

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050064.D
 Acq On : 01 May 2025 14:43
 Operator : RC/JU
 Sample : PB167779BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167779BS

Quant Time: May 01 15:24:53 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	7.751	152	339452	20.000	ng	-0.02
21) Naphthalene-d8	10.545	136	1125326	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	664515	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1227379	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1219126	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1104893	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2750867	141.904	ng	0.00
7) Phenol-d6	6.945	99	3291918	135.109	ng	0.00
23) Nitrobenzene-d5	8.910	82	1972634	86.379	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1401142	142.599	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	4900655	87.243	ng	-0.02
79) Terphenyl-d14	19.768	244	7315200	88.790	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	324106	38.993	ng	96
3) Pyridine	3.657	79	906904	42.466	ng	96
4) n-Nitrosodimethylamine	3.575	42	376694	44.973	ng	98
6) Aniline	7.087	93	675837	21.967	ng	99
8) 2-Chlorophenol	7.328	128	919150	43.853	ng	98
9) Benzaldehyde	6.898	77	434002	26.618	ng	96
10) Phenol	6.969	94	1124630	45.595	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	902546	43.821	ng	98
12) 1,3-Dichlorobenzene	7.645	146	1101376	43.500	ng	100
13) 1,4-Dichlorobenzene	7.787	146	1110518	43.660	ng	99
14) 1,2-Dichlorobenzene	8.104	146	1056435	42.997	ng	99
15) Benzyl Alcohol	7.998	79	729976	43.202	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1110403	44.352	ng	99
17) 2-Methylphenol	8.210	107	698651	42.996	ng	99
18) Hexachloroethane	8.828	117	399371	44.169	ng	98
19) n-Nitroso-di-n-propyla...	8.563	70	598312	38.288	ng	99
20) 3+4-Methylphenols	8.539	107	929313	42.350	ng	98
22) Acetophenone	8.575	105	1305356	46.657	ng	# 98
24) Nitrobenzene	8.951	77	942517	47.731	ng	97
25) Isophorone	9.481	82	1687587	43.352	ng	98
26) 2-Nitrophenol	9.663	139	465611	46.156	ng	97
27) 2,4-Dimethylphenol	9.733	122	749898	44.825	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	1082910	45.008	ng	100
29) 2,4-Dichlorophenol	10.210	162	843978	45.032	ng	100
30) 1,2,4-Trichlorobenzene	10.410	180	1032540	45.219	ng	100
31) Naphthalene	10.592	128	2566661	45.037	ng	100
32) Benzoic acid	9.910	122	450544	42.109	ng	99
33) 4-Chloroaniline	10.716	127	427099	18.284	ng	99
34) Hexachlorobutadiene	10.880	225	660379	45.561	ng	99
35) Caprolactam	11.510	113	210388	38.500	ng	87
36) 4-Chloro-3-methylphenol	11.851	107	726282	41.945	ng	98
37) 2-Methylnaphthalene	12.210	142	1639055	42.898	ng	99
38) 1-Methylnaphthalene	12.427	142	1716193	42.443	ng	99
40) 1,2,4,5-Tetrachloroben...	12.580	216	1141673	49.630	ng	99
41) Hexachlorocyclopentadiene	12.563	237	1541222	109.633	ng	99
43) 2,4,6-Trichlorophenol	12.833	196	691076	47.365	ng	99

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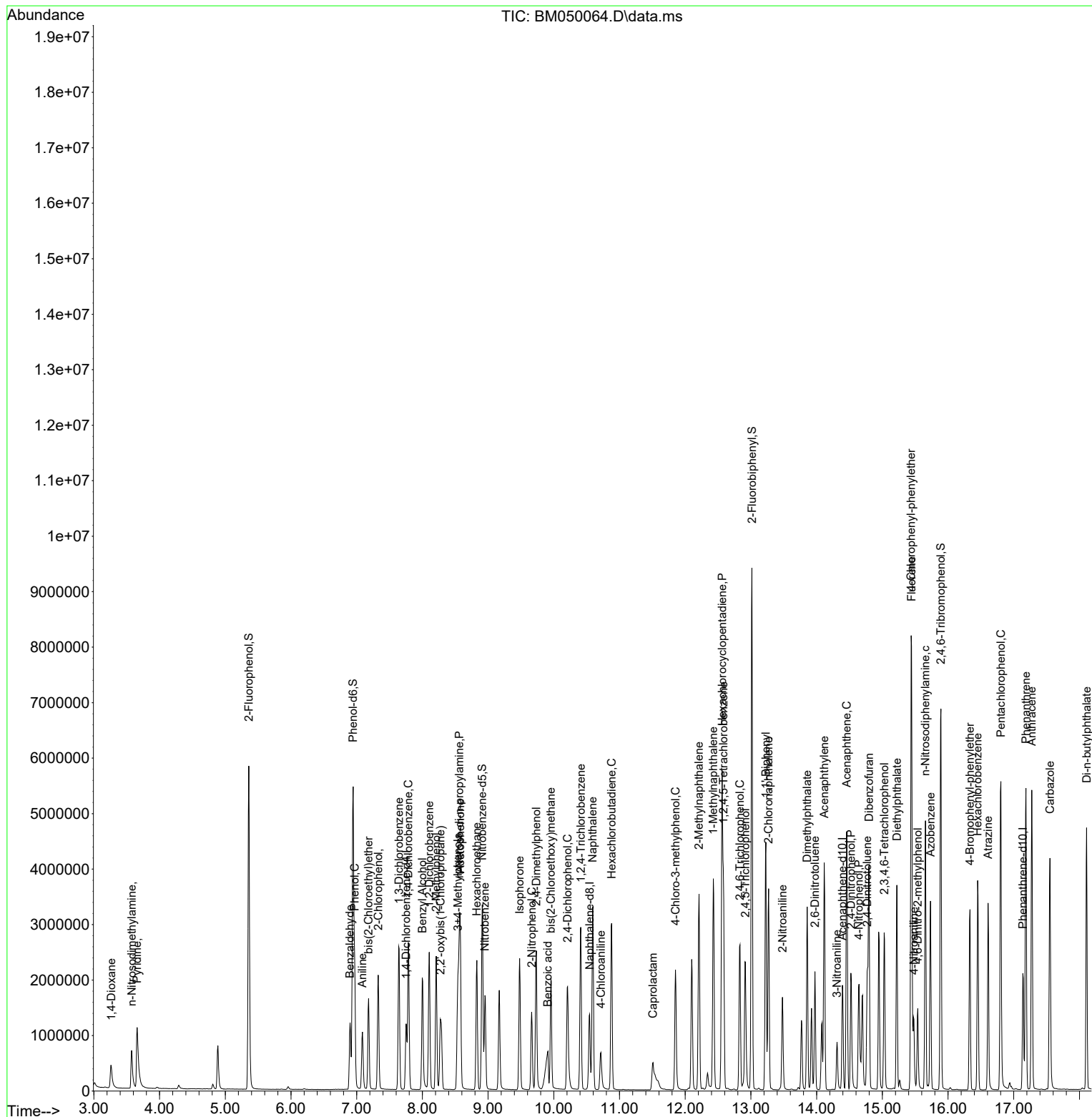
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	737586	46.880	ng	98
46) 1,1'-Biphenyl	13.227	154	2329469	47.158	ng	99
47) 2-Chloronaphthalene	13.269	162	1832486	46.840	ng	100
48) 2-Nitroaniline	13.480	65	446033	48.577	ng	95
49) Acenaphthylene	14.116	152	2817647	45.679	ng	99
50) Dimethylphthalate	13.857	163	2112431	43.498	ng	100
51) 2,6-Dinitrotoluene	13.974	165	450148	44.769	ng	94
52) Acenaphthene	14.457	154	1642526	46.003	ng	100
53) 3-Nitroaniline	14.310	138	231684	24.135	ng	96
54) 2,4-Dinitrophenol	14.521	184	552700	85.470	ng	96
55) Dibenzofuran	14.798	168	2676911	45.062	ng	100
56) 4-Nitrophenol	14.645	139	707032	89.936	ng	95
57) 2,4-Dinitrotoluene	14.768	165	637054	45.852	ng	96
58) Fluorene	15.445	166	2269556	46.675	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	608729	44.697	ng	99
60) Diethylphthalate	15.221	149	1964047	42.921	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1254179	46.960	ng	100
62) 4-Nitroaniline	15.480	138	399199	43.102	ng	97
63) Azobenzene	15.733	77	1802713	47.006	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	354286	46.113	ng	96
66) n-Nitrosodiphenylamine	15.657	169	1798532	47.719	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	695088	46.831	ng	97
68) Hexachlorobenzene	16.451	284	797047	46.587	ng	100
69) Atrazine	16.609	200	629300	46.289	ng	100
70) Pentachlorophenol	16.804	266	1076855	111.818	ng	99
71) Phenanthrene	17.186	178	3261083	47.108	ng	100
72) Anthracene	17.274	178	3324709	47.458	ng	100
73) Carbazole	17.551	167	2833553	46.612	ng	100
74) Di-n-butylphthalate	18.109	149	3296858	45.540	ng	100
75) Fluoranthene	19.203	202	3901183	48.000	ng	99
77) Benzidine	19.392	184	1303939	30.111	ng	100
78) Pyrene	19.568	202	4023852	47.002	ng	100
80) Butylbenzylphthalate	20.462	149	1409106	43.946	ng	91
81) Benzo(a)anthracene	21.368	228	3955177	47.112	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	796508	24.784	ng	100
83) Chrysene	21.427	228	3605282	46.400	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	2099844	43.844	ng	99
85) Di-n-octyl phthalate	22.409	149	3361210	42.556	ng	99
87) Indeno(1,2,3-cd)pyrene	27.756	276	3980042	48.344	ng	99
88) Benzo(b)fluoranthene	23.433	252	3519712	48.984	ng	100
89) Benzo(k)fluoranthene	23.491	252	3516759	48.385	ng	100
90) Benzo(a)pyrene	24.233	252	3256786	48.393	ng	99
91) Dibenzo(a,h)anthracene	27.797	278	3276826	48.827	ng	99
92) Benzo(g,h,i)perylene	28.797	276	3068716	47.762	ng	99

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

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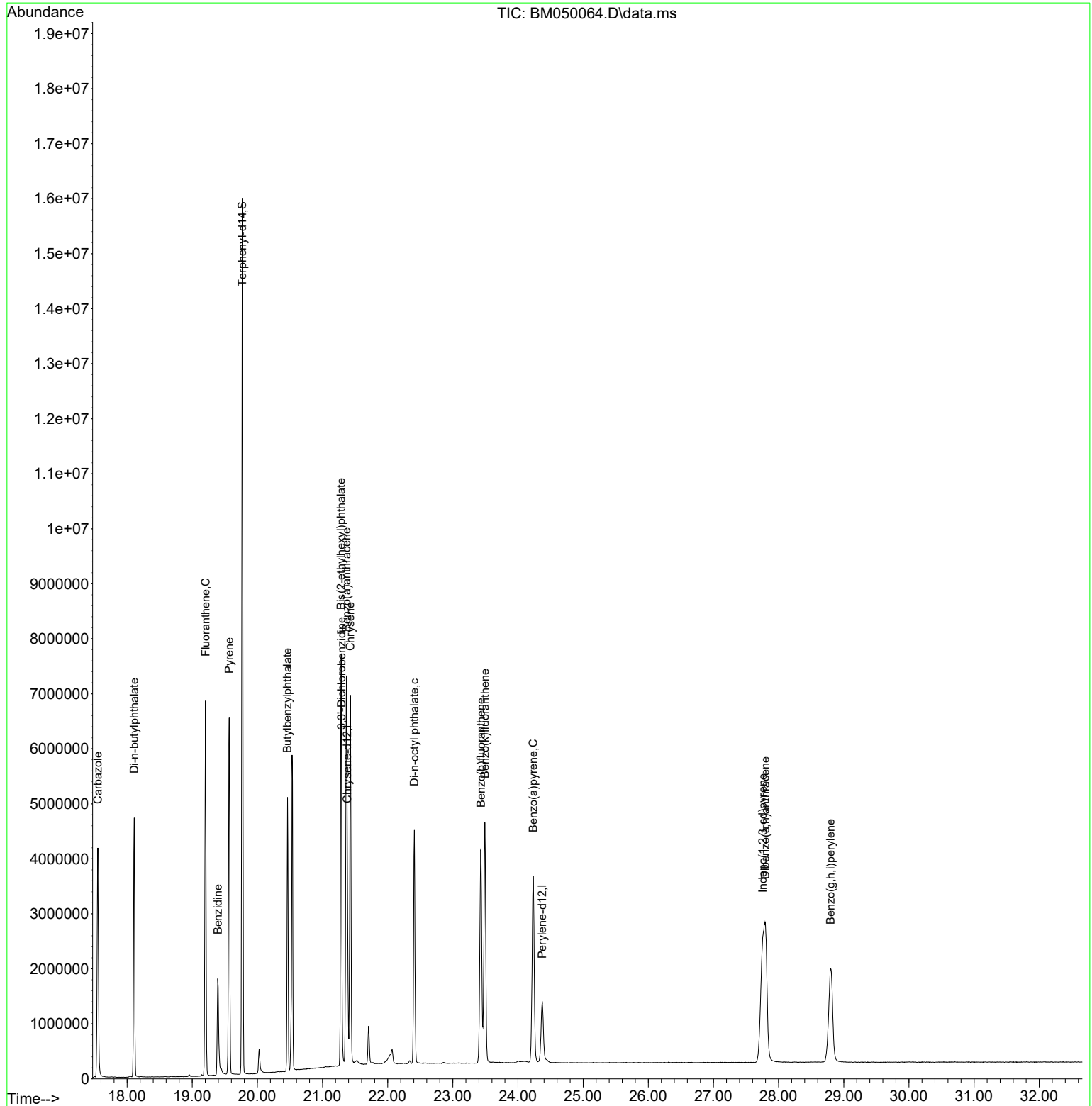
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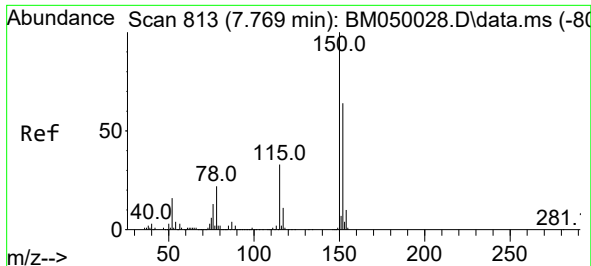


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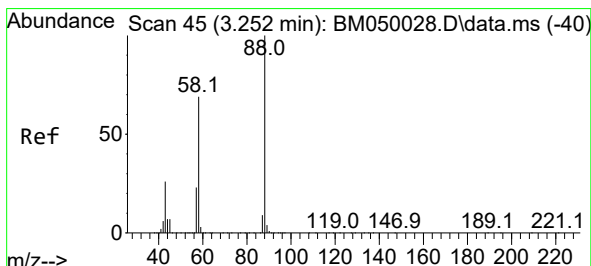
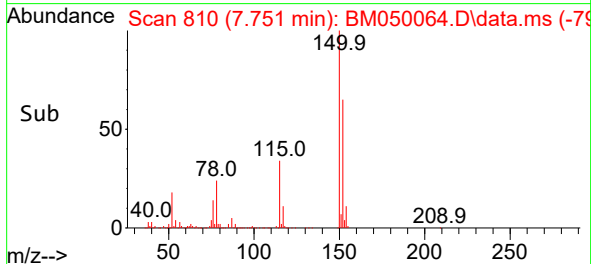
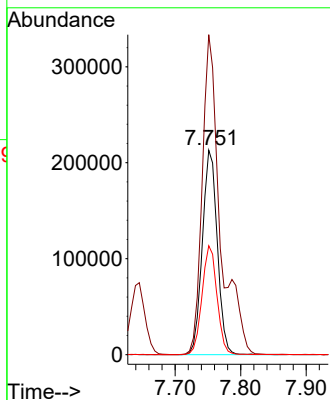
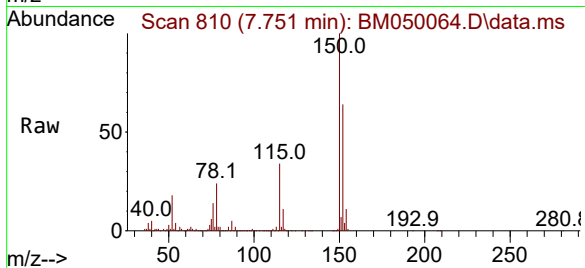




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

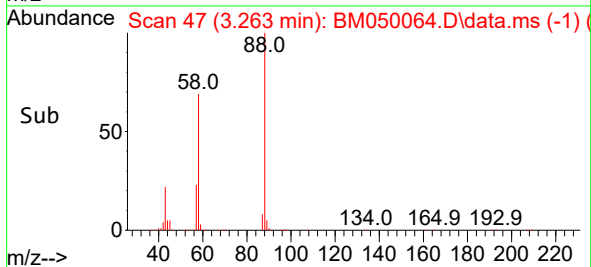
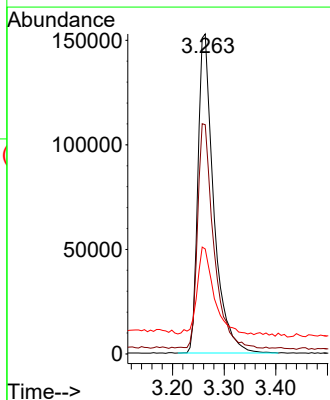
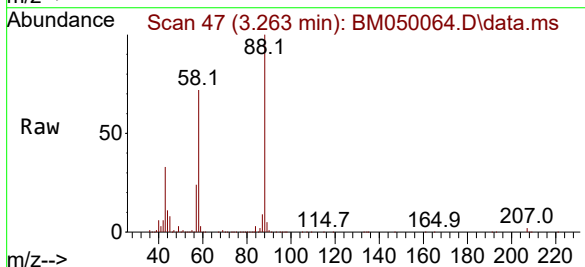
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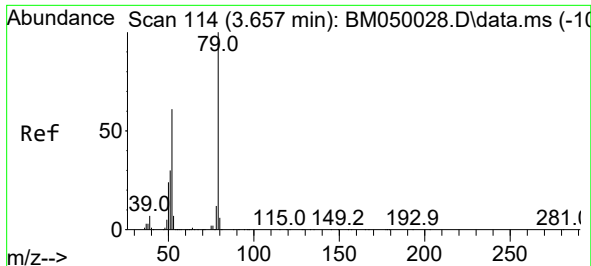
Tgt Ion:152 Resp: 339452
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 53.2 41.2 61.8



