

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	230127	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	877692	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	605832	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1251563	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1285998	20.000	ng	0.00
86) Perylene-d12	24.397	264	1266367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1155553	87.928	ng	0.00
7) Phenol-d6	6.951	99	1488919	90.140	ng	0.00
23) Nitrobenzene-d5	8.928	82	1385703	77.798	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	810732	90.503	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3905385	76.259	ng	0.00
79) Terphenyl-d14	19.780	244	6863055	78.970	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	253433	44.976	ng	99
3) Pyridine	3.657	79	673723	46.534	ng	98
4) n-Nitrosodimethylamine	3.569	42	260951	45.956	ng	99
6) Aniline	7.098	93	974989	46.744	ng	98
8) 2-Chlorophenol	7.339	128	649705	45.724	ng	99
9) Benzaldehyde	6.910	77	490844	44.405	ng	99
10) Phenol	6.981	94	784469	46.913	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	635601	45.521	ng	98
12) 1,3-Dichlorobenzene	7.657	146	766772	44.672	ng	99
13) 1,4-Dichlorobenzene	7.804	146	774954	44.941	ng	100
14) 1,2-Dichlorobenzene	8.122	146	752460	45.174	ng	100
15) Benzyl Alcohol	8.016	79	551757	48.167	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	762583	44.929	ng	99
17) 2-Methylphenol	8.222	107	519426	47.153	ng	99
18) Hexachloroethane	8.845	117	274239	44.738	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	507362	47.892	ng	99
20) 3+4-Methylphenols	8.551	107	713683	47.974	ng	97
22) Acetophenone	8.592	105	985275	45.153	ng	100
24) Nitrobenzene	8.969	77	694640	45.104	ng	99
25) Isophorone	9.498	82	1384372	45.596	ng	99
26) 2-Nitrophenol	9.681	139	370477	47.087	ng	99
27) 2,4-Dimethylphenol	9.751	122	605475	46.404	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	842968	44.920	ng	100
29) 2,4-Dichlorophenol	10.228	162	677885	46.375	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	789816	44.348	ng	100
31) Naphthalene	10.610	128	1984698	44.651	ng	100
32) Benzoic acid	9.916	122	384400	46.063	ng	98
33) 4-Chloroaniline	10.727	127	863111	47.375	ng	99
34) Hexachlorobutadiene	10.898	225	497792	44.034	ng	99
35) Caprolactam	11.522	113	198108	46.481	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	632365	46.825	ng	100
37) 2-Methylnaphthalene	12.227	142	1352170	45.374	ng	100
38) 1-Methylnaphthalene	12.445	142	1425407	45.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	925725	44.140	ng	100
41) Hexachlorocyclopentadiene	12.574	237	568717	44.374	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	613142	46.094	ng	97

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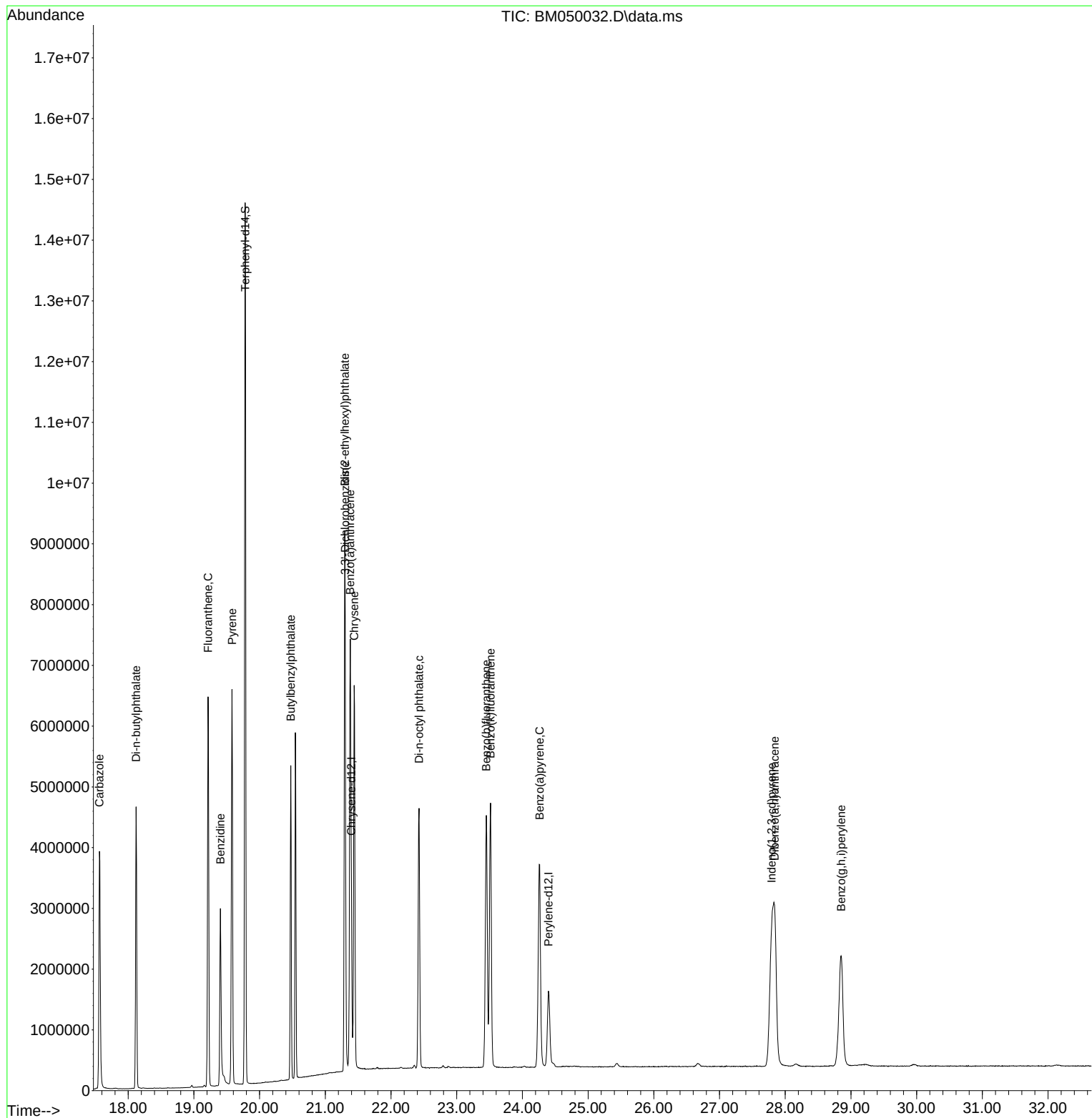
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	663718	46.271	ng	99
46) 1,1'-Biphenyl	13.239	154	1990852	44.207	ng	99
47) 2-Chloronaphthalene	13.286	162	1593769	44.684	ng	100
48) 2-Nitroaniline	13.498	65	398645	47.621	ng	99
49) Acenaphthylene	14.133	152	2548342	45.315	ng	100
50) Dimethylphthalate	13.868	163	2007342	45.338	ng	100
51) 2,6-Dinitrotoluene	13.992	165	435925	47.554	ng	98
52) Acenaphthene	14.474	154	1471672	45.210	ng	100
53) 3-Nitroaniline	14.327	138	427464	48.843	ng	99
54) 2,4-Dinitrophenol	14.545	184	249307	45.189	ng	98
55) Dibenzofuran	14.810	168	2427830	44.828	ng	99
56) 4-Nitrophenol	14.663	139	313065	46.012	ng	99
57) 2,4-Dinitrotoluene	14.786	165	611943	48.311	ng	97
58) Fluorene	15.462	166	2044284	46.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	583198	46.970	ng	98
60) Diethylphthalate	15.233	149	1889827	45.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1118837	45.950	ng	99
62) 4-Nitroaniline	15.492	138	427339	50.610	ng	100
63) Azobenzene	15.745	77	1599489	45.747	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	367586	46.920	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1709666	44.485	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	665088	43.944	ng	97
68) Hexachlorobenzene	16.468	284	770651	44.174	ng	98
69) Atrazine	16.627	200	616670	44.483	ng	99
70) Pentachlorophenol	16.821	266	452303	46.059	ng	99
71) Phenanthrene	17.198	178	3169143	44.895	ng	99
72) Anthracene	17.292	178	3241829	45.381	ng	100
73) Carbazole	17.562	167	2851516	46.001	ng	100
74) Di-n-butylphthalate	18.121	149	3370238	45.654	ng	100
75) Fluoranthene	19.215	202	3895046	46.998	ng	100
77) Benzidine	19.403	184	2019202	44.204	ng	100
78) Pyrene	19.580	202	3992384	44.209	ng	100
80) Butylbenzylphthalate	20.474	149	1512498	44.718	ng	96
81) Benzo(a)anthracene	21.380	228	4029064	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1487254	43.871	ng	98
83) Chrysene	21.439	228	3685603	44.967	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2284769	45.224	ng	99
85) Di-n-octyl phthalate	22.427	149	3747091	44.974	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4364032	46.249	ng	99
88) Benzo(b)fluoranthene	23.450	252	3711451	45.066	ng	100
89) Benzo(k)fluoranthene	23.515	252	3813739	45.780	ng	100
90) Benzo(a)pyrene	24.262	252	3515582	45.577	ng	100
91) Dibenzo(a,h)anthracene	27.838	278	3545295	46.091	ng	100
92) Benzo(g,h,i)perylene	28.850	276	3345997	45.437	ng	100

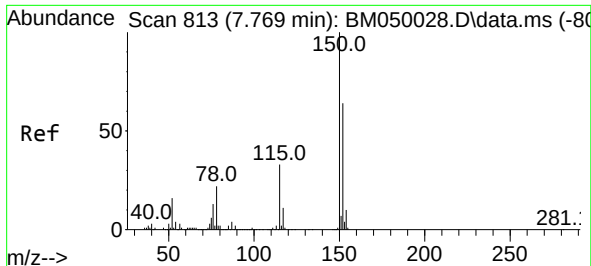
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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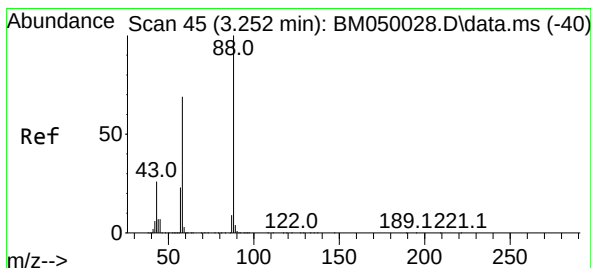
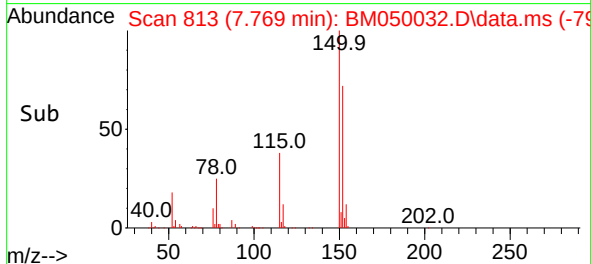
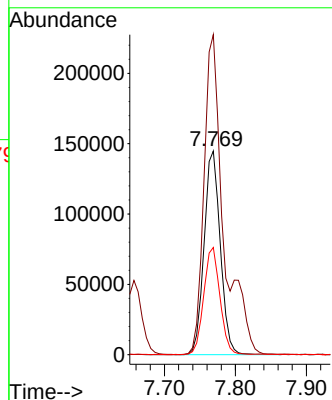
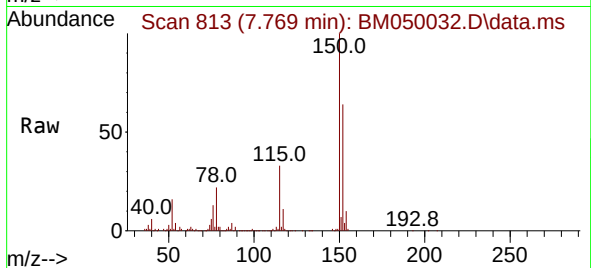




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BM050032.D
 Acq: 28 Apr 2025 17:43

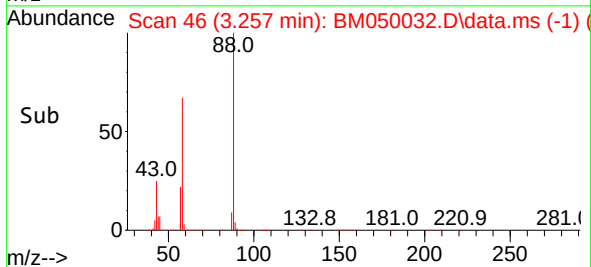
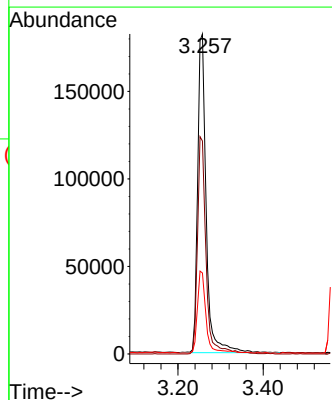
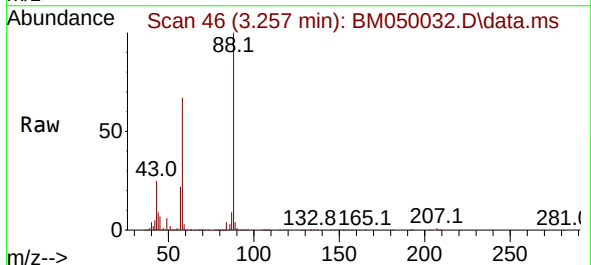
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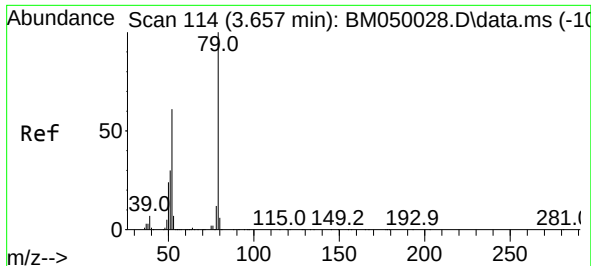
Tgt Ion:152 Resp: 230127
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.1 186.1
 115 52.6 41.2 61.8



#2
 1,4-Dioxane
 Concen: 44.976 ng
 RT: 3.257 min Scan# 46
 Delta R.T. 0.006 min
 Lab File: BM050032.D
 Acq: 28 Apr 2025 17:43

Tgt Ion: 88 Resp: 253433
 Ion Ratio Lower Upper
 88 100
 58 67.9 55.1 82.7
 43 25.9 20.9 31.3

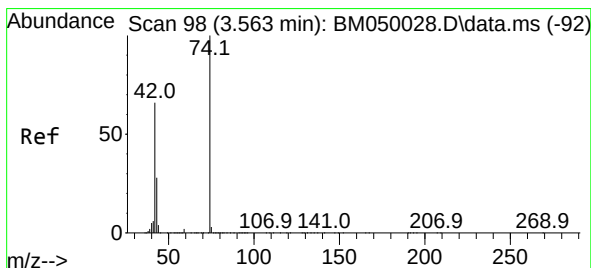
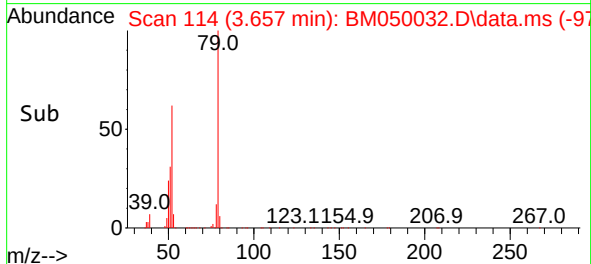
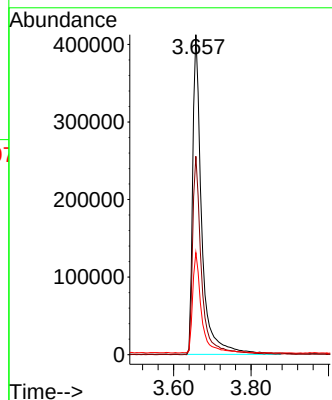
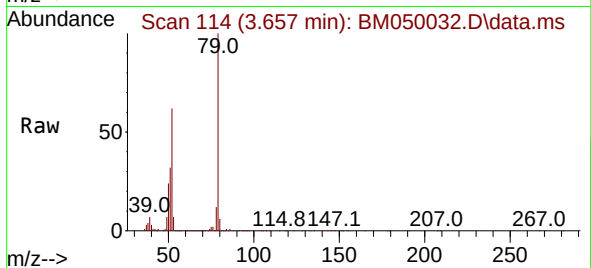




#3
Pyridine
Concen: 46.534 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

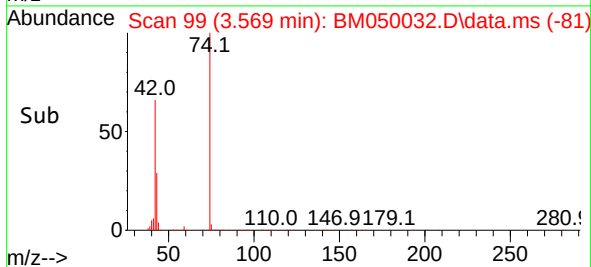
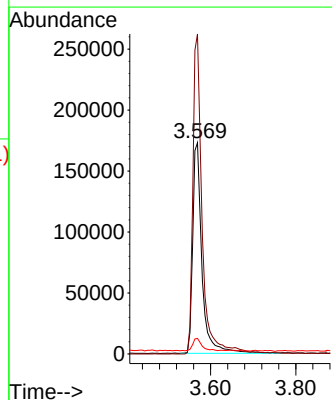
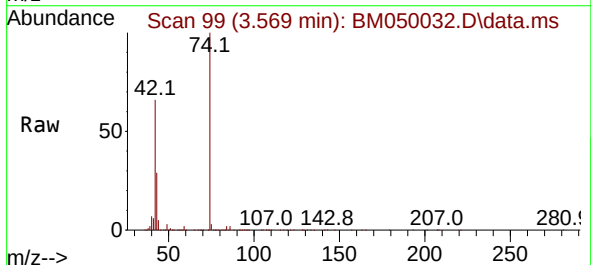
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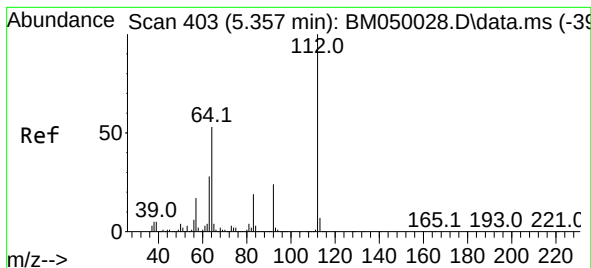
Tgt Ion: 79 Resp: 673723
Ion Ratio Lower Upper
79 100
52 62.0 48.6 72.8
51 31.9 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 45.956 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 42 Resp: 260951
Ion Ratio Lower Upper
42 100
74 151.5 120.2 180.2
44 7.3 6.2 9.2

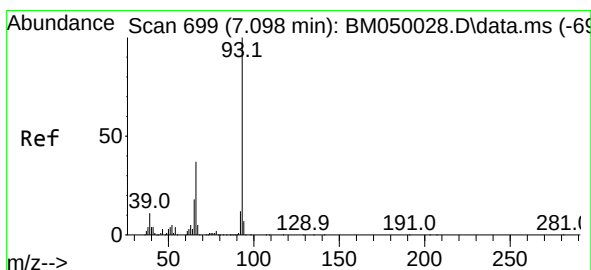
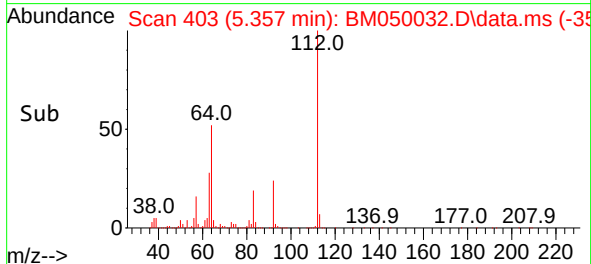
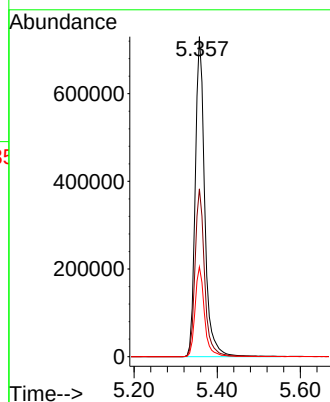
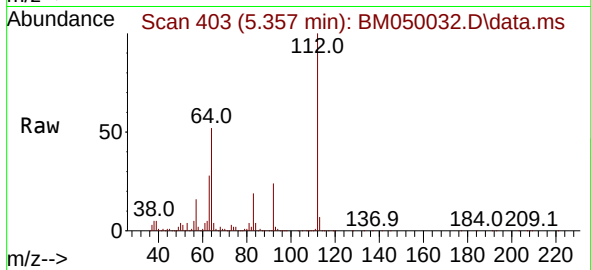




#5
2-Fluorophenol
Concen: 87.928 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

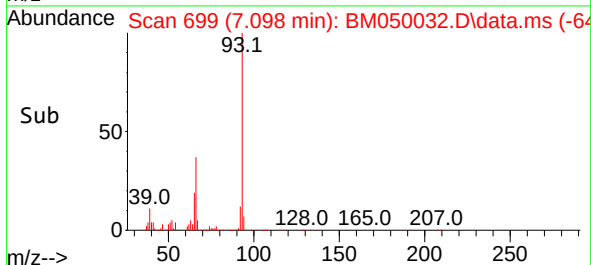
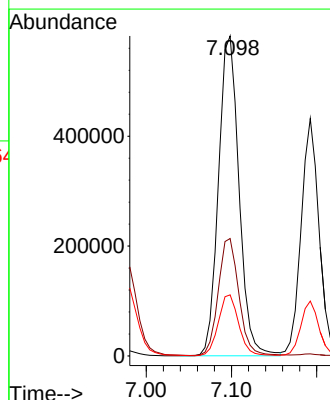
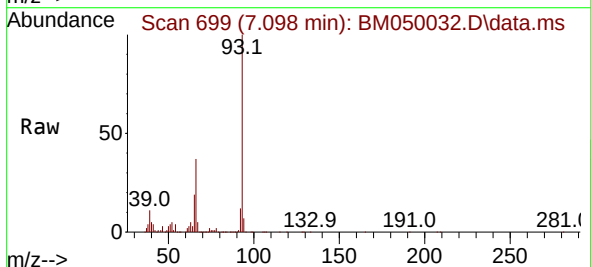
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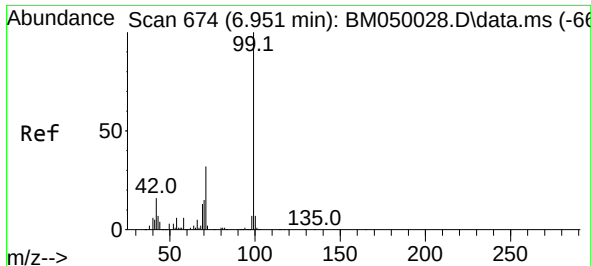
Tgt Ion:112 Resp: 1155553
Ion Ratio Lower Upper
112 100
64 52.4 42.6 64.0
63 28.0 22.2 33.4



#6
Aniline
Concen: 46.744 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 974989
Ion Ratio Lower Upper
93 100
66 36.7 29.9 44.9
65 19.1 14.5 21.7

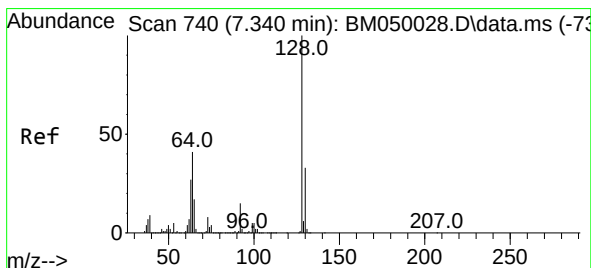
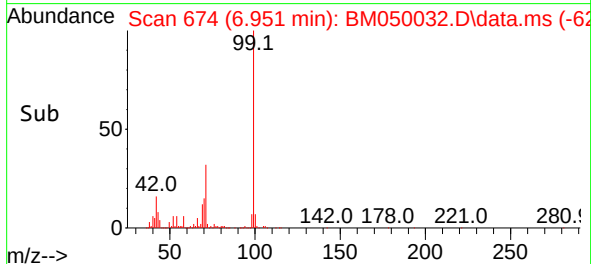
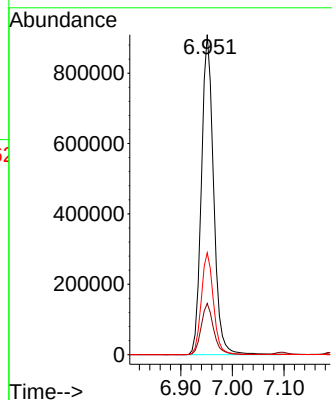
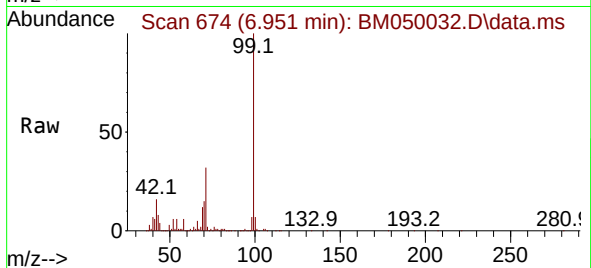




#7
Phenol-d6
Concen: 90.140 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

