

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050131.D
 Acq On : 07 May 2025 11:14
 Operator : RC/JU
 Sample : PB167879BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167879BS

Quant Time: May 07 12:26:41 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	7.745	152	261504	20.000	ng	-0.02
21) Naphthalene-d8	10.533	136	899945	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	545059	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	982729	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	848155	20.000	ng	-0.01
86) Perylene-d12	24.379	264	892873	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1892749	126.742	ng	-0.02
7) Phenol-d6	6.934	99	2268414	120.853	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1364497	74.713	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1003416	124.502	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3490450	75.756	ng	-0.02
79) Terphenyl-d14	19.768	244	4788720	83.547	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	209705	32.750	ng	98
3) Pyridine	3.634	79	585463	35.586	ng	98
4) n-Nitrosodimethylamine	3.546	42	255010	39.521	ng	100
6) Aniline	7.075	93	851466	35.924	ng	98
8) 2-Chlorophenol	7.316	128	664822	41.174	ng	98
9) Benzaldehyde	6.886	77	280859	22.360	ng	99
10) Phenol	6.963	94	778675	40.979	ng	99
11) bis(2-Chloroethyl)ether	7.169	93	619114	39.020	ng	99
12) 1,3-Dichlorobenzene	7.634	146	773418	39.653	ng	100
13) 1,4-Dichlorobenzene	7.781	146	785292	40.076	ng	100
14) 1,2-Dichlorobenzene	8.092	146	748963	39.569	ng	99
15) Benzyl Alcohol	7.992	79	518191	39.809	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.269	45	766342	39.733	ng	100
17) 2-Methylphenol	8.204	107	503177	40.197	ng	99
18) Hexachloroethane	8.816	117	277530	39.843	ng	98
19) n-Nitroso-di-n-propyla...	8.551	70	450304	37.406	ng	99
20) 3+4-Methylphenols	8.539	107	659797	39.031	ng	99
22) Acetophenone	8.569	105	908102	40.587	ng	# 99
24) Nitrobenzene	8.945	77	649290	41.116	ng	99
25) Isophorone	9.475	82	1201333	38.589	ng	99
26) 2-Nitrophenol	9.657	139	347955	43.131	ng	98
27) 2,4-Dimethylphenol	9.727	122	549101	41.043	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	769423	39.987	ng	100
29) 2,4-Dichlorophenol	10.210	162	621459	41.463	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	743251	40.702	ng	99
31) Naphthalene	10.586	128	1830672	40.168	ng	100
32) Benzoic acid	9.904	122	377374m	44.103	ng	
33) 4-Chloroaniline	10.710	127	608068	32.550	ng	99
34) Hexachlorobutadiene	10.869	225	477561	41.199	ng	100
35) Caprolactam	11.510	113	160738	36.781	ng	92
36) 4-Chloro-3-methylphenol	11.857	107	542023	39.143	ng	99
37) 2-Methylnaphthalene	12.204	142	1181791	38.676	ng	99
38) 1-Methylnaphthalene	12.427	142	1237396	38.266	ng	100
40) 1,2,4,5-Tetrachloroben...	12.580	216	814597	43.172	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1055598	91.545	ng	100
43) 2,4,6-Trichlorophenol	12.833	196	516511	43.159	ng	98

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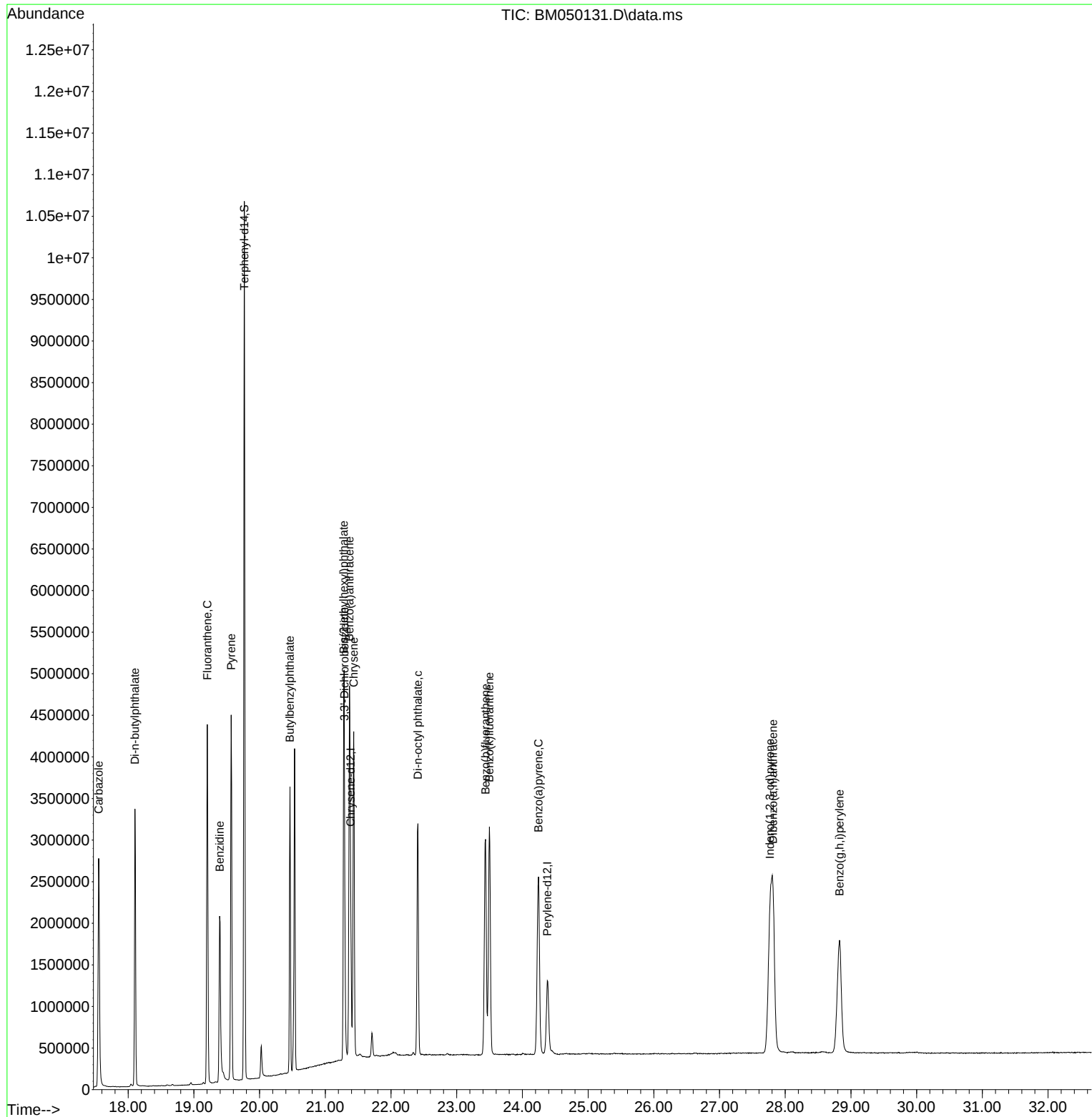
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	553935	42.923	ng	100
46) 1,1'-Biphenyl	13.221	154	1680406	41.474	ng	99
47) 2-Chloronaphthalene	13.263	162	1332315	41.519	ng	100
48) 2-Nitroaniline	13.480	65	324890	43.138	ng	99
49) Acenaphthylene	14.115	152	2066740	40.848	ng	100
50) Dimethylphthalate	13.851	163	1579379	39.649	ng	100
51) 2,6-Dinitrotoluene	13.974	165	340840	41.327	ng	98
52) Acenaphthene	14.457	154	1187802	40.558	ng	99
53) 3-Nitroaniline	14.315	138	275720	35.017	ng	99
54) 2,4-Dinitrophenol	14.533	184	416990	79.076	ng	98
55) Dibenzofuran	14.792	168	1960335	40.232	ng	99
56) 4-Nitrophenol	14.662	139	464411	72.924	ng	99
57) 2,4-Dinitrotoluene	14.774	165	471194	41.347	ng	98
58) Fluorene	15.445	166	1588960	39.840	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	448324	40.133	ng	99
60) Diethylphthalate	15.215	149	1462298	38.959	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	879735	40.159	ng	97
62) 4-Nitroaniline	15.480	138	283435	37.310	ng	98
63) Azobenzene	15.727	77	1268653	40.331	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	264929	43.067	ng	95
66) n-Nitrosodiphenylamine	15.651	169	1322557	43.827	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	511104	43.008	ng	98
68) Hexachlorobenzene	16.456	284	588874	42.988	ng	96
69) Atrazine	16.609	200	453789	41.689	ng	100
70) Pentachlorophenol	16.804	266	702157	91.061	ng	99
71) Phenanthrene	17.186	178	2334726	42.122	ng	99
72) Anthracene	17.274	178	2346195	41.828	ng	99
73) Carbazole	17.551	167	2034446	41.798	ng	99
74) Di-n-butylphthalate	18.103	149	2363677	40.778	ng	100
75) Fluoranthene	19.203	202	2607808	40.074	ng	100
77) Benzidine	19.392	184	1548497	51.399	ng	99
78) Pyrene	19.568	202	2682067	45.031	ng	100
80) Butylbenzylphthalate	20.462	149	987283	44.258	ng	96
81) Benzo(a)anthracene	21.368	228	2494523	42.710	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	755984	33.812	ng	99
83) Chrysene	21.433	228	2301038	42.567	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1418057	42.559	ng	99
85) Di-n-octyl phthalate	22.409	149	2384587	43.396	ng	100
87) Indeno(1,2,3-cd)pyrene	27.767	276	3208095	48.220	ng	100
88) Benzo(b)fluoranthene	23.438	252	2384996	41.074	ng	99
89) Benzo(k)fluoranthene	23.497	252	2371605	40.378	ng	99
90) Benzo(a)pyrene	24.244	252	2308474	42.447	ng	99
91) Dibenzo(a,h)anthracene	27.815	278	2605876	48.050	ng	99
92) Benzo(g,h,i)perylene	28.826	276	2532040	48.767	ng	100

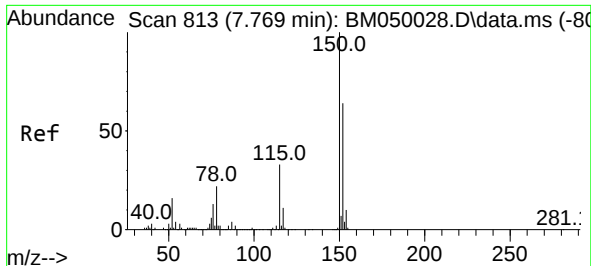
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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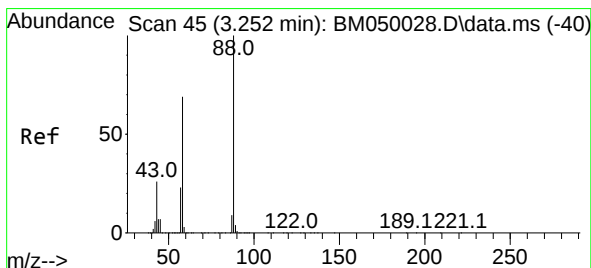
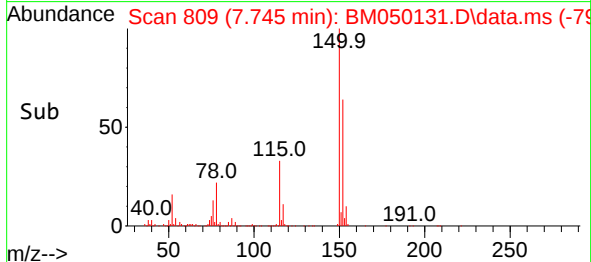
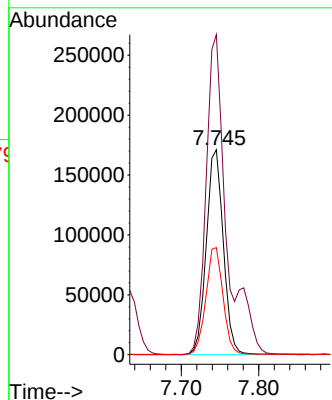
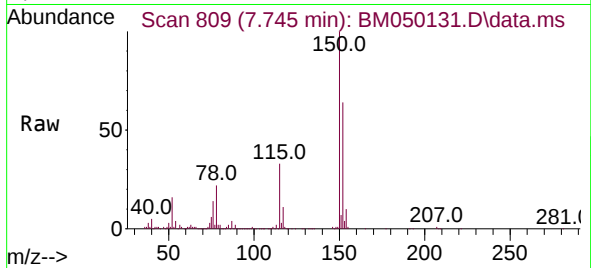




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.745 min Scan# 80
 Delta R.T. -0.024 min
 Lab File: BM050131.D
 Acq: 07 May 2025 11:14

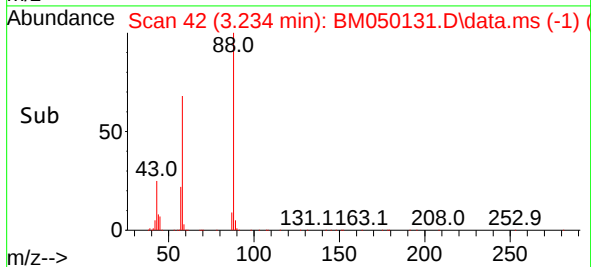
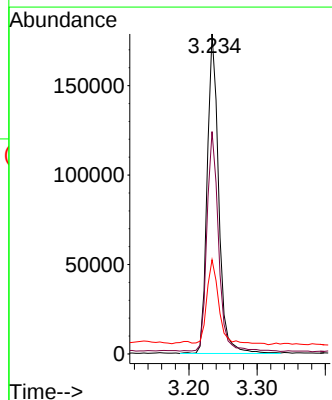
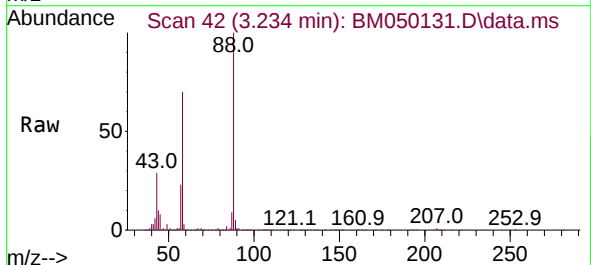
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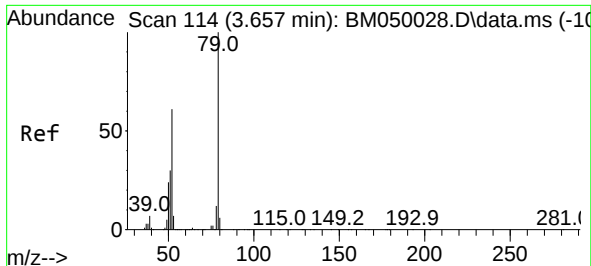
Tgt Ion:152 Resp: 261504
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.1 186.1
 115 52.3 41.2 61.8



#2
 1,4-Dioxane
 Concen: 32.750 ng
 RT: 3.234 min Scan# 42
 Delta R.T. -0.018 min
 Lab File: BM050131.D
 Acq: 07 May 2025 11:14

Tgt Ion: 88 Resp: 209705
 Ion Ratio Lower Upper
 88 100
 58 69.6 55.1 82.7
 43 28.3 20.9 31.3

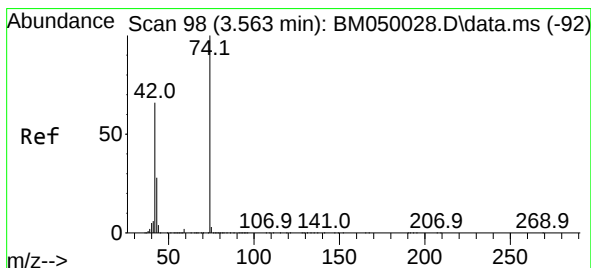
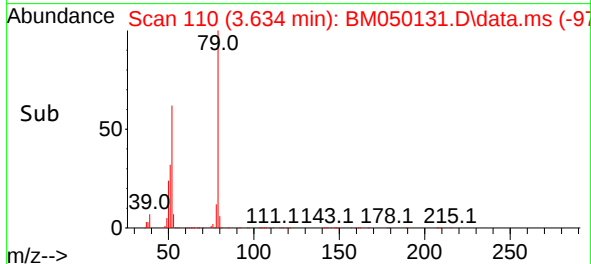
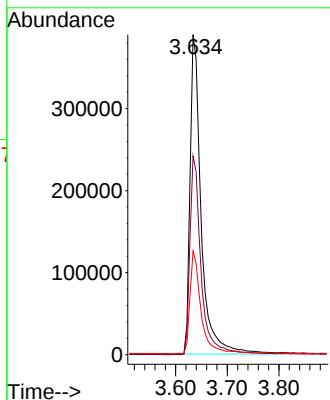
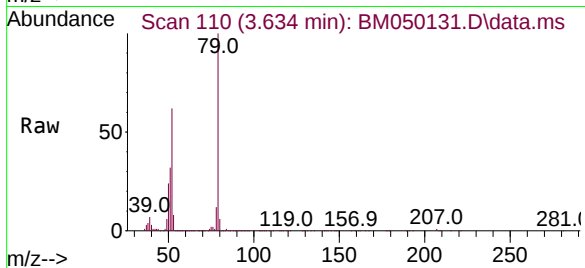




#3
Pyridine
Concen: 35.586 ng
RT: 3.634 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

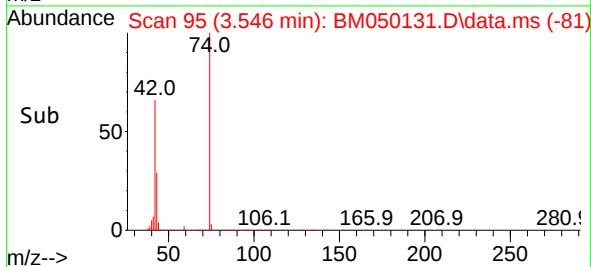
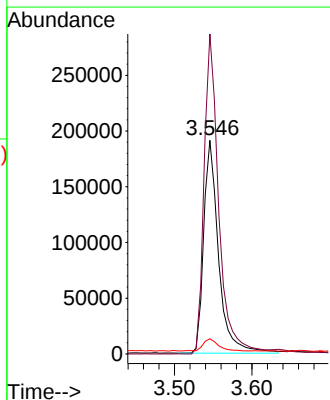
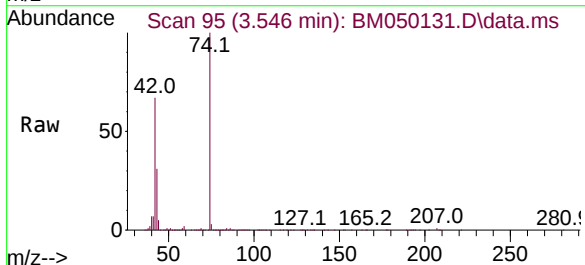
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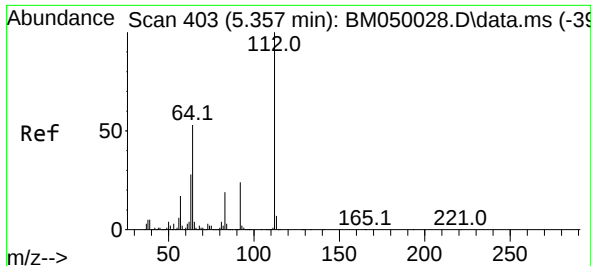
Tgt Ion: 79 Resp: 585463
Ion Ratio Lower Upper
79 100
52 62.1 48.6 72.8
51 32.3 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 39.521 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 42 Resp: 255010
Ion Ratio Lower Upper
42 100
74 149.8 120.2 180.2
44 7.1 6.2 9.2

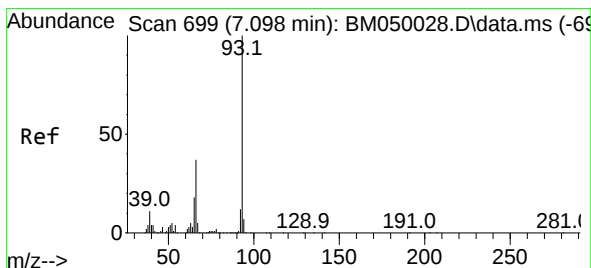
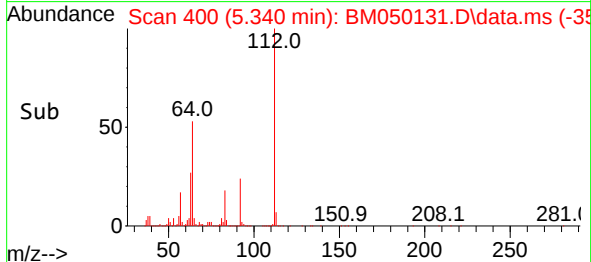
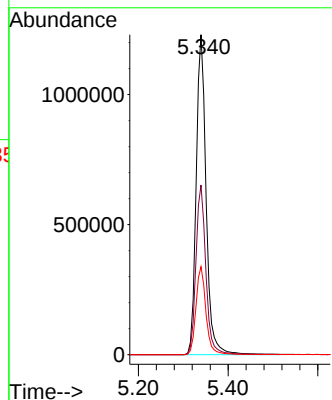
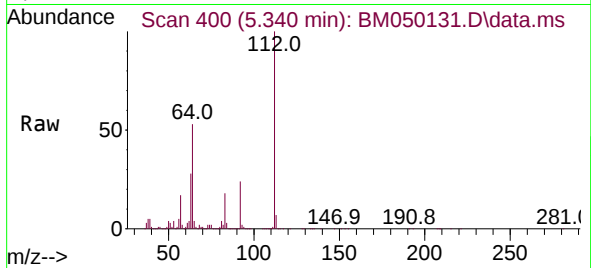




#5
2-Fluorophenol
Concen: 126.742 ng
RT: 5.340 min Scan# 403
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

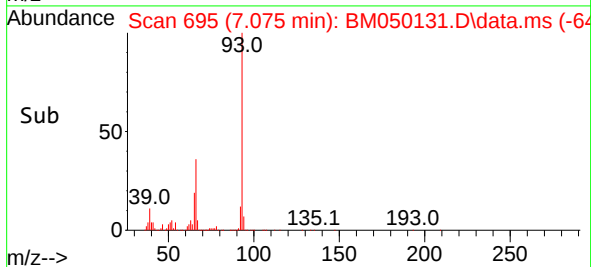
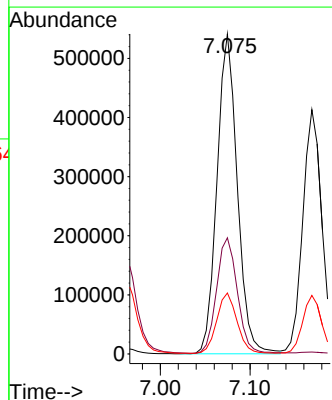
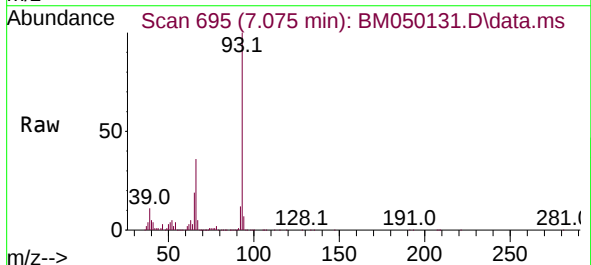
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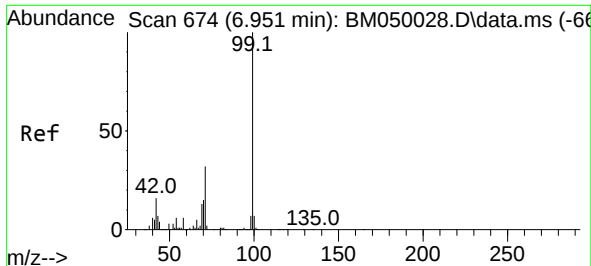
Tgt Ion:112 Resp: 1892749
Ion Ratio Lower Upper
112 100
64 53.0 42.6 64.0
63 27.5 22.2 33.4



#6
Aniline
Concen: 35.924 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 93 Resp: 851466
Ion Ratio Lower Upper
93 100
66 36.3 29.9 44.9
65 19.0 14.5 21.7

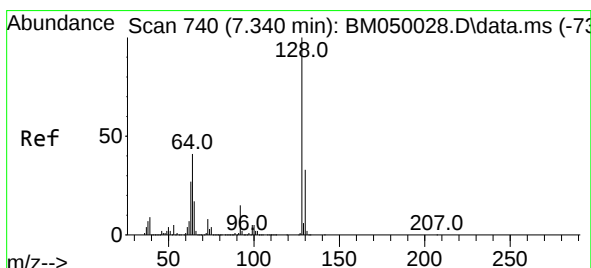
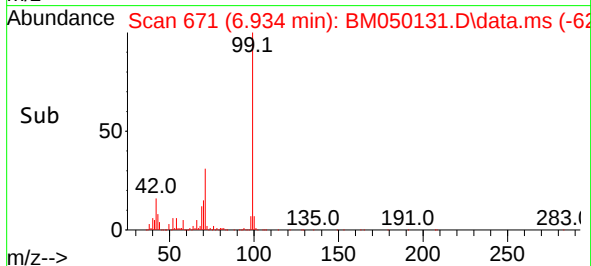
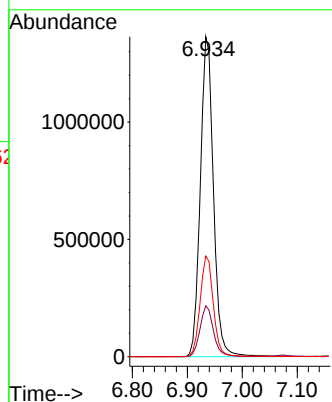
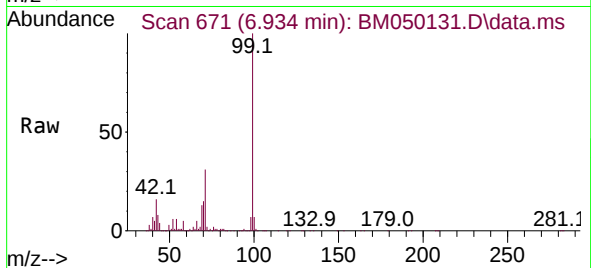




