

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032824\
 Data File : BM044799.D
 Acq On : 28 Mar 2024 18:36
 Operator : MA/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 29 00:44:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 00:38:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	89057	20.000	ng	0.00
21) Naphthalene-d8	10.457	136	343326	20.000	ng	0.00
39) Acenaphthene-d10	14.321	164	184251	20.000	ng	0.00
64) Phenanthrene-d10	17.080	188	322874	20.000	ng	0.00
76) Chrysene-d12	21.274	240	234994	20.000	ng	0.00
86) Perylene-d12	23.515	264	290378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	61617	9.934	ng	0.00
7) Phenol-d6	6.857	99	75180	9.421	ng	0.00
23) Nitrobenzene-d5	8.839	82	70896	9.948	ng	0.00
42) 2,4,6-Tribromophenol	15.821	330	18988	9.343	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	141234	10.557	ng	0.00
79) Terphenyl-d14	19.721	244	136918	10.192	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	12428	4.767	ng	98
3) Pyridine	3.675	79	30620	4.247	ng	97
4) n-Nitrosodimethylamine	3.587	42	18309	6.337	ng	# 98
6) Aniline	7.022	93	43897	4.645	ng	99
8) 2-Chlorophenol	7.245	128	30385	4.918	ng	95
9) Benzaldehyde	6.840	77	22323	5.341	ng	97
10) Phenol	6.881	94	37075	4.652	ng	97
11) bis(2-Chloroethyl)ether	7.122	93	30068	4.621	ng	96
12) 1,3-Dichlorobenzene	7.563	146	32342	4.869	ng	99
13) 1,4-Dichlorobenzene	7.716	146	33422	4.992	ng	97
14) 1,2-Dichlorobenzene	8.022	146	32072	5.023	ng	98
15) Benzyl Alcohol	7.928	79	27799	5.299	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.204	45	47071	5.218	ng	97
17) 2-Methylphenol	8.122	107	26732	4.918	ng	97
18) Hexachloroethane	8.733	117	12808	5.175	ng	95
19) n-Nitroso-di-n-propyla...	8.486	70	23112	4.743	ng	98
20) 3+4-Methylphenols	8.451	107	34461	4.698	ng	98
22) Acetophenone	8.510	105	44517	4.935	ng	# 99
24) Nitrobenzene	8.881	77	34352	4.876	ng	98
25) Isophorone	9.404	82	58240	4.737	ng	99
26) 2-Nitrophenol	9.586	139	14414	4.742	ng	97
27) 2,4-Dimethylphenol	9.645	122	25437	4.758	ng	98
28) bis(2-Chloroethoxy)met...	9.892	93	36732	4.499	ng	# 98
29) 2,4-Dichlorophenol	10.122	162	23139	4.542	ng	98
30) 1,2,4-Trichlorobenzene	10.322	180	26697	4.925	ng	97
31) Naphthalene	10.504	128	91969	4.881	ng	98
32) Benzoic acid	9.722	122	13153	3.314	ng	92
33) 4-Chloroaniline	10.639	127	35422	4.481	ng	97
34) Hexachlorobutadiene	10.775	225	16606	5.495	ng	95
35) Caprolactam	11.439	113	6259	3.808	ng	93
36) 4-Chloro-3-methylphenol	11.757	107	25079	4.486	ng	97
37) 2-Methylnaphthalene	12.127	142	61128	4.780	ng	97
38) 1-Methylnaphthalene	12.345	142	57543	4.828	ng	98
40) 1,2,4,5-Tetrachloroben...	12.492	216	27619	5.282	ng	99
41) Hexachlorocyclopentadiene	12.463	237	12070	4.052	ng	98
43) 2,4,6-Trichlorophenol	12.751	196	17438	4.939	ng	97

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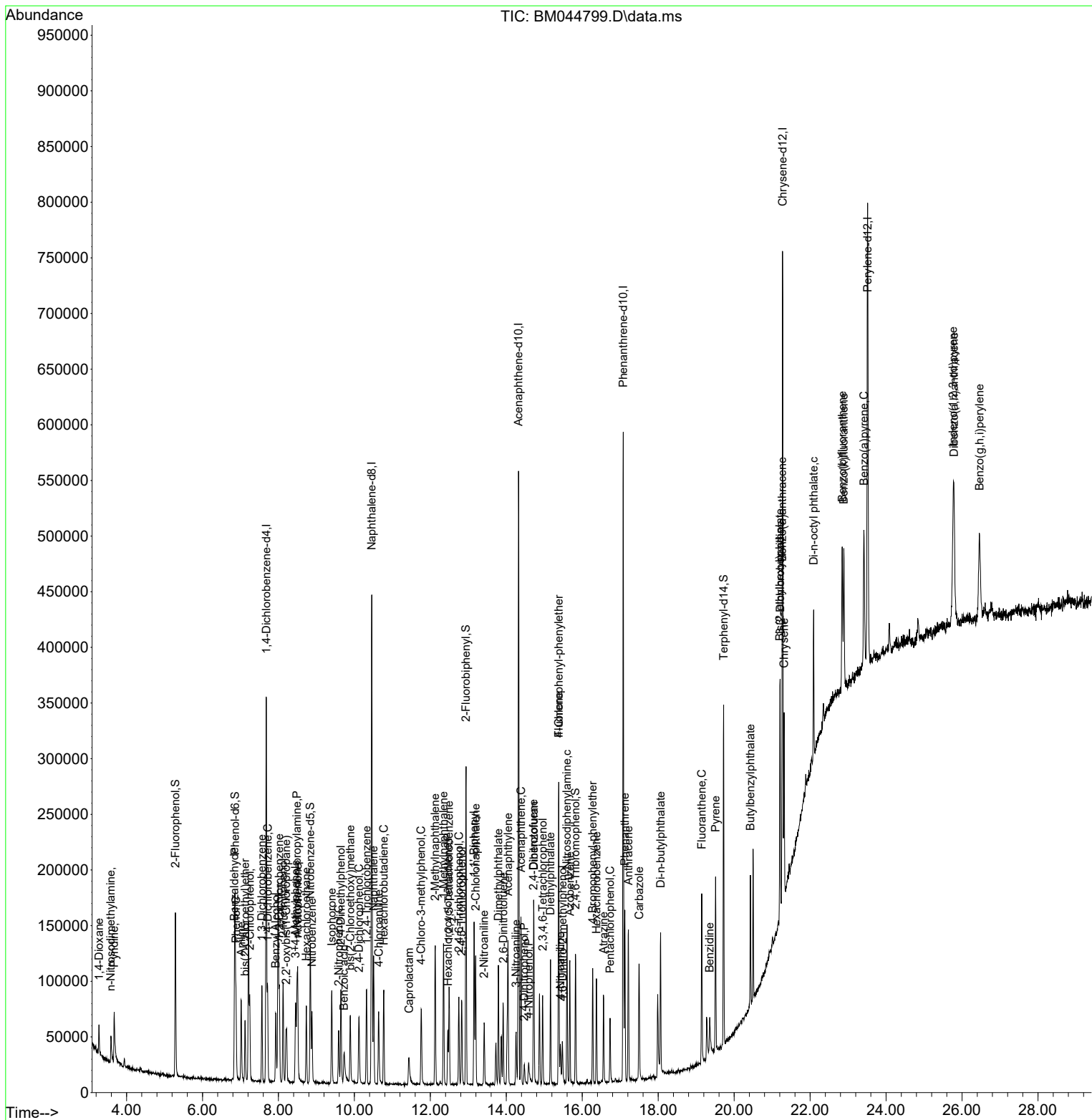
Instrument :
 BNA_M
 ClientSampleId :

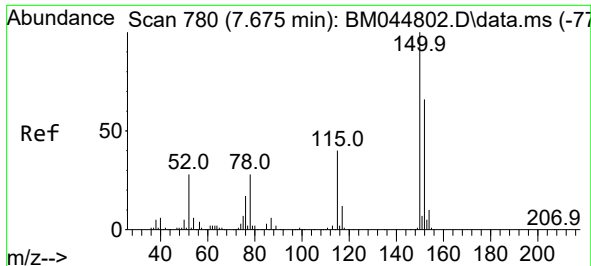
Quant Time: Mar 29 00:44:12 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.821	196	20498	4.900	ng	99
46) 1,1'-Biphenyl	13.151	154	73016	5.067	ng	98
47) 2-Chloronaphthalene	13.192	162	53292	5.001	ng	97
48) 2-Nitroaniline	13.416	65	16970	4.693	ng	98
49) Acenaphthylene	14.045	152	85103	4.902	ng	100
50) Dimethylphthalate	13.792	163	64417	4.674	ng	97
51) 2,6-Dinitrotoluene	13.921	165	12384	4.315	ng	95
52) Acenaphthene	14.386	154	50337	4.797	ng	94
53) 3-Nitroaniline	14.257	138	13364	3.977	ng #	99
54) 2,4-Dinitrophenol	14.468	184	4051	2.440	ng	89
55) Dibenzofuran	14.727	168	81647	4.902	ng	98
56) 4-Nitrophenol	14.586	139	8306	3.009	ng	90
57) 2,4-Dinitrotoluene	14.715	165	15387	4.103	ng #	90
58) Fluorene	15.380	166	62104	4.788	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.957	232	14487	4.460	ng	99
60) Diethylphthalate	15.163	149	59398	4.258	ng	97
61) 4-Chlorophenyl-phenyle...	15.380	204	30595	4.914	ng	95
62) 4-Nitroaniline	15.421	138	10295	3.067	ng	97
63) Azobenzene	15.674	77	64094	4.444	ng	96
65) 4,6-Dinitro-2-methylph...	15.480	198	6369	3.145	ng	96
66) n-Nitrosodiphenylamine	15.598	169	49445	4.914	ng	99
67) 4-Bromophenyl-phenylether	16.274	248	17137	5.131	ng	98
68) Hexachlorobenzene	16.374	284	18448	5.197	ng #	86
69) Atrazine	16.562	200	13675	4.349	ng	97
70) Pentachlorophenol	16.733	266	10117	3.962	ng	93
71) Phenanthrene	17.121	178	87822	4.922	ng	98
72) Anthracene	17.215	178	85227	4.763	ng	98
73) Carbazole	17.498	167	73688	4.372	ng	99
74) Di-n-butylphthalate	18.062	149	85821	3.952	ng	100
75) Fluoranthene	19.145	202	86932	4.358	ng	97
77) Benzidine	19.356	184	24771	4.079	ng	98
78) Pyrene	19.509	202	88897	5.161	ng	98
80) Butylbenzylphthalate	20.427	149	32397	4.174	ng	99
81) Benzo(a)anthracene	21.262	228	80890	4.947	ng	98
82) 3,3'-Dichlorobenzidine	21.209	252	26791	4.757	ng	99
83) Chrysene	21.315	228	76968	4.926	ng	98
84) Bis(2-ethylhexyl)phtha...	21.203	149	47743	4.083	ng	99
85) Di-n-octyl phthalate	22.091	149	81629	4.024	ng	96
87) Indeno(1,2,3-cd)pyrene	25.768	276	106229	5.061	ng	98
88) Benzo(b)fluoranthene	22.844	252	80122	4.695	ng #	95
89) Benzo(k)fluoranthene	22.886	252	78773	4.490	ng #	96
90) Benzo(a)pyrene	23.415	252	81308	4.885	ng #	94
91) Dibenzo(a,h)anthracene	25.791	278	88775	5.016	ng	97
92) Benzo(g,h,i)perylene	26.462	276	93294	5.355	ng	96

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

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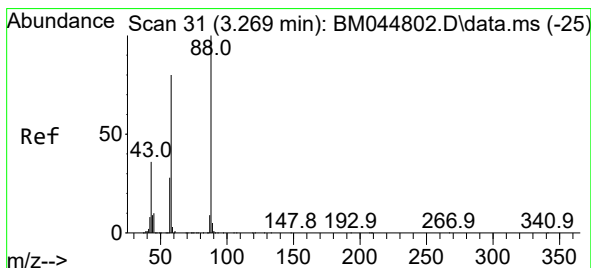
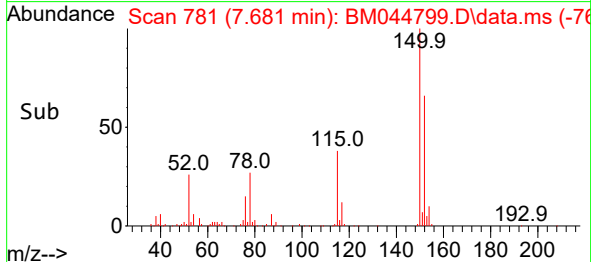
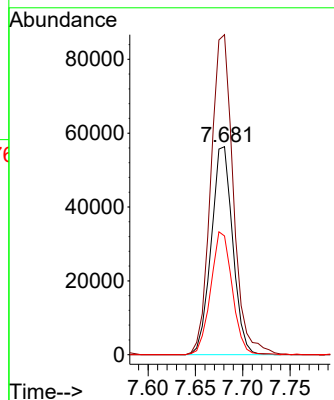
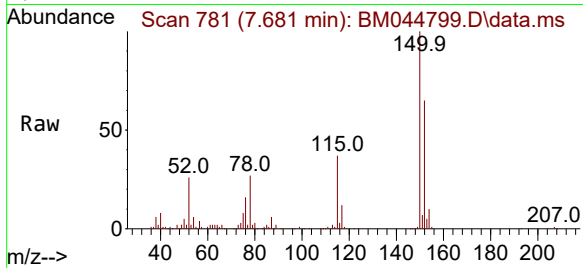




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

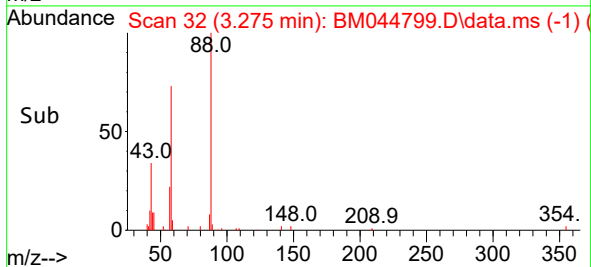
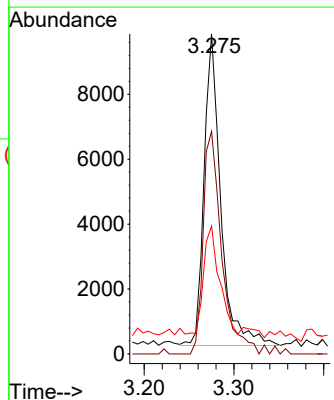
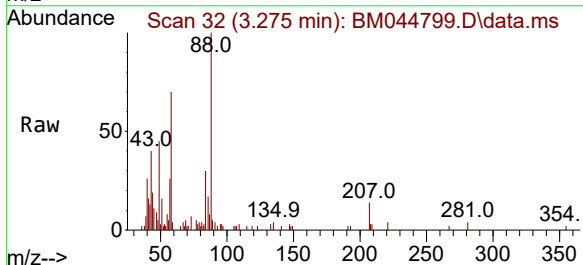
Instrument :
BNA_M
ClientSampleId :

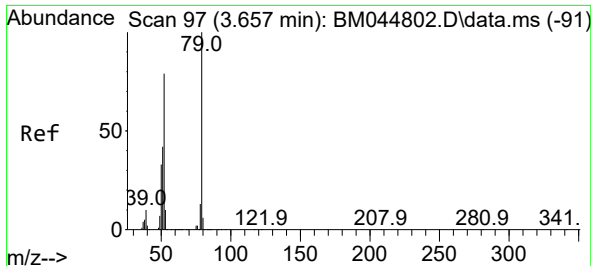
Tgt Ion:152 Resp: 89057
Ion Ratio Lower Upper
152 100
150 153.8 121.0 181.6
115 57.1 48.3 72.5



#2
1,4-Dioxane
Concen: 4.767 ng
RT: 3.275 min Scan# 32
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion: 88 Resp: 12428
Ion Ratio Lower Upper
88 100
58 78.5 63.4 95.0
43 32.6 28.6 43.0

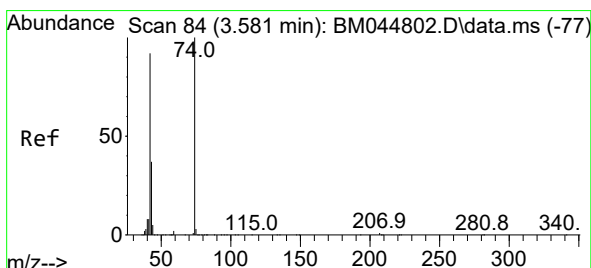
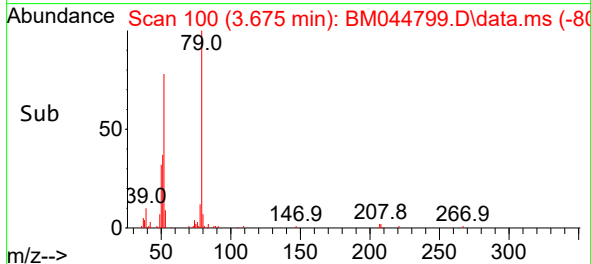
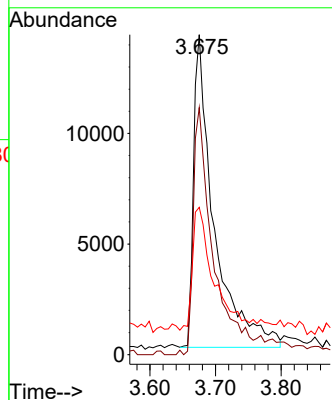
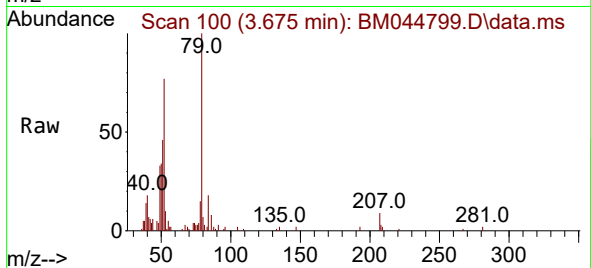




#3
Pyridine
Concen: 4.247 ng
RT: 3.675 min Scan# 100
Delta R.T. 0.018 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

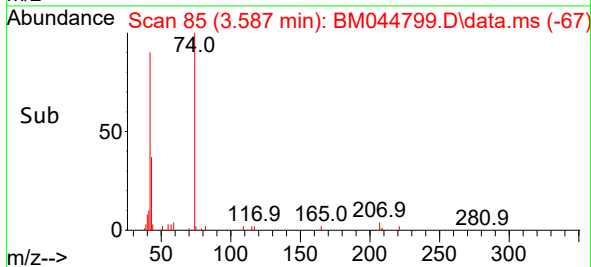
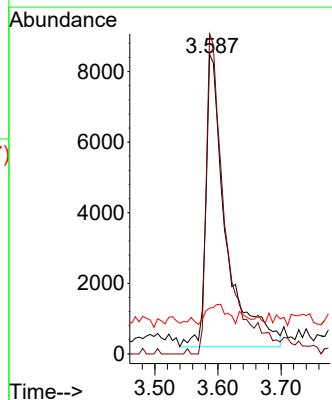
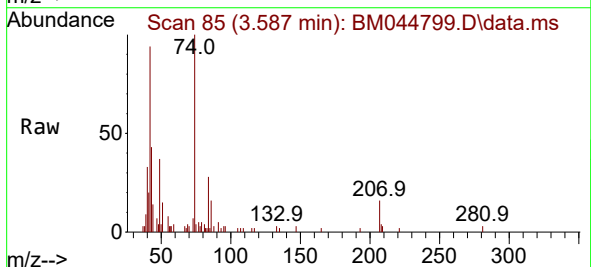
Instrument :
BNA_M
ClientSampleId :

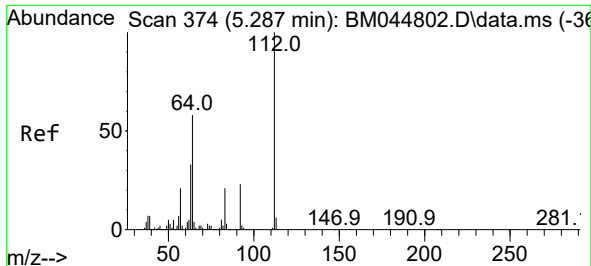
Tgt Ion: 79 Resp: 30620
Ion Ratio Lower Upper
79 100
52 77.2 62.9 94.3
51 46.0 34.2 51.2



#4
n-Nitrosodimethylamine
Concen: 6.337 ng
RT: 3.587 min Scan# 85
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion: 42 Resp: 18309
Ion Ratio Lower Upper
42 100
74 106.8 86.2 129.2
44 15.3 5.0 7.4#

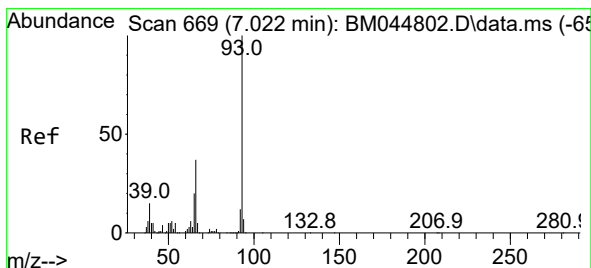
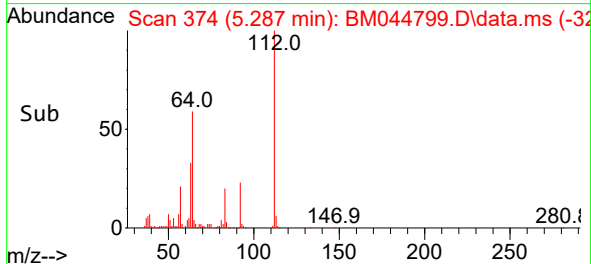
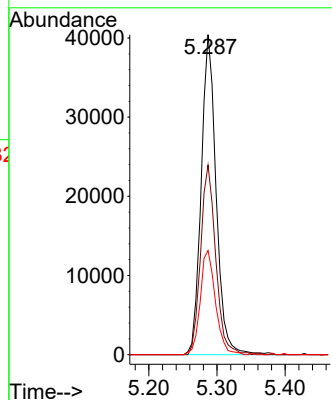
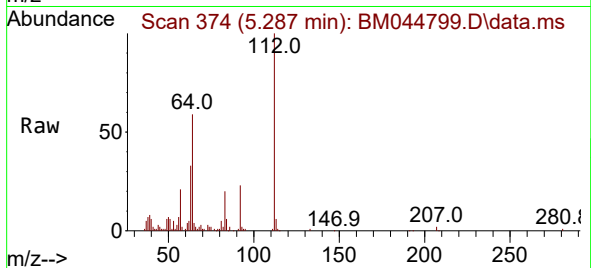




#5
2-Fluorophenol
Concen: 9.934 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

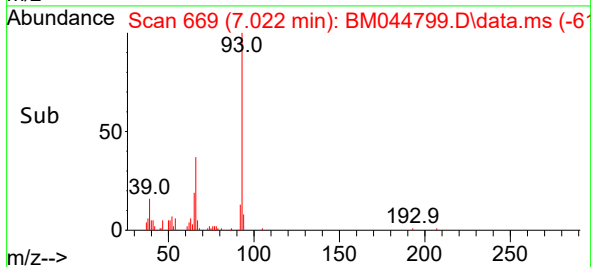
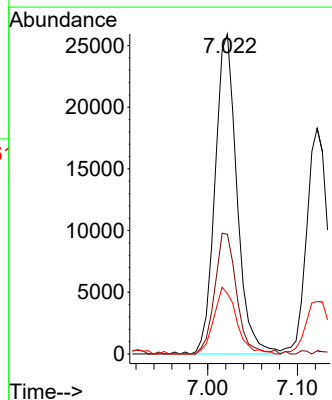
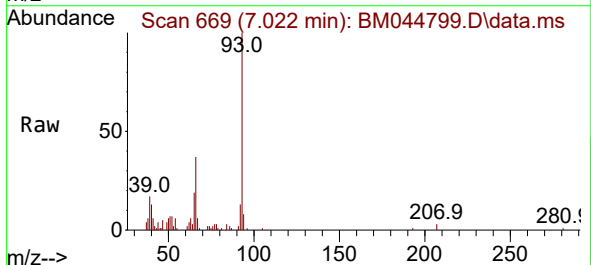
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BNA_M
ClientSampleId :

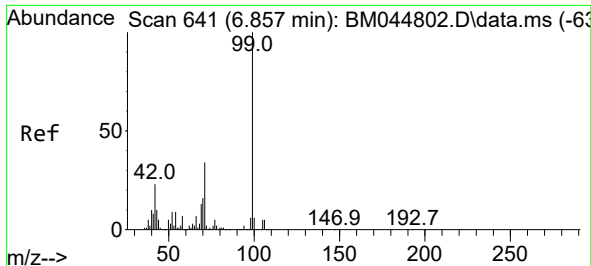
Tgt Ion:112 Resp: 61617
Ion Ratio Lower Upper
112 100
64 59.3 46.4 69.6
63 32.6 26.2 39.4



#6
Aniline
Concen: 4.645 ng
RT: 7.022 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion: 93 Resp: 43897
Ion Ratio Lower Upper
93 100
66 37.4 30.1 45.1
65 18.9 16.5 24.7





#7

Phenol-d6

Concen: 9.421 ng

RT: 6.857 min Scan# 641

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

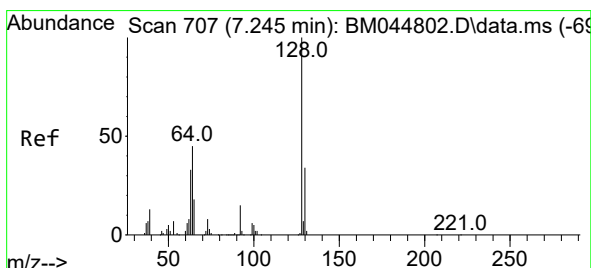
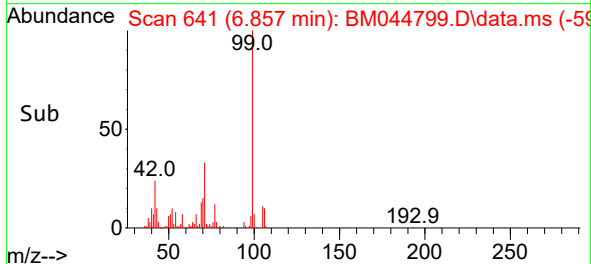
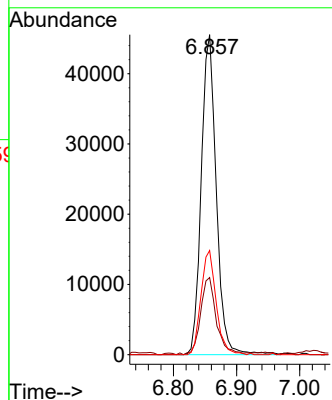
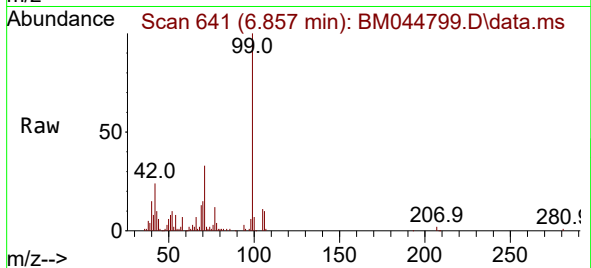
Tgt Ion: 99 Resp: 75180