#2
1,4-Dioxane
Concen: 38.993 ng
RT: 3.263 min Scan# 47
Delta R.T. 0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 88 Resp: 324106
Ion Ratio Lower Upper
88 100
58 71.8 55.1 82.7
43 29.4 20.9 31.3

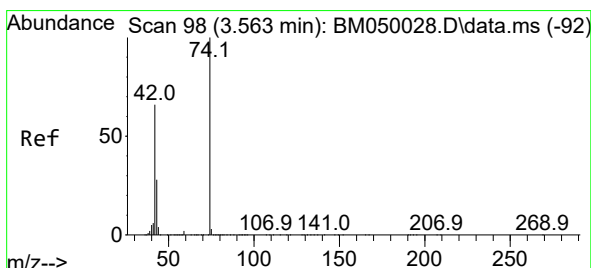
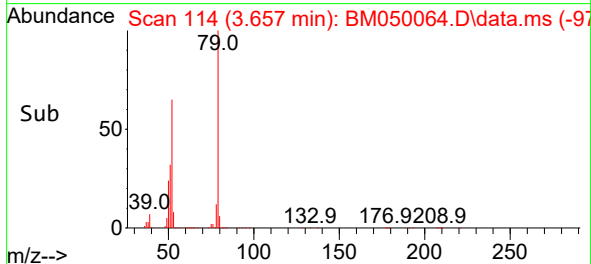
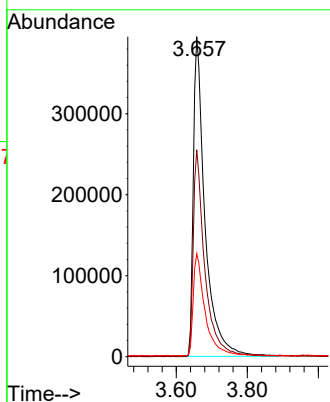
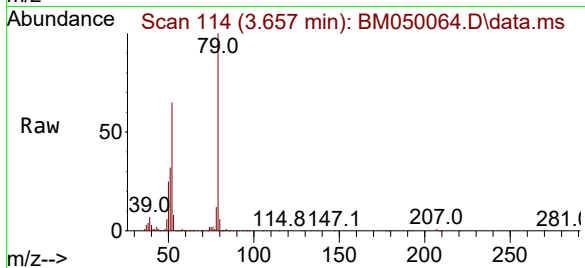




#3
Pyridine
Concen: 42.466 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

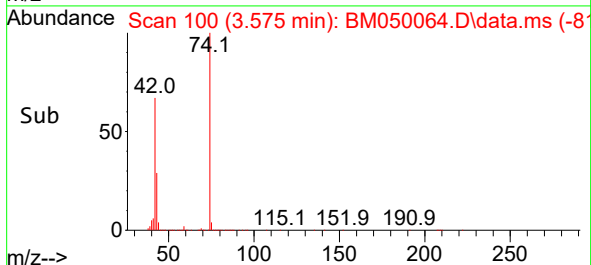
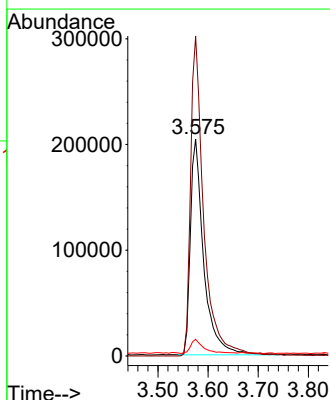
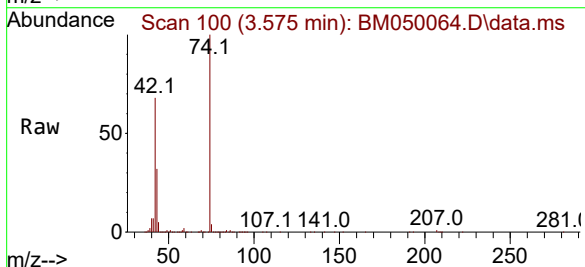
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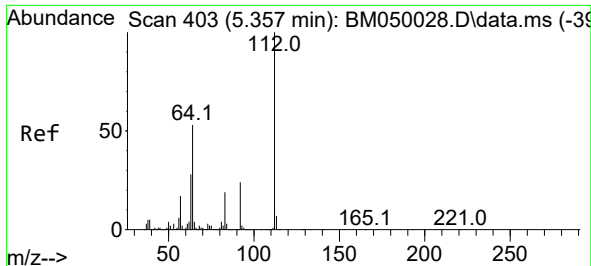
Tgt Ion: 79 Resp: 906904
Ion Ratio Lower Upper
79 100
52 64.7 48.6 72.8
51 32.1 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 44.973 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 42 Resp: 376694
Ion Ratio Lower Upper
42 100
74 147.5 120.2 180.2
44 7.7 6.2 9.2

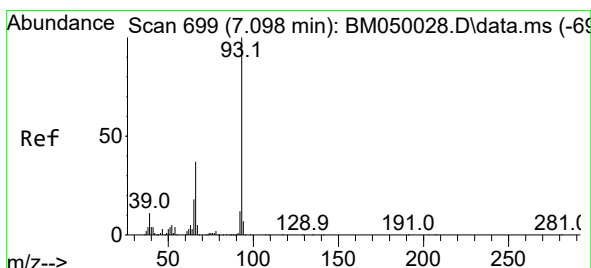
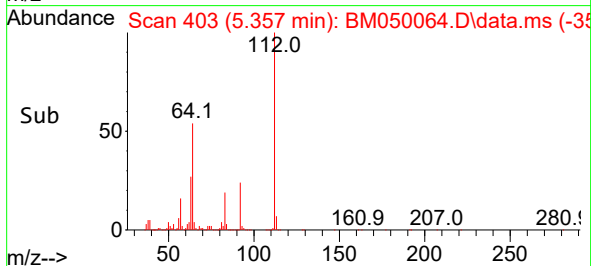
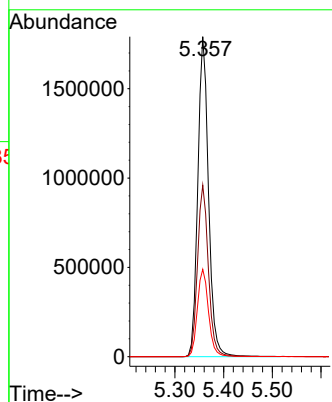
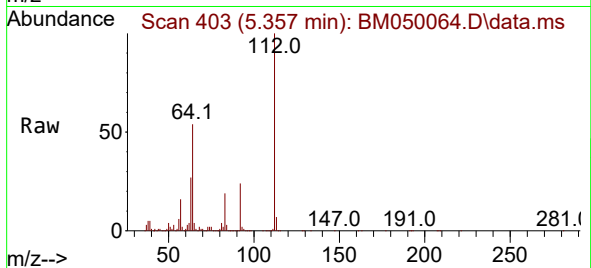




#5
2-Fluorophenol
Concen: 141.904 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

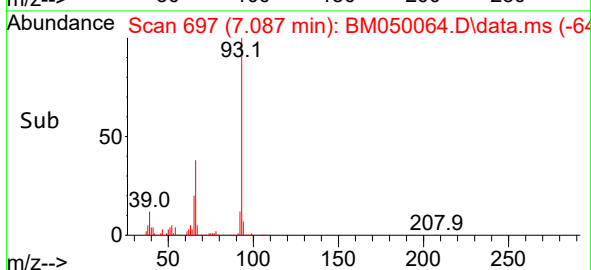
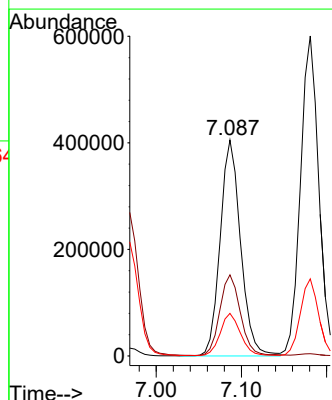
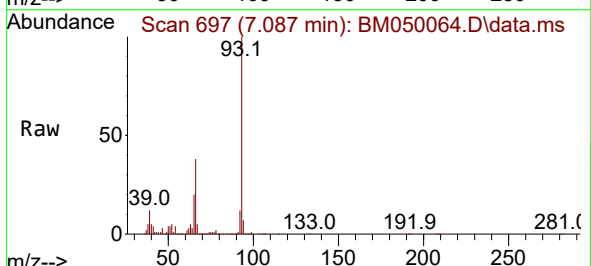
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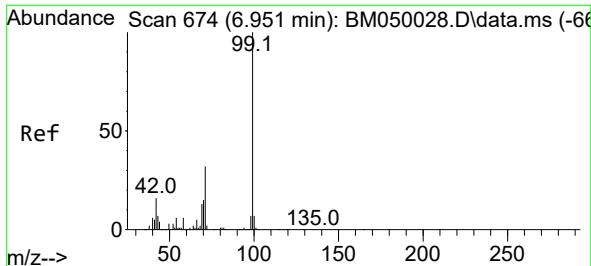
Tgt Ion:112 Resp: 2750867
Ion Ratio Lower Upper
112 100
64 53.6 42.6 64.0
63 27.3 22.2 33.4



#6
Aniline
Concen: 21.967 ng
RT: 7.087 min Scan# 697
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 93 Resp: 675837
Ion Ratio Lower Upper
93 100
66 37.6 29.9 44.9
65 19.7 14.5 21.7

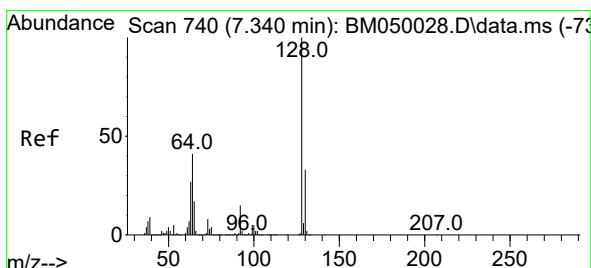
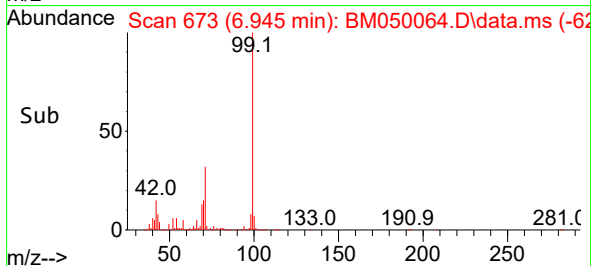
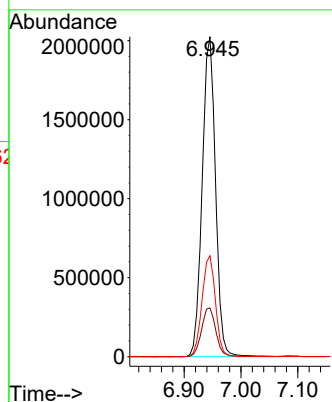
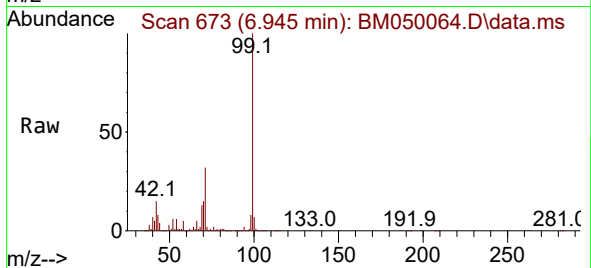




#7
Phenol-d6
Concen: 135.109 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050064.D
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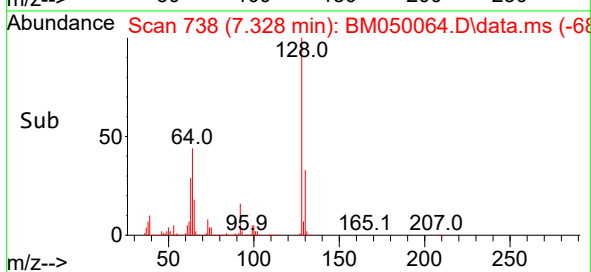
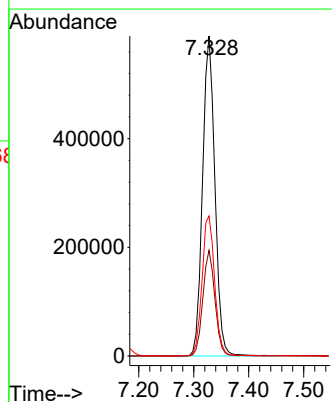
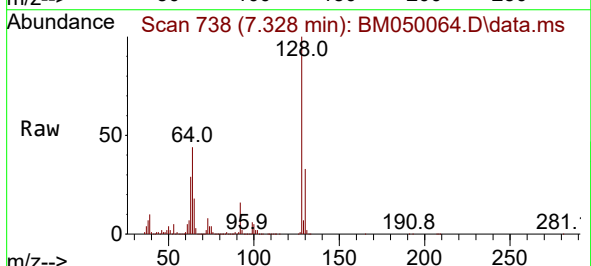
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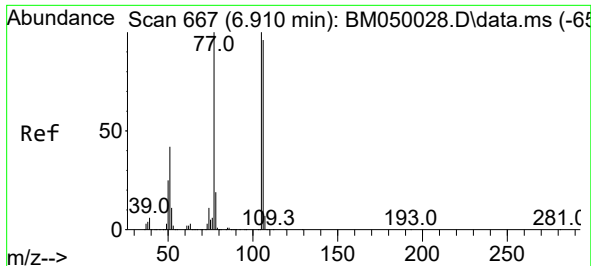
Tgt Ion: 99 Resp: 3291918
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 31.6 25.6 38.4



#8
2-Chlorophenol
Concen: 43.853 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.012 min
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Tgt Ion:128 Resp: 919150
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 43.7 21.2 61.2

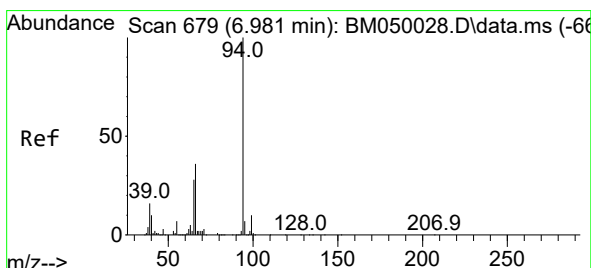
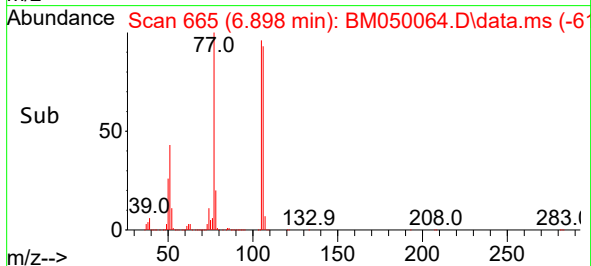
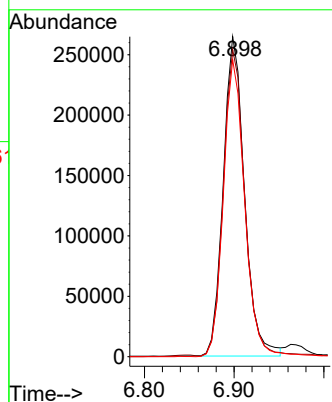
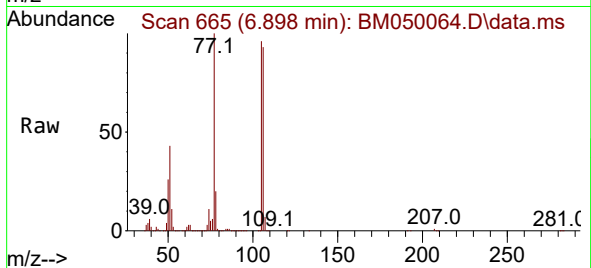




#9
Benzaldehyde
Concen: 26.618 ng
RT: 6.898 min Scan# 665
Delta R.T. -0.012 min
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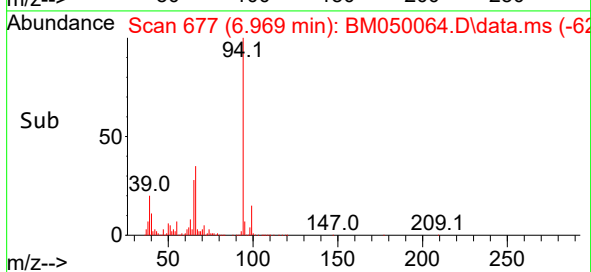
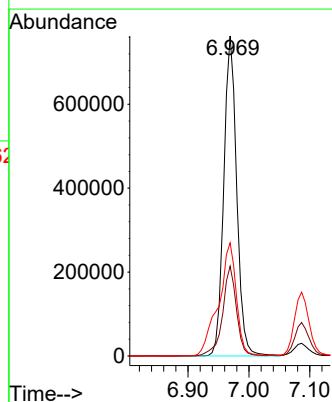
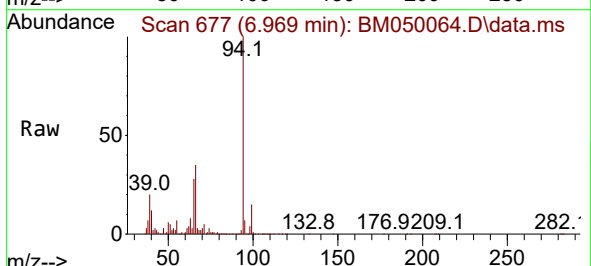
Instrument :
BNA_M
ClientSampleId :
PB167779BS