#7
Phenol-d6
Concen: 120.853 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050131.D
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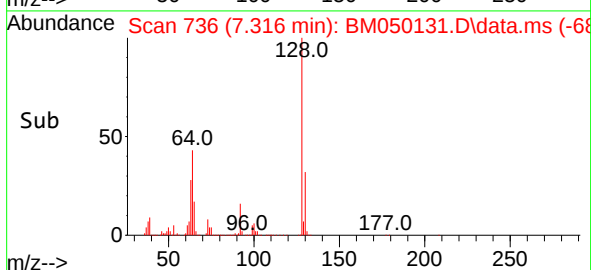
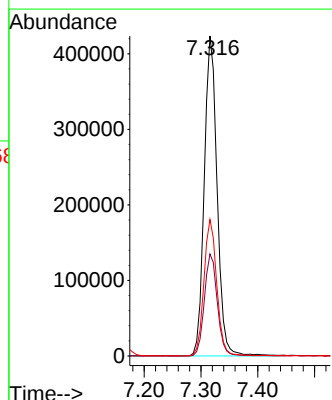
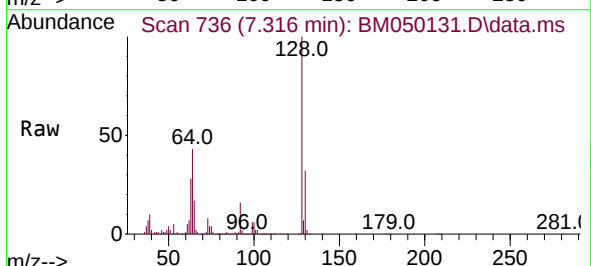
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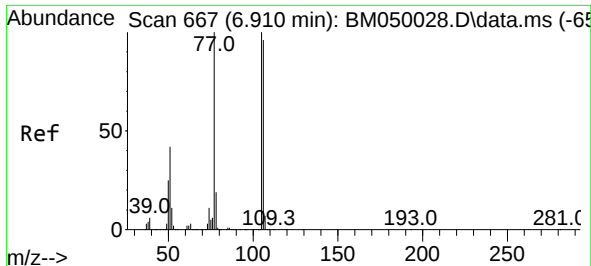
Tgt Ion: 99 Resp: 2268414
Ion Ratio Lower Upper
99 100
42 15.9 13.0 19.4
71 31.5 25.6 38.4



#8
2-Chlorophenol
Concen: 41.174 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 128 Resp: 664822
Ion Ratio Lower Upper
128 100
130 31.8 12.8 52.8
64 42.7 21.2 61.2

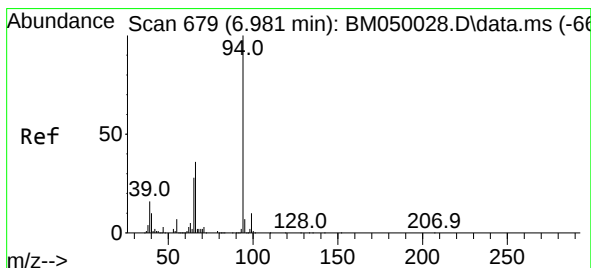
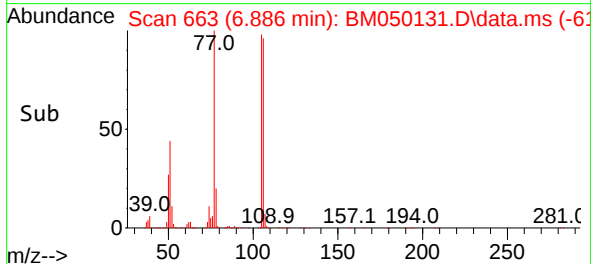
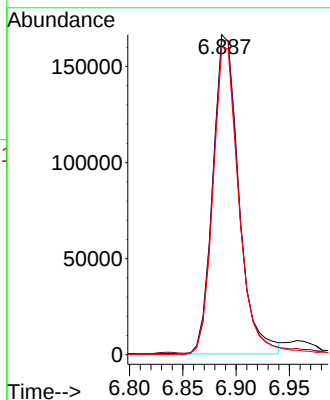
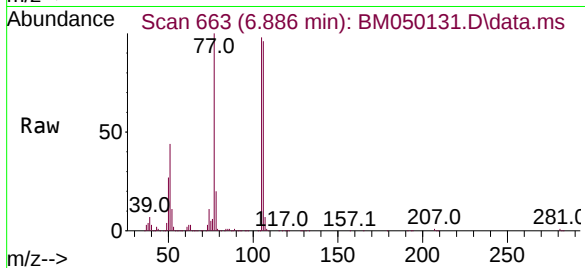




#9
Benzaldehyde
Concen: 22.360 ng
RT: 6.886 min Scan# 663
Delta R.T. -0.024 min
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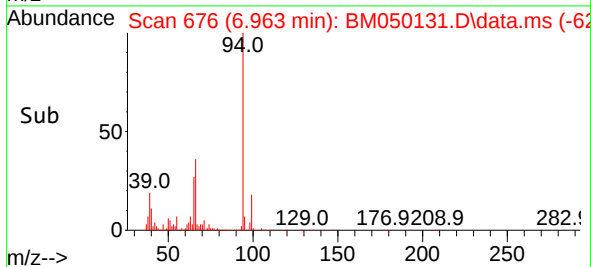
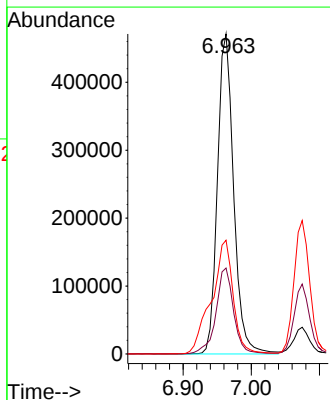
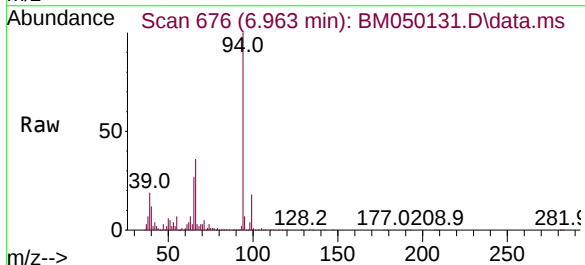
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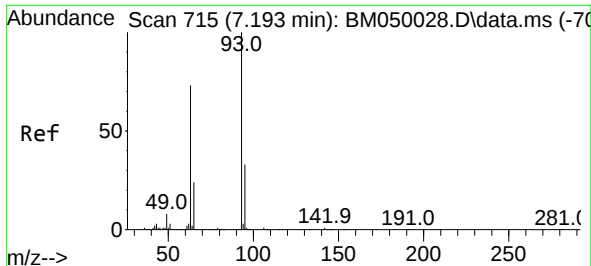
Tgt Ion: 77 Resp: 280859
Ion Ratio Lower Upper
77 100
105 98.0 80.5 120.5
106 96.0 76.1 116.1



#10
Phenol
Concen: 40.979 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 94 Resp: 778675
Ion Ratio Lower Upper
94 100
65 26.8 7.6 47.6
66 35.6 15.8 55.8

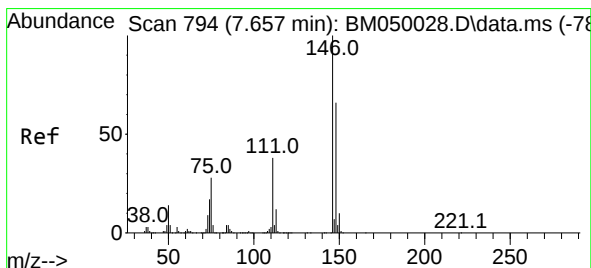
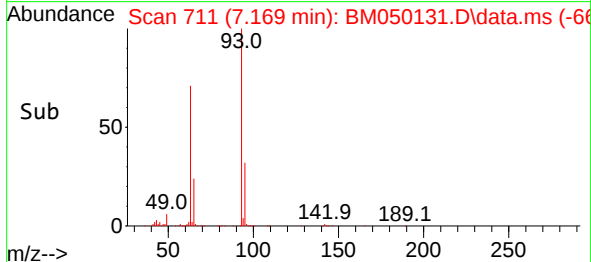
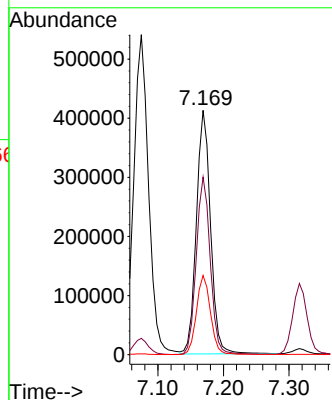
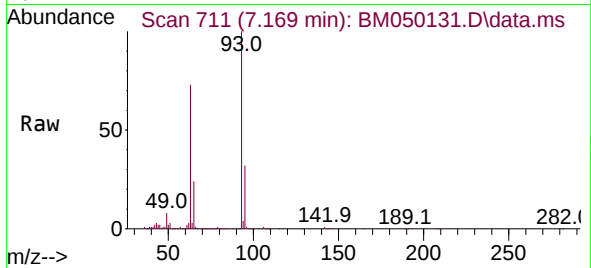




#11
bis(2-Chloroethyl)ether
Concen: 39.020 ng
RT: 7.169 min Scan# 715
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

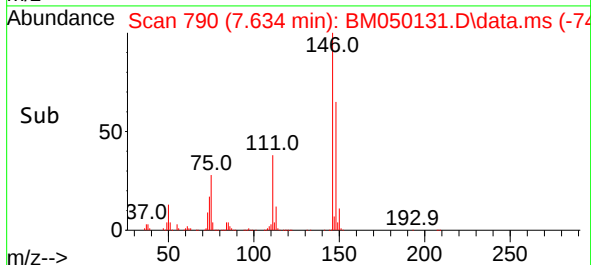
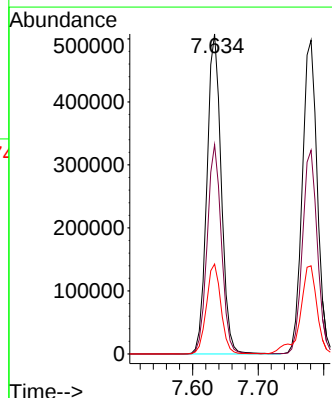
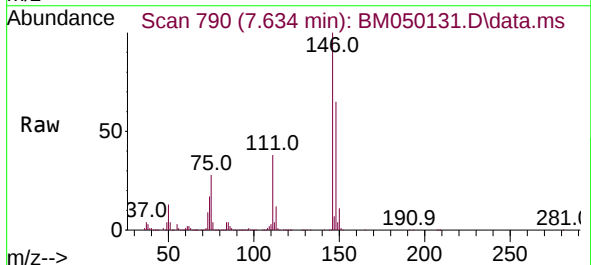
Instrument :
BNA_M
ClientSampleId :
PB167879BS

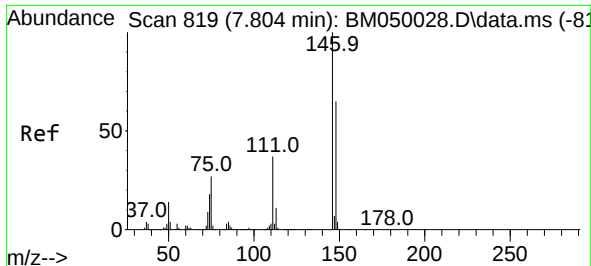
Tgt Ion: 93 Resp: 619114
Ion Ratio Lower Upper
93 100
63 72.7 52.3 92.3
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.653 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:146 Resp: 773418
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 28.1 22.6 34.0

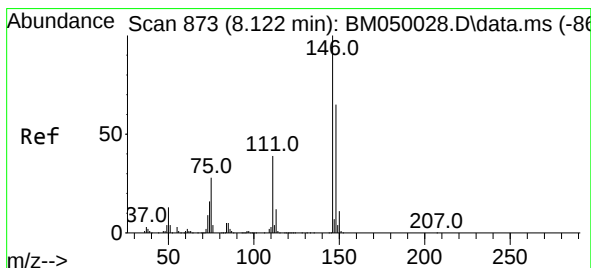
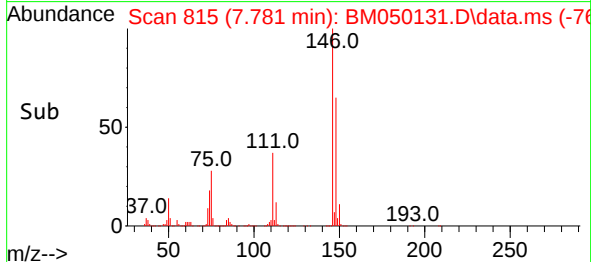
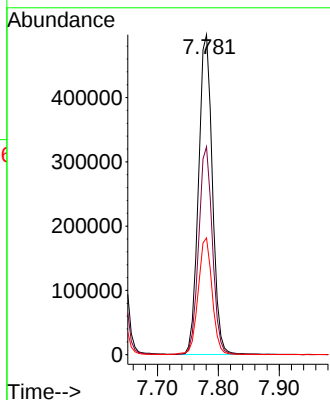
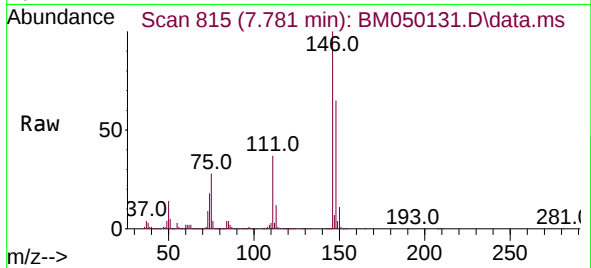




#13
1,4-Dichlorobenzene
Concen: 40.076 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

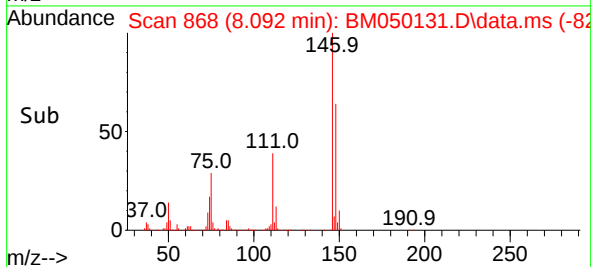
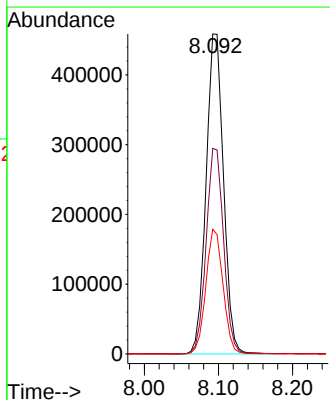
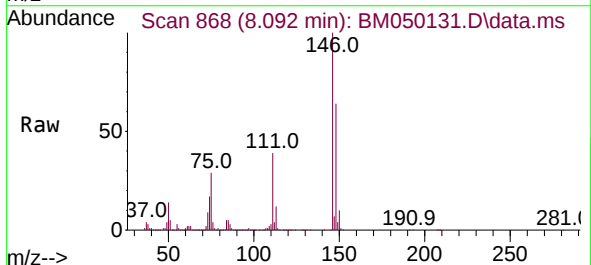
Instrument :
BNA_M
ClientSampleId :
PB167879BS

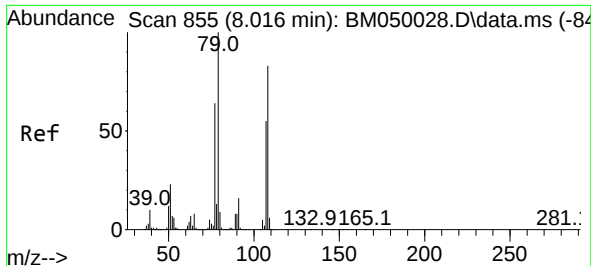
Tgt Ion:146 Resp: 785292
Ion Ratio Lower Upper
146 100
148 64.9 52.2 78.2
111 36.5 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 39.569 ng
RT: 8.092 min Scan# 868
Delta R.T. -0.030 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:146 Resp: 748963
Ion Ratio Lower Upper
146 100
148 64.2 52.4 78.6
111 39.0 31.0 46.6

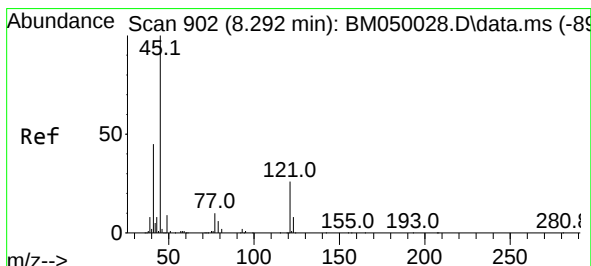
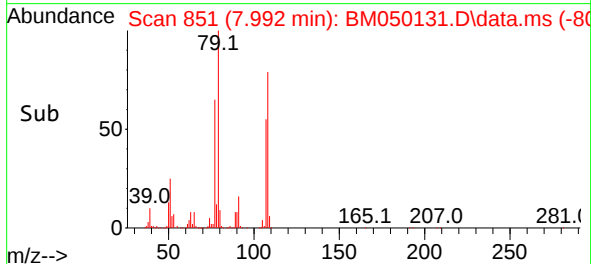
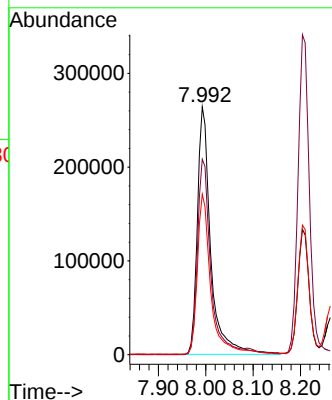
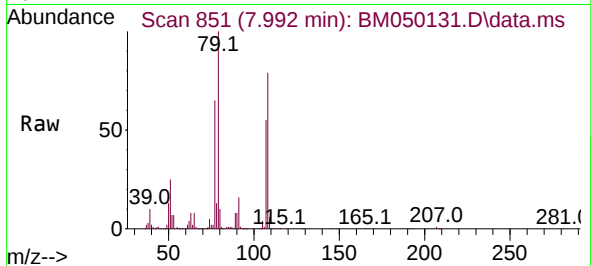




#15
Benzyl Alcohol
Concen: 39.809 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

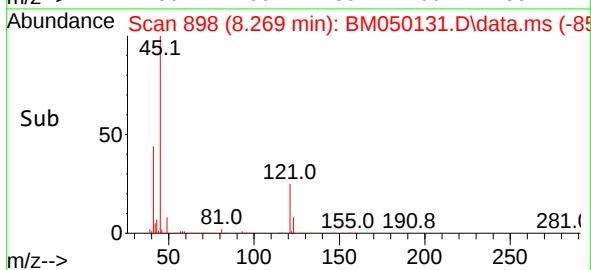
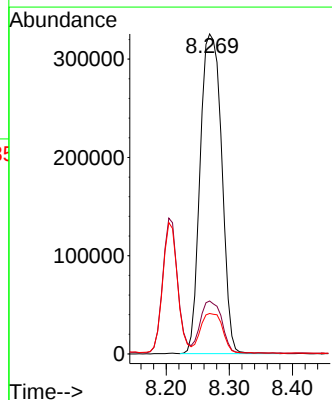
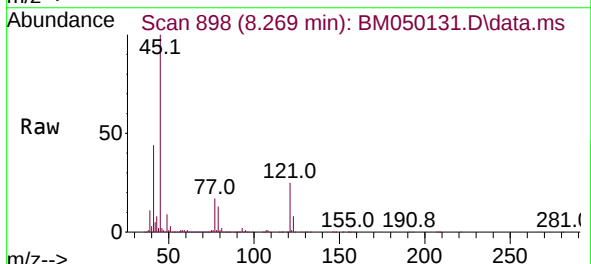
Instrument :
BNA_M
ClientSampleId :
PB167879BS

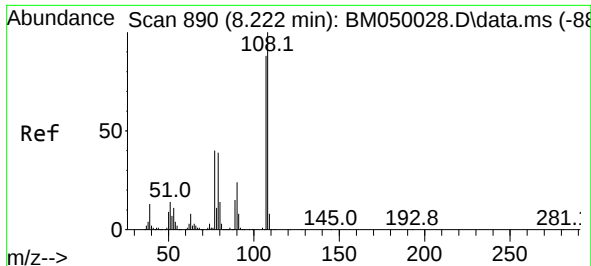
Tgt Ion: 79 Resp: 518191
Ion Ratio Lower Upper
79 100
108 78.9 66.0 99.0
77 64.8 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.733 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 45 Resp: 766342
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.4
79 12.7 0.0 32.7

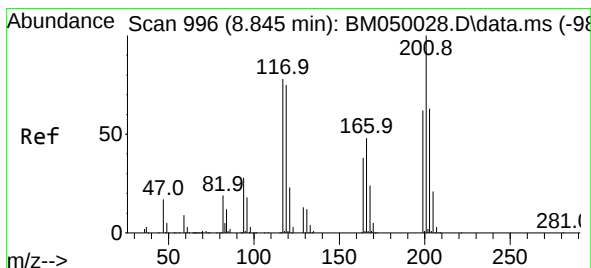
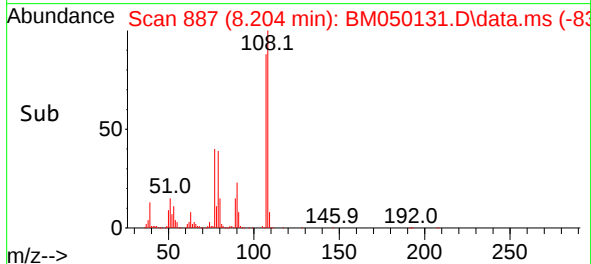
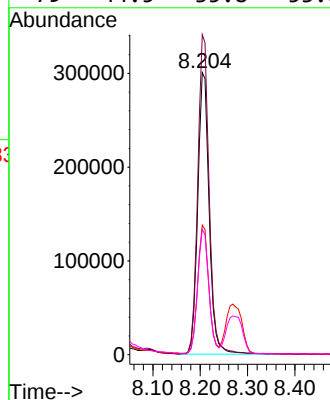
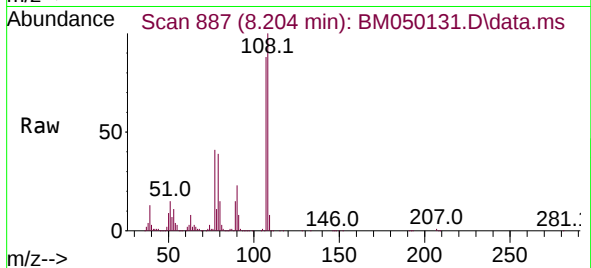




#17
2-Methylphenol
Concen: 40.197 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

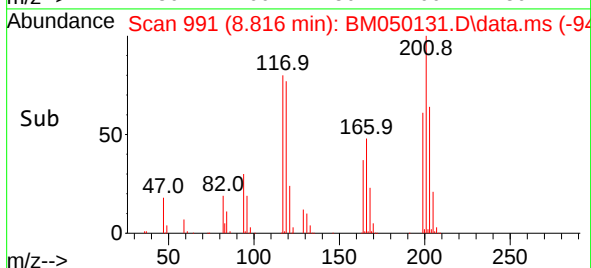
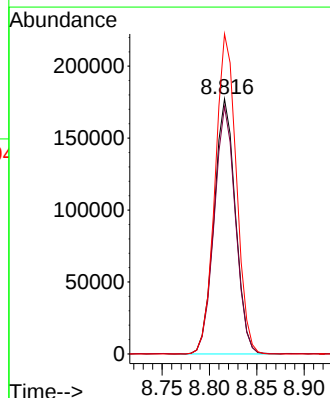
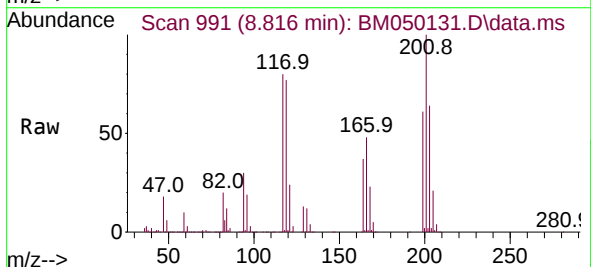
Instrument :
BNA_M
ClientSampleId :
PB167879BS

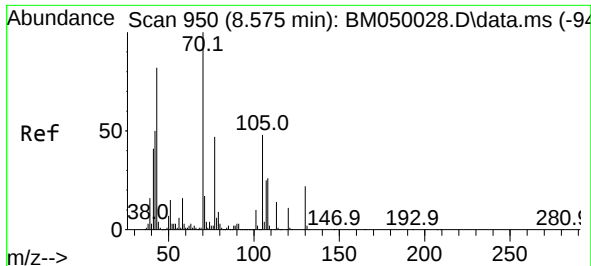
Tgt Ion:	107	Resp:	503177
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	46.0	36.2	54.4
79	44.5	35.8	53.8



#18
Hexachloroethane
Concen: 39.843 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.030 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:	117	Resp:	277530
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.3	115.9
201	125.5	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.406 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.024 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

Tgt Ion: 70 Resp: 450304

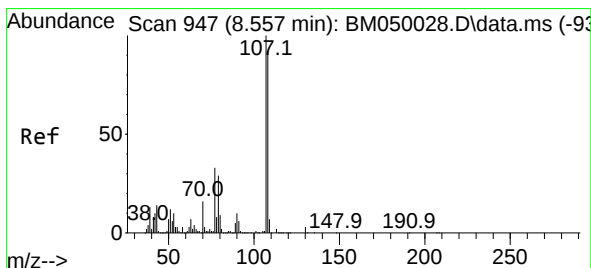
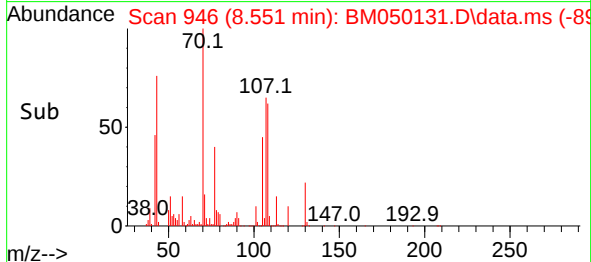
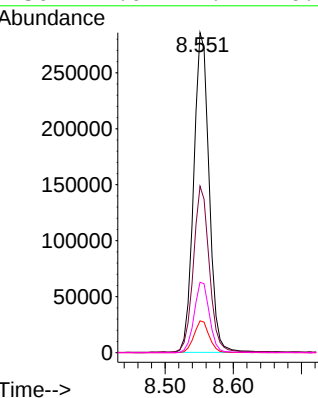
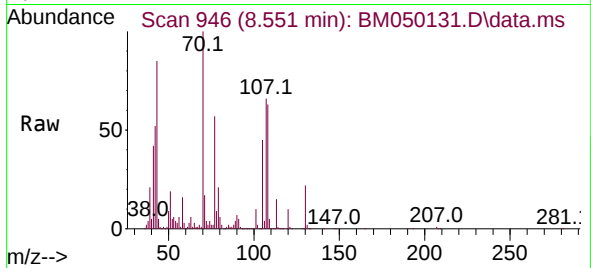
Ion Ratio Lower Upper

70 100

42 52.0 40.5 60.7

101 9.9 7.8 11.6

130 22.0 17.4 26.2



#20

3+4-Methylphenols

Concen: 39.031 ng

RT: 8.539 min Scan# 944

Delta R.T. -0.018 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Tgt Ion: 107 Resp: 659797