Ion Ratio Lower Upper

99 100

42 24.1 18.2 27.4

71 32.5 27.3 40.9



#8

2-Chlorophenol

Concen: 4.918 ng

RT: 7.245 min Scan# 707

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

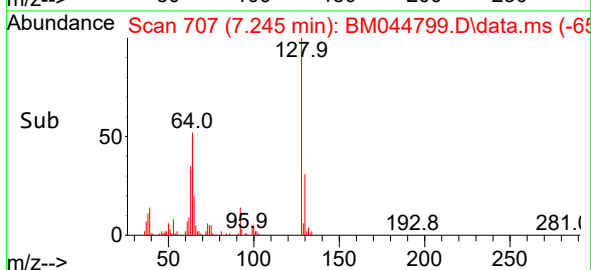
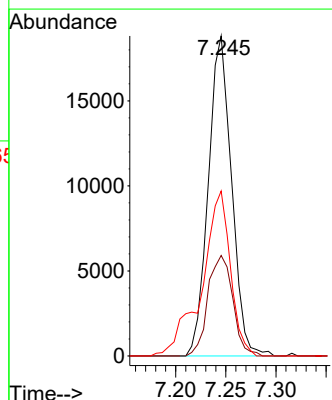
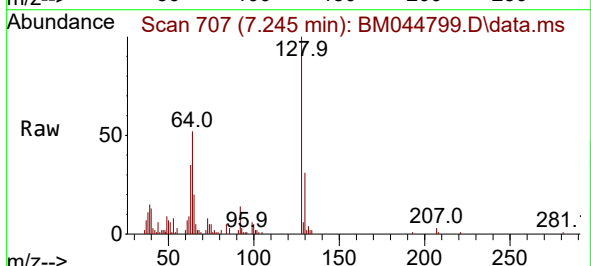
Tgt Ion:128 Resp: 30385

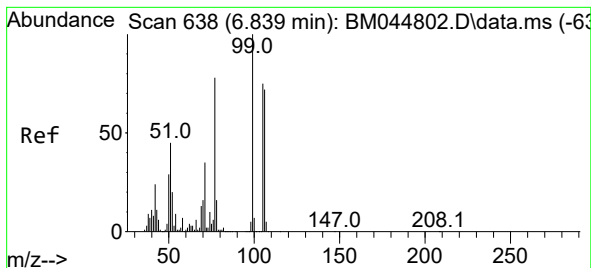
Ion Ratio Lower Upper

128 100

130 31.4 13.9 53.9

64 51.5 28.0 68.0





#9

Benzaldehyde

Concen: 5.341 ng

RT: 6.840 min Scan# 61

Delta R.T. 0.000 min

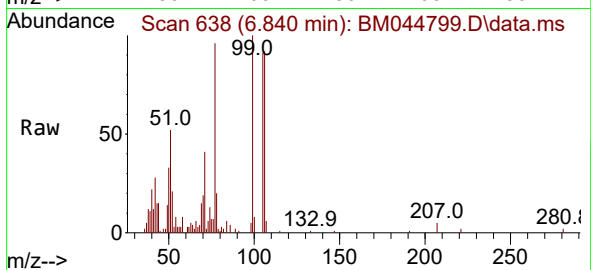
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Acq: 28 Mar 2024 18:36

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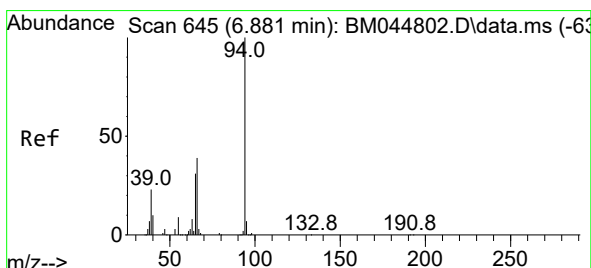
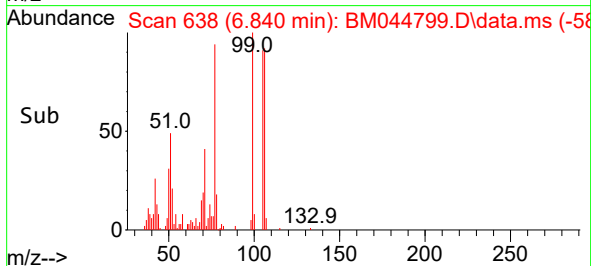
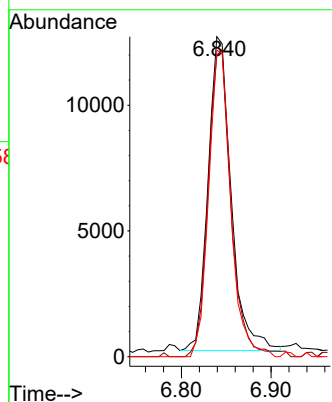
Tgt Ion: 77 Resp: 22323

Ion Ratio Lower Upper

77 100

105 94.2 75.7 115.7

106 95.7 71.6 111.6



#10

Phenol

Concen: 4.652 ng

RT: 6.881 min Scan# 645

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

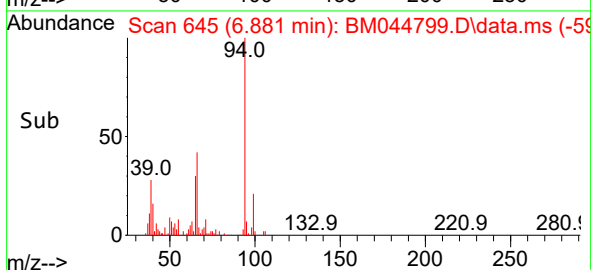
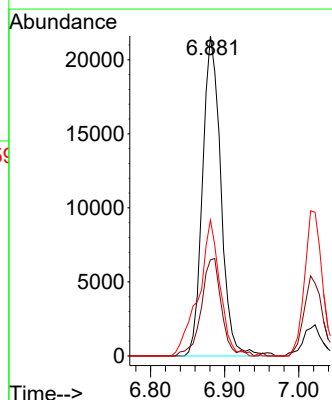
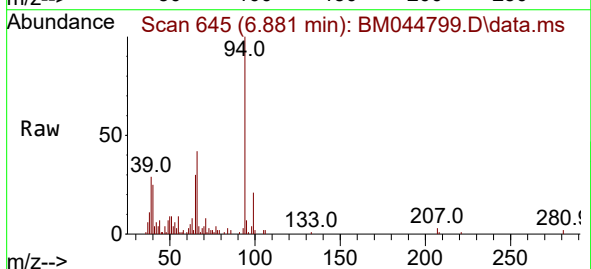
Tgt Ion: 94 Resp: 37075

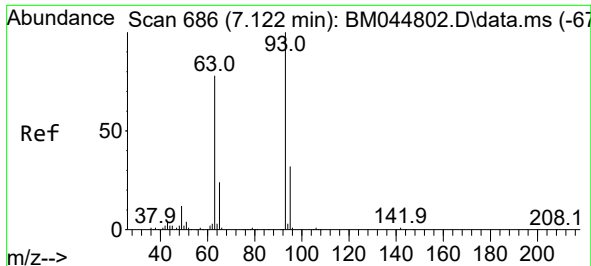
Ion Ratio Lower Upper

94 100

65 30.0 11.3 51.3

66 42.5 20.2 60.2

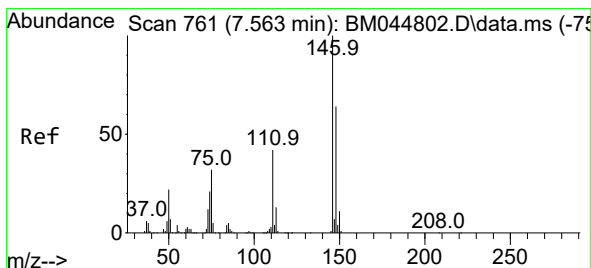
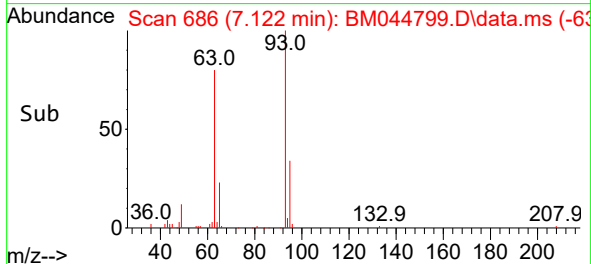
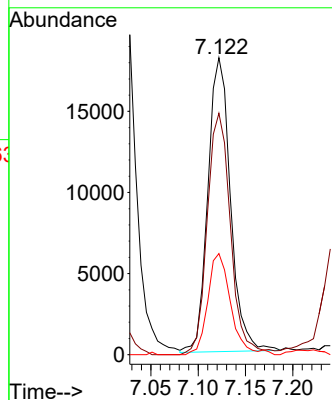
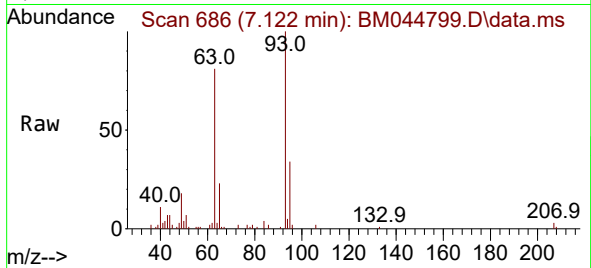




#11
bis(2-Chloroethyl)ether
Concen: 4.621 ng
RT: 7.122 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

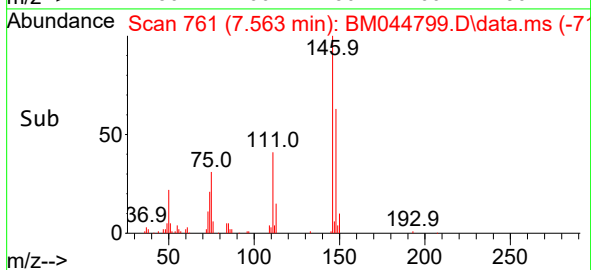
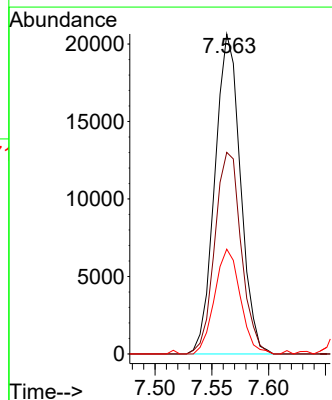
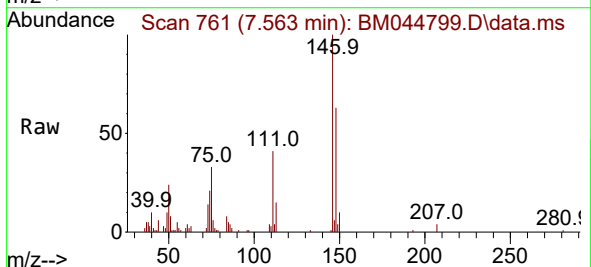
Instrument :
BNA_M
ClientSampleId :

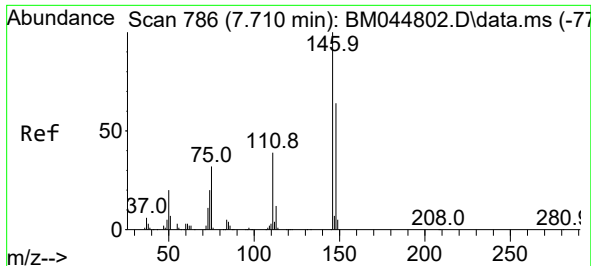
Tgt Ion: 93 Resp: 30068
Ion Ratio Lower Upper
93 100
63 81.3 57.8 97.8
95 34.1 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 4.869 ng
RT: 7.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:146 Resp: 32342
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 32.8 26.0 39.0

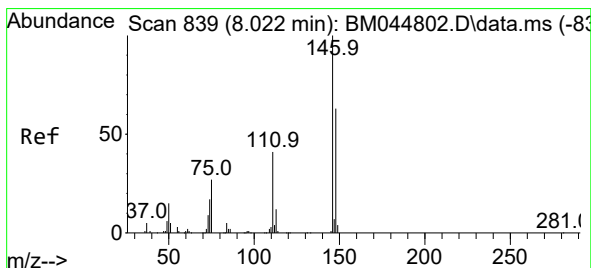
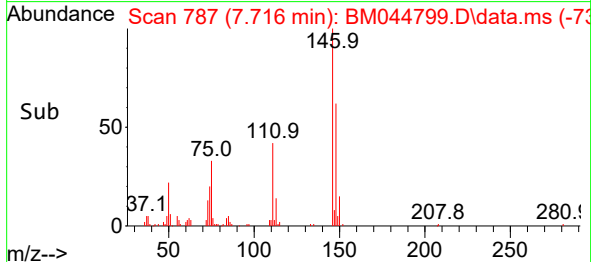
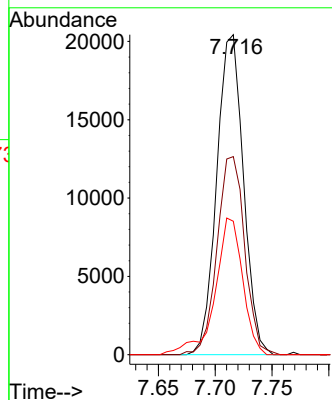
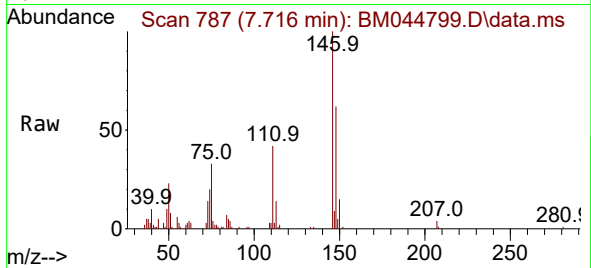




#13
1,4-Dichlorobenzene
Concen: 4.992 ng
RT: 7.716 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

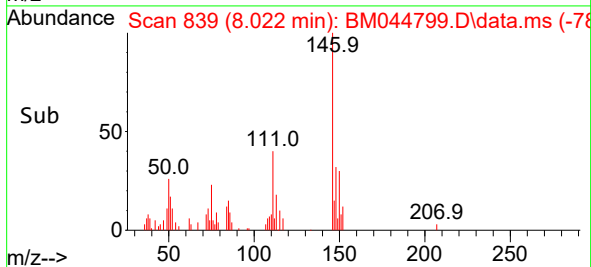
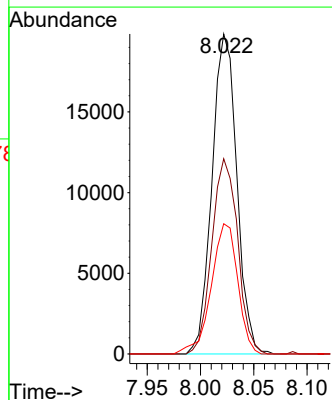
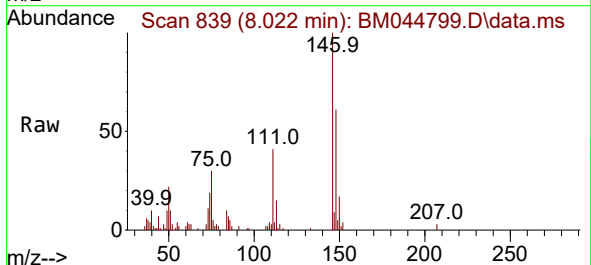
Instrument :
BNA_M
ClientSampleId :

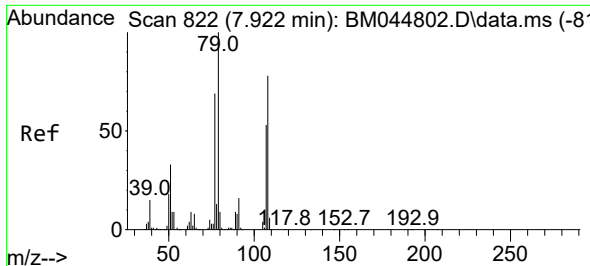
Tgt Ion:146 Resp: 33422
Ion Ratio Lower Upper
146 100
148 61.9 51.4 77.2
111 41.7 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 5.023 ng
RT: 8.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:146 Resp: 32072
Ion Ratio Lower Upper
146 100
148 61.0 50.2 75.2
111 40.7 33.7 50.5

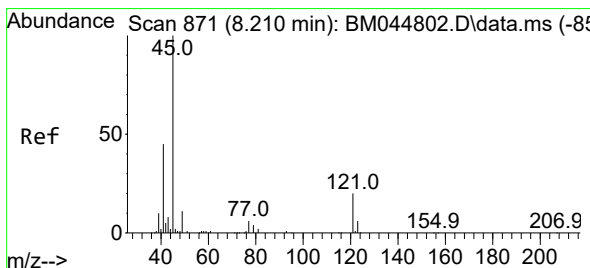
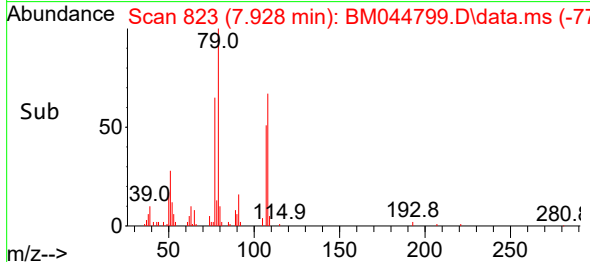
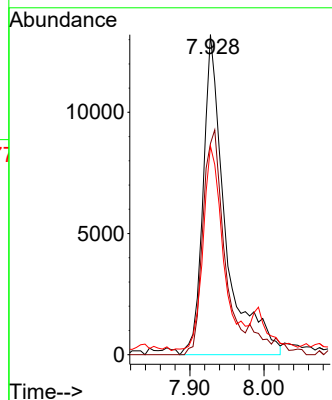
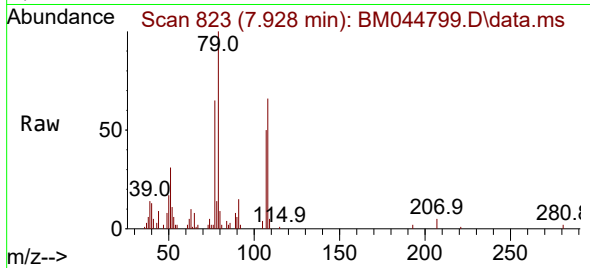




#15
Benzyl Alcohol
Concen: 5.299 ng
RT: 7.928 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

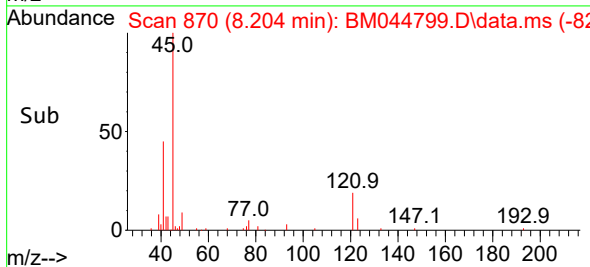
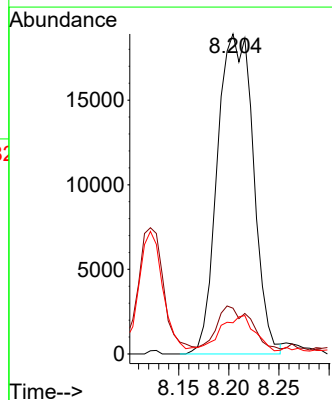
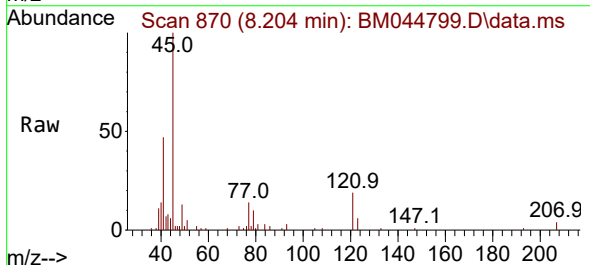
Instrument :
BNA_M
ClientSampleId :

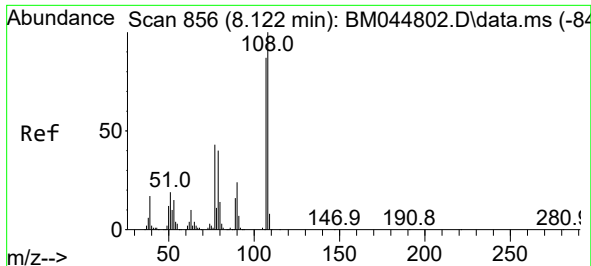
Tgt Ion: 79 Resp: 27799
Ion Ratio Lower Upper
79 100
108 65.9 62.2 93.2
77 65.2 55.1 82.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.218 ng
RT: 8.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion: 45 Resp: 47071
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.0
79 9.8 0.0 30.4

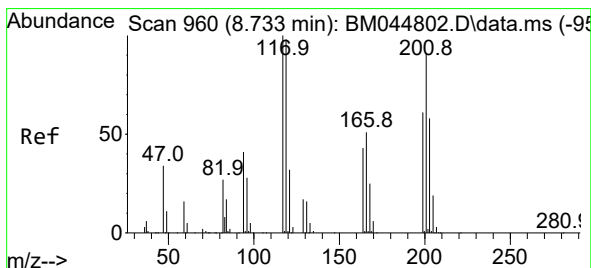
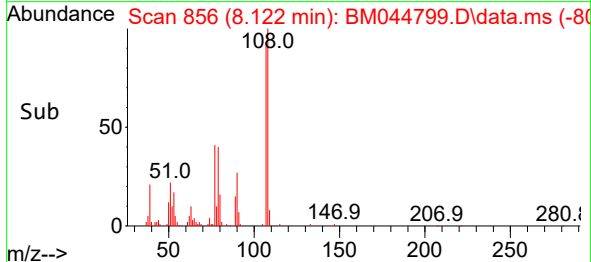
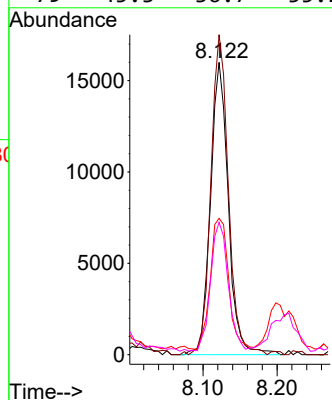
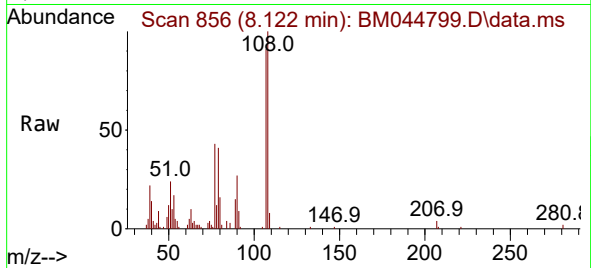




#17
2-Methylphenol
Concen: 4.918 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

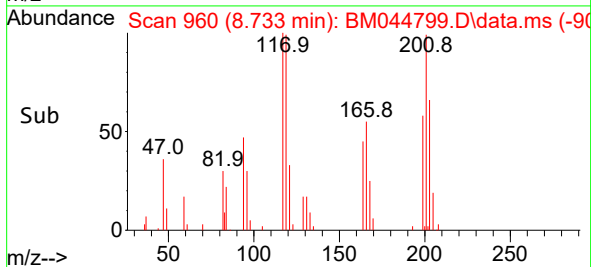
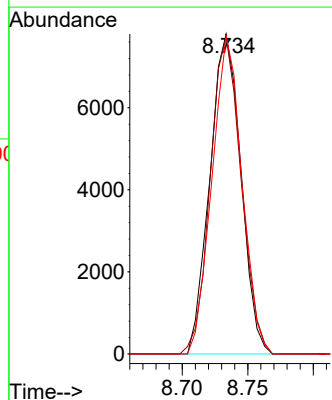
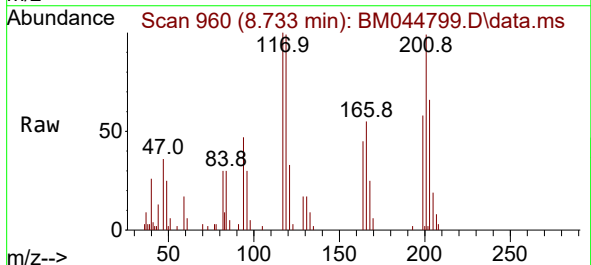
Instrument :
BNA_M
ClientSampleId :

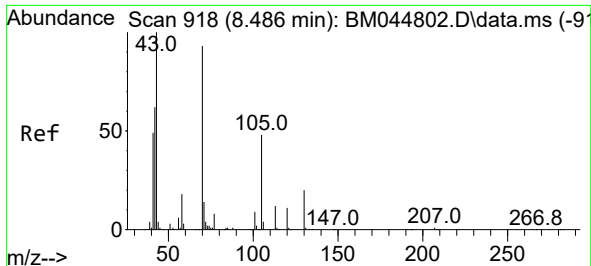
Tgt Ion:	107	Resp:	26732
Ion	Ratio	Lower	Upper
107	100		
108	109.5	91.5	137.3
77	46.6	39.1	58.7
79	45.3	36.7	55.1



#18
Hexachloroethane
Concen: 5.175 ng
RT: 8.733 min Scan# 960
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:	117	Resp:	12808
Ion	Ratio	Lower	Upper
117	100		
119	99.2	78.6	118.0
201	99.4	72.7	109.1

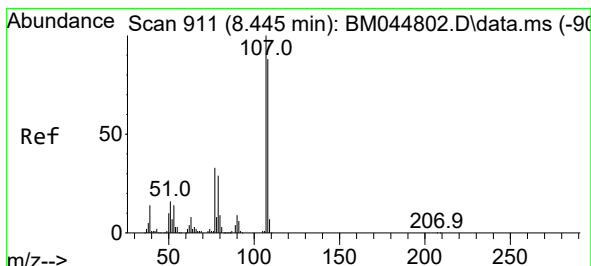
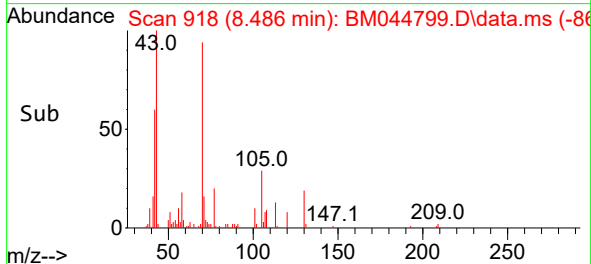
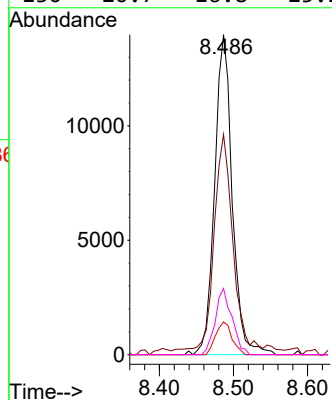
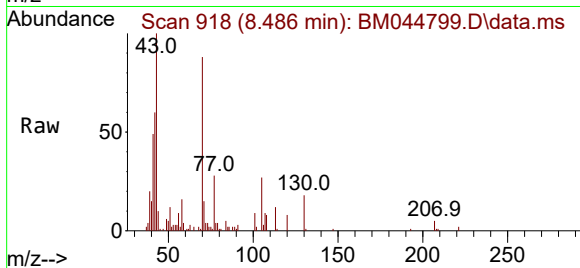




#19
n-Nitroso-di-n-propylamine
Concen: 4.743 ng
RT: 8.486 min Scan# 918
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

