

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
 Data File : BM046953.D
 Acq On : 02 Aug 2024 17:44
 Operator : MA/JU
 Sample : SSTD16029
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 02:23:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:17:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	148601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.163	136	580131	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.063	164	377328	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	843450	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	729671	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	771541	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	213808	73.741	ng/uL	0.00
4) Pyridine-d5	3.411	84	1448472	119.276	ng/u1	0.00
7) Phenol-d5	6.622	99	1646830	125.321	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.769	67	1022969	120.806	ng/u1	0.01
11) 2-Chlorophenol-d4	6.957	132	1393962	132.232	ng/u1	0.01
15) 4-Methylphenol-d8	8.146	113	1338791	158.975	ng/u1	0.02
21) Nitrobenzene-d5	8.563	128	683141	156.179	ng/u1	0.02
24) 2-Nitrophenol-d4	9.269	143	832016	139.271	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.810	165	1544356	131.377	ng/u1	0.01
31) 4-Chloroaniline-d4	10.322	131	1875647	146.762	ng/u1	0.01
46) Dimethylphthalate-d6	13.504	166	4493889	159.421	ng/u1	0.02
49) Acenaphthylene-d8	13.757	160	5093670	159.862	ng/u1	0.01
54) 4-Nitrophenol-d4	14.333	143	864671	163.377	ng/u1	0.04
60) Fluorene-d10	15.074	176	3825906	144.960	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.222	200	870365	159.062	ng/u1	0.02
73) Anthracene-d10	16.933	188	6048717	149.585	ng/u1	0.02
81) Pyrene-d10	19.239	212	7290943	194.401	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	7206655	175.860	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.058	88	223710	72.971	ng/uL	93
5) Pyridine	3.428	79	1412187	115.657	ng/u1	98
6) Benzaldehyde	6.569	77	643538	78.160	ng/u1	97
8) Phenol	6.652	94	1639850	120.448	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.863	93	1377609	129.511	ng/u1	98
12) 2-Chlorophenol	6.987	128	1384124	132.524	ng/u1	98
13) 2-Methylphenol	7.869	108	1300766	159.448	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.934	45	1569522	149.447	ng/u1	97
16) Acetophenone	8.234	105	2032291	145.964	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.251	70	1072583	167.374	ng/u1	96
18) 4-Methylphenol	8.216	108	1367704	155.158	ng/u1	99
19) Hexachloroethane	8.463	117	684848	153.503	ng/u1	84
22) Nitrobenzene	8.604	77	1685779	145.878	ng/u1	96
23) Isophorone	9.145	82	3085351	141.811	ng/u1	99
25) 2-Nitrophenol	9.304	139	843125	128.309	ng/u1	98
26) 2,4-Dimethylphenol	9.387	107	1571369	129.412	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.616	93	1907488	156.252	ng/u1	100
29) 2,4-Dichlorophenol	9.834	162	1461478	125.359	ng/u1	98
30) Naphthalene	10.216	128	4436937	149.188	ng/u1	99
32) 4-Chloroaniline	10.345	127	1808148	147.476	ng/u1	100
33) Hexachlorobutadiene	10.504	225	1090254	115.977	ng/u1	98
34) Caprolactam	11.181	113	249588	86.149	ng/u1	88
35) 4-Chloro-3-methylphenol	11.504	107	1536778	160.903	ng/u1	100
36) 2-Methylnaphthalene	11.845	142	3287321	129.238	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.069	142	3281074	130.589	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.228	216	1944430	133.753	ng/ul	98
40) Hexachlorocyclopentadiene	12.204	237	1379347	161.799	ng/ul	96
41) 2,4,6-Trichlorophenol	12.481	196	1319635	145.826	ng/ul	98
42) 2,4,5-Trichlorophenol	12.557	196	1409331	145.130	ng/ul	99
43) 1,1'-Biphenyl	12.892	154	4325254	150.224	ng/ul	97
44) 2-Chloronaphthalene	12.928	162	3365300	142.886	ng/ul	99
45) 2-Nitroaniline	13.151	65	1087182	180.621	ng/ul	99
47) Dimethylphthalate	13.551	163	4358015	154.502	ng/ul	100
48) 2,6-Dinitrotoluene	13.669	165	973988	170.724	ng/ul	88
50) Acenaphthylene	13.786	152	5202797	161.710	ng/ul	99
51) 3-Nitroaniline	13.998	138	833665	149.255	ng/ul	97
52) Acenaphthene	14.133	153	3732528	159.590	ng/ul	98
53) 2,4-Dinitrophenol	14.210	184	721897	172.274	ng/ul	93
55) 4-Nitrophenol	14.345	109	808391	126.753	ng/ul	96
56) Dibenzofuran	14.475	168	5164524	145.233	ng/ul	96
57) 2,4-Dinitrotoluene	14.469	165	1405212	162.281	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.710	232	1238698	146.836	ng/ul	93
59) Diethylphthalate	14.933	149	4594079	154.517	ng/ul	97
61) Fluorene	15.133	166	4333534	146.817	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.133	204	2347686	142.694	ng/ul#	88
63) 4-Nitroaniline	15.180	138	679219	117.917	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.239	198	928350	154.760	ng/ul#	92
67) N-Nitrosodiphenylamine	15.357	169	3668893	157.351	ng/ul	98
68) 4-Bromophenyl-phenylether	16.027	248	1490269	150.018	ng/ul	92
69) Hexachlorobenzene	16.133	284	1674955	142.729	ng/ul	97
70) Atrazine	16.333	200	1529652	156.023	ng/ul	96
71) Pentachlorophenol	16.486	266	1220235	157.140	ng/ul	97
72) Phenanthrene	16.874	178	7137078	156.812	ng/ul	99
74) Anthracene	16.968	178	6983633	150.226	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.845	216	2007724	152.155	ng/ul	96
76) Pentachlorobenzene	14.392	250	1942768	142.914	ng/ul	99
77) Carbazole	17.245	167	6409499	153.014	ng/ul	99
78) Di-n-butylphthalate	17.827	149	8345073	169.648	ng/ul	98
80) Fluoranthene	18.904	202	8642523	180.916	ng/ul	96
82) Pyrene	19.274	202	8804940	189.145	ng/ul	96
83) Butylbenzylphthalate	20.204	149	3917191	215.610	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.992	252	2801064	159.918	ng/ul#	98
85) Benzo(a)anthracene	21.051	228	8513890	161.594	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.009	149	5475430	187.162	ng/ul#	95
87) Chrysene	21.109	228	7859409	156.358	ng/ul	98
89) Di-n-octyl phthalate	22.051	149	9524184	196.919	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	8519794	176.947	ng/ul	98
91) Benzo(k)fluoranthene	23.003	252	8245451	174.760	ng/ul	98
93) Benzo(a)pyrene	23.680	252	7657676	171.203	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.833	276	9577112	170.997	ng/ul	97
95) Dibenzo(a,h)anthracene	26.897	278	7603599	167.452	ng/ul	98
96) Benzo(g,h,i)perylene	27.785	276	7482496	155.242	ng/ul	98

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

Instrument :

BNA M

ClientSampleId :

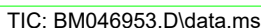
Quant Time: Aug 03 02:23:27 2024

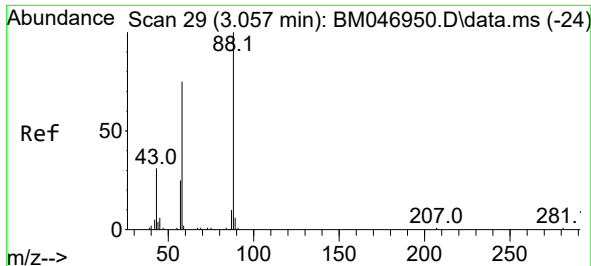
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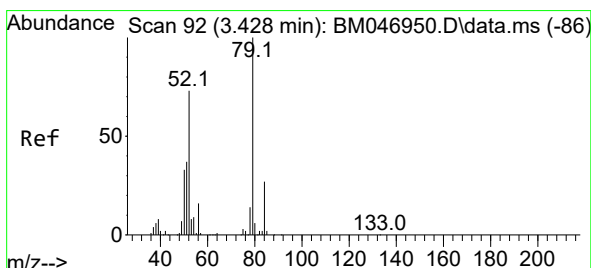
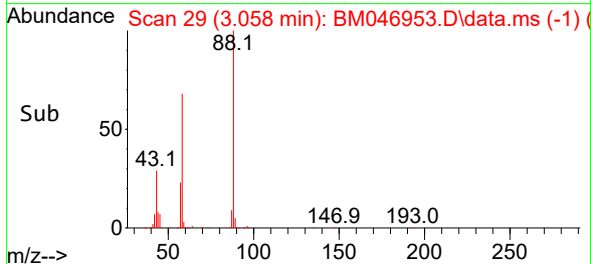
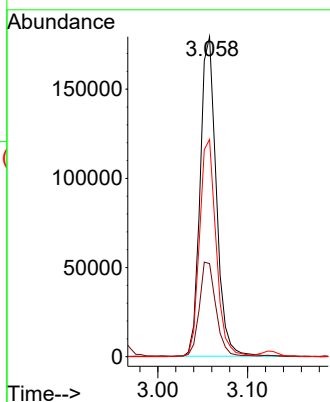
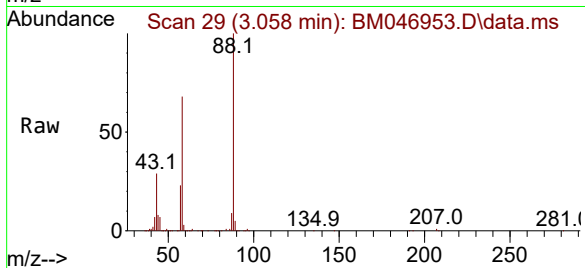




#2
1,4-Dioxane
Concen: 72.971 ng/uL
RT: 3.058 min Scan# 29
Delta R.T. 0.000 min
Lab File: BM046953.D
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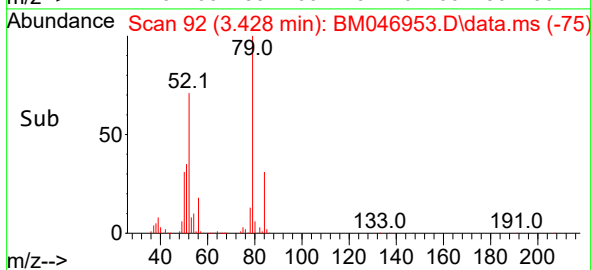
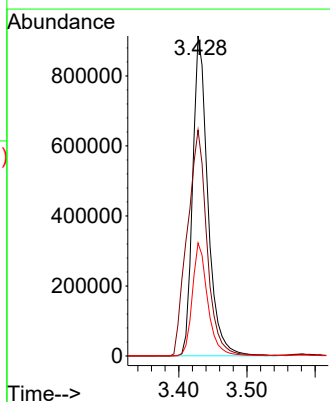
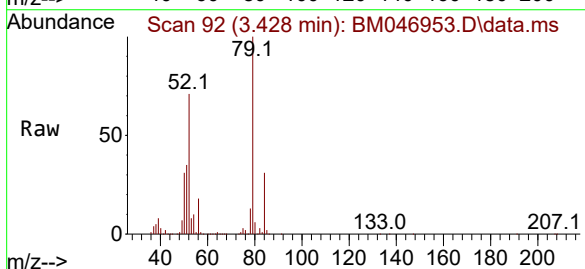
Instrument :
BNA_M
ClientSampleId :

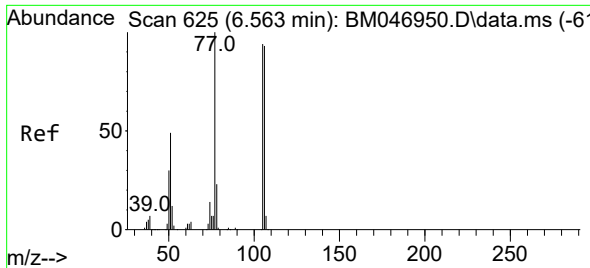
Tgt Ion: 88 Resp: 223710
Ion Ratio Lower Upper
88 100
43 29.1 24.9 37.3
58 67.9 59.7 89.5



#5
Pyridine
Concen: 115.657 ng/uL
RT: 3.428 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion: 79 Resp: 1412187
Ion Ratio Lower Upper
79 100
52 70.6 58.1 87.1
51 35.3 29.3 43.9

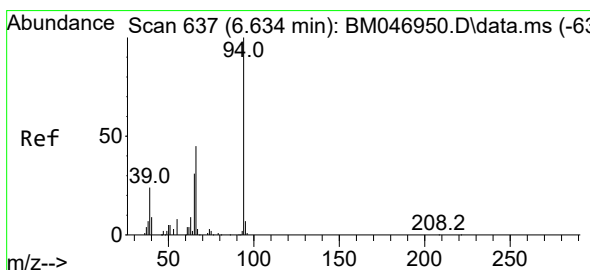
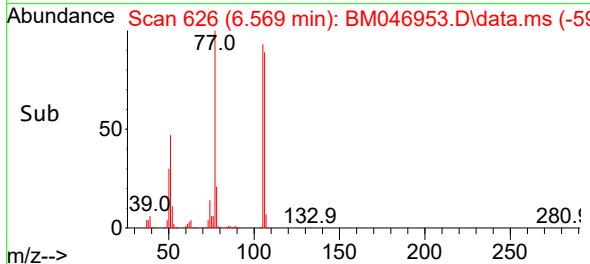
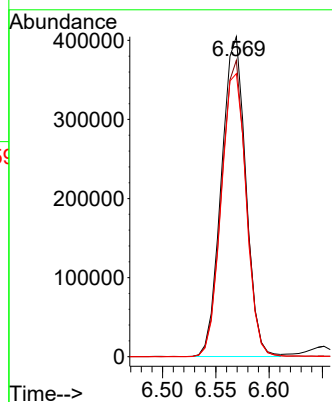
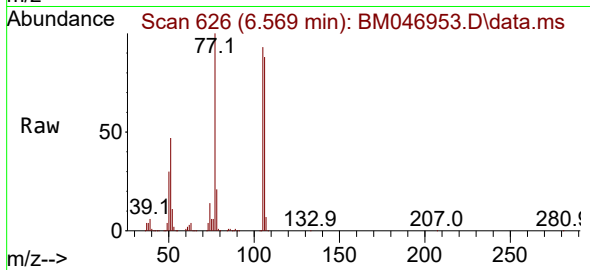




#6
Benzaldehyde
Concen: 78.160 ng/ul
RT: 6.569 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

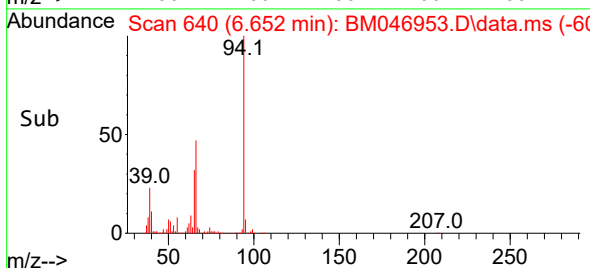
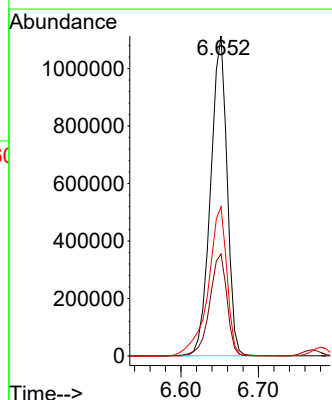
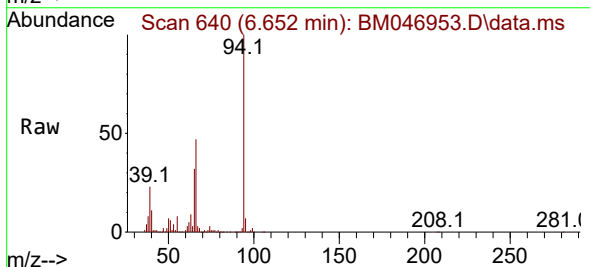
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BNA_M
ClientSampleId :

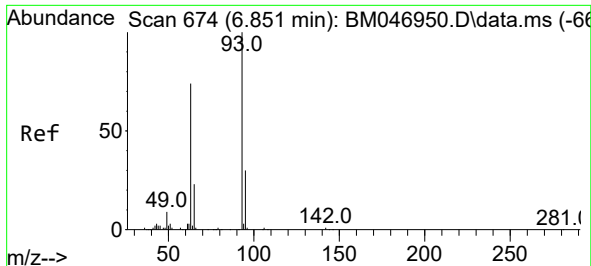
Tgt Ion: 77 Resp: 643538
Ion Ratio Lower Upper
77 100
105 92.6 74.7 112.1
106 88.5 74.2 111.2



#8
Phenol
Concen: 120.448 ng/ul
RT: 6.652 min Scan# 640
Delta R.T. 0.018 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion: 94 Resp: 1639850
Ion Ratio Lower Upper
94 100
65 31.9 25.1 37.7
66 46.6 37.7 56.5





#10

Bis(2-Chloroethyl)ether

Concen: 129.511 ng/ul

RT: 6.863 min Scan# 61

Delta R.T. 0.012 min

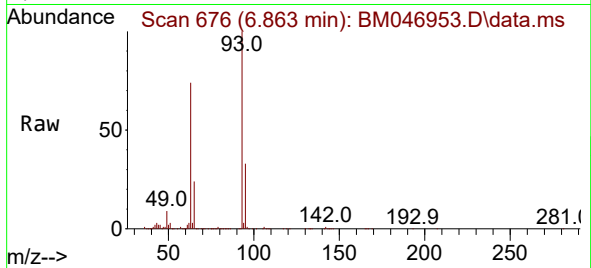
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Instrument :

BNA_M

ClientSampleId :



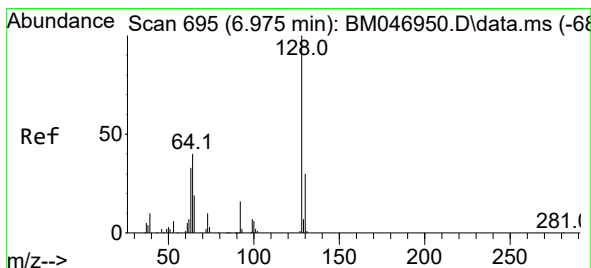
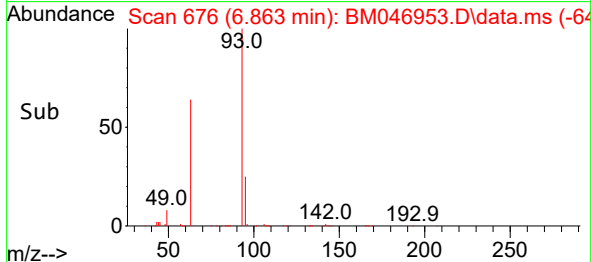
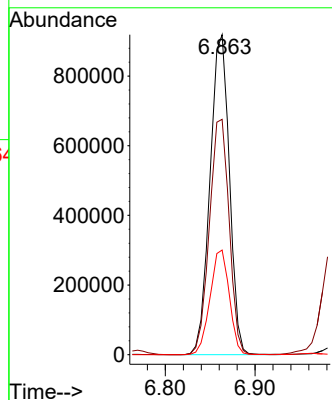
Tgt Ion: 93 Resp: 1377609

Ion Ratio Lower Upper

93 100

63 73.6 59.0 88.6

95 32.7 24.0 36.0



#12

2-Chlorophenol

Concen: 132.524 ng/ul

RT: 6.987 min Scan# 697

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

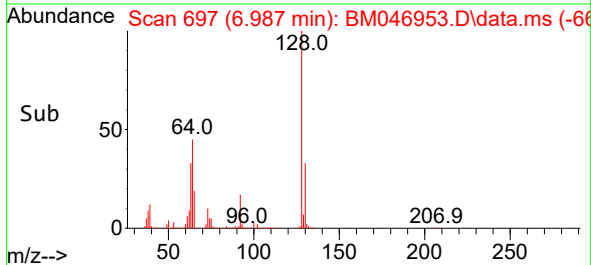
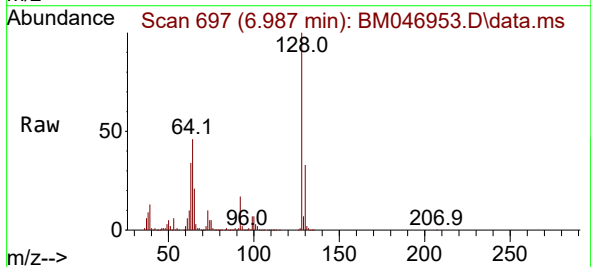
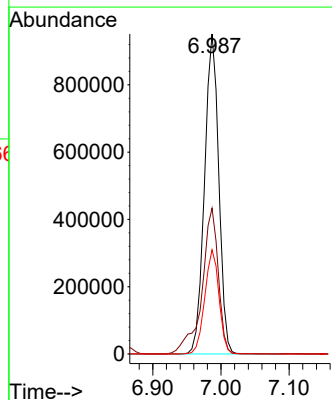
Tgt Ion:128 Resp: 1384124