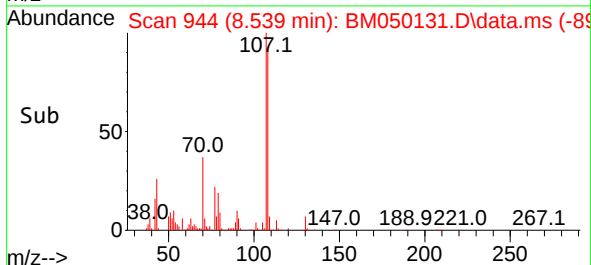
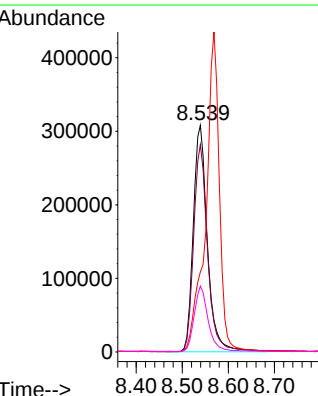
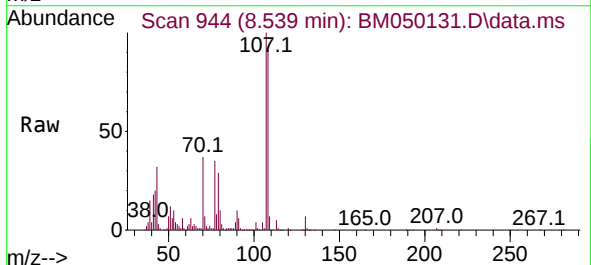
Ion Ratio Lower Upper

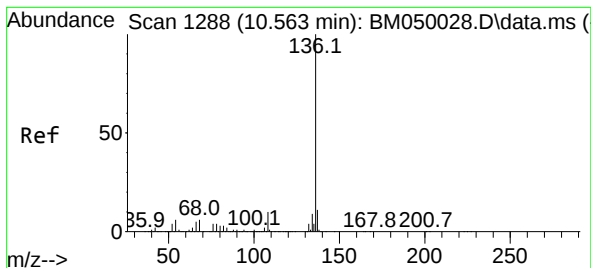
107 100

108 91.3 72.4 112.4

77 35.3 13.6 53.6

79 29.1 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.533 min Scan# 11

Delta R.T. -0.030 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

Tgt Ion:136 Resp: 899945

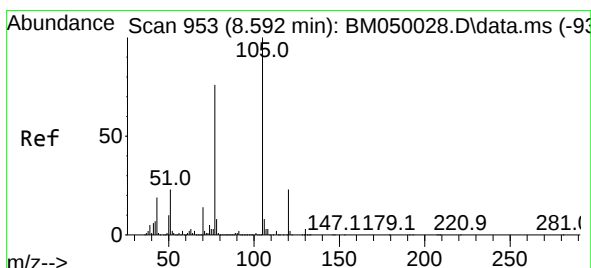
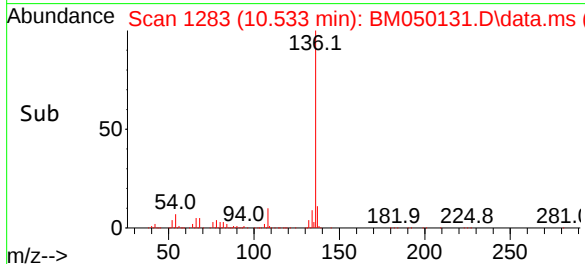
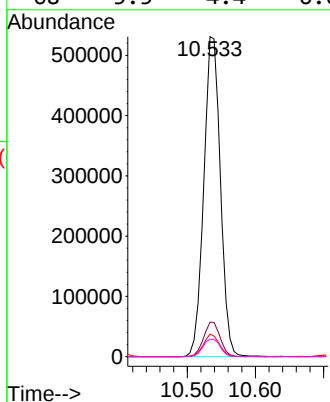
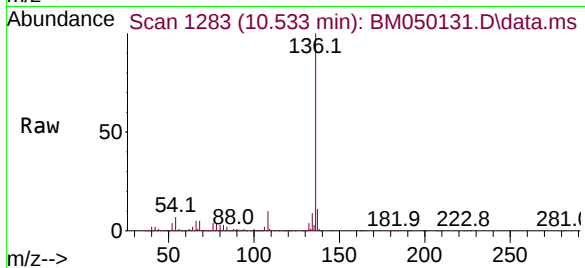
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.0 5.1 7.7

68 5.5 4.4 6.6



#22

Acetophenone

Concen: 40.587 ng

RT: 8.569 min Scan# 949

Delta R.T. -0.024 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Tgt Ion:105 Resp: 908102

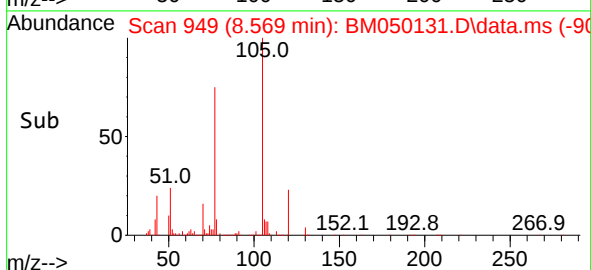
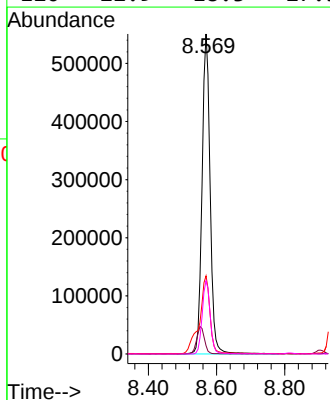
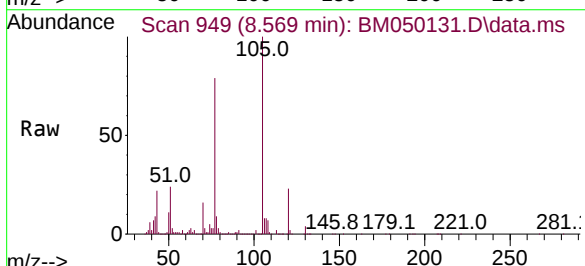
Ion Ratio Lower Upper

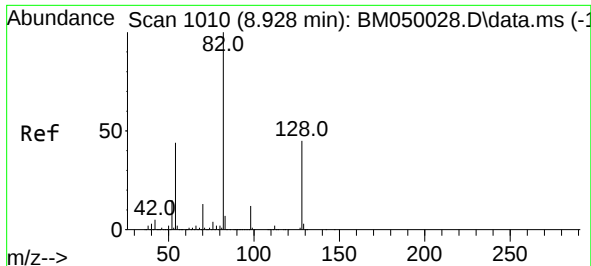
105 100

71 2.6 1.7 2.5#

51 24.4 18.6 27.8

120 22.9 18.3 27.5

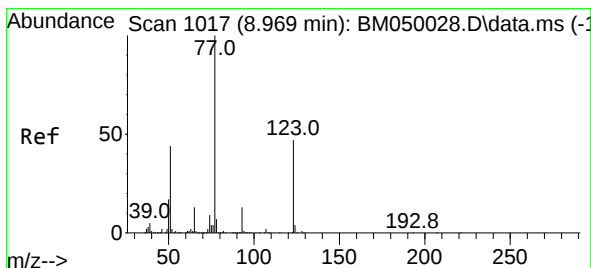
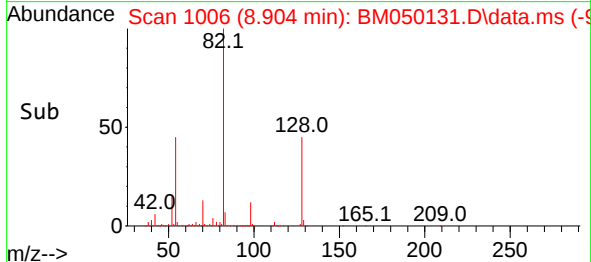
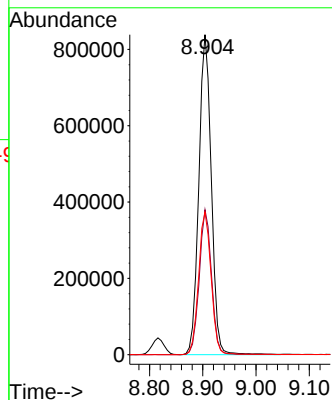
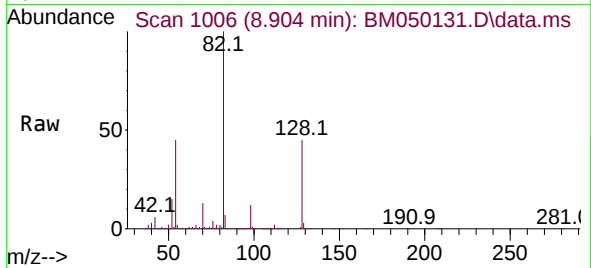




#23
Nitrobenzene-d5
Concen: 74.713 ng
RT: 8.904 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

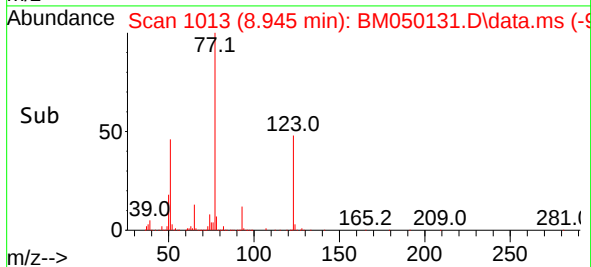
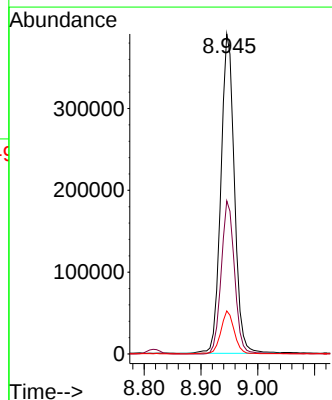
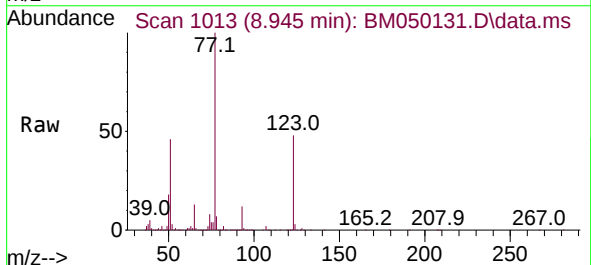
Instrument :
BNA_M
ClientSampleId :
PB167879BS

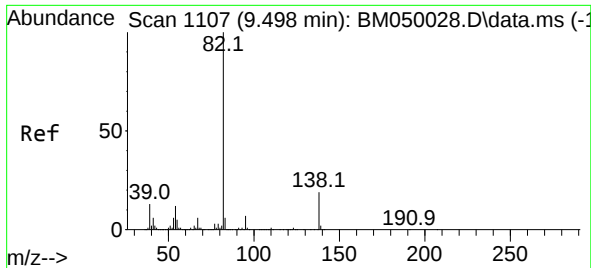
Tgt Ion: 82 Resp: 1364497
Ion Ratio Lower Upper
82 100
128 45.3 35.7 53.5
54 44.5 35.4 53.2



#24
Nitrobenzene
Concen: 41.116 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 77 Resp: 649290
Ion Ratio Lower Upper
77 100
123 47.8 37.9 56.9
65 13.5 10.1 15.1





#25

Isophorone

Concen: 38.589 ng

RT: 9.475 min Scan# 1107

Delta R.T. -0.024 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

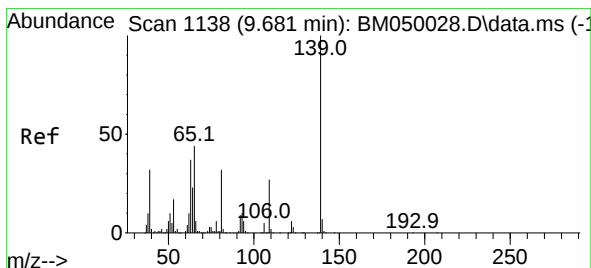
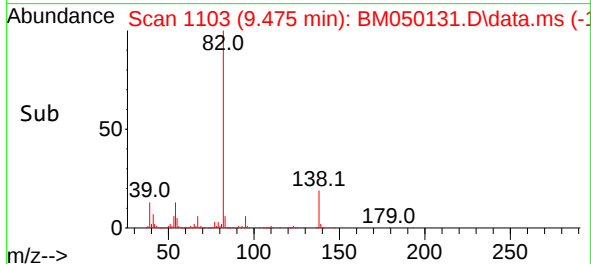
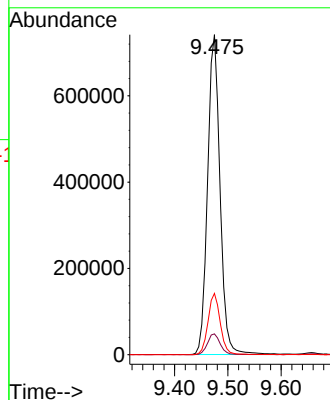
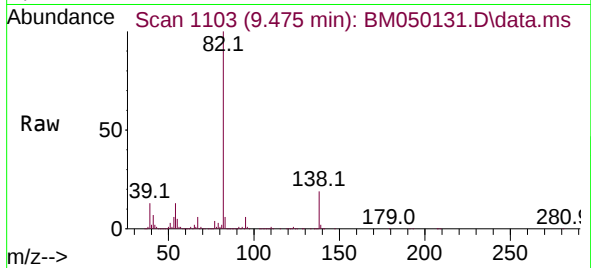
Tgt Ion: 82 Resp: 1201333

Ion Ratio Lower Upper

82 100

95 6.5 5.7 8.5

138 19.1 15.5 23.3



#26

2-Nitrophenol

Concen: 43.131 ng

RT: 9.657 min Scan# 1134

Delta R.T. -0.024 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

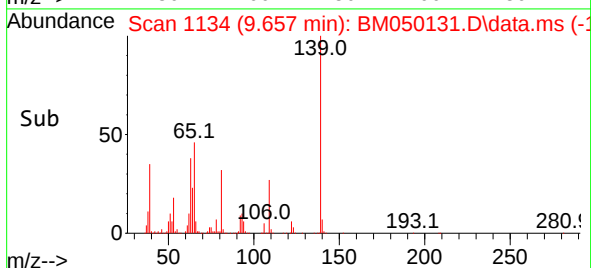
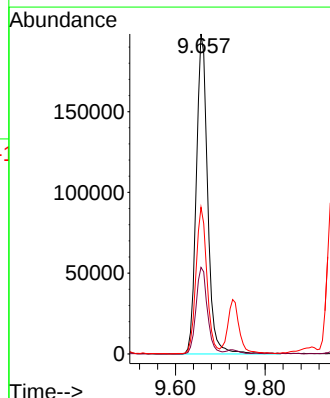
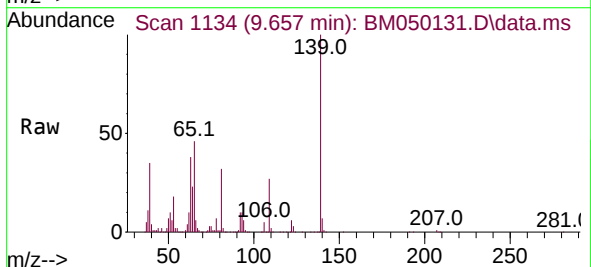
Tgt Ion:139 Resp: 347955

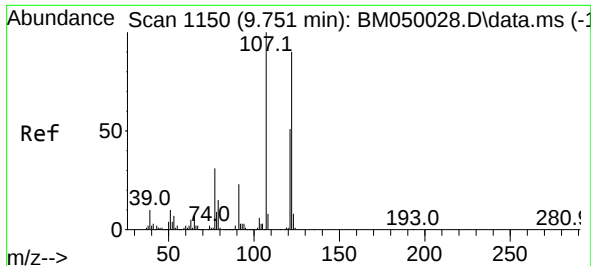
Ion Ratio Lower Upper

139 100

109 27.0 21.9 32.9

65 45.8 35.4 53.2

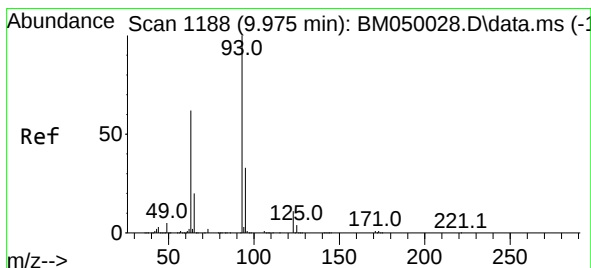
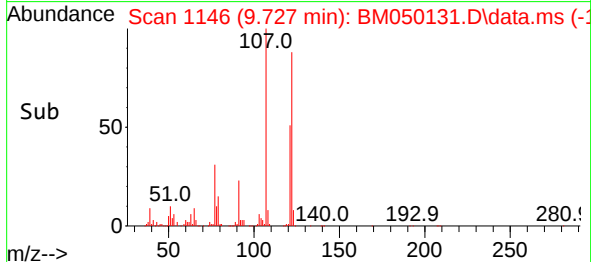
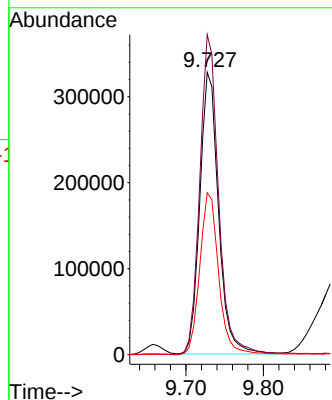
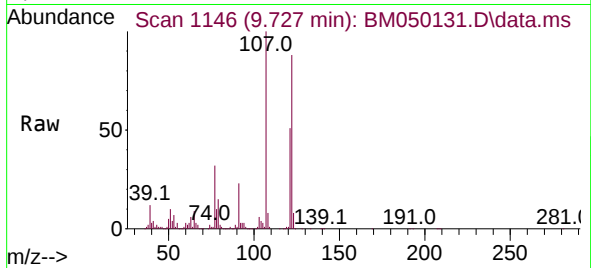




#27
2,4-Dimethylphenol
Concen: 41.043 ng
RT: 9.727 min Scan# 1146
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

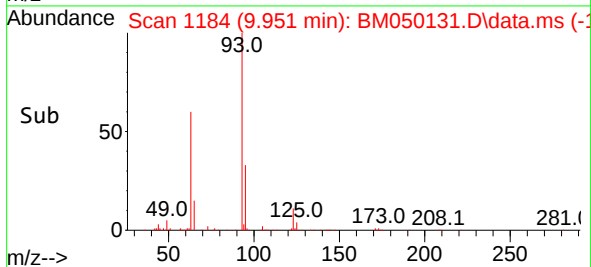
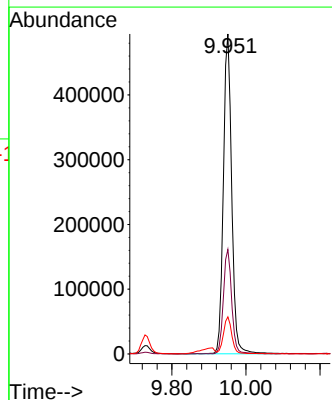
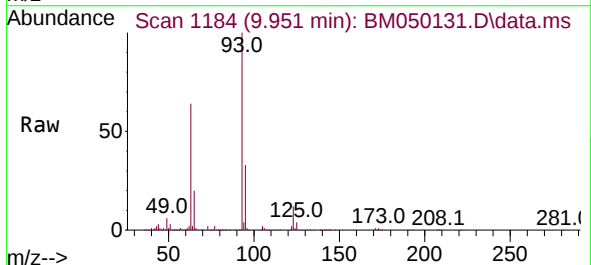
Instrument :
BNA_M
ClientSampleId :
PB167879BS

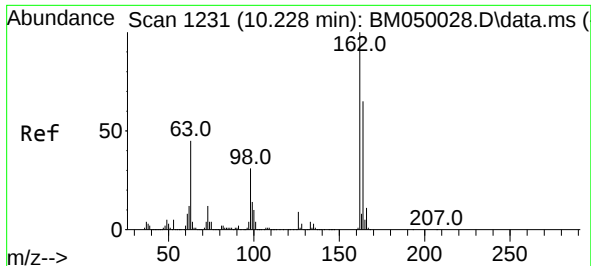
Tgt Ion:122 Resp: 549101
Ion Ratio Lower Upper
122 100
107 113.3 89.0 133.6
121 57.3 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.987 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 93 Resp: 769423
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.463 ng

RT: 10.210 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

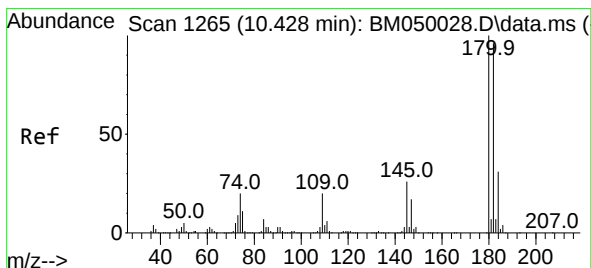
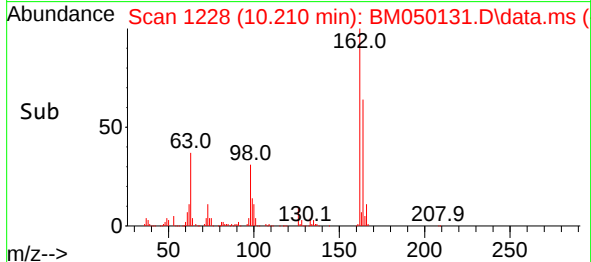
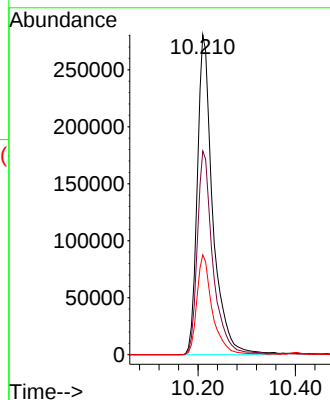
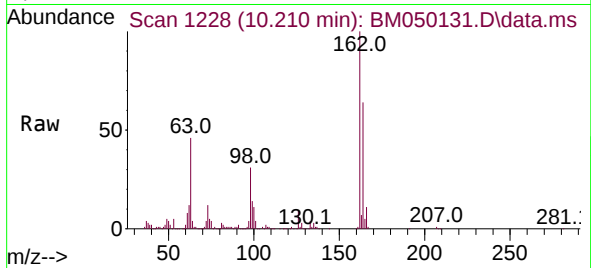
Tgt Ion:162 Resp: 621459

Ion Ratio Lower Upper

162 100

164 63.6 45.4 85.4

98 31.2 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 40.702 ng

RT: 10.404 min Scan# 1261

Delta R.T. -0.024 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

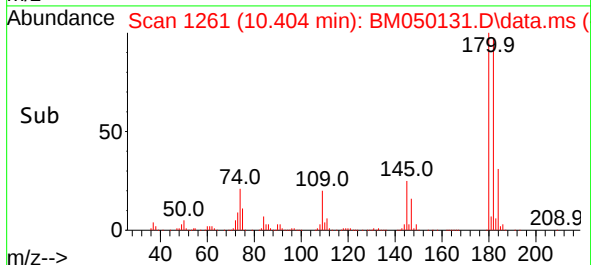
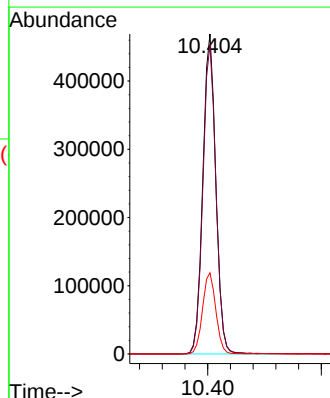
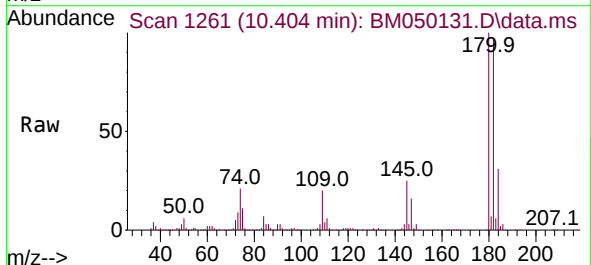
Tgt Ion:180 Resp: 743251

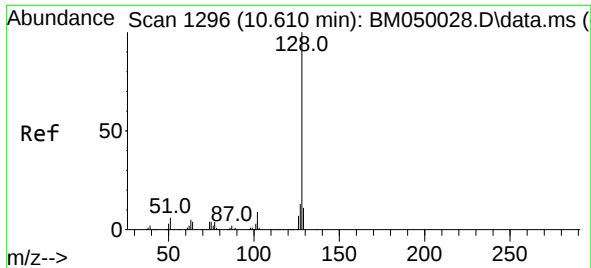
Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.4

145 25.3 20.6 30.8

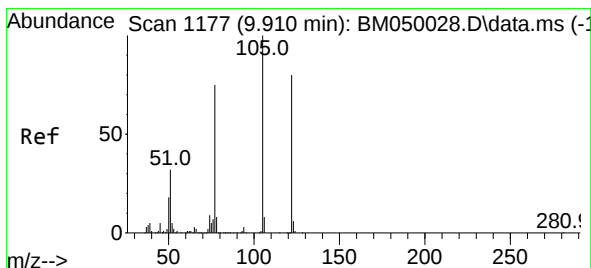
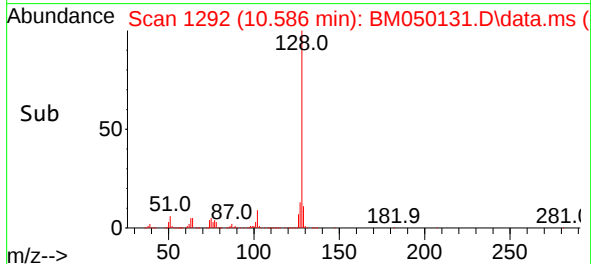
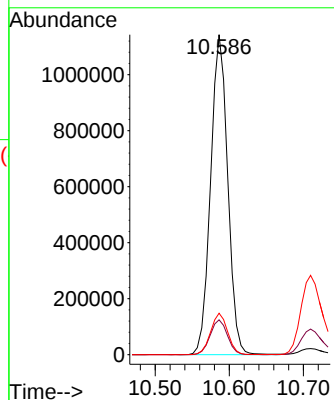
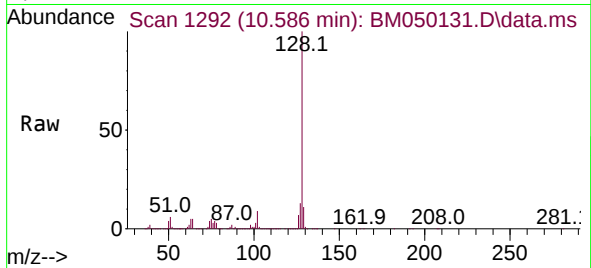




#31
Naphthalene
Concen: 40.168 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