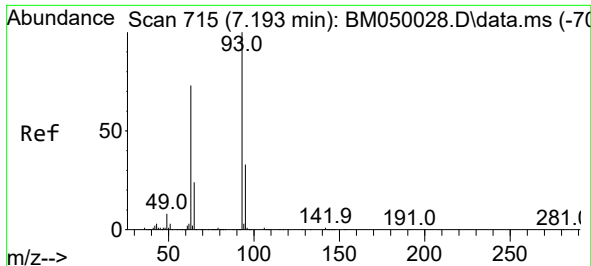
Tgt Ion: 77 Resp: 434002
Ion Ratio Lower Upper
77 100
105 95.9 80.5 120.5
106 92.8 76.1 116.1



#10
Phenol
Concen: 45.595 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 94 Resp: 1124630
Ion Ratio Lower Upper
94 100
65 28.1 7.6 47.6
66 35.3 15.8 55.8

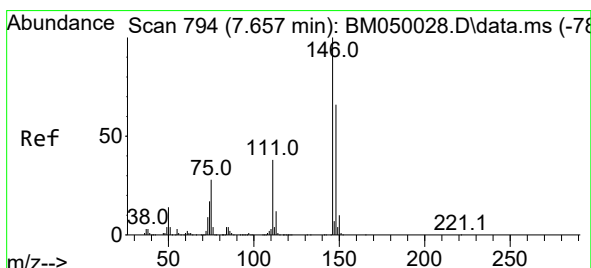
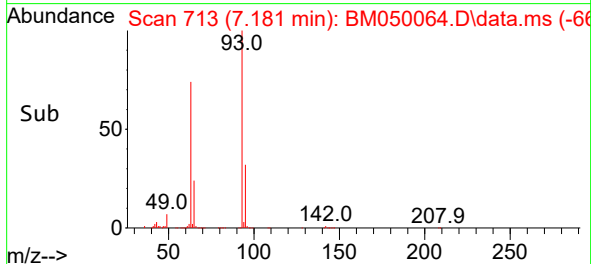
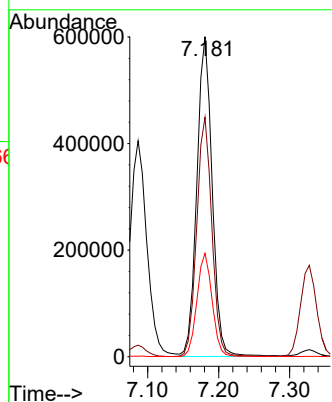
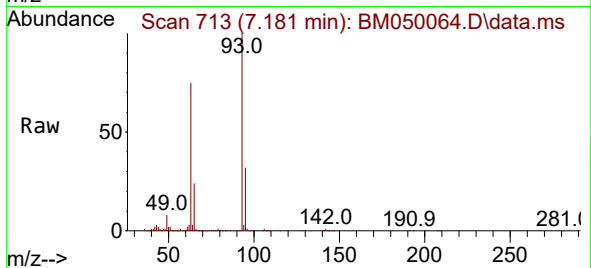




#11
bis(2-Chloroethyl)ether
Concen: 43.821 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

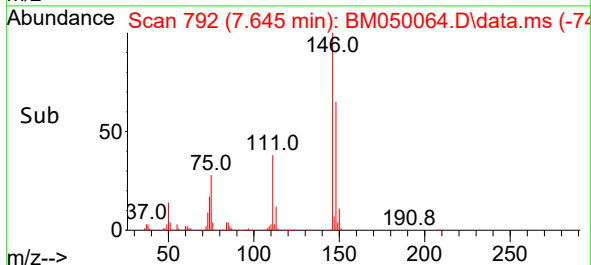
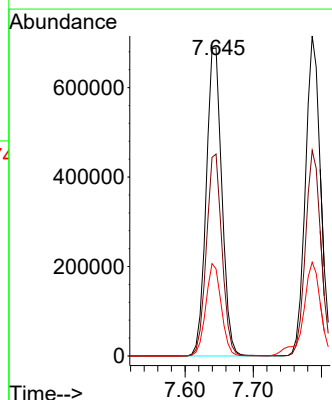
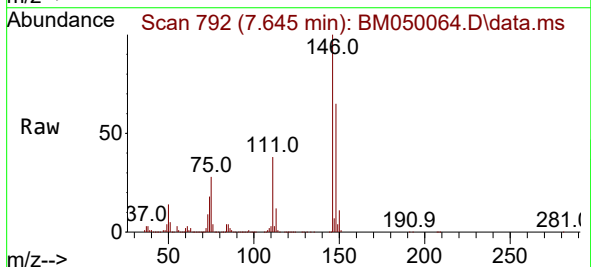
Instrument :
BNA_M
ClientSampleId :
PB167779BS

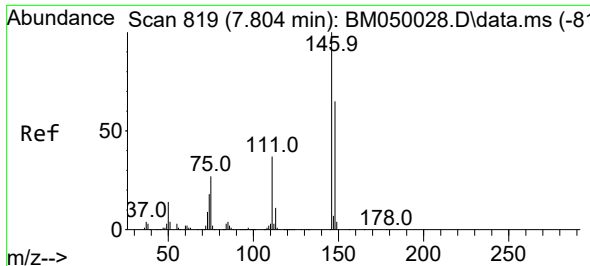
Tgt Ion: 93 Resp: 902546
Ion Ratio Lower Upper
93 100
63 74.8 52.3 92.3
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.500 ng
RT: 7.645 min Scan# 792
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:146 Resp: 1101376
Ion Ratio Lower Upper
146 100
148 65.5 52.5 78.7
75 28.3 22.6 34.0

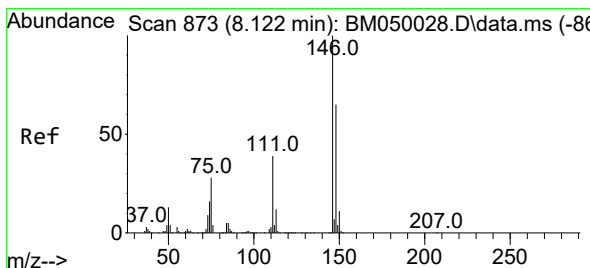
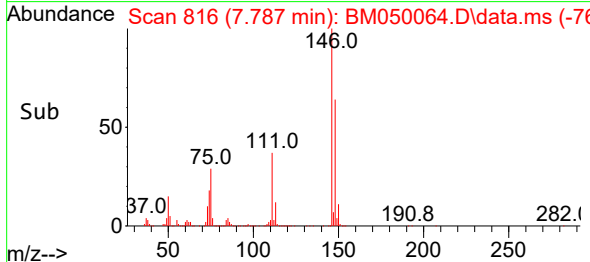
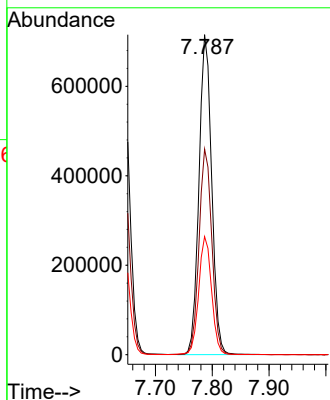
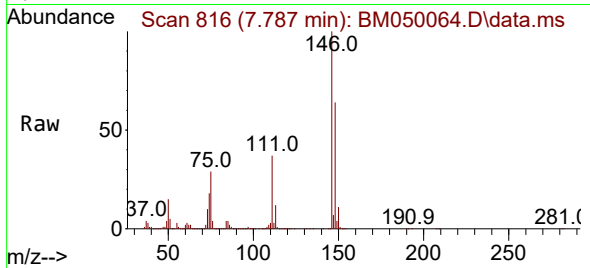




#13
1,4-Dichlorobenzene
Concen: 43.660 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

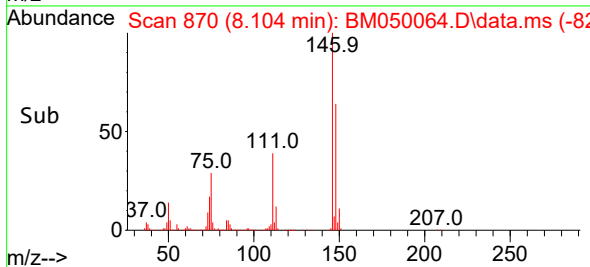
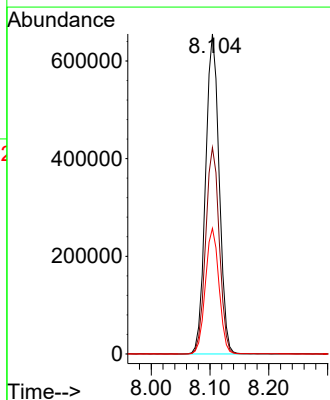
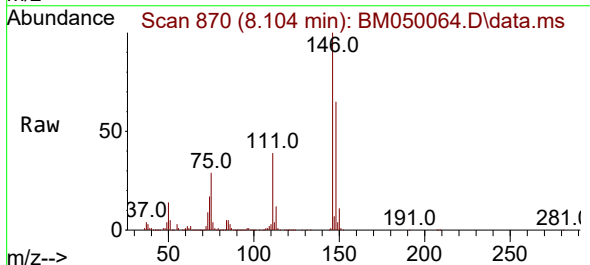
Instrument :
BNA_M
ClientSampleId :
PB167779BS

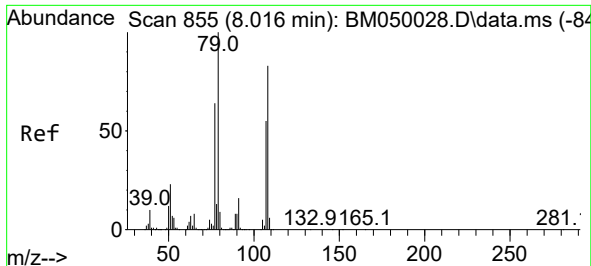
Tgt Ion:146 Resp: 1110518
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.2
111 36.9 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 42.997 ng
RT: 8.104 min Scan# 870
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:146 Resp: 1056435
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
111 39.3 31.0 46.6

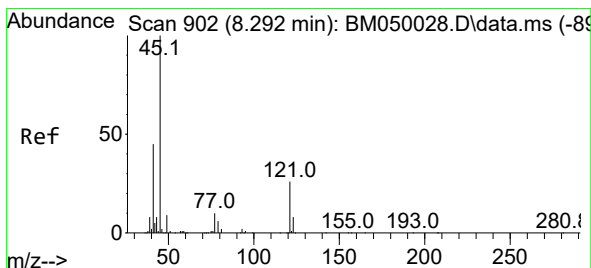
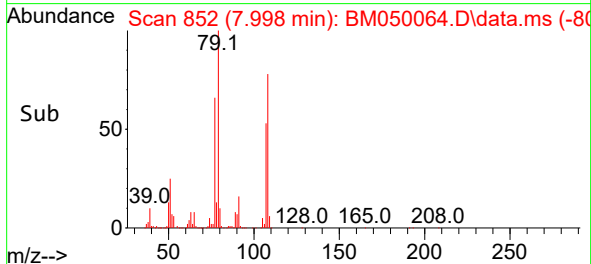
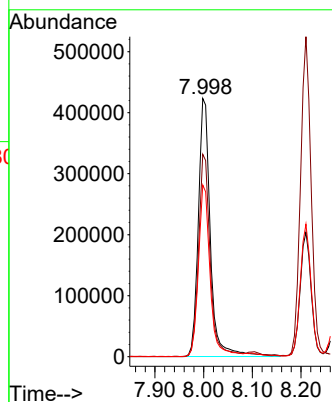
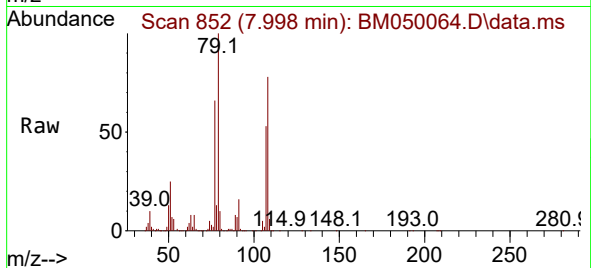




#15
Benzyl Alcohol
Concen: 43.202 ng
RT: 7.998 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

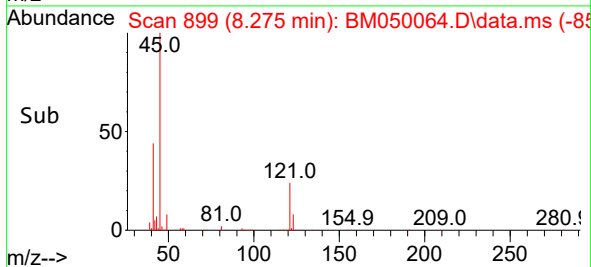
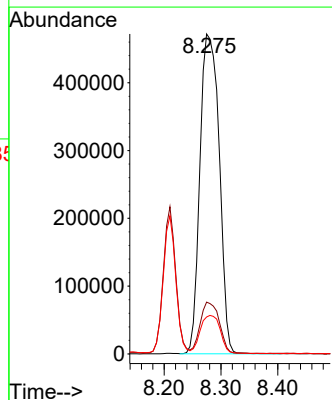
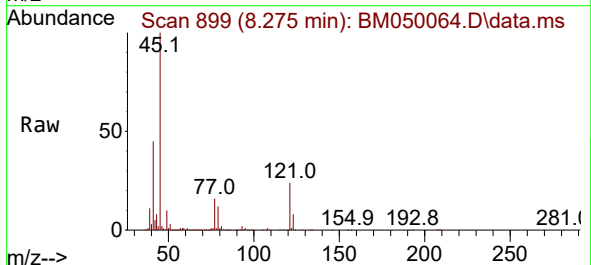
Instrument :
BNA_M
ClientSampleId :
PB167779BS

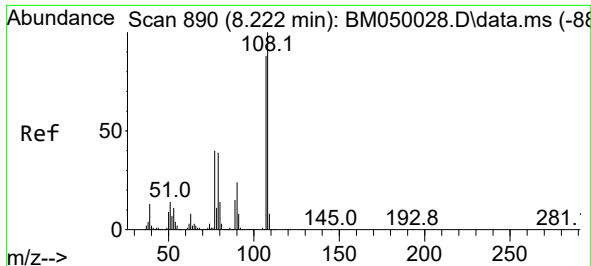
Tgt Ion: 79 Resp: 729976
Ion Ratio Lower Upper
79 100
108 78.4 66.0 99.0
77 66.5 51.6 77.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.352 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

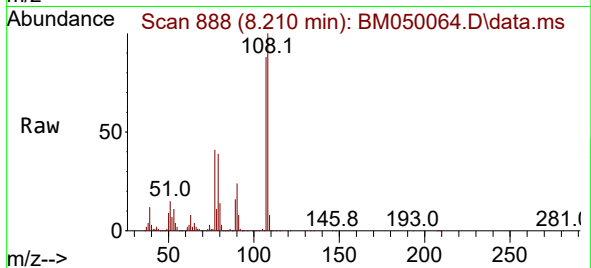
Tgt Ion: 45 Resp: 1110403
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.4
79 11.6 0.0 32.7



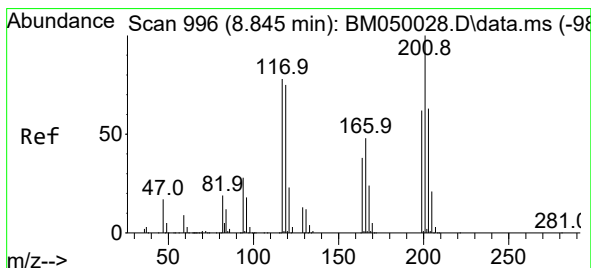
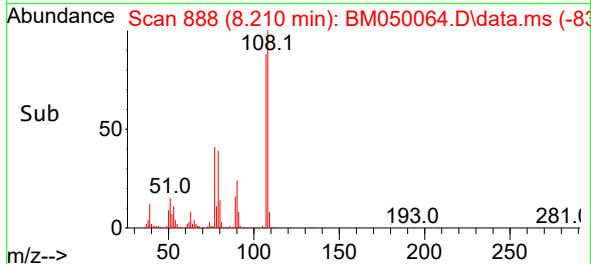
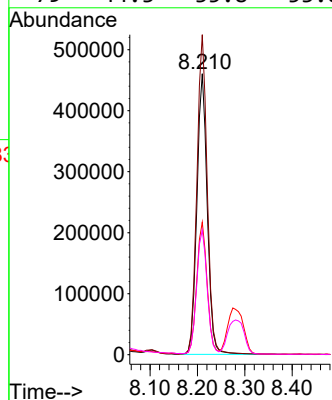


#17
2-Methylphenol
Concen: 42.996 ng
RT: 8.210 min Scan# 890
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Instrument :
BNA_M
ClientSampleId :
PB167779BS

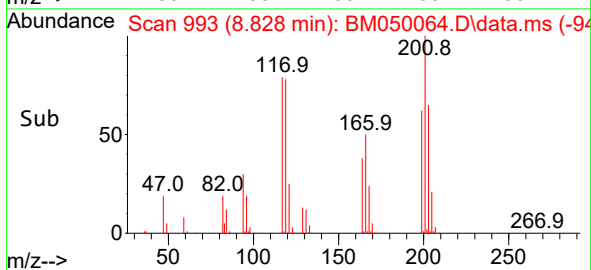
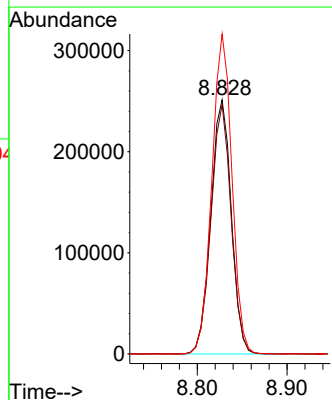
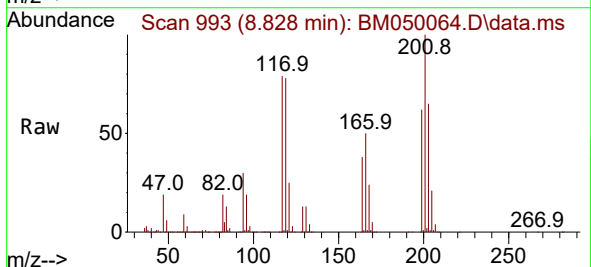


