

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
 Data File : BM046964.D
 Acq On : 03 Aug 2024 14:08
 Operator : MA/JU
 Sample : P3276-19MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E20J7MS

Quant Time: Aug 05 00:55:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.399	152	210090	20.000	ng/u1	0.00
20) Naphthalene-d8	10.157	136	823450	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.057	164	533283	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.816	188	1134694	20.000	ng/u1	0.00
79) Chrysene-d12	21.057	240	995900	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	1150082	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.023	96	13566	2.558	ng/uL	0.00
4) Pyridine-d5	3.422	84	32497	2.247	ng/u1	0.01
7) Phenol-d5	6.605	99	267209	16.743	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.758	67	172500	16.427	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	216963	16.049	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	208000	16.452	ng/u1	0.00
21) Nitrobenzene-d5	8.546	128	106389	16.101	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	114933	15.928	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.793	165	225029	16.243	ng/u1	0.00
31) 4-Chloroaniline-d4	10.310	131	197637	10.854	ng/u1	0.00
46) Dimethylphthalate-d6	13.487	166	701236	17.198	ng/u1	0.00
49) Acenaphthylene-d8	13.745	160	778614	17.107	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	72424	9.186	ng/u1	0.00
60) Fluorene-d10	15.063	176	600993	17.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	60683	8.465	ng/u1	0.00
73) Anthracene-d10	16.916	188	947701	17.618	ng/u1	0.00
81) Pyrene-d10	19.227	212	896534	15.726	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	654601	10.809	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	41963	7.111	ng/uL	93
5) Pyridine	3.440	79	43543	3.041	ng/u1	94
6) Benzaldehyde	6.563	77	185755	20.264	ng/u1	98
8) Phenol	6.634	94	379663	23.622	ng/u1	91
10) Bis(2-Chloroethyl)ether	6.846	93	299038	21.829	ng/u1	96
12) 2-Chlorophenol	6.975	128	301383	22.005	ng/u1	97
13) 2-Methylphenol	7.857	108	260593	21.284	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.928	45	377527	22.998	ng/u1	100
16) Acetophenone	8.216	105	470098	23.624	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.210	70	231527	22.064	ng/u1	97
18) 4-Methylphenol	8.187	108	294413	22.256	ng/u1	100
19) Hexachloroethane	8.457	117	90526	13.569	ng/u1#	83
22) Nitrobenzene	8.587	77	361813	20.495	ng/u1	96
23) Isophorone	9.116	82	662090	21.918	ng/u1	98
25) 2-Nitrophenol	9.287	139	170878	21.647	ng/u1	95
26) 2,4-Dimethylphenol	9.369	107	195794	12.584	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.599	93	396710	21.304	ng/u1	100
29) 2,4-Dichlorophenol	9.822	162	303079	21.934	ng/u1	98
30) Naphthalene	10.210	128	933006	21.400	ng/u1	99
32) 4-Chloroaniline	10.334	127	231127	13.071	ng/u1	98
33) Hexachlorobutadiene	10.499	225	352804	35.391	ng/u1	98
34) Caprolactam	11.116	113	96468	23.054	ng/u1#	87
35) 4-Chloro-3-methylphenol	11.475	107	311109	21.835	ng/u1	98
36) 2-Methylnaphthalene	11.834	142	662116	21.749	ng/u1	99

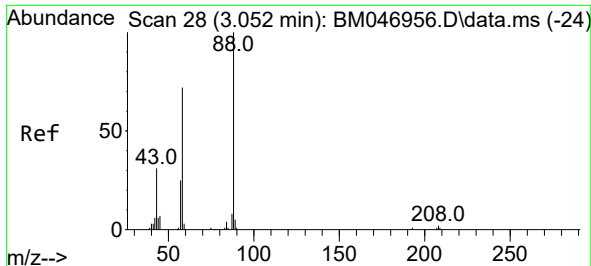
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.057	142	671579	21.792	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.216	216	351359	21.008	ng/ul	99
40) Hexachlorocyclopentadiene	12.193	237	177358	16.098	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.469	196	243316	22.227	ng/ul	94
42) 2,4,5-Trichlorophenol	12.545	196	263742	22.314	ng/ul	100
43) 1,1'-Biphenyl	12.881	154	876060	21.958	ng/ul	98
44) 2-Chloronaphthalene	12.916	162	701250	22.134	ng/ul	99
45) 2-Nitroaniline	13.134	65	219384	22.786	ng/ul	98
47) Dimethylphthalate	13.534	163	896822	21.919	ng/ul	100
48) 2,6-Dinitrotoluene	13.651	165	181480	22.816	ng/ul	85
50) Acenaphthylene	13.775	152	1099885	22.881	ng/ul	99
51) 3-Nitroaniline	13.975	138	174419	21.532	ng/ul	98
52) Acenaphthene	14.122	153	735608	21.227	ng/ul	98
53) 2,4-Dinitrophenol	14.192	184	103741	18.485	ng/ul	89
55) 4-Nitrophenol	14.310	109	153770	19.271	ng/ul	87
56) Dibenzofuran	14.463	168	1056027	21.713	ng/ul	96
57) 2,4-Dinitrotoluene	14.445	165	276140	22.718	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.698	232	215791	20.537	ng/ul	96
59) Diethylphthalate	14.916	149	930944	21.151	ng/ul	98
61) Fluorene	15.116	166	872820	21.758	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.122	204	415745	21.052	ng/ul	96
63) 4-Nitroaniline	15.151	138	180174	22.507	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.216	198	165974	21.158	ng/ul	94
67) N-Nitrosodiphenylamine	15.339	169	755155	22.453	ng/ul	98
68) 4-Bromophenyl-phenylether	16.022	248	274356	22.339	ng/ul	94
69) Hexachlorobenzene	16.122	284	233312	16.133	ng/ul	98
70) Atrazine	16.310	200	187561	14.214	ng/ul	100
71) Pentachlorophenol	16.475	266	169642	17.326	ng/ul	99
72) Phenanthrene	16.863	178	1461152	22.972	ng/ul	100
74) Anthracene	16.951	178	1423356	22.189	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.840	216	331090	20.280	ng/uL	95
76) Pentachlorobenzene	14.381	250	334264	19.780	ng/uL	99
77) Carbazole	17.227	167	1158392	19.480	ng/ul	100
78) Di-n-butylphthalate	17.816	149	1727522	22.845	ng/ul	98
80) Fluoranthene	18.892	202	1765631	25.915	ng/ul	100
82) Pyrene	19.257	202	1317409	18.147	ng/ul#	97
83) Butylbenzylphthalate	20.204	149	813378	25.634	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.980	252	291758	11.950	ng/ul	98
85) Benzo(a)anthracene	21.039	228	1722427	23.681	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.004	149	1178698	25.445	ng/ul	100
87) Chrysene	21.098	228	1587451	22.884	ng/ul	100
89) Di-n-octyl phthalate	22.045	149	2036415	25.099	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1697781	23.865	ng/ul	99
91) Benzo(k)fluoranthene	22.980	252	1678715	23.879	ng/ul	98
93) Benzo(a)pyrene	23.645	252	663559	10.012	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.786	276	1374433	16.186	ng/ul	99
95) Dibenzo(a,h)anthracene	26.839	278	1607872	23.574	ng/ul	99
96) Benzo(g,h,i)perylene	27.709	276	130216	1.941	ng/ul	98

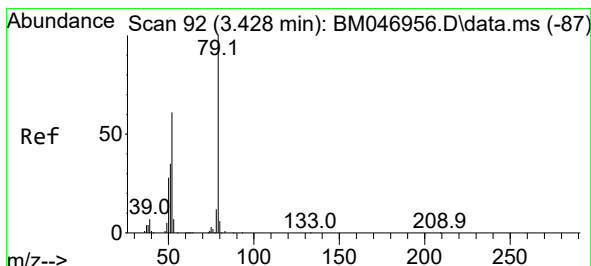
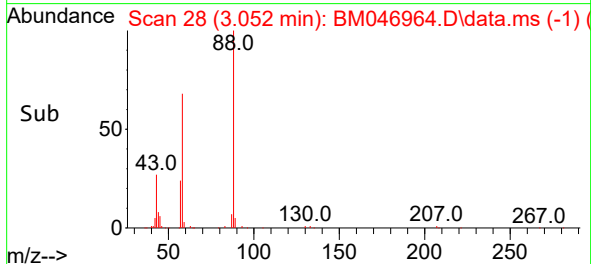
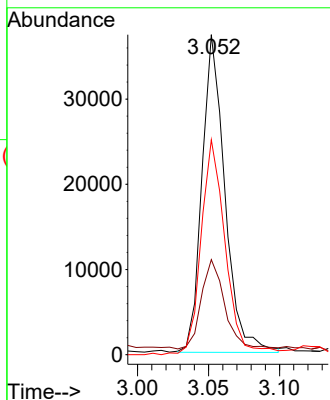
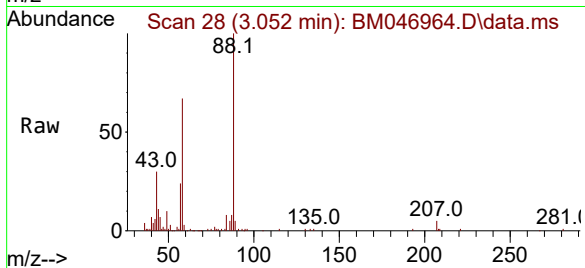
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#2
1,4-Dioxane
Concen: 7.111 ng/uL
RT: 3.052 min Scan# 21
Delta R.T. -0.005 min
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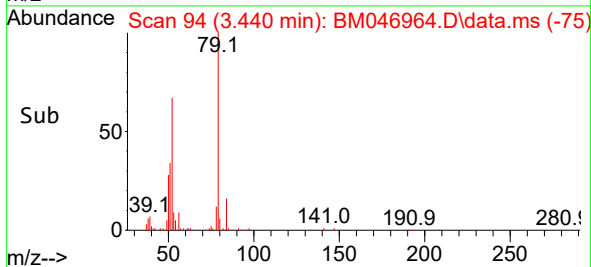
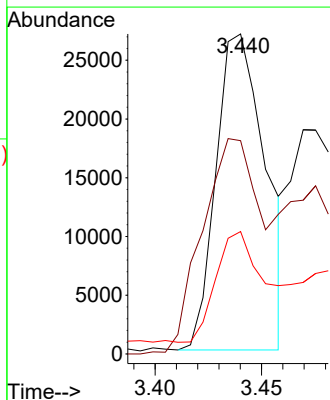
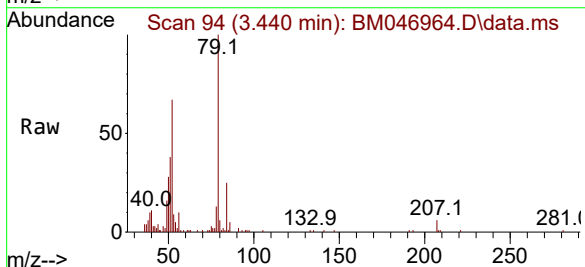
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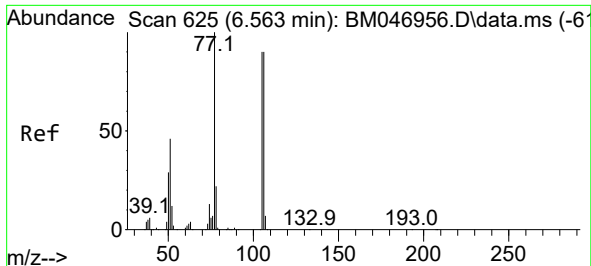
Tgt Ion: 88 Resp: 41963
Ion Ratio Lower Upper
88 100
43 29.7 24.9 37.3
58 67.2 59.7 89.5



#5
Pyridine
Concen: 3.041 ng/uL
RT: 3.440 min Scan# 94
Delta R.T. 0.012 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion: 79 Resp: 43543
Ion Ratio Lower Upper
79 100
52 66.6 58.1 87.1
51 38.3 29.3 43.9

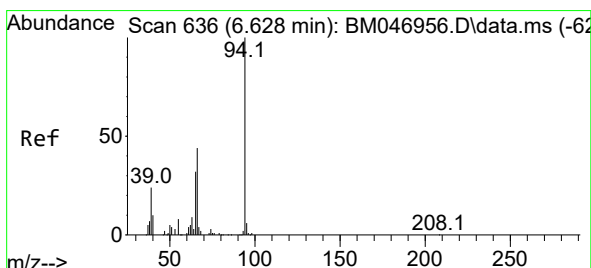
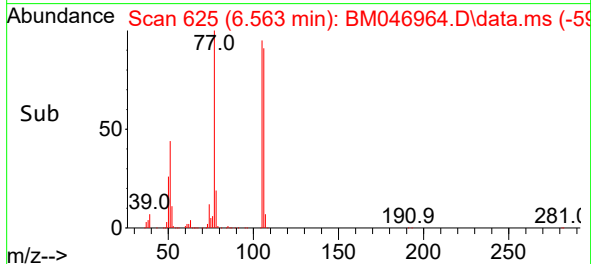
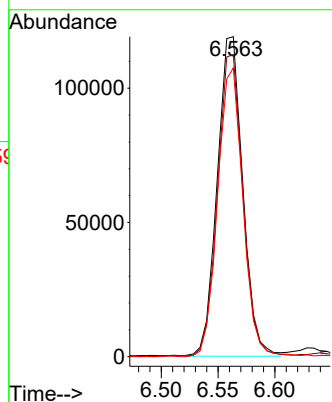
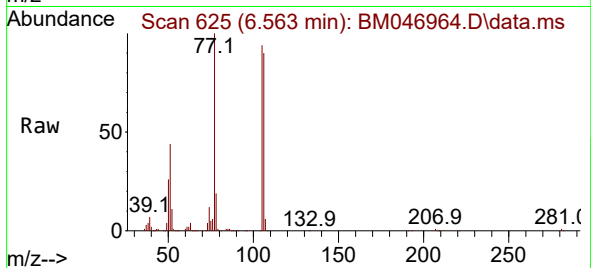




#6
Benzaldehyde
Concen: 20.264 ng/ul
RT: 6.563 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

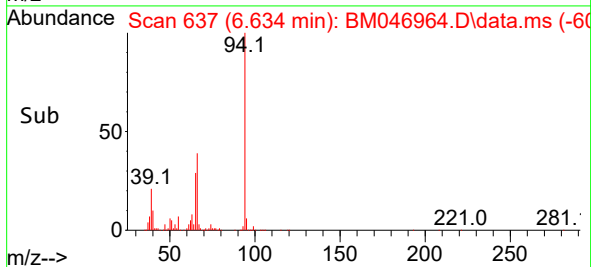
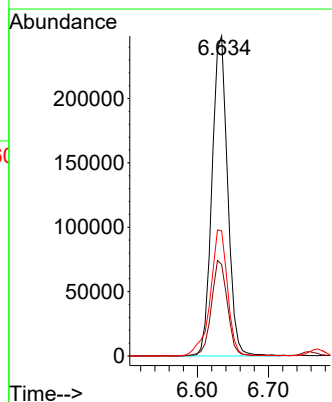
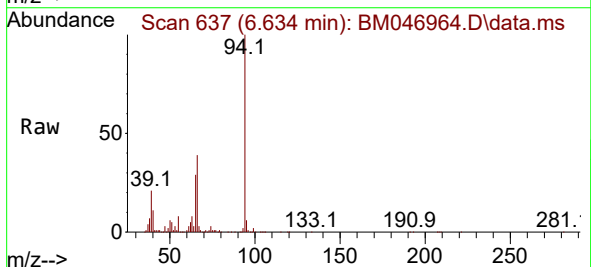
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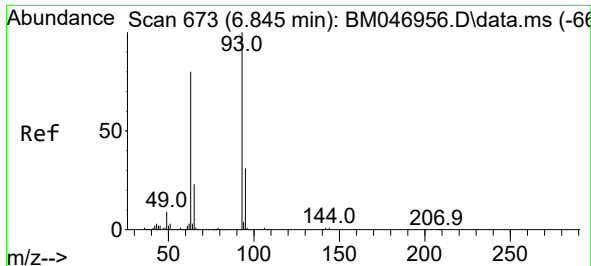
Tgt Ion: 77 Resp: 185755
Ion Ratio Lower Upper
77 100
105 94.4 74.7 112.1
106 90.2 74.2 111.2



#8
Phenol
Concen: 23.622 ng/ul
RT: 6.634 min Scan# 637
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion: 94 Resp: 379663
Ion Ratio Lower Upper
94 100
65 28.6 25.1 37.7
66 39.1 37.7 56.5

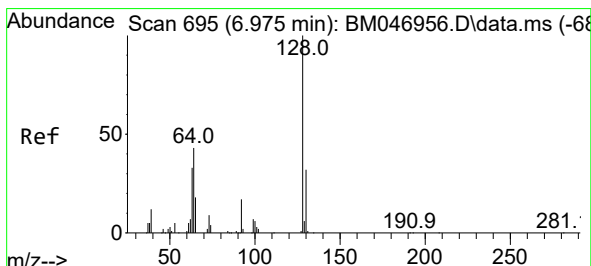
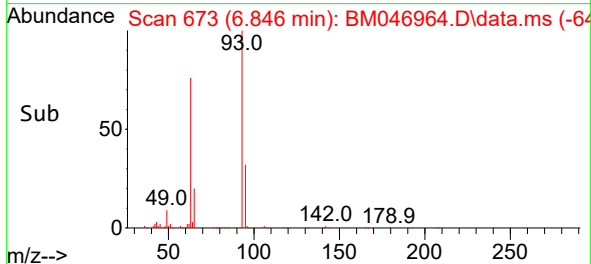
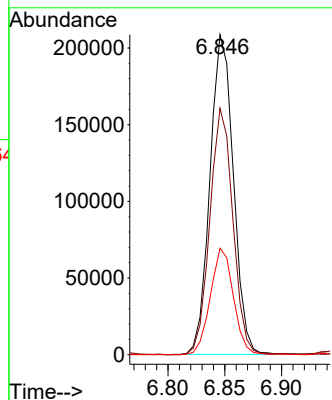
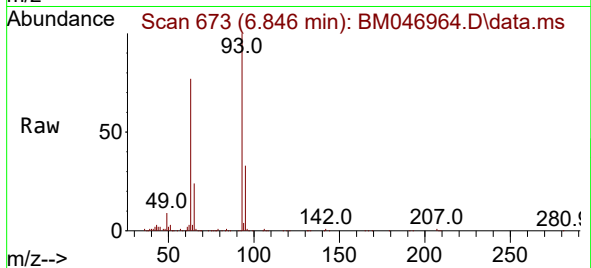




#10
Bis(2-Chloroethyl)ether
Concen: 21.829 ng/ul
RT: 6.846 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

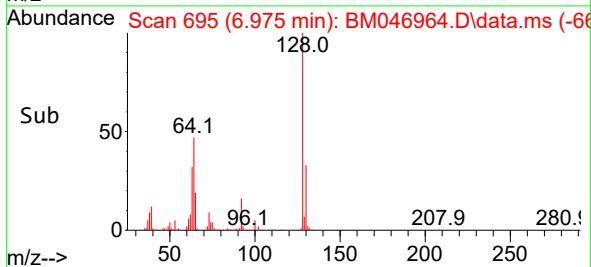
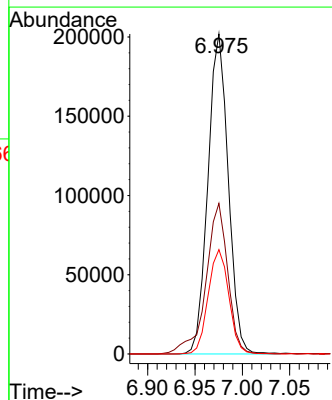
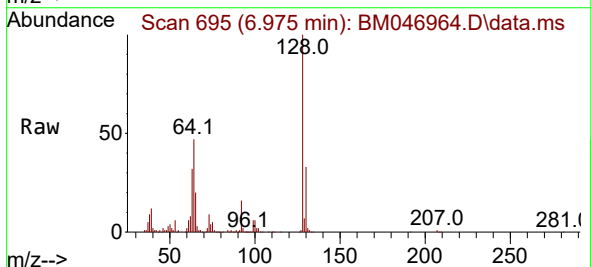
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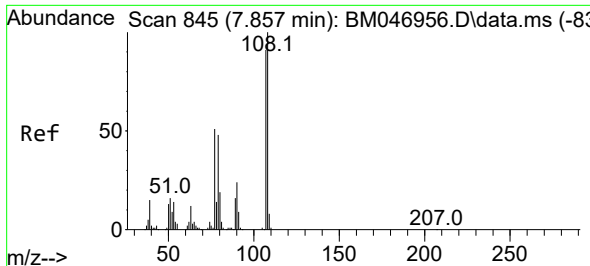
Tgt Ion: 93 Resp: 299038
Ion Ratio Lower Upper
93 100
63 76.9 59.0 88.6
95 33.2 24.0 36.0



#12
2-Chlorophenol
Concen: 22.005 ng/ul
RT: 6.975 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:128 Resp: 301383
Ion Ratio Lower Upper
128 100
64 47.1 37.0 55.4
130 32.6 24.1 36.1

