

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
 Data File : BM046952.D
 Acq On : 02 Aug 2024 17:03
 Operator : MA/JU
 Sample : SSTD08028
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 02:22:54 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	117901	20.000	ng/u1	0.00
20) Naphthalene-d8	10.163	136	463869	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.063	164	320592	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	716610	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	642569	20.000	ng/u1	0.00
88) Perylene-d12	23.780	264	746944	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	93729	40.744	ng/uL	0.00
4) Pyridine-d5	3.410	84	620936	64.446	ng/u1	0.00
7) Phenol-d5	6.610	99	691436	66.318	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.763	67	459503	68.394	ng/u1	0.00
11) 2-Chlorophenol-d4	6.945	132	593222	70.926	ng/u1	0.00
15) 4-Methylphenol-d8	8.134	113	563426	84.325	ng/u1	0.01
21) Nitrobenzene-d5	8.551	128	297221	84.981	ng/u1	0.00
24) 2-Nitrophenol-d4	9.263	143	343806	71.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	634316	67.485	ng/u1	0.00
31) 4-Chloroaniline-d4	10.310	131	800055	78.291	ng/u1	0.00
46) Dimethylphthalate-d6	13.492	166	1937205	80.884	ng/u1	0.00
49) Acenaphthylene-d8	13.751	160	2139592	79.033	ng/u1	0.00
54) 4-Nitrophenol-d4	14.310	143	390392	86.817	ng/u1	0.01
60) Fluorene-d10	15.068	176	1606148	71.625	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.210	200	369328	79.442	ng/u1	0.00
73) Anthracene-d10	16.921	188	2568483	74.761	ng/u1	0.00
81) Pyrene-d10	19.239	212	3123874	94.584	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.597	264	3298124	83.133	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	97900	40.249	ng/uL	95
5) Pyridine	3.428	79	607189	62.677	ng/u1	94
6) Benzaldehyde	6.563	77	375634	57.501	ng/u1	98
8) Phenol	6.640	94	678643	62.826	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.851	93	600277	71.127	ng/u1	97
12) 2-Chlorophenol	6.981	128	587682	70.920	ng/u1	97
13) 2-Methylphenol	7.863	108	534970	82.652	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.928	45	723470	86.825	ng/u1	99
16) Acetophenone	8.228	105	840587	76.094	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.228	70	441521	86.839	ng/u1	98
18) 4-Methylphenol	8.192	108	573360	81.981	ng/u1	93
19) Hexachloroethane	8.457	117	293288	82.855	ng/u1	93
22) Nitrobenzene	8.592	77	755733	81.788	ng/u1	97
23) Isophorone	9.128	82	1300642	74.764	ng/u1	99
25) 2-Nitrophenol	9.298	139	364351	69.345	ng/u1	99
26) 2,4-Dimethylphenol	9.375	107	667643	68.765	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.610	93	822399	84.251	ng/u1	99
29) 2,4-Dichlorophenol	9.828	162	617819	66.276	ng/u1	97
30) Naphthalene	10.210	128	1829449	76.931	ng/u1	99
32) 4-Chloroaniline	10.339	127	755117	77.025	ng/u1	99
33) Hexachlorobutadiene	10.504	225	437617	58.219	ng/u1	96
34) Caprolactam	11.133	113	103093	44.503	ng/u1	91
35) 4-Chloro-3-methylphenol	11.486	107	651791	85.348	ng/u1	99
36) 2-Methylnaphthalene	11.839	142	1339027	65.837	ng/u1	99

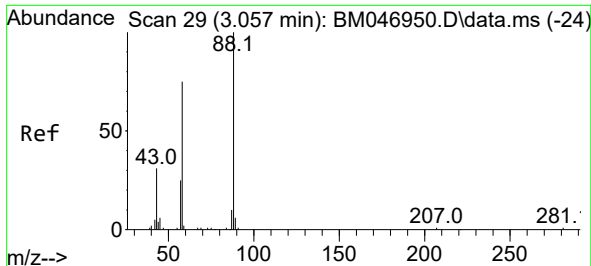
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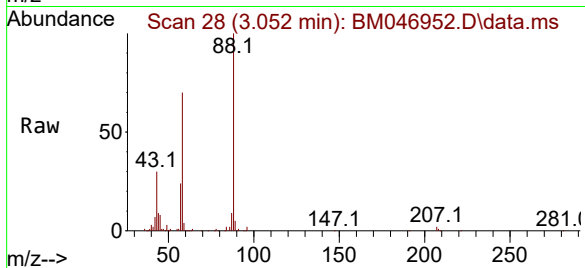
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.063	142	1342515	66.825	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.222	216	778798	63.053	ng/ul	98
40) Hexachlorocyclopentadiene	12.198	237	529768	73.140	ng/ul	97
41) 2,4,6-Trichlorophenol	12.475	196	539580	70.179	ng/ul	99
42) 2,4,5-Trichlorophenol	12.551	196	580553	70.364	ng/ul	98
43) 1,1'-Biphenyl	12.886	154	1784616	72.952	ng/ul	98
44) 2-Chloronaphthalene	12.922	162	1403559	70.140	ng/ul	99
45) 2-Nitroaniline	13.145	65	489531	95.722	ng/ul	99
47) Dimethylphthalate	13.539	163	1899713	79.268	ng/ul	100
48) 2,6-Dinitrotoluene	13.657	165	418463	86.330	ng/ul	89
50) Acenaphthylene	13.780	152	2182326	79.834	ng/ul	99
51) 3-Nitroaniline	13.986	138	402733	84.864	ng/ul	95
52) Acenaphthene	14.127	153	1578369	79.429	ng/ul	99
53) 2,4-Dinitrophenol	14.198	184	301027	84.550	ng/ul	95
55) 4-Nitrophenol	14.327	109	372068	68.663	ng/ul	98
56) Dibenzofuran	14.469	168	2190066	72.487	ng/ul	97
57) 2,4-Dinitrotoluene	14.457	165	607480	82.570	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.704	232	525658	73.339	ng/ul	95
59) Diethylphthalate	14.927	149	2052043	81.233	ng/ul	98
61) Fluorene	15.127	166	1836718	73.239	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.127	204	910688	65.148	ng/ul	95
63) 4-Nitroaniline	15.163	138	347763	71.059	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.227	198	397955	78.083	ng/ul#	92
67) N-Nitrosodiphenylamine	15.345	169	1569678	79.236	ng/ul	99
68) 4-Bromophenyl-phenylether	16.027	248	598403	70.900	ng/ul	93
69) Hexachlorobenzene	16.127	284	703861	70.595	ng/ul	97
70) Atrazine	16.321	200	652041	78.279	ng/ul	98
71) Pentachlorophenol	16.480	266	505921	76.684	ng/ul	97
72) Phenanthrene	16.868	178	3047556	78.811	ng/ul	100
74) Anthracene	16.957	178	3031868	76.763	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	803674	71.687	ng/uL	96
76) Pentachlorobenzene	14.386	250	811698	70.279	ng/uL	99
77) Carbazole	17.239	167	2877729	80.860	ng/ul	100
78) Di-n-butylphthalate	17.821	149	3709703	88.764	ng/ul	99
80) Fluoranthene	18.898	202	3681348	87.509	ng/ul	98
82) Pyrene	19.268	202	3858752	94.129	ng/ul	97
83) Butylbenzylphthalate	20.203	149	1759628	109.982	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.986	252	1298442	84.179	ng/ul	98
85) Benzo(a)anthracene	21.045	228	3800715	81.916	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.003	149	2473682	96.018	ng/ul	99
87) Chrysene	21.103	228	3520773	79.538	ng/ul	100
89) Di-n-octyl phthalate	22.050	149	4373596	93.405	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	3836303	82.300	ng/ul	99
91) Benzo(k)fluoranthene	22.991	252	3769261	82.519	ng/ul	98
93) Benzo(a)pyrene	23.656	252	3534710	81.628	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.803	276	4361107	80.431	ng/ul	97
95) Dibenzo(a,h)anthracene	26.856	278	3467352	78.875	ng/ul	98
96) Benzo(g,h,i)perylene	27.750	276	3481355	74.608	ng/ul	99

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

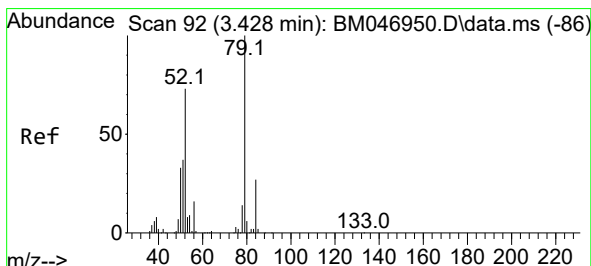
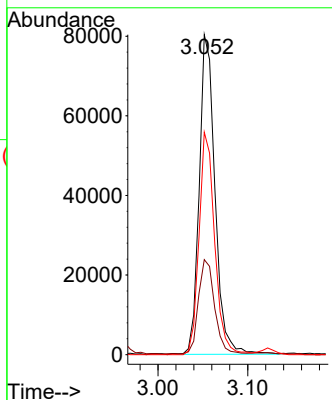
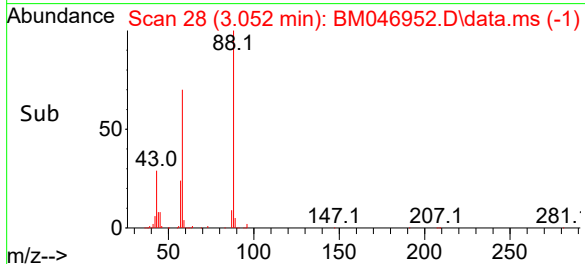


#2
1,4-Dioxane
Concen: 40.249 ng/uL
RT: 3.052 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Instrument :
BNA_M
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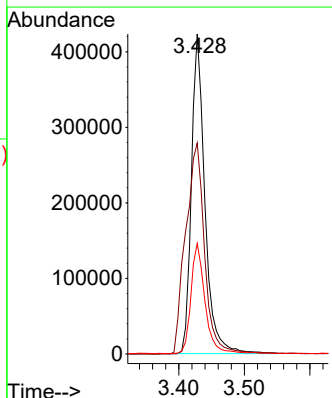
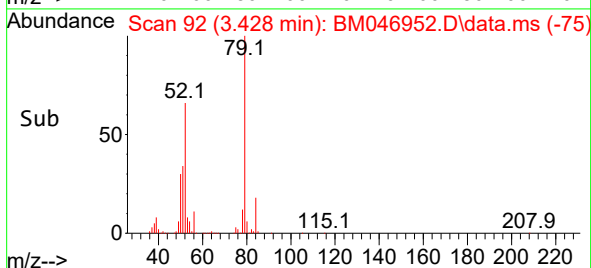
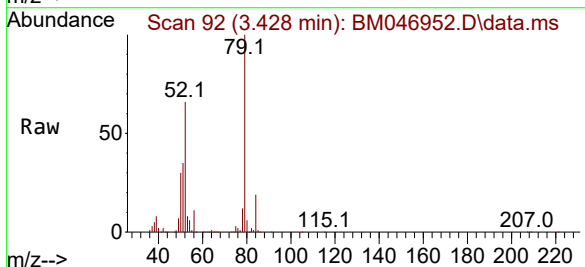


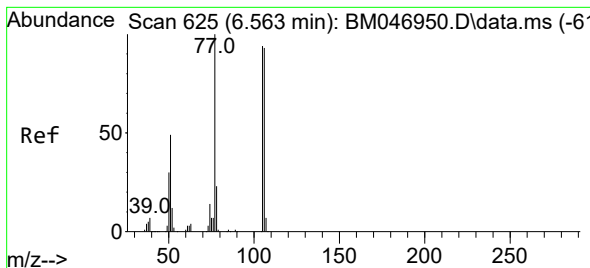
Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.7	24.9	37.3
58	69.6	59.7	89.5



#5
Pyridine
Concen: 62.677 ng/uL
RT: 3.428 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion	Ratio	Lower	Upper
79	100		
52	66.0	58.1	87.1
51	34.5	29.3	43.9

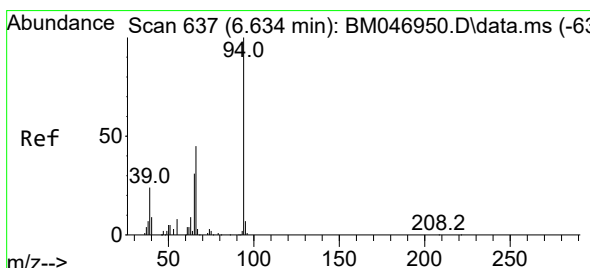
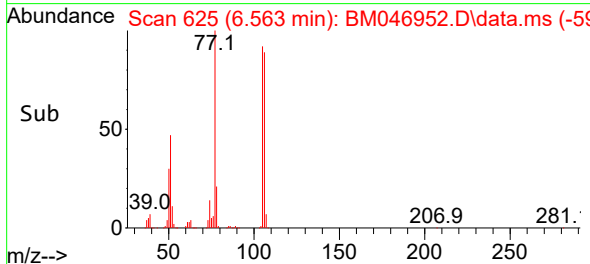
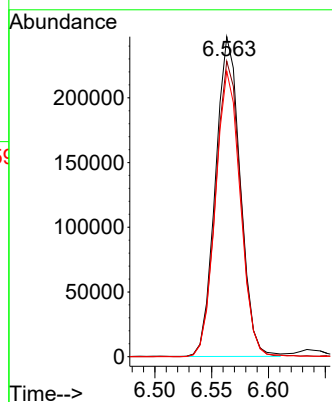
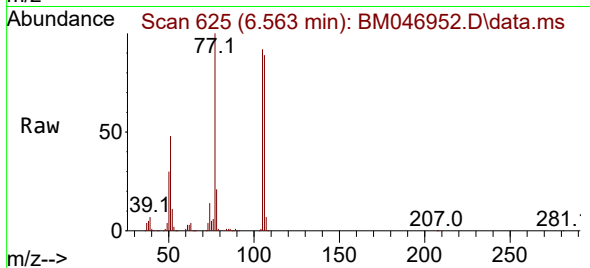




#6
Benzaldehyde
Concen: 57.501 ng/ul
RT: 6.563 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

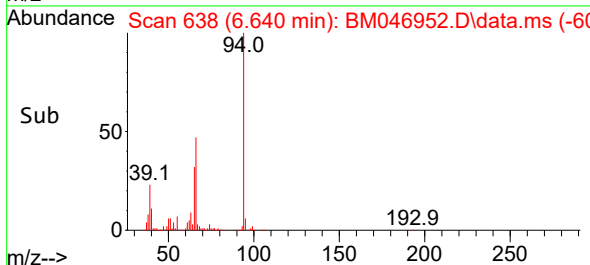
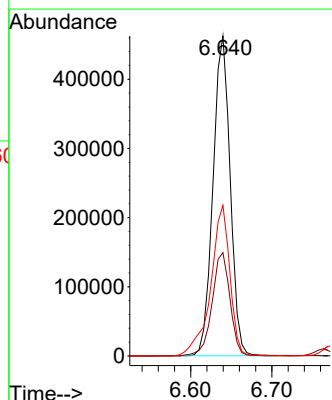
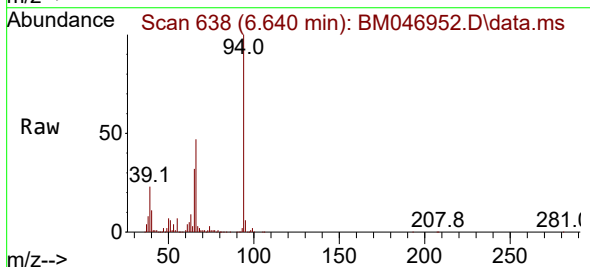
Instrument :
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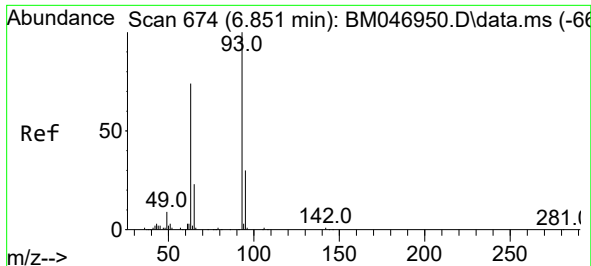
Tgt Ion: 77 Resp: 375634
Ion Ratio Lower Upper
77 100
105 92.4 74.7 112.1
106 89.2 74.2 111.2



#8
Phenol
Concen: 62.826 ng/ul
RT: 6.640 min Scan# 638
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion: 94 Resp: 678643
Ion Ratio Lower Upper
94 100
65 32.3 25.1 37.7
66 47.0 37.7 56.5

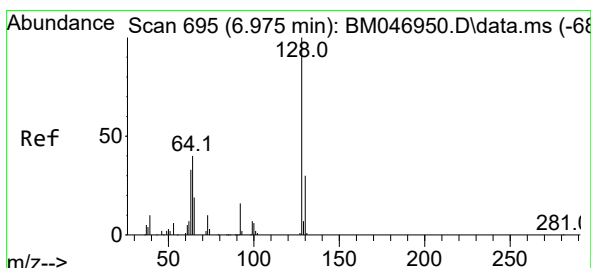
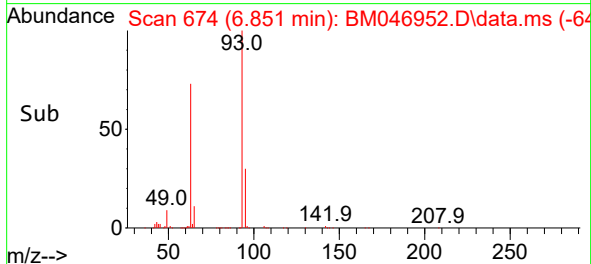
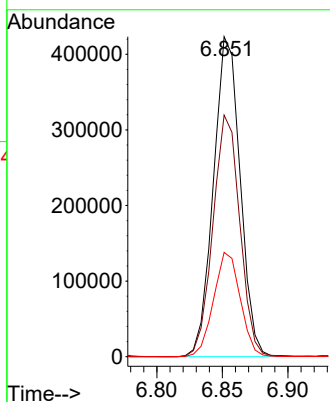
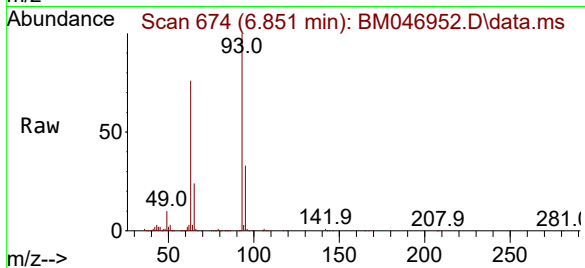




#10
Bis(2-Chloroethyl)ether
Concen: 71.127 ng/ul
RT: 6.851 min Scan# 610
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

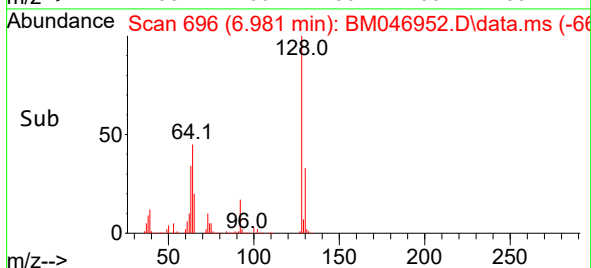
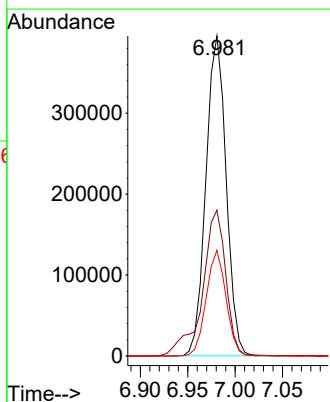
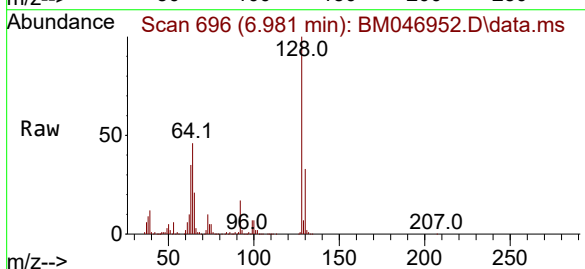
Instrument :
BNA_M
ClientSampleId :

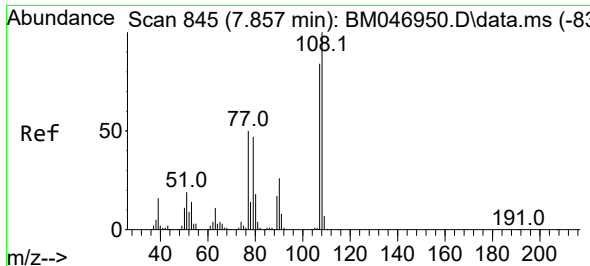
Tgt Ion: 93 Resp: 600277
Ion Ratio Lower Upper
93 100
63 75.5 59.0 88.6
95 32.6 24.0 36.0



#12
2-Chlorophenol
Concen: 70.920 ng/ul
RT: 6.981 min Scan# 696
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:128 Resp: 587682
Ion Ratio Lower Upper
128 100
64 45.6 37.0 55.4
130 33.0 24.1 36.1

