

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043788.D
 Acq On : 06 Jan 2024 09:09
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 07 23:59:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	329235	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1309411	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	755795	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1559371	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1554967	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	1805341	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	70808	6.990	ng/uL	-0.01
4) Pyridine-d5	3.787	84	491953	16.873	ng/u1	0.00
7) Phenol-d5	7.122	99	589015	15.727	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	371903	15.679	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.481	132	475920	16.643	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	448859	15.444	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	227480	17.956	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	254600	19.450	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	450717	19.505	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	597472	17.575	ng/u1	0.00
46) Dimethylphthalate-d6	14.015	166	1233046	18.123	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1474160	18.265	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	235370	18.278	ng/u1	0.04
60) Fluorene-d10	15.586	176	1060978	18.858	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	190839	18.504	ng/u1	0.02
73) Anthracene-d10	17.445	188	1611154	18.423	ng/u1	0.00
81) Pyrene-d10	19.733	212	1837674	14.969	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.791	264	2013113	18.070	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	77538	6.928	ng/uL	98
5) Pyridine	3.804	79	512455	16.996	ng/u1	98
6) Benzaldehyde	7.098	77	278814	15.700	ng/u1	95
8) Phenol	7.151	94	581028	15.769	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.381	93	474191	15.852	ng/u1	99
12) 2-Chlorophenol	7.510	128	481039	16.513	ng/u1	98
13) 2-Methylphenol	8.404	108	434190	15.519	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	784088	15.609	ng/u1	99
16) Acetophenone	8.786	105	681104	15.307	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	377057	14.198	ng/u1	99
18) 4-Methylphenol	8.739	108	466682	15.390	ng/u1	100
19) Hexachloroethane	9.016	117	213356	17.370	ng/u1	88
22) Nitrobenzene	9.169	77	544607	17.370	ng/u1	99
23) Isophorone	9.698	82	1023375	16.091	ng/u1	99
25) 2-Nitrophenol	9.880	139	261024	18.763	ng/u1	97
26) 2,4-Dimethylphenol	9.939	107	442202	17.843	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.180	93	617621	16.446	ng/u1	99
29) 2,4-Dichlorophenol	10.416	162	433267	19.321	ng/u1	97
30) Naphthalene	10.810	128	1518452	18.196	ng/u1	99
32) 4-Chloroaniline	10.939	127	570294	17.446	ng/u1	100
33) Hexachlorobutadiene	11.075	225	252719	22.103	ng/u1	99
34) Caprolactam	11.745	113	130742	18.244	ng/u1	99
35) 4-Chloro-3-methylphenol	12.063	107	449629	17.070	ng/u1	97
36) 2-Methylnaphthalene	12.422	142	996222	17.537	ng/u1	99

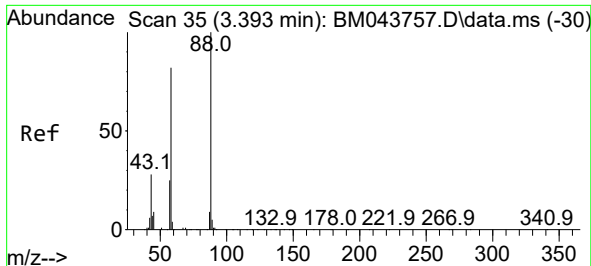
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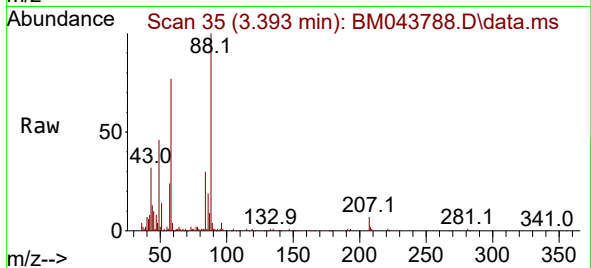
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	1016567	17.742	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	456542	19.825	ng/ul#	96
40) Hexachlorocyclopentadiene	12.745	237	219248	15.174	ng/ul	100
41) 2,4,6-Trichlorophenol	13.033	196	315741	19.289	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	341176	19.630	ng/ul	98
43) 1,1'-Biphenyl	13.427	154	1283092	17.809	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	1021724	18.497	ng/ul	97
45) 2-Nitroaniline	13.698	65	307994	16.628	ng/ul	95
47) Dimethylphthalate	14.063	163	1217636	18.122	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	247191	19.029	ng/ul	96
50) Acenaphthylene	14.321	152	1688720	18.220	ng/ul	100
51) 3-Nitroaniline	14.521	138	274535	18.409	ng/ul	97
52) Acenaphthene	14.657	153	1108919	18.154	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	129541	18.733	ng/ul	90
55) 4-Nitrophenol	14.845	109	172969	17.298	ng/ul	95
56) Dibenzofuran	14.992	168	1487480	18.855	ng/ul	96
57) 2,4-Dinitrotoluene	14.980	165	361305	19.686	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.221	232	273725	20.556	ng/ul	94
59) Diethylphthalate	15.421	149	1256911	18.254	ng/ul	99
61) Fluorene	15.645	166	1247067	18.503	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	564261	19.033	ng/ul	94
63) 4-Nitroaniline	15.686	138	259000	18.975	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.739	198	208815	18.965	ng/ul	93
67) N-Nitrosodiphenylamine	15.857	169	1023212	17.083	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	337461	18.267	ng/ul	96
69) Hexachlorobenzene	16.639	284	406200	19.192	ng/ul	95
70) Atrazine	16.815	200	202890	15.454	ng/ul	99
71) Pentachlorophenol	16.992	266	230400	18.006	ng/ul	98
72) Phenanthrene	17.386	178	1919450	18.161	ng/ul	100
74) Anthracene	17.480	178	1953948	18.319	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	465545	18.179	ng/ul	98
76) Pentachlorobenzene	14.904	250	460866	18.482	ng/ul	98
77) Carbazole	17.762	167	1806764	19.847	ng/ul	99
78) Di-n-butylphthalate	18.315	149	2265653	19.037	ng/ul	100
80) Fluoranthene	19.403	202	2196161	14.446	ng/ul	94
82) Pyrene	19.762	202	2314698	14.810	ng/ul	97
83) Butylbenzylphthalate	20.668	149	1091582	16.155	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.450	252	719715	18.793	ng/ul#	98
85) Benzo(a)anthracene	21.515	228	2357784	18.133	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	1683462	17.500	ng/ul	99
87) Chrysene	21.568	228	2150985	18.388	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	2904965	16.821	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	2371725	17.143	ng/ul	98
91) Benzo(k)fluoranthene	23.256	252	2407795	17.844	ng/ul	98
93) Benzo(a)pyrene	23.844	252	2275213	18.025	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.474	276	2872252	19.058	ng/ul	98
95) Dibenzo(a,h)anthracene	26.491	278	2404291	19.265	ng/ul	97
96) Benzo(g,h,i)perylene	27.244	276	2147835	18.180	ng/ul	95

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

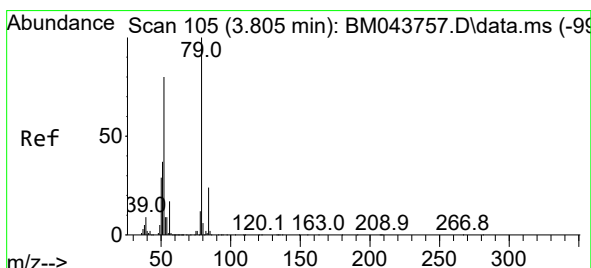
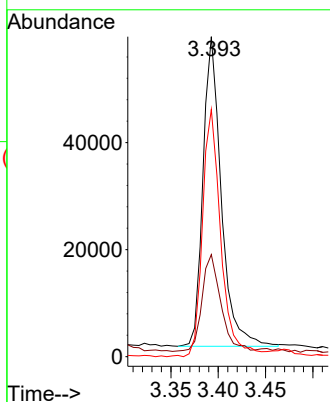
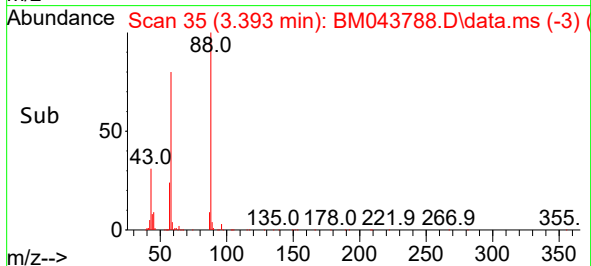


#2
1,4-Dioxane
Concen: 6.928 ng/uL
RT: 3.393 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

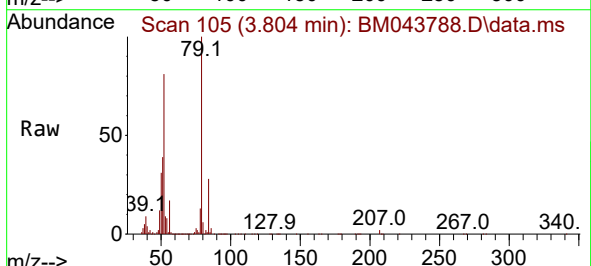
Instrument :
BNA_M
ClientSampleId :



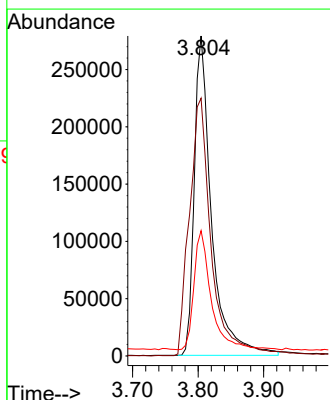
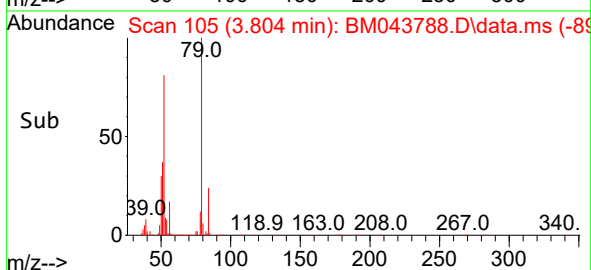
Tgt Ion: 88 Resp: 77538
Ion Ratio Lower Upper
88 100
43 31.9 26.3 39.5
58 77.3 63.1 94.7

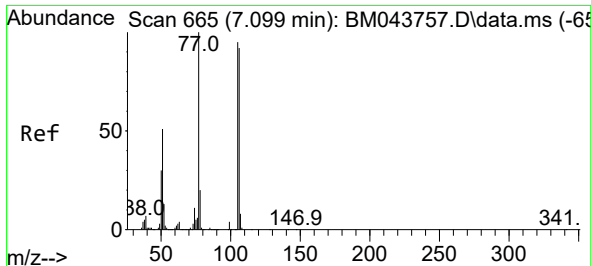


#5
Pyridine
Concen: 16.996 ng/uL
RT: 3.804 min Scan# 105
Delta R.T. -0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09



Tgt Ion: 79 Resp: 512455
Ion Ratio Lower Upper
79 100
52 80.5 62.4 93.6
51 39.2 30.6 45.8

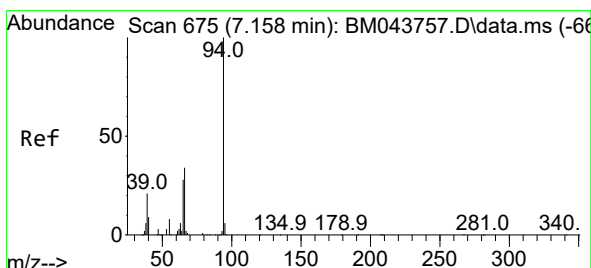
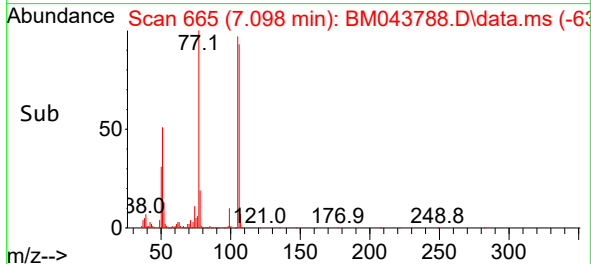
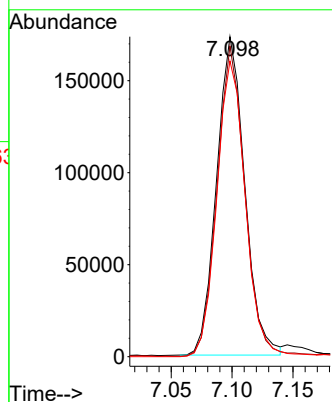
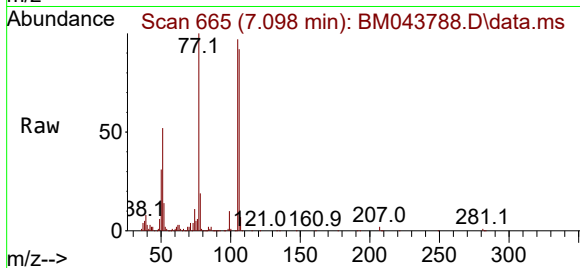




#6
Benzaldehyde
Concen: 15.700 ng/ul
RT: 7.098 min Scan# 665
Delta R.T. -0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

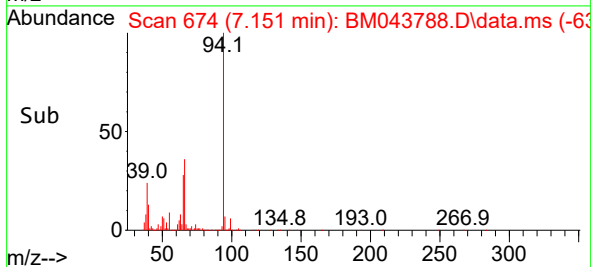
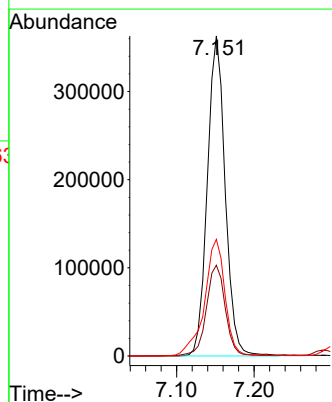
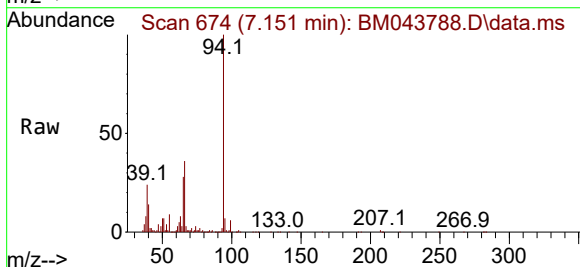
Instrument :
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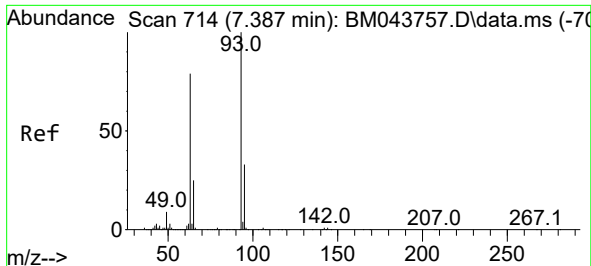
Tgt Ion: 77 Resp: 278814
Ion Ratio Lower Upper
77 100
105 97.1 73.4 110.0
106 92.4 71.4 107.0



#8
Phenol
Concen: 15.769 ng/ul
RT: 7.151 min Scan# 674
Delta R.T. 0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion: 94 Resp: 581028
Ion Ratio Lower Upper
94 100
65 28.4 23.7 35.5
66 36.5 30.2 45.4

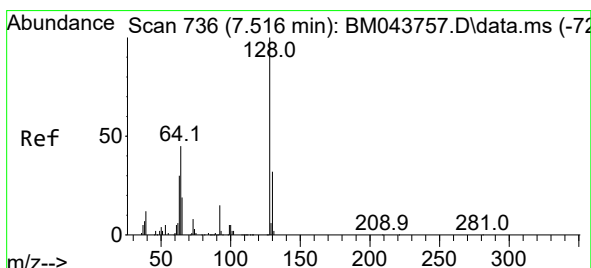
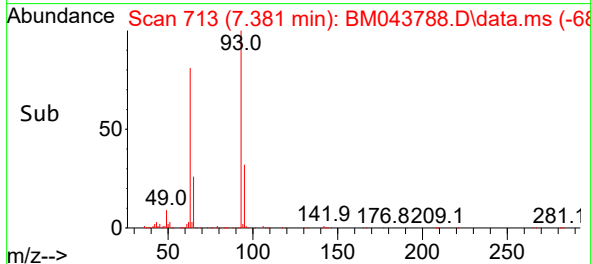
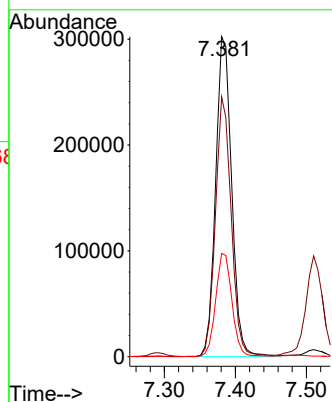
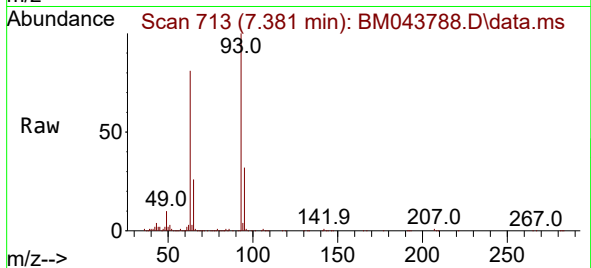




#10
Bis(2-Chloroethyl)ether
Concen: 15.852 ng/ul
RT: 7.381 min Scan# 713
Delta R.T. -0.012 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

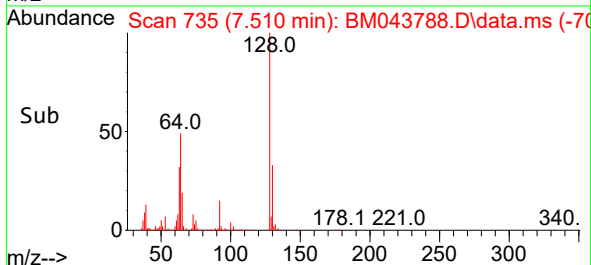
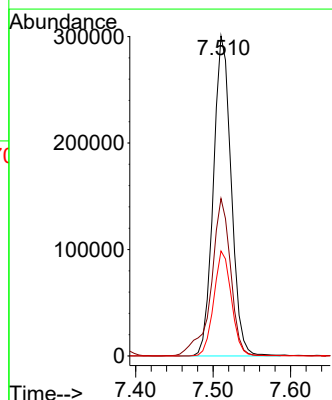
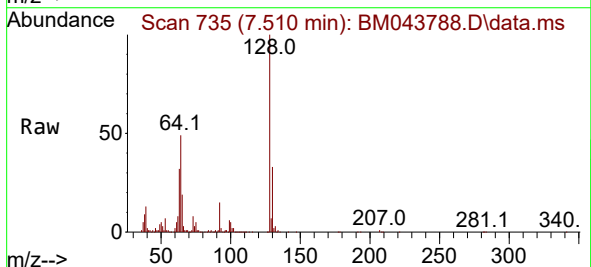
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ClientSampleId :

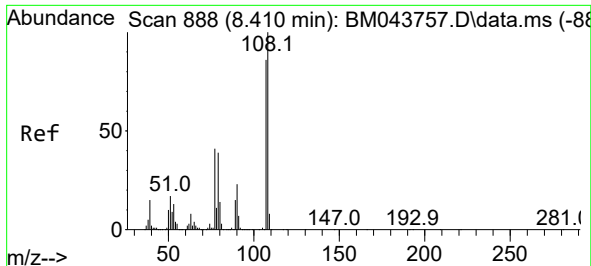
Tgt Ion: 93 Resp: 474191
Ion Ratio Lower Upper
93 100
63 81.2 65.8 98.8
95 32.3 26.2 39.2



#12
2-Chlorophenol
Concen: 16.513 ng/ul
RT: 7.510 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion: 128 Resp: 481039
Ion Ratio Lower Upper
128 100
64 49.2 40.5 60.7
130 32.8 25.6 38.4





