

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM045003.D
 Acq On : 07 Apr 2024 12:23
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 08 05:55:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 05:51:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	84231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	355085	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.274	164	224274	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	457456	20.000	ng/ul	0.00
79) Chrysene-d12	21.244	240	454346	20.000	ng/ul	0.00
88) Perylene-d12	23.462	264	531411	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	16563	7.343	ng/uL	0.00
4) Pyridine-d5	3.604	84	117174	19.102	ng/ul	0.00
7) Phenol-d5	6.810	99	145032	20.311	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	87293	20.519	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	118932	21.259	ng/ul	0.00
15) 4-Methylphenol-d8	8.339	113	114350	20.459	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	57507	21.084	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	63643	22.107	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	115787	21.937	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	167987	19.990	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	312039	19.983	ng/ul	0.00
49) Acenaphthylene-d8	13.968	160	385347	20.888	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	57765	17.725	ng/ul	0.00
60) Fluorene-d10	15.280	176	281551	20.224	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	47015	17.334	ng/ul	0.00
73) Anthracene-d10	17.139	188	438380	21.303	ng/ul	0.00
81) Pyrene-d10	19.439	212	508917	22.748	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	552334	21.306	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	18339	7.785	ng/uL#	87
5) Pyridine	3.622	79	126891	19.523	ng/ul	95
6) Benzaldehyde	6.792	77	87200	26.343	ng/ul	98
8) Phenol	6.839	94	149735	20.249	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.075	93	116221	20.139	ng/ul	95
12) 2-Chlorophenol	7.198	128	124089	21.139	ng/ul	97
13) 2-Methylphenol	8.075	108	113150	20.731	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.151	45	143045	20.782	ng/ul	99
16) Acetophenone	8.457	105	181680	19.993	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.439	70	90346	21.057	ng/ul#	95
18) 4-Methylphenol	8.404	108	121359	20.629	ng/ul	99
19) Hexachloroethane	8.681	117	53272	20.633	ng/ul	97
22) Nitrobenzene	8.833	77	142867	21.350	ng/ul	99
23) Isophorone	9.351	82	252558	20.542	ng/ul	99
25) 2-Nitrophenol	9.533	139	69589	21.779	ng/ul#	88
26) 2,4-Dimethylphenol	9.598	107	130278	21.148	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.839	93	154683	21.222	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	116972	21.935	ng/ul	96
30) Naphthalene	10.451	128	390923	20.797	ng/ul	98
32) 4-Chloroaniline	10.586	127	161313	19.728	ng/ul	99
33) Hexachlorobutadiene	10.716	225	69385	20.926	ng/ul	89
34) Caprolactam	11.380	113	31117	17.284	ng/ul	95
35) 4-Chloro-3-methylphenol	11.710	107	112890	21.295	ng/ul	99
36) 2-Methylnaphthalene	12.074	142	257163	20.953	ng/ul	99

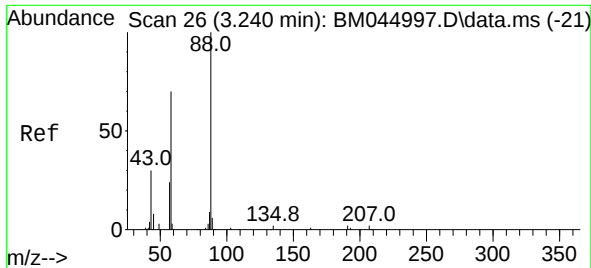
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
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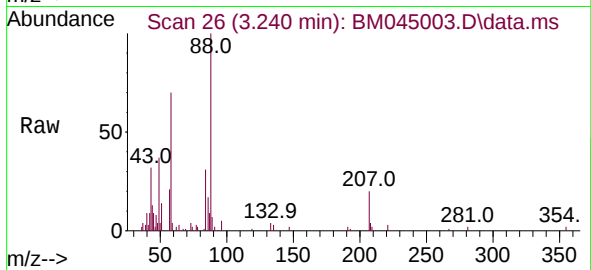
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	260960	21.011	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.445	216	132803	21.652	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	59076	15.911	ng/ul	94
41) 2,4,6-Trichlorophenol	12.698	196	89131	22.277	ng/ul	97
42) 2,4,5-Trichlorophenol	12.774	196	95310	21.620	ng/ul	96
43) 1,1'-Biphenyl	13.104	154	334344	21.112	ng/ul	97
44) 2-Chloronaphthalene	13.145	162	267662	20.803	ng/ul	99
45) 2-Nitroaniline	13.374	65	73291	20.635	ng/ul	95
47) Dimethylphthalate	13.751	163	323280	19.807	ng/ul#	99
48) 2,6-Dinitrotoluene	13.880	165	65004	20.319	ng/ul	92
50) Acenaphthylene	13.998	152	447592	20.774	ng/ul	100
51) 3-Nitroaniline	14.210	138	71518	20.495	ng/ul	98
52) Acenaphthene	14.345	153	297763	20.711	ng/ul	99
53) 2,4-Dinitrophenol	14.427	184	27488	14.452	ng/ul	94
55) 4-Nitrophenol	14.527	109	50705	17.691	ng/ul	86
56) Dibenzofuran	14.680	168	403211	20.495	ng/ul	99
57) 2,4-Dinitrotoluene	14.674	165	99529	20.784	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	79289	21.015	ng/ul	96
59) Diethylphthalate	15.121	149	331893	19.932	ng/ul	100
61) Fluorene	15.333	166	332853	20.073	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	159873	20.570	ng/ul	97
63) 4-Nitroaniline	15.386	138	63728	20.087	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.433	198	50745	17.470	ng/ul	95
67) N-Nitrosodiphenylamine	15.557	169	264503	21.434	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	98076	22.013	ng/ul	98
69) Hexachlorobenzene	16.333	284	124380	21.461	ng/ul	98
70) Atrazine	16.521	200	92357	20.346	ng/ul	99
71) Pentachlorophenol	16.686	266	68447	19.443	ng/ul	97
72) Phenanthrene	17.080	178	515835	20.954	ng/ul	99
74) Anthracene	17.168	178	536497	21.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	131992	22.893	ng/uL	97
76) Pentachlorobenzene	14.592	250	136665	22.278	ng/uL	97
77) Carbazole	17.456	167	479484	19.747	ng/ul	99
78) Di-n-butylphthalate	18.021	149	593014	21.656	ng/ul	100
80) Fluoranthene	19.103	202	593738	22.501	ng/ul	97
82) Pyrene	19.474	202	637152	22.376	ng/ul	99
83) Butylbenzylphthalate	20.392	149	272398	22.833	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.174	252	201958	19.991	ng/ul	99
85) Benzo(a)anthracene	21.227	228	648110	21.023	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	433404	23.241	ng/ul	100
87) Chrysene	21.280	228	592369	20.612	ng/ul	100
89) Di-n-octyl phthalate	22.056	149	719294	21.513	ng/ul	100
90) Benzo(b)fluoranthene	22.797	252	668775	21.592	ng/ul	100
91) Benzo(k)fluoranthene	22.844	252	661862	21.231	ng/ul	100
93) Benzo(a)pyrene	23.368	252	642639	21.319	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.697	276	811898	20.793	ng/ul	98
95) Dibenzo(a,h)anthracene	25.715	278	678587	20.786	ng/ul	100
96) Benzo(g,h,i)perylene	26.379	276	641226	20.816	ng/ul	98

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

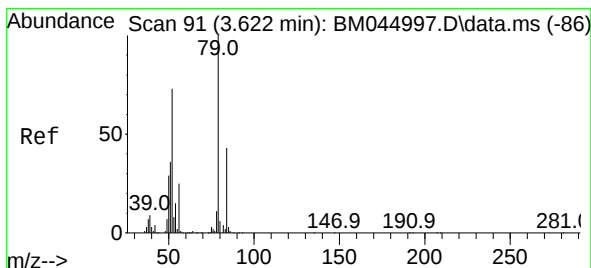
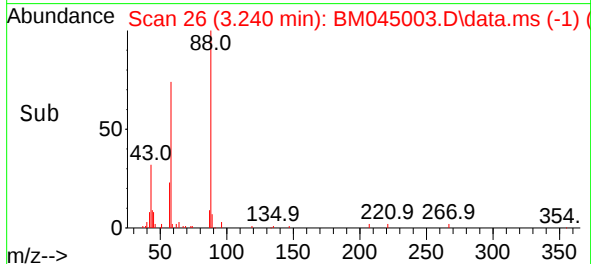
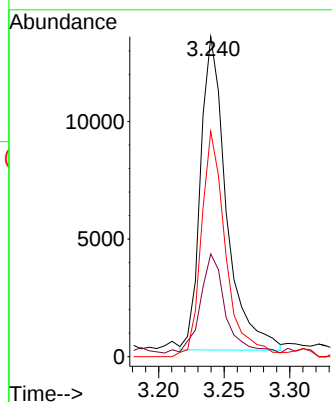


#2
1,4-Dioxane
Concen: 7.785 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Instrument :
BNA_M
ClientSampleId :

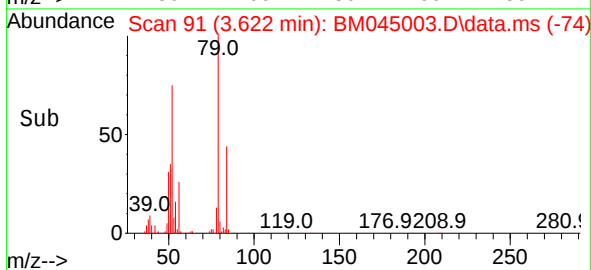
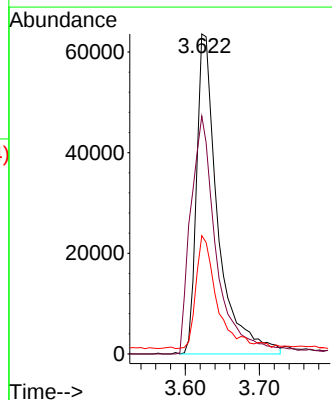
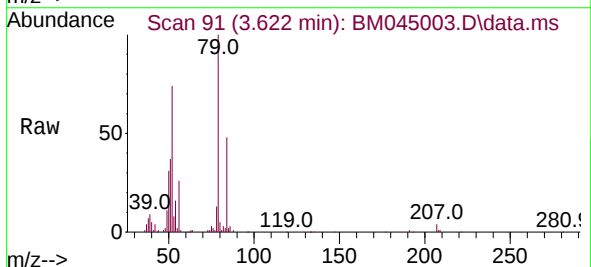


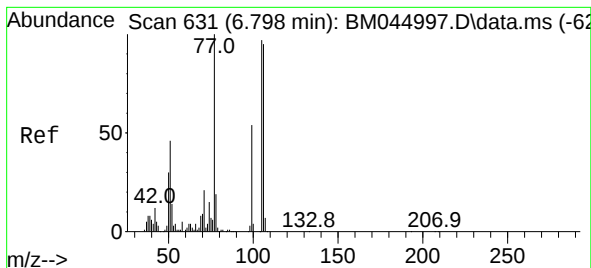
Tgt Ion: 88 Resp: 18339
Ion Ratio Lower Upper
88 100
43 32.1 24.0 36.0
58 70.4 45.4 68.2#



#5
Pyridine
Concen: 19.523 ng/uL
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion: 79 Resp: 126891
Ion Ratio Lower Upper
79 100
52 74.3 56.0 84.0
51 36.9 27.6 41.4





#6

Benzaldehyde

Concen: 26.343 ng/ul

RT: 6.792 min Scan# 631

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

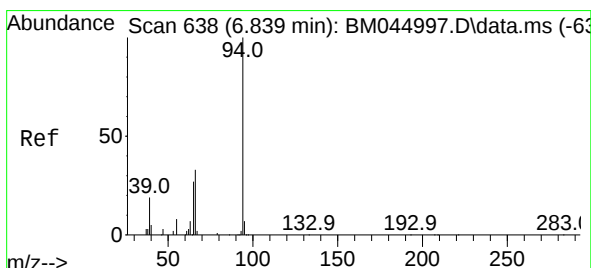
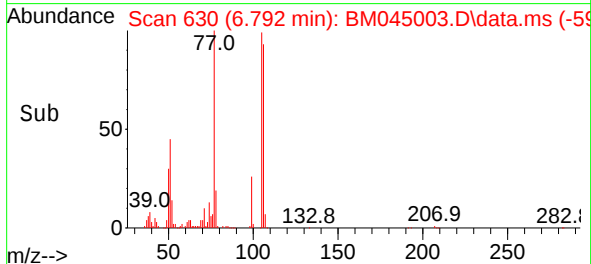
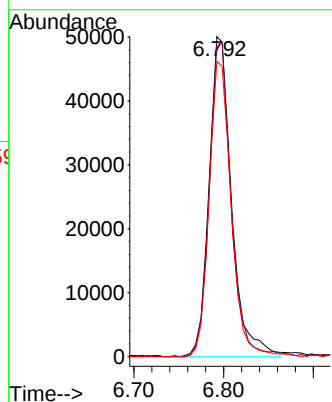
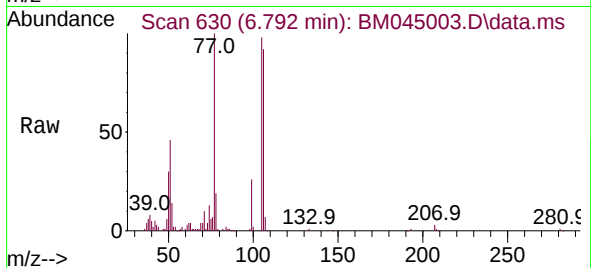
Tgt Ion: 77 Resp: 87200

Ion Ratio Lower Upper

77 100

105 98.1 75.8 113.6

106 92.2 74.6 112.0



#8

Phenol

Concen: 20.249 ng/ul

RT: 6.839 min Scan# 638

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

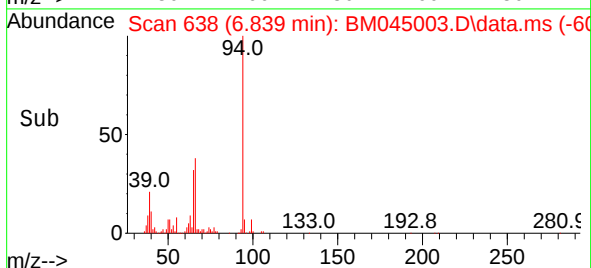
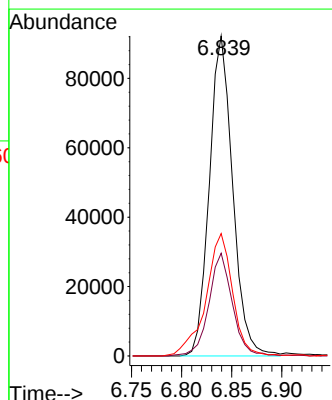
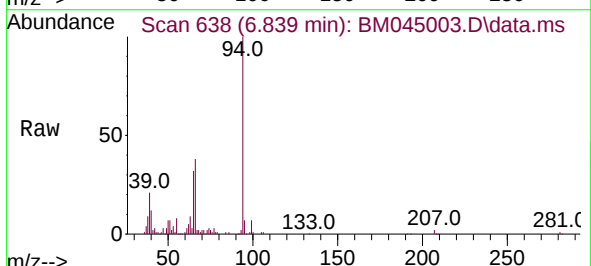
Tgt Ion: 94 Resp: 149735

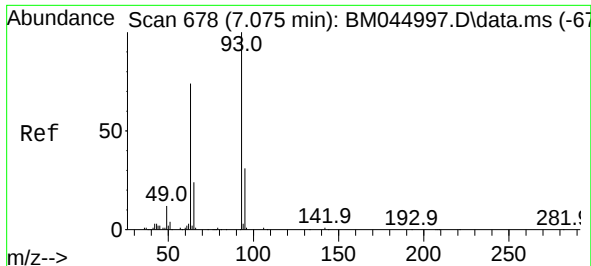
Ion Ratio Lower Upper

94 100

65 32.1 21.7 32.5

66 38.3 31.9 47.9





#10

Bis(2-Chloroethyl)ether

Concen: 20.139 ng/ul

RT: 7.075 min Scan# 678

Delta R.T. 0.000 min

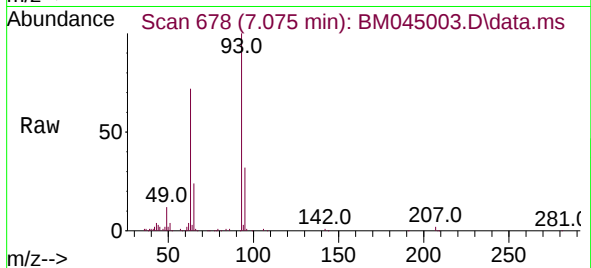
Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :



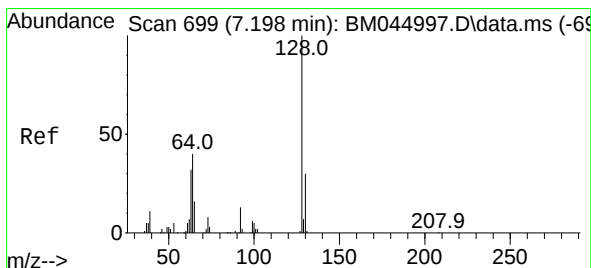
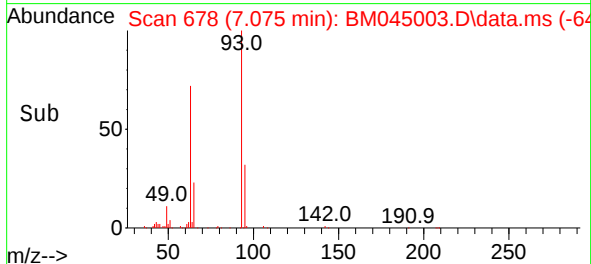
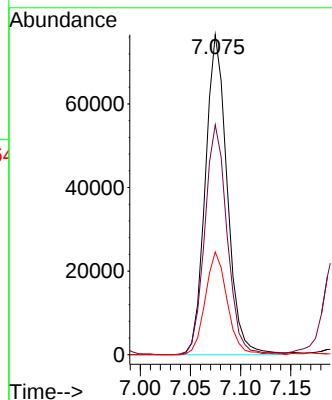
Tgt Ion: 93 Resp: 116221

Ion Ratio Lower Upper

93 100

63 71.9 61.3 91.9

95 32.1 27.6 41.4



#12

2-Chlorophenol

Concen: 21.139 ng/ul

RT: 7.198 min Scan# 699

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

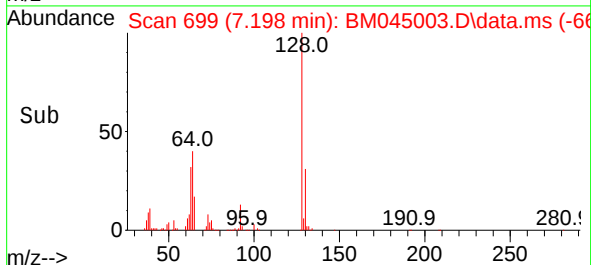
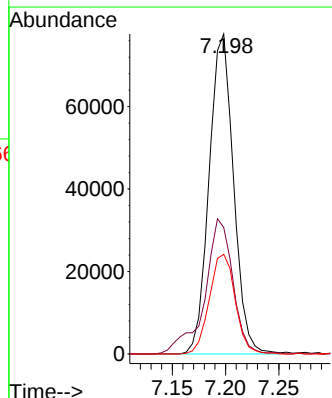
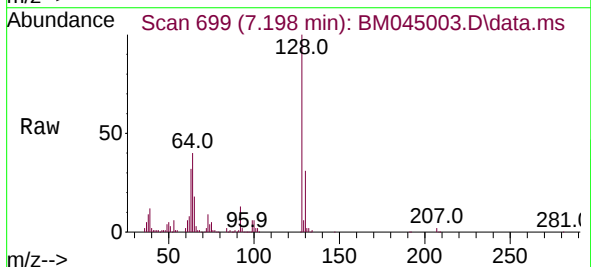
Tgt Ion: 128 Resp: 124089

