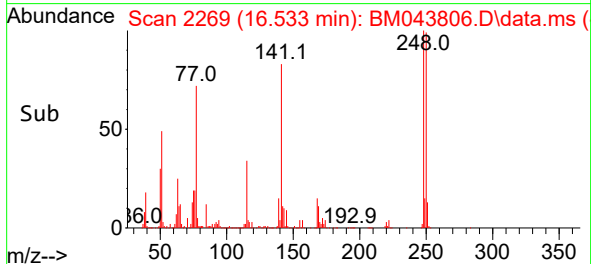
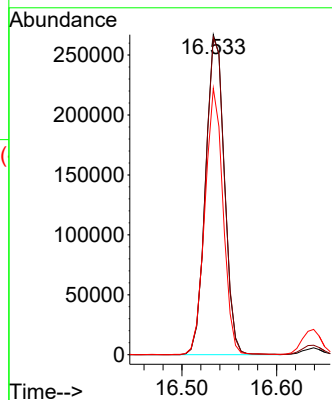
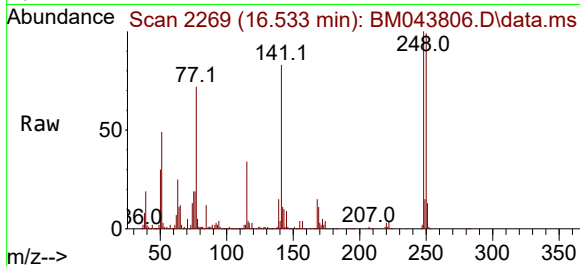




#68
4-Bromophenyl-phenylether
Concen: 20.194 ng/ul
RT: 16.533 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

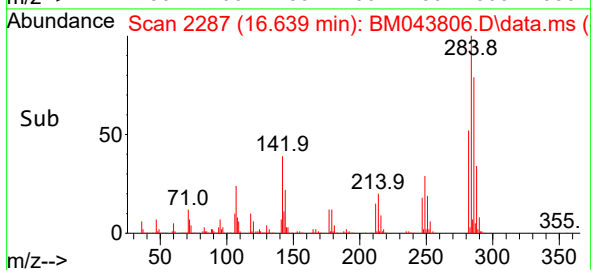
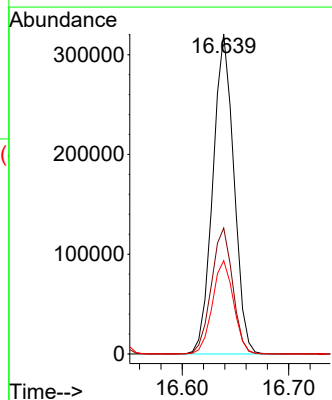
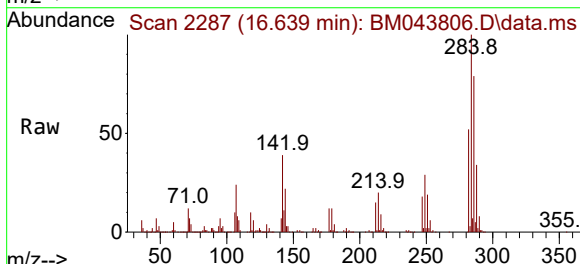
Instrument :
BNA_M
ClientSampleId :
SICV005

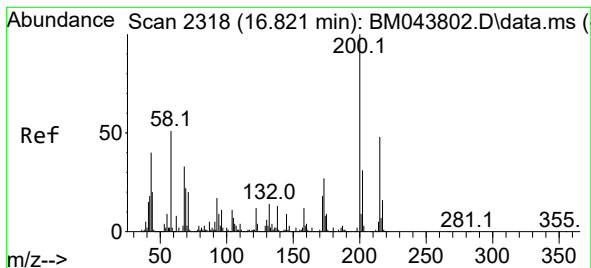
Tgt Ion:248 Resp: 366159
Ion Ratio Lower Upper
248 100
250 99.2 78.2 117.2
141 83.3 64.8 97.2



#69
Hexachlorobenzene
Concen: 20.523 ng/ul
RT: 16.639 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:284 Resp: 438998
Ion Ratio Lower Upper
284 100
142 39.3 31.0 46.6
249 29.1 23.8 35.8





#70

Atrazine

Concen: 19.602 ng/ul

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

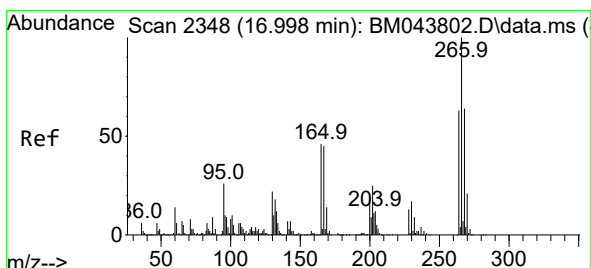
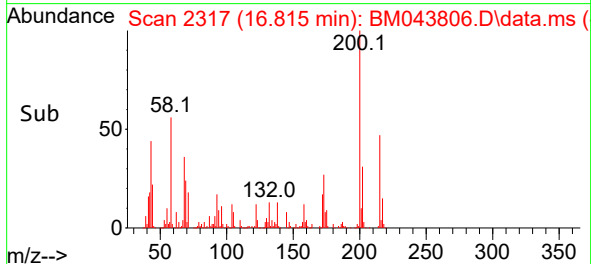
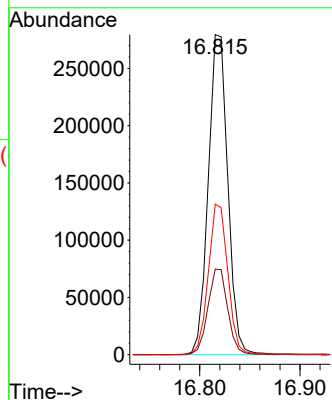
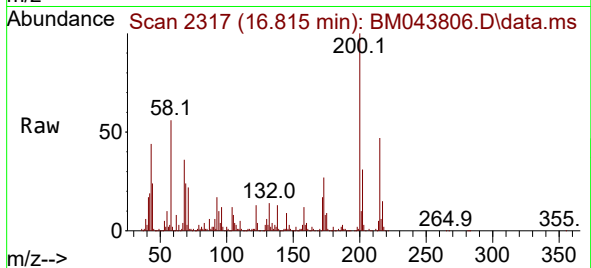
Tgt Ion:200 Resp: 378134