#13

2-Methylphenol

Concen: 15.519 ng/ul

RT: 8.404 min Scan# 888

Delta R.T. -0.000 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

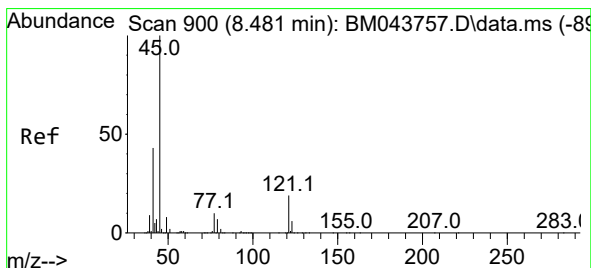
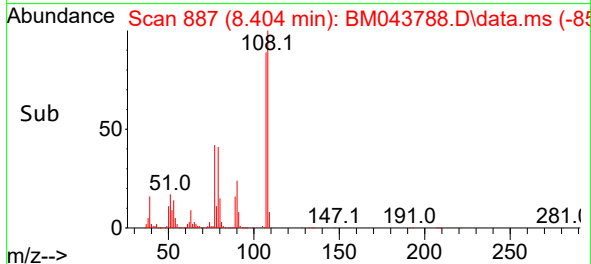
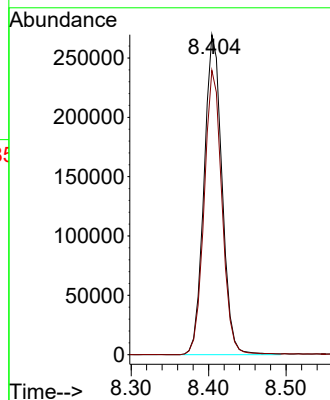
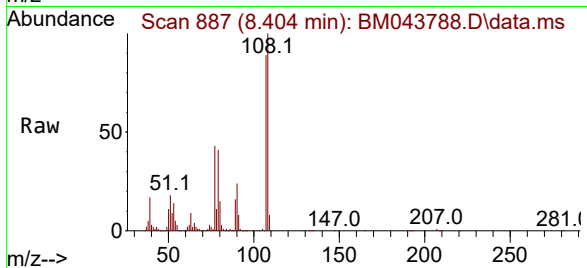
ClientSampleId :

Tgt Ion:108 Resp: 434190

Ion Ratio Lower Upper

108 100

107 88.8 69.0 103.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 15.609 ng/ul

RT: 8.481 min Scan# 900

Delta R.T. -0.006 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

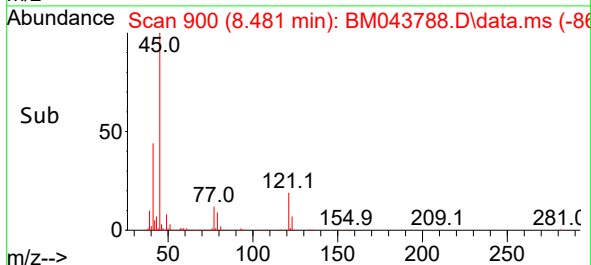
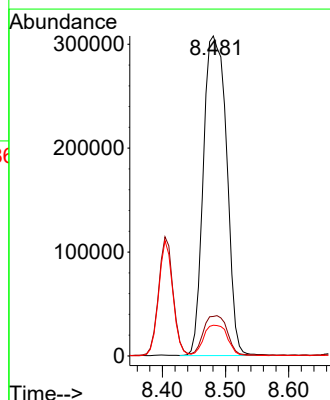
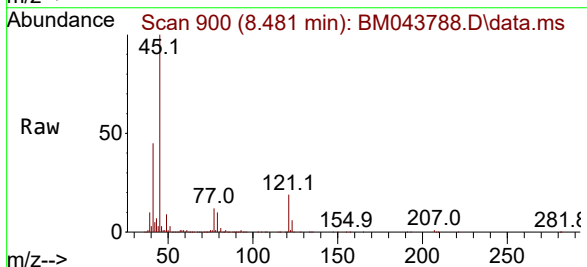
Tgt Ion: 45 Resp: 784088

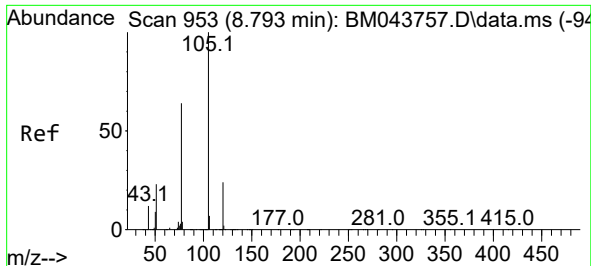
Ion Ratio Lower Upper

45 100

77 12.4 10.6 15.8

79 9.6 7.6 11.4

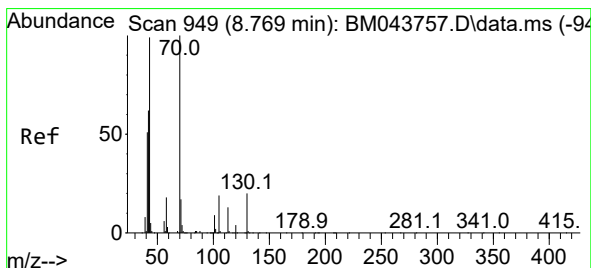
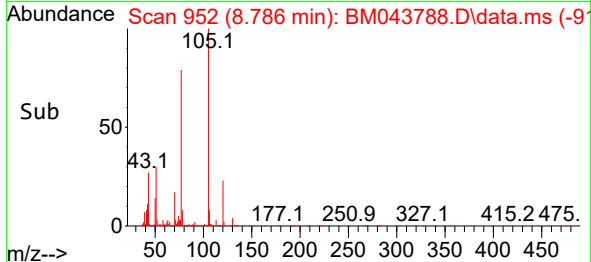
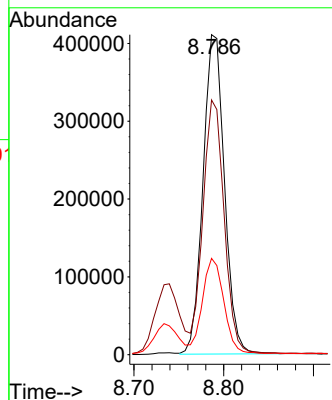
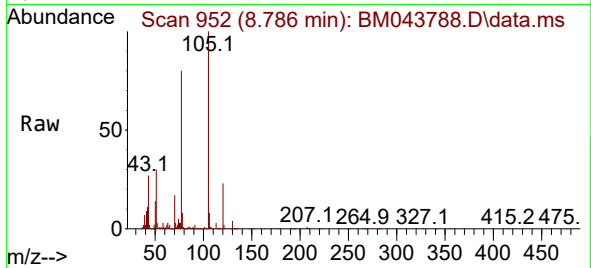




#16
Acetophenone
Concen: 15.307 ng/ul
RT: 8.786 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

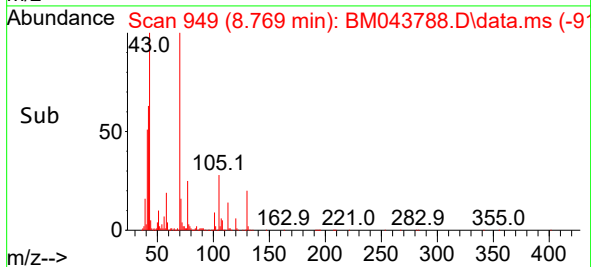
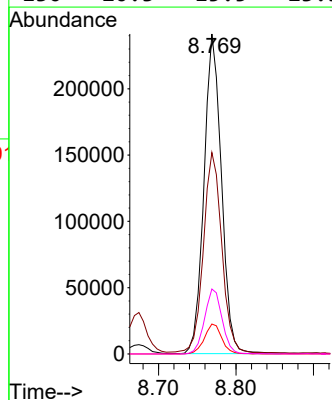
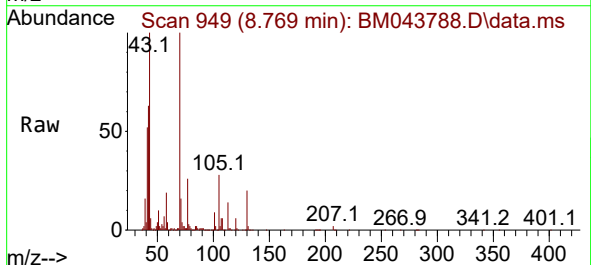
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ClientSampleId :

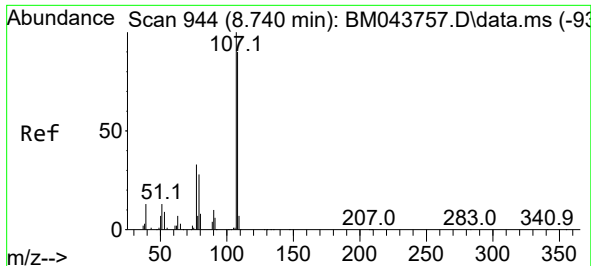
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Ion Ratio Lower Upper
105 100
77 79.6 65.1 97.7
51 30.1 24.3 36.5



#17
N-Nitroso-di-n-propylamine
Concen: 14.198 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

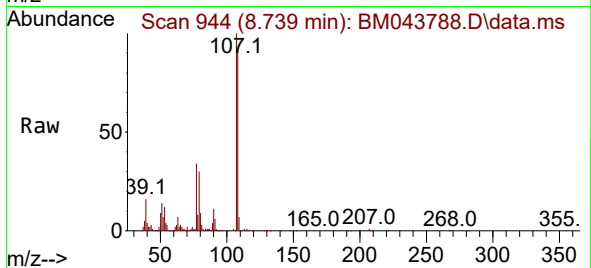
Tgt Ion: 70 Resp: 377057
Ion Ratio Lower Upper
70 100
42 62.9 50.0 75.0
101 9.3 7.4 11.0
130 20.3 15.5 23.3



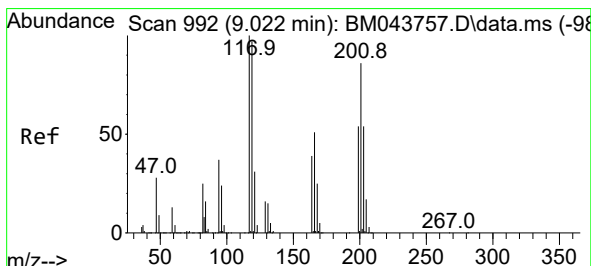
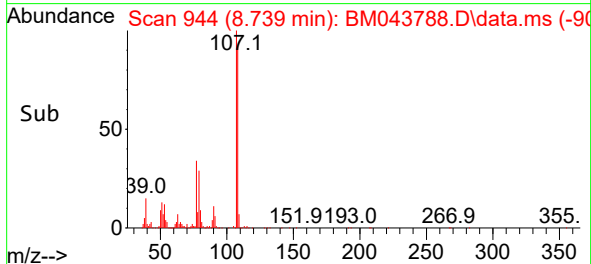
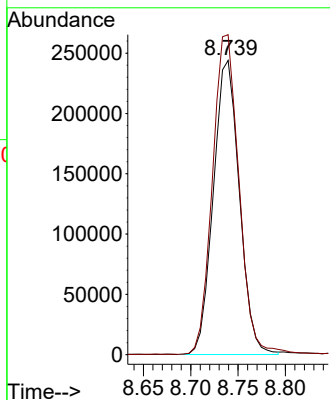


#18
4-Methylphenol
Concen: 15.390 ng/ul
RT: 8.739 min Scan# 944
Delta R.T. 0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Instrument :
BNA_M
ClientSampleId :

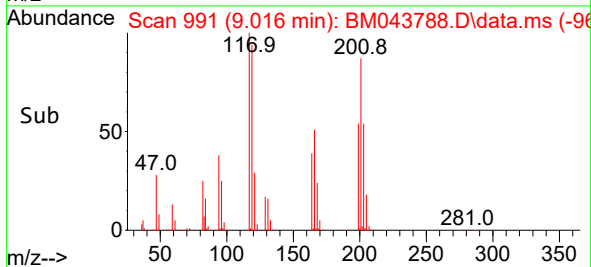
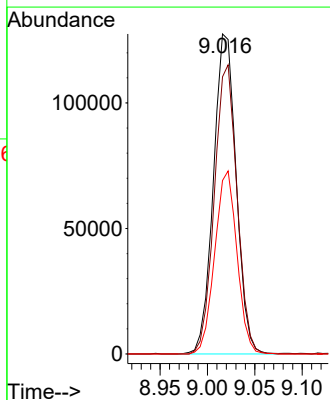
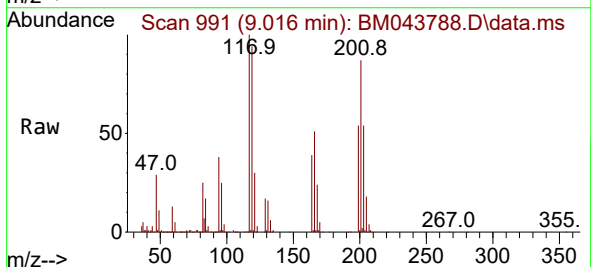


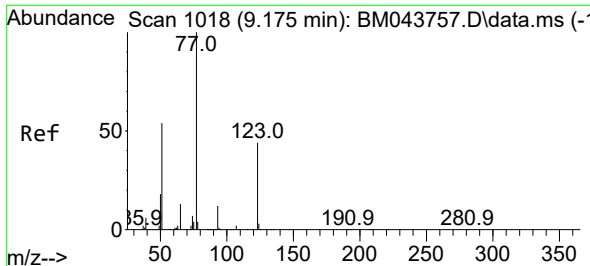
Tgt Ion:108 Resp: 466682
Ion Ratio Lower Upper
108 100
107 108.7 87.1 130.7



#19
Hexachloroethane
Concen: 17.370 ng/ul
RT: 9.016 min Scan# 991
Delta R.T. -0.018 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:117 Resp: 213356
Ion Ratio Lower Upper
117 100
201 86.6 59.8 89.6
199 54.2 39.0 58.6

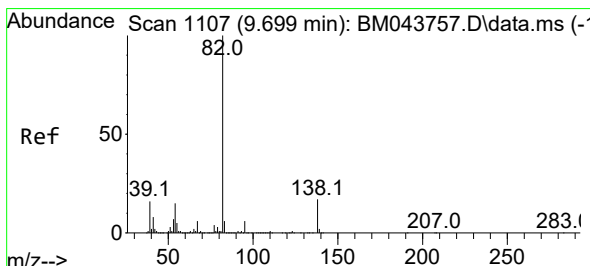
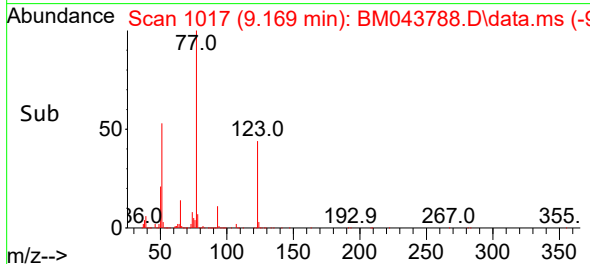
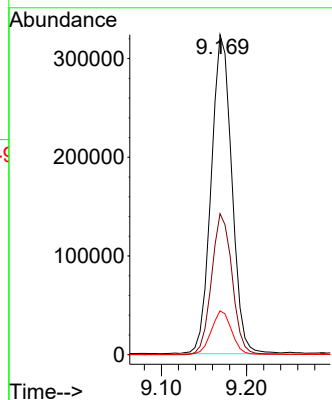
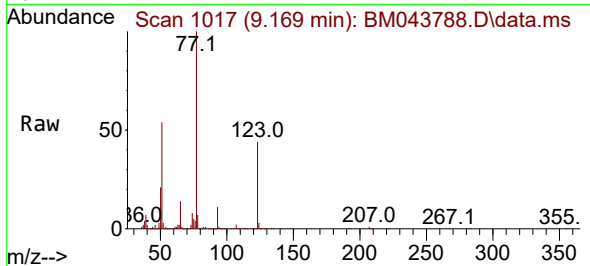




#22
Nitrobenzene
Concen: 17.370 ng/ul
RT: 9.169 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

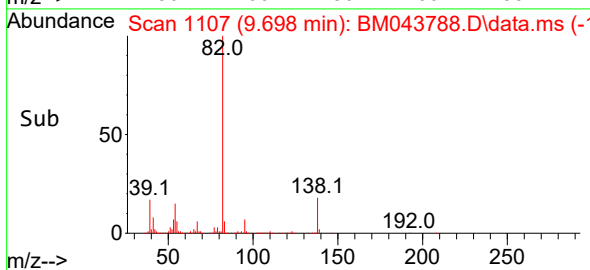
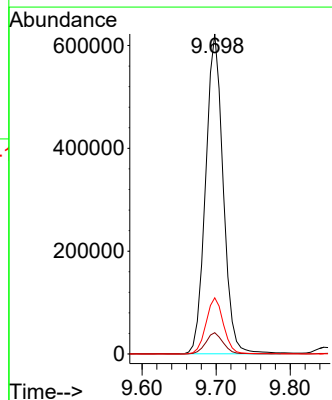
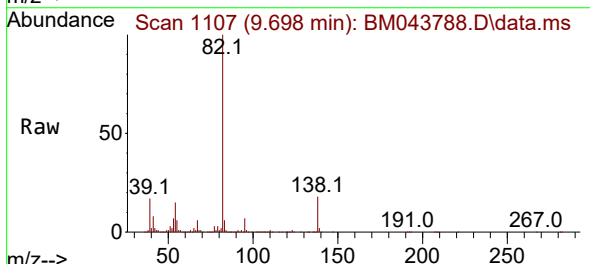
Instrument :
BNA_M
ClientSampleId :

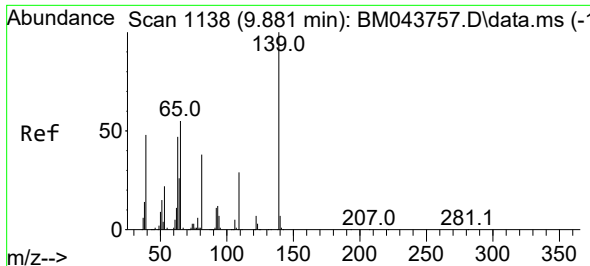
Tgt Ion: 77 Resp: 544607
Ion Ratio Lower Upper
77 100
123 44.1 35.6 53.4
65 13.7 10.6 15.8



#23
Isophorone
Concen: 16.091 ng/ul
RT: 9.698 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion: 82 Resp: 1023375
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 17.6 13.6 20.4

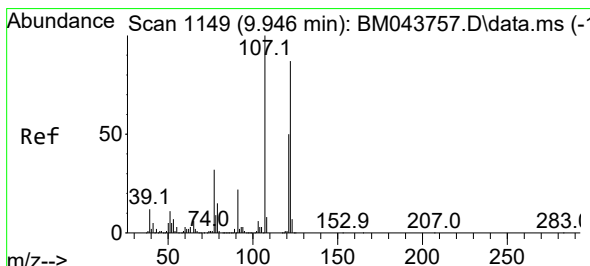
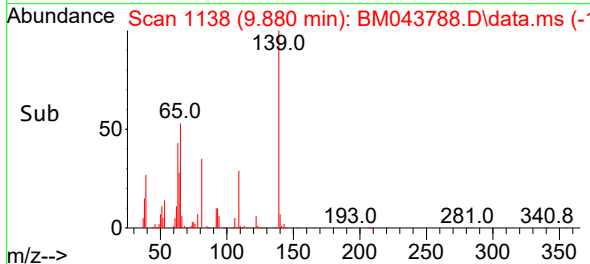
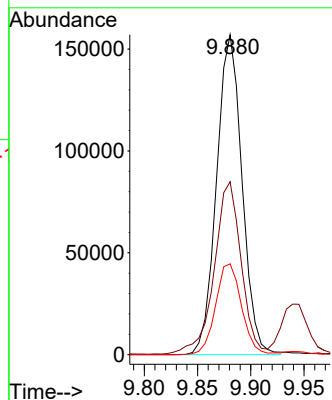
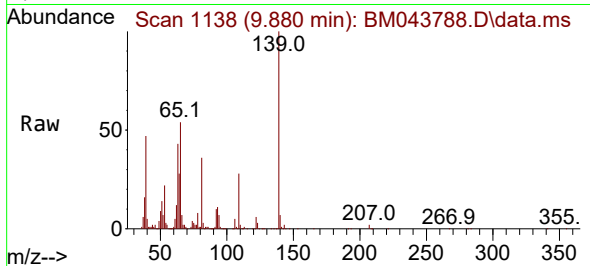




#25
2-Nitrophenol
Concen: 18.763 ng/ul
RT: 9.880 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

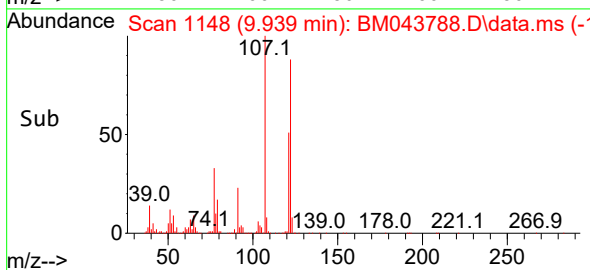
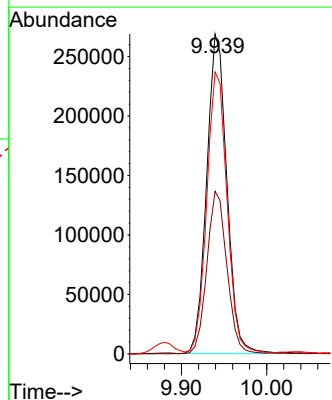
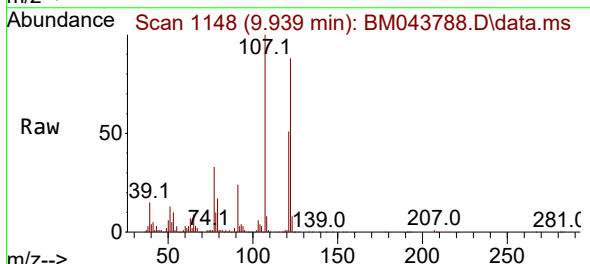
Instrument :
BNA_M
ClientSampleId :