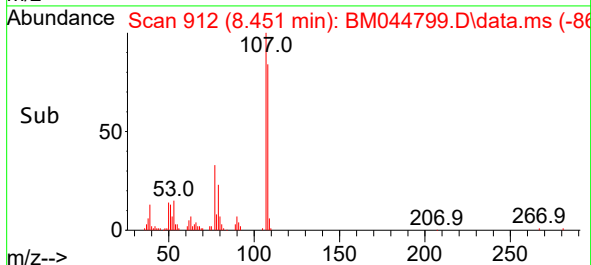
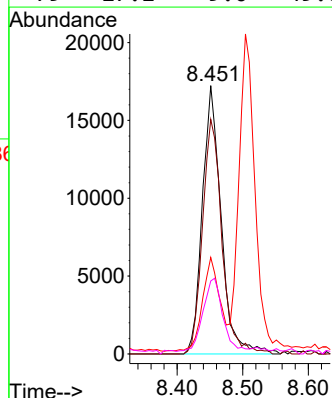
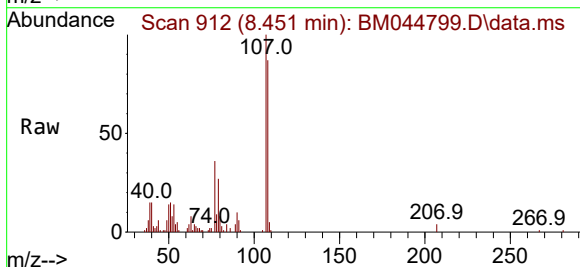
Instrument :
BNA_M
ClientSampleId :

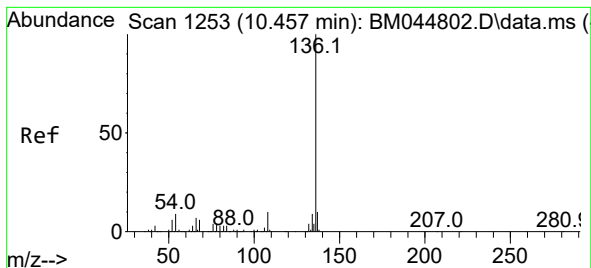
Tgt Ion:	70	Resp:	23112
Ion	Ratio	Lower	Upper
70	100		
42	68.8	53.6	80.4
101	10.2	7.5	11.3
130	20.7	16.8	25.2



#20
3+4-Methylphenols
Concen: 4.698 ng
RT: 8.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:	107	Resp:	34461
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.1	108.1
77	36.0	13.4	53.4
79	27.2	9.0	49.0

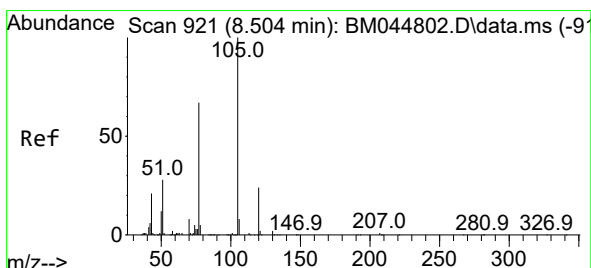
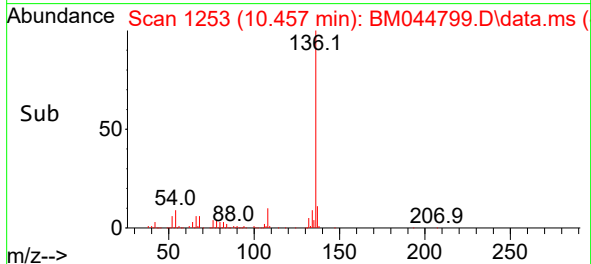
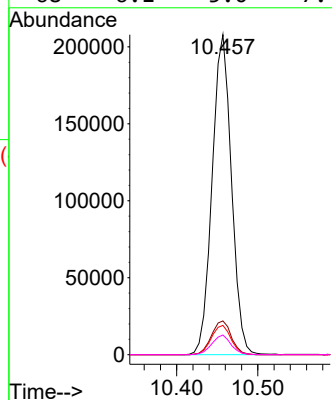
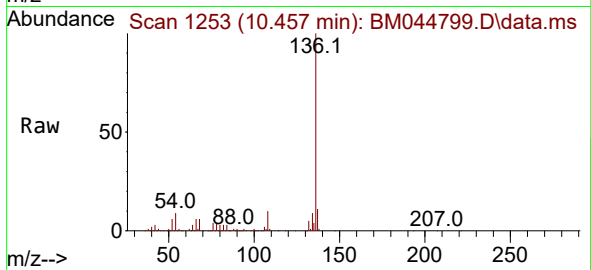




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

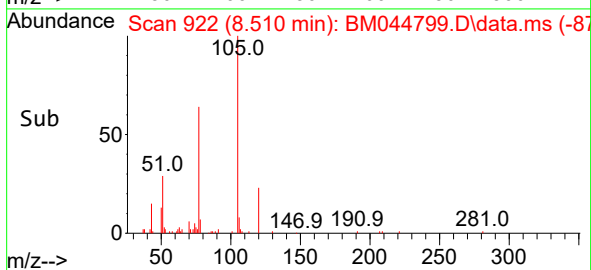
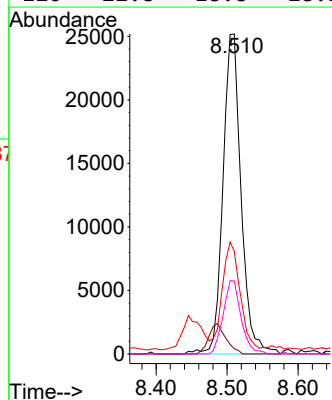
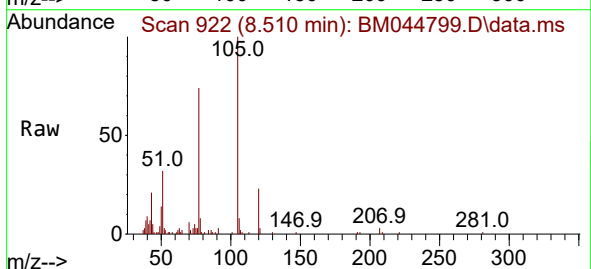
Instrument :
BNA_M
ClientSampleId :

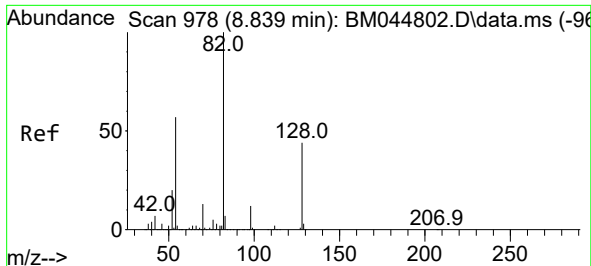
Tgt Ion:136 Resp: 343326
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 9.2 7.3 10.9
68 6.1 5.0 7.4



#22
Acetophenone
Concen: 4.935 ng
RT: 8.510 min Scan# 922
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:105 Resp: 44517
Ion Ratio Lower Upper
105 100
71 1.6 1.6 2.4#
51 32.1 25.9 38.9
120 22.8 18.8 28.2





#23

Nitrobenzene-d5

Concen: 9.948 ng

RT: 8.839 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

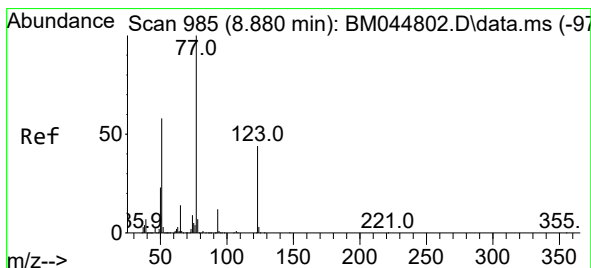
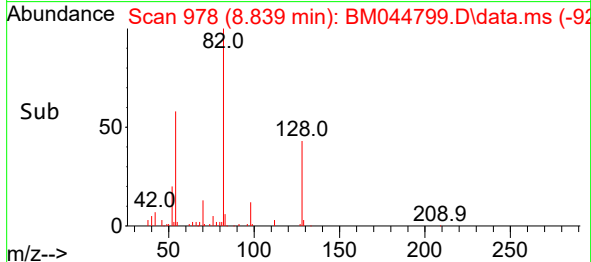
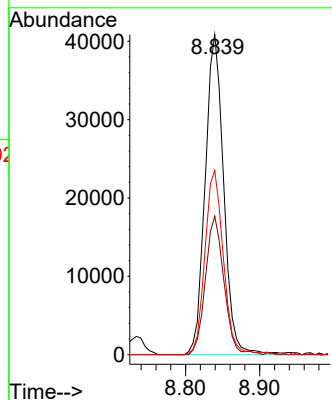
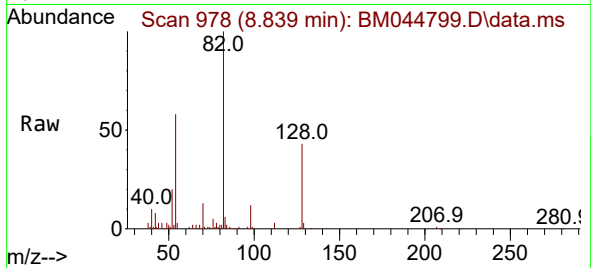
Tgt Ion: 82 Resp: 70896

Ion Ratio Lower Upper

82 100

128 43.3 34.8 52.2

54 57.6 45.4 68.0



#24

Nitrobenzene

Concen: 4.876 ng

RT: 8.881 min Scan# 985

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

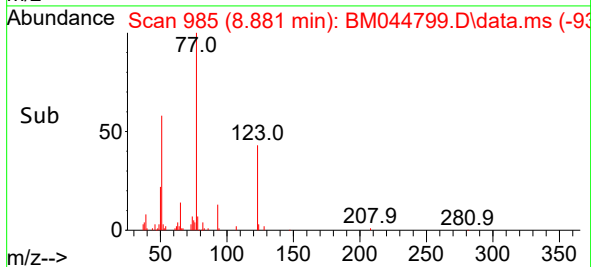
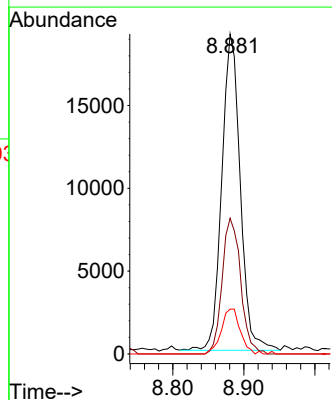
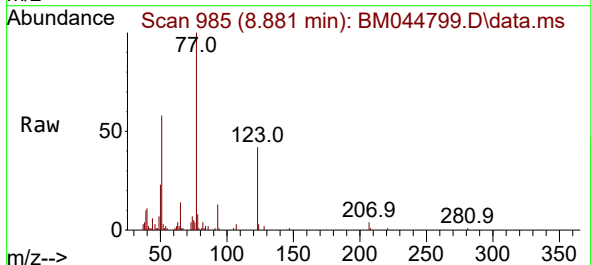
Tgt Ion: 77 Resp: 34352

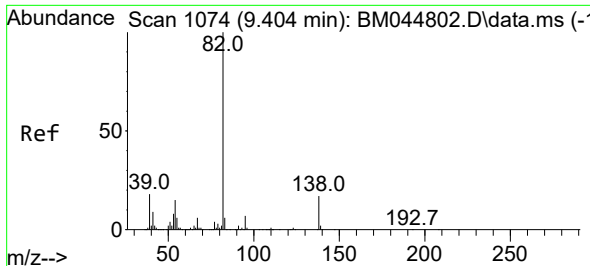
Ion Ratio Lower Upper

77 100

123 42.4 35.1 52.7

65 14.0 11.4 17.2

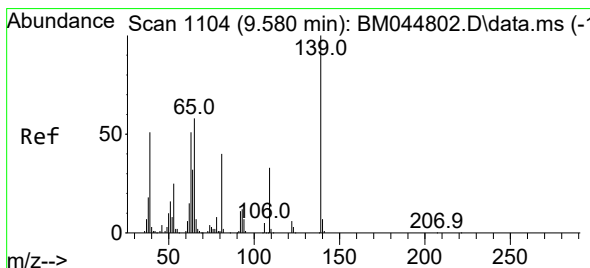
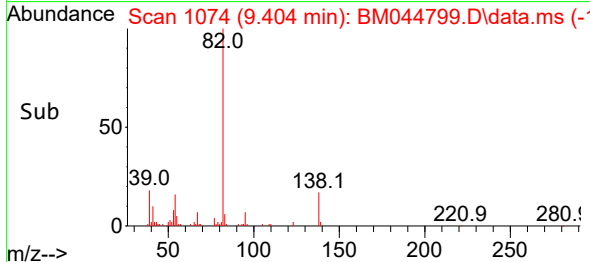
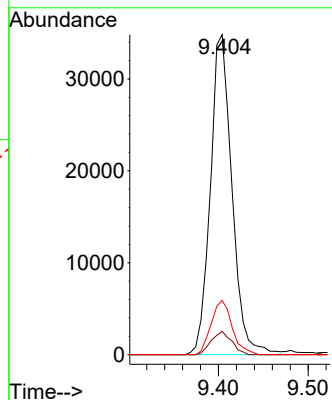
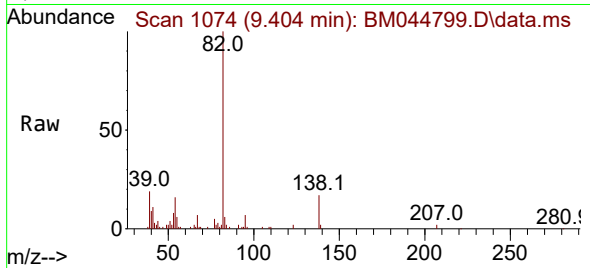




#25
Isophorone
Concen: 4.737 ng
RT: 9.404 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

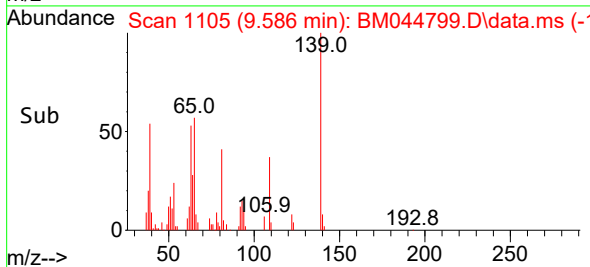
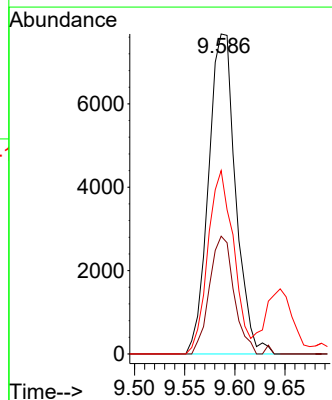
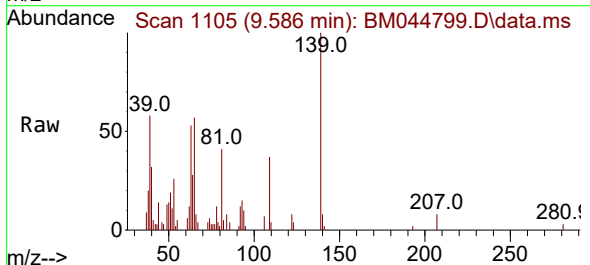
Instrument :
BNA_M
ClientSampleId :

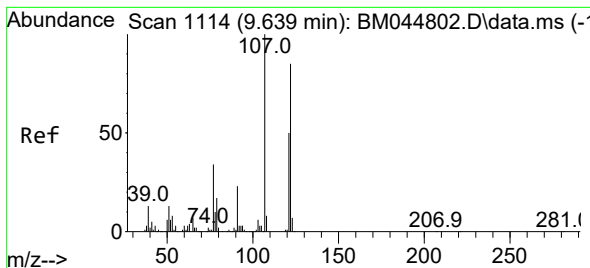
Tgt Ion: 82 Resp: 58240
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 16.9 13.6 20.4



#26
2-Nitrophenol
Concen: 4.742 ng
RT: 9.586 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion: 139 Resp: 14414
Ion Ratio Lower Upper
139 100
109 36.8 26.7 40.1
65 57.3 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 4.758 ng

RT: 9.645 min Scan# 1115

Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

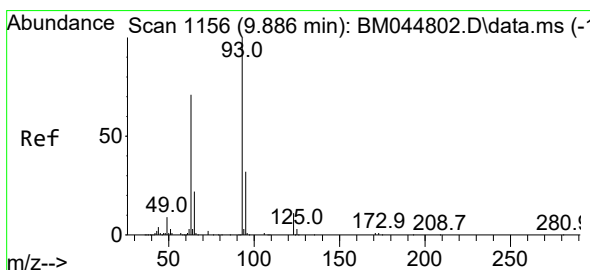
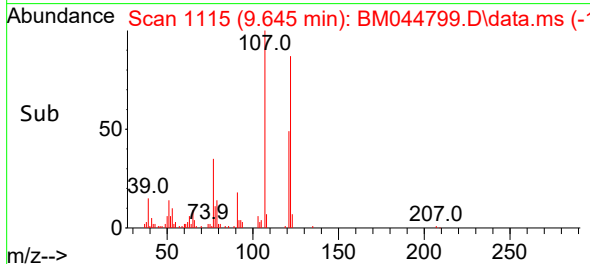
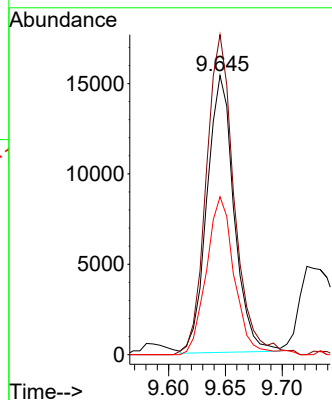
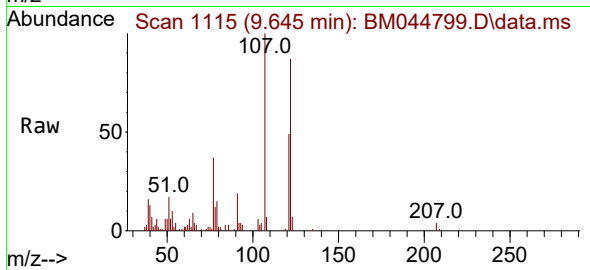
Tgt Ion:122 Resp: 25437

Ion Ratio Lower Upper

122 100

107 114.6 93.3 139.9

121 56.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 4.499 ng

RT: 9.892 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

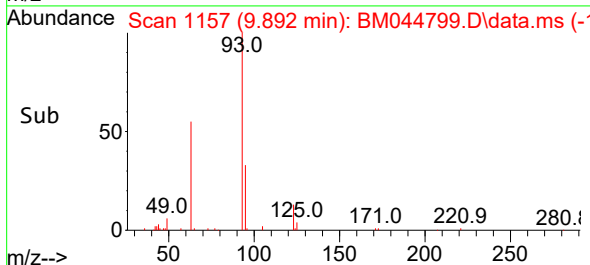
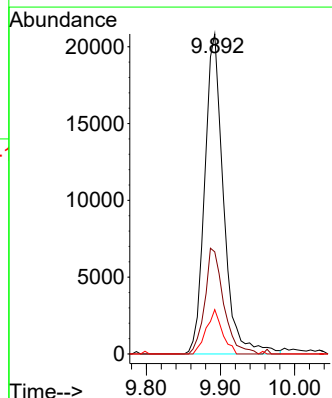
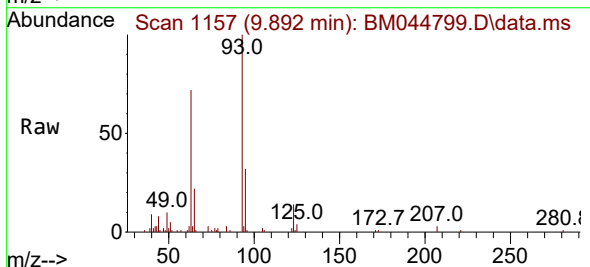
Tgt Ion: 93 Resp: 36732

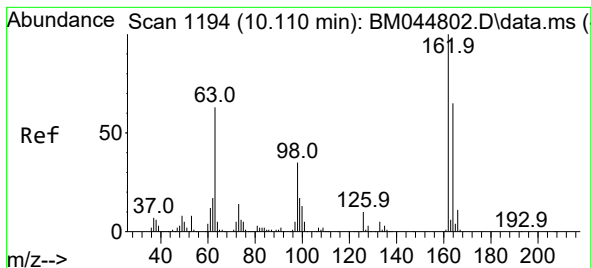
Ion Ratio Lower Upper

93 100

95 31.9 25.4 38.2

123 13.8 8.7 13.1#





#29

2,4-Dichlorophenol

Concen: 4.542 ng

RT: 10.122 min Scan# 1194

Delta R.T. 0.012 min

Lab File: BM044799.D

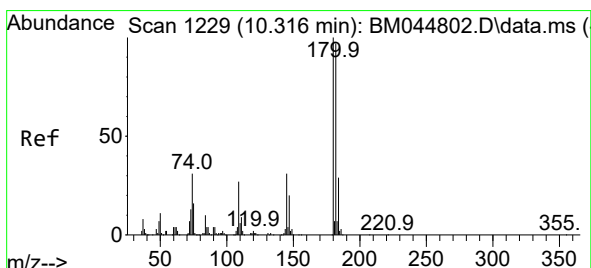
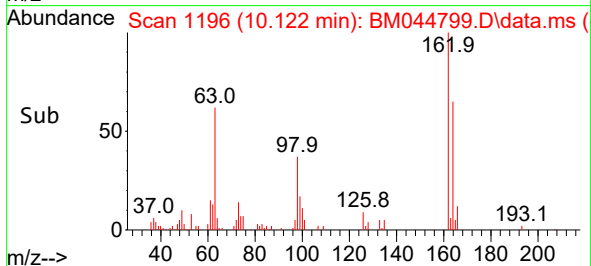
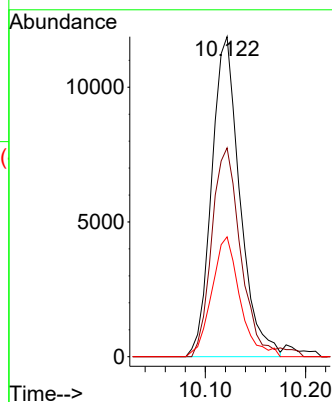
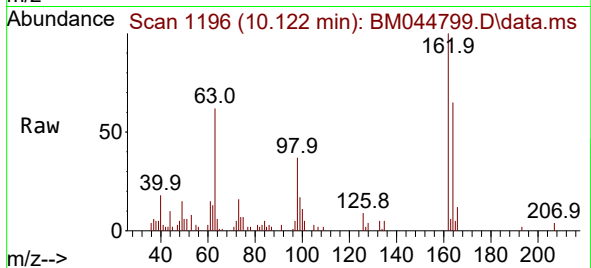
Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	162	Resp:	23139
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.6	84.6
98	37.4	15.3	55.3



#30

1,2,4-Trichlorobenzene

Concen: 4.925 ng

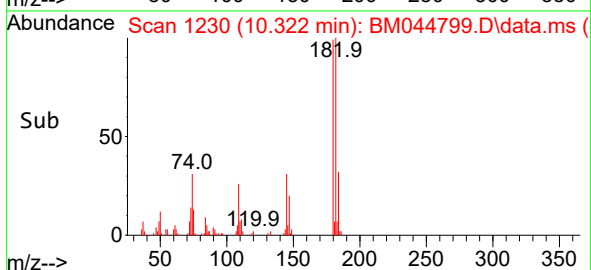
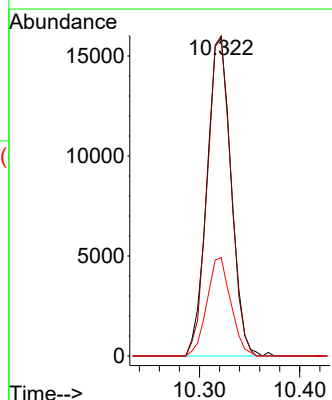
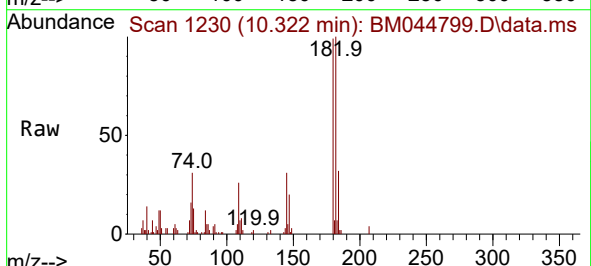
RT: 10.322 min Scan# 1230

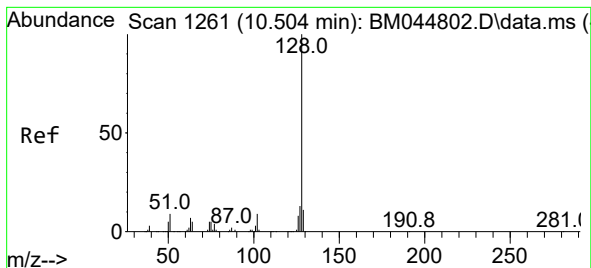
Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Tgt Ion:	180	Resp:	26697
Ion Ratio	Lower	Upper	
180	100		
182	100.6	77.2	115.8
145	30.9	25.1	37.7

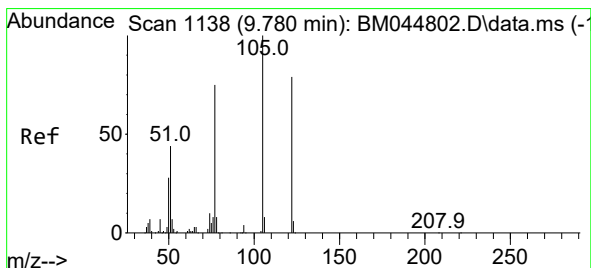
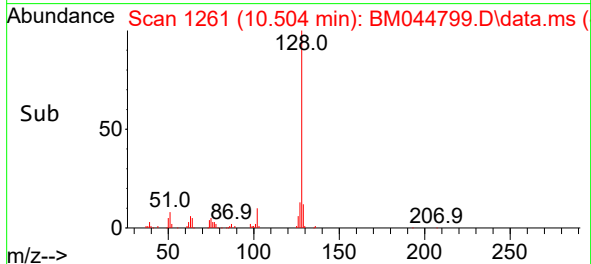
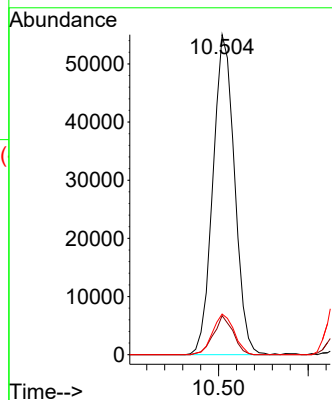
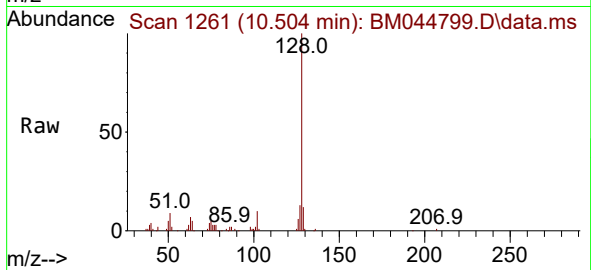