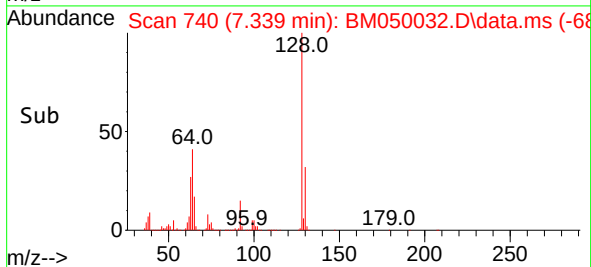
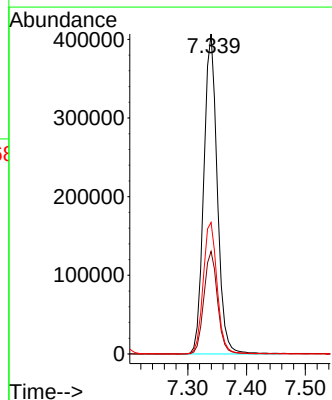
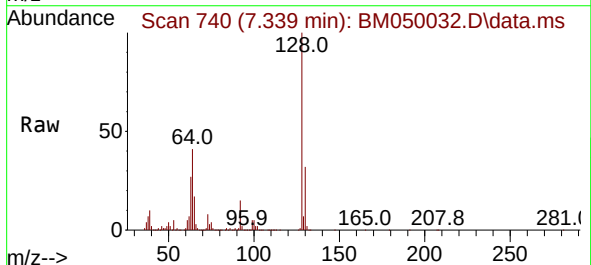
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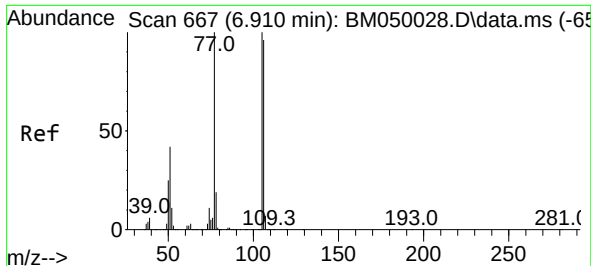
Tgt Ion: 99 Resp: 1488919
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 31.9 25.6 38.4



#8
2-Chlorophenol
Concen: 45.724 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 128 Resp: 649705
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 41.1 21.2 61.2

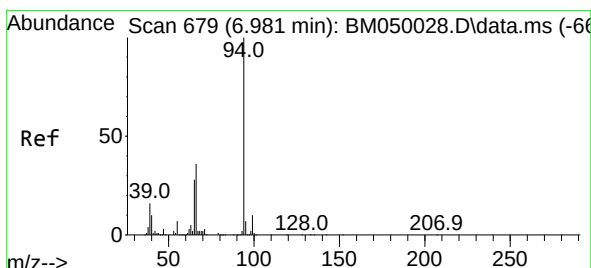
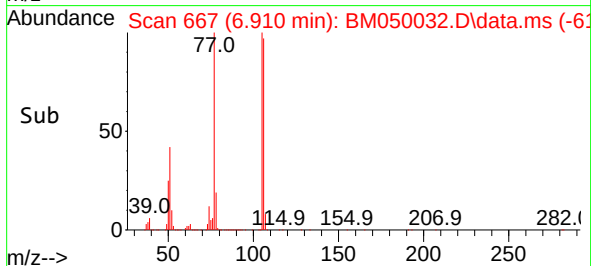
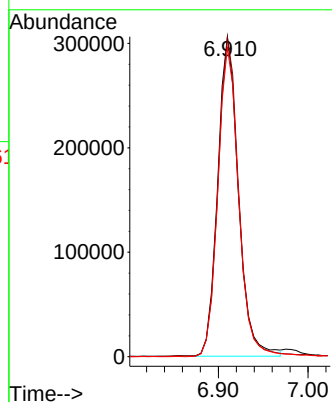
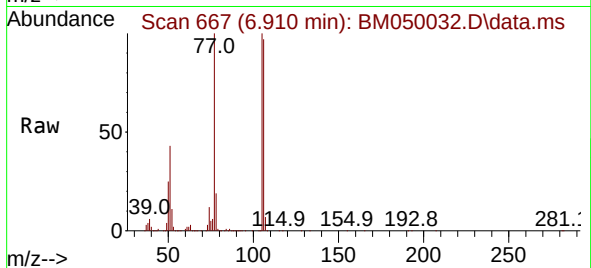




#9
Benzaldehyde
Concen: 44.405 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
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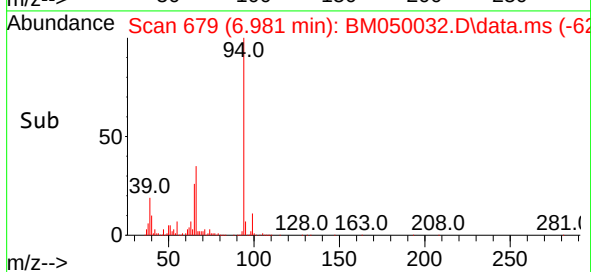
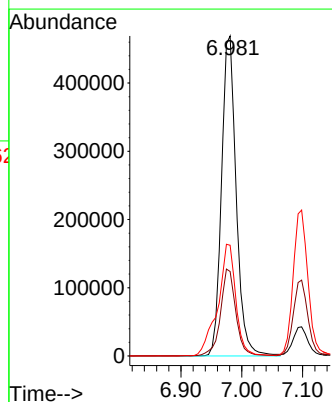
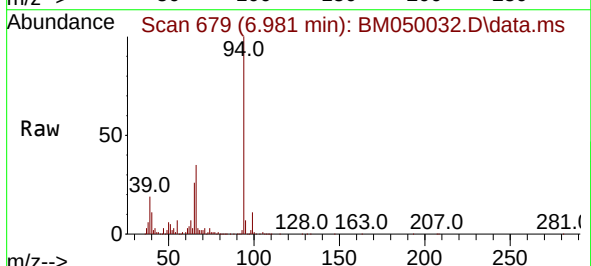
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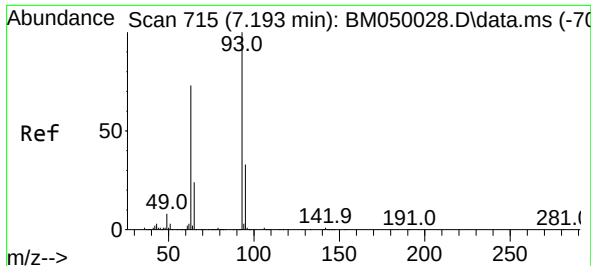
Tgt Ion: 77 Resp: 490844
Ion Ratio Lower Upper
77 100
105 99.8 80.5 120.5
106 96.6 76.1 116.1



#10
Phenol
Concen: 46.913 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 784469
Ion Ratio Lower Upper
94 100
65 26.4 7.6 47.6
66 34.6 15.8 55.8

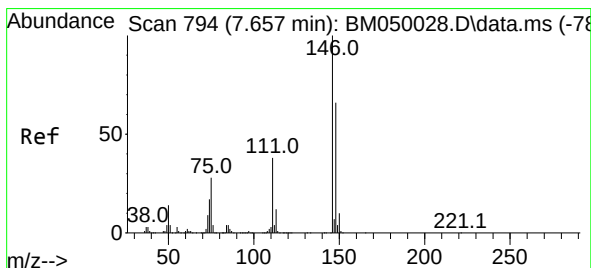
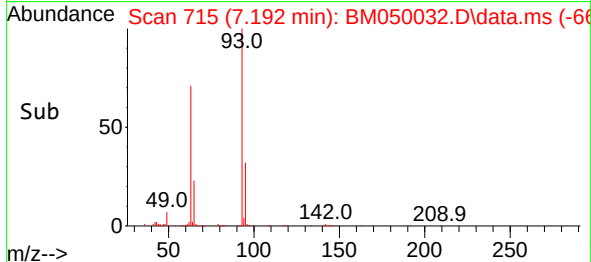
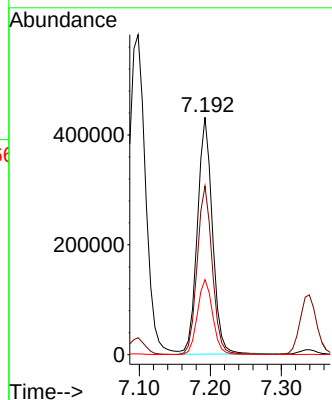
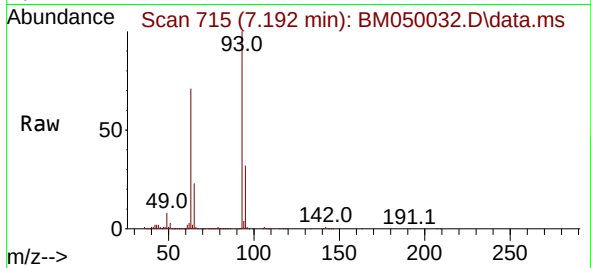




#11
bis(2-Chloroethyl)ether
Concen: 45.521 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

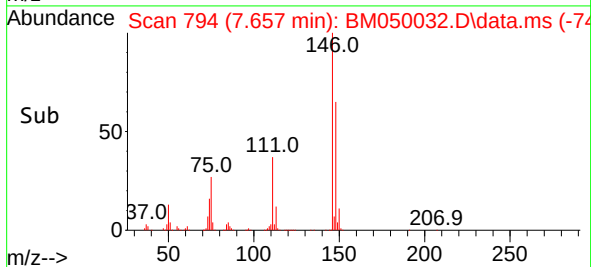
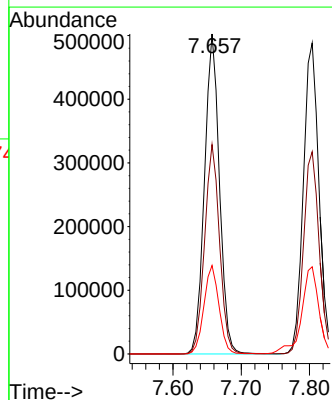
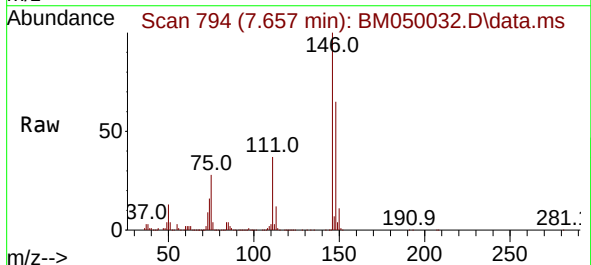
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

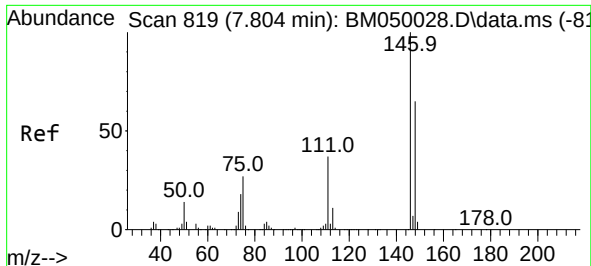
Tgt Ion: 93 Resp: 635601
Ion Ratio Lower Upper
93 100
63 71.0 52.3 92.3
95 31.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.672 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 766772
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 27.6 22.6 34.0

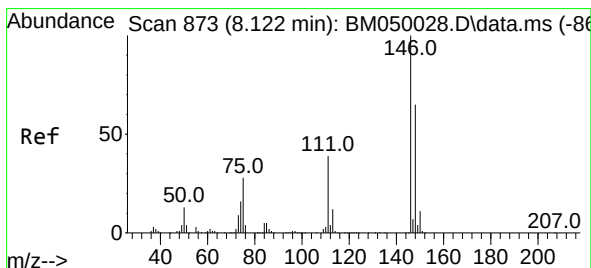
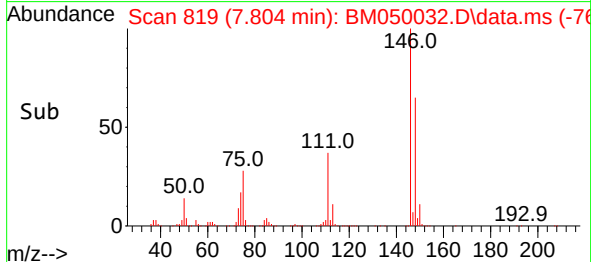
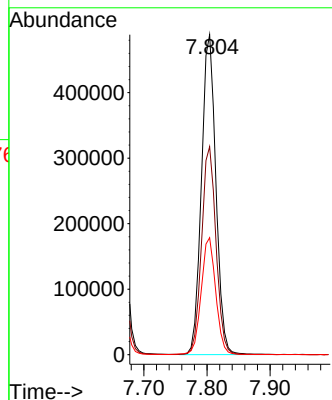
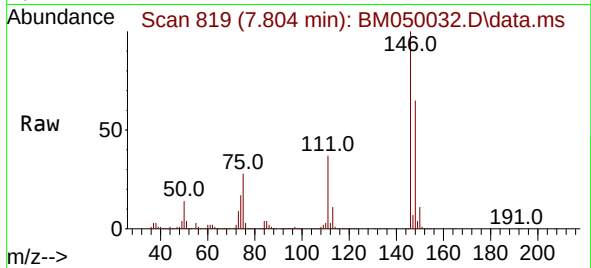




#13
1,4-Dichlorobenzene
Concen: 44.941 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

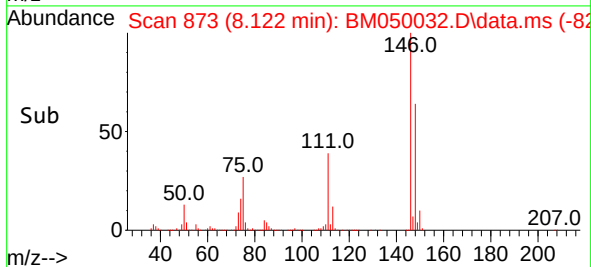
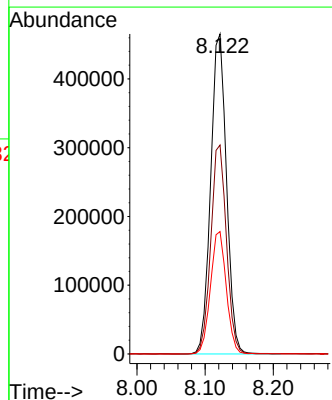
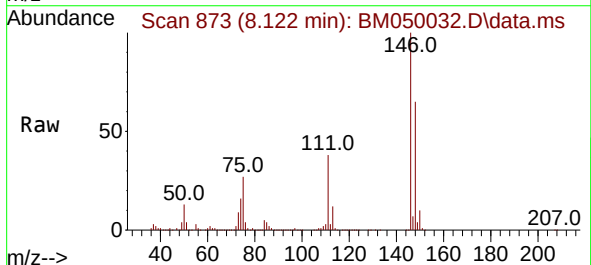
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

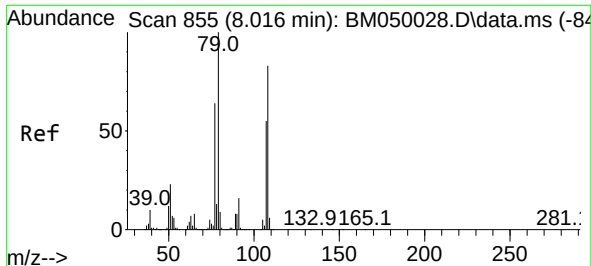
Tgt Ion:146 Resp: 774954
Ion Ratio Lower Upper
146 100
148 65.0 52.2 78.2
111 36.6 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 45.174 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 752460
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
111 38.3 31.0 46.6

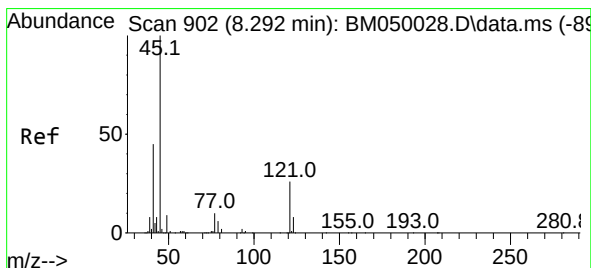
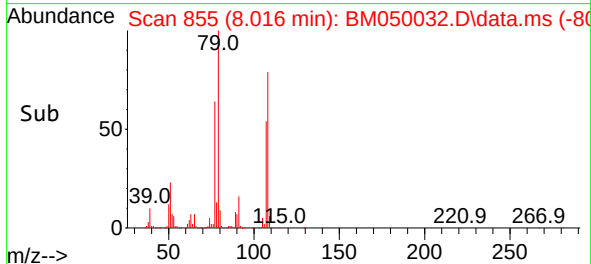
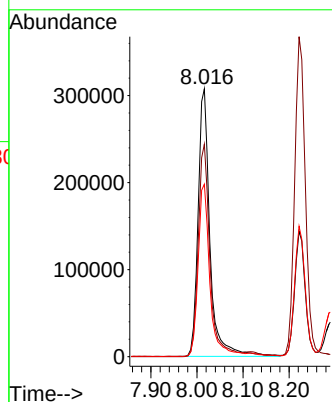
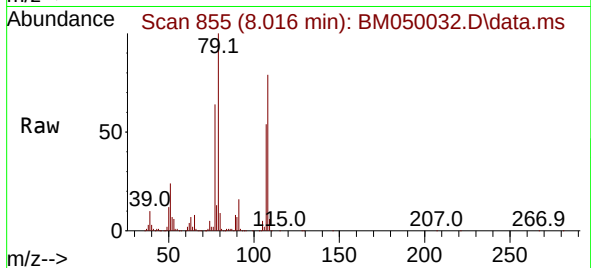




#15
Benzyl Alcohol
Concen: 48.167 ng
RT: 8.016 min Scan# 855
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

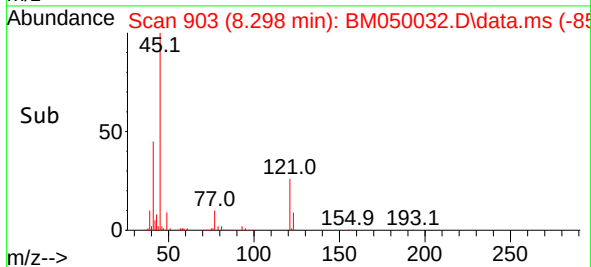
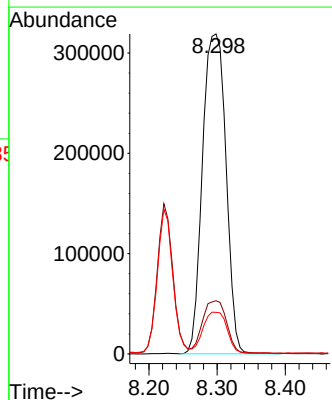
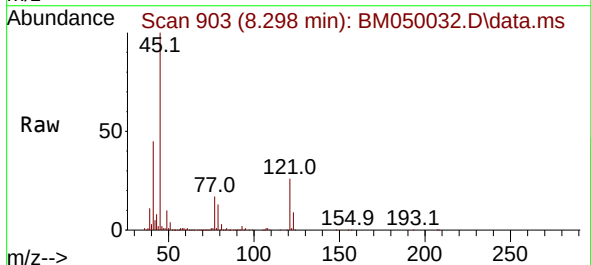
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

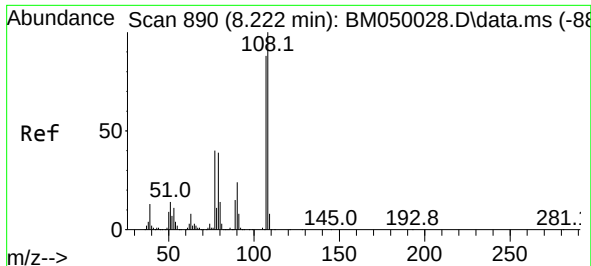
Tgt Ion: 79 Resp: 551757
Ion Ratio Lower Upper
79 100
108 79.4 66.0 99.0
77 64.4 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.929 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 45 Resp: 762583
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.4
79 13.0 0.0 32.7



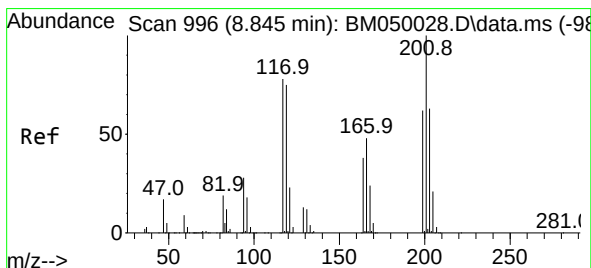
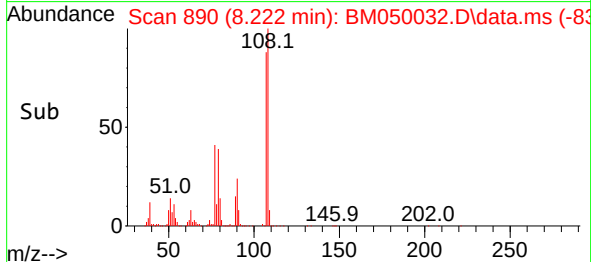
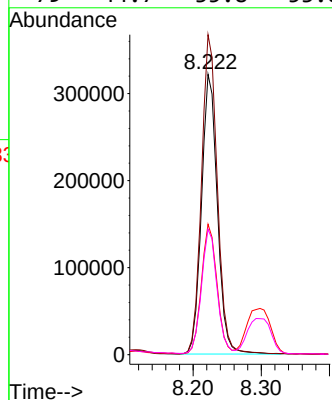
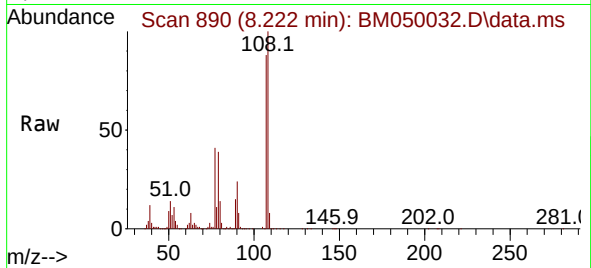


#17
2-Methylphenol
Concen: 47.153 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Tgt Ion:107 Resp: 519426

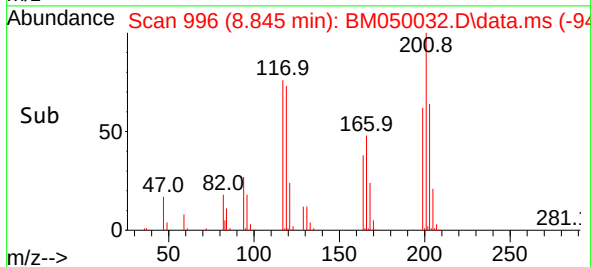
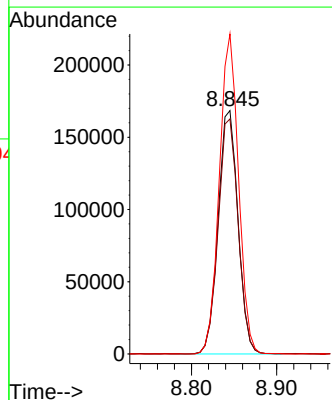
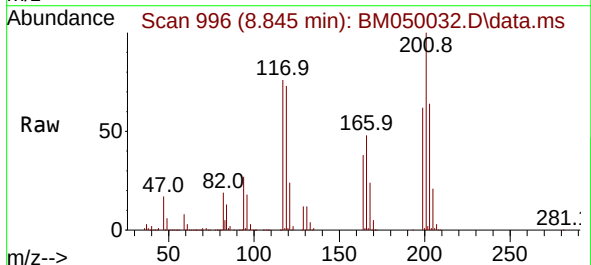
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.1	136.7
77	46.5	36.2	54.4
79	44.7	35.8	53.8

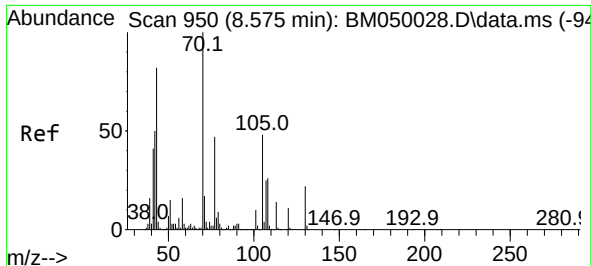


#18
Hexachloroethane
Concen: 44.738 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:117 Resp: 274239

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
201	131.4	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.892 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050032.D

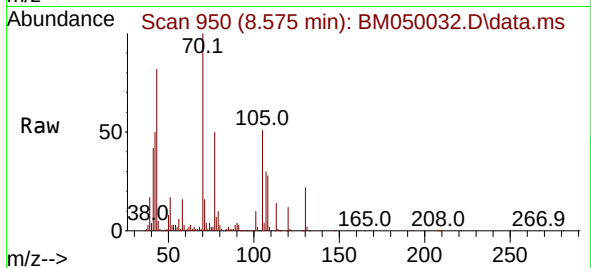
Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825



Tgt Ion: 70 Resp: 507362

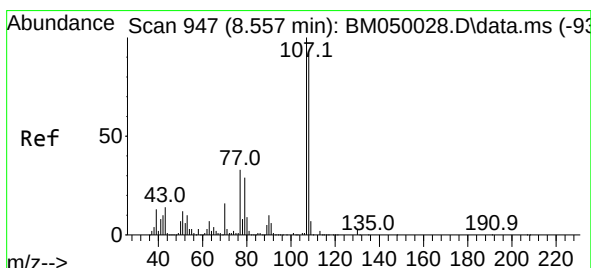
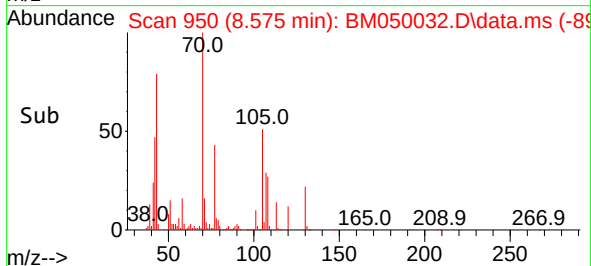
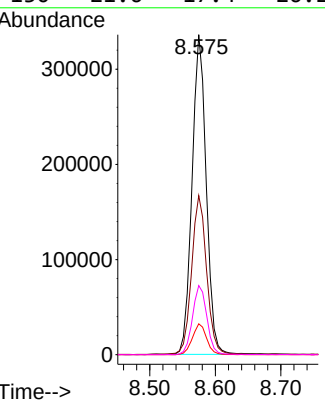
Ion Ratio Lower Upper

70 100

42 49.7 40.5 60.7

101 9.7 7.8 11.6

130 21.6 17.4 26.2



#20

3+4-Methylphenols

Concen: 47.974 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Tgt Ion: 107 Resp: 713683