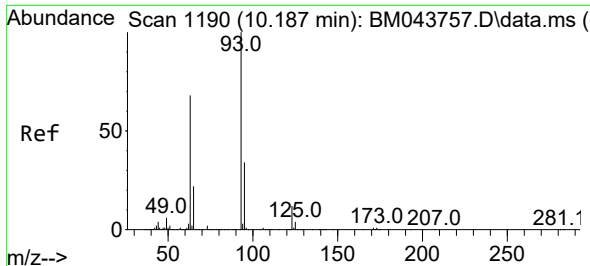
Tgt Ion:139 Resp: 261024
Ion Ratio Lower Upper
139 100
65 54.1 44.6 66.8
109 28.4 24.6 36.8



#26
2,4-Dimethylphenol
Concen: 17.843 ng/ul
RT: 9.939 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:107 Resp: 442202
Ion Ratio Lower Upper
107 100
121 50.9 40.3 60.5
122 88.2 71.5 107.3

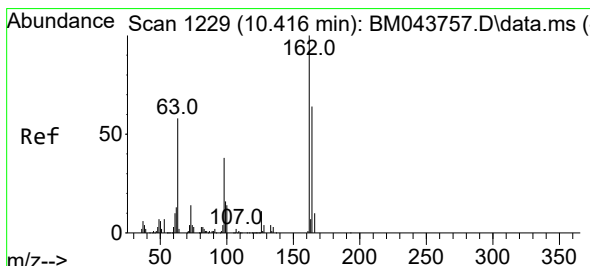
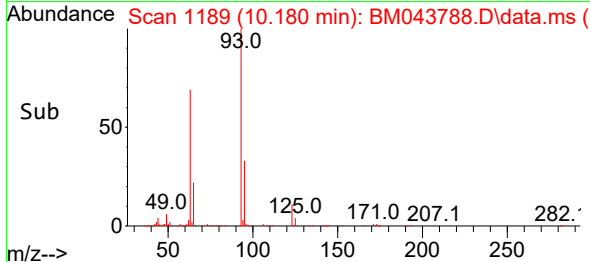
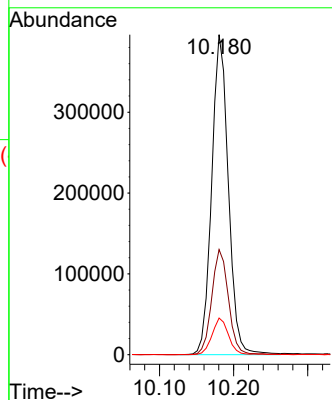
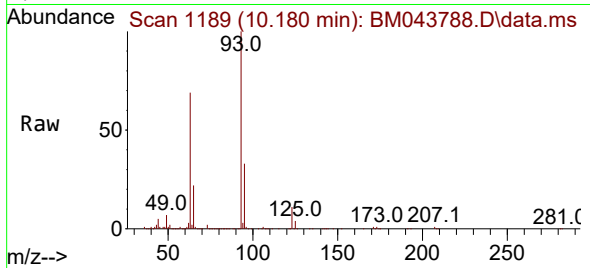




#27
 Bis(2-Chloroethoxy)methane
 Concen: 16.446 ng/ul
 RT: 10.180 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BM043788.D
 Acq: 06 Jan 2024 09:09

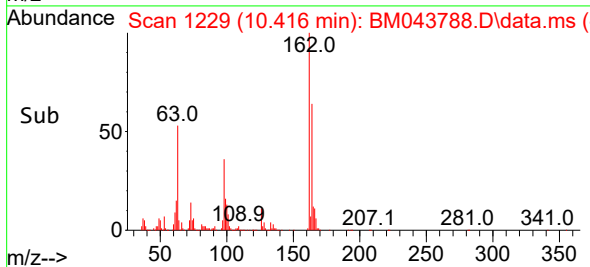
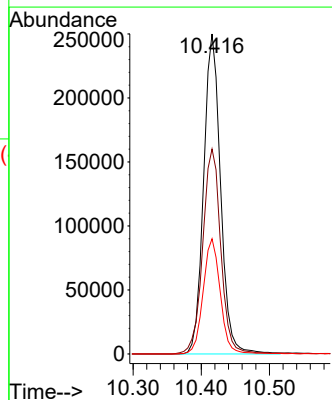
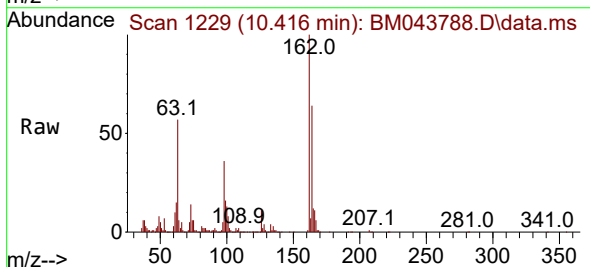
Instrument :
 BNA_M
 ClientSampleId :

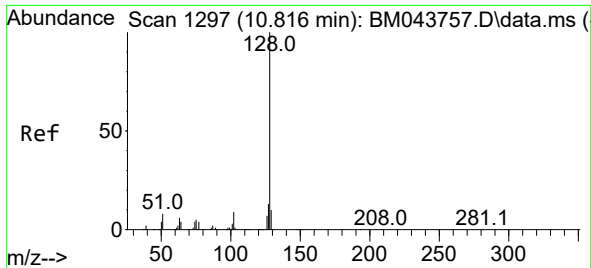
Tgt Ion: 93 Resp: 617621
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.9 38.9
 123 11.5 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 19.321 ng/ul
 RT: 10.416 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: BM043788.D
 Acq: 06 Jan 2024 09:09

Tgt Ion:162 Resp: 433267
 Ion Ratio Lower Upper
 162 100
 164 64.1 51.0 76.4
 98 36.0 32.1 48.1

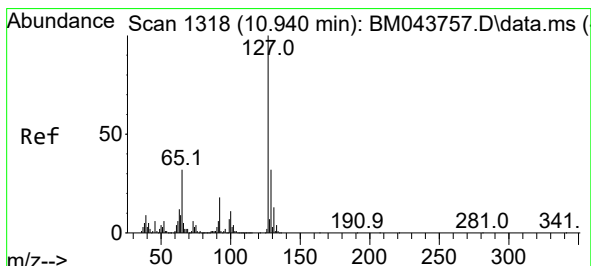
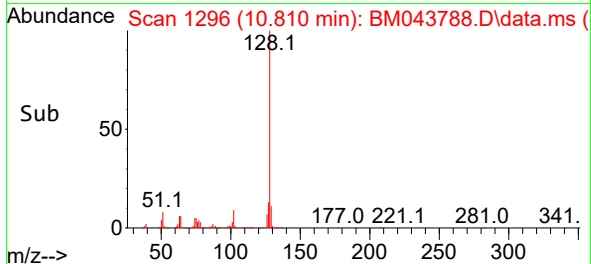
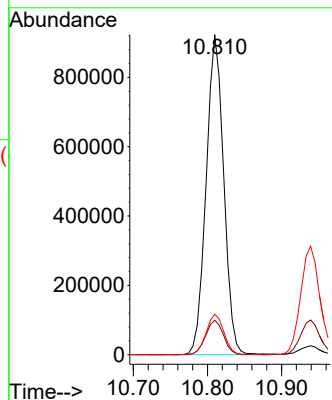
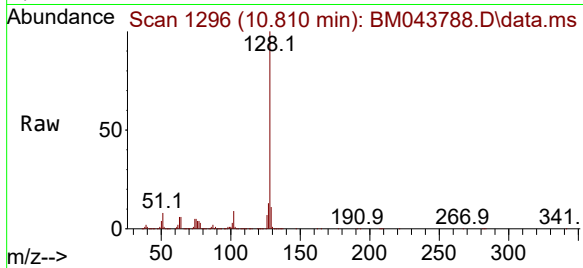




#30
Naphthalene
Concen: 18.196 ng/ul
RT: 10.810 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

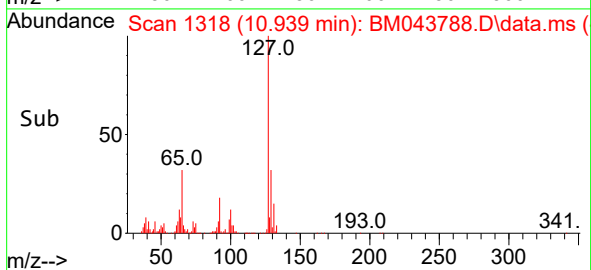
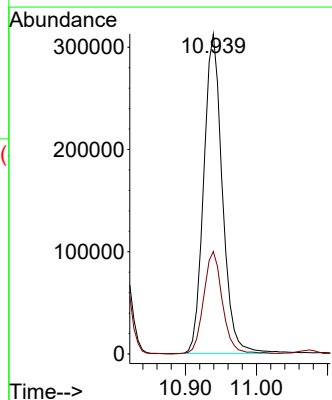
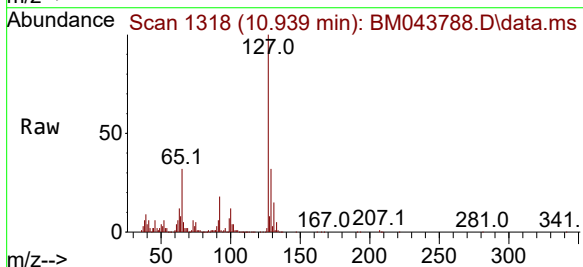
Instrument :
BNA_M
ClientSampleId :

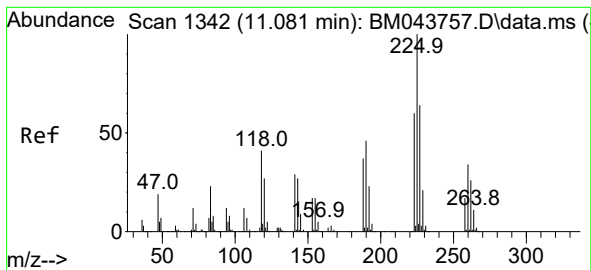
Tgt Ion:128 Resp: 1518452
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.2 15.4



#32
4-Chloroaniline
Concen: 17.446 ng/ul
RT: 10.939 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:127 Resp: 570294
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2

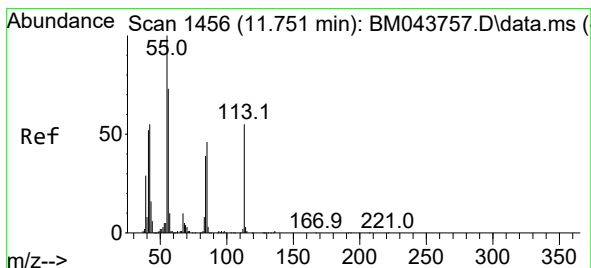
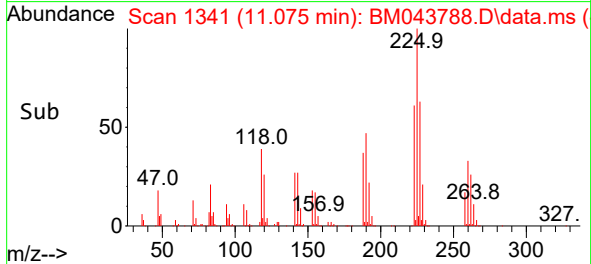
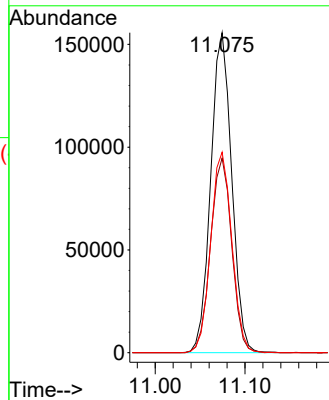
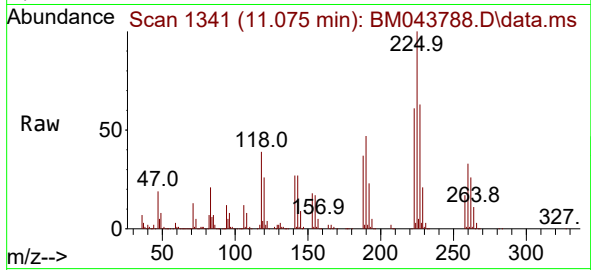




#33
Hexachlorobutadiene
Concen: 22.103 ng/ul
RT: 11.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

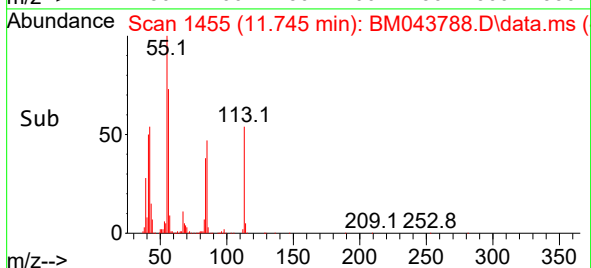
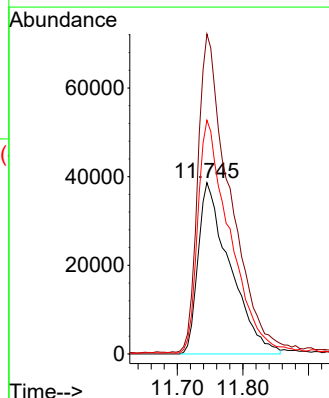
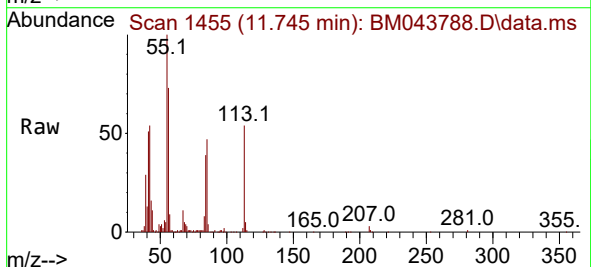
Instrument :
BNA_M
ClientSampleId :

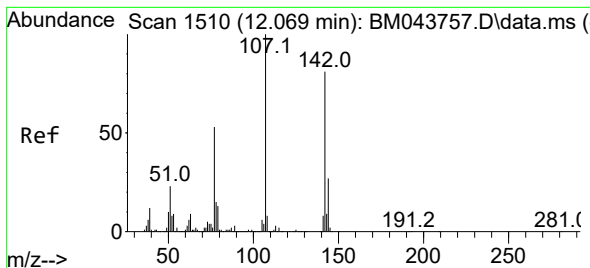
Tgt Ion:225 Resp: 252719
Ion Ratio Lower Upper
225 100
223 60.8 49.4 74.0
227 62.7 50.4 75.6



#34
Caprolactam
Concen: 18.244 ng/ul
RT: 11.745 min Scan# 1455
Delta R.T. 0.029 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:113 Resp: 130742
Ion Ratio Lower Upper
113 100
55 186.7 148.9 223.3
56 136.4 111.4 167.2

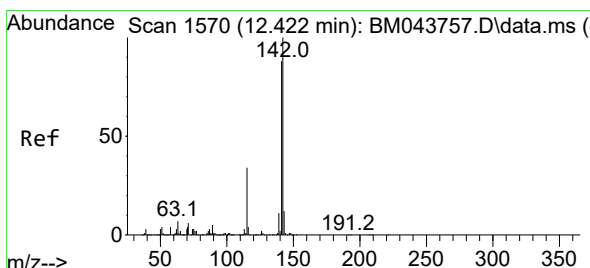
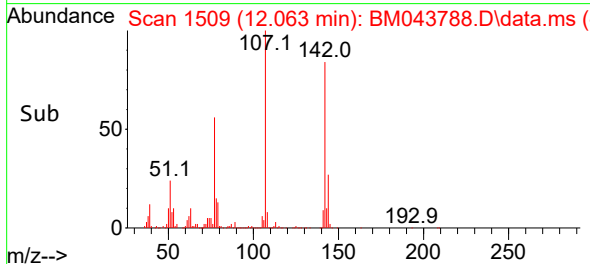
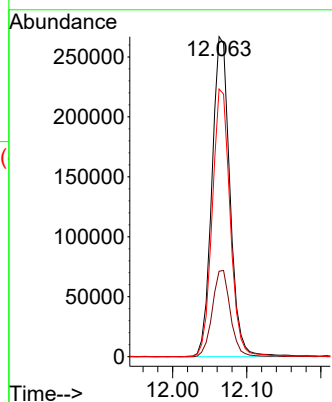
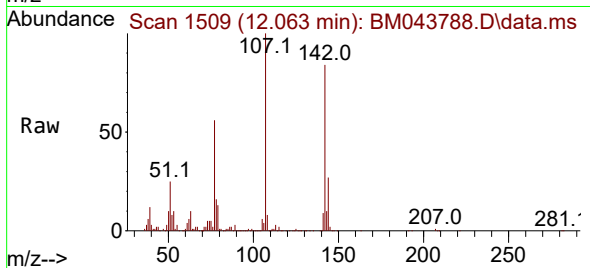




#35
 4-Chloro-3-methylphenol
 Concen: 17.070 ng/ul
 RT: 12.063 min Scan# 1509
 Delta R.T. 0.012 min
 Lab File: BM043788.D
 Acq: 06 Jan 2024 09:09

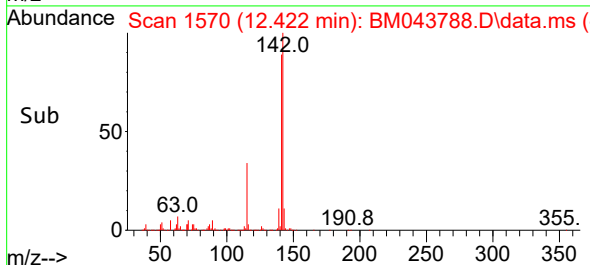
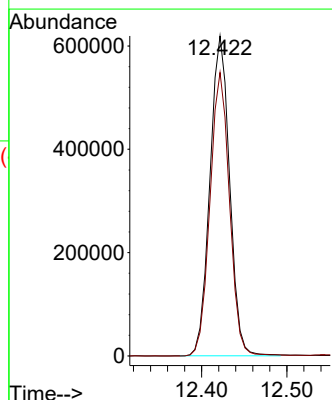
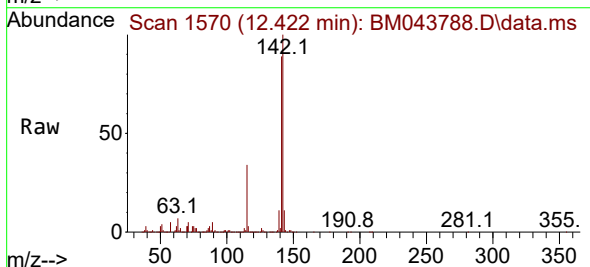
Instrument :
 BNA_M
 ClientSampleId :

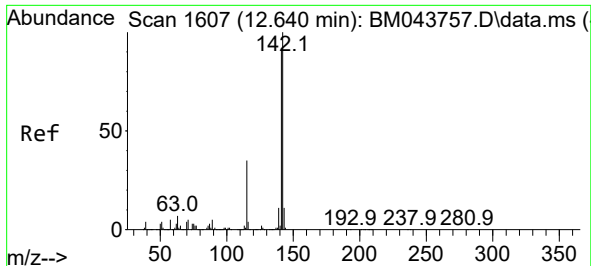
Tgt Ion:107 Resp: 449629
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.3 30.5
 142 83.6 64.3 96.5



#36
 2-Methylnaphthalene
 Concen: 17.537 ng/ul
 RT: 12.422 min Scan# 1570
 Delta R.T. -0.000 min
 Lab File: BM043788.D
 Acq: 06 Jan 2024 09:09

Tgt Ion:142 Resp: 996222
 Ion Ratio Lower Upper
 142 100
 141 88.6 69.9 104.9





#37

1-Methylnaphthalene

Concen: 17.742 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

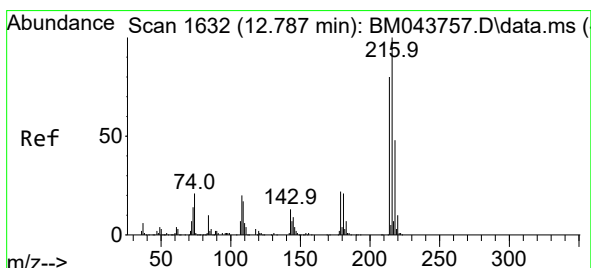
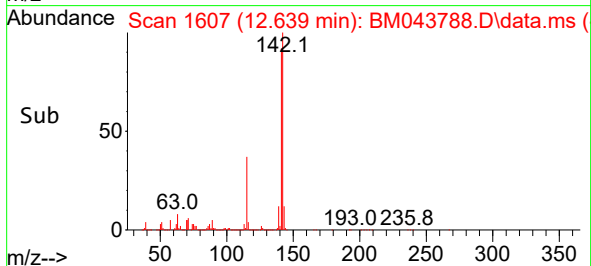
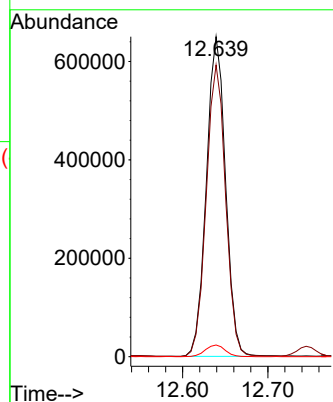
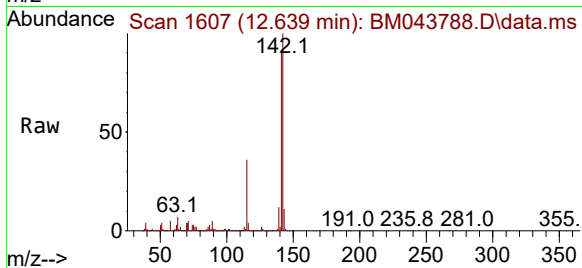
Tgt Ion:142 Resp: 1016567