#31
Naphthalene
Concen: 4.881 ng
RT: 10.504 min Scan# 11261
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

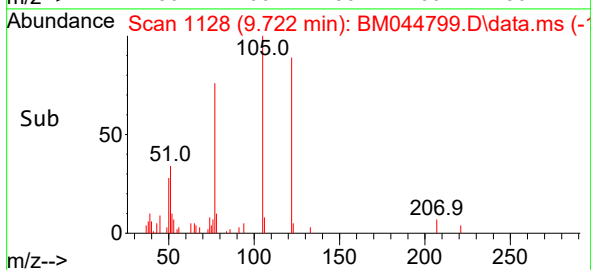
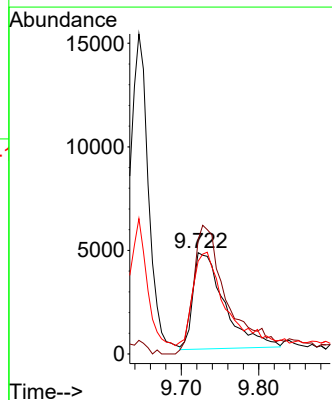
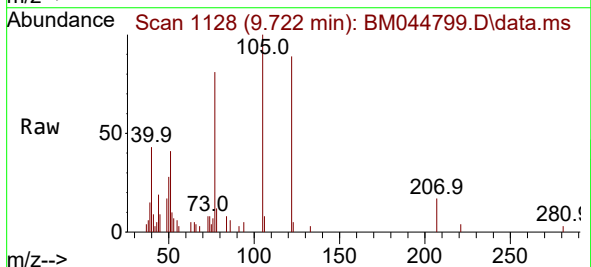
Instrument :
BNA_M
ClientSampleId :

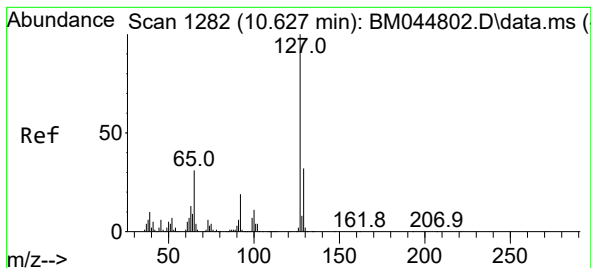
Tgt Ion:128 Resp: 91969
Ion Ratio Lower Upper
128 100
129 12.2 8.8 13.2
127 12.7 10.1 15.1



#32
Benzoic acid
Concen: 3.314 ng
RT: 9.722 min Scan# 1128
Delta R.T. -0.059 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:122 Resp: 13153
Ion Ratio Lower Upper
122 100
105 112.8 105.6 145.6
77 91.6 75.5 115.5





#33

4-Chloroaniline

Concen: 4.481 ng

RT: 10.639 min Scan# 11

Delta R.T. 0.012 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:127 Resp: 35422

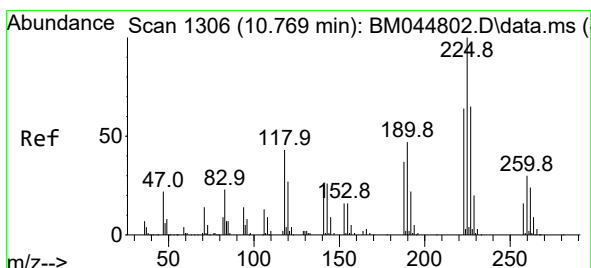
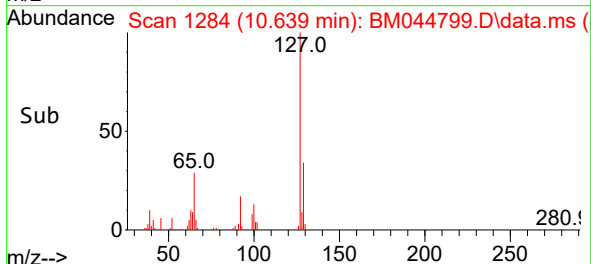
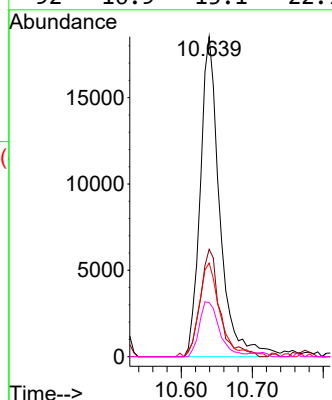
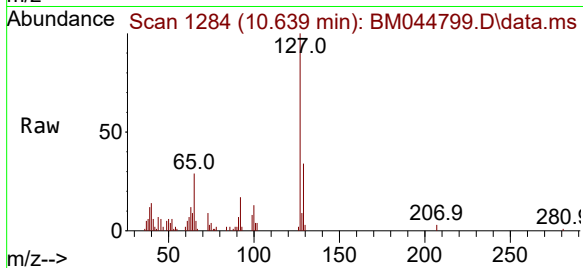
Ion Ratio Lower Upper

127 100

129 33.5 25.8 38.8

65 29.2 25.1 37.7

92 16.9 15.1 22.7



#34

Hexachlorobutadiene

Concen: 5.495 ng

RT: 10.775 min Scan# 1307

Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

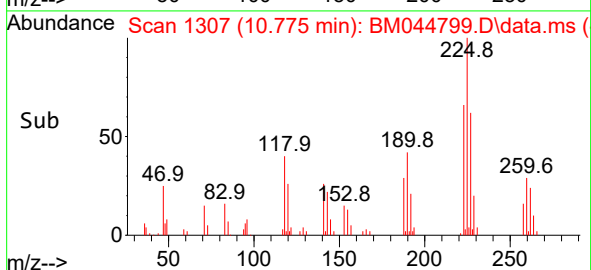
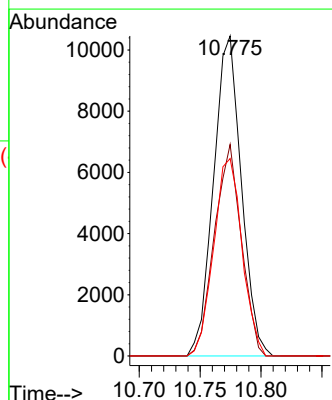
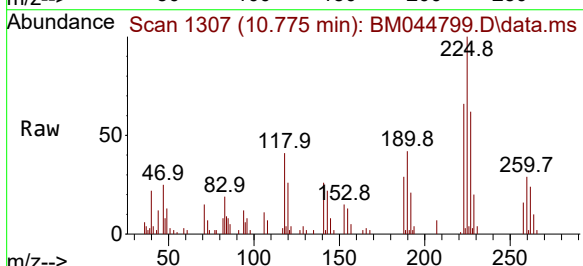
Tgt Ion:225 Resp: 16606

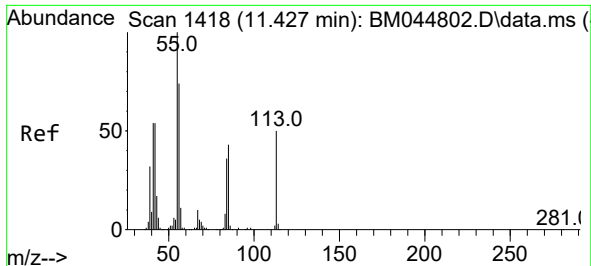
Ion Ratio Lower Upper

225 100

223 69.0 50.9 76.3

227 61.7 51.7 77.5

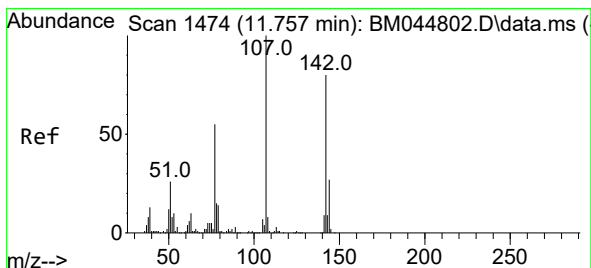
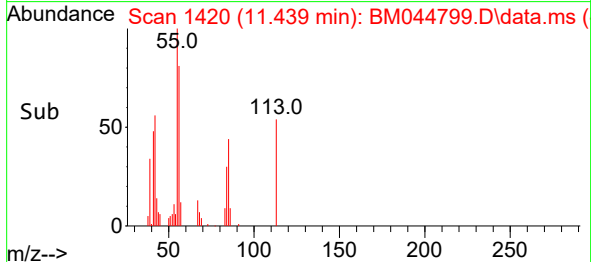
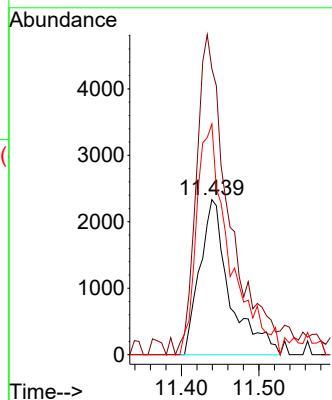
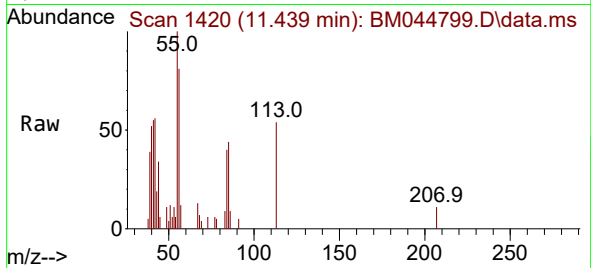




#35
 Caprolactam
 Concen: 3.808 ng
 RT: 11.439 min Scan# 1420
 Delta R.T. 0.012 min
 Lab File: BM044799.D
 Acq: 28 Mar 2024 18:36

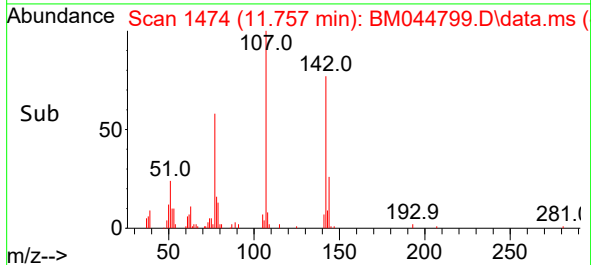
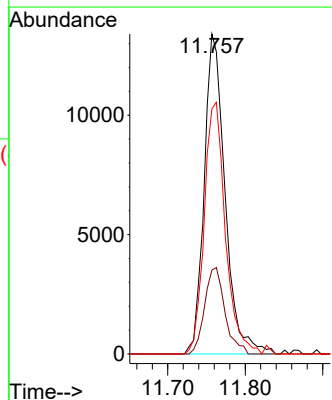
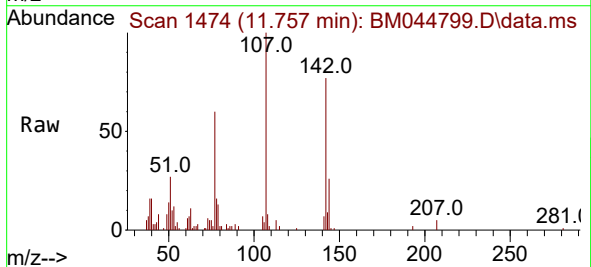
Instrument :
 BNA_M
 ClientSampleId :

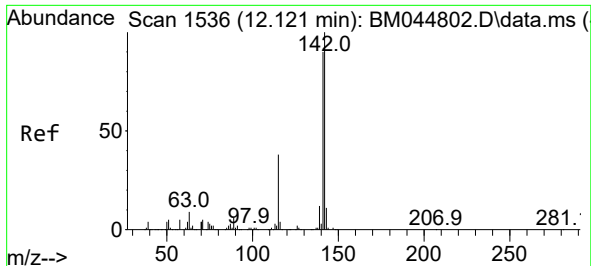
Tgt Ion:113 Resp: 6259
 Ion Ratio Lower Upper
 113 100
 55 184.2 180.8 220.8
 56 148.6 127.4 167.4



#36
 4-Chloro-3-methylphenol
 Concen: 4.486 ng
 RT: 11.757 min Scan# 1474
 Delta R.T. 0.000 min
 Lab File: BM044799.D
 Acq: 28 Mar 2024 18:36

Tgt Ion:107 Resp: 25079
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.6 32.4
 142 76.6 63.8 95.8

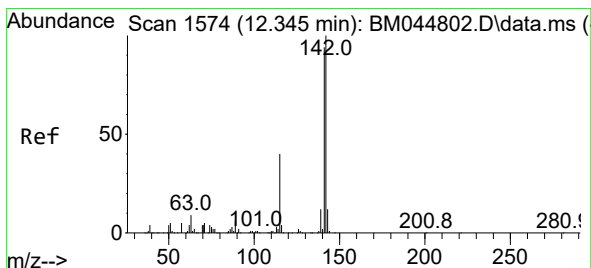
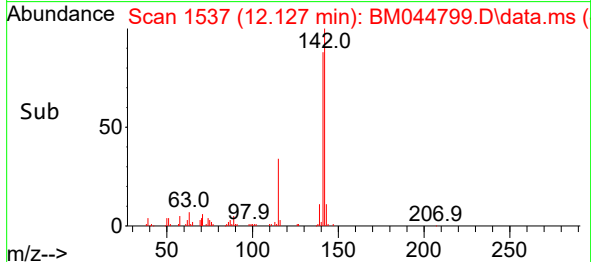
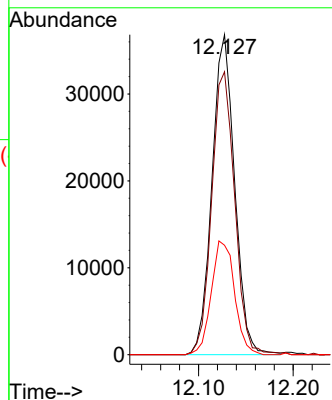
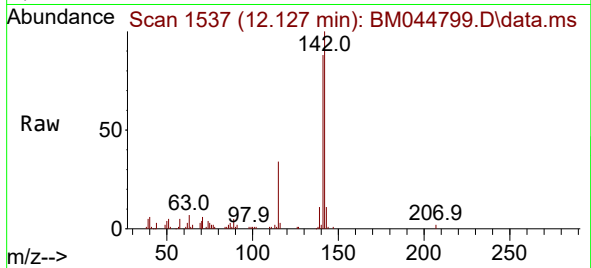




#37
2-Methylnaphthalene
Concen: 4.780 ng
RT: 12.127 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

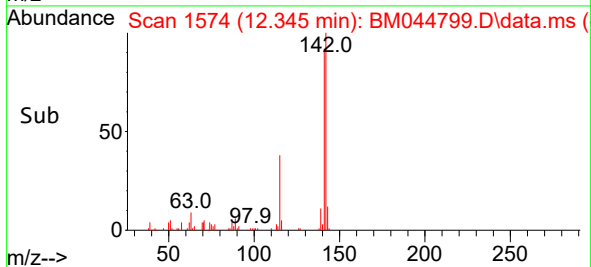
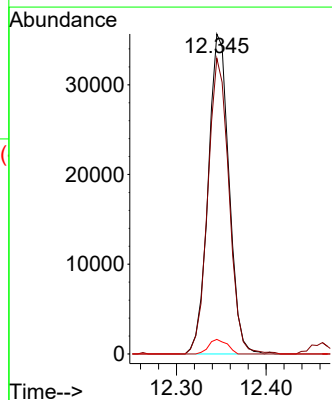
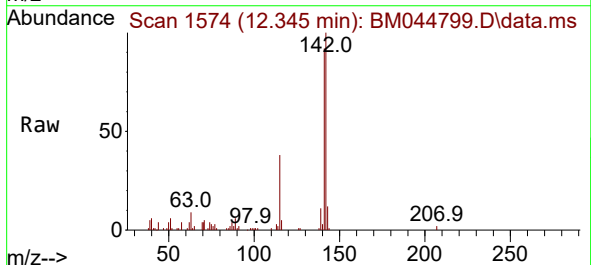
Instrument :
BNA_M
ClientSampleId :

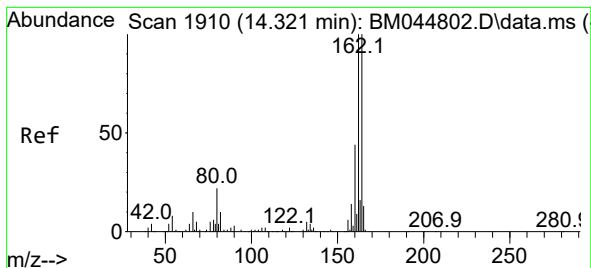
Tgt Ion:142 Resp: 61128
Ion Ratio Lower Upper
142 100
141 88.4 71.7 107.5
115 34.2 30.3 45.5



#38
1-Methylnaphthalene
Concen: 4.828 ng
RT: 12.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:142 Resp: 57543
Ion Ratio Lower Upper
142 100
141 92.4 75.6 113.4
116 4.6 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.321 min Scan# 1910

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

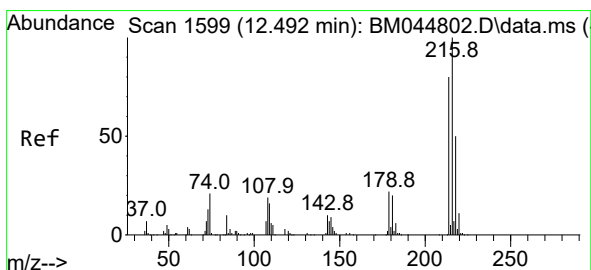
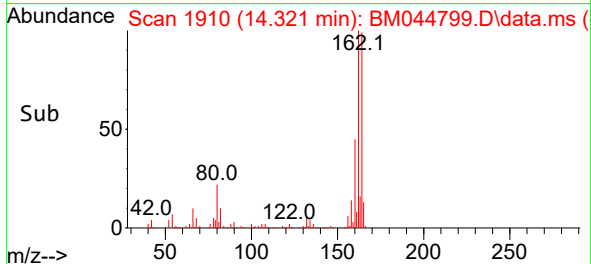
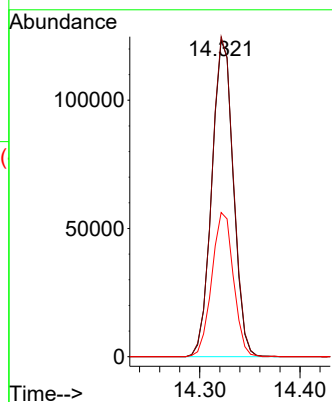
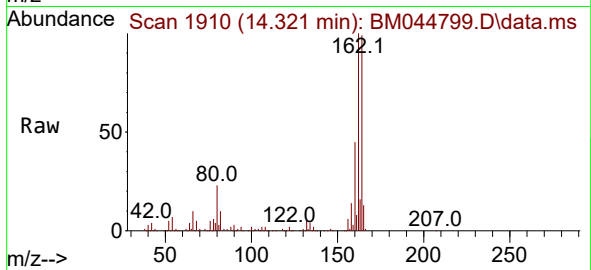
Tgt Ion:164 Resp: 184251

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.4

160 45.6 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.282 ng

RT: 12.492 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Tgt Ion:216 Resp: 27619

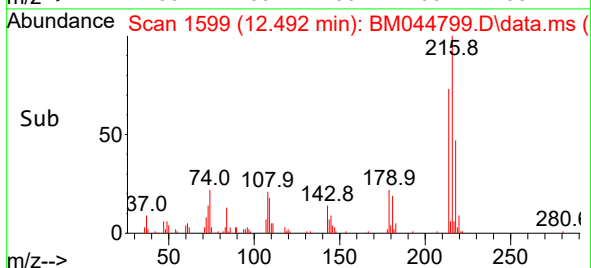
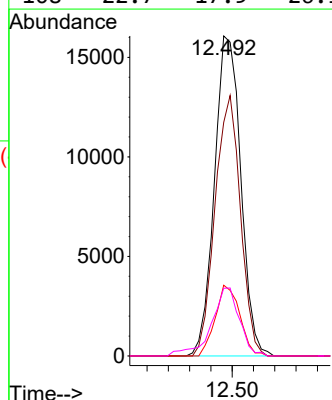
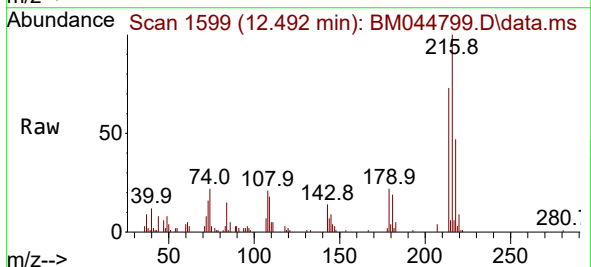
Ion Ratio Lower Upper

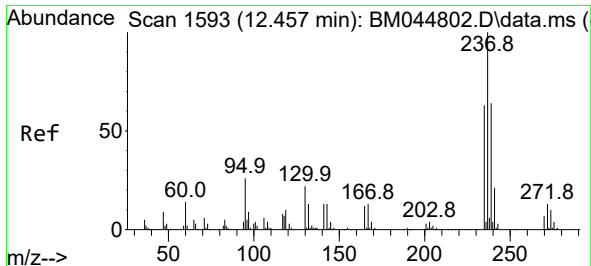
216 100

214 78.2 63.4 95.2

179 20.6 16.8 25.2

108 22.7 17.9 26.9

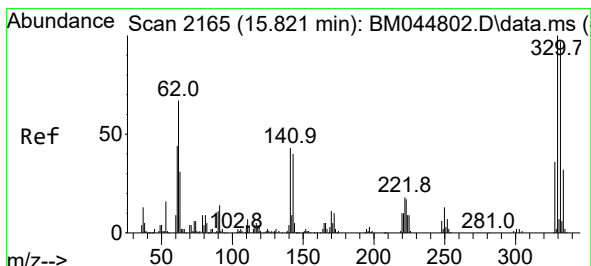
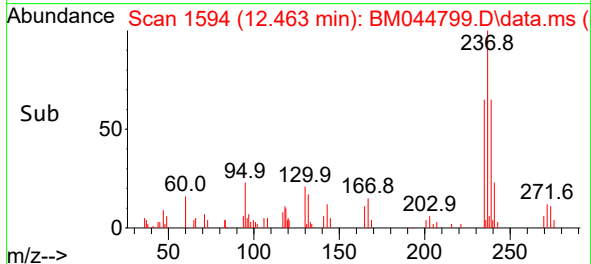
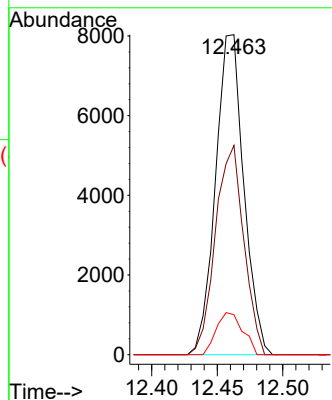
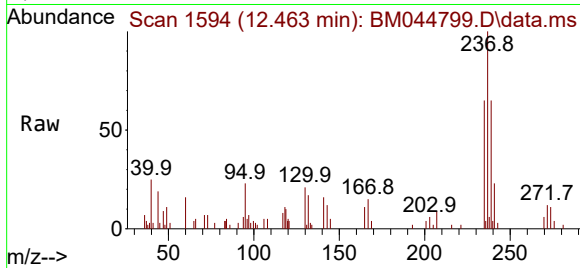




#41
Hexachlorocyclopentadiene
Concen: 4.052 ng
RT: 12.463 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

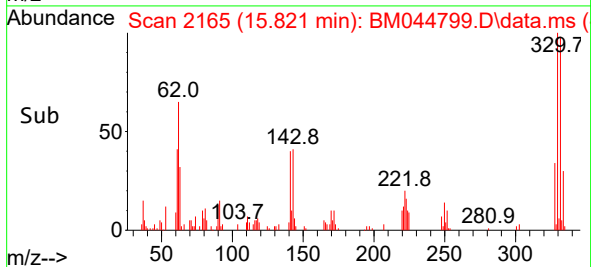
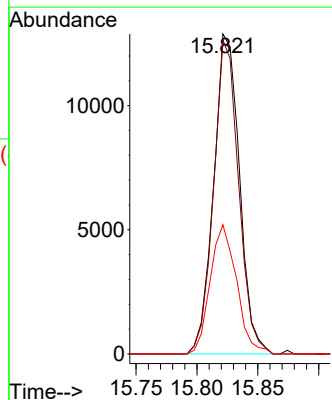
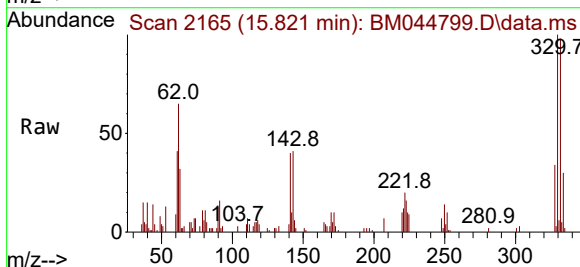
Instrument :
BNA_M
ClientSampleId :

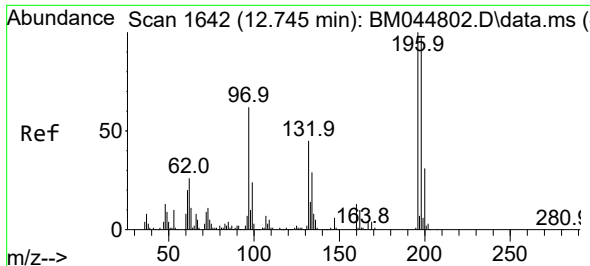
Tgt Ion:237 Resp: 12070
Ion Ratio Lower Upper
237 100
235 65.4 43.3 83.3
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 9.343 ng
RT: 15.821 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:330 Resp: 18988
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 41.2 34.1 51.1

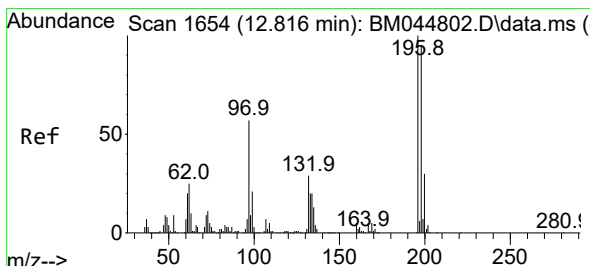
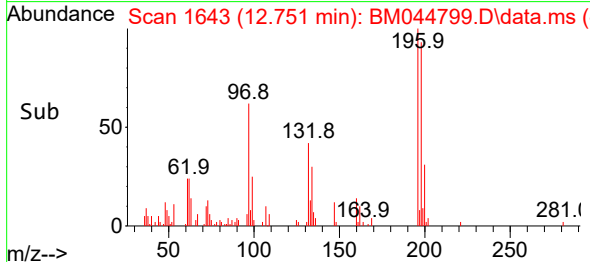
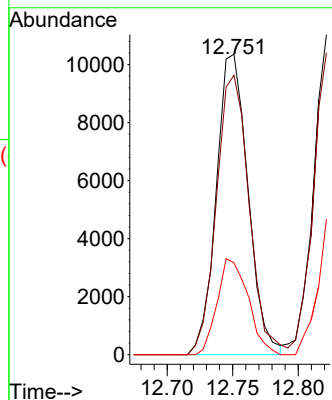
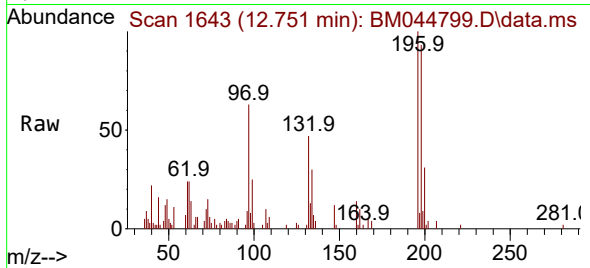