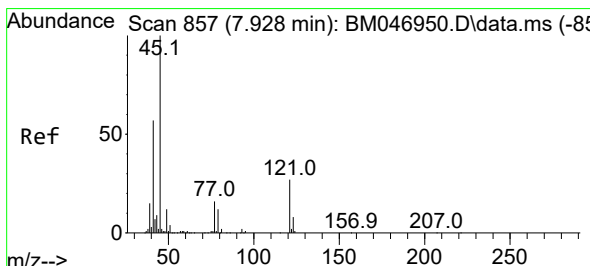
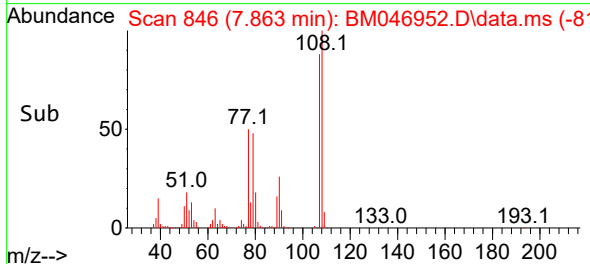
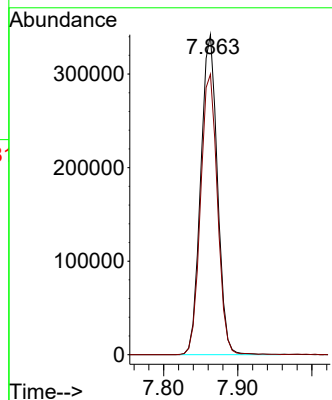
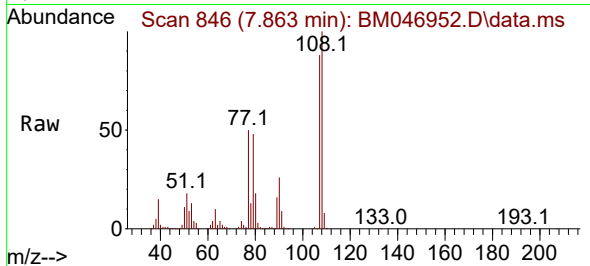




#13
2-Methylphenol
Concen: 82.652 ng/ul
RT: 7.863 min Scan# 845
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

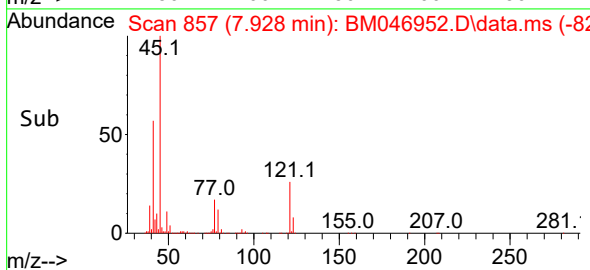
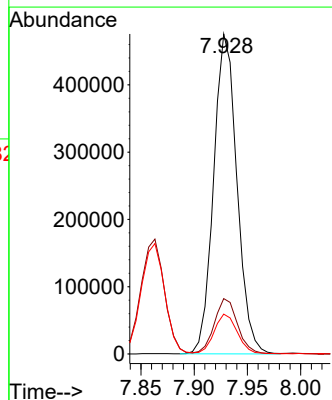
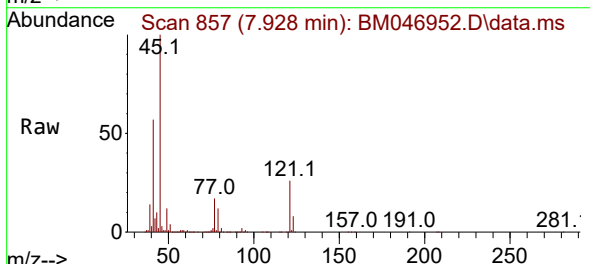
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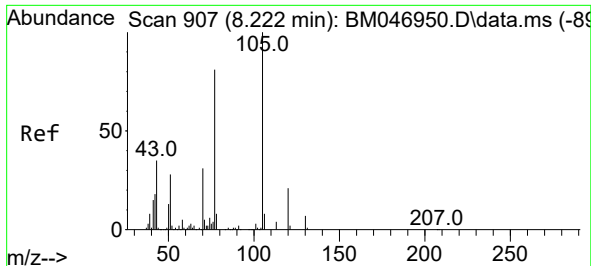
Tgt Ion:108 Resp: 534970
Ion Ratio Lower Upper
108 100
107 87.6 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 86.825 ng/ul
RT: 7.928 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion: 45 Resp: 723470
Ion Ratio Lower Upper
45 100
77 17.3 13.2 19.8
79 12.5 9.8 14.6

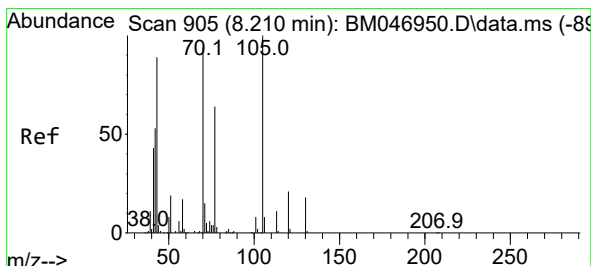
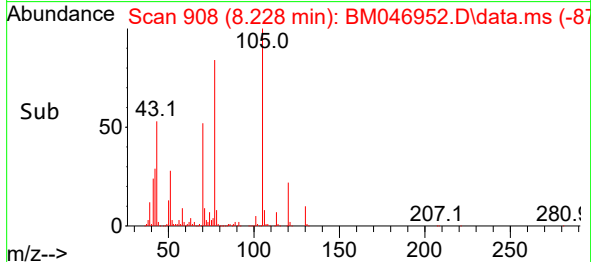
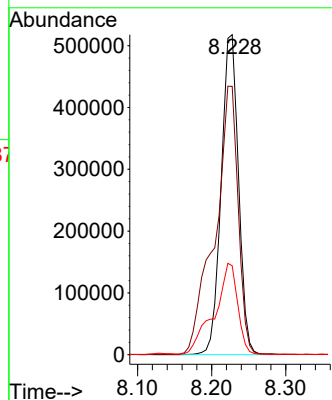
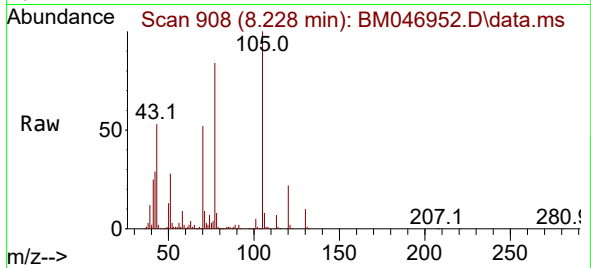




#16
Acetophenone
Concen: 76.094 ng/ul
RT: 8.228 min Scan# 908
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

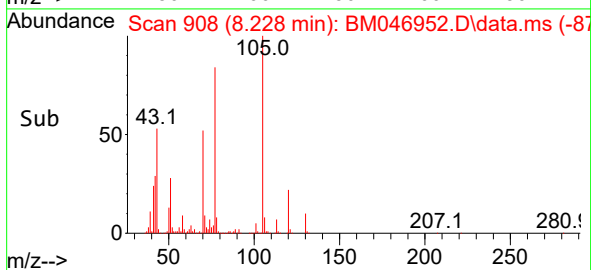
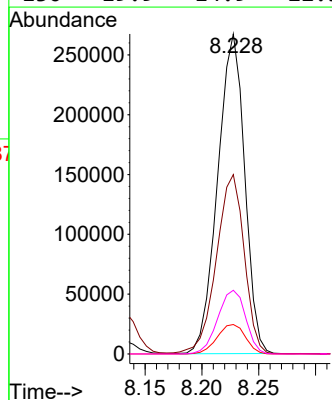
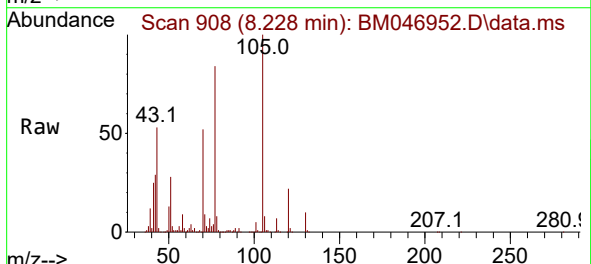
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ClientSampleId :

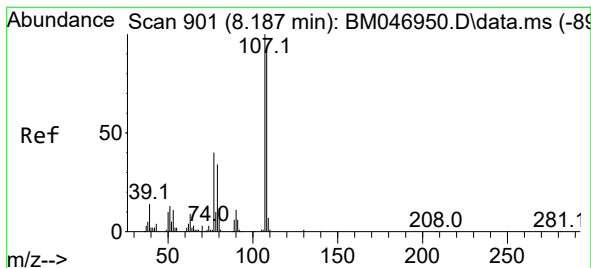
Tgt Ion:105 Resp: 840587
Ion Ratio Lower Upper
105 100
77 83.8 66.1 99.1
51 27.8 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 86.839 ng/ul
RT: 8.228 min Scan# 908
Delta R.T. 0.018 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion: 70 Resp: 441521
Ion Ratio Lower Upper
70 100
42 56.1 45.8 68.8
101 9.2 6.9 10.3
130 19.9 14.9 22.3

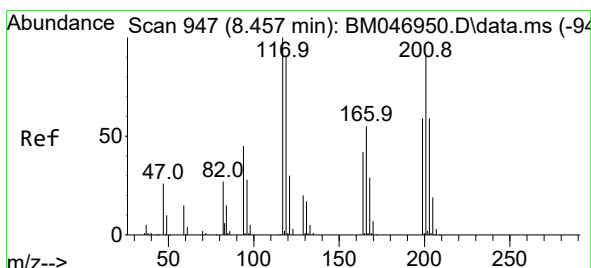
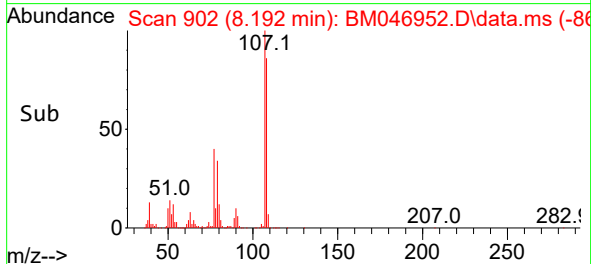
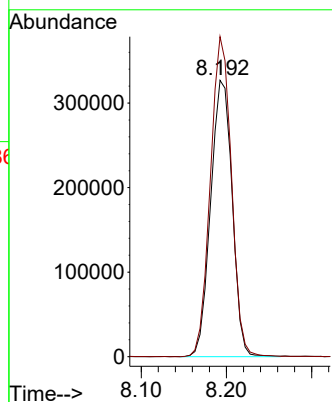
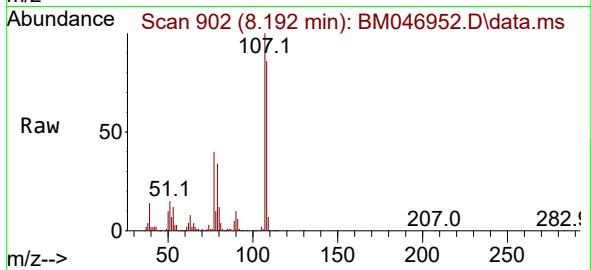




#18
4-Methylphenol
Concen: 81.981 ng/ul
RT: 8.192 min Scan# 901
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

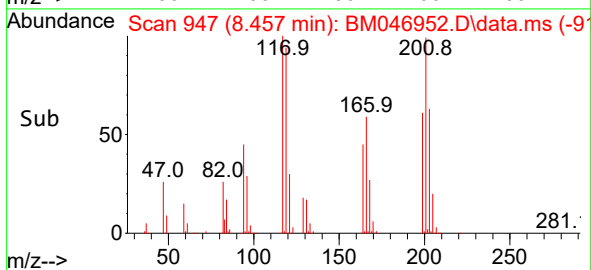
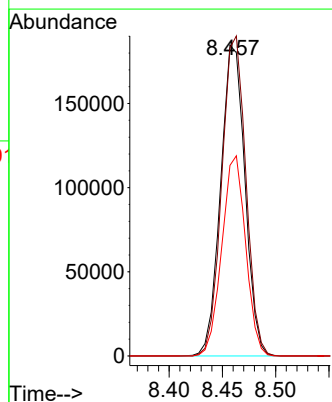
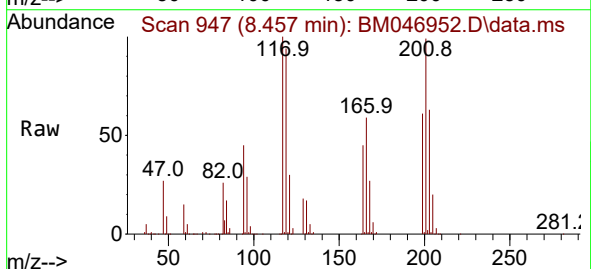
Instrument :
BNA_M
ClientSampleId :

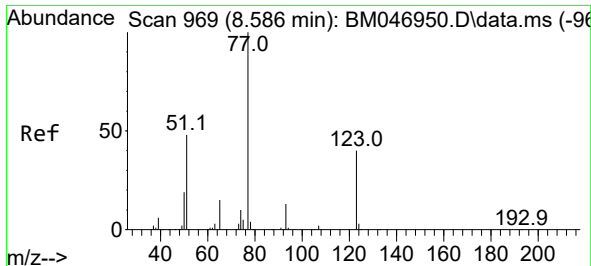
Tgt Ion:108 Resp: 573360
Ion Ratio Lower Upper
108 100
107 115.8 86.4 129.6



#19
Hexachloroethane
Concen: 82.855 ng/ul
RT: 8.457 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:117 Resp: 293288
Ion Ratio Lower Upper
117 100
201 99.1 72.7 109.1
199 61.3 46.9 70.3

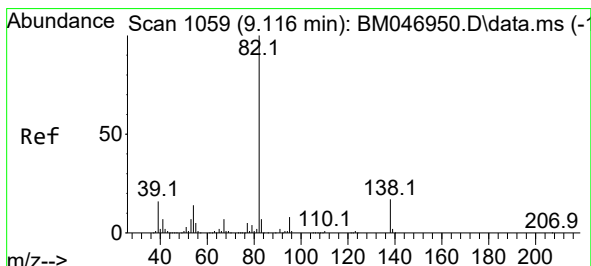
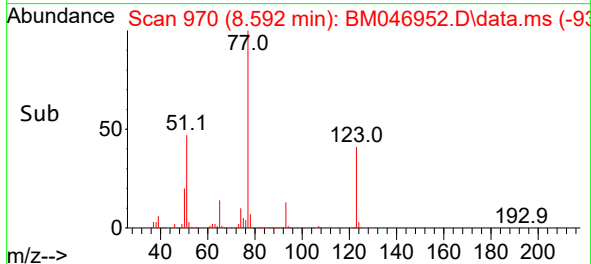
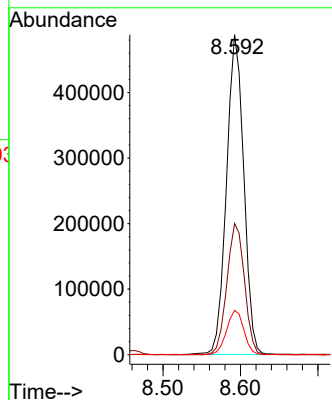
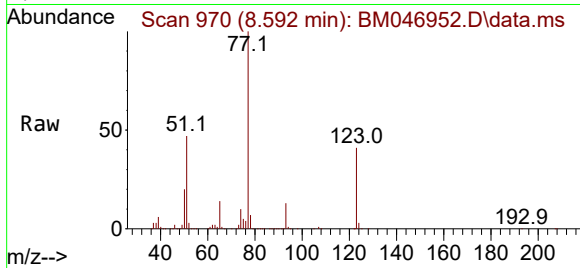




#22
Nitrobenzene
Concen: 81.788 ng/ul
RT: 8.592 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

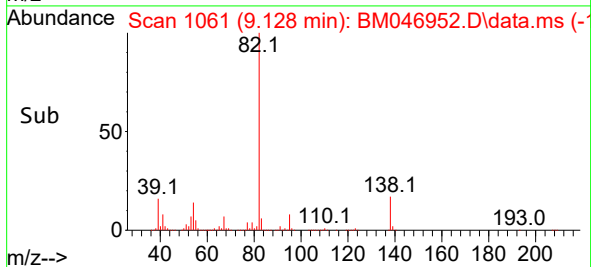
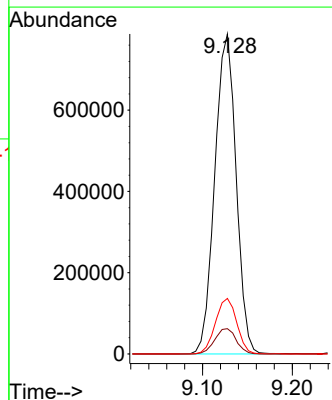
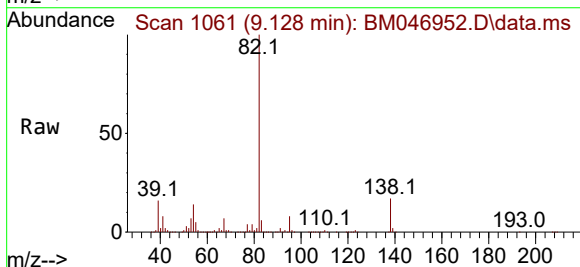
Instrument :
BNA_M
ClientSampleId :

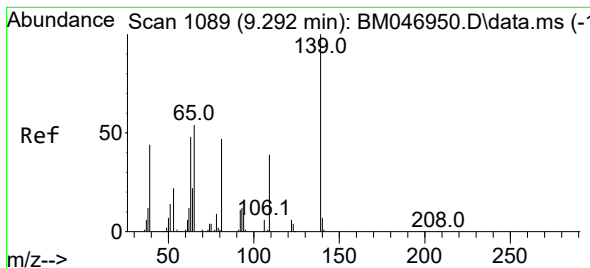
Tgt Ion: 77 Resp: 755733
Ion Ratio Lower Upper
77 100
123 41.0 31.4 47.2
65 13.8 12.1 18.1



#23
Isophorone
Concen: 74.764 ng/ul
RT: 9.128 min Scan# 1061
Delta R.T. 0.012 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion: 82 Resp: 1300642
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.3 13.6 20.4

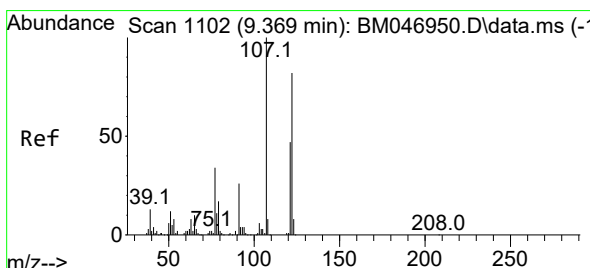
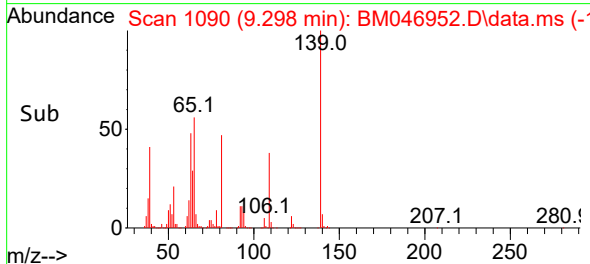
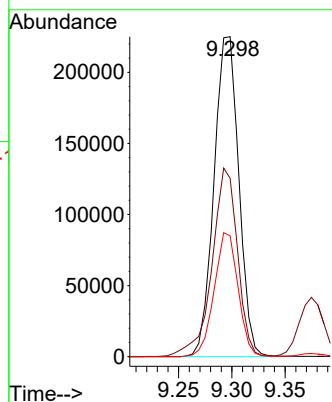
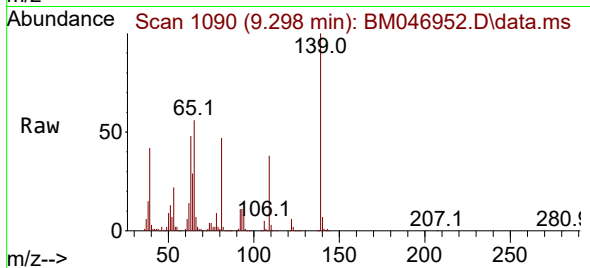




#25
2-Nitrophenol
Concen: 69.345 ng/ul
RT: 9.298 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

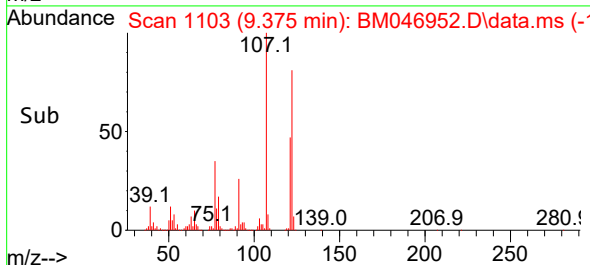
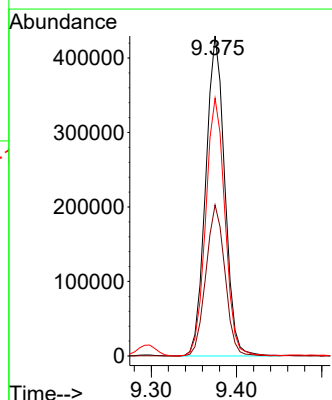
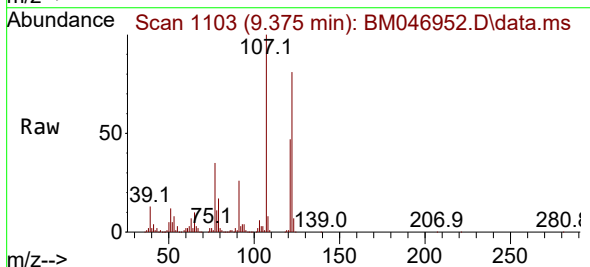
Instrument :
BNA_M
ClientSampleId :