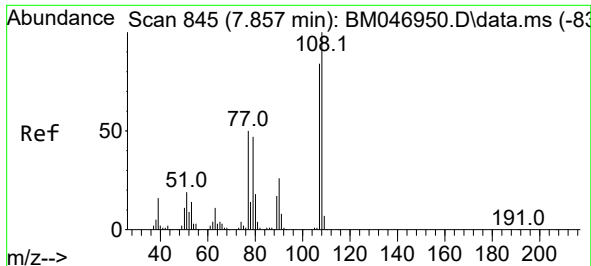
Ion Ratio Lower Upper

128 100

64 45.6 37.0 55.4

130 32.6 24.1 36.1

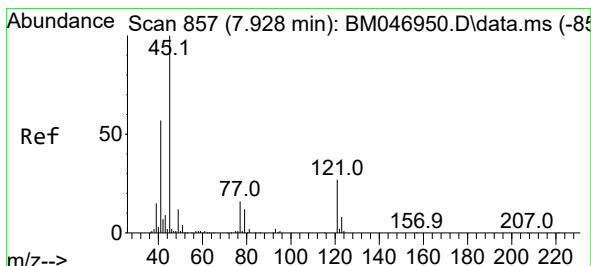
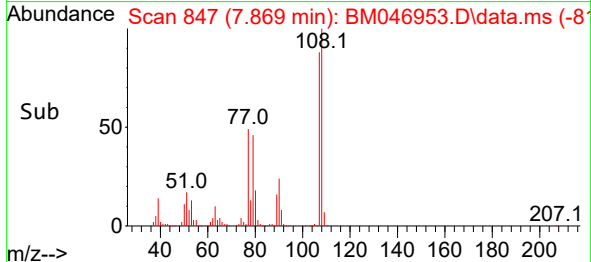
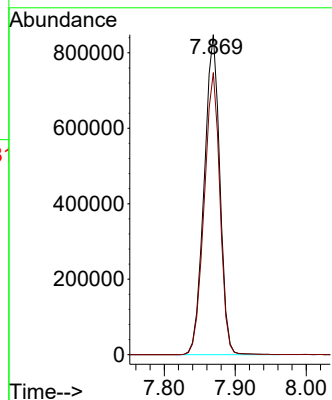
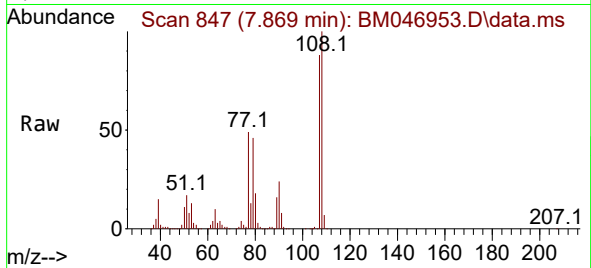




#13
2-Methylphenol
Concen: 159.448 ng/ul
RT: 7.869 min Scan# 845
Delta R.T. 0.012 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

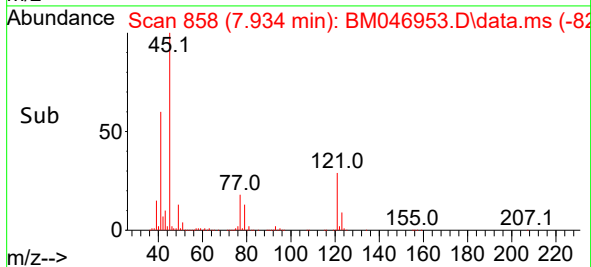
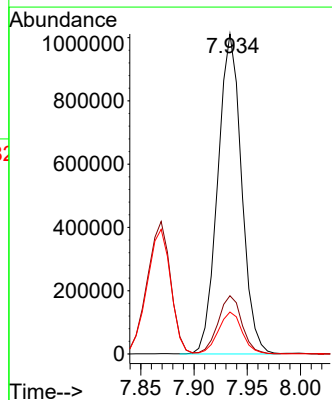
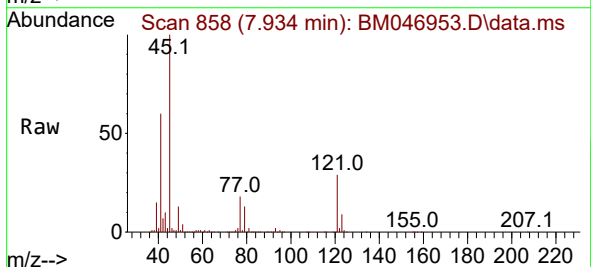
Instrument :
BNA_M
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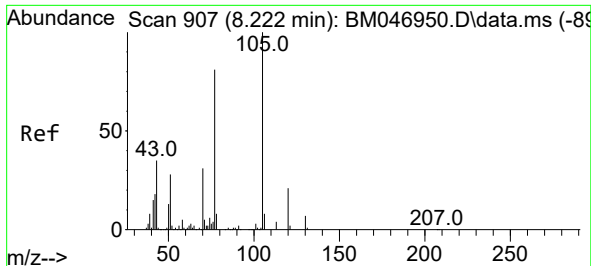
Tgt Ion:108 Resp: 1300766
Ion Ratio Lower Upper
108 100
107 88.1 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 149.447 ng/ul
RT: 7.934 min Scan# 858
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion: 45 Resp: 1569522
Ion Ratio Lower Upper
45 100
77 18.2 13.2 19.8
79 13.1 9.8 14.6

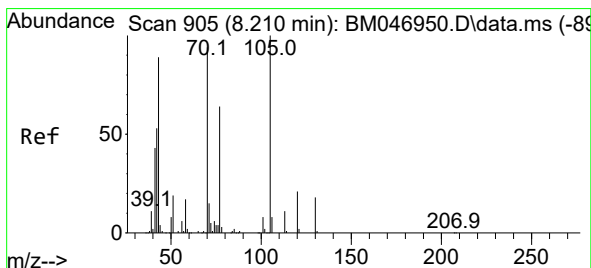
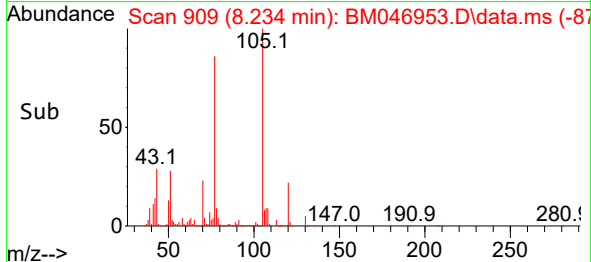
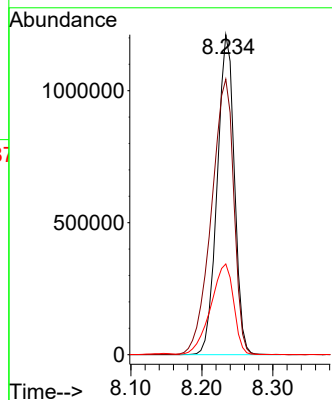
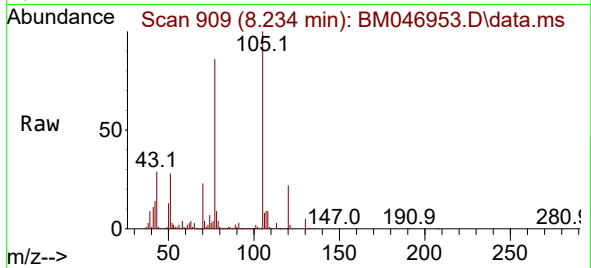




#16
Acetophenone
Concen: 145.964 ng/ul
RT: 8.234 min Scan# 907
Delta R.T. 0.012 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

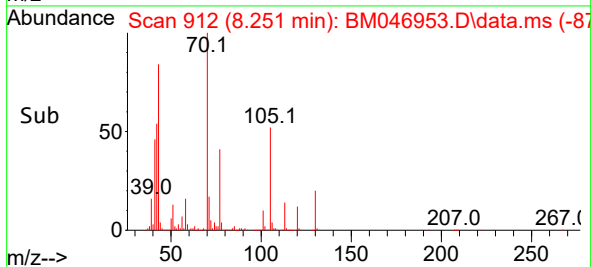
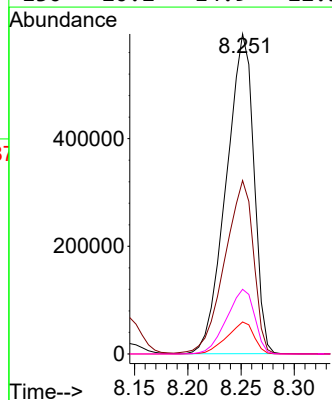
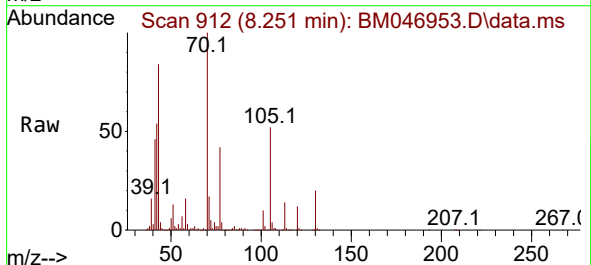
Instrument :
BNA_M
ClientSampleId :

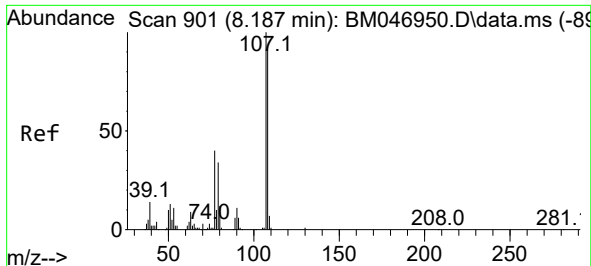
Tgt Ion:105 Resp: 2032291
Ion Ratio Lower Upper
105 100
77 86.1 66.1 99.1
51 28.4 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 167.374 ng/ul
RT: 8.251 min Scan# 912
Delta R.T. 0.041 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion: 70 Resp: 1072583
Ion Ratio Lower Upper
70 100
42 54.2 45.8 68.8
101 10.0 6.9 10.3
130 20.2 14.9 22.3

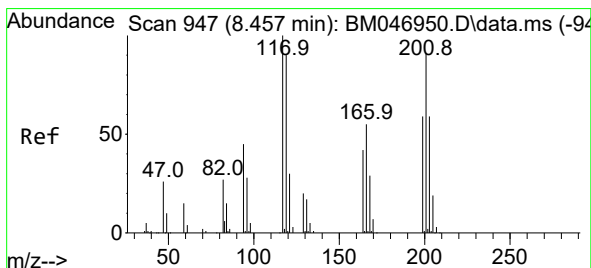
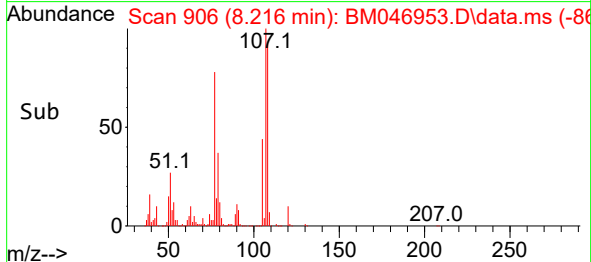
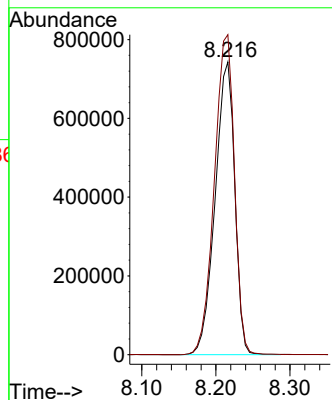
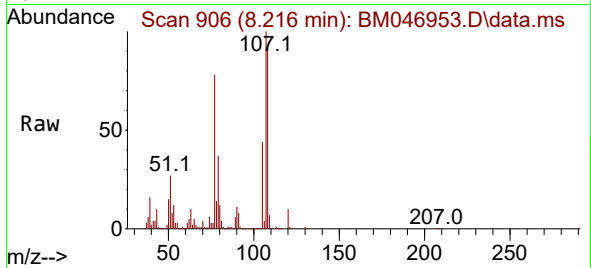




#18
4-Methylphenol
Concen: 155.158 ng/ul
RT: 8.216 min Scan# 901
Delta R.T. 0.030 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

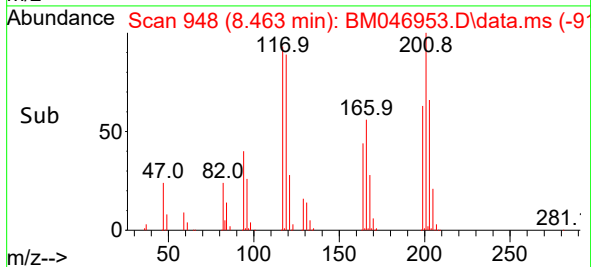
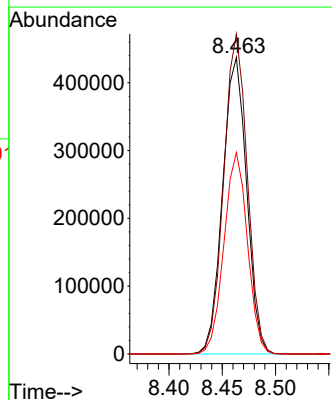
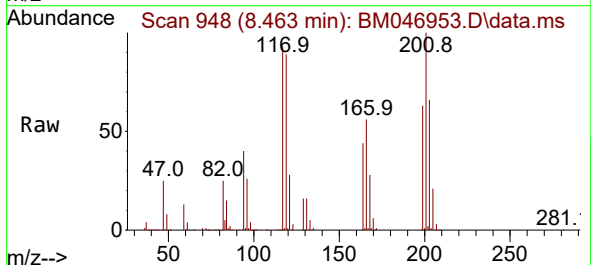
Instrument :
BNA_M
ClientSampleId :

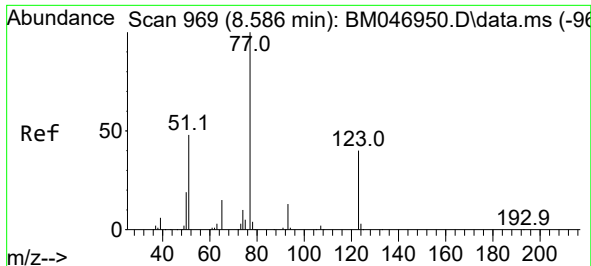
Tgt Ion:108 Resp: 1367704
Ion Ratio Lower Upper
108 100
107 109.3 86.4 129.6



#19
Hexachloroethane
Concen: 153.503 ng/ul
RT: 8.463 min Scan# 948
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

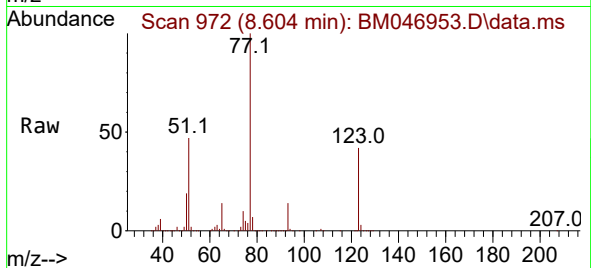
Tgt Ion:117 Resp: 684848
Ion Ratio Lower Upper
117 100
201 107.9 72.7 109.1
199 68.0 46.9 70.3



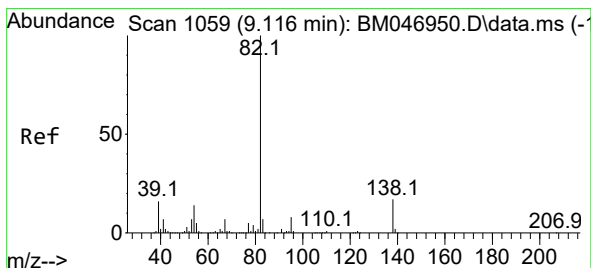
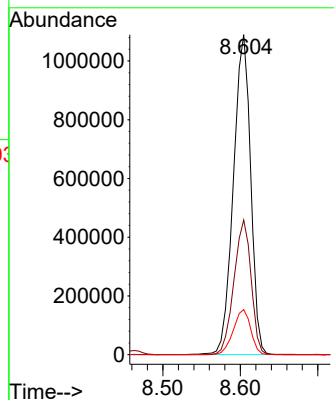
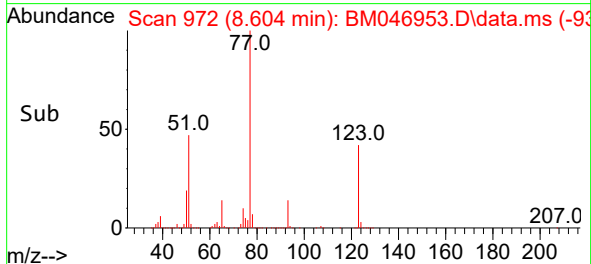


#22
Nitrobenzene
Concen: 145.878 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. 0.018 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Instrument :
BNA_M
ClientSampleId :

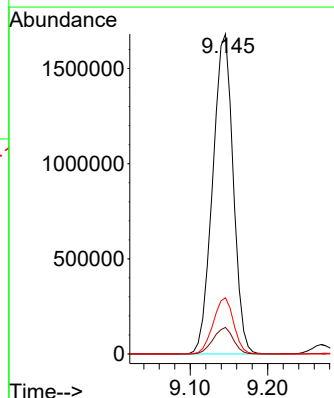
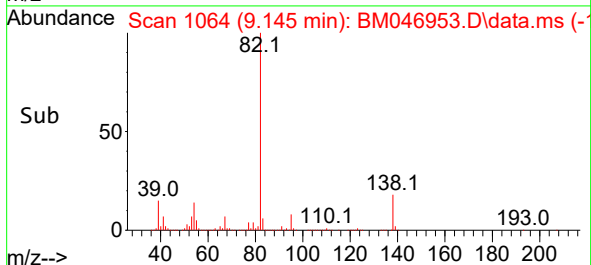
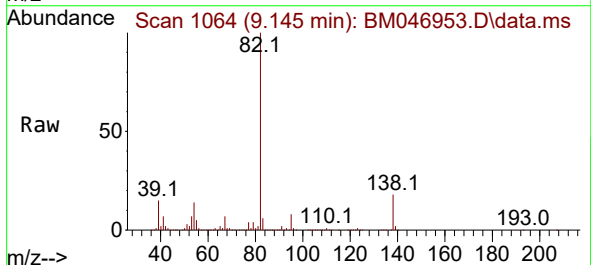


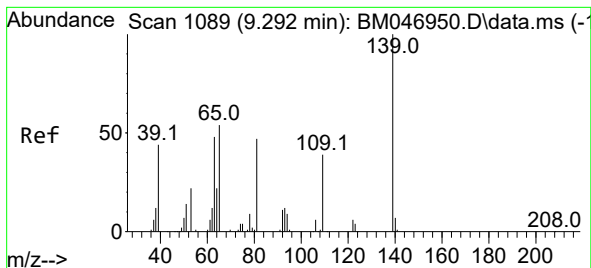
Tgt Ion: 77 Resp: 1685779
Ion Ratio Lower Upper
77 100
123 42.1 31.4 47.2
65 14.1 12.1 18.1



#23
Isophorone
Concen: 141.811 ng/ul
RT: 9.145 min Scan# 1064
Delta R.T. 0.030 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion: 82 Resp: 3085351
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 17.5 13.6 20.4





#25

2-Nitrophenol

Concen: 128.309 ng/ul

RT: 9.304 min Scan# 1105

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

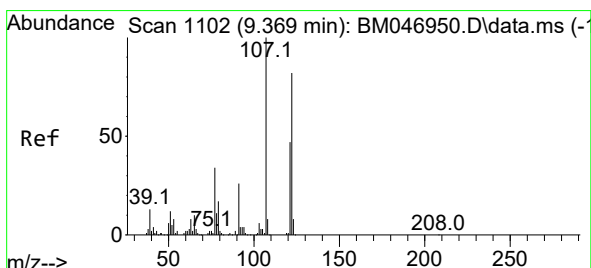
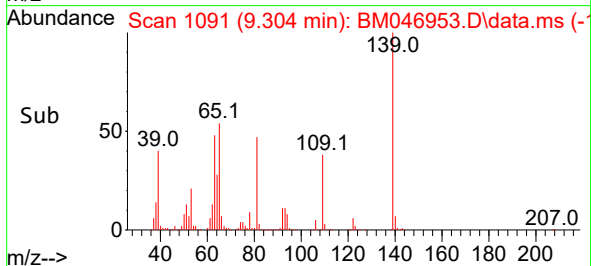
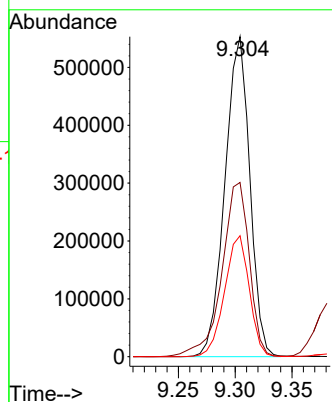
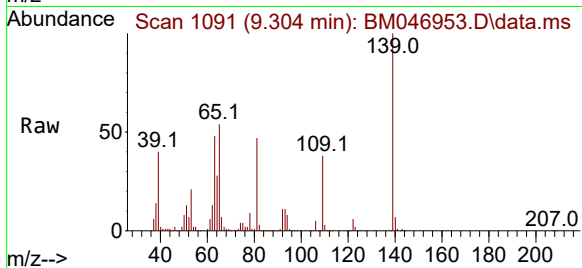
Tgt Ion:139 Resp: 843125