#43
2,4,6-Trichlorophenol
Concen: 4.939 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

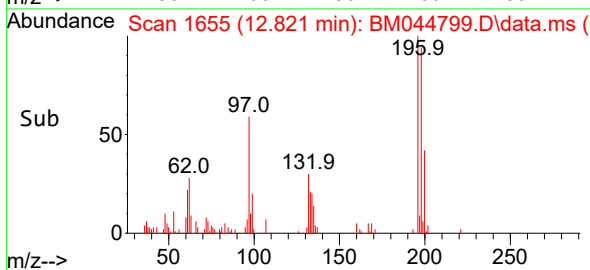
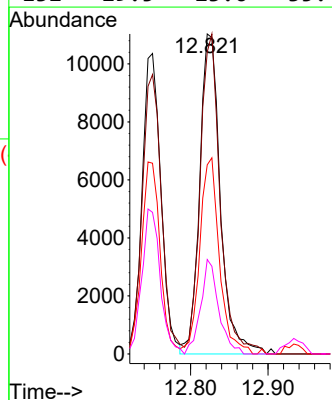
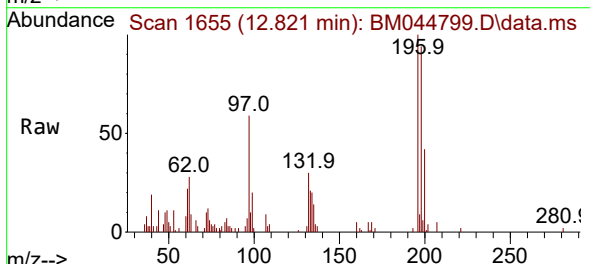
Instrument :
BNA_M
ClientSampleId :

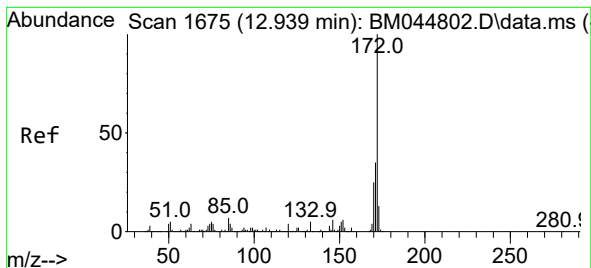
Tgt Ion:196 Resp: 17438
Ion Ratio Lower Upper
196 100
198 93.0 77.3 115.9
200 30.6 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 4.900 ng
RT: 12.821 min Scan# 1655
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:196 Resp: 20498
Ion Ratio Lower Upper
196 100
198 94.4 76.0 114.0
97 59.1 45.5 68.3
132 29.5 23.6 35.4





#45

2-Fluorobiphenyl

Concen: 10.557 ng

RT: 12.939 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

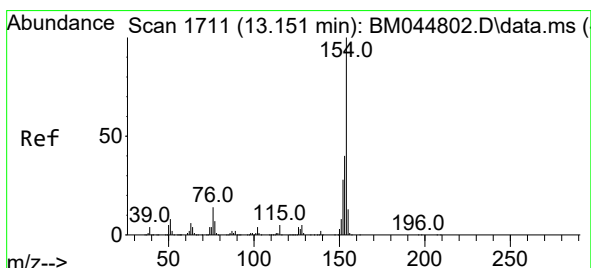
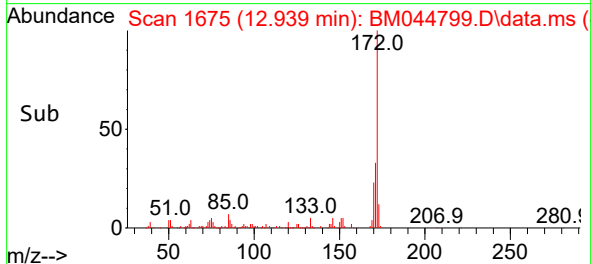
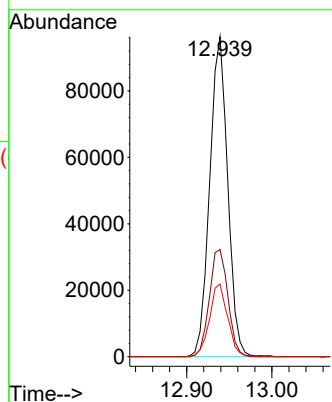
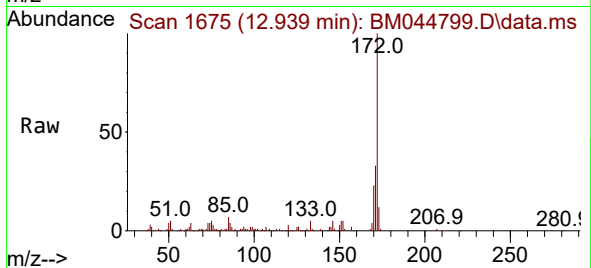
Tgt Ion:172 Resp: 141234

Ion Ratio Lower Upper

172 100

171 33.5 27.8 41.8

170 22.7 19.8 29.6



#46

1,1'-Biphenyl

Concen: 5.067 ng

RT: 13.151 min Scan# 1711

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

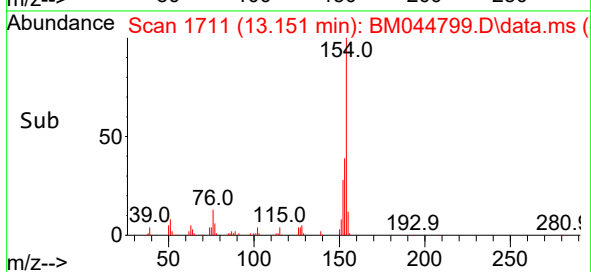
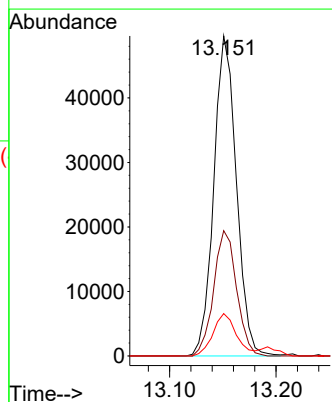
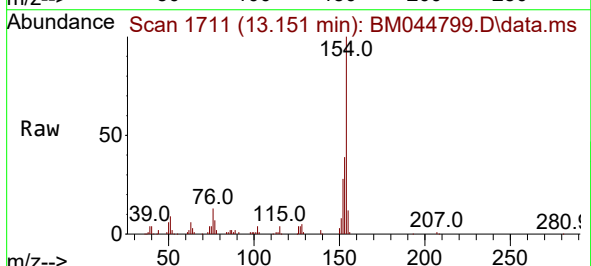
Tgt Ion:154 Resp: 73016

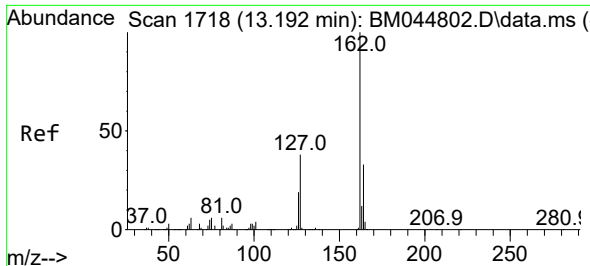
Ion Ratio Lower Upper

154 100

153 39.2 20.1 60.1

76 13.3 0.0 34.2

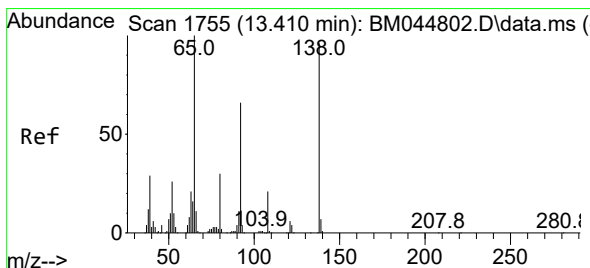
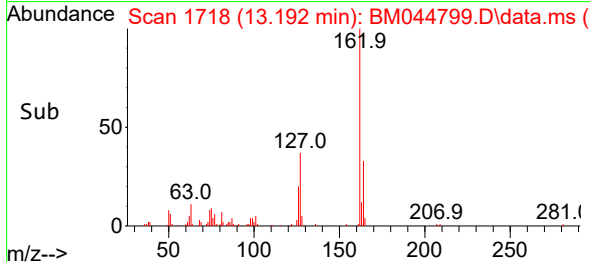
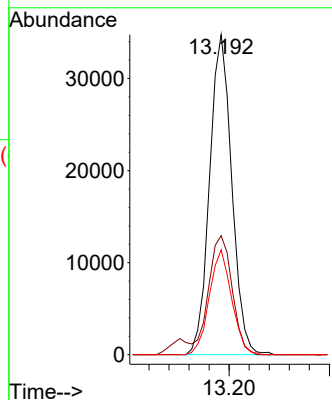
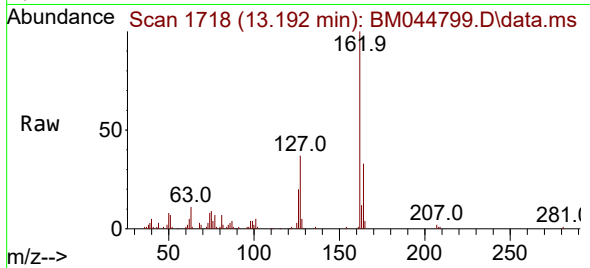




#47
2-Chloronaphthalene
Concen: 5.001 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

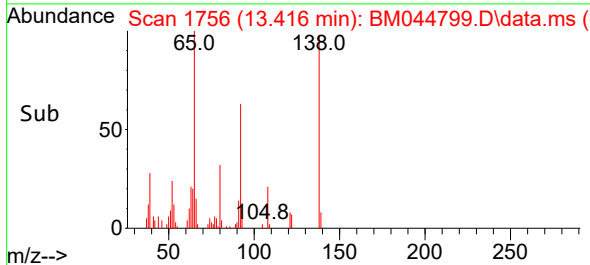
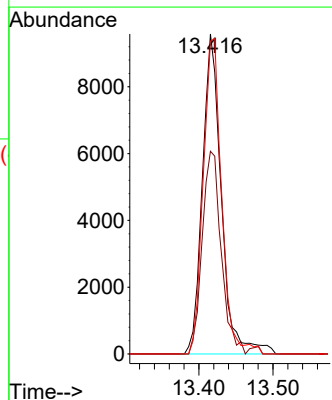
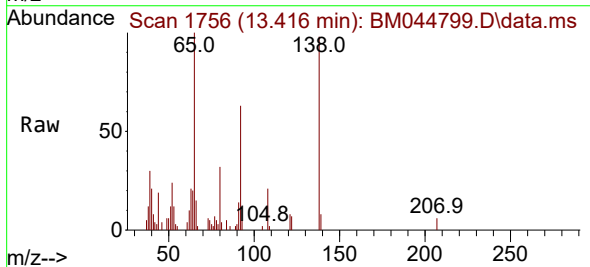
Instrument :
BNA_M
ClientSampleId :

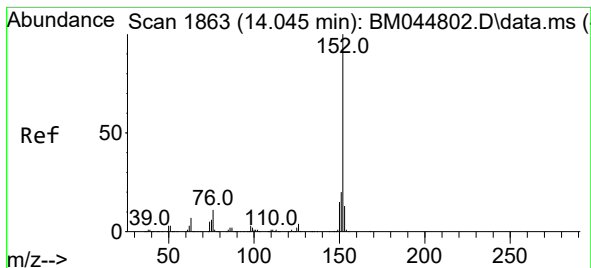
Tgt Ion:162 Resp: 53292
Ion Ratio Lower Upper
162 100
127 37.2 32.6 48.8
164 32.8 26.0 39.0



#48
2-Nitroaniline
Concen: 4.693 ng
RT: 13.416 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion: 65 Resp: 16970
Ion Ratio Lower Upper
65 100
92 63.4 52.4 78.6
138 97.7 76.9 115.3





#49

Acenaphthylene

Concen: 4.902 ng

RT: 14.045 min Scan# 1863

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

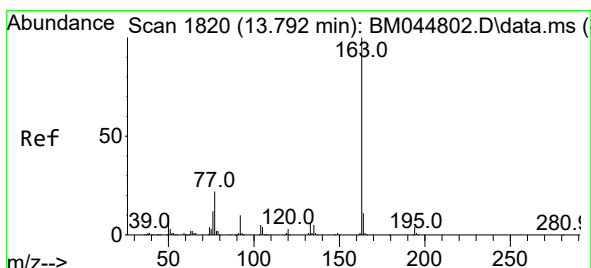
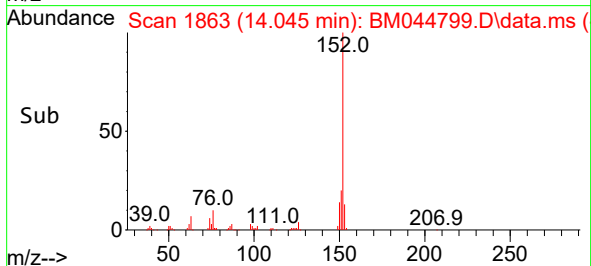
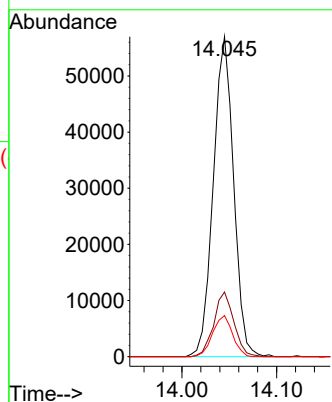
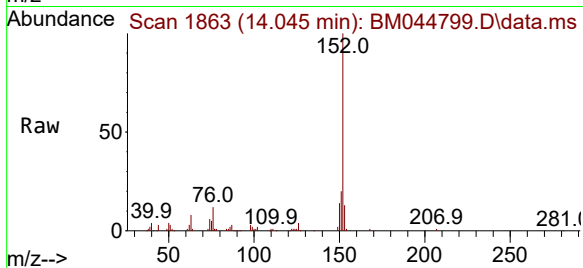
Tgt Ion:152 Resp: 85103

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 12.9 10.2 15.2



#50

Dimethylphthalate

Concen: 4.674 ng

RT: 13.792 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

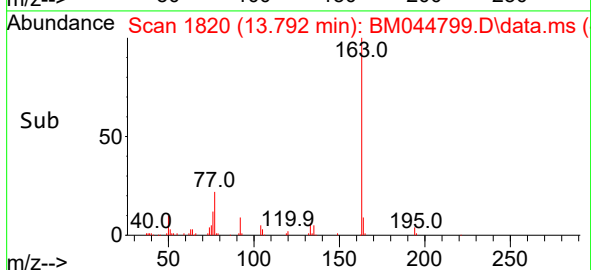
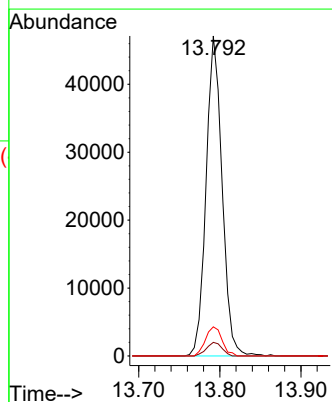
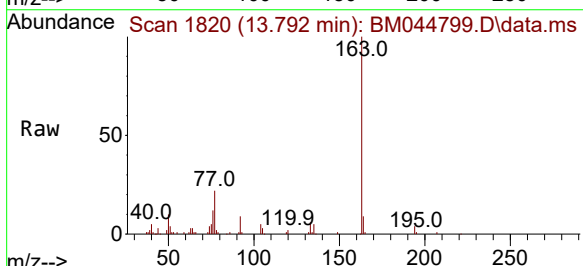
Tgt Ion:163 Resp: 64417

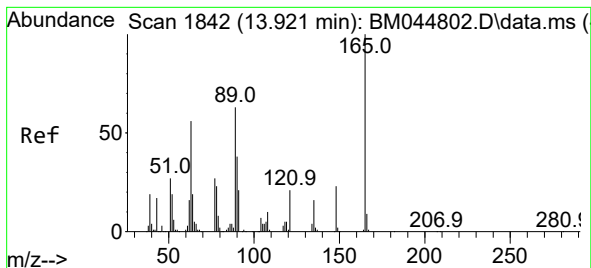
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

164 9.1 8.5 12.7

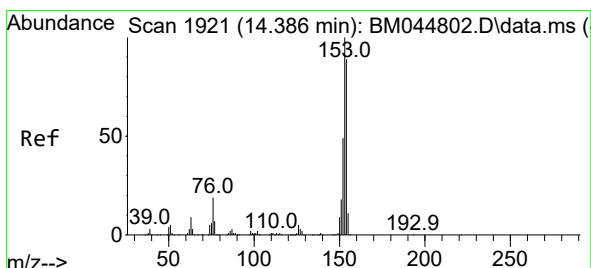
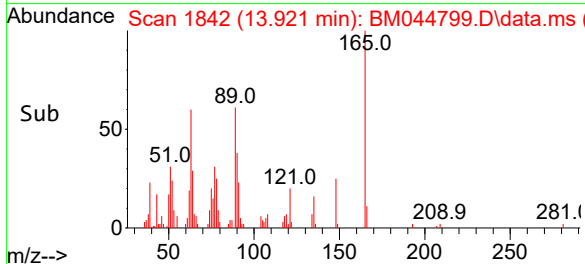
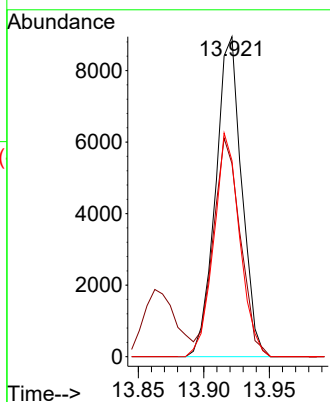
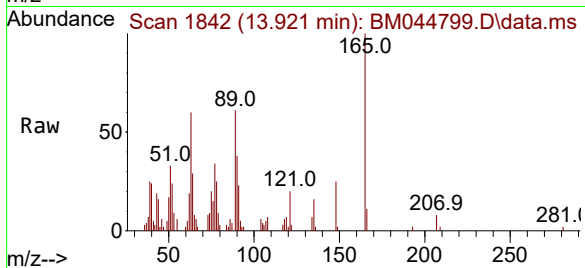




#51
2,6-Dinitrotoluene
Concen: 4.315 ng
RT: 13.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

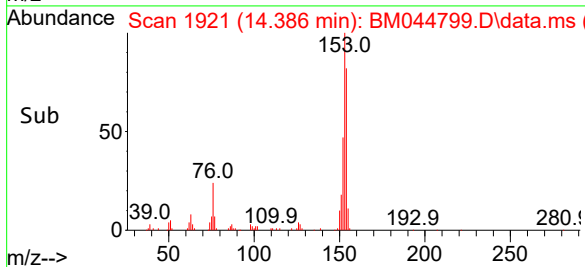
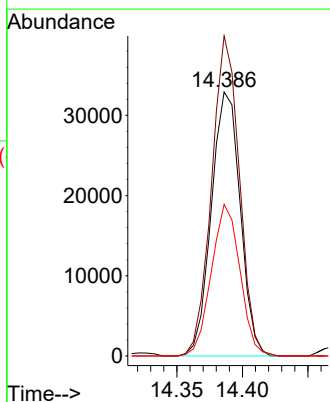
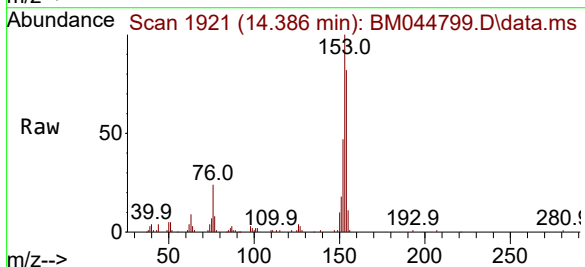
Instrument :
BNA_M
ClientSampleId :

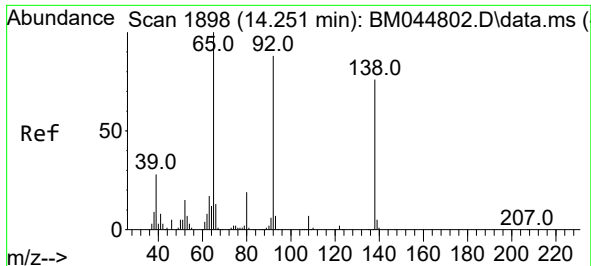
Tgt Ion:165 Resp: 12384
Ion Ratio Lower Upper
165 100
63 60.4 53.8 80.6
89 61.3 50.4 75.6



#52
Acenaphthene
Concen: 4.797 ng
RT: 14.386 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:154 Resp: 50337
Ion Ratio Lower Upper
154 100
153 121.2 90.2 135.2
152 57.4 44.2 66.4

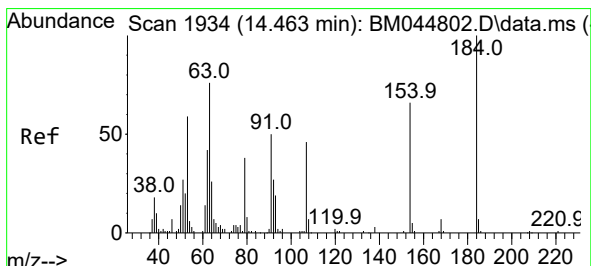
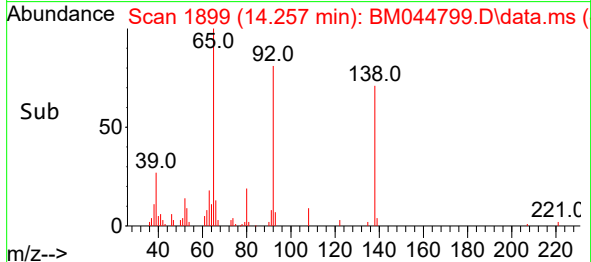
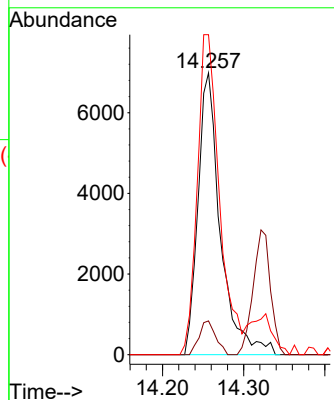
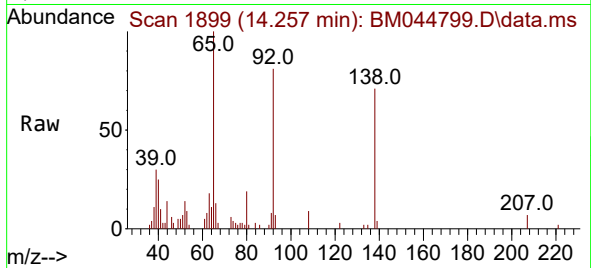




#53
3-Nitroaniline
Concen: 3.977 ng
RT: 14.257 min Scan# 1899
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

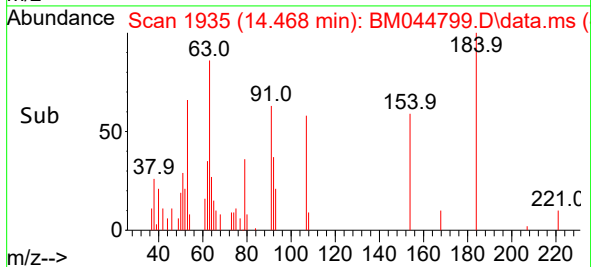
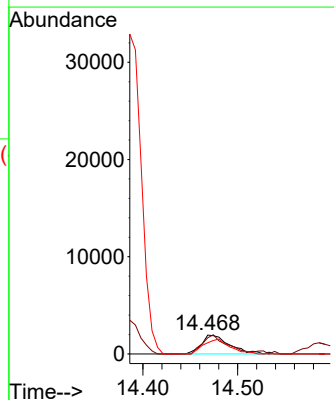
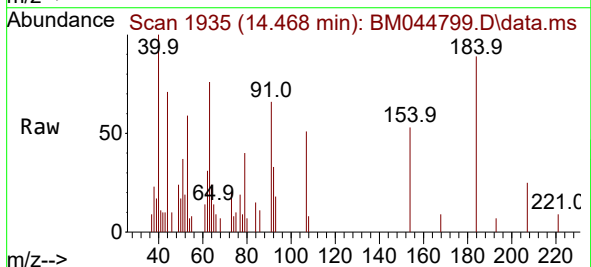
Instrument :
BNA_M
ClientSampleId :

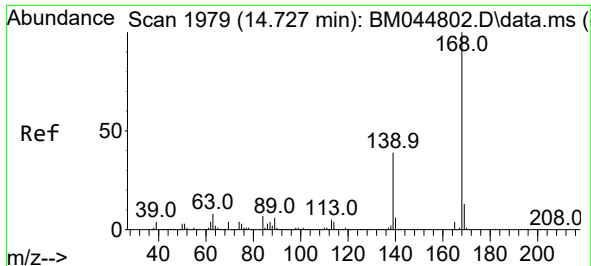
Tgt Ion:138 Resp: 13364
Ion Ratio Lower Upper
138 100
108 12.0 7.6 11.4#
92 113.5 91.6 137.4



#54
2,4-Dinitrophenol
Concen: 2.440 ng
RT: 14.468 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:184 Resp: 4051
Ion Ratio Lower Upper
184 100
63 85.6 60.9 91.3
154 59.5 54.2 81.4

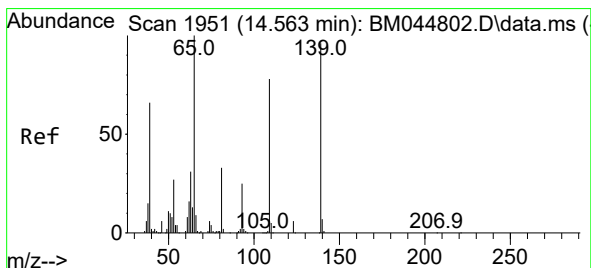
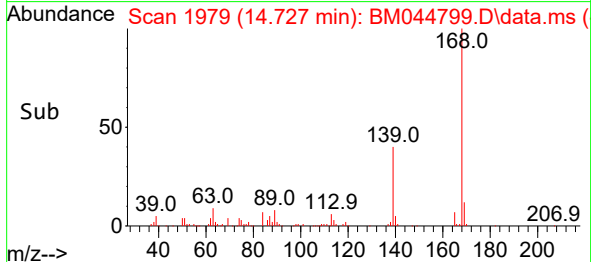
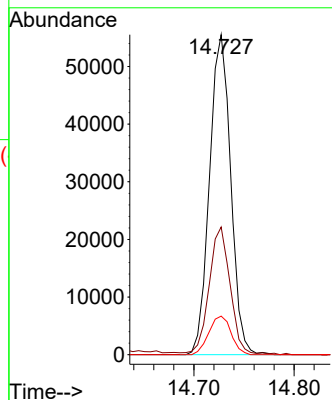
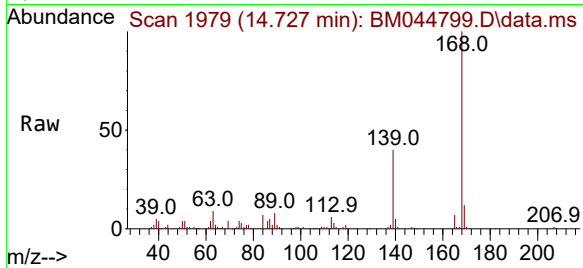