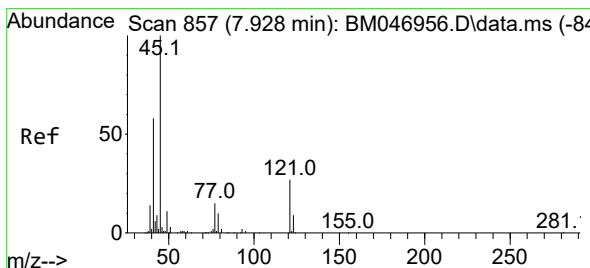
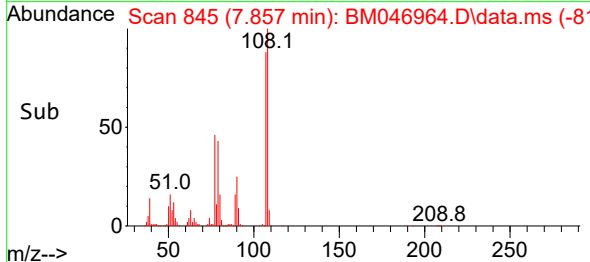
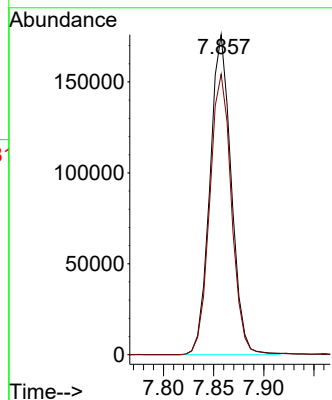
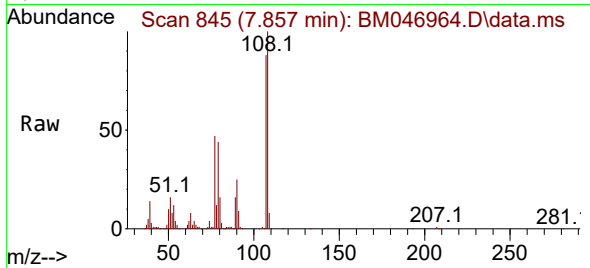




#13
2-Methylphenol
Concen: 21.284 ng/ul
RT: 7.857 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

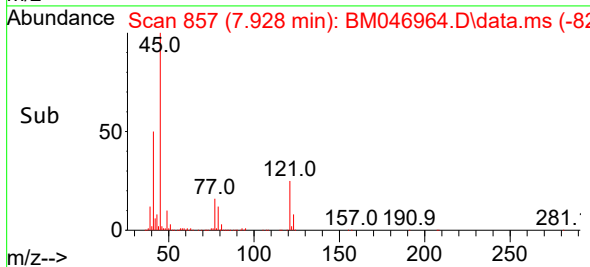
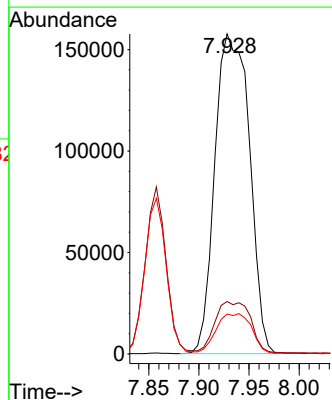
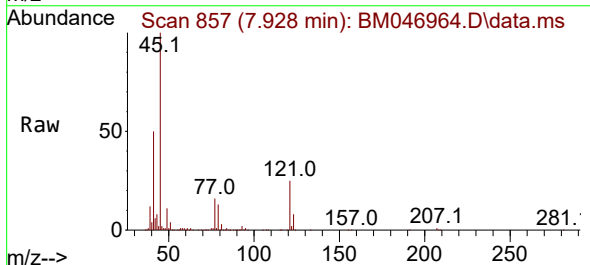
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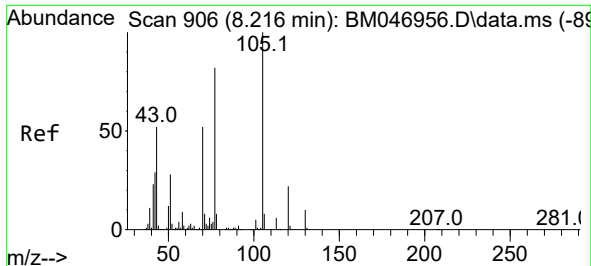
Tgt Ion:108 Resp: 260593
Ion Ratio Lower Upper
108 100
107 87.6 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.998 ng/ul
RT: 7.928 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion: 45 Resp: 377527
Ion Ratio Lower Upper
45 100
77 16.4 13.2 19.8
79 12.5 9.8 14.6

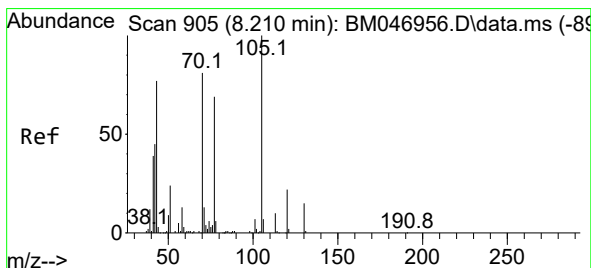
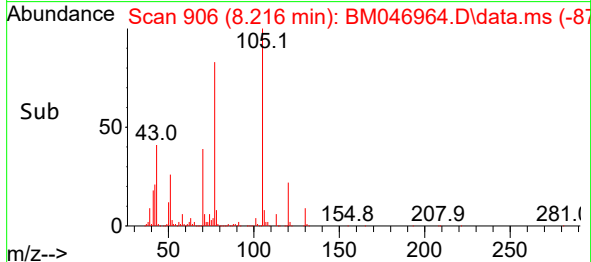
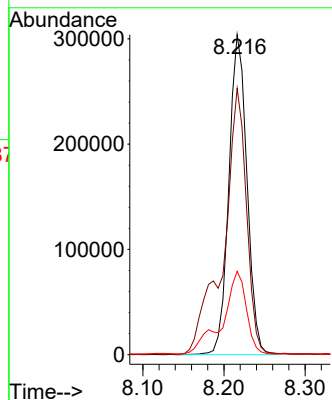
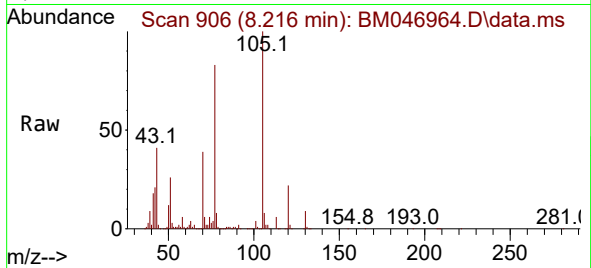




#16
Acetophenone
Concen: 23.624 ng/ul
RT: 8.216 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

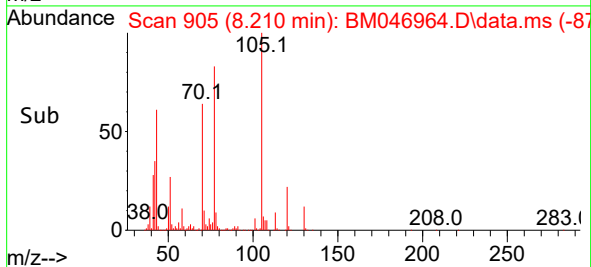
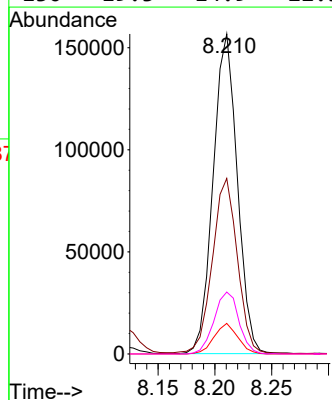
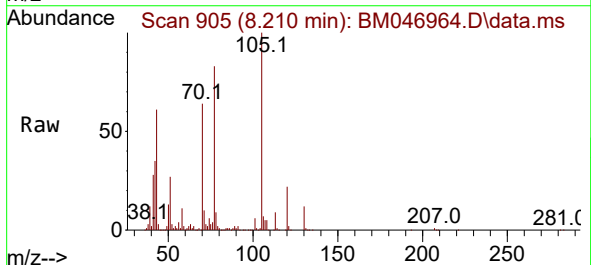
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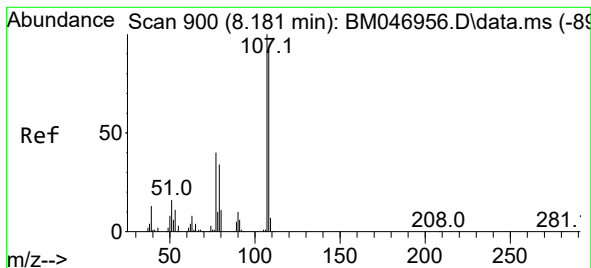
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Ion Ratio Lower Upper
105 100
77 83.2 66.1 99.1
51 26.1 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 22.064 ng/ul
RT: 8.210 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion: 70 Resp: 231527
Ion Ratio Lower Upper
70 100
42 54.8 45.8 68.8
101 9.6 6.9 10.3
130 19.3 14.9 22.3

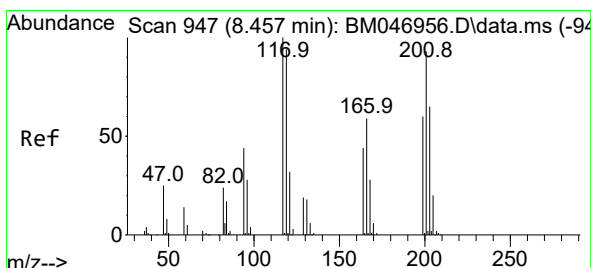
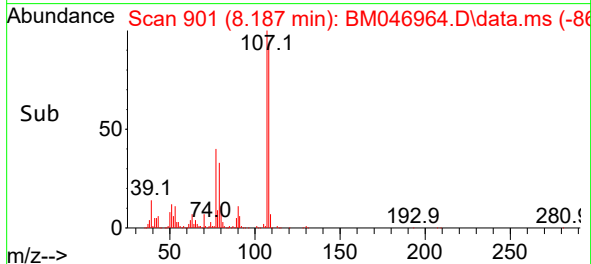
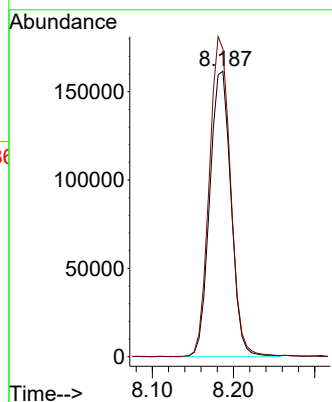
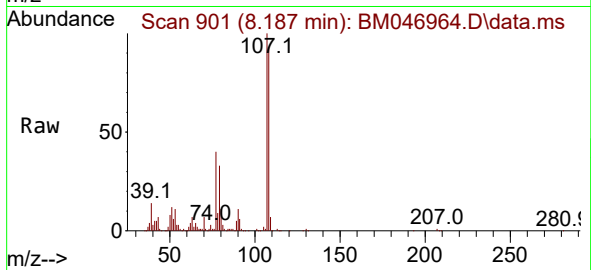




#18
4-Methylphenol
Concen: 22.256 ng/ul
RT: 8.187 min Scan# 901
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

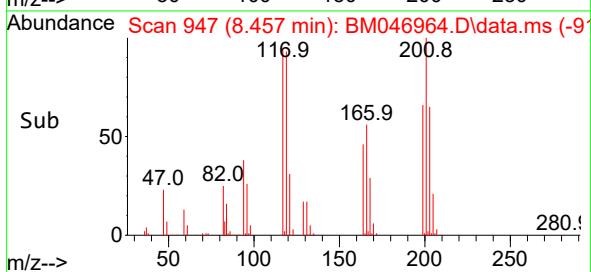
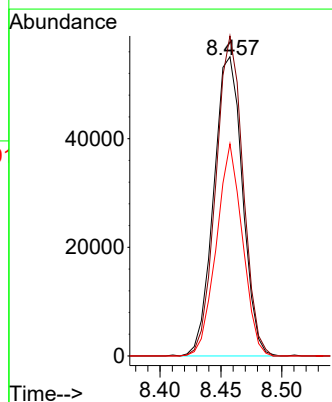
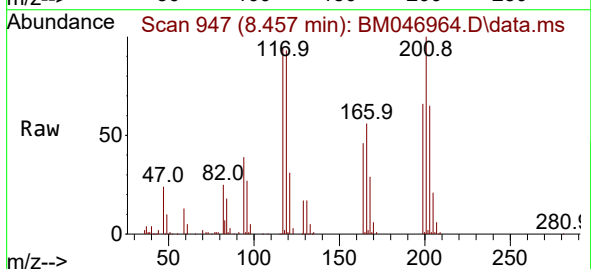
Instrument :
BNA_M
ClientSampleId :
E20J7MS

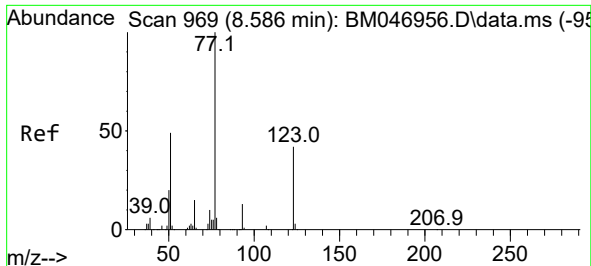
Tgt Ion:108 Resp: 294413
Ion Ratio Lower Upper
108 100
107 107.7 86.4 129.6



#19
Hexachloroethane
Concen: 13.569 ng/ul
RT: 8.457 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:117 Resp: 90526
Ion Ratio Lower Upper
117 100
201 106.9 72.7 109.1
199 70.9 46.9 70.3#

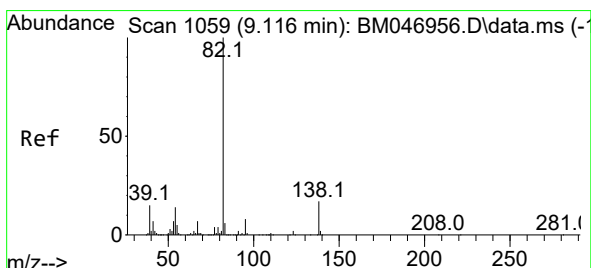
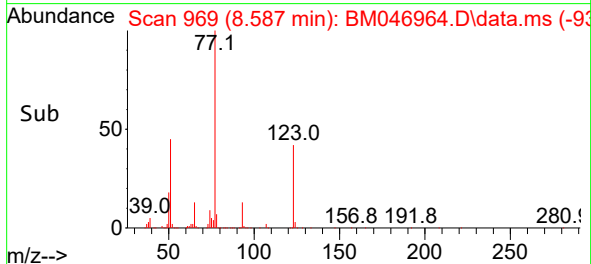
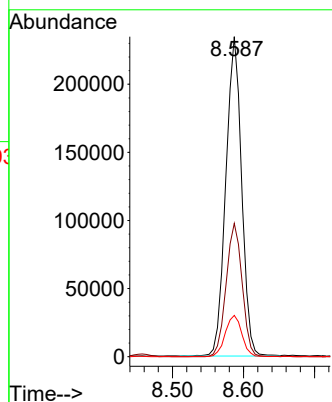
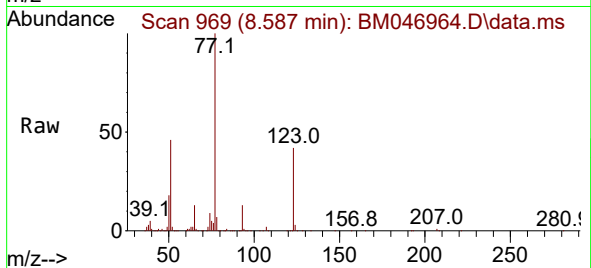




#22
Nitrobenzene
Concen: 20.495 ng/ul
RT: 8.587 min Scan# 969
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

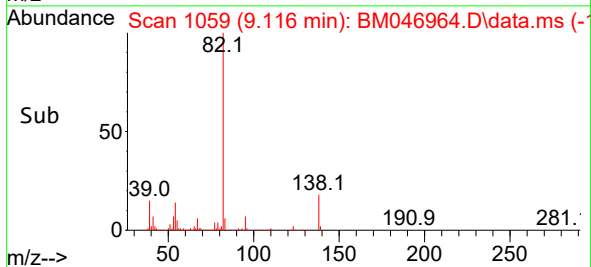
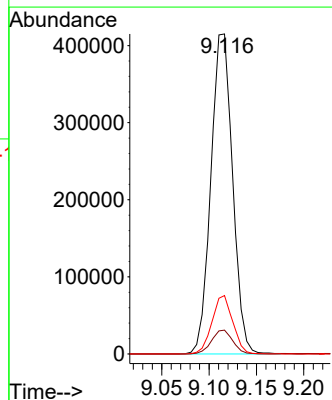
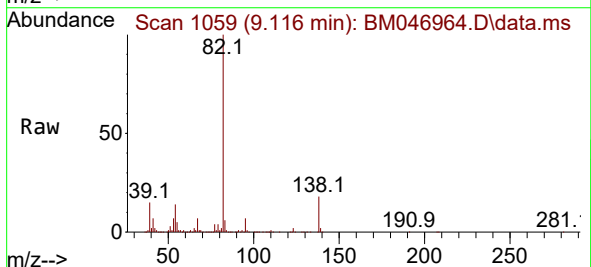
Instrument :
BNA_M
ClientSampleId :
E20J7MS

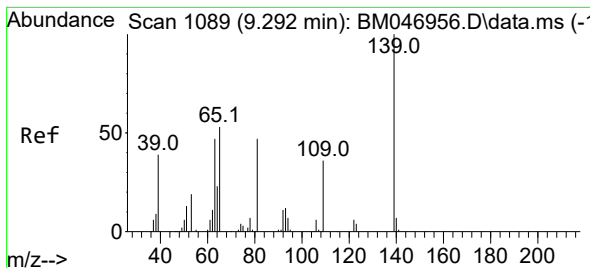
Tgt Ion: 77 Resp: 361813
Ion Ratio Lower Upper
77 100
123 41.7 31.4 47.2
65 12.9 12.1 18.1



#23
Isophorone
Concen: 21.918 ng/ul
RT: 9.116 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion: 82 Resp: 662090
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 18.3 13.6 20.4

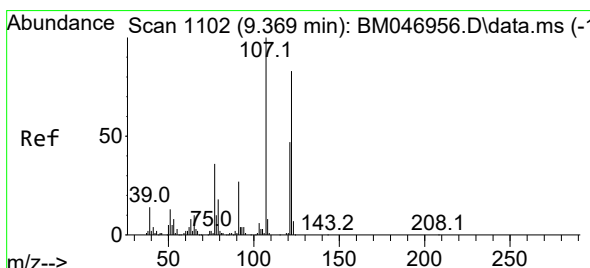
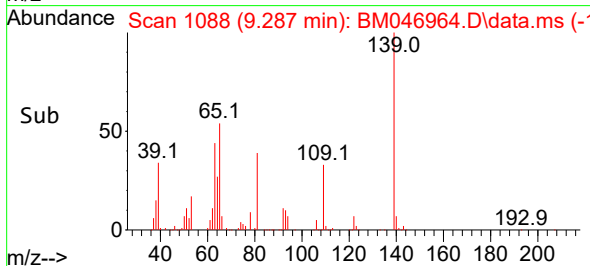
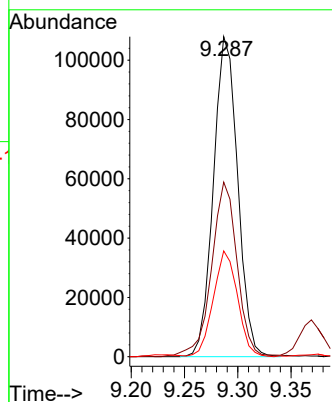
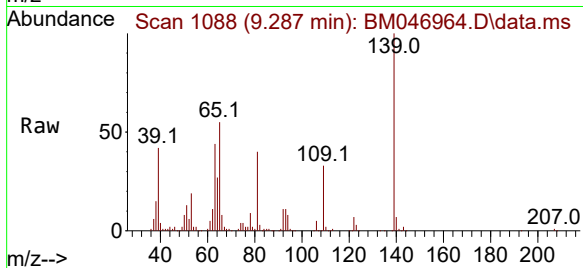




#25
2-Nitrophenol
Concen: 21.647 ng/ul
RT: 9.287 min Scan# 1088
Delta R.T. -0.005 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

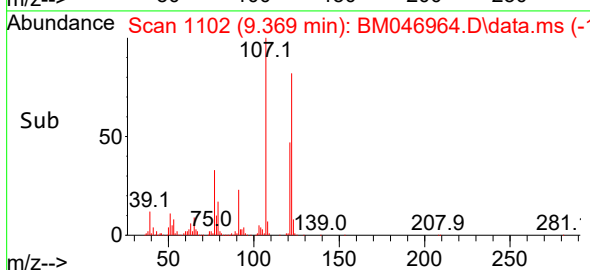
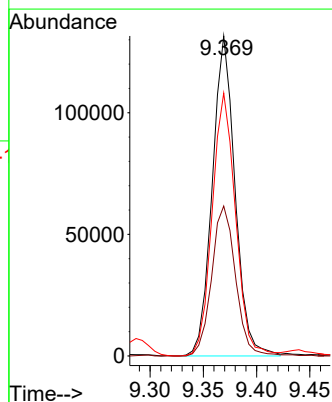
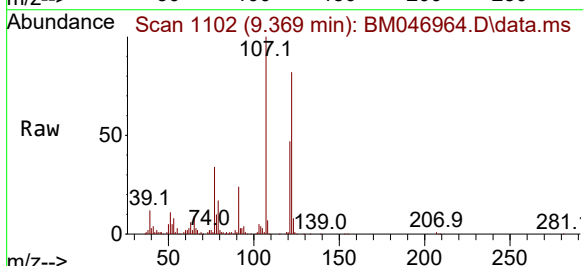
Instrument :
BNA_M
ClientSampleId :
E20J7MS