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.4

116 3.7 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.825 ng/ul

RT: 12.786 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Tgt Ion:216 Resp: 456542

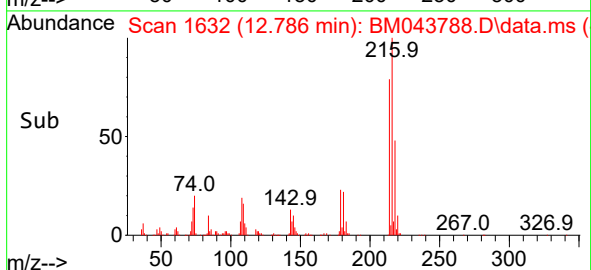
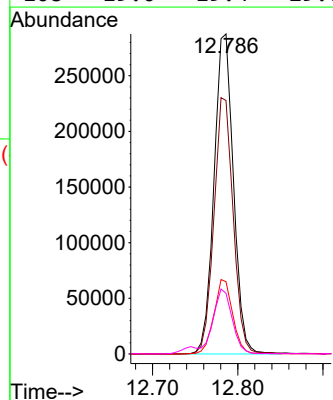
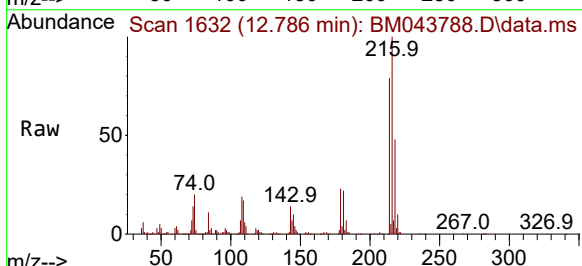
Ion Ratio Lower Upper

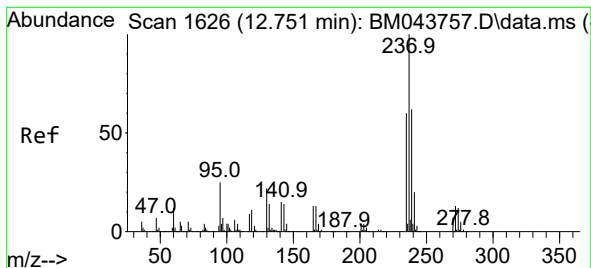
216 100

214 79.2 64.6 97.0

179 22.6 20.0 30.0

108 19.0 19.4 29.0#





#40

Hexachlorocyclopentadiene

Concen: 15.174 ng/ul

RT: 12.745 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

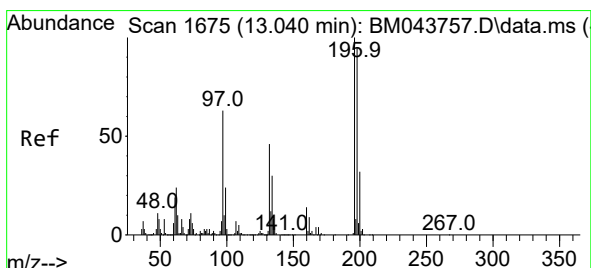
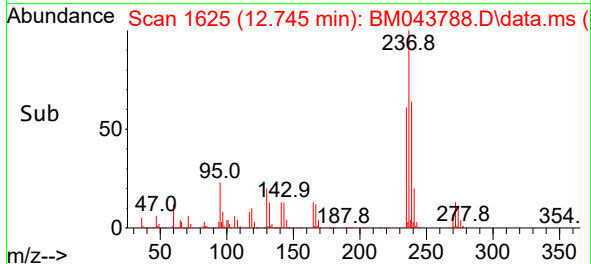
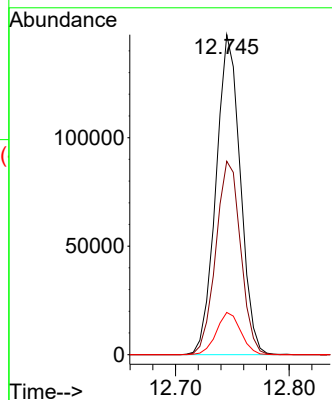
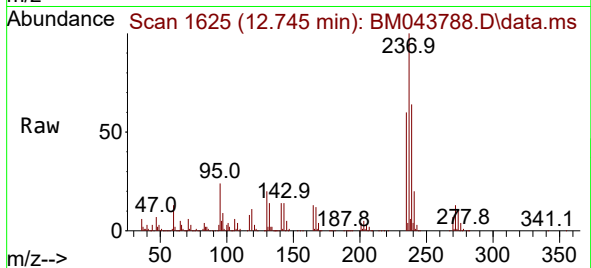
Tgt Ion:237 Resp: 219248

Ion Ratio Lower Upper

237 100

235 60.4 48.2 72.4

272 13.2 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 19.289 ng/ul

RT: 13.033 min Scan# 1674

Delta R.T. 0.006 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

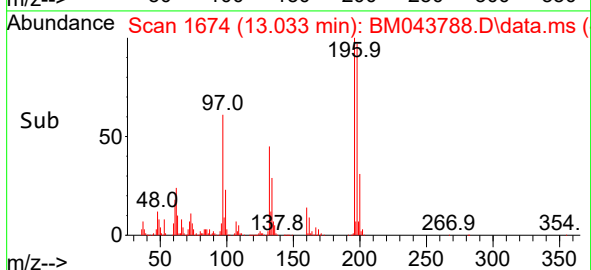
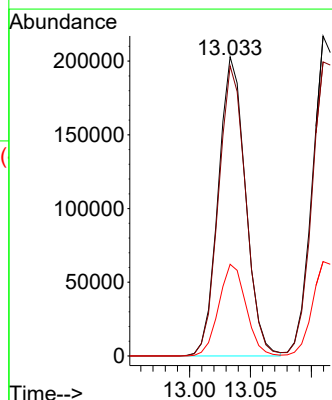
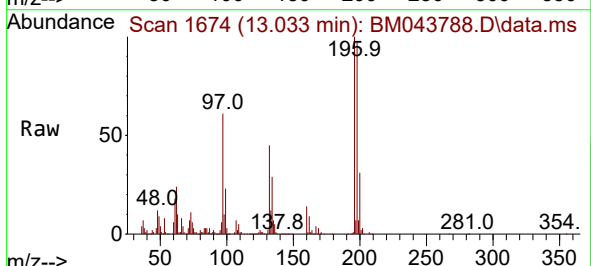
Tgt Ion:196 Resp: 315741

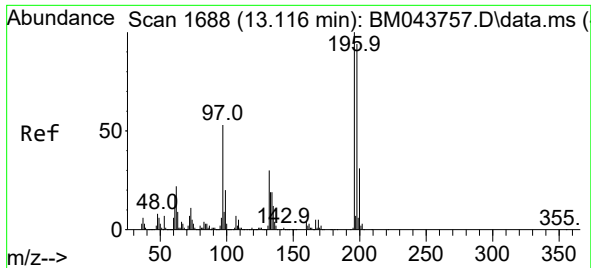
Ion Ratio Lower Upper

196 100

198 97.0 78.3 117.5

200 30.6 25.1 37.7

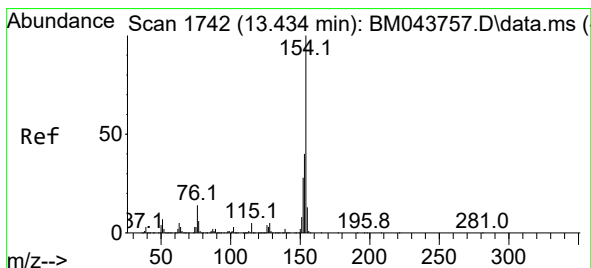
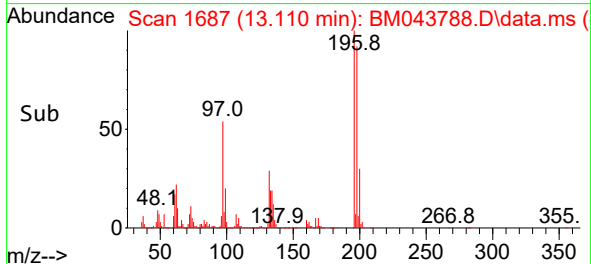
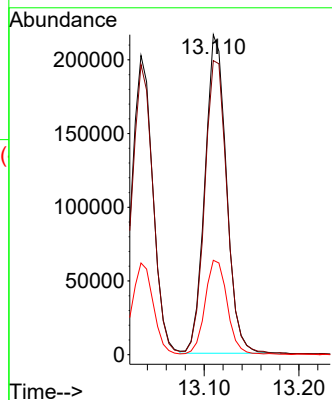
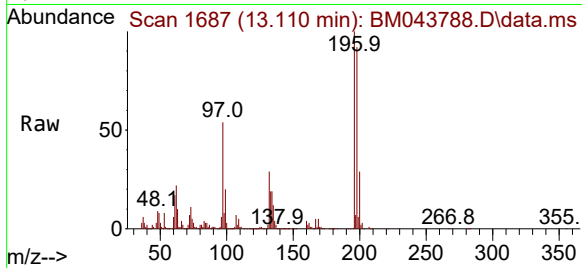




#42
2,4,5-Trichlorophenol
Concen: 19.630 ng/ul
RT: 13.110 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

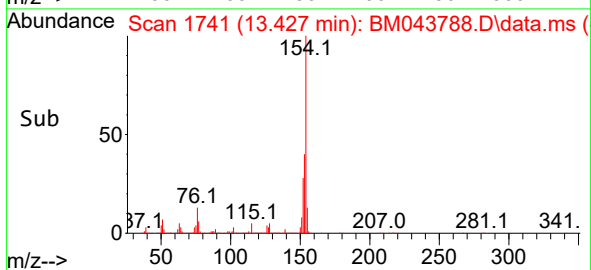
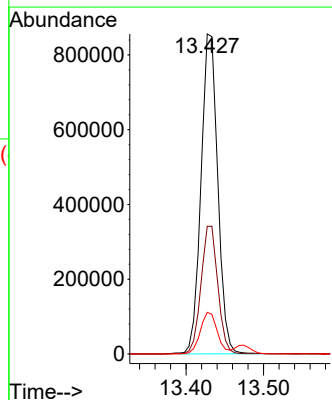
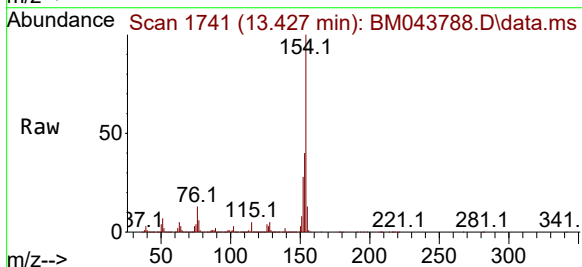
Instrument :
BNA_M
ClientSampleId :

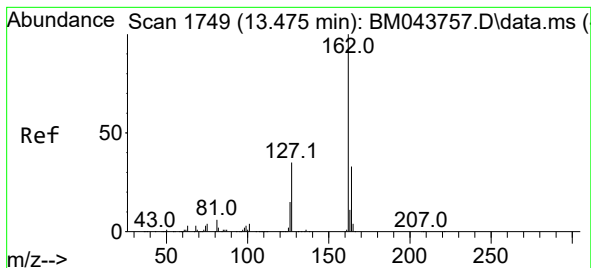
Tgt Ion:196 Resp: 341176
Ion Ratio Lower Upper
196 100
198 91.9 75.1 112.7
200 29.5 24.6 37.0



#43
1,1'-Biphenyl
Concen: 17.809 ng/ul
RT: 13.427 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:154 Resp: 1283092
Ion Ratio Lower Upper
154 100
153 39.9 31.8 47.6
76 13.0 11.7 17.5





#44

2-Chloronaphthalene

Concen: 18.497 ng/ul

RT: 13.474 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

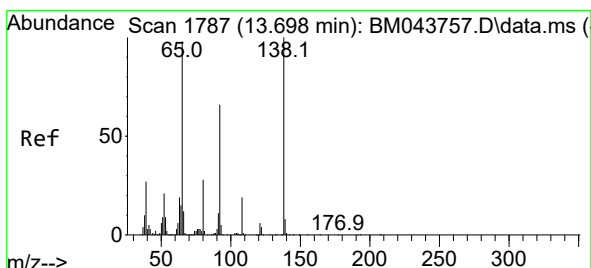
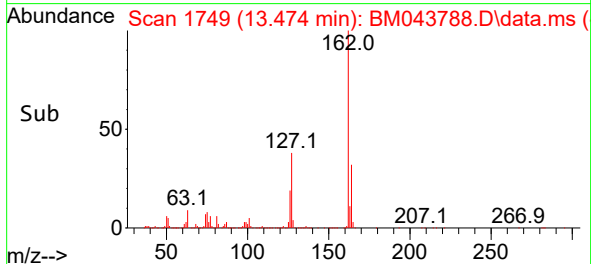
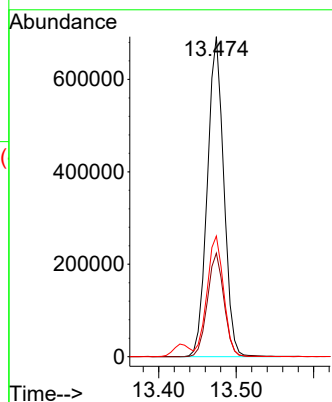
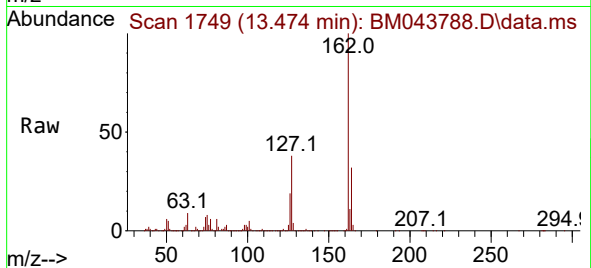
Tgt Ion:162 Resp: 1021724

Ion Ratio Lower Upper

162 100

164 32.3 26.4 39.6

127 37.7 32.2 48.4



#45

2-Nitroaniline

Concen: 16.628 ng/ul

RT: 13.698 min Scan# 1787

Delta R.T. 0.012 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

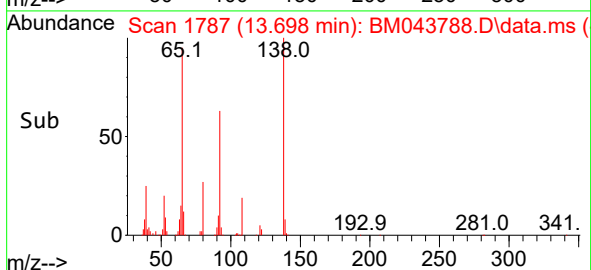
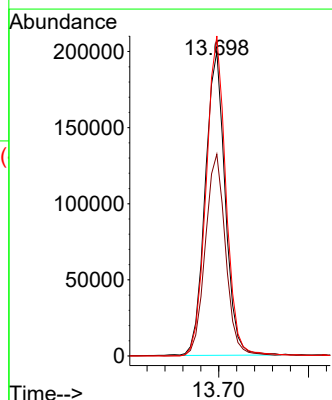
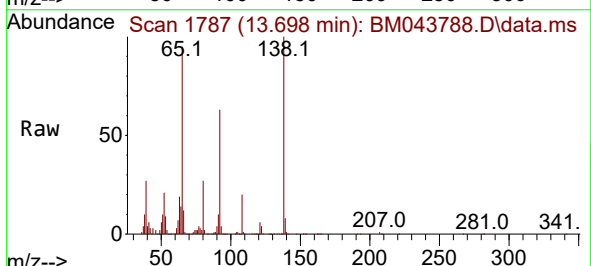
Tgt Ion: 65 Resp: 307994

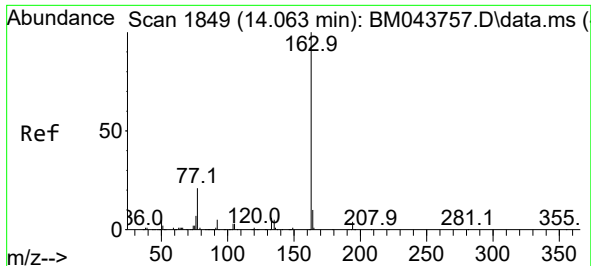
Ion Ratio Lower Upper

65 100

92 66.3 51.4 77.2

138 105.1 78.4 117.6

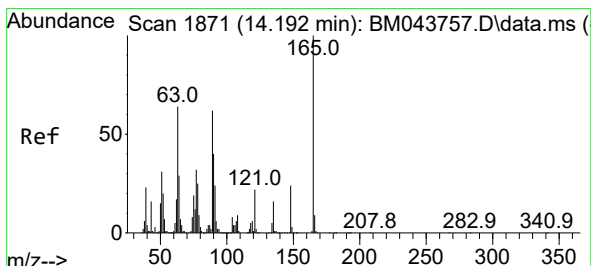
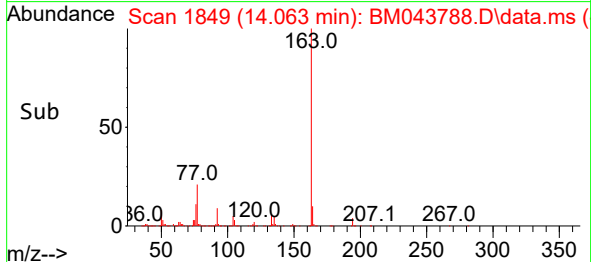
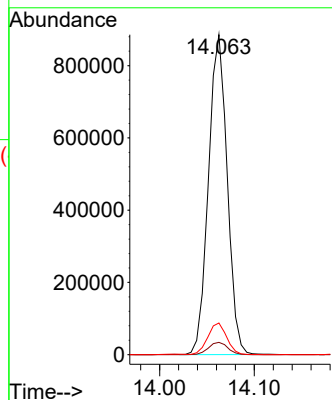
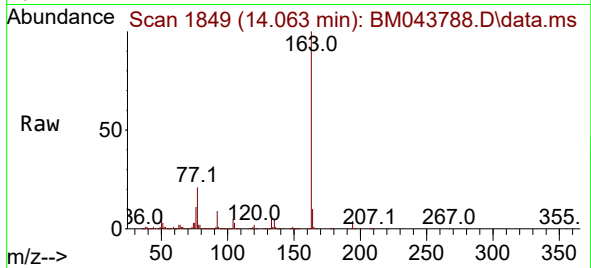




#47
Dimethylphthalate
Concen: 18.122 ng/ul
RT: 14.063 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

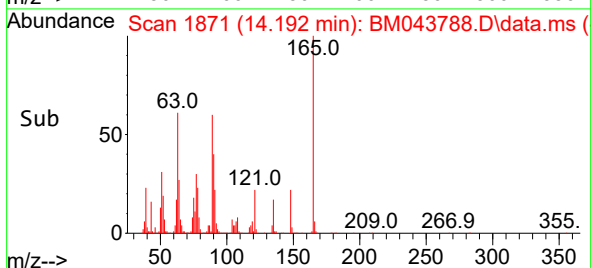
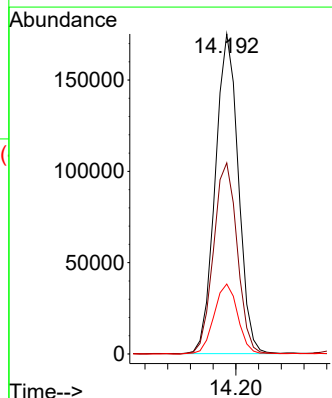
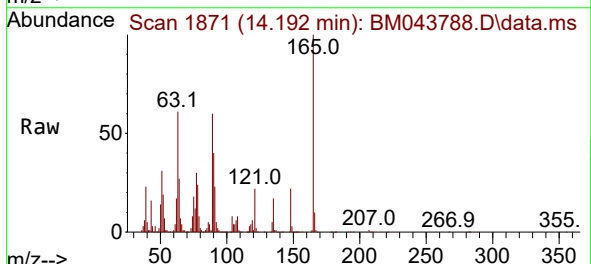
Instrument :
BNA_M
ClientSampleId :

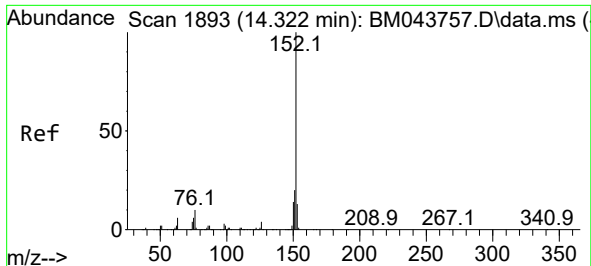
Tgt Ion:163 Resp: 1217636
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 19.029 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:165 Resp: 247191
Ion Ratio Lower Upper
165 100
89 59.7 50.7 76.1
121 21.8 18.6 27.8