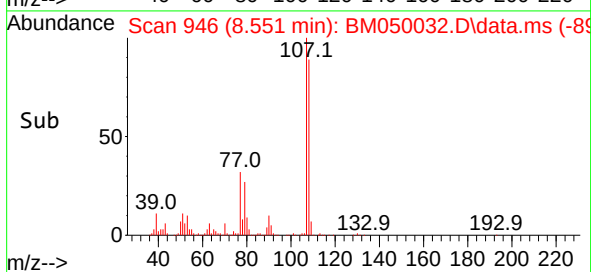
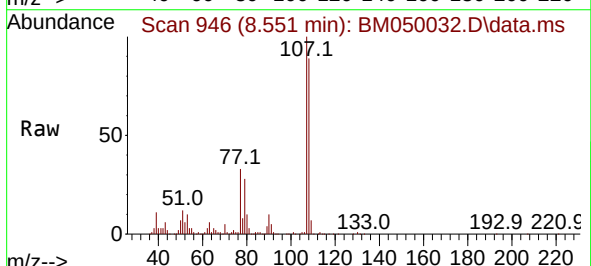
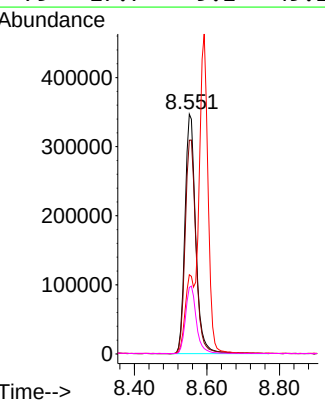
Ion Ratio Lower Upper

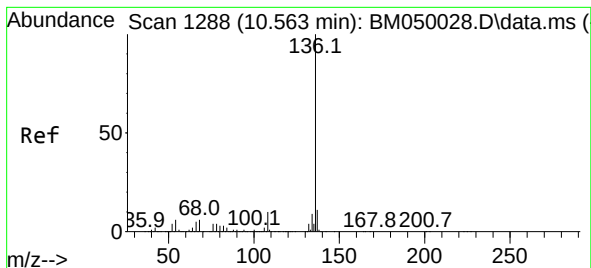
107 100

108 89.1 72.4 112.4

77 33.0 13.6 53.6

79 27.7 9.2 49.2

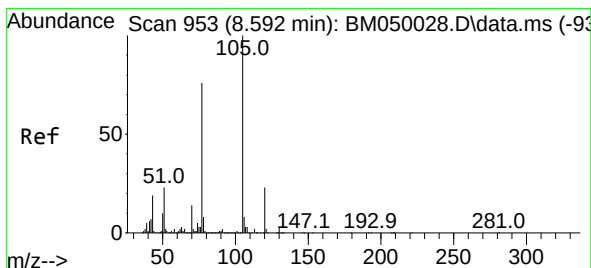
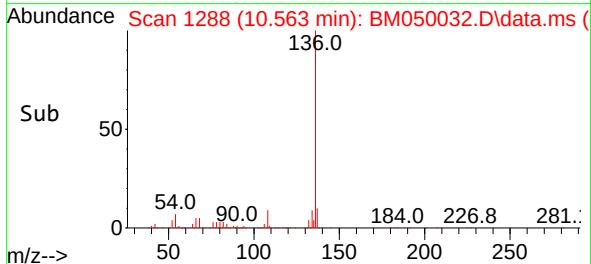
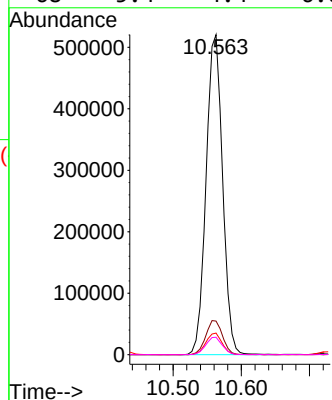
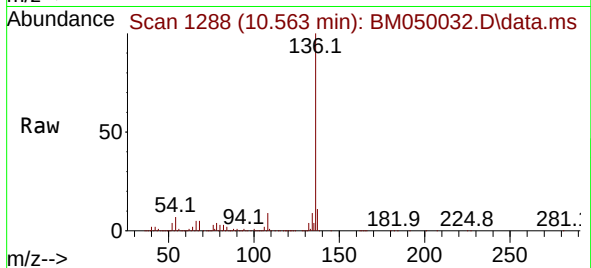




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

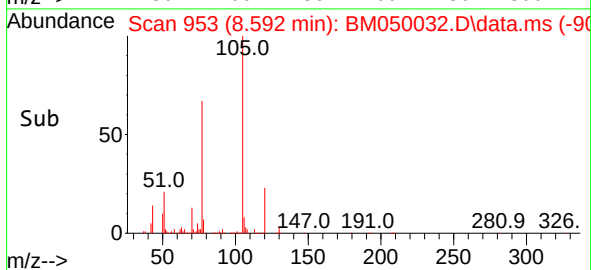
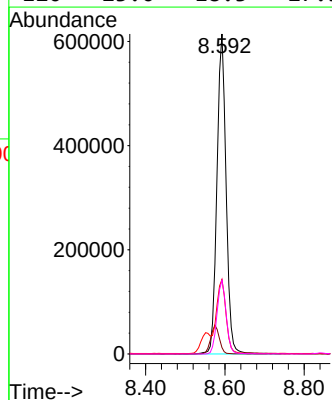
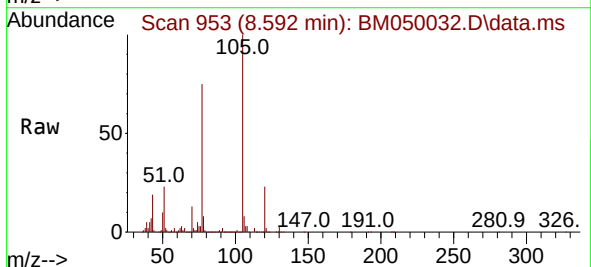
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

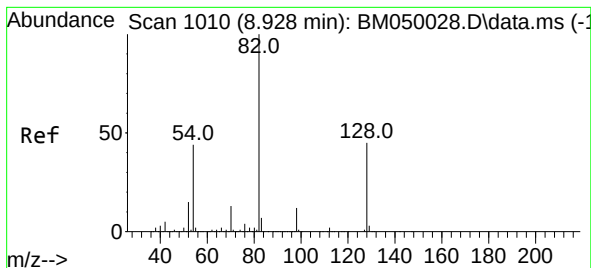
Tgt Ion:	136	Resp:	877692
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.7	5.1	7.7
68	5.4	4.4	6.6



#22
Acetophenone
Concen: 45.153 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:	105	Resp:	985275
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.7	2.5
51	23.3	18.6	27.8
120	23.0	18.3	27.5





#23

Nitrobenzene-d5

Concen: 77.798 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

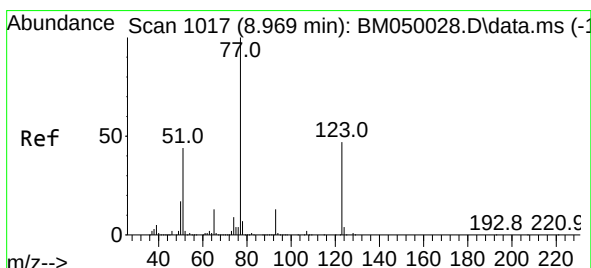
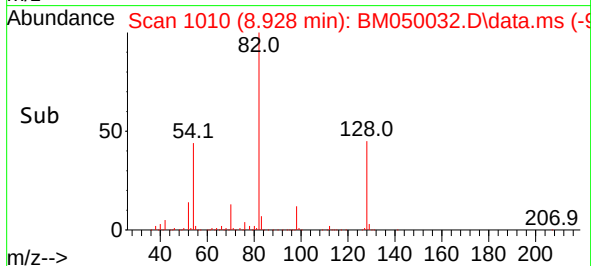
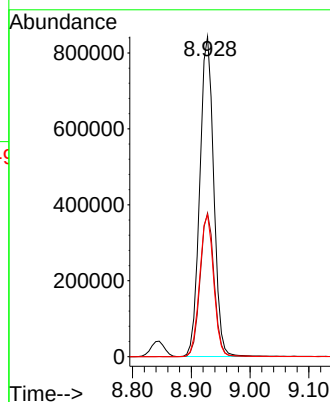
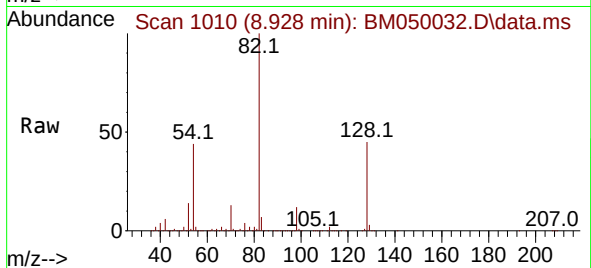
Tgt Ion: 82 Resp: 1385703

Ion Ratio Lower Upper

82 100

128 44.9 35.7 53.5

54 44.4 35.4 53.2



#24

Nitrobenzene

Concen: 45.104 ng

RT: 8.969 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

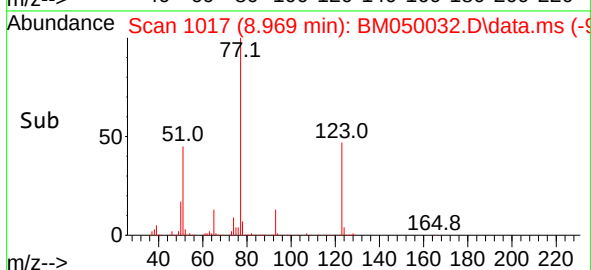
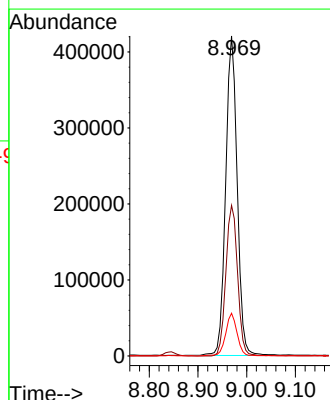
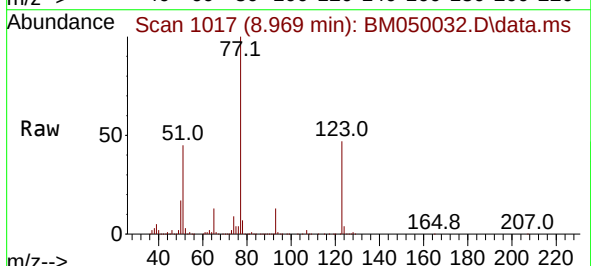
Tgt Ion: 77 Resp: 694640

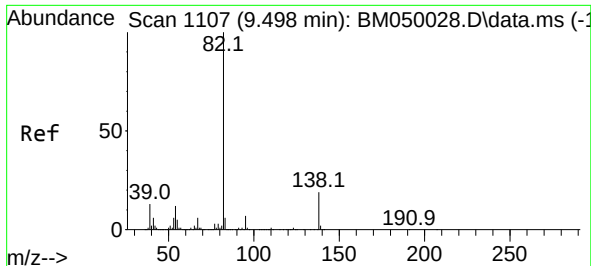
Ion Ratio Lower Upper

77 100

123 47.1 37.9 56.9

65 13.3 10.1 15.1





#25

Isophorone

Concen: 45.596 ng

RT: 9.498 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

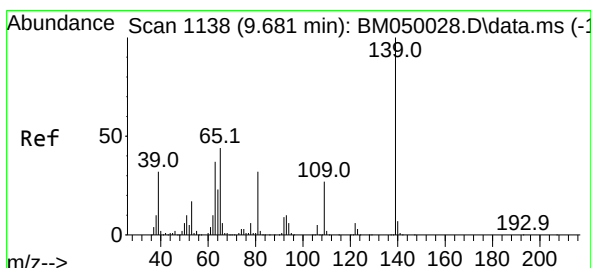
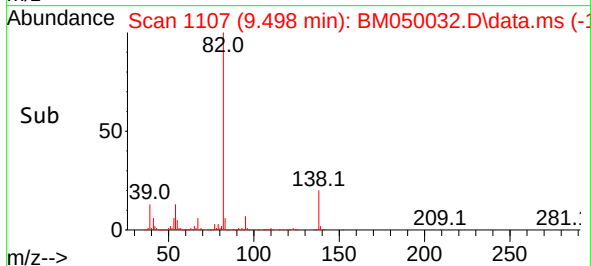
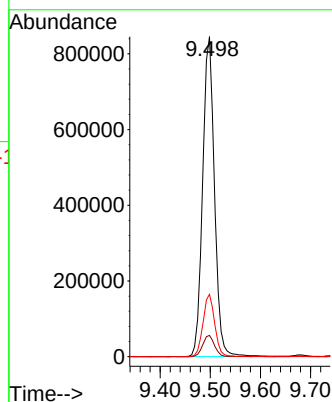
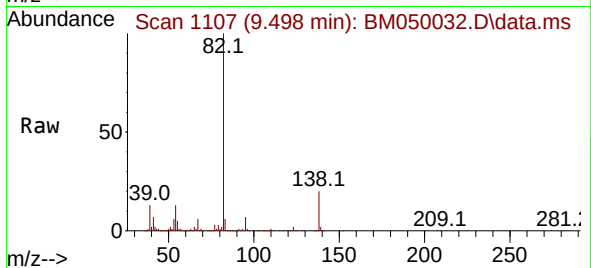
Tgt Ion: 82 Resp: 1384372

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

138 19.5 15.5 23.3



#26

2-Nitrophenol

Concen: 47.087 ng

RT: 9.681 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

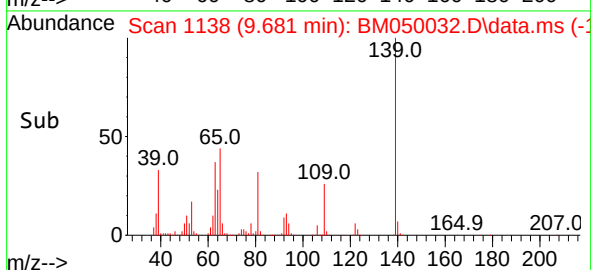
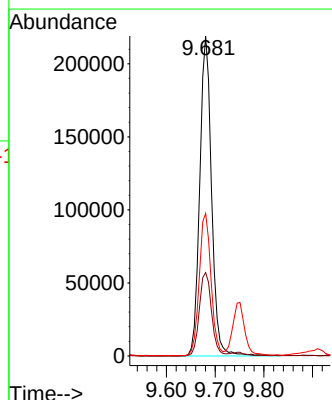
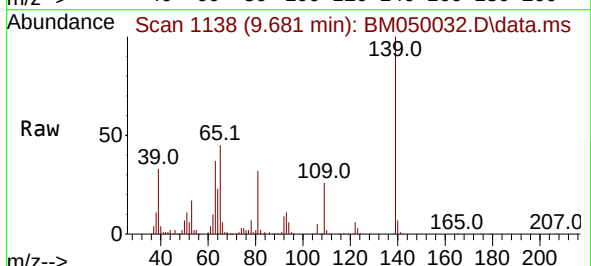
Tgt Ion: 139 Resp: 370477

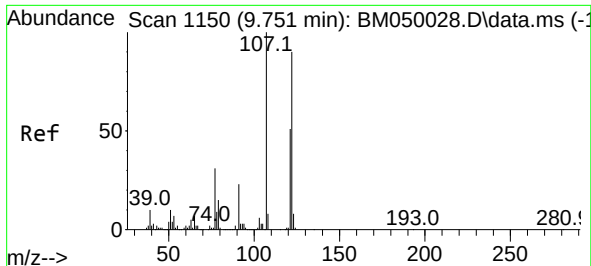
Ion Ratio Lower Upper

139 100

109 26.1 21.9 32.9

65 44.5 35.4 53.2

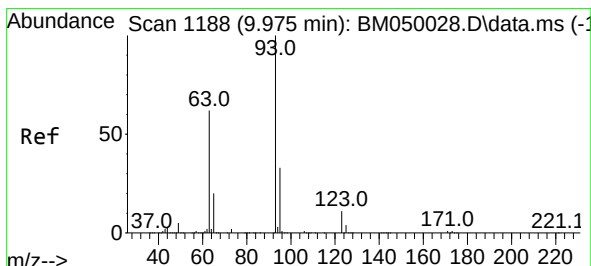
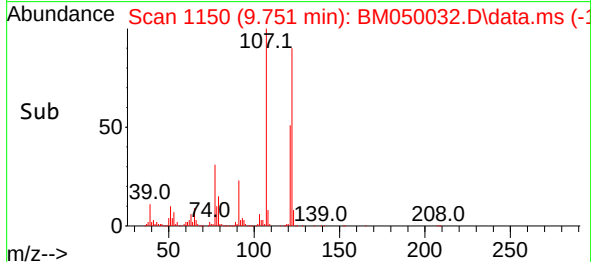
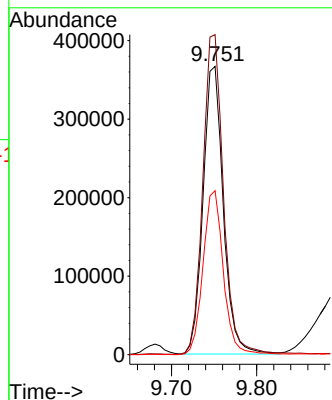
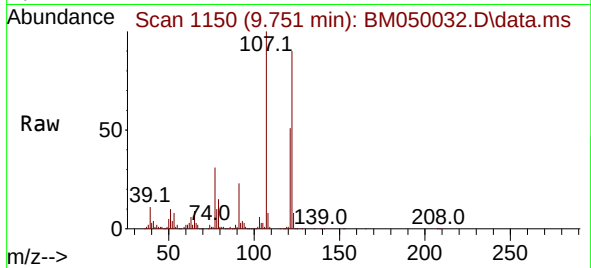




#27
2,4-Dimethylphenol
Concen: 46.404 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

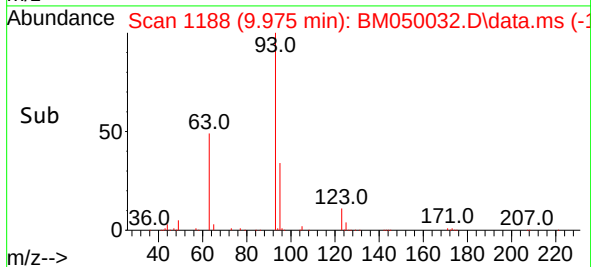
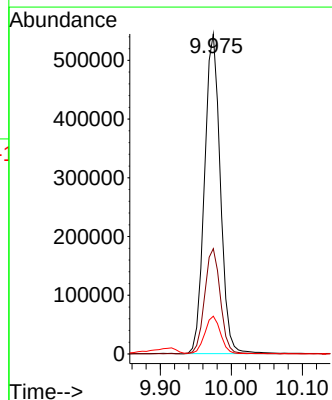
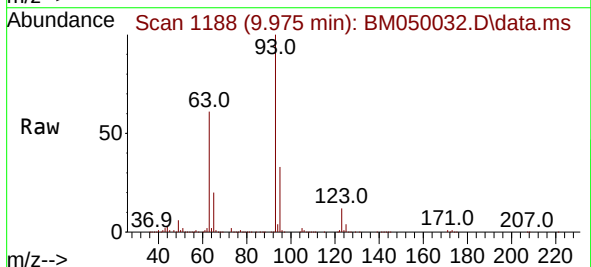
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

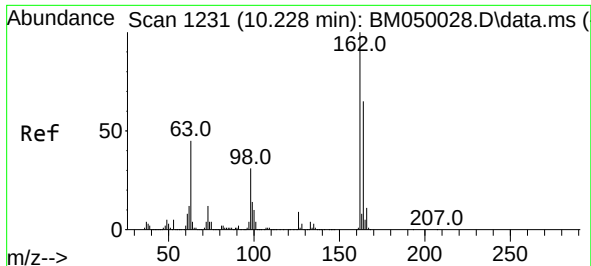
Tgt Ion:122 Resp: 605475
Ion Ratio Lower Upper
122 100
107 111.0 89.0 133.6
121 56.9 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.920 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 842968
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 46.375 ng

RT: 10.228 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

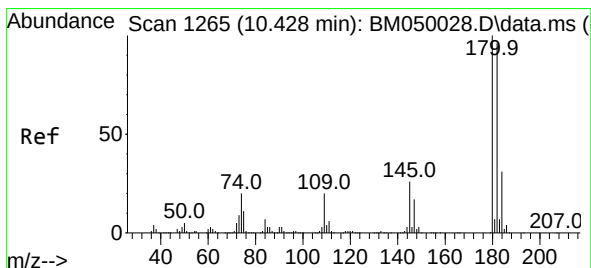
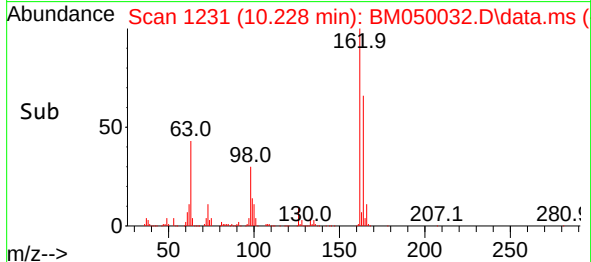
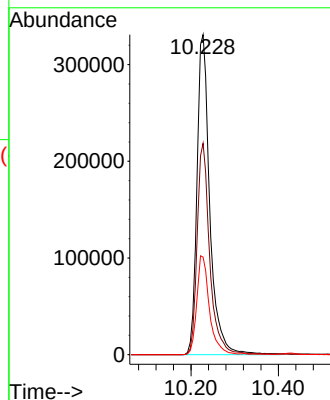
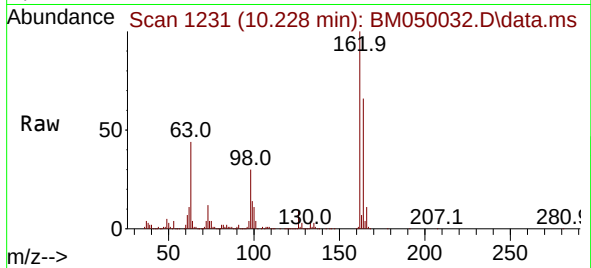
Tgt Ion:162 Resp: 677885

Ion Ratio Lower Upper

162 100

164 66.0 45.4 85.4

98 30.5 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 44.348 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

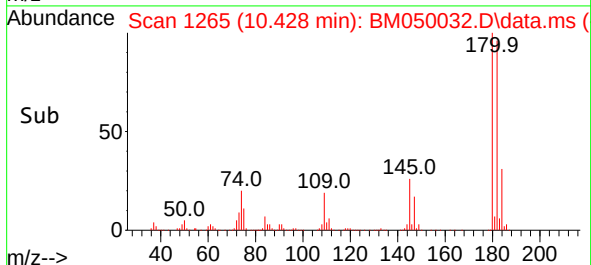
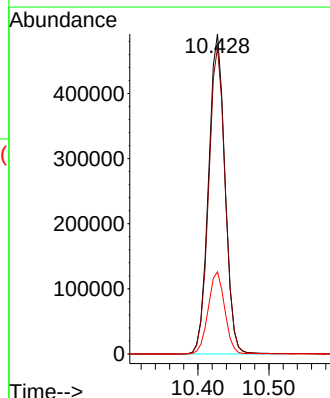
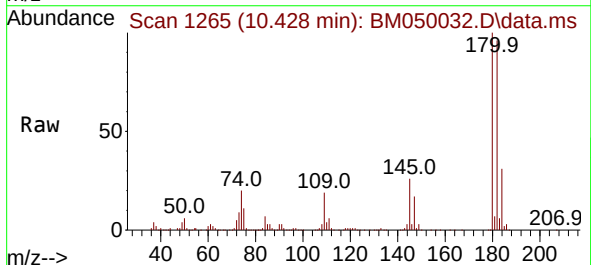
Tgt Ion:180 Resp: 789816

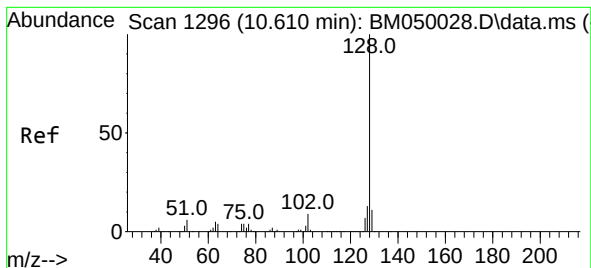
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.4

145 25.7 20.6 30.8

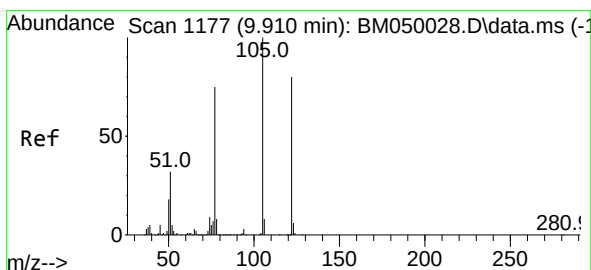
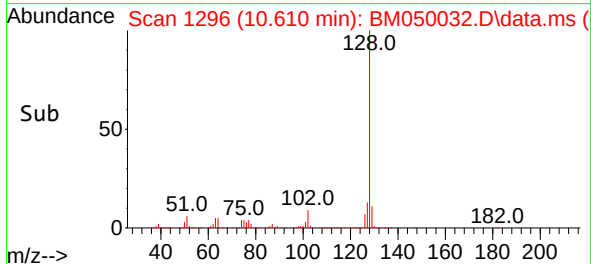
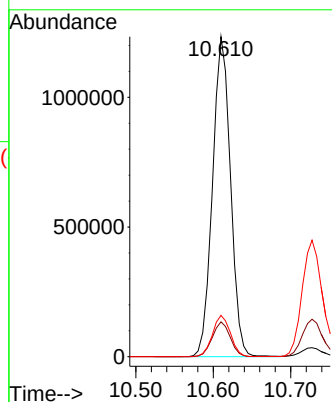
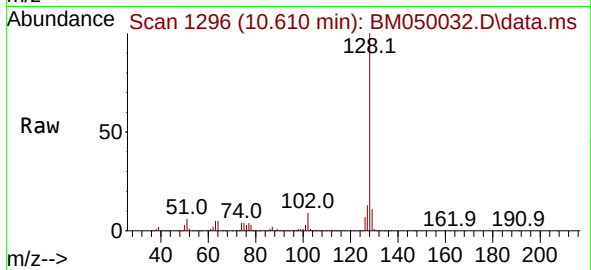




#31
Naphthalene
Concen: 44.651 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