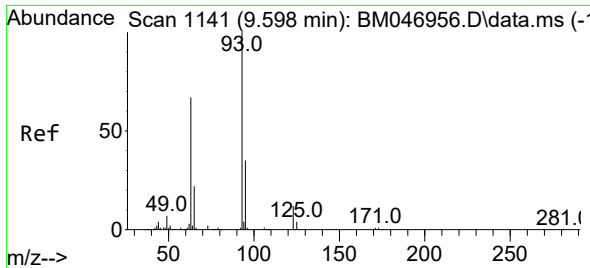
Tgt Ion:139 Resp: 170878
Ion Ratio Lower Upper
139 100
65 54.5 45.1 67.7
109 33.1 30.9 46.3



#26
2,4-Dimethylphenol
Concen: 12.584 ng/ul
RT: 9.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:107 Resp: 195794
Ion Ratio Lower Upper
107 100
121 46.9 37.3 55.9
122 82.2 65.8 98.6

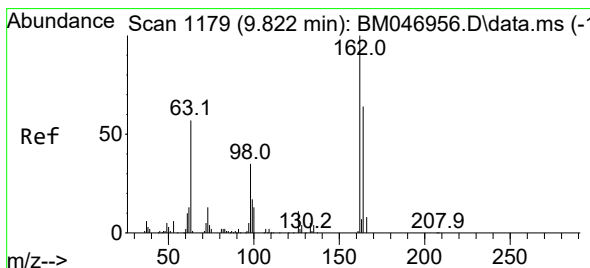
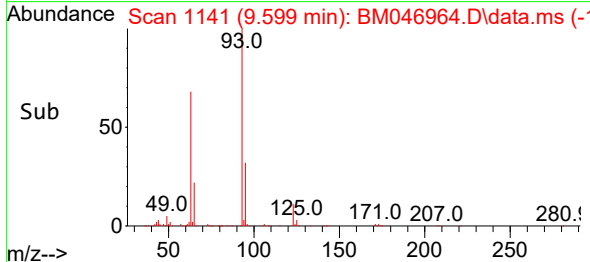
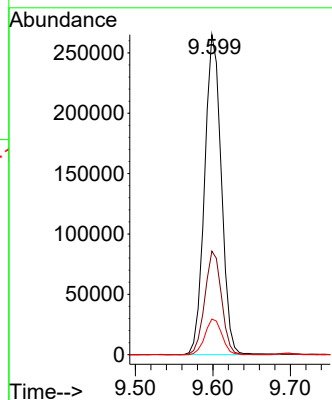
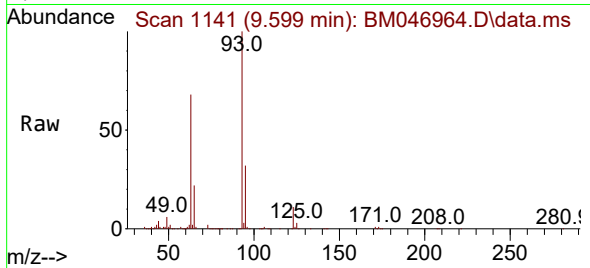




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.304 ng/ul
 RT: 9.599 min Scan# 1141
 Delta R.T. -0.006 min
 Lab File: BM046964.D
 Acq: 03 Aug 2024 14:08

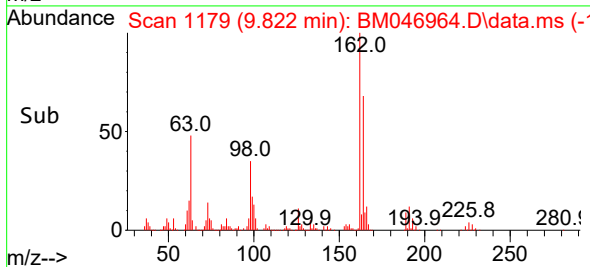
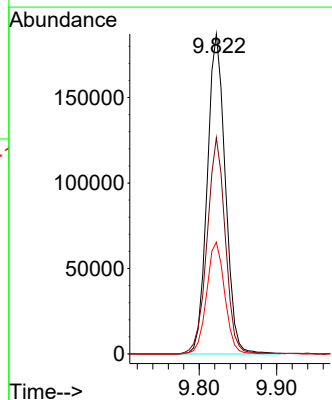
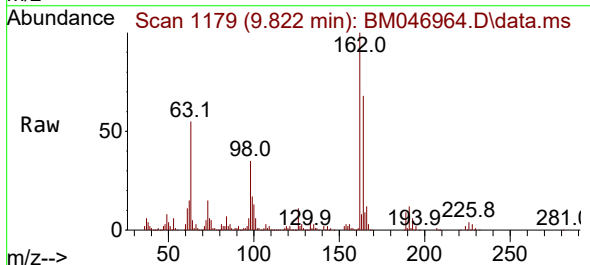
Instrument :
 BNA_M
 ClientSampleId :
 E20J7MS

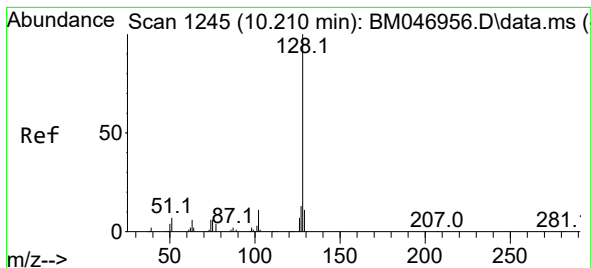
Tgt Ion: 93 Resp: 396710
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.1 39.1
 123 11.1 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 21.934 ng/ul
 RT: 9.822 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BM046964.D
 Acq: 03 Aug 2024 14:08

Tgt Ion: 162 Resp: 303079
 Ion Ratio Lower Upper
 162 100
 164 67.6 53.3 79.9
 98 34.9 29.6 44.4

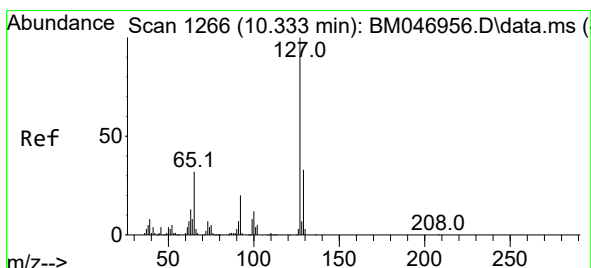
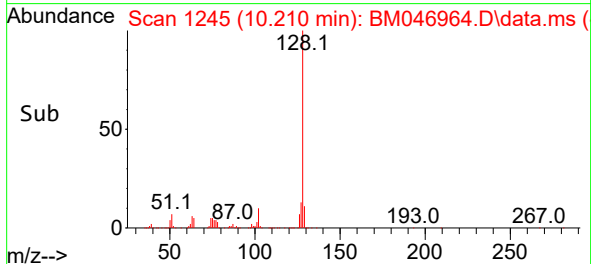
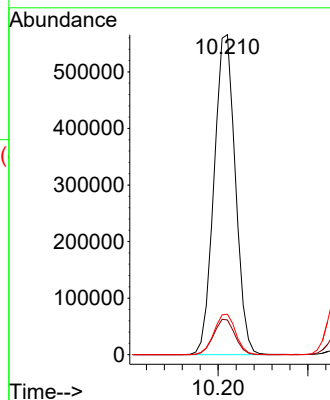
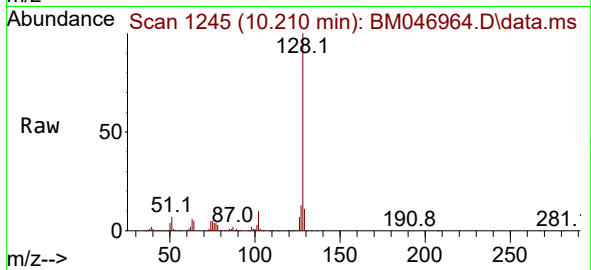




#30
Naphthalene
Concen: 21.400 ng/ul
RT: 10.210 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

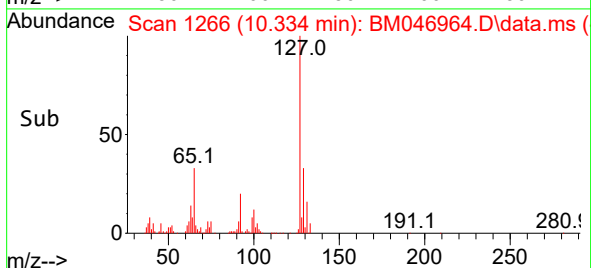
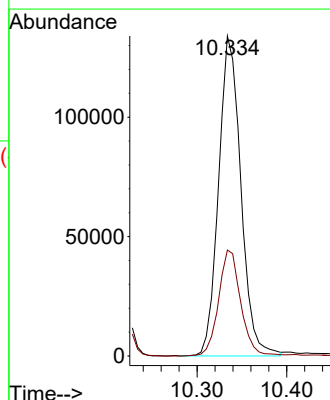
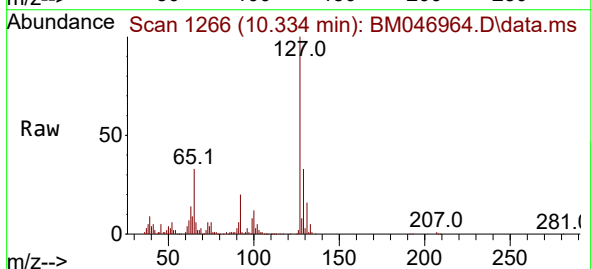
Instrument :
BNA_M
ClientSampleId :
E20J7MS

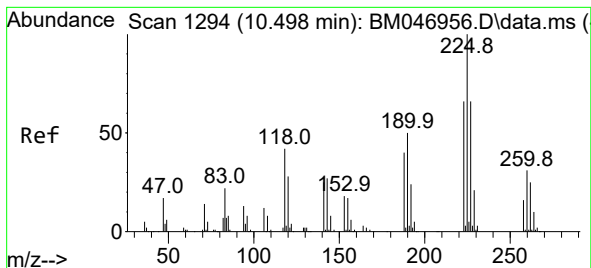
Tgt Ion:128 Resp: 933006
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.6 10.4 15.6



#32
4-Chloroaniline
Concen: 13.071 ng/ul
RT: 10.334 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:127 Resp: 231127
Ion Ratio Lower Upper
127 100
129 33.1 25.6 38.4

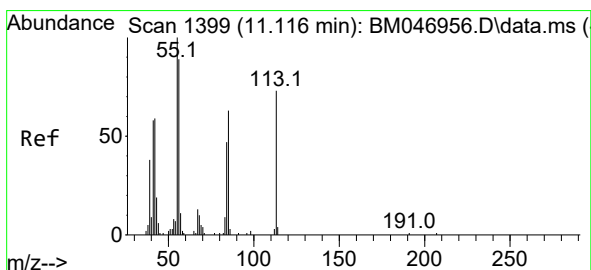
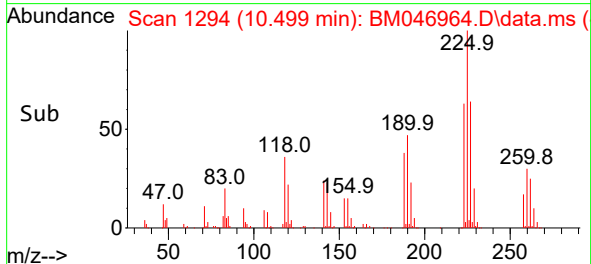
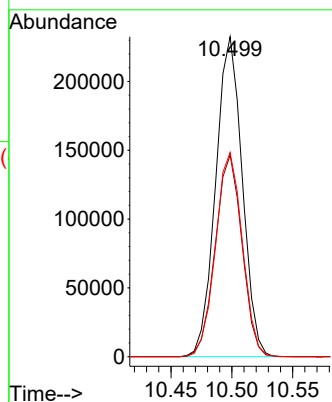
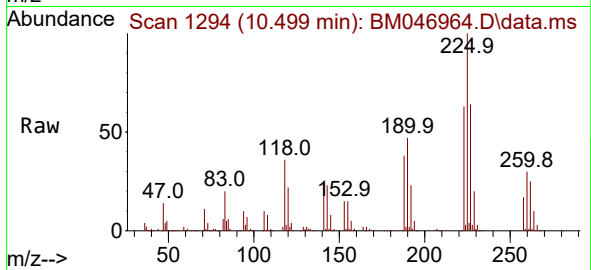




#33
Hexachlorobutadiene
Concen: 35.391 ng/ul
RT: 10.499 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

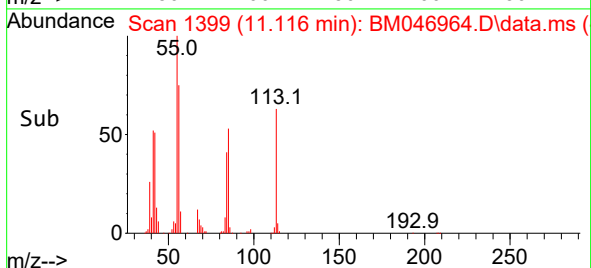
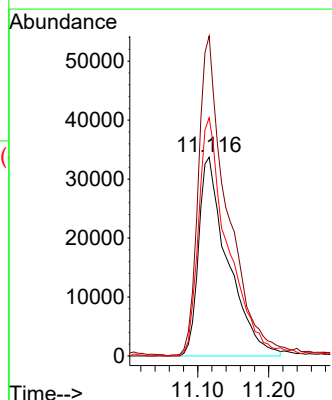
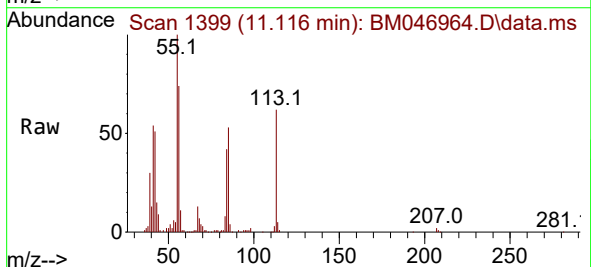
Instrument :
BNA_M
ClientSampleId :
E20J7MS

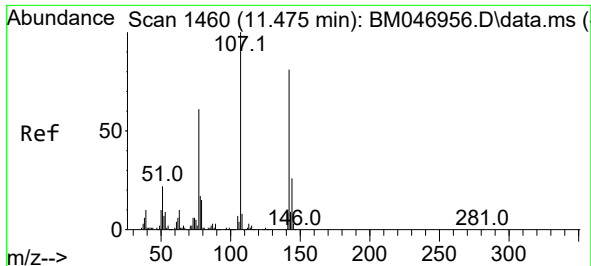
Tgt Ion:225 Resp: 352804
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 63.8 52.3 78.5



#34
Caprolactam
Concen: 23.054 ng/ul
RT: 11.116 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:113 Resp: 96468
Ion Ratio Lower Upper
113 100
55 161.0 106.3 159.5#
56 119.9 94.6 141.8

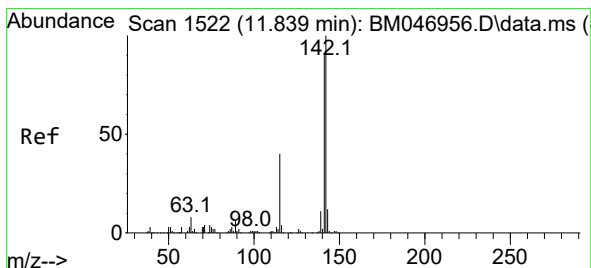
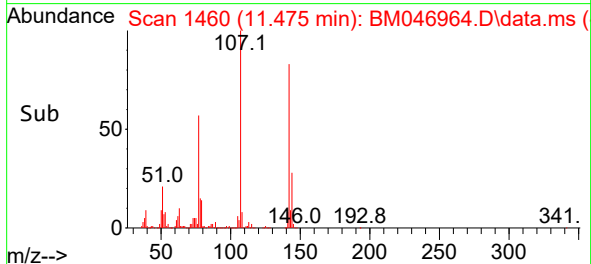
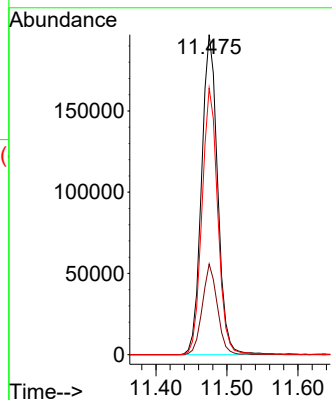
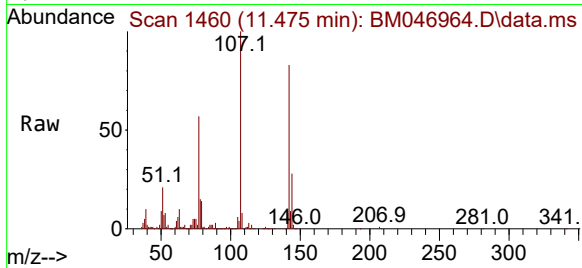




#35
4-Chloro-3-methylphenol
Concen: 21.835 ng/ul
RT: 11.475 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

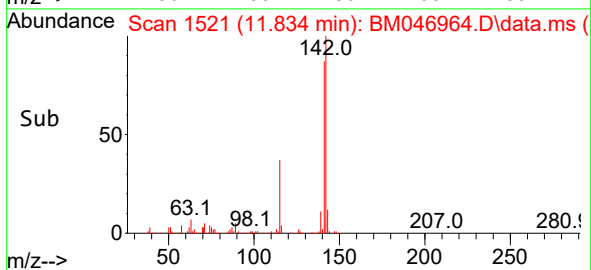
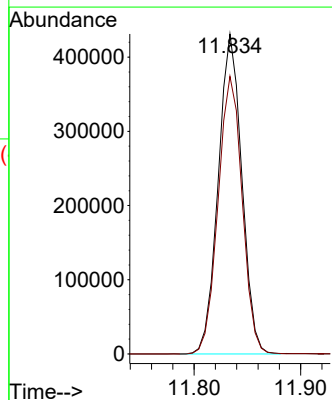
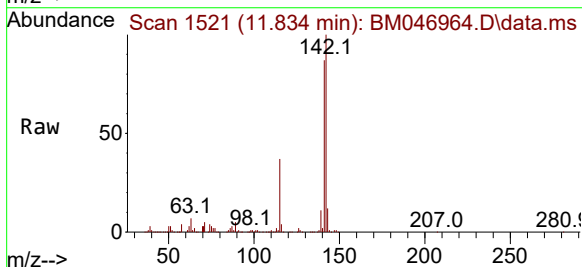
Instrument :
BNA_M
ClientSampleId :
E20J7MS

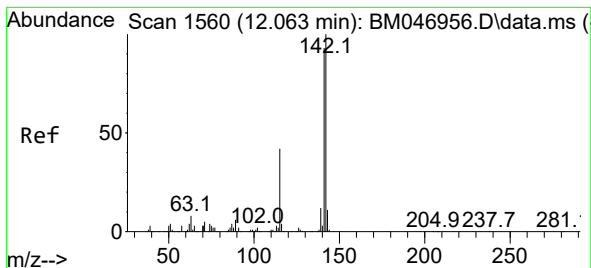
Tgt Ion:107 Resp: 311109
Ion Ratio Lower Upper
107 100
144 28.4 21.1 31.7
142 83.4 65.3 97.9



#36
2-Methylnaphthalene
Concen: 21.749 ng/ul
RT: 11.834 min Scan# 1521
Delta R.T. -0.005 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:142 Resp: 662116
Ion Ratio Lower Upper
142 100
141 86.7 69.9 104.9





#37

1-Methylnaphthalene

Concen: 21.792 ng/ul

RT: 12.057 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

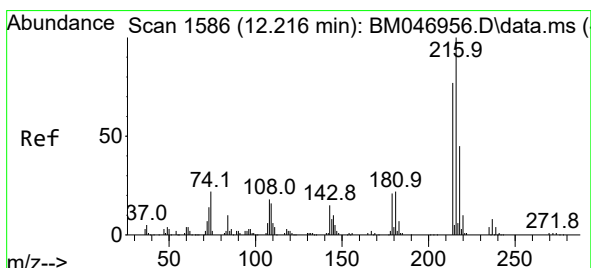
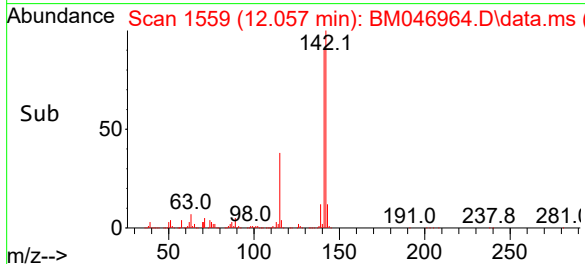
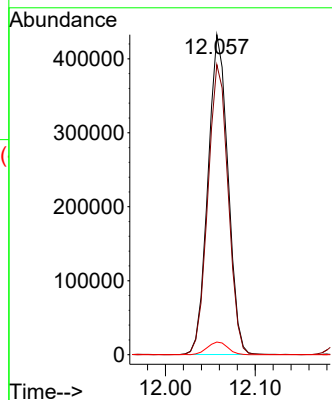
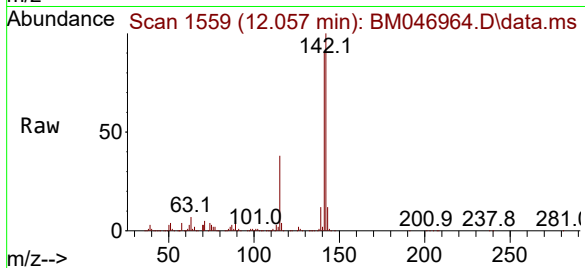
Tgt Ion:142 Resp: 671579