Ion Ratio Lower Upper

200 100

173 26.8 22.0 33.0

215 47.0 38.7 58.1



#71

Pentachlorophenol

Concen: 18.101 ng/ul

RT: 16.992 min Scan# 2347

Delta R.T. -0.006 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

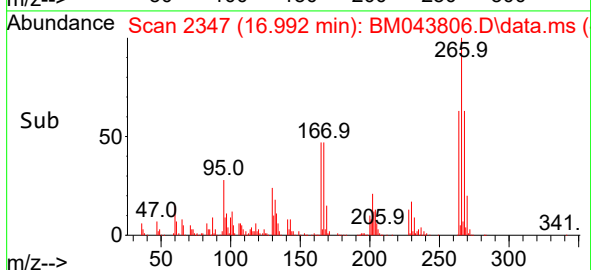
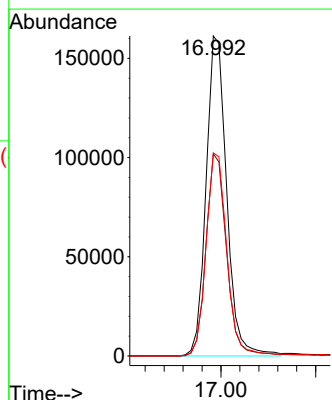
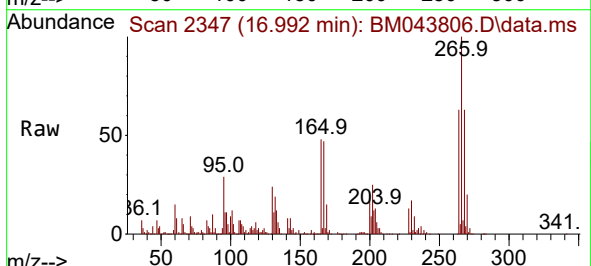
Tgt Ion:266 Resp: 243429

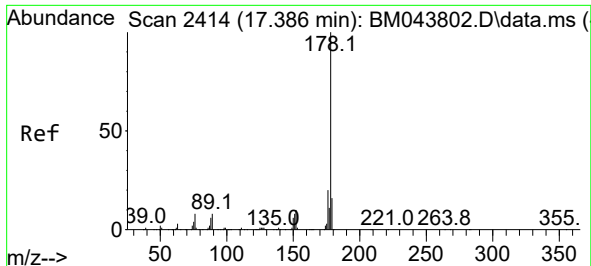
Ion Ratio Lower Upper

266 100

264 63.1 50.0 75.0

268 63.5 51.6 77.4

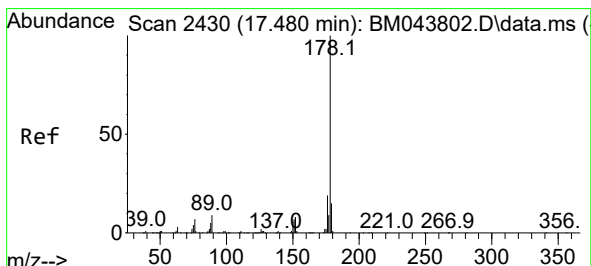
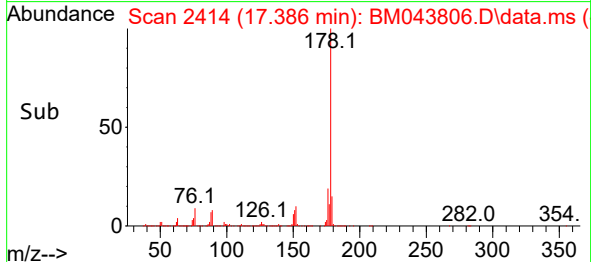
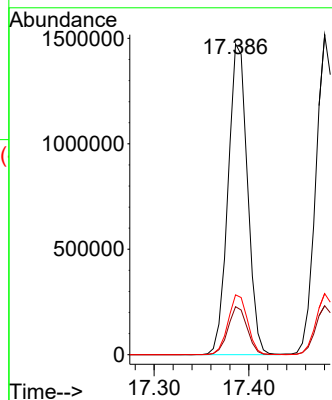
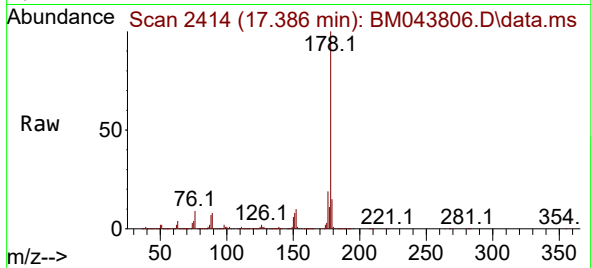




#72
Phenanthrene
Concen: 21.072 ng/ul
RT: 17.386 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

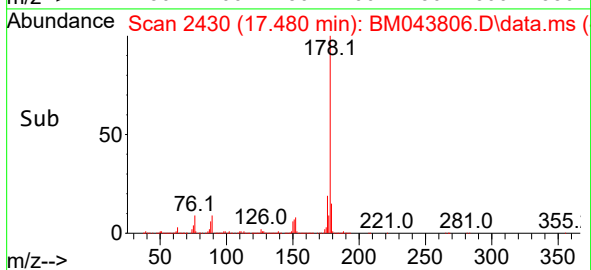
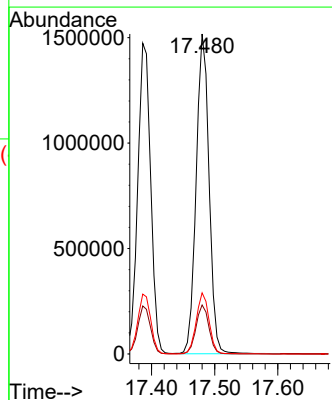
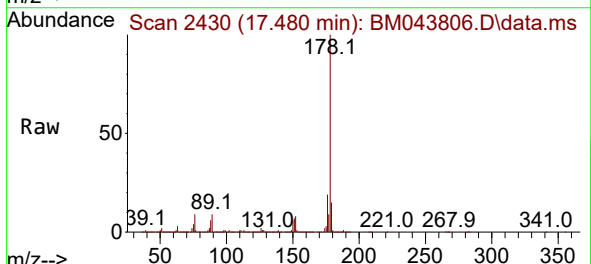
Instrument :
BNA_M
ClientSampleId :
SICV005

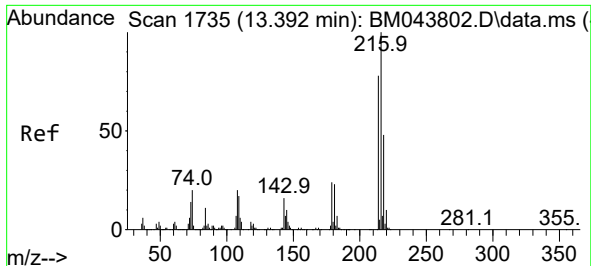
Tgt Ion:178 Resp: 2097143
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.3 15.6 23.4