Ion Ratio Lower Upper

139 100

65 54.5 45.1 67.7

109 37.8 30.9 46.3



#26

2,4-Dimethylphenol

Concen: 129.412 ng/ul

RT: 9.387 min Scan# 1105

Delta R.T. 0.018 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

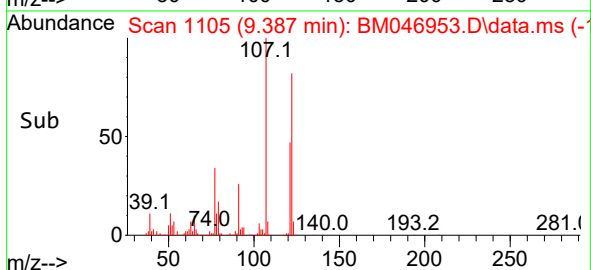
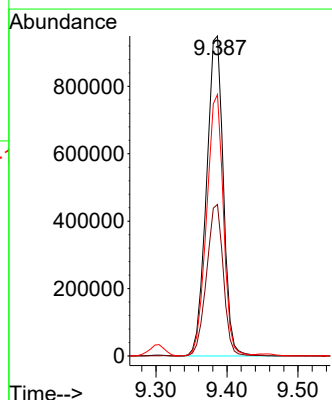
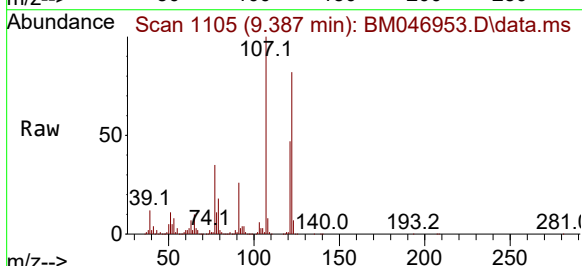
Tgt Ion:107 Resp: 1571369

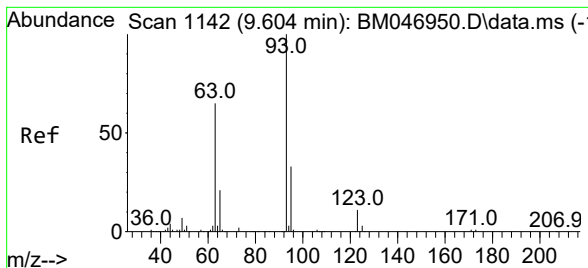
Ion Ratio Lower Upper

107 100

121 47.4 37.3 55.9

122 81.7 65.8 98.6





#27

Bis(2-Chloroethoxy)methane

Concen: 156.252 ng/ul

RT: 9.616 min Scan# 1144

Delta R.T. 0.012 min

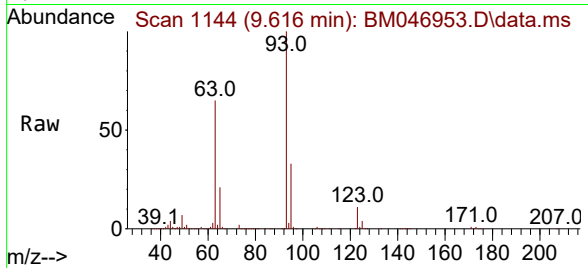
Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :



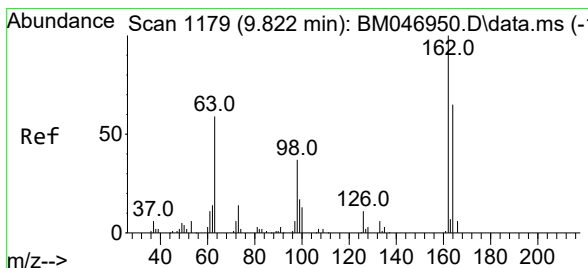
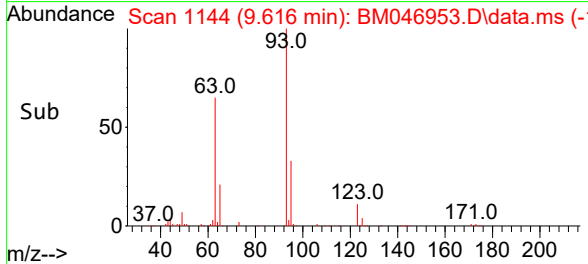
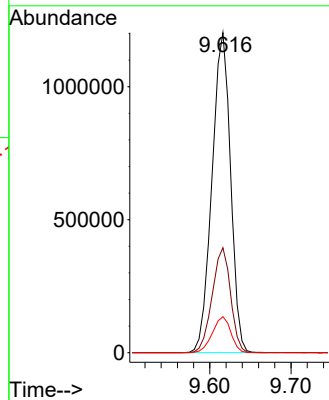
Tgt Ion: 93 Resp: 1907488

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.3 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 125.359 ng/ul

RT: 9.834 min Scan# 1181

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

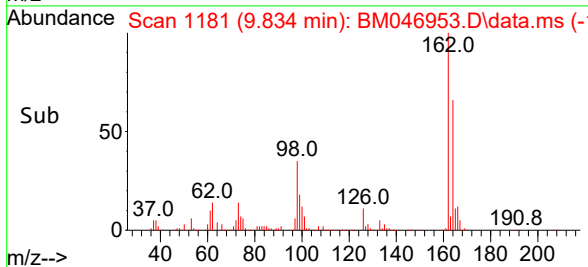
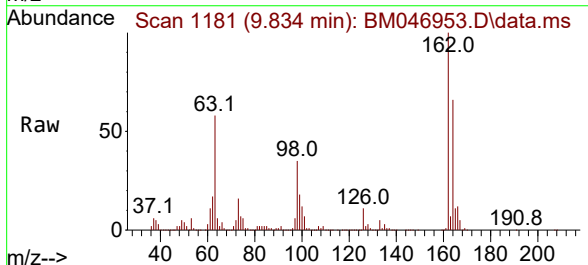
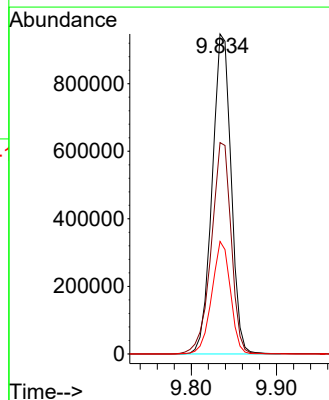
Tgt Ion:162 Resp: 1461478

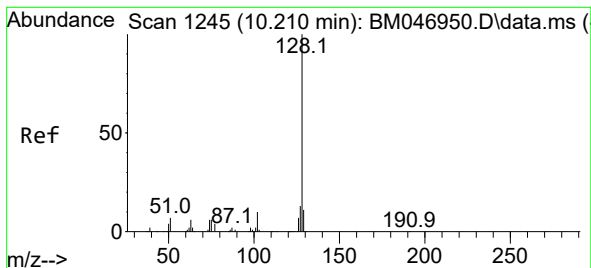
Ion Ratio Lower Upper

162 100

164 66.1 53.3 79.9

98 35.1 29.6 44.4

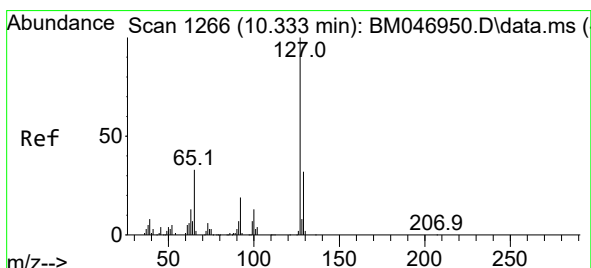
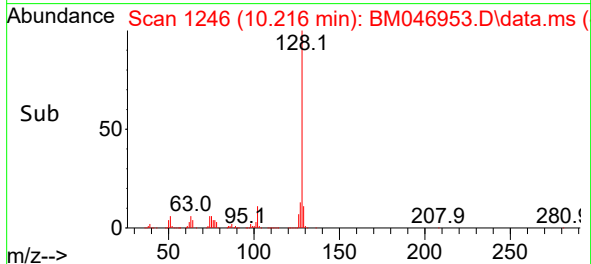
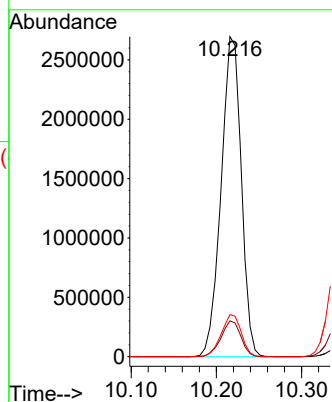
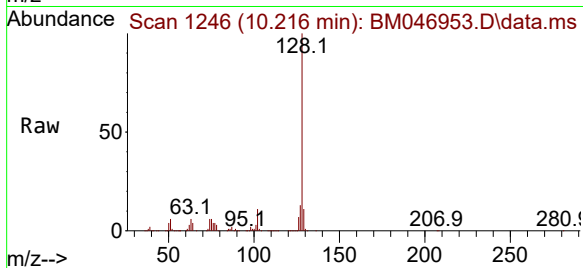




#30
Naphthalene
Concen: 149.188 ng/ul
RT: 10.216 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

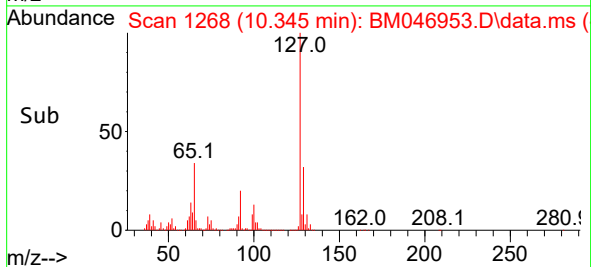
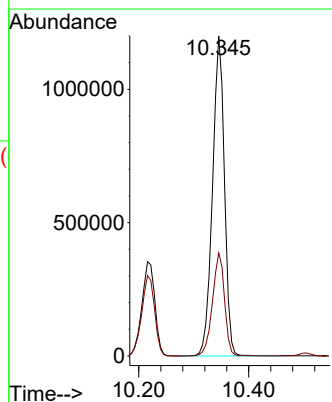
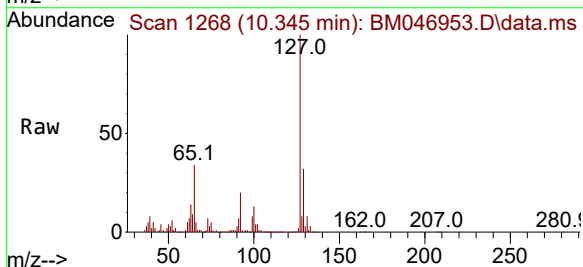
Instrument :
BNA_M
ClientSampleId :

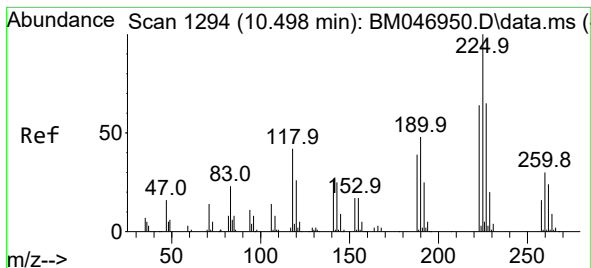
Tgt Ion:128 Resp: 4436937
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 147.476 ng/ul
RT: 10.345 min Scan# 1268
Delta R.T. 0.012 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:127 Resp: 1808148
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4

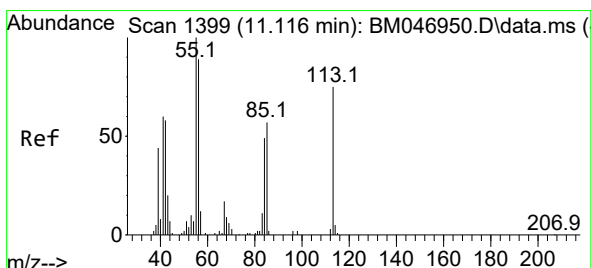
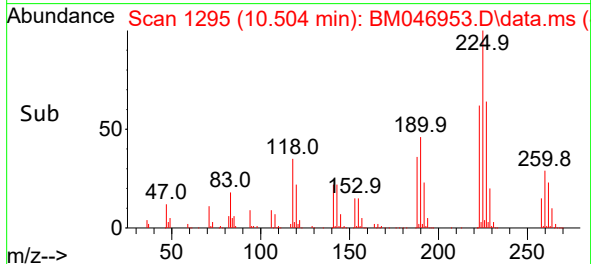
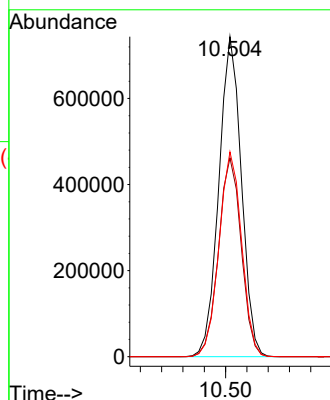
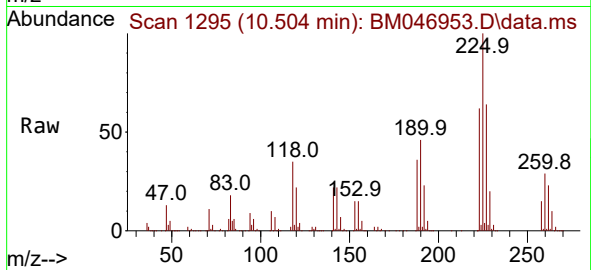




#33
Hexachlorobutadiene
Concen: 115.977 ng/ul
RT: 10.504 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

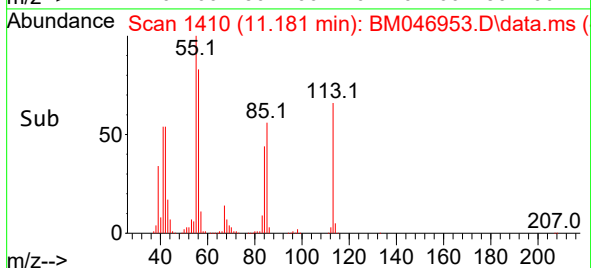
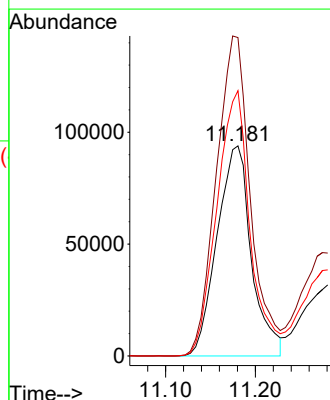
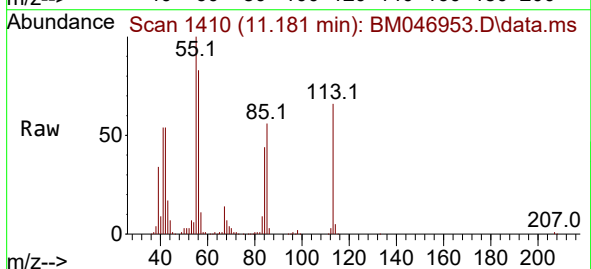
Instrument :
BNA_M
ClientSampleId :

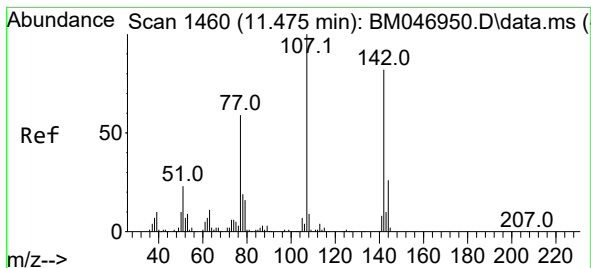
Tgt Ion:225 Resp: 1090254
Ion Ratio Lower Upper
225 100
223 62.1 51.0 76.6
227 64.0 52.3 78.5



#34
Caprolactam
Concen: 86.149 ng/ul
RT: 11.181 min Scan# 1410
Delta R.T. 0.065 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:113 Resp: 249588
Ion Ratio Lower Upper
113 100
55 151.5 106.3 159.5
56 126.2 94.6 141.8

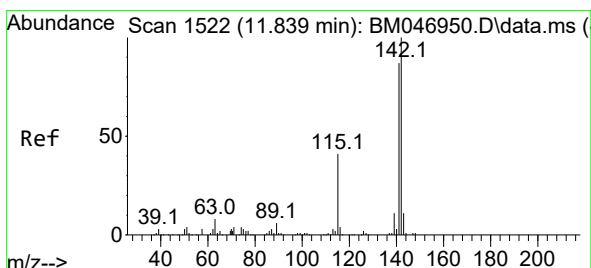
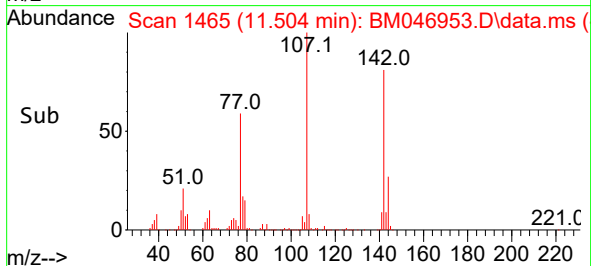
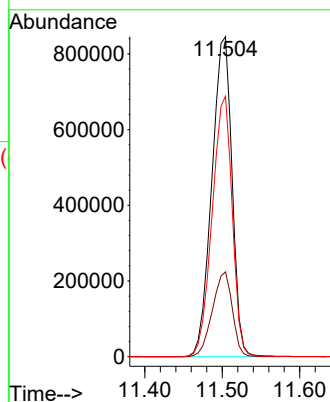
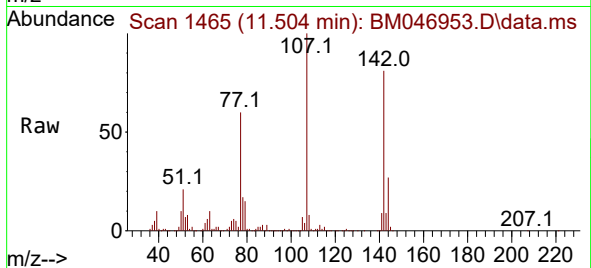




#35
4-Chloro-3-methylphenol
Concen: 160.903 ng/ul
RT: 11.504 min Scan# 1465
Delta R.T. 0.030 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

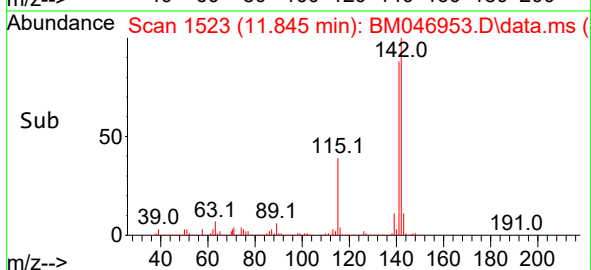
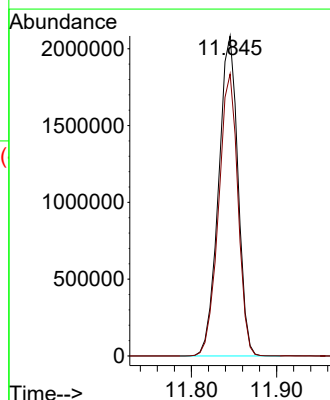
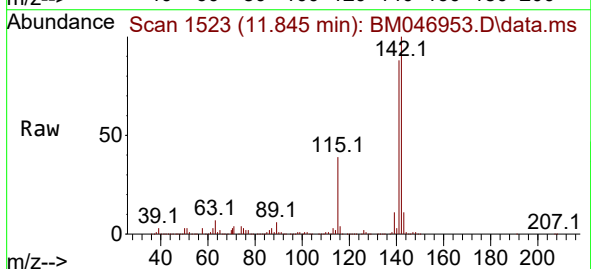
Instrument :
BNA_M
ClientSampleId :

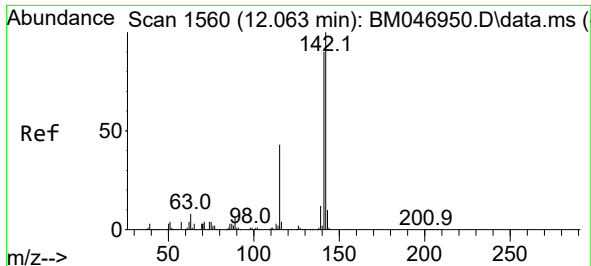
Tgt Ion:107 Resp: 1536778
Ion Ratio Lower Upper
107 100
144 26.5 21.1 31.7
142 81.4 65.3 97.9



#36
2-Methylnaphthalene
Concen: 129.238 ng/ul
RT: 11.845 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:142 Resp: 3287321
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9





#37

1-Methylnaphthalene

Concen: 130.589 ng/ul

RT: 12.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

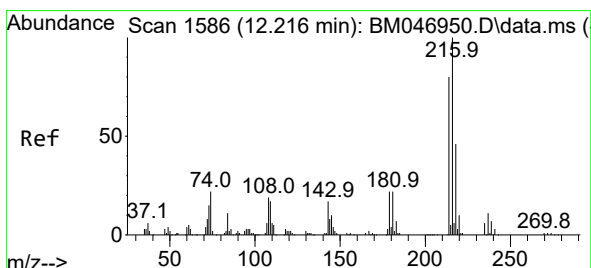
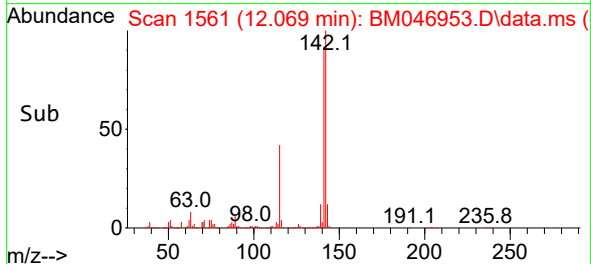
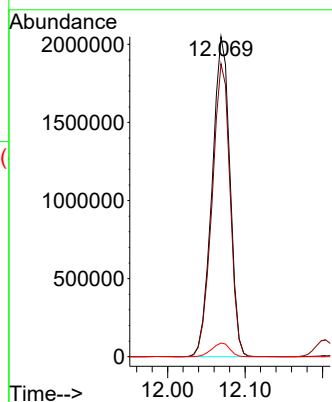
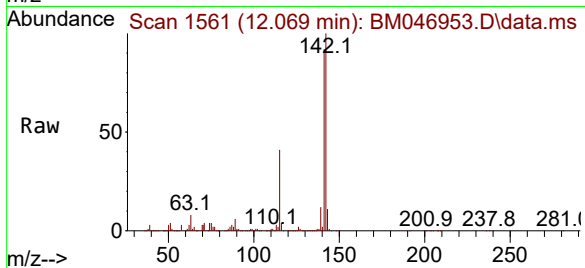
Tgt Ion:142 Resp: 3281074