#55
Dibenzofuran
Concen: 4.902 ng
RT: 14.727 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

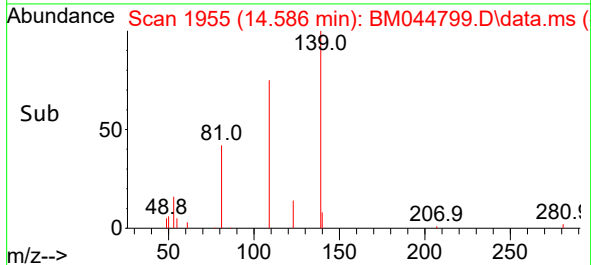
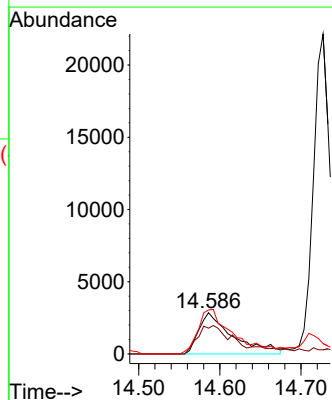
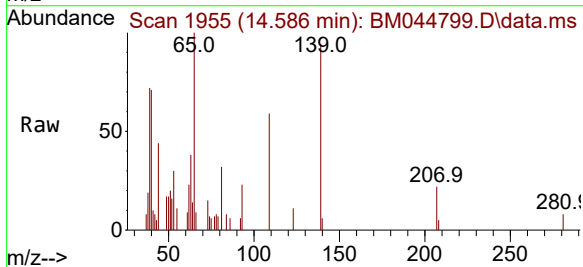
Instrument :
BNA_M
ClientSampleId :

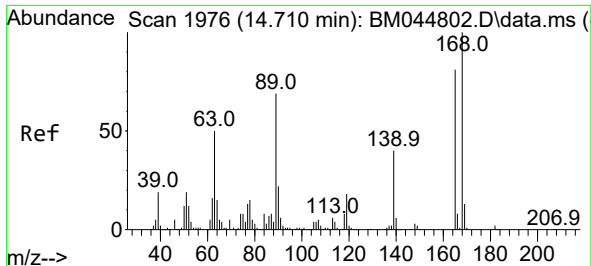
Tgt Ion:168 Resp: 81647
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.0
169 12.1 10.6 15.8



#56
4-Nitrophenol
Concen: 3.009 ng
RT: 14.586 min Scan# 1955
Delta R.T. 0.024 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:139 Resp: 8306
Ion Ratio Lower Upper
139 100
109 62.6 60.6 100.6
65 106.6 83.8 123.8





#57

2,4-Dinitrotoluene

Concen: 4.103 ng

RT: 14.715 min Scan# 1977

Delta R.T. 0.006 min

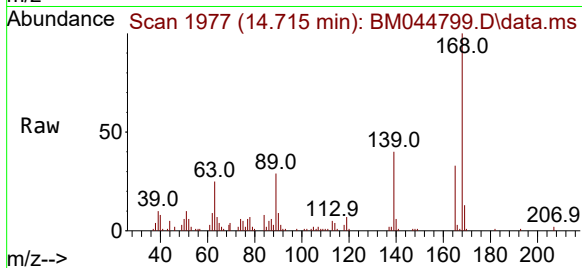
Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:165 Resp: 15387

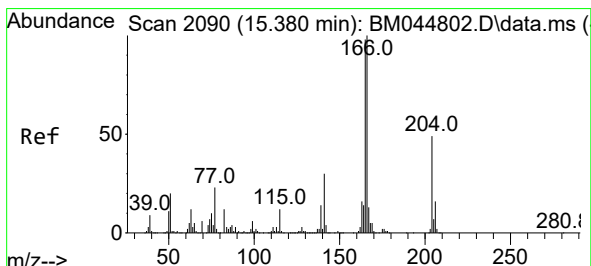
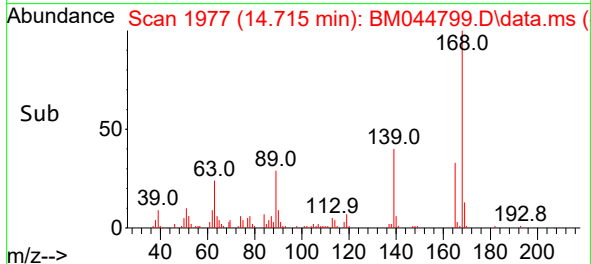
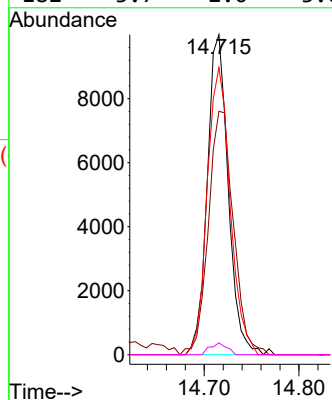
Ion Ratio Lower Upper

165 100

63 76.1 49.9 74.9#

89 89.7 68.6 102.8

182 3.7 2.0 3.0#



#58

Fluorene

Concen: 4.788 ng

RT: 15.380 min Scan# 2090

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

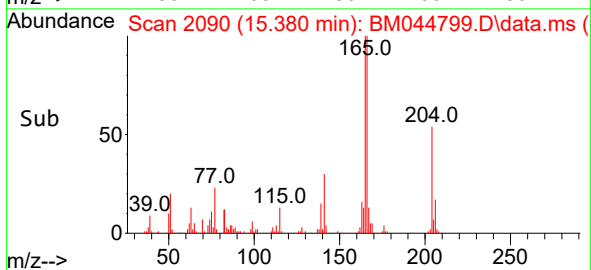
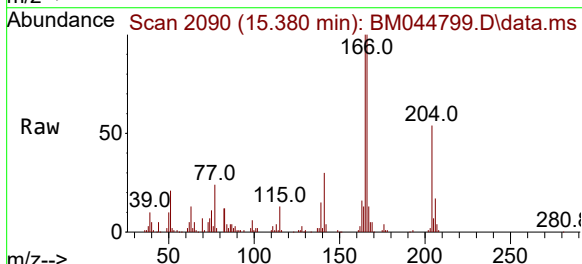
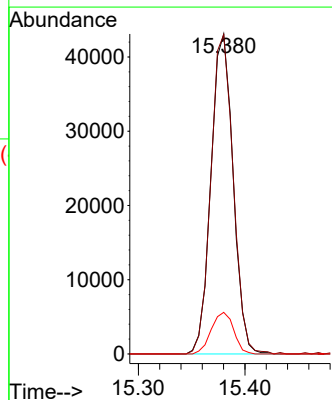
Tgt Ion:166 Resp: 62104

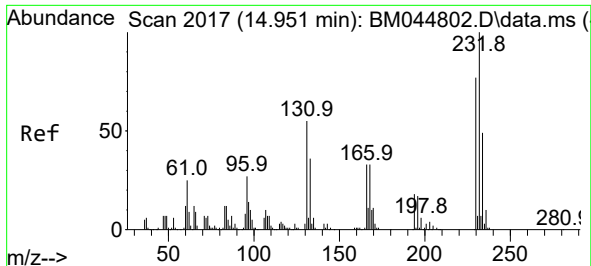
Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

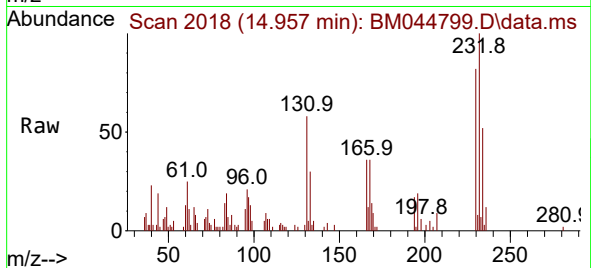
167 13.0 10.8 16.2



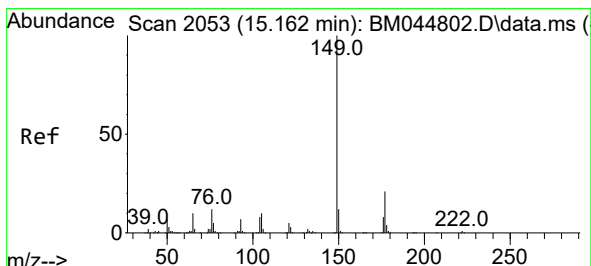
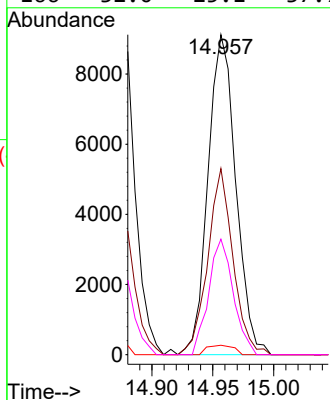
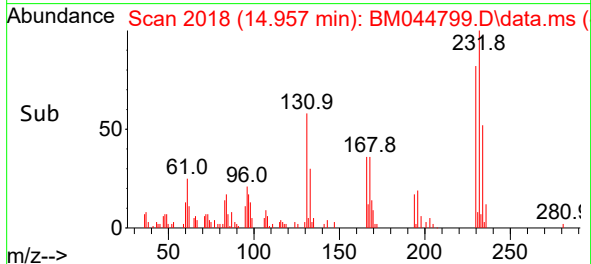


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.460 ng
RT: 14.957 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

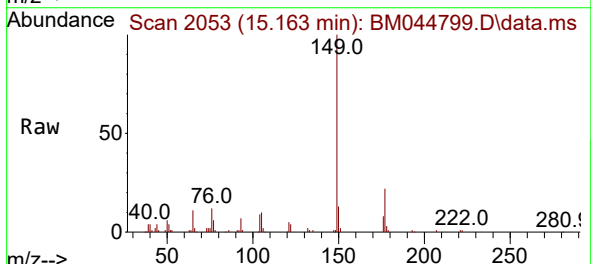
Instrument :
BNA_M
ClientSampleId :



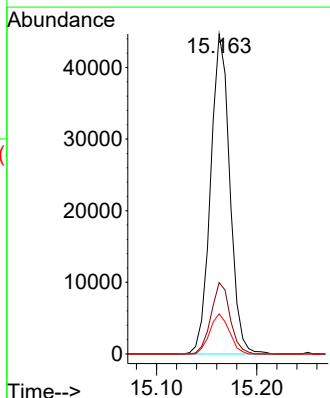
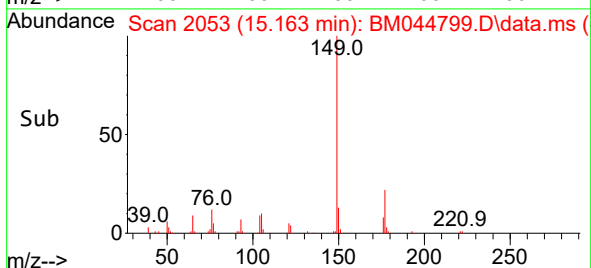
Tgt Ion:232 Resp: 14487
Ion Ratio Lower Upper
232 100
131 52.9 42.0 63.0
130 2.8 2.2 3.2
166 32.0 25.1 37.7

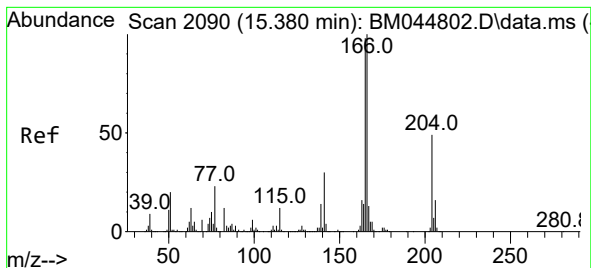


#60
Diethylphthalate
Concen: 4.258 ng
RT: 15.163 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36



Tgt Ion:149 Resp: 59398
Ion Ratio Lower Upper
149 100
177 22.3 16.4 24.6
150 12.5 9.8 14.8

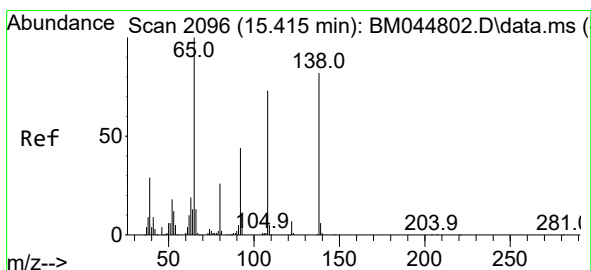
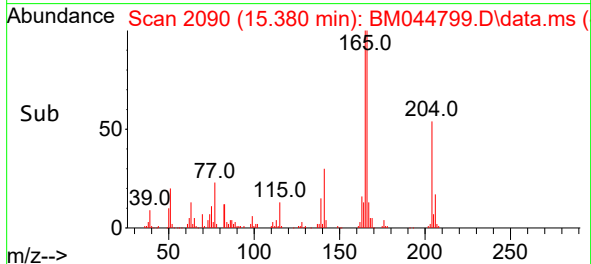
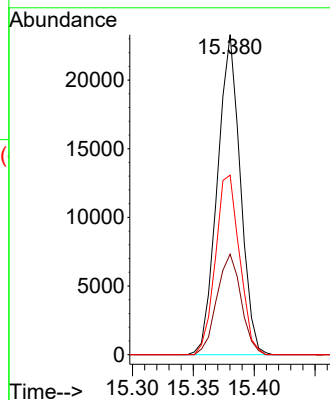
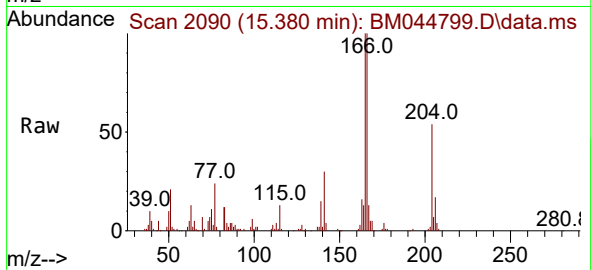




#61
4-Chlorophenyl-phenylether
Concen: 4.914 ng
RT: 15.380 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

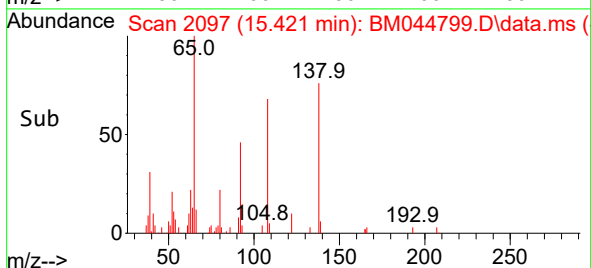
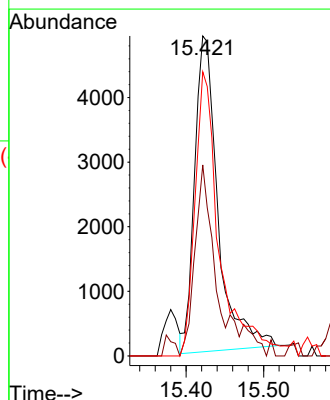
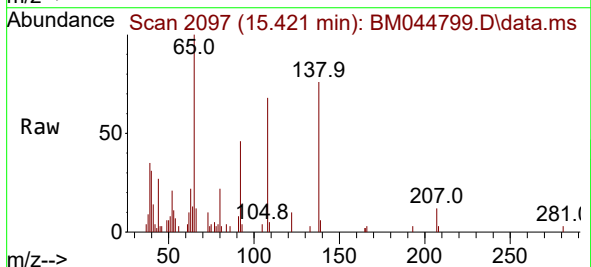
Instrument :
BNA_M
ClientSampleId :

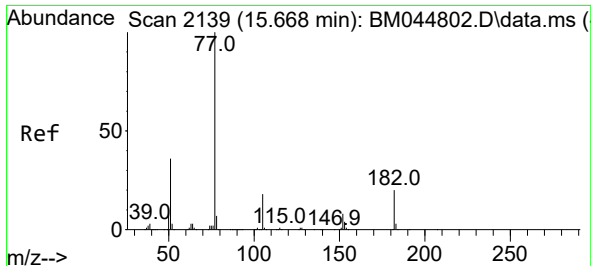
Tgt Ion:204 Resp: 30595
Ion Ratio Lower Upper
204 100
206 31.4 25.5 38.3
141 56.1 49.5 74.3



#62
4-Nitroaniline
Concen: 3.067 ng
RT: 15.421 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:138 Resp: 10295
Ion Ratio Lower Upper
138 100
92 59.7 34.4 74.4
108 88.8 68.8 108.8

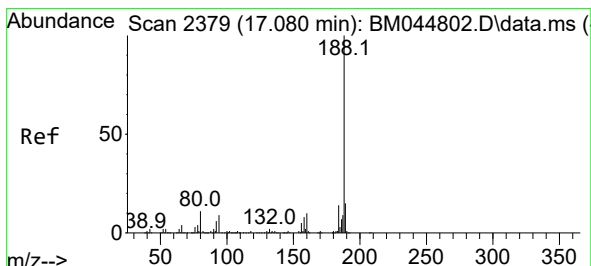
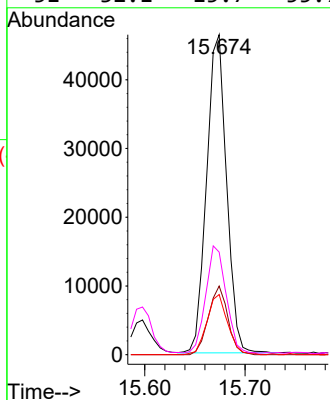
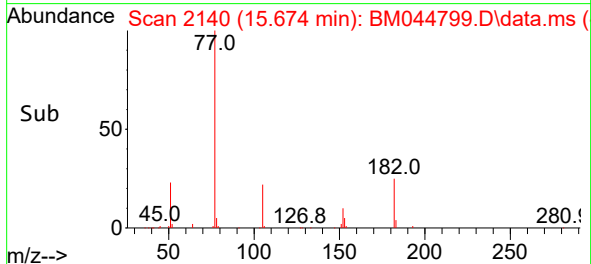
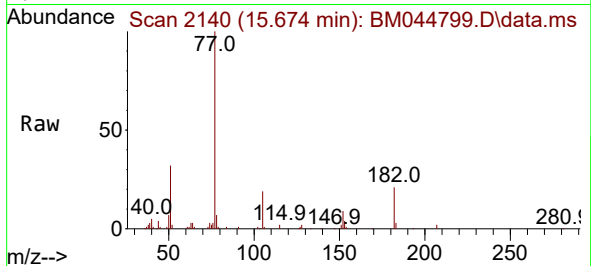




#63
 Azobenzene
 Concen: 4.444 ng
 RT: 15.674 min Scan# 2140
 Delta R.T. 0.006 min
 Lab File: BM044799.D
 Acq: 28 Mar 2024 18:36

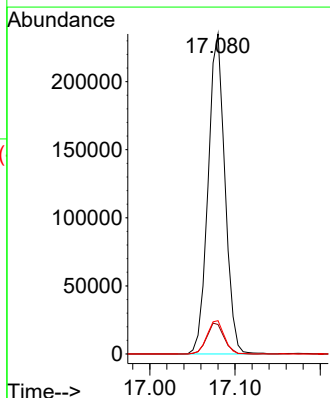
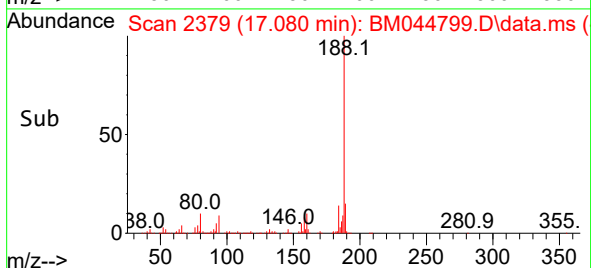
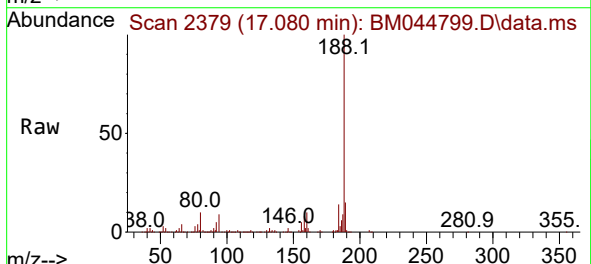
Instrument :
 BNA_M
 ClientSampleId :

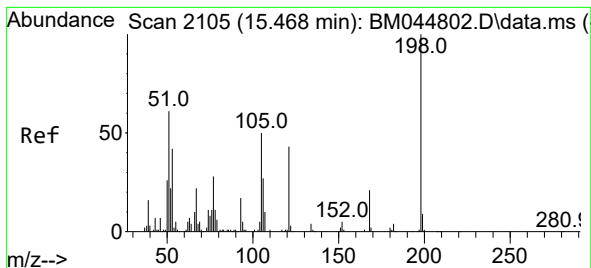
Tgt Ion: 77	Resp: 64094
Ion Ratio	Lower Upper
77 100	
182 21.4	0.3 40.3
105 18.8	0.0 38.4
51 32.1	15.7 55.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.080 min Scan# 2379
 Delta R.T. 0.000 min
 Lab File: BM044799.D
 Acq: 28 Mar 2024 18:36

Tgt Ion: 188	Resp: 322874
Ion Ratio	Lower Upper
188 100	
94 9.2	7.4 11.0
80 10.4	8.6 12.8

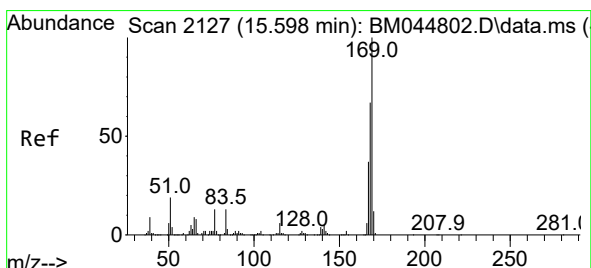
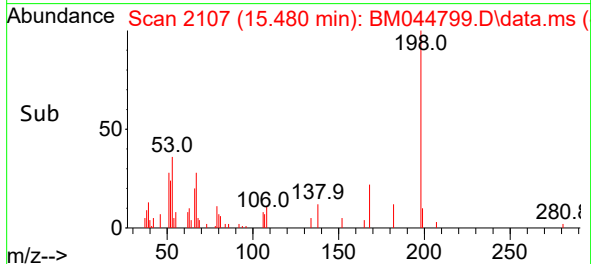
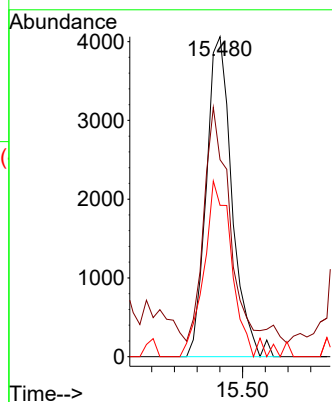
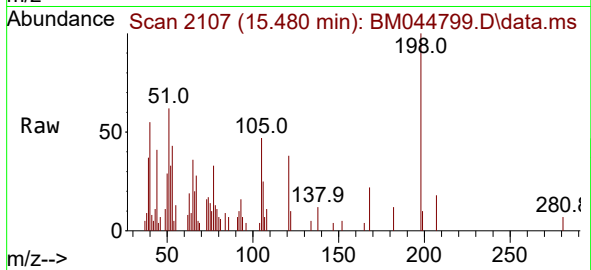




#65
4,6-Dinitro-2-methylphenol
Concen: 3.145 ng
RT: 15.480 min Scan# 2105
Delta R.T. 0.012 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

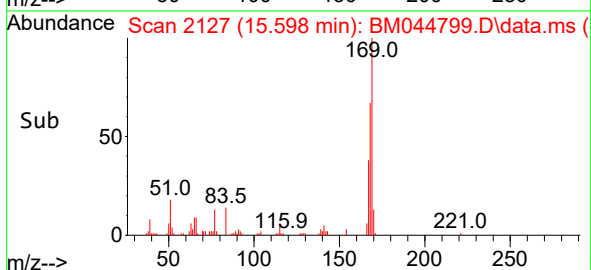
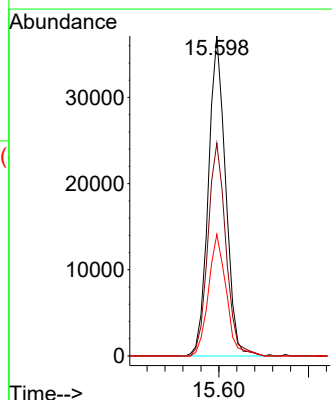
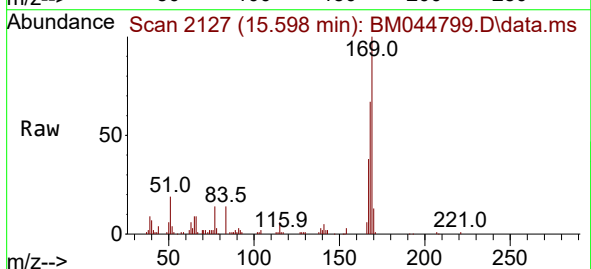
Instrument :
BNA_M
ClientSampleId :

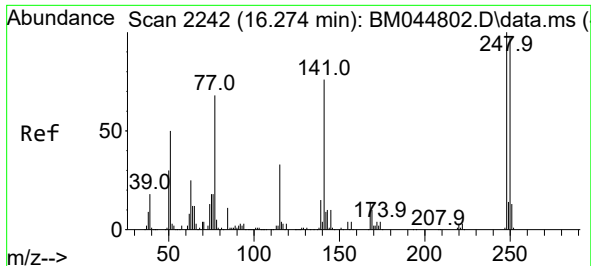
Tgt Ion:198 Resp: 6369
Ion Ratio Lower Upper
198 100
51 61.5 44.2 84.2
105 47.3 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 4.914 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:169 Resp: 49445
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 38.0 29.4 44.2

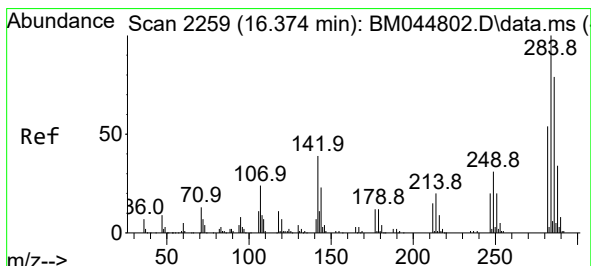
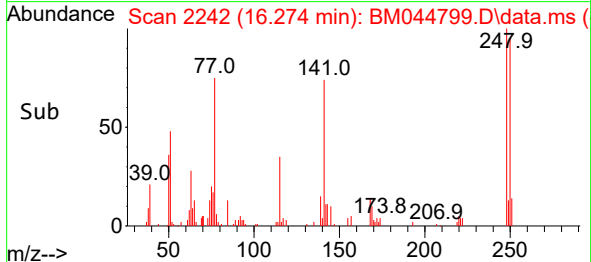
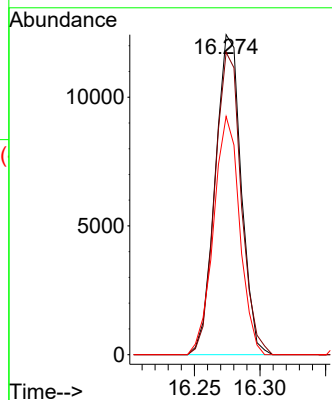
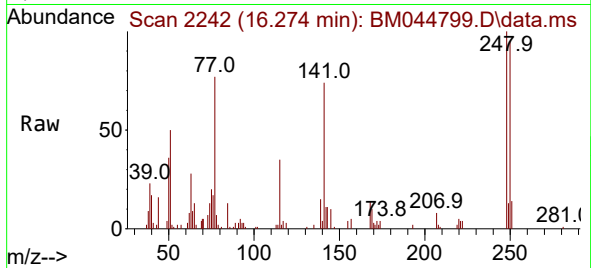