#74
Anthracene
Concen: 21.223 ng/ul
RT: 17.480 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:178 Resp: 2149525
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.1 15.2 22.8

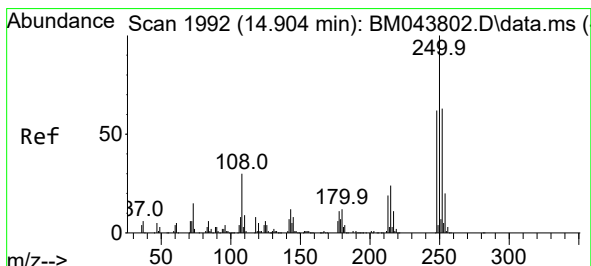
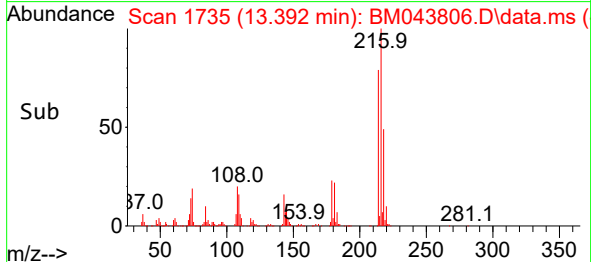
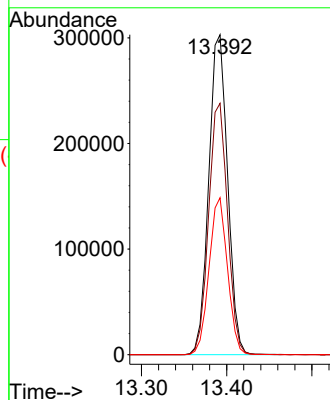
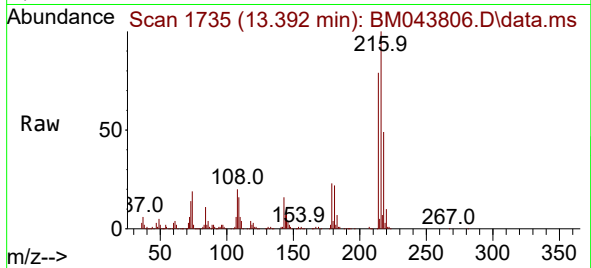




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.506 ng/uL
RT: 13.392 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

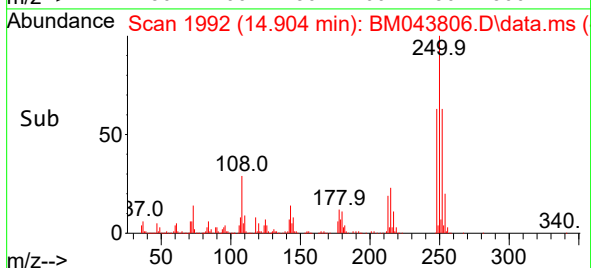
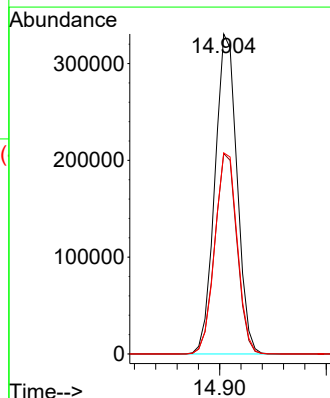
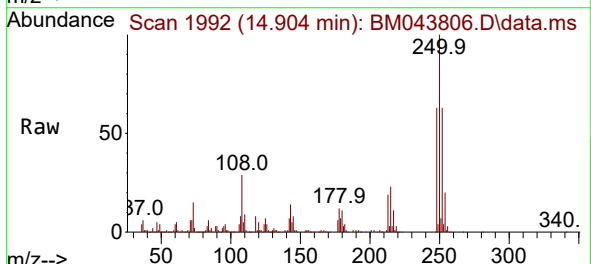
Instrument :
BNA_M
ClientSampleId :
SICV005

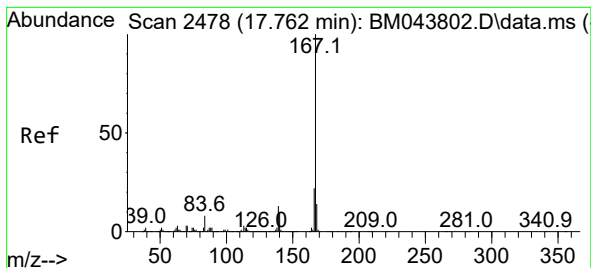
Tgt Ion:216 Resp: 465882
Ion Ratio Lower Upper
216 100
214 78.5 62.5 93.7
218 49.0 38.1 57.1



#76
Pentachlorobenzene
Concen: 20.522 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:250 Resp: 475734
Ion Ratio Lower Upper
250 100
248 62.7 49.4 74.0
252 62.9 50.6 75.8





#77

Carbazole

Concen: 20.678 ng/ul

RT: 17.762 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

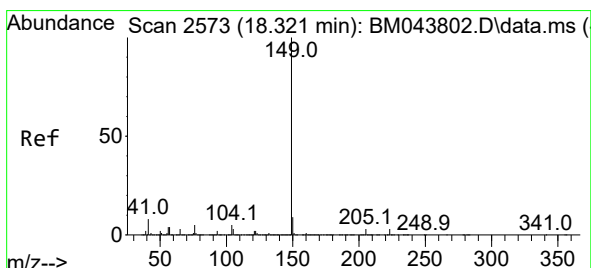
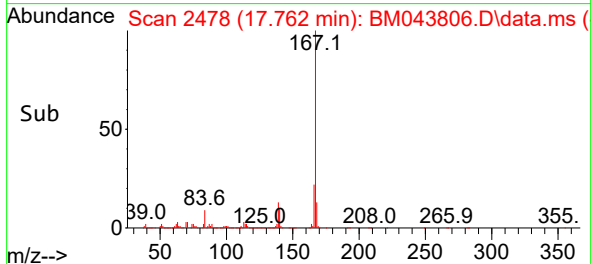
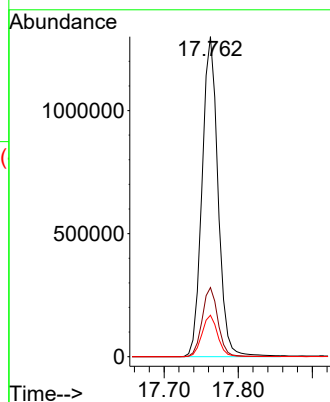
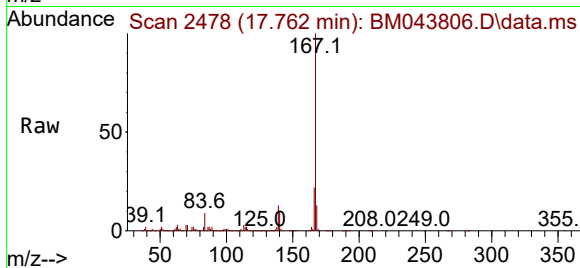
Tgt Ion:167 Resp: 1941444