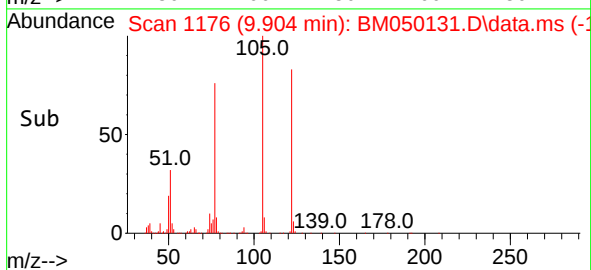
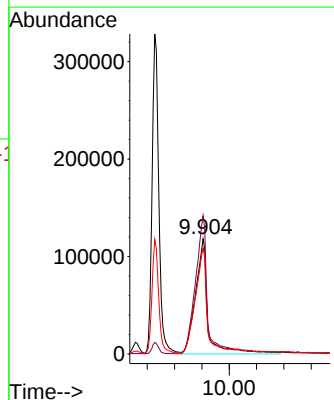
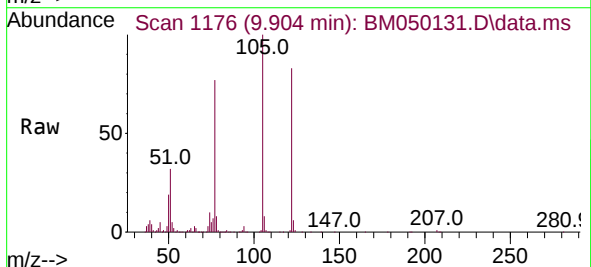
Instrument :
BNA_M
ClientSampleId :
PB167879BS

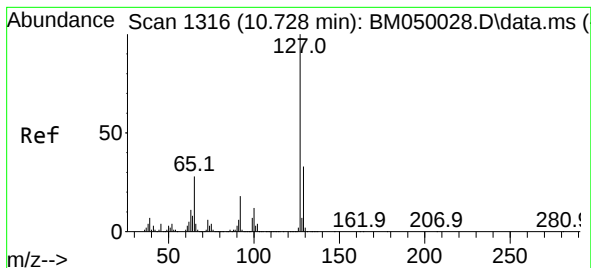
Tgt Ion:128 Resp: 1830672
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 44.103 ng m
RT: 9.904 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:122 Resp: 377374
Ion Ratio Lower Upper
122 100
105 120.1 103.6 143.6
77 92.2 73.7 113.7



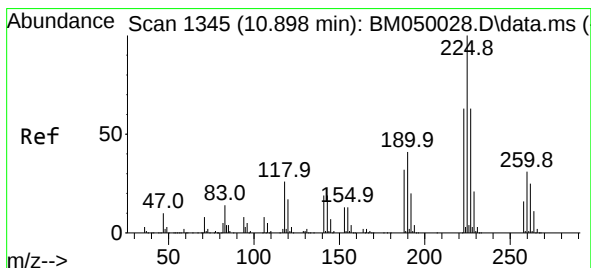
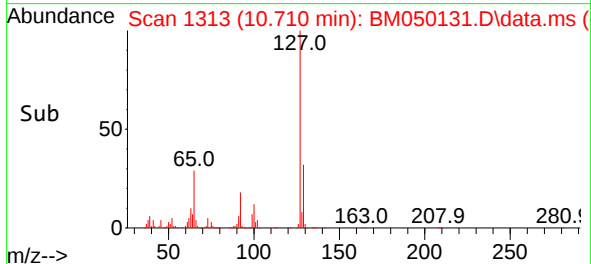
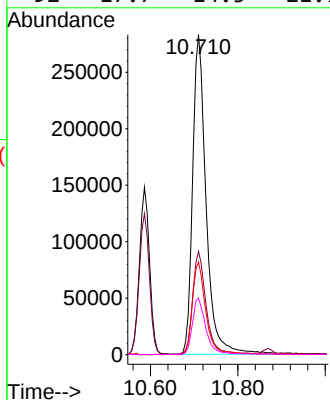
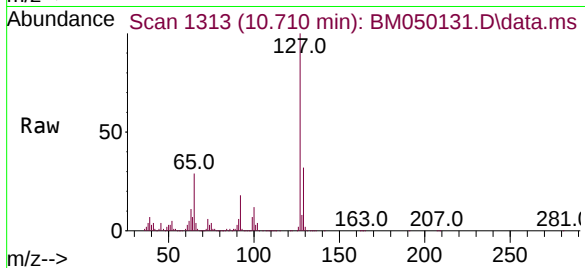


#33
4-Chloroaniline
Concen: 32.550 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:127 Resp: 608068

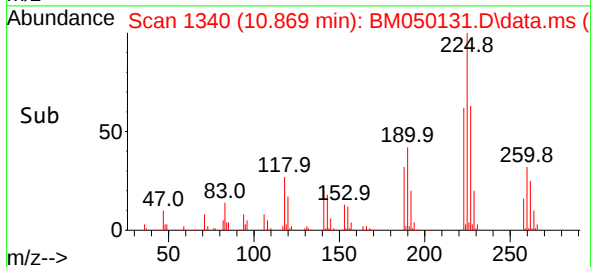
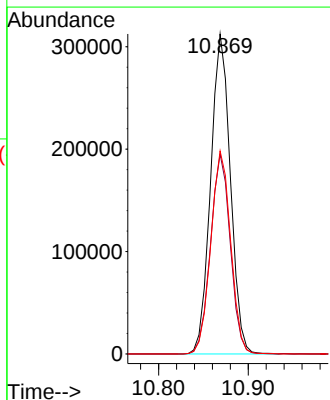
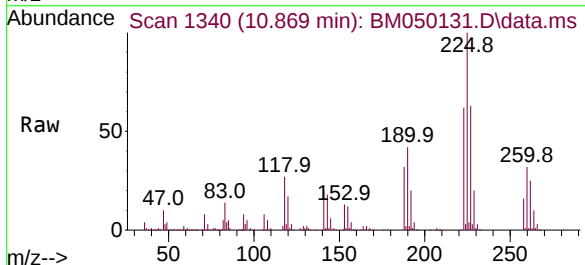
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	29.0	22.5	33.7
92	17.7	14.5	21.7

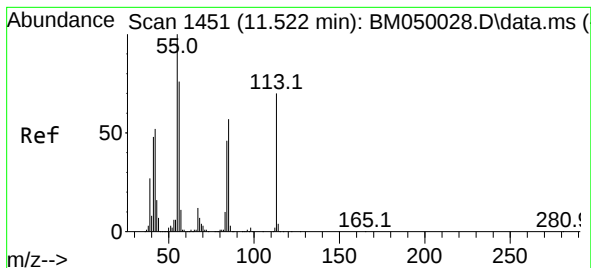


#34
Hexachlorobutadiene
Concen: 41.199 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.030 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:225 Resp: 477561

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	63.5	50.6	76.0





#35

Caprolactam

Concen: 36.781 ng

RT: 11.510 min Scan# 14

Delta R.T. -0.012 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

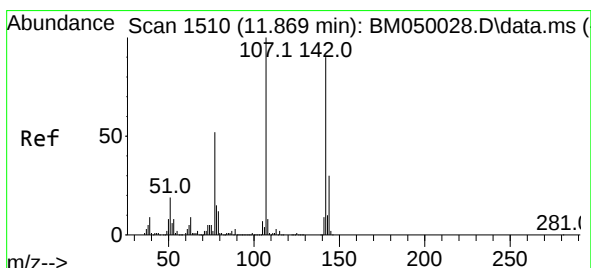
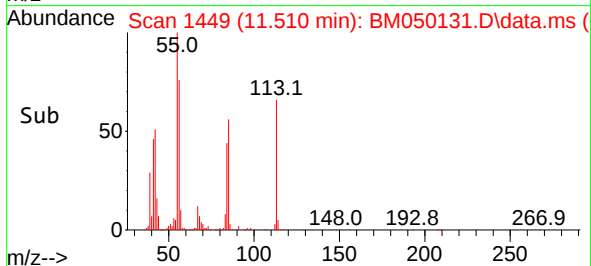
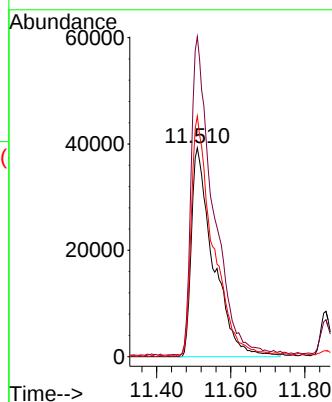
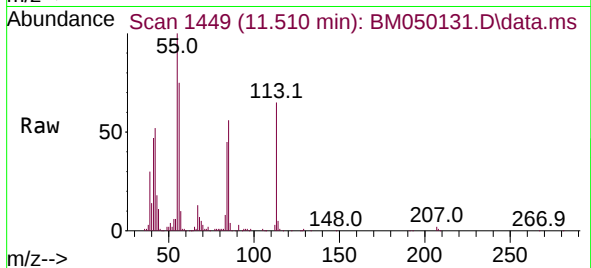
Tgt Ion:113 Resp: 160738

Ion Ratio Lower Upper

113 100

55 153.3 122.9 162.9

56 115.3 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 39.143 ng

RT: 11.857 min Scan# 1508

Delta R.T. -0.012 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

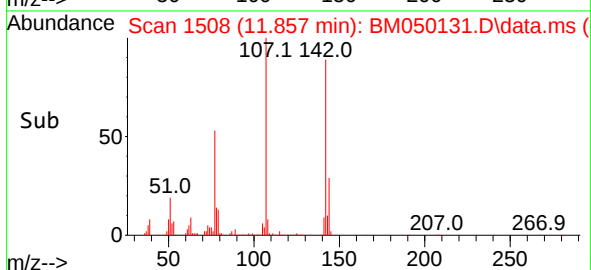
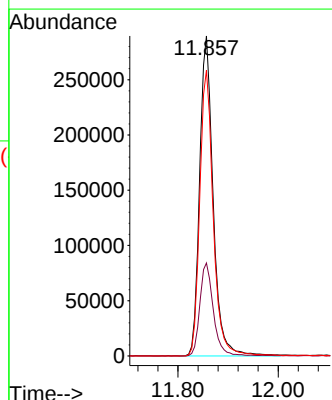
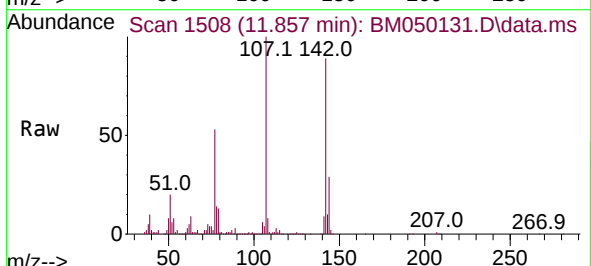
Tgt Ion:107 Resp: 542023

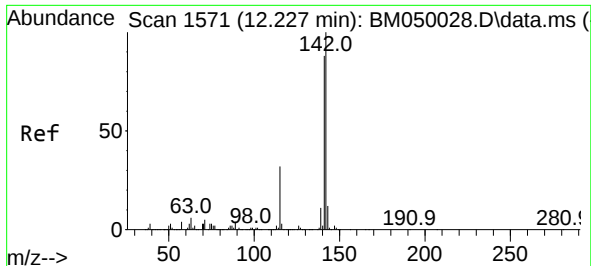
Ion Ratio Lower Upper

107 100

144 29.0 23.8 35.6

142 89.3 71.9 107.9

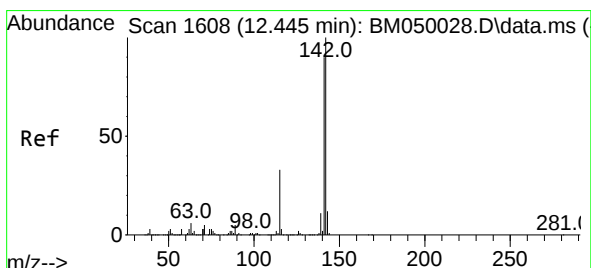
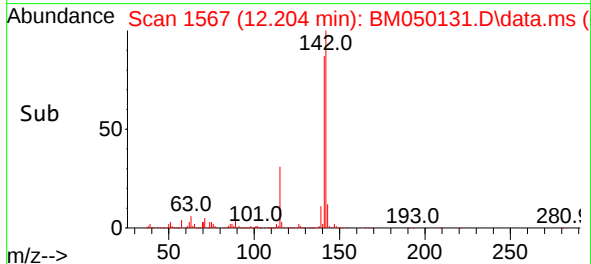
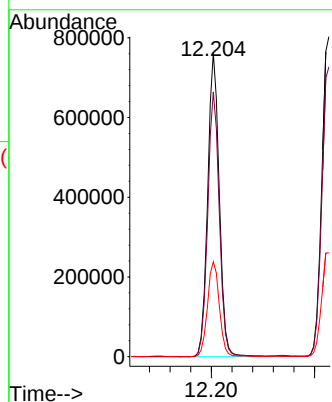
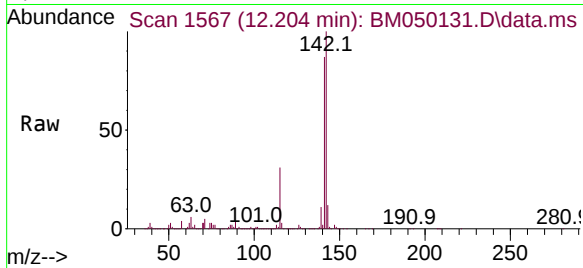




#37
2-Methylnaphthalene
Concen: 38.676 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

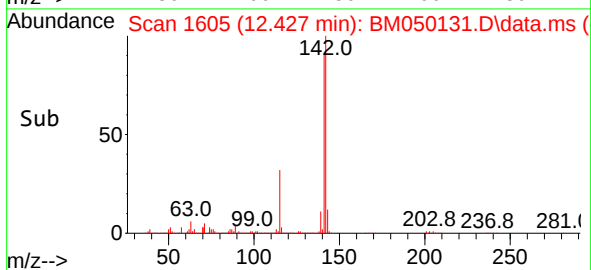
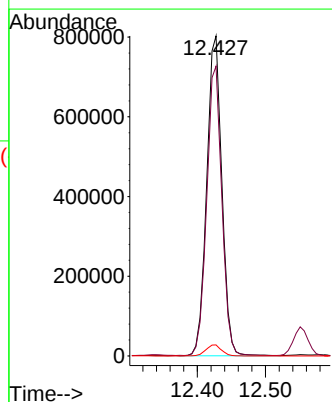
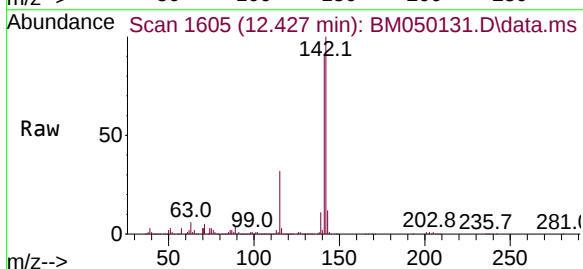
Instrument :
BNA_M
ClientSampleId :
PB167879BS

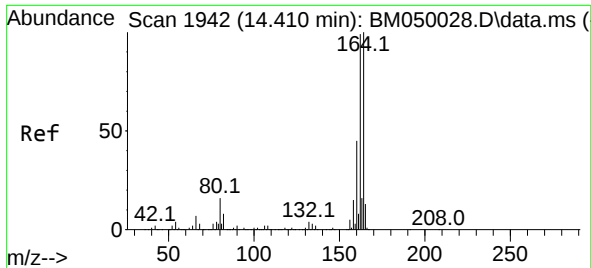
Tgt Ion:142 Resp: 1181791
Ion Ratio Lower Upper
142 100
141 87.1 70.4 105.6
115 31.2 25.4 38.2



#38
1-Methylnaphthalene
Concen: 38.266 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:142 Resp: 1237396
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1
116 3.5 2.7 4.1

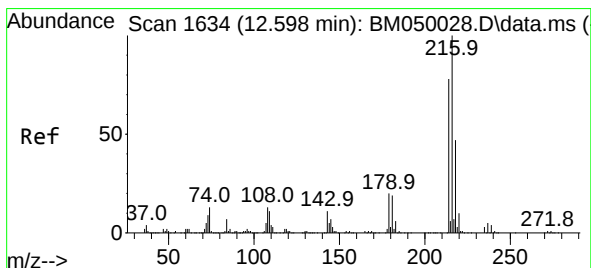
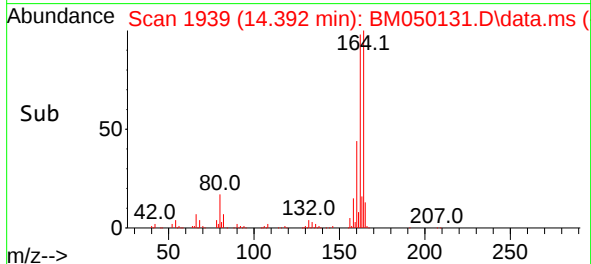
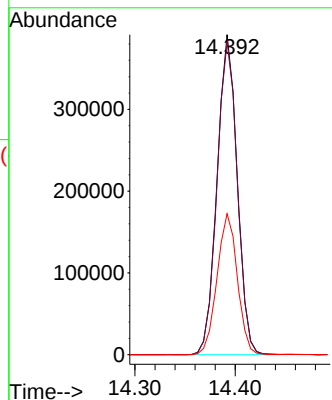
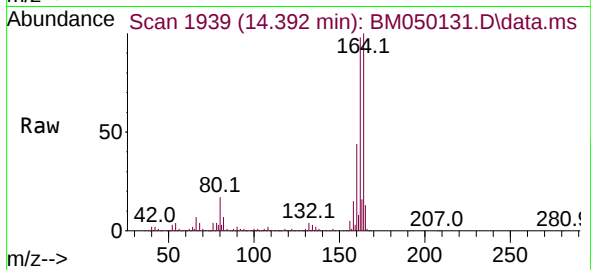




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

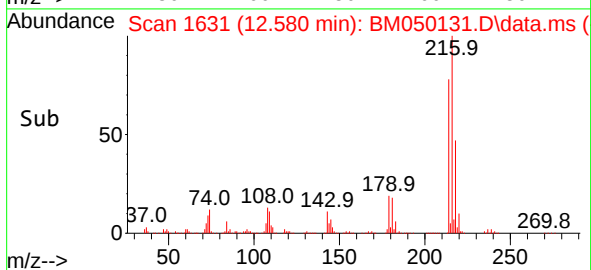
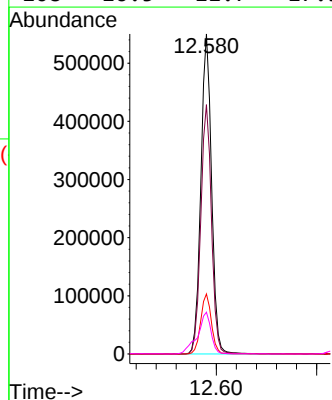
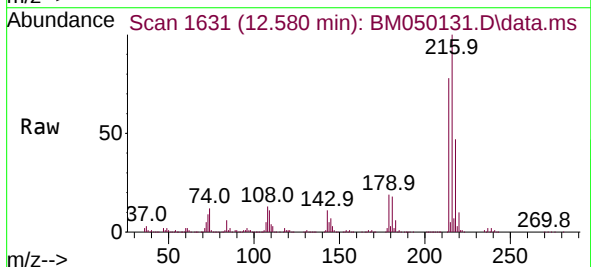
Instrument :
BNA_M
ClientSampleId :
PB167879BS

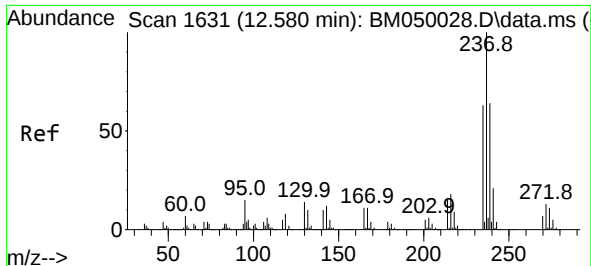
Tgt Ion:164 Resp: 545059
Ion Ratio Lower Upper
164 100
162 97.6 79.4 119.0
160 44.0 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.172 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

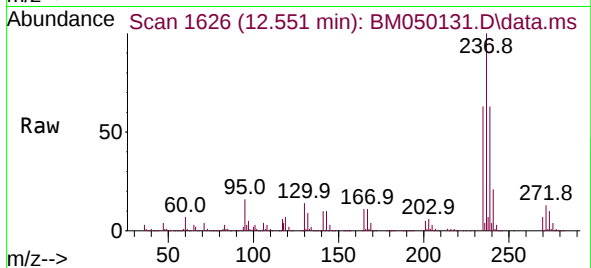
Tgt Ion:216 Resp: 814597
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 18.9 15.4 23.0
108 16.5 11.7 17.5



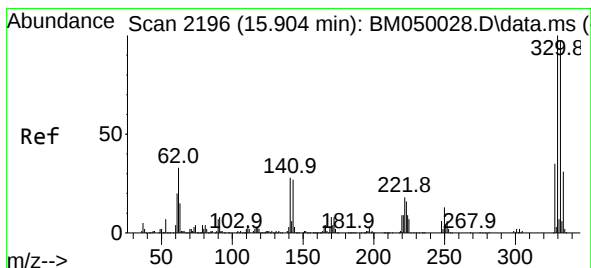
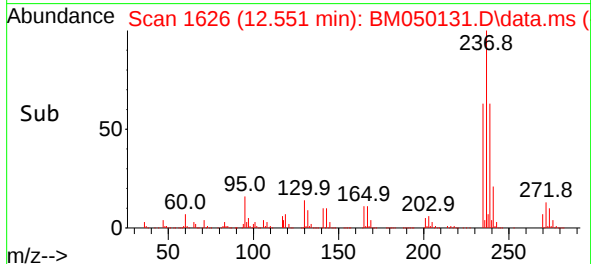
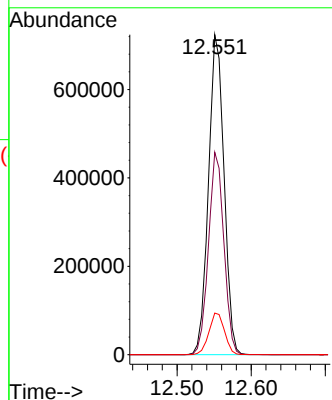


#41
Hexachlorocyclopentadiene
Concen: 91.545 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

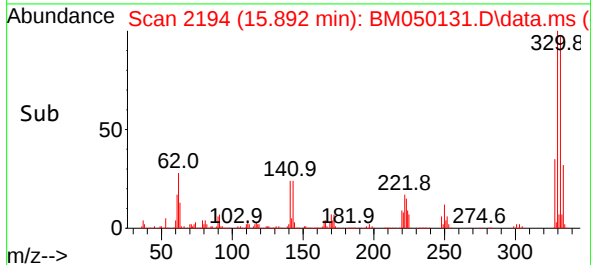
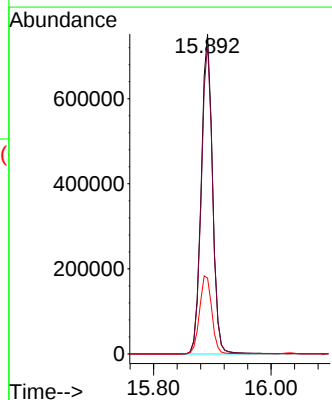
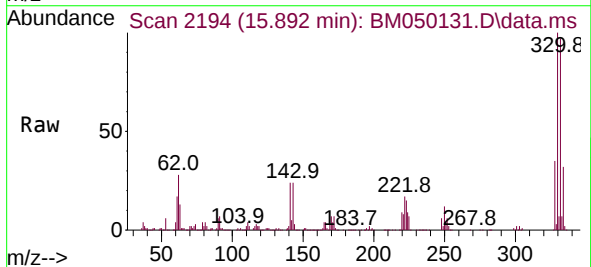


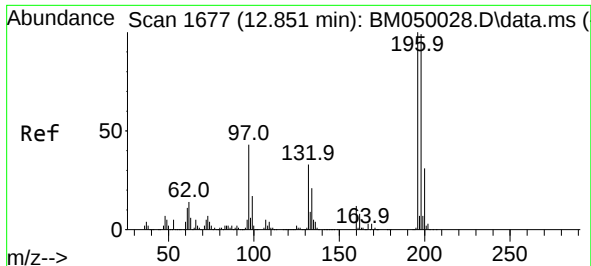
Tgt Ion:237 Resp: 1055598
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 124.502 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:330 Resp: 1003416
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 26.6 22.5 33.7

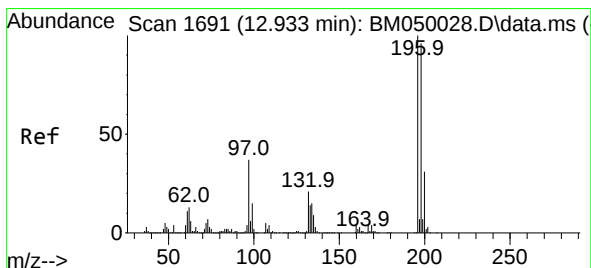
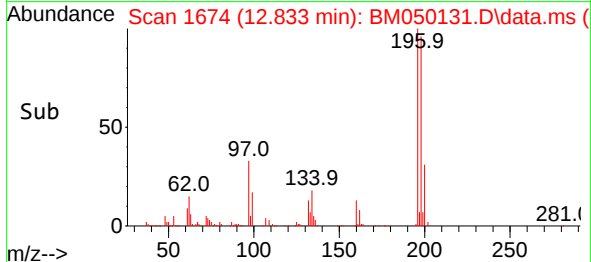
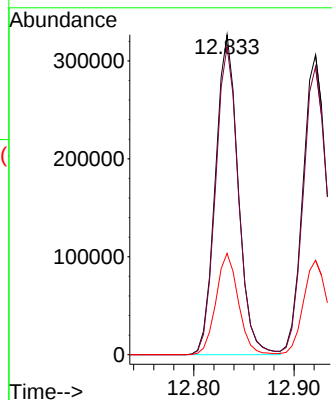
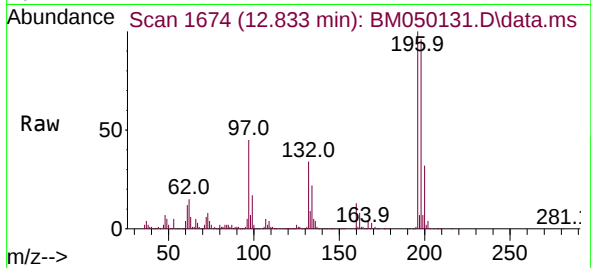




#43
2,4,6-Trichlorophenol
Concen: 43.159 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