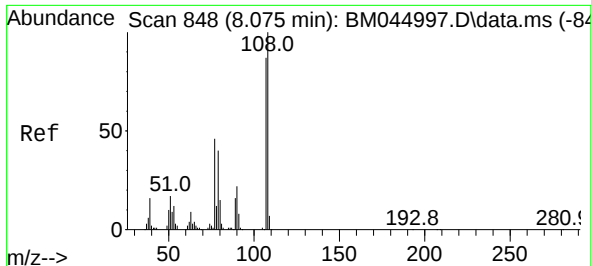
Ion Ratio Lower Upper

128 100

64 39.5 33.3 49.9

130 31.2 26.2 39.4





#13

2-Methylphenol

Concen: 20.731 ng/ul

RT: 8.075 min Scan# 848

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

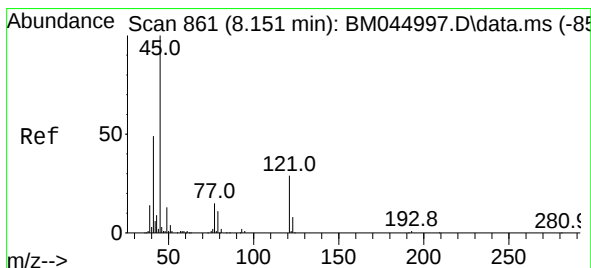
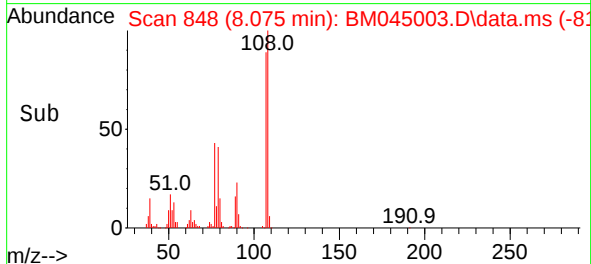
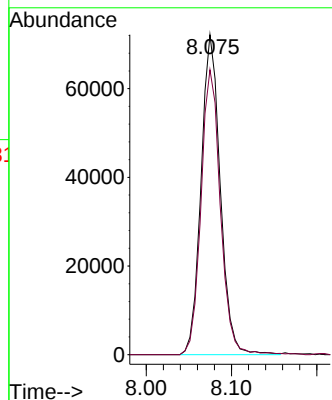
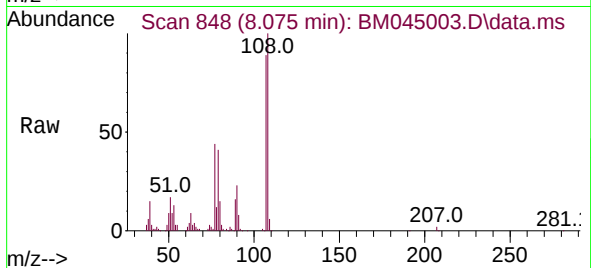
ClientSampleId :

Tgt Ion:108 Resp: 113150

Ion Ratio Lower Upper

108 100

107 89.0 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.782 ng/ul

RT: 8.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

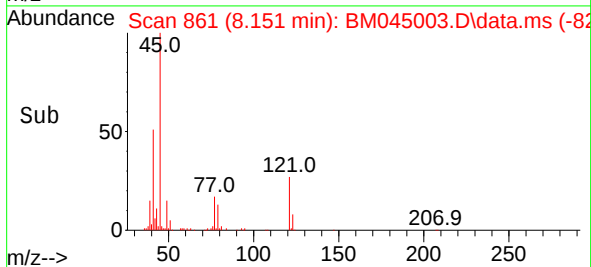
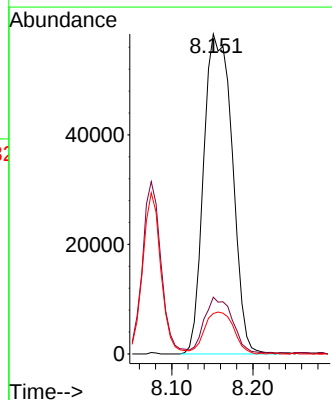
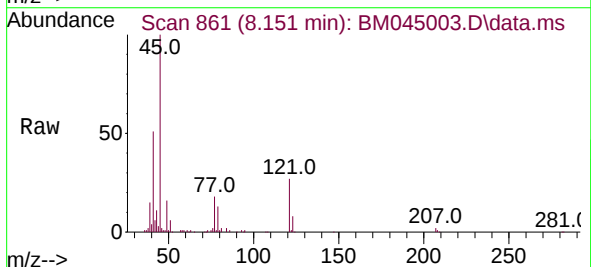
Tgt Ion: 45 Resp: 143045

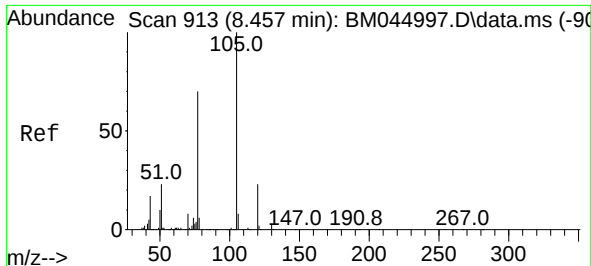
Ion Ratio Lower Upper

45 100

77 17.7 13.4 20.0

79 12.7 10.1 15.1

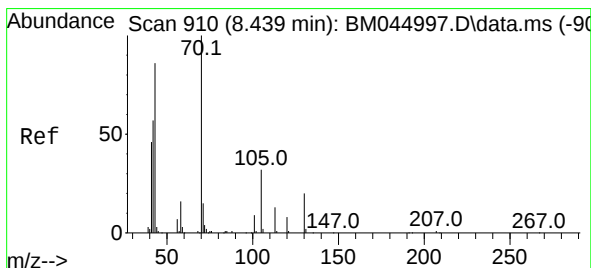
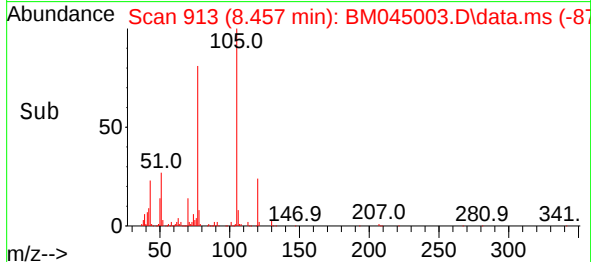
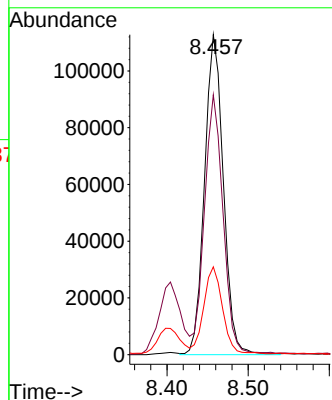
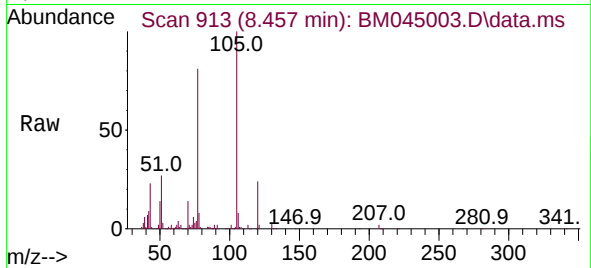




#16
Acetophenone
Concen: 19.993 ng/ul
RT: 8.457 min Scan# 913
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

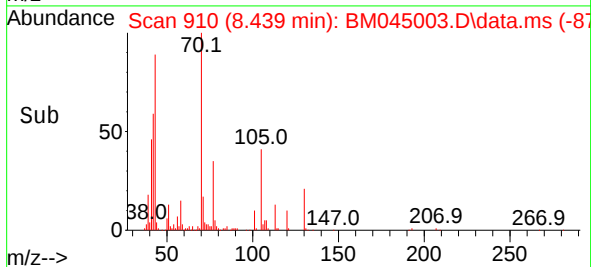
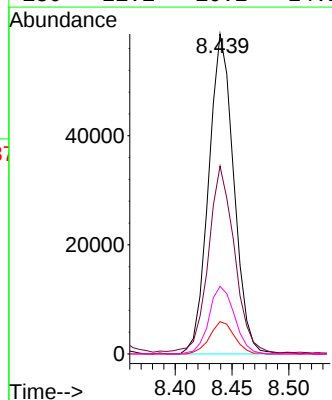
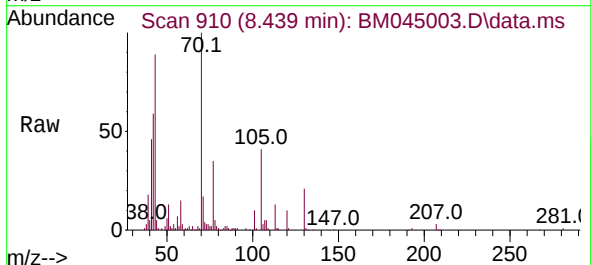
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ClientSampleId :

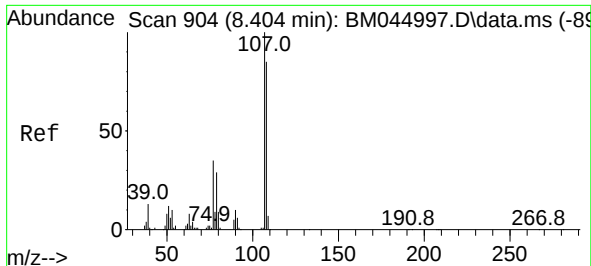
Tgt Ion:105 Resp: 181680
Ion Ratio Lower Upper
105 100
77 81.2 65.8 98.6
51 27.5 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 21.057 ng/ul
RT: 8.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion: 70 Resp: 90346
Ion Ratio Lower Upper
70 100
42 58.7 43.2 64.8
101 10.1 6.4 9.6#
130 21.1 16.2 24.2





#18

4-Methylphenol

Concen: 20.629 ng/ul

RT: 8.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

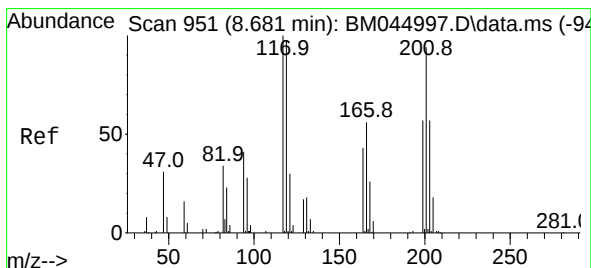
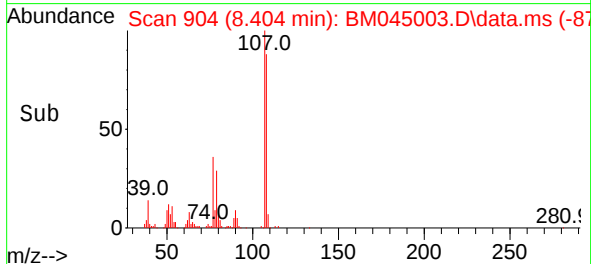
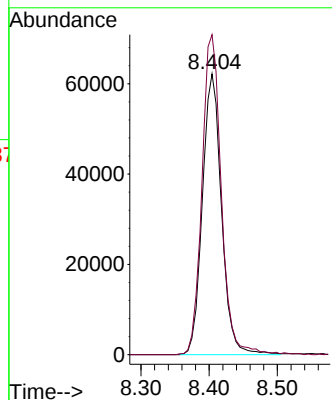
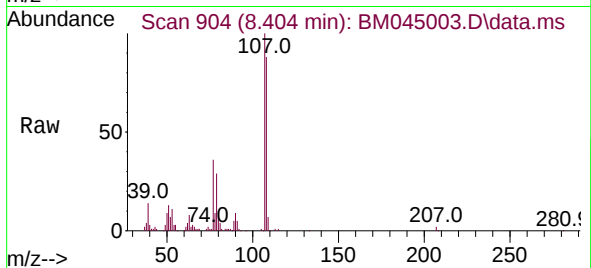
ClientSampleId :

Tgt Ion:108 Resp: 121359

Ion Ratio Lower Upper

108 100

107 113.9 90.0 135.0



#19

Hexachloroethane

Concen: 20.633 ng/ul

RT: 8.681 min Scan# 951

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

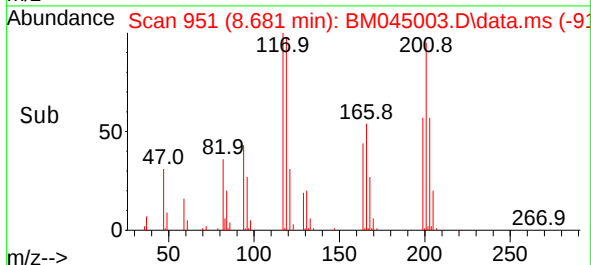
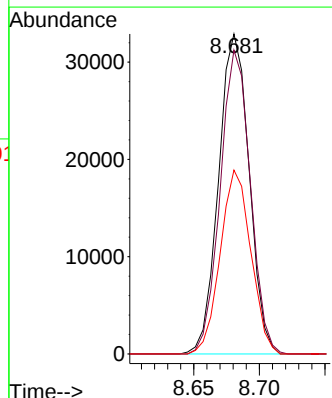
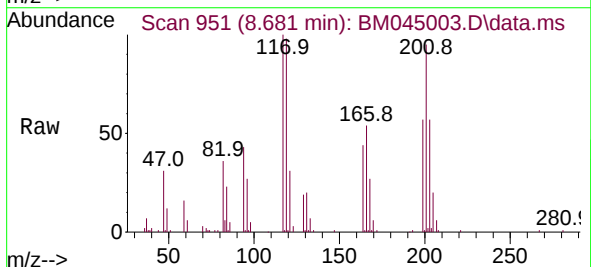
Tgt Ion:117 Resp: 53272

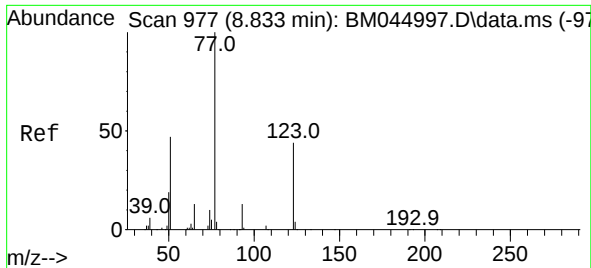
Ion Ratio Lower Upper

117 100

201 95.0 73.0 109.4

199 57.5 44.4 66.6

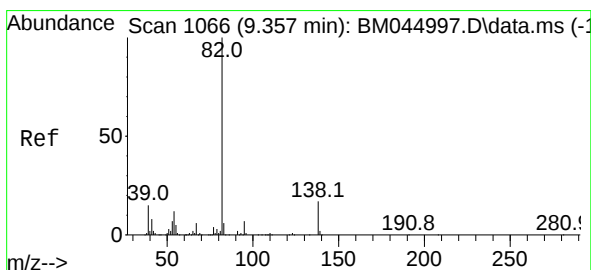
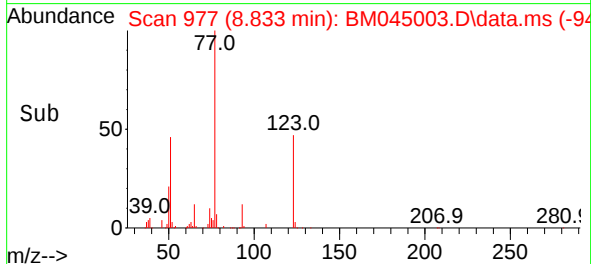
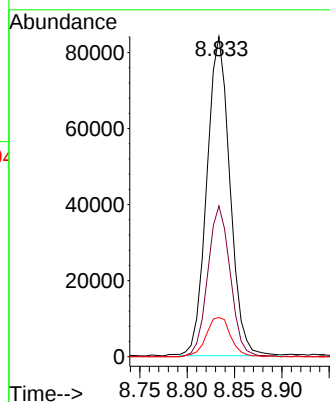
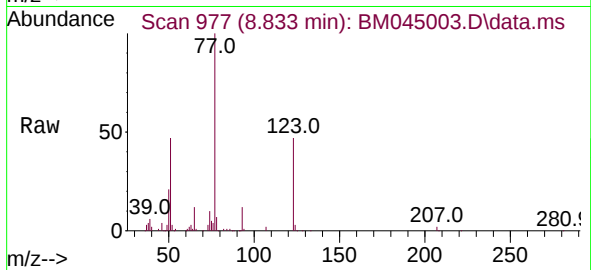




#22
Nitrobenzene
Concen: 21.350 ng/ul
RT: 8.833 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

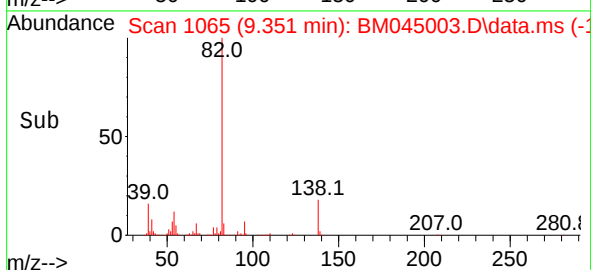
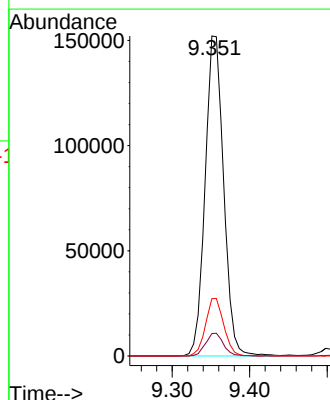
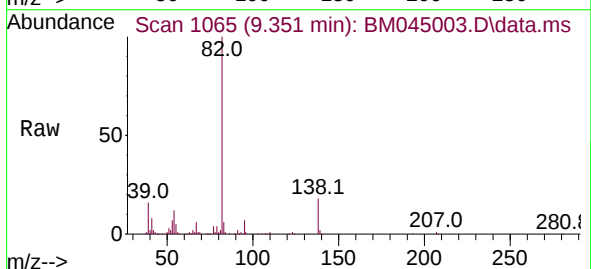
Instrument :
BNA_M
ClientSampleId :

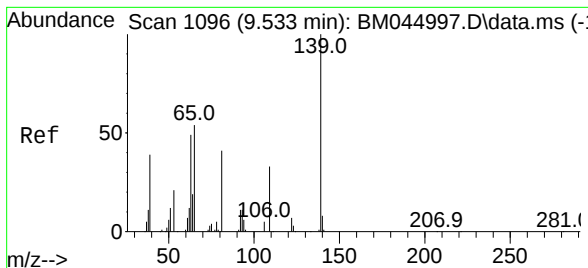
Tgt Ion: 77 Resp: 142867
Ion Ratio Lower Upper
77 100
123 47.1 37.4 56.2
65 12.3 10.7 16.1



#23
Isophorone
Concen: 20.542 ng/ul
RT: 9.351 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion: 82 Resp: 252558
Ion Ratio Lower Upper
82 100
95 7.0 5.1 7.7
138 17.9 14.2 21.4

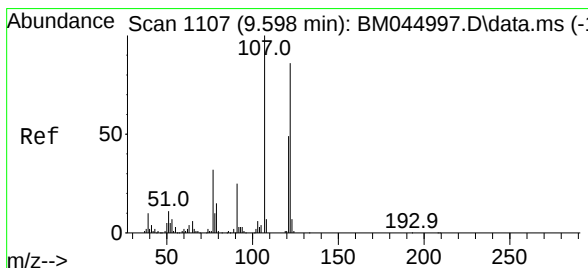
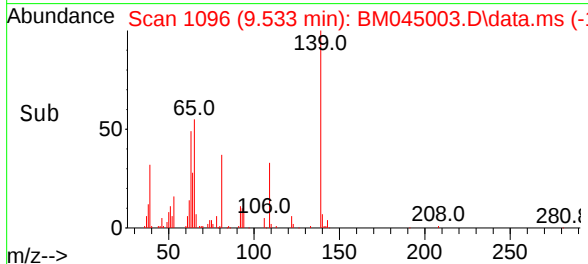
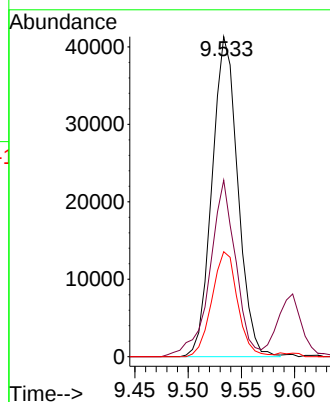
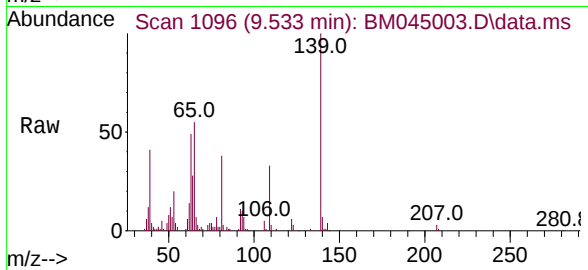




#25
2-Nitrophenol
Concen: 21.779 ng/ul
RT: 9.533 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

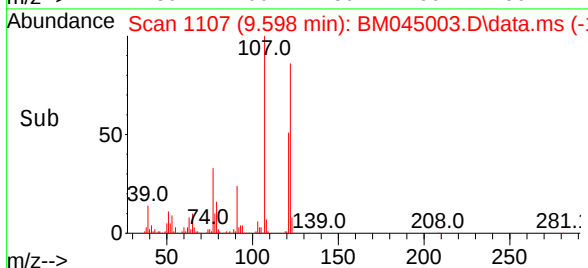
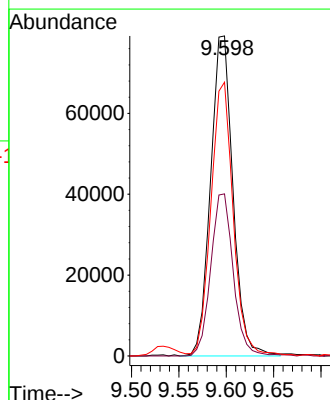
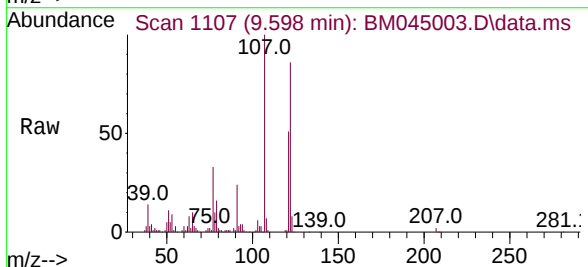
Instrument :
BNA_M
ClientSampleId :