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.0 10.4 15.6



#78

Di-n-butylphthalate

Concen: 19.779 ng/ul

RT: 18.321 min Scan# 2573

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

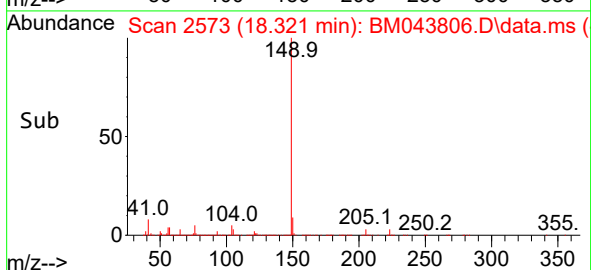
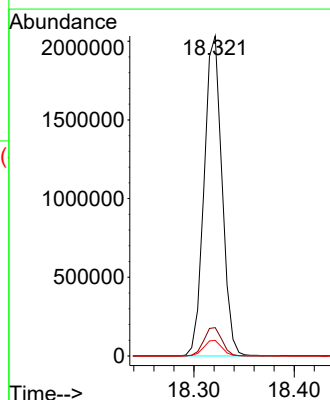
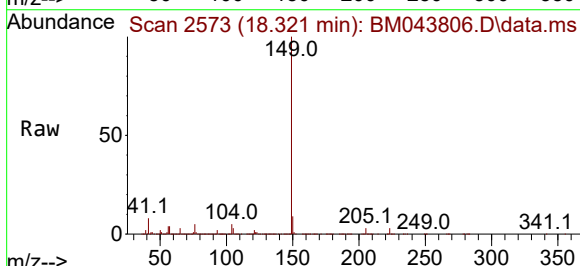
Tgt Ion:149 Resp: 2521773

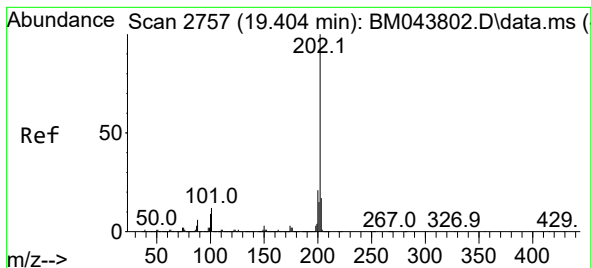
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 4.9 3.8 5.8

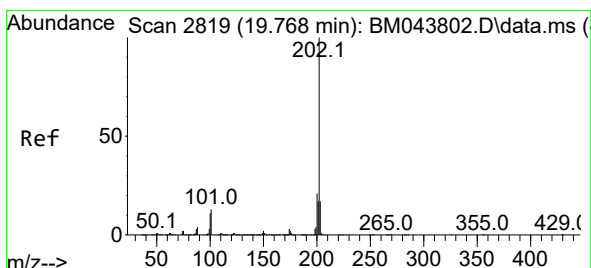
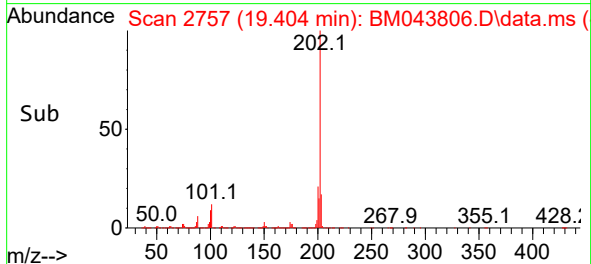
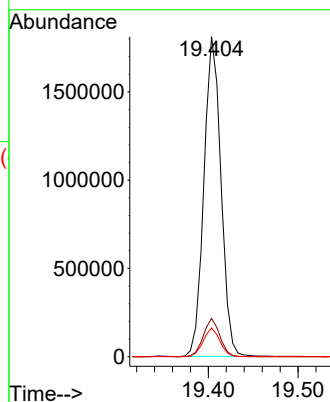
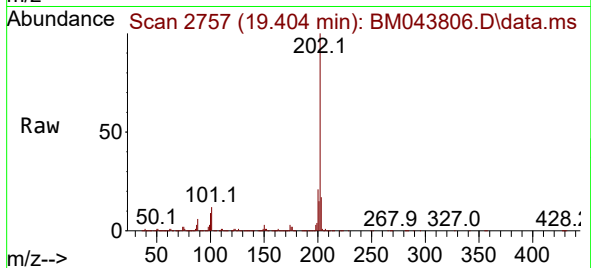




#80
Fluoranthene
Concen: 19.739 ng/ul
RT: 19.404 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

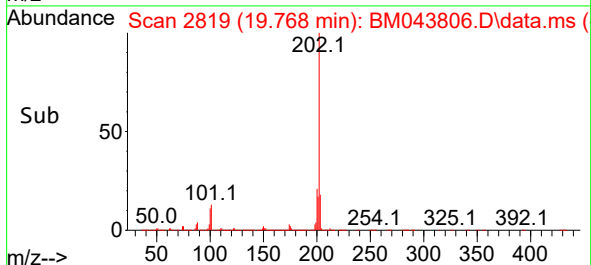
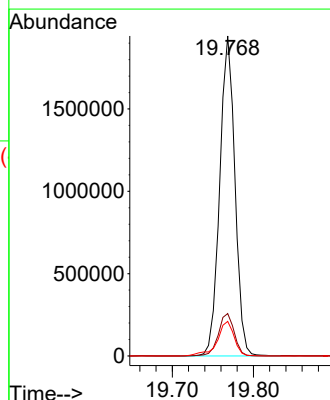
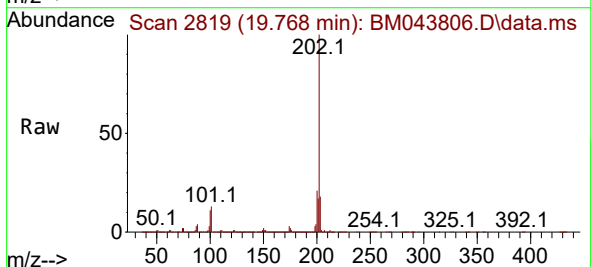
Instrument :
BNA_M
ClientSampleId :
SICV005