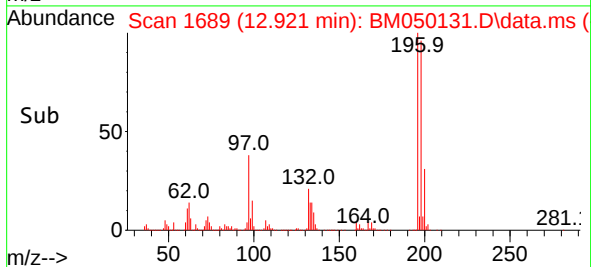
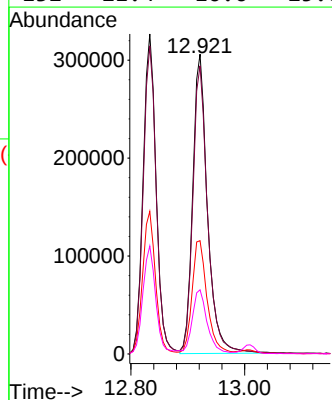
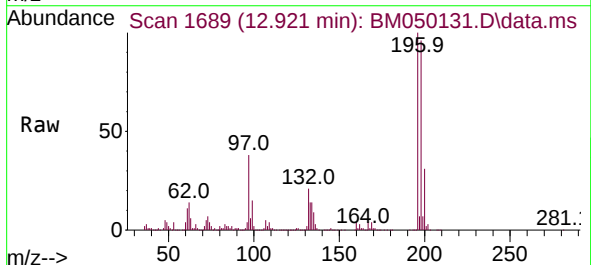
Instrument :
BNA_M
ClientSampleId :
PB167879BS

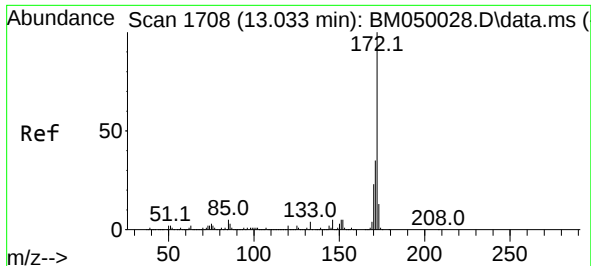
Tgt Ion:196 Resp: 516511
Ion Ratio Lower Upper
196 100
198 96.3 79.0 118.6
200 31.6 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 42.923 ng
RT: 12.921 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:196 Resp: 553935
Ion Ratio Lower Upper
196 100
198 96.1 76.7 115.1
97 37.8 30.1 45.1
132 21.4 16.6 25.0

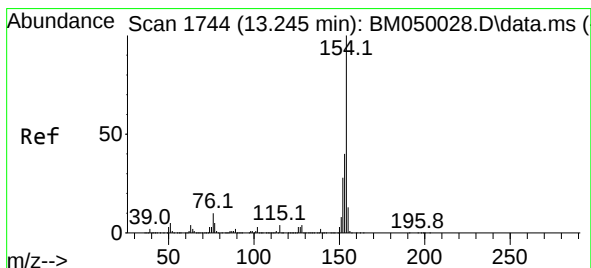
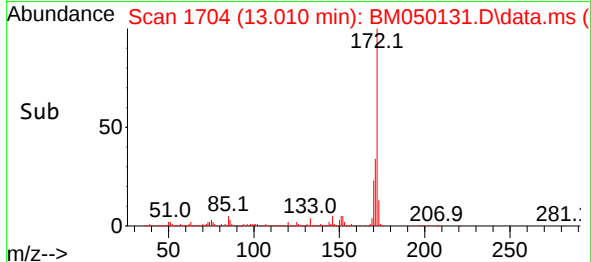
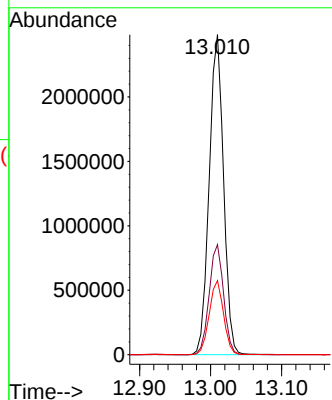
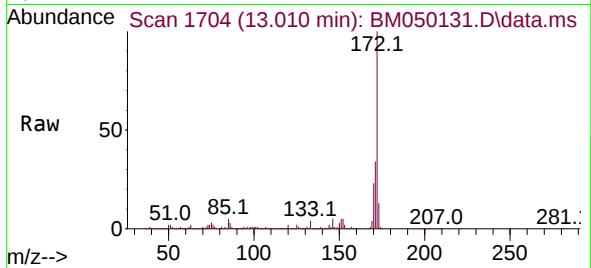




#45
2-Fluorobiphenyl
Concen: 75.756 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

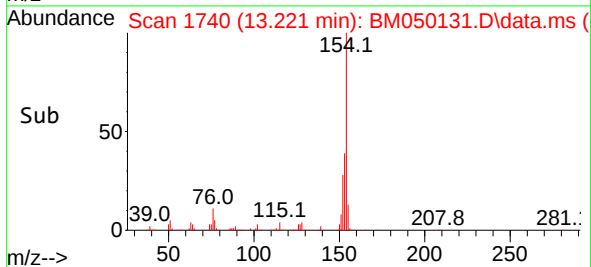
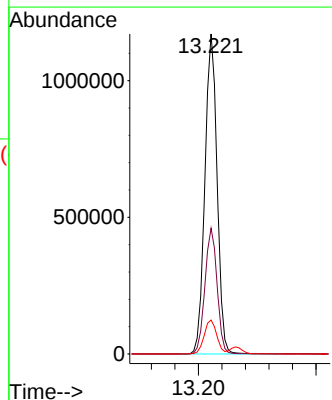
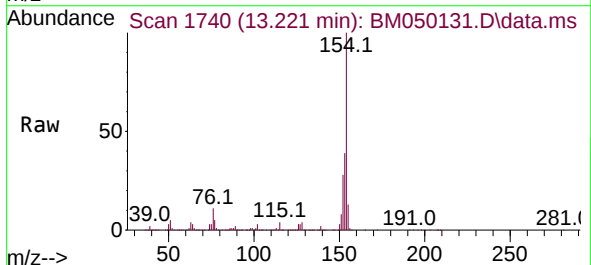
Instrument :
BNA_M
ClientSampleId :
PB167879BS

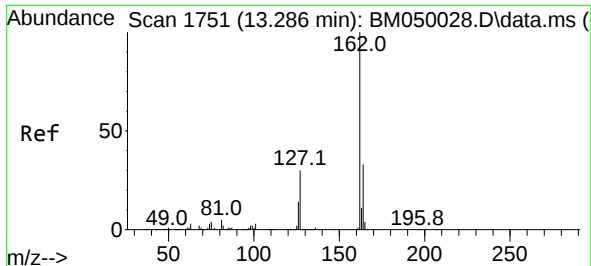
Tgt Ion:172 Resp: 3490450
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 41.474 ng
RT: 13.221 min Scan# 1740
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:154 Resp: 1680406
Ion Ratio Lower Upper
154 100
153 39.3 20.0 60.0
76 10.6 0.0 30.3

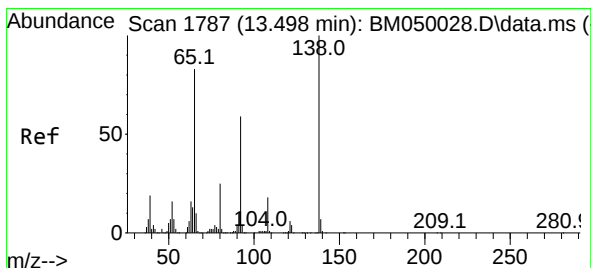
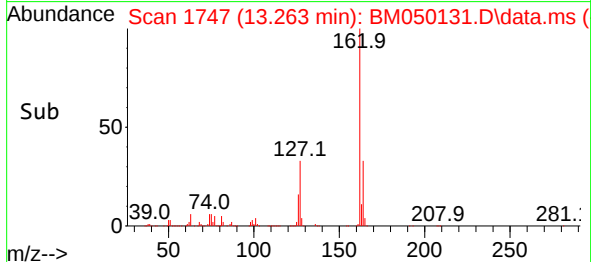
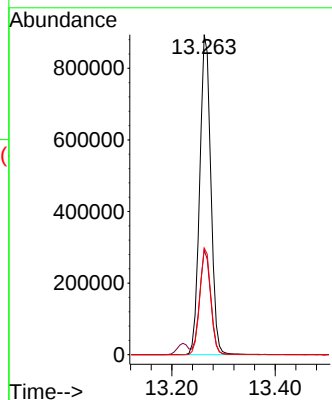
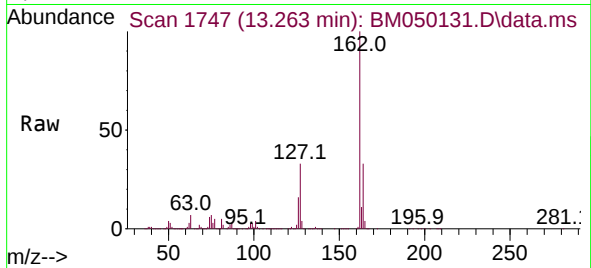




#47
2-Chloronaphthalene
Concen: 41.519 ng
RT: 13.263 min Scan# 1751
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

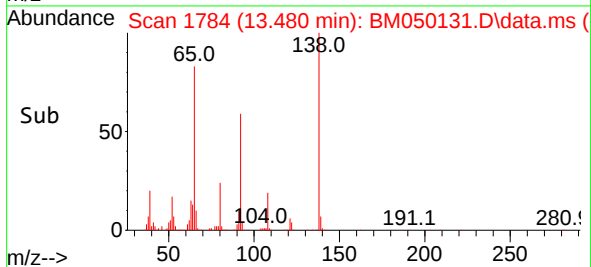
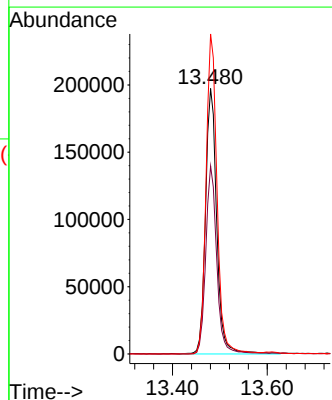
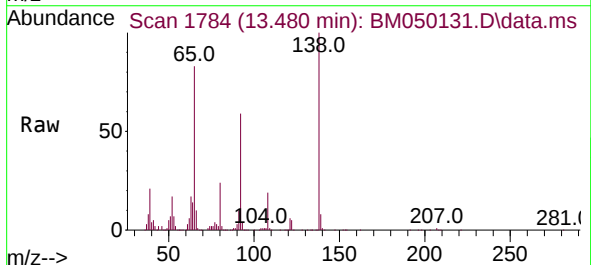
Instrument :
BNA_M
ClientSampleId :
PB167879BS

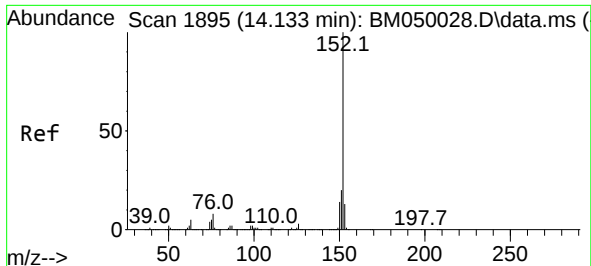
Tgt Ion:162 Resp: 1332315
Ion Ratio Lower Upper
162 100
127 32.8 25.9 38.9
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 43.138 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 65 Resp: 324890
Ion Ratio Lower Upper
65 100
92 70.8 57.1 85.7
138 120.5 97.0 145.4

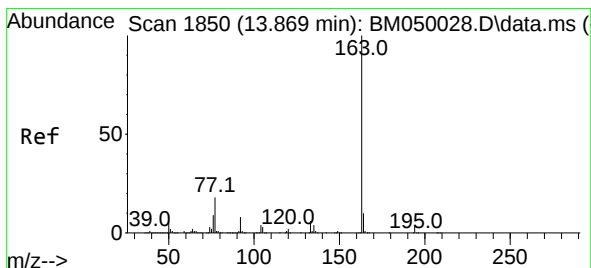
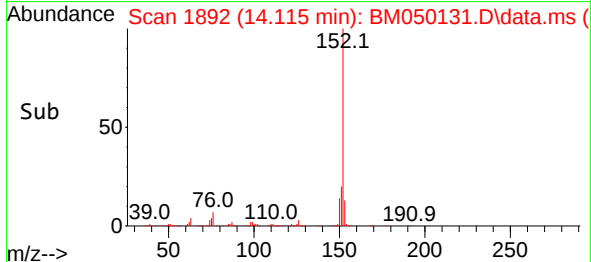
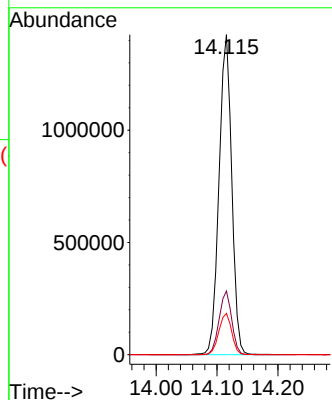
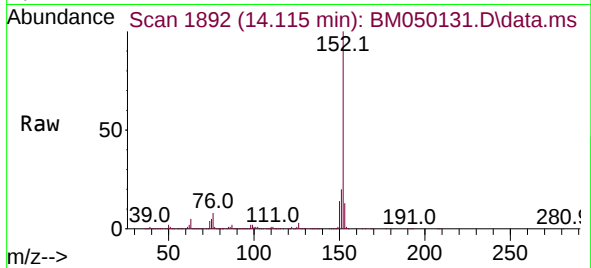




#49
Acenaphthylene
Concen: 40.848 ng
RT: 14.115 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

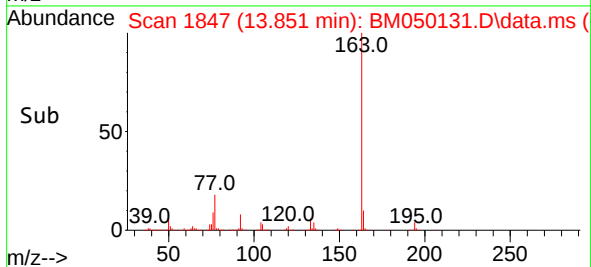
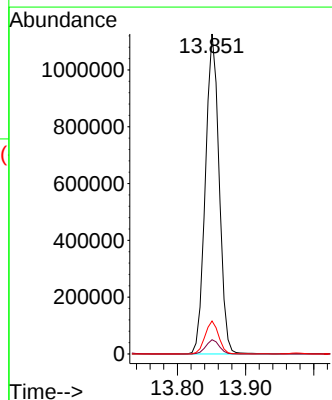
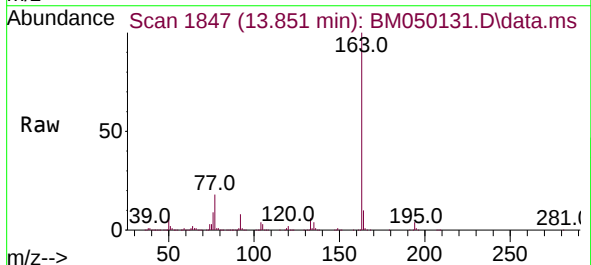
Instrument :
BNA_M
ClientSampleId :
PB167879BS

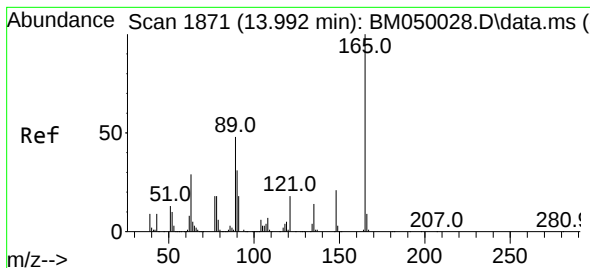
Tgt Ion:152 Resp: 2066740
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 39.649 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:163 Resp: 1579379
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.3 8.2 12.2

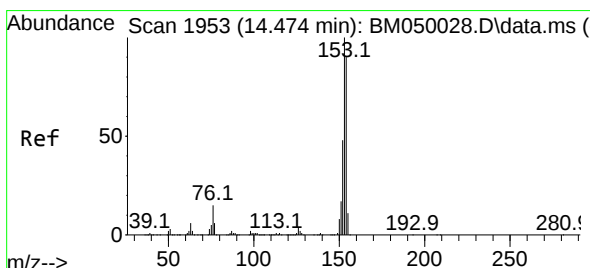
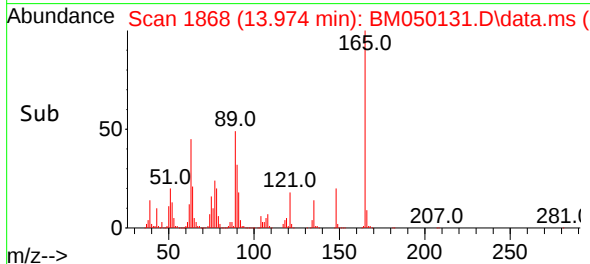
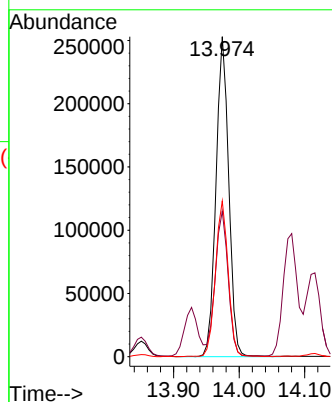
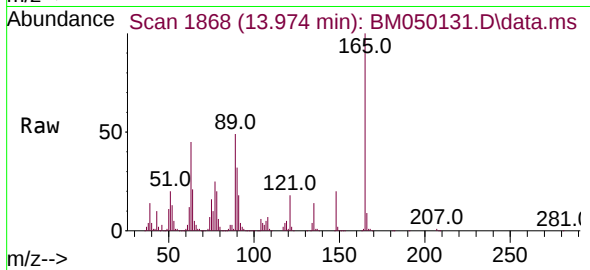




#51
2,6-Dinitrotoluene
Concen: 41.327 ng
RT: 13.974 min Scan# 1868
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

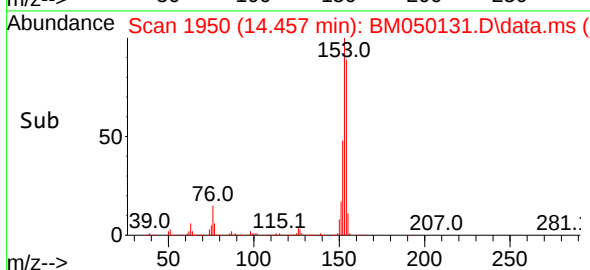
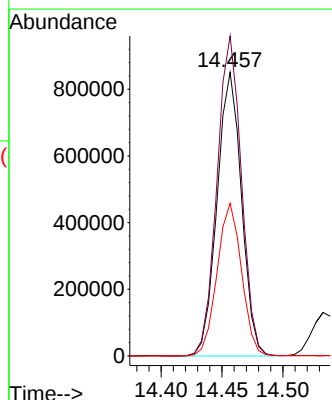
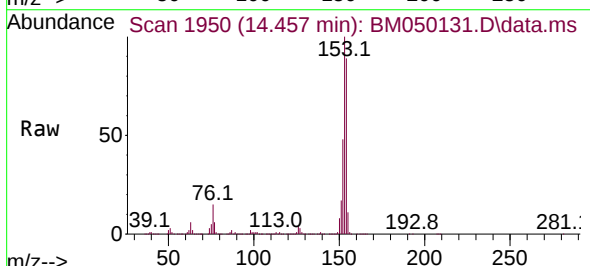
Instrument :
BNA_M
ClientSampleId :
PB167879BS

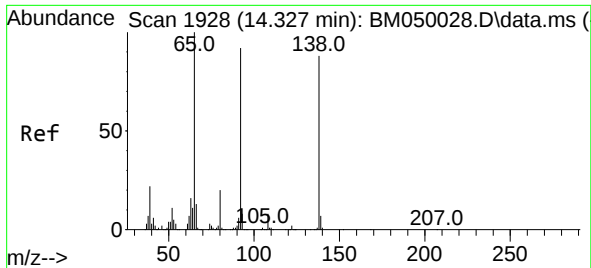
Tgt Ion:165 Resp: 340840
Ion Ratio Lower Upper
165 100
63 45.5 35.1 52.7
89 48.6 38.4 57.6



#52
Acenaphthene
Concen: 40.558 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:154 Resp: 1187802
Ion Ratio Lower Upper
154 100
153 112.8 89.0 133.4
152 53.8 43.0 64.6

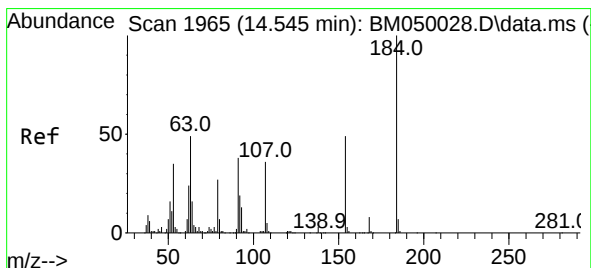
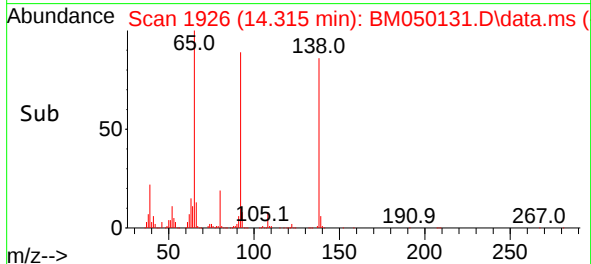
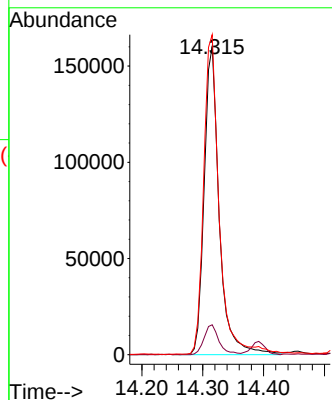
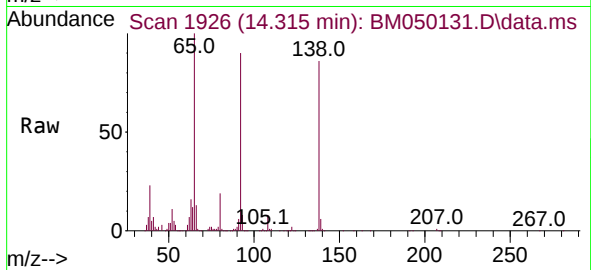




#53
3-Nitroaniline
Concen: 35.017 ng
RT: 14.315 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

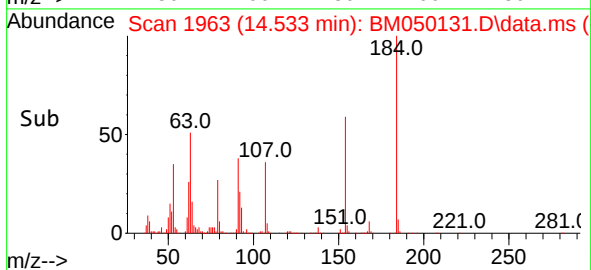
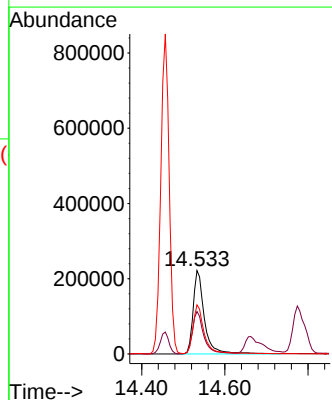
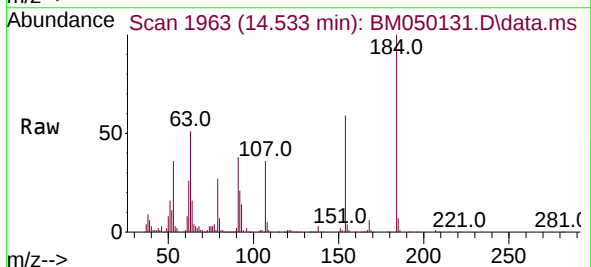
Instrument :
BNA_M
ClientSampleId :
PB167879BS

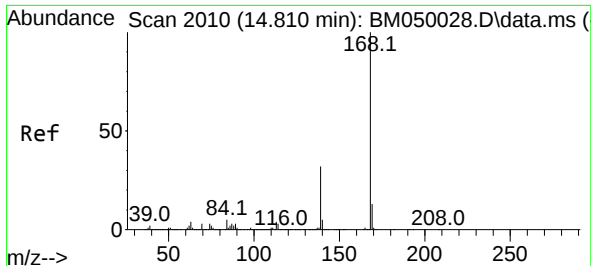
Tgt Ion:138 Resp: 275720
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.2
92 103.8 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 79.076 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:184 Resp: 416990
Ion Ratio Lower Upper
184 100
63 50.8 39.8 59.6
154 59.0 46.1 69.1

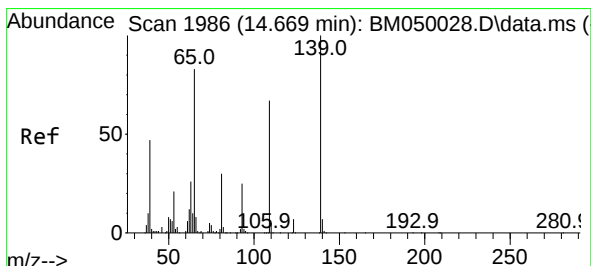
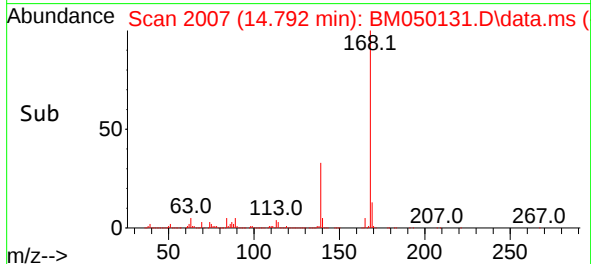
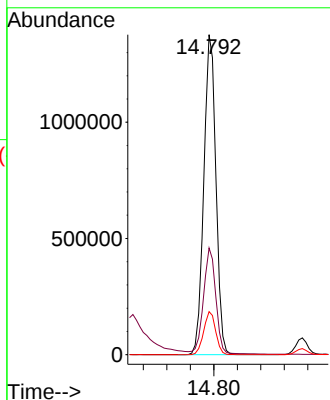
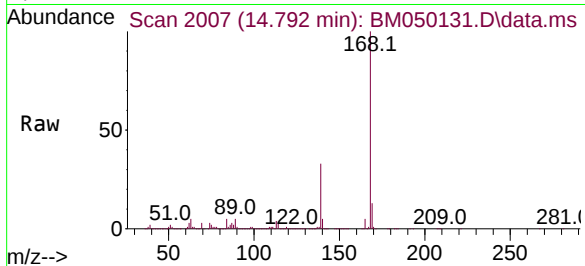




#55
Dibenzenofuran
Concen: 40.232 ng
RT: 14.792 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