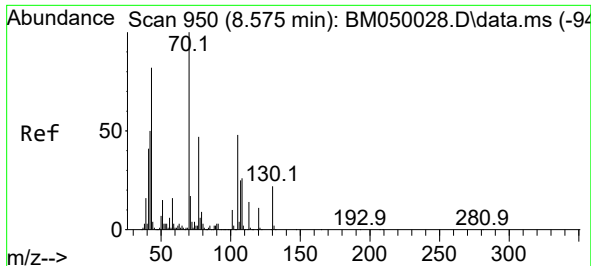
Tgt Ion:	107	Resp:	698651
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	47.1	36.2	54.4
79	44.3	35.8	53.8



#18
Hexachloroethane
Concen: 44.169 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:	117	Resp:	399371
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.3	115.9
201	125.9	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.288 ng

RT: 8.563 min Scan# 94

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

Tgt Ion: 70 Resp: 598312

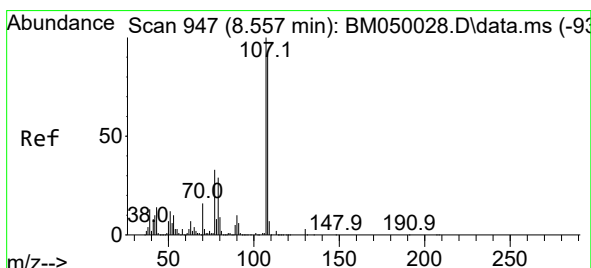
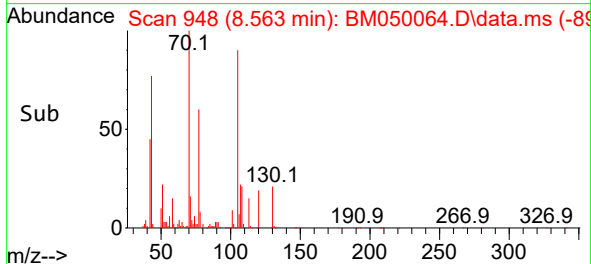
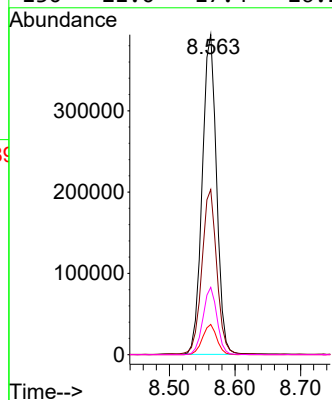
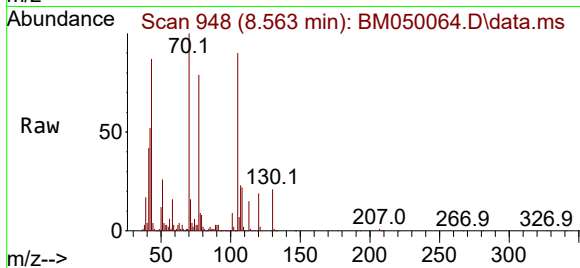
Ion Ratio Lower Upper

70 100

42 51.6 40.5 60.7

101 9.4 7.8 11.6

130 21.0 17.4 26.2



#20

3+4-Methylphenols

Concen: 42.350 ng

RT: 8.539 min Scan# 944

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Tgt Ion: 107 Resp: 929313

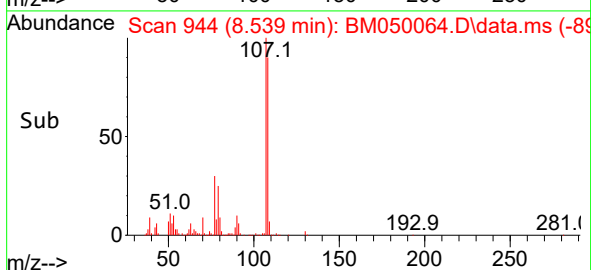
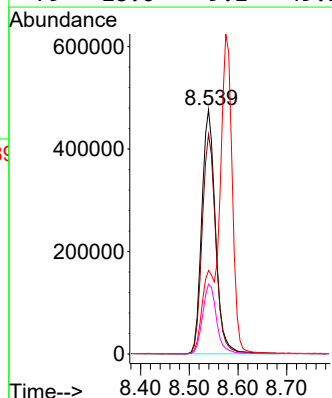
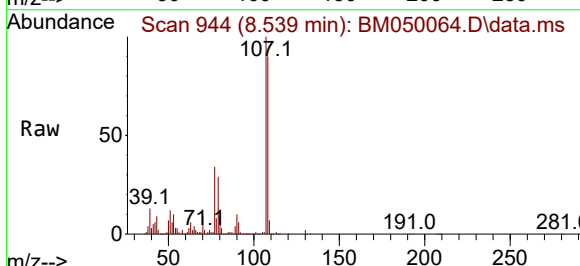
Ion Ratio Lower Upper

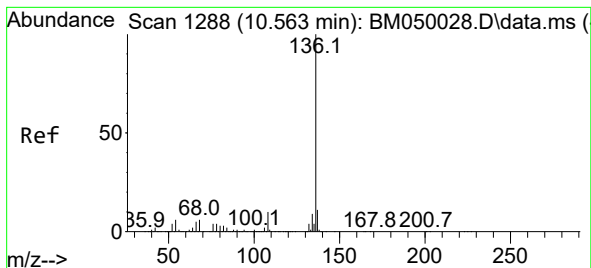
107 100

108 89.9 72.4 112.4

77 34.1 13.6 53.6

79 28.6 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.545 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

Tgt Ion:136 Resp: 1125326

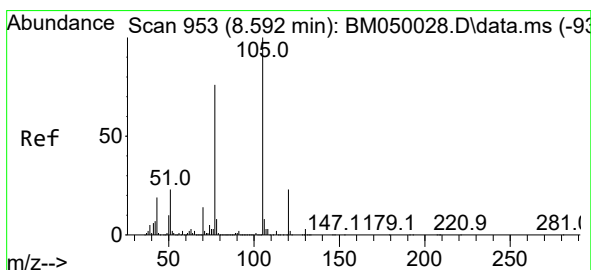
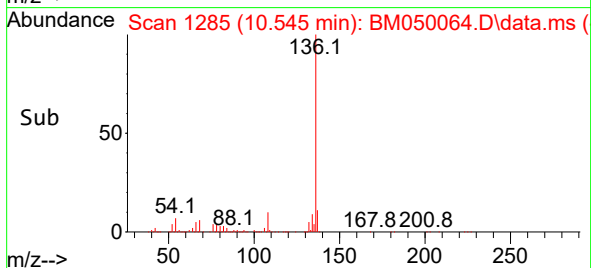
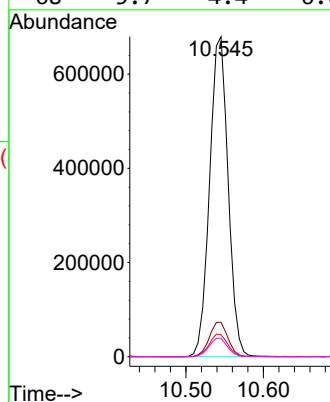
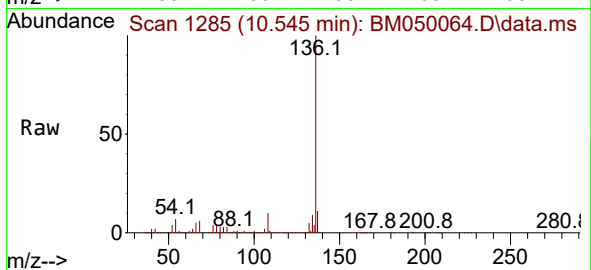
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.9 5.1 7.7

68 5.7 4.4 6.6



#22

Acetophenone

Concen: 46.657 ng

RT: 8.575 min Scan# 950

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Tgt Ion:105 Resp: 1305356

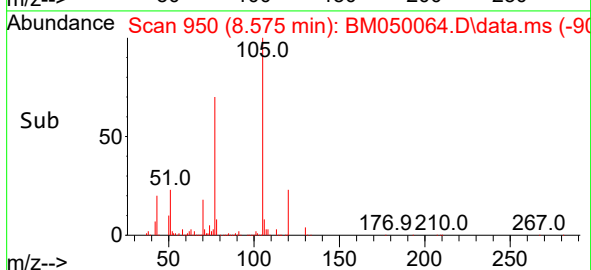
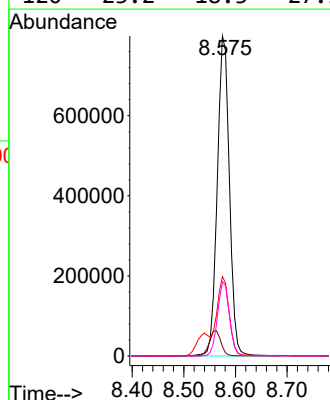
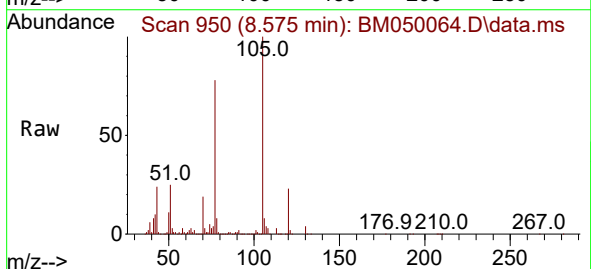
Ion Ratio Lower Upper

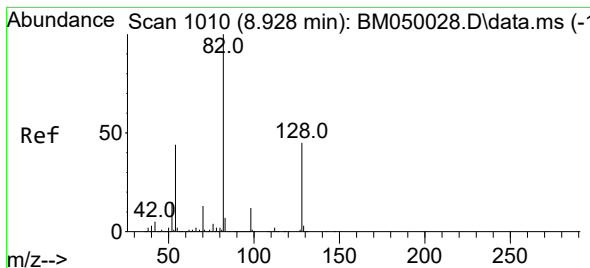
105 100

71 3.0 1.7 2.5

51 24.8 18.6 27.8

120 23.2 18.3 27.5





#23

Nitrobenzene-d5

Concen: 86.379 ng

RT: 8.910 min Scan# 1007

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

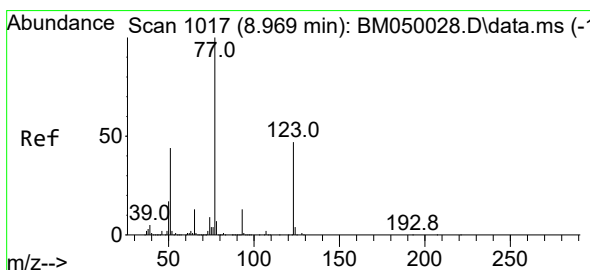
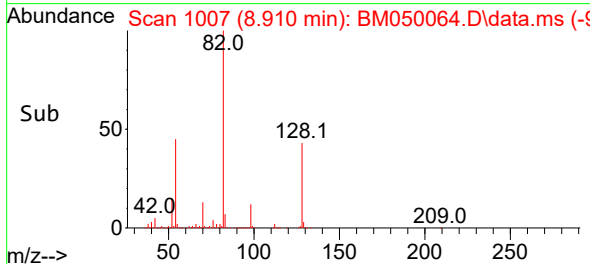
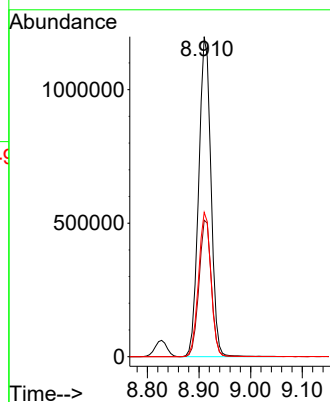
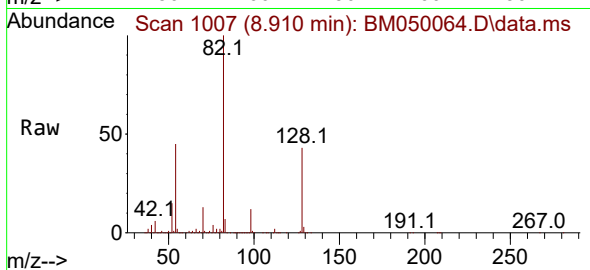
BNA_M

ClientSampleId :

PB167779BS

Tgt Ion: 82 Resp: 1972634

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.7	53.5
54	45.1	35.4	53.2



#24

Nitrobenzene

Concen: 47.731 ng

RT: 8.951 min Scan# 1014

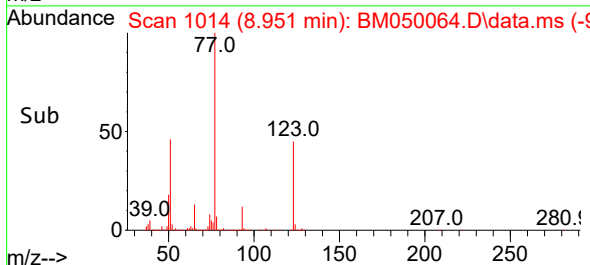
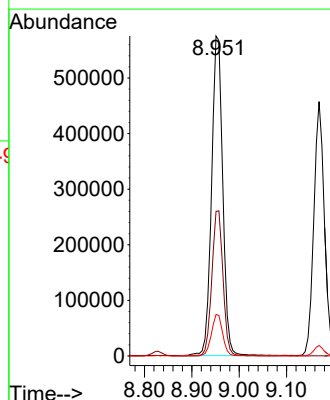
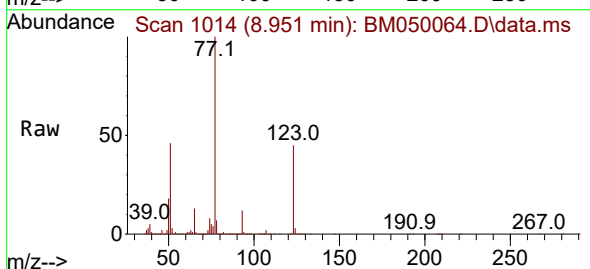
Delta R.T. -0.018 min

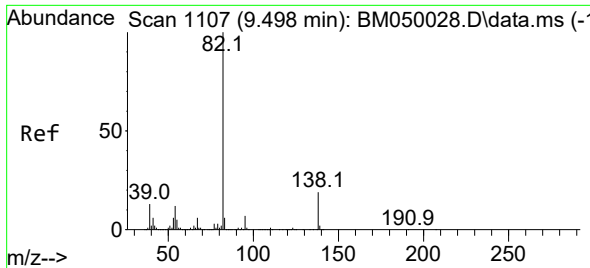
Lab File: BM050064.D

Acq: 01 May 2025 14:43

Tgt Ion: 77 Resp: 942517

Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.9	56.9
65	12.9	10.1	15.1

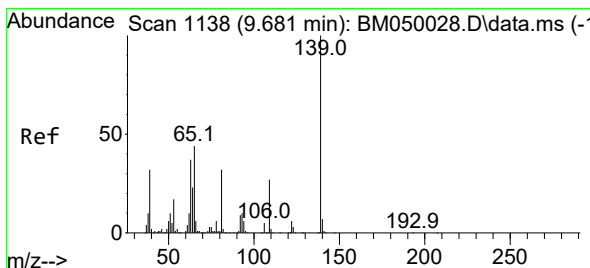
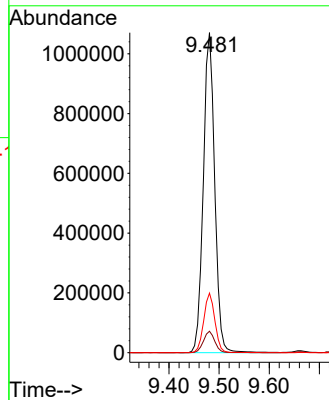
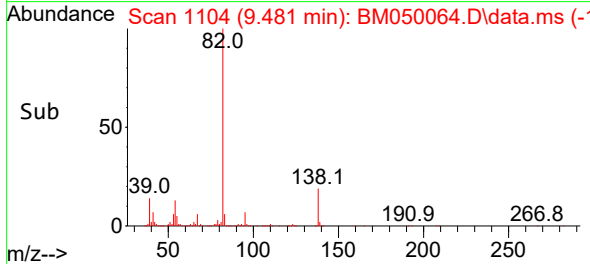
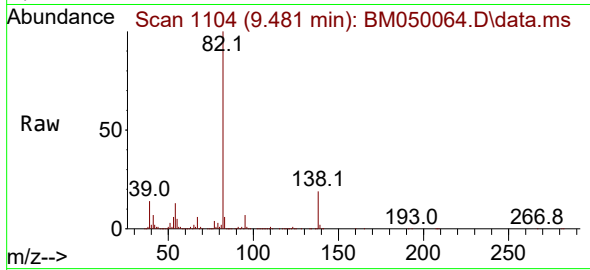




#25
Isophorone
Concen: 43.352 ng
RT: 9.481 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

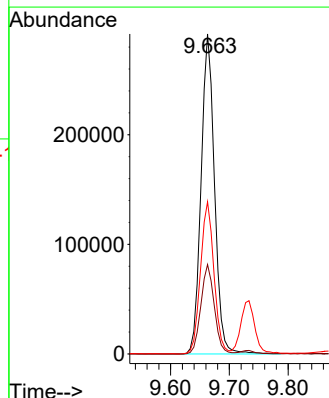
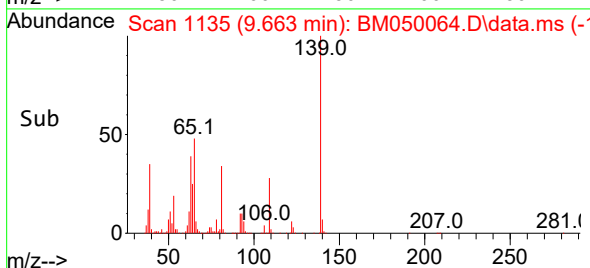
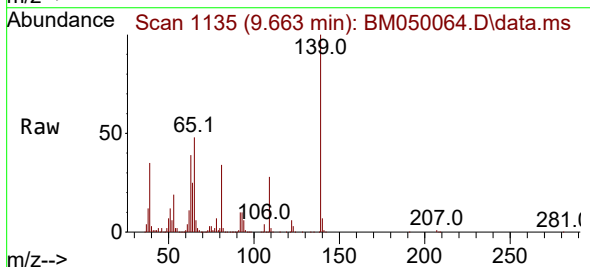
Instrument :
BNA_M
ClientSampleId :
PB167779BS