Ion Ratio Lower Upper

142 100

141 91.6 72.0 108.0

116 4.3 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 133.753 ng/ul

RT: 12.228 min Scan# 1588

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Tgt Ion:216 Resp: 1944430

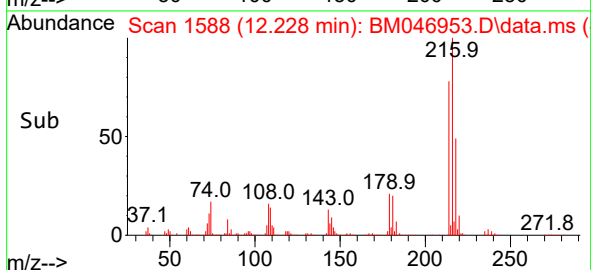
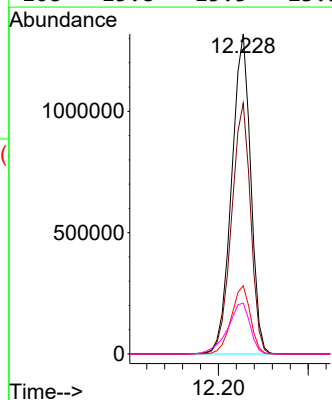
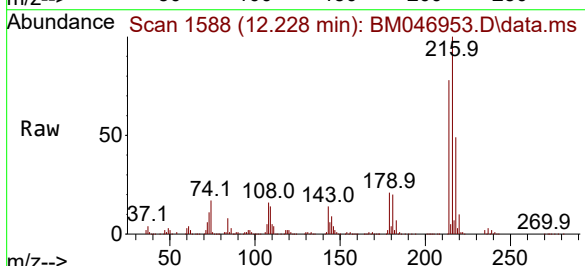
Ion Ratio Lower Upper

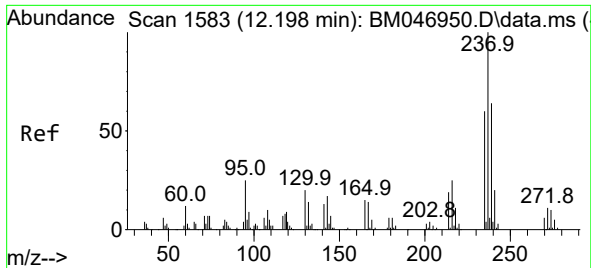
216 100

214 78.4 63.7 95.5

179 21.3 17.3 25.9

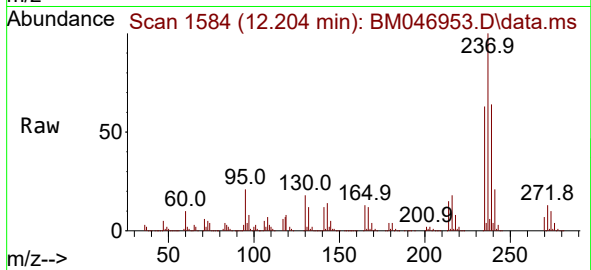
108 15.8 15.5 23.3



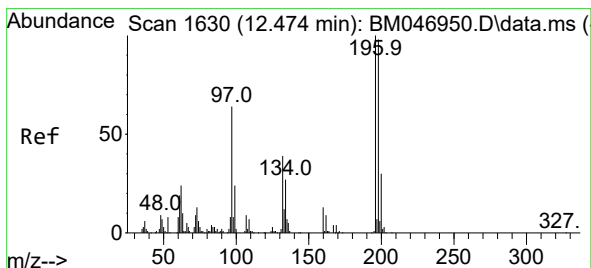
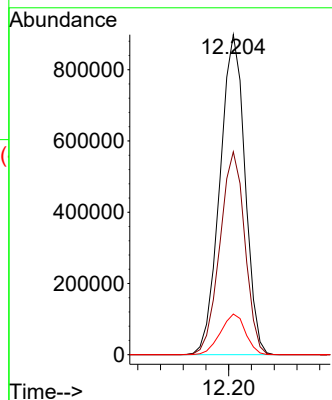
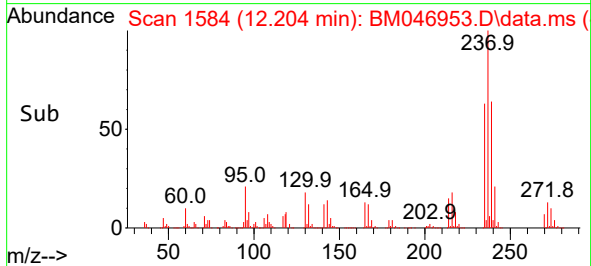


#40
Hexachlorocyclopentadiene
Concen: 161.799 ng/ul
RT: 12.204 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

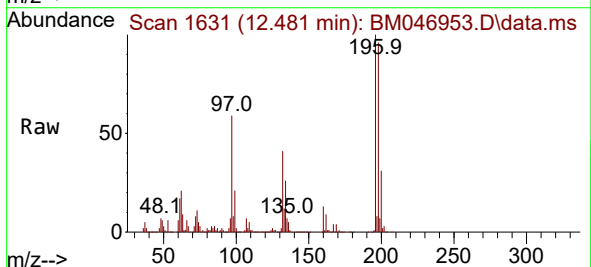
Instrument :
BNA_M
ClientSampleId :



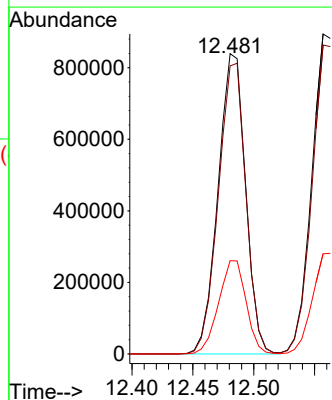
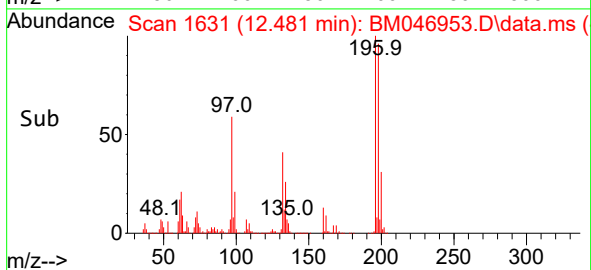
Tgt Ion:237 Resp: 1379347
Ion Ratio Lower Upper
237 100
235 63.4 48.4 72.6
272 12.7 8.8 13.2

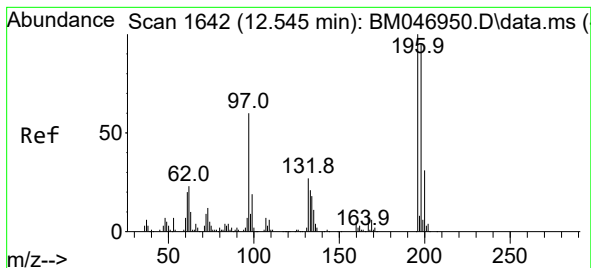


#41
2,4,6-Trichlorophenol
Concen: 145.826 ng/ul
RT: 12.481 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44



Tgt Ion:196 Resp: 1319635
Ion Ratio Lower Upper
196 100
198 95.9 78.7 118.1
200 31.1 23.9 35.9





#42

2,4,5-Trichlorophenol

Concen: 145.130 ng/ul

RT: 12.557 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

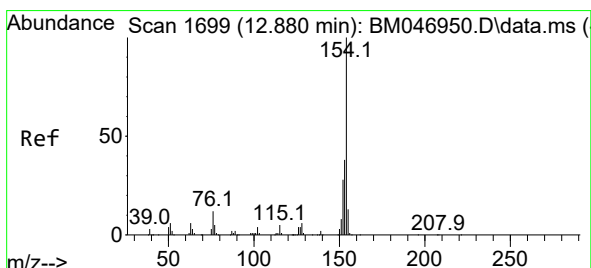
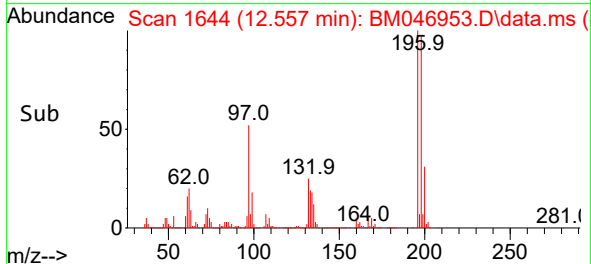
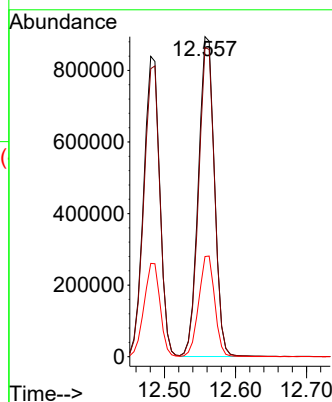
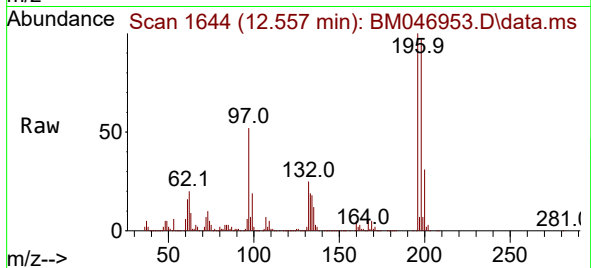
Tgt Ion:196 Resp: 1409331

Ion Ratio Lower Upper

196 100

198 96.6 76.2 114.2

200 31.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 150.224 ng/ul

RT: 12.892 min Scan# 1701

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

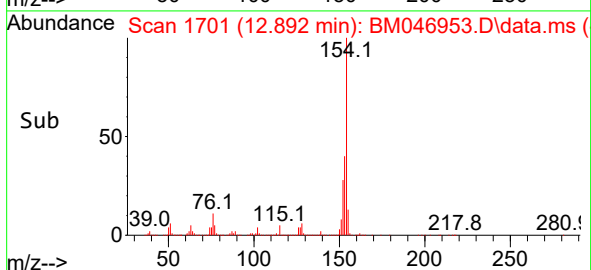
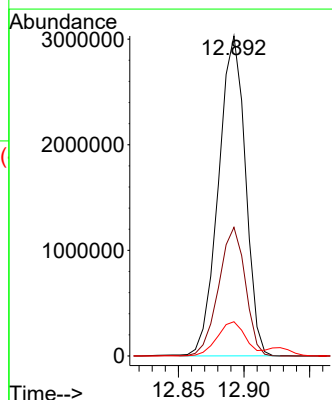
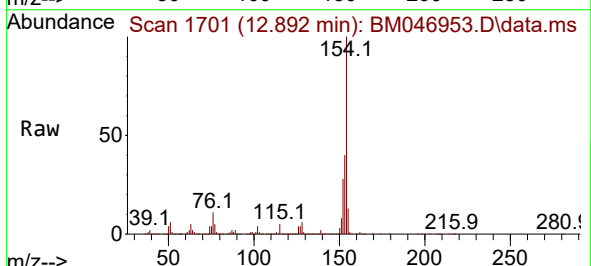
Tgt Ion:154 Resp: 4325254

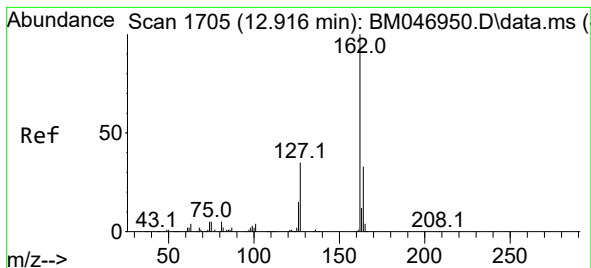
Ion Ratio Lower Upper

154 100

153 40.2 30.7 46.1

76 10.7 9.3 13.9





#44

2-Chloronaphthalene

Concen: 142.886 ng/ul

RT: 12.928 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

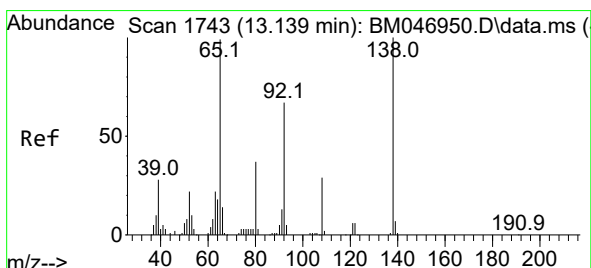
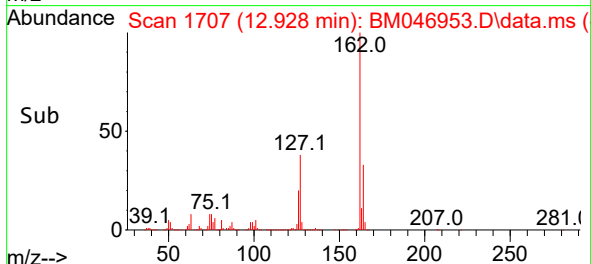
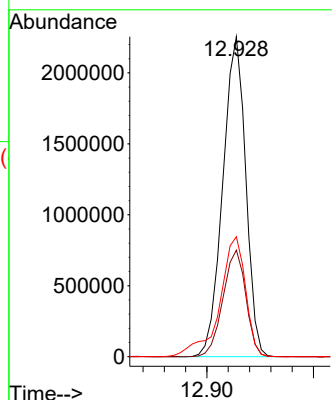
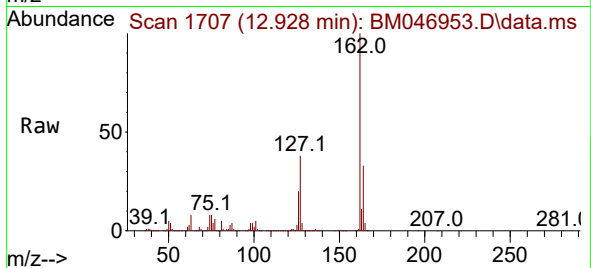
Tgt Ion:162 Resp: 3365300

Ion Ratio Lower Upper

162 100

164 33.3 26.5 39.7

127 37.5 30.6 45.8



#45

2-Nitroaniline

Concen: 180.621 ng/ul

RT: 13.151 min Scan# 1745

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

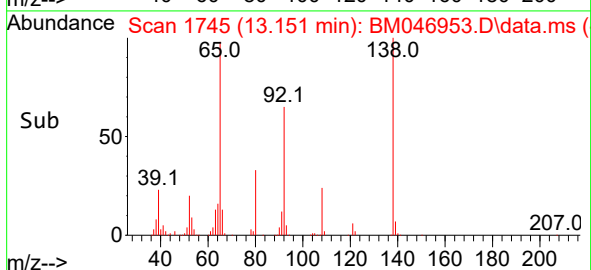
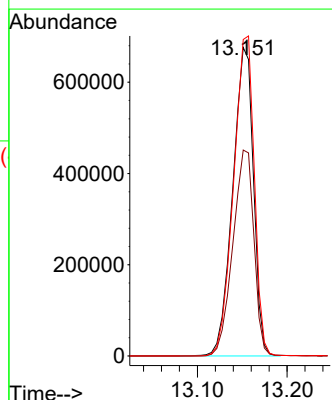
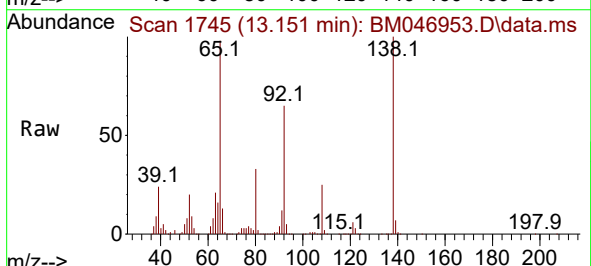
Tgt Ion: 65 Resp: 1087182

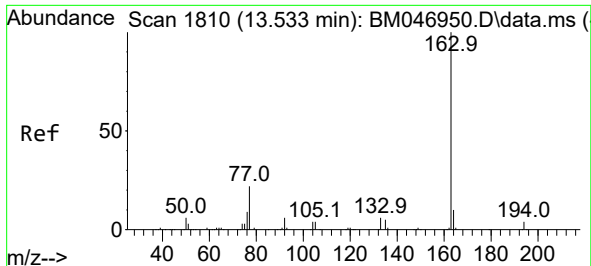
Ion Ratio Lower Upper

65 100

92 66.7 54.0 81.0

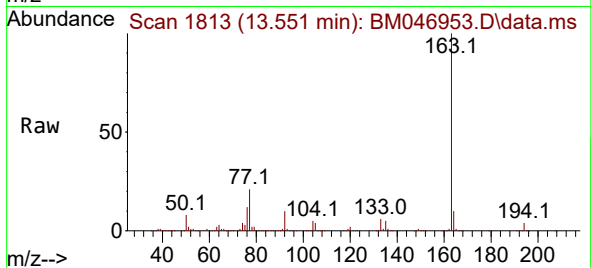
138 102.6 81.0 121.4



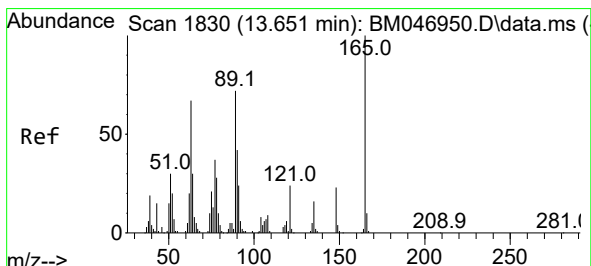
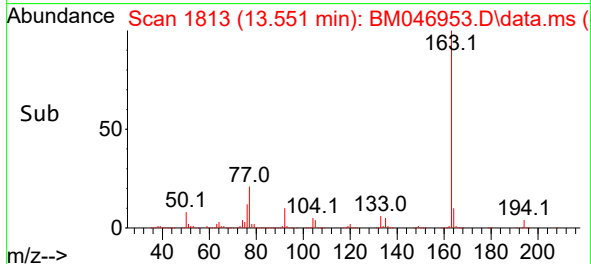
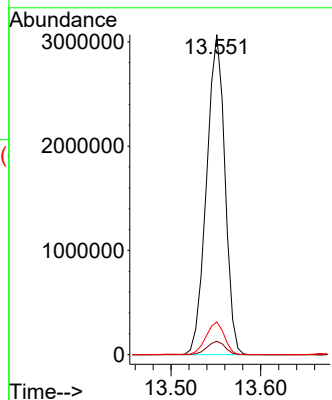


#47
Dimethylphthalate
Concen: 154.502 ng/ul
RT: 13.551 min Scan# 1813
Delta R.T. 0.018 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Instrument :
BNA_M
ClientSampleId :

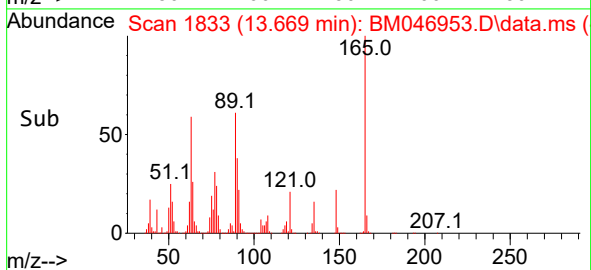
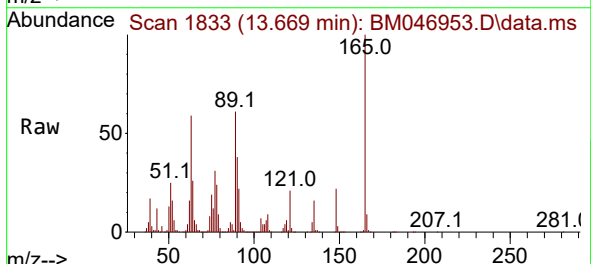
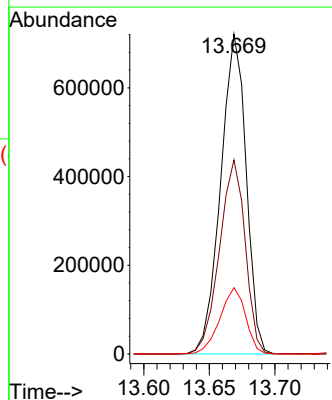


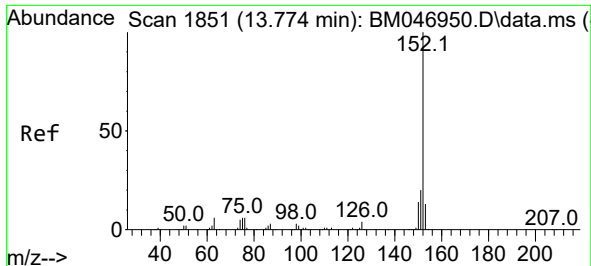
Tgt Ion:163 Resp: 4358015
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 170.724 ng/ul
RT: 13.669 min Scan# 1833
Delta R.T. 0.018 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