Ion Ratio Lower Upper

142 100

141 90.6 72.0 108.0

116 3.9 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.008 ng/ul

RT: 12.216 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Tgt Ion:216 Resp: 351359

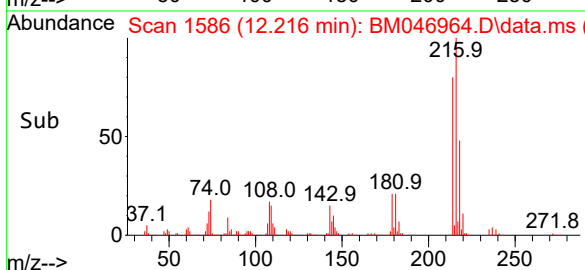
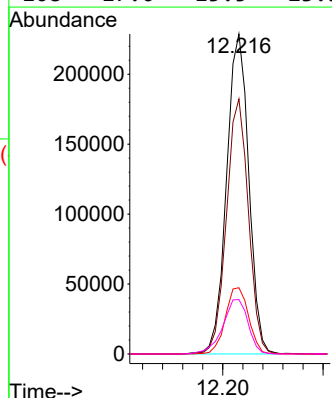
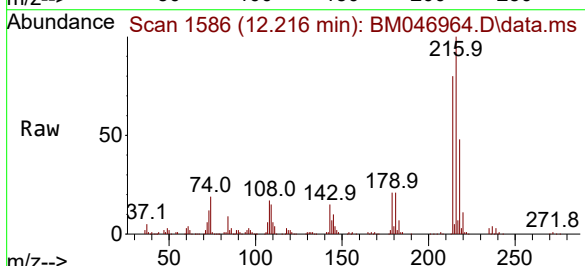
Ion Ratio Lower Upper

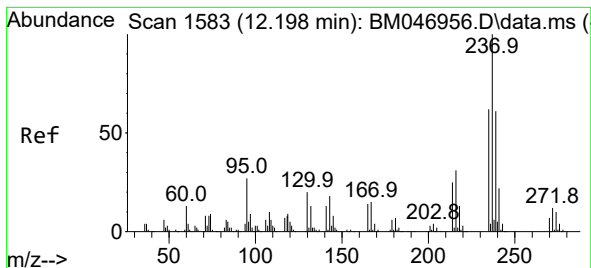
216 100

214 79.7 63.7 95.5

179 20.7 17.3 25.9

108 17.0 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 16.098 ng/ul

RT: 12.193 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

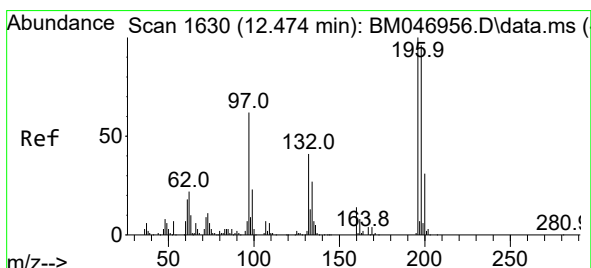
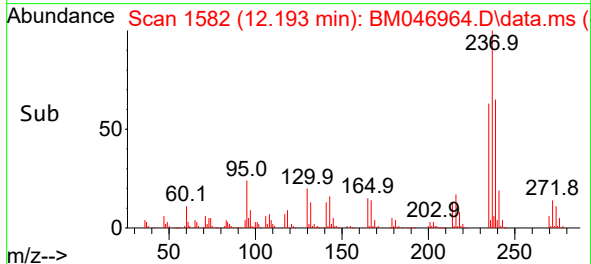
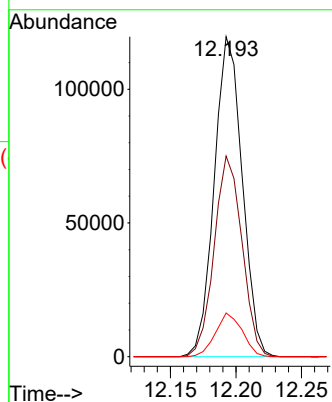
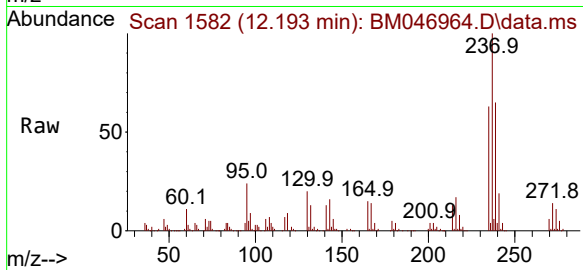
Tgt Ion:237 Resp: 177358

Ion Ratio Lower Upper

237 100

235 62.7 48.4 72.6

272 13.6 8.8 13.2#



#41

2,4,6-Trichlorophenol

Concen: 22.227 ng/ul

RT: 12.469 min Scan# 1629

Delta R.T. -0.005 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

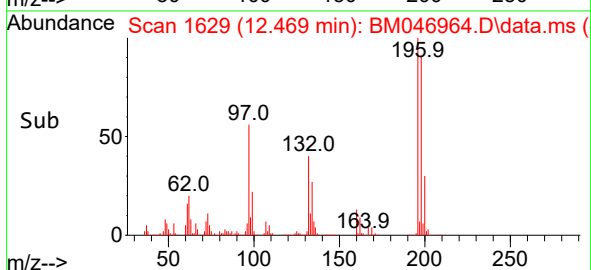
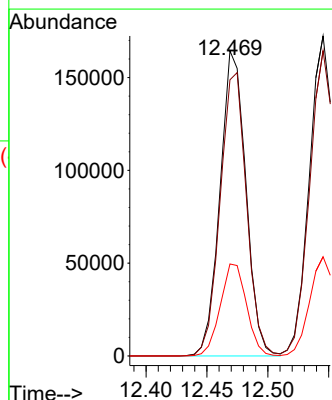
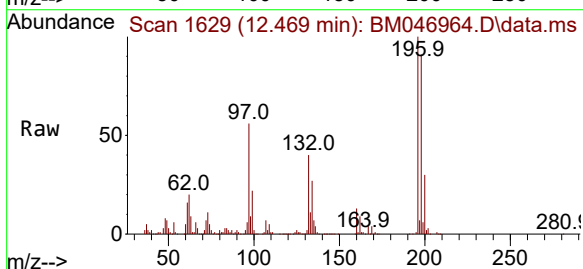
Tgt Ion:196 Resp: 243316

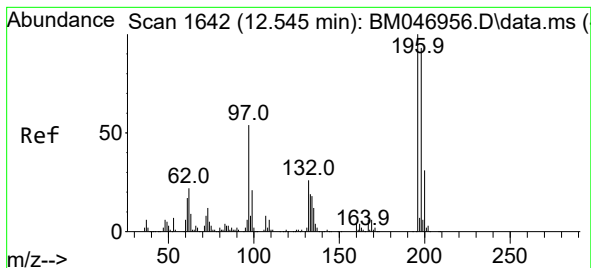
Ion Ratio Lower Upper

196 100

198 90.5 78.7 118.1

200 30.2 23.9 35.9





#42

2,4,5-Trichlorophenol

Concen: 22.314 ng/ul

RT: 12.545 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

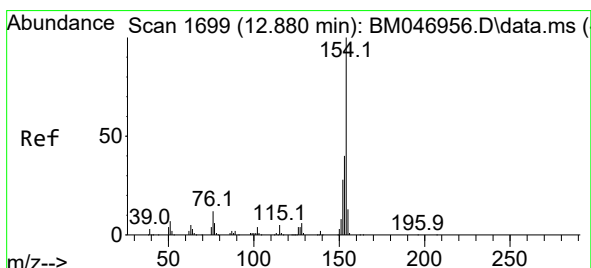
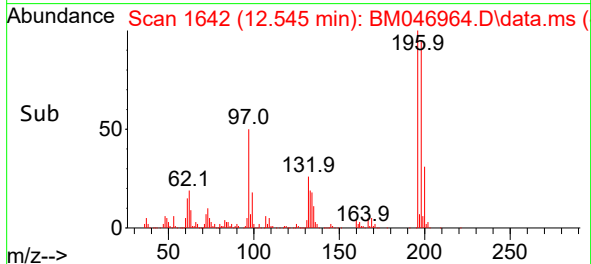
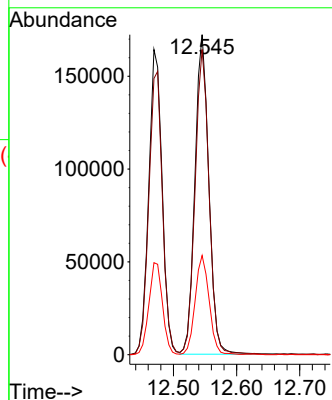
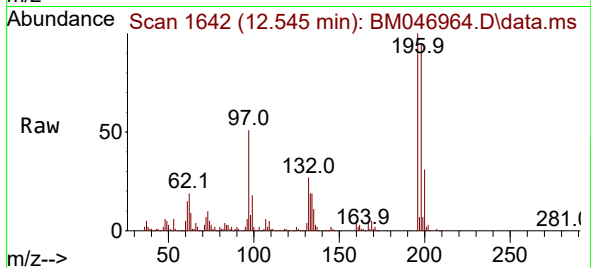
Tgt Ion:196 Resp: 263742

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

200 31.0 25.0 37.6



#43

1,1'-Biphenyl

Concen: 21.958 ng/ul

RT: 12.881 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

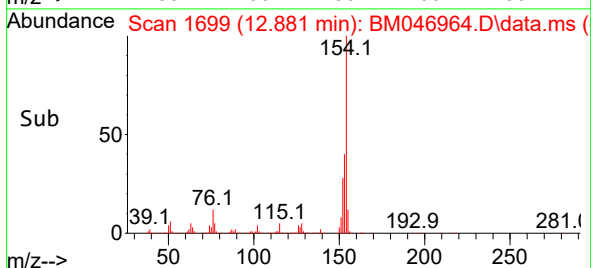
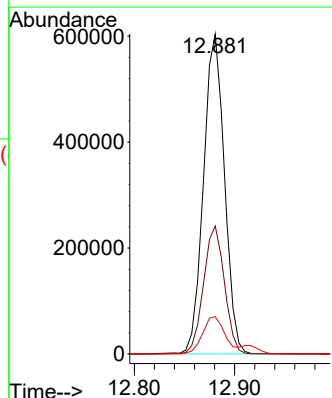
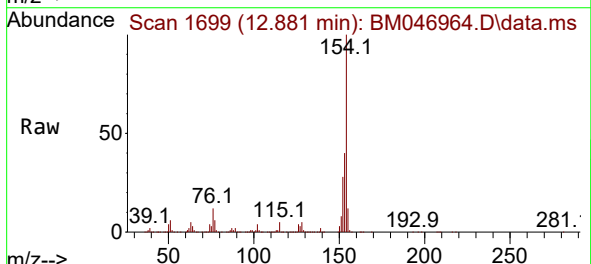
Tgt Ion:154 Resp: 876060

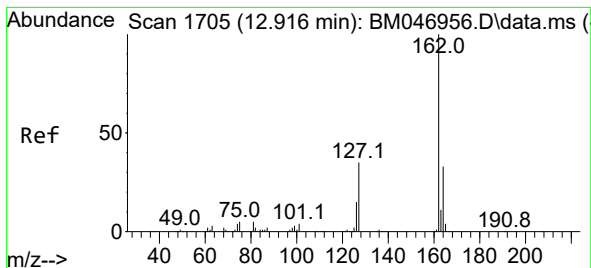
Ion Ratio Lower Upper

154 100

153 40.0 30.7 46.1

76 11.7 9.3 13.9





#44

2-Chloronaphthalene

Concen: 22.134 ng/ul

RT: 12.916 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

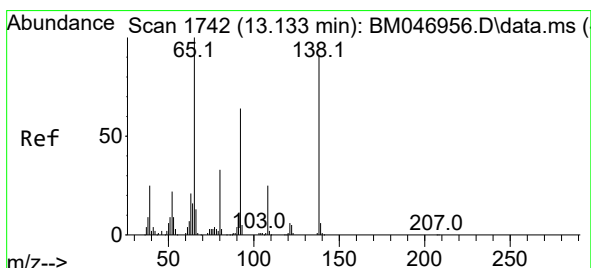
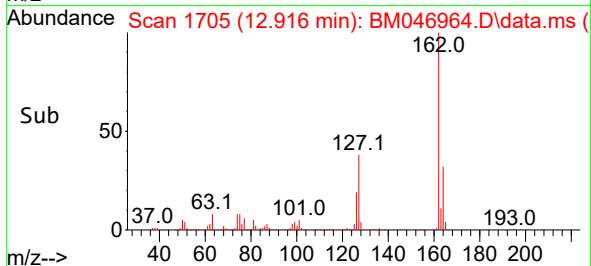
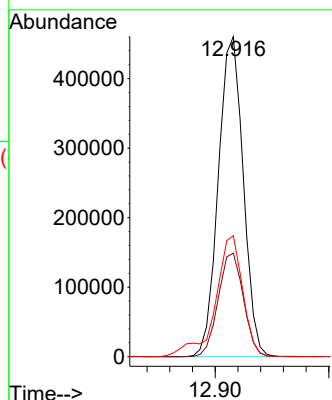
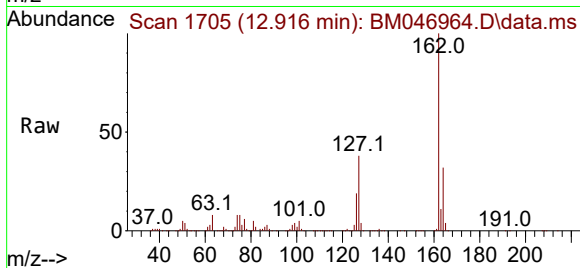
Tgt Ion:162 Resp: 701250

Ion Ratio Lower Upper

162 100

164 32.4 26.5 39.7

127 37.8 30.6 45.8



#45

2-Nitroaniline

Concen: 22.786 ng/ul

RT: 13.134 min Scan# 1742

Delta R.T. -0.005 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

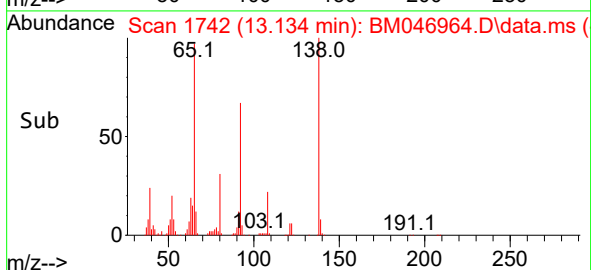
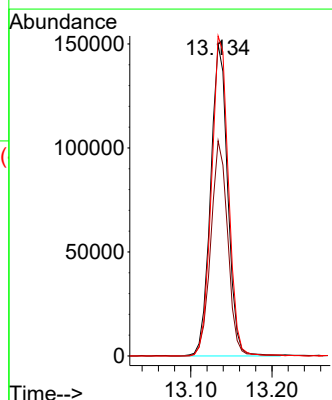
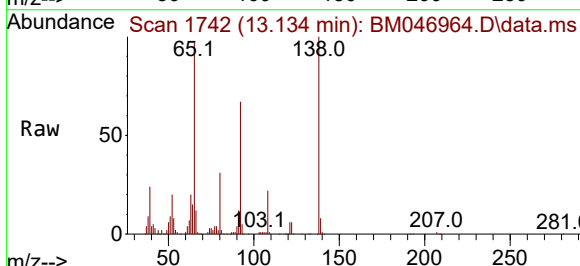
Tgt Ion: 65 Resp: 219384

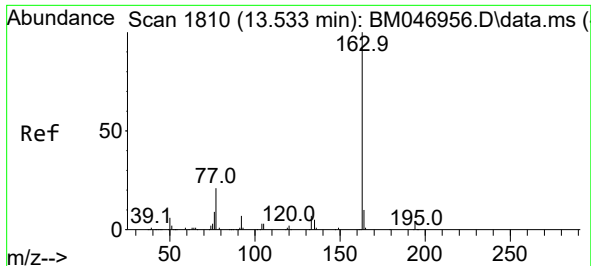
Ion Ratio Lower Upper

65 100

92 69.1 54.0 81.0

138 102.8 81.0 121.4





#47

Dimethylphthalate

Concen: 21.919 ng/ul

RT: 13.534 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

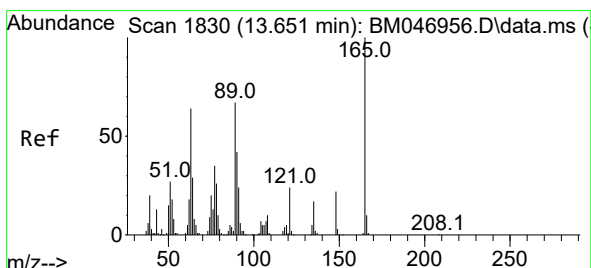
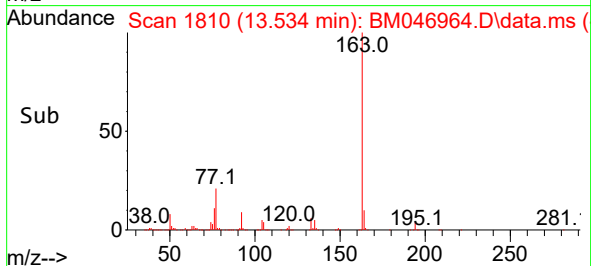
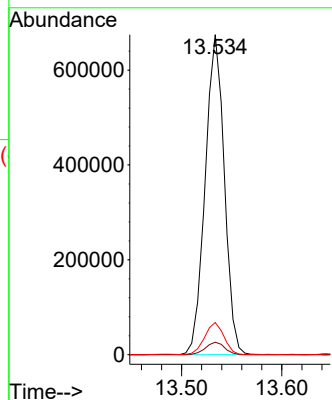
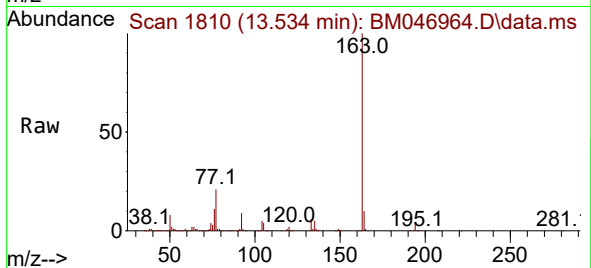
Tgt Ion:163 Resp: 896822

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.0 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 22.816 ng/ul

RT: 13.651 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

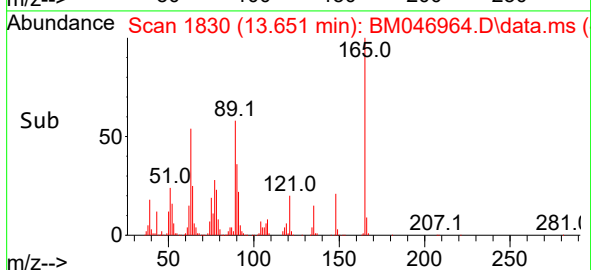
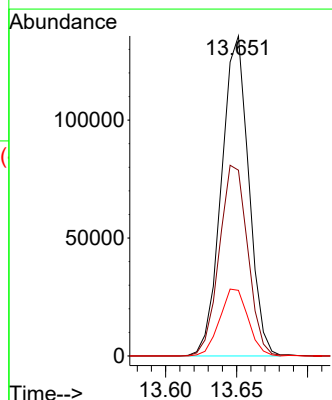
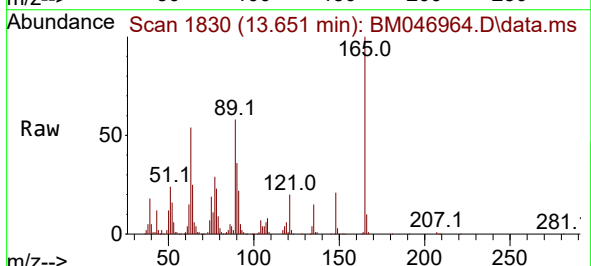
Tgt Ion:165 Resp: 181480