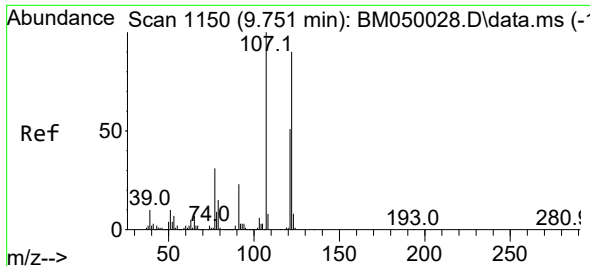
Tgt Ion: 82 Resp: 1687587
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 18.6 15.5 23.3



#26
2-Nitrophenol
Concen: 46.156 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:139 Resp: 465611
Ion Ratio Lower Upper
139 100
109 27.9 21.9 32.9
65 47.5 35.4 53.2

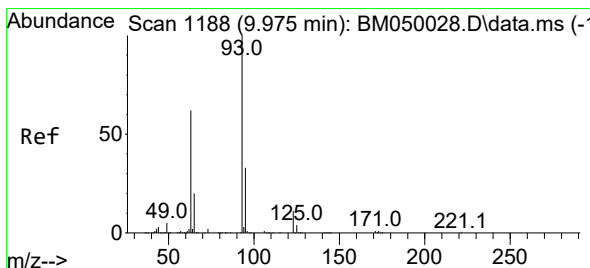
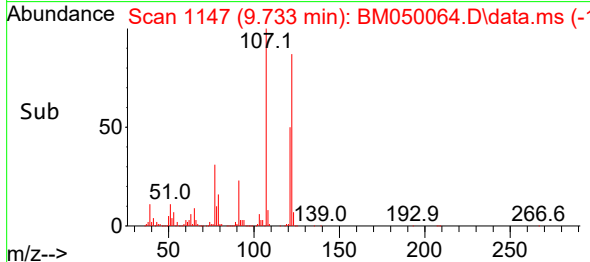
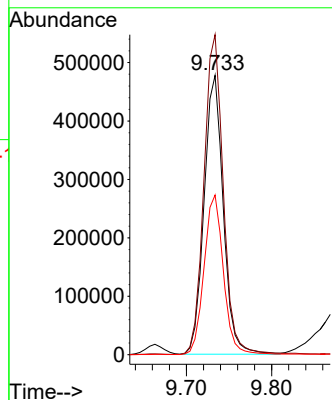
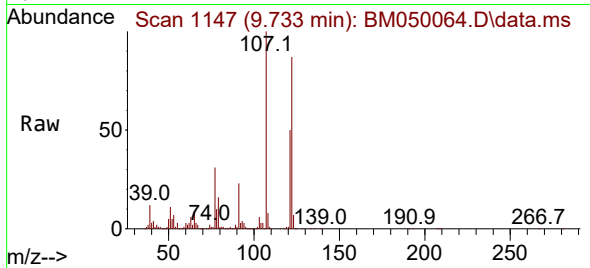




#27
2,4-Dimethylphenol
Concen: 44.825 ng
RT: 9.733 min Scan# 1147
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

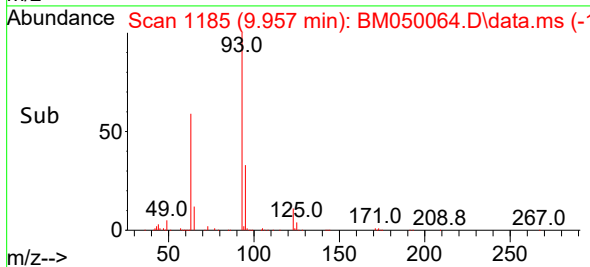
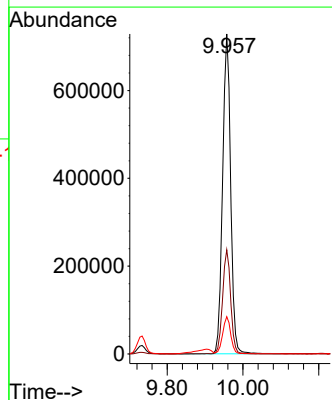
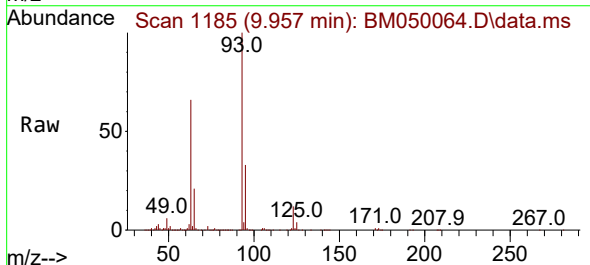
Instrument :
BNA_M
ClientSampleId :
PB167779BS

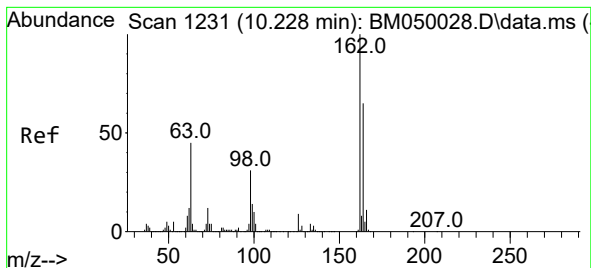
Tgt Ion:122 Resp: 749898
Ion Ratio Lower Upper
122 100
107 114.5 89.0 133.6
121 57.1 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.008 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 93 Resp: 1082910
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.7 9.5 14.3

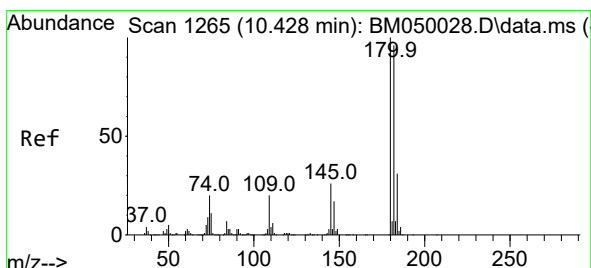
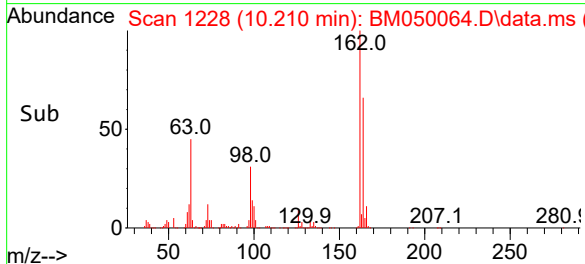
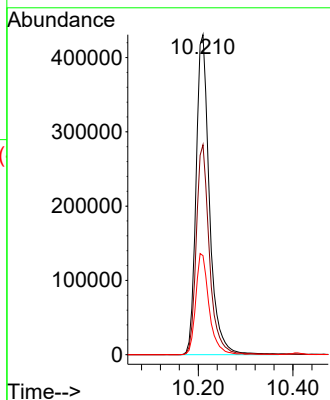
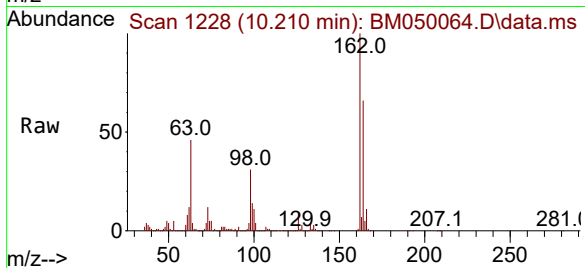




#29
2,4-Dichlorophenol
Concen: 45.032 ng
RT: 10.210 min Scan# 1228
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

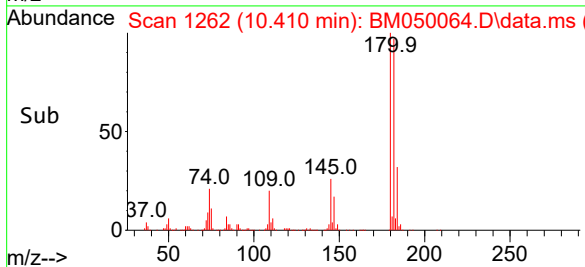
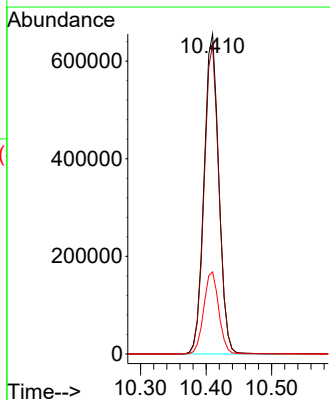
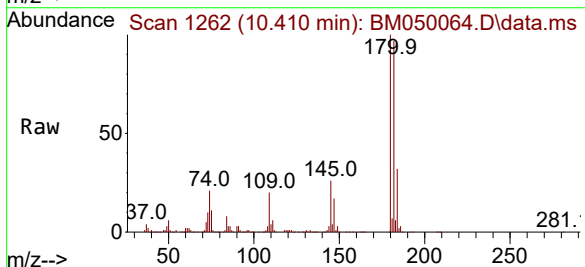
Instrument :
BNA_M
ClientSampleId :
PB167779BS

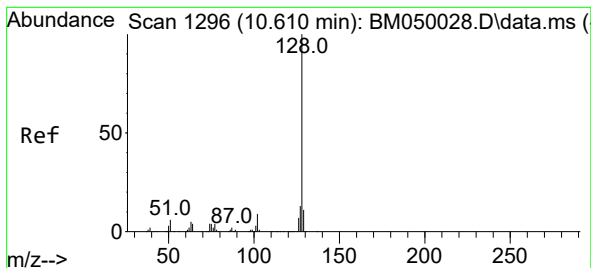
Tgt Ion:162 Resp: 843978
Ion Ratio Lower Upper
162 100
164 65.6 45.4 85.4
98 31.0 11.3 51.3



#30
1,2,4-Trichlorobenzene
Concen: 45.219 ng
RT: 10.410 min Scan# 1262
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:180 Resp: 1032540
Ion Ratio Lower Upper
180 100
182 96.7 77.0 115.4
145 25.6 20.6 30.8

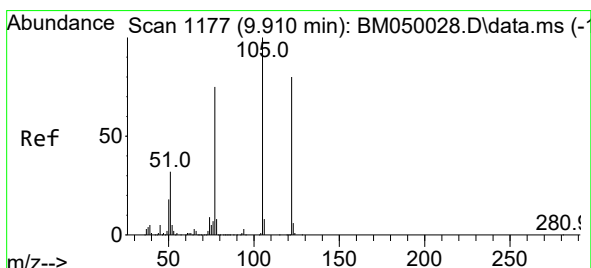
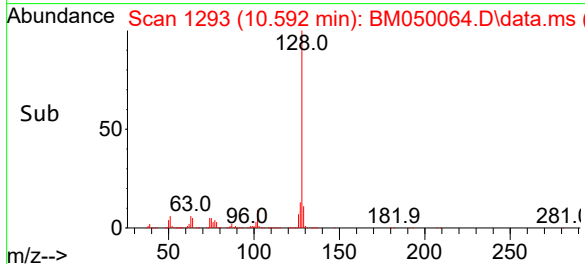
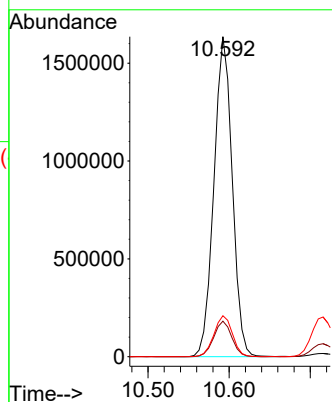
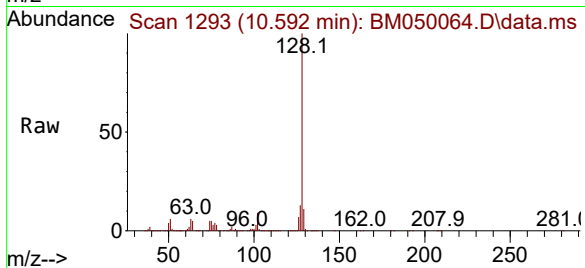




#31
Naphthalene
Concen: 45.037 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

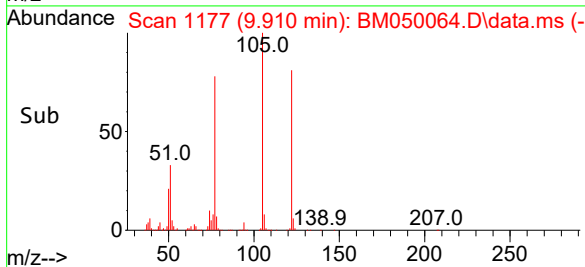
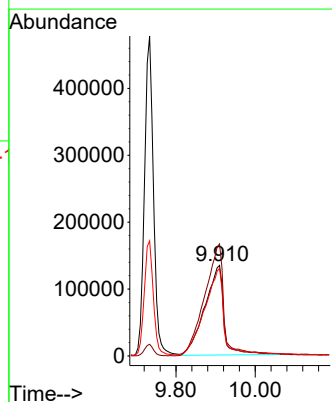
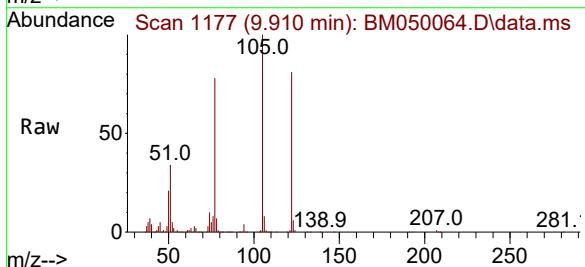
Instrument :
BNA_M
ClientSampleId :
PB167779BS

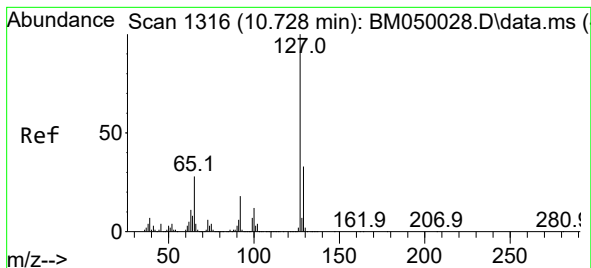
Tgt Ion:128 Resp: 2566661
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 42.109 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:122 Resp: 450544
Ion Ratio Lower Upper
122 100
105 123.7 103.6 143.6
77 96.9 73.7 113.7





#33

4-Chloroaniline

Concen: 18.284 ng

RT: 10.716 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

Tgt Ion:127 Resp: 427099

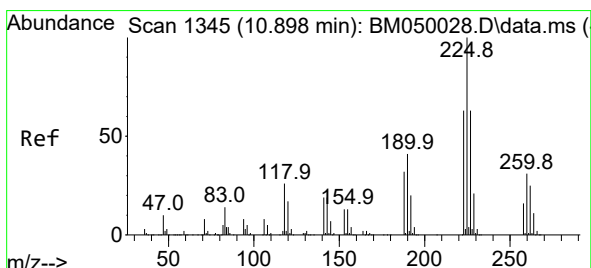
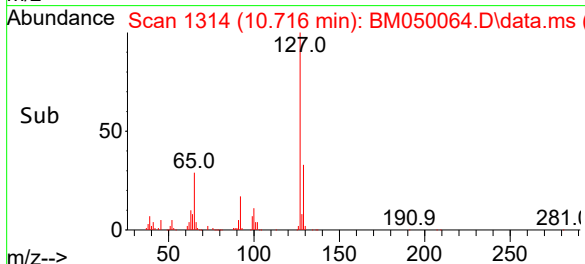
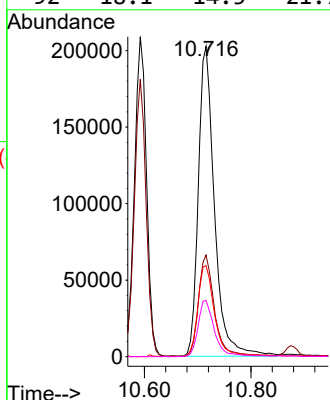
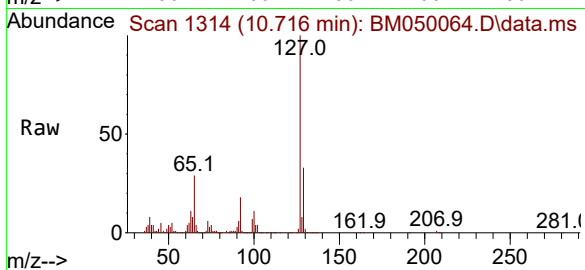
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 29.4 22.5 33.7