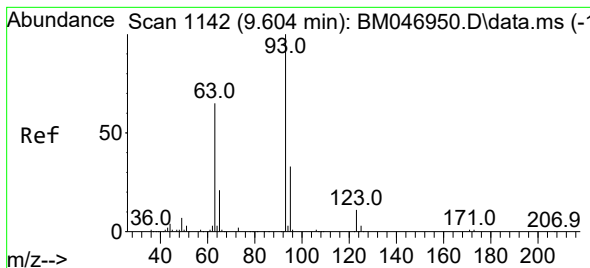
Tgt Ion:139 Resp: 364351
Ion Ratio Lower Upper
139 100
65 55.8 45.1 67.7
109 37.8 30.9 46.3



#26
2,4-Dimethylphenol
Concen: 68.765 ng/ul
RT: 9.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:107 Resp: 667643
Ion Ratio Lower Upper
107 100
121 47.2 37.3 55.9
122 80.5 65.8 98.6





#27

Bis(2-Chloroethoxy)methane

Concen: 84.251 ng/ul

RT: 9.610 min Scan# 1142

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

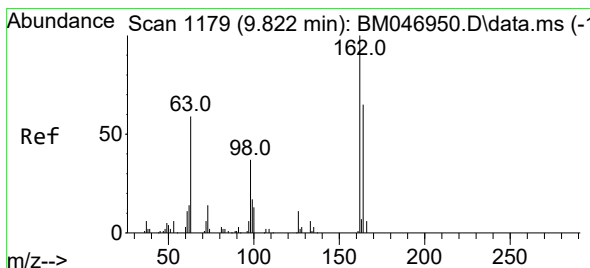
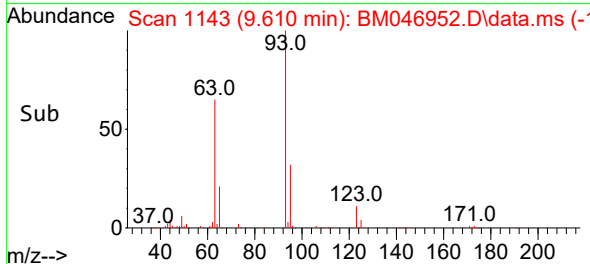
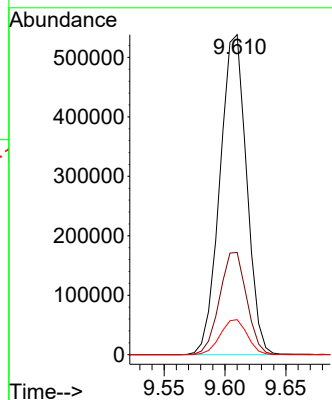
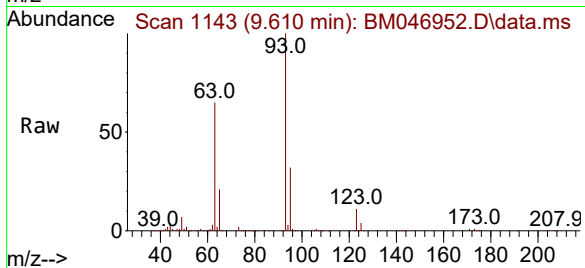
Tgt Ion: 93 Resp: 822399

Ion Ratio Lower Upper

93 100

95 31.9 26.1 39.1

123 11.0 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 66.276 ng/ul

RT: 9.828 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

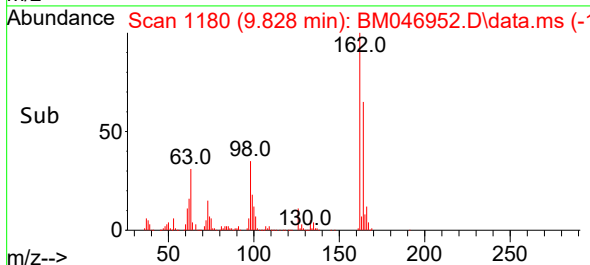
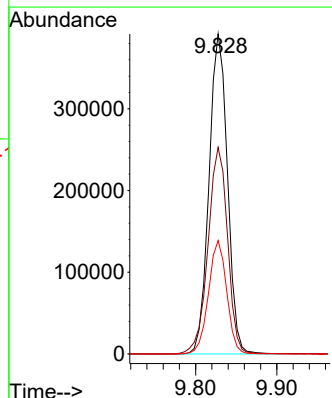
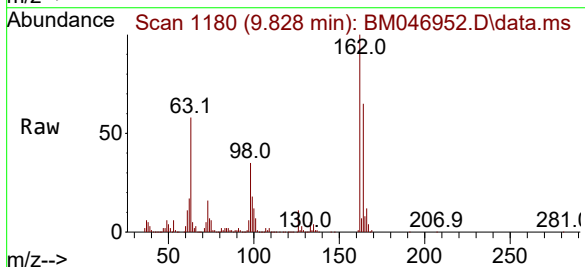
Tgt Ion:162 Resp: 617819

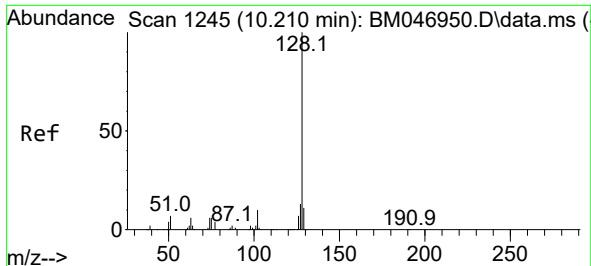
Ion Ratio Lower Upper

162 100

164 64.6 53.3 79.9

98 35.5 29.6 44.4

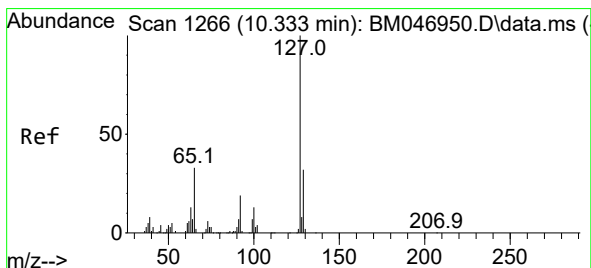
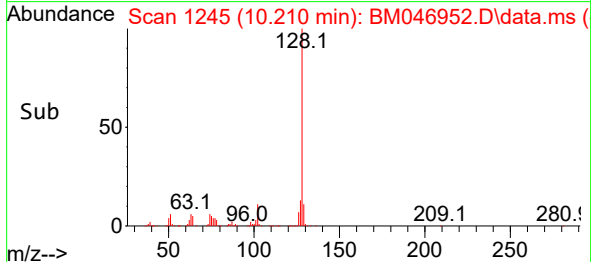
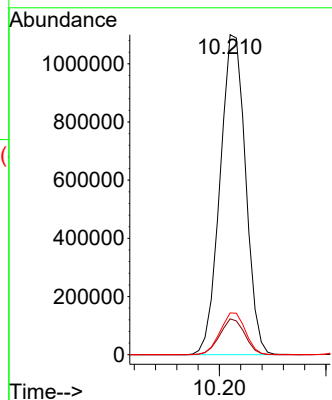
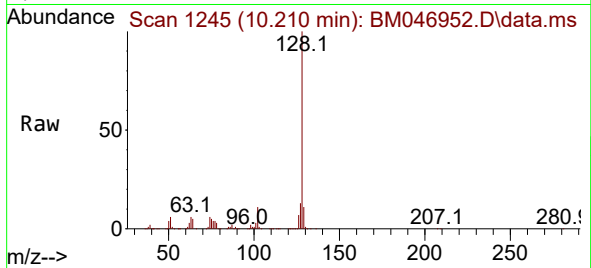




#30
Naphthalene
Concen: 76.931 ng/ul
RT: 10.210 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

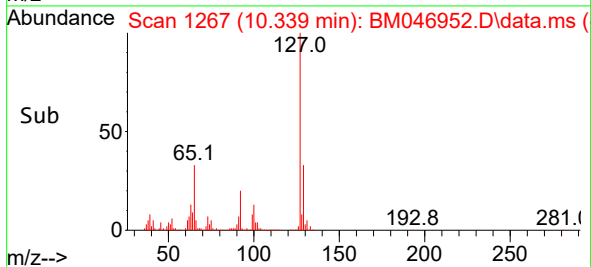
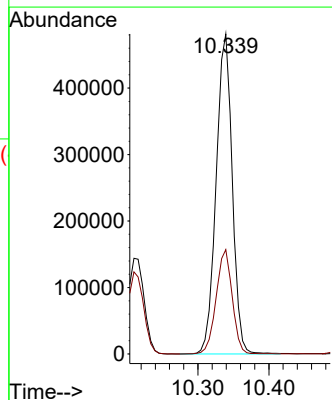
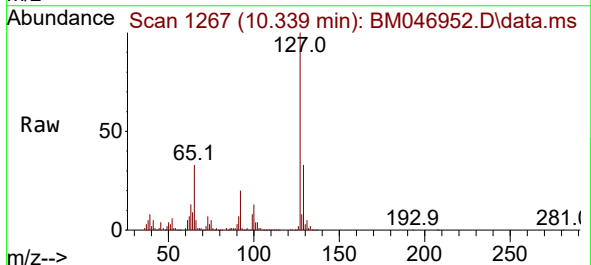
Instrument :
BNA_M
ClientSampleId :

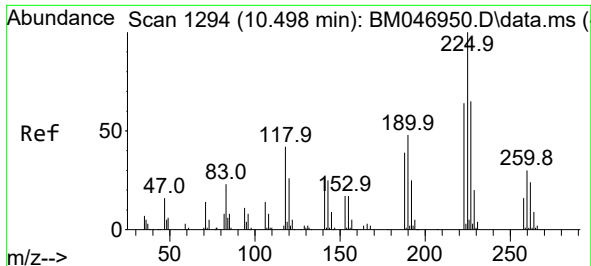
Tgt Ion:128 Resp: 1829449
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 77.025 ng/ul
RT: 10.339 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:127 Resp: 755117
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4

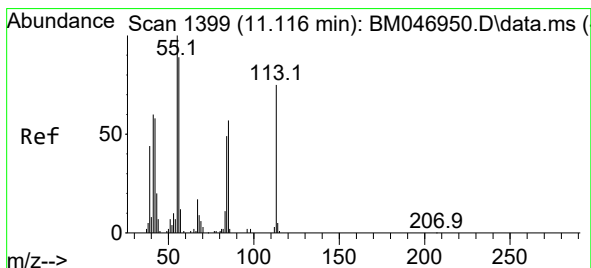
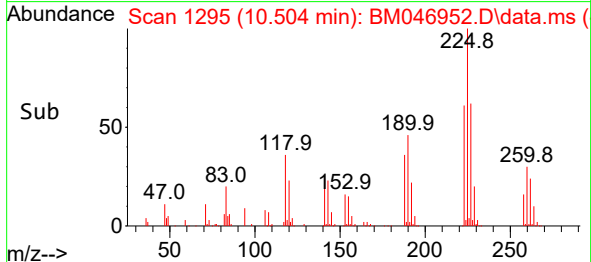
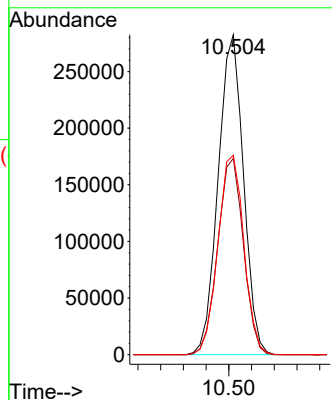
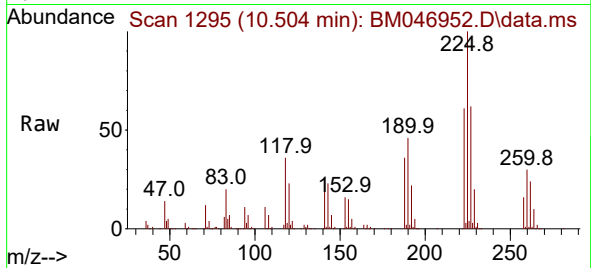




#33
Hexachlorobutadiene
Concen: 58.219 ng/ul
RT: 10.504 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

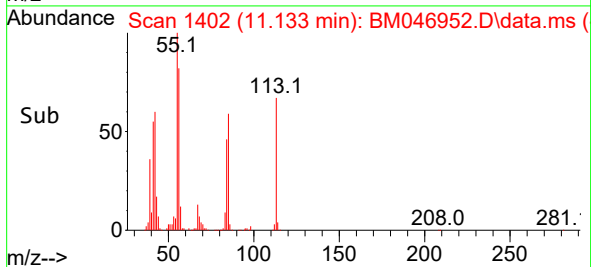
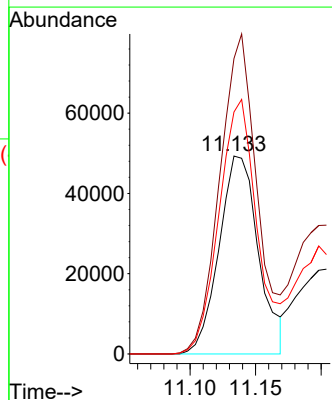
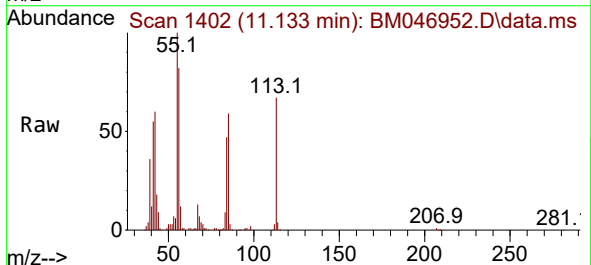
Instrument :
BNA_M
ClientSampleId :

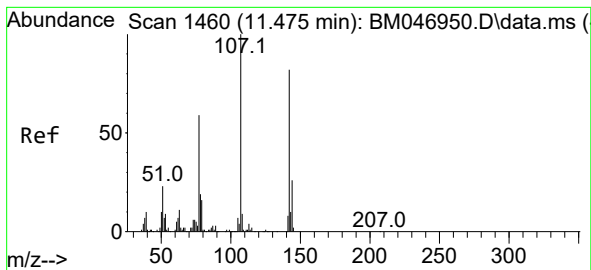
Tgt Ion:225 Resp: 437617
Ion Ratio Lower Upper
225 100
223 61.4 51.0 76.6
227 62.3 52.3 78.5



#34
Caprolactam
Concen: 44.503 ng/ul
RT: 11.133 min Scan# 1402
Delta R.T. 0.018 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:113 Resp: 103093
Ion Ratio Lower Upper
113 100
55 149.3 106.3 159.5
56 122.2 94.6 141.8





#35

4-Chloro-3-methylphenol

Concen: 85.348 ng/ul

RT: 11.486 min Scan# 1460

Delta R.T. 0.012 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

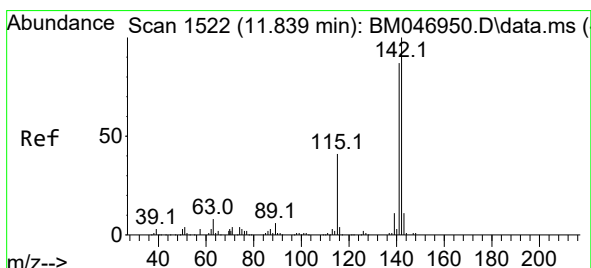
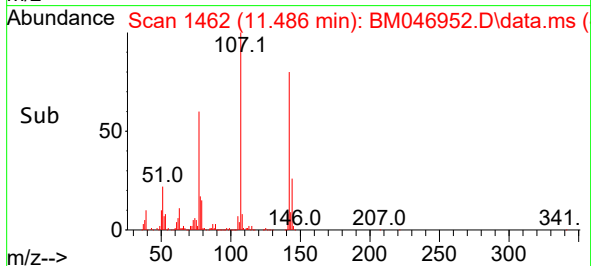
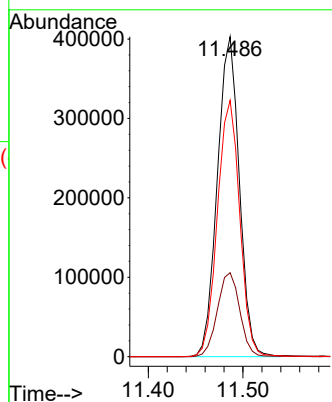
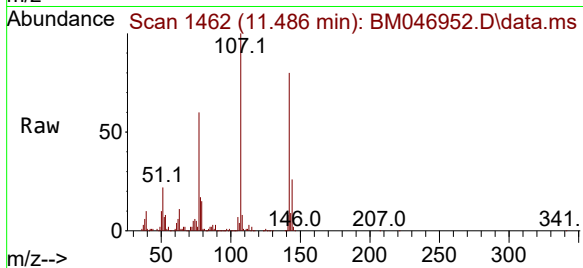
Tgt Ion:107 Resp: 651791

Ion Ratio Lower Upper

107 100

144 26.3 21.1 31.7

142 80.1 65.3 97.9



#36

2-Methylnaphthalene

Concen: 65.837 ng/ul

RT: 11.839 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BM046952.D

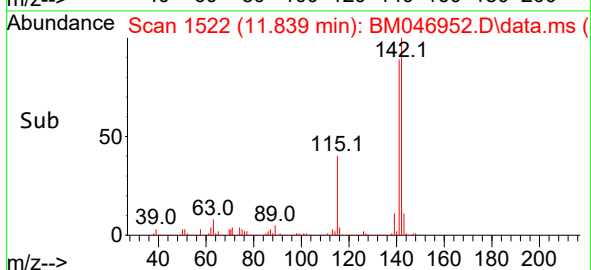
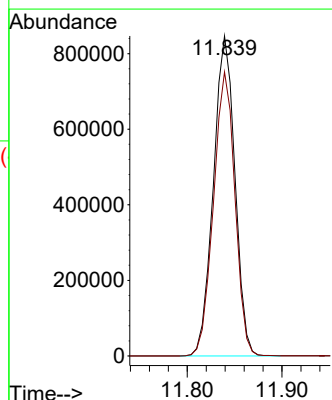
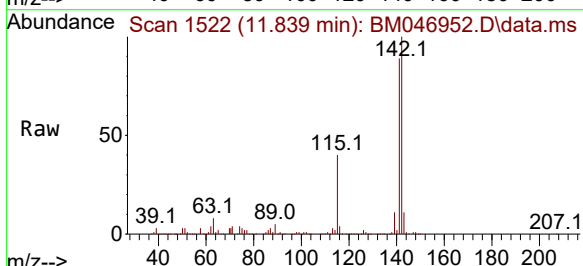
Acq: 02 Aug 2024 17:03

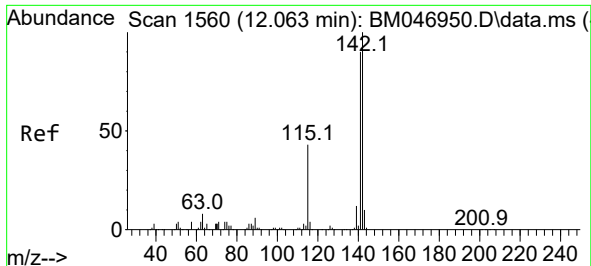
Tgt Ion:142 Resp: 1339027

Ion Ratio Lower Upper

142 100

141 88.8 69.9 104.9

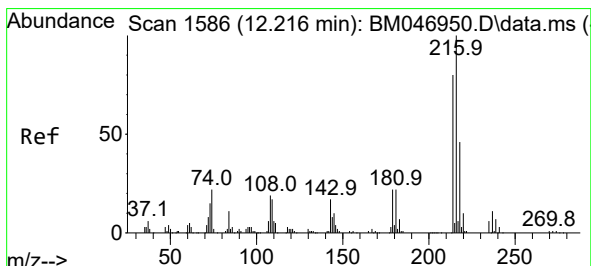
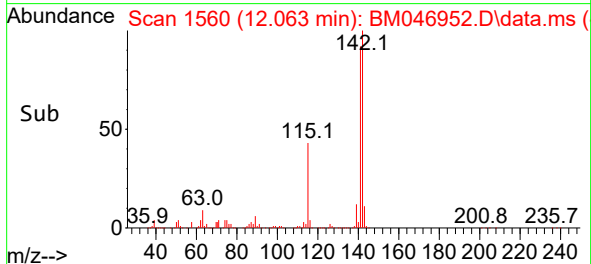
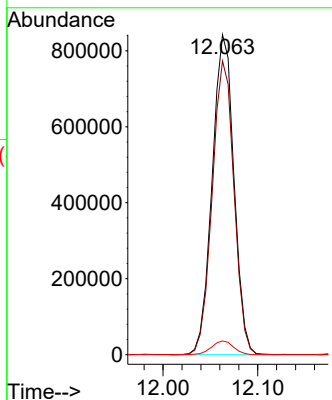
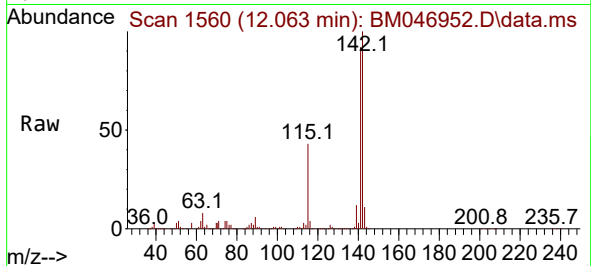