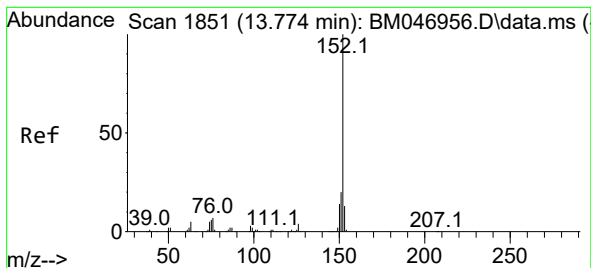
Ion Ratio Lower Upper

165 100

89 58.1 57.8 86.8

121 20.5 19.4 29.0





#50

Acenaphthylene

Concen: 22.881 ng/ul

RT: 13.775 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

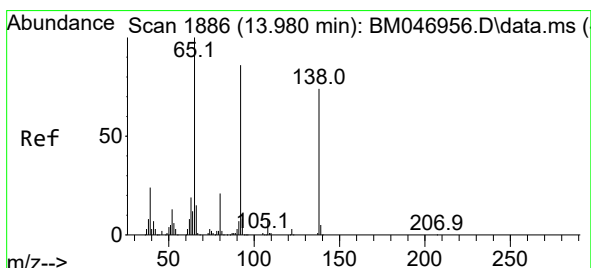
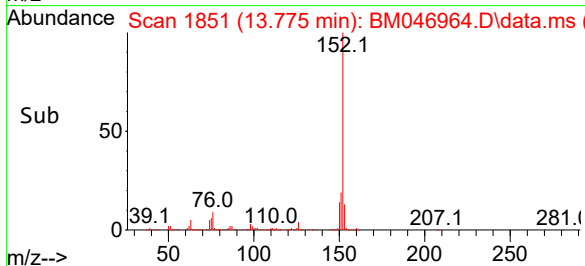
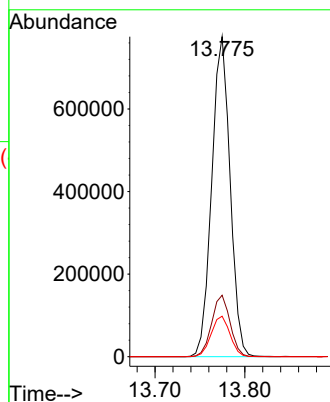
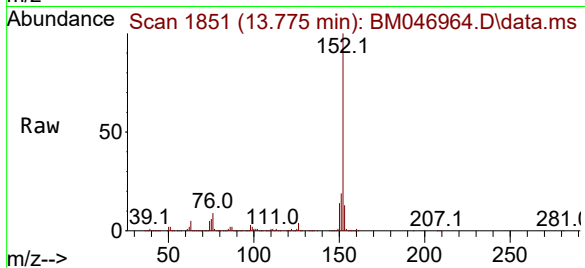
Tgt Ion:152 Resp: 1099885

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

153 12.6 10.1 15.1



#51

3-Nitroaniline

Concen: 21.532 ng/ul

RT: 13.975 min Scan# 1885

Delta R.T. -0.005 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

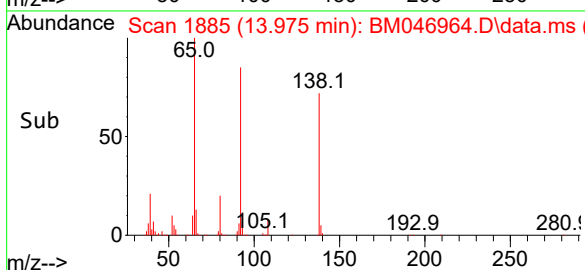
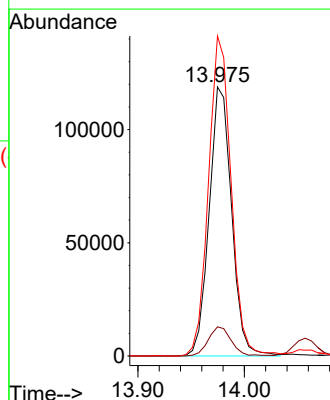
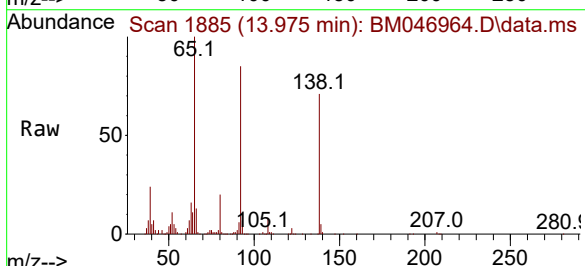
Tgt Ion:138 Resp: 174419

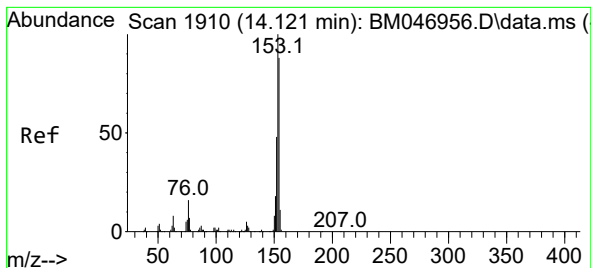
Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.2

92 118.9 96.6 144.8





#52

Acenaphthene

Concen: 21.227 ng/ul

RT: 14.122 min Scan# 1910

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

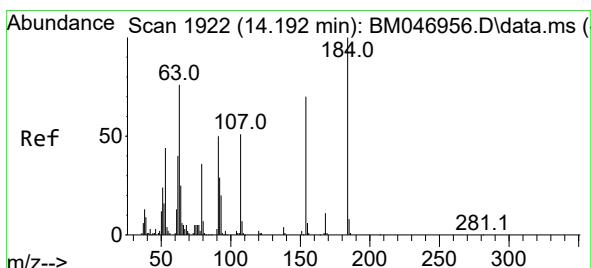
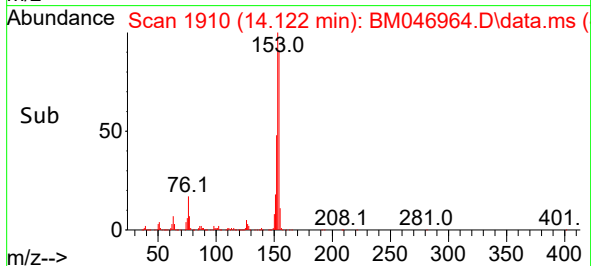
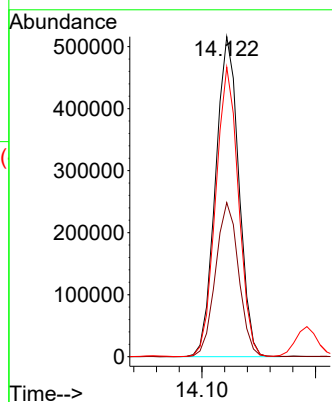
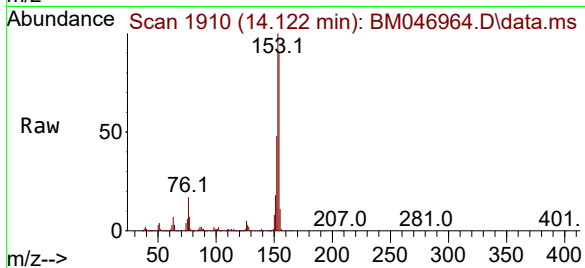
Tgt Ion:153 Resp: 735608

Ion Ratio Lower Upper

153 100

152 48.1 38.2 57.2

154 90.5 70.1 105.1



#53

2,4-Dinitrophenol

Concen: 18.485 ng/ul

RT: 14.192 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

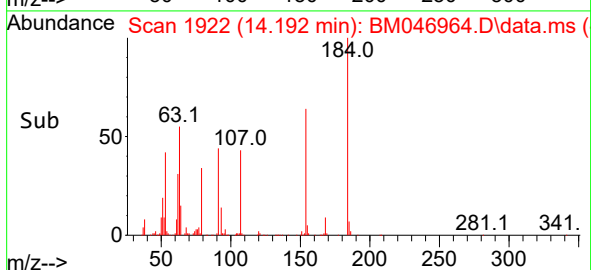
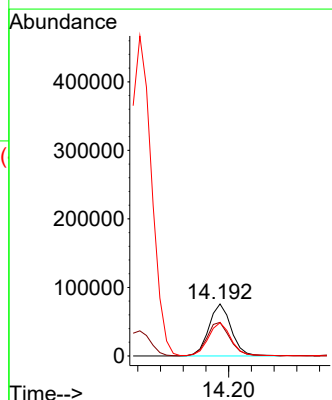
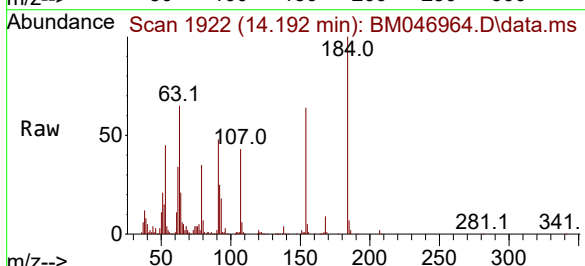
Tgt Ion:184 Resp: 103741

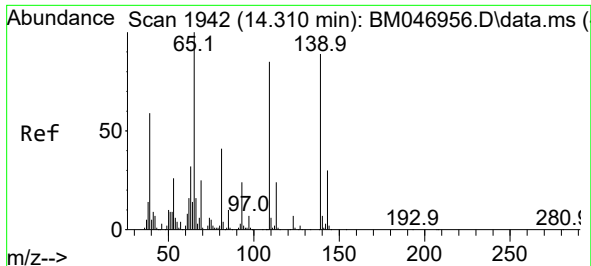
Ion Ratio Lower Upper

184 100

63 64.5 61.9 92.9

154 63.9 55.6 83.4

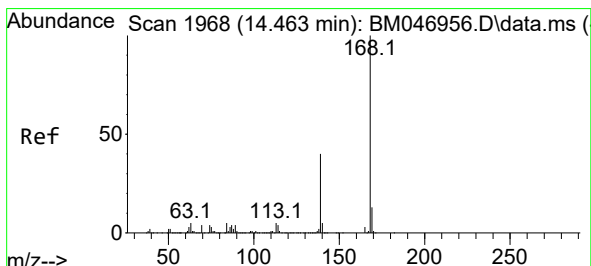
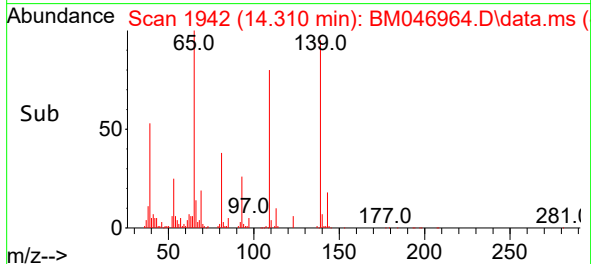
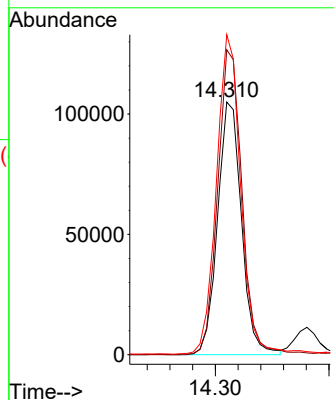
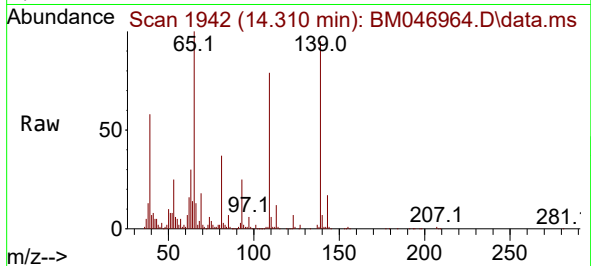




#55
4-Nitrophenol
Concen: 19.271 ng/ul
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

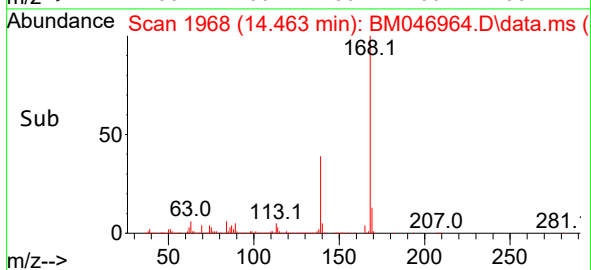
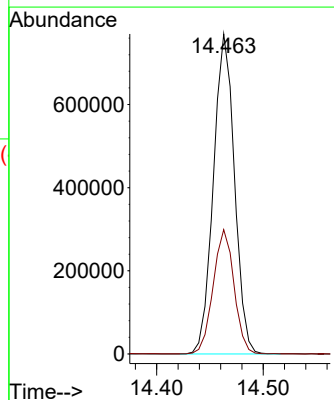
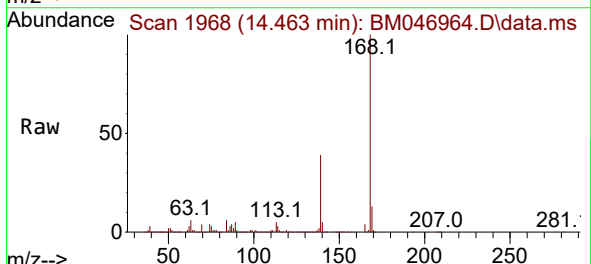
Instrument :
BNA_M
ClientSampleId :
E20J7MS

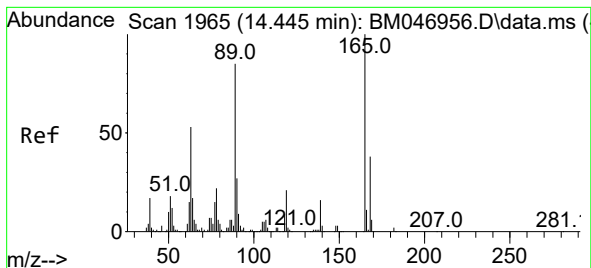
Tgt Ion	Ratio	Lower	Upper
109	100		
139	120.6	82.3	123.5
65	126.6	92.6	139.0



#56
Dibenzofuran
Concen: 21.713 ng/ul
RT: 14.463 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	33.0	49.4

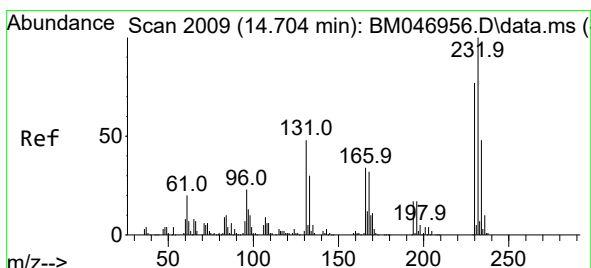
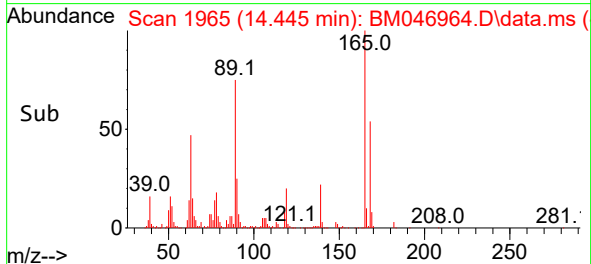
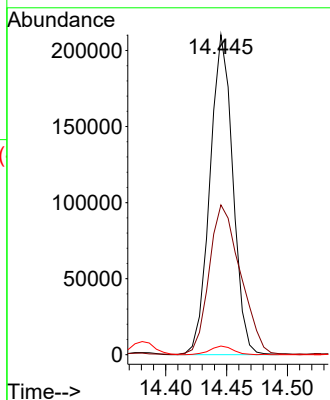
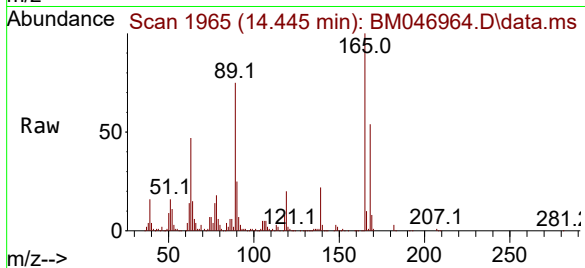




#57
2,4-Dinitrotoluene
Concen: 22.718 ng/ul
RT: 14.445 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

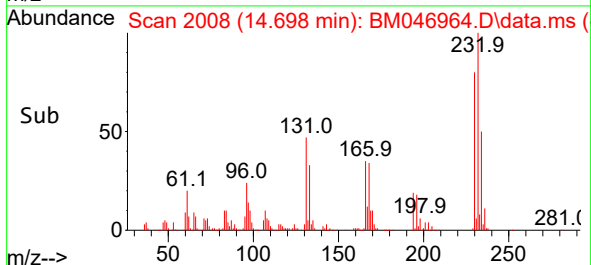
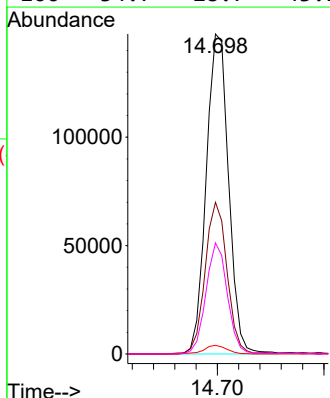
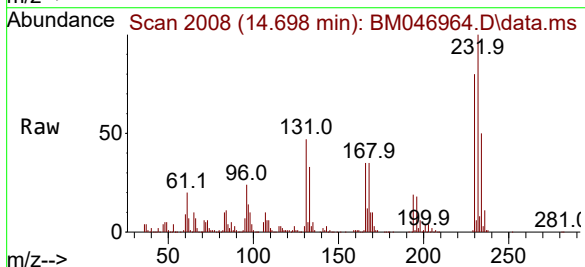
Instrument :
BNA_M
ClientSampleId :
E20J7MS

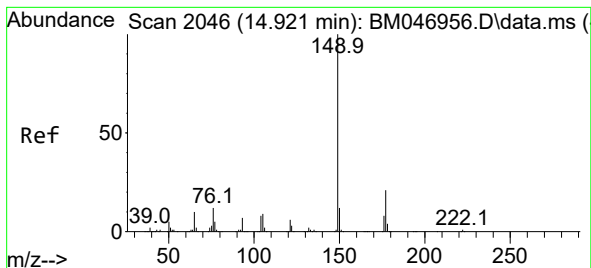
Tgt Ion:165 Resp: 276140
Ion Ratio Lower Upper
165 100
63 46.8 41.4 62.0
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.537 ng/ul
RT: 14.698 min Scan# 2008
Delta R.T. -0.005 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:232 Resp: 215791
Ion Ratio Lower Upper
232 100
131 47.4 40.8 61.2
130 2.7 2.6 3.8
166 34.7 28.7 43.1





#59

Diethylphthalate

Concen: 21.151 ng/ul

RT: 14.916 min Scan# 2045

Delta R.T. -0.005 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

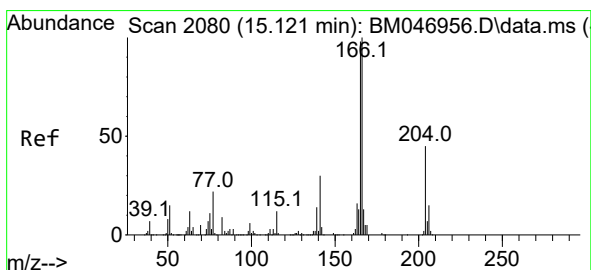
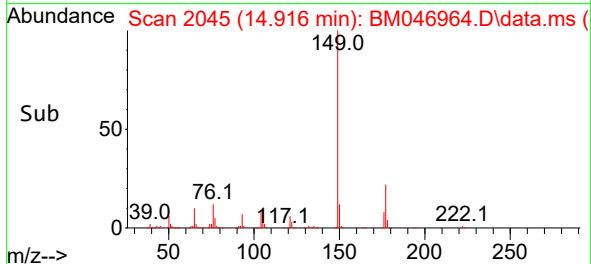
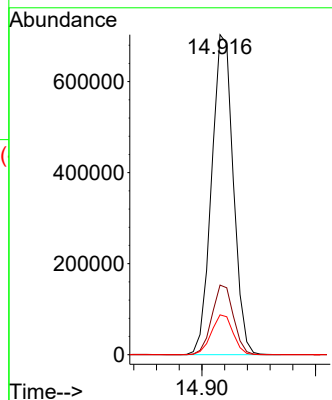
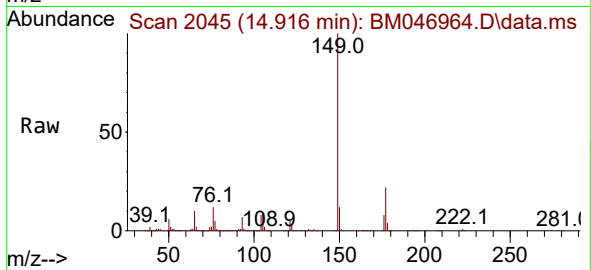
Tgt Ion:149 Resp: 930944