92 18.1 14.5 21.7



#34

Hexachlorobutadiene

Concen: 45.561 ng

RT: 10.880 min Scan# 1342

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

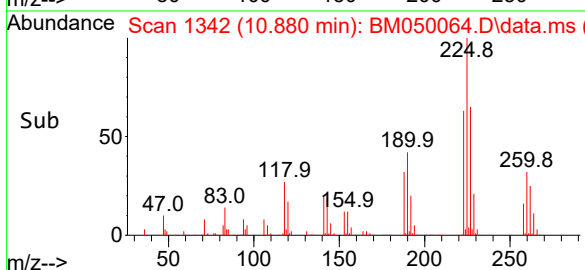
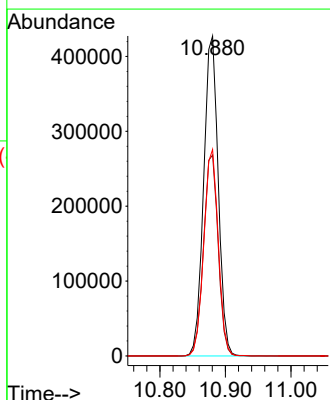
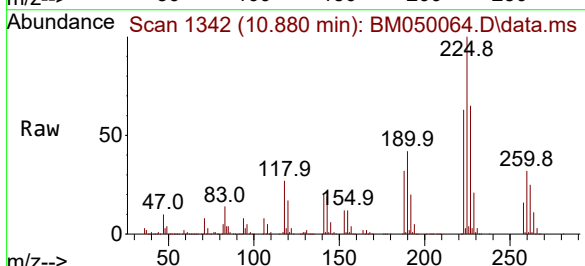
Tgt Ion:225 Resp: 660379

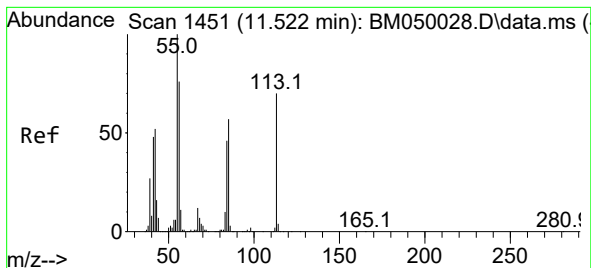
Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.2

227 64.5 50.6 76.0





#35

Caprolactam

Concen: 38.500 ng

RT: 11.510 min Scan# 14

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

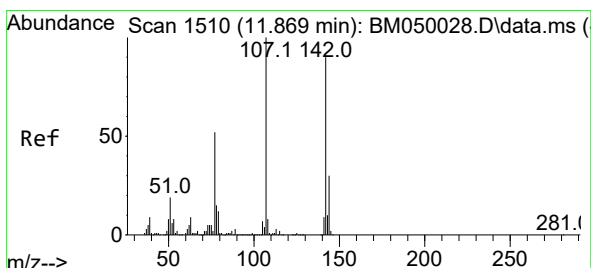
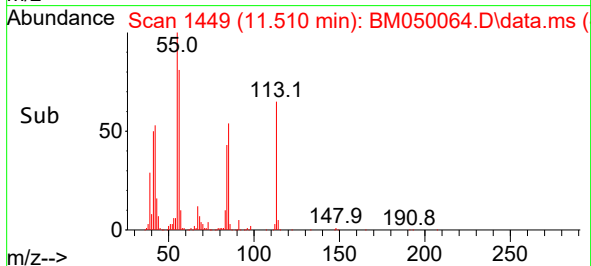
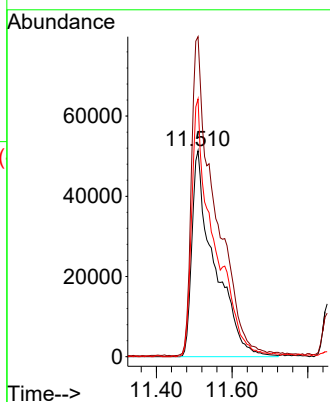
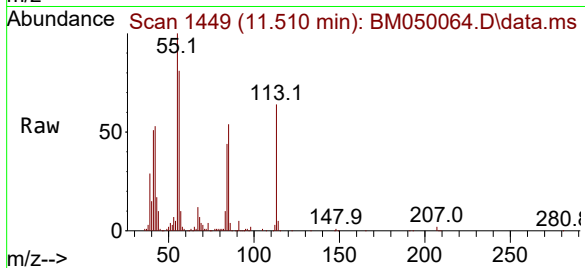
Tgt Ion:113 Resp: 210388

Ion Ratio Lower Upper

113 100

55 155.4 122.9 162.9

56 125.1 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 41.945 ng

RT: 11.851 min Scan# 1507

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

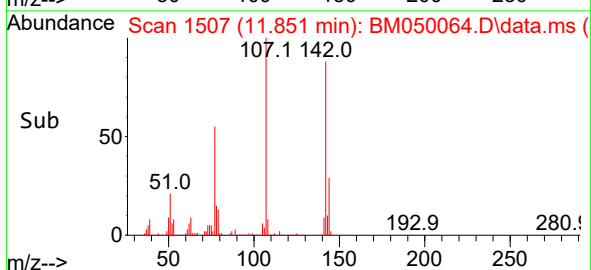
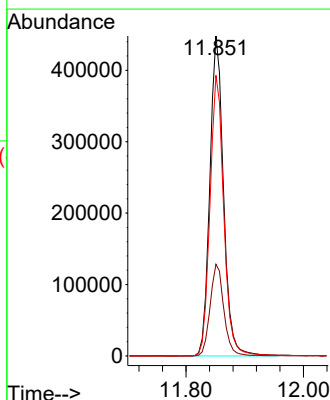
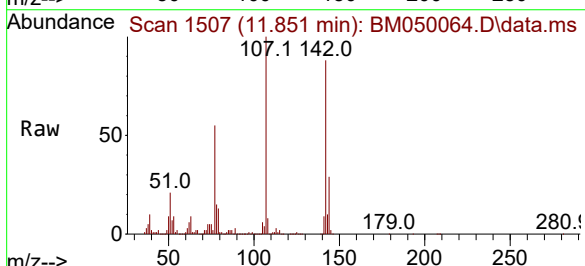
Tgt Ion:107 Resp: 726282

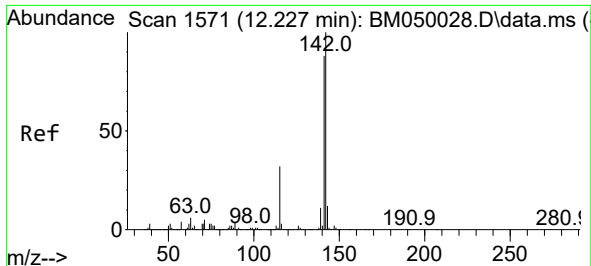
Ion Ratio Lower Upper

107 100

144 28.6 23.8 35.6

142 87.7 71.9 107.9

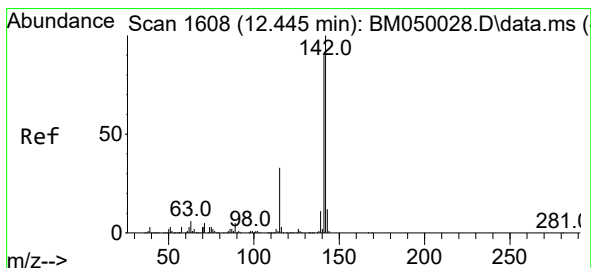
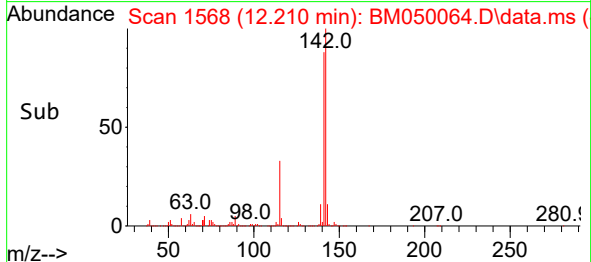
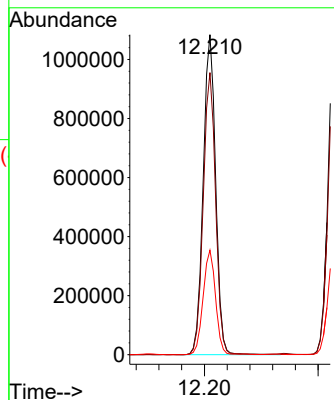
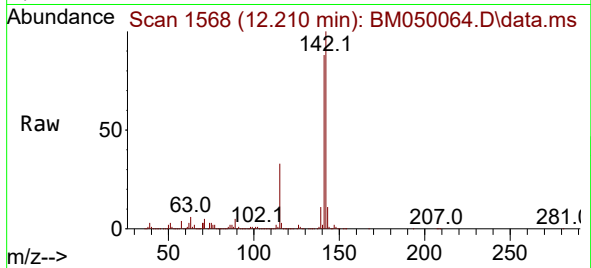




#37
2-Methylnaphthalene
Concen: 42.898 ng
RT: 12.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

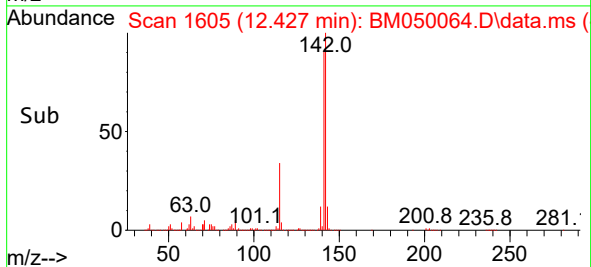
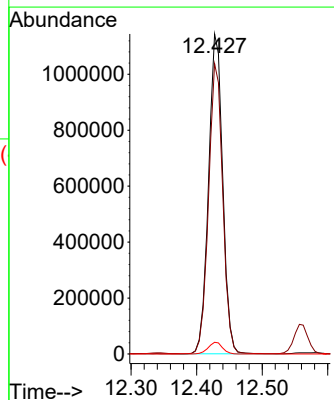
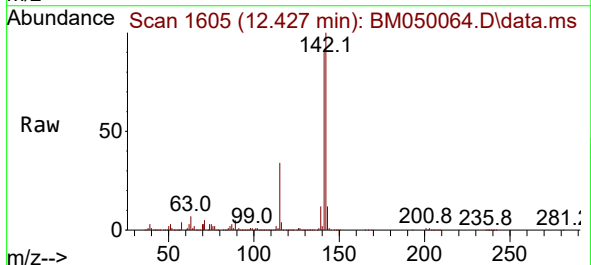
Instrument :
BNA_M
ClientSampleId :
PB167779BS

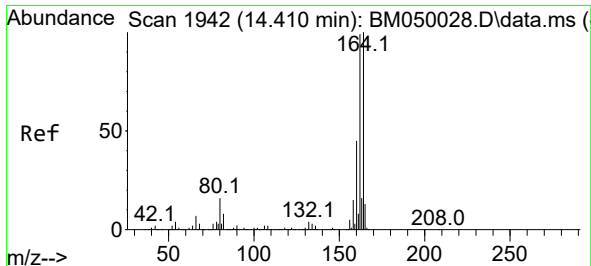
Tgt Ion:142 Resp: 1639055
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6
115 32.7 25.4 38.2



#38
1-Methylnaphthalene
Concen: 42.443 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:142 Resp: 1716193
Ion Ratio Lower Upper
142 100
141 90.7 72.1 108.1
116 3.7 2.7 4.1

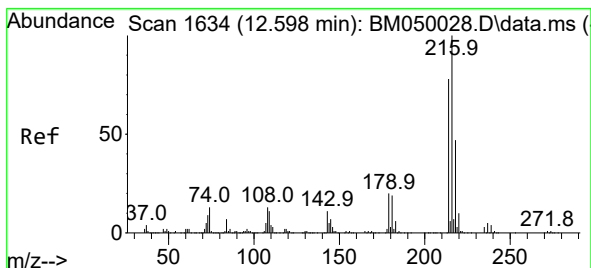
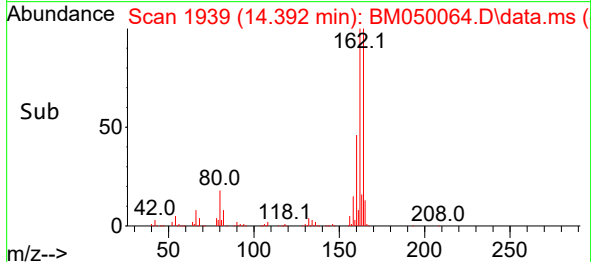
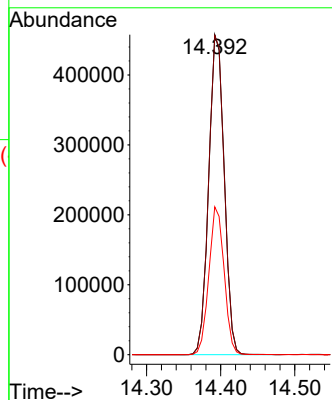
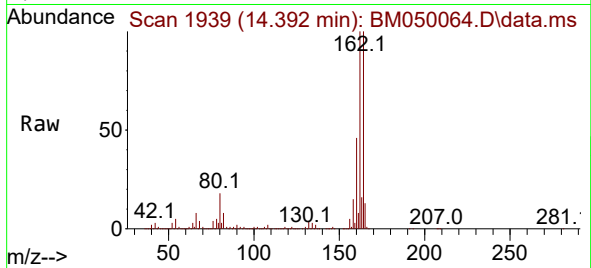




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

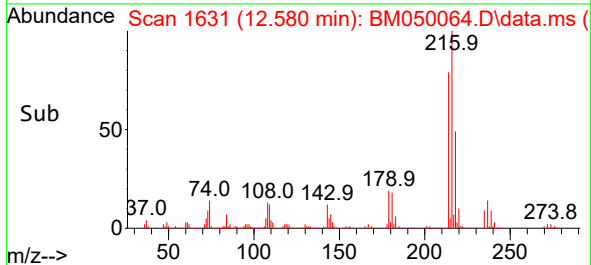
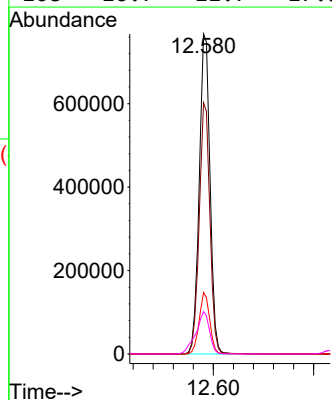
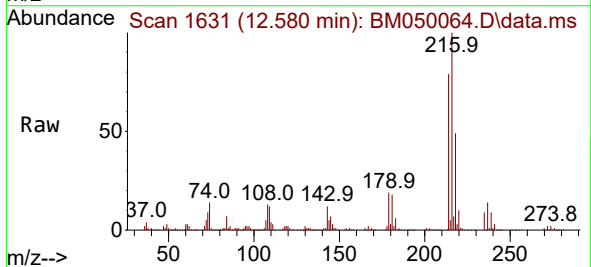
Instrument :
BNA_M
ClientSampleId :
PB167779BS

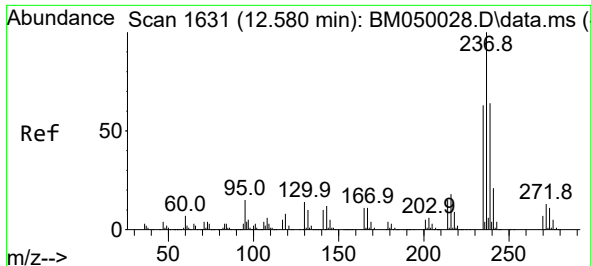
Tgt Ion:164 Resp: 664515
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 46.2 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.630 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:216 Resp: 1141673
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 18.9 15.4 23.0
108 16.7 11.7 17.5

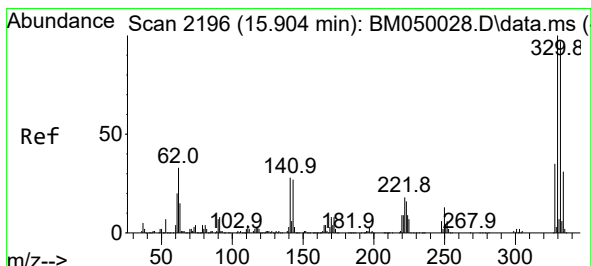
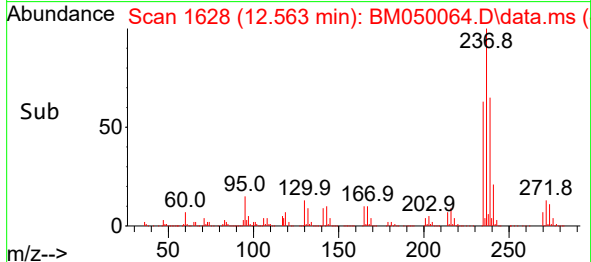
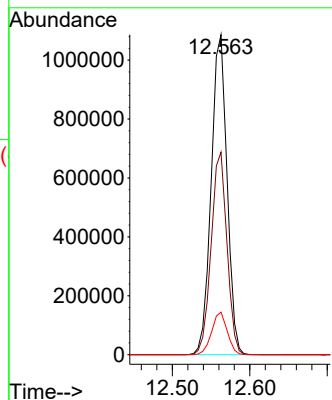
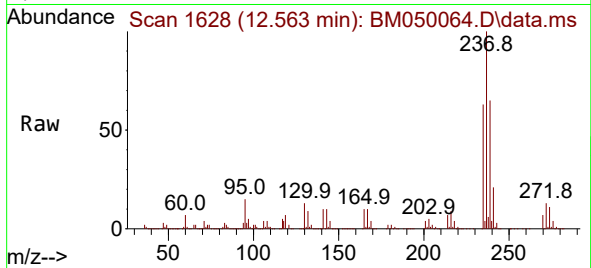




#41
Hexachlorocyclopentadiene
Concen: 109.633 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

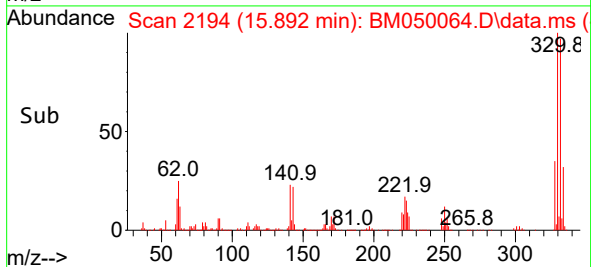
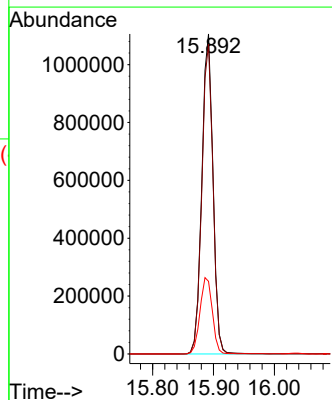
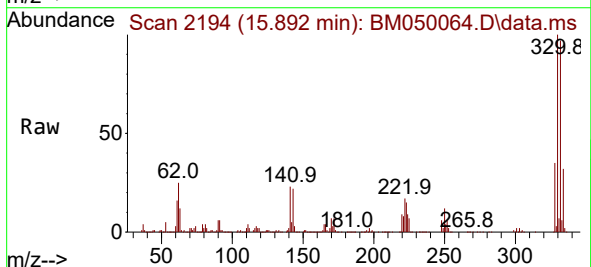
Instrument :
BNA_M
ClientSampleId :
PB167779BS