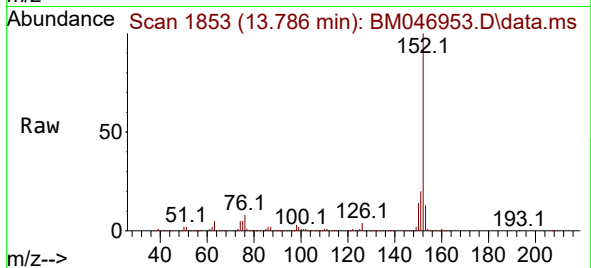
Tgt Ion:165 Resp: 973988
Ion Ratio Lower Upper
165 100
89 60.6 57.8 86.8
121 20.7 19.4 29.0



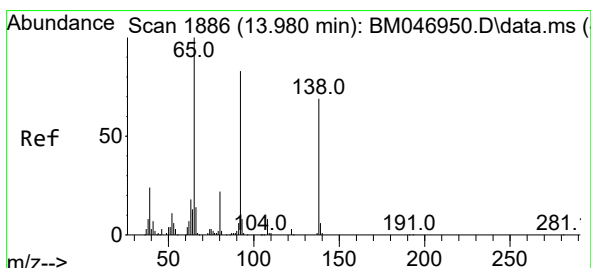
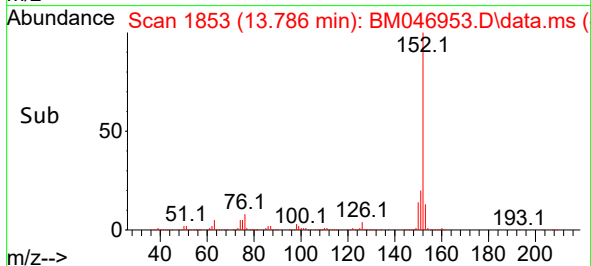
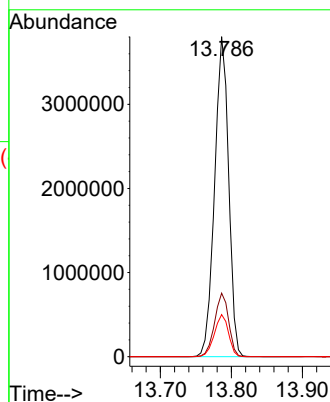


#50
Acenaphthylene
Concen: 161.710 ng/ul
RT: 13.786 min Scan# 1853
Delta R.T. 0.012 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Instrument :
BNA_M
ClientSampleId :

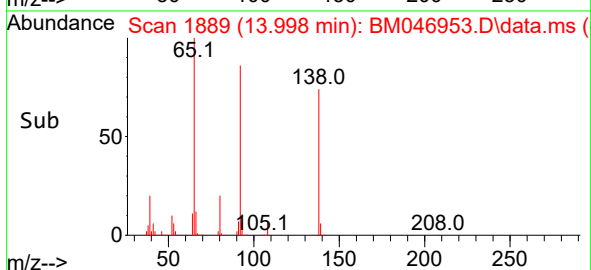
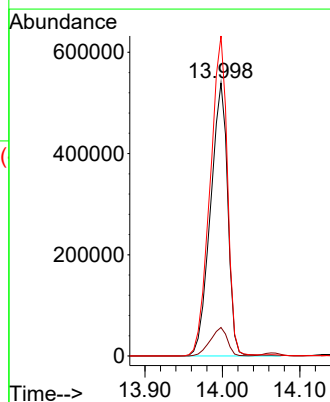
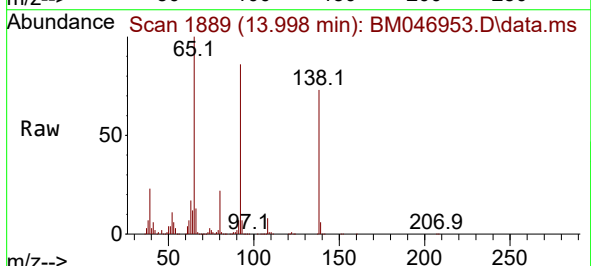


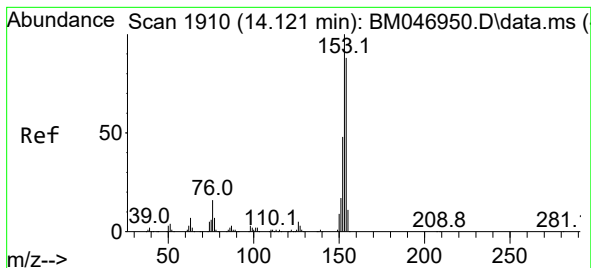
Tgt Ion:152 Resp: 5202797
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.1 15.1



#51
3-Nitroaniline
Concen: 149.255 ng/ul
RT: 13.998 min Scan# 1889
Delta R.T. 0.018 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:138 Resp: 833665
Ion Ratio Lower Upper
138 100
108 10.5 9.4 14.2
92 117.2 96.6 144.8





#52

Acenaphthene

Concen: 159.590 ng/ul

RT: 14.133 min Scan# 1912

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

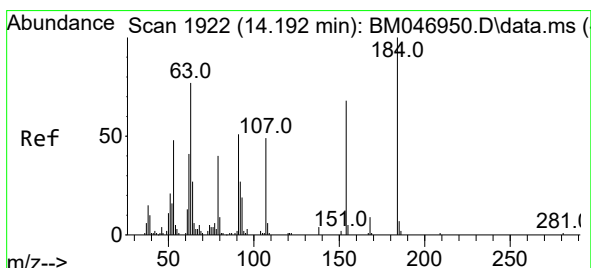
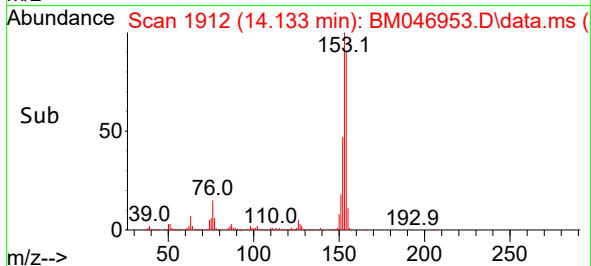
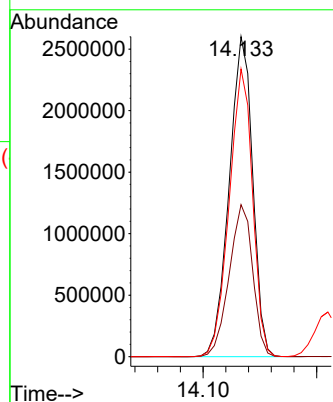
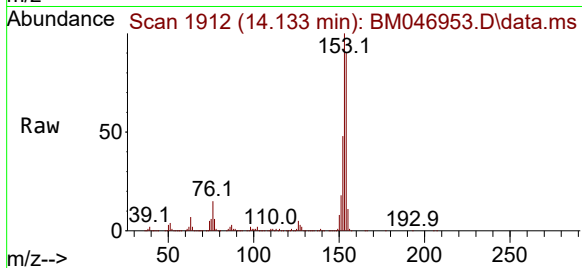
Tgt Ion:153 Resp: 3732528

Ion Ratio Lower Upper

153 100

152 47.5 38.2 57.2

154 89.9 70.1 105.1



#53

2,4-Dinitrophenol

Concen: 172.274 ng/ul

RT: 14.210 min Scan# 1925

Delta R.T. 0.018 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

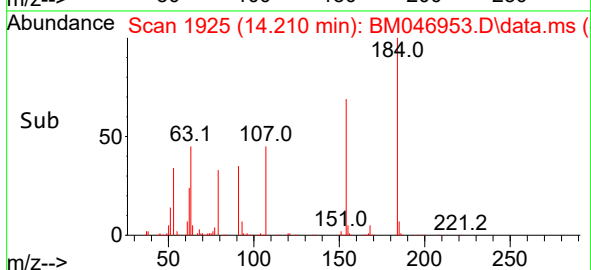
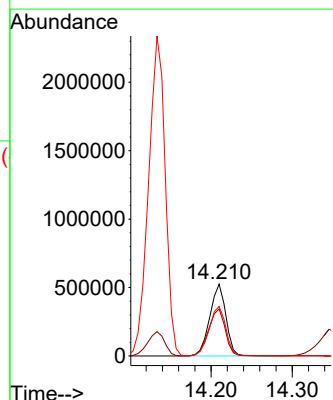
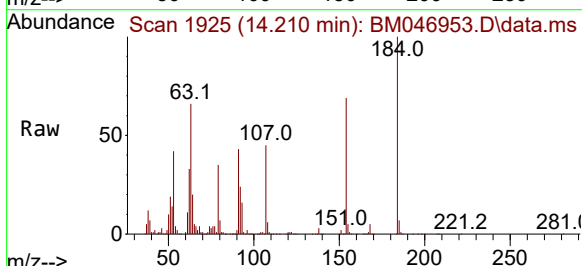
Tgt Ion:184 Resp: 721897

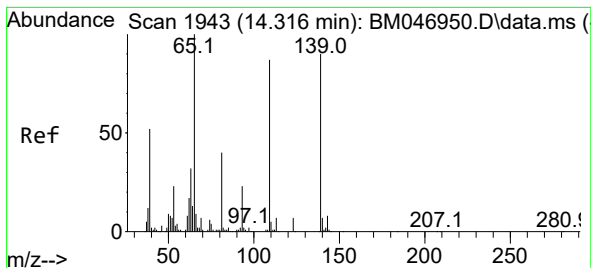
Ion Ratio Lower Upper

184 100

63 65.6 61.9 92.9

154 69.1 55.6 83.4

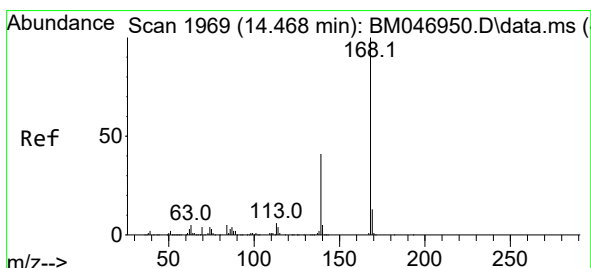
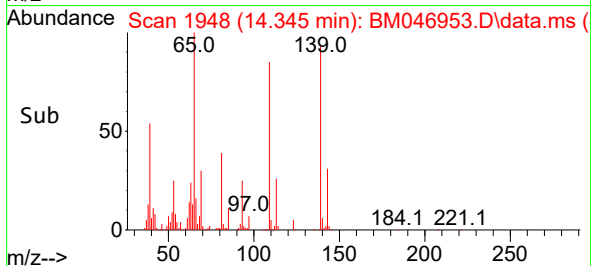
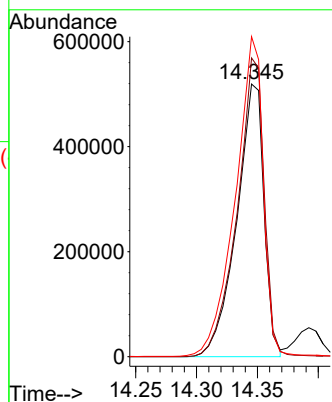
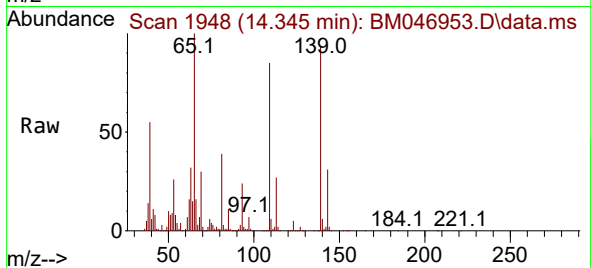




#55
4-Nitrophenol
Concen: 126.753 ng/ul
RT: 14.345 min Scan# 1948
Delta R.T. 0.030 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

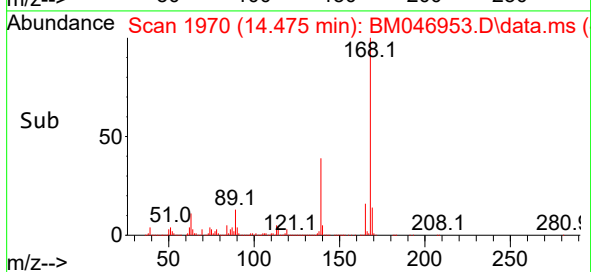
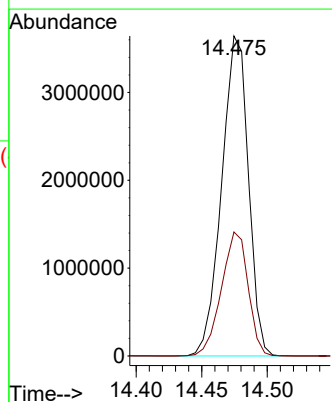
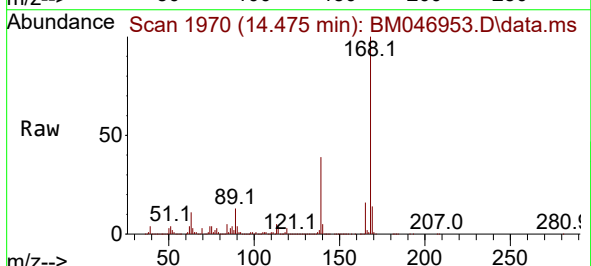
Instrument :
BNA_M
ClientSampleId :

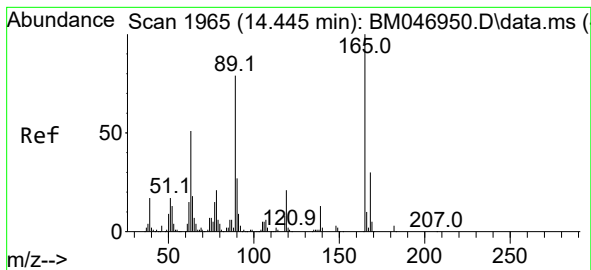
Tgt Ion:109 Resp: 808391
Ion Ratio Lower Upper
109 100
139 109.6 82.3 123.5
65 117.4 92.6 139.0



#56
Dibenzofuran
Concen: 145.233 ng/ul
RT: 14.475 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:168 Resp: 5164524
Ion Ratio Lower Upper
168 100
139 38.8 33.0 49.4

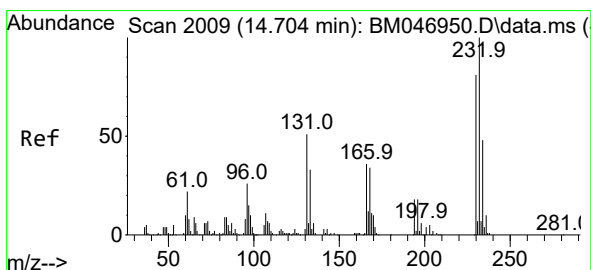
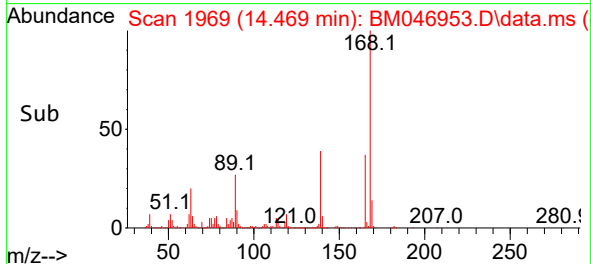
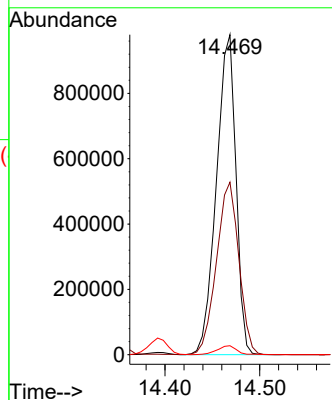
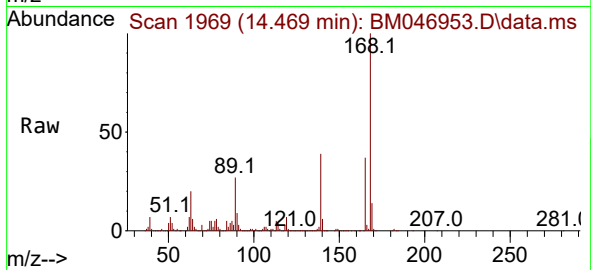




#57
2,4-Dinitrotoluene
Concen: 162.281 ng/ul
RT: 14.469 min Scan# 1965
Delta R.T. 0.024 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

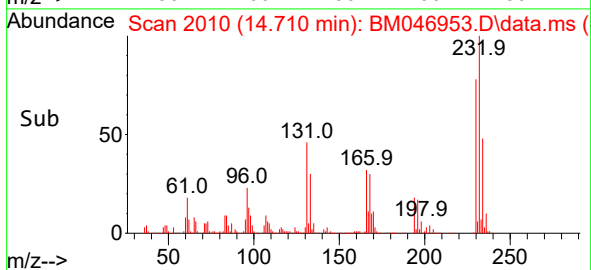
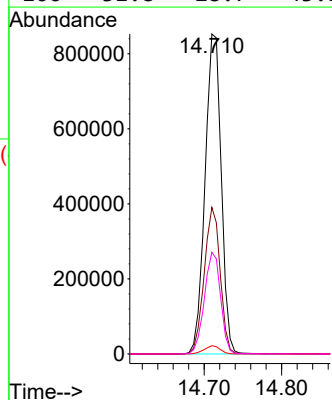
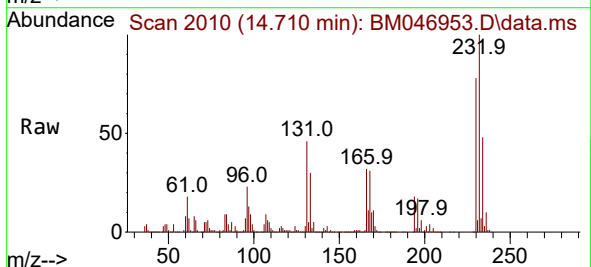
Instrument :
BNA_M
ClientSampleId :

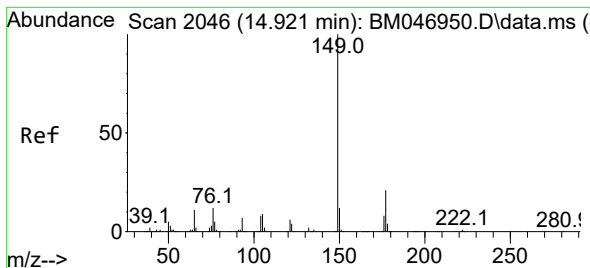
Tgt Ion:165 Resp: 1405212
Ion Ratio Lower Upper
165 100
63 53.9 41.4 62.0
182 2.8 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 146.836 ng/ul
RT: 14.710 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:232 Resp: 1238698
Ion Ratio Lower Upper
232 100
131 45.8 40.8 61.2
130 2.6 2.6 3.8
166 31.8 28.7 43.1





#59

Diethylphthalate

Concen: 154.517 ng/ul

RT: 14.933 min Scan# 2048

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

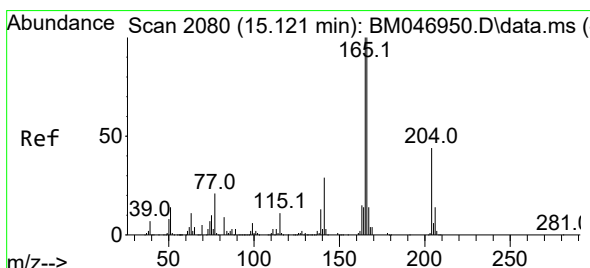
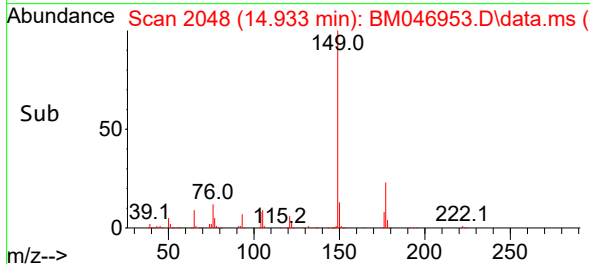
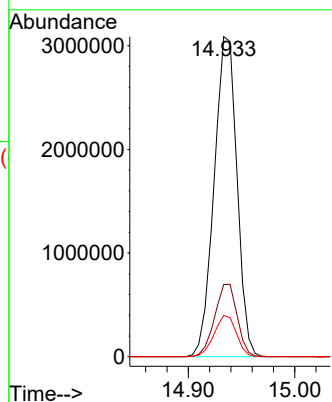
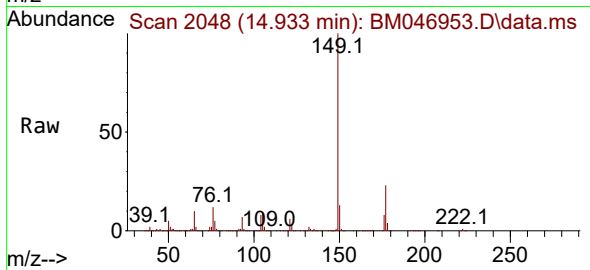
Tgt Ion:149 Resp: 4594079