#67
4-Bromophenyl-phenylether
Concen: 5.131 ng
RT: 16.274 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

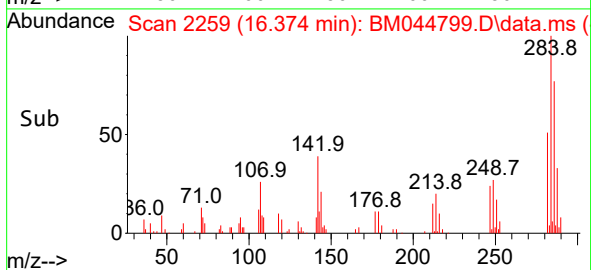
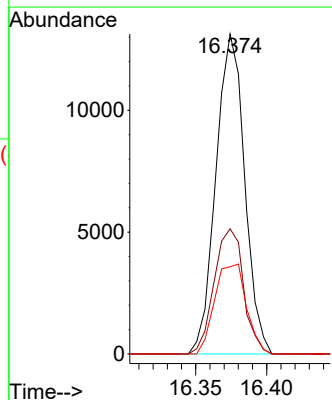
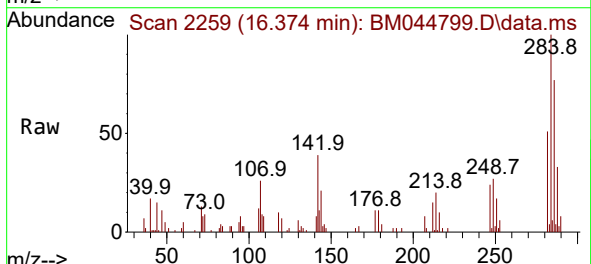
Instrument :
BNA_M
ClientSampleId :

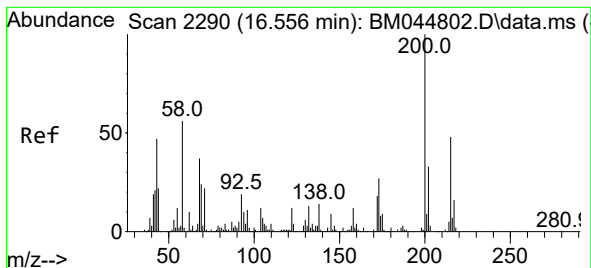
Tgt Ion:248 Resp: 17137
Ion Ratio Lower Upper
248 100
250 94.5 77.7 116.5
141 74.5 60.7 91.1



#68
Hexachlorobenzene
Concen: 5.197 ng
RT: 16.374 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:284 Resp: 18448
Ion Ratio Lower Upper
284 100
142 50.4 31.0 46.4#
249 27.2 24.6 37.0





#69

Atrazine

Concen: 4.349 ng

RT: 16.562 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

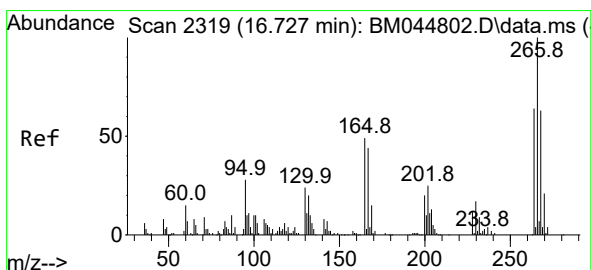
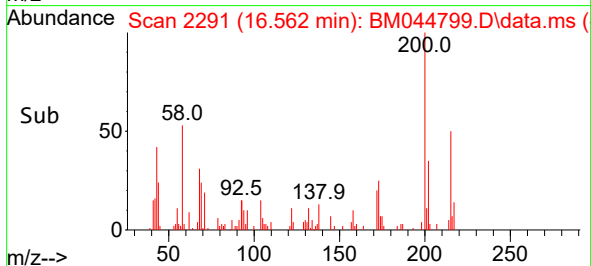
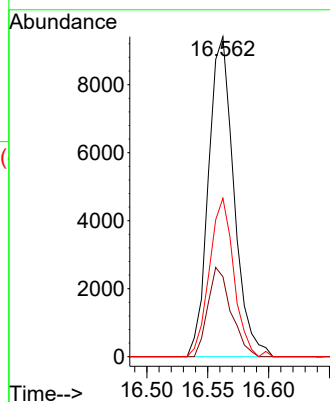
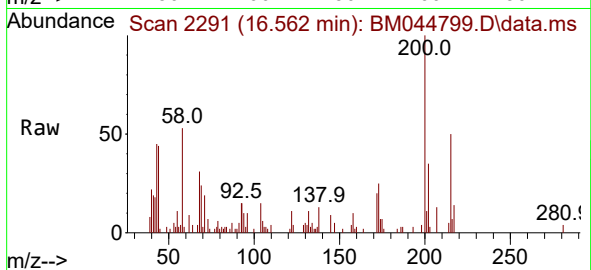
Tgt Ion:200 Resp: 13675

Ion Ratio Lower Upper

200 100

173 25.0 7.5 47.5

215 49.5 28.4 68.4



#70

Pentachlorophenol

Concen: 3.962 ng

RT: 16.733 min Scan# 2320

Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

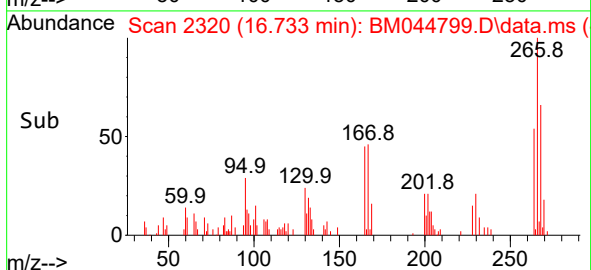
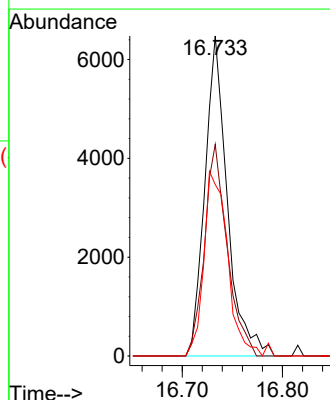
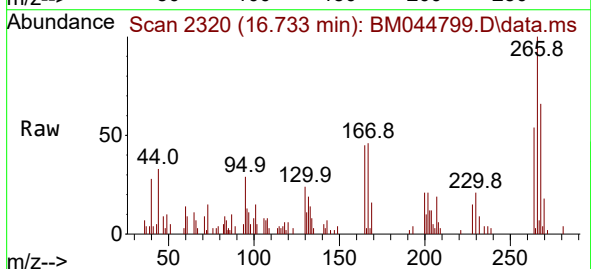
Tgt Ion:266 Resp: 10117

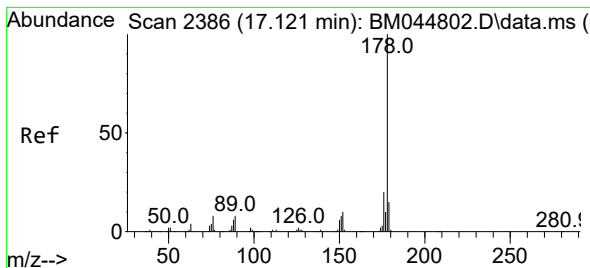
Ion Ratio Lower Upper

266 100

268 66.1 50.6 75.8

264 56.5 51.3 76.9





#71

Phenanthrene

Concen: 4.922 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

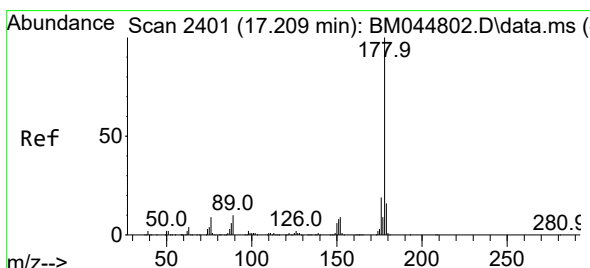
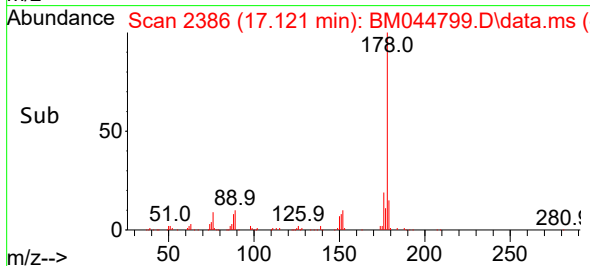
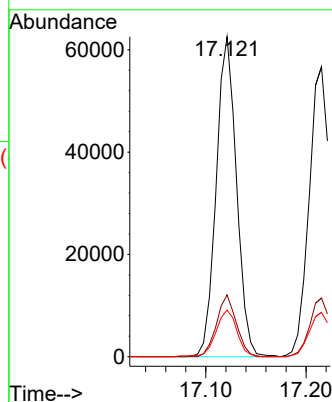
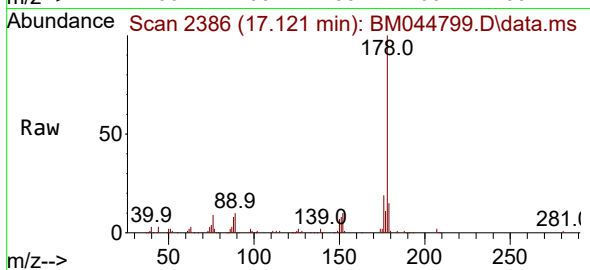
Tgt Ion:178 Resp: 87822

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

179 14.5 12.2 18.2



#72

Anthracene

Concen: 4.763 ng

RT: 17.215 min Scan# 2402

Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

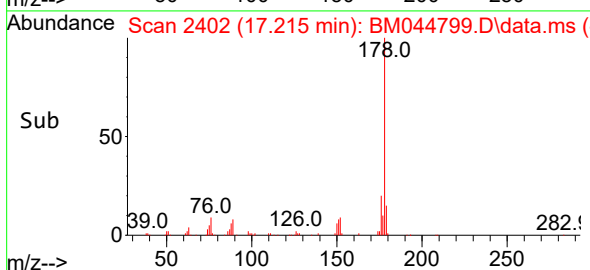
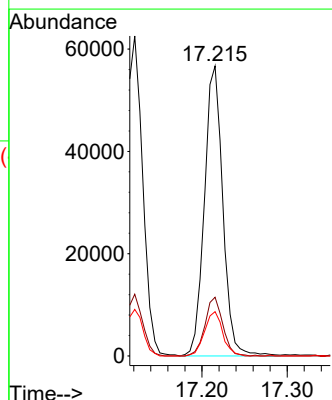
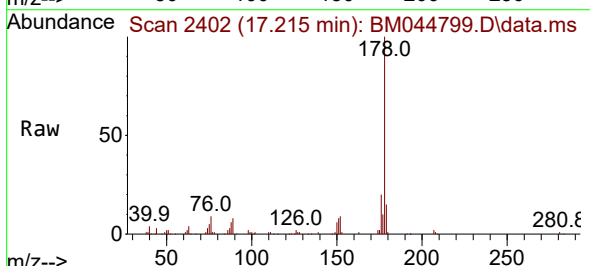
Tgt Ion:178 Resp: 85227

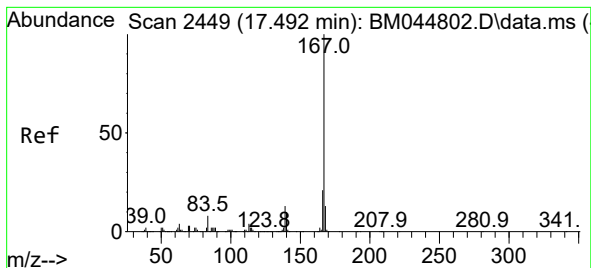
Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

179 15.3 12.8 19.2





#73

Carbazole

Concen: 4.372 ng

RT: 17.498 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

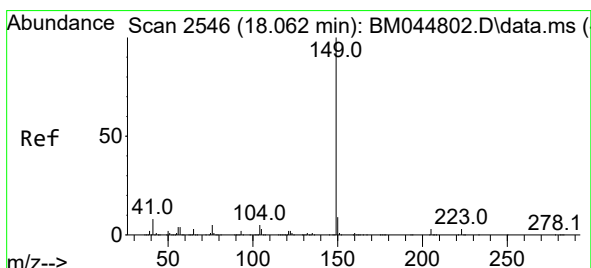
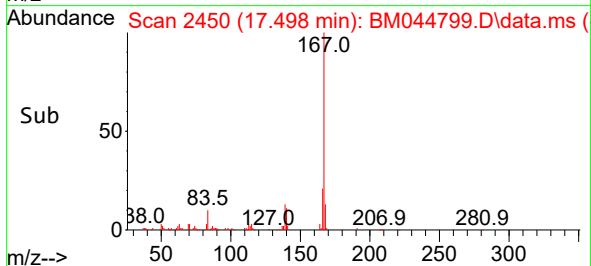
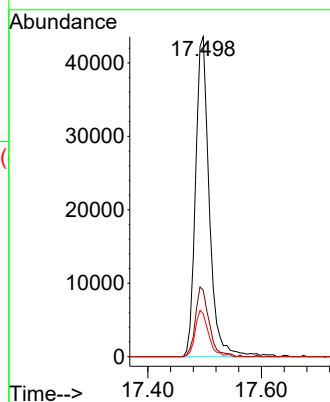
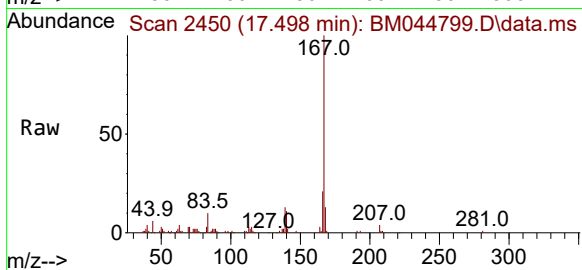
Tgt Ion:167 Resp: 73688

Ion Ratio Lower Upper

167 100

166 20.8 17.0 25.6

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 3.952 ng

RT: 18.062 min Scan# 2546

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

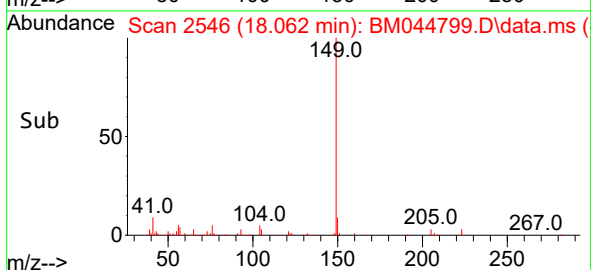
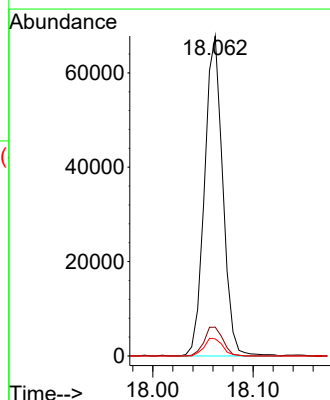
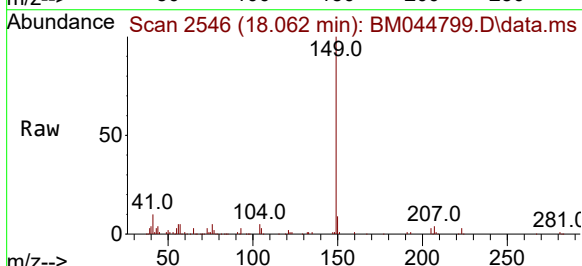
Tgt Ion:149 Resp: 85821

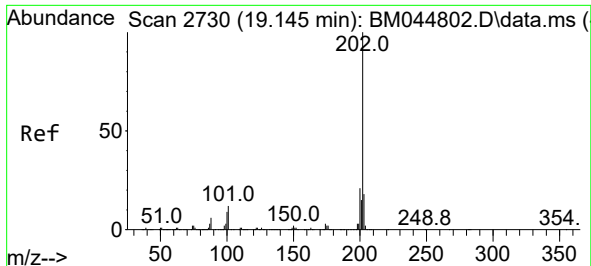
Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

104 5.3 4.2 6.4

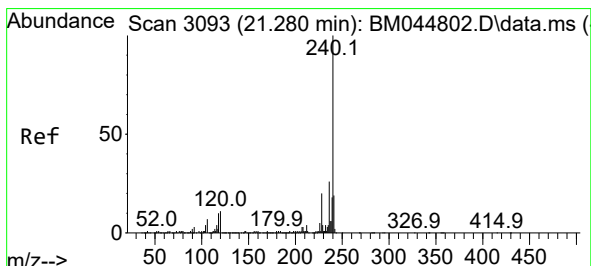
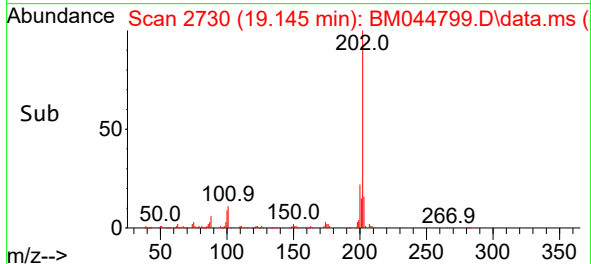
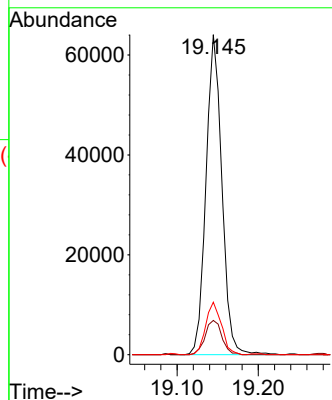
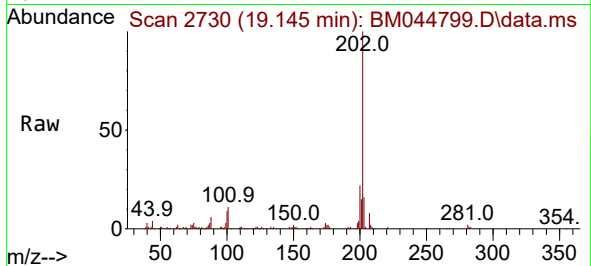




#75
Fluoranthene
Concen: 4.358 ng
RT: 19.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

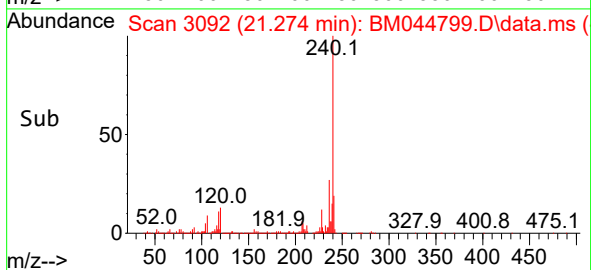
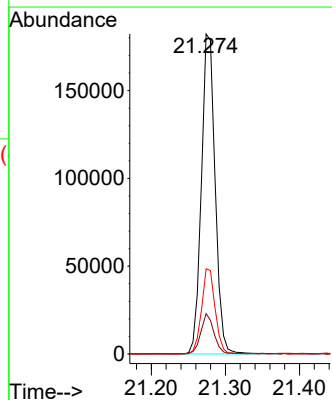
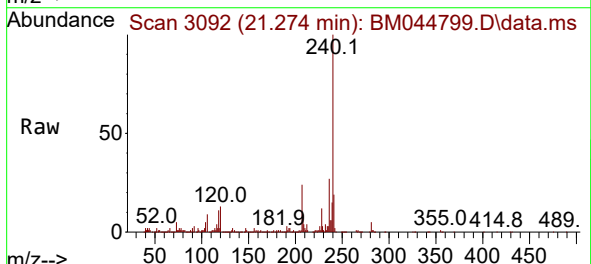
Instrument :
BNA_M
ClientSampleId :

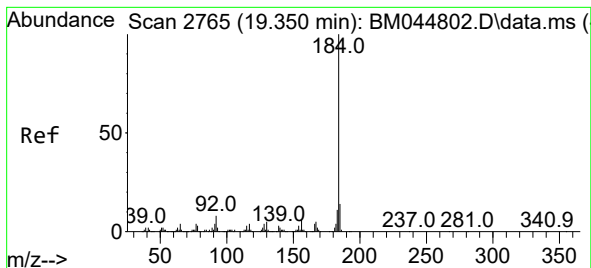
Tgt Ion:202 Resp: 86932
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.2
203 16.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:240 Resp: 234994
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.6 20.8 31.2





#77

Benzidine

Concen: 4.079 ng

RT: 19.356 min Scan# 2766

Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

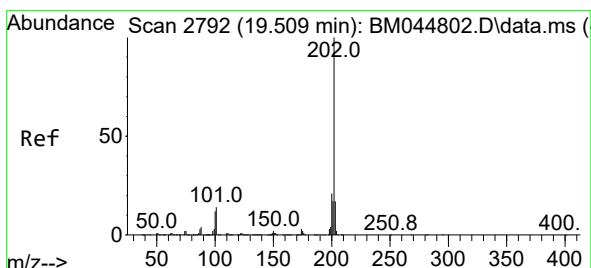
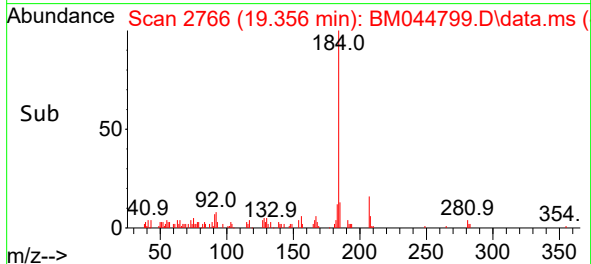
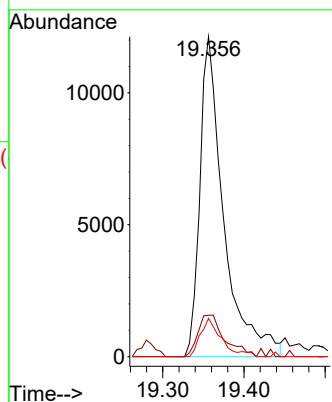
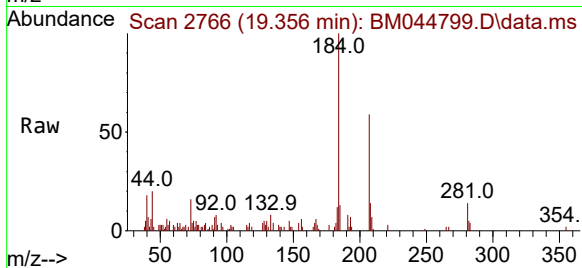
Tgt Ion:184 Resp: 24771

Ion Ratio Lower Upper

184 100

185 13.0 11.2 16.8

183 11.9 9.0 13.6



#78

Pyrene

Concen: 5.161 ng

RT: 19.509 min Scan# 2792

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

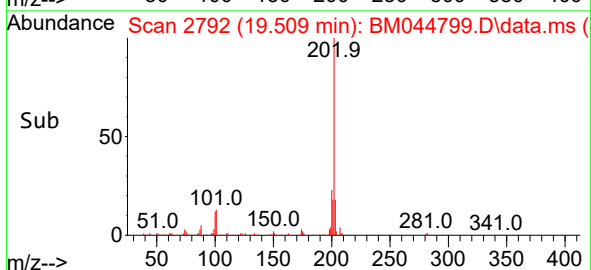
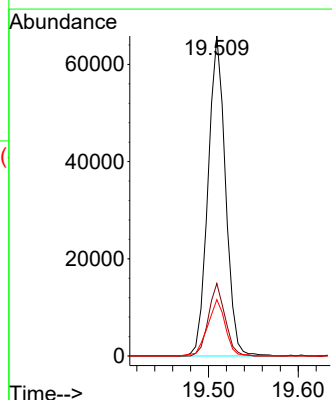
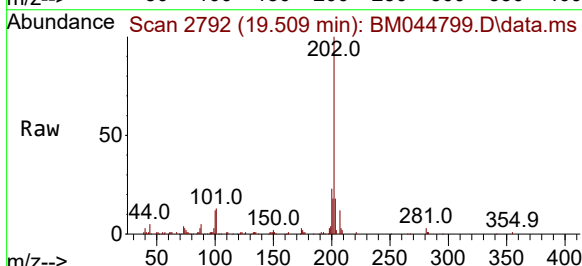
Tgt Ion:202 Resp: 88897

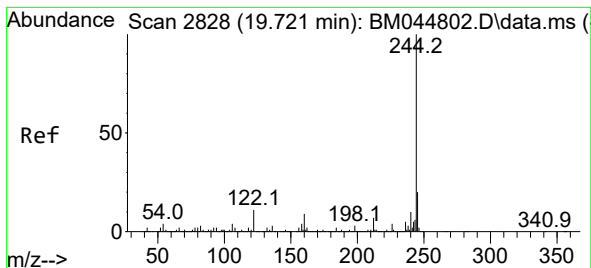
Ion Ratio Lower Upper

202 100

200 22.6 17.0 25.4

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 10.192 ng

RT: 19.721 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

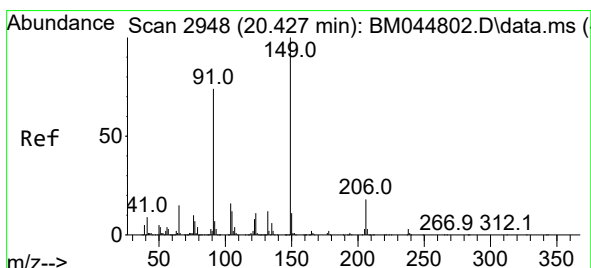
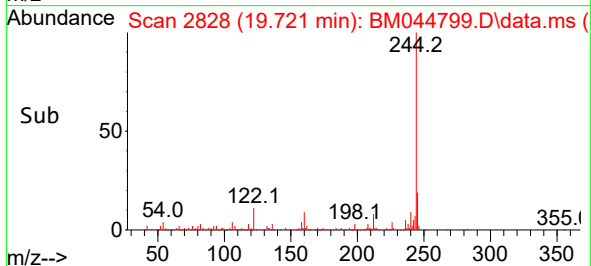
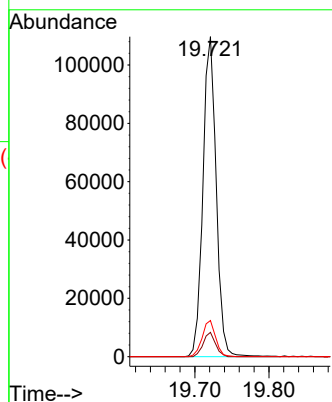
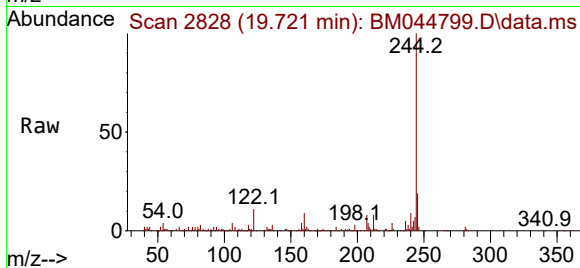
Tgt Ion:244 Resp: 136918