#37
1-Methylnaphthalene
Concen: 66.825 ng/ul
RT: 12.063 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

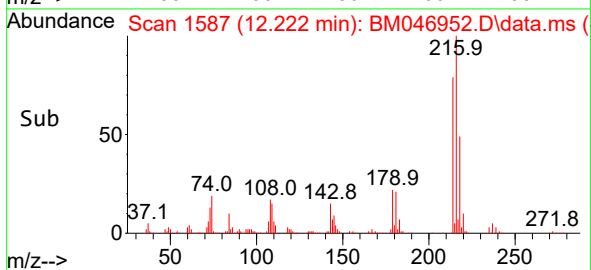
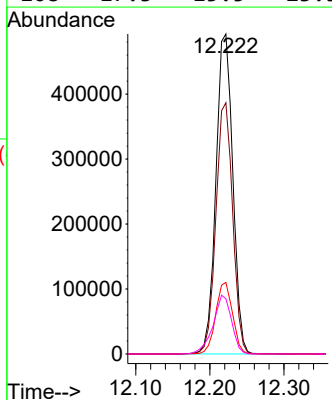
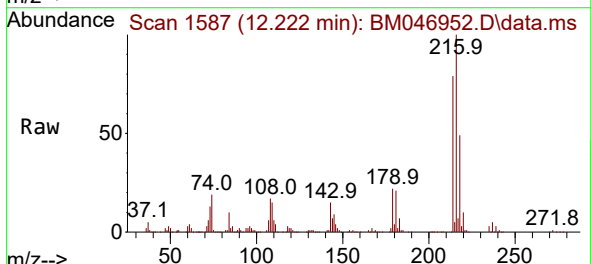
Instrument :
BNA_M
ClientSampleId :

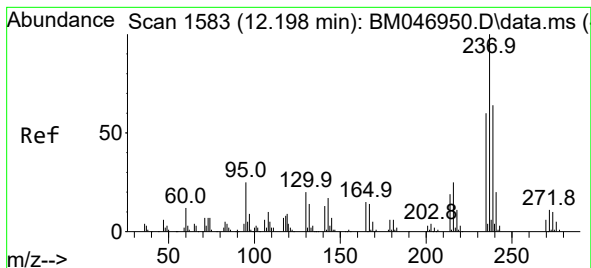
Tgt Ion:142 Resp: 1342515
Ion Ratio Lower Upper
142 100
141 91.8 72.0 108.0
116 4.3 3.6 5.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 63.053 ng/ul
RT: 12.222 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:216 Resp: 778798
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 22.3 17.3 25.9
108 17.3 15.5 23.3

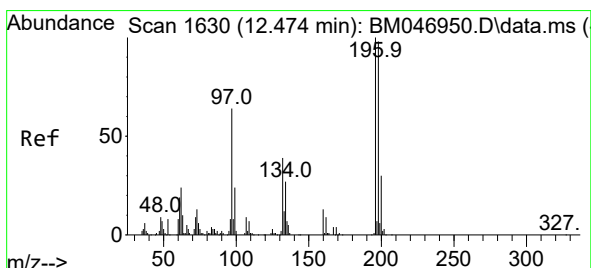
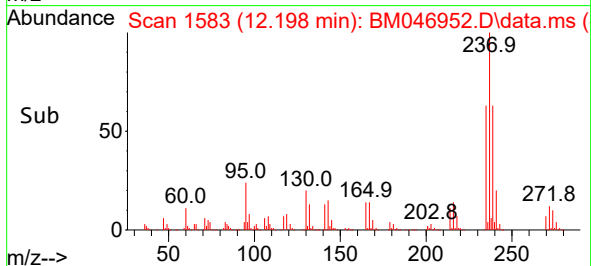
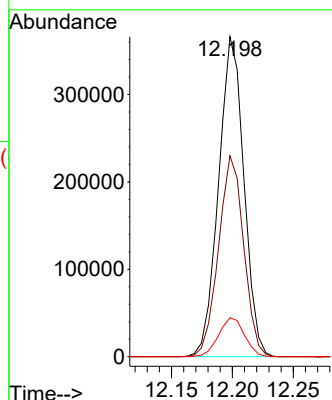
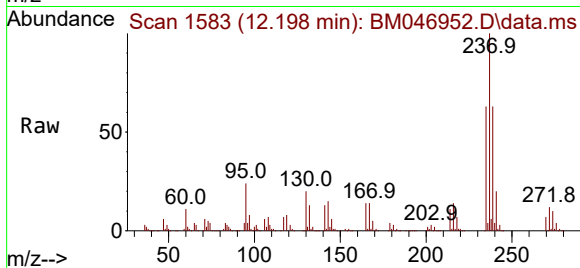




#40
Hexachlorocyclopentadiene
Concen: 73.140 ng/ul
RT: 12.198 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

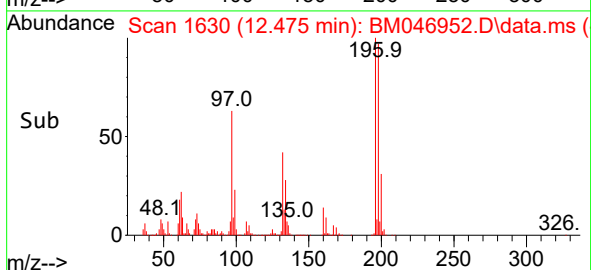
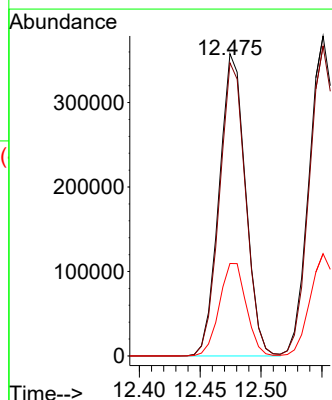
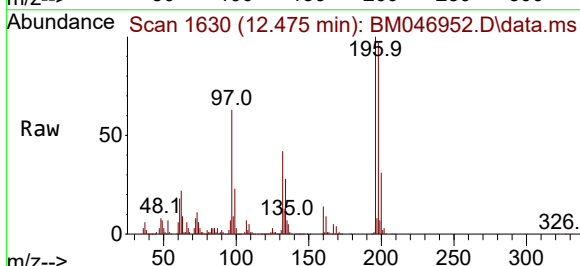
Instrument :
BNA_M
ClientSampleId :

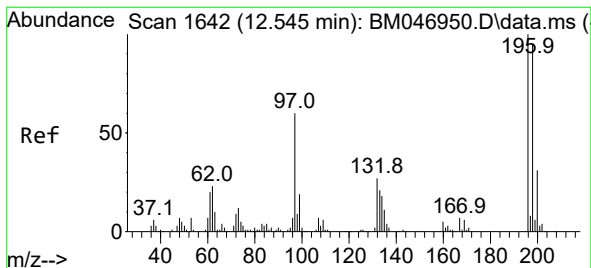
Tgt Ion:237 Resp: 529768
Ion Ratio Lower Upper
237 100
235 62.8 48.4 72.6
272 12.2 8.8 13.2



#41
2,4,6-Trichlorophenol
Concen: 70.179 ng/ul
RT: 12.475 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:196 Resp: 539580
Ion Ratio Lower Upper
196 100
198 97.0 78.7 118.1
200 30.6 23.9 35.9





#42

2,4,5-Trichlorophenol

Concen: 70.364 ng/ul

RT: 12.551 min Scan# 1

Delta R.T. 0.006 min

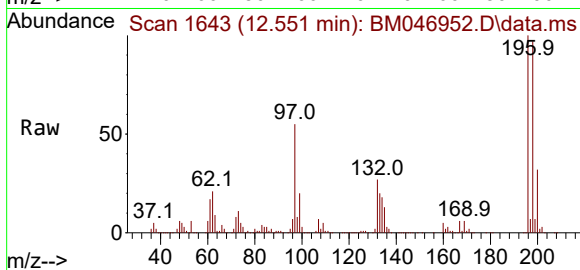
Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :



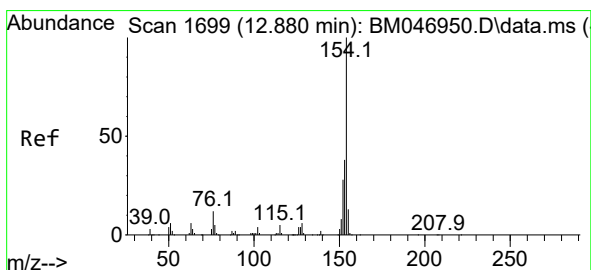
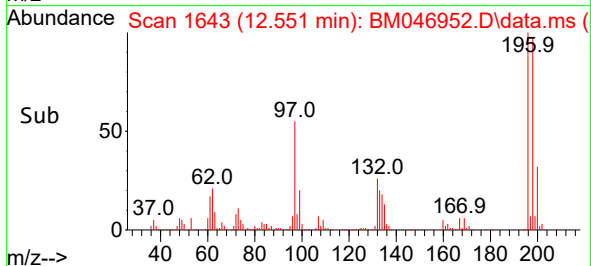
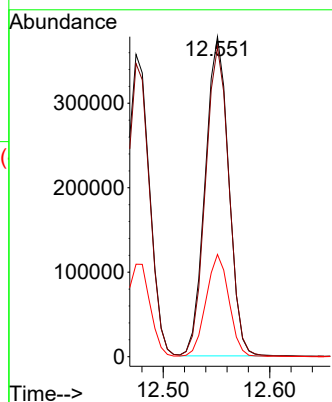
Tgt Ion:196 Resp: 580553

Ion Ratio Lower Upper

196 100

198 96.8 76.2 114.2

200 32.0 25.0 37.6



#43

1,1'-Biphenyl

Concen: 72.952 ng/ul

RT: 12.886 min Scan# 1700

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

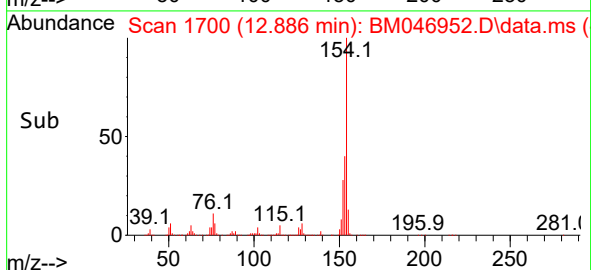
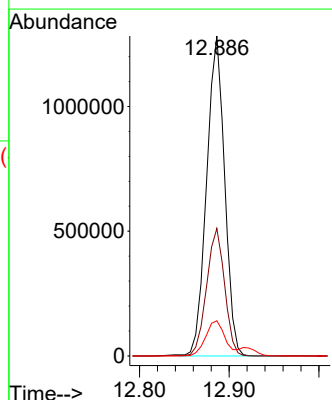
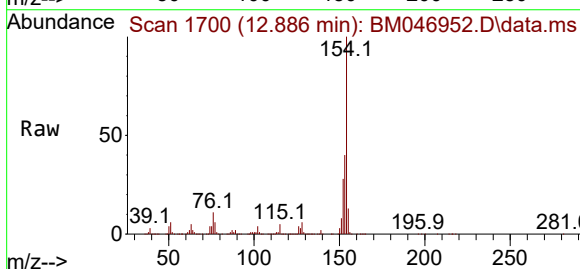
Tgt Ion:154 Resp: 1784616

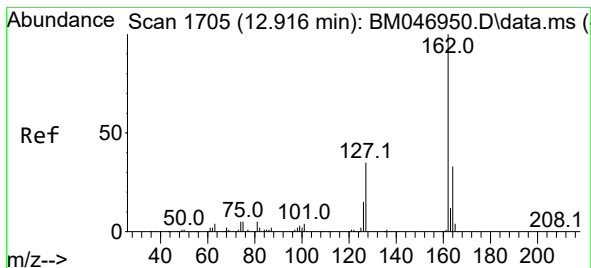
Ion Ratio Lower Upper

154 100

153 39.8 30.7 46.1

76 11.0 9.3 13.9





#44

2-Chloronaphthalene

Concen: 70.140 ng/ul

RT: 12.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

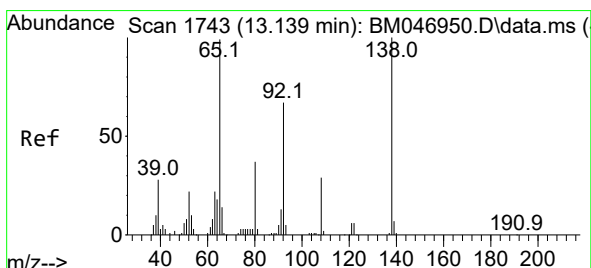
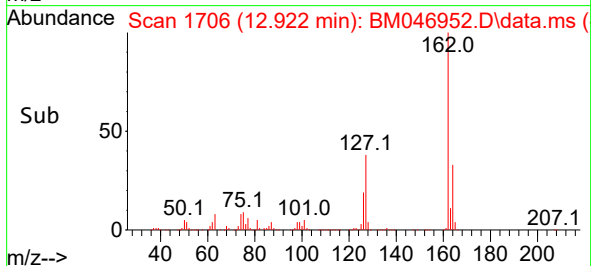
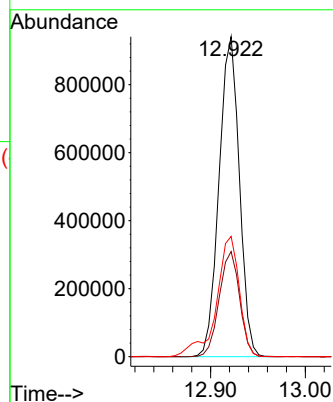
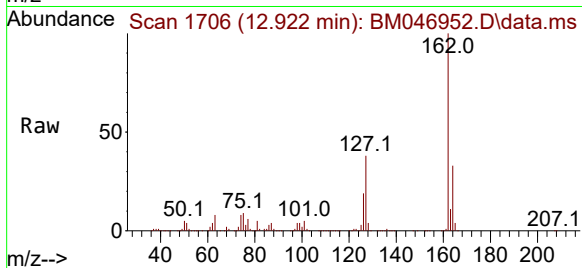
Tgt Ion:162 Resp: 1403559

Ion Ratio Lower Upper

162 100

164 32.8 26.5 39.7

127 37.6 30.6 45.8



#45

2-Nitroaniline

Concen: 95.722 ng/ul

RT: 13.145 min Scan# 1744

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

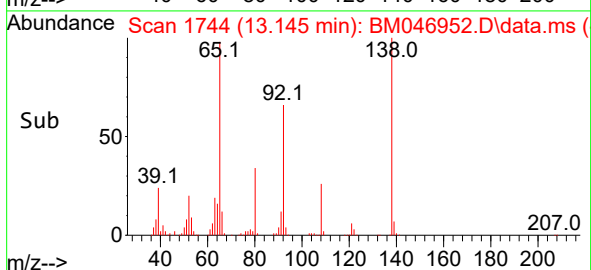
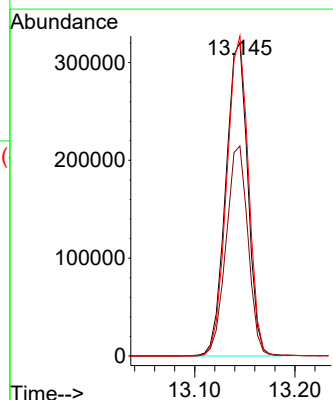
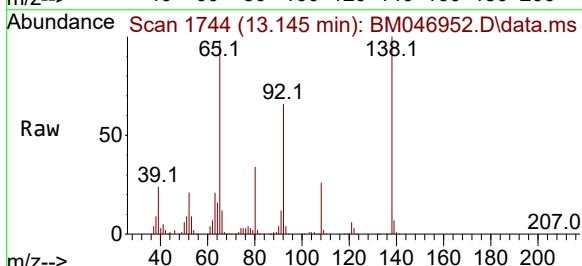
Tgt Ion: 65 Resp: 489531

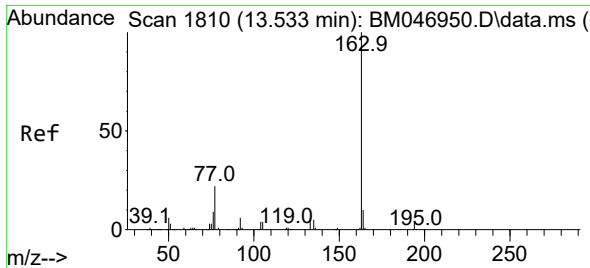
Ion Ratio Lower Upper

65 100

92 67.1 54.0 81.0

138 102.1 81.0 121.4





#47

Dimethylphthalate

Concen: 79.268 ng/ul

RT: 13.539 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

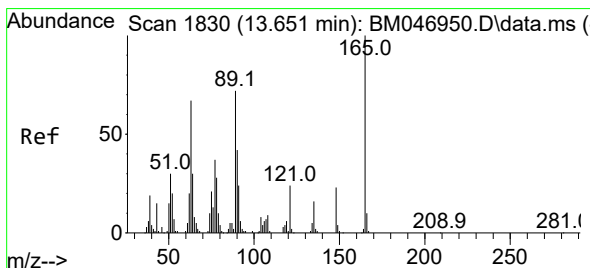
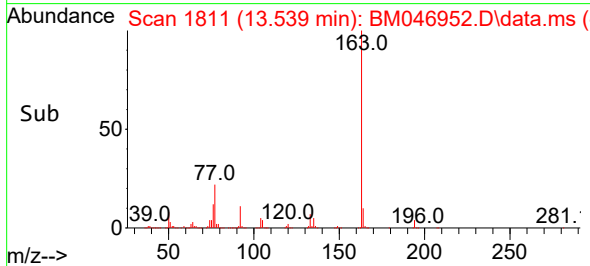
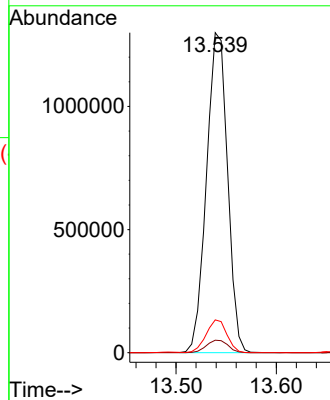
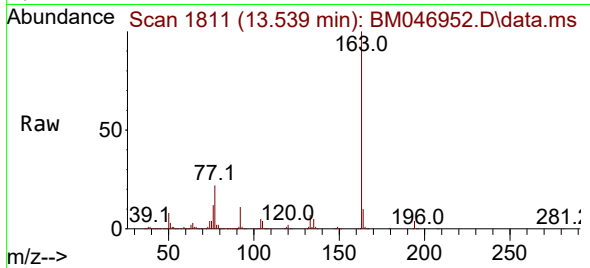
Tgt Ion:163 Resp: 1899713

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 86.330 ng/ul

RT: 13.657 min Scan# 1831

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

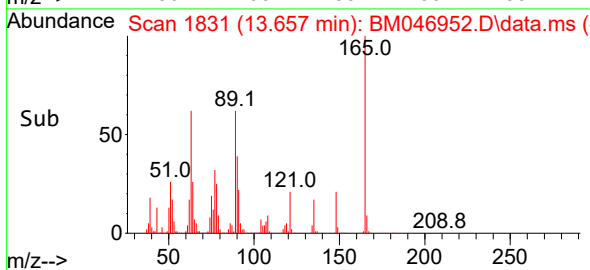
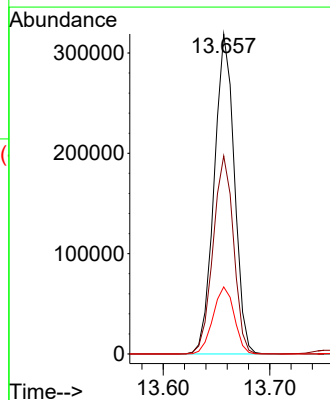
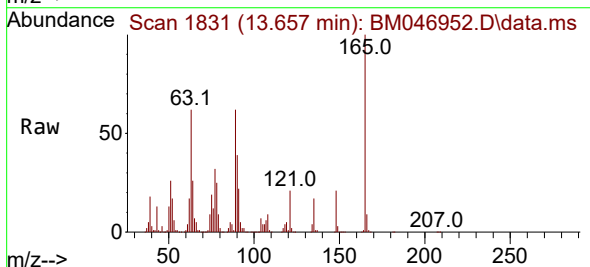
Tgt Ion:165 Resp: 418463