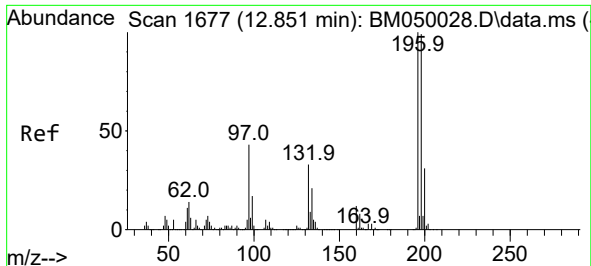
Tgt Ion:237 Resp: 1541222
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 142.599 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:330 Resp: 1401142
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 26.4 22.5 33.7

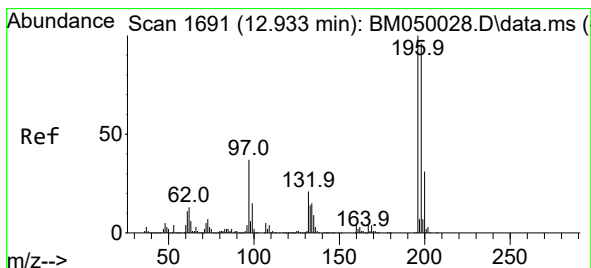
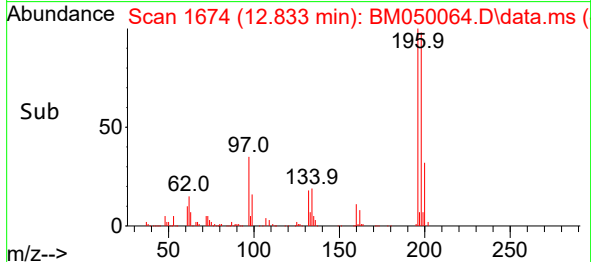
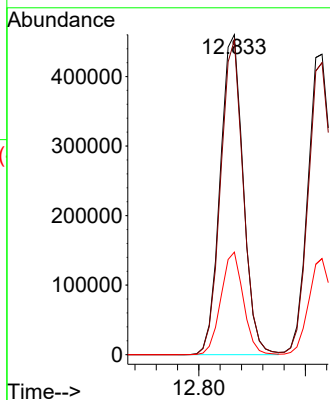
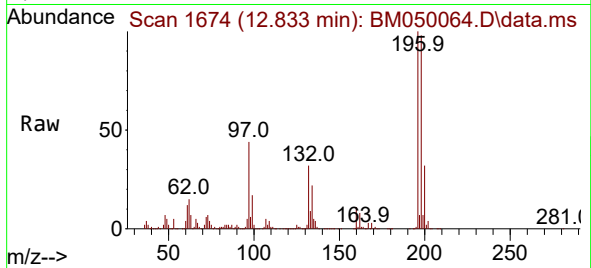




#43
2,4,6-Trichlorophenol
Concen: 47.365 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

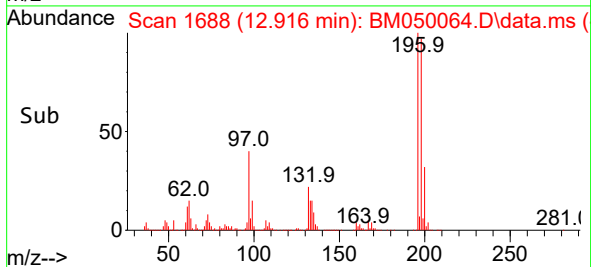
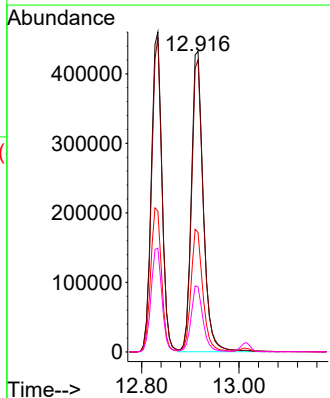
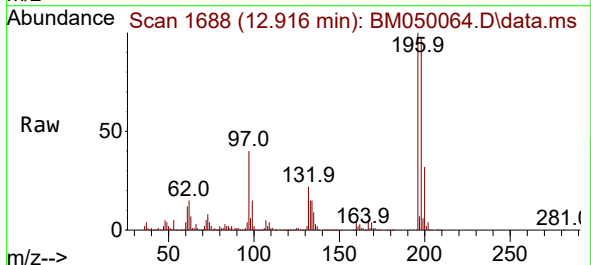
Instrument :
BNA_M
ClientSampleId :
PB167779BS

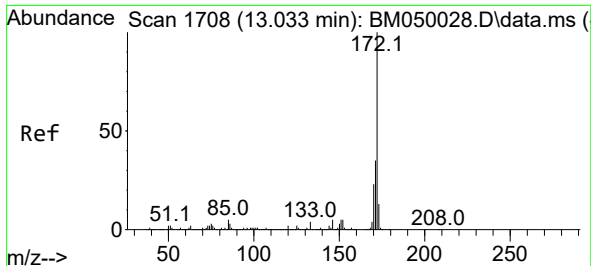
Tgt Ion:196 Resp: 691076
Ion Ratio Lower Upper
196 100
198 98.3 79.0 118.6
200 32.1 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 46.880 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:196 Resp: 737586
Ion Ratio Lower Upper
196 100
198 97.2 76.7 115.1
97 39.8 30.1 45.1
132 21.7 16.6 25.0

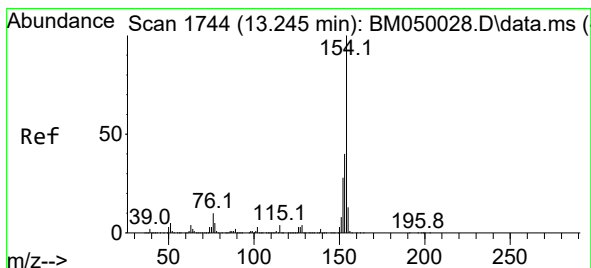
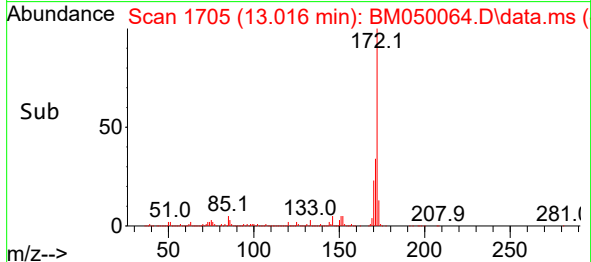
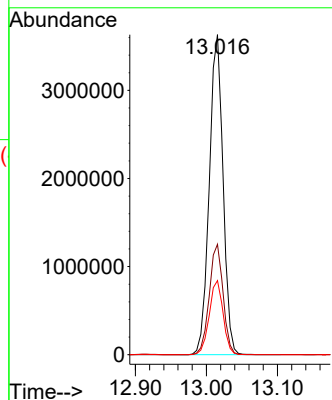
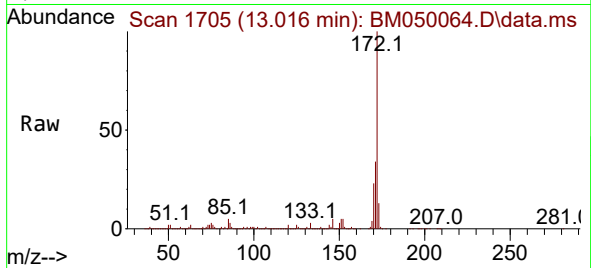




#45
2-Fluorobiphenyl
Concen: 87.243 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

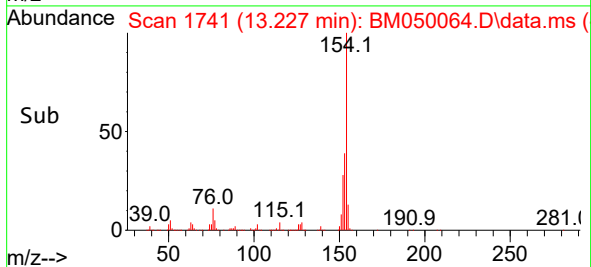
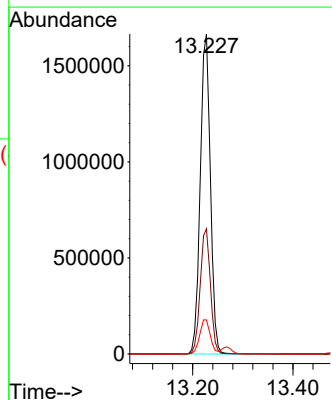
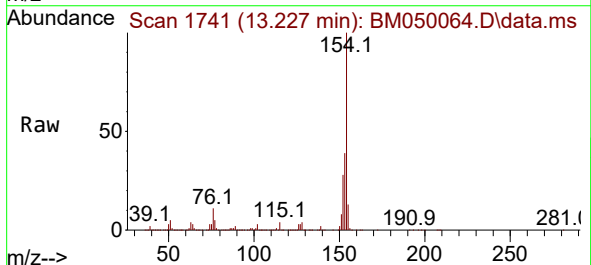
Instrument :
BNA_M
ClientSampleId :
PB167779BS

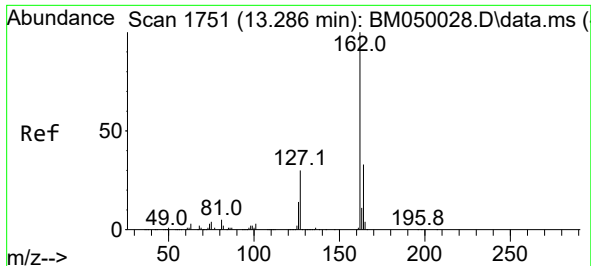
Tgt Ion:172 Resp: 4900655
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.158 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:154 Resp: 2329469
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 10.7 0.0 30.3

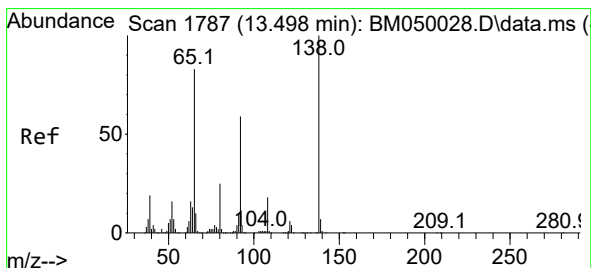
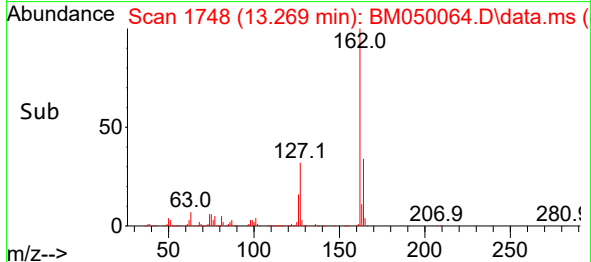
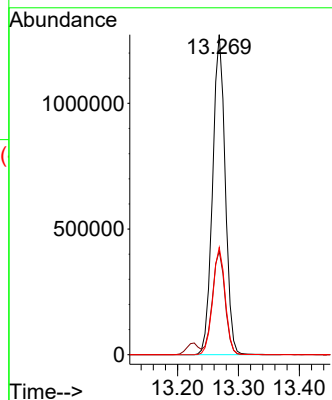
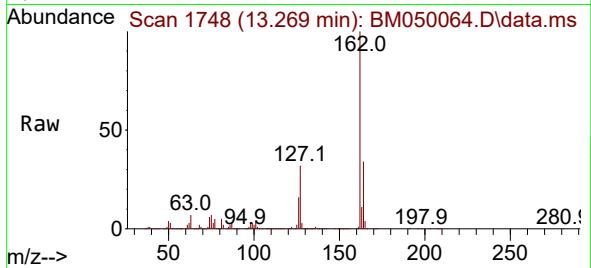




#47
2-Chloronaphthalene
Concen: 46.840 ng
RT: 13.269 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

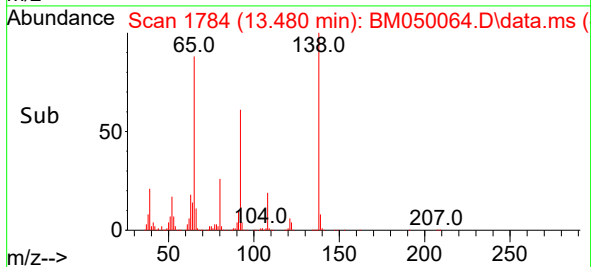
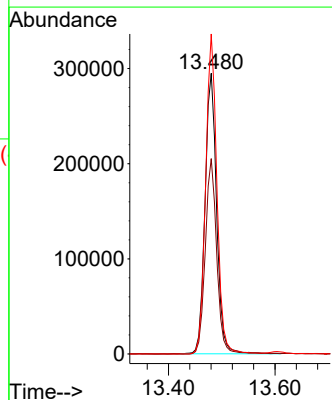
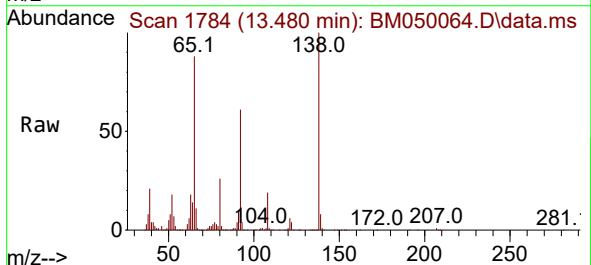
Instrument :
BNA_M
ClientSampleId :
PB167779BS

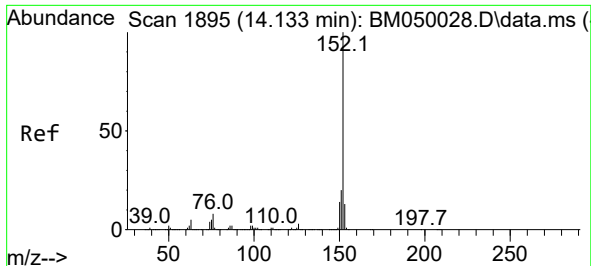
Tgt Ion:162 Resp: 1832486
Ion Ratio Lower Upper
162 100
127 32.3 25.9 38.9
164 33.5 26.6 40.0



#48
2-Nitroaniline
Concen: 48.577 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 65 Resp: 446033
Ion Ratio Lower Upper
65 100
92 69.6 57.1 85.7
138 114.0 97.0 145.4

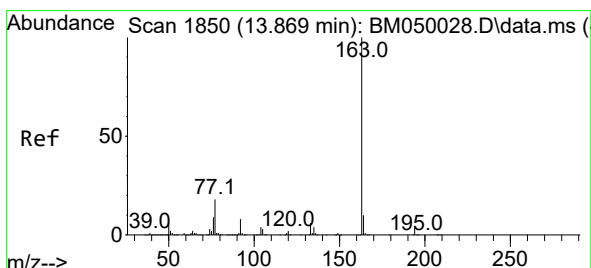
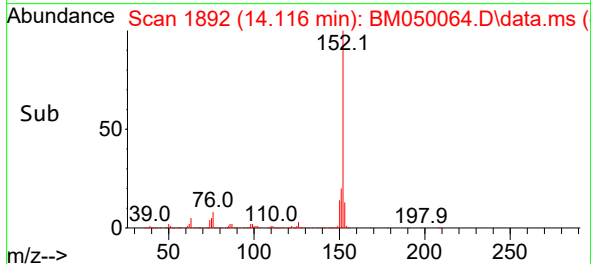
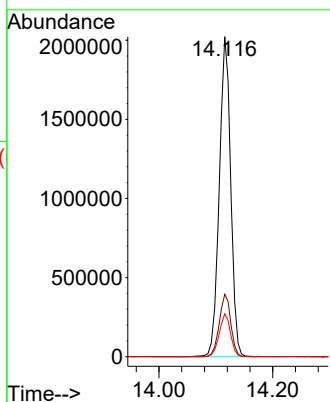
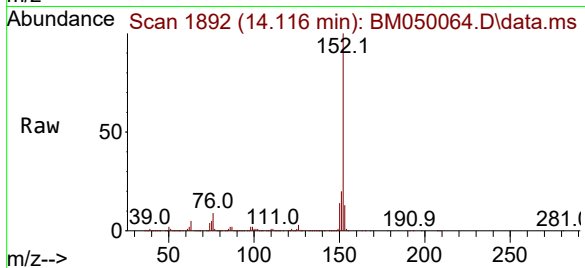




#49
Acenaphthylene
Concen: 45.679 ng
RT: 14.116 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