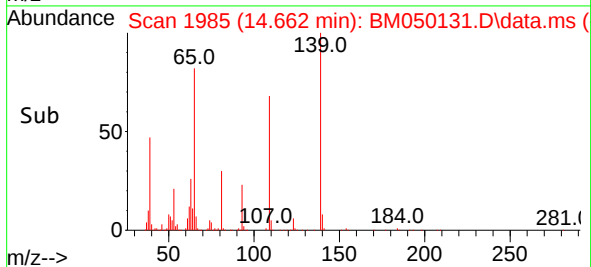
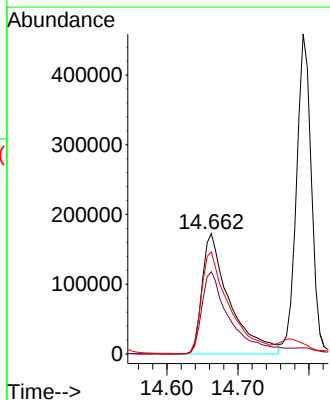
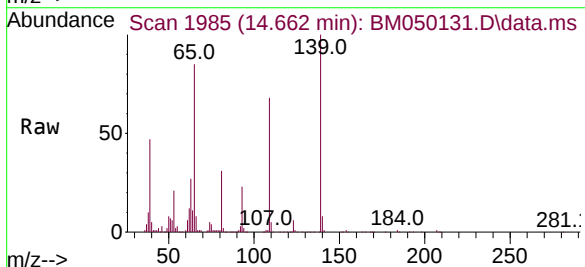
Instrument :
BNA_M
ClientSampleId :
PB167879BS

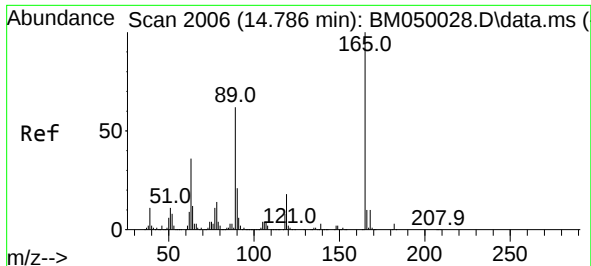
Tgt Ion:168 Resp: 1960335
Ion Ratio Lower Upper
168 100
139 33.3 26.1 39.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 72.924 ng
RT: 14.662 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:139 Resp: 464411
Ion Ratio Lower Upper
139 100
109 68.3 47.0 87.0
65 84.8 64.3 104.3

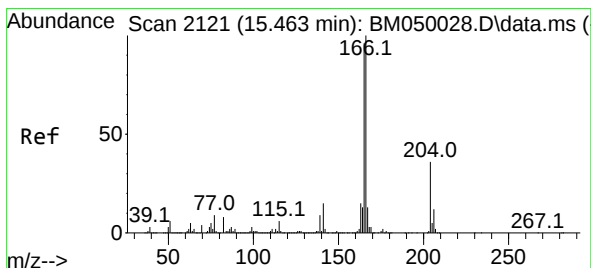
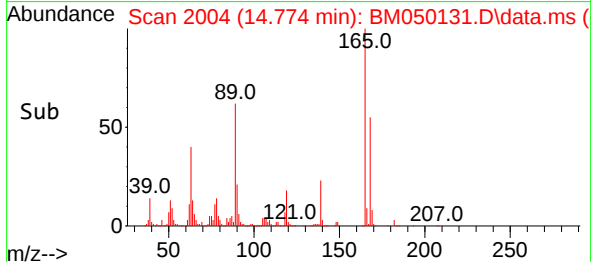
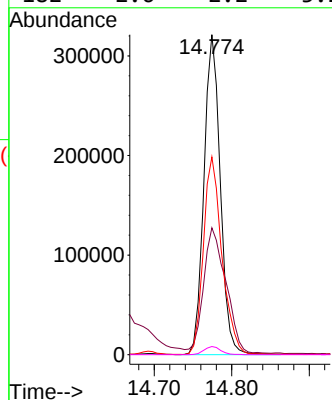
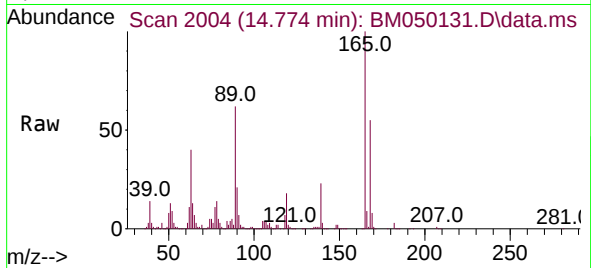




#57
2,4-Dinitrotoluene
Concen: 41.347 ng
RT: 14.774 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

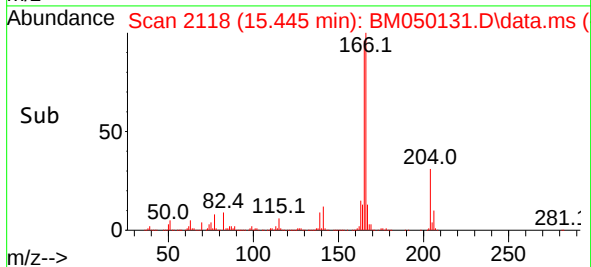
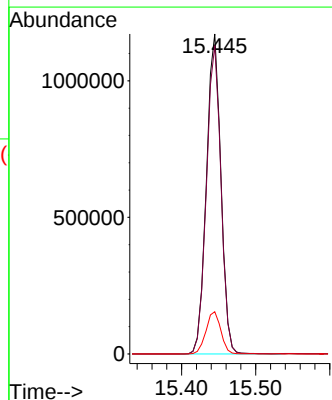
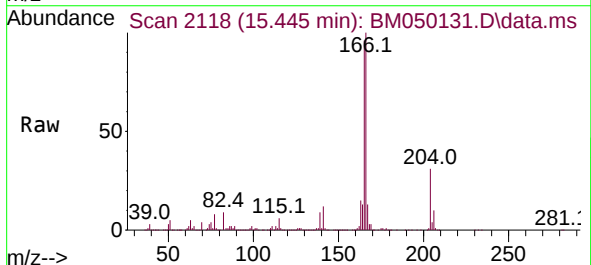
Instrument :
BNA_M
ClientSampleId :
PB167879BS

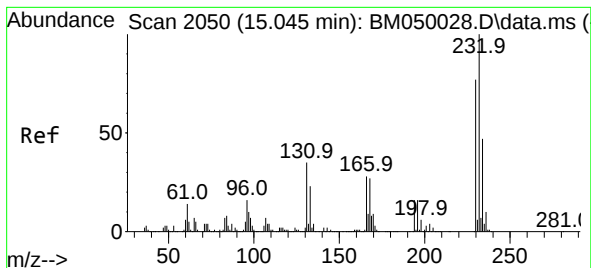
Tgt Ion:165 Resp: 471194
Ion Ratio Lower Upper
165 100
63 39.7 29.0 43.6
89 61.8 49.4 74.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 39.840 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:166 Resp: 1588960
Ion Ratio Lower Upper
166 100
165 96.4 76.6 115.0
167 13.2 10.6 16.0

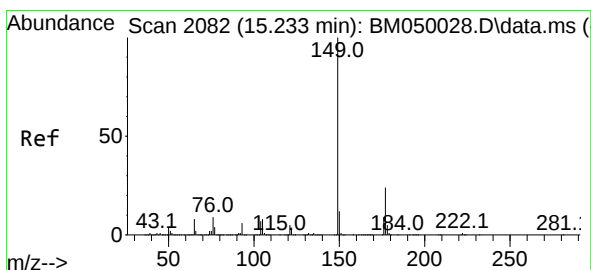
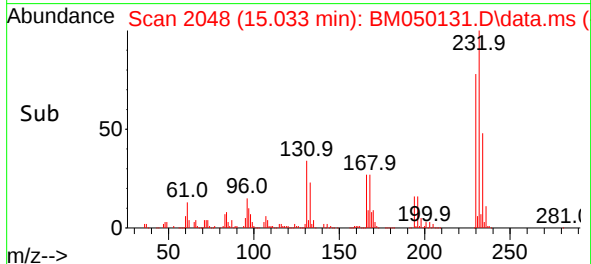
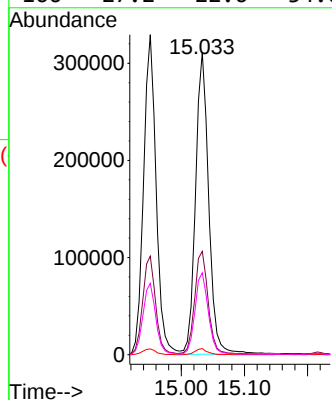
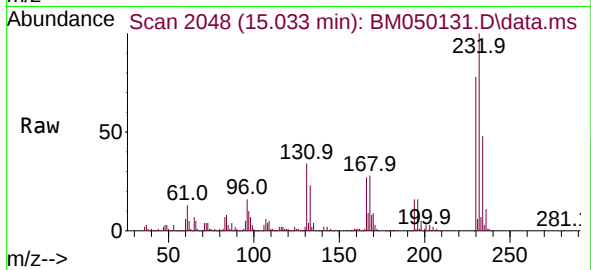




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.133 ng
RT: 15.033 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

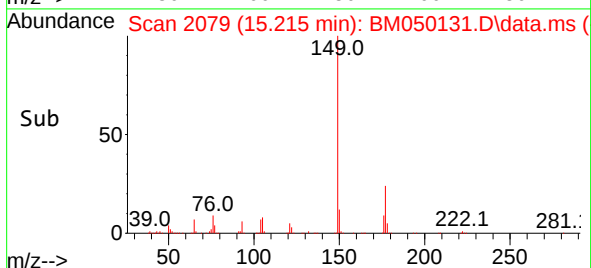
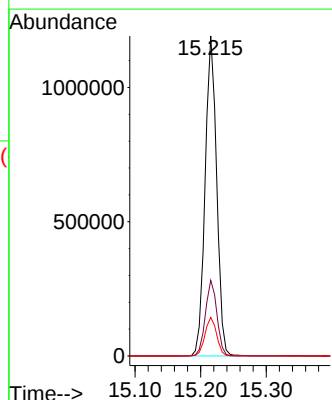
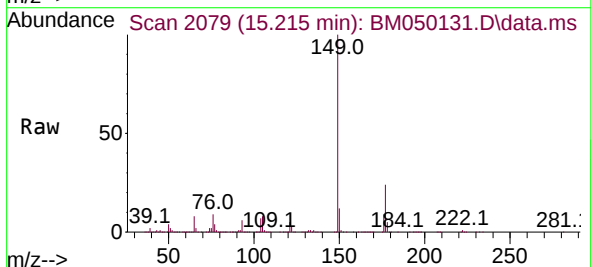
Instrument :
BNA_M
ClientSampleId :
PB167879BS

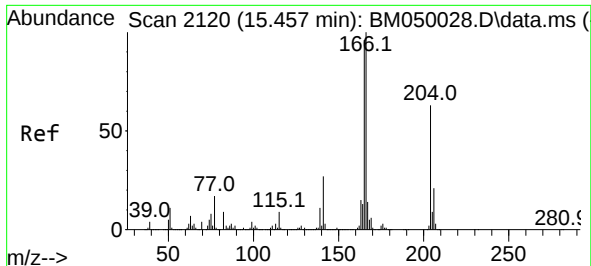
Tgt Ion:232 Resp: 448324
Ion Ratio Lower Upper
232 100
131 35.5 28.2 42.4
130 1.9 1.5 2.3
166 27.2 22.6 34.0



#60
Diethylphthalate
Concen: 38.959 ng
RT: 15.215 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:149 Resp: 1462298
Ion Ratio Lower Upper
149 100
177 23.6 19.1 28.7
150 12.1 9.6 14.4

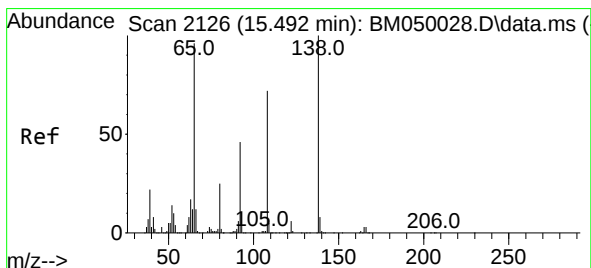
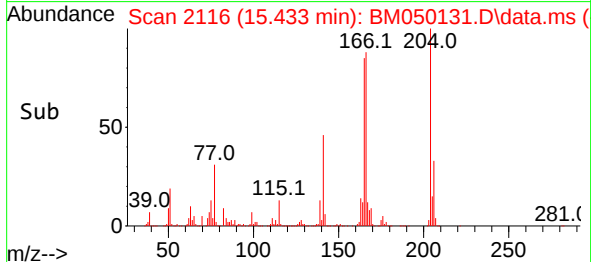
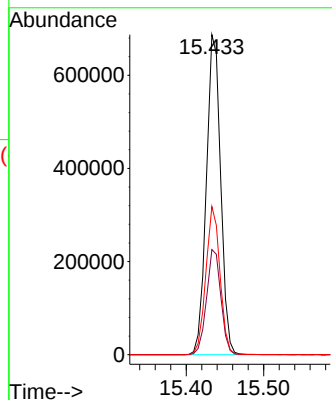
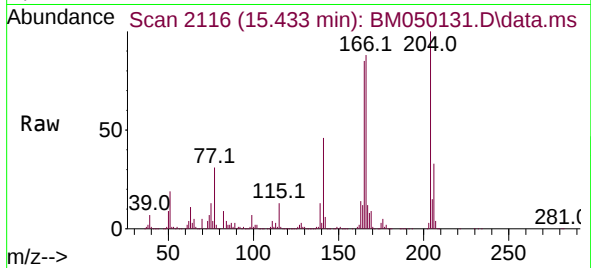




#61
4-Chlorophenyl-phenylether
Concen: 40.159 ng
RT: 15.433 min Scan# 2116
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

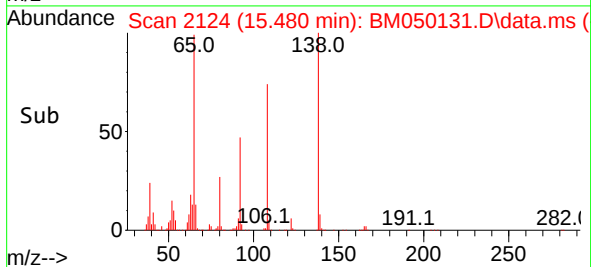
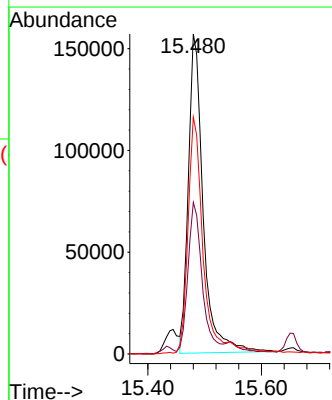
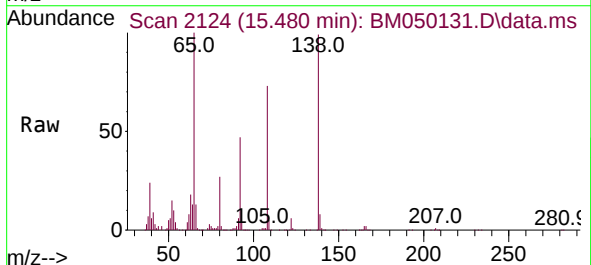
Instrument :
BNA_M
ClientSampleId :
PB167879BS

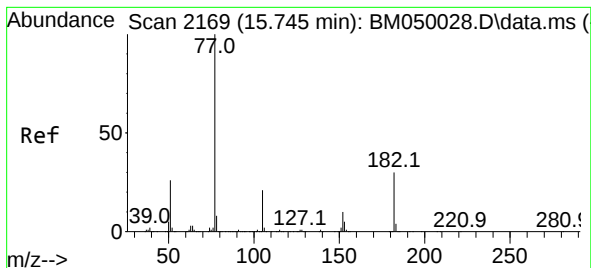
Tgt Ion:204 Resp: 879735
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 46.3 34.0 51.0



#62
4-Nitroaniline
Concen: 37.310 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:138 Resp: 283435
Ion Ratio Lower Upper
138 100
92 47.3 25.9 65.9
108 74.1 52.4 92.4





#63

Azobenzene

Concen: 40.331 ng

RT: 15.727 min Scan# 2166

Delta R.T. -0.018 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

Tgt Ion: 77 Resp: 1268653

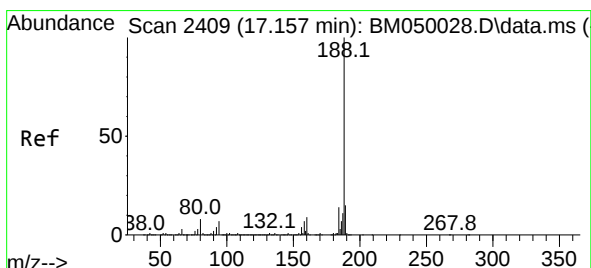
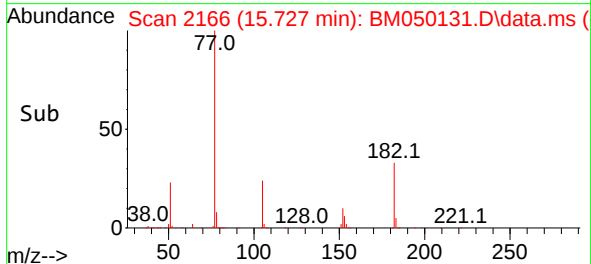
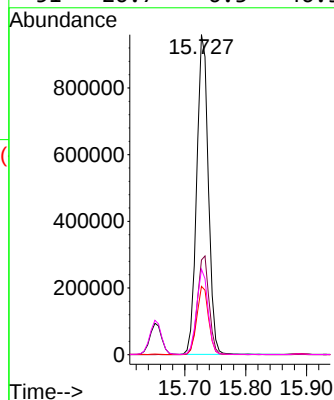
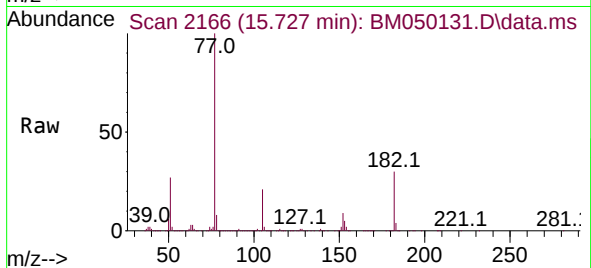
Ion Ratio Lower Upper

77 100

182 29.6 10.5 50.5

105 21.3 1.1 41.1

51 26.7 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2406

Delta R.T. -0.018 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

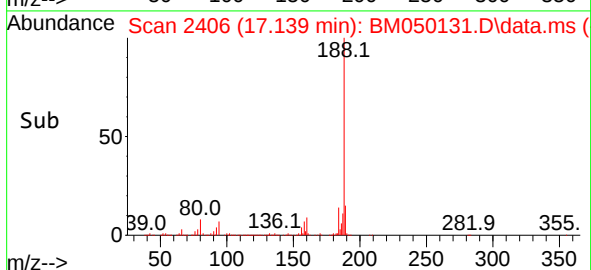
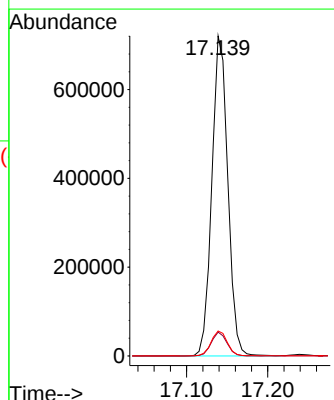
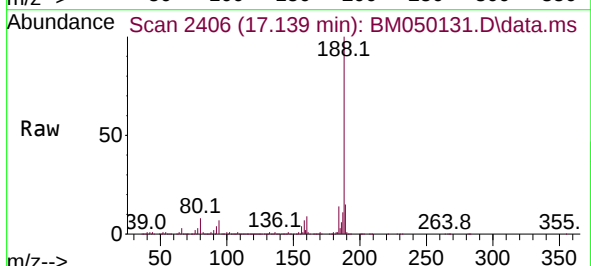
Tgt Ion:188 Resp: 982729

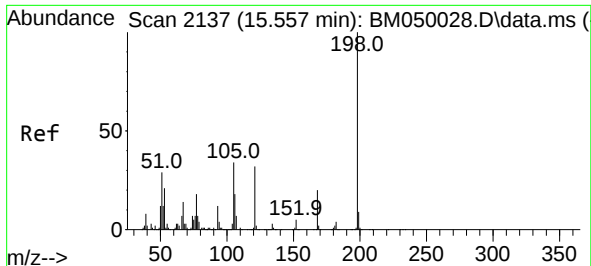
Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 7.8 6.2 9.4

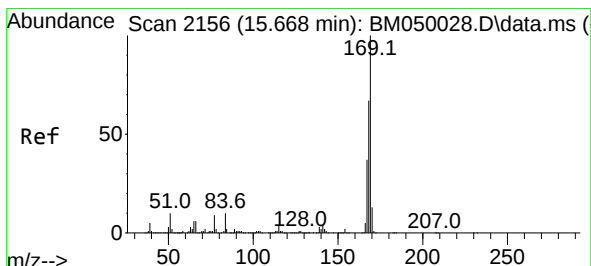
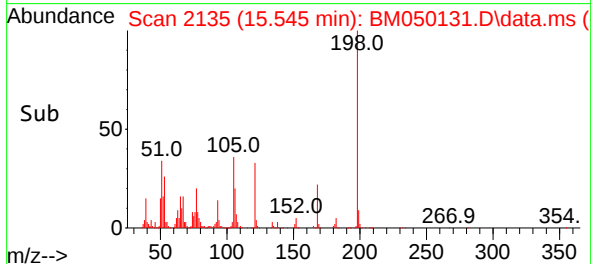
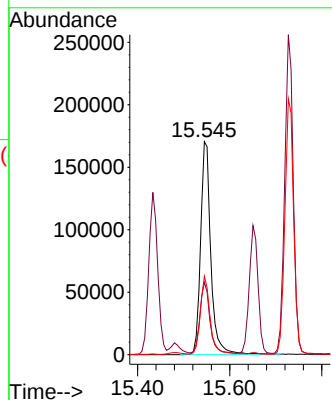
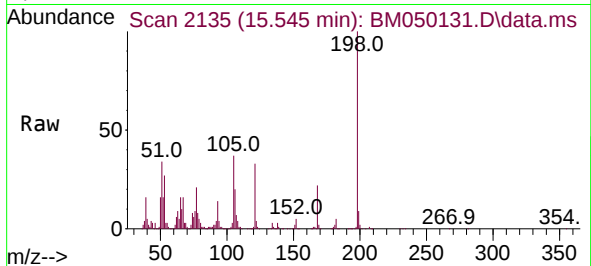




#65
4,6-Dinitro-2-methylphenol
Concen: 43.067 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

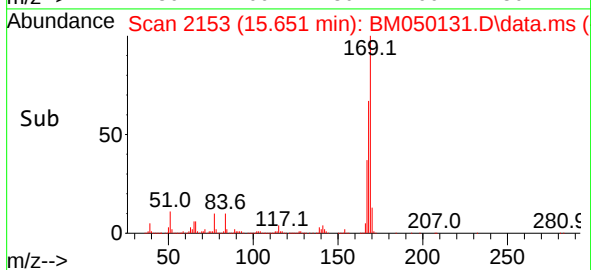
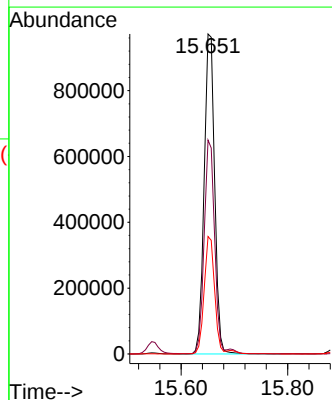
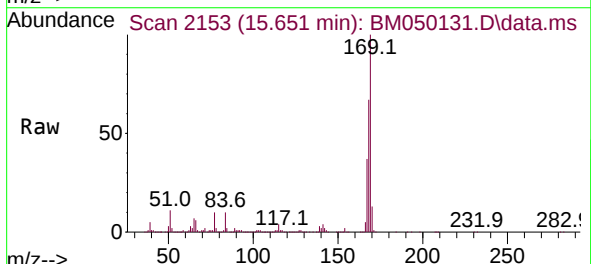
Instrument :
BNA_M
ClientSampleId :
PB167879BS

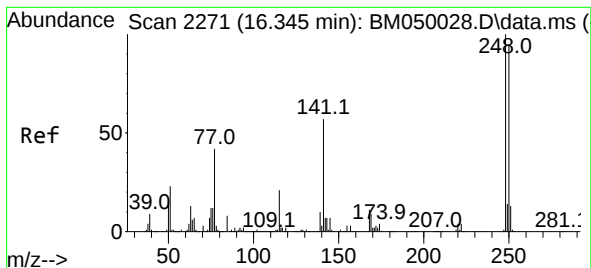
Tgt Ion:198 Resp: 264929
Ion Ratio Lower Upper
198 100
51 34.0 10.4 50.4
105 36.9 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 43.827 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:169 Resp: 1322557
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.7 29.4 44.0

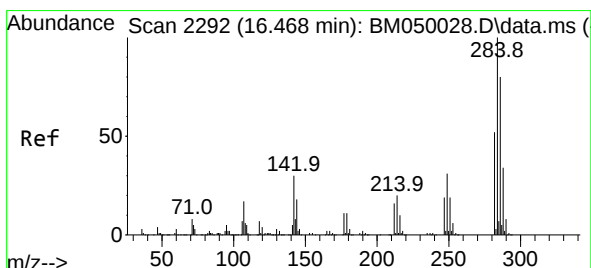
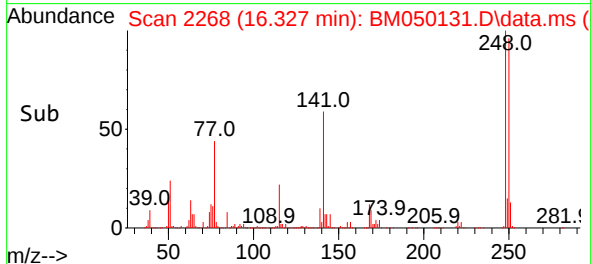
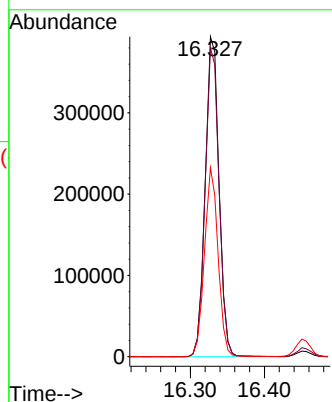
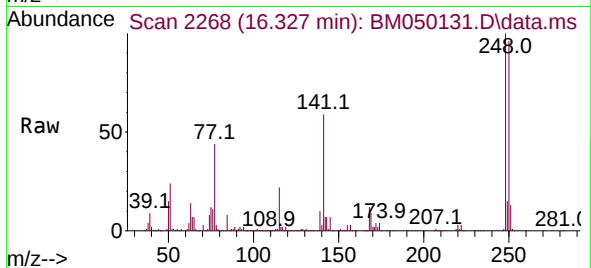




#67
4-Bromophenyl-phenylether
Concen: 43.008 ng
RT: 16.327 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