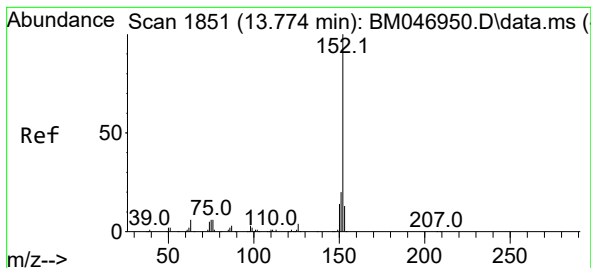
Ion Ratio Lower Upper

165 100

89 61.9 57.8 86.8

121 20.9 19.4 29.0





#50

Acenaphthylene

Concen: 79.834 ng/ul

RT: 13.780 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

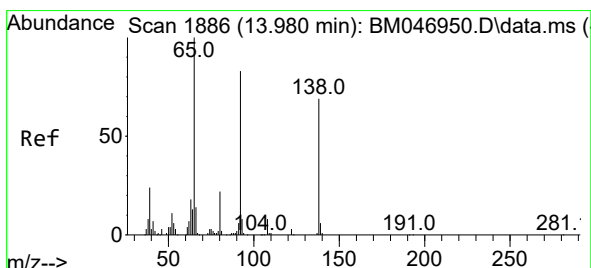
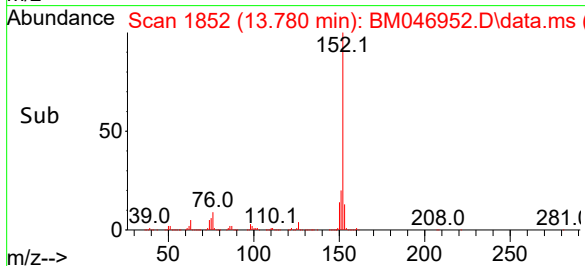
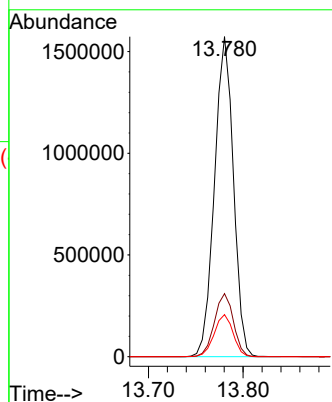
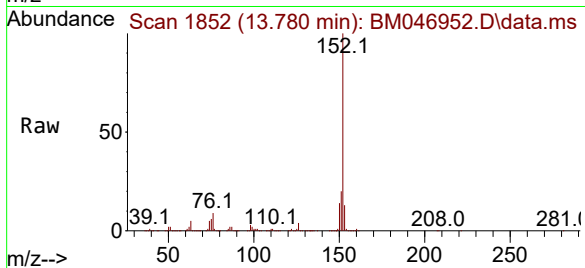
Tgt Ion:152 Resp: 2182326

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.2 10.1 15.1



#51

3-Nitroaniline

Concen: 84.864 ng/ul

RT: 13.986 min Scan# 1887

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

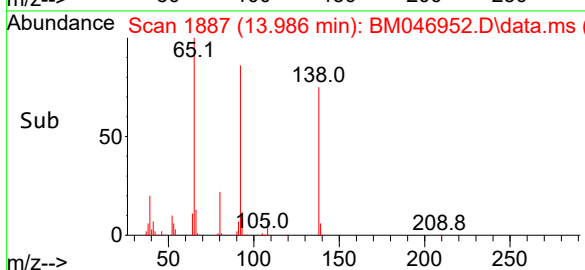
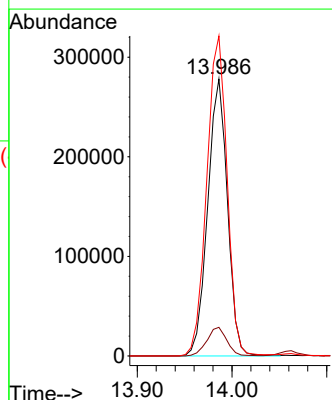
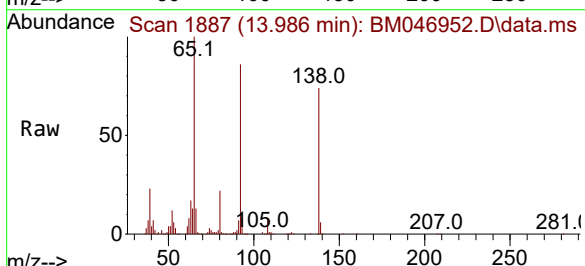
Tgt Ion:138 Resp: 402733

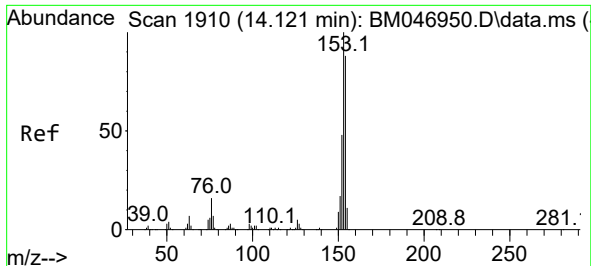
Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.2

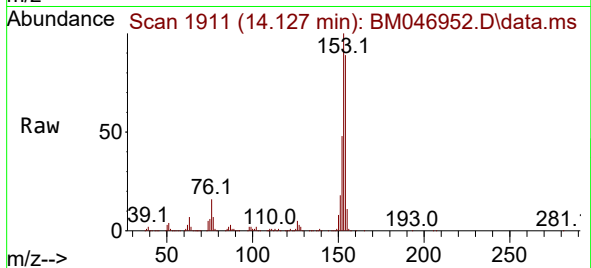
92 115.6 96.6 144.8



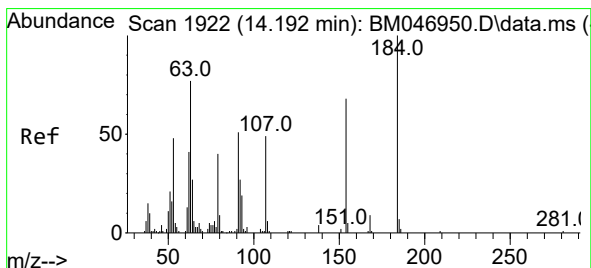
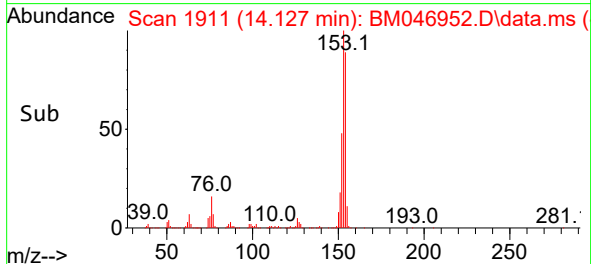
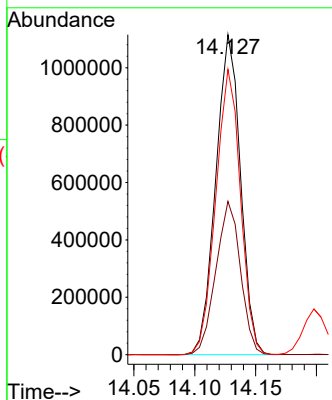


#52
Acenaphthene
Concen: 79.429 ng/ul
RT: 14.127 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Instrument :
BNA_M
ClientSampleId :

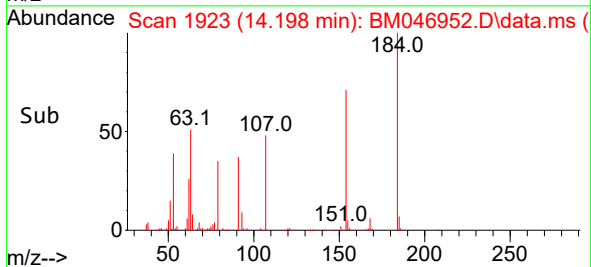
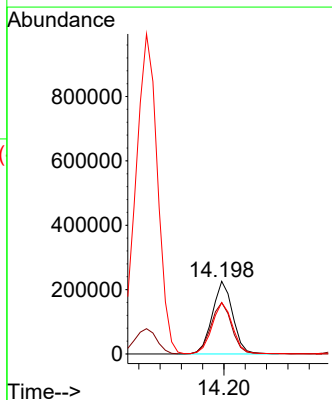
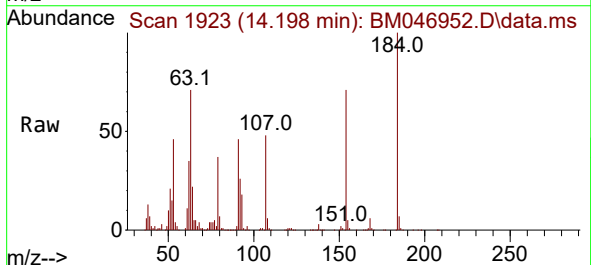


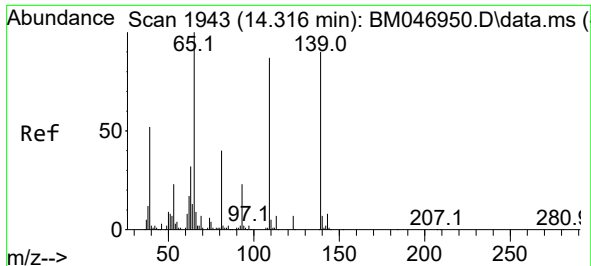
Tgt Ion:153 Resp: 1578369
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.2
154 89.2 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 84.550 ng/ul
RT: 14.198 min Scan# 1923
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:184 Resp: 301027
Ion Ratio Lower Upper
184 100
63 70.7 61.9 92.9
154 70.8 55.6 83.4

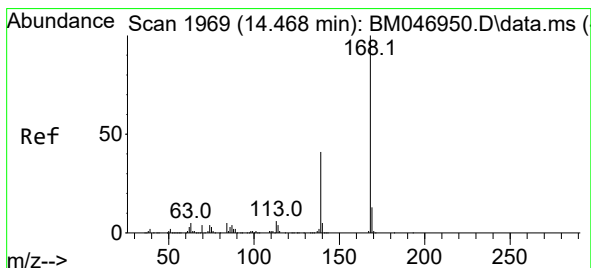
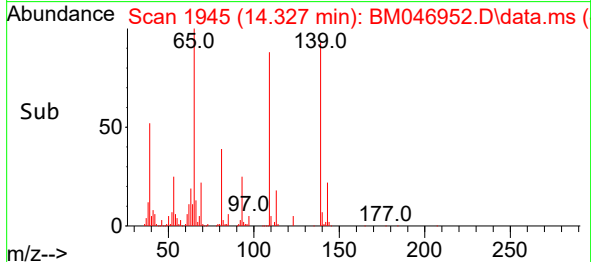
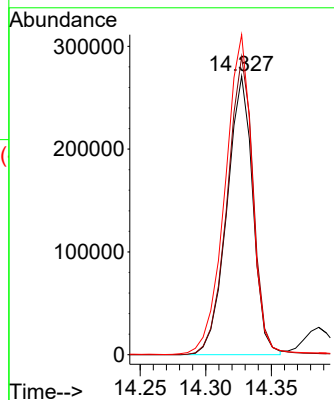
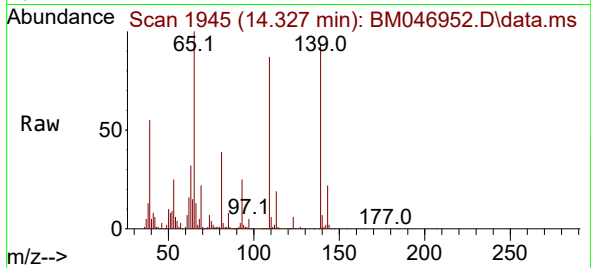




#55
4-Nitrophenol
Concen: 68.663 ng/ul
RT: 14.327 min Scan# 1945
Delta R.T. 0.012 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

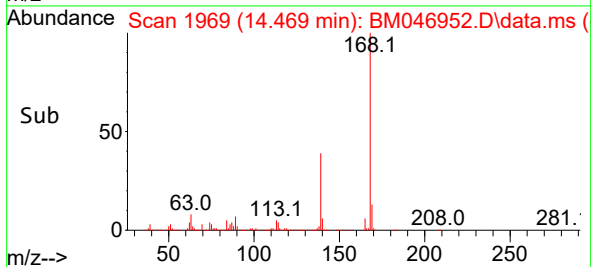
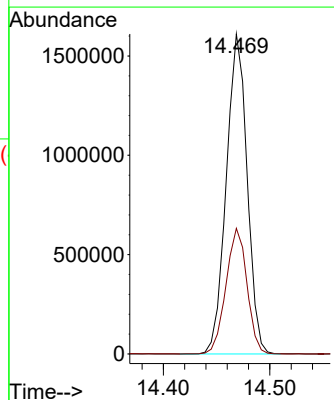
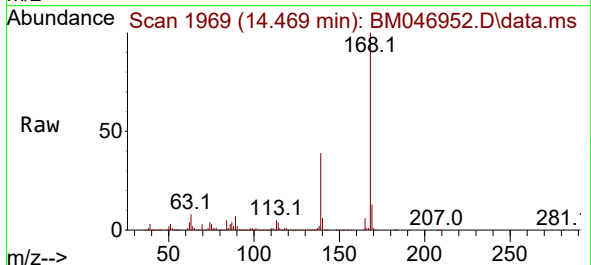
Instrument :
BNA_M
ClientSampleId :

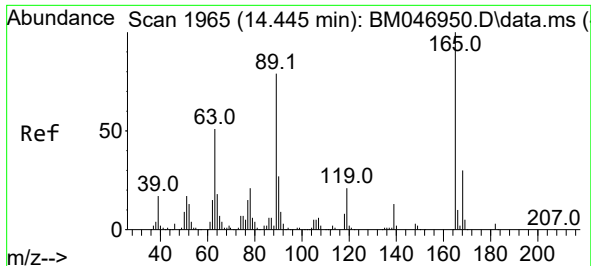
Tgt Ion:109 Resp: 372068
Ion Ratio Lower Upper
109 100
139 107.0 82.3 123.5
65 114.9 92.6 139.0



#56
Dibenzofuran
Concen: 72.487 ng/ul
RT: 14.469 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:168 Resp: 2190066
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.4





#57

2,4-Dinitrotoluene

Concen: 82.570 ng/ul

RT: 14.457 min Scan# 1965

Delta R.T. 0.012 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

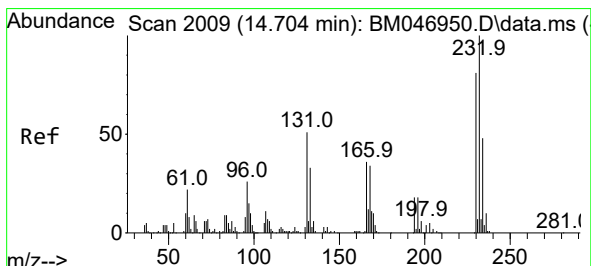
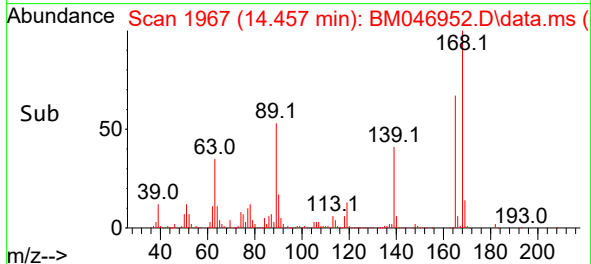
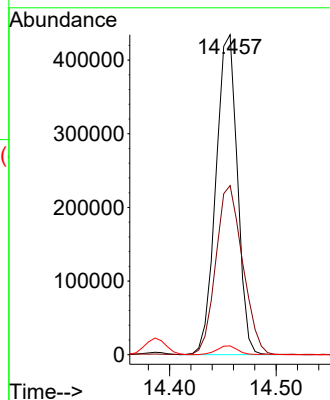
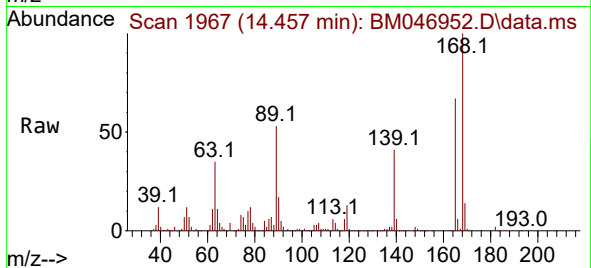
Tgt Ion:165 Resp: 607480

Ion Ratio Lower Upper

165 100

63 52.8 41.4 62.0

182 2.8 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 73.339 ng/ul

RT: 14.704 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Tgt Ion:232 Resp: 525658

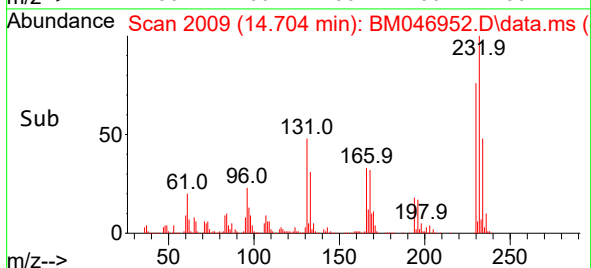
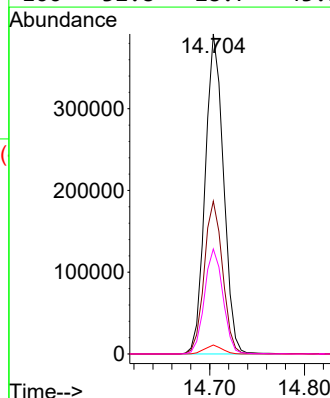
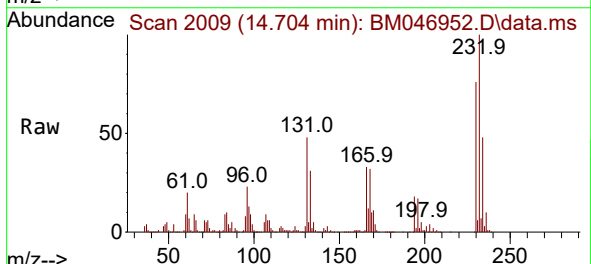
Ion Ratio Lower Upper

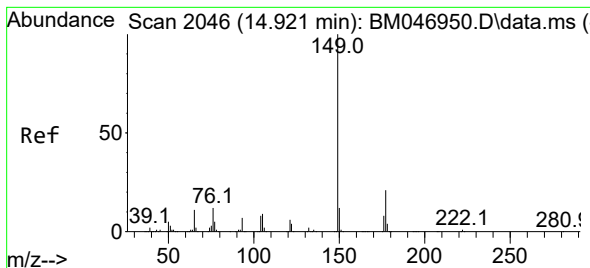
232 100

131 47.7 40.8 61.2

130 2.8 2.6 3.8

166 32.8 28.7 43.1





#59

Diethylphthalate

Concen: 81.233 ng/ul

RT: 14.927 min Scan# 2046

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

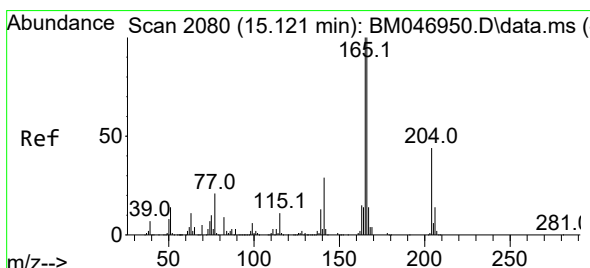
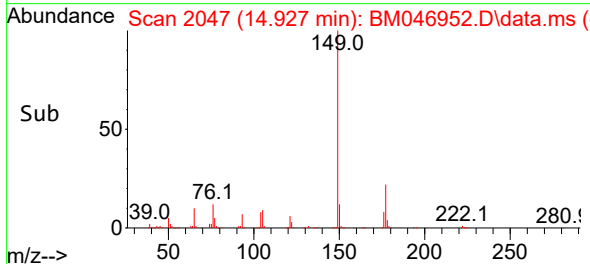
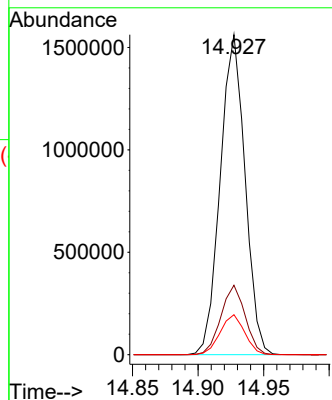
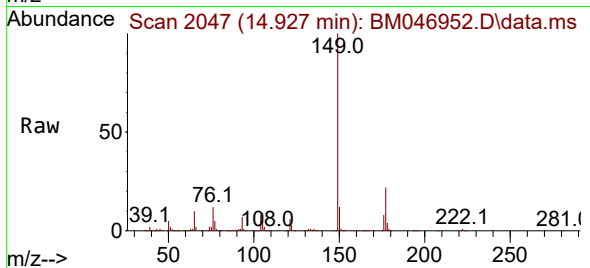
Tgt Ion:149 Resp: 2052043

Ion Ratio Lower Upper

149 100

177 21.7 16.5 24.7

150 12.5 9.7 14.5



#61

Fluorene

Concen: 73.239 ng/ul

RT: 15.127 min Scan# 2081

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

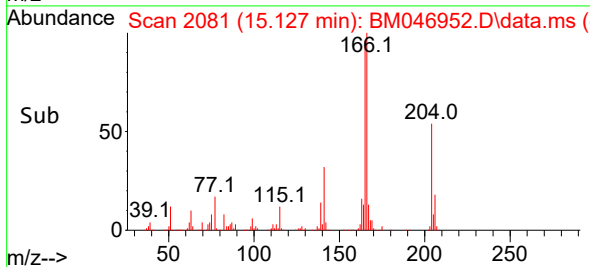
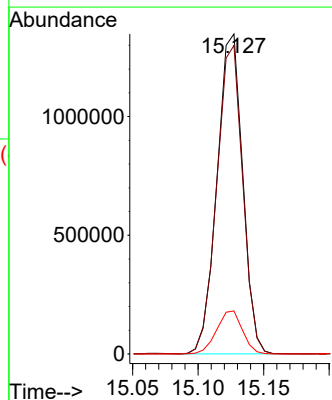
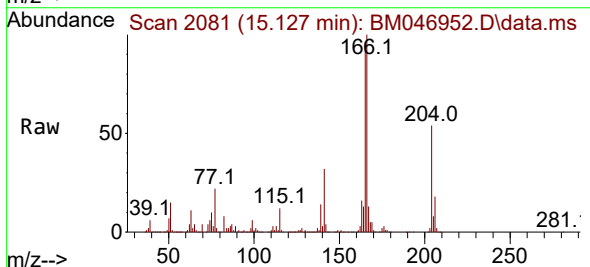
Tgt Ion:166 Resp: 1836718