Ion Ratio Lower Upper

149 100

177 22.5 16.5 24.7

150 12.9 9.7 14.5



#61

Fluorene

Concen: 146.817 ng/ul

RT: 15.133 min Scan# 2082

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

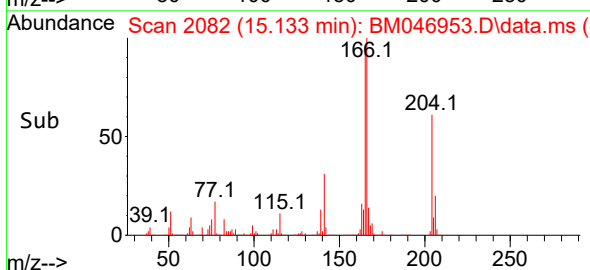
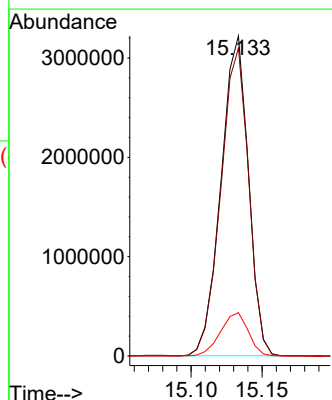
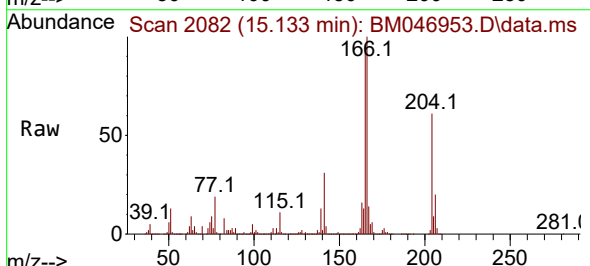
Tgt Ion:166 Resp: 4333534

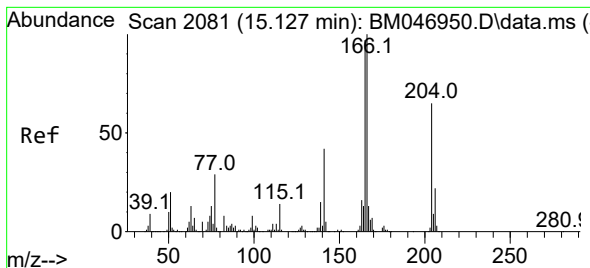
Ion Ratio Lower Upper

166 100

165 96.2 79.5 119.3

167 13.6 11.5 17.3

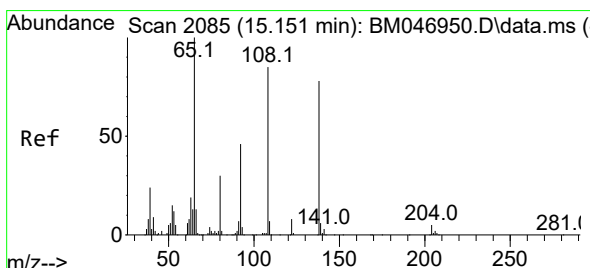
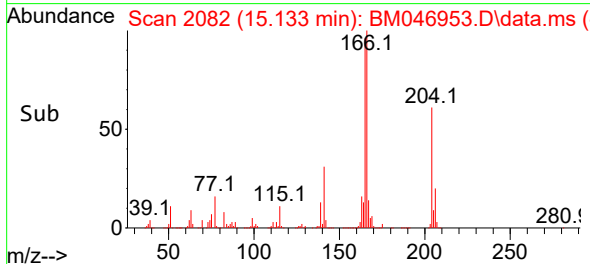
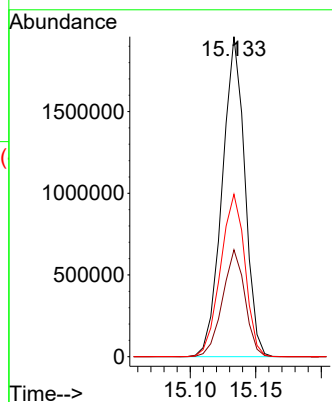
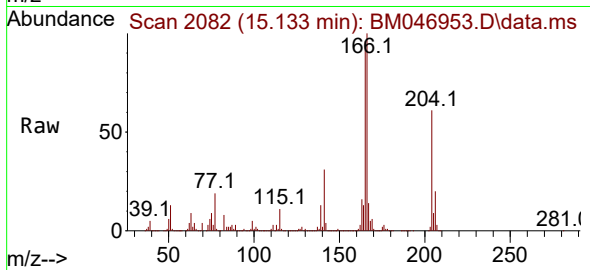




#62
4-Chlorophenyl-phenylether
Concen: 142.694 ng/ul
RT: 15.133 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

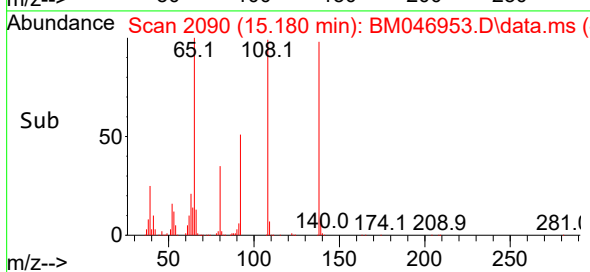
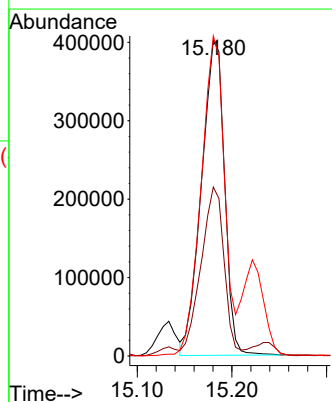
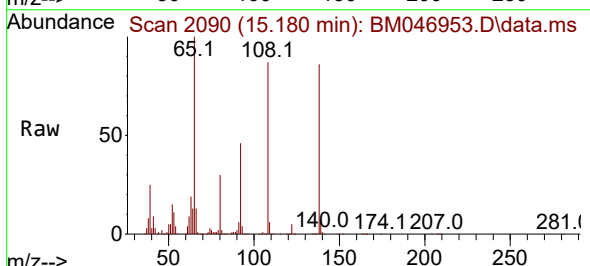
Instrument :
BNA_M
ClientSampleId :

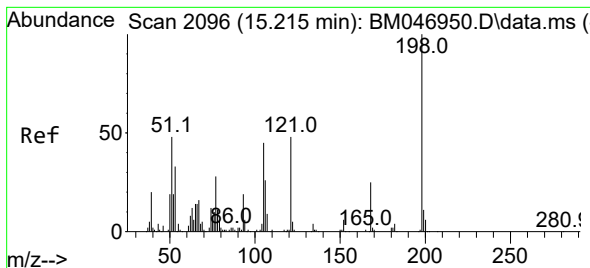
Tgt Ion:204 Resp: 2347686
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 50.8 52.2 78.4#



#63
4-Nitroaniline
Concen: 117.917 ng/ul
RT: 15.180 min Scan# 2090
Delta R.T. 0.030 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:138 Resp: 679219
Ion Ratio Lower Upper
138 100
92 53.5 47.7 71.5
108 101.3 87.3 130.9

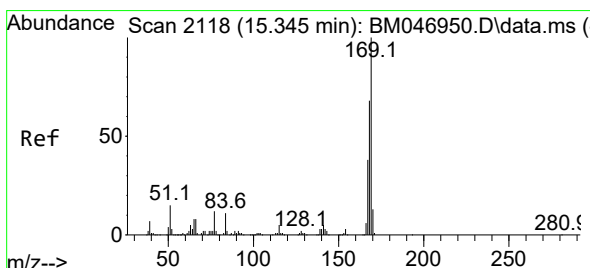
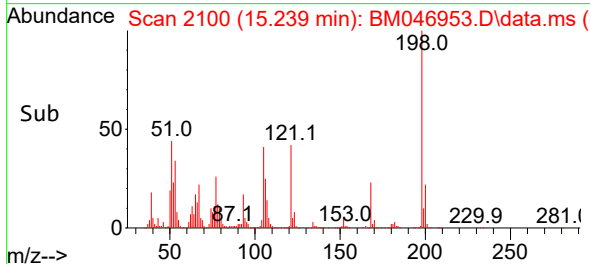
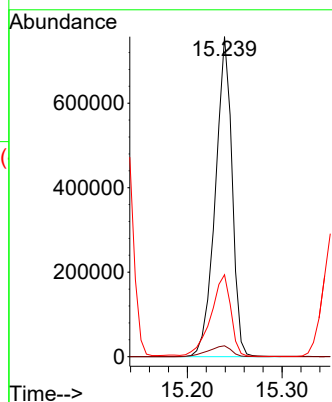
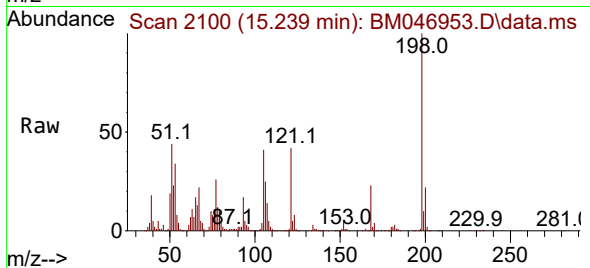




#66
4,6-Dinitro-2-methylphenol
Concen: 154.760 ng/ul
RT: 15.239 min Scan# 2100
Delta R.T. 0.024 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

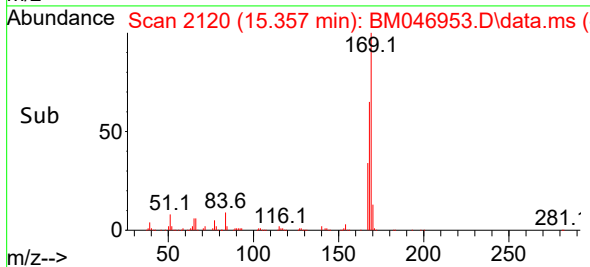
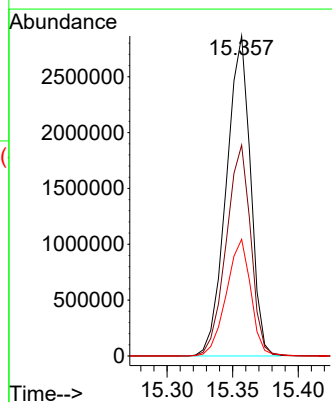
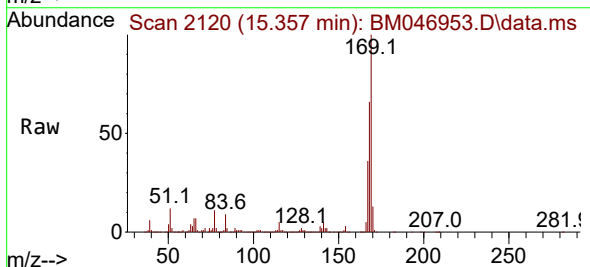
Instrument :
BNA_M
ClientSampleId :

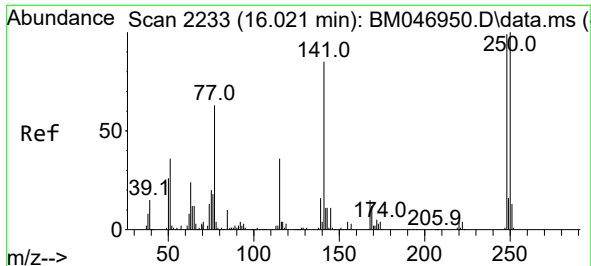
Tgt Ion:198 Resp: 928350
Ion Ratio Lower Upper
198 100
182 3.4 3.6 5.4#
77 25.6 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 157.351 ng/ul
RT: 15.357 min Scan# 2120
Delta R.T. 0.012 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:169 Resp: 3668893
Ion Ratio Lower Upper
169 100
168 65.9 54.0 81.0
167 36.4 30.2 45.2

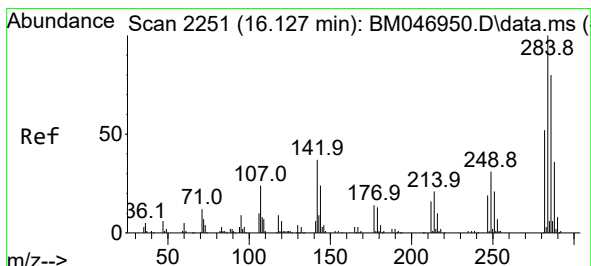
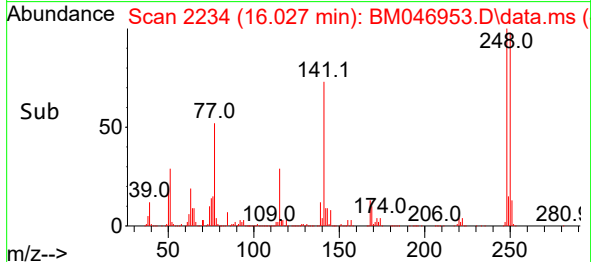
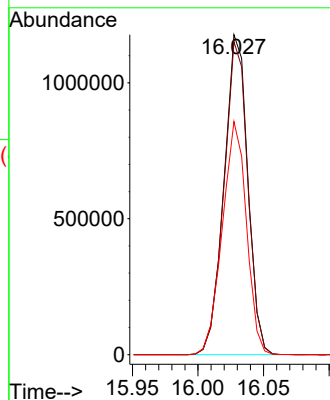
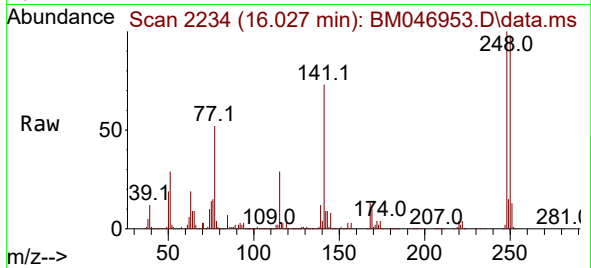




#68
4-Bromophenyl-phenylether
Concen: 150.018 ng/ul
RT: 16.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

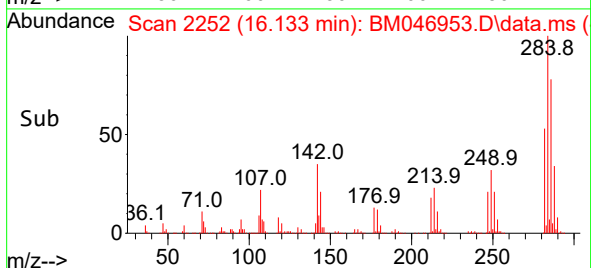
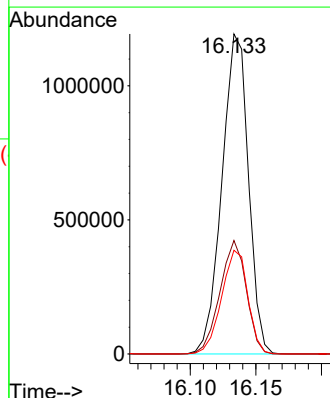
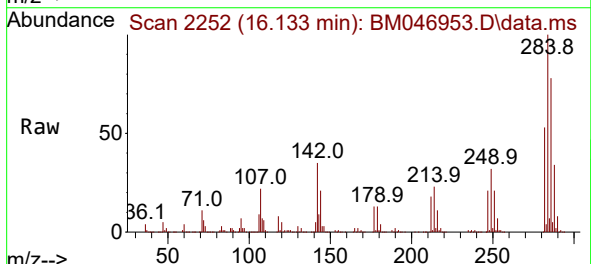
Instrument :
BNA_M
ClientSampleId :

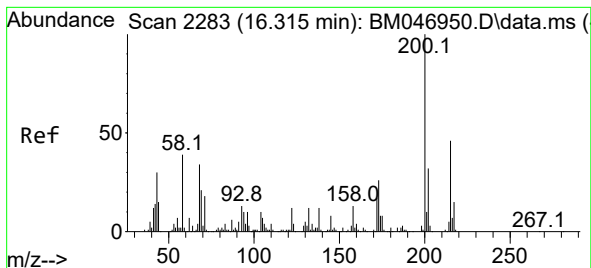
Tgt Ion:248 Resp: 1490269
Ion Ratio Lower Upper
248 100
250 97.8 80.7 121.1
141 72.9 68.6 103.0



#69
Hexachlorobenzene
Concen: 142.729 ng/ul
RT: 16.133 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:284 Resp: 1674955
Ion Ratio Lower Upper
284 100
142 35.4 30.0 45.0
249 32.4 24.6 36.8





#70

Atrazine

Concen: 156.023 ng/ul

RT: 16.333 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

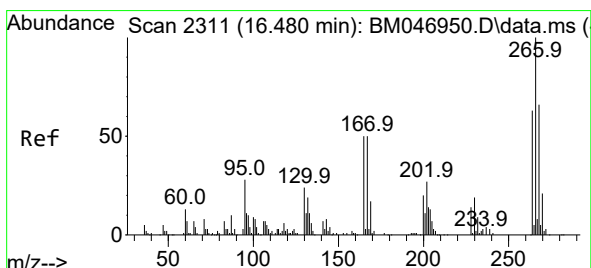
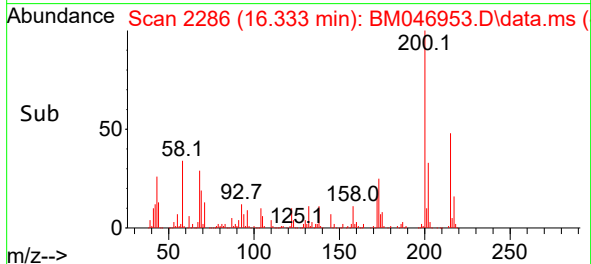
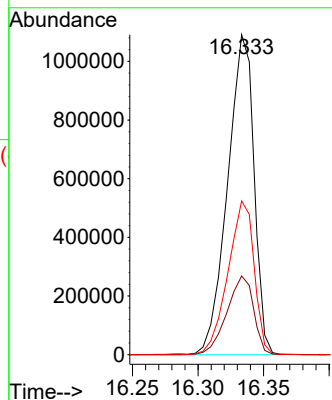
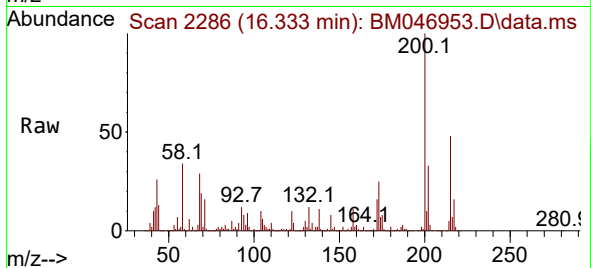
Tgt Ion:200 Resp: 1529652

Ion Ratio Lower Upper

200 100

173 24.6 21.4 32.0

215 48.0 36.7 55.1



#71

Pentachlorophenol

Concen: 157.140 ng/ul

RT: 16.486 min Scan# 2312

Delta R.T. 0.006 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

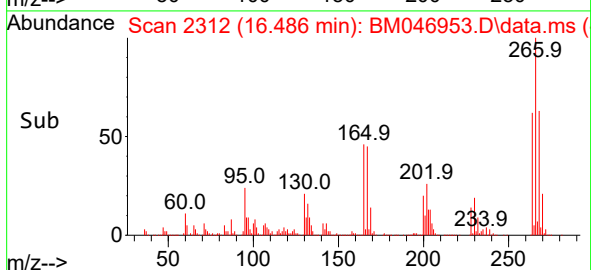
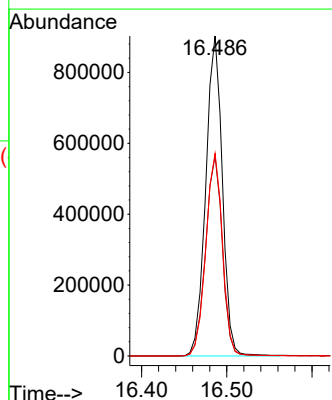
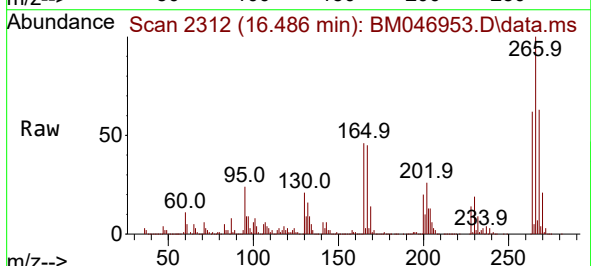
Tgt Ion:266 Resp: 1220235

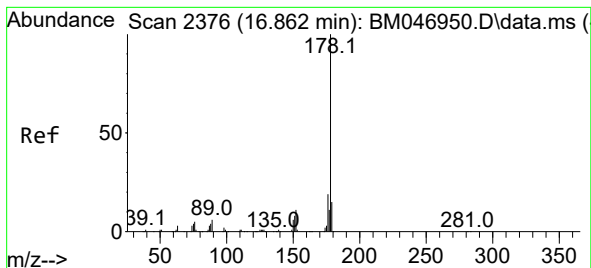
Ion Ratio Lower Upper

266 100

264 62.4 50.7 76.1

268 63.3 53.0 79.6





#72

Phenanthrene

Concen: 156.812 ng/ul

RT: 16.874 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

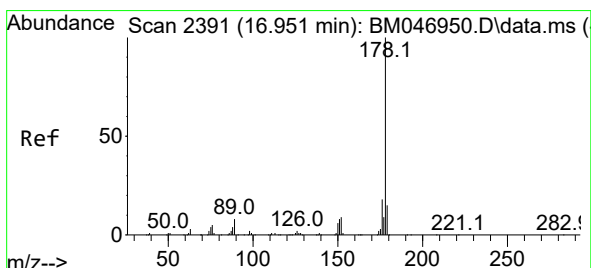
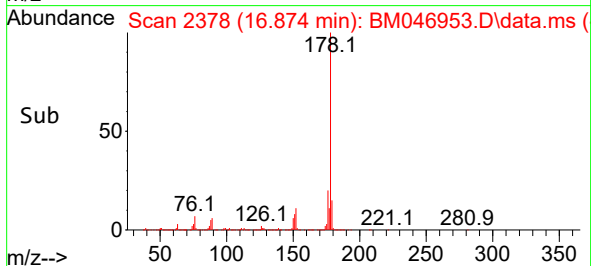
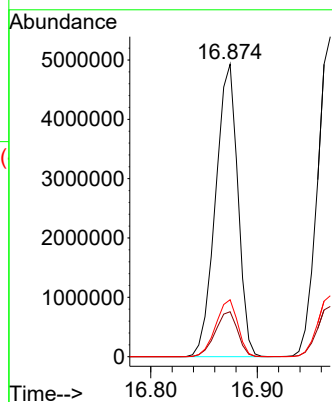
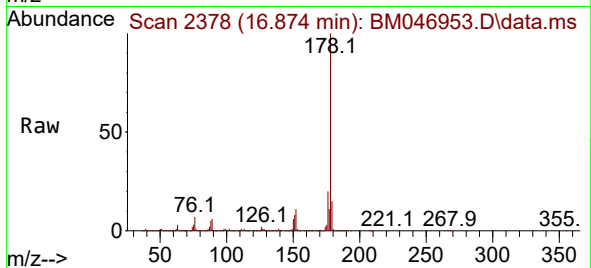
Tgt Ion:178 Resp: 7137078