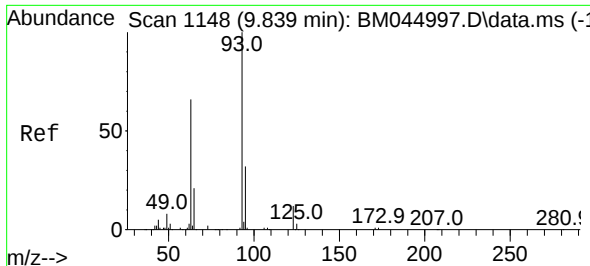
Tgt Ion:139 Resp: 69589
Ion Ratio Lower Upper
139 100
65 55.1 34.9 52.3#
109 32.8 24.4 36.6



#26
2,4-Dimethylphenol
Concen: 21.148 ng/ul
RT: 9.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion:107 Resp: 130278
Ion Ratio Lower Upper
107 100
121 50.7 41.1 61.7
122 85.5 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 21.222 ng/ul

RT: 9.839 min Scan# 1148

Delta R.T. 0.000 min

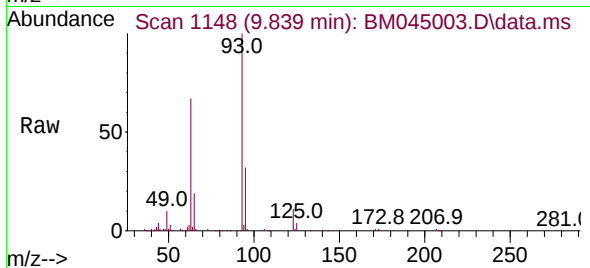
Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :



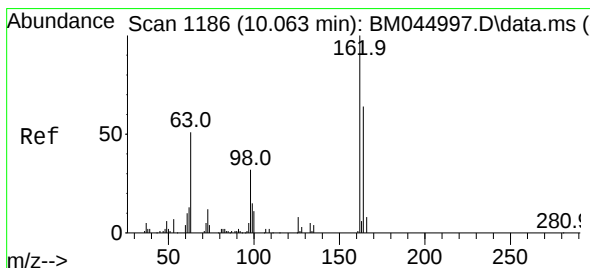
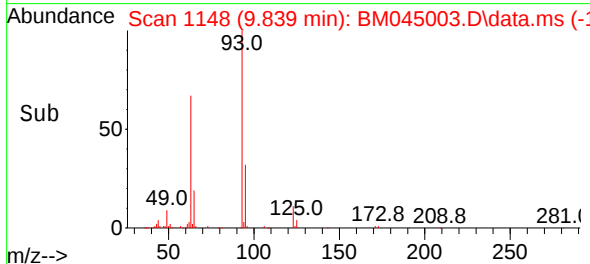
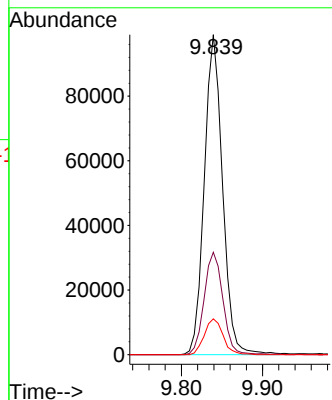
Tgt Ion: 93 Resp: 154683

Ion Ratio Lower Upper

93 100

95 32.0 26.9 40.3

123 11.2 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 21.935 ng/ul

RT: 10.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

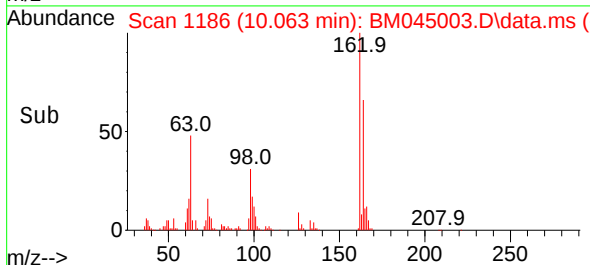
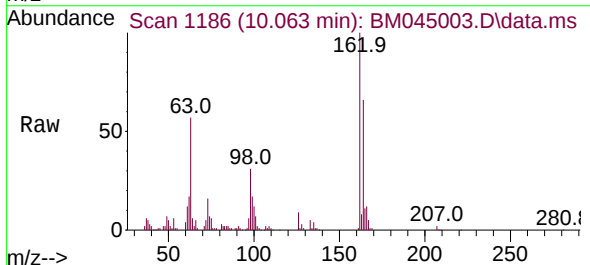
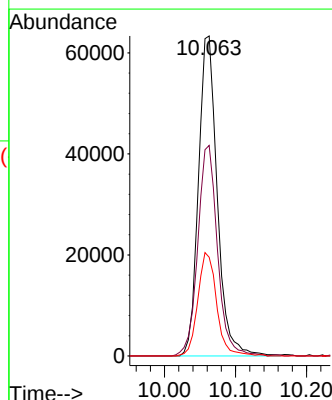
Tgt Ion:162 Resp: 116972

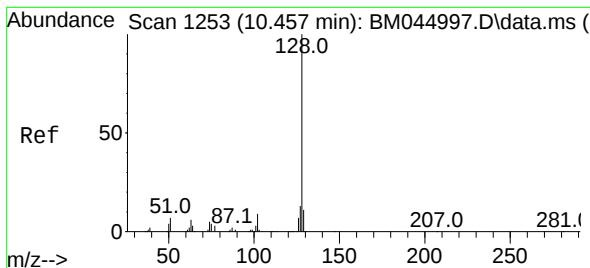
Ion Ratio Lower Upper

162 100

164 65.8 50.4 75.6

98 30.9 27.0 40.4





#30

Naphthalene

Concen: 20.797 ng/ul

RT: 10.451 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

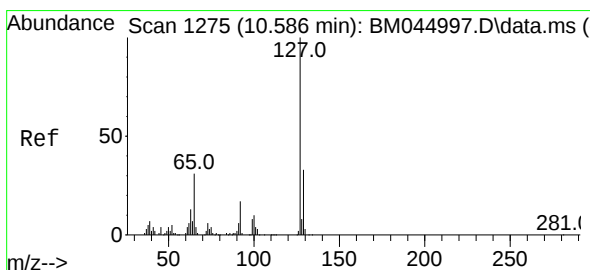
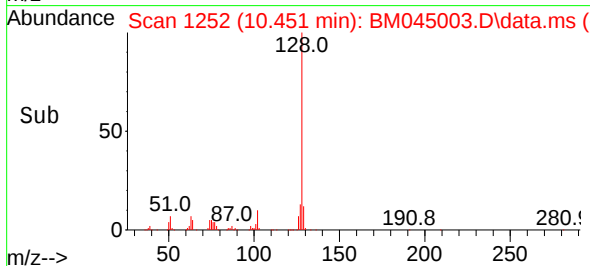
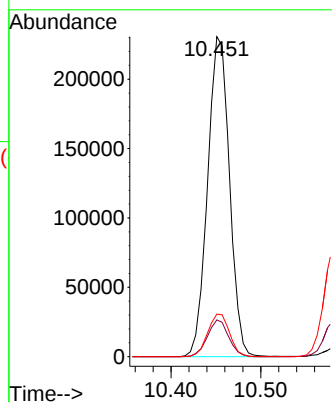
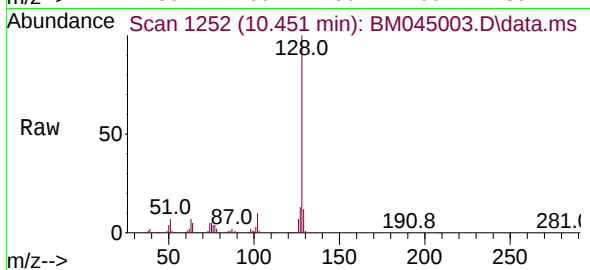
Tgt Ion:128 Resp: 390923

Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

127 13.3 10.2 15.4



#32

4-Chloroaniline

Concen: 19.728 ng/ul

RT: 10.586 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM045003.D

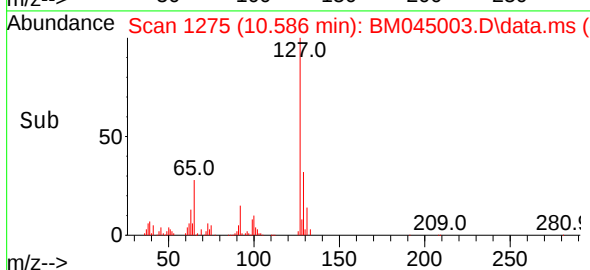
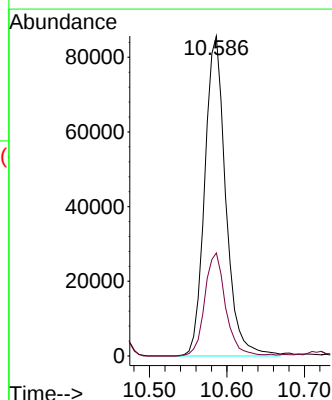
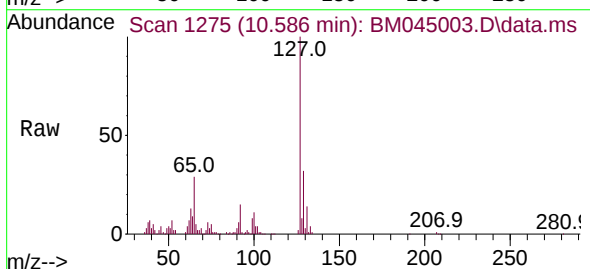
Acq: 07 Apr 2024 12:23

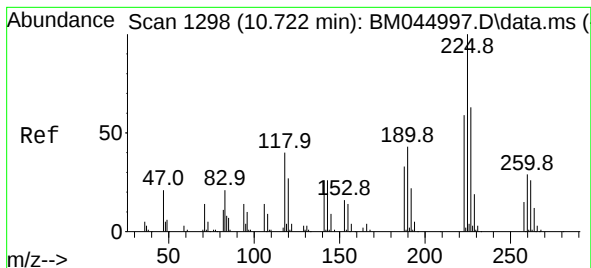
Tgt Ion:127 Resp: 161313

Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.2





#33

Hexachlorobutadiene

Concen: 20.926 ng/ul

RT: 10.716 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

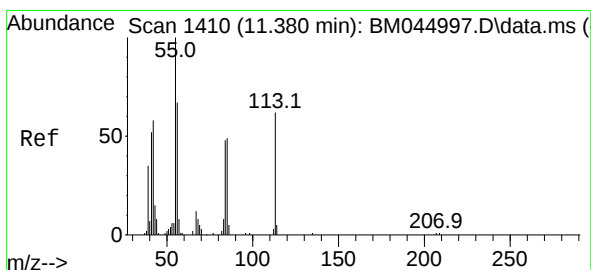
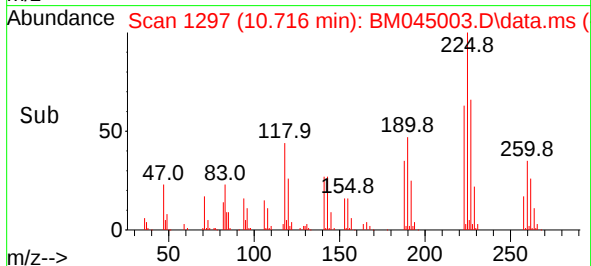
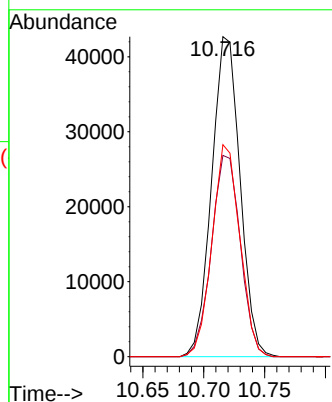
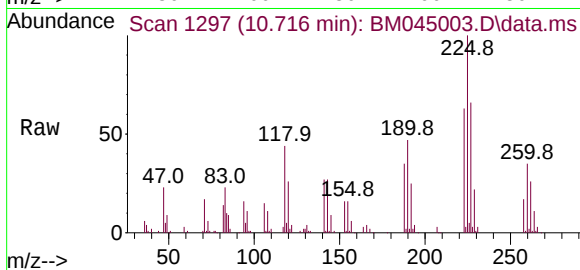
Tgt Ion:225 Resp: 69385

Ion Ratio Lower Upper

225 100

223 62.9 45.3 67.9

227 69.2 47.6 71.4



#34

Caprolactam

Concen: 17.284 ng/ul

RT: 11.380 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

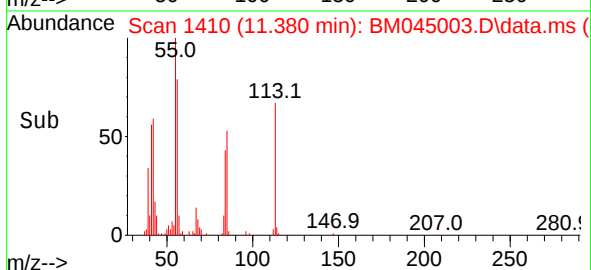
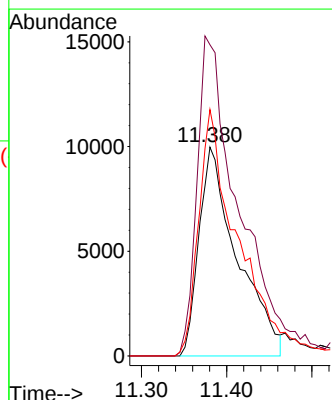
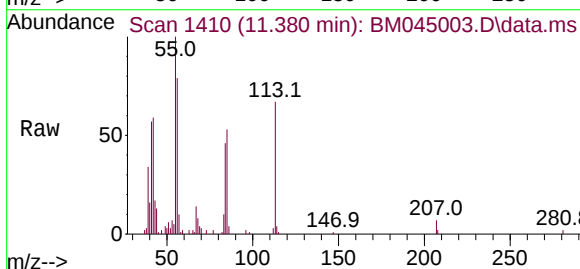
Tgt Ion:113 Resp: 31117

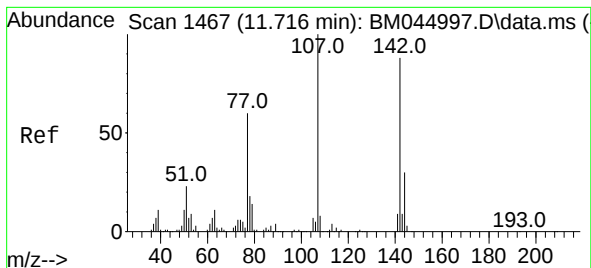
Ion Ratio Lower Upper

113 100

55 149.1 125.4 188.0

56 118.1 91.8 137.8

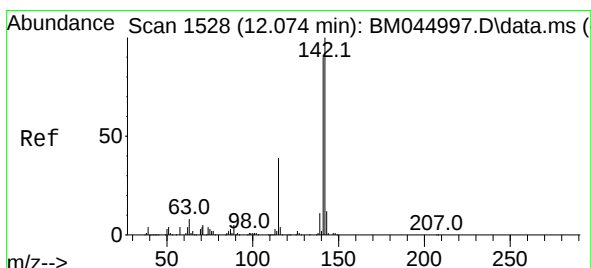
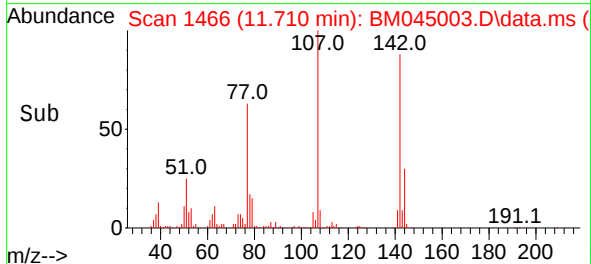
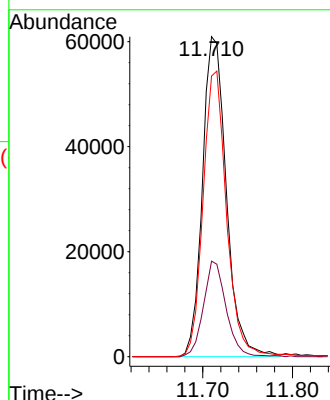
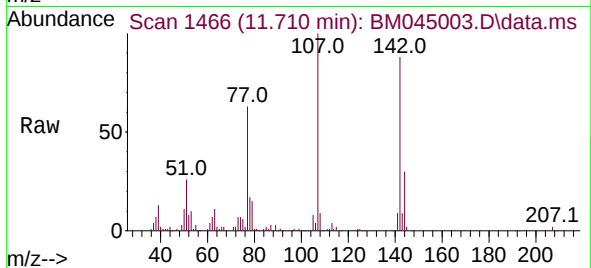




#35
4-Chloro-3-methylphenol
Concen: 21.295 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

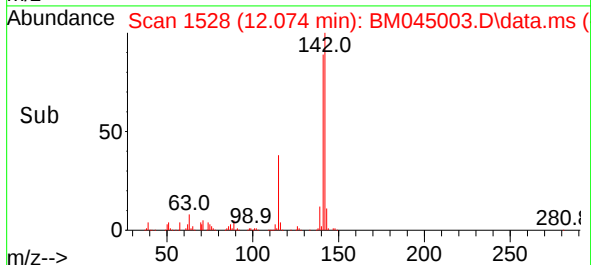
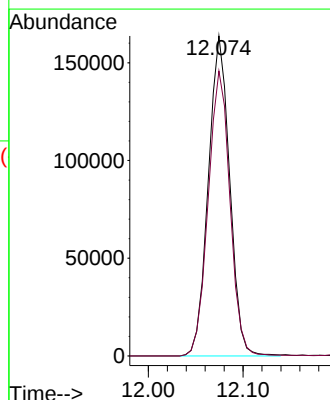
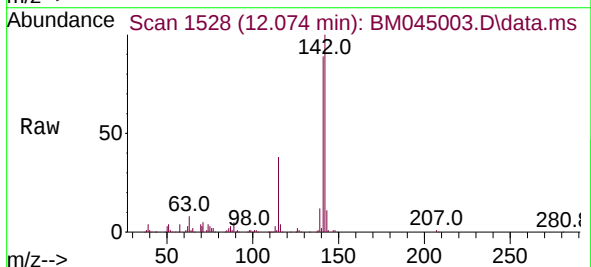
Instrument :
BNA_M
ClientSampleId :

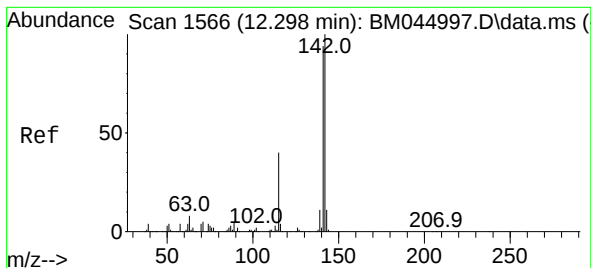
Tgt Ion:107 Resp: 112890
Ion Ratio Lower Upper
107 100
144 29.9 22.8 34.2
142 87.7 69.8 104.6



#36
2-Methylnaphthalene
Concen: 20.953 ng/ul
RT: 12.074 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion:142 Resp: 257163
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5





#37

1-Methylnaphthalene

Concen: 21.011 ng/ul

RT: 12.298 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

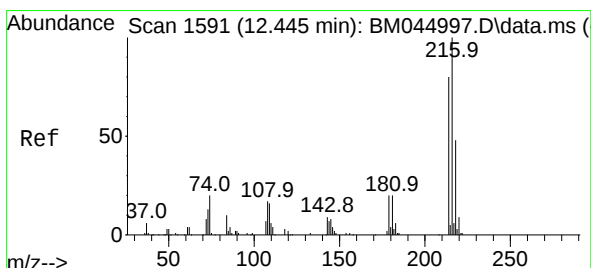
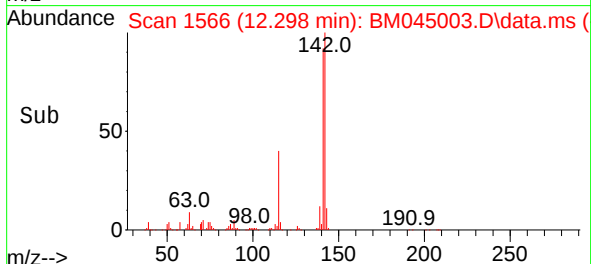
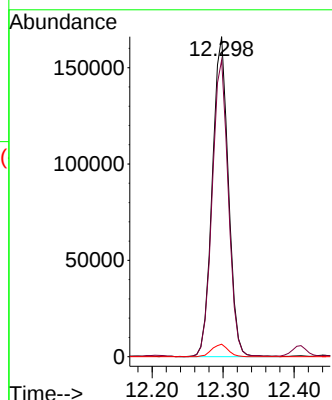
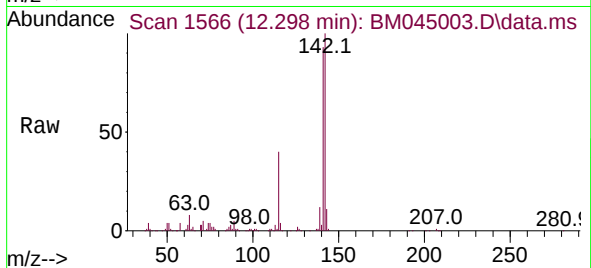
Tgt Ion:142 Resp: 260960