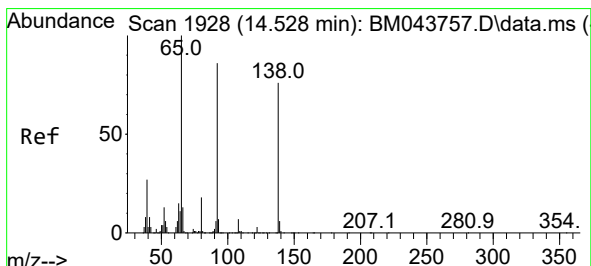
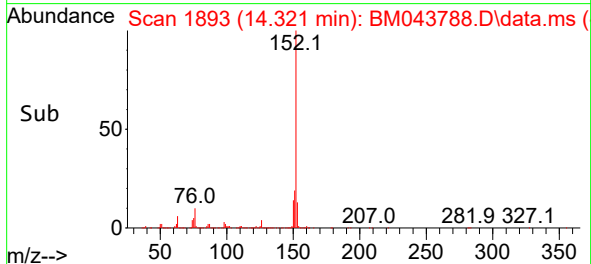
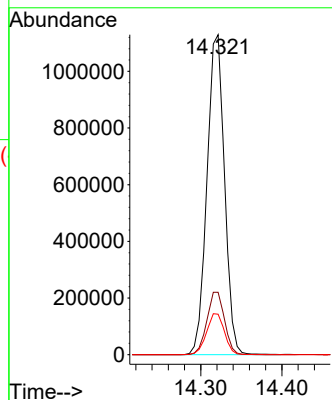
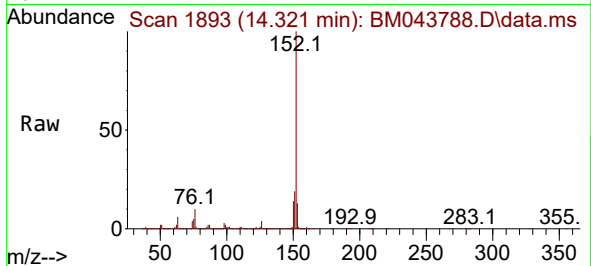




#50
Acenaphthylene
Concen: 18.220 ng/ul
RT: 14.321 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

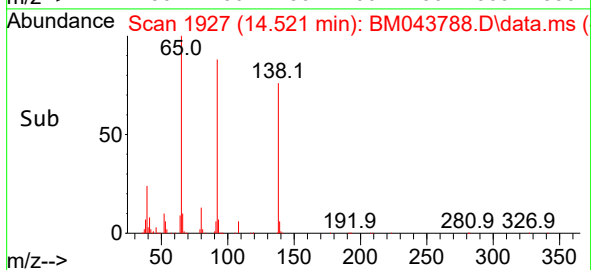
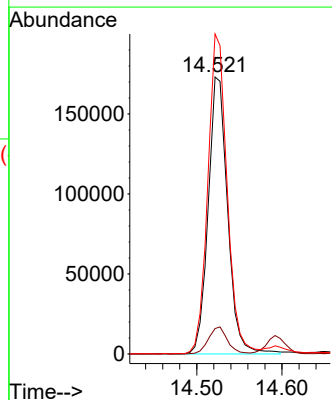
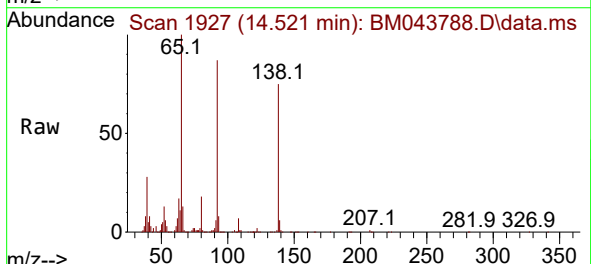
Instrument :
BNA_M
ClientSampleId :

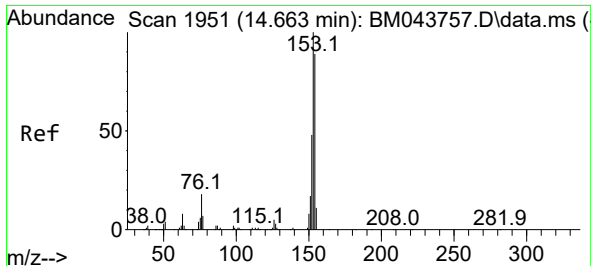
Tgt Ion:152 Resp: 1688720
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 12.6 10.2 15.4



#51
3-Nitroaniline
Concen: 18.409 ng/ul
RT: 14.521 min Scan# 1927
Delta R.T. 0.012 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:138 Resp: 274535
Ion Ratio Lower Upper
138 100
108 9.2 8.4 12.6
92 115.5 94.6 142.0

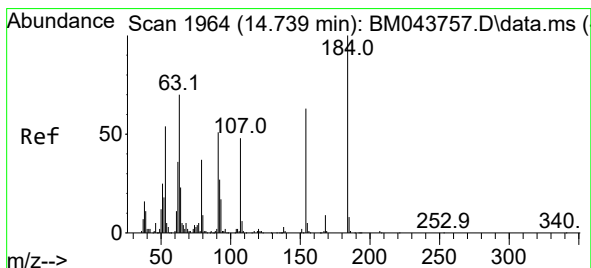
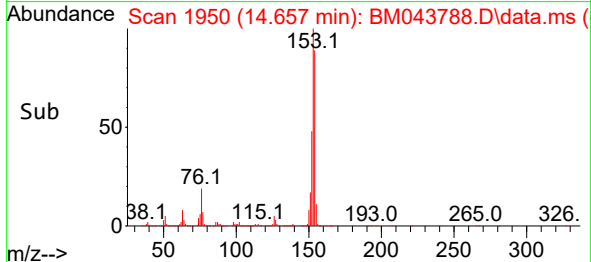
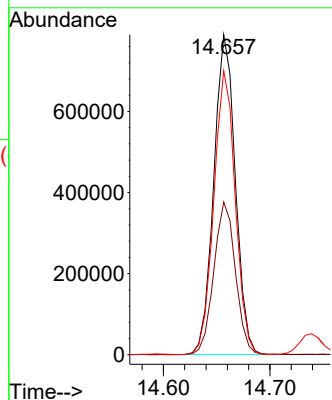
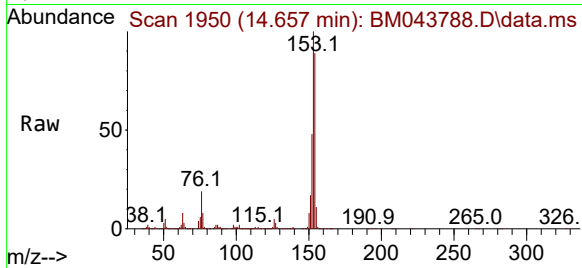




#52
Acenaphthene
Concen: 18.154 ng/ul
RT: 14.657 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

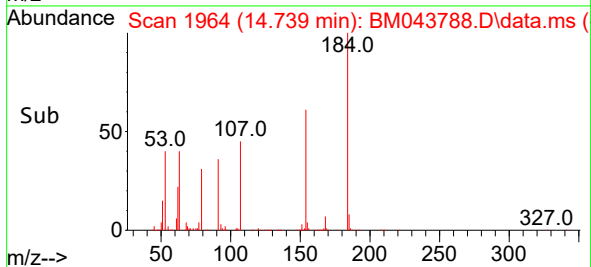
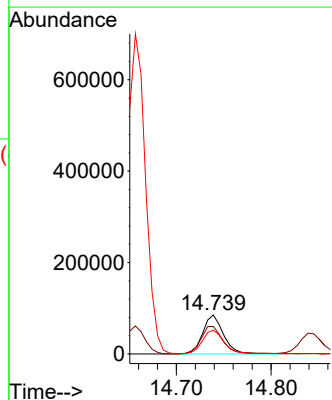
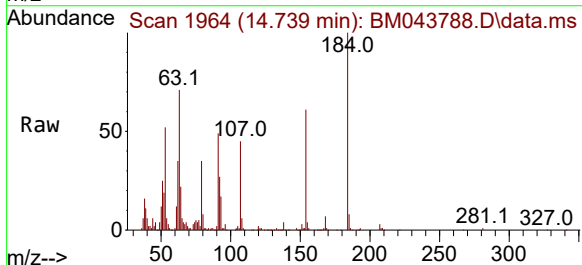
Instrument :
BNA_M
ClientSampleId :

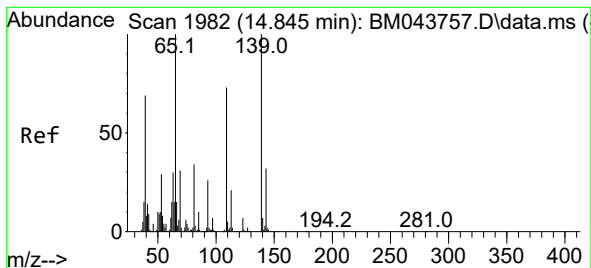
Tgt Ion:153 Resp: 1108919
Ion Ratio Lower Upper
153 100
152 47.7 38.1 57.1
154 88.7 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 18.733 ng/ul
RT: 14.739 min Scan# 1964
Delta R.T. 0.023 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:184 Resp: 129541
Ion Ratio Lower Upper
184 100
63 70.8 64.9 97.3
154 60.8 53.1 79.7

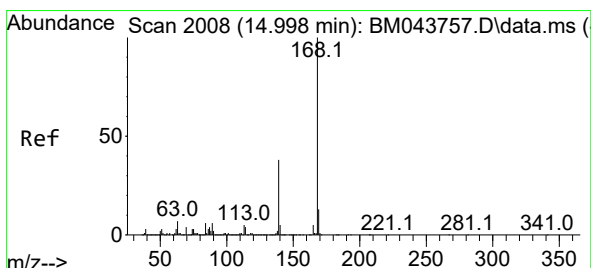
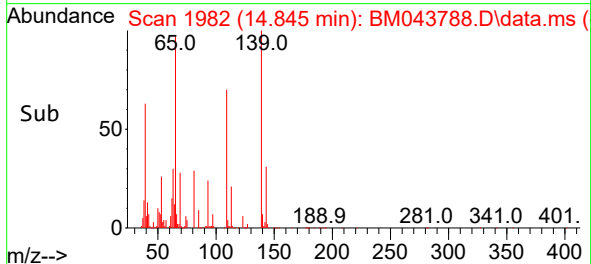
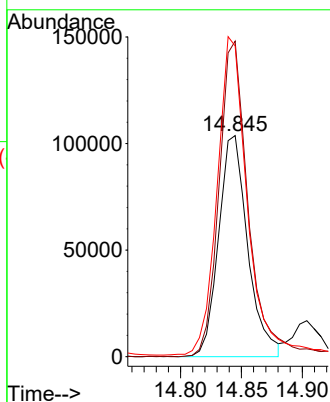
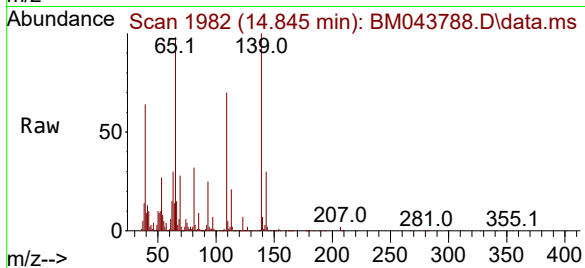




#55
4-Nitrophenol
Concen: 17.298 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. 0.035 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

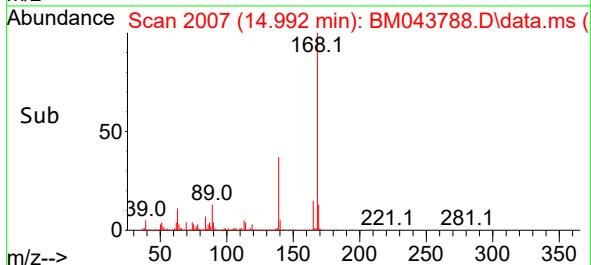
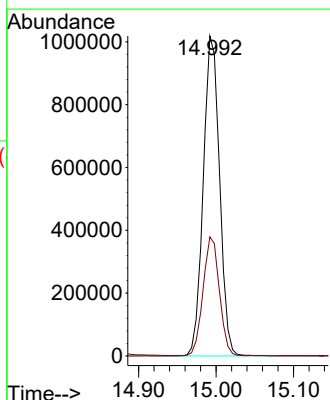
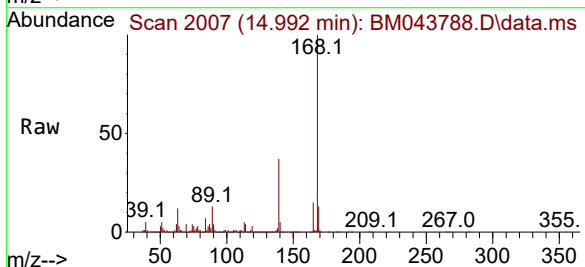
Instrument :
BNA_M
ClientSampleId :

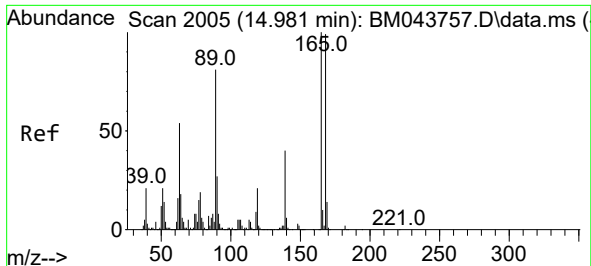
Tgt Ion:109 Resp: 172969
Ion Ratio Lower Upper
109 100
139 142.6 107.0 160.6
65 140.5 110.4 165.6



#56
Dibenzofuran
Concen: 18.855 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:168 Resp: 1487480
Ion Ratio Lower Upper
168 100
139 37.2 31.8 47.8





#57

2,4-Dinitrotoluene

Concen: 19.686 ng/ul

RT: 14.980 min Scan# 2005

Delta R.T. 0.012 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

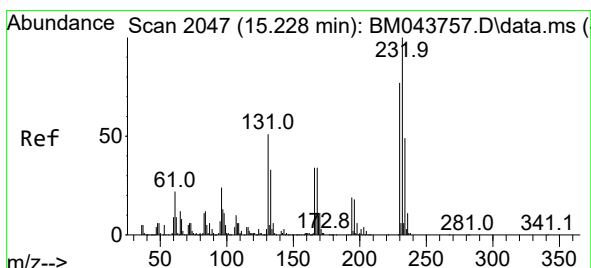
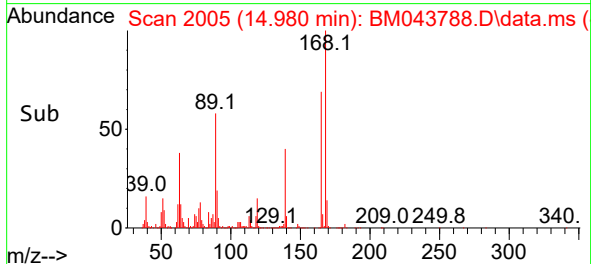
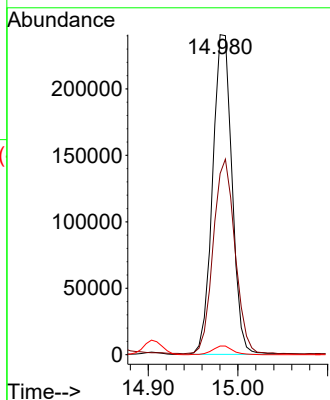
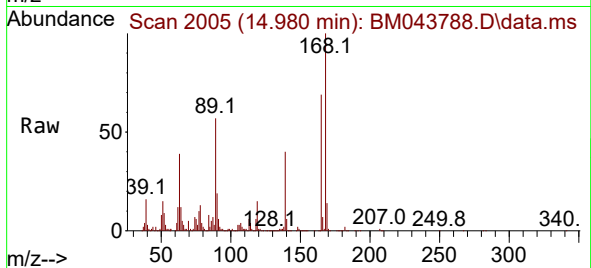
Tgt Ion:165 Resp: 361305

Ion Ratio Lower Upper

165 100

63 56.6 43.2 64.8

182 2.7 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.556 ng/ul

RT: 15.221 min Scan# 2046

Delta R.T. 0.006 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Tgt Ion:232 Resp: 273725

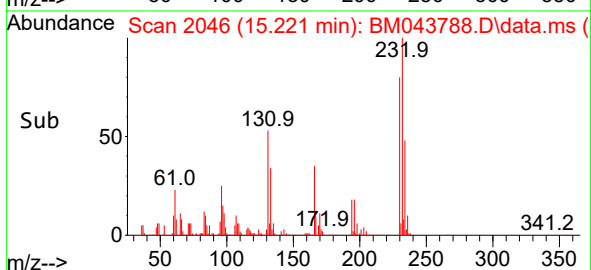
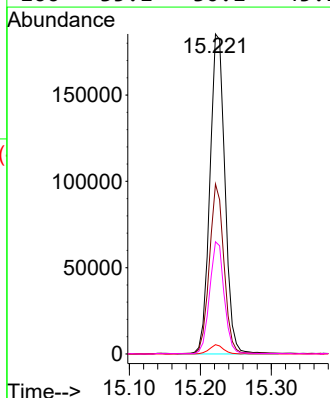
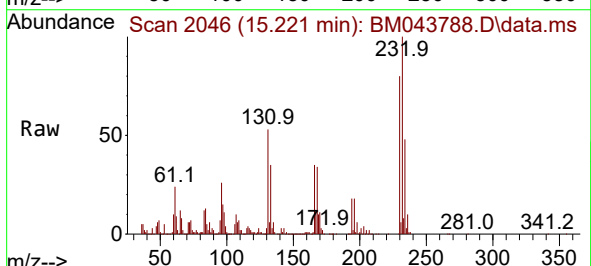
Ion Ratio Lower Upper

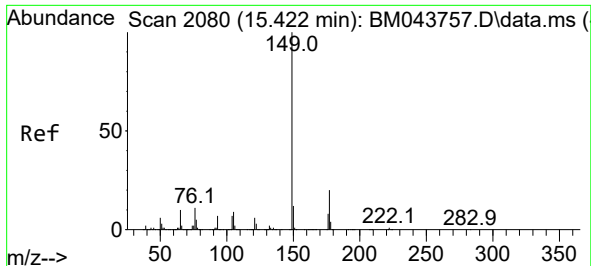
232 100

131 53.1 47.4 71.0

130 2.9 2.4 3.6

166 35.1 30.1 45.1

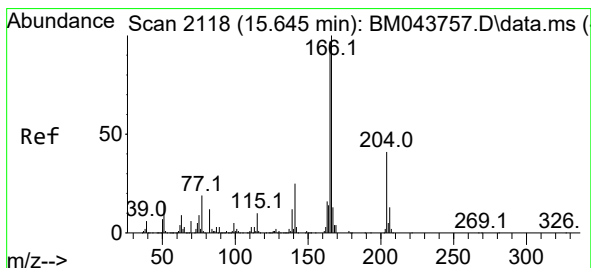
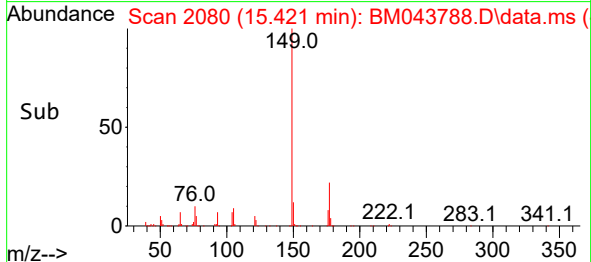
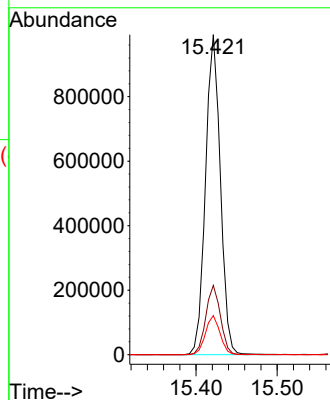
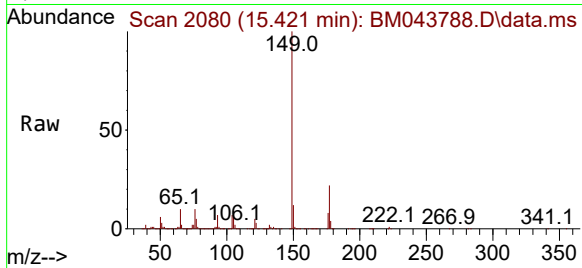




#59
Diethylphthalate
Concen: 18.254 ng/ul
RT: 15.421 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

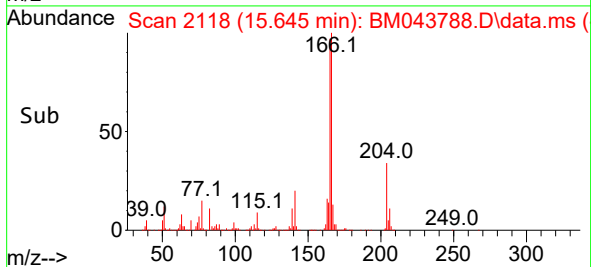
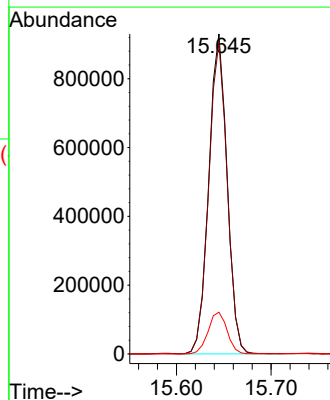
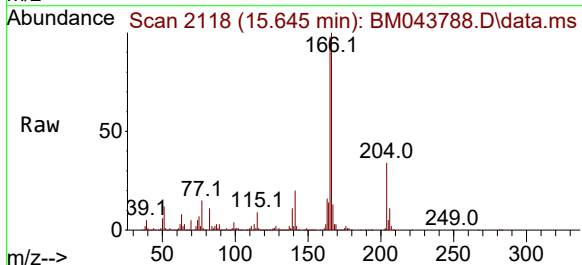
Instrument :
BNA_M
ClientSampleId :