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.5 15.3 22.9



#74

Anthracene

Concen: 150.226 ng/ul

RT: 16.968 min Scan# 2394

Delta R.T. 0.018 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

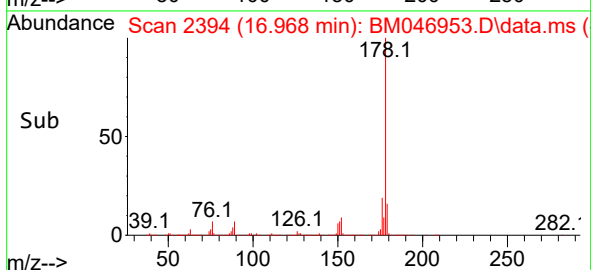
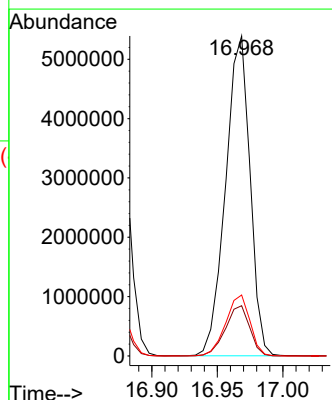
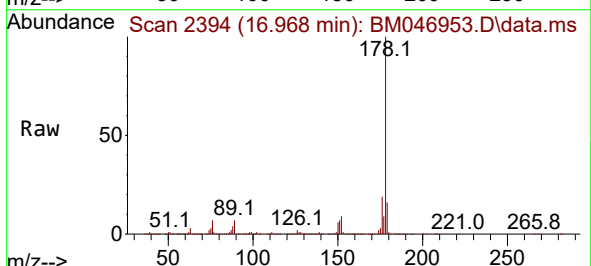
Tgt Ion:178 Resp: 6983633

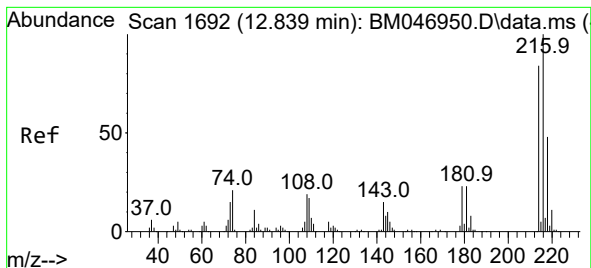
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

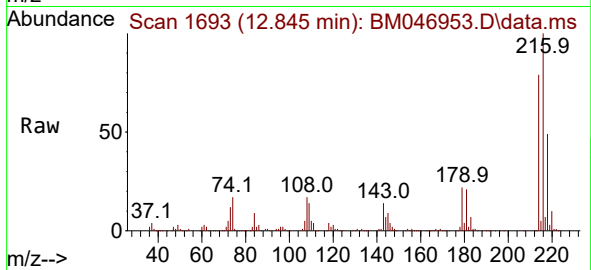
176 19.0 14.6 22.0



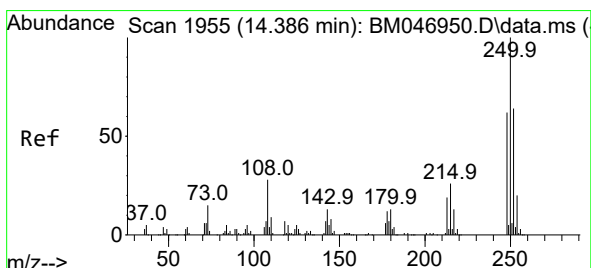
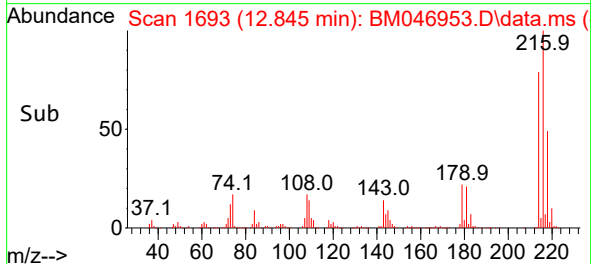
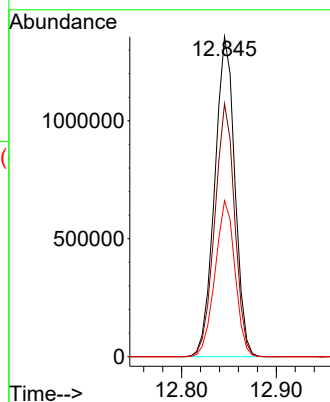


#75
1,2,3,4-Tetrachlorobenzene
Concen: 152.155 ng/uL
RT: 12.845 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Instrument :
BNA_M
ClientSampleId :

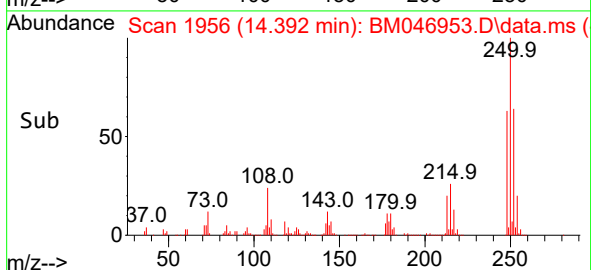
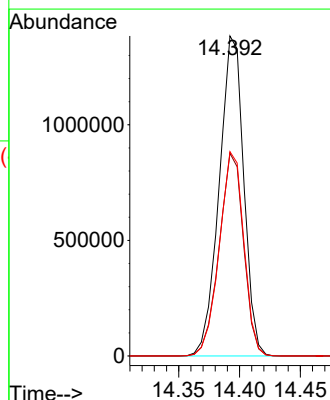
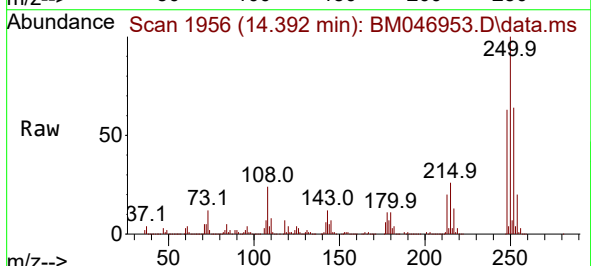


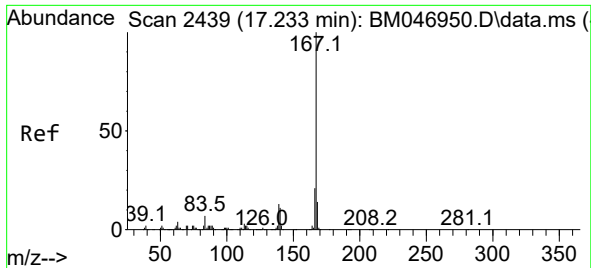
Tgt Ion:216 Resp: 2007724
Ion Ratio Lower Upper
216 100
214 79.1 67.0 100.6
218 48.7 38.7 58.1



#76
Pentachlorobenzene
Concen: 142.914 ng/uL
RT: 14.392 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:250 Resp: 1942768
Ion Ratio Lower Upper
250 100
248 63.4 49.6 74.4
252 63.8 51.4 77.0

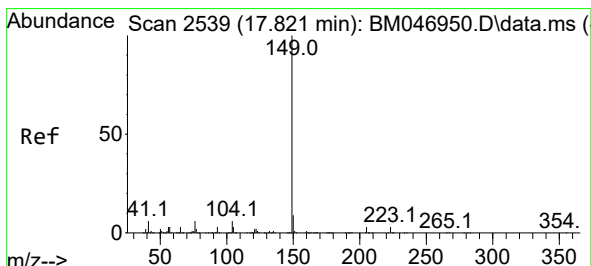
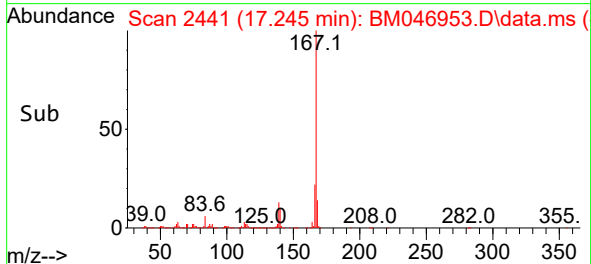
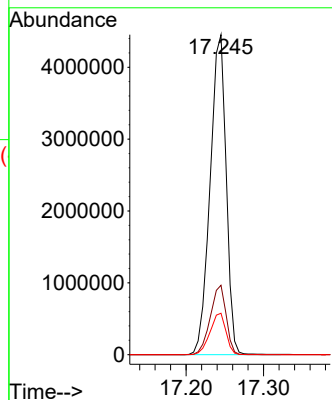
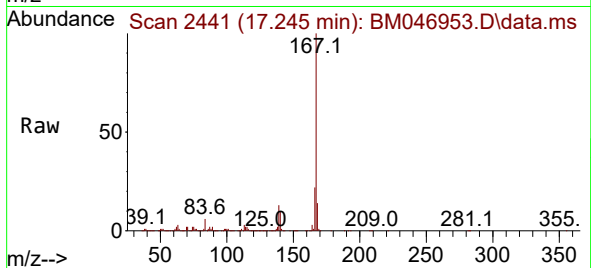




#77
 Carbazole
 Concen: 153.014 ng/ul
 RT: 17.245 min Scan# 24
 Delta R.T. 0.012 min
 Lab File: BM046953.D
 Acq: 02 Aug 2024 17:44

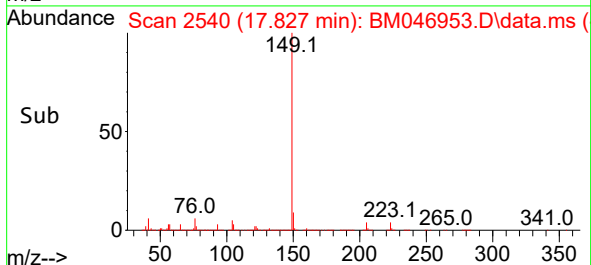
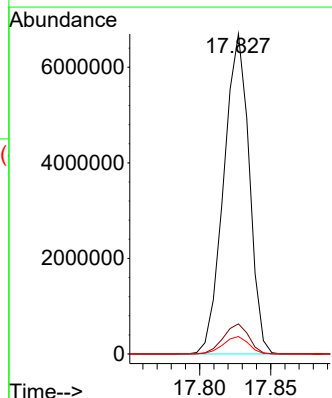
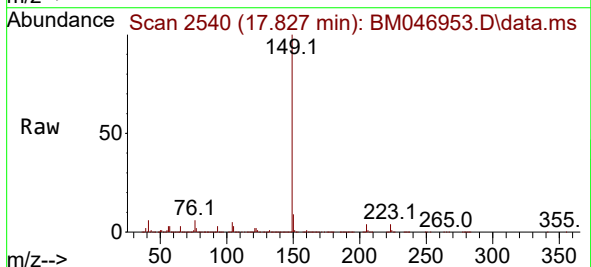
Instrument :
 BNA_M
 ClientSampleId :

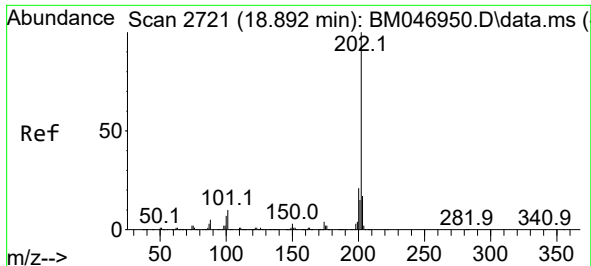
Tgt Ion:167 Resp: 6409499
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 13.0 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 169.648 ng/ul
 RT: 17.827 min Scan# 2540
 Delta R.T. 0.006 min
 Lab File: BM046953.D
 Acq: 02 Aug 2024 17:44

Tgt Ion:149 Resp: 8345073
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.0 10.6
 104 5.5 4.8 7.2

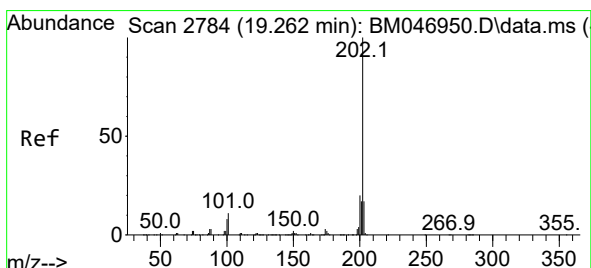
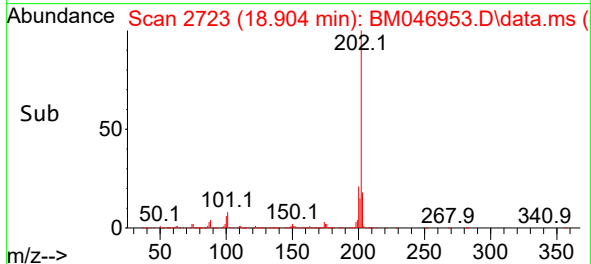
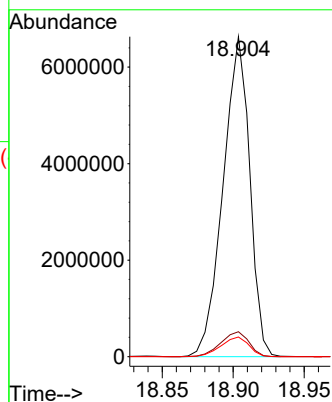
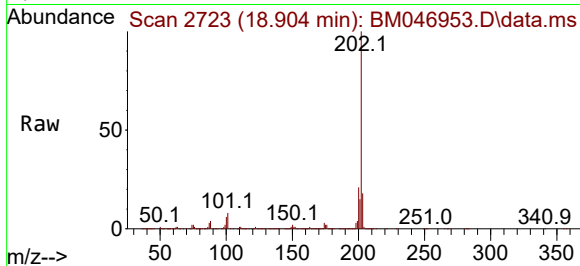




#80
Fluoranthene
Concen: 180.916 ng/ul
RT: 18.904 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

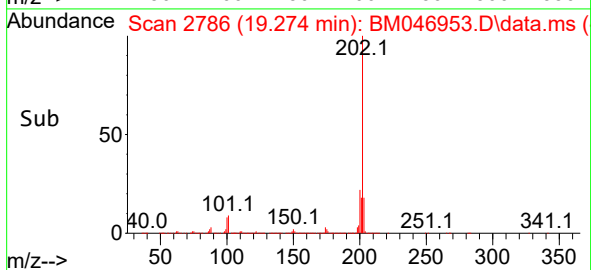
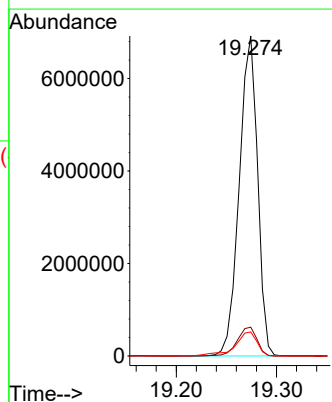
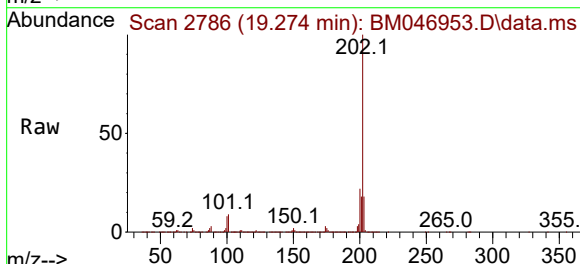
Instrument :
BNA_M
ClientSampleId :

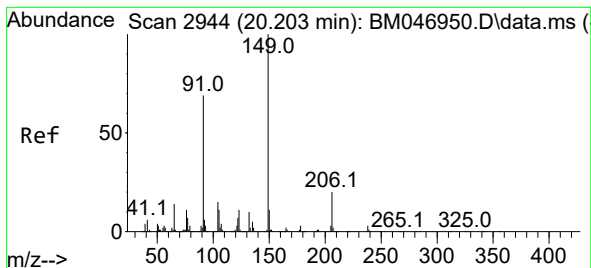
Tgt Ion:202 Resp: 8642523
Ion Ratio Lower Upper
202 100
101 7.8 7.8 11.6
100 6.2 5.9 8.9



#82
Pyrene
Concen: 189.145 ng/ul
RT: 19.274 min Scan# 2786
Delta R.T. 0.012 min
Lab File: BM046953.D
Acq: 02 Aug 2024 17:44

Tgt Ion:202 Resp: 8804940
Ion Ratio Lower Upper
202 100
101 9.0 8.7 13.1
100 7.5 6.8 10.2





#83

Butylbenzylphthalate

Concen: 215.610 ng/ul

RT: 20.204 min Scan# 2944

Delta R.T. 0.000 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

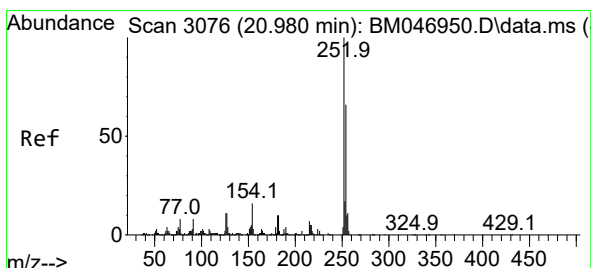
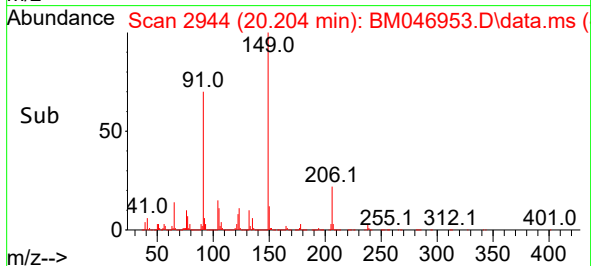
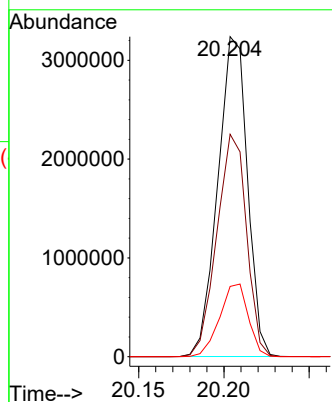
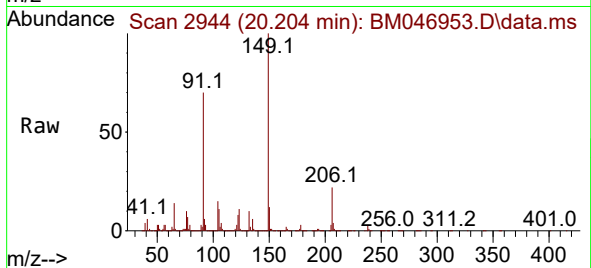
Tgt Ion:149 Resp: 3917191

Ion Ratio Lower Upper

149 100

91 69.5 55.3 82.9

206 21.9 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 159.918 ng/ul

RT: 20.992 min Scan# 3078

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

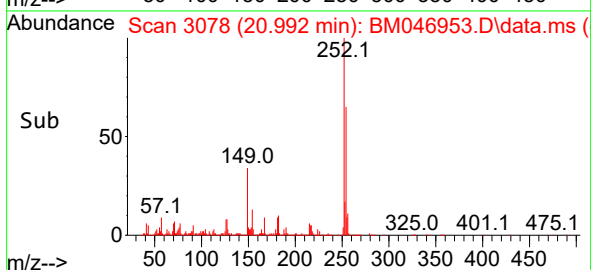
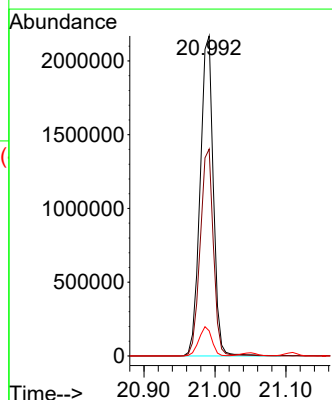
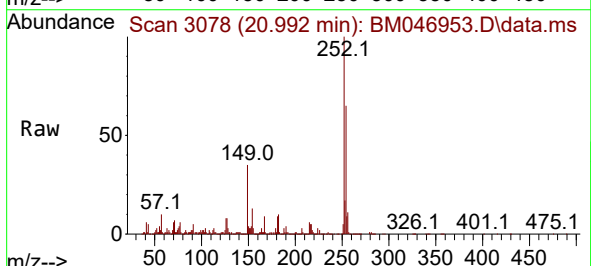
Tgt Ion:252 Resp: 2801064