Ion Ratio Lower Upper

142 100

141 92.7 77.2 115.8

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.652 ng/ul

RT: 12.445 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Tgt Ion:216 Resp: 132803

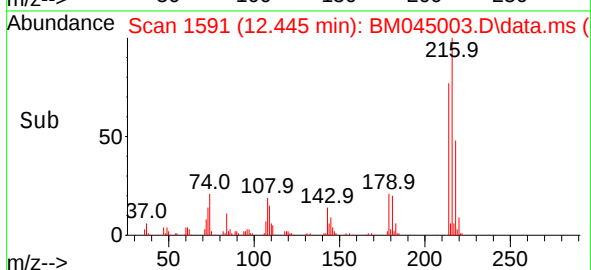
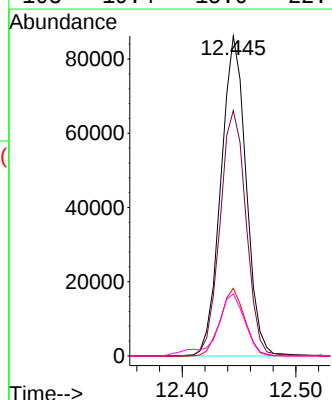
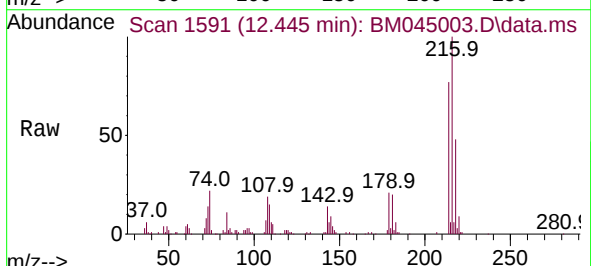
Ion Ratio Lower Upper

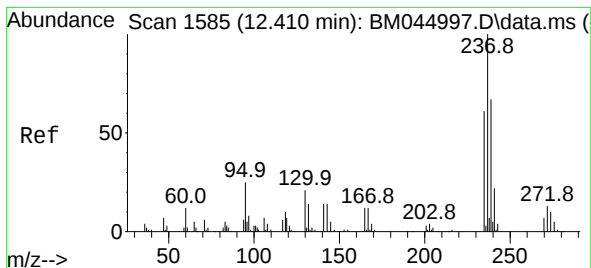
216 100

214 76.7 63.5 95.3

179 21.1 16.6 25.0

108 19.4 15.0 22.4





#40

Hexachlorocyclopentadiene

Concen: 15.911 ng/ul

RT: 12.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

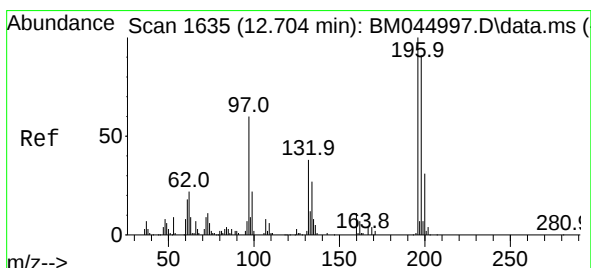
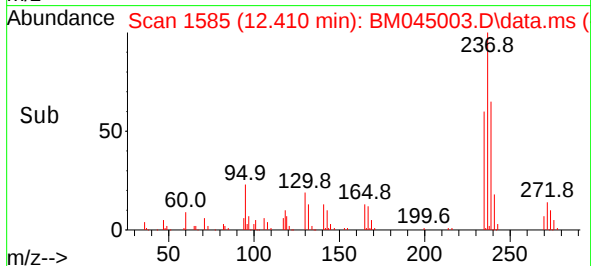
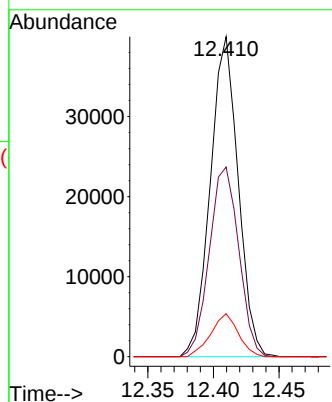
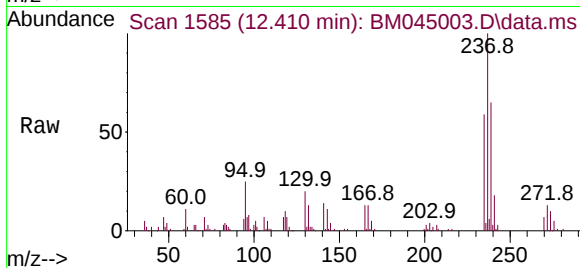
Tgt Ion:237 Resp: 59076

Ion Ratio Lower Upper

237 100

235 59.3 51.3 76.9

272 13.5 10.1 15.1



#41

2,4,6-Trichlorophenol

Concen: 22.277 ng/ul

RT: 12.698 min Scan# 1634

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

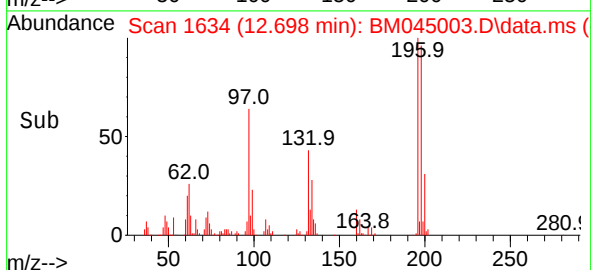
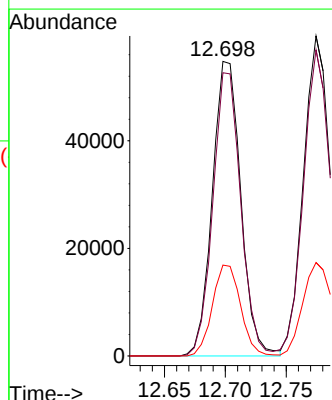
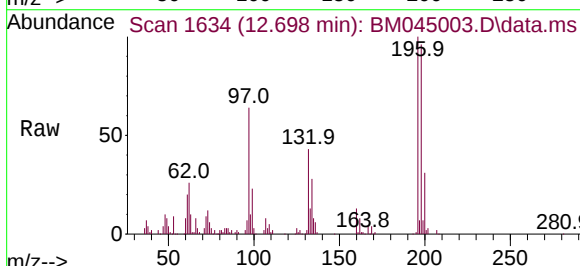
Tgt Ion:196 Resp: 89131

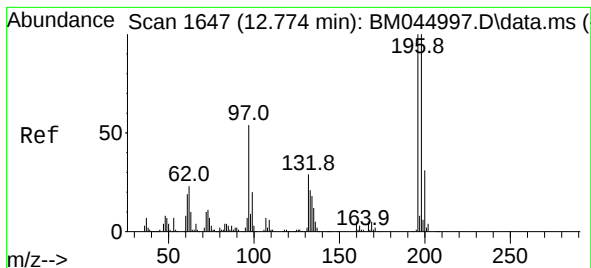
Ion Ratio Lower Upper

196 100

198 96.1 79.4 119.2

200 30.8 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 21.620 ng/ul

RT: 12.774 min Scan# 1

Delta R.T. 0.000 min

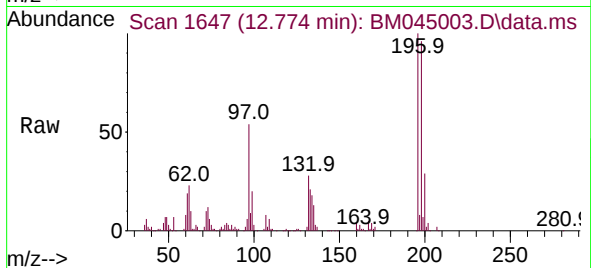
Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :



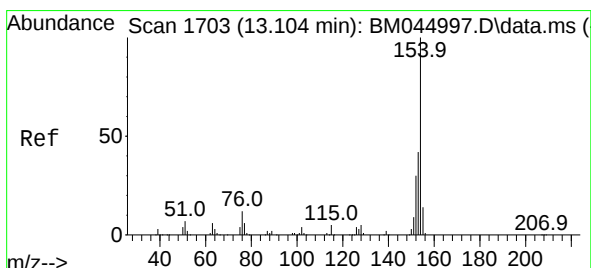
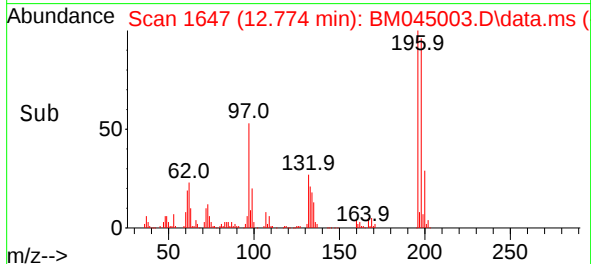
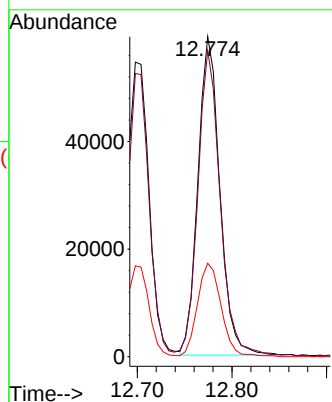
Tgt Ion:196 Resp: 95310

Ion Ratio Lower Upper

196 100

198 95.7 79.9 119.9

200 29.2 25.6 38.4



#43

1,1'-Biphenyl

Concen: 21.112 ng/ul

RT: 13.104 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

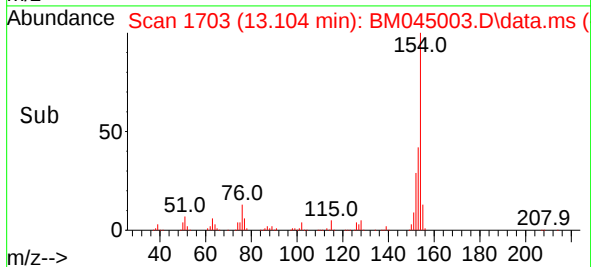
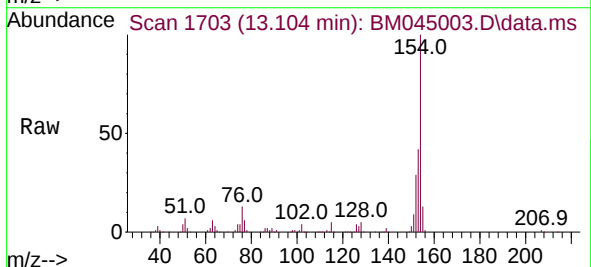
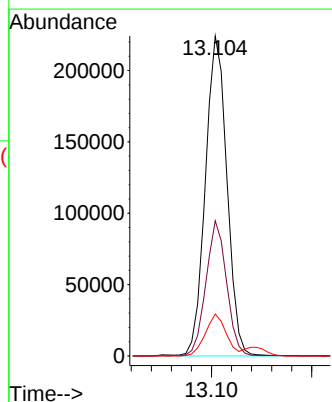
Tgt Ion:154 Resp: 334344

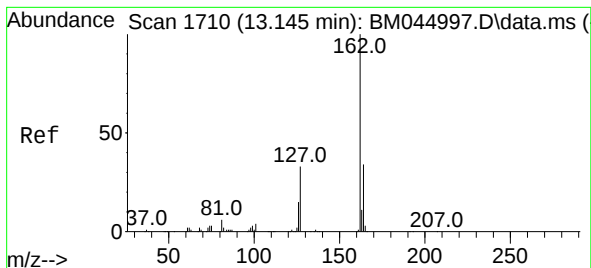
Ion Ratio Lower Upper

154 100

153 42.3 31.6 47.4

76 13.1 10.4 15.6





#44

2-Chloronaphthalene

Concen: 20.803 ng/ul

RT: 13.145 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

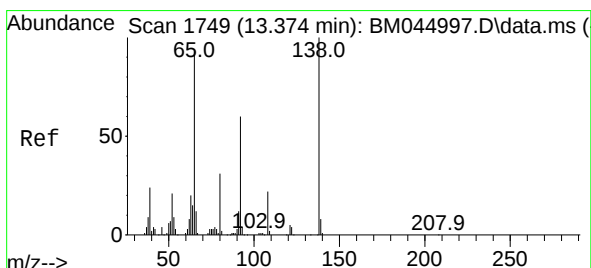
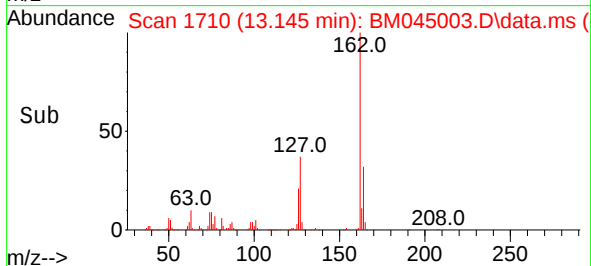
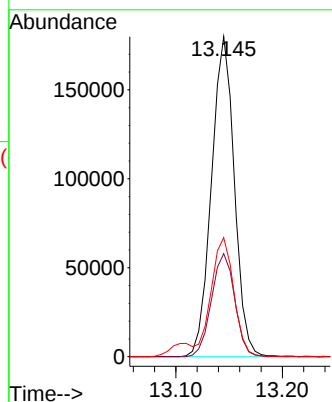
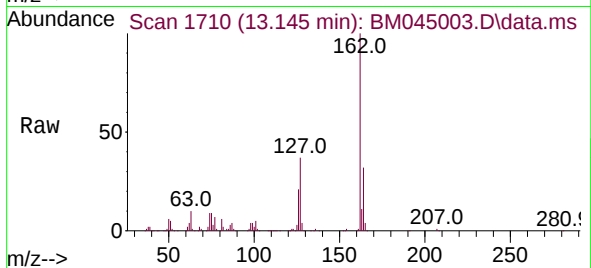
Tgt Ion:162 Resp: 267662

Ion Ratio Lower Upper

162 100

164 32.2 26.1 39.1

127 37.2 30.1 45.1



#45

2-Nitroaniline

Concen: 20.635 ng/ul

RT: 13.374 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

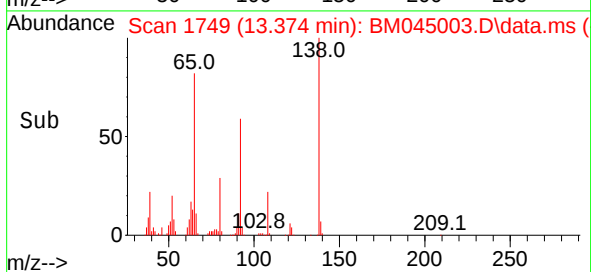
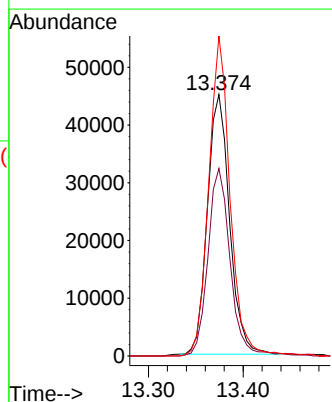
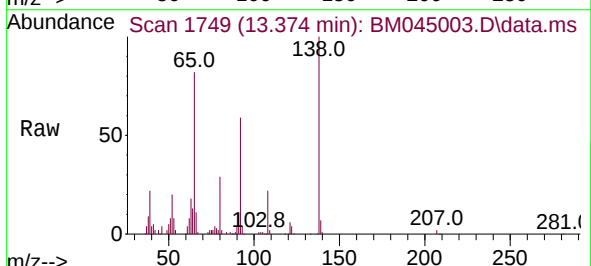
Tgt Ion: 65 Resp: 73291

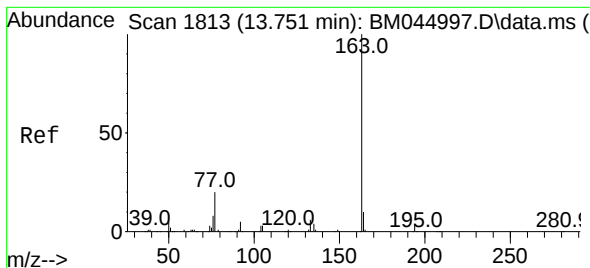
Ion Ratio Lower Upper

65 100

92 71.8 55.2 82.8

138 122.4 93.0 139.4





#47

Dimethylphthalate

Concen: 19.807 ng/ul

RT: 13.751 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

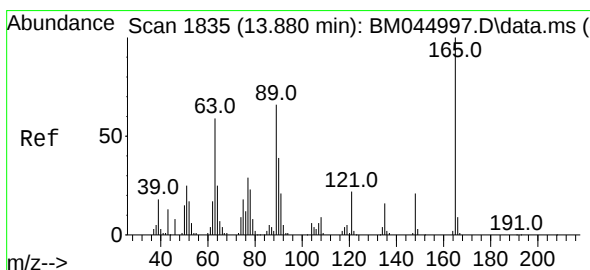
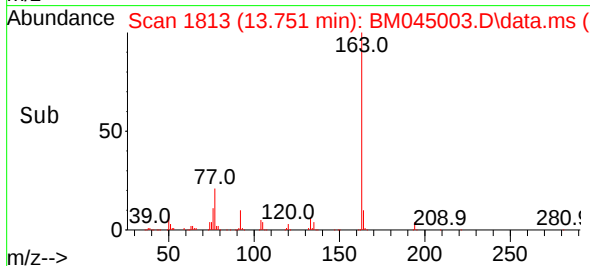
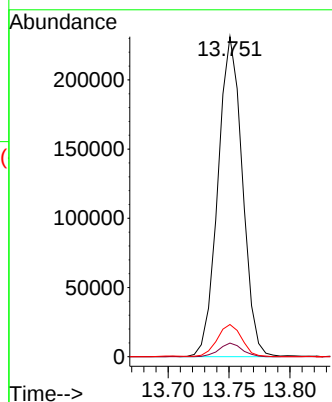
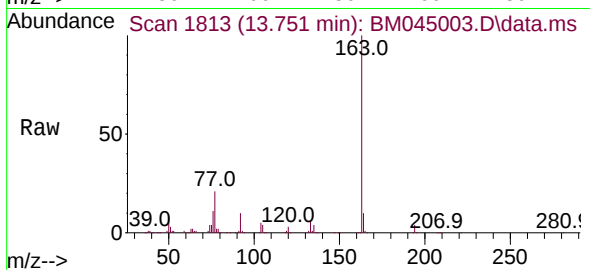
Tgt Ion:163 Resp: 323280

Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

164 10.1 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 20.319 ng/ul

RT: 13.880 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

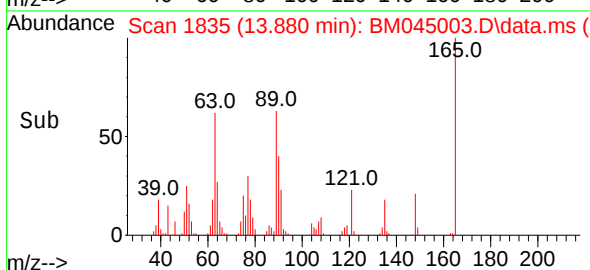
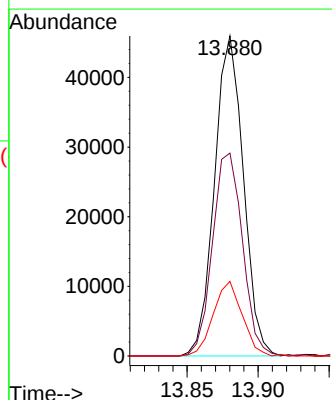
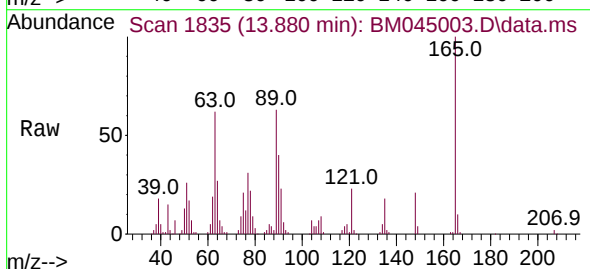
Tgt Ion:165 Resp: 65004