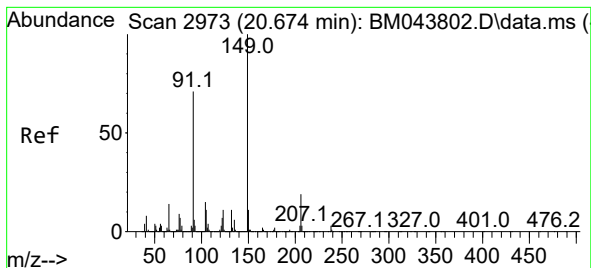
Tgt Ion:202 Resp: 2392444
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 9.0 7.0 10.6



#82
Pyrene
Concen: 20.195 ng/ul
RT: 19.768 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:202 Resp: 2536572
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.8 8.6 12.8





#83

Butylbenzylphthalate

Concen: 20.015 ng/ul

RT: 20.674 min Scan# 2973

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

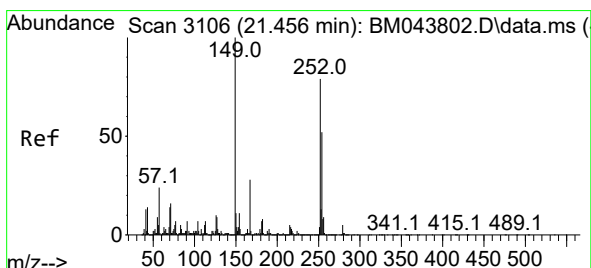
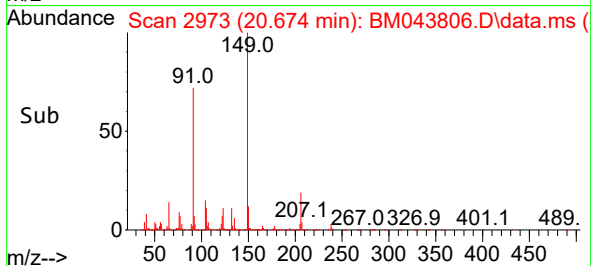
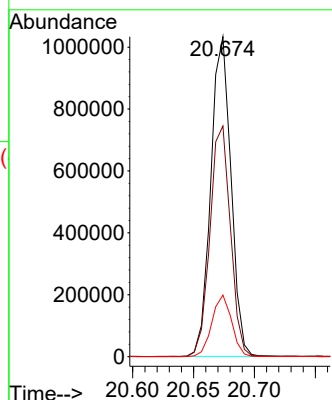
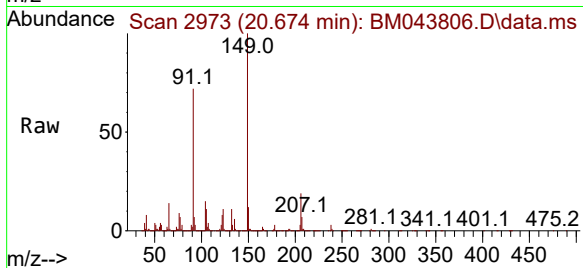
Tgt Ion:149 Resp: 1188741

Ion Ratio Lower Upper

149 100

91 72.1 56.5 84.7

206 19.3 15.5 23.3



#84

3,3'-Dichlorobenzidine

Concen: 21.783 ng/ul

RT: 21.456 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

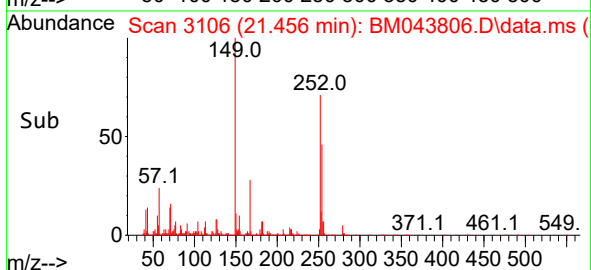
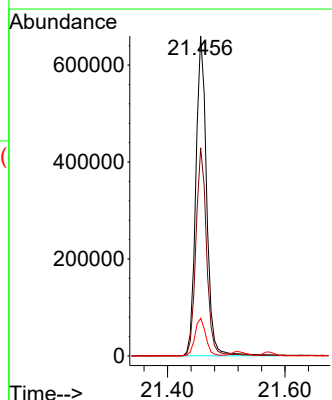
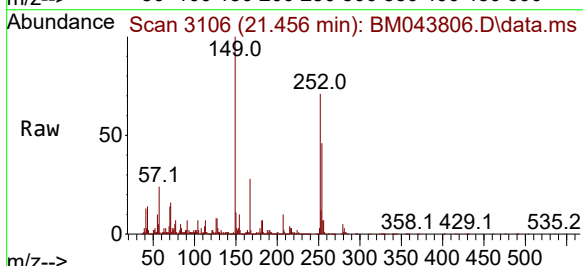
Tgt Ion:252 Resp: 841021

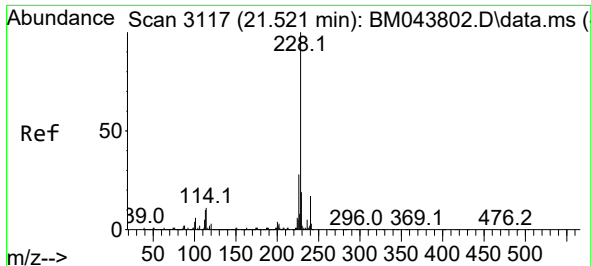
Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

126 11.8 9.8 14.8

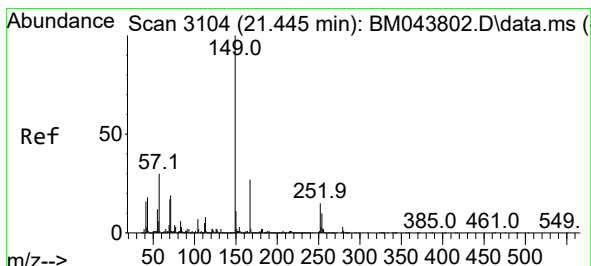
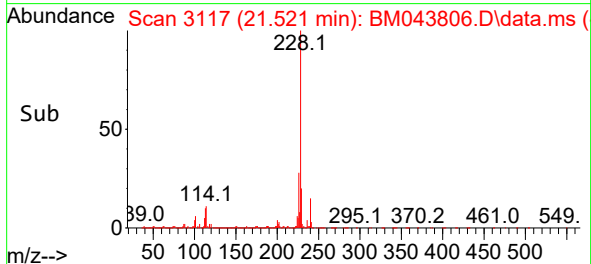
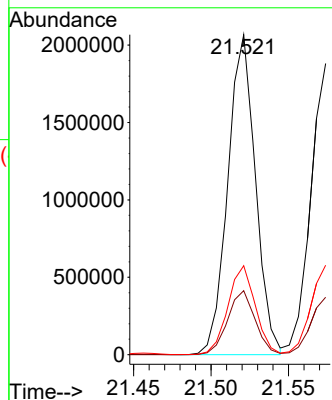
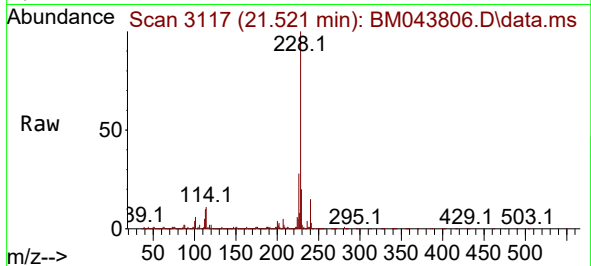