Ion Ratio Lower Upper

149 100

177 21.8 16.5 24.7

150 12.5 9.7 14.5



#61

Fluorene

Concen: 21.758 ng/ul

RT: 15.116 min Scan# 2079

Delta R.T. -0.005 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

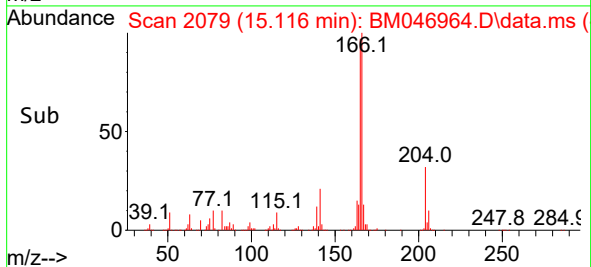
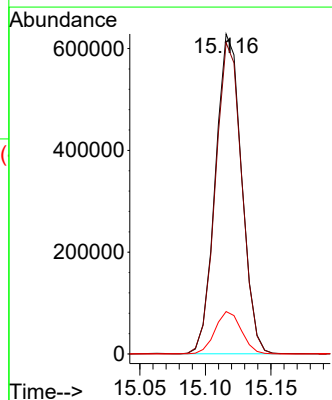
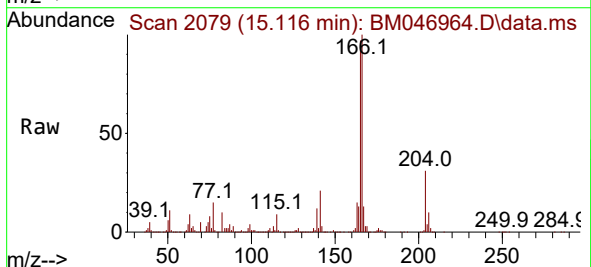
Tgt Ion:166 Resp: 872820

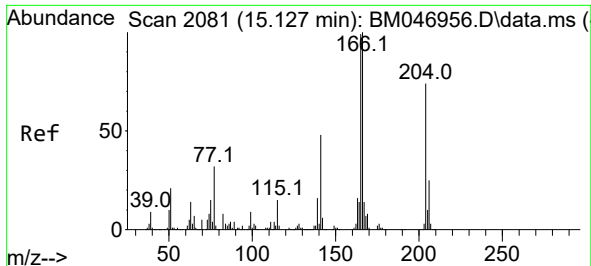
Ion Ratio Lower Upper

166 100

165 97.3 79.5 119.3

167 13.3 11.5 17.3

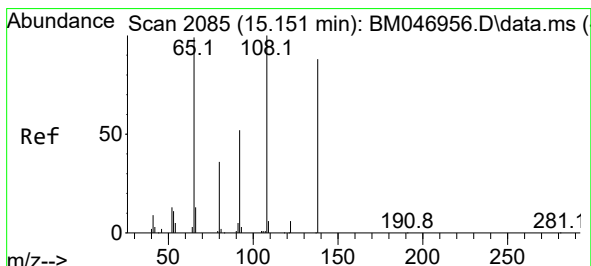
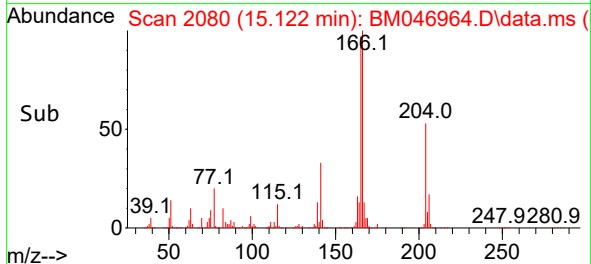
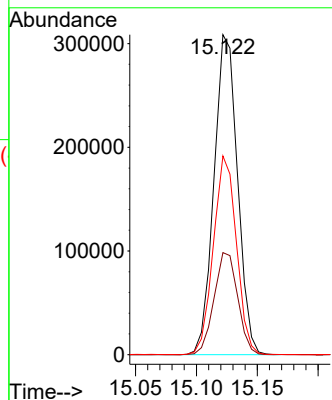
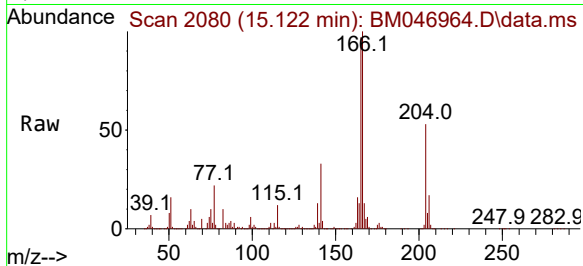




#62
4-Chlorophenyl-phenylether
Concen: 21.052 ng/ul
RT: 15.122 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

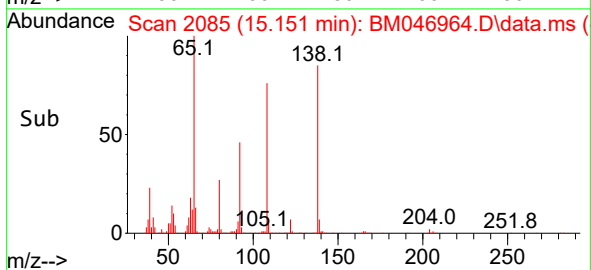
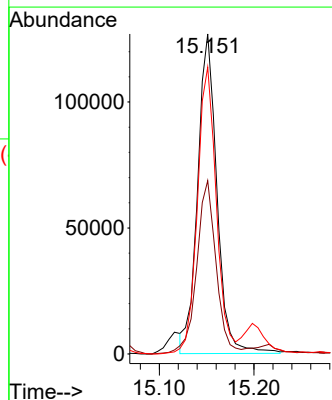
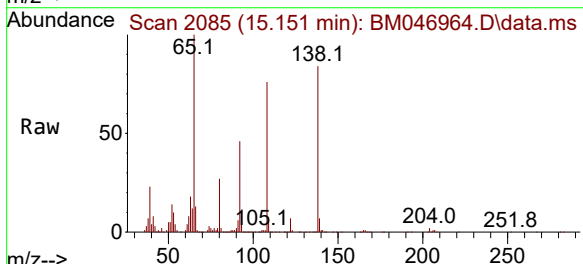
Instrument :
BNA_M
ClientSampleId :
E20J7MS

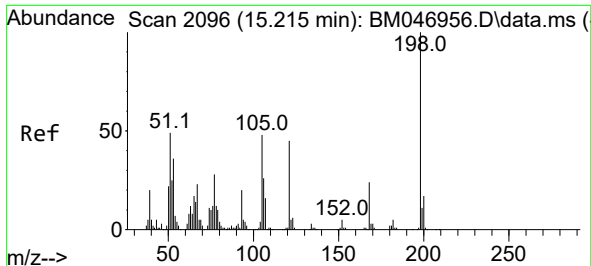
Tgt Ion:204 Resp: 415745
Ion Ratio Lower Upper
204 100
206 31.9 27.0 40.4
141 62.1 52.2 78.4



#63
4-Nitroaniline
Concen: 22.507 ng/ul
RT: 15.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:138 Resp: 180174
Ion Ratio Lower Upper
138 100
92 54.1 47.7 71.5
108 89.7 87.3 130.9

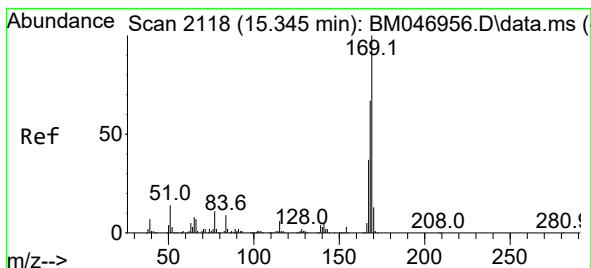
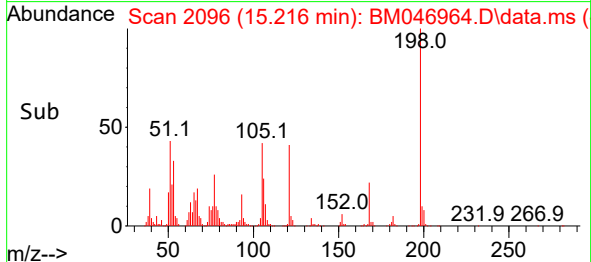
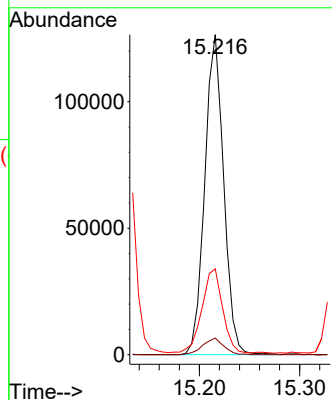
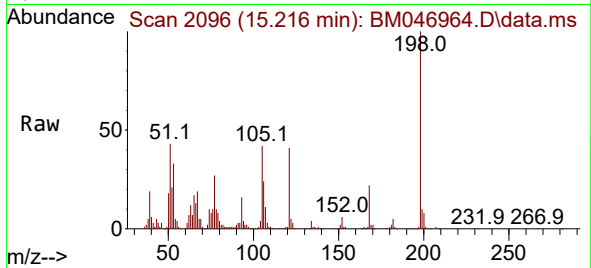




#66
4,6-Dinitro-2-methylphenol
Concen: 21.158 ng/ul
RT: 15.216 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

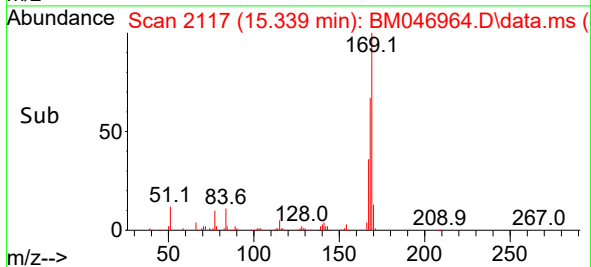
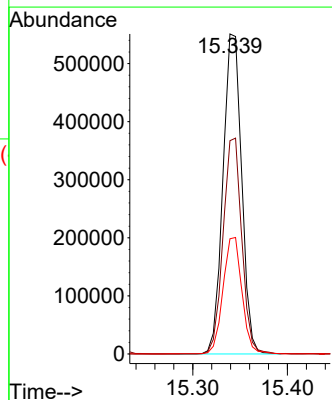
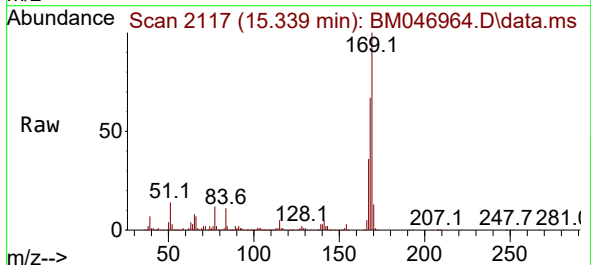
Instrument :
BNA_M
ClientSampleId :
E20J7MS

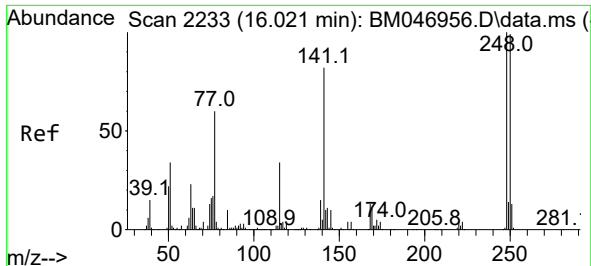
Tgt Ion:198 Resp: 165974
Ion Ratio Lower Upper
198 100
182 5.2 3.6 5.4
77 26.8 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 22.453 ng/ul
RT: 15.339 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:169 Resp: 755155
Ion Ratio Lower Upper
169 100
168 66.7 54.0 81.0
167 36.0 30.2 45.2

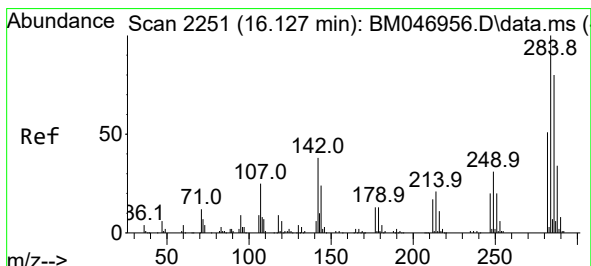
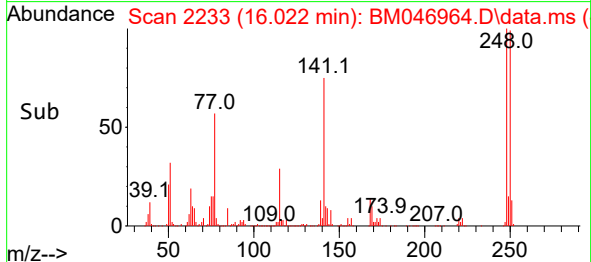
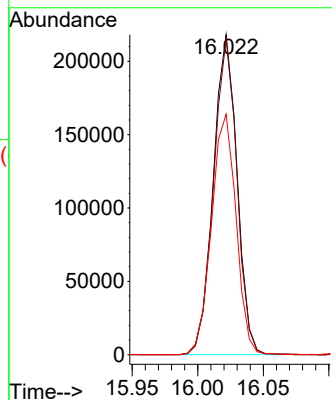
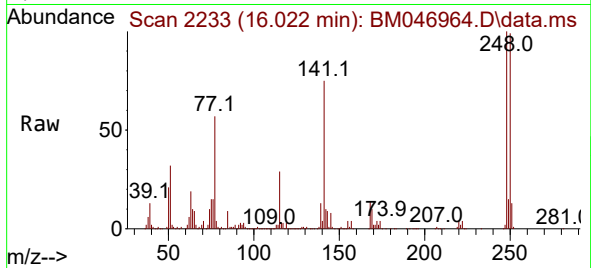




#68
4-Bromophenyl-phenylether
Concen: 22.339 ng/ul
RT: 16.022 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

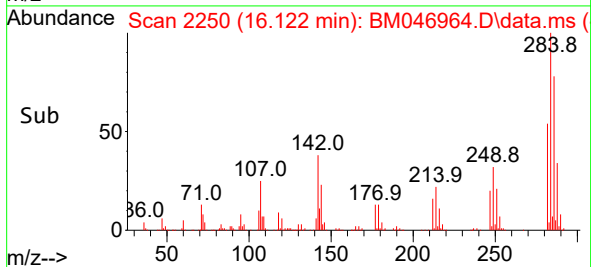
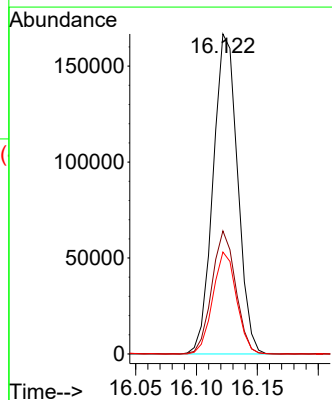
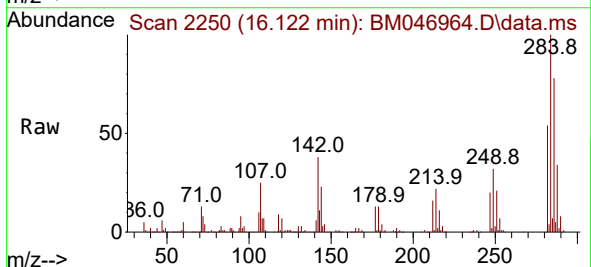
Instrument :
BNA_M
ClientSampleId :
E20J7MS

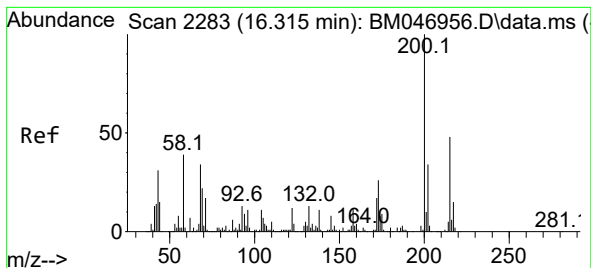
Tgt Ion:248 Resp: 274356
Ion Ratio Lower Upper
248 100
250 98.8 80.7 121.1
141 75.1 68.6 103.0



#69
Hexachlorobenzene
Concen: 16.133 ng/ul
RT: 16.122 min Scan# 2250
Delta R.T. -0.006 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:284 Resp: 233312
Ion Ratio Lower Upper
284 100
142 38.4 30.0 45.0
249 31.8 24.6 36.8





#70

Atrazine

Concen: 14.214 ng/ul

RT: 16.310 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

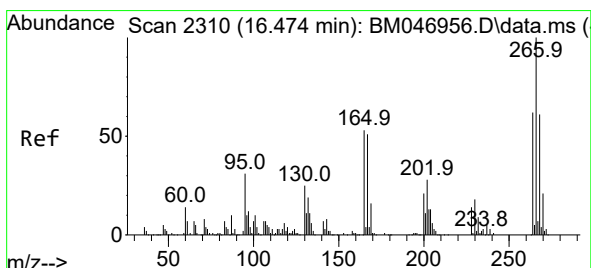
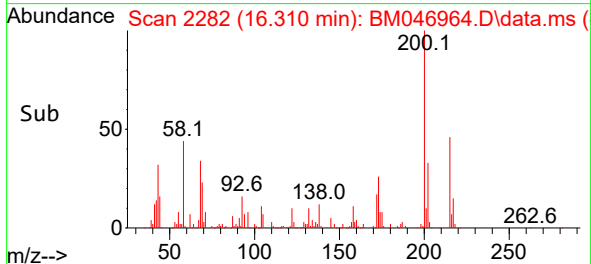
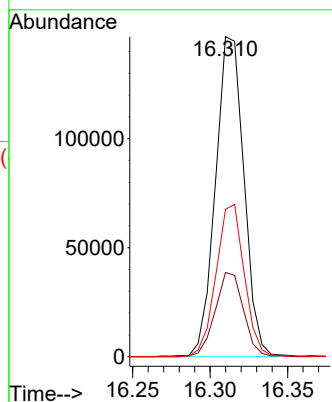
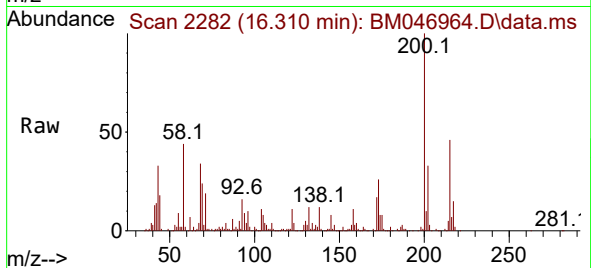
Tgt Ion:200 Resp: 187561

Ion Ratio Lower Upper

200 100

173 26.3 21.4 32.0

215 46.0 36.7 55.1



#71

Pentachlorophenol

Concen: 17.326 ng/ul

RT: 16.475 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

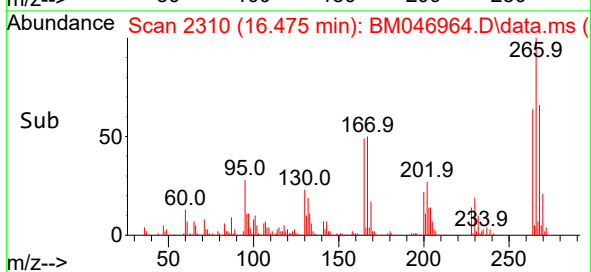
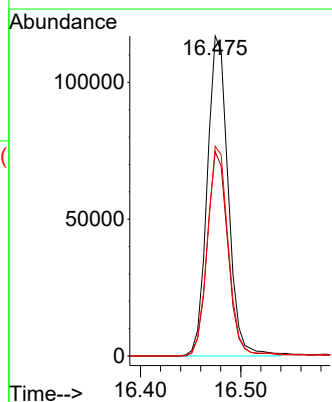
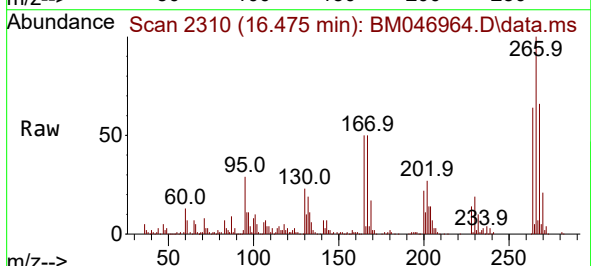
Tgt Ion:266 Resp: 169642