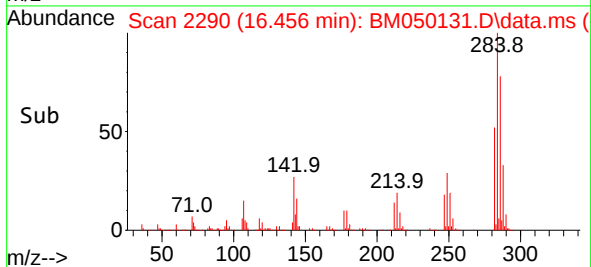
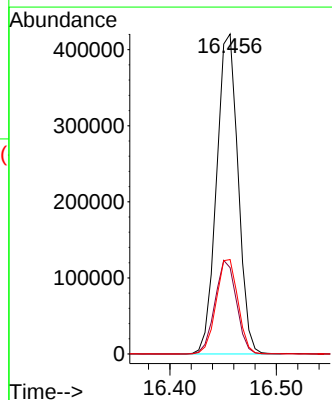
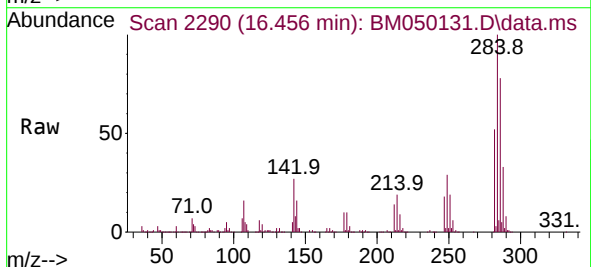
Instrument :
BNA_M
ClientSampleId :
PB167879BS

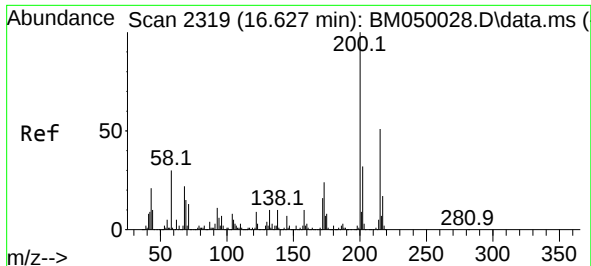
Tgt Ion:248 Resp: 511104
Ion Ratio Lower Upper
248 100
250 96.5 76.2 114.2
141 59.1 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.988 ng
RT: 16.456 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:284 Resp: 588874
Ion Ratio Lower Upper
284 100
142 27.0 23.9 35.9
249 29.5 24.5 36.7

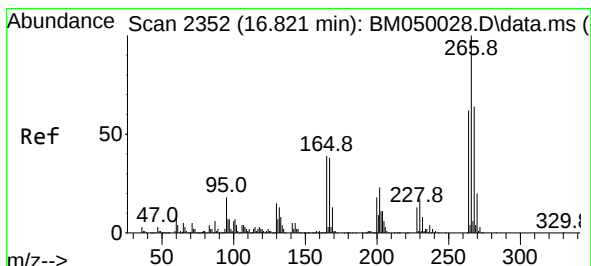
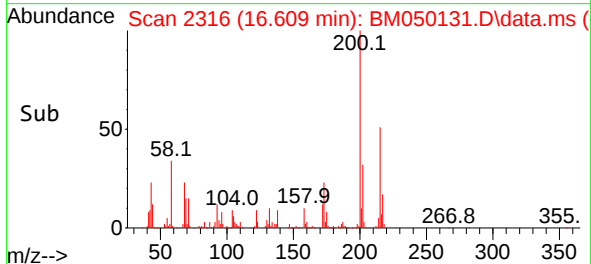
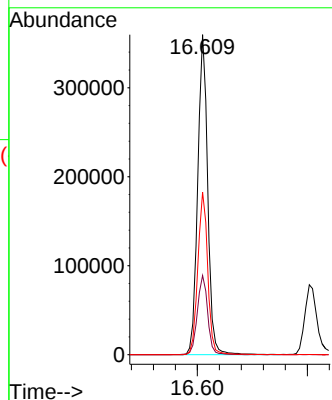
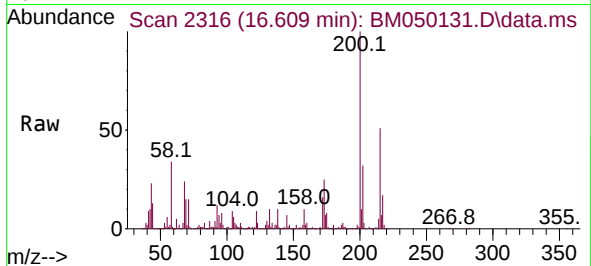




#69
 Atrazine
 Concen: 41.689 ng
 RT: 16.609 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM050131.D
 Acq: 07 May 2025 11:14

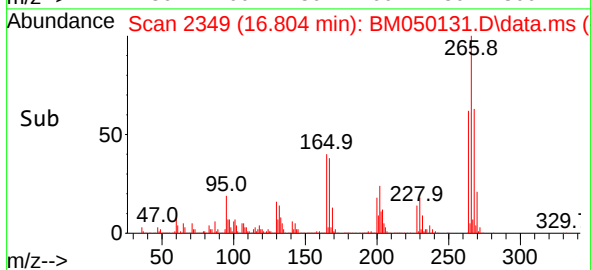
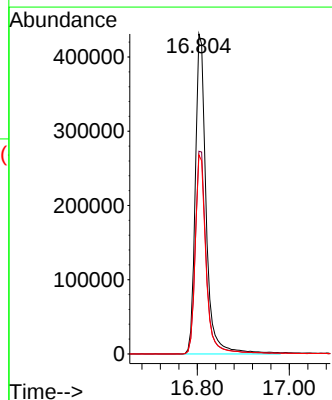
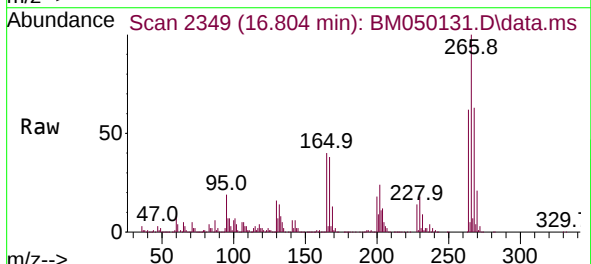
Instrument :
 BNA_M
 ClientSampleId :
 PB167879BS

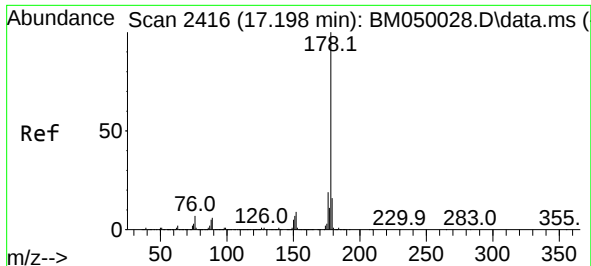
Tgt Ion:200 Resp: 453789
 Ion Ratio Lower Upper
 200 100
 173 24.8 4.3 44.3
 215 50.8 30.6 70.6



#70
 Pentachlorophenol
 Concen: 91.061 ng
 RT: 16.804 min Scan# 2349
 Delta R.T. -0.018 min
 Lab File: BM050131.D
 Acq: 07 May 2025 11:14

Tgt Ion:266 Resp: 702157
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.2 76.8
 264 62.2 49.6 74.4

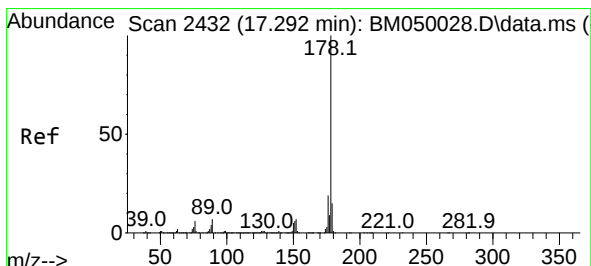
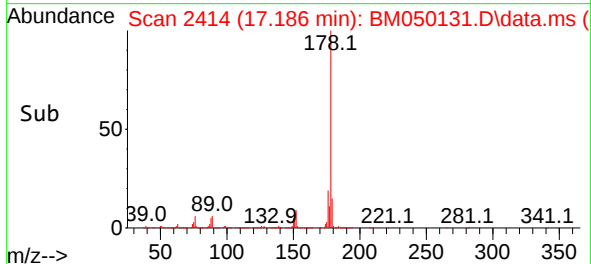
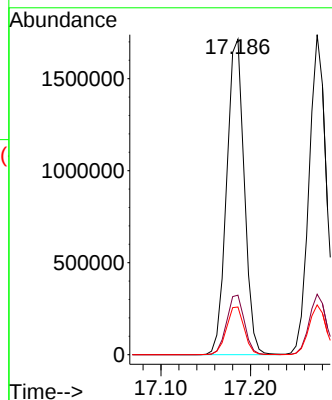
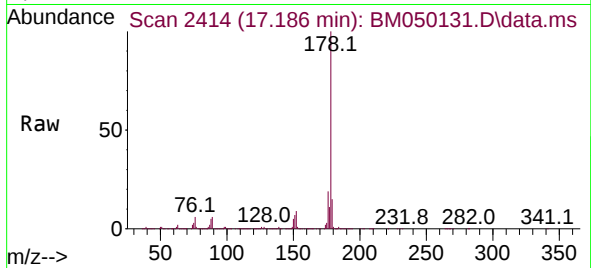




#71
Phenanthrene
Concen: 42.122 ng
RT: 17.186 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

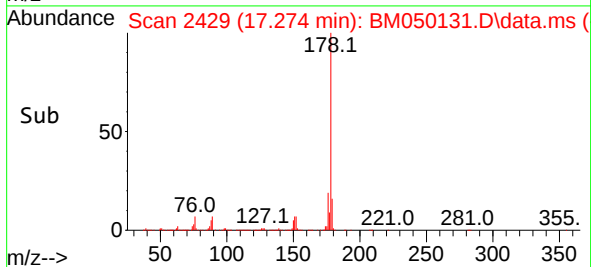
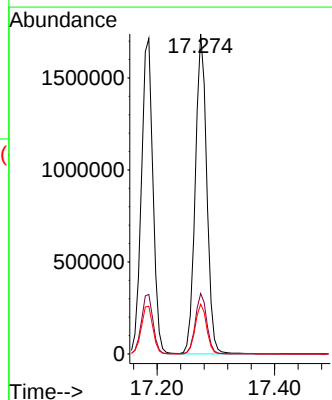
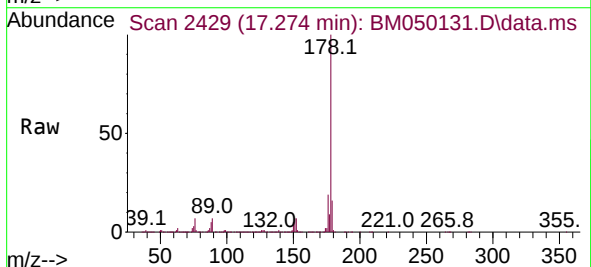
Instrument :
BNA_M
ClientSampleId :
PB167879BS

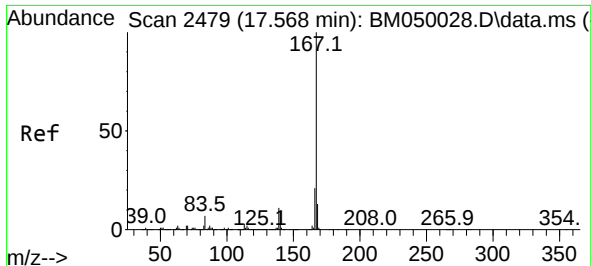
Tgt Ion:178 Resp: 2334726
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.1 12.4 18.6



#72
Anthracene
Concen: 41.828 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:178 Resp: 2346195
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.6 12.2 18.4

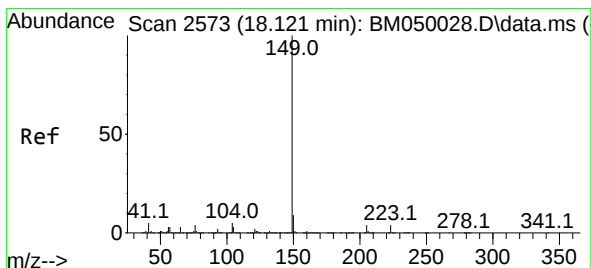
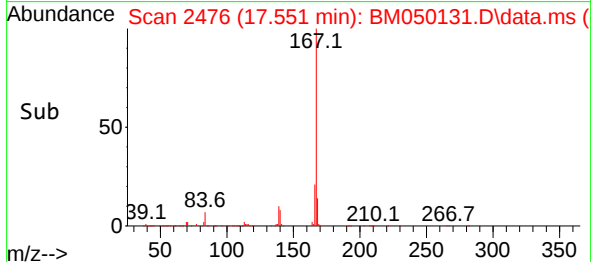
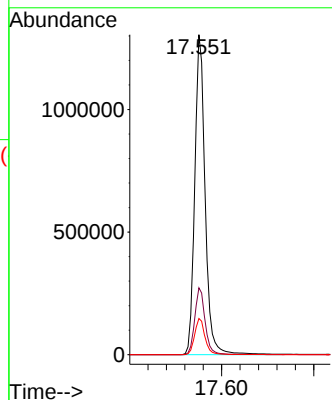
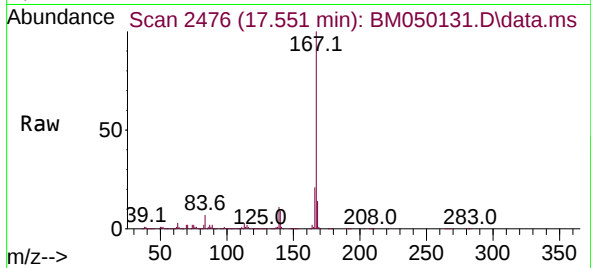




#73
 Carbazole
 Concen: 41.798 ng
 RT: 17.551 min Scan# 24
 Delta R.T. -0.018 min
 Lab File: BM050131.D
 Acq: 07 May 2025 11:14

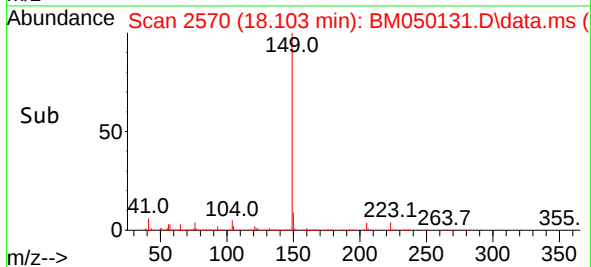
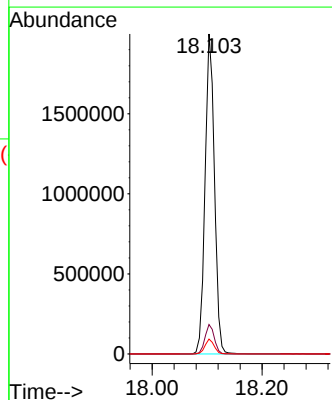
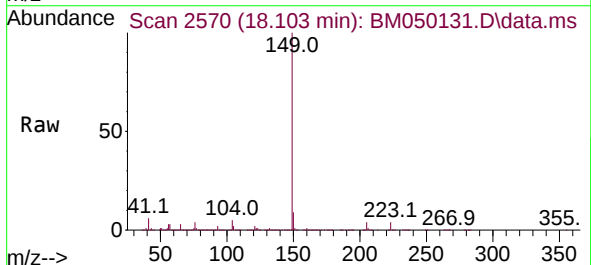
Instrument :
 BNA_M
 ClientSampleId :
 PB167879BS

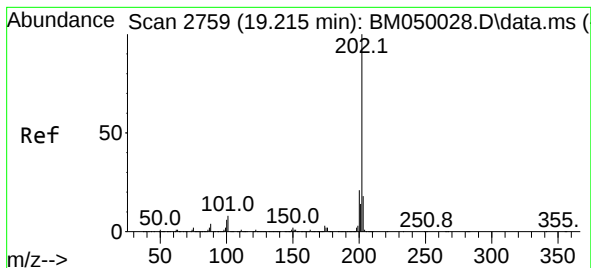
Tgt Ion:167 Resp: 2034446
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 11.3 9.0 13.6



#74
 Di-n-butylphthalate
 Concen: 40.778 ng
 RT: 18.103 min Scan# 2570
 Delta R.T. -0.018 min
 Lab File: BM050131.D
 Acq: 07 May 2025 11:14

Tgt Ion:149 Resp: 2363677
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 40.074 ng

RT: 19.203 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

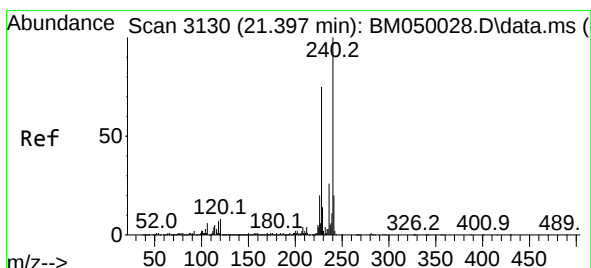
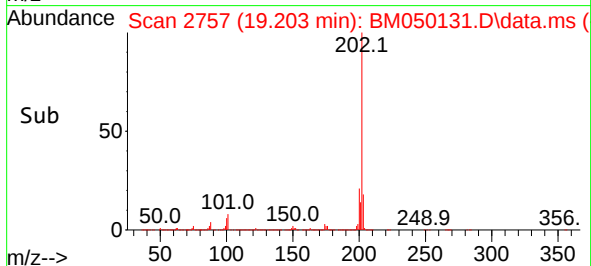
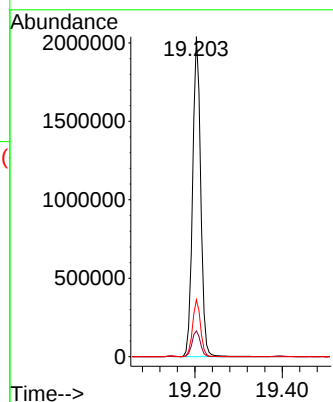
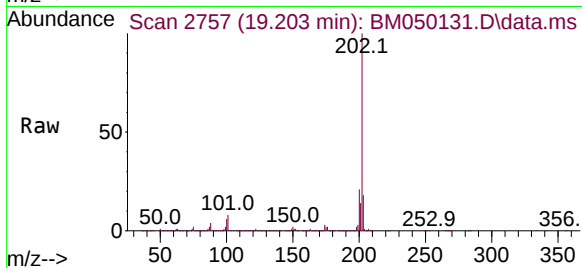
Tgt Ion:202 Resp: 2607808

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.0

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3128

Delta R.T. -0.011 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

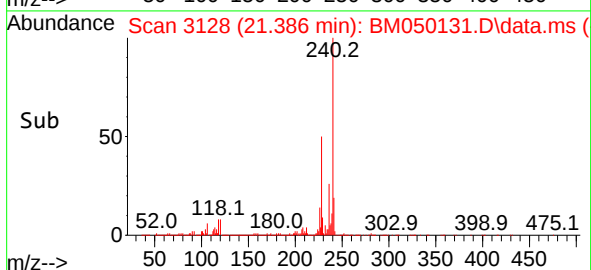
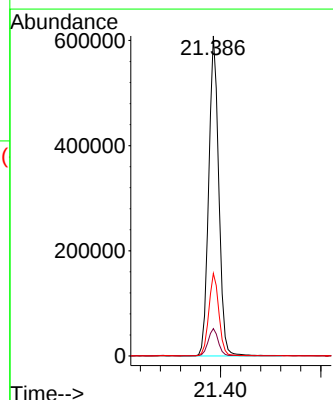
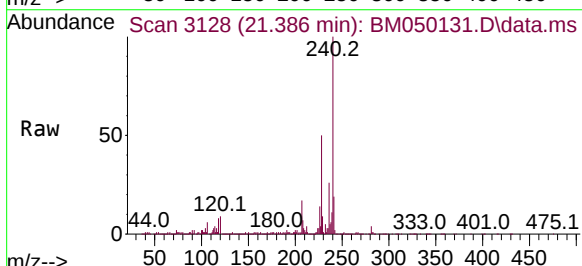
Tgt Ion:240 Resp: 848155

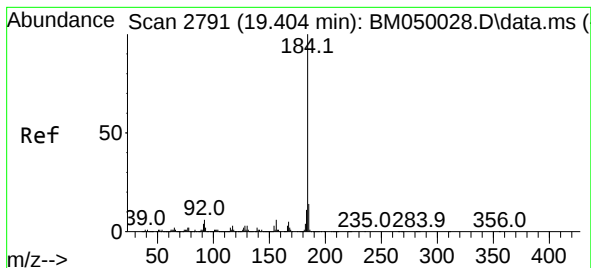
Ion Ratio Lower Upper

240 100

120 8.6 6.5 9.7

236 25.8 20.9 31.3





#77

Benzidine

Concen: 51.399 ng

RT: 19.392 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

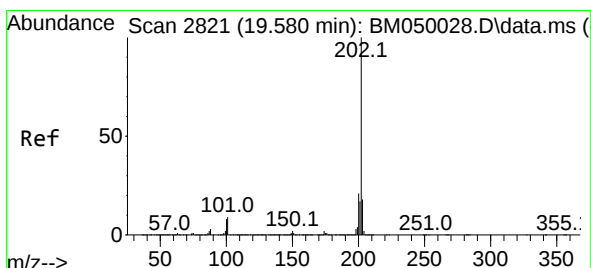
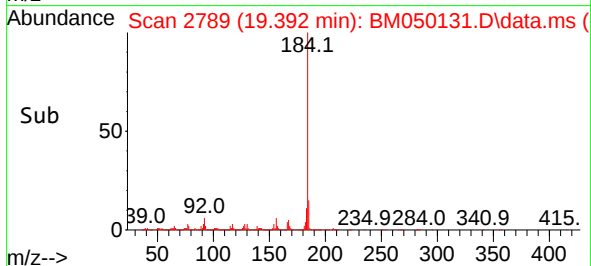
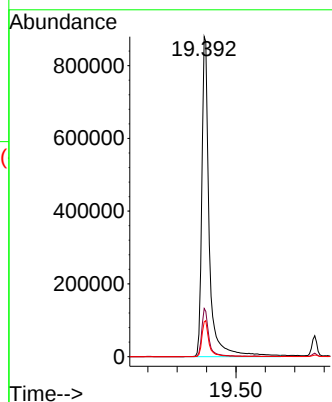
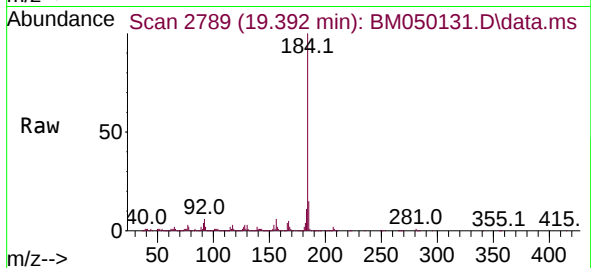
Tgt Ion:184 Resp: 1548497

Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 10.9 8.9 13.3



#78

Pyrene

Concen: 45.031 ng

RT: 19.568 min Scan# 2819

Delta R.T. -0.012 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

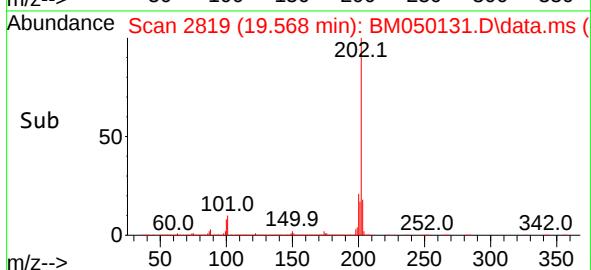
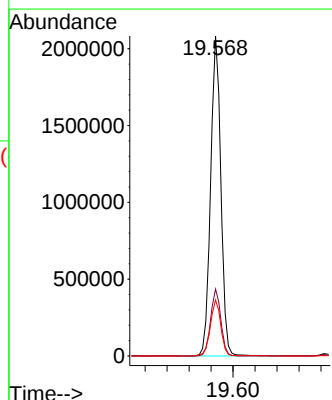
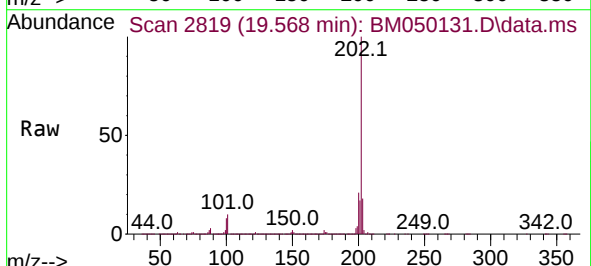
Tgt Ion:202 Resp: 2682067

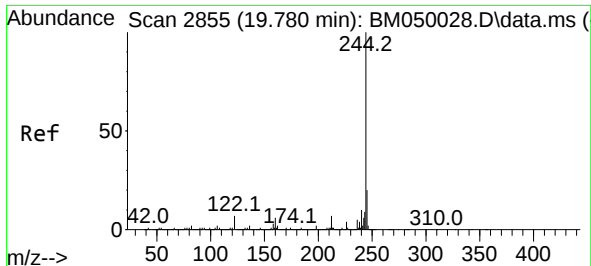
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.5 14.1 21.1

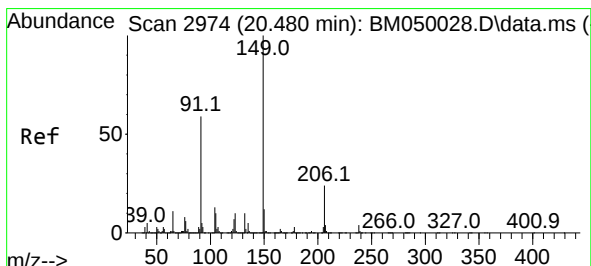
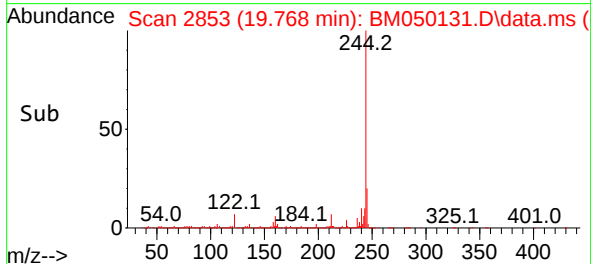
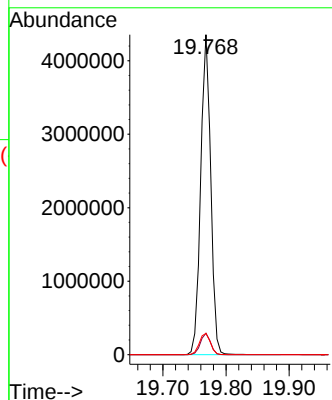
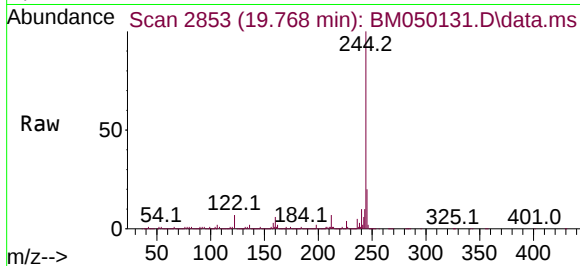




#79
 Terphenyl-d14
 Concen: 83.547 ng
 RT: 19.768 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050131.D
 Acq: 07 May 2025 11:14