#85
Benzo(a)anthracene
Concen: 20.944 ng/ul
RT: 21.521 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

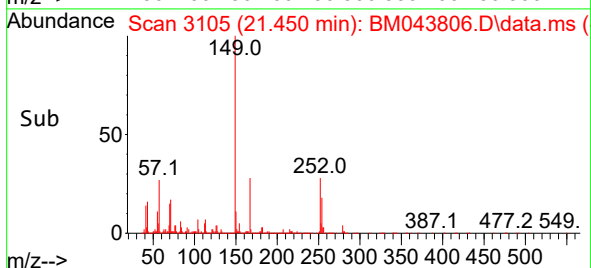
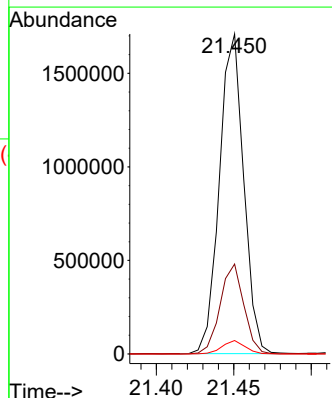
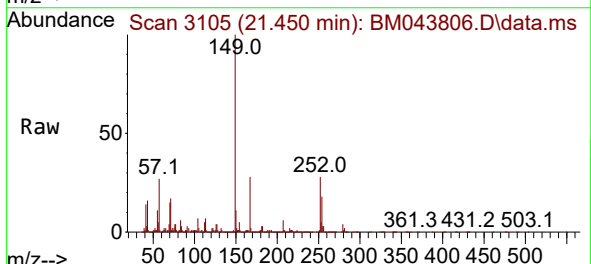
Instrument :
BNA_M
ClientSampleId :
SICV005

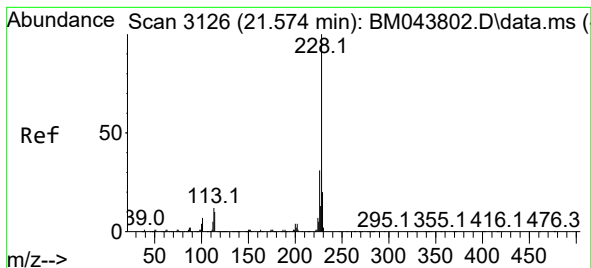
Tgt Ion:228 Resp: 2564759
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.8 22.3 33.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 19.685 ng/ul
RT: 21.450 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:149 Resp: 1862012
Ion Ratio Lower Upper
149 100
167 28.1 21.5 32.3
279 4.2 2.8 4.2





#87

Chrysene

Concen: 21.024 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

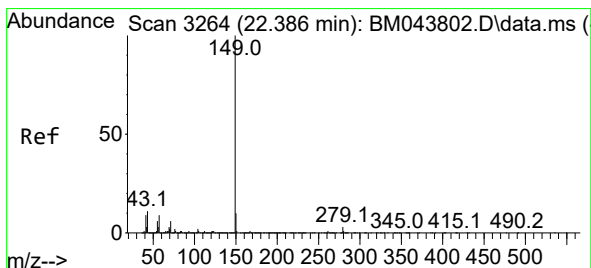
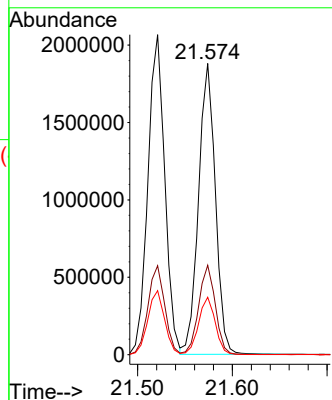
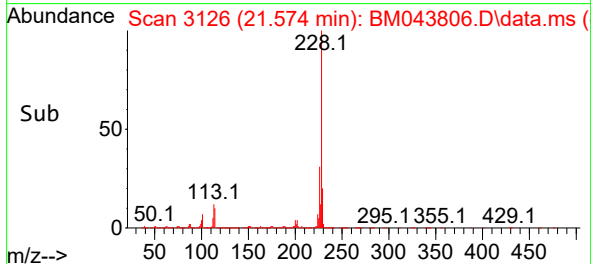
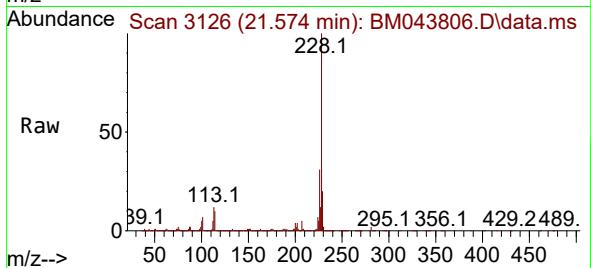
Tgt Ion:228 Resp: 2324028

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 19.7 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 18.857 ng/ul

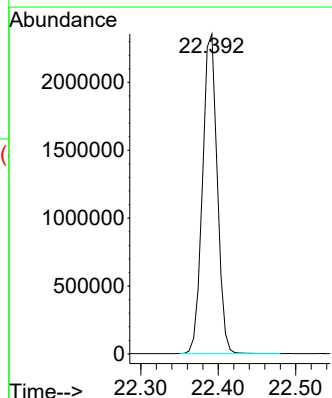
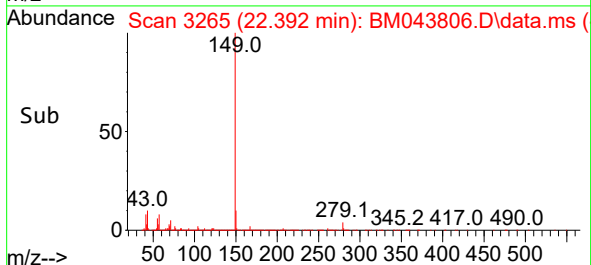
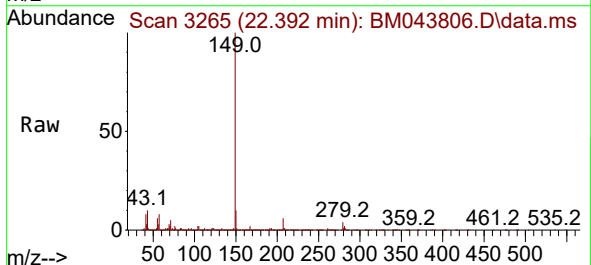
RT: 22.392 min Scan# 3265