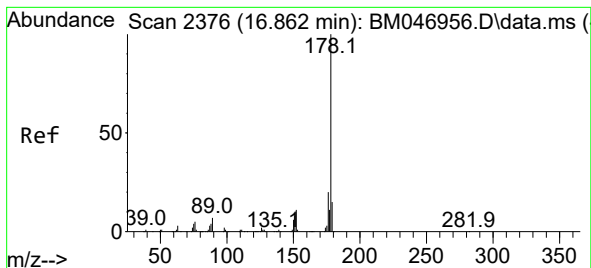
Ion Ratio Lower Upper

266 100

264 63.8 50.7 76.1

268 65.5 53.0 79.6





#72

Phenanthrene

Concen: 22.972 ng/ul

RT: 16.863 min Scan# 2376

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

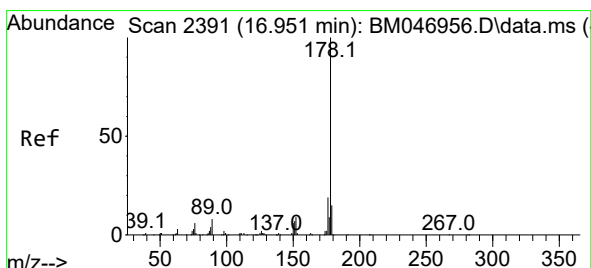
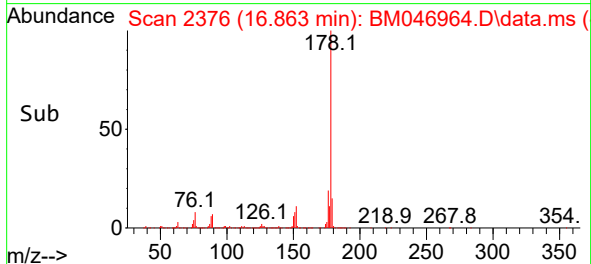
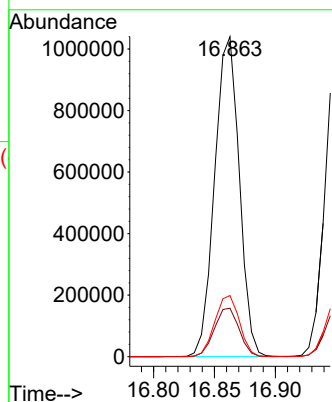
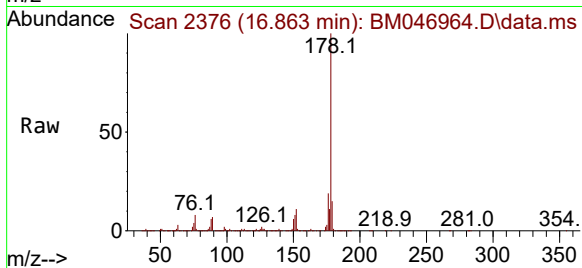
Tgt Ion:178 Resp: 1461152

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 19.1 15.3 22.9



#74

Anthracene

Concen: 22.189 ng/ul

RT: 16.951 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

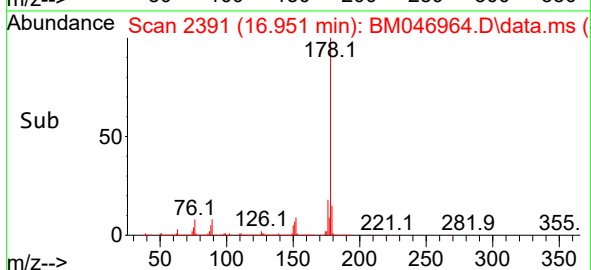
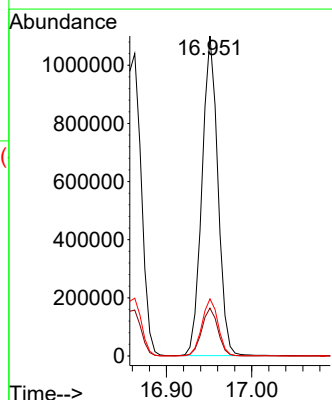
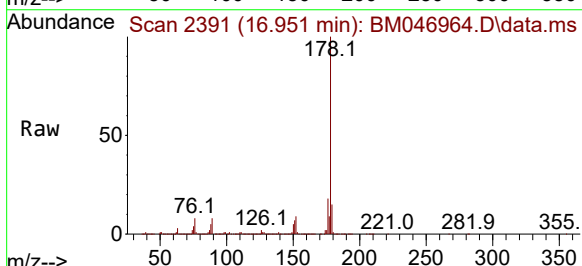
Tgt Ion:178 Resp: 1423356

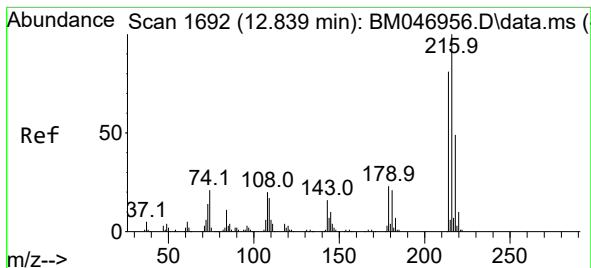
Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

176 17.9 14.6 22.0

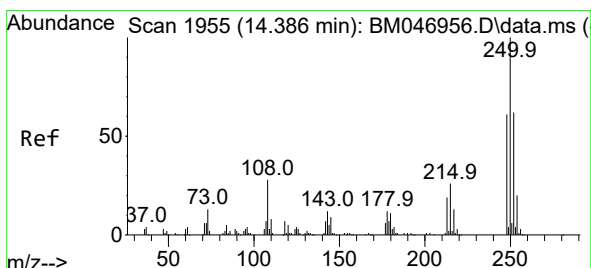
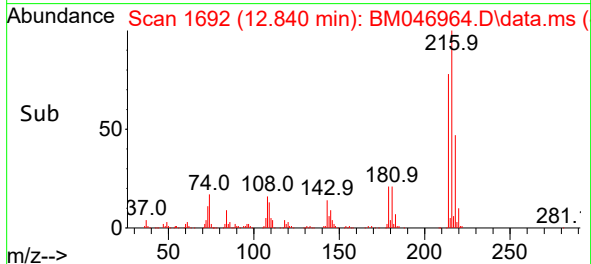
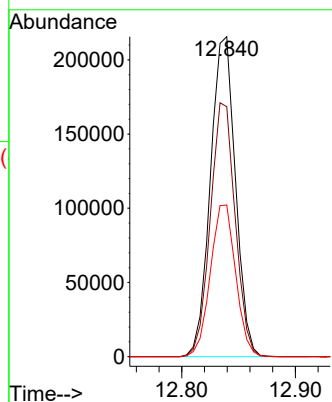
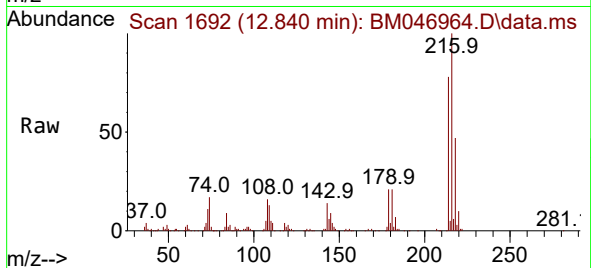




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.280 ng/uL
RT: 12.840 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

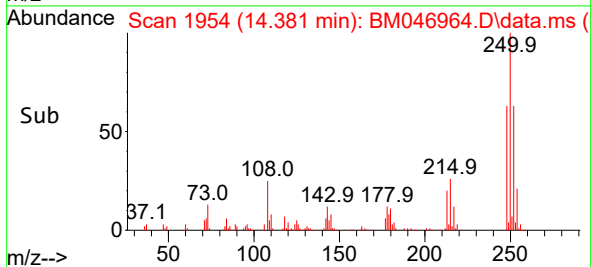
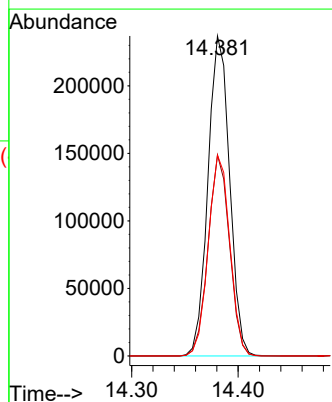
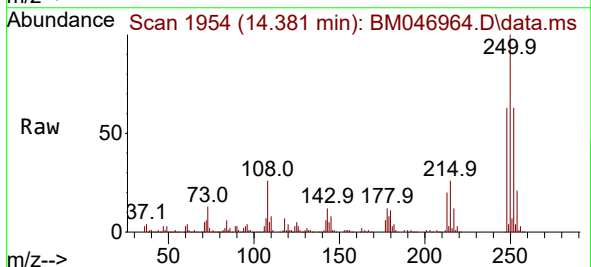
Instrument :
BNA_M
ClientSampleId :
E20J7MS

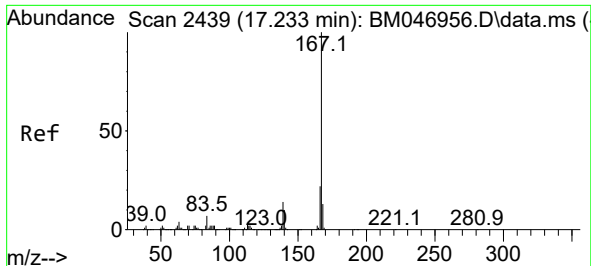
Tgt Ion:216 Resp: 331090
Ion Ratio Lower Upper
216 100
214 78.1 67.0 100.6
218 47.4 38.7 58.1



#76
Pentachlorobenzene
Concen: 19.780 ng/uL
RT: 14.381 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:250 Resp: 334264
Ion Ratio Lower Upper
250 100
248 62.8 49.6 74.4
252 62.7 51.4 77.0

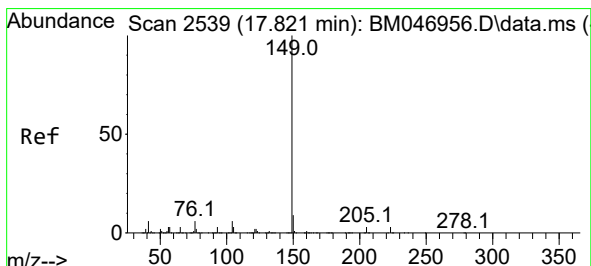
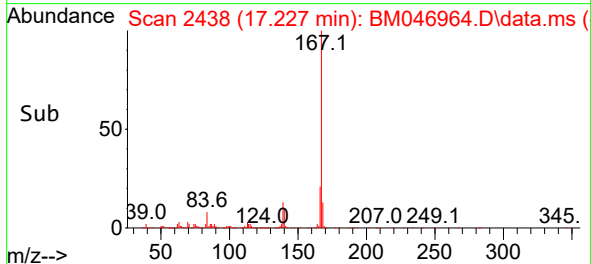
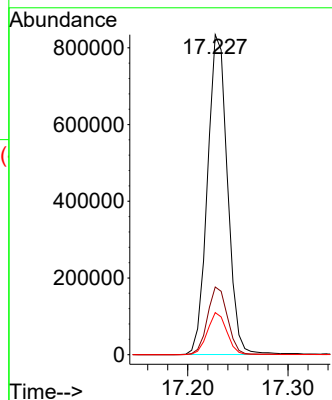
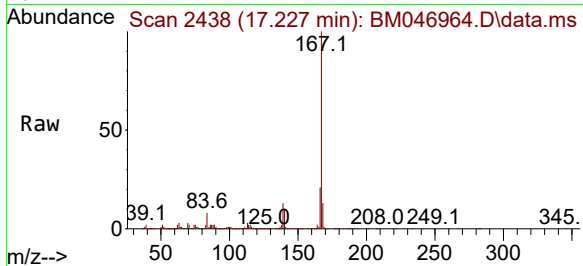




#77
Carbazole
Concen: 19.480 ng/ul
RT: 17.227 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

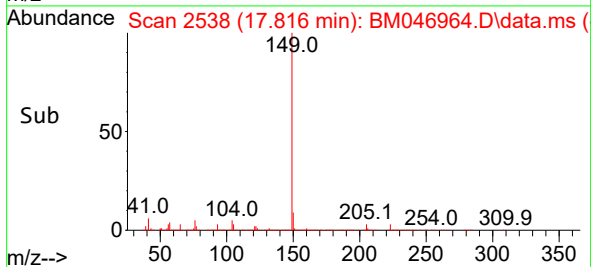
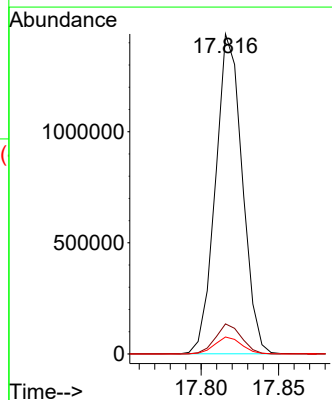
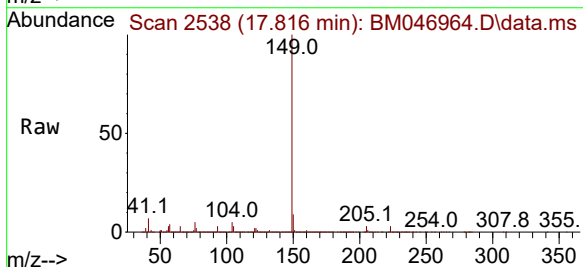
Instrument :
BNA_M
ClientSampleId :
E20J7MS

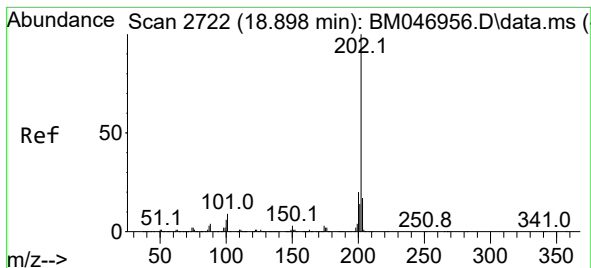
Tgt Ion:167 Resp: 1158392
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.4
139 13.2 10.6 16.0



#78
Di-n-butylphthalate
Concen: 22.845 ng/ul
RT: 17.816 min Scan# 2538
Delta R.T. -0.006 min
Lab File: BM046964.D
Acq: 03 Aug 2024 14:08

Tgt Ion:149 Resp: 1727522
Ion Ratio Lower Upper
149 100
150 9.4 7.0 10.6
104 5.3 4.8 7.2





#80

Fluoranthene

Concen: 25.915 ng/ul

RT: 18.892 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

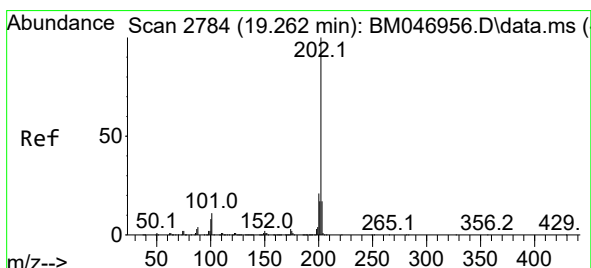
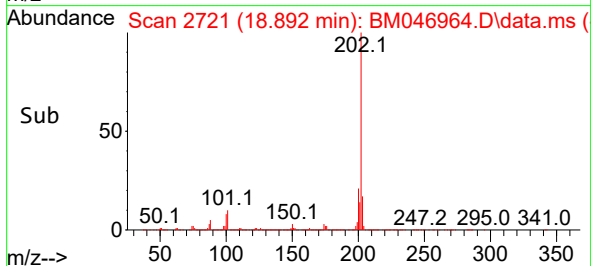
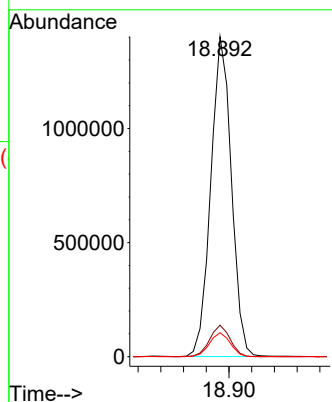
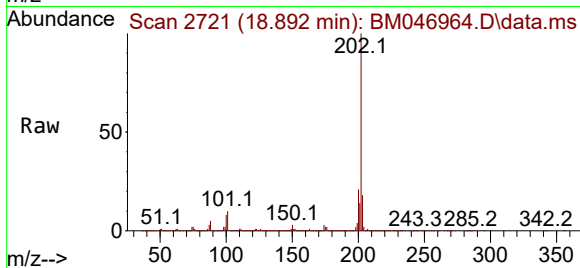
Tgt Ion:202 Resp: 1765631

Ion Ratio Lower Upper

202 100

101 9.8 7.8 11.6

100 7.5 5.9 8.9



#82

Pyrene

Concen: 18.147 ng/ul

RT: 19.257 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

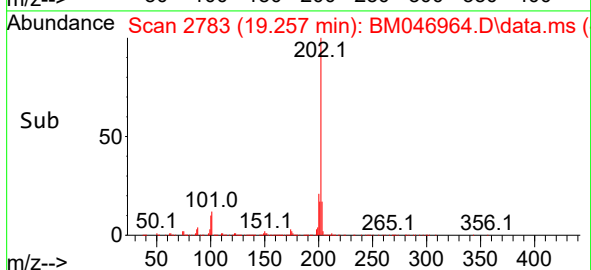
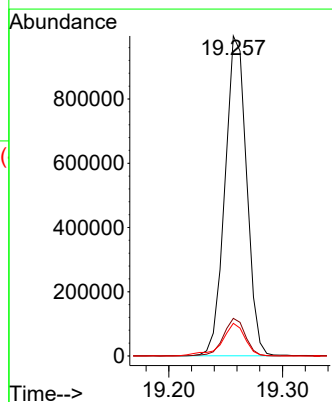
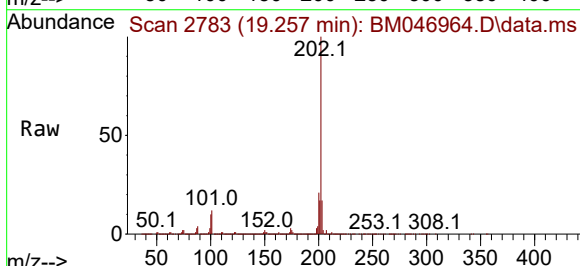
Tgt Ion:202 Resp: 1317409

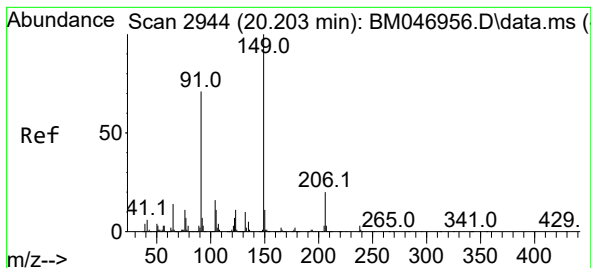
Ion Ratio Lower Upper

202 100

101 11.8 8.7 13.1

100 10.2 6.8 10.2#





#83

Butylbenzylphthalate

Concen: 25.634 ng/ul

RT: 20.204 min Scan# 2944

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

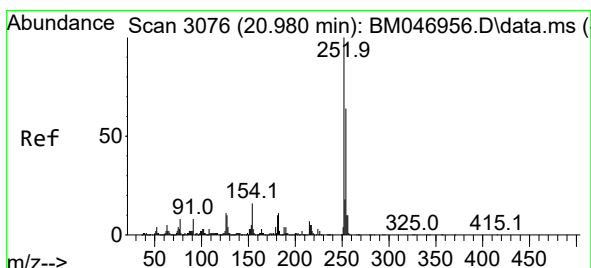
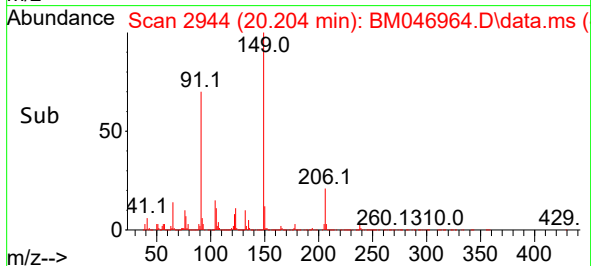
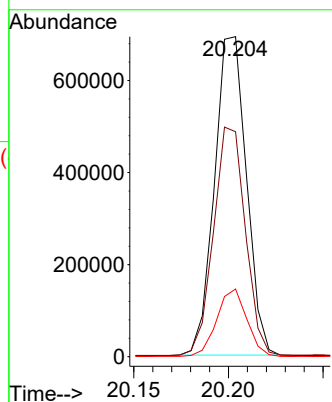
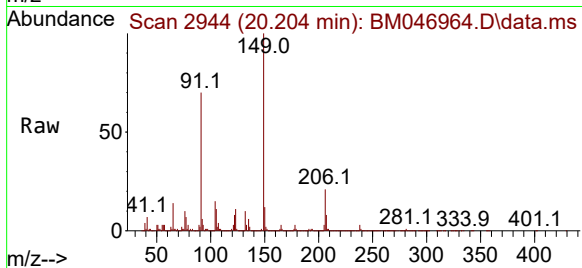
Tgt Ion:149 Resp: 813378

Ion Ratio Lower Upper

149 100

91 70.3 55.3 82.9

206 21.2 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 11.950 ng/ul

RT: 20.980 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

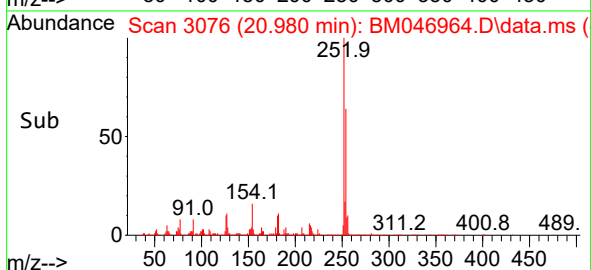
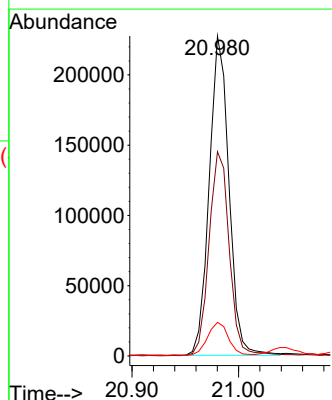
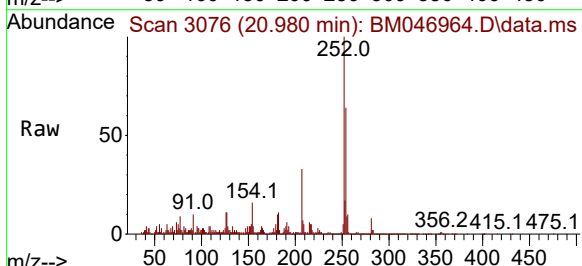
Tgt Ion:252 Resp: 291758