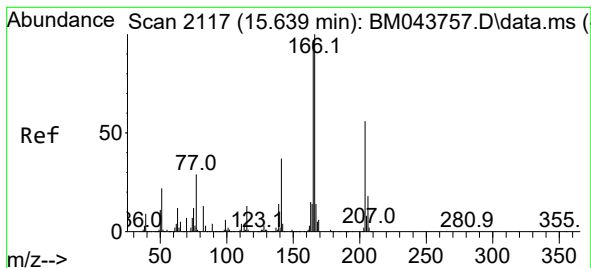
Tgt Ion:149 Resp: 1256911
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.2 9.7 14.5



#61
Fluorene
Concen: 18.503 ng/ul
RT: 15.645 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:166 Resp: 1247067
Ion Ratio Lower Upper
166 100
165 97.5 76.9 115.3
167 13.1 10.9 16.3

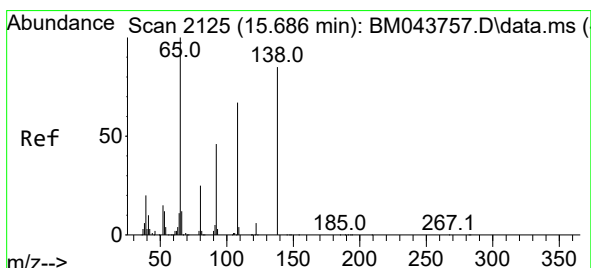
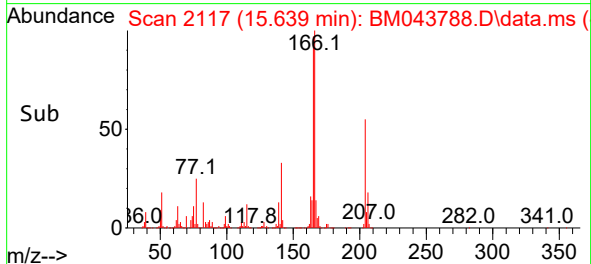
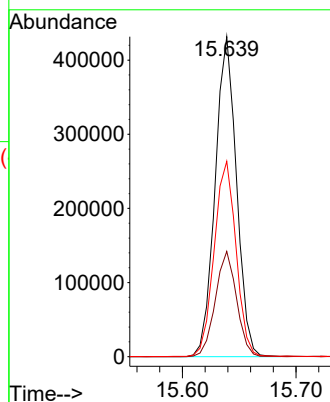
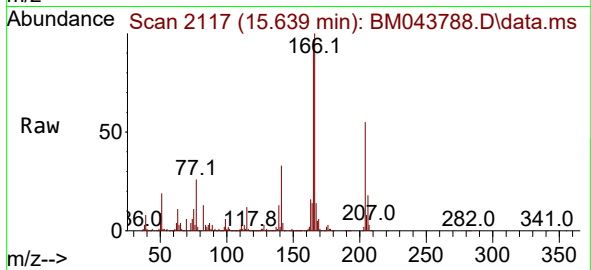




#62
 4-Chlorophenyl-phenylether
 Concen: 19.033 ng/ul
 RT: 15.639 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BM043788.D
 Acq: 06 Jan 2024 09:09

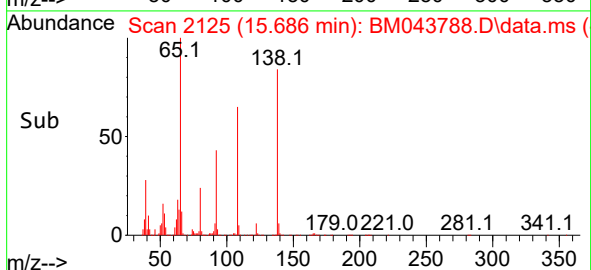
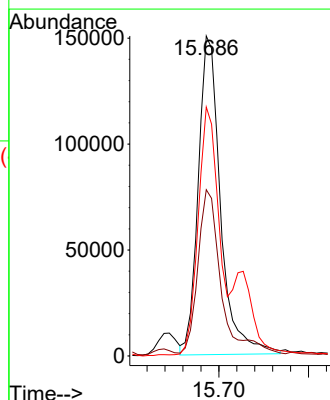
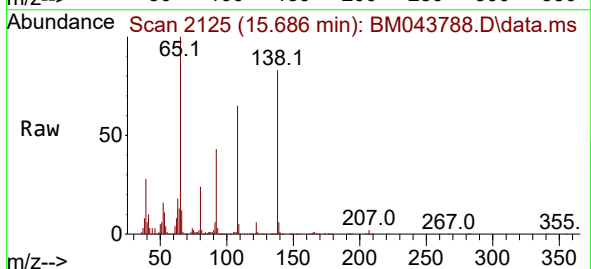
Instrument :
 BNA_M
 ClientSampleId :

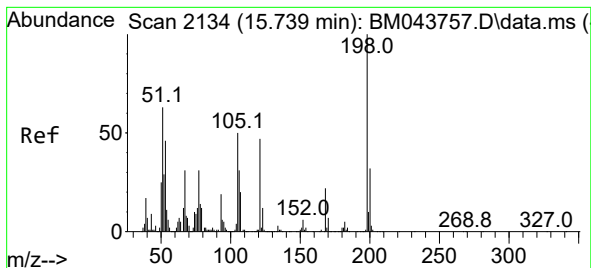
Tgt Ion:204 Resp: 564261
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.3 37.9
 141 61.1 54.2 81.2



#63
 4-Nitroaniline
 Concen: 18.975 ng/ul
 RT: 15.686 min Scan# 2125
 Delta R.T. 0.017 min
 Lab File: BM043788.D
 Acq: 06 Jan 2024 09:09

Tgt Ion:138 Resp: 259000
 Ion Ratio Lower Upper
 138 100
 92 52.0 43.9 65.9
 108 77.8 67.0 100.6

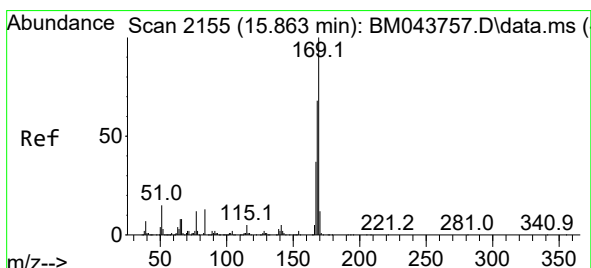
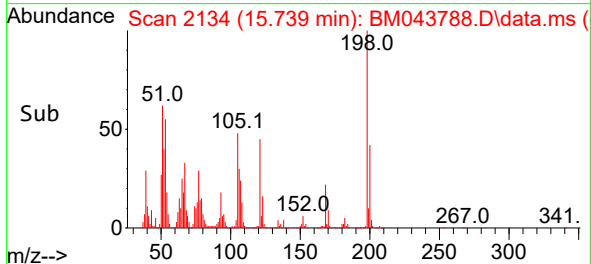
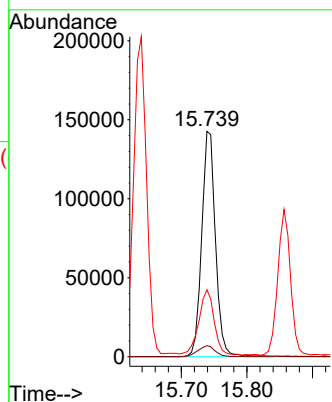
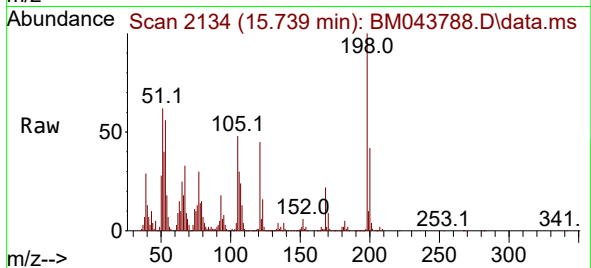




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.965 ng/ul
 RT: 15.739 min Scan# 2134
 Delta R.T. 0.017 min
 Lab File: BM043788.D
 Acq: 06 Jan 2024 09:09

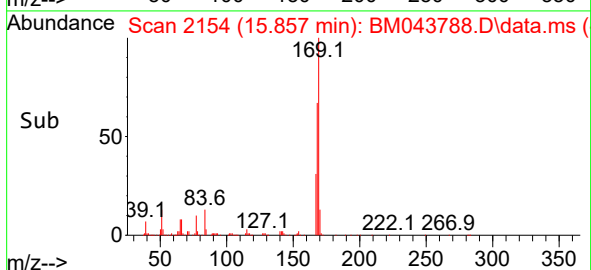
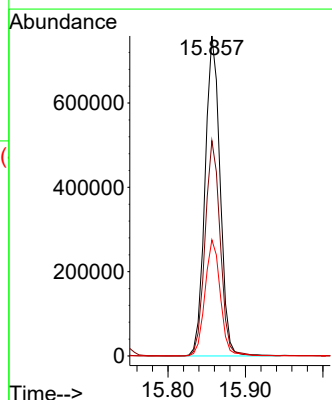
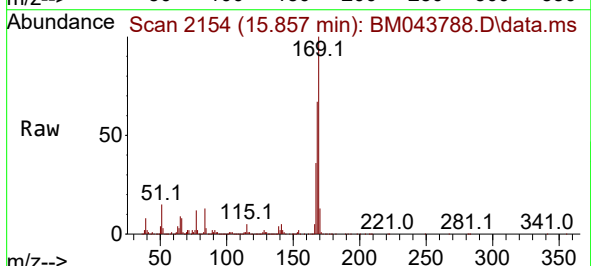
Instrument :
 BNA_M
 ClientSampleId :

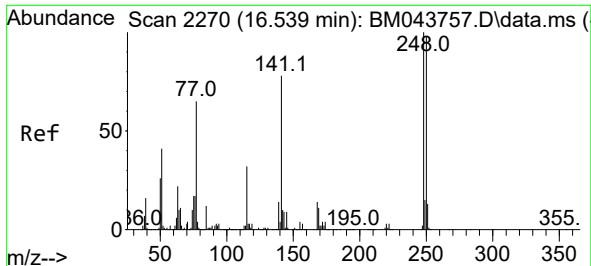
Tgt Ion:198 Resp: 208815
 Ion Ratio Lower Upper
 198 100
 182 4.9 3.8 5.6
 77 29.7 27.6 41.4



#67
 N-Nitrosodiphenylamine
 Concen: 17.083 ng/ul
 RT: 15.857 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: BM043788.D
 Acq: 06 Jan 2024 09:09

Tgt Ion:169 Resp: 1023212
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.1 81.1
 167 36.3 29.8 44.8

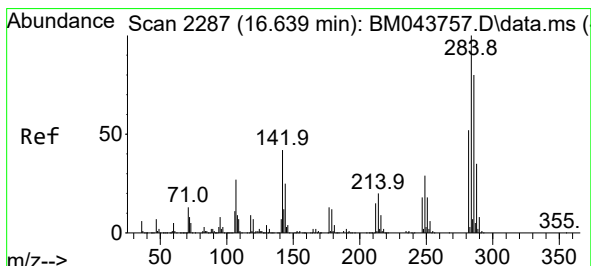
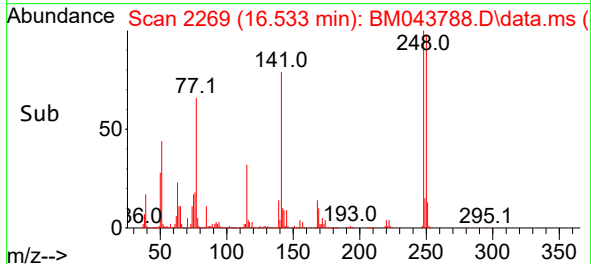
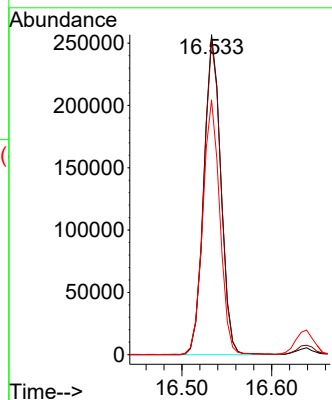
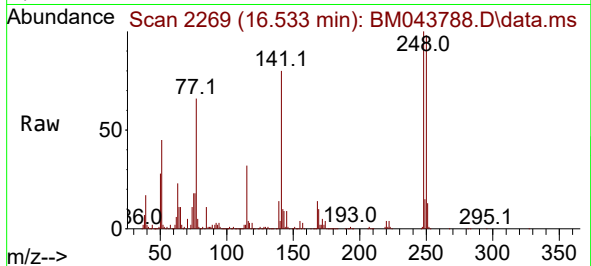




#68
4-Bromophenyl-phenylether
Concen: 18.267 ng/ul
RT: 16.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

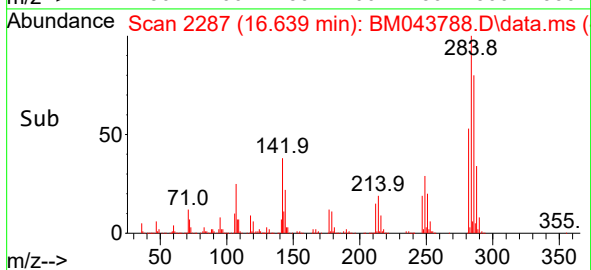
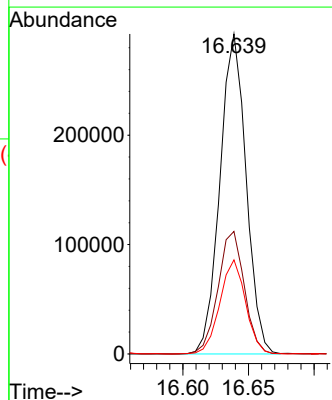
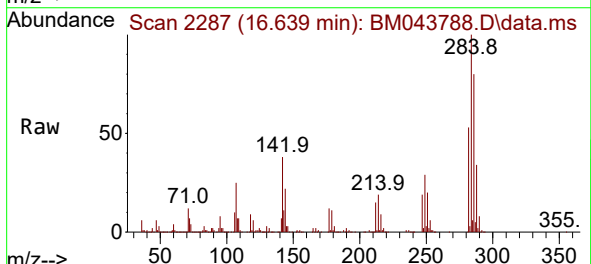
Instrument :
BNA_M
ClientSampleId :

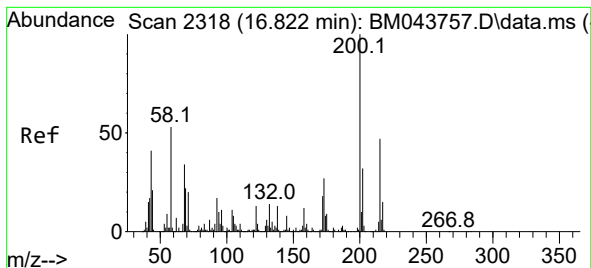
Tgt Ion:248 Resp: 337461
Ion Ratio Lower Upper
248 100
250 98.2 78.6 118.0
141 79.6 70.1 105.1



#69
Hexachlorobenzene
Concen: 19.192 ng/ul
RT: 16.639 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:284 Resp: 406200
Ion Ratio Lower Upper
284 100
142 38.3 34.5 51.7
249 29.4 23.8 35.6





#70

Atrazine

Concen: 15.454 ng/ul

RT: 16.815 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

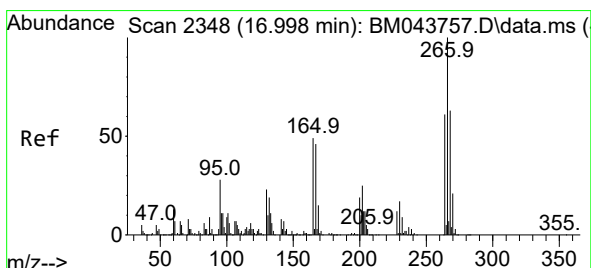
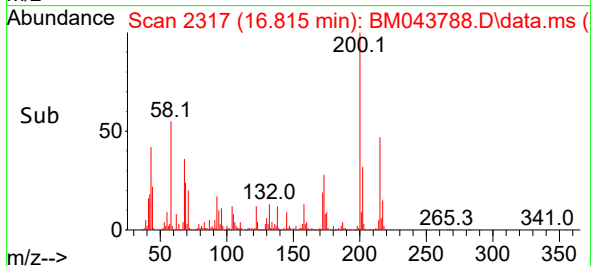
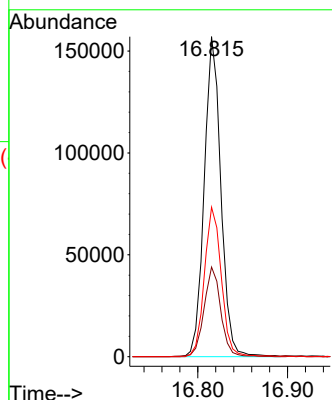
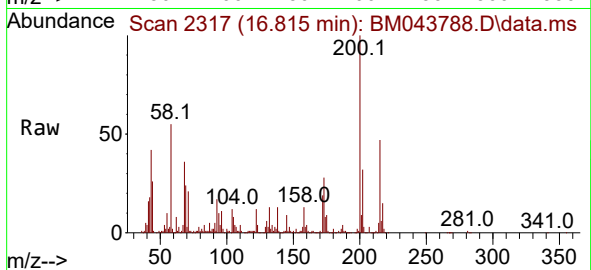
Tgt Ion:200 Resp: 202890

Ion Ratio Lower Upper

200 100

173 28.0 23.4 35.2

215 46.7 37.8 56.8



#71

Pentachlorophenol

Concen: 18.006 ng/ul

RT: 16.992 min Scan# 2347

Delta R.T. 0.012 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

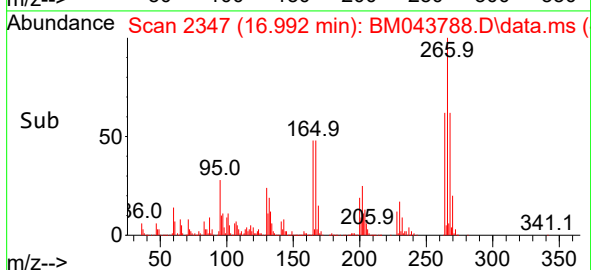
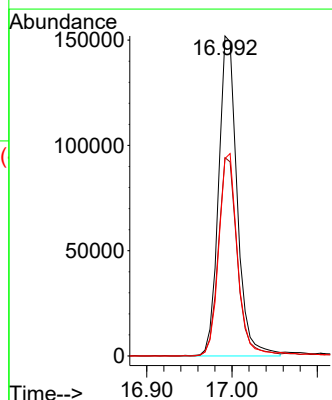
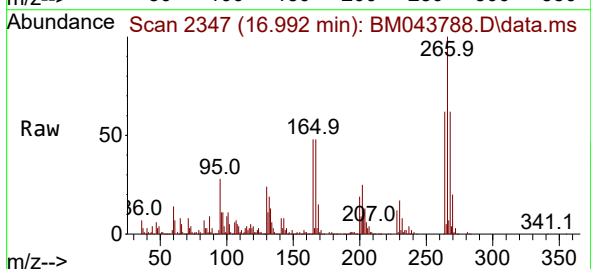
Tgt Ion:266 Resp: 230400

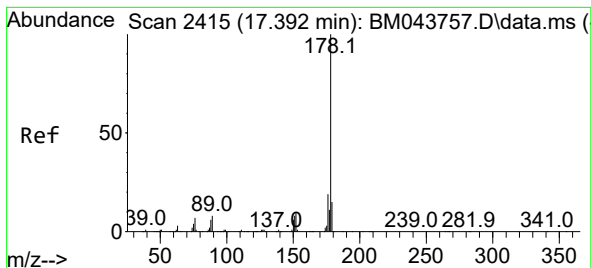
Ion Ratio Lower Upper

266 100

264 61.9 49.9 74.9

268 61.7 51.0 76.6





#72

Phenanthrene

Concen: 18.161 ng/ul

RT: 17.386 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

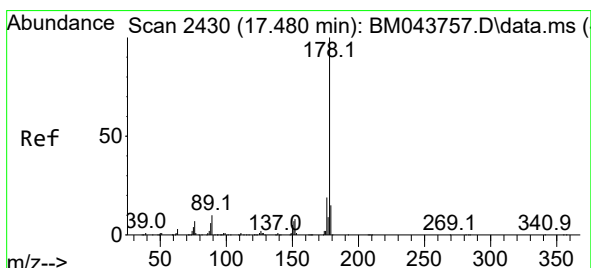
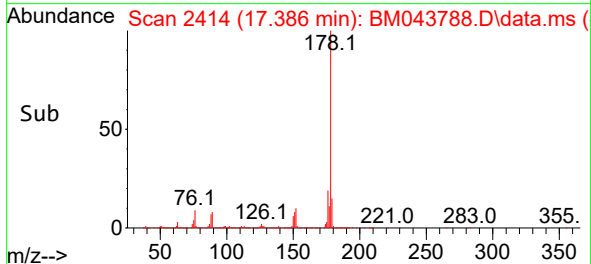
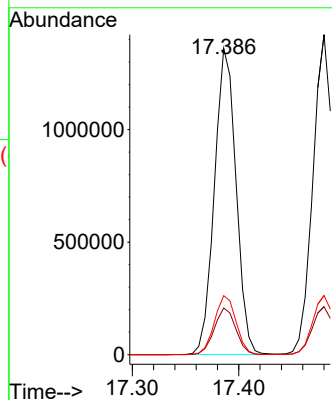
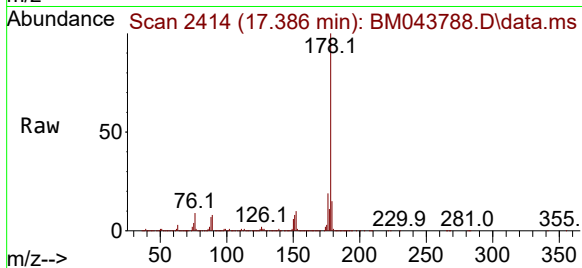
Tgt Ion:178 Resp: 1919450