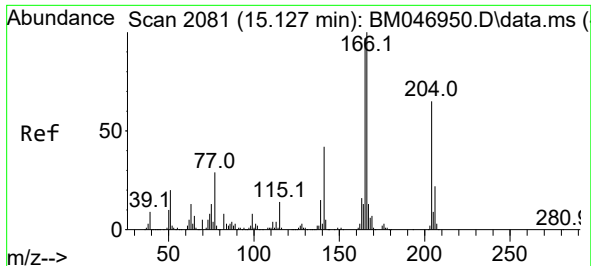
Ion Ratio Lower Upper

166 100

165 96.4 79.5 119.3

167 13.5 11.5 17.3

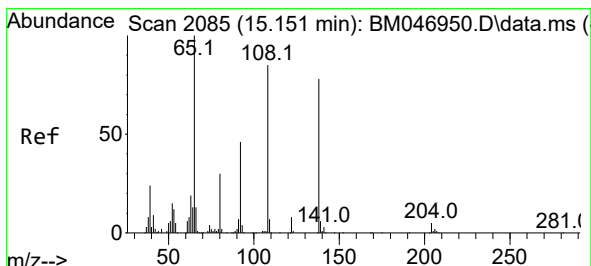
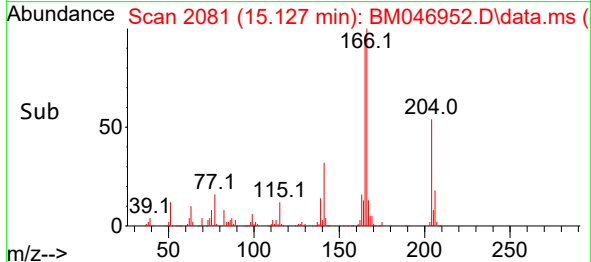
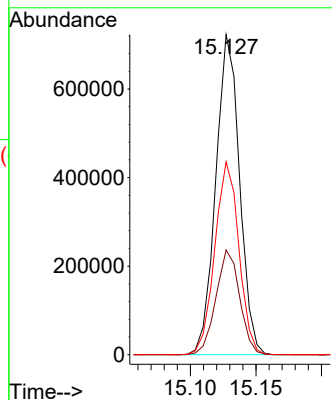
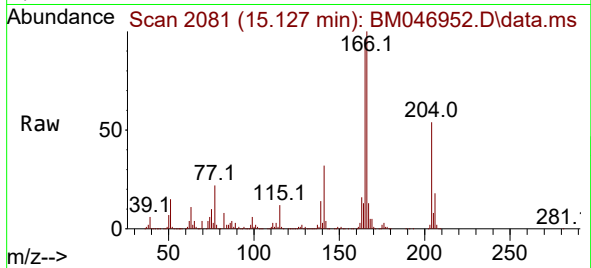




#62
4-Chlorophenyl-phenylether
Concen: 65.148 ng/ul
RT: 15.127 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

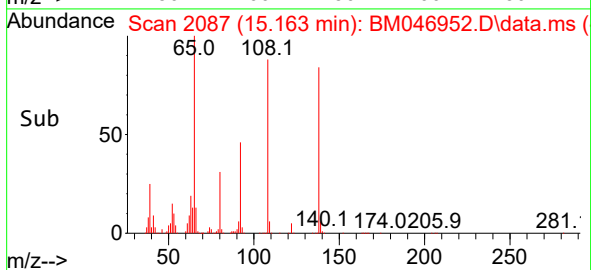
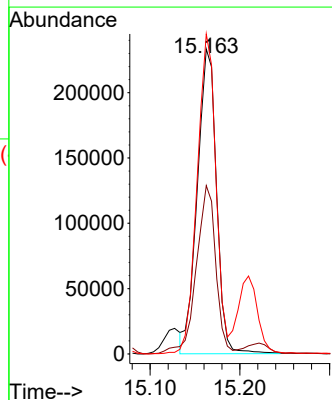
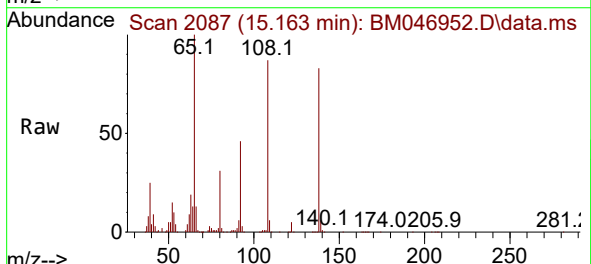
Instrument :
BNA_M
ClientSampleId :

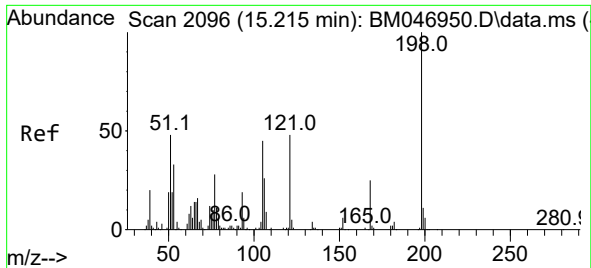
Tgt Ion:204 Resp: 910688
Ion Ratio Lower Upper
204 100
206 32.8 27.0 40.4
141 60.2 52.2 78.4



#63
4-Nitroaniline
Concen: 71.059 ng/ul
RT: 15.163 min Scan# 2087
Delta R.T. 0.012 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:138 Resp: 347763
Ion Ratio Lower Upper
138 100
92 55.2 47.7 71.5
108 104.9 87.3 130.9

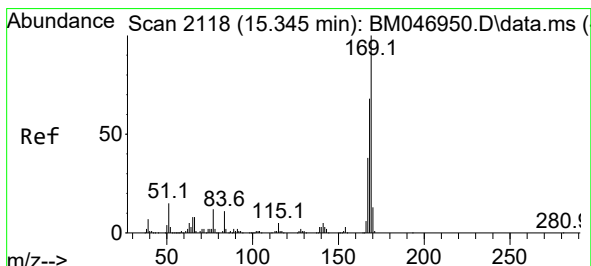
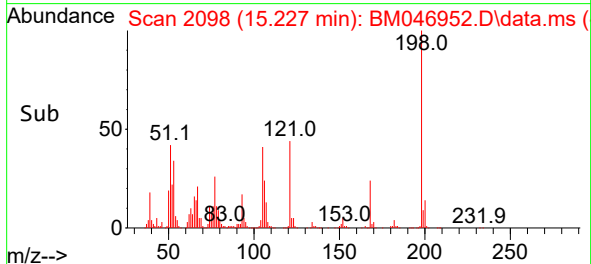
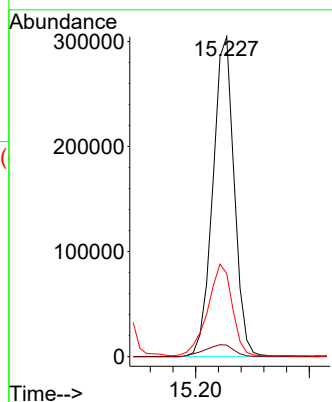
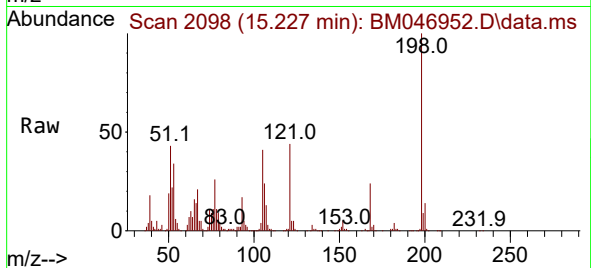




#66
4,6-Dinitro-2-methylphenol
Concen: 78.083 ng/ul
RT: 15.227 min Scan# 2098
Delta R.T. 0.012 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

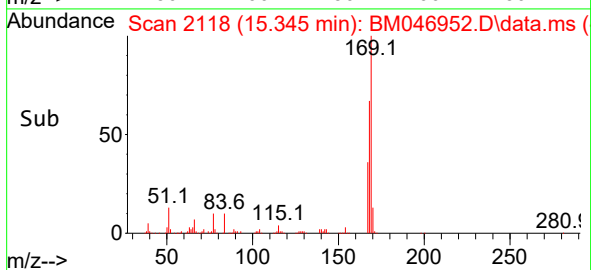
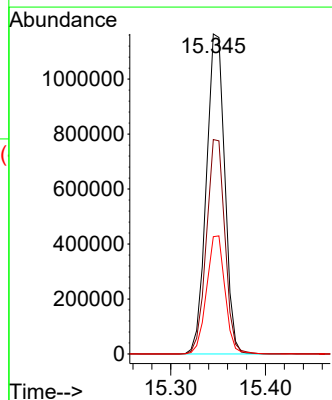
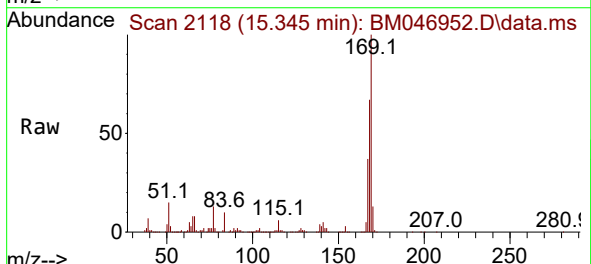
Instrument :
BNA_M
ClientSampleId :

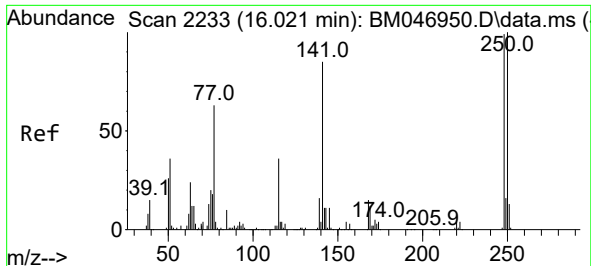
Tgt Ion:198 Resp: 397955
Ion Ratio Lower Upper
198 100
182 3.6 3.6 5.4#
77 26.0 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 79.236 ng/ul
RT: 15.345 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

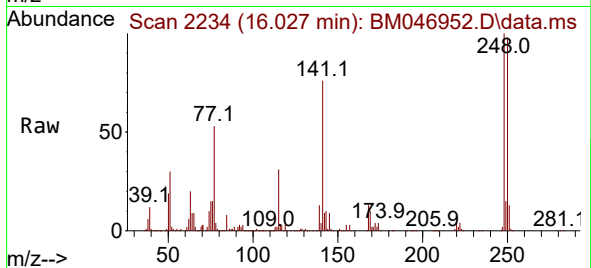
Tgt Ion:169 Resp: 1569678
Ion Ratio Lower Upper
169 100
168 67.0 54.0 81.0
167 36.7 30.2 45.2



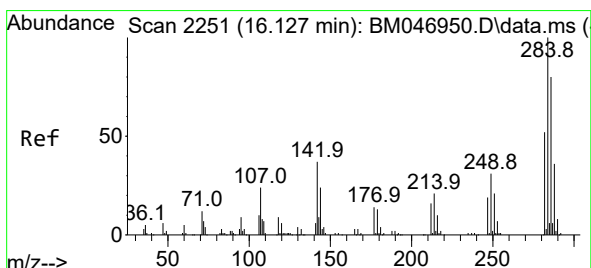
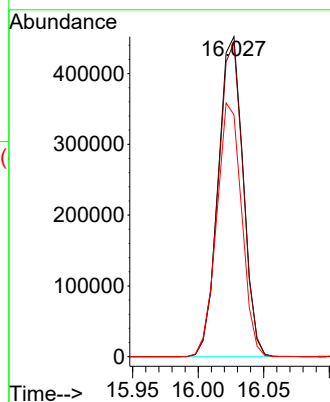
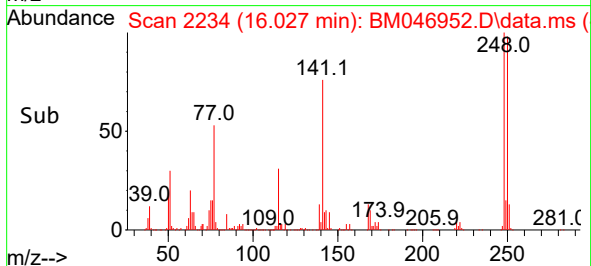


#68
4-Bromophenyl-phenylether
Concen: 70.900 ng/ul
RT: 16.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Instrument :
BNA_M
ClientSampleId :

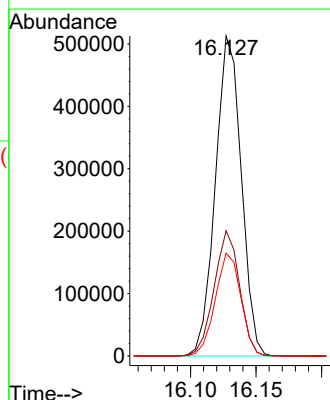
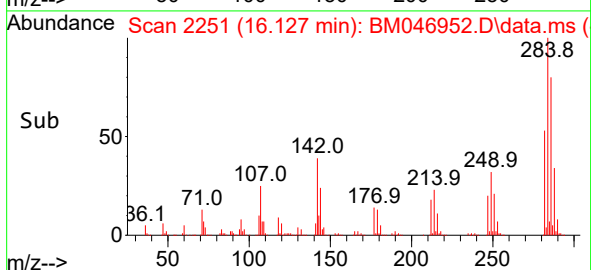
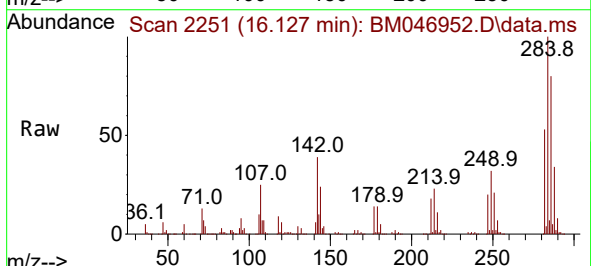


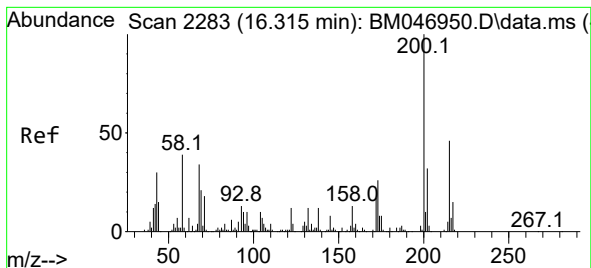
Tgt Ion:248 Resp: 598403
Ion Ratio Lower Upper
248 100
250 98.2 80.7 121.1
141 75.6 68.6 103.0



#69
Hexachlorobenzene
Concen: 70.595 ng/ul
RT: 16.127 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:284 Resp: 703861
Ion Ratio Lower Upper
284 100
142 39.2 30.0 45.0
249 32.2 24.6 36.8





#70

Atrazine

Concen: 78.279 ng/ul

RT: 16.321 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

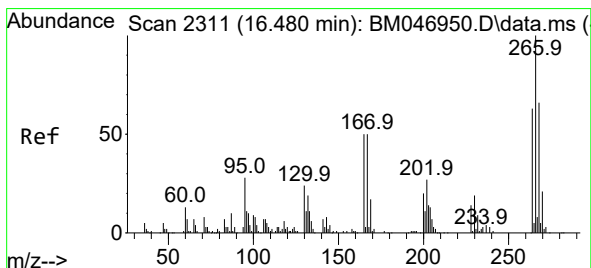
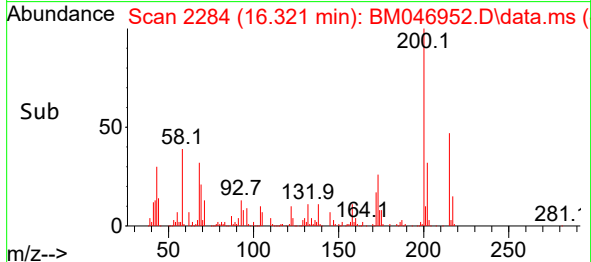
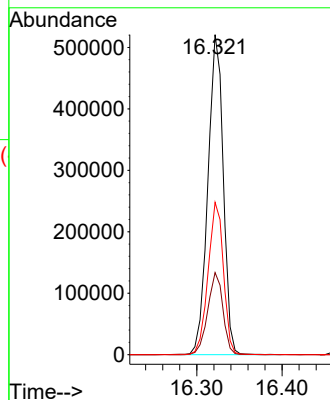
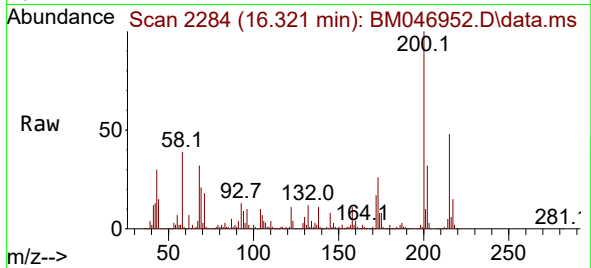
Tgt Ion:200 Resp: 652041

Ion Ratio Lower Upper

200 100

173 25.7 21.4 32.0

215 47.6 36.7 55.1



#71

Pentachlorophenol

Concen: 76.684 ng/ul

RT: 16.480 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

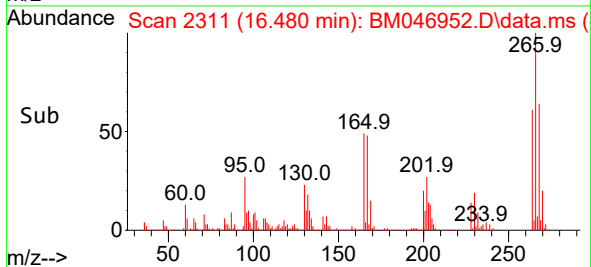
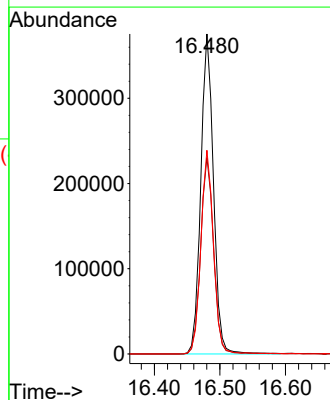
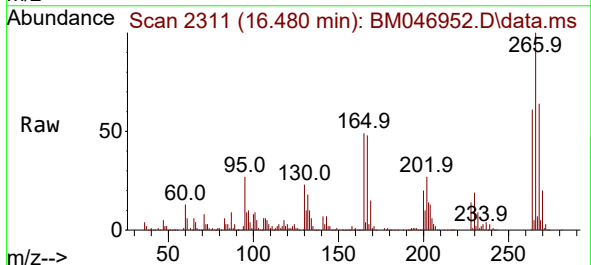
Tgt Ion:266 Resp: 505921

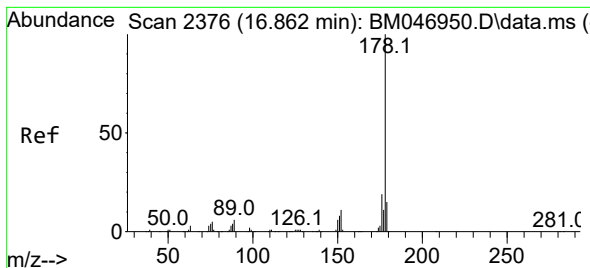
Ion Ratio Lower Upper

266 100

264 61.4 50.7 76.1

268 63.7 53.0 79.6





#72

Phenanthrene

Concen: 78.811 ng/ul

RT: 16.868 min Scan# 2376

Delta R.T. 0.006 min

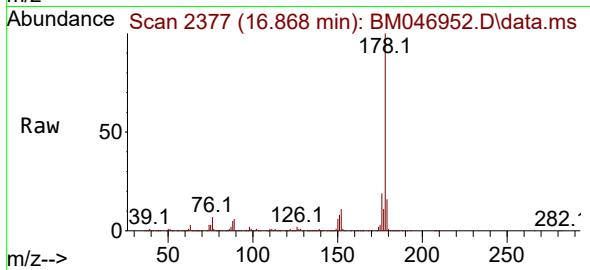
Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :



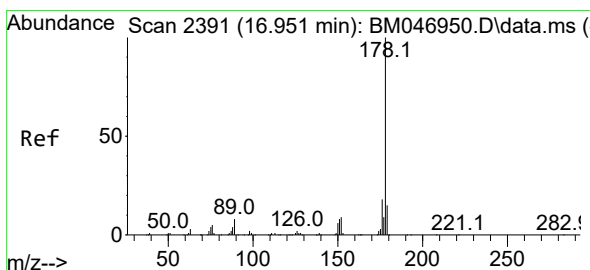
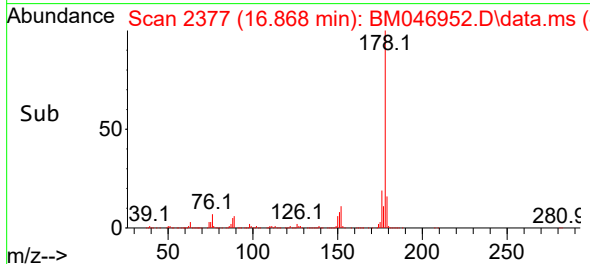
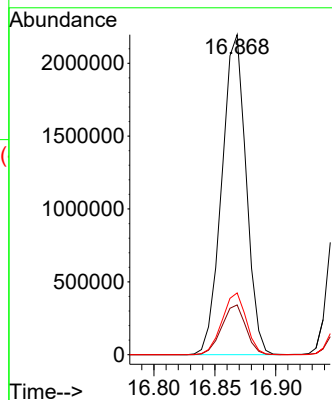
Tgt Ion:178 Resp: 3047556

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.3 15.3 22.9



#74

Anthracene

Concen: 76.763 ng/ul

RT: 16.957 min Scan# 2392

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

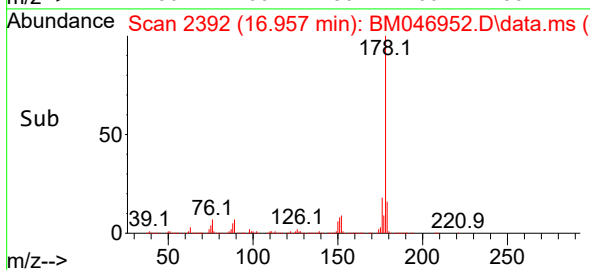
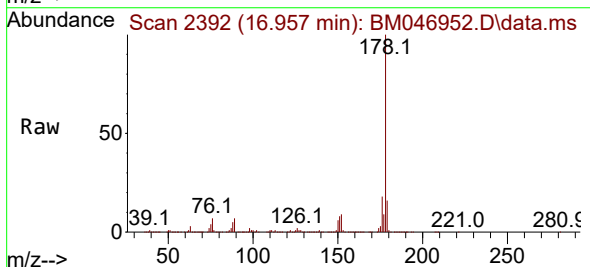
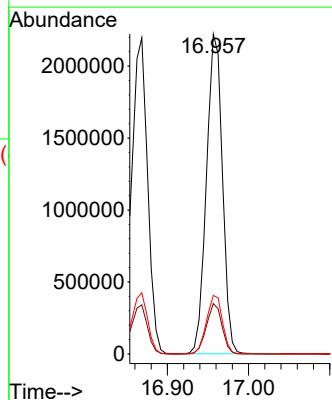
Tgt Ion:178 Resp: 3031868

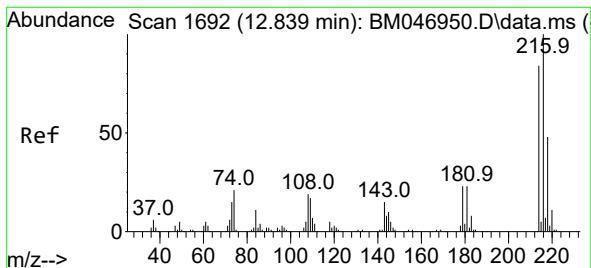
Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 18.3 14.6 22.0

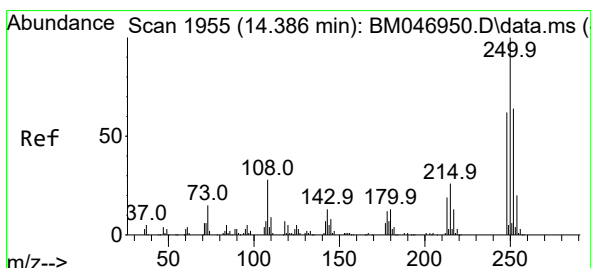
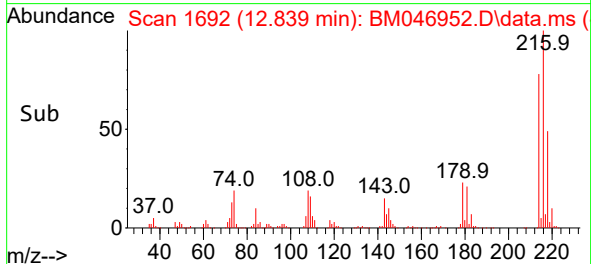
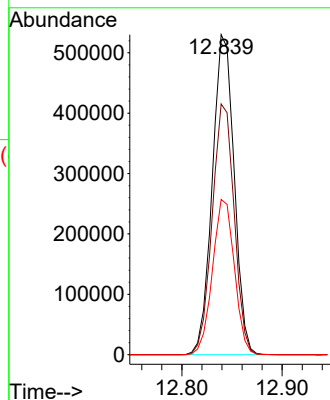
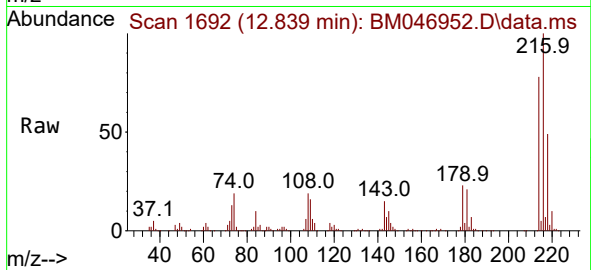




#75
1,2,3,4-Tetrachlorobenzene
Concen: 71.687 ng/uL
RT: 12.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

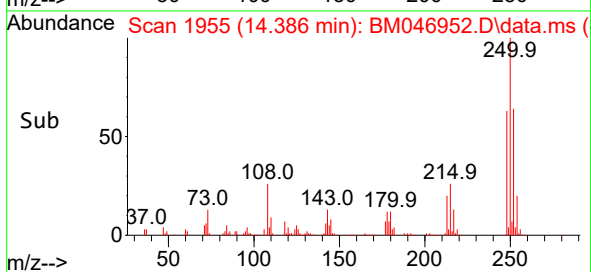
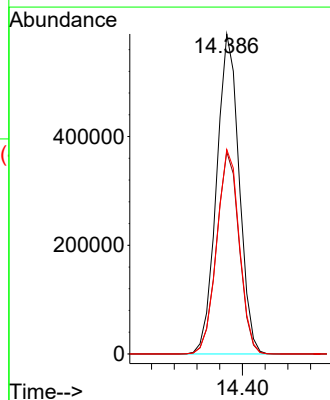
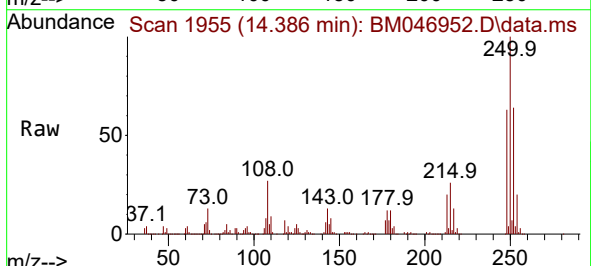
Instrument :
BNA_M
ClientSampleId :

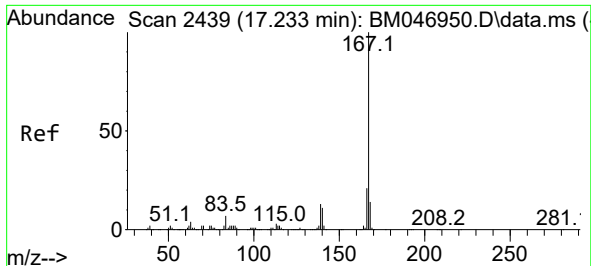
Tgt Ion:216 Resp: 803674
Ion Ratio Lower Upper
216 100
214 78.4 67.0 100.6
218 48.5 38.7 58.1



#76
Pentachlorobenzene
Concen: 70.279 ng/uL
RT: 14.386 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM046952.D
Acq: 02 Aug 2024 17:03

Tgt Ion:250 Resp: 811698
Ion Ratio Lower Upper
250 100
248 63.1 49.6 74.4
252 63.9 51.4 77.0

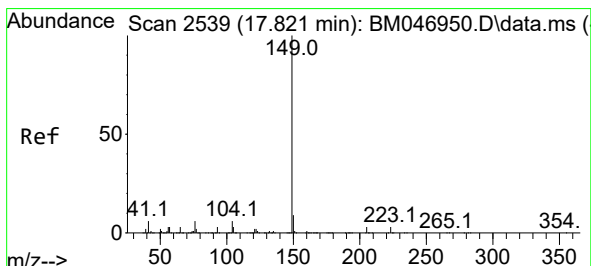
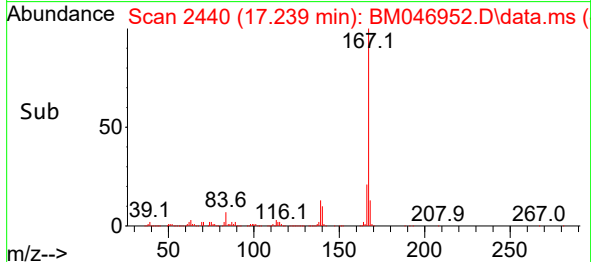
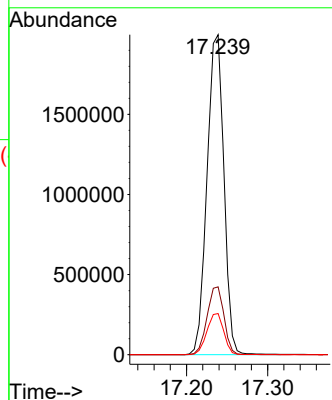
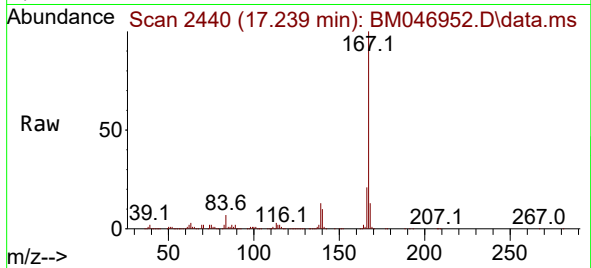




#77
 Carbazole
 Concen: 80.860 ng/ul
 RT: 17.239 min Scan# 2439
 Delta R.T. 0.006 min
 Lab File: BM046952.D
 Acq: 02 Aug 2024 17:03

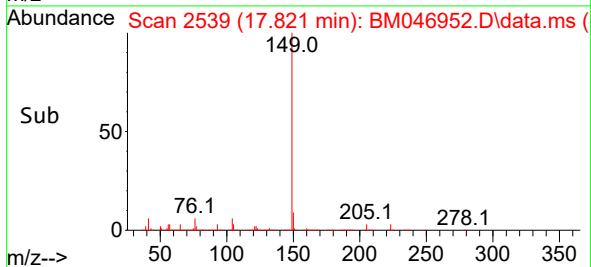
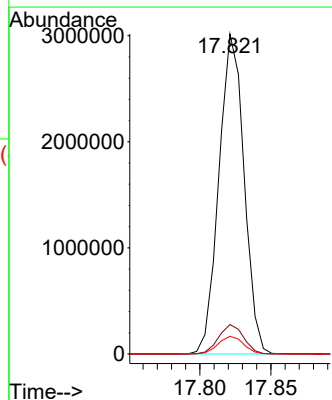
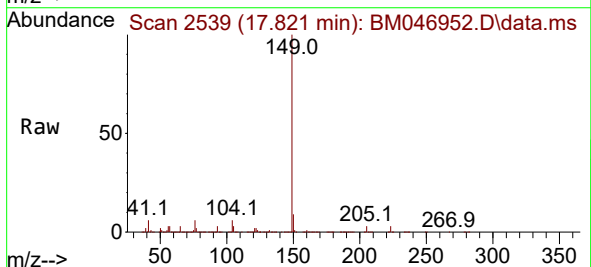
Instrument :
 BNA_M
 ClientSampleId :

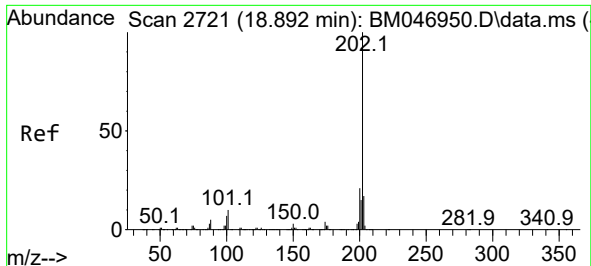
Tgt Ion:167 Resp: 2877729
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.8 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 88.764 ng/ul
 RT: 17.821 min Scan# 2539
 Delta R.T. 0.000 min
 Lab File: BM046952.D
 Acq: 02 Aug 2024 17:03

Tgt Ion:149 Resp: 3709703
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 5.5 4.8 7.2

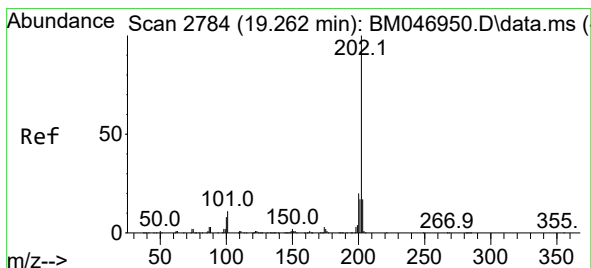
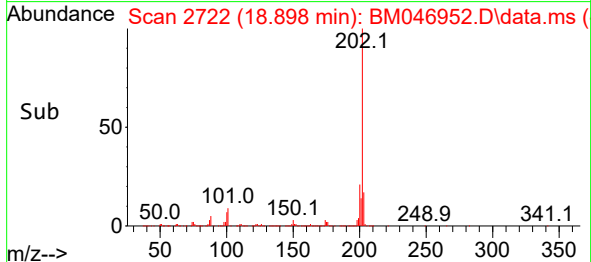
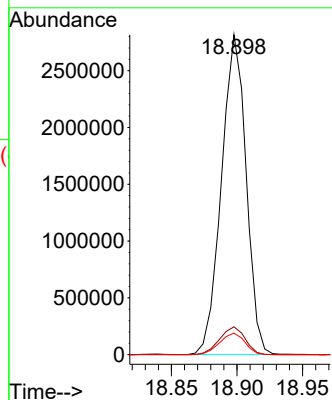
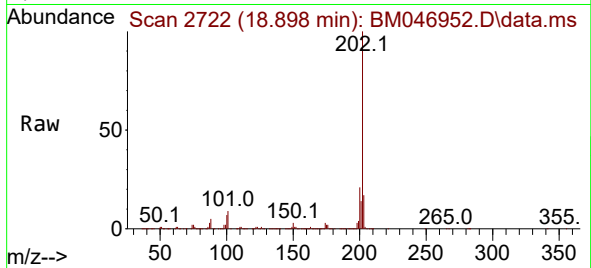




#80
 Fluoranthene
 Concen: 87.509 ng/uI
 RT: 18.898 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM046952.D
 Acq: 02 Aug 2024 17:03

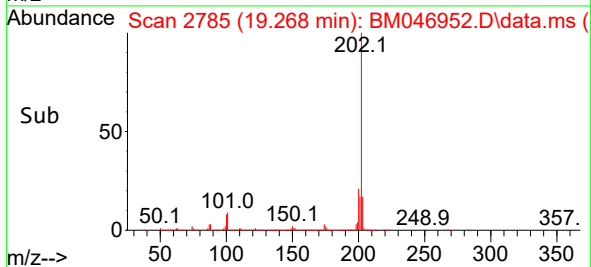
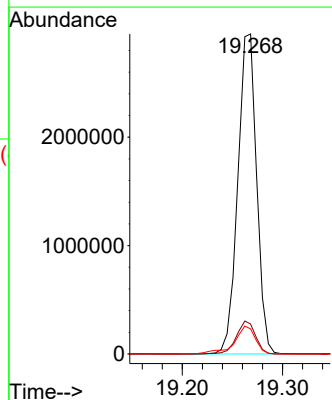
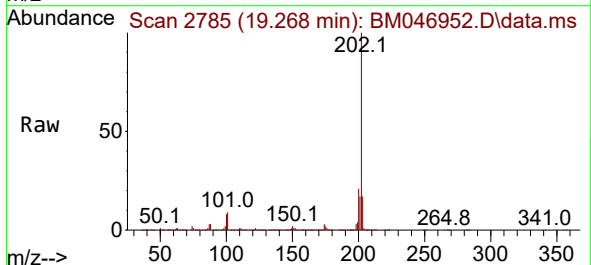
Instrument :
 BNA_M
 ClientSampleId :

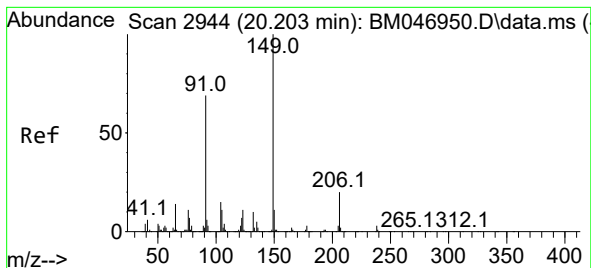
Tgt Ion:202 Resp: 3681348
 Ion Ratio Lower Upper
 202 100
 101 8.7 7.8 11.6
 100 6.8 5.9 8.9



#82
 Pyrene
 Concen: 94.129 ng/uI
 RT: 19.268 min Scan# 2785
 Delta R.T. 0.006 min
 Lab File: BM046952.D
 Acq: 02 Aug 2024 17:03

Tgt Ion:202 Resp: 3858752
 Ion Ratio Lower Upper
 202 100
 101 9.4 8.7 13.1
 100 7.9 6.8 10.2





#83

Butylbenzylphthalate

Concen: 109.982 ng/ul

RT: 20.203 min Scan# 2944

Delta R.T. 0.000 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

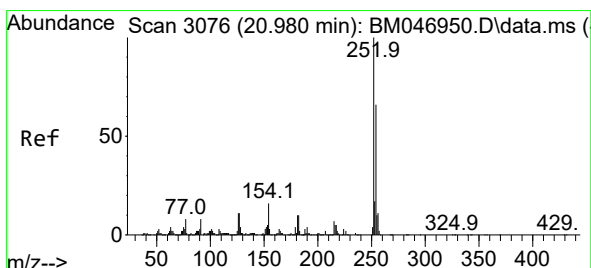
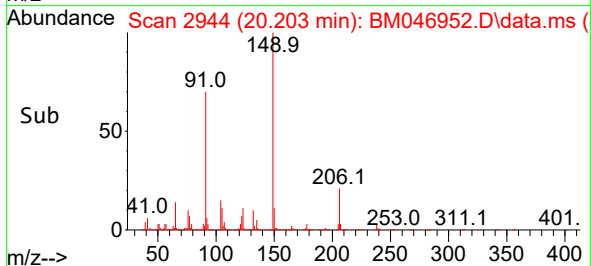
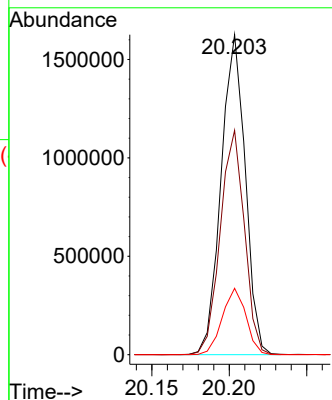
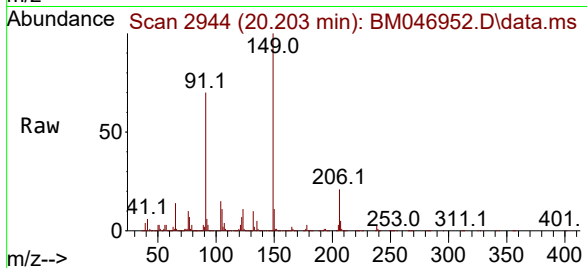
Tgt Ion:149 Resp: 1759628

Ion Ratio Lower Upper

149 100

91 70.1 55.3 82.9

206 20.8 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 84.179 ng/ul

RT: 20.986 min Scan# 3077

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

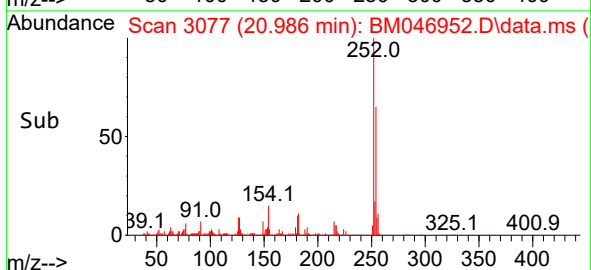
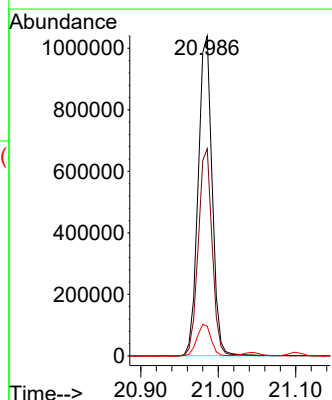
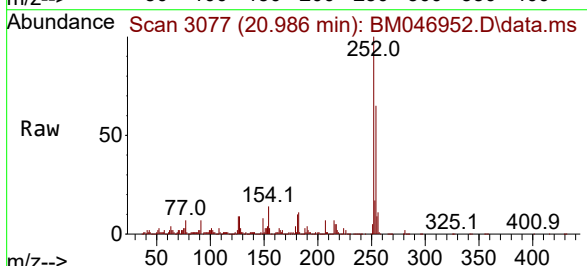
Tgt Ion:252 Resp: 1298442