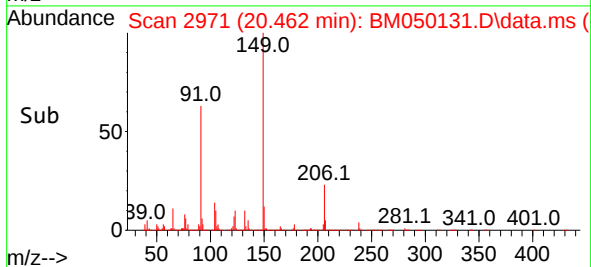
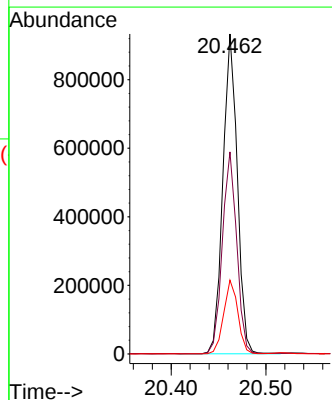
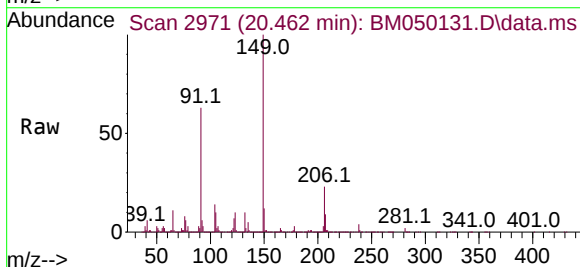
Instrument :
 BNA_M
 ClientSampleId :
 PB167879BS

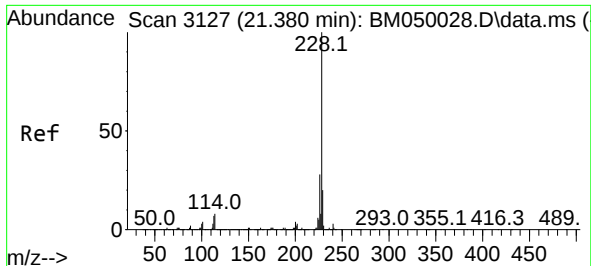
Tgt Ion:244 Resp: 4788720
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 6.6 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 44.258 ng
 RT: 20.462 min Scan# 2971
 Delta R.T. -0.018 min
 Lab File: BM050131.D
 Acq: 07 May 2025 11:14

Tgt Ion:149 Resp: 987283
 Ion Ratio Lower Upper
 149 100
 91 63.2 47.4 71.2
 206 23.1 19.4 29.0

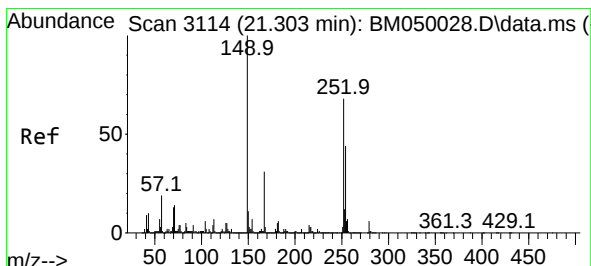
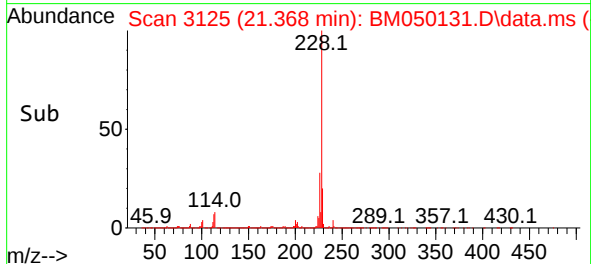
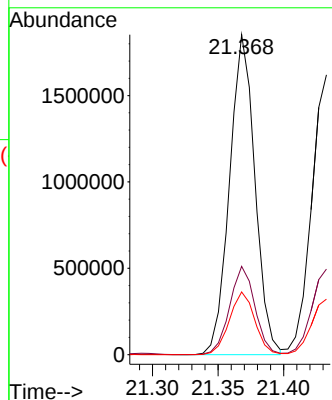
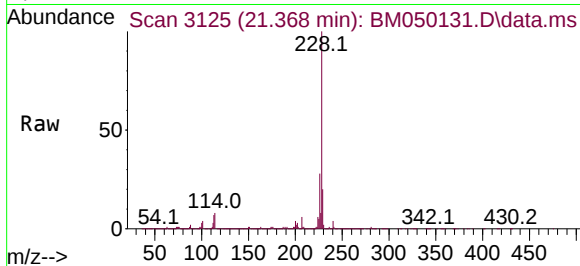




#81
Benzo(a)anthracene
Concen: 42.710 ng
RT: 21.368 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

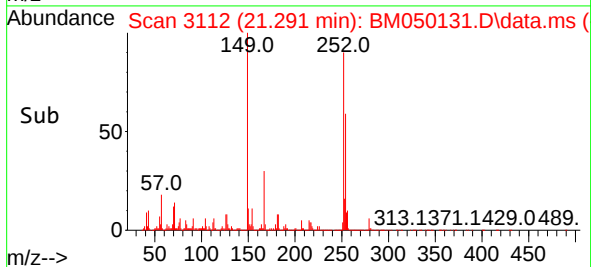
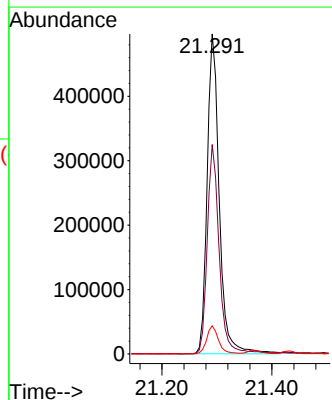
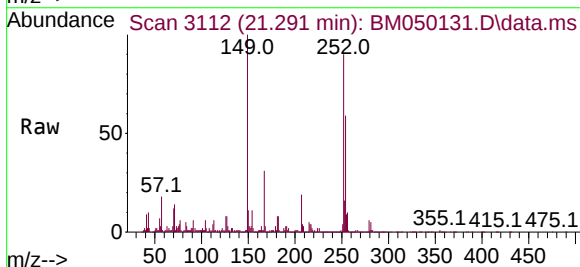
Instrument :
BNA_M
ClientSampleId :
PB167879BS

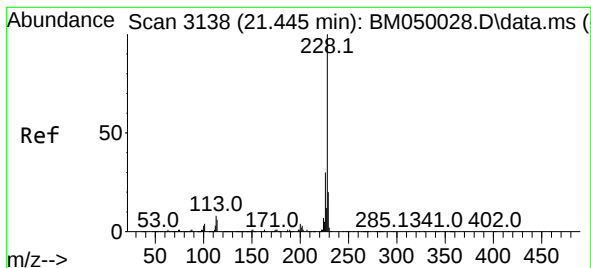
Tgt Ion:228 Resp: 2494523
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 33.812 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:252 Resp: 755984
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.6
126 8.8 6.0 9.0





#83

Chrysene

Concen: 42.567 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

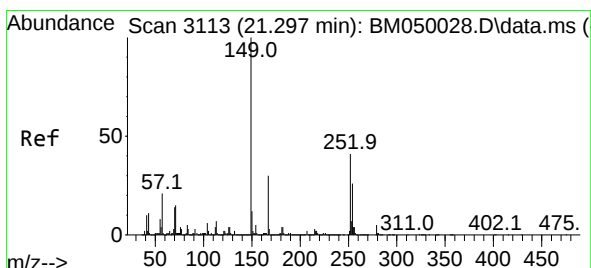
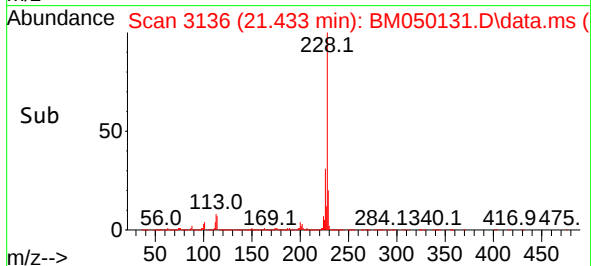
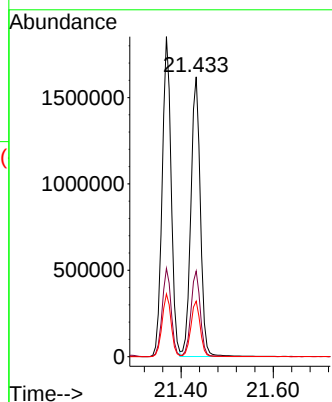
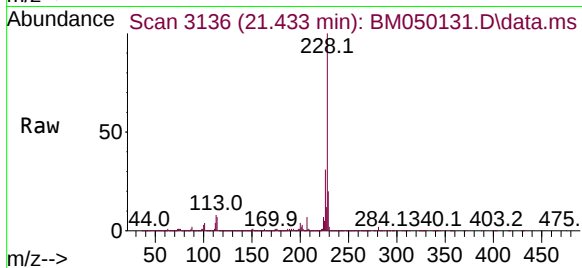
Tgt Ion:228 Resp: 2301038

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.559 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.018 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

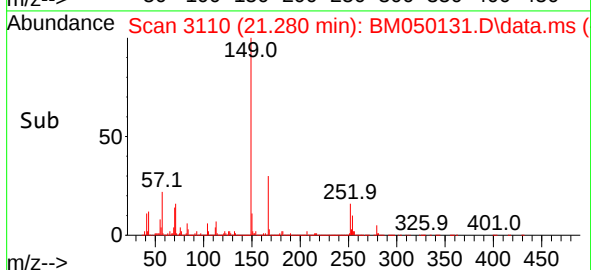
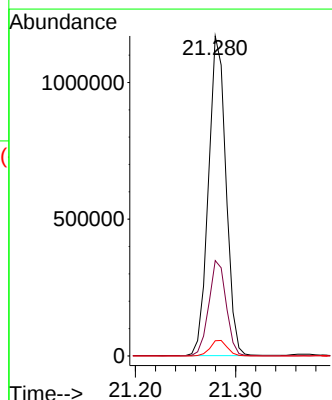
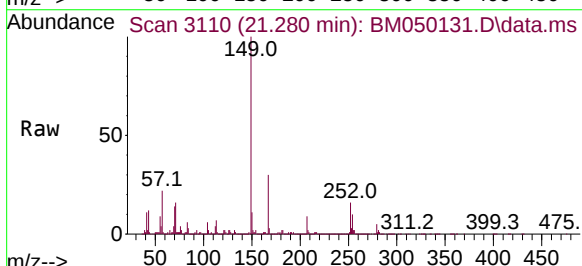
Tgt Ion:149 Resp: 1418057

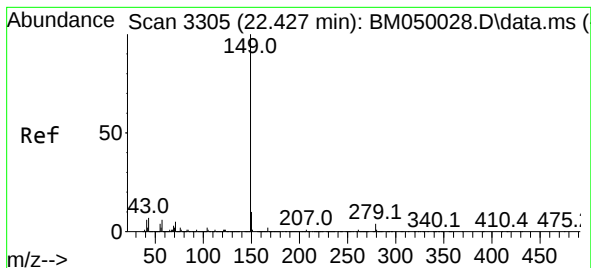
Ion Ratio Lower Upper

149 100

167 29.8 24.1 36.1

279 4.8 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.396 ng

RT: 22.409 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

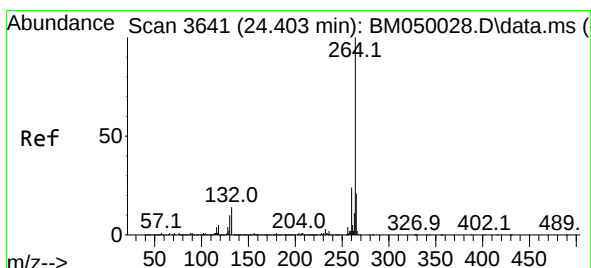
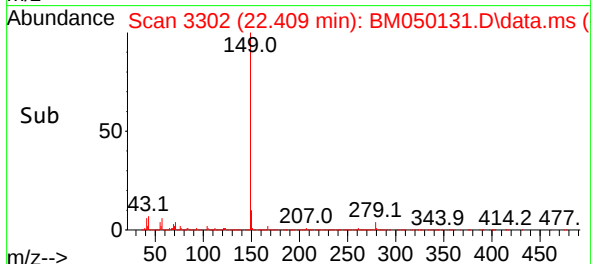
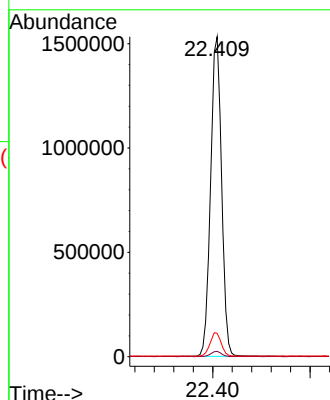
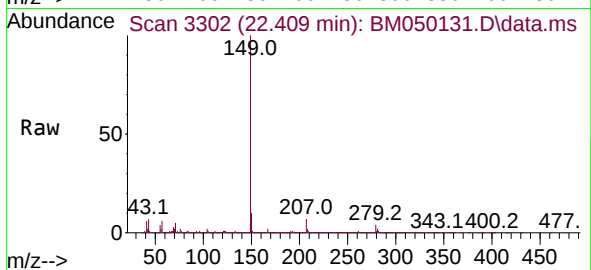
Tgt Ion:149 Resp: 2384587

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.4 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.379 min Scan# 3637

Delta R.T. -0.024 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

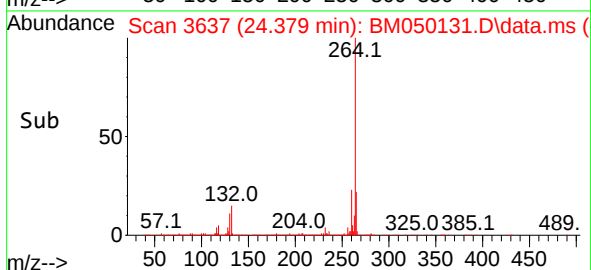
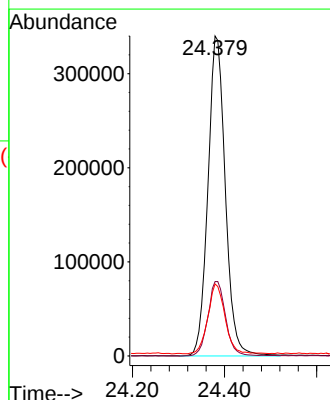
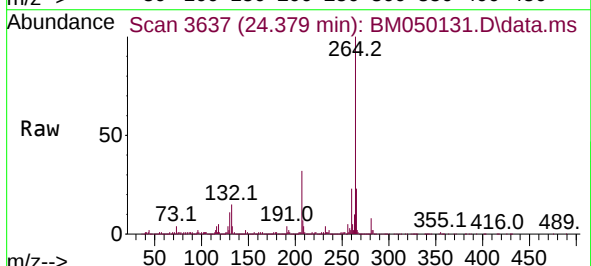
Tgt Ion:264 Resp: 892873

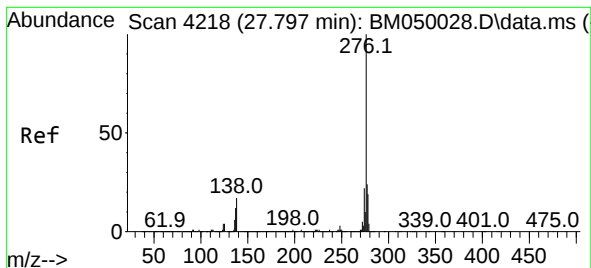
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 22.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.220 ng

RT: 27.767 min Scan# 41

Delta R.T. -0.030 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

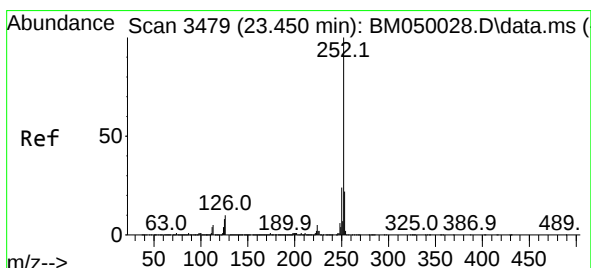
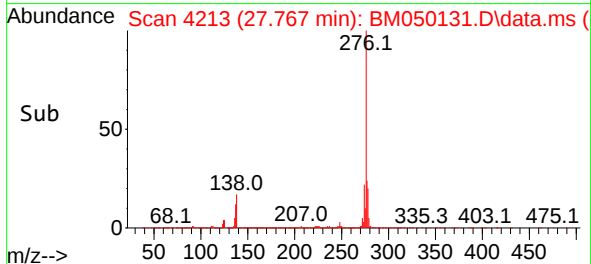
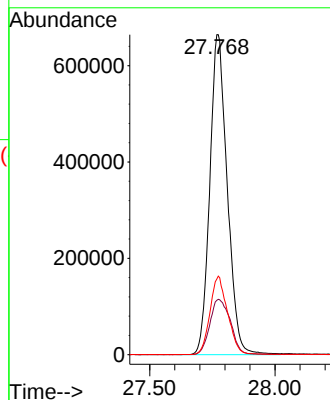
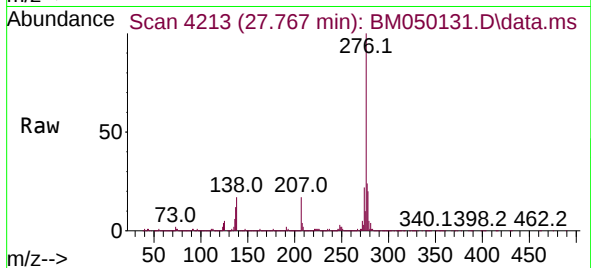
Tgt Ion:276 Resp: 3208095

Ion Ratio Lower Upper

276 100

138 20.4 16.4 24.6

277 24.7 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 41.074 ng

RT: 23.438 min Scan# 3477

Delta R.T. -0.012 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

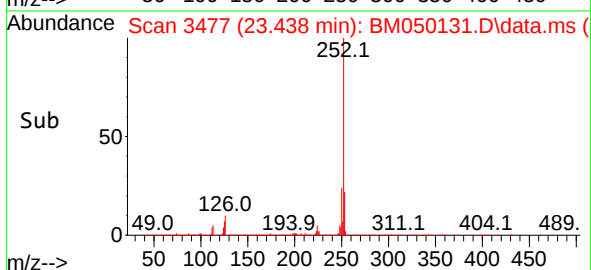
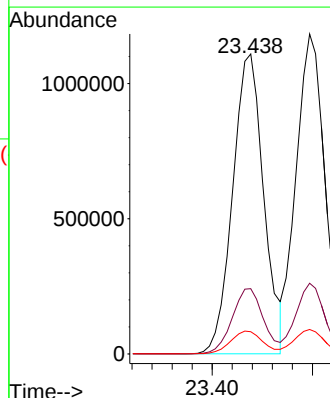
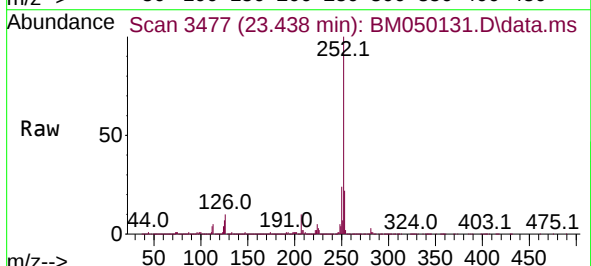
Tgt Ion:252 Resp: 2384996

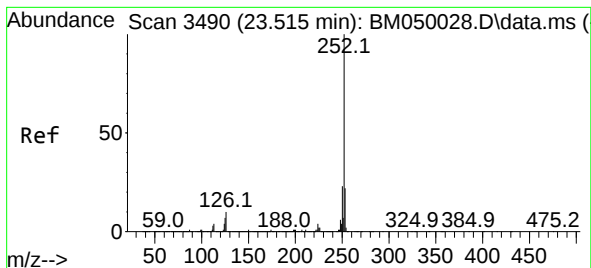
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 7.4 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 40.378 ng

RT: 23.497 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

Instrument :

BNA_M

ClientSampleId :

PB167879BS

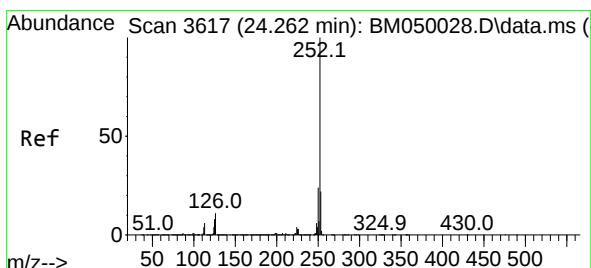
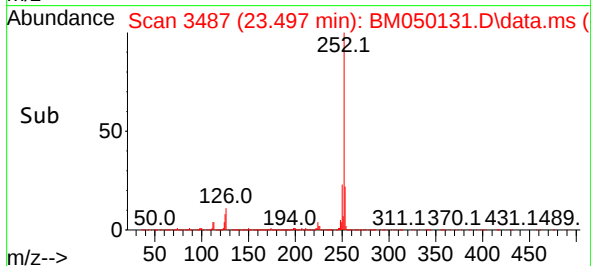
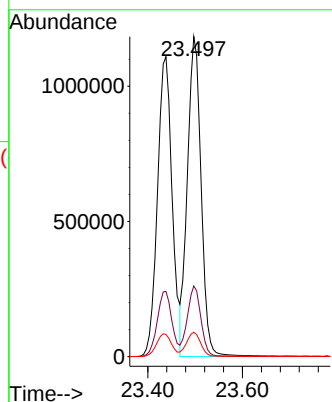
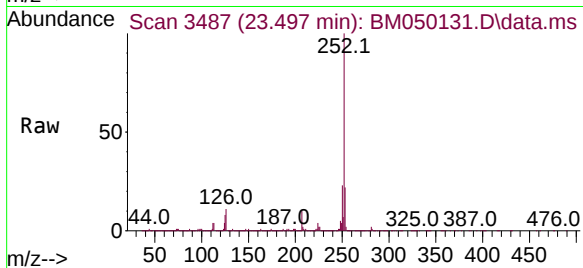
Tgt Ion:252 Resp: 2371605

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 7.7 5.8 8.8



#90

Benzo(a)pyrene

Concen: 42.447 ng

RT: 24.244 min Scan# 3614

Delta R.T. -0.018 min

Lab File: BM050131.D

Acq: 07 May 2025 11:14

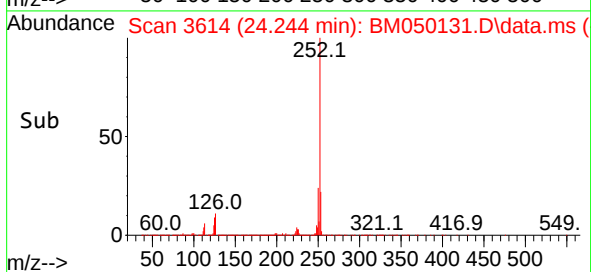
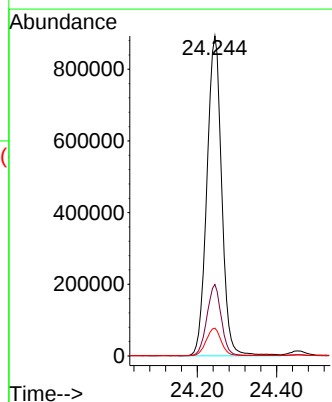
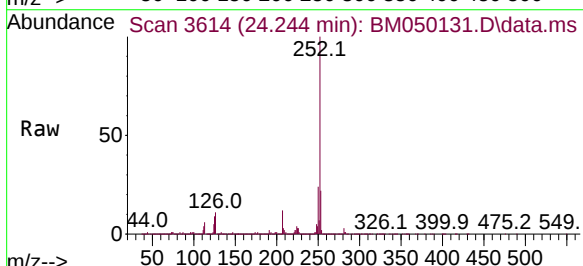
Tgt Ion:252 Resp: 2308474

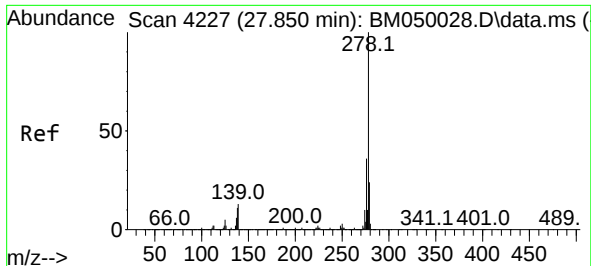
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.7 6.6 9.8

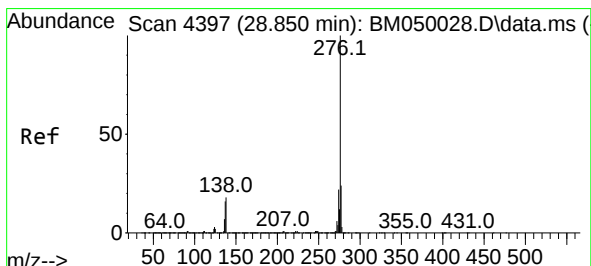
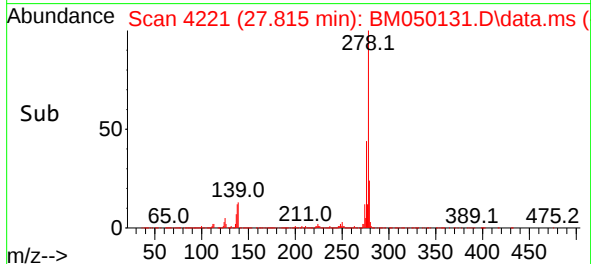
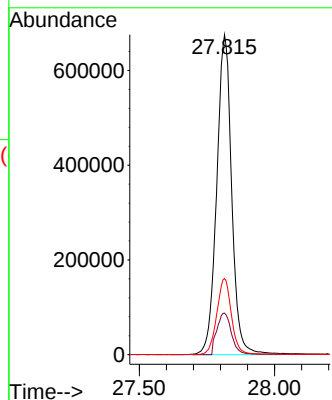
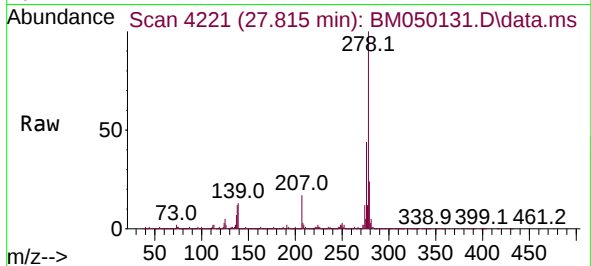




#91
Dibenzo(a,h)anthracene
Concen: 48.050 ng
RT: 27.815 min Scan# 41
Delta R.T. -0.035 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:278 Resp: 2605876
Ion Ratio Lower Upper
278 100
139 13.0 10.5 15.7
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 48.767 ng
RT: 28.826 min Scan# 4393
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:276 Resp: 2532040
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 18.2 14.3 21.5