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 11.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 4.174 ng

RT: 20.427 min Scan# 2948

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

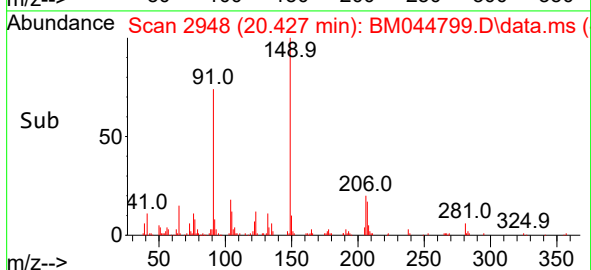
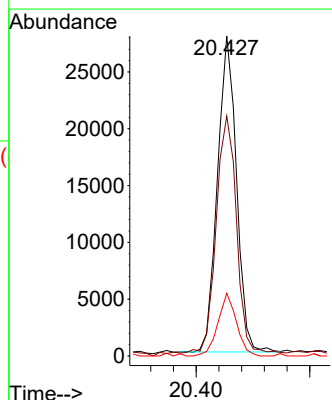
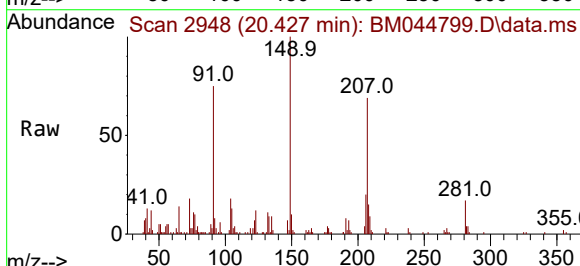
Tgt Ion:149 Resp: 32397

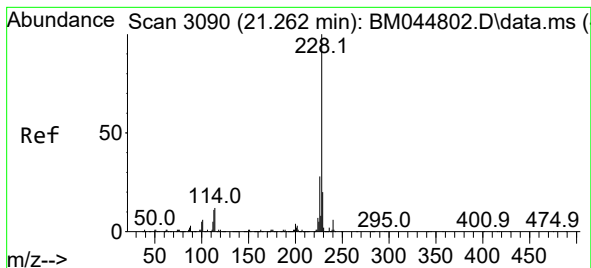
Ion Ratio Lower Upper

149 100

91 75.0 59.5 89.3

206 19.6 14.6 21.8





#81

Benzo(a)anthracene

Concen: 4.947 ng

RT: 21.262 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

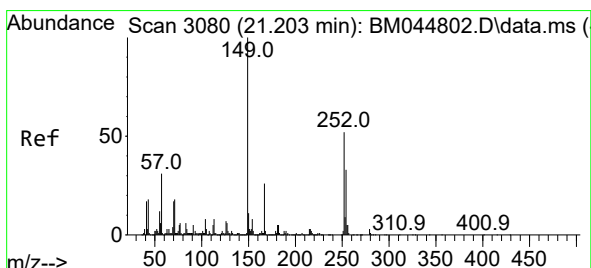
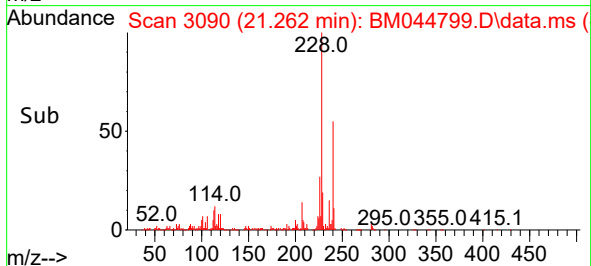
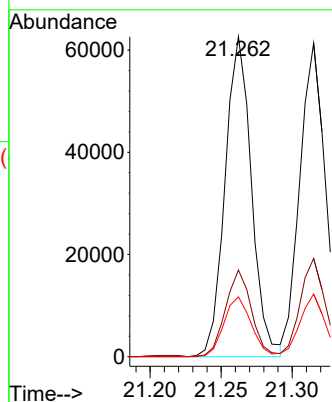
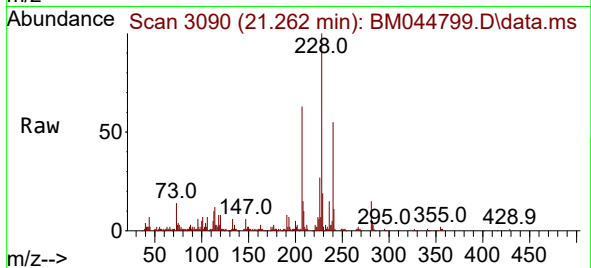
Tgt Ion:228 Resp: 80890

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 18.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 4.757 ng

RT: 21.209 min Scan# 3081

Delta R.T. 0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

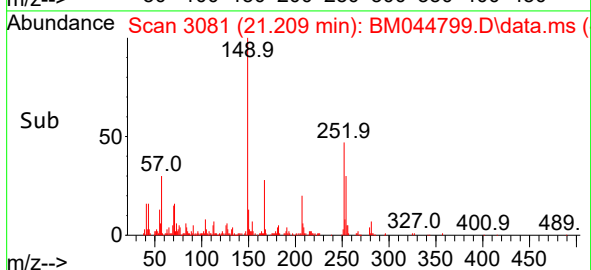
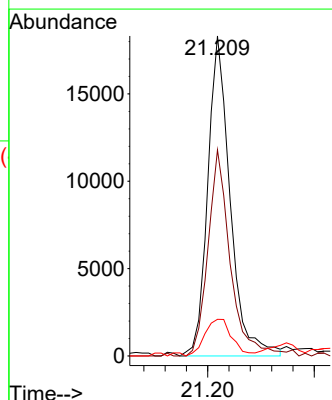
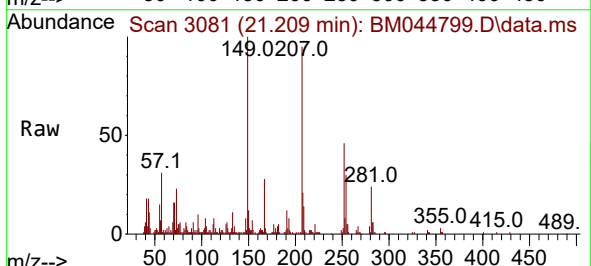
Tgt Ion:252 Resp: 26791

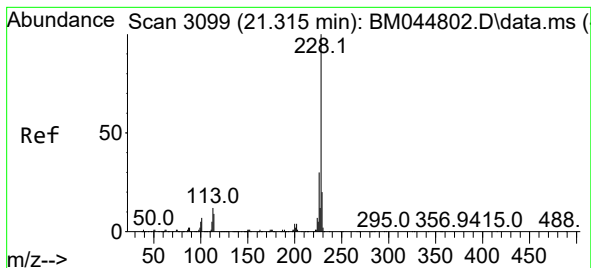
Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.4

126 11.5 10.0 15.0





#83

Chrysene

Concen: 4.926 ng

RT: 21.315 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

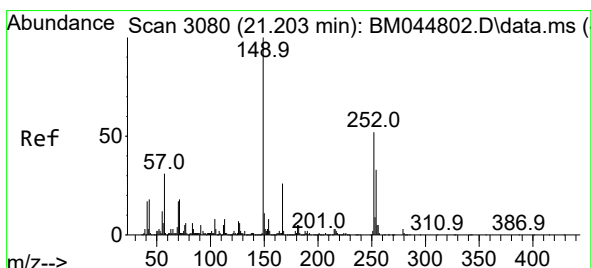
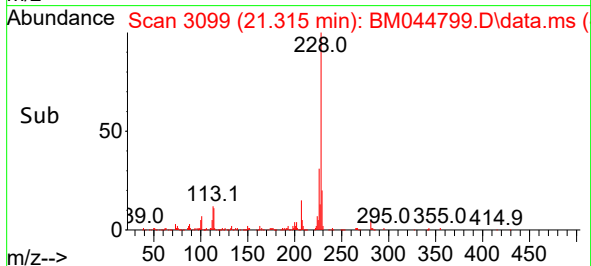
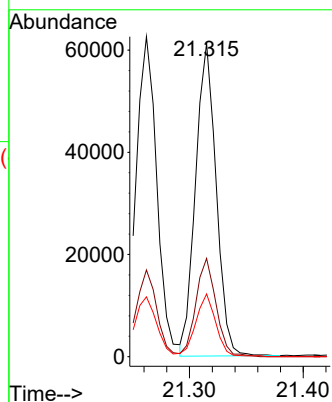
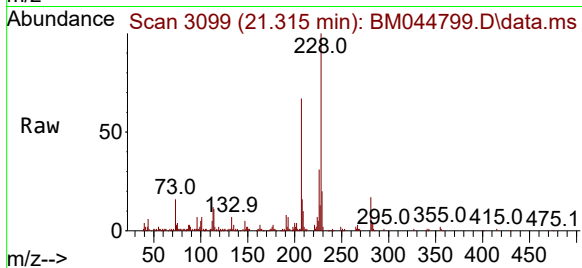
Tgt Ion:228 Resp: 76968

Ion Ratio Lower Upper

228 100

226 31.3 23.7 35.5

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.083 ng

RT: 21.203 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

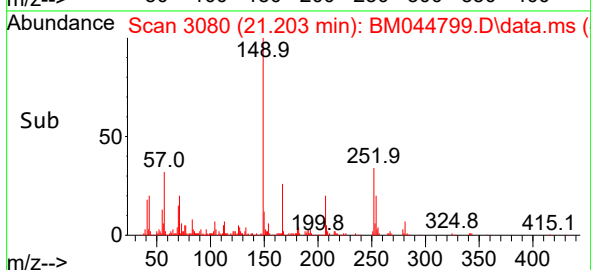
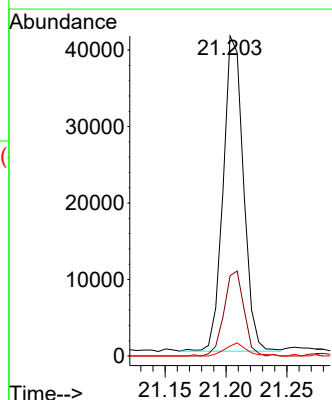
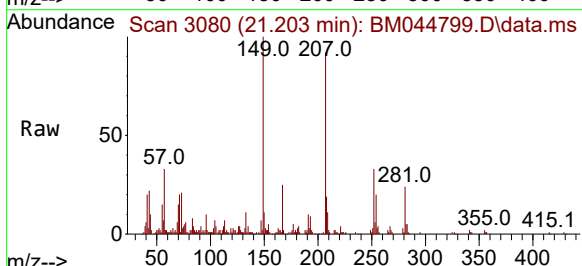
Tgt Ion:149 Resp: 47743

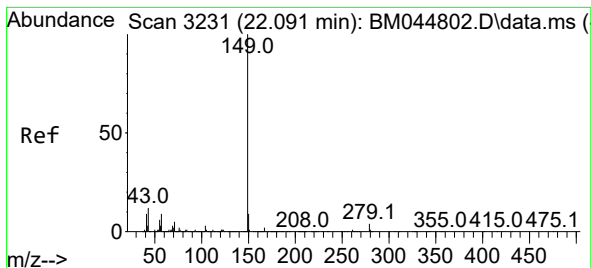
Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 4.024 ng

RT: 22.091 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

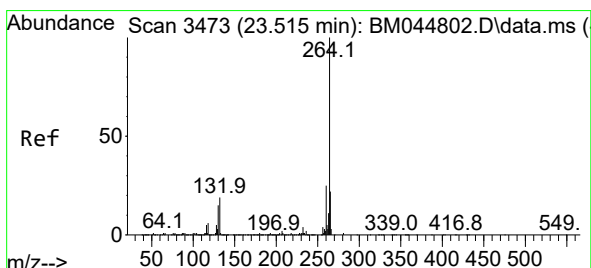
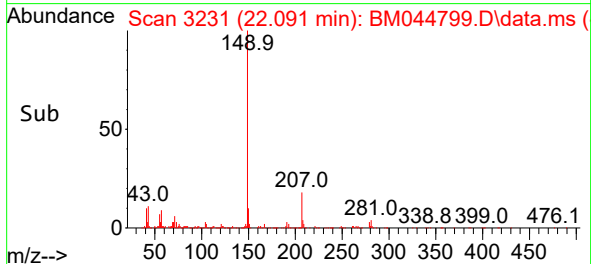
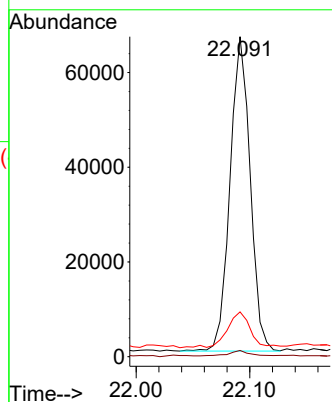
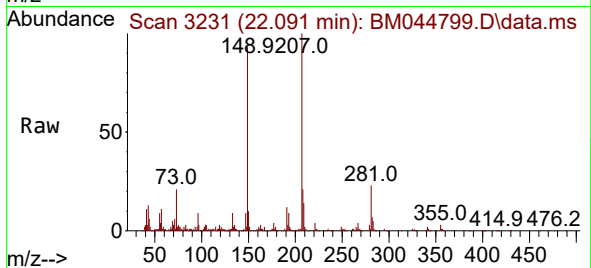
Tgt Ion:149 Resp: 81629

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

43 13.3 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.515 min Scan# 3473

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

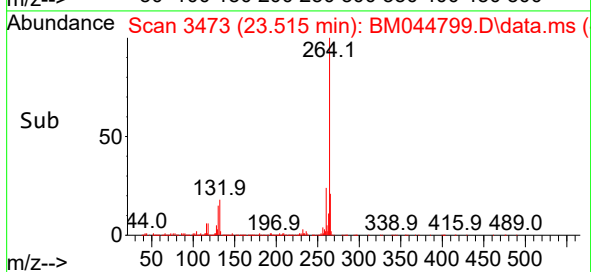
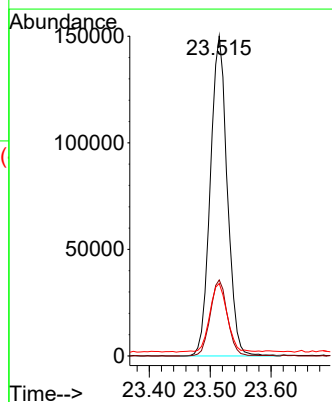
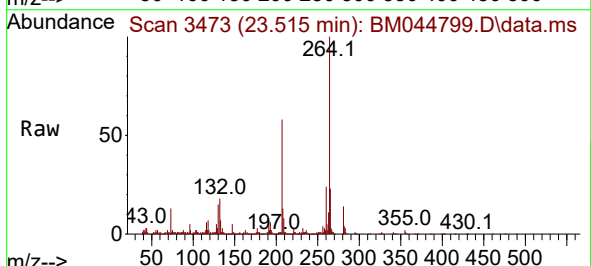
Tgt Ion:264 Resp: 290378

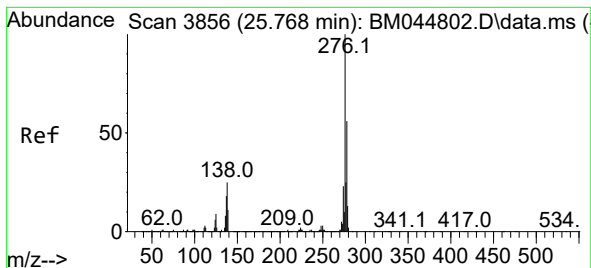
Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 22.6 18.9 28.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.061 ng

RT: 25.768 min Scan# 3856

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

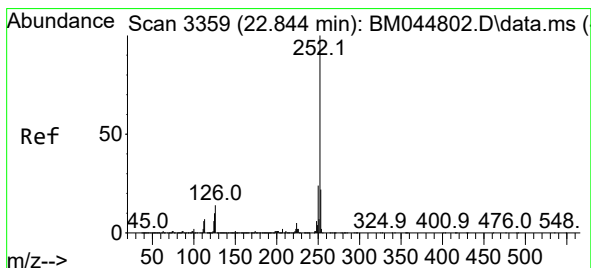
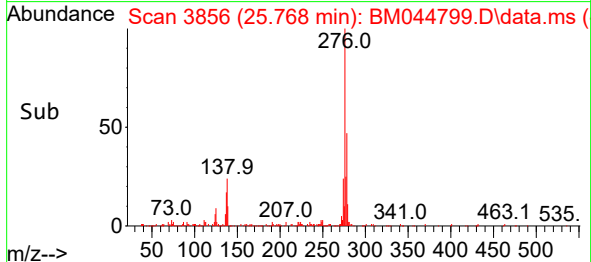
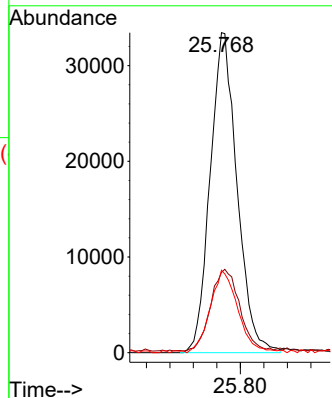
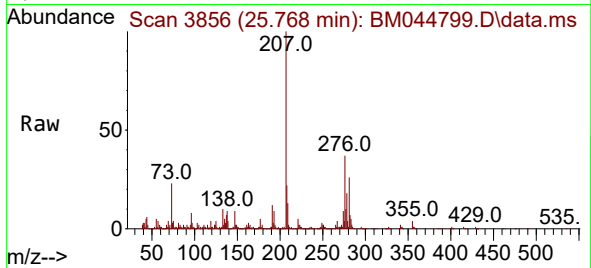
Tgt Ion:276 Resp: 106229

Ion Ratio Lower Upper

276 100

138 27.4 22.2 33.2

277 26.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 4.695 ng

RT: 22.844 min Scan# 3359

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

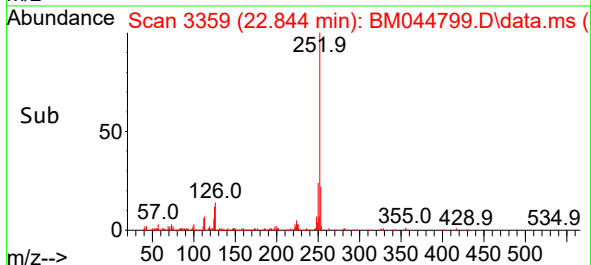
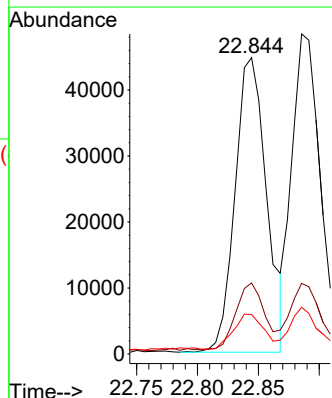
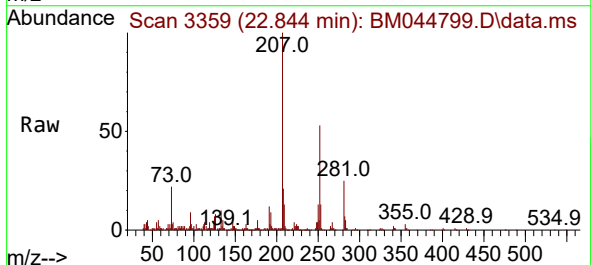
Tgt Ion:252 Resp: 80122

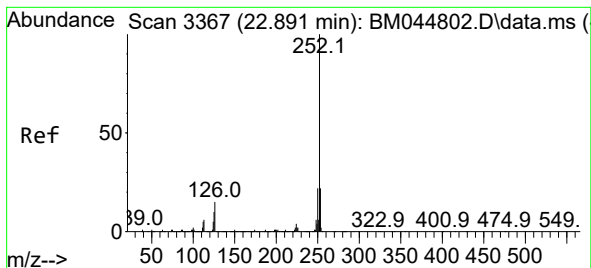
Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

125 13.4 8.6 12.8#





#89

Benzo(k)fluoranthene

Concen: 4.490 ng

RT: 22.886 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

Instrument :

BNA_M

ClientSampleId :

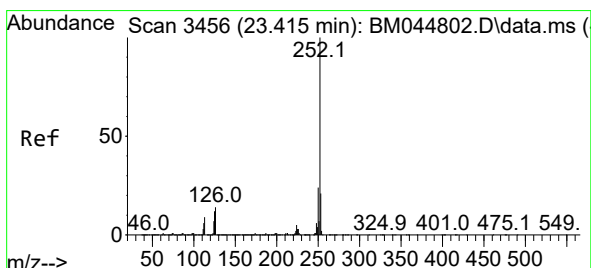
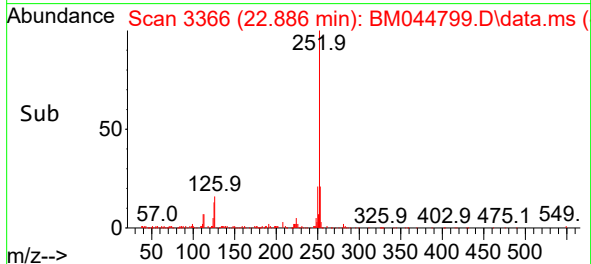
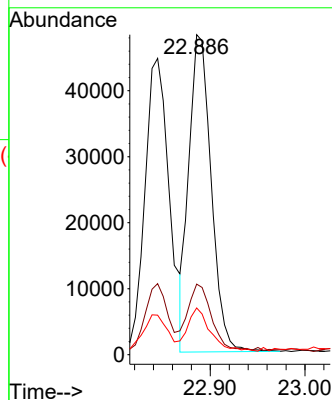
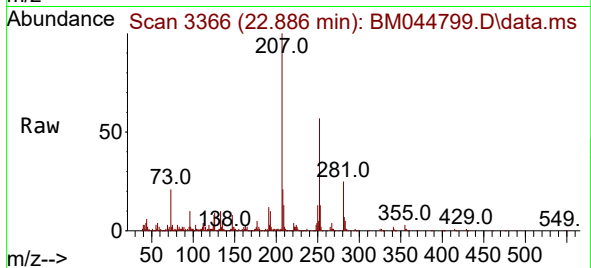
Tgt Ion:252 Resp: 78773

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 14.6 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 4.885 ng

RT: 23.415 min Scan# 3456

Delta R.T. 0.000 min

Lab File: BM044799.D

Acq: 28 Mar 2024 18:36

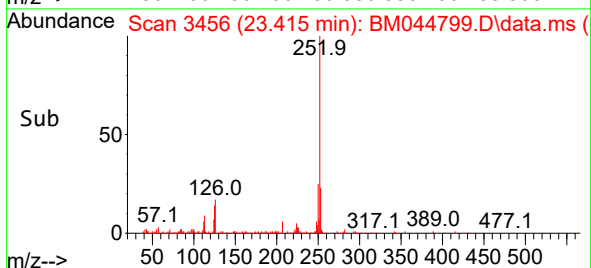
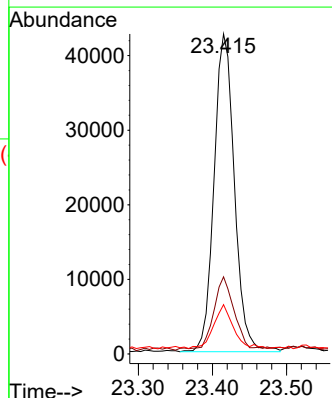
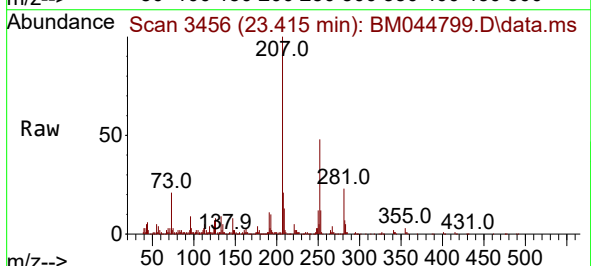
Tgt Ion:252 Resp: 81308

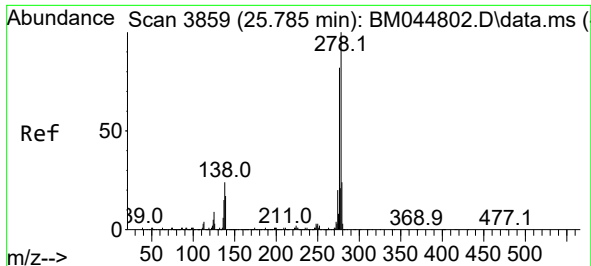
Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

125 15.4 9.8 14.8#

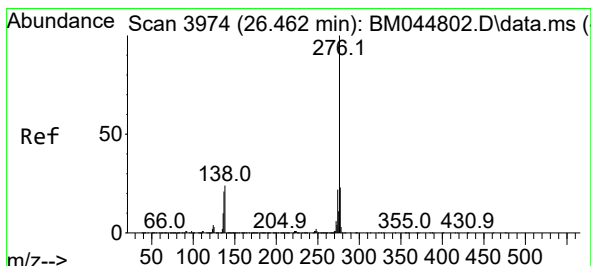
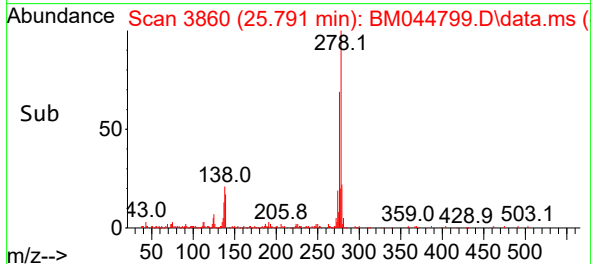
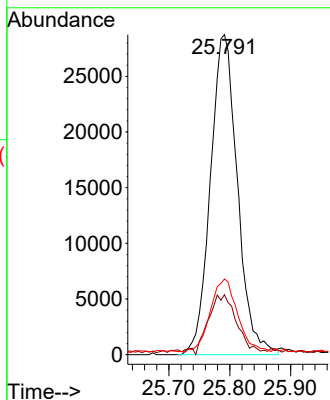
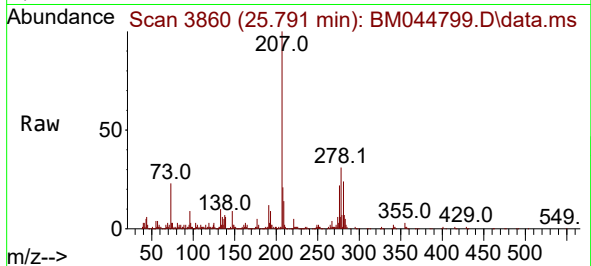




#91
Dibenzo(a,h)anthracene
Concen: 5.016 ng
RT: 25.791 min Scan# 3860
Delta R.T. 0.006 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 88775
Ion Ratio Lower Upper
278 100
139 18.8 13.6 20.4
279 23.7 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 5.355 ng
RT: 26.462 min Scan# 3974
Delta R.T. 0.000 min
Lab File: BM044799.D
Acq: 28 Mar 2024 18:36

Tgt Ion:276 Resp: 93294
Ion Ratio Lower Upper
276 100
277 25.6 18.6 28.0
138 22.7 19.2 28.8