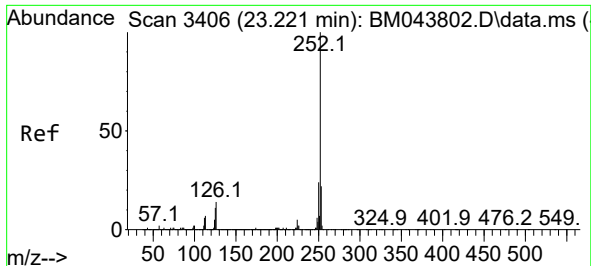
Delta R.T. 0.006 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Tgt Ion:149 Resp: 3100407

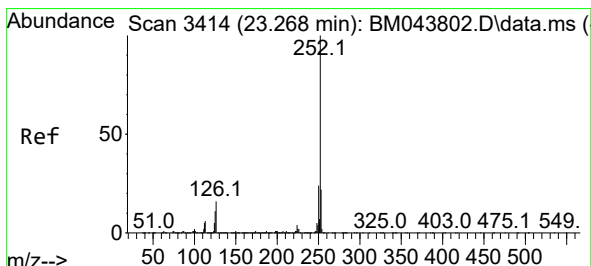
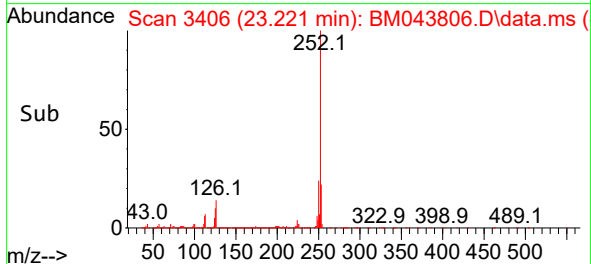
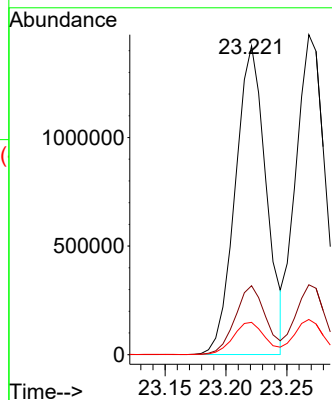
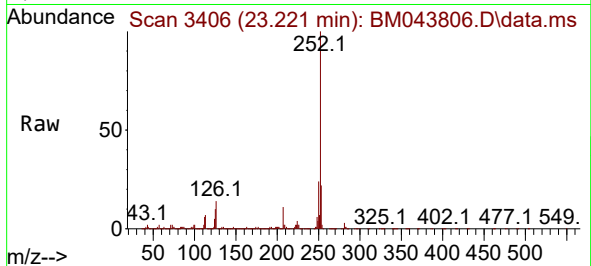




#90
Benzo(b)fluoranthene
Concen: 20.298 ng/ul
RT: 23.221 min Scan# 3406
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

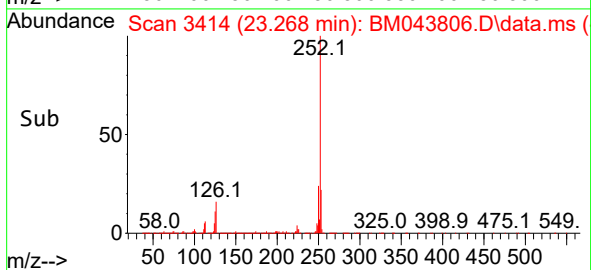
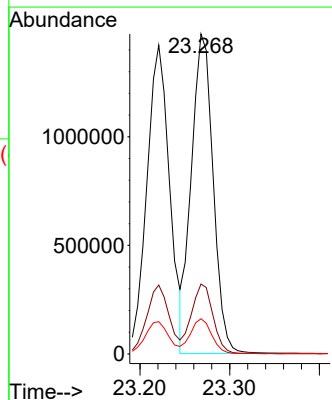
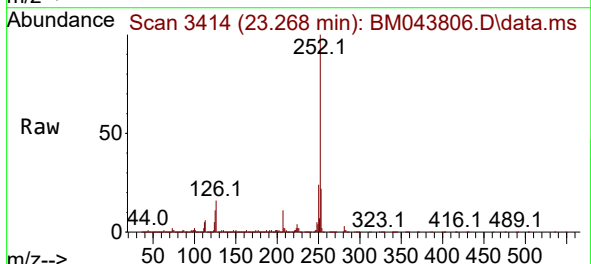
Instrument :
BNA_M
ClientSampleId :
SICV005

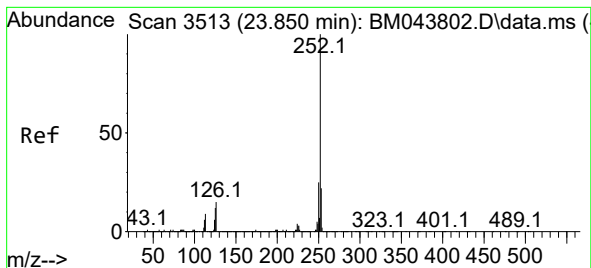
Tgt Ion:252 Resp: 2512698
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.5 8.6 12.8



#91
Benzo(k)fluoranthene
Concen: 20.327 ng/ul
RT: 23.268 min Scan# 3414
Delta R.T. 0.000 min
Lab File: BM043806.D
Acq: 09 Jan 2024 18:27

Tgt Ion:252 Resp: 2478478
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.0 8.6 13.0