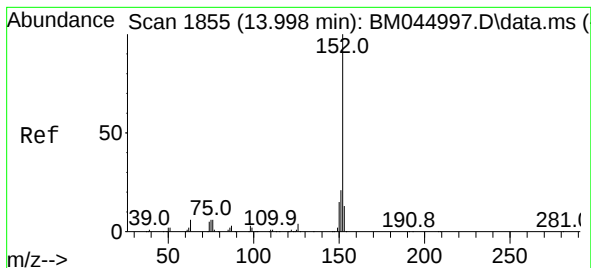
Ion Ratio Lower Upper

165 100

89 63.4 45.0 67.4

121 23.3 18.0 27.0





#50

Acenaphthylene

Concen: 20.774 ng/ul

RT: 13.998 min Scan# 1855

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

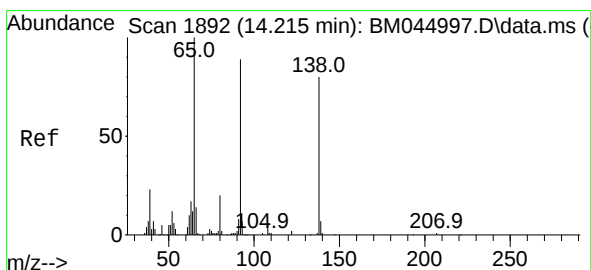
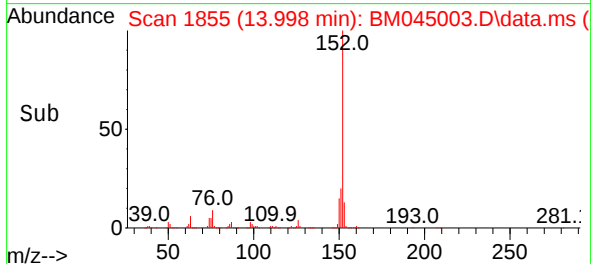
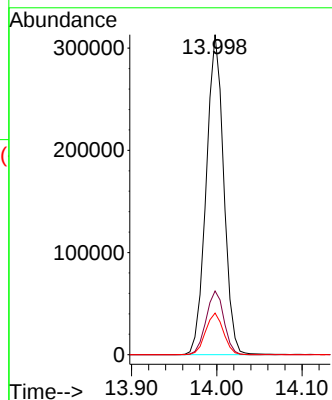
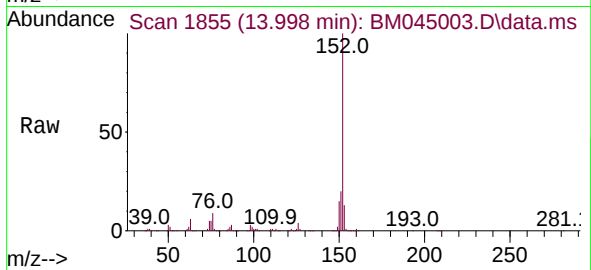
Tgt Ion:152 Resp: 447592

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.0 10.2 15.2



#51

3-Nitroaniline

Concen: 20.495 ng/ul

RT: 14.210 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

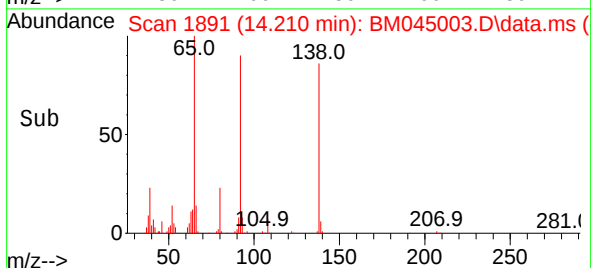
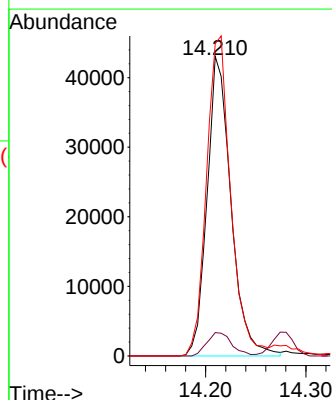
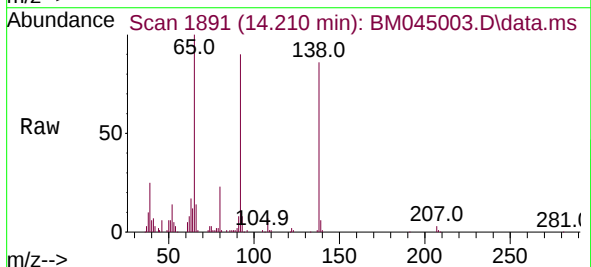
Tgt Ion:138 Resp: 71518

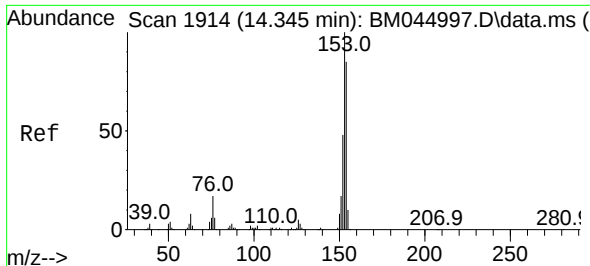
Ion Ratio Lower Upper

138 100

108 7.8 6.5 9.7

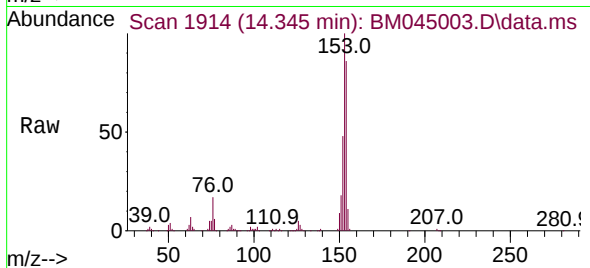
92 104.3 81.4 122.0



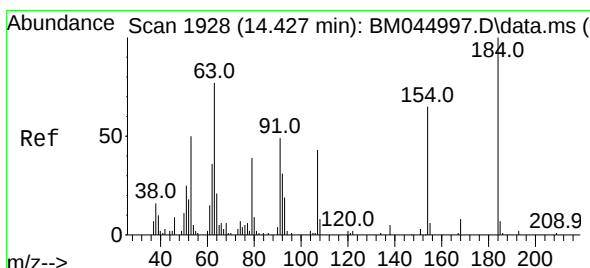
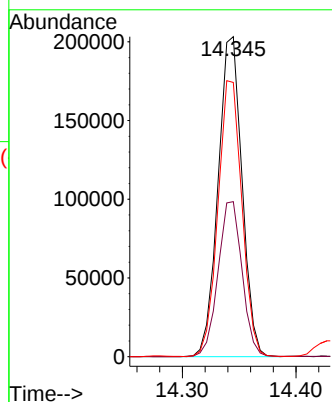
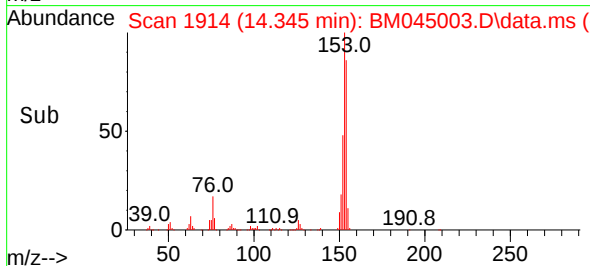


#52
Acenaphthene
Concen: 20.711 ng/ul
RT: 14.345 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Instrument :
BNA_M
ClientSampleId :

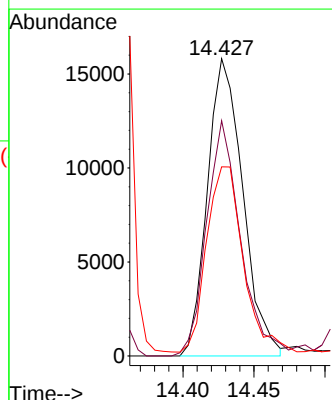
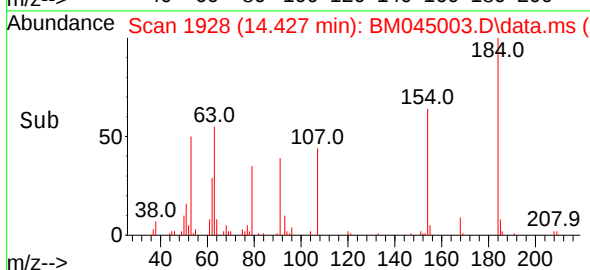
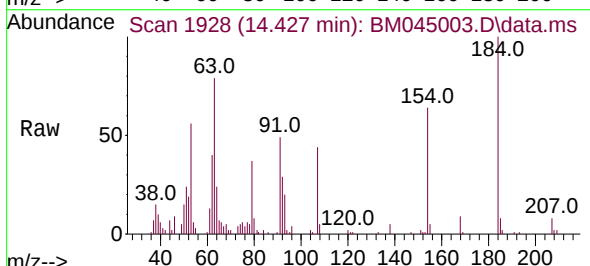


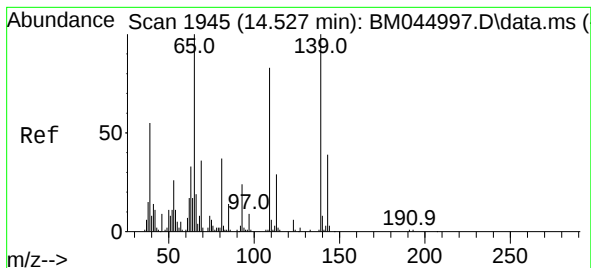
Tgt Ion:153 Resp: 297763
Ion Ratio Lower Upper
153 100
152 48.5 38.6 58.0
154 85.7 69.4 104.2



#53
2,4-Dinitrophenol
Concen: 14.452 ng/ul
RT: 14.427 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion:184 Resp: 27488
Ion Ratio Lower Upper
184 100
63 79.1 56.9 85.3
154 63.6 50.3 75.5

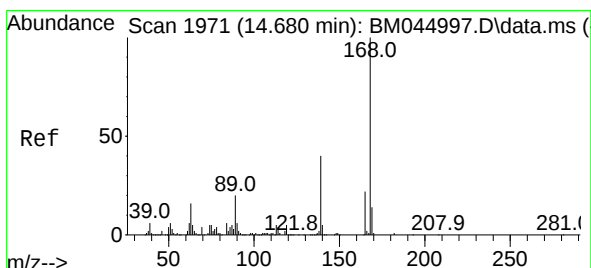
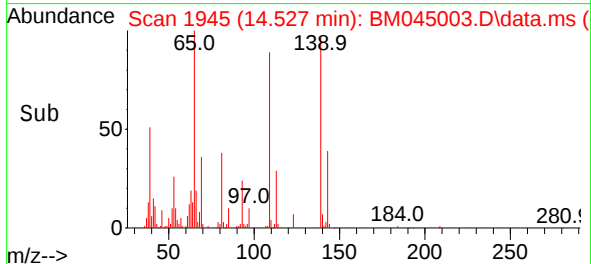
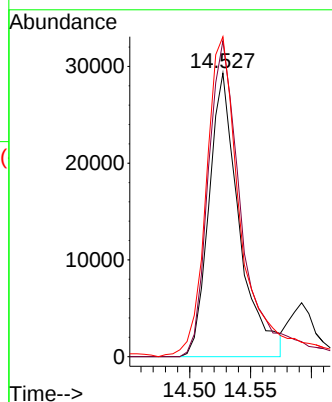
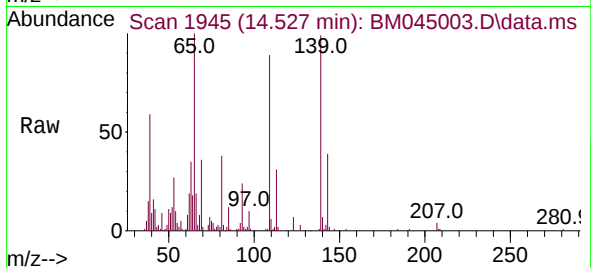




#55
4-Nitrophenol
Concen: 17.691 ng/ul
RT: 14.527 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

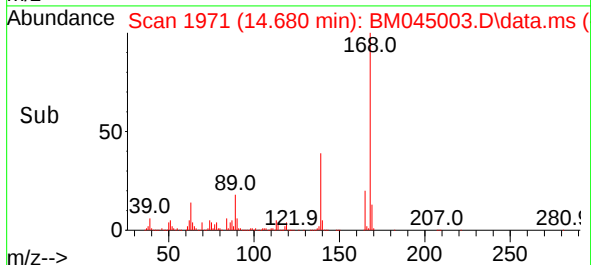
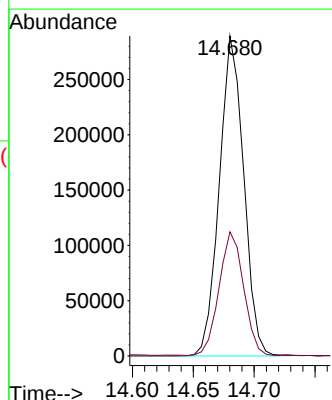
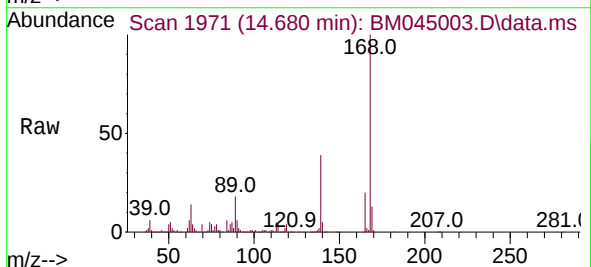
Instrument :
BNA_M
ClientSampleId :

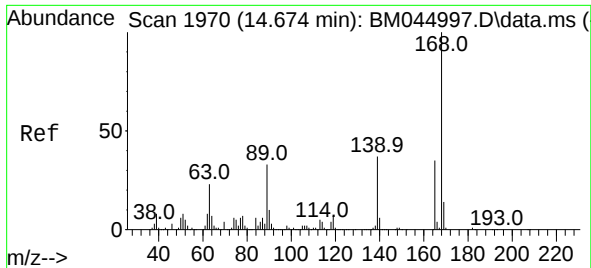
Tgt Ion:109 Resp: 50705
Ion Ratio Lower Upper
109 100
139 111.4 107.7 161.5
65 112.9 96.3 144.5



#56
Dibenzofuran
Concen: 20.495 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion:168 Resp: 403211
Ion Ratio Lower Upper
168 100
139 38.8 30.6 46.0

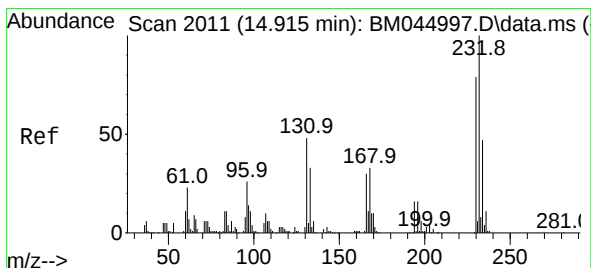
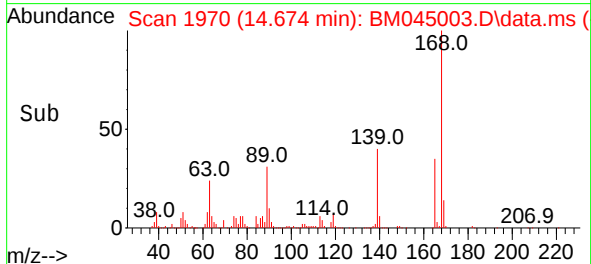
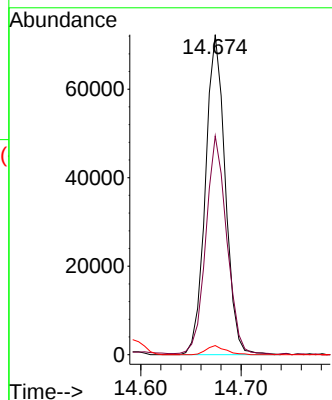
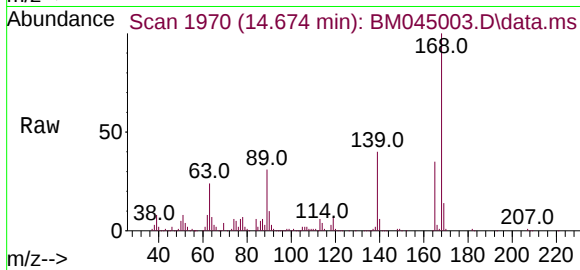




#57
2,4-Dinitrotoluene
Concen: 20.784 ng/ul
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

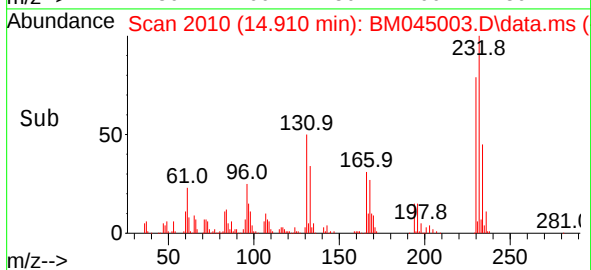
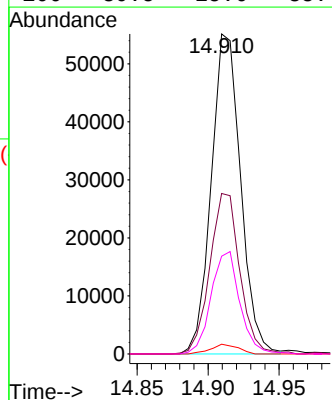
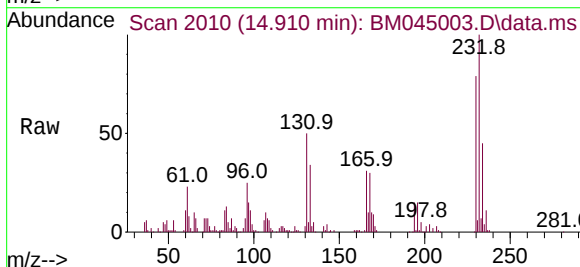
Instrument :
BNA_M
ClientSampleId :

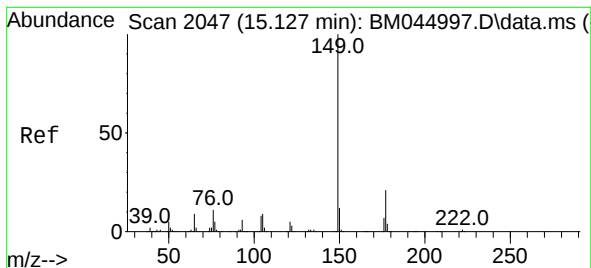
Tgt Ion:165 Resp: 99529
Ion Ratio Lower Upper
165 100
63 68.4 52.0 78.0
182 2.9 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.015 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion:232 Resp: 79289
Ion Ratio Lower Upper
232 100
131 50.2 43.4 65.0
130 3.1 2.6 4.0
166 30.5 25.6 38.4





#59

Diethylphthalate

Concen: 19.932 ng/ul

RT: 15.121 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

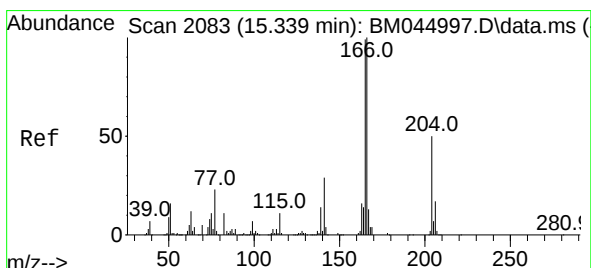
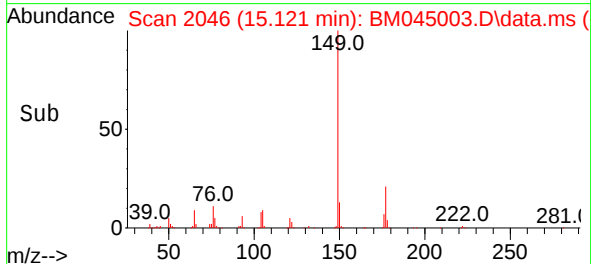
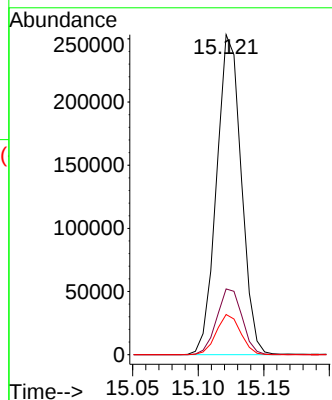
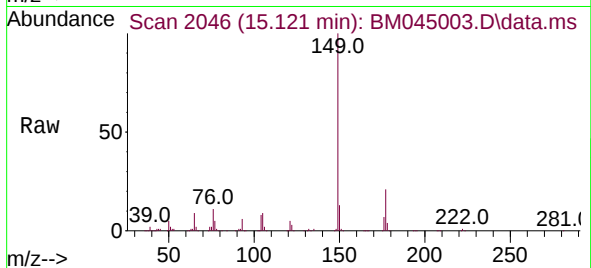
Tgt Ion:149 Resp: 331893

Ion Ratio Lower Upper

149 100

177 20.6 16.4 24.6

150 12.5 10.3 15.5



#61

Fluorene

Concen: 20.073 ng/ul

RT: 15.333 min Scan# 2082

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

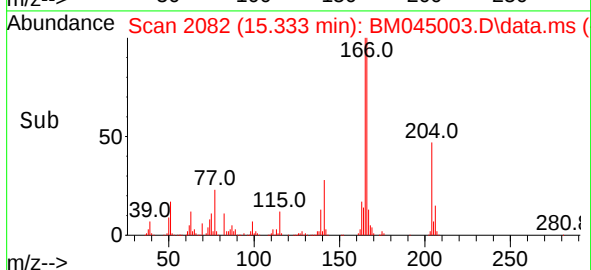
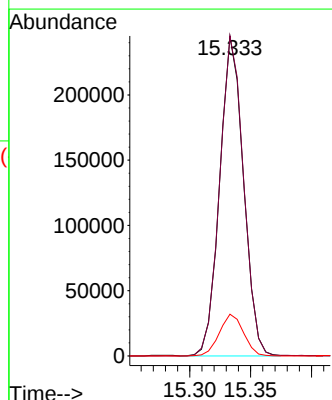
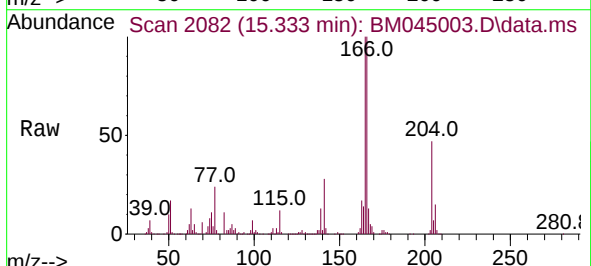
Tgt Ion:166 Resp: 332853