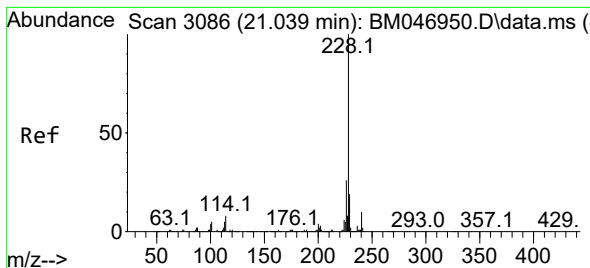
Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

126 7.9 8.8 13.2#





#85

Benzo(a)anthracene

Concen: 161.594 ng/ul

RT: 21.051 min Scan# 3088

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

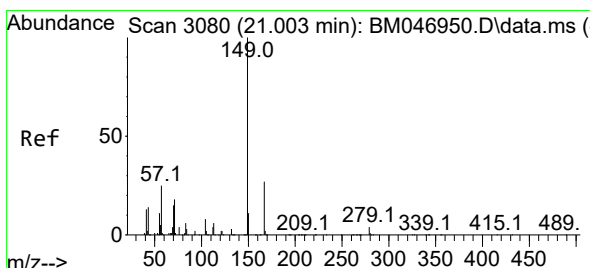
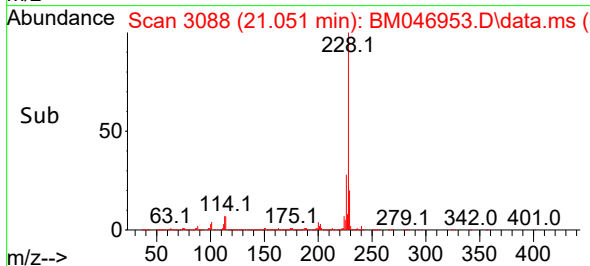
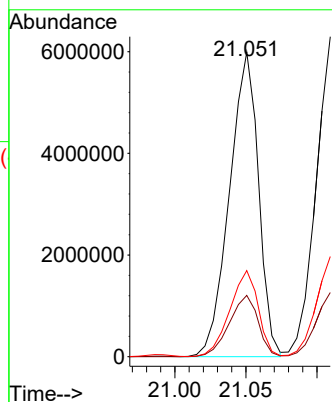
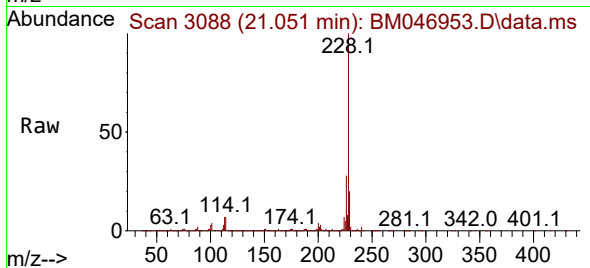
Tgt Ion:228 Resp: 8513890

Ion Ratio Lower Upper

228 100

229 20.1 15.5 23.3

226 28.3 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 187.162 ng/ul

RT: 21.009 min Scan# 3081

Delta R.T. 0.006 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

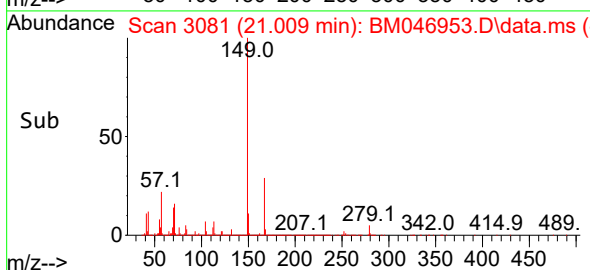
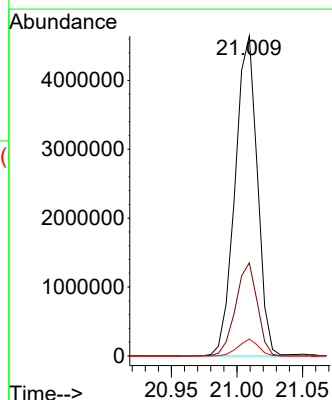
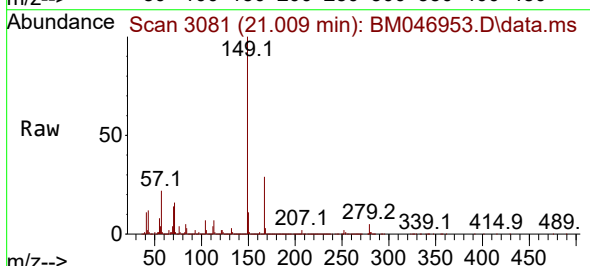
Tgt Ion:149 Resp: 5475430

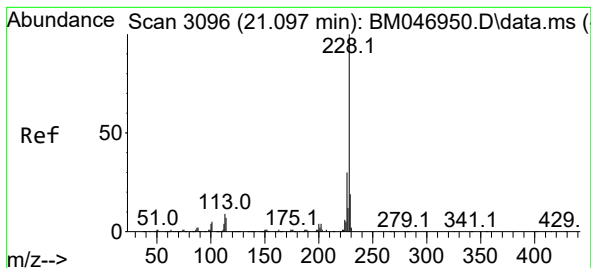
Ion Ratio Lower Upper

149 100

167 29.1 21.3 31.9

279 5.3 3.3 4.9#





#87

Chrysene

Concen: 156.358 ng/ul

RT: 21.109 min Scan# 3096

Delta R.T. 0.012 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

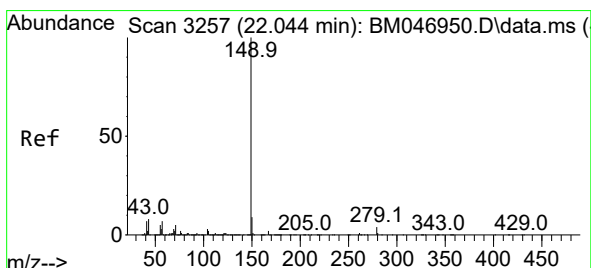
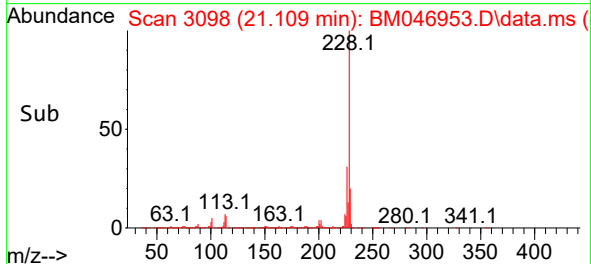
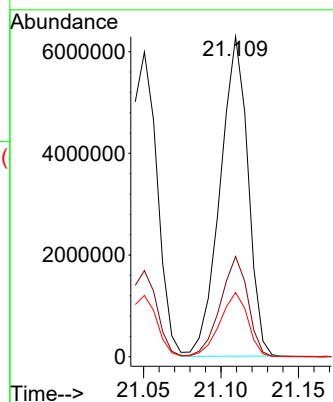
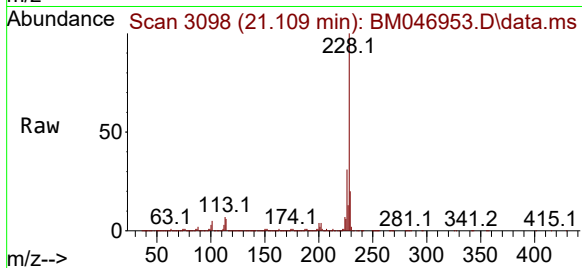
Tgt Ion:228 Resp: 7859409

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

229 20.1 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 196.919 ng/ul

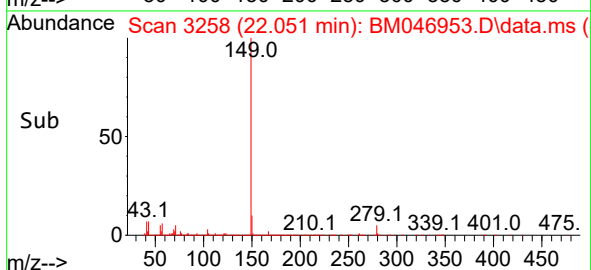
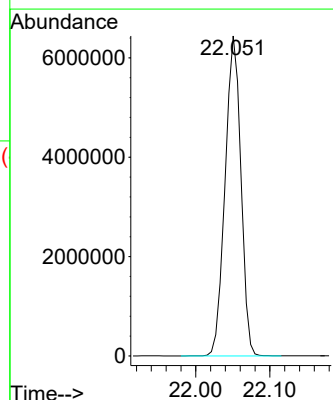
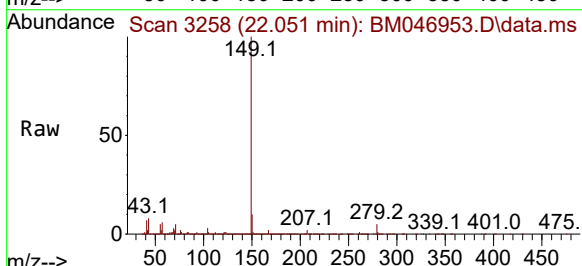
RT: 22.051 min Scan# 3258

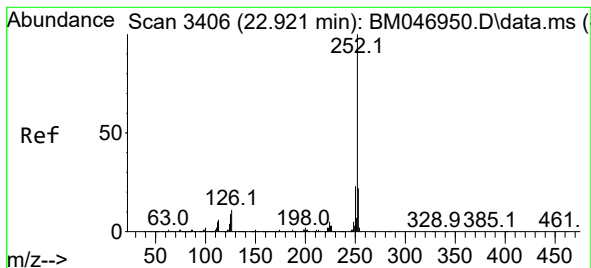
Delta R.T. 0.006 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Tgt Ion:149 Resp: 9524184





#90

Benzo(b)fluoranthene

Concen: 176.947 ng/ul

RT: 22.945 min Scan# 34

Delta R.T. 0.024 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

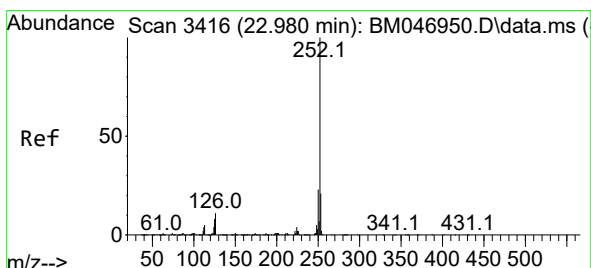
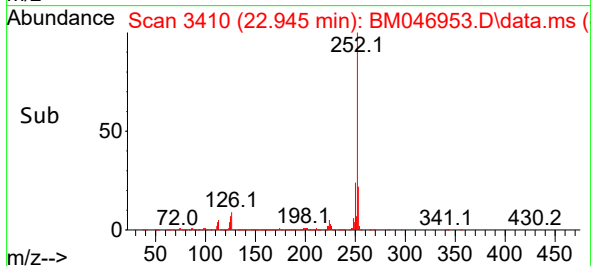
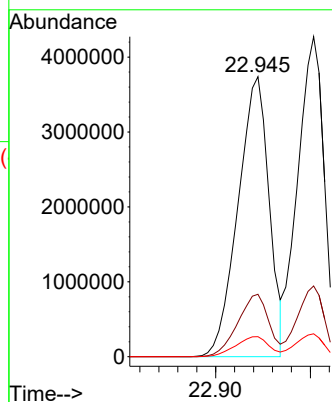
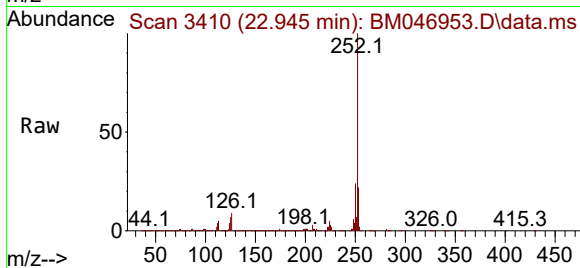
Tgt Ion:252 Resp: 8519794

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 7.1 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 174.760 ng/ul

RT: 23.003 min Scan# 3420

Delta R.T. 0.024 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

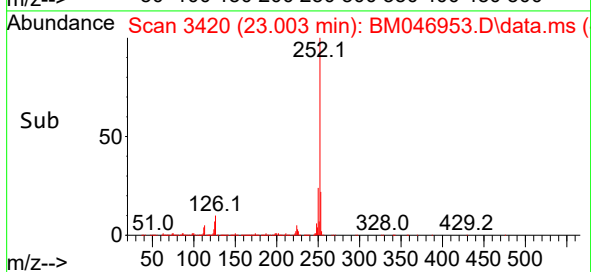
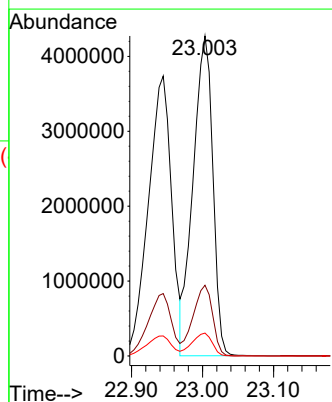
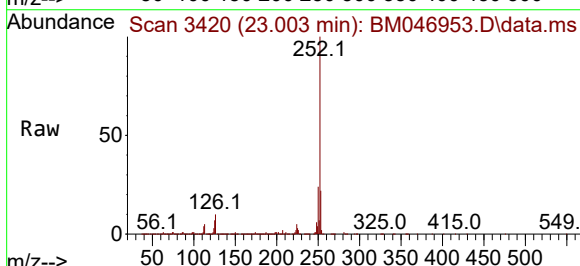
Tgt Ion:252 Resp: 8245451

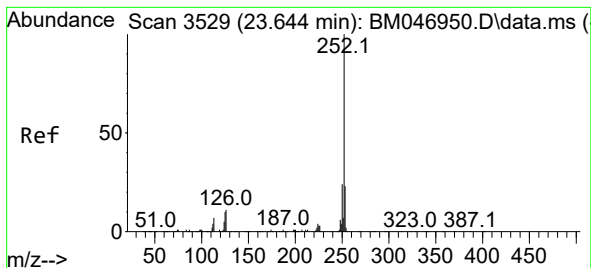
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 7.1 6.9 10.3





#93

Benzo(a)pyrene

Concen: 171.203 ng/ul

RT: 23.680 min Scan# 3

Delta R.T. 0.035 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

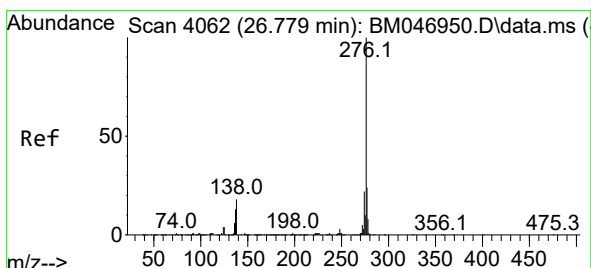
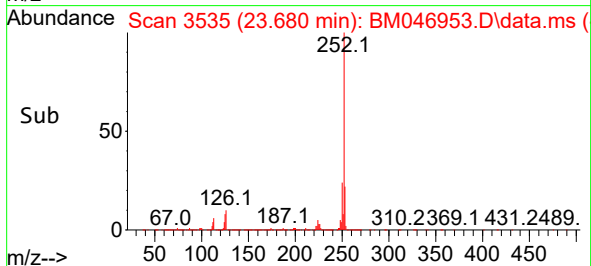
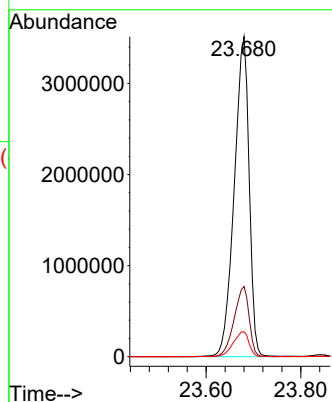
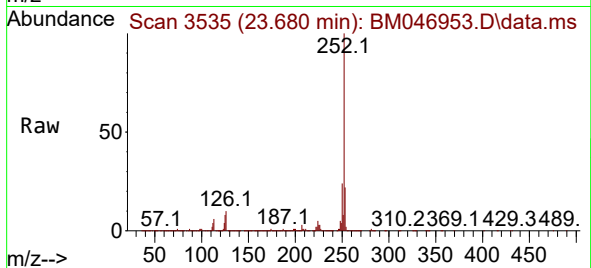
Tgt Ion:252 Resp: 7657676

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 7.8 8.1 12.1#



#94

Indeno(1,2,3-cd)pyrene

Concen: 170.997 ng/ul

RT: 26.833 min Scan# 4071

Delta R.T. 0.053 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

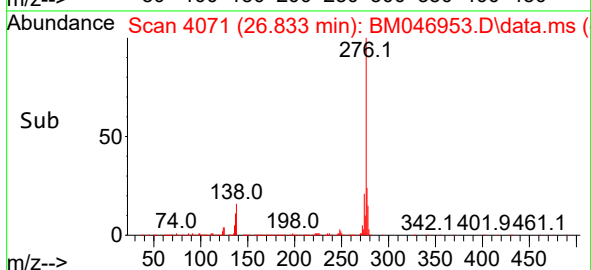
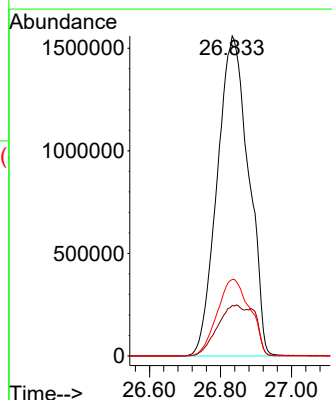
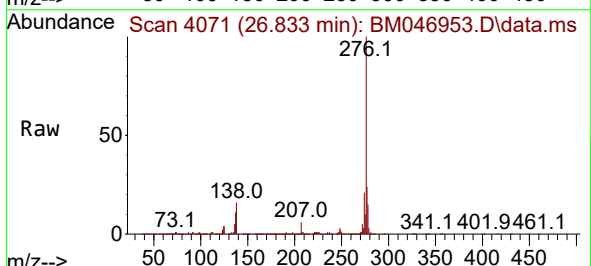
Tgt Ion:276 Resp: 9577112

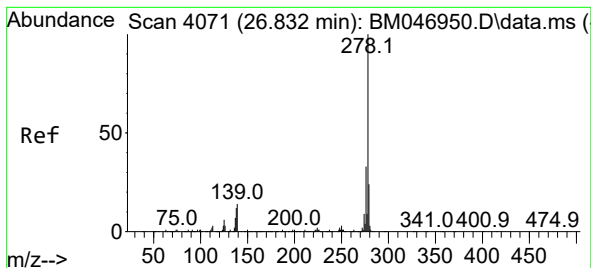
Ion Ratio Lower Upper

276 100

138 15.8 14.7 22.1

277 23.9 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 167.452 ng/ul

RT: 26.897 min Scan# 4071

Delta R.T. 0.065 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Instrument :

BNA_M

ClientSampleId :

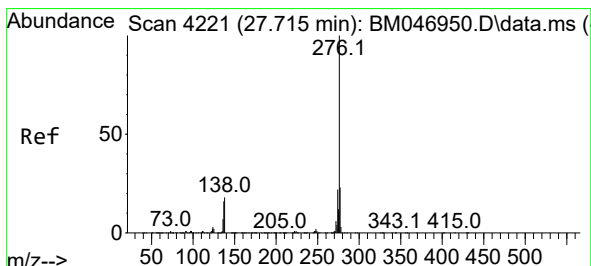
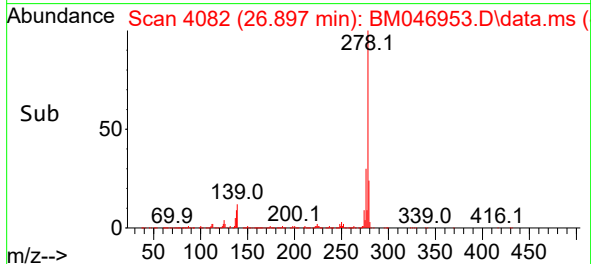
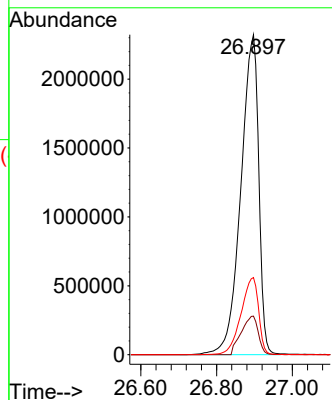
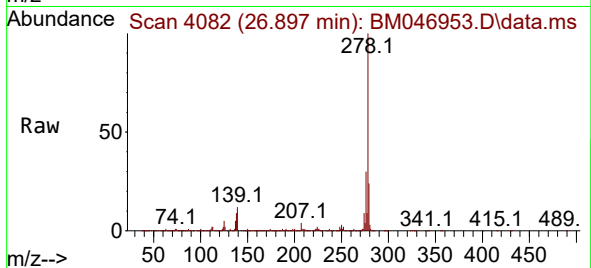
Tgt Ion:278 Resp: 7603599

Ion Ratio Lower Upper

278 100

139 12.0 11.4 17.0

279 24.1 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 155.242 ng/ul

RT: 27.785 min Scan# 4233

Delta R.T. 0.071 min

Lab File: BM046953.D

Acq: 02 Aug 2024 17:44

Tgt Ion:276 Resp: 7482496

Ion Ratio Lower Upper

276 100

138 16.7 14.7 22.1

277 23.8 18.6 27.8