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.3 15.5 23.3



#74

Anthracene

Concen: 18.319 ng/ul

RT: 17.480 min Scan# 2430

Delta R.T. 0.006 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

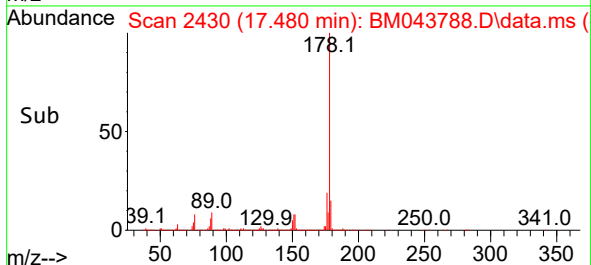
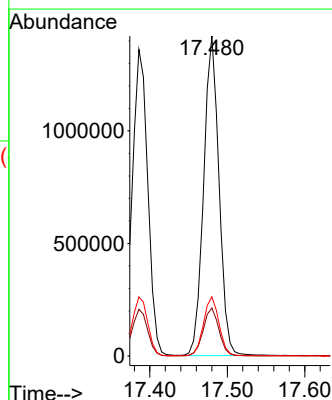
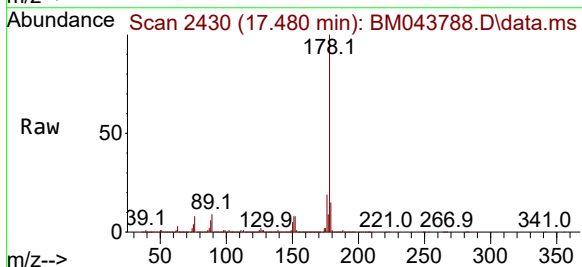
Tgt Ion:178 Resp: 1953948

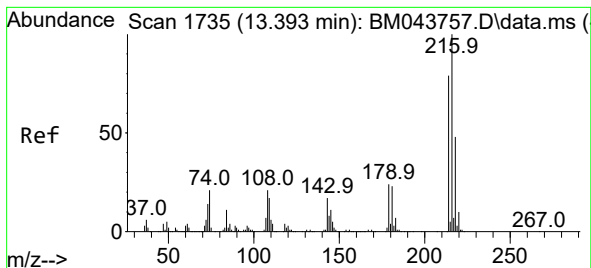
Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

176 18.5 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.179 ng/uL

RT: 13.392 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

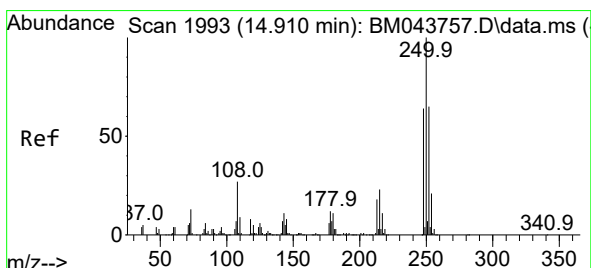
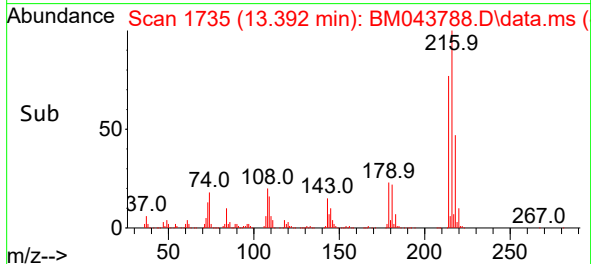
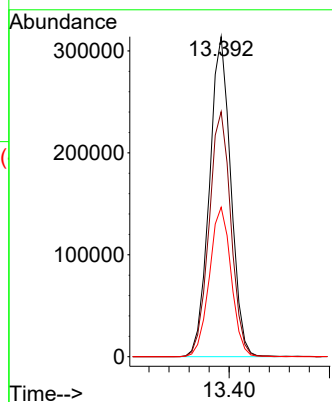
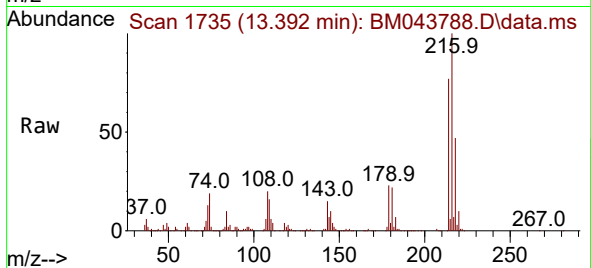
Tgt Ion:216 Resp: 465545

Ion Ratio Lower Upper

216 100

214 76.5 63.0 94.6

218 46.7 38.6 57.8



#76

Pentachlorobenzene

Concen: 18.482 ng/uL

RT: 14.904 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

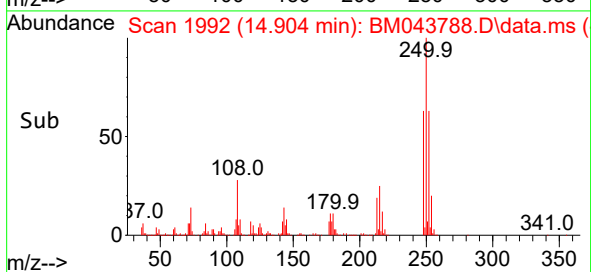
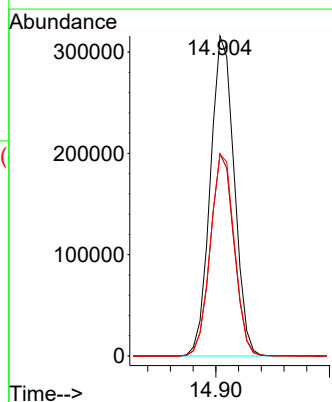
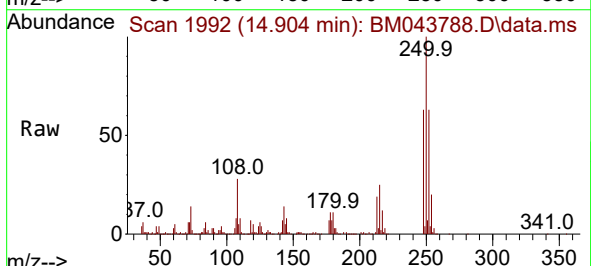
Tgt Ion:250 Resp: 460866

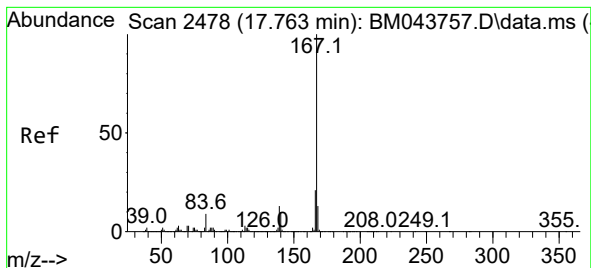
Ion Ratio Lower Upper

250 100

248 63.2 49.0 73.4

252 63.0 49.6 74.4





#77

Carbazole

Concen: 19.847 ng/ul

RT: 17.762 min Scan# 2478

Delta R.T. 0.017 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

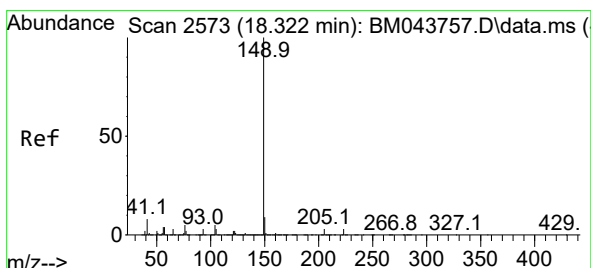
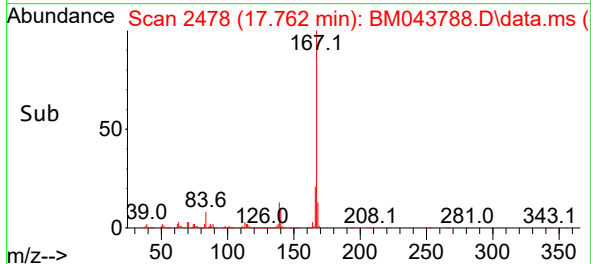
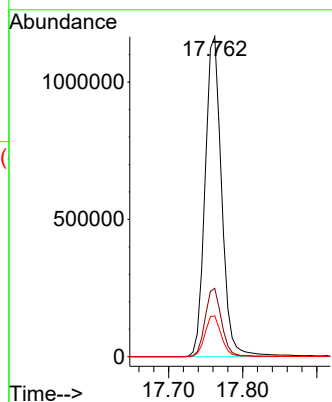
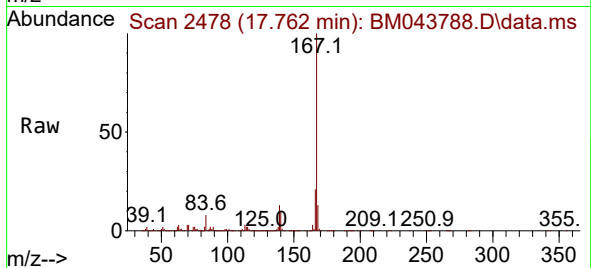
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:167 Resp: 1806764

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.3	25.9
139	12.7	10.7	16.1



#78

Di-n-butylphthalate

Concen: 19.037 ng/ul

RT: 18.315 min Scan# 2572

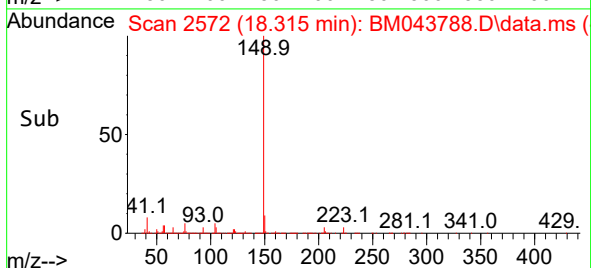
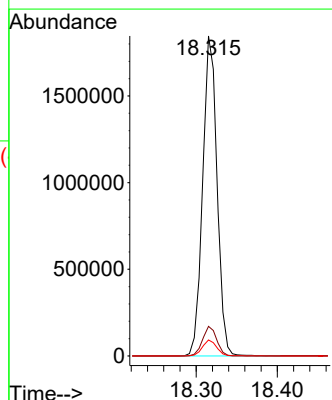
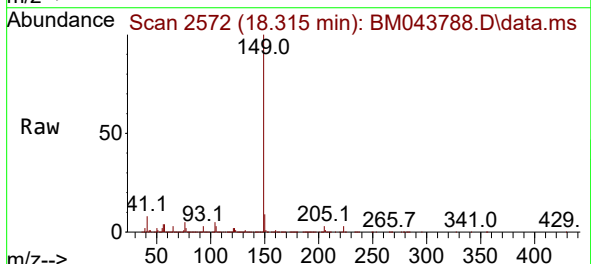
Delta R.T. -0.000 min

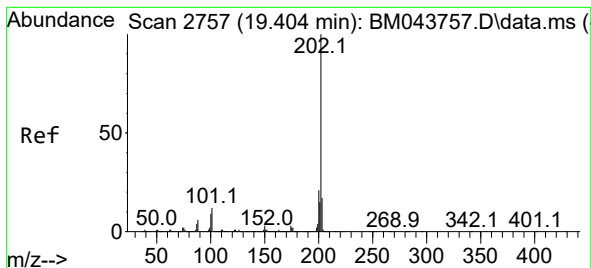
Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Tgt Ion:149 Resp: 2265653

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.2	6.2





#80

Fluoranthene

Concen: 14.446 ng/ul

RT: 19.403 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

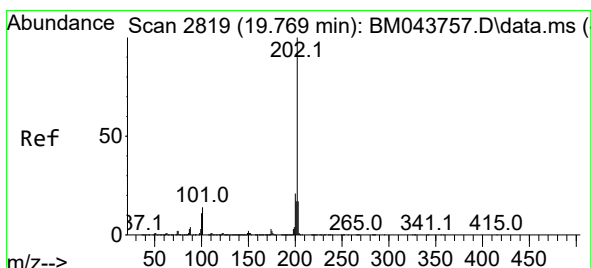
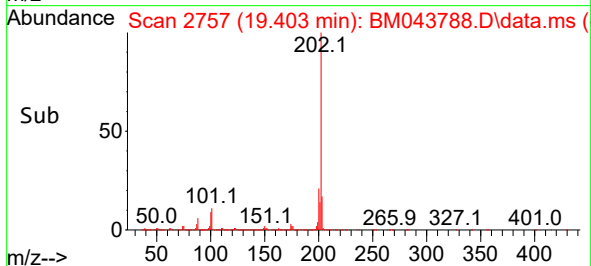
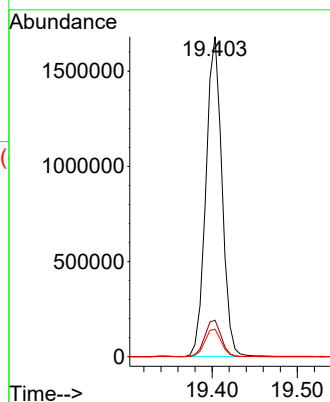
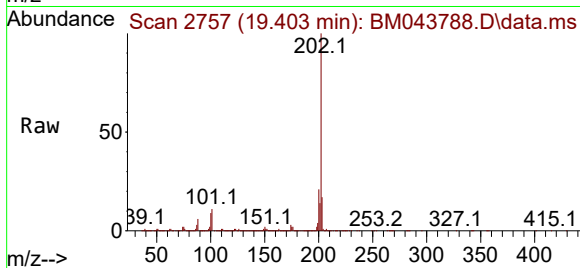
Tgt Ion:202 Resp: 2196161

Ion Ratio Lower Upper

202 100

101 11.4 11.4 17.0

100 8.6 8.2 12.4



#82

Pyrene

Concen: 14.810 ng/ul

RT: 19.762 min Scan# 2818

Delta R.T. 0.006 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

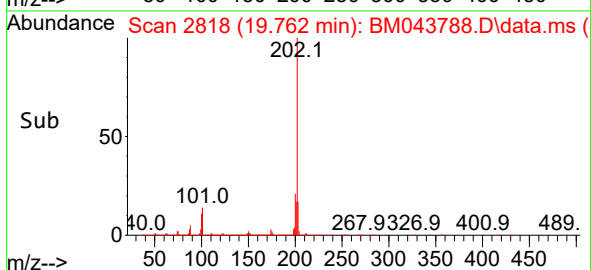
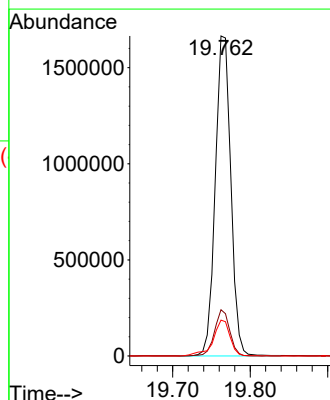
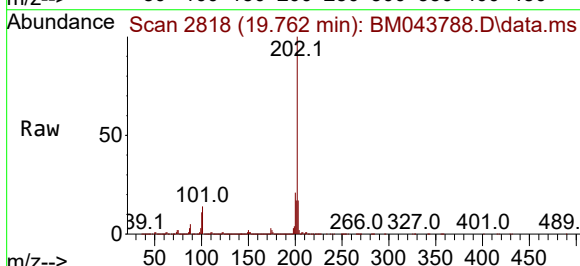
Tgt Ion:202 Resp: 2314698

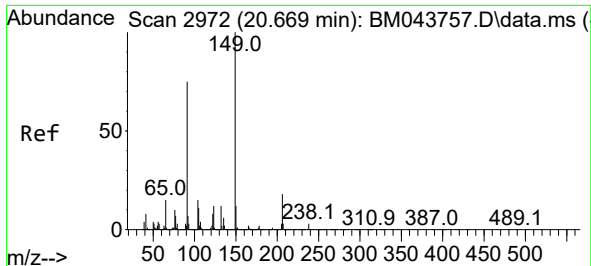
Ion Ratio Lower Upper

202 100

101 14.5 12.7 19.1

100 11.2 10.1 15.1

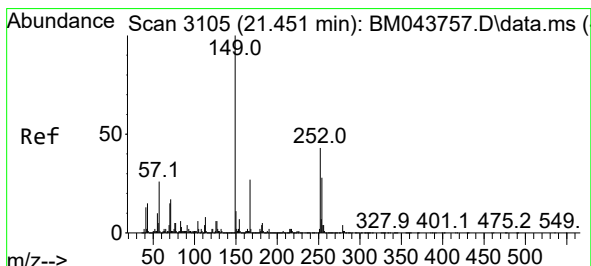
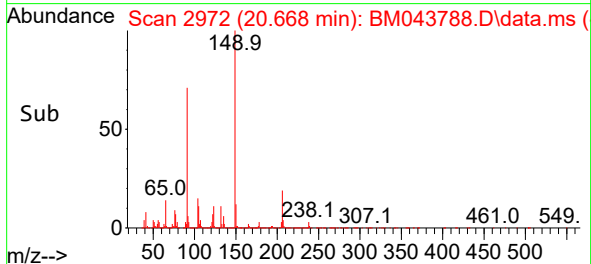
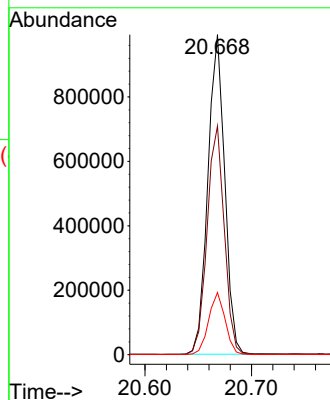
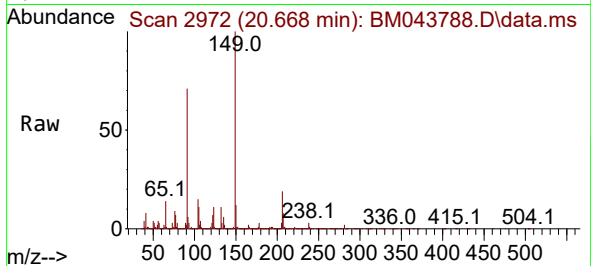




#83
Butylbenzylphthalate
Concen: 16.155 ng/ul
RT: 20.668 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

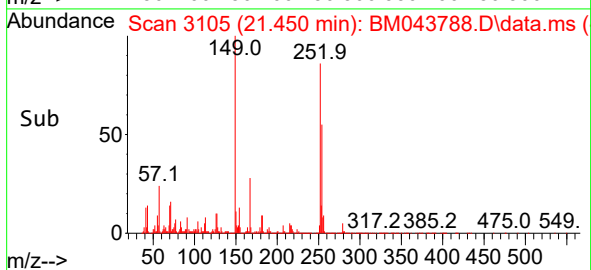
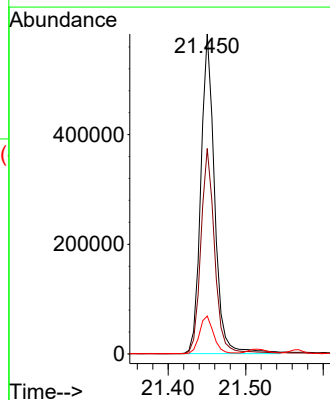
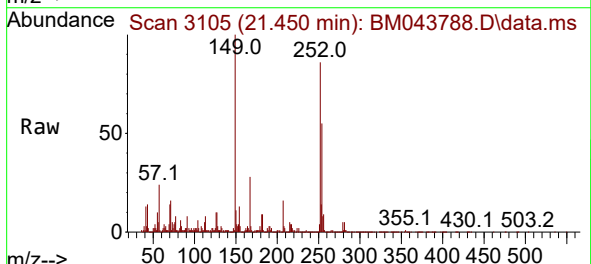
Instrument :
BNA_M
ClientSampleId :

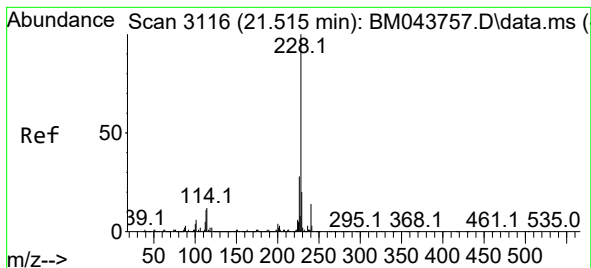
Tgt Ion:149 Resp: 1091582
Ion Ratio Lower Upper
149 100
91 71.4 60.5 90.7
206 19.4 13.9 20.9