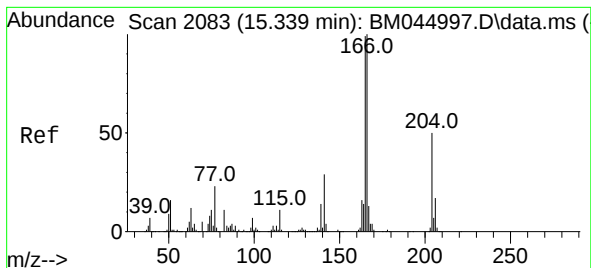
Ion Ratio Lower Upper

166 100

165 100.2 80.5 120.7

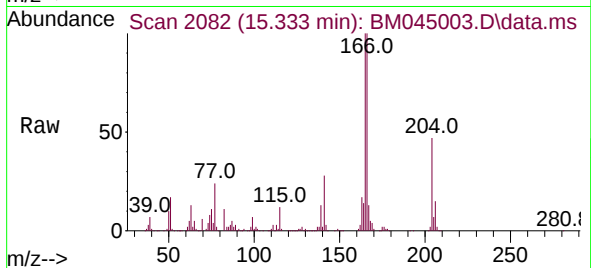
167 13.1 11.0 16.6



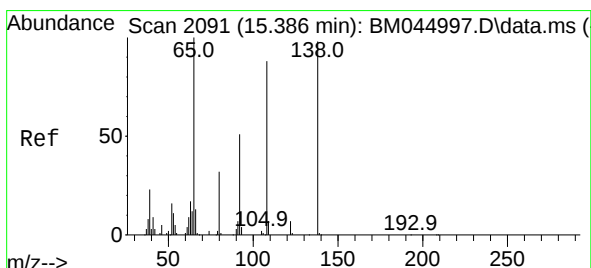
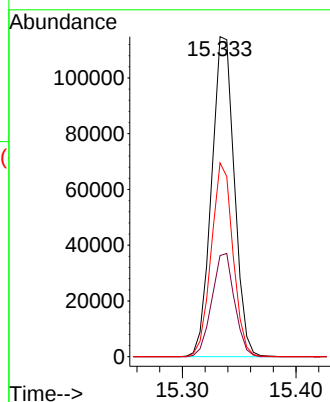
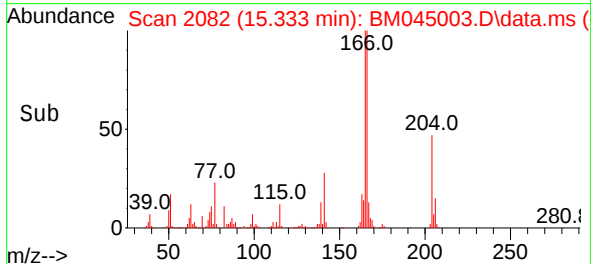


#62
4-Chlorophenyl-phenylether
Concen: 20.570 ng/ul
RT: 15.333 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Instrument :
BNA_M
ClientSampleId :

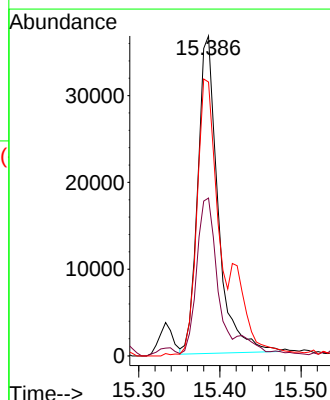
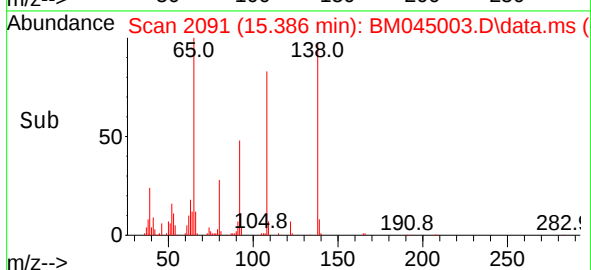
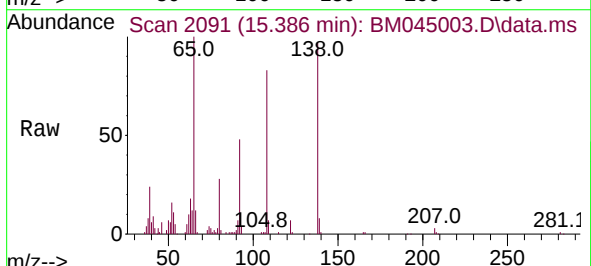


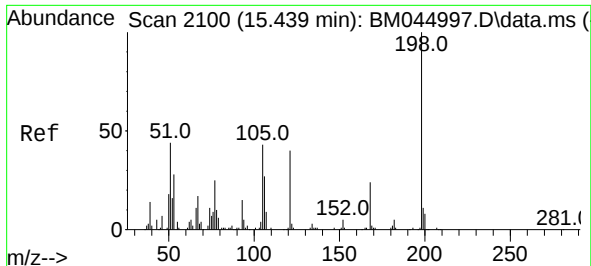
Tgt Ion:204 Resp: 159873
Ion Ratio Lower Upper
204 100
206 31.6 24.9 37.3
141 60.6 46.2 69.2



#63
4-Nitroaniline
Concen: 20.087 ng/ul
RT: 15.386 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion:138 Resp: 63728
Ion Ratio Lower Upper
138 100
92 49.3 39.8 59.6
108 85.6 66.4 99.6

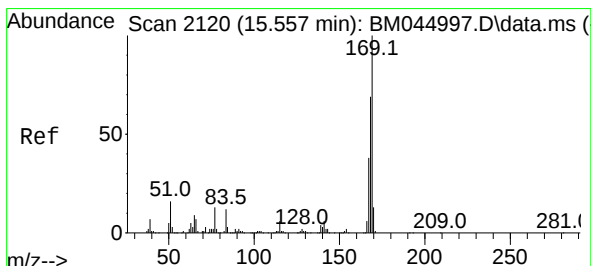
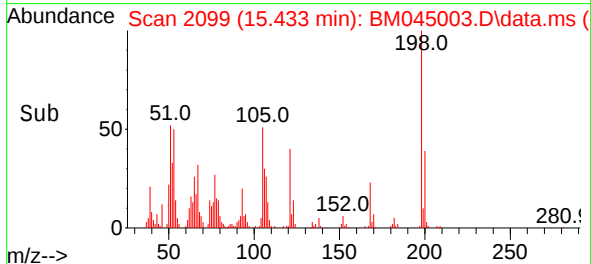
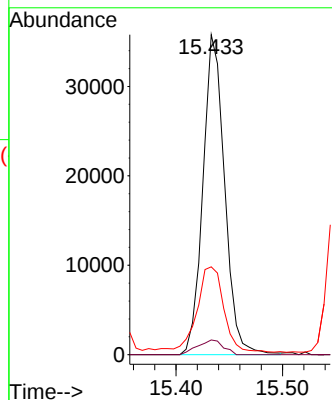
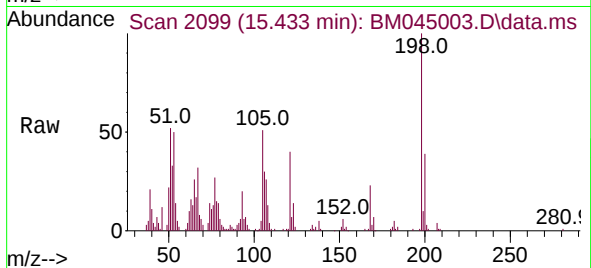




#66
4,6-Dinitro-2-methylphenol
Concen: 17.470 ng/ul
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

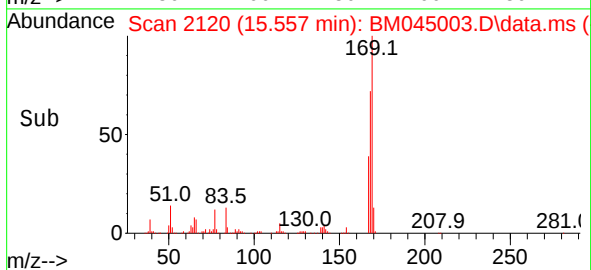
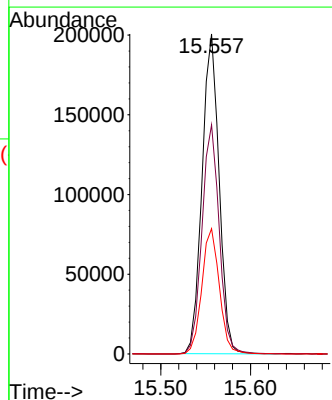
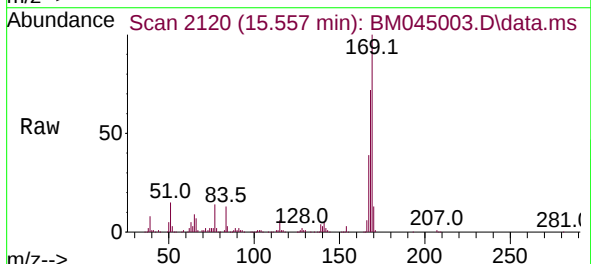
Instrument :
BNA_M
ClientSampleId :

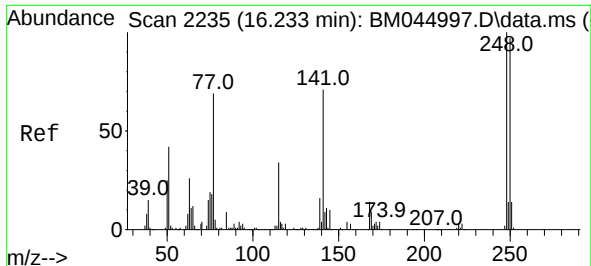
Tgt Ion:198 Resp: 50745
Ion Ratio Lower Upper
198 100
182 4.6 3.8 5.6
77 27.5 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 21.434 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion:169 Resp: 264503
Ion Ratio Lower Upper
169 100
168 71.6 56.7 85.1
167 39.1 31.2 46.8





#68

4-Bromophenyl-phenylether

Concen: 22.013 ng/ul

RT: 16.233 min Scan# 2235

Delta R.T. 0.000 min

Lab File: BM045003.D

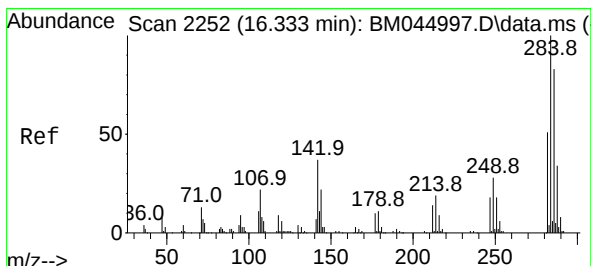
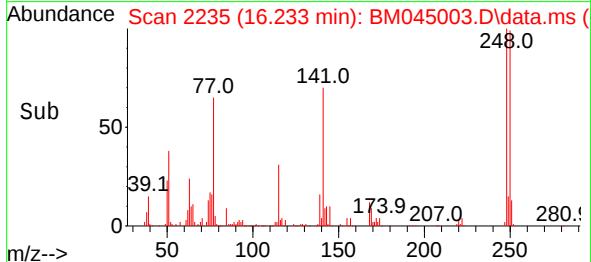
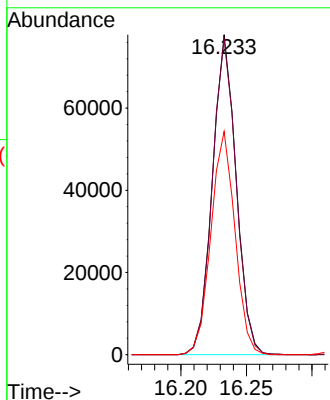
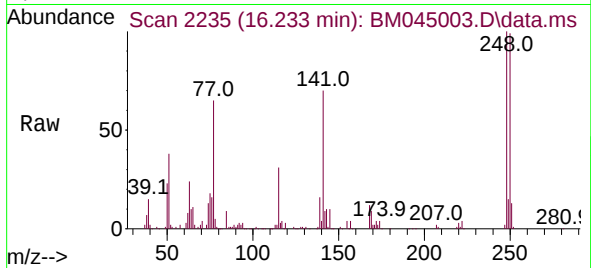
Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:248	Resp:	98076
Ion Ratio	Lower	Upper
248	100	
250	98.6	81.0 121.6
141	69.7	55.1 82.7



#69

Hexachlorobenzene

Concen: 21.461 ng/ul

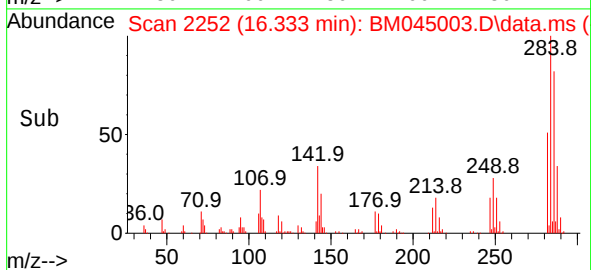
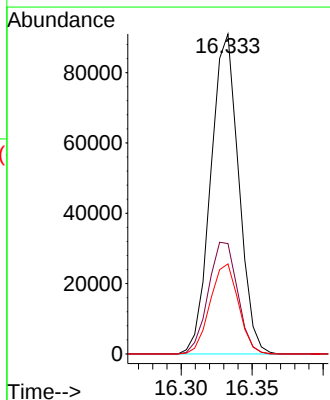
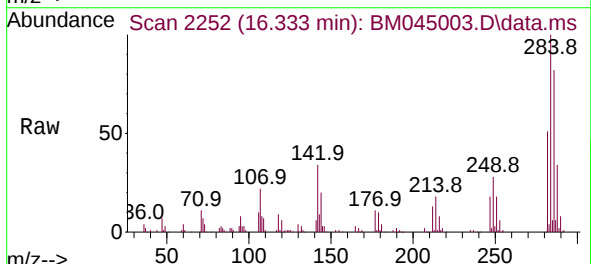
RT: 16.333 min Scan# 2252

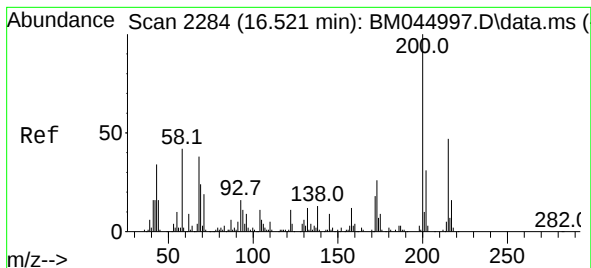
Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Tgt Ion:284	Resp:	124380
Ion Ratio	Lower	Upper
284	100	
142	34.5	27.3 40.9
249	28.2	23.6 35.4





#70

Atrazine

Concen: 20.346 ng/ul

RT: 16.521 min Scan# 21

Delta R.T. 0.000 min

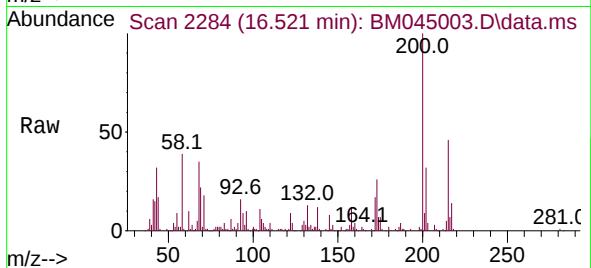
Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :



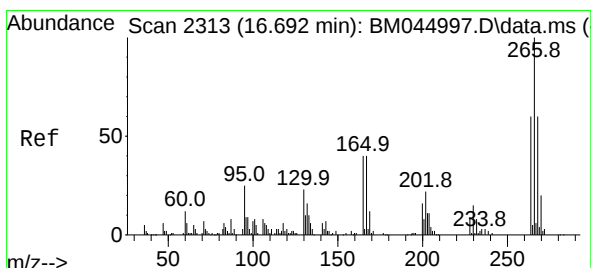
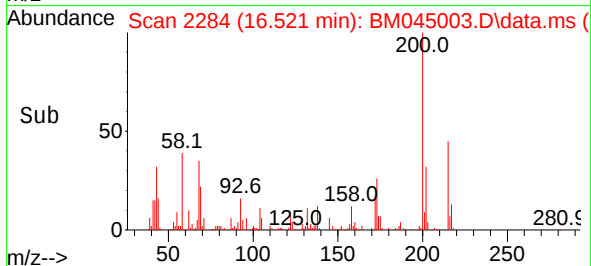
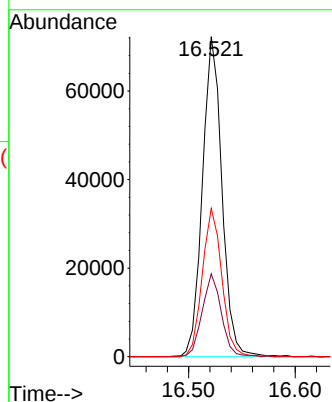
Tgt Ion:200 Resp: 92357

Ion Ratio Lower Upper

200 100

173 25.9 20.3 30.5

215 46.4 37.9 56.9



#71

Pentachlorophenol

Concen: 19.443 ng/ul

RT: 16.686 min Scan# 2312

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

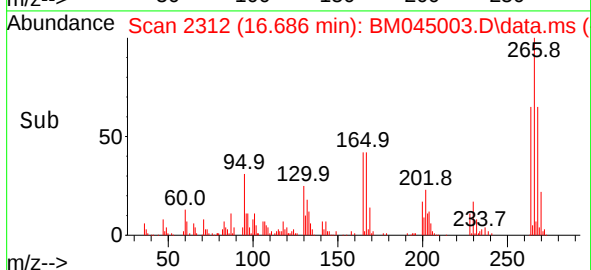
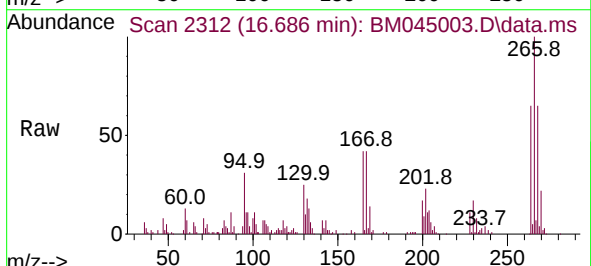
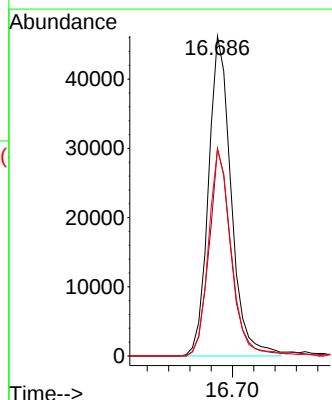
Tgt Ion:266 Resp: 68447

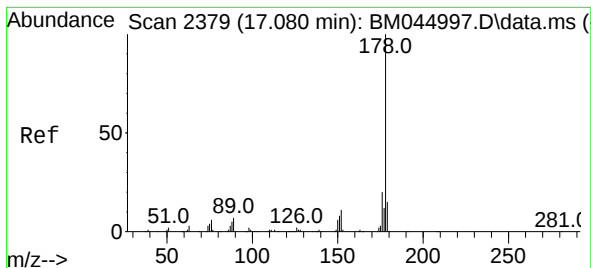
Ion Ratio Lower Upper

266 100

264 64.8 49.3 73.9

268 64.5 53.3 79.9

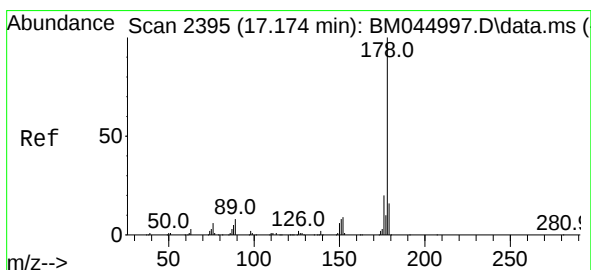
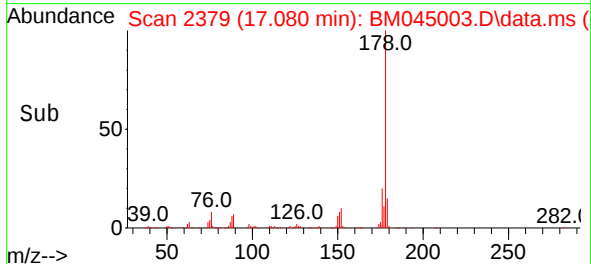
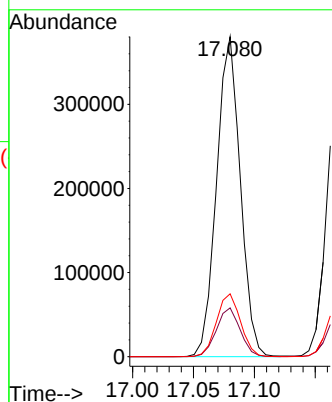
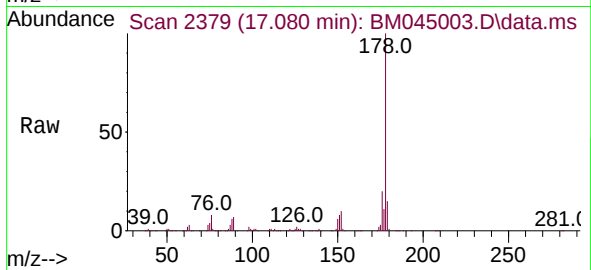