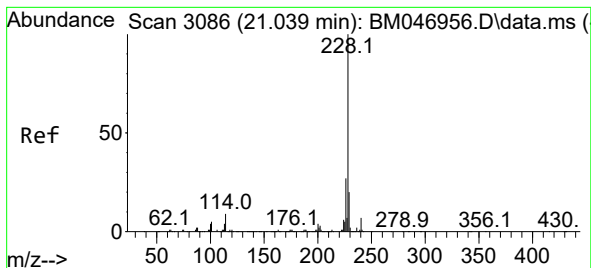
Ion Ratio Lower Upper

252 100

254 63.8 52.6 78.8

126 10.5 8.8 13.2





#85

Benzo(a)anthracene

Concen: 23.681 ng/ul

RT: 21.039 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

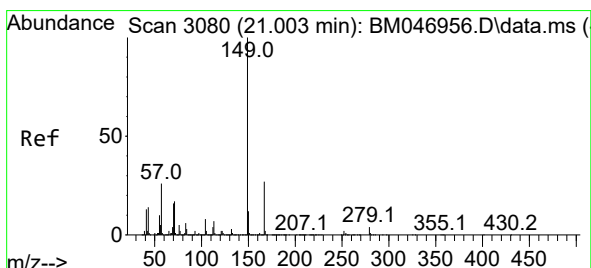
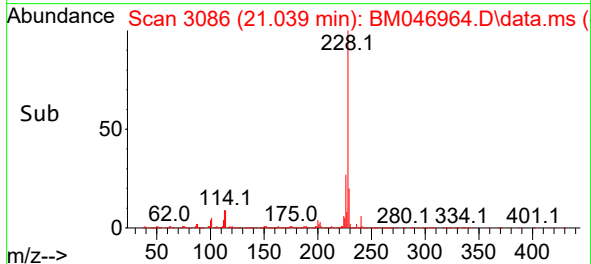
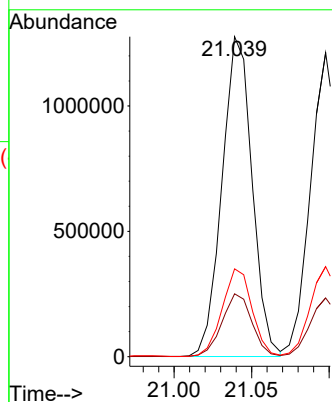
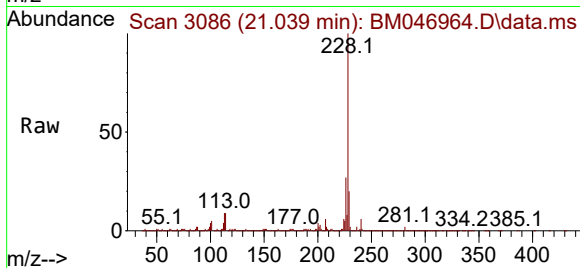
Tgt Ion:228 Resp: 1722427

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 27.5 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.445 ng/ul

RT: 21.004 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

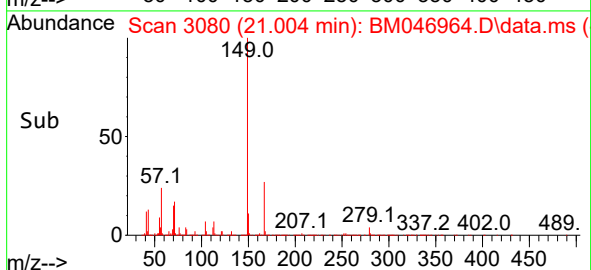
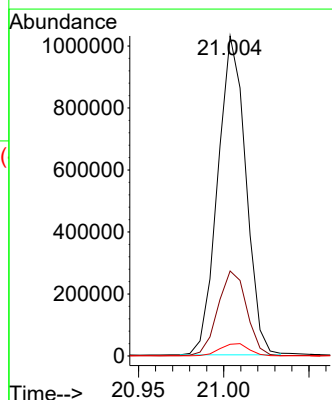
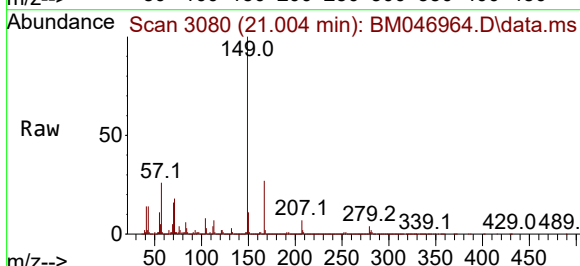
Tgt Ion:149 Resp: 1178698

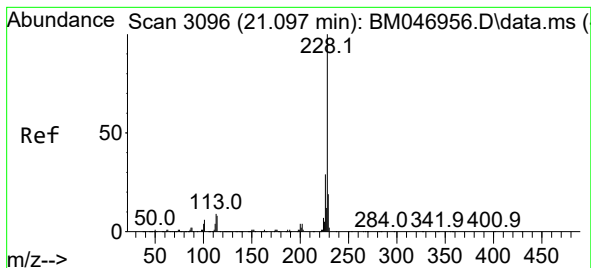
Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 3.7 3.3 4.9





#87

Chrysene

Concen: 22.884 ng/ul

RT: 21.098 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

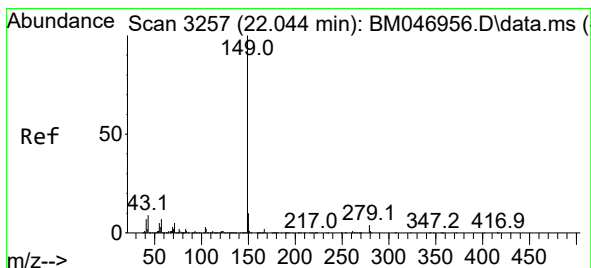
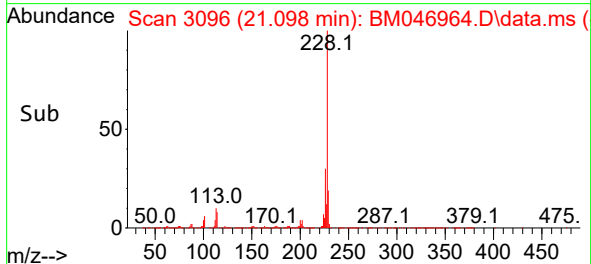
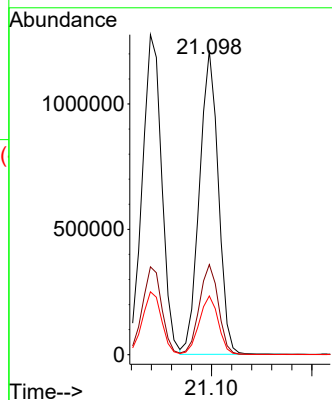
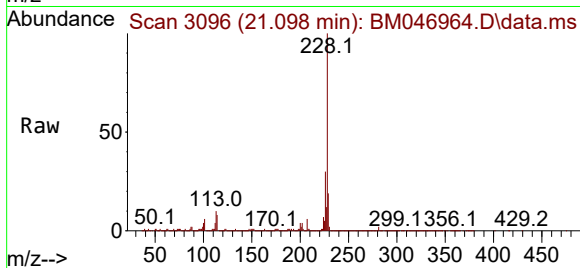
Tgt Ion:228 Resp: 1587451

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.3 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 25.099 ng/ul

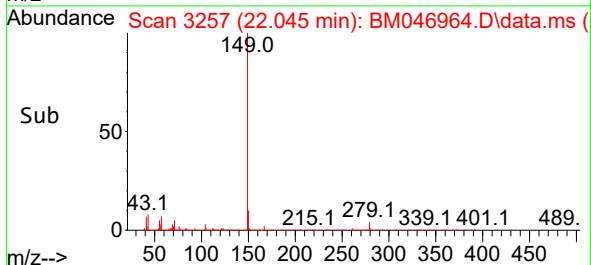
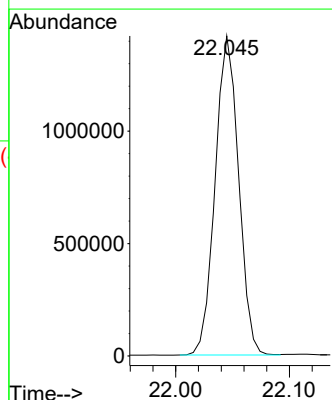
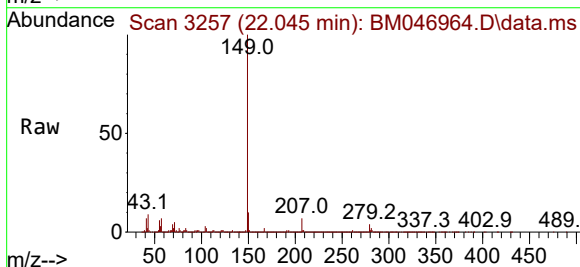
RT: 22.045 min Scan# 3257

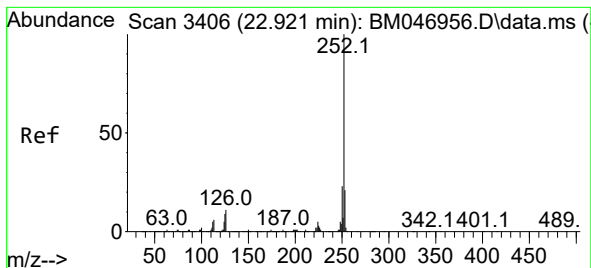
Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Tgt Ion:149 Resp: 2036415





#90

Benzo(b)fluoranthene

Concen: 23.865 ng/ul

RT: 22.927 min Scan# 3406

Delta R.T. 0.006 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

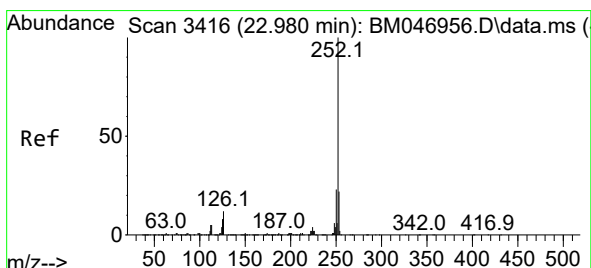
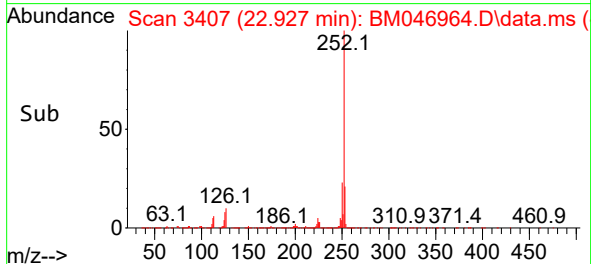
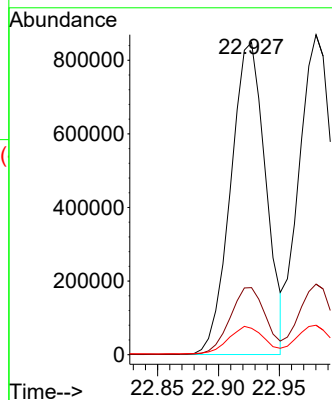
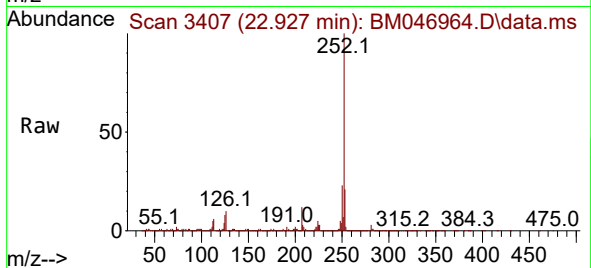
Tgt Ion:252 Resp: 1697781

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 8.4 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 23.879 ng/ul

RT: 22.980 min Scan# 3416

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

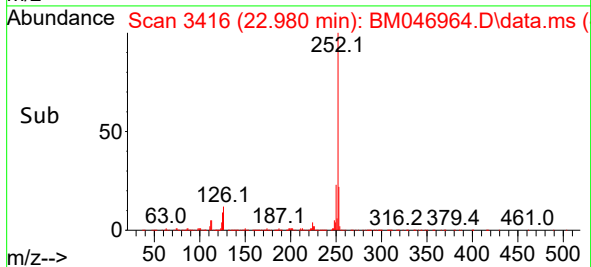
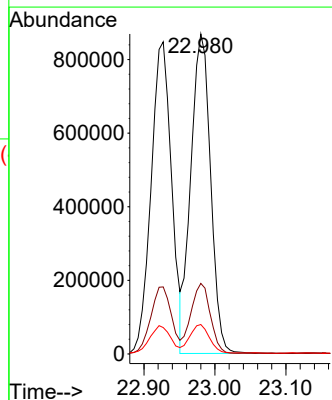
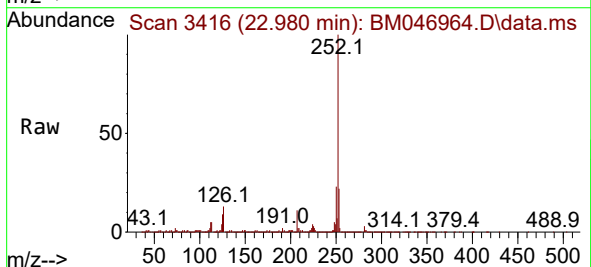
Tgt Ion:252 Resp: 1678715

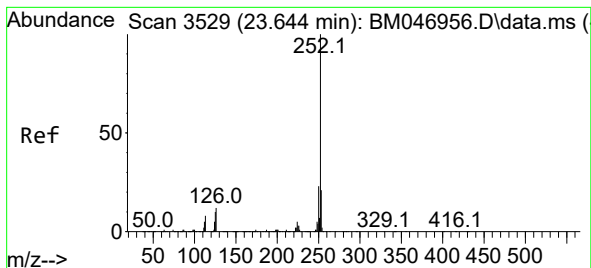
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 9.2 6.9 10.3





#93

Benzo(a)pyrene

Concen: 10.012 ng/ul

RT: 23.645 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

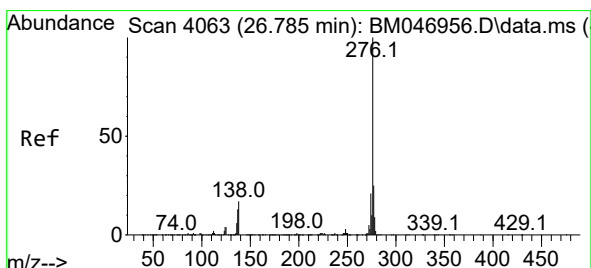
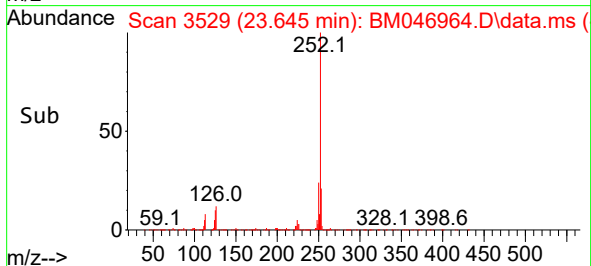
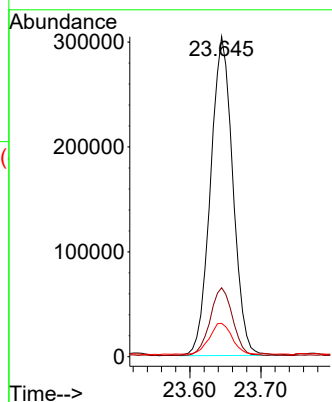
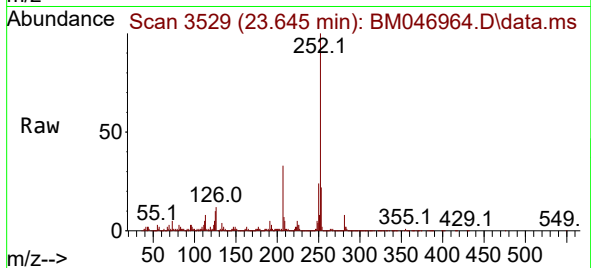
Tgt Ion:252 Resp: 663559

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

125 10.4 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.186 ng/ul

RT: 26.786 min Scan# 4063

Delta R.T. 0.006 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

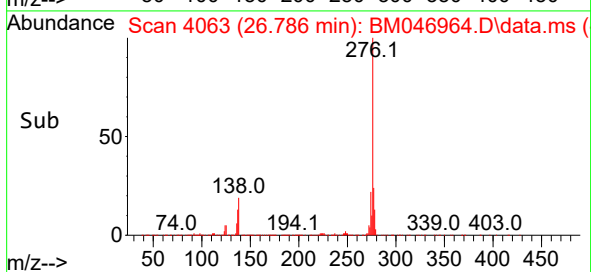
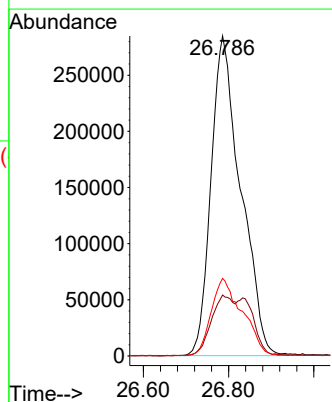
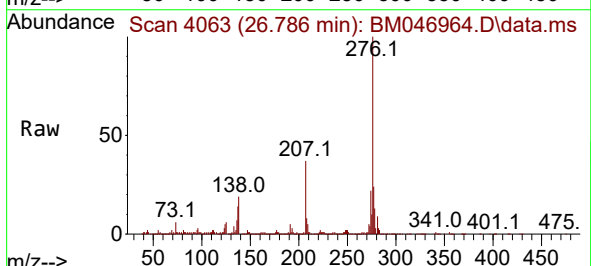
Tgt Ion:276 Resp: 1374433

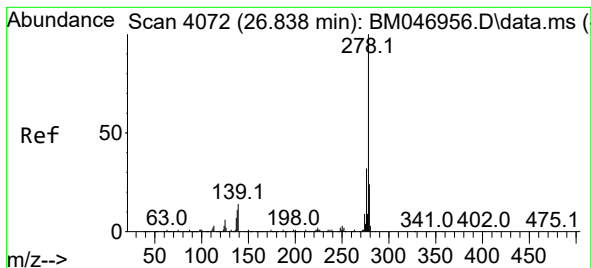
Ion Ratio Lower Upper

276 100

138 19.0 14.7 22.1

277 24.3 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 23.574 ng/ul

RT: 26.839 min Scan# 4072

Delta R.T. 0.006 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Instrument :

BNA_M

ClientSampleId :

E20J7MS

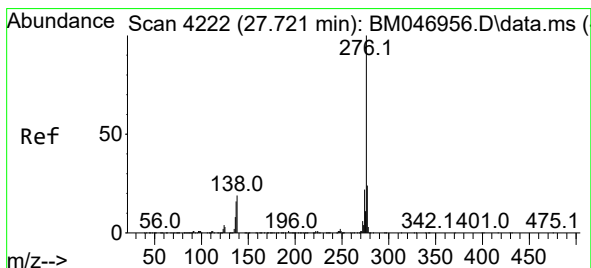
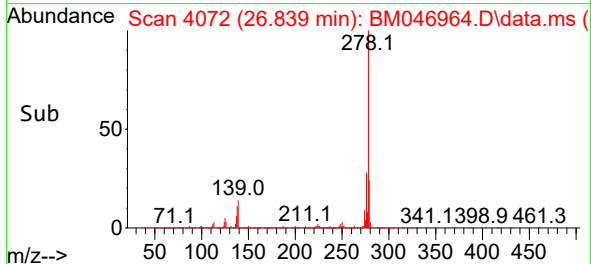
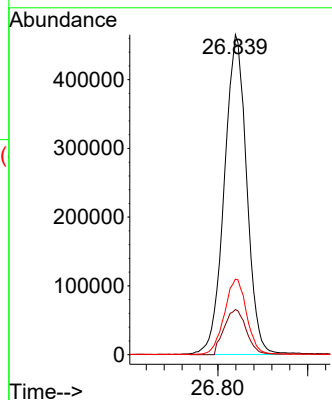
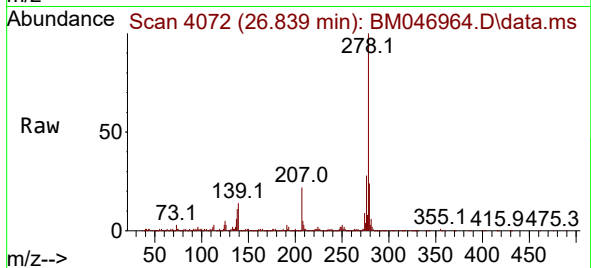
Tgt Ion:278 Resp: 1607872

Ion Ratio Lower Upper

278 100

139 14.1 11.4 17.0

279 23.6 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 1.941 ng/ul

RT: 27.709 min Scan# 4220

Delta R.T. -0.006 min

Lab File: BM046964.D

Acq: 03 Aug 2024 14:08

Tgt Ion:276 Resp: 130216

Ion Ratio Lower Upper

276 100

138 20.3 14.7 22.1

277 23.0 18.6 27.8