#93

Benzo(a)pyrene

Concen: 20.703 ng/ul

RT: 23.850 min Scan# 3513

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

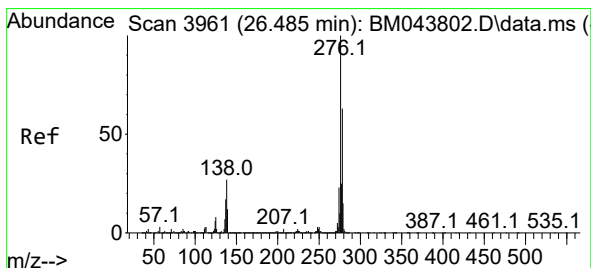
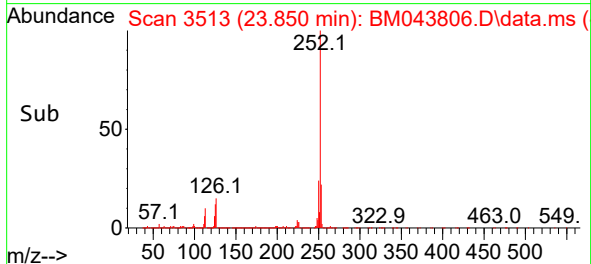
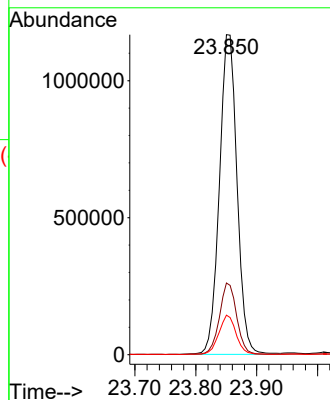
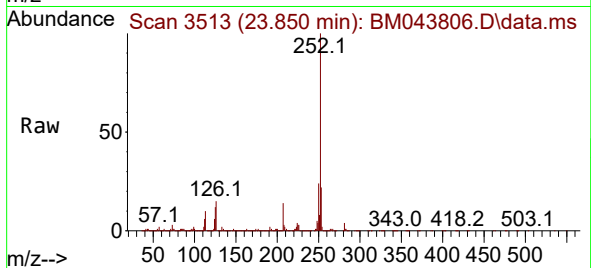
Tgt Ion:252 Resp: 2345961

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 12.4 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.769 ng/ul

RT: 26.485 min Scan# 3961

Delta R.T. 0.000 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

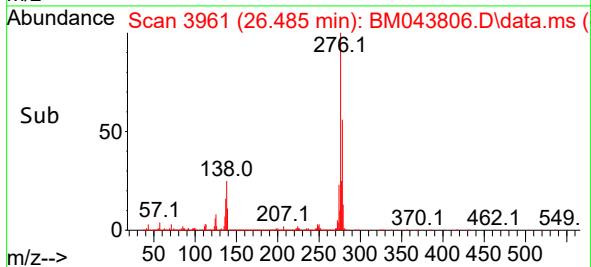
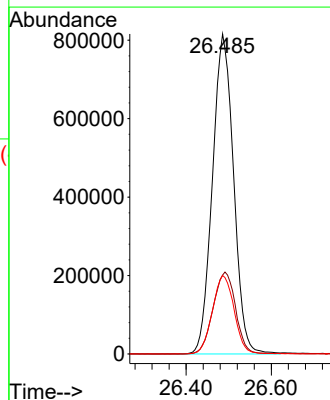
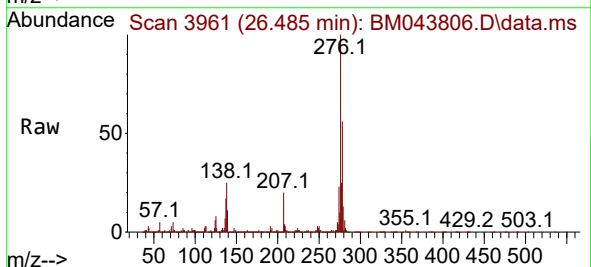
Tgt Ion:276 Resp: 2815173

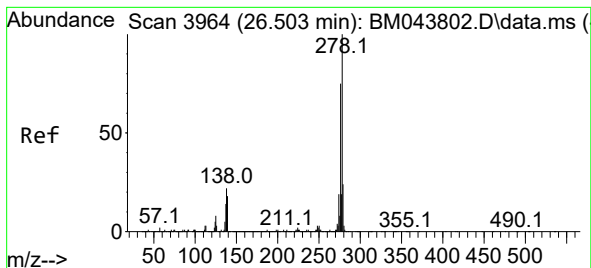
Ion Ratio Lower Upper

276 100

138 24.6 21.4 32.0

277 24.6 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 21.699 ng/ul

RT: 26.509 min Scan# 3964

Delta R.T. 0.006 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Instrument :

BNA_M

ClientSampleId :

SICV005

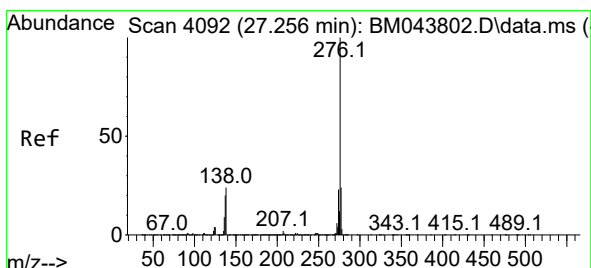
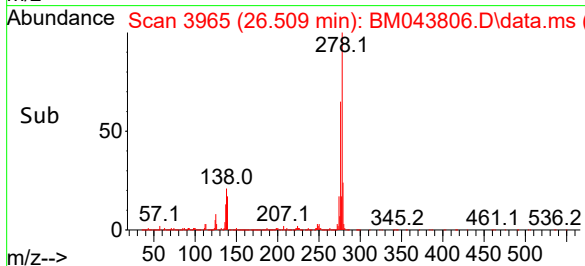
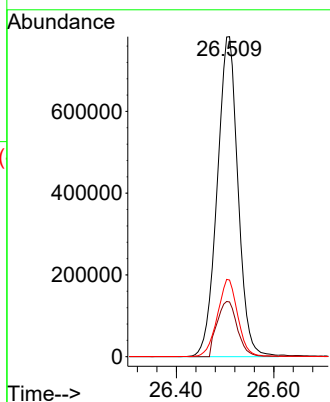
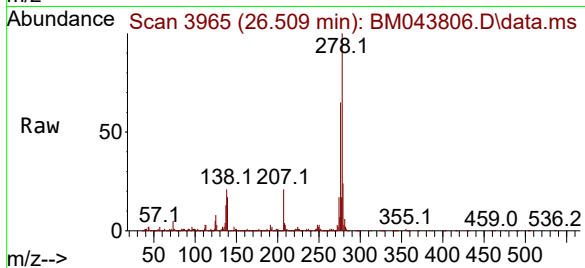
Tgt Ion:278 Resp: 2325034

Ion Ratio Lower Upper

278 100

139 17.1 14.4 21.6

279 24.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 21.868 ng/ul

RT: 27.262 min Scan# 4093

Delta R.T. 0.006 min

Lab File: BM043806.D

Acq: 09 Jan 2024 18:27

Tgt Ion:276 Resp: 2147486

Ion Ratio Lower Upper

276 100

138 23.6 19.1 28.7

277 24.1 19.1 28.7