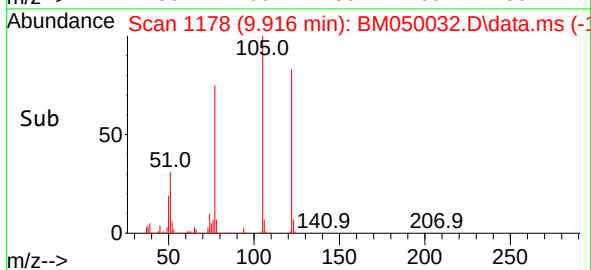
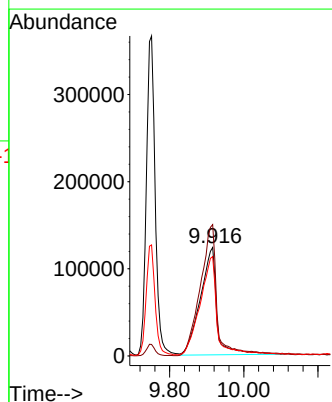
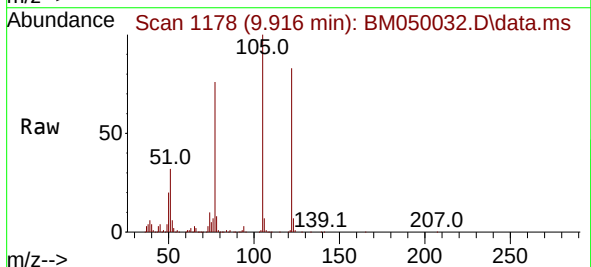
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

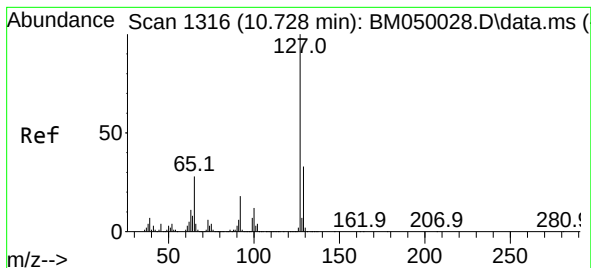
Tgt Ion:128 Resp: 1984698
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 46.063 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:122 Resp: 384400
Ion Ratio Lower Upper
122 100
105 121.1 103.6 143.6
77 91.7 73.7 113.7

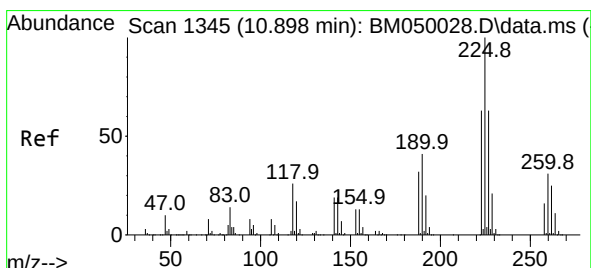
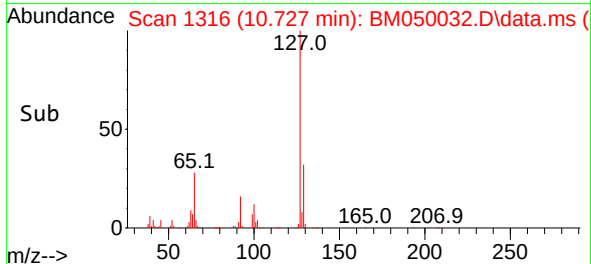
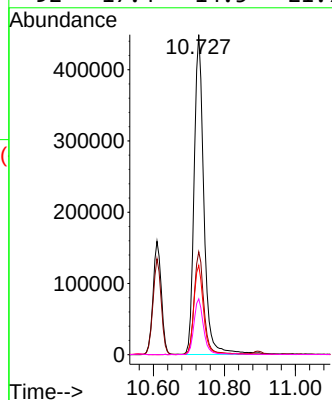
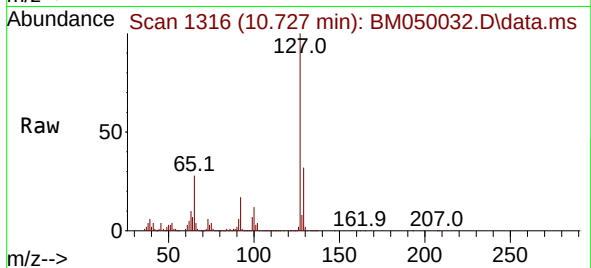




#33
4-Chloroaniline
Concen: 47.375 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

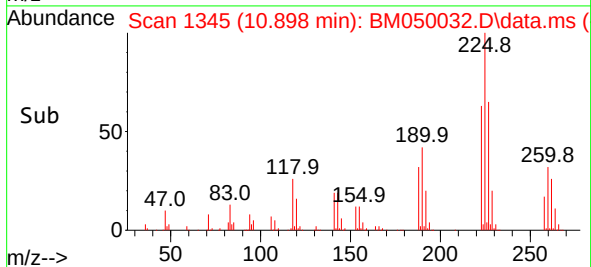
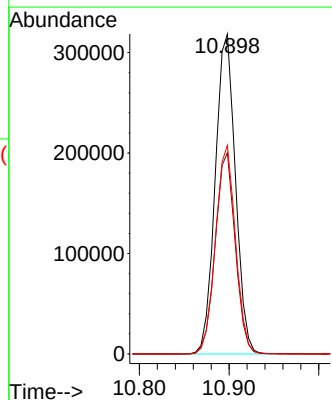
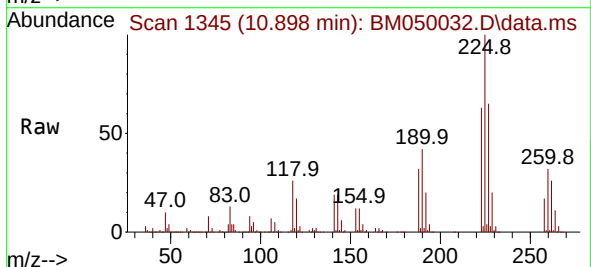
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

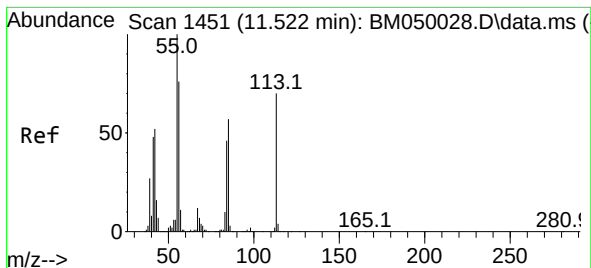
Tgt Ion:	127	Resp:	863111
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	27.9	22.5	33.7
92	17.4	14.5	21.7



#34
Hexachlorobutadiene
Concen: 44.034 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:	225	Resp:	497792
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	65.2	50.6	76.0

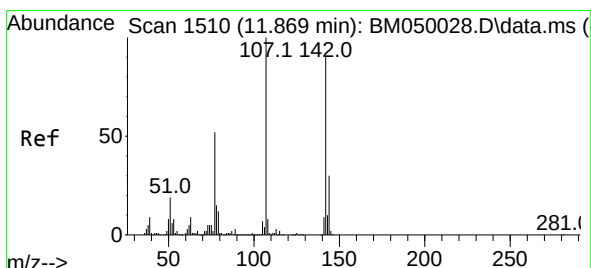
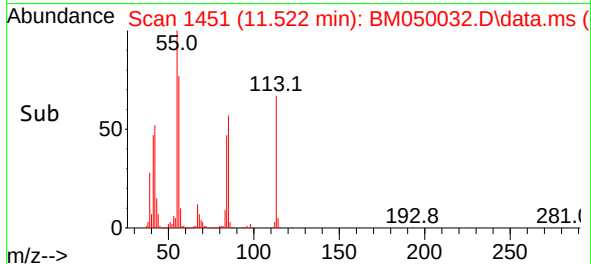
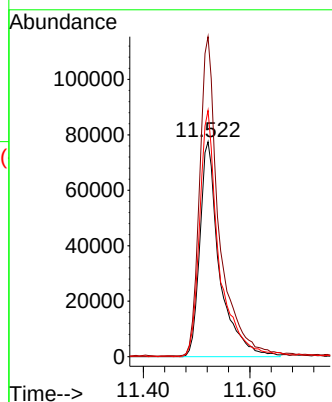
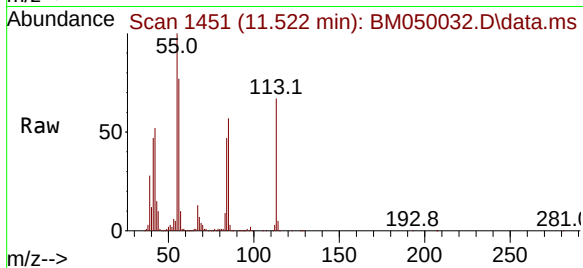




#35
Caprolactam
Concen: 46.481 ng
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

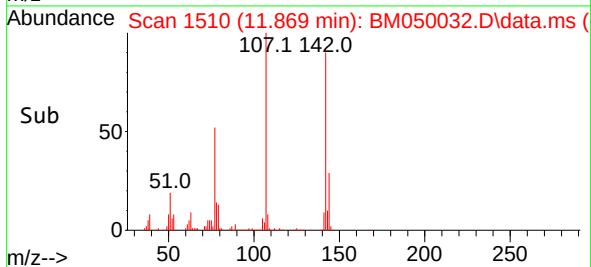
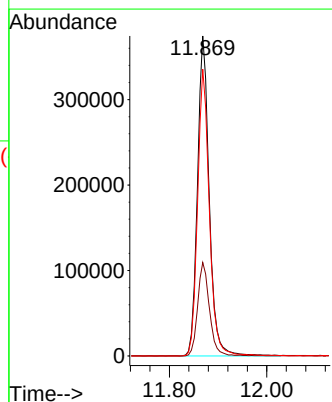
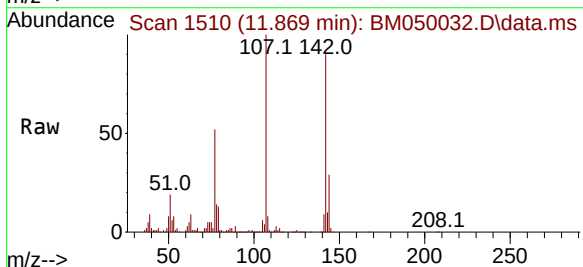
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

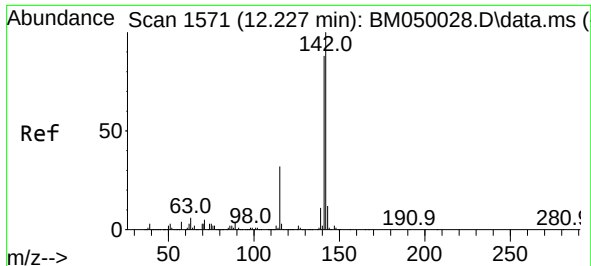
Tgt Ion:113 Resp: 198108
Ion Ratio Lower Upper
113 100
55 148.9 122.9 162.9
56 114.6 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 46.825 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 632365
Ion Ratio Lower Upper
107 100
144 29.2 23.8 35.6
142 89.6 71.9 107.9

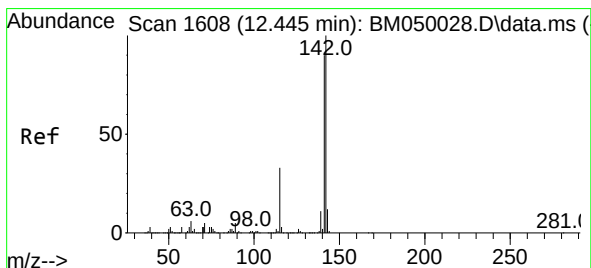
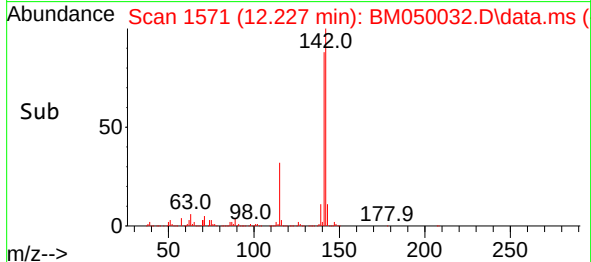
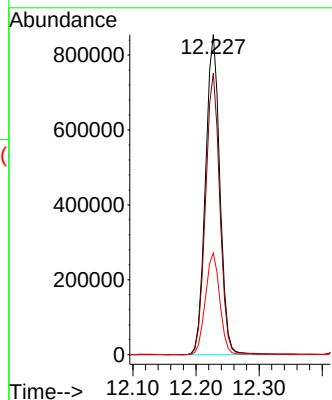
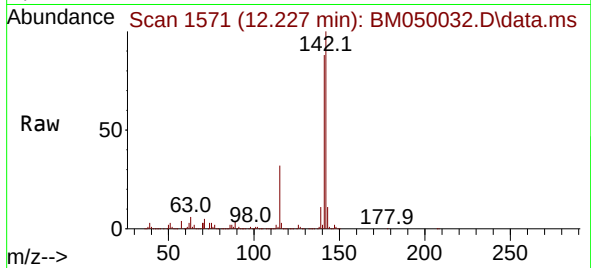




#37
2-Methylnaphthalene
Concen: 45.374 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

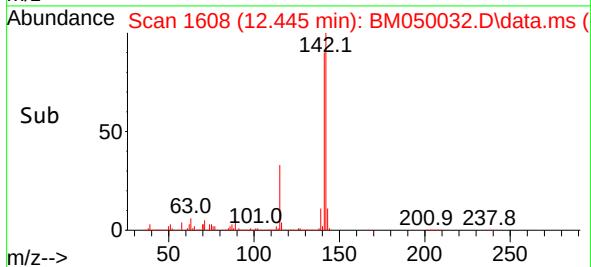
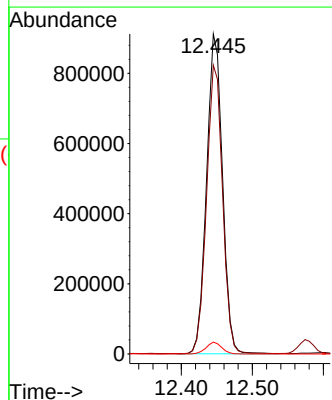
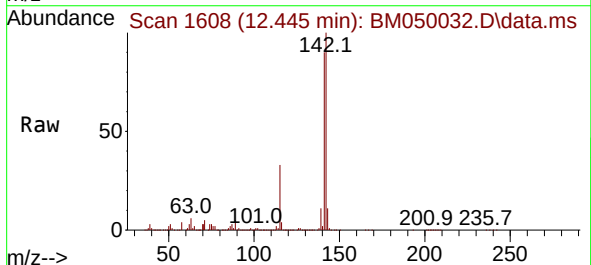
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

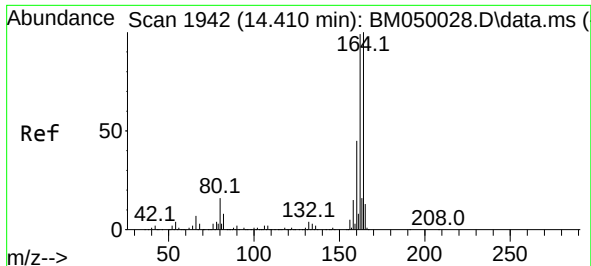
Tgt Ion:142 Resp: 1352170
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 31.8 25.4 38.2



#38
1-Methylnaphthalene
Concen: 45.198 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:142 Resp: 1425407
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1
116 3.7 2.7 4.1

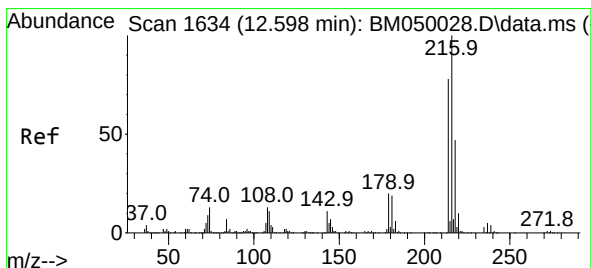
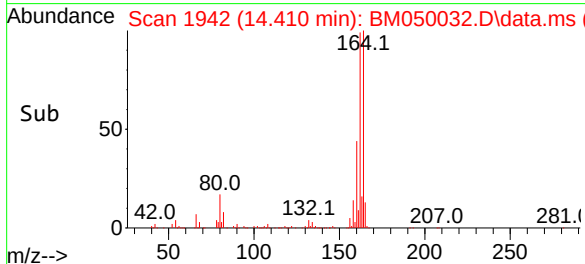
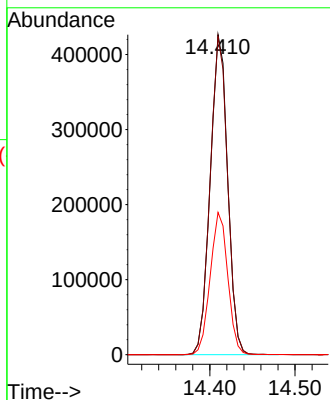
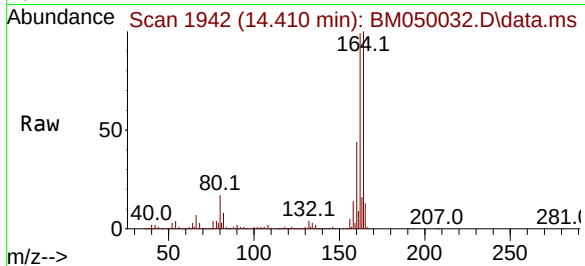




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

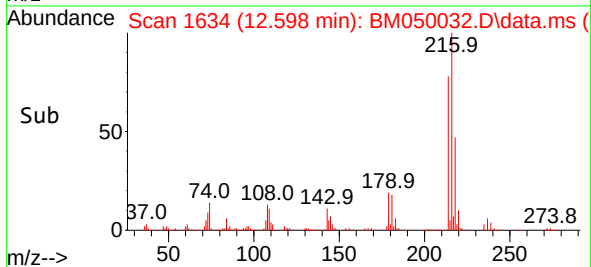
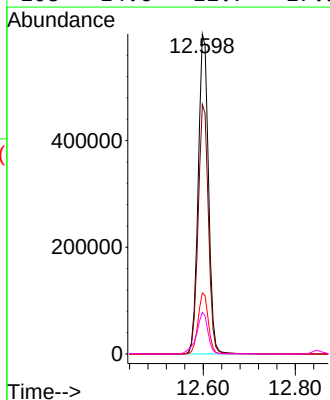
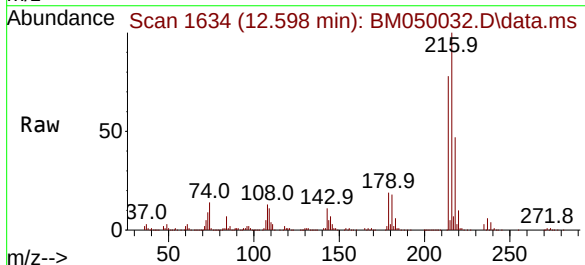
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

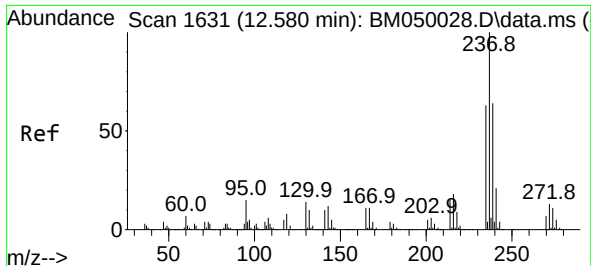
Tgt Ion:164 Resp: 605832
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 44.5 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.140 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:216 Resp: 925725
Ion Ratio Lower Upper
216 100
214 78.3 62.3 93.5
179 19.1 15.4 23.0
108 14.6 11.7 17.5

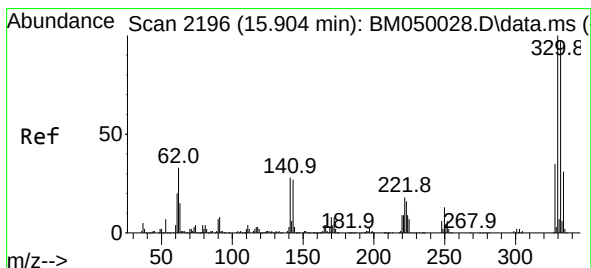
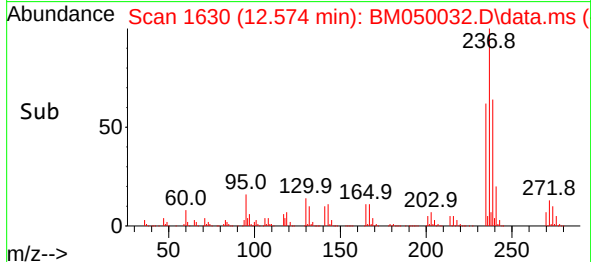
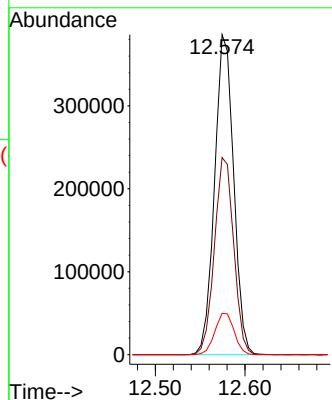
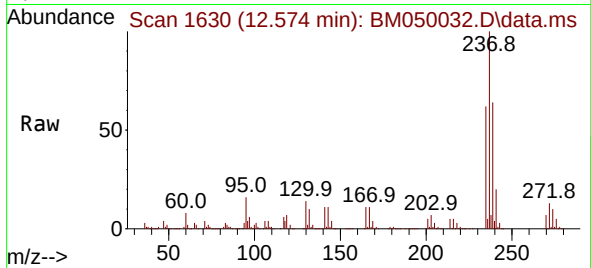




#41
Hexachlorocyclopentadiene
Concen: 44.374 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

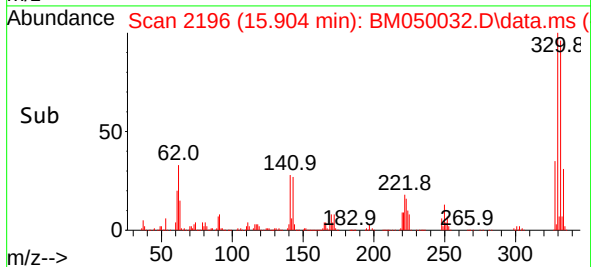
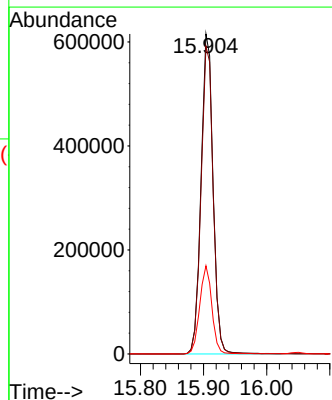
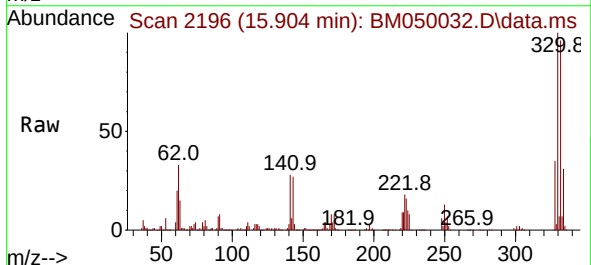
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

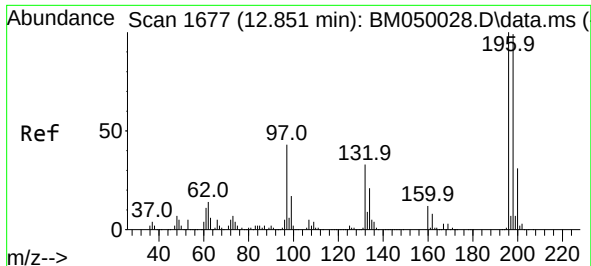
Tgt Ion:237 Resp: 568717
Ion Ratio Lower Upper
237 100
235 61.6 42.9 82.9
272 12.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 90.503 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:330 Resp: 810732
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 28.0 22.5 33.7

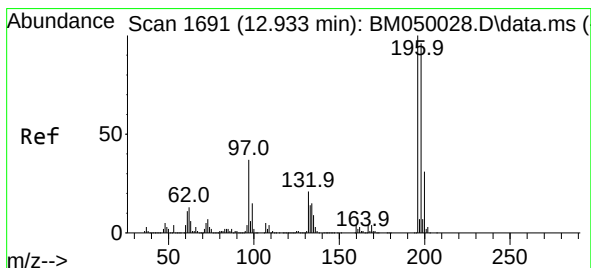
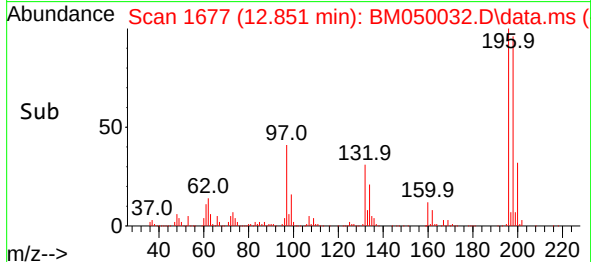
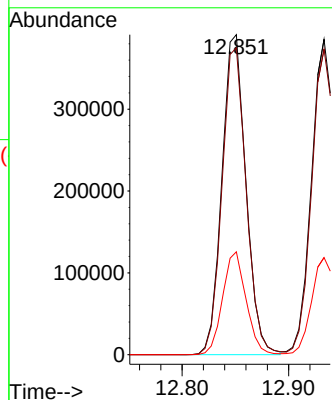
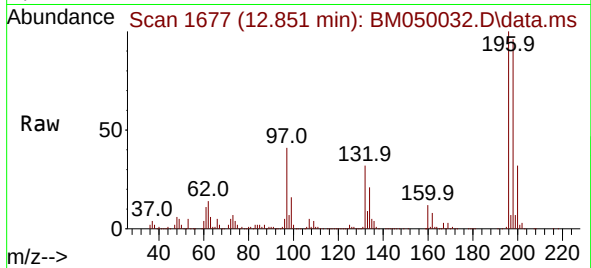




#43
2,4,6-Trichlorophenol
Concen: 46.094 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