#84
3,3'-Dichlorobenzidine
Concen: 18.793 ng/ul
RT: 21.450 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:252 Resp: 719715
Ion Ratio Lower Upper
252 100
254 64.2 50.7 76.1
126 11.9 12.3 18.5





#85

Benzo(a)anthracene

Concen: 18.133 ng/ul

RT: 21.515 min Scan# 3116

Delta R.T. 0.012 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

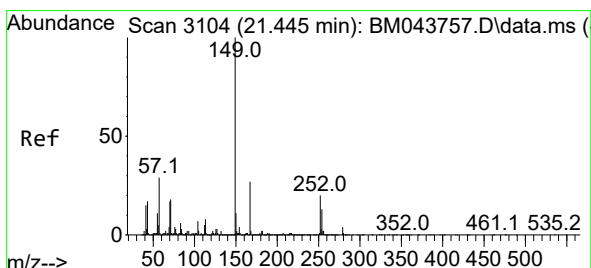
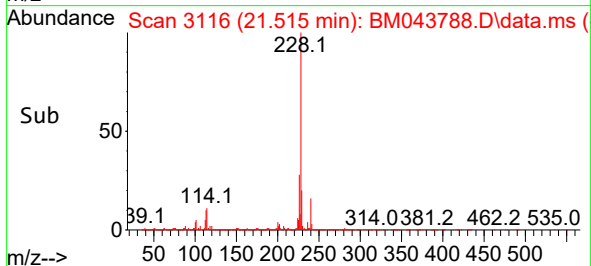
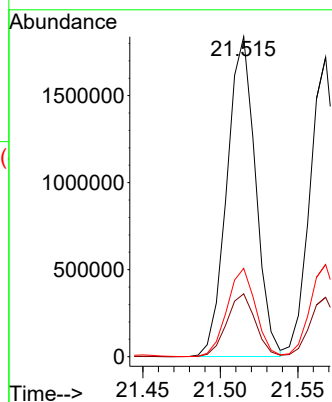
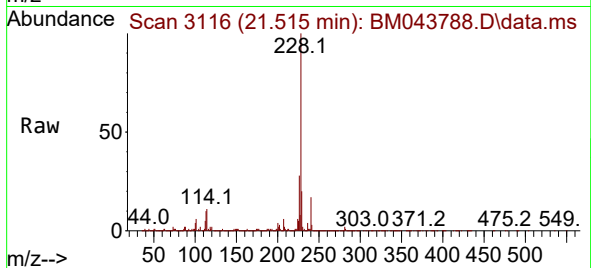
Tgt Ion:228 Resp: 2357784

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.6 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.500 ng/ul

RT: 21.444 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

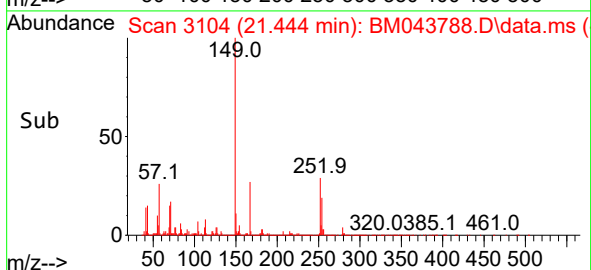
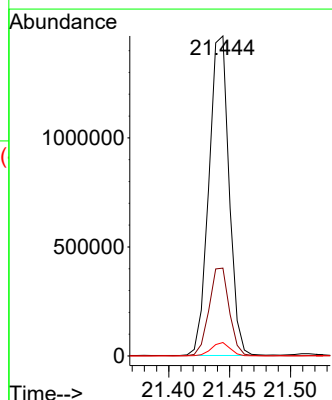
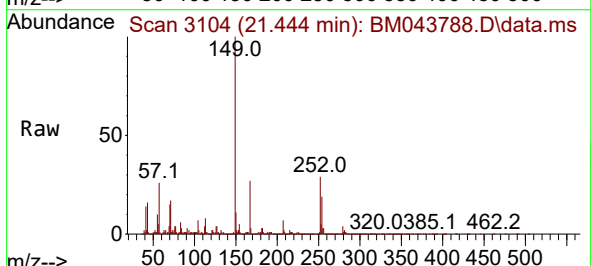
Tgt Ion:149 Resp: 1683462

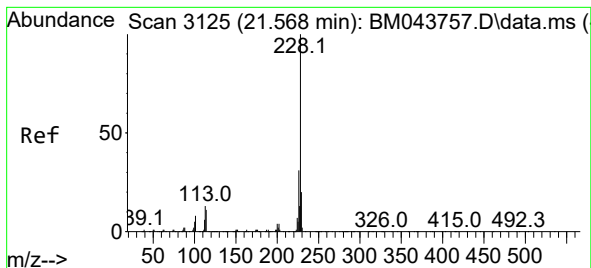
Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

279 4.2 2.8 4.2





#87

Chrysene

Concen: 18.388 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. 0.012 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

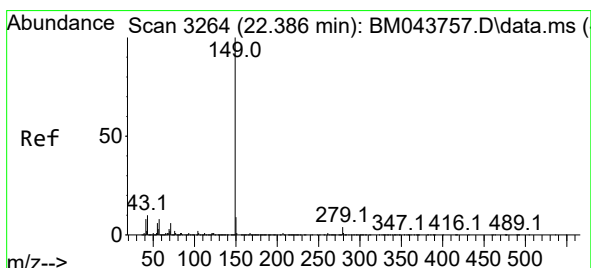
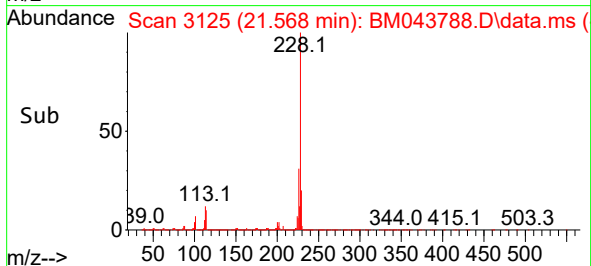
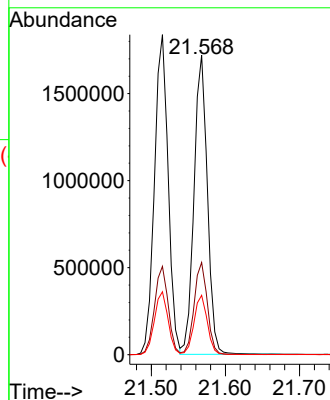
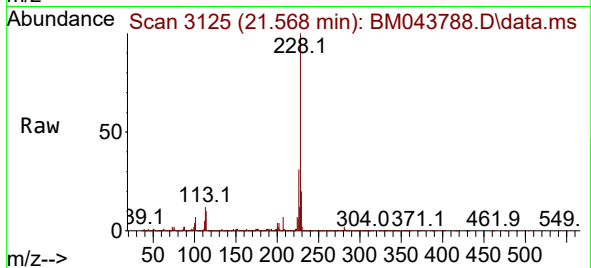
Tgt Ion:228 Resp: 2150985

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 19.8 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 16.821 ng/ul

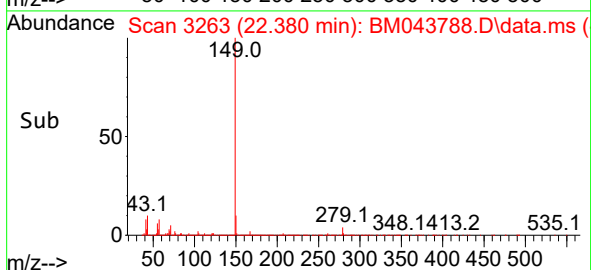
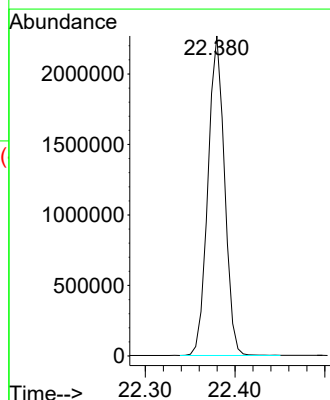
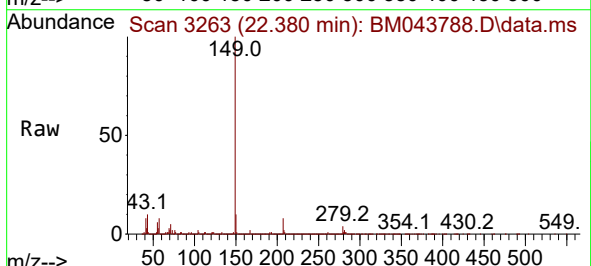
RT: 22.380 min Scan# 3263

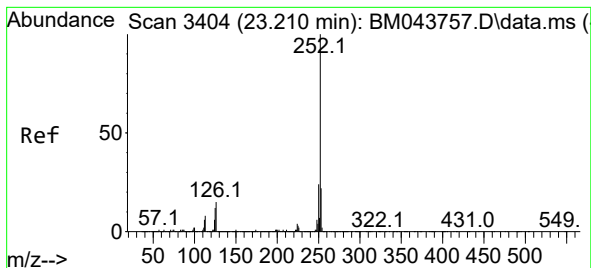
Delta R.T. -0.000 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Tgt Ion:149 Resp: 2904965





#90

Benzo(b)fluoranthene

Concen: 17.143 ng/ul

RT: 23.209 min Scan# 3404

Delta R.T. 0.012 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

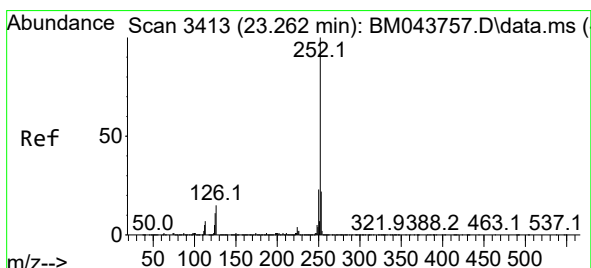
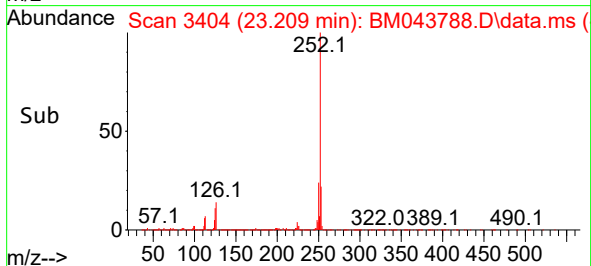
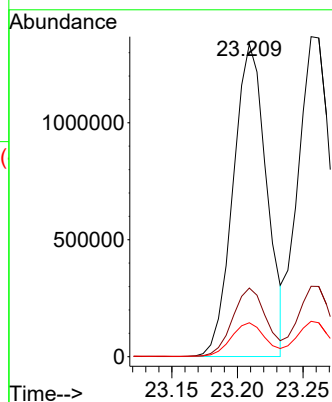
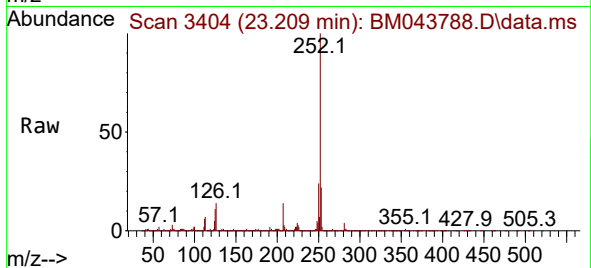
Tgt Ion:252 Resp: 2371725

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.9 10.4 15.6



#91

Benzo(k)fluoranthene

Concen: 17.844 ng/ul

RT: 23.256 min Scan# 3412

Delta R.T. 0.012 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

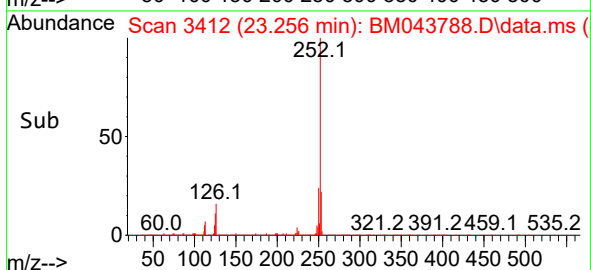
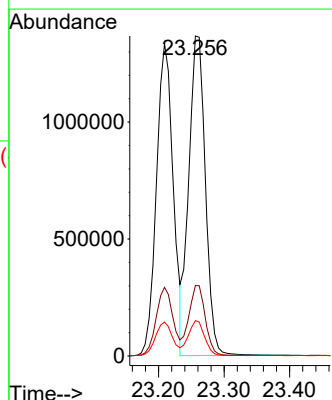
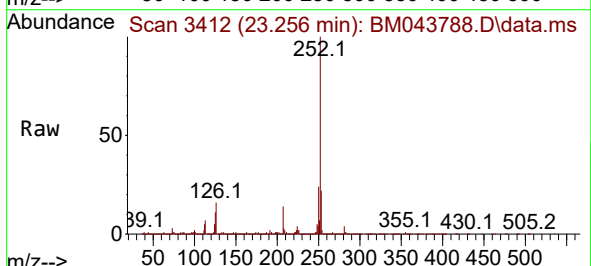
Tgt Ion:252 Resp: 2407795

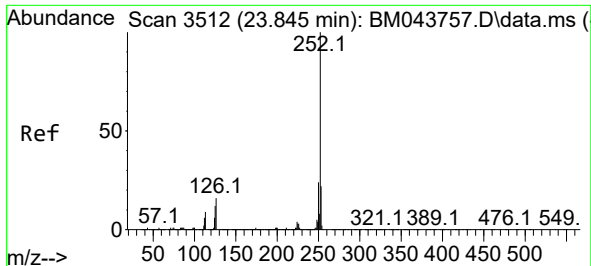
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 11.1 10.2 15.4

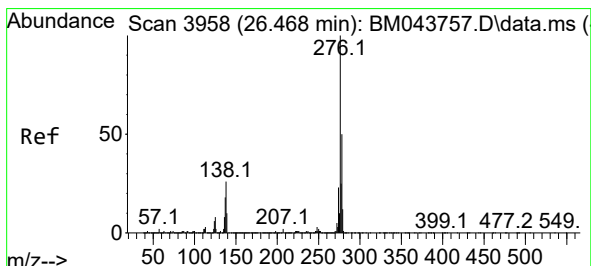
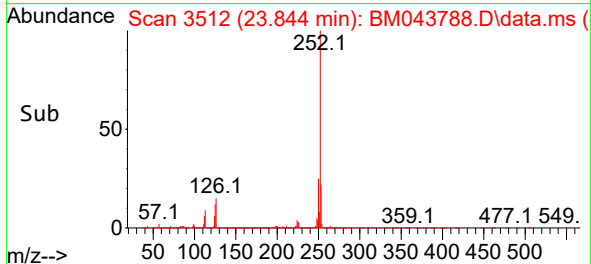
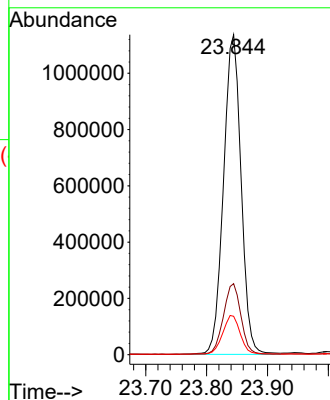
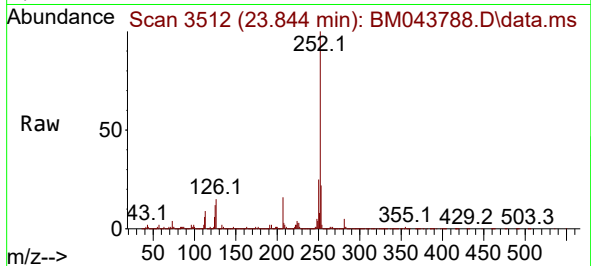




#93
Benzo(a)pyrene
Concen: 18.025 ng/ul
RT: 23.844 min Scan# 31
Delta R.T. 0.023 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

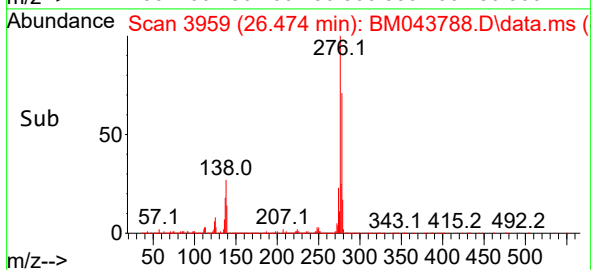
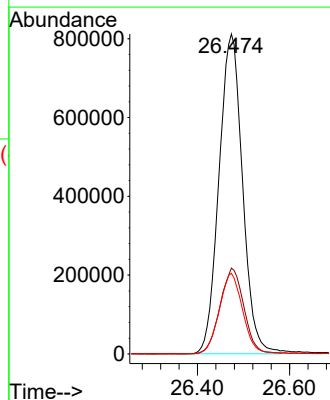
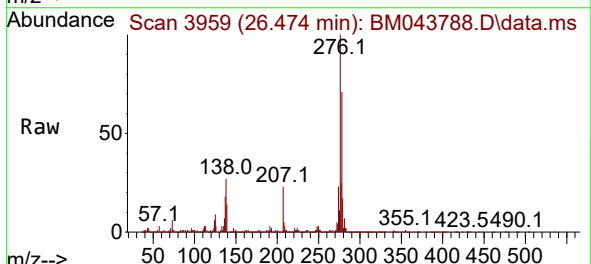
Instrument :
BNA_M
ClientSampleId :

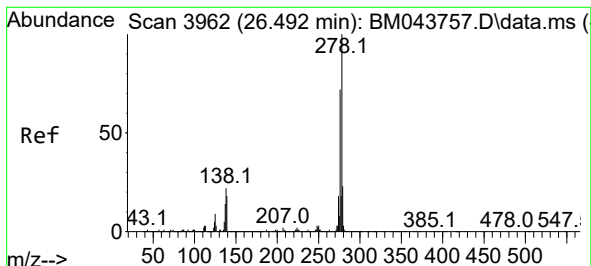
Tgt Ion:252 Resp: 2275213
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.0 11.4 17.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 19.058 ng/ul
RT: 26.474 min Scan# 3959
Delta R.T. 0.035 min
Lab File: BM043788.D
Acq: 06 Jan 2024 09:09

Tgt Ion:276 Resp: 2872252
Ion Ratio Lower Upper
276 100
138 26.8 22.6 34.0
277 25.2 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 19.265 ng/ul

RT: 26.491 min Scan# 3962

Delta R.T. 0.029 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Instrument :

BNA_M

ClientSampleId :

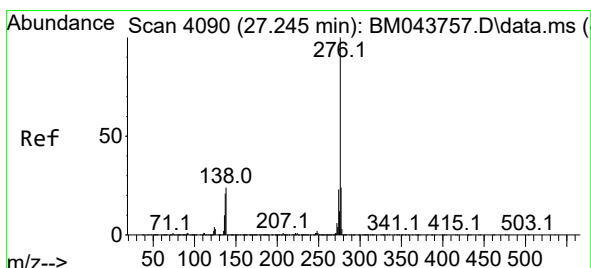
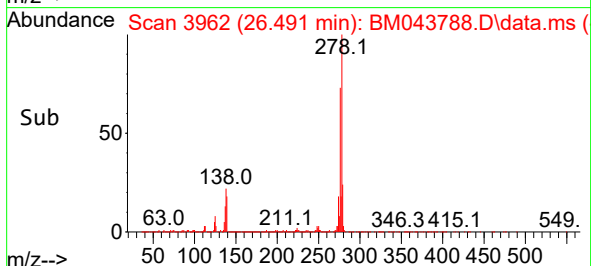
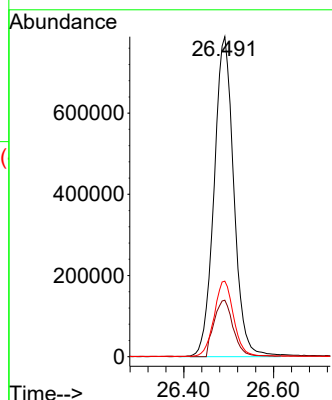
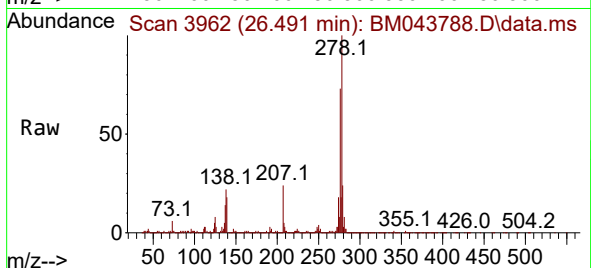
Tgt Ion:278 Resp: 2404291

Ion Ratio Lower Upper

278 100

139 17.6 16.0 24.0

279 23.6 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 18.180 ng/ul

RT: 27.244 min Scan# 4090

Delta R.T. 0.035 min

Lab File: BM043788.D

Acq: 06 Jan 2024 09:09

Tgt Ion:276 Resp: 2147835

Ion Ratio Lower Upper

276 100

138 23.6 22.4 33.6

277 24.0 19.1 28.7