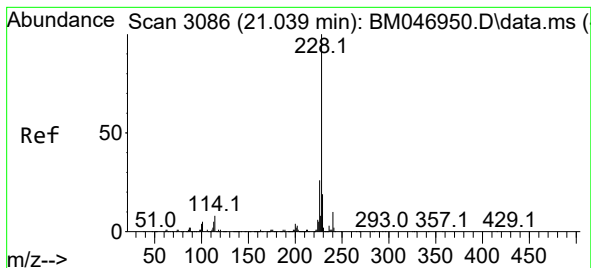
Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

126 9.3 8.8 13.2





#85

Benzo(a)anthracene

Concen: 81.916 ng/ul

RT: 21.045 min Scan# 3087

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

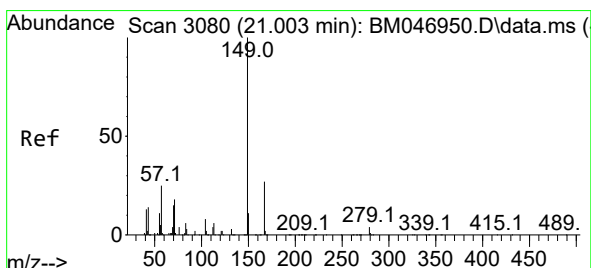
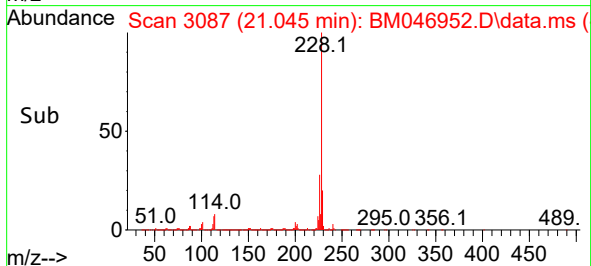
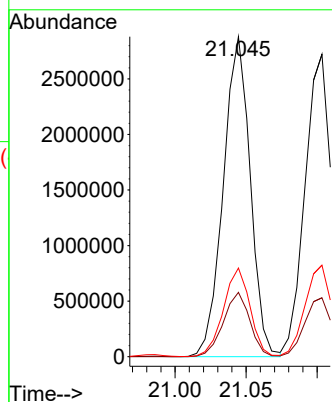
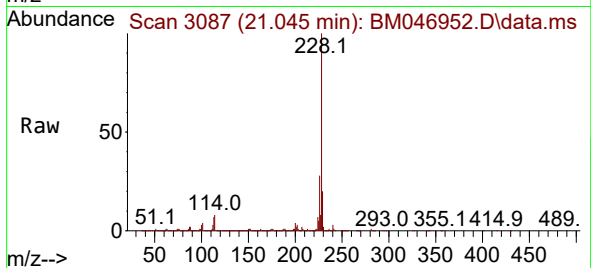
Tgt Ion:228 Resp: 3800715

Ion Ratio Lower Upper

228 100

229 20.1 15.5 23.3

226 27.7 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 96.018 ng/ul

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

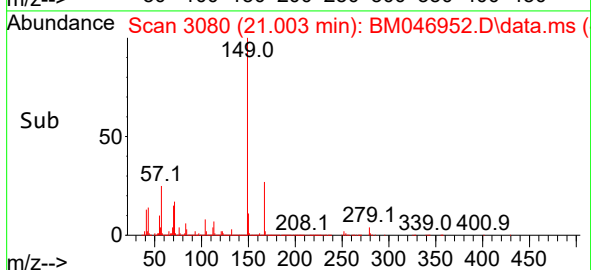
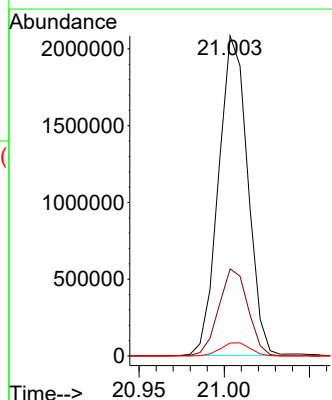
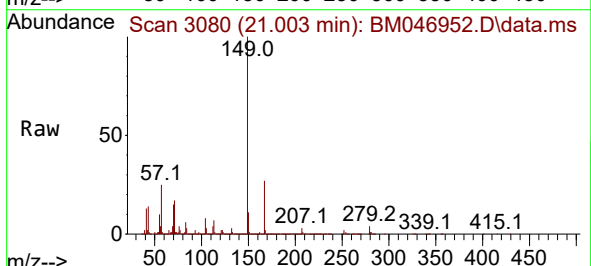
Tgt Ion:149 Resp: 2473682

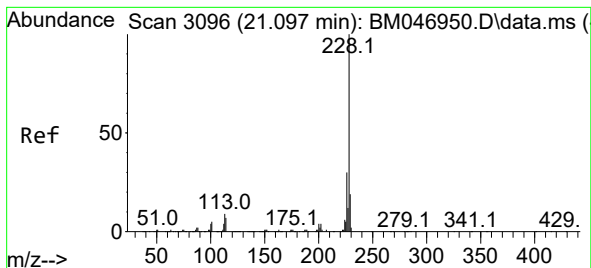
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 4.1 3.3 4.9





#87

Chrysene

Concen: 79.538 ng/ul

RT: 21.103 min Scan# 3097

Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

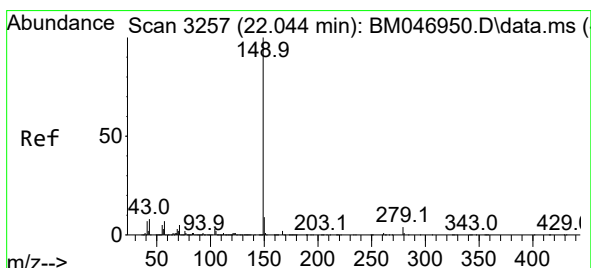
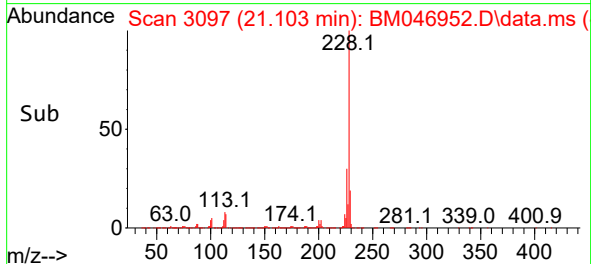
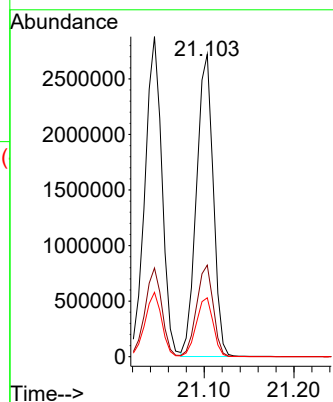
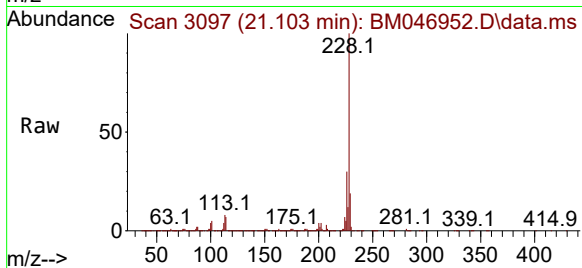
Tgt Ion:228 Resp: 3520773

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 93.405 ng/ul

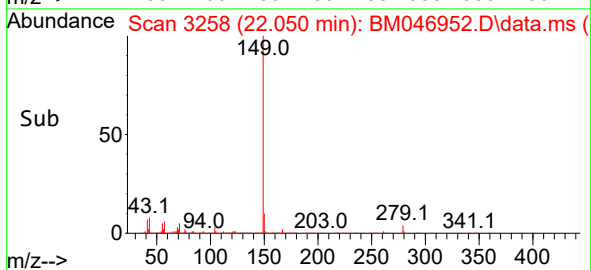
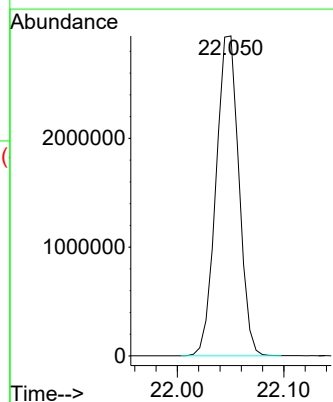
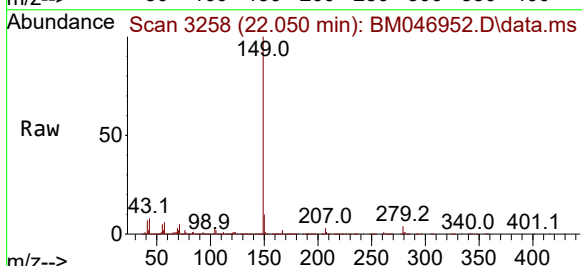
RT: 22.050 min Scan# 3258

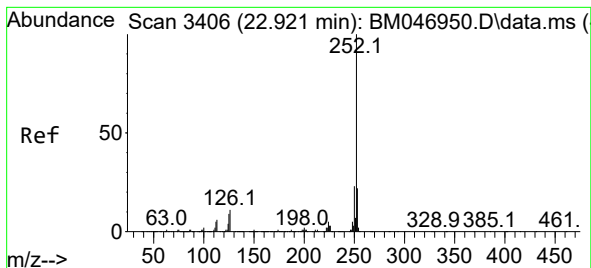
Delta R.T. 0.006 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Tgt Ion:149 Resp: 4373596





#90

Benzo(b)fluoranthene

Concen: 82.300 ng/ul

RT: 22.933 min Scan# 3406

Delta R.T. 0.012 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

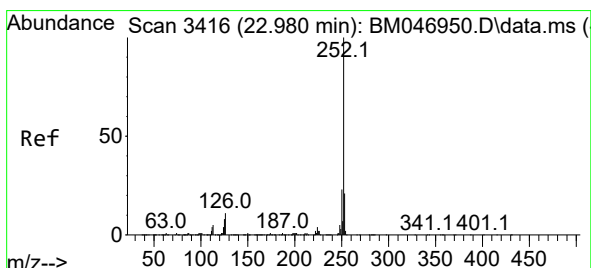
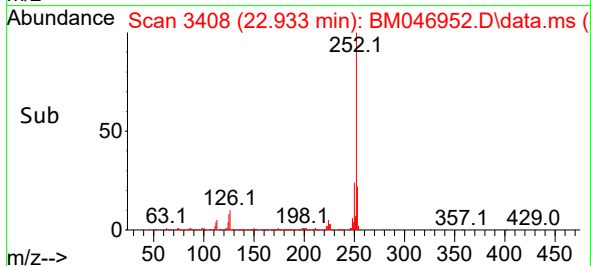
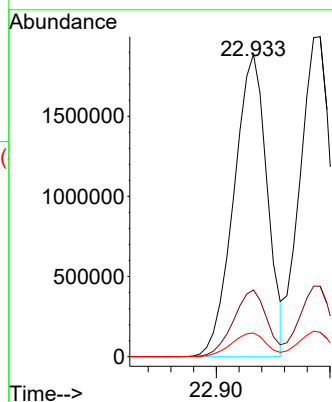
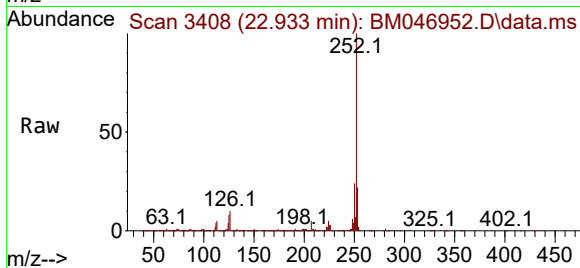
Tgt Ion:252 Resp: 3836303

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 7.8 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 82.519 ng/ul

RT: 22.991 min Scan# 3418

Delta R.T. 0.012 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

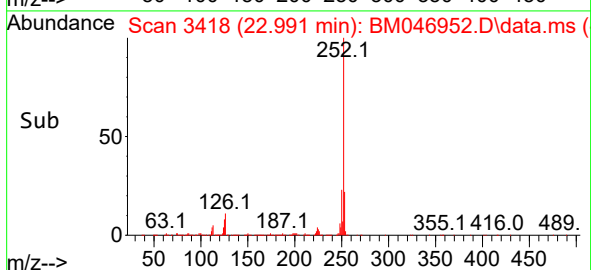
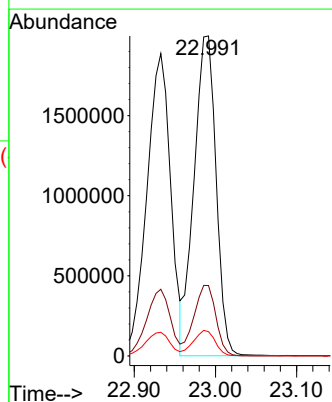
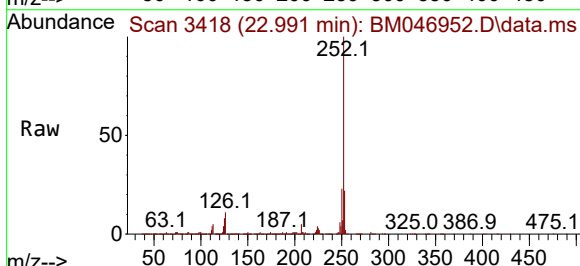
Tgt Ion:252 Resp: 3769261

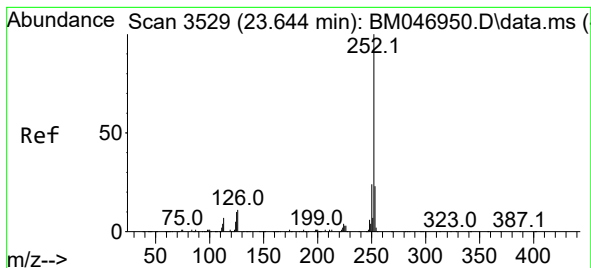
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 7.6 6.9 10.3





#93

Benzo(a)pyrene

Concen: 81.628 ng/ul

RT: 23.656 min Scan# 3

Delta R.T. 0.012 min

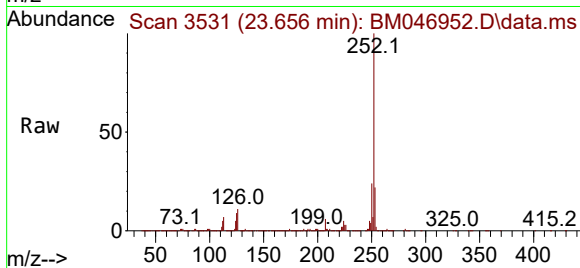
Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :



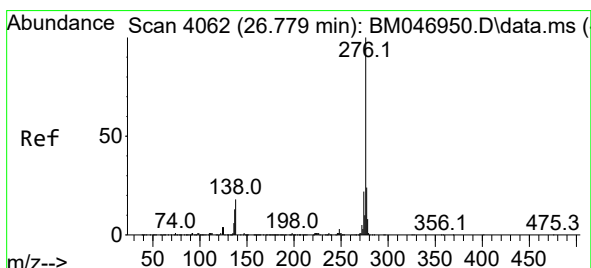
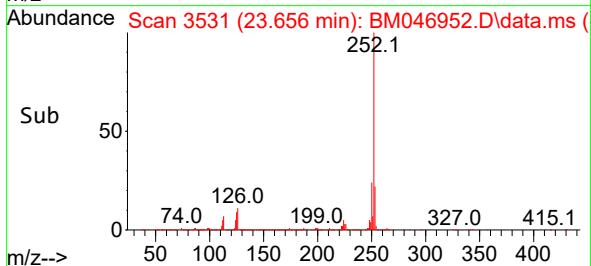
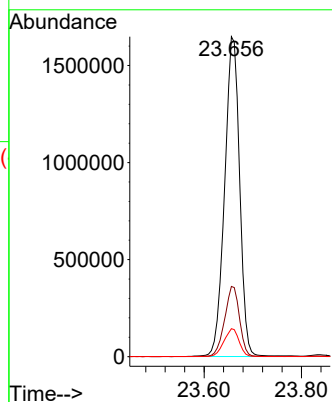
Tgt Ion:252 Resp: 3534710

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 8.8 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 80.431 ng/ul

RT: 26.803 min Scan# 4066

Delta R.T. 0.024 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

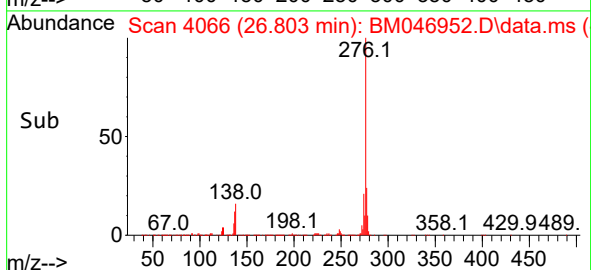
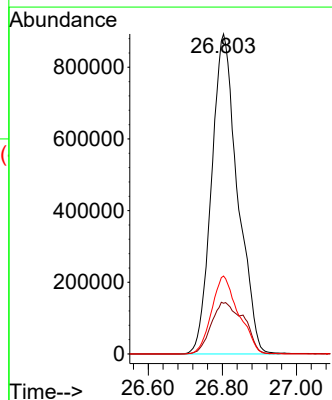
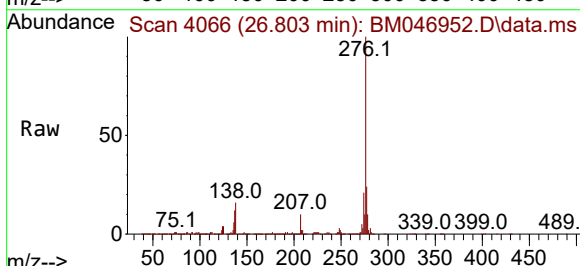
Tgt Ion:276 Resp: 4361107

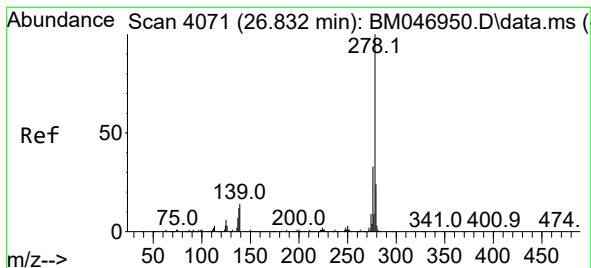
Ion Ratio Lower Upper

276 100

138 15.8 14.7 22.1

277 24.4 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 78.875 ng/ul

RT: 26.856 min Scan# 4071

Delta R.T. 0.024 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Instrument :

BNA_M

ClientSampleId :

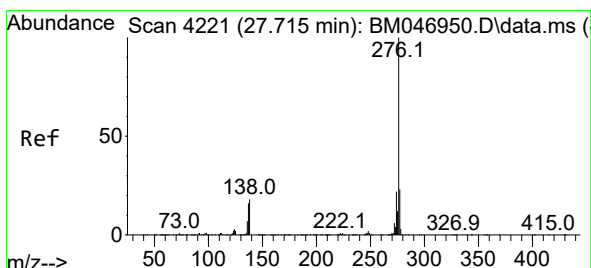
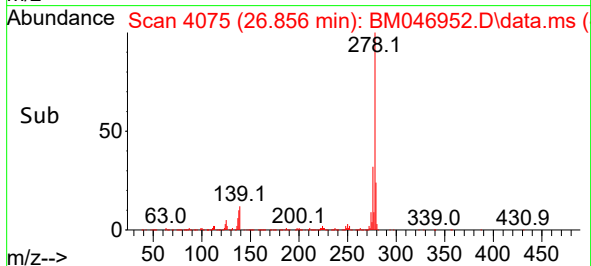
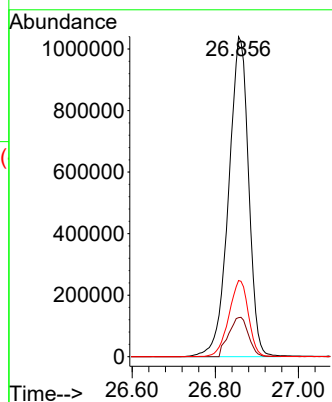
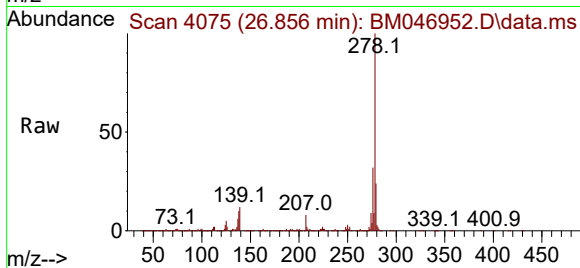
Tgt Ion:278 Resp: 3467352

Ion Ratio Lower Upper

278 100

139 12.2 11.4 17.0

279 23.8 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 74.608 ng/ul

RT: 27.750 min Scan# 4227

Delta R.T. 0.035 min

Lab File: BM046952.D

Acq: 02 Aug 2024 17:03

Tgt Ion:276 Resp: 3481355

Ion Ratio Lower Upper

276 100

138 17.3 14.7 22.1

277 23.5 18.6 27.8