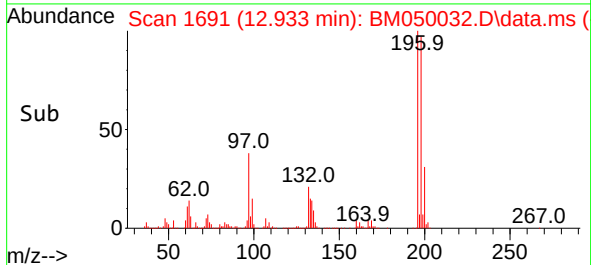
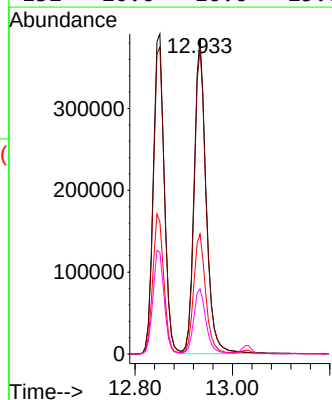
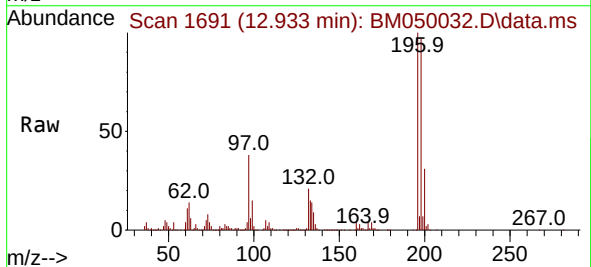
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

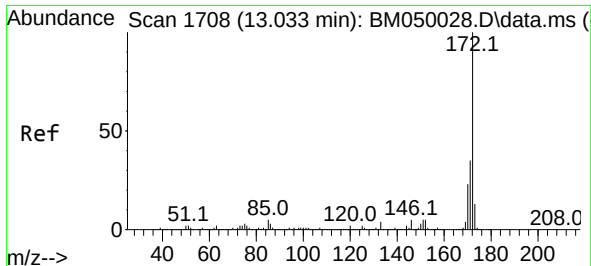
Tgt Ion:196 Resp: 613142
Ion Ratio Lower Upper
196 100
198 95.9 79.0 118.6
200 32.2 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 46.271 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:196 Resp: 663718
Ion Ratio Lower Upper
196 100
198 96.9 76.7 115.1
97 38.0 30.1 45.1
132 20.6 16.6 25.0

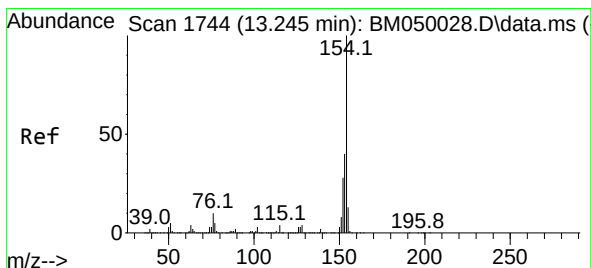
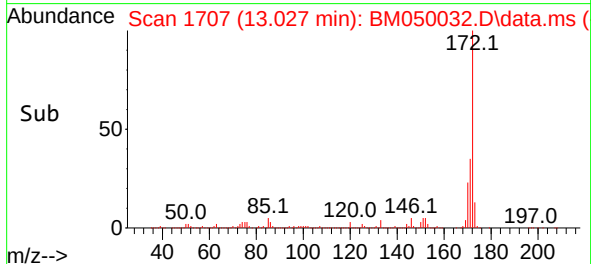
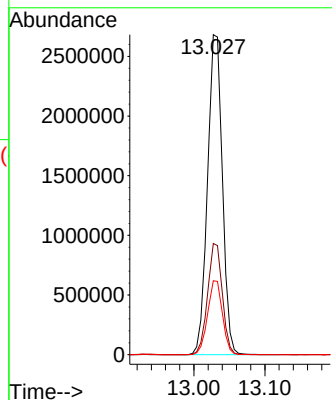
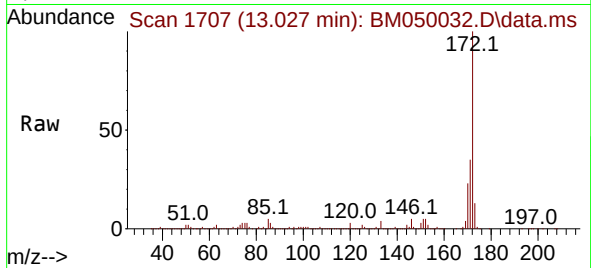




#45
2-Fluorobiphenyl
Concen: 76.259 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

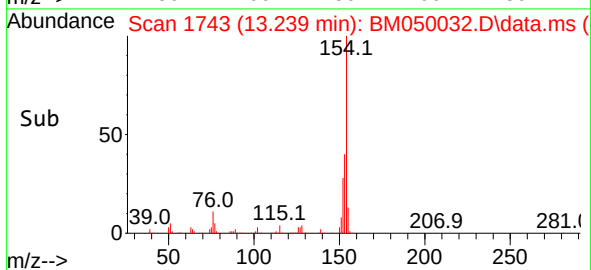
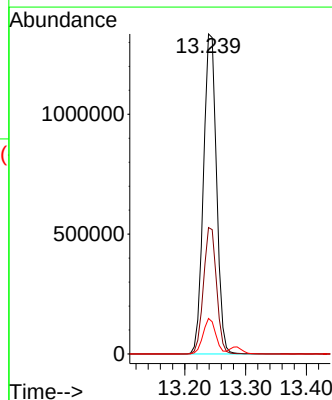
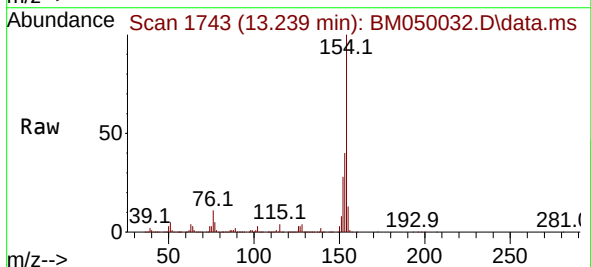
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

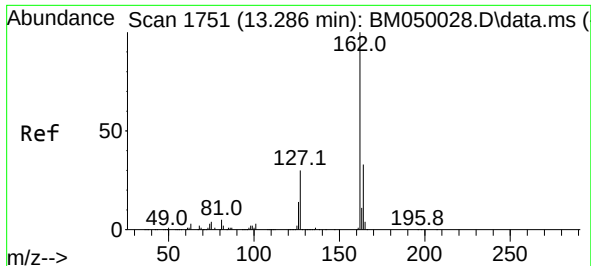
Tgt Ion:172 Resp: 3905385
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.207 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:154 Resp: 1990852
Ion Ratio Lower Upper
154 100
153 39.5 20.0 60.0
76 11.1 0.0 30.3

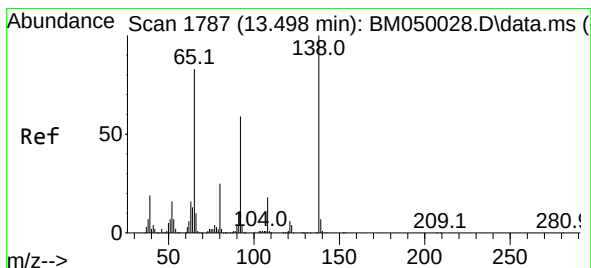
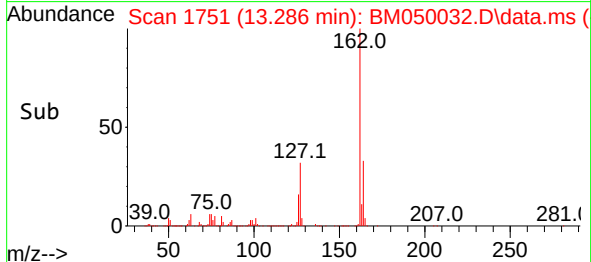
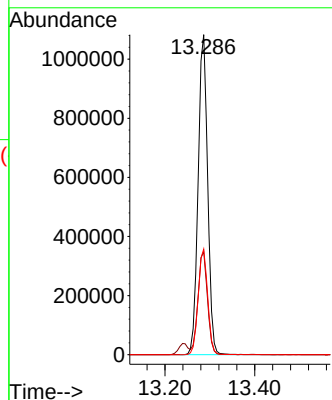
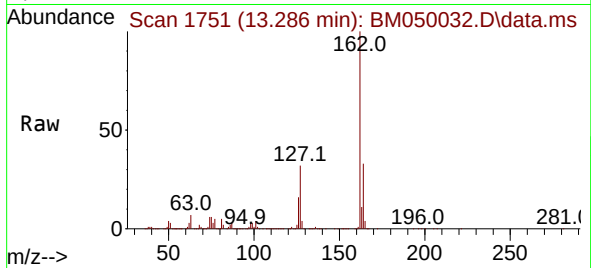




#47
2-Chloronaphthalene
Concen: 44.684 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

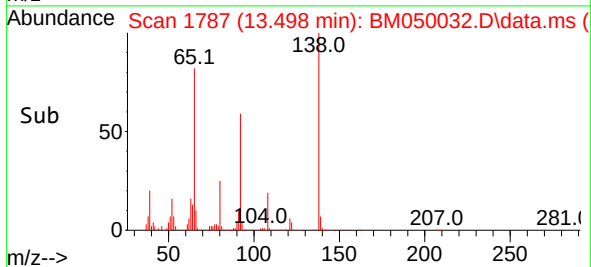
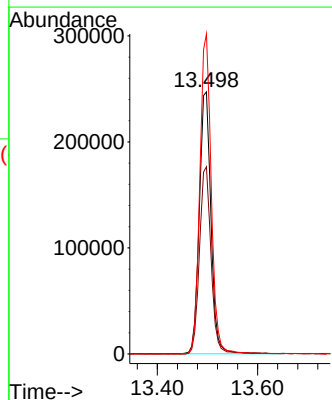
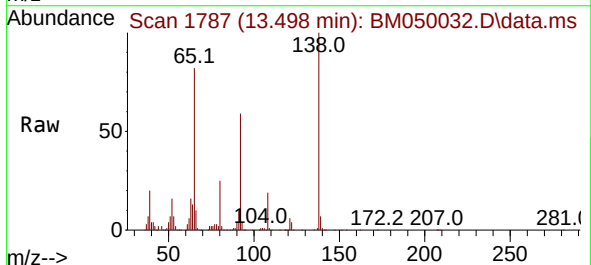
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

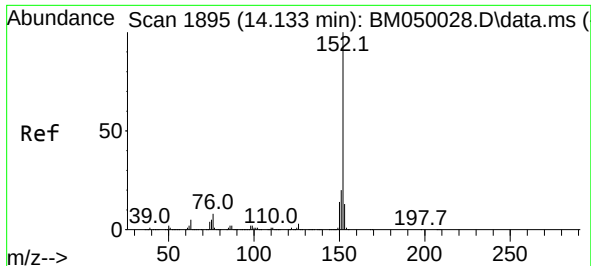
Tgt Ion:162 Resp: 1593769
Ion Ratio Lower Upper
162 100
127 32.2 25.9 38.9
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 47.621 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 65 Resp: 398645
Ion Ratio Lower Upper
65 100
92 71.5 57.1 85.7
138 122.1 97.0 145.4

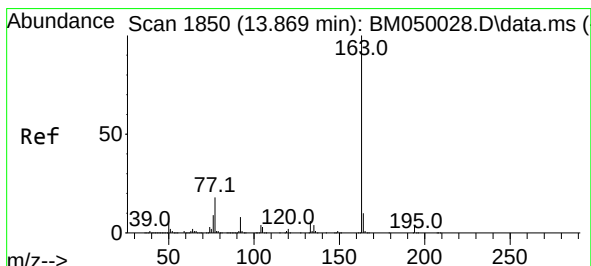
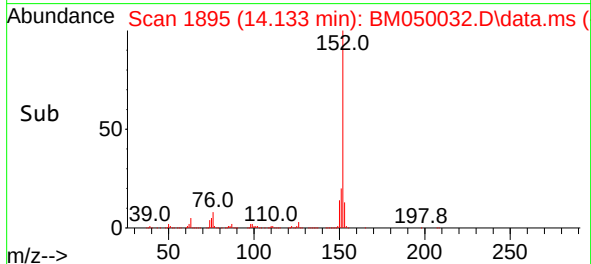
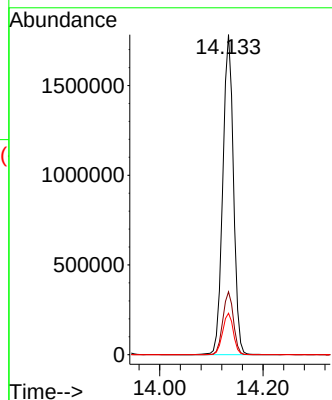
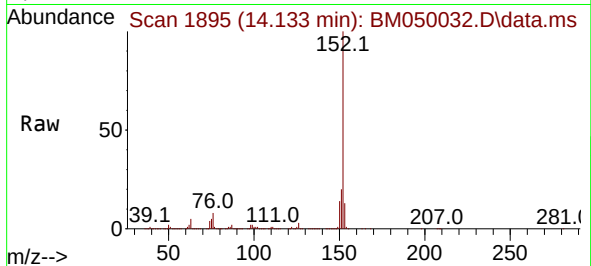




#49
Acenaphthylene
Concen: 45.315 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

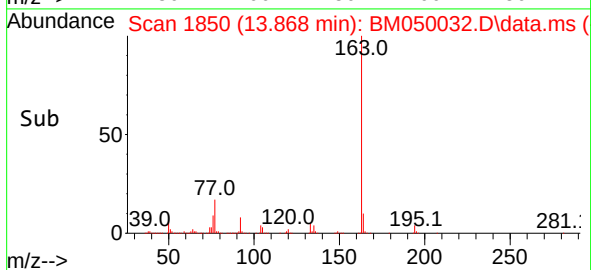
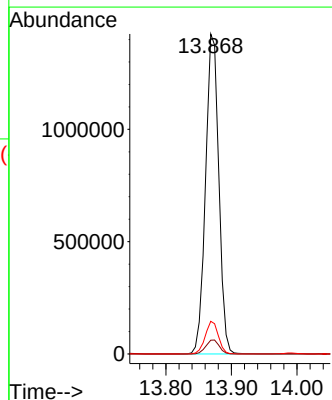
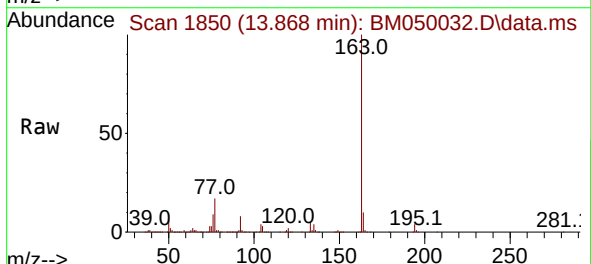
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

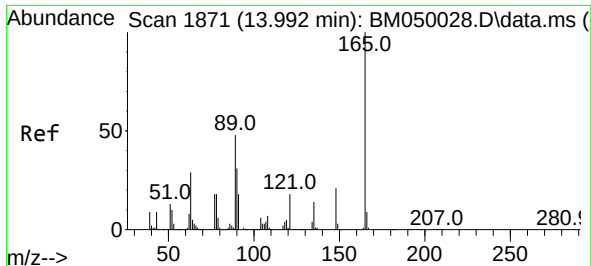
Tgt Ion:152 Resp: 2548342
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 45.338 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:163 Resp: 2007342
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2

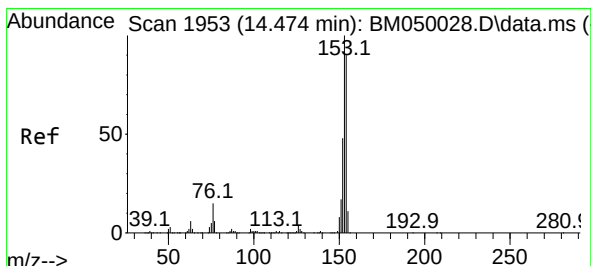
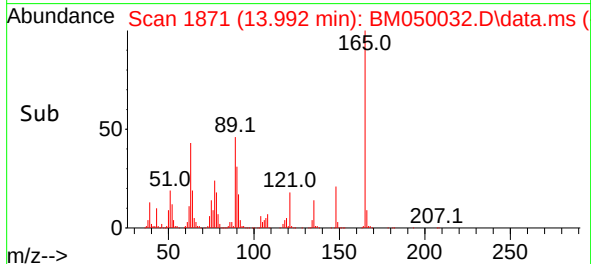
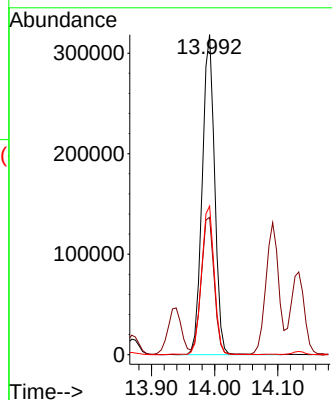
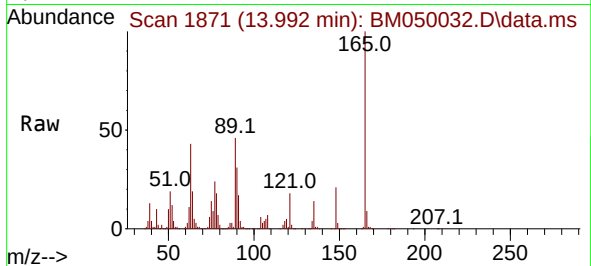




#51
2,6-Dinitrotoluene
Concen: 47.554 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

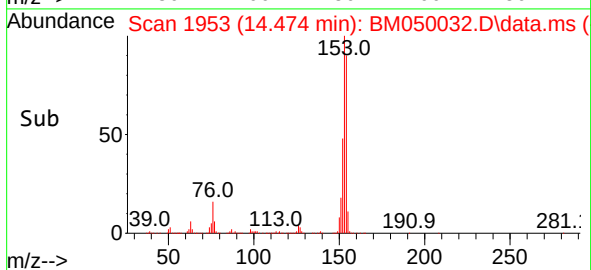
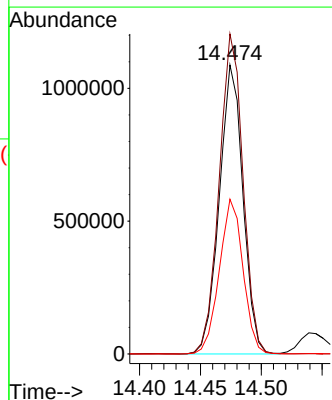
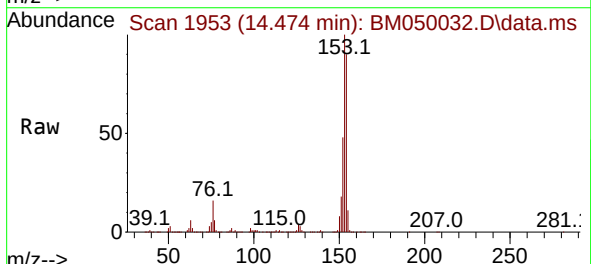
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

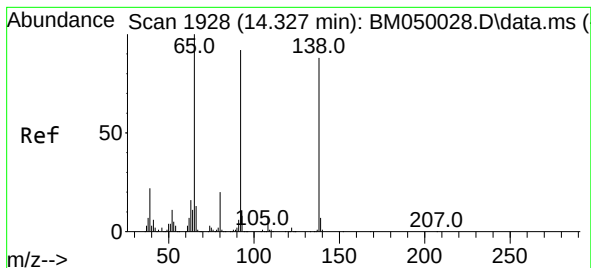
Tgt Ion:165 Resp: 435925
Ion Ratio Lower Upper
165 100
63 42.9 35.1 52.7
89 46.4 38.4 57.6



#52
Acenaphthene
Concen: 45.210 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:154 Resp: 1471672
Ion Ratio Lower Upper
154 100
153 110.7 89.0 133.4
152 53.5 43.0 64.6

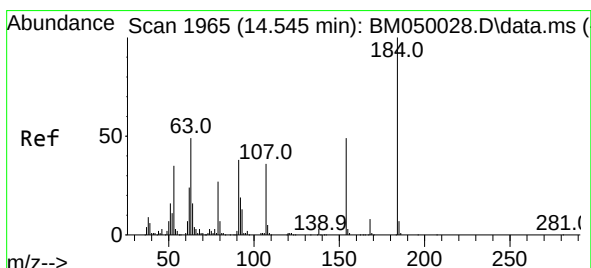
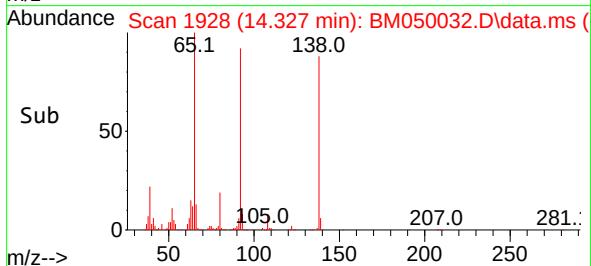
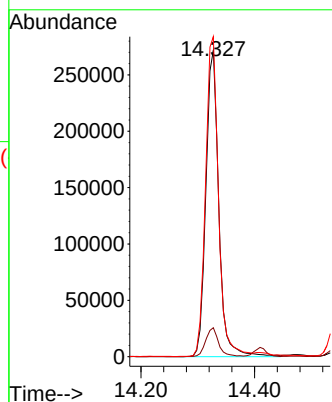
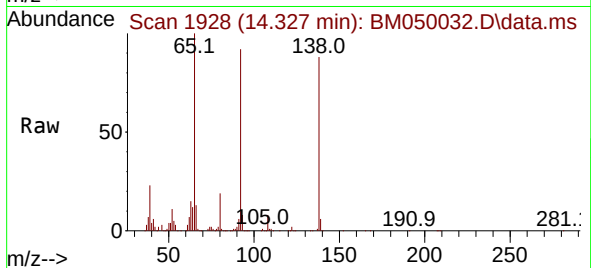




#53
3-Nitroaniline
Concen: 48.843 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

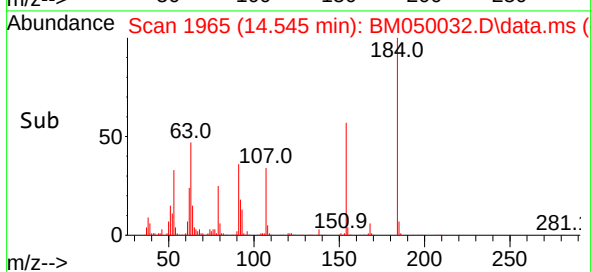
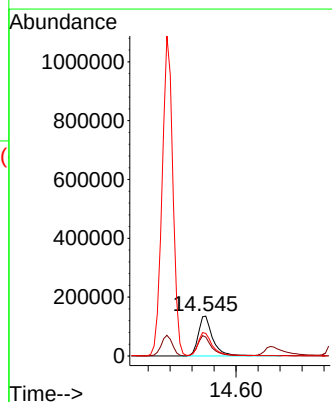
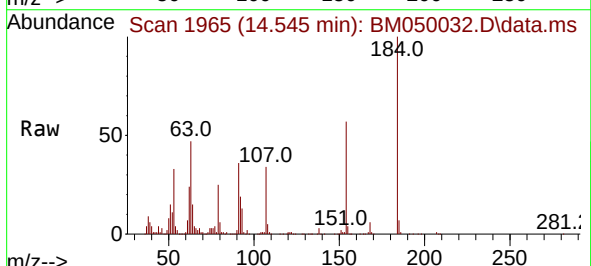
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

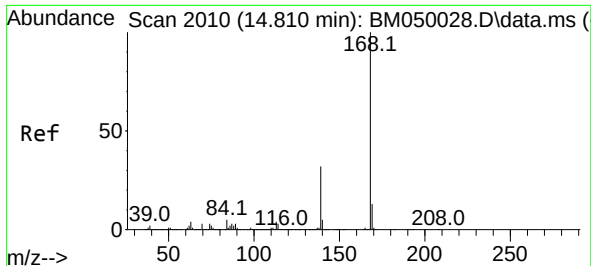
Tgt Ion:138 Resp: 427464
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 104.5 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 45.189 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:184 Resp: 249307
Ion Ratio Lower Upper
184 100
63 47.3 39.8 59.6
154 56.7 46.1 69.1

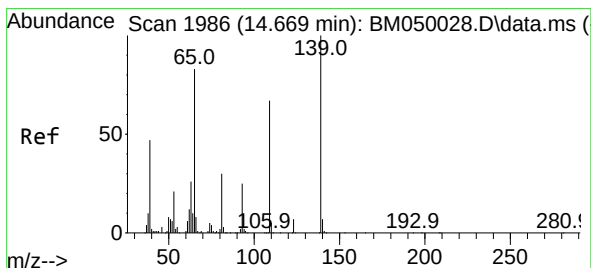
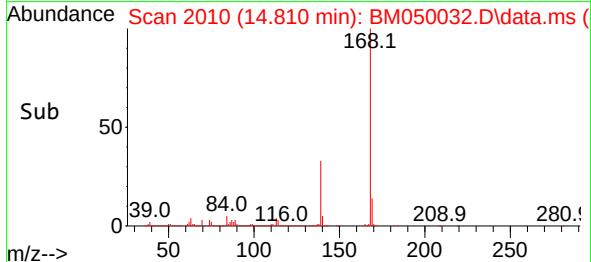
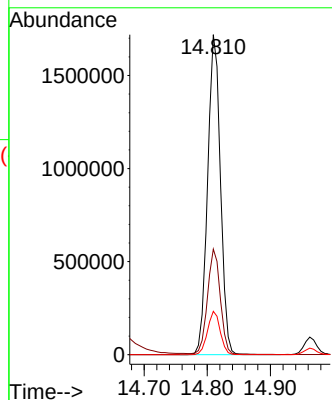
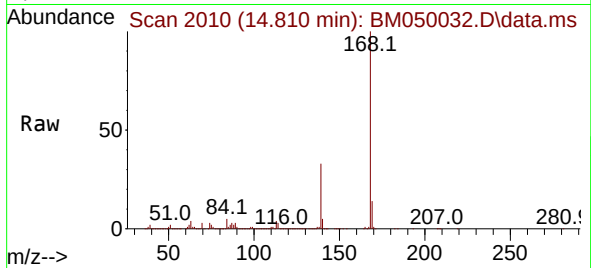




#55
Dibenzofuran
Concen: 44.828 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