#72
Phenanthrene
Concen: 20.954 ng/ul
RT: 17.080 min Scan# 2379
Delta R.T. 0.000 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

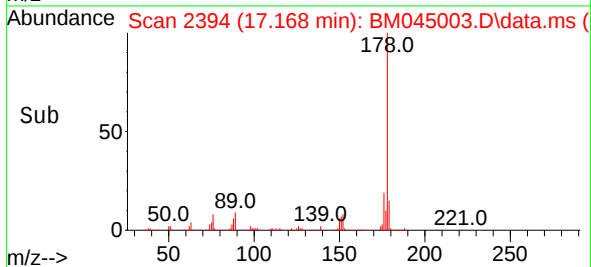
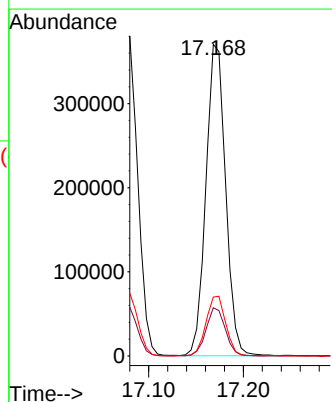
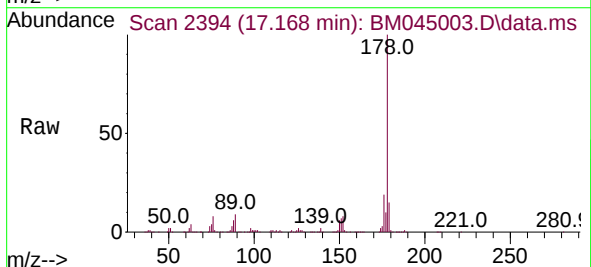
Instrument :
BNA_M
ClientSampleId :

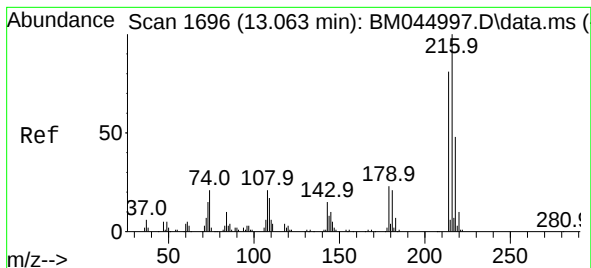
Tgt Ion:178 Resp: 515835
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 19.6 15.4 23.2



#74
Anthracene
Concen: 21.305 ng/ul
RT: 17.168 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BM045003.D
Acq: 07 Apr 2024 12:23

Tgt Ion:178 Resp: 536497
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.9 15.8 23.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.893 ng/uL

RT: 13.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

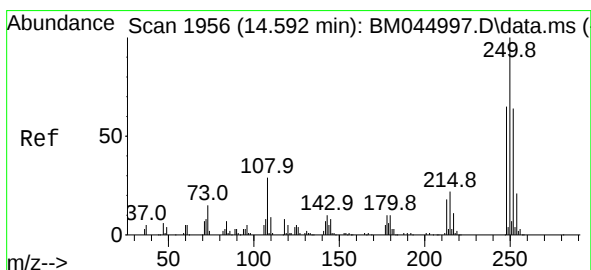
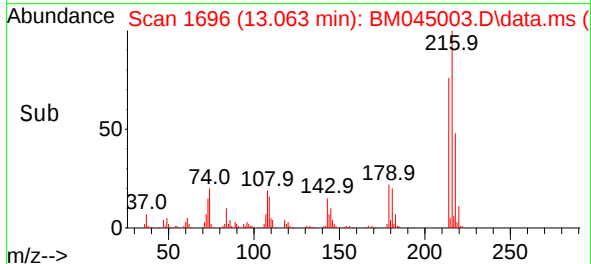
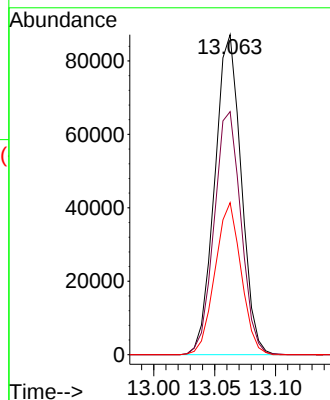
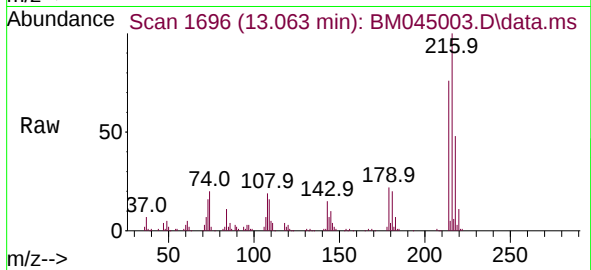
Tgt Ion:216 Resp: 131992

Ion Ratio Lower Upper

216 100

214 75.9 64.1 96.1

218 47.5 38.6 58.0



#76

Pentachlorobenzene

Concen: 22.278 ng/uL

RT: 14.592 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

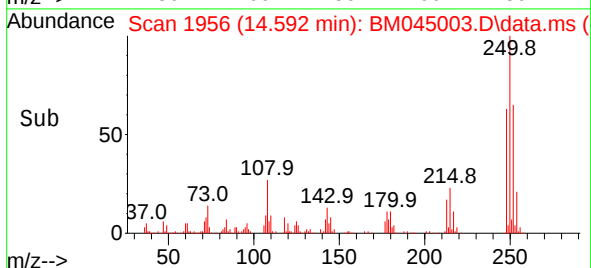
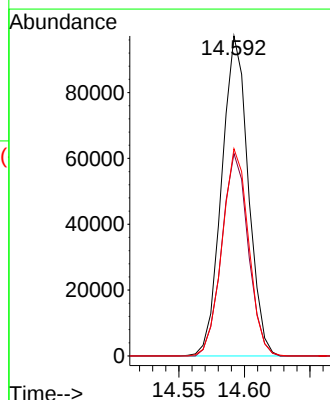
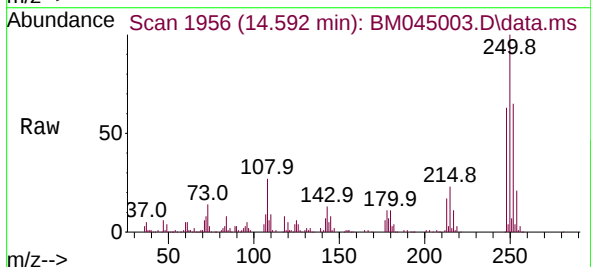
Tgt Ion:250 Resp: 136665

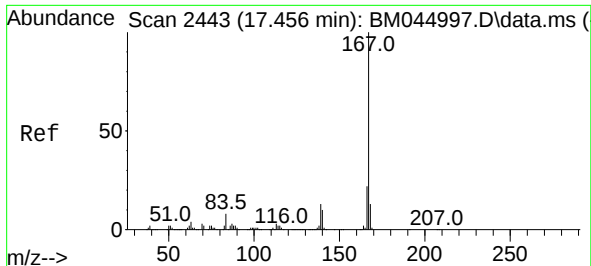
Ion Ratio Lower Upper

250 100

248 63.2 49.8 74.6

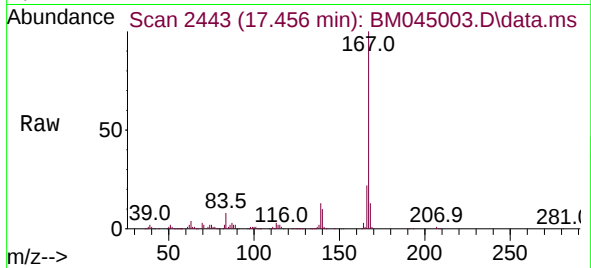
252 64.8 49.4 74.2





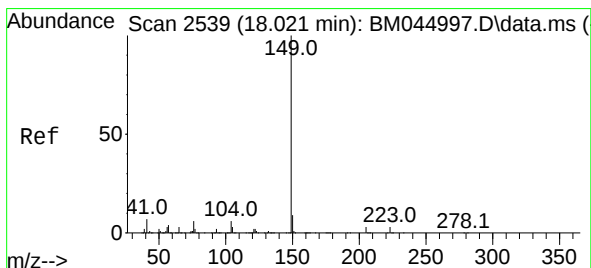
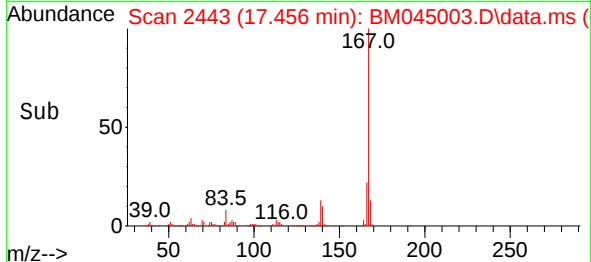
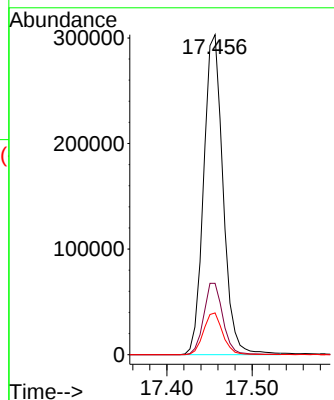
#77
 Carbazole
 Concen: 19.747 ng/ul
 RT: 17.456 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BM045003.D
 Acq: 07 Apr 2024 12:23

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:167 Resp: 479484

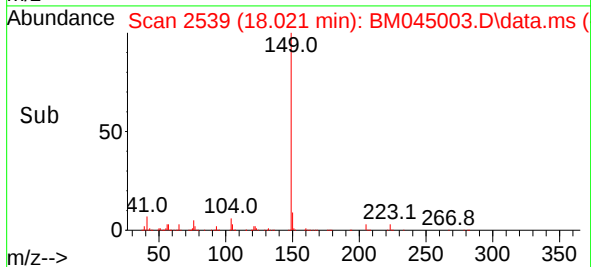
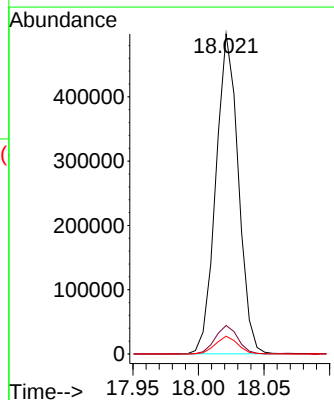
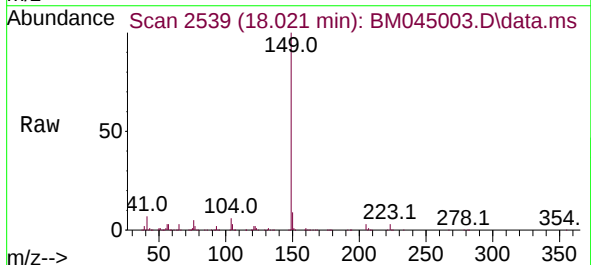
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.3	25.9
139	13.0	10.7	16.1

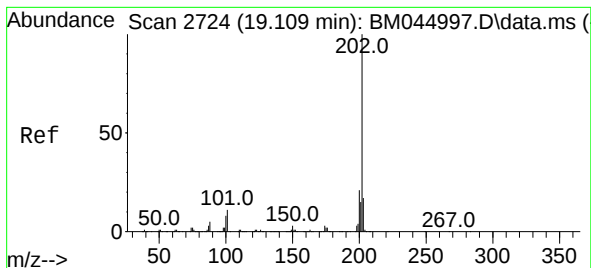


#78
 Di-n-butylphthalate
 Concen: 21.656 ng/ul
 RT: 18.021 min Scan# 2539
 Delta R.T. 0.000 min
 Lab File: BM045003.D
 Acq: 07 Apr 2024 12:23

Tgt Ion:149 Resp: 593014

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.6	4.3	6.5





#80

Fluoranthene

Concen: 22.501 ng/ul

RT: 19.103 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

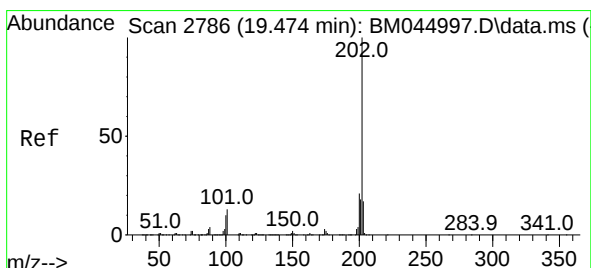
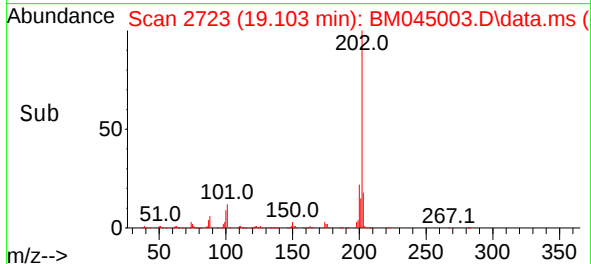
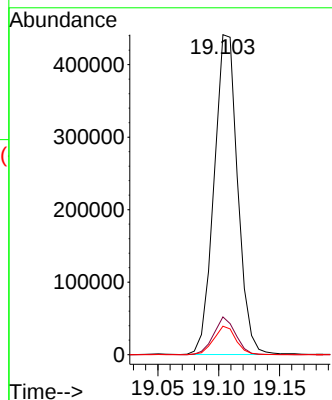
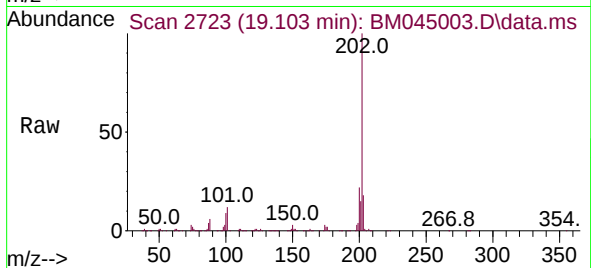
Tgt Ion:202 Resp: 593738

Ion Ratio Lower Upper

202 100

101 11.8 8.7 13.1

100 8.9 6.3 9.5



#82

Pyrene

Concen: 22.376 ng/ul

RT: 19.474 min Scan# 2786

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

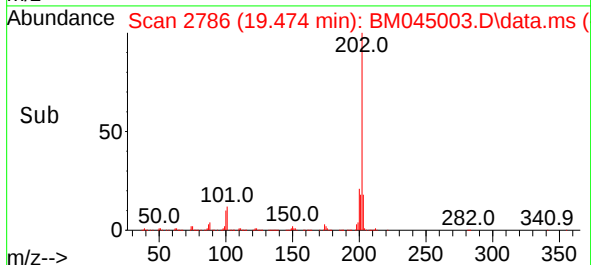
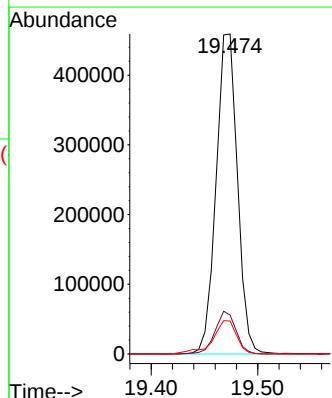
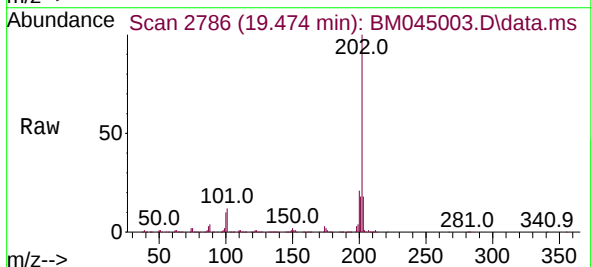
Tgt Ion:202 Resp: 637152

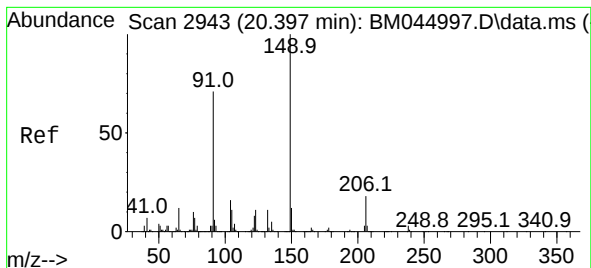
Ion Ratio Lower Upper

202 100

101 12.1 10.2 15.4

100 10.3 8.5 12.7





#83

Butylbenzylphthalate

Concen: 22.833 ng/ul

RT: 20.392 min Scan# 2942

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

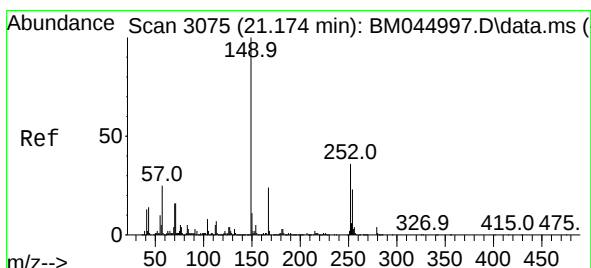
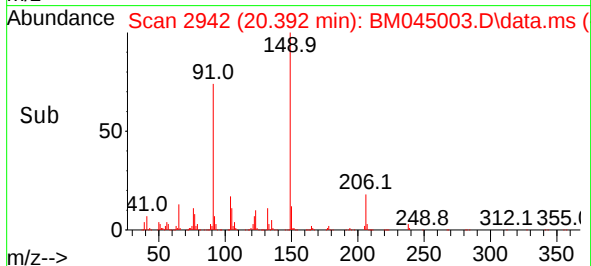
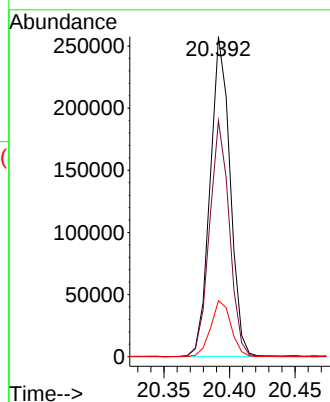
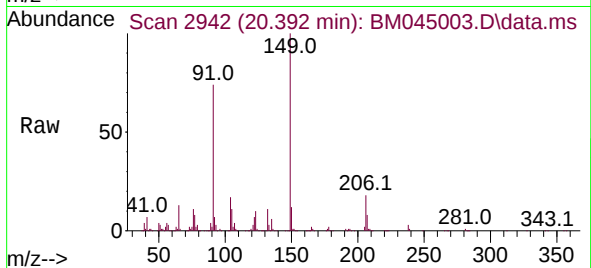
Tgt Ion:149 Resp: 272398

Ion Ratio Lower Upper

149 100

91 73.8 56.2 84.4

206 17.5 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 19.991 ng/ul

RT: 21.174 min Scan# 3075

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

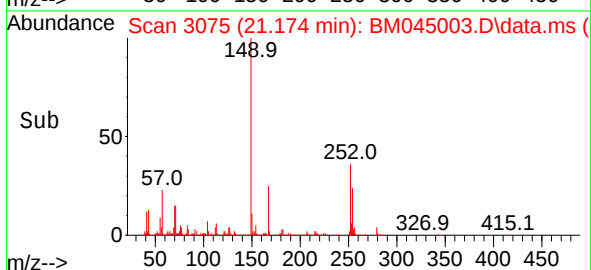
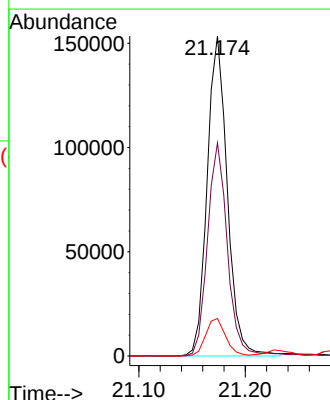
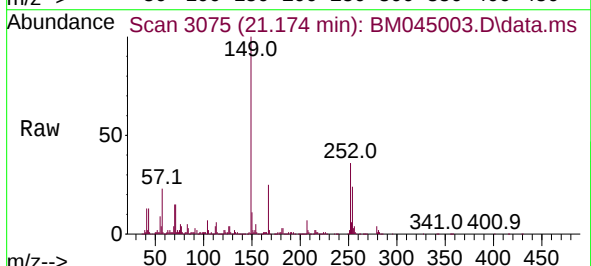
Tgt Ion:252 Resp: 201958