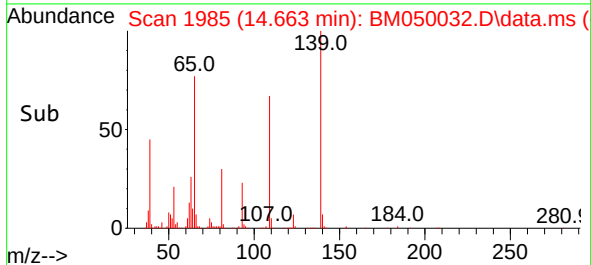
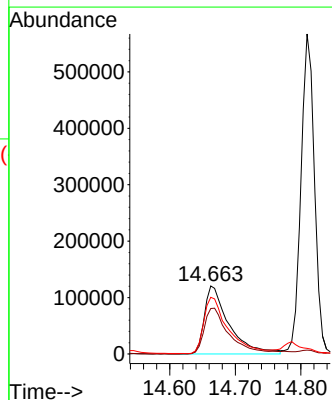
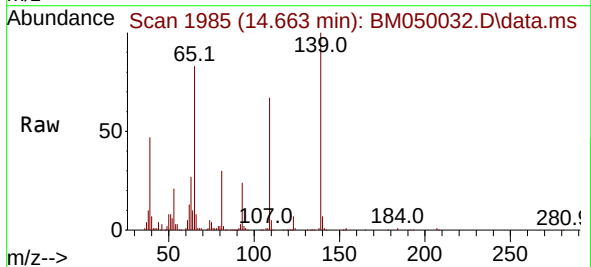
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

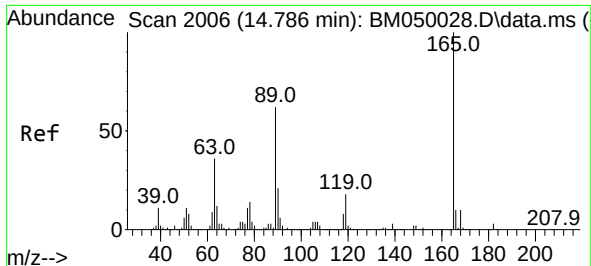
Tgt Ion:168 Resp: 2427830
Ion Ratio Lower Upper
168 100
139 33.0 26.1 39.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 46.012 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:139 Resp: 313065
Ion Ratio Lower Upper
139 100
109 66.8 47.0 87.0
65 83.4 64.3 104.3

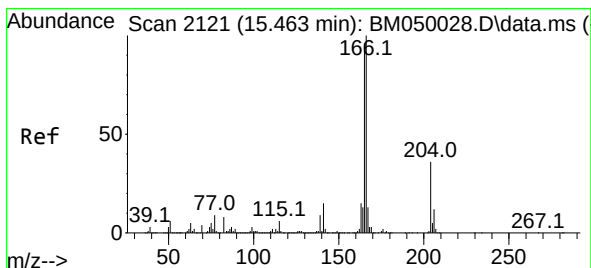
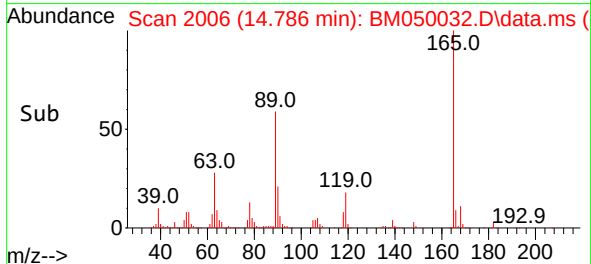
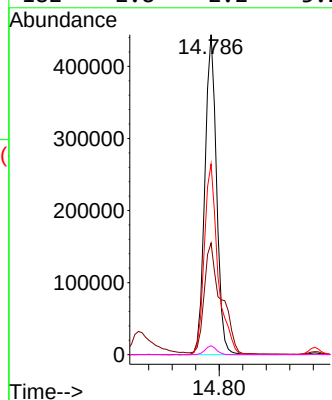
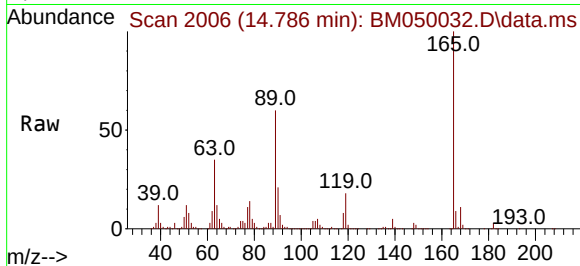




#57
2,4-Dinitrotoluene
Concen: 48.311 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

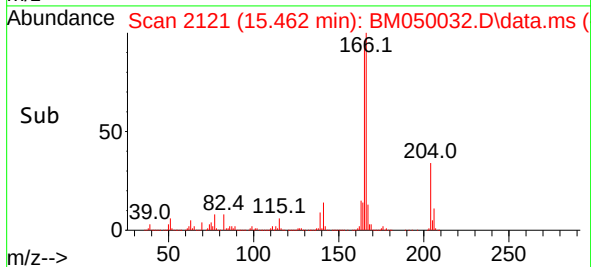
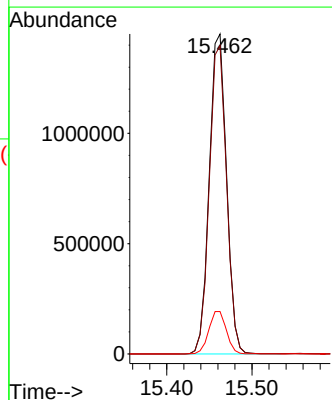
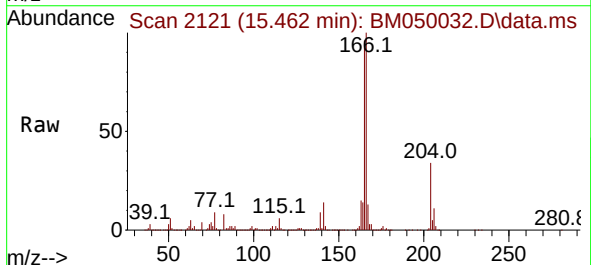
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

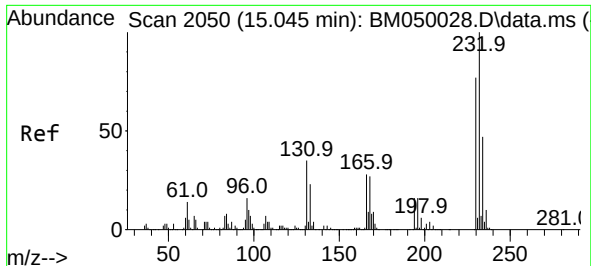
Tgt Ion:165 Resp: 611943
Ion Ratio Lower Upper
165 100
63 34.9 29.0 43.6
89 59.6 49.4 74.2
182 2.8 2.2 3.2



#58
Fluorene
Concen: 46.115 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:166 Resp: 2044284
Ion Ratio Lower Upper
166 100
165 96.4 76.6 115.0
167 13.3 10.6 16.0

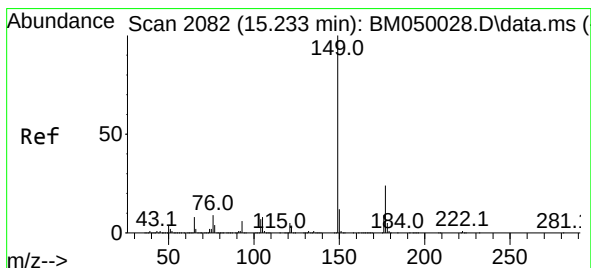
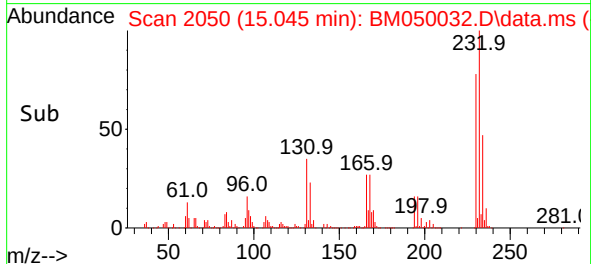
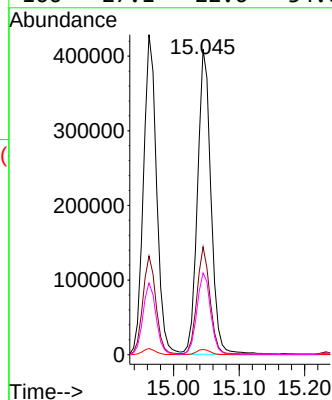
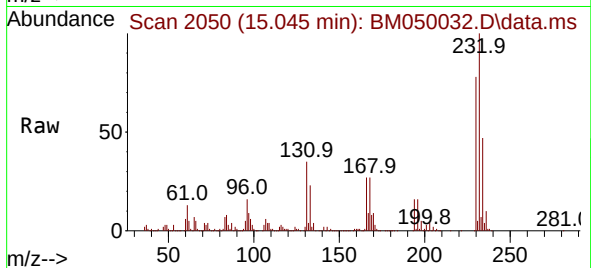




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.970 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

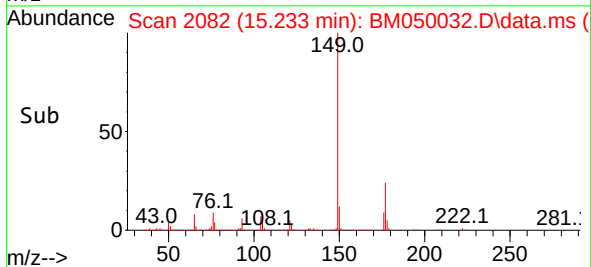
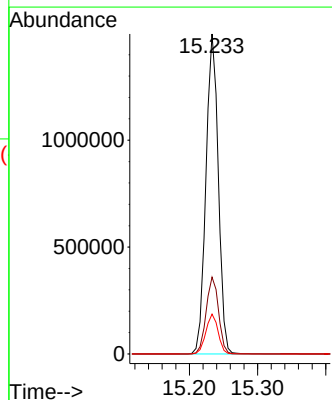
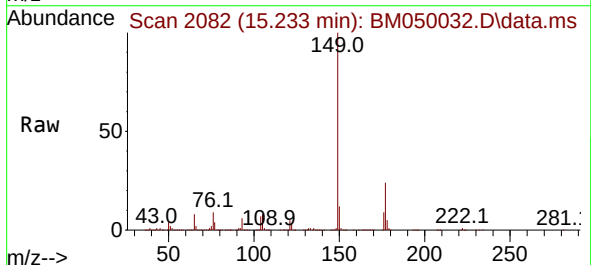
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

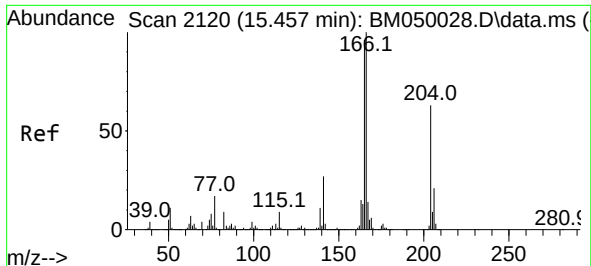
Tgt Ion:232 Resp: 583198
Ion Ratio Lower Upper
232 100
131 34.5 28.2 42.4
130 1.8 1.5 2.3
166 27.1 22.6 34.0



#60
Diethylphthalate
Concen: 45.299 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 1889827
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 12.4 9.6 14.4

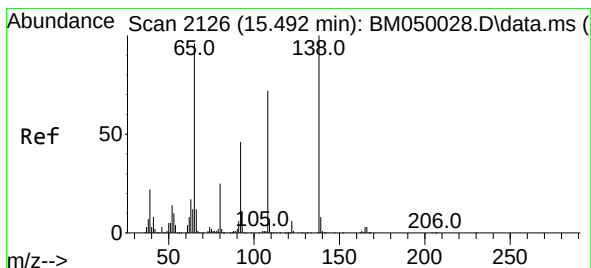
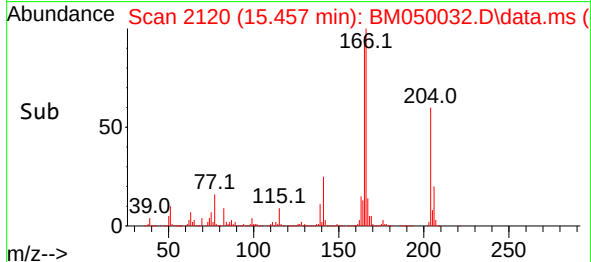
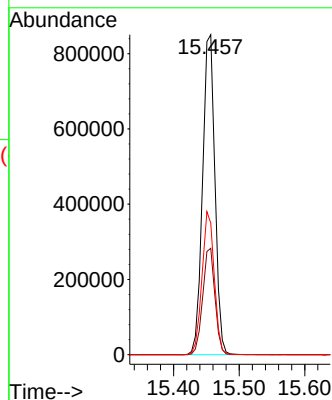
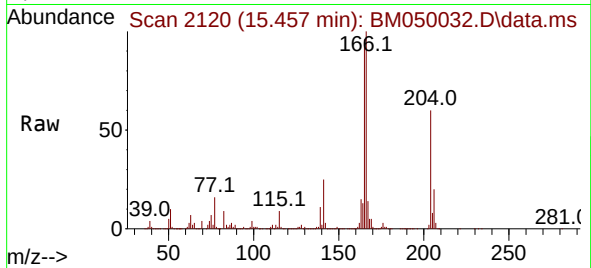




#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

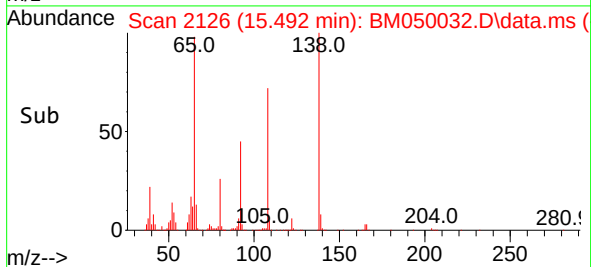
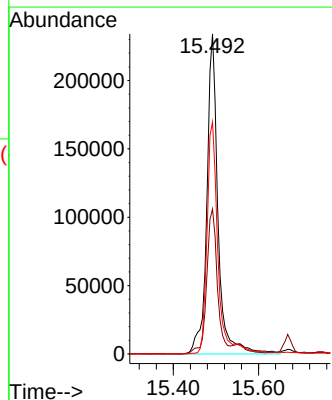
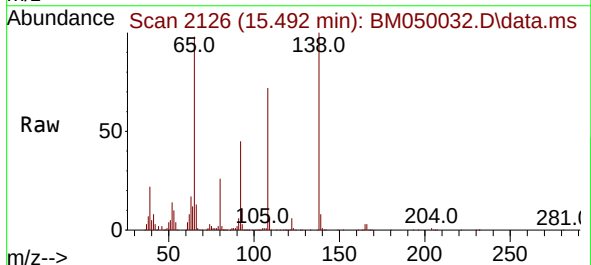
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

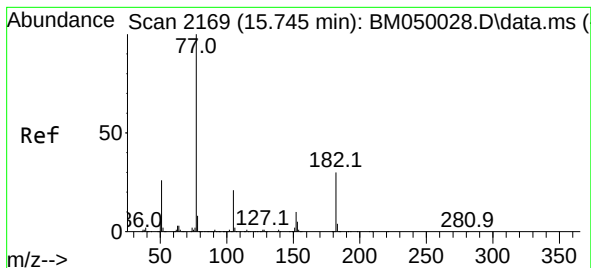
Tgt Ion:204 Resp: 1118837
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 41.1 34.0 51.0



#62
4-Nitroaniline
Concen: 50.610 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:138 Resp: 427339
Ion Ratio Lower Upper
138 100
92 45.3 25.9 65.9
108 72.5 52.4 92.4





#63

Azobenzene

Concen: 45.747 ng

RT: 15.745 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion: 77 Resp: 1599489

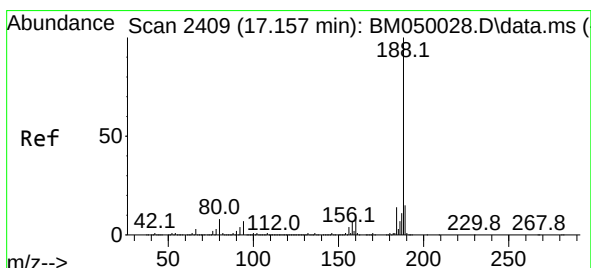
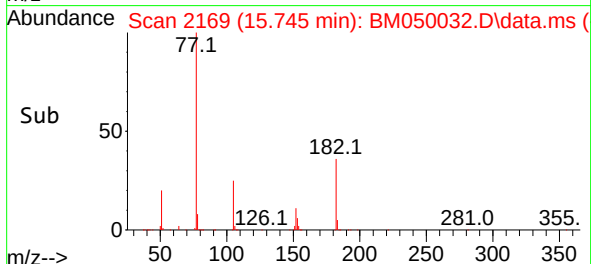
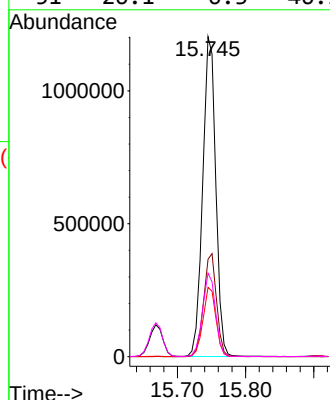
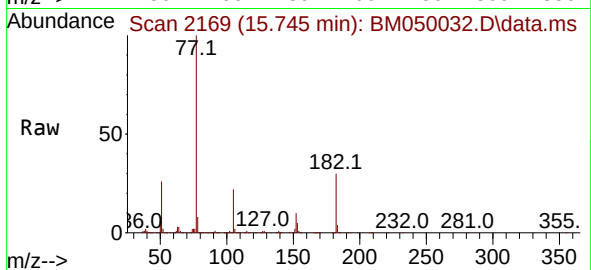
Ion Ratio Lower Upper

77 100

182 30.5 10.5 50.5

105 21.6 1.1 41.1

51 26.1 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.156 min Scan# 2409

Delta R.T. -0.001 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

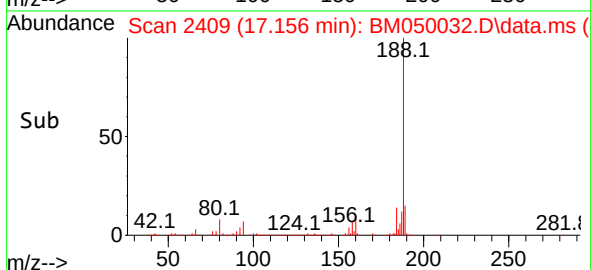
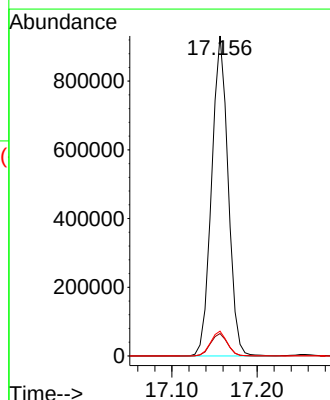
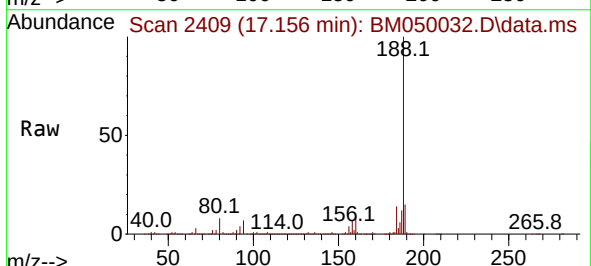
Tgt Ion: 188 Resp: 1251563

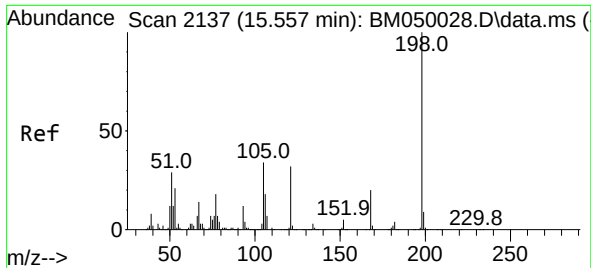
Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 7.7 6.2 9.4

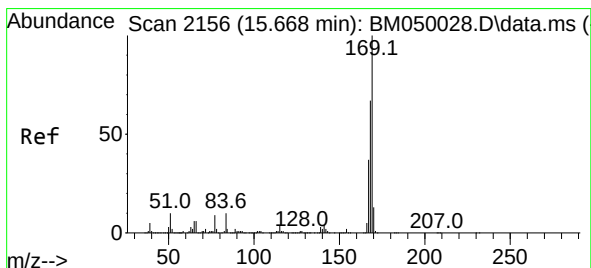
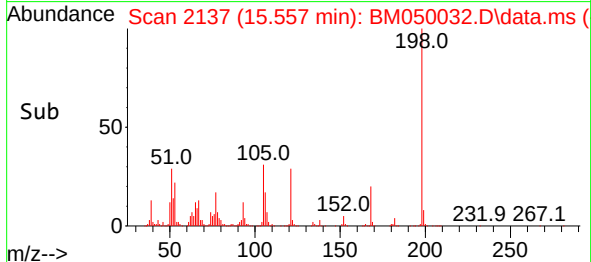
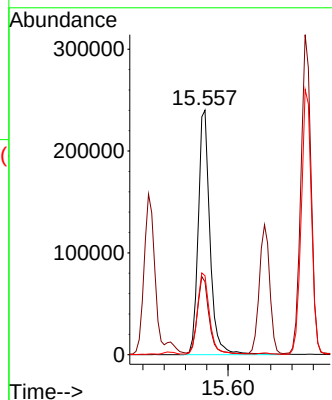
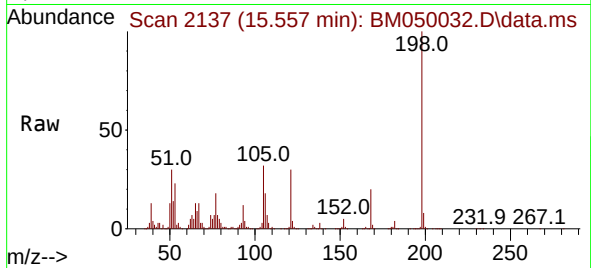




#65
4,6-Dinitro-2-methylphenol
Concen: 46.920 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

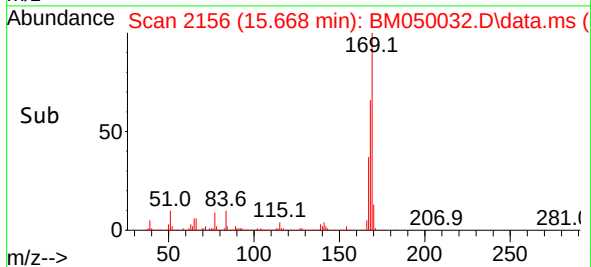
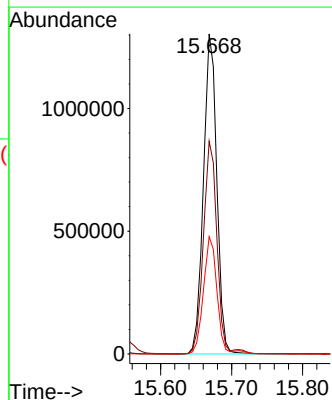
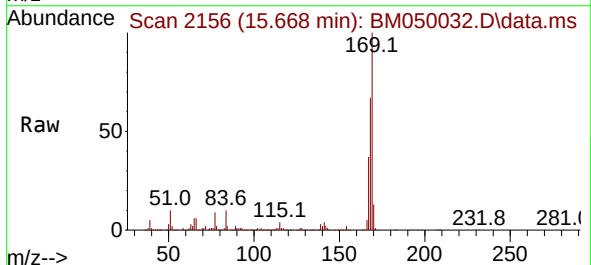
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

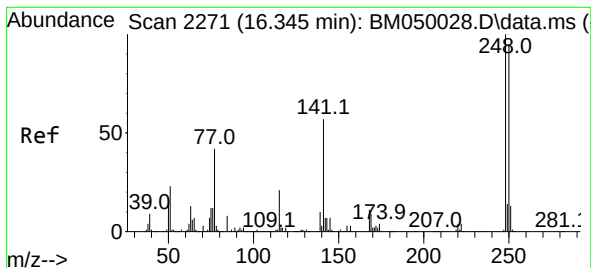
Tgt Ion:198 Resp: 367586
Ion Ratio Lower Upper
198 100
51 29.9 10.4 50.4
105 32.3 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.485 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:169 Resp: 1709666
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.6 29.4 44.0

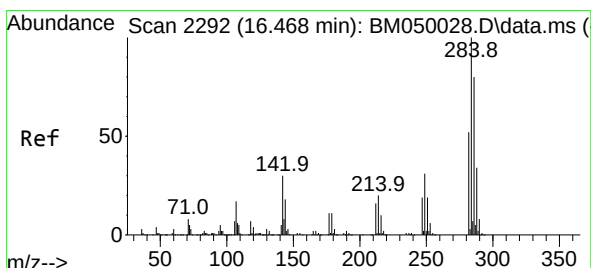
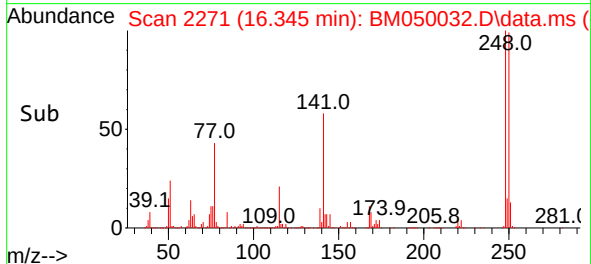
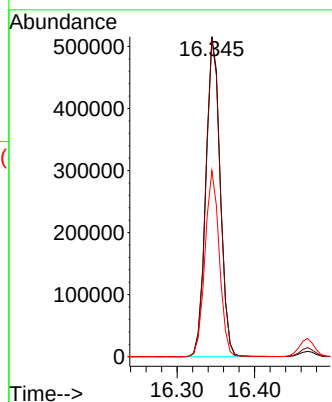
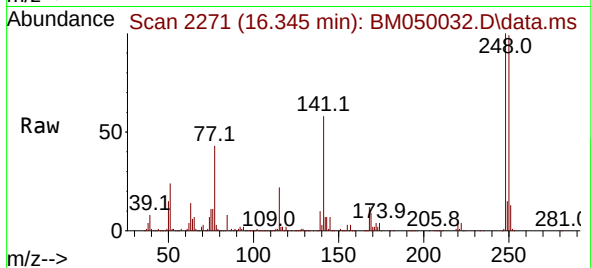




#67
4-Bromophenyl-phenylether
Concen: 43.944 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

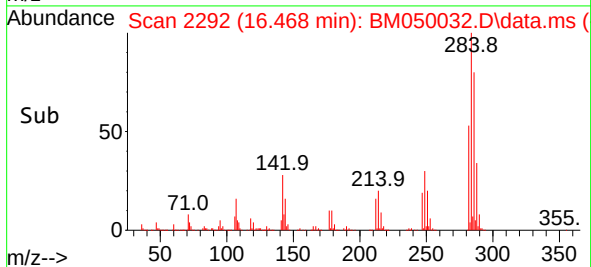
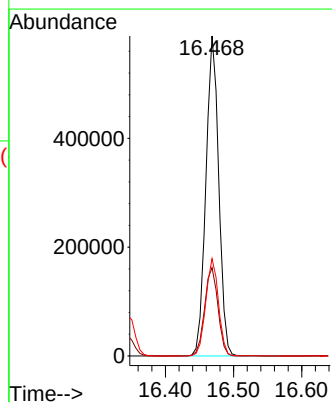
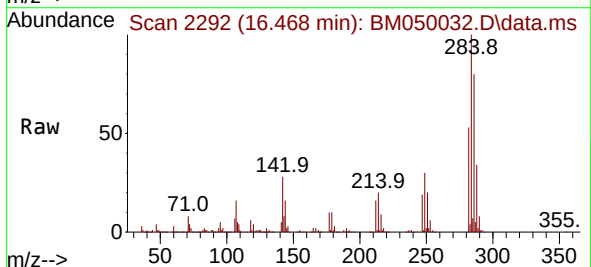
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

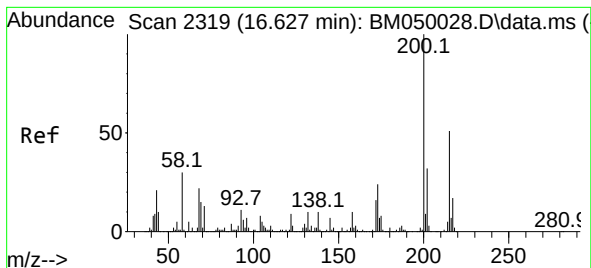
Tgt Ion:248 Resp: 665088
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.2
141 58.1 45.9 68.9



#68
Hexachlorobenzene
Concen: 44.174 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:284 Resp: 770651
Ion Ratio Lower Upper
284 100
142 27.6 23.9 35.9
249 30.4 24.5 36.7





#69

Atrazine

Concen: 44.483 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

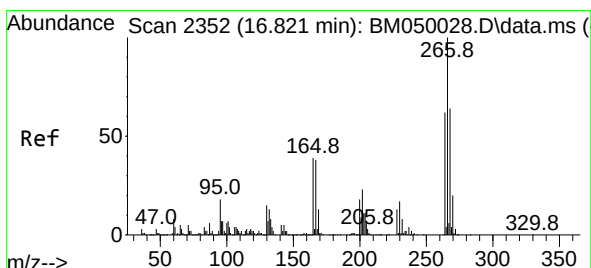
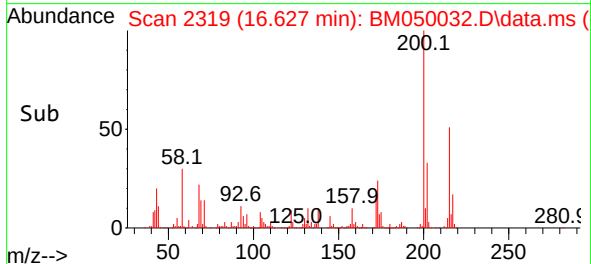
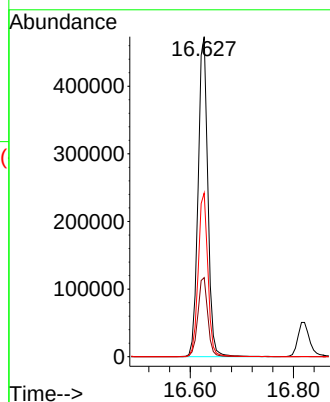
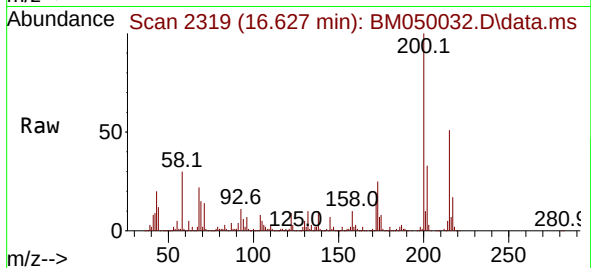
Tgt Ion:200 Resp: 616670

Ion Ratio Lower Upper

200 100

173 24.7 4.3 44.3

215 51.1 30.6 70.6



#70

Pentachlorophenol

Concen: 46.059 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

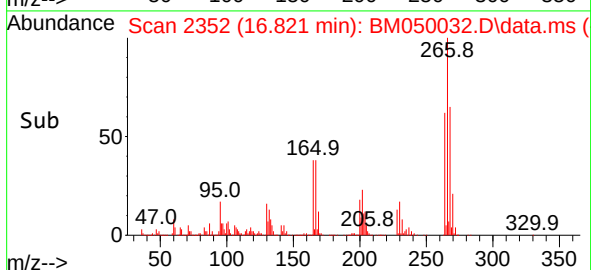
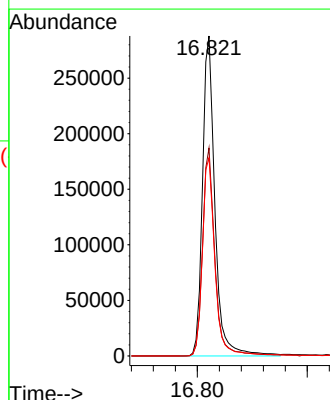
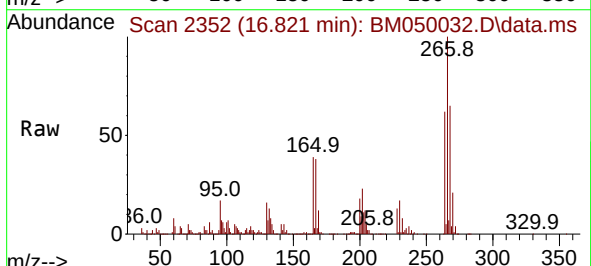
Tgt Ion:266 Resp: 452303

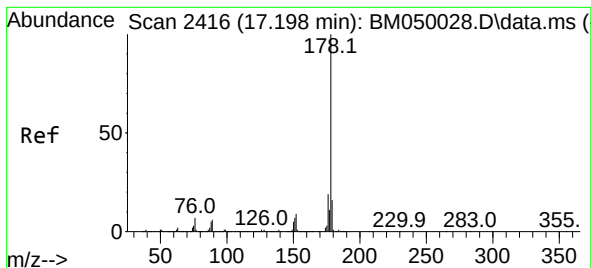
Ion Ratio Lower Upper

266 100

268 64.9 51.2 76.8

264 61.9 49.6 74.4





#71

Phenanthrene

Concen: 44.895 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

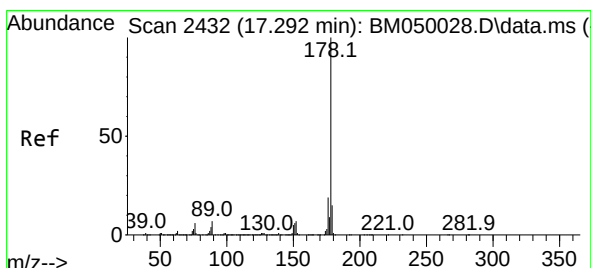
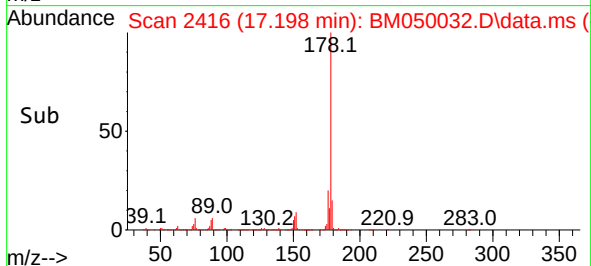
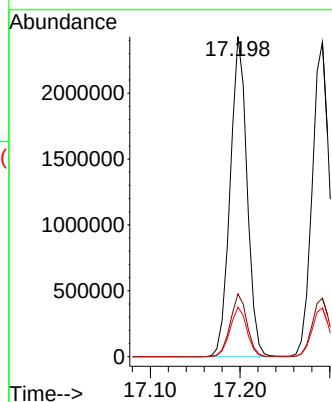
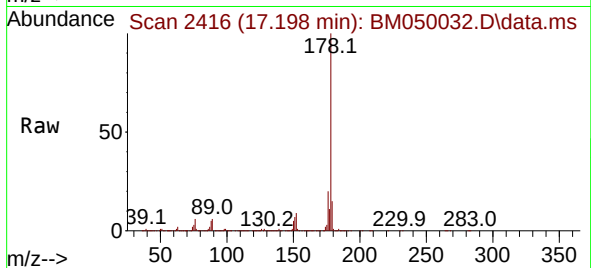
Tgt Ion:178 Resp: 3169143

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 45.381 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

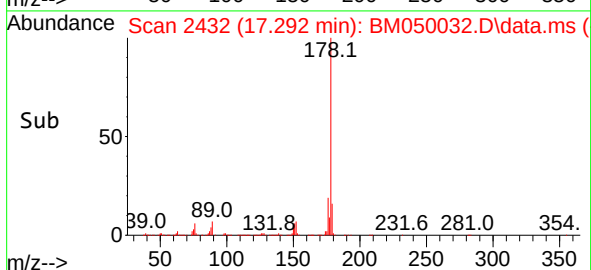
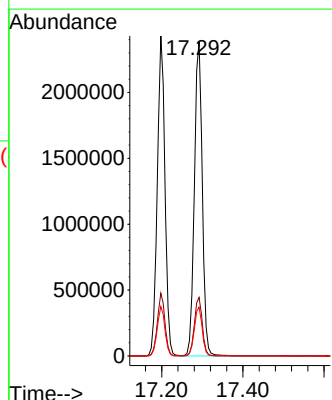
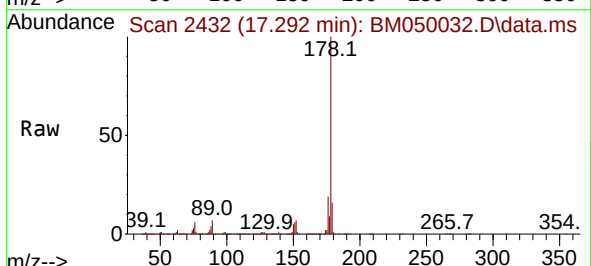
Tgt Ion:178 Resp: 3241829

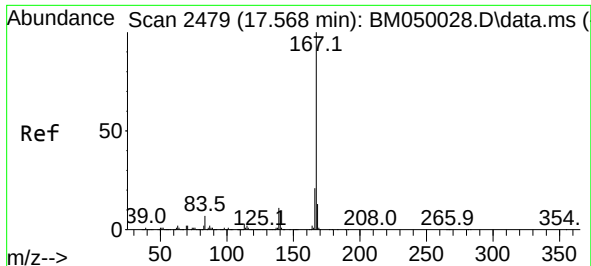
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.5 12.2 18.4

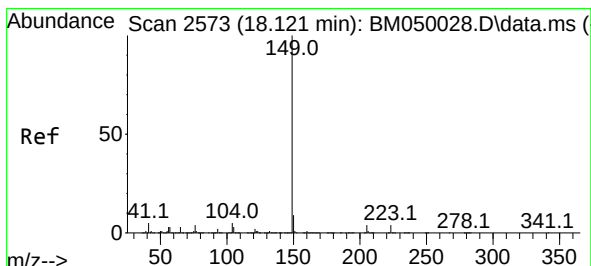
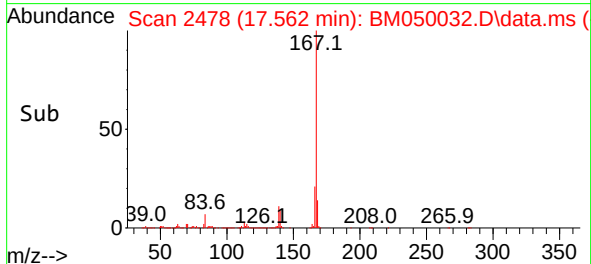
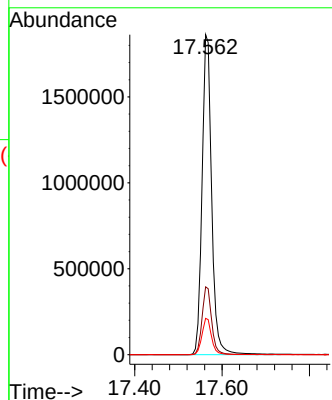
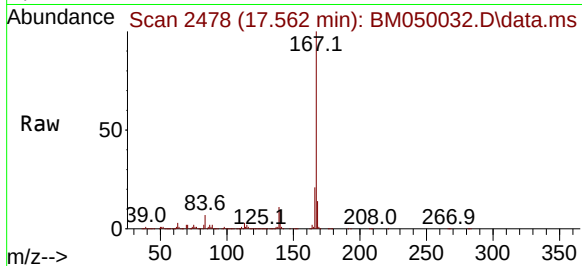




#73
 Carbazole
 Concen: 46.001 ng
 RT: 17.562 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM050032.D
 Acq: 28 Apr 2025 17:43

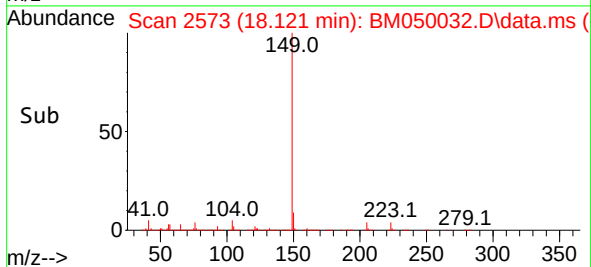
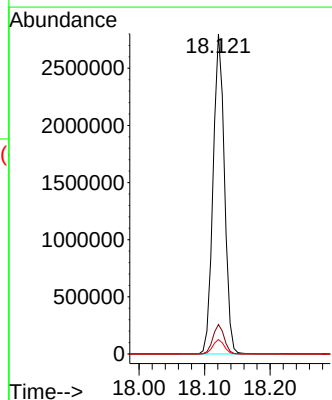
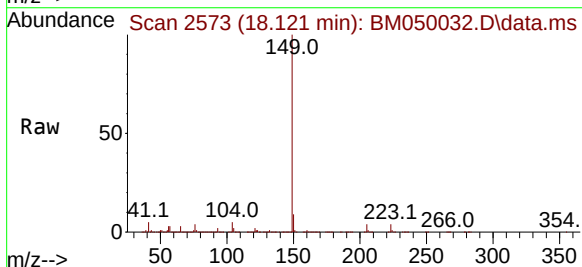
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

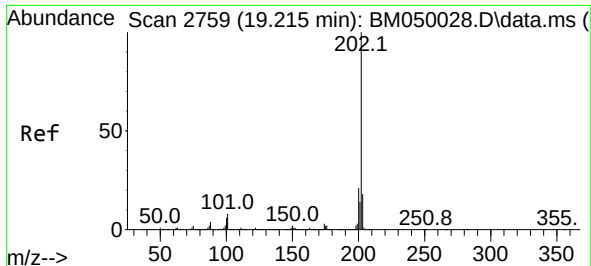
Tgt Ion:167 Resp: 2851516
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 11.3 9.0 13.6



#74
 Di-n-butylphthalate
 Concen: 45.654 ng
 RT: 18.121 min Scan# 2573
 Delta R.T. -0.000 min
 Lab File: BM050032.D
 Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 3370238
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.5 3.8 5.6

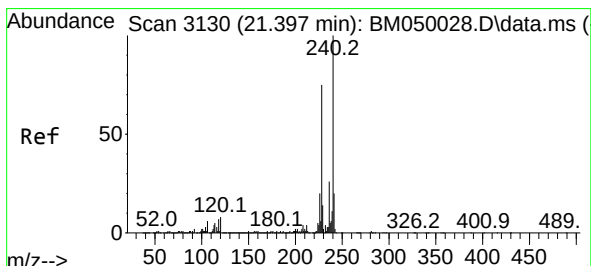
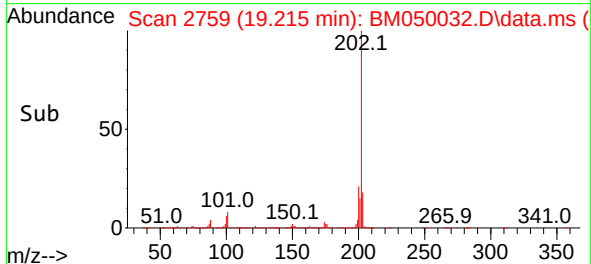
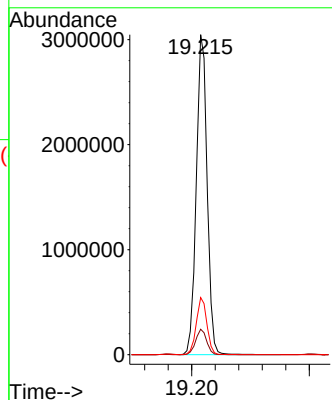
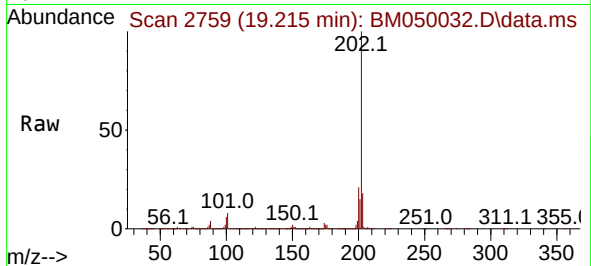




#75
Fluoranthene
Concen: 46.998 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

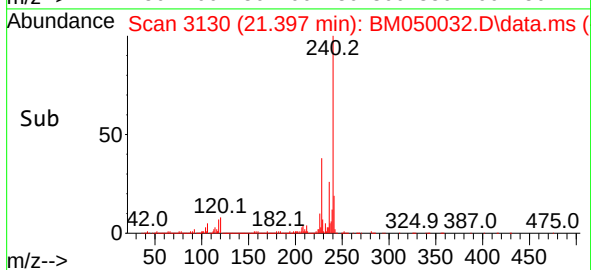
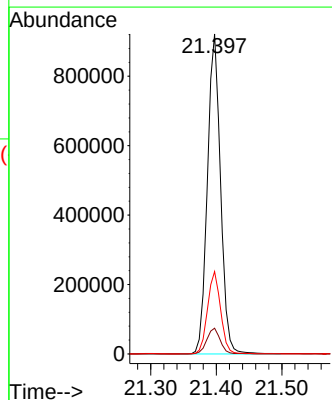
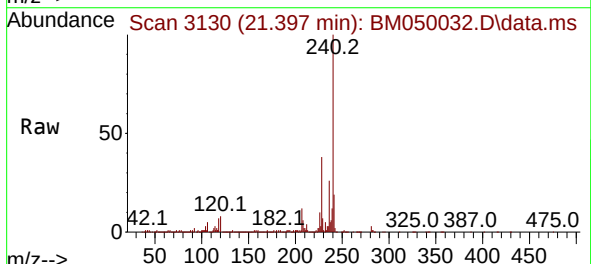
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

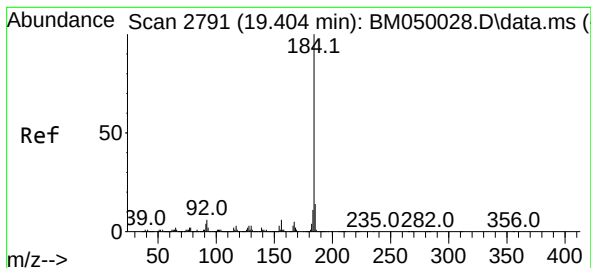
Tgt Ion:202 Resp: 3895046
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:240 Resp: 1285998
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.8 20.9 31.3





#77

Benzidine

Concen: 44.204 ng

RT: 19.403 min Scan# 21

Delta R.T. -0.001 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

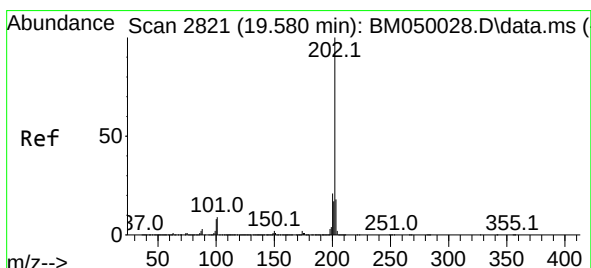
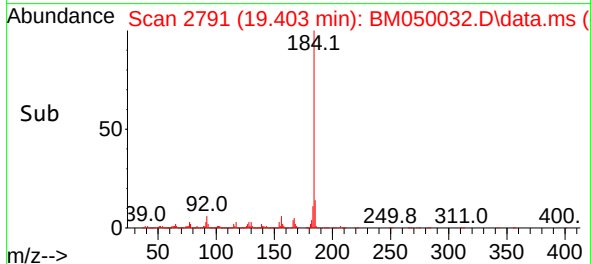
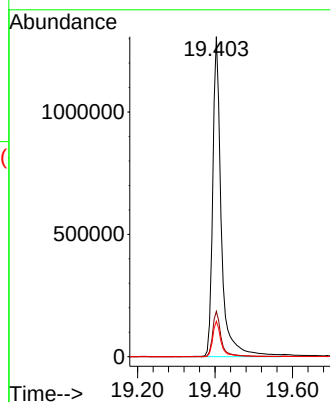
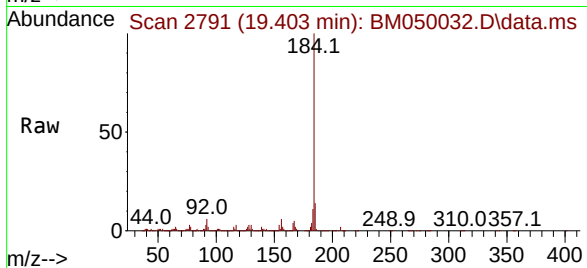
Tgt Ion:184 Resp: 2019202

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.0 8.9 13.3



#78

Pyrene

Concen: 44.209 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

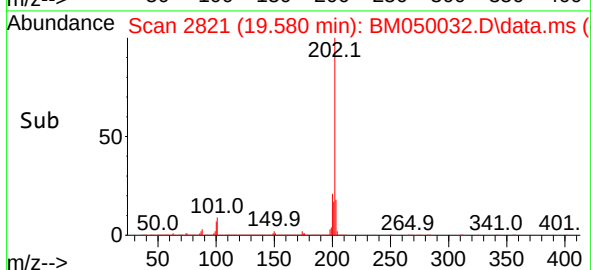
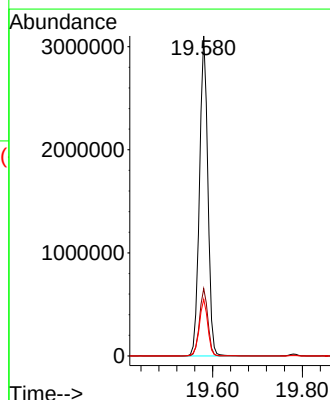
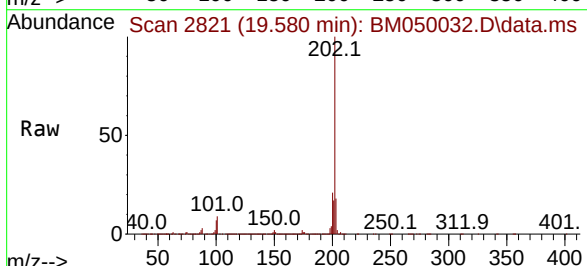
Tgt Ion:202 Resp: 3992384

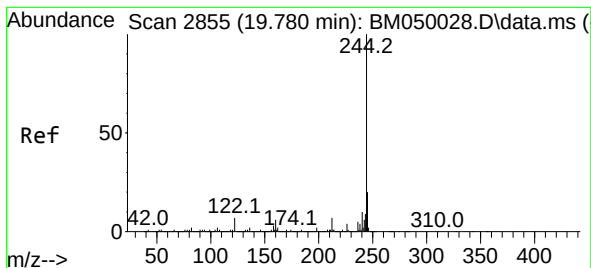
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 78.970 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

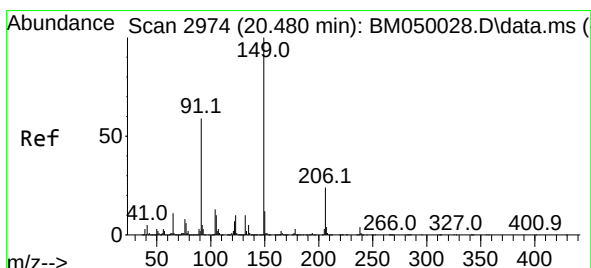
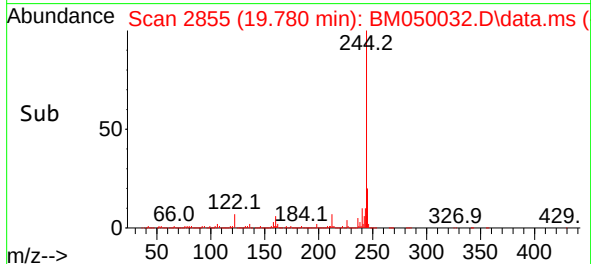
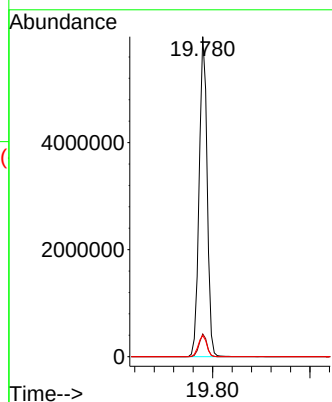
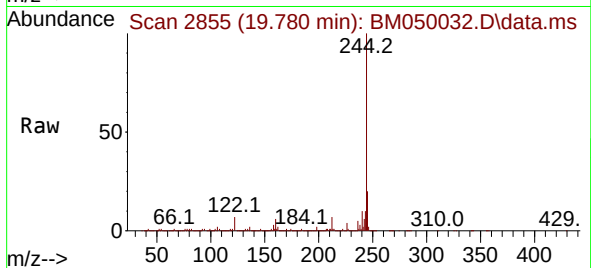
Tgt Ion:244 Resp: 6863055