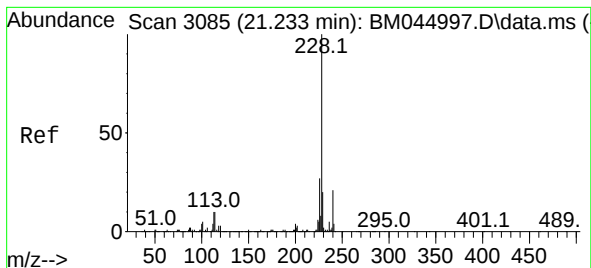
Ion Ratio Lower Upper

252 100

254 66.6 53.9 80.9

126 11.7 9.0 13.4





#85

Benzo(a)anthracene

Concen: 21.023 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

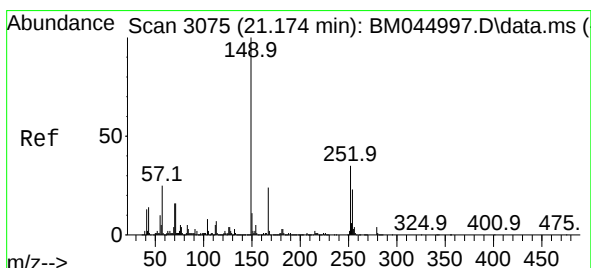
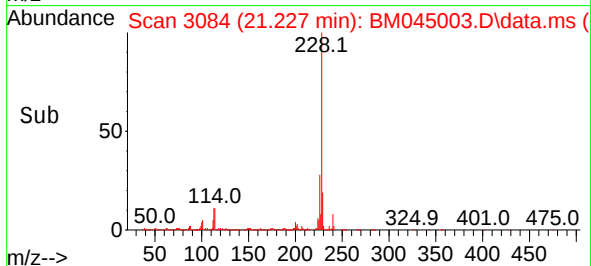
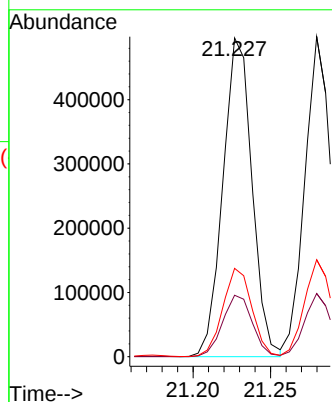
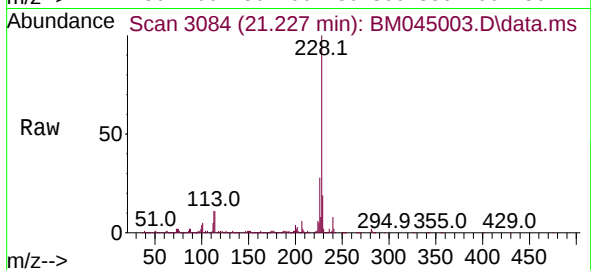
Tgt Ion:228 Resp: 648110

Ion Ratio Lower Upper

228 100

229 19.3 15.5 23.3

226 27.7 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 23.241 ng/ul

RT: 21.174 min Scan# 3075

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

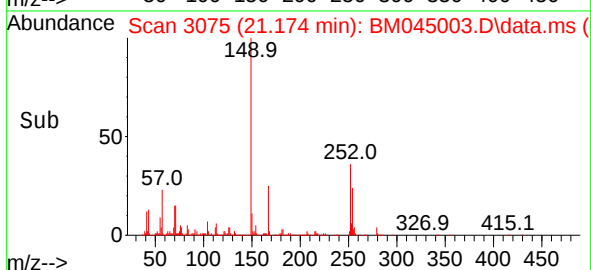
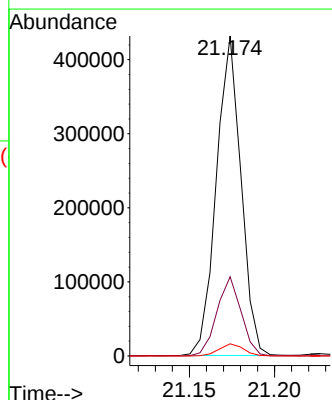
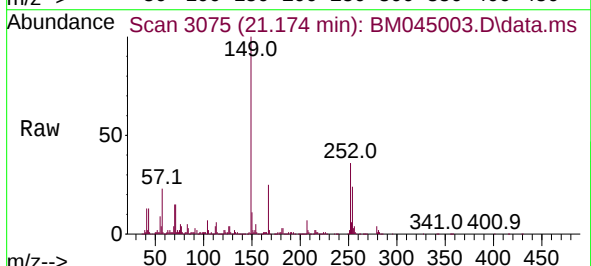
Tgt Ion:149 Resp: 433404

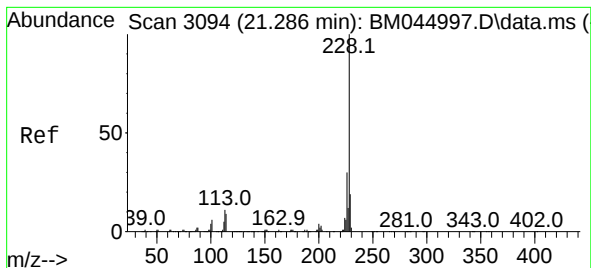
Ion Ratio Lower Upper

149 100

167 24.8 19.7 29.5

279 3.8 3.3 4.9





#87

Chrysene

Concen: 20.612 ng/ul

RT: 21.280 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

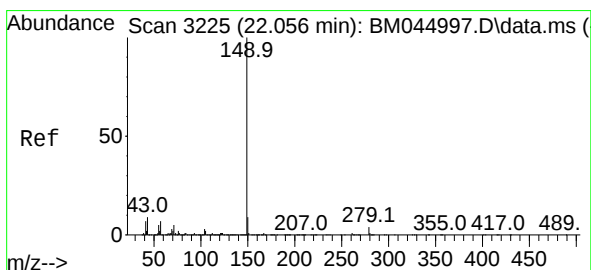
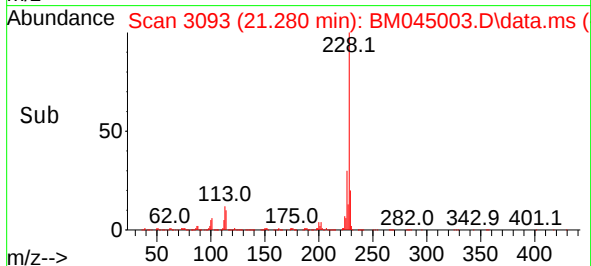
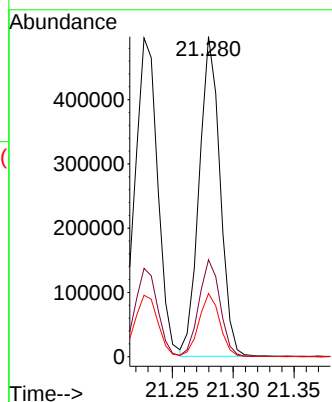
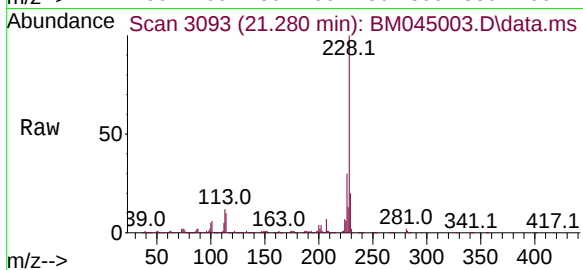
Tgt Ion:228 Resp: 592369

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.8 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 21.513 ng/ul

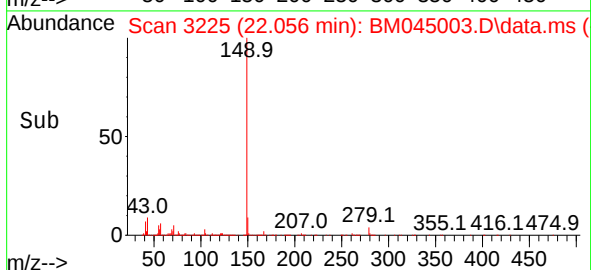
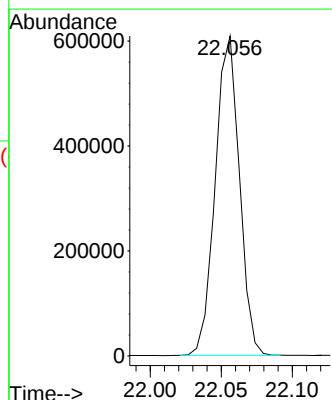
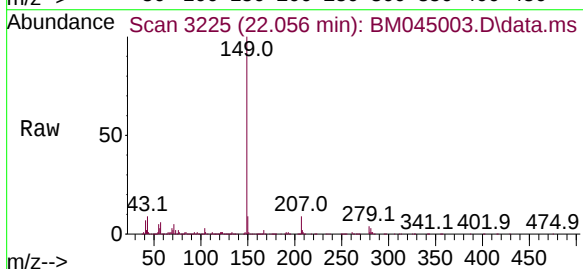
RT: 22.056 min Scan# 3225

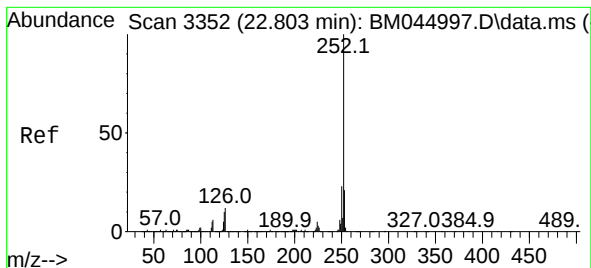
Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Tgt Ion:149 Resp: 719294





#90

Benzo(b)fluoranthene

Concen: 21.592 ng/ul

RT: 22.797 min Scan# 3351

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

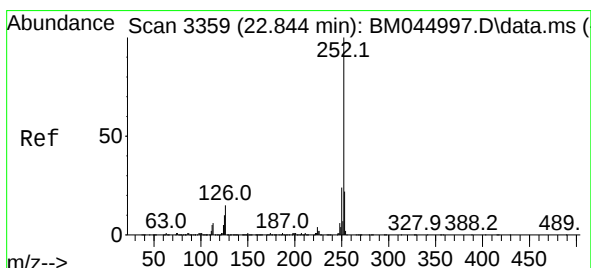
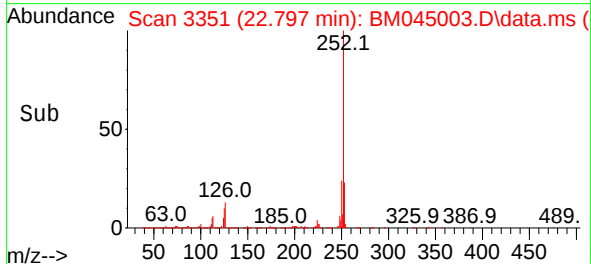
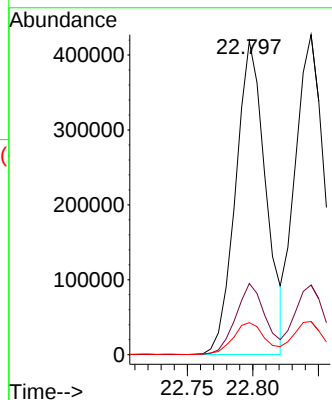
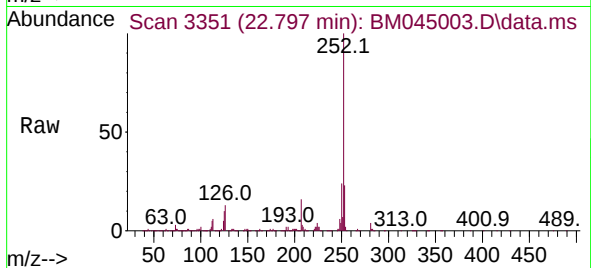
Tgt Ion:252 Resp: 668775

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 10.2 8.2 12.4



#91

Benzo(k)fluoranthene

Concen: 21.231 ng/ul

RT: 22.844 min Scan# 3359

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

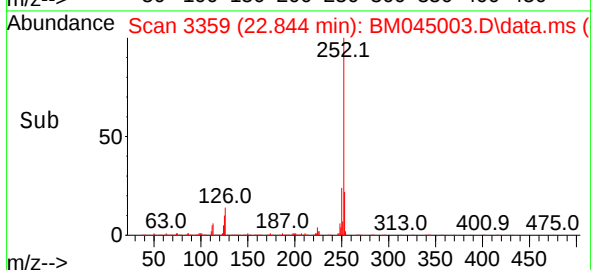
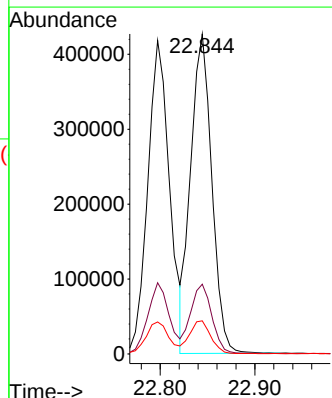
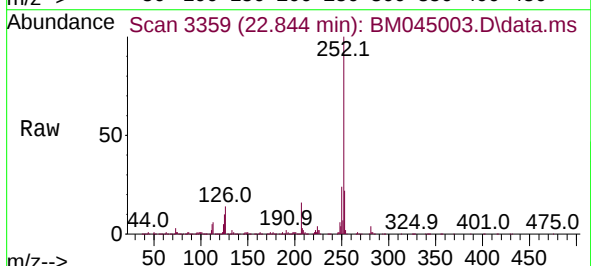
Tgt Ion:252 Resp: 661862

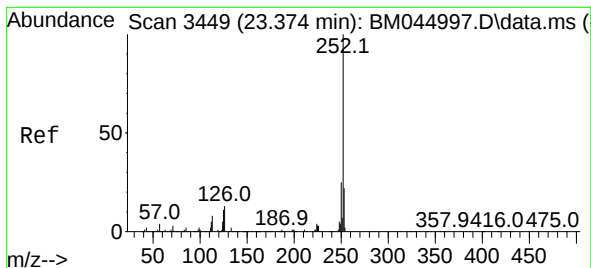
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.4 8.5 12.7





#93

Benzo(a)pyrene

Concen: 21.319 ng/ul

RT: 23.368 min Scan# 3449

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

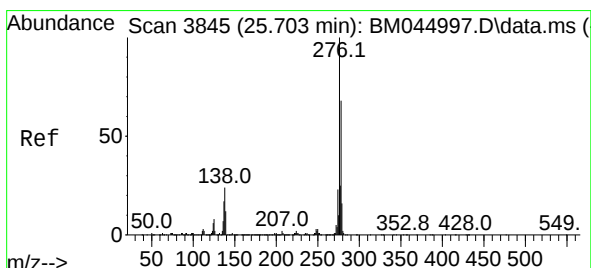
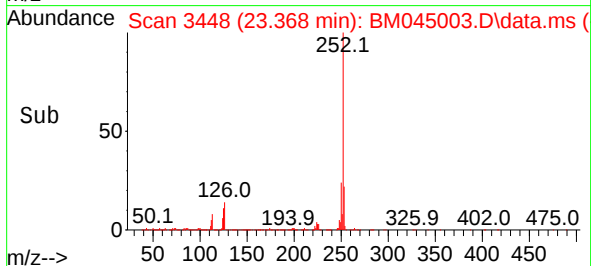
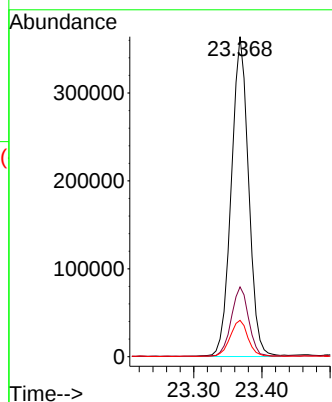
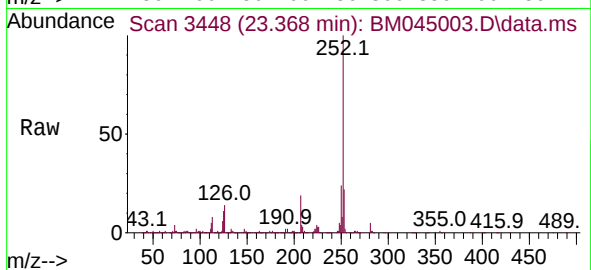
Tgt Ion:252 Resp: 642639

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.4 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.793 ng/ul

RT: 25.697 min Scan# 3844

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

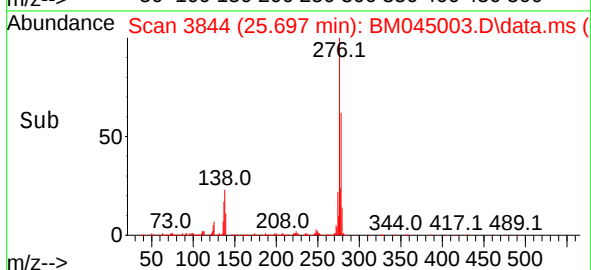
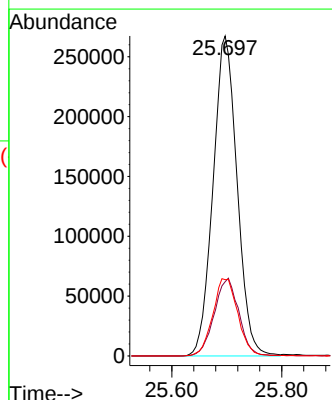
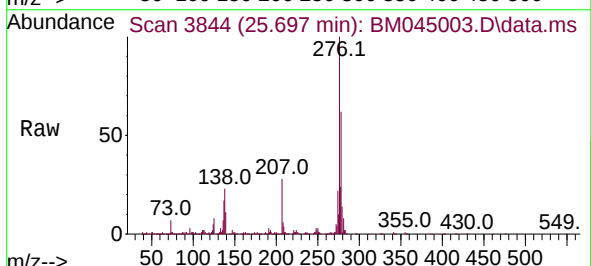
Tgt Ion:276 Resp: 811898

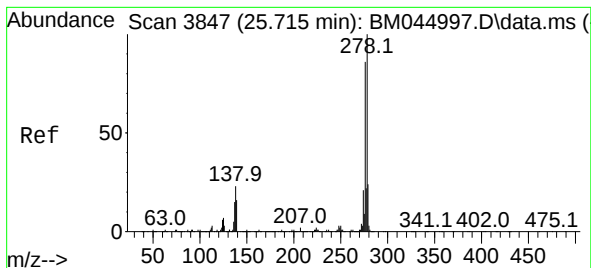
Ion Ratio Lower Upper

276 100

138 23.2 19.0 28.6

277 23.9 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 20.786 ng/ul

RT: 25.715 min Scan# 3847

Delta R.T. 0.000 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Instrument :

BNA_M

ClientSampleId :

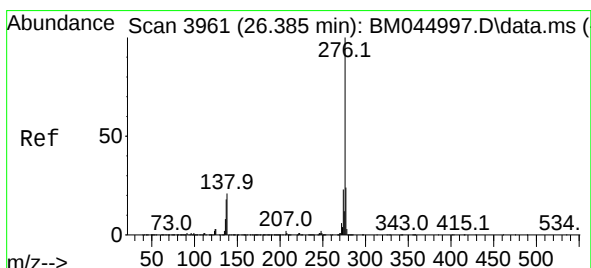
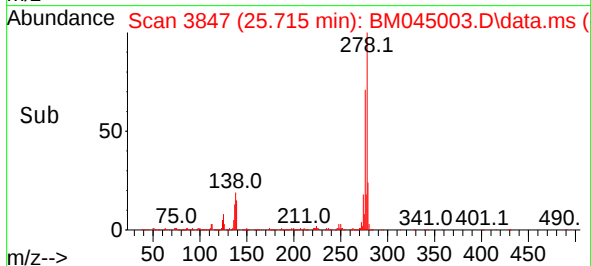
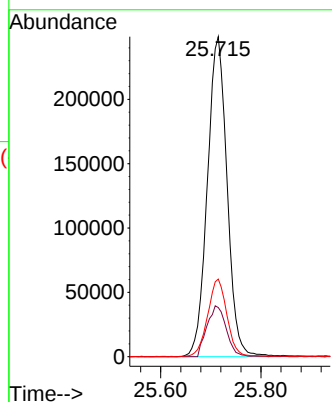
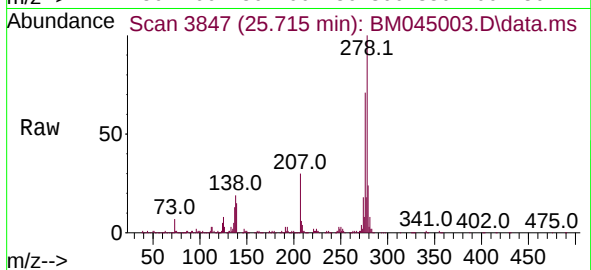
Tgt Ion:278 Resp: 678587

Ion Ratio Lower Upper

278 100

139 15.4 11.9 17.9

279 24.2 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 20.816 ng/ul

RT: 26.379 min Scan# 3960

Delta R.T. -0.006 min

Lab File: BM045003.D

Acq: 07 Apr 2024 12:23

Tgt Ion:276 Resp: 641226

Ion Ratio Lower Upper

276 100

138 20.2 17.8 26.6

277 23.5 18.7 28.1