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 6.6 5.6 8.4



#80

Butylbenzylphthalate

Concen: 44.718 ng

RT: 20.474 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

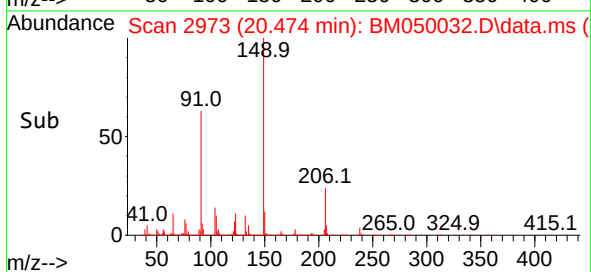
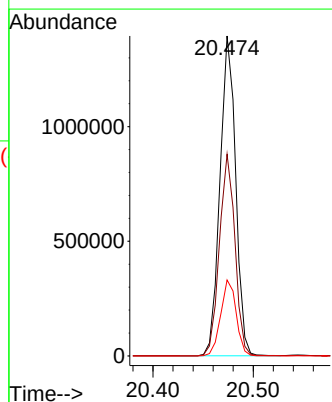
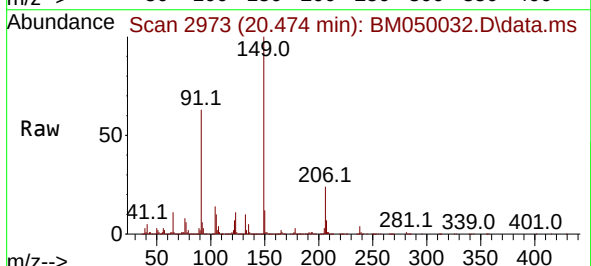
Tgt Ion:149 Resp: 1512498

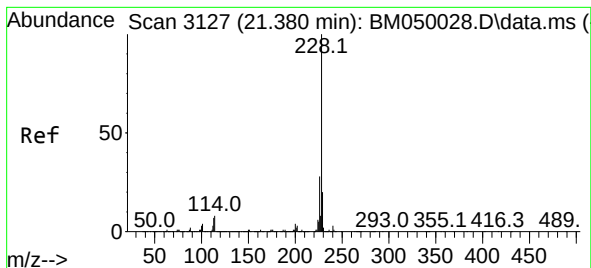
Ion Ratio Lower Upper

149 100

91 63.0 47.4 71.2

206 23.7 19.4 29.0





#81

Benzo(a)anthracene

Concen: 45.497 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

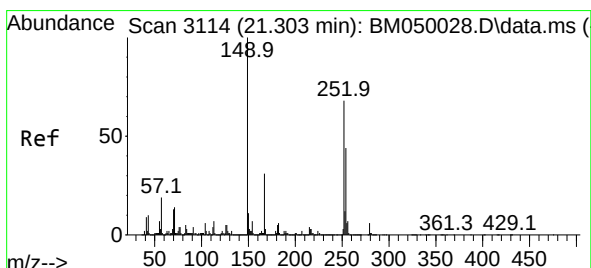
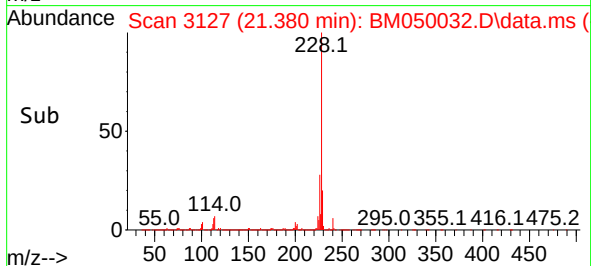
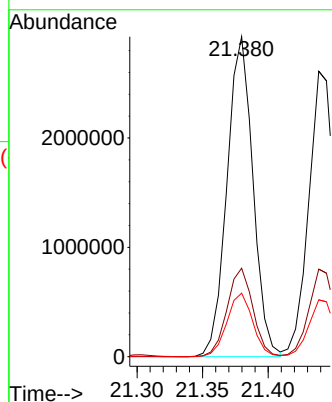
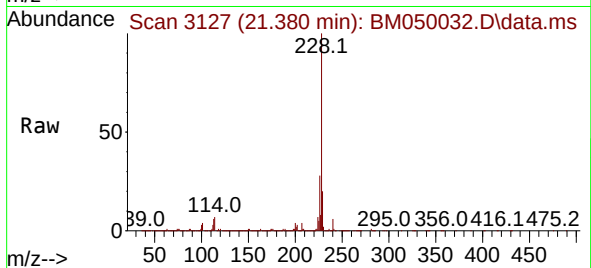
Tgt Ion:228 Resp: 4029064

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.871 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

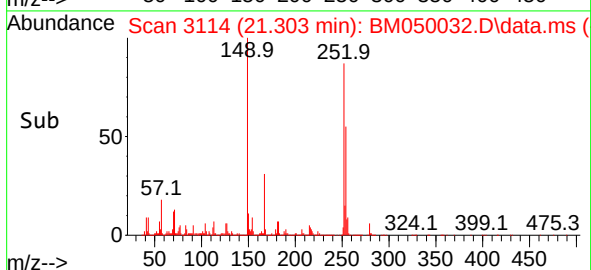
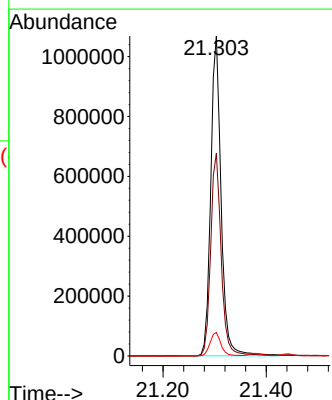
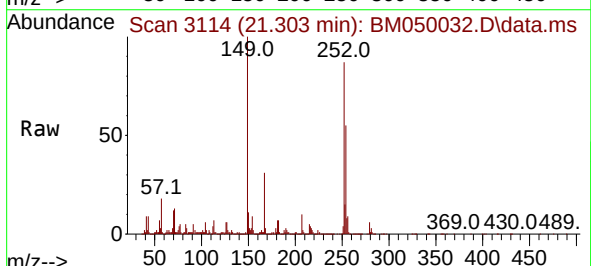
Tgt Ion:252 Resp: 1487254

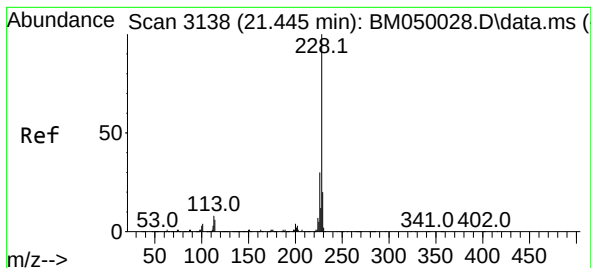
Ion Ratio Lower Upper

252 100

254 63.3 51.8 77.6

126 7.4 6.0 9.0





#83

Chrysene

Concen: 44.967 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

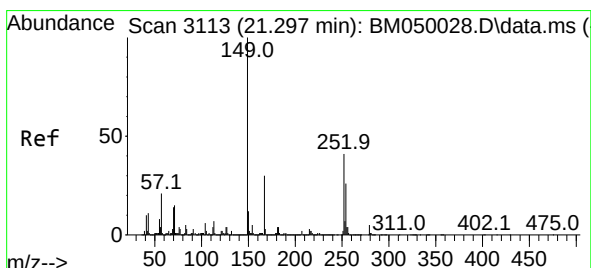
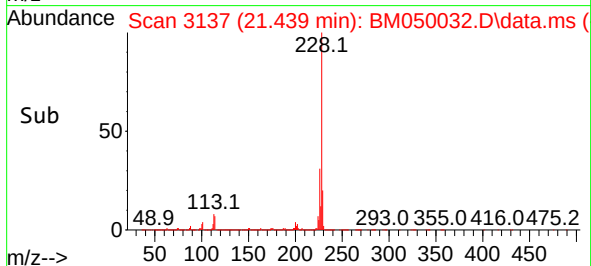
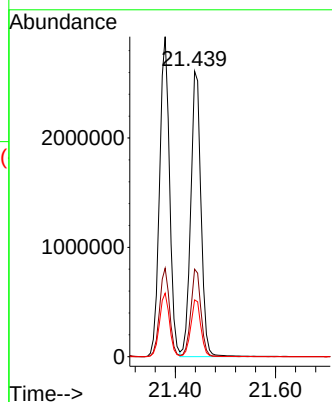
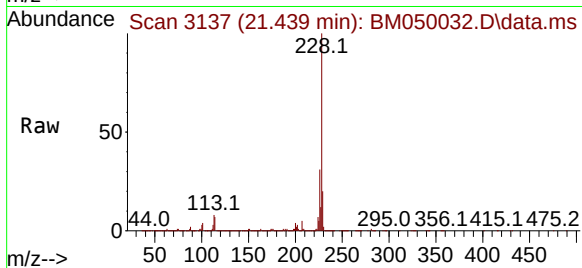
Tgt Ion:228 Resp: 3685603

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.224 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

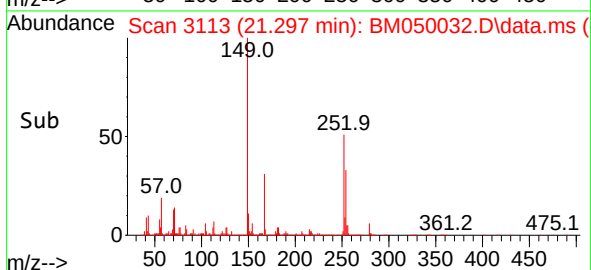
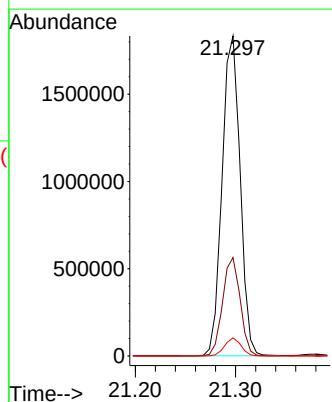
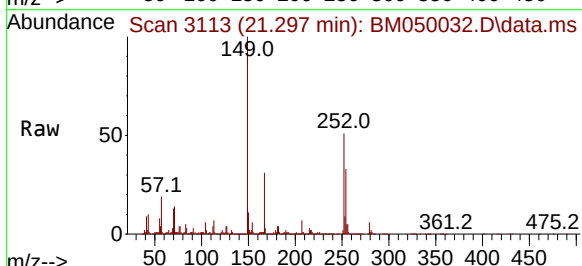
Tgt Ion:149 Resp: 2284769

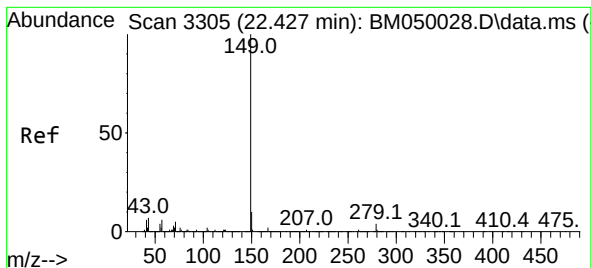
Ion Ratio Lower Upper

149 100

167 30.7 24.1 36.1

279 5.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 44.974 ng

RT: 22.427 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

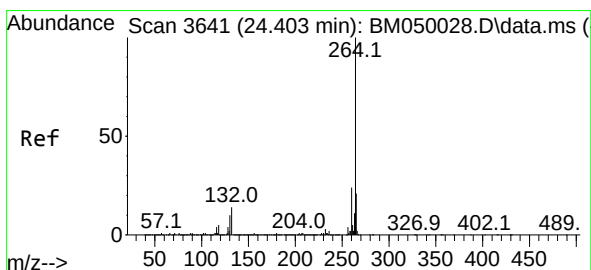
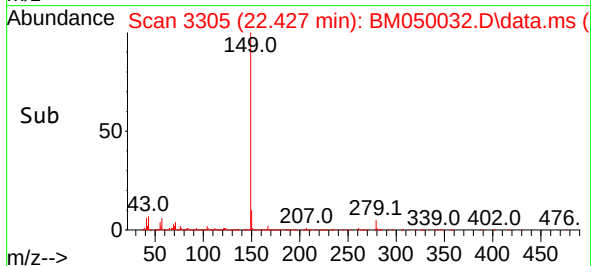
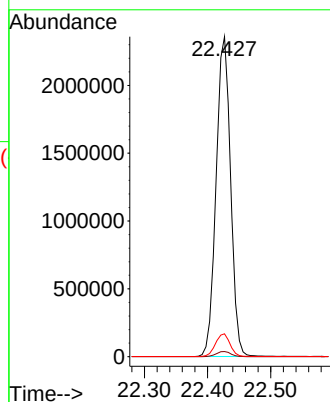
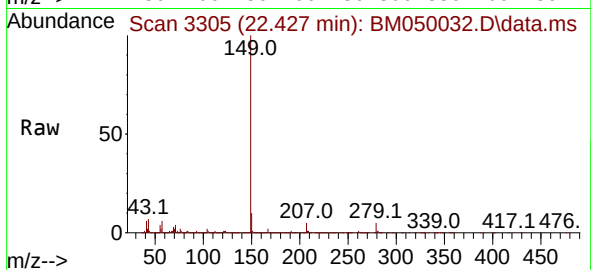
Tgt Ion:149 Resp: 3747091

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.2 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.397 min Scan# 3640

Delta R.T. -0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

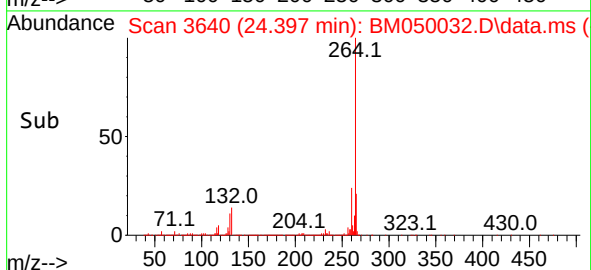
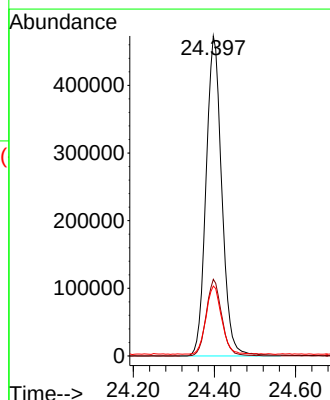
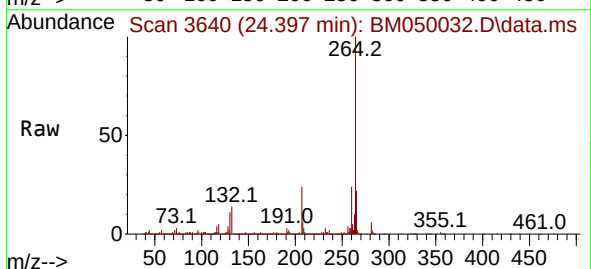
Tgt Ion:264 Resp: 1266367

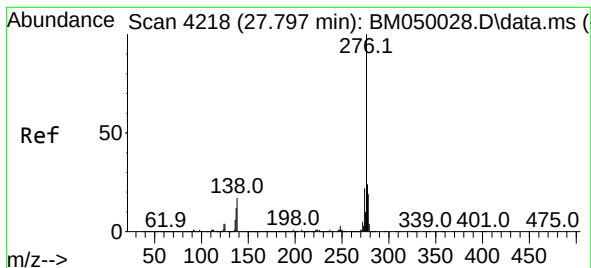
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.249 ng

RT: 27.791 min Scan# 4217

Delta R.T. -0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

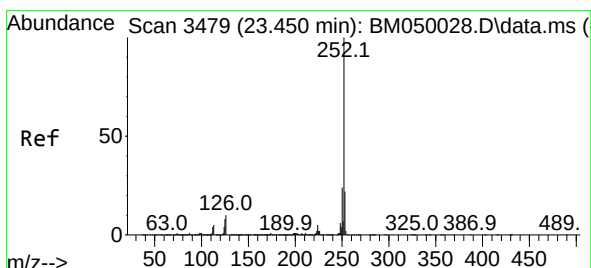
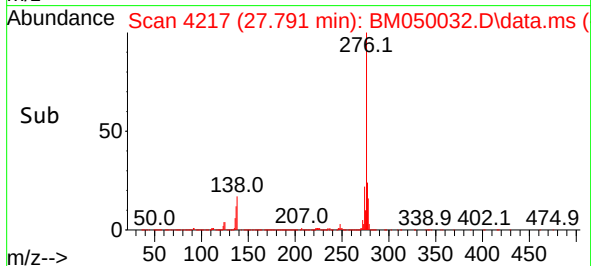
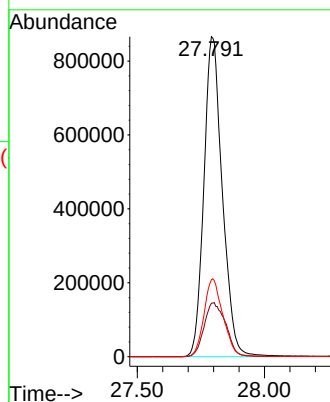
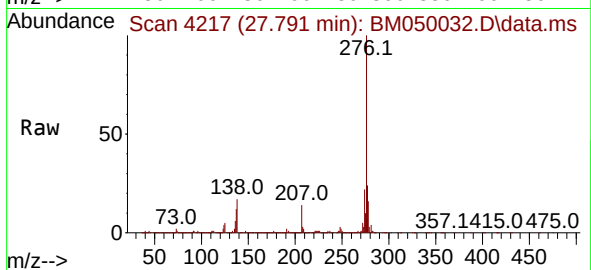
Tgt Ion:276 Resp: 4364032

Ion Ratio Lower Upper

276 100

138 19.8 16.4 24.6

277 25.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 45.066 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

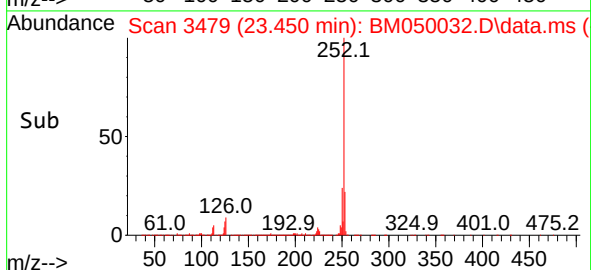
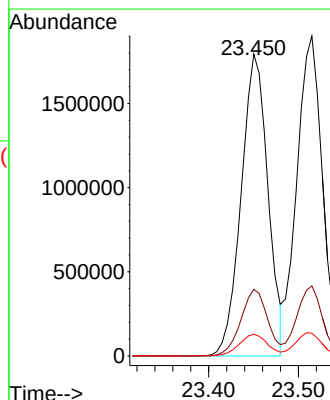
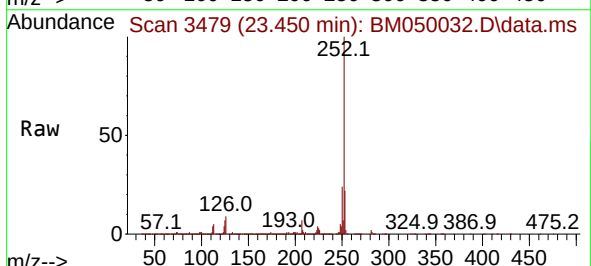
Tgt Ion:252 Resp: 3711451

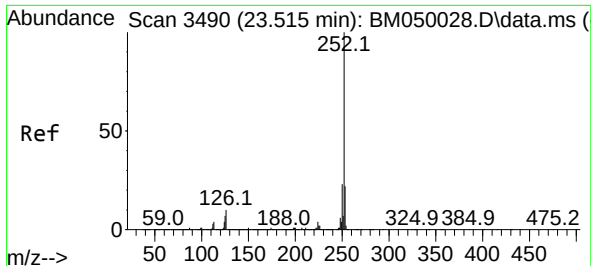
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.2 6.1 9.1

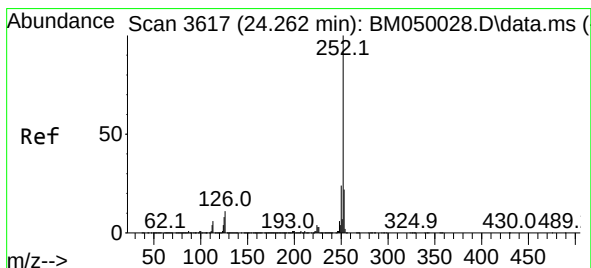
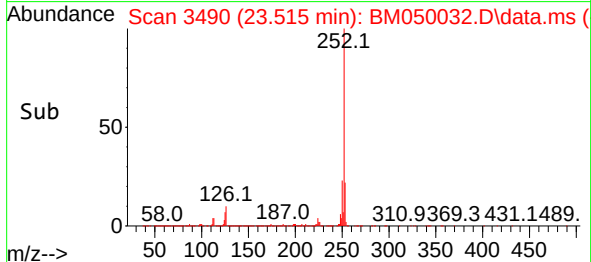
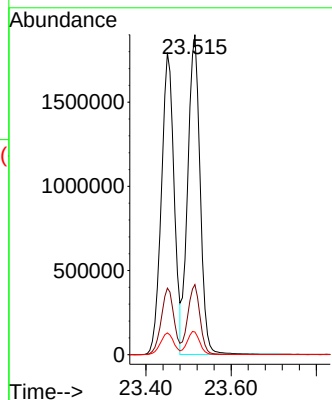
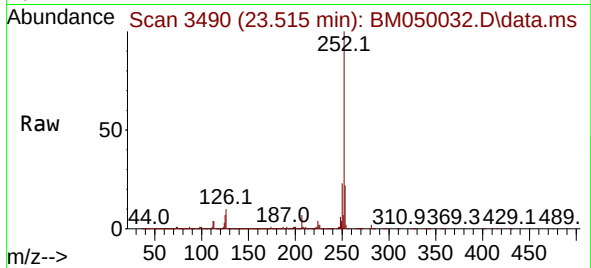




#89
Benzo(k)fluoranthene
Concen: 45.780 ng
RT: 23.515 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

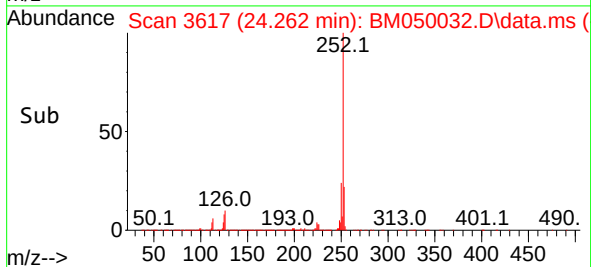
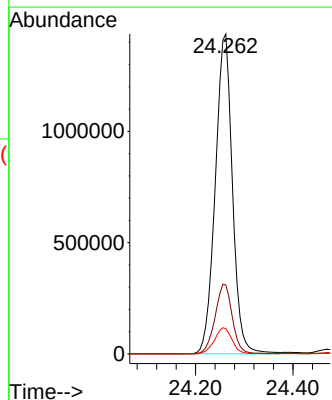
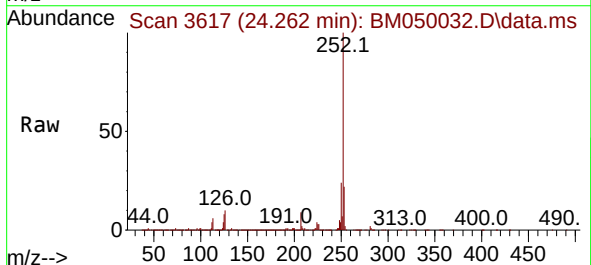
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

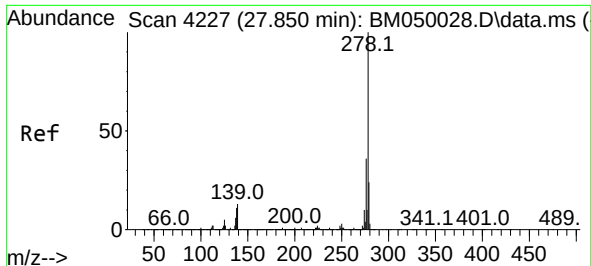
Tgt Ion:252 Resp: 3813739
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.1 5.8 8.8



#90
Benzo(a)pyrene
Concen: 45.577 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 3515582
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 7.9 6.6 9.8

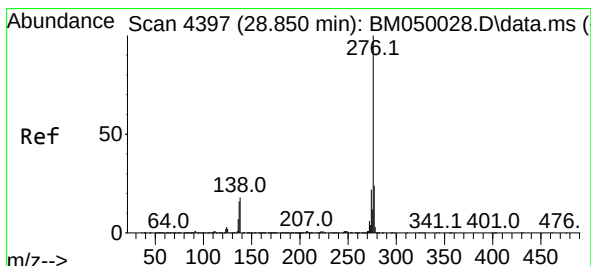
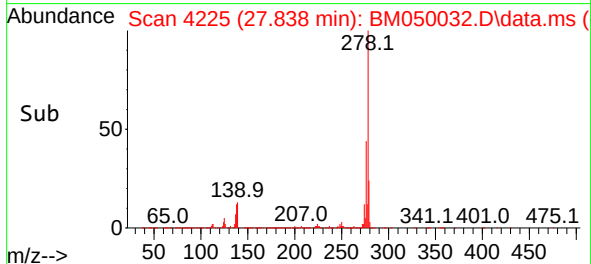
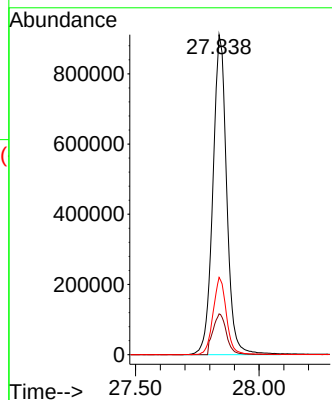
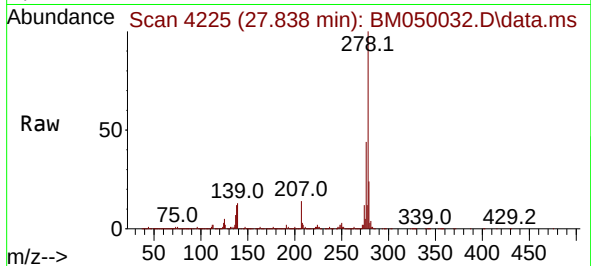




#91
Dibenzo(a,h)anthracene
Concen: 46.091 ng
RT: 27.838 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Tgt Ion:278 Resp: 3545295
Ion Ratio Lower Upper
278 100
139 12.7 10.5 15.7
279 24.1 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 45.437 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:276 Resp: 3345997
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 17.9 14.3 21.5