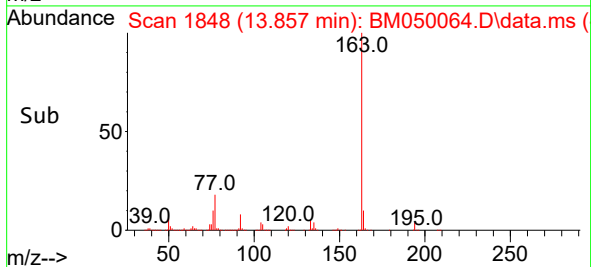
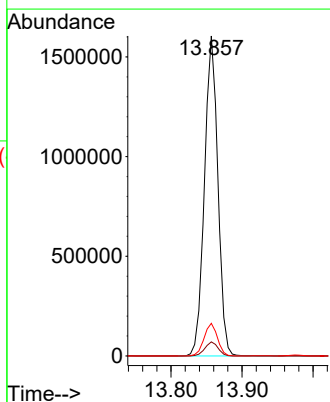
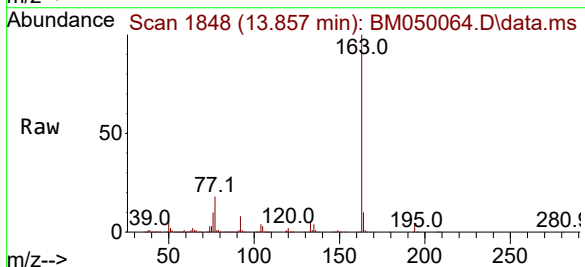
Instrument :
BNA_M
ClientSampleId :
PB167779BS

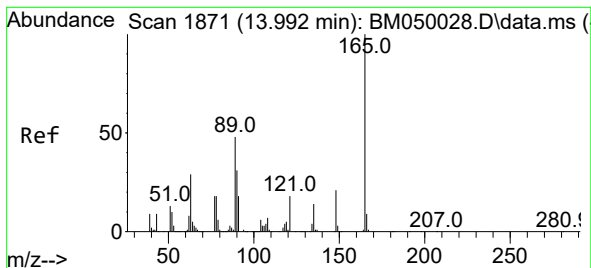
Tgt Ion:152 Resp: 2817647
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 43.498 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:163 Resp: 2112431
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.2

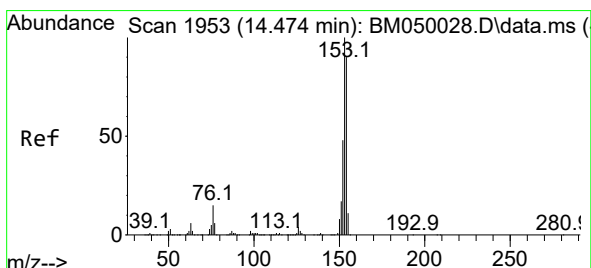
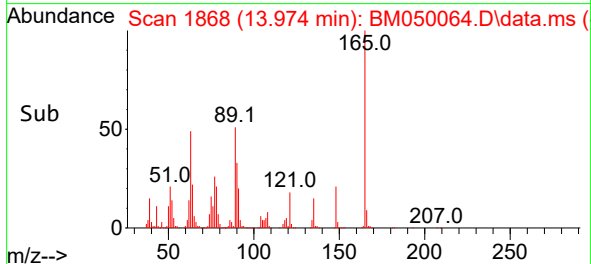
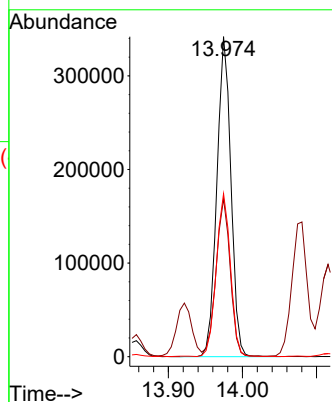
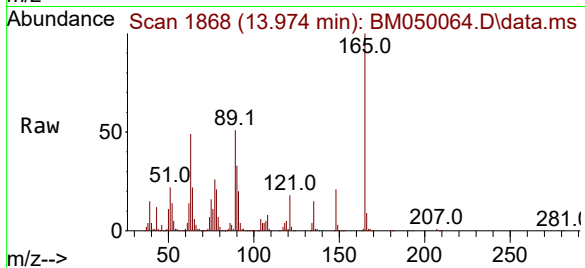




#51
2,6-Dinitrotoluene
Concen: 44.769 ng
RT: 13.974 min Scan# 1868
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

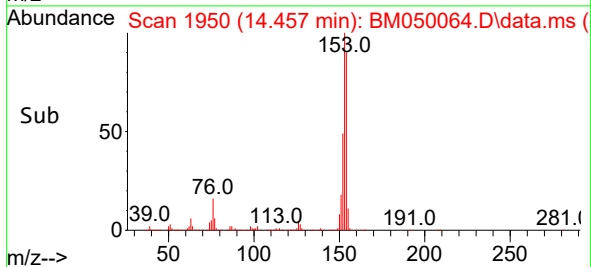
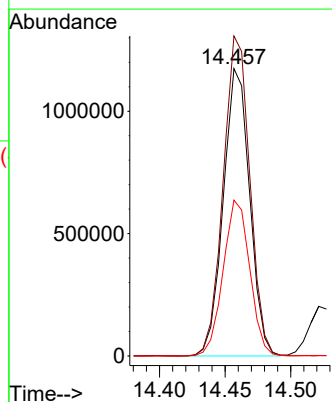
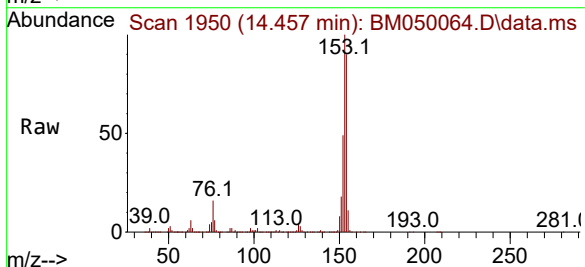
Instrument :
BNA_M
ClientSampleId :
PB167779BS

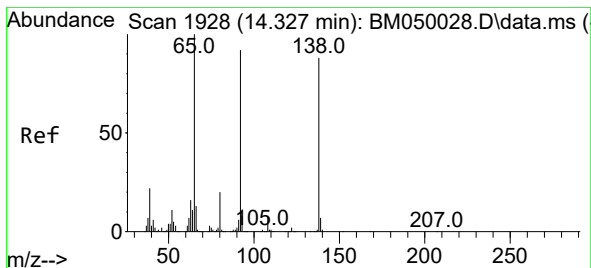
Tgt Ion:165 Resp: 450148
Ion Ratio Lower Upper
165 100
63 49.3 35.1 52.7
89 51.0 38.4 57.6



#52
Acenaphthene
Concen: 46.003 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:154 Resp: 1642526
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 54.2 43.0 64.6

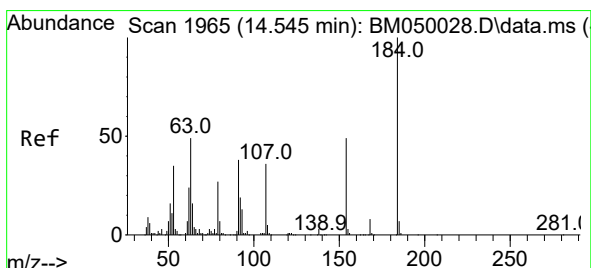
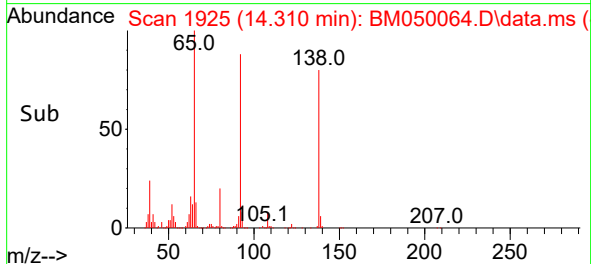
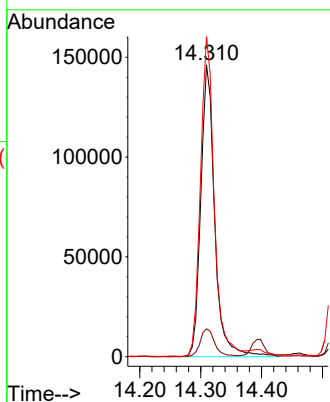
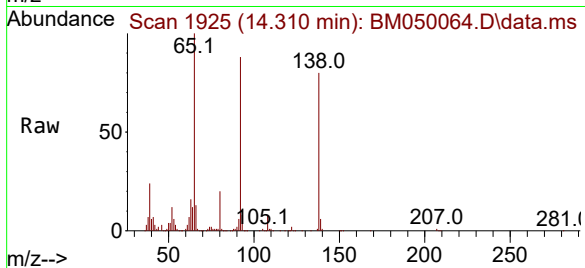




#53
3-Nitroaniline
Concen: 24.135 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

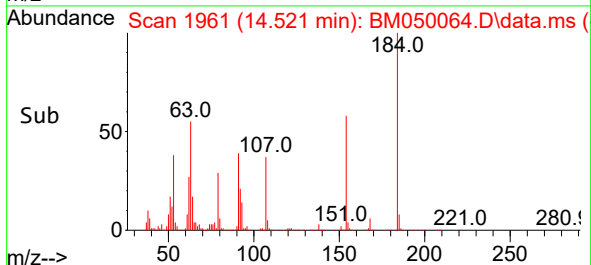
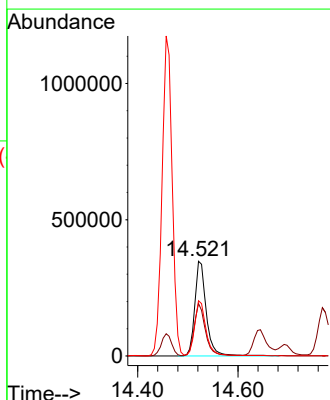
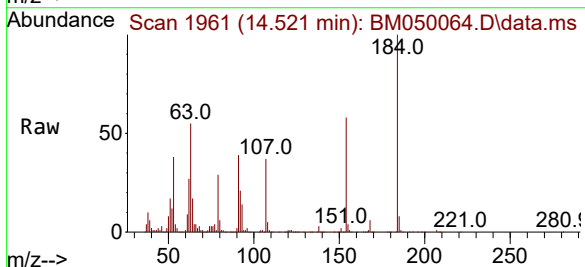
Instrument :
BNA_M
ClientSampleId :
PB167779BS

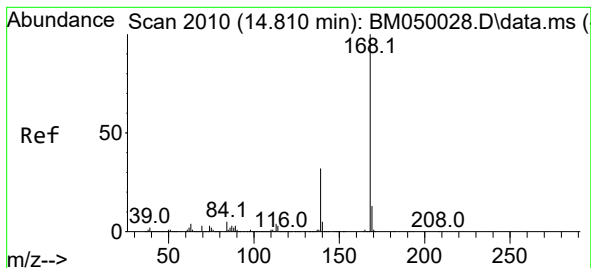
Tgt Ion:138 Resp: 231684
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 109.6 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 85.470 ng
RT: 14.521 min Scan# 1961
Delta R.T. -0.024 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:184 Resp: 552700
Ion Ratio Lower Upper
184 100
63 55.5 39.8 59.6
154 58.4 46.1 69.1





#55

Dibenzenofuran

Concen: 45.062 ng

RT: 14.798 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

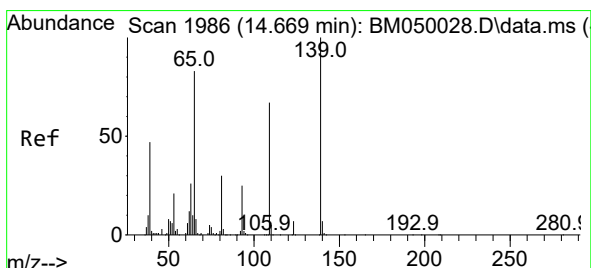
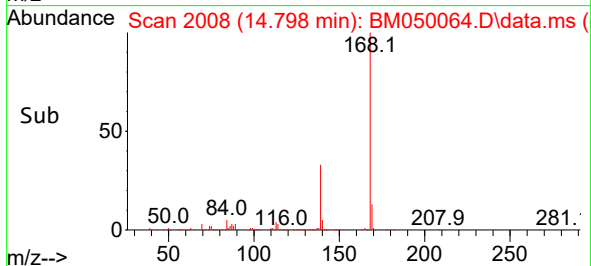
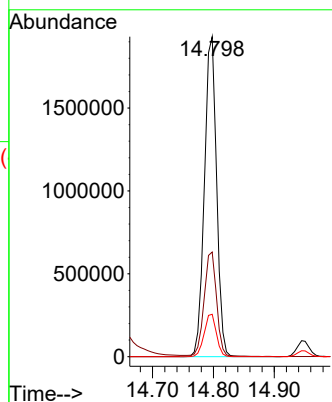
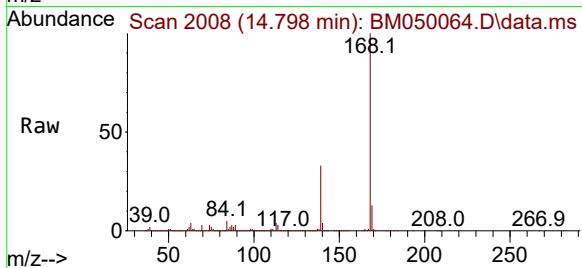
Tgt Ion:168 Resp: 2676911

Ion Ratio Lower Upper

168 100

139 32.7 26.1 39.1

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 89.936 ng

RT: 14.645 min Scan# 1982

Delta R.T. -0.024 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

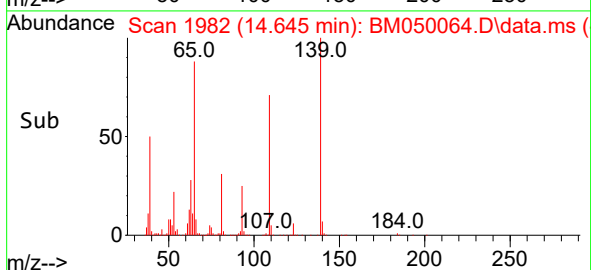
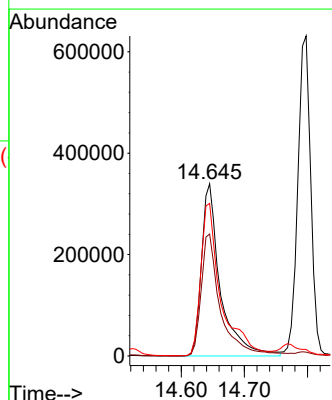
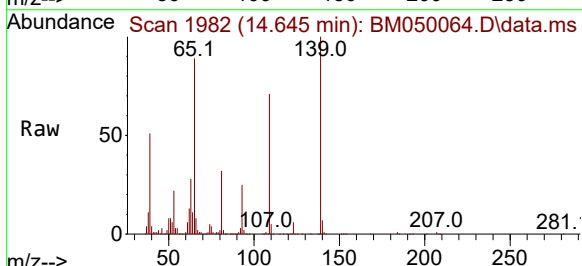
Tgt Ion:139 Resp: 707032

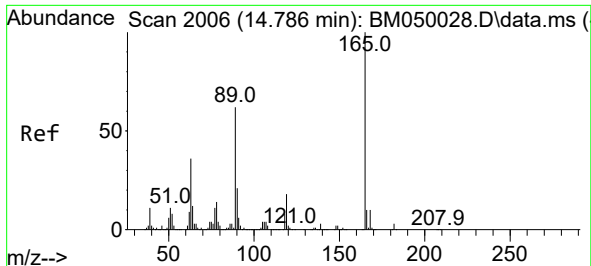
Ion Ratio Lower Upper

139 100

109 70.8 47.0 87.0

65 88.6 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 45.852 ng

RT: 14.768 min Scan# 20

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

Tgt Ion:165 Resp: 637054

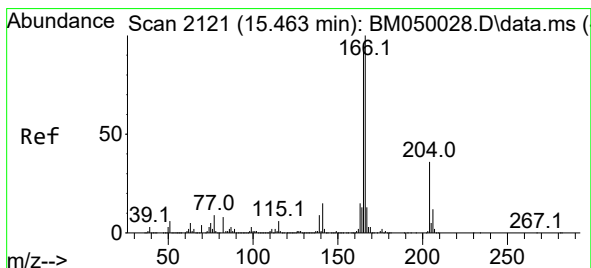
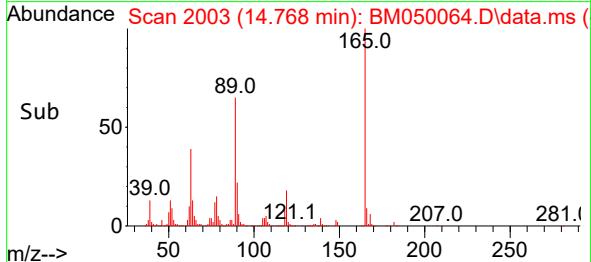
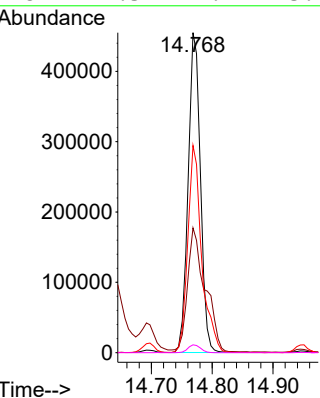
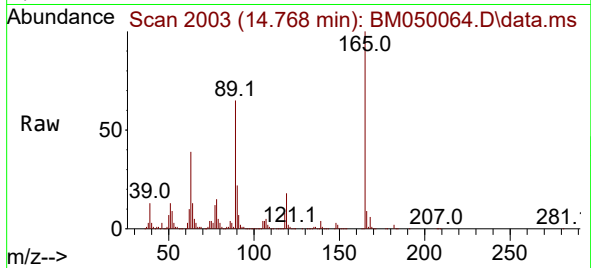
Ion Ratio Lower Upper

165 100

63 39.0 29.0 43.6

89 64.7 49.4 74.2

182 2.5 2.2 3.2



#58

Fluorene

Concen: 46.675 ng

RT: 15.445 min Scan# 2118

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

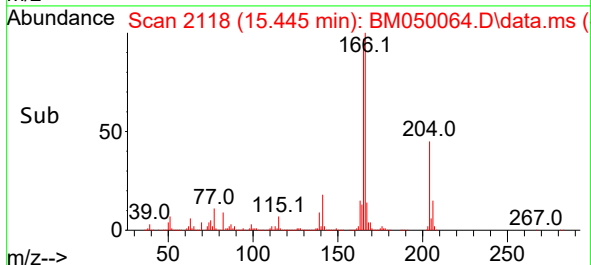
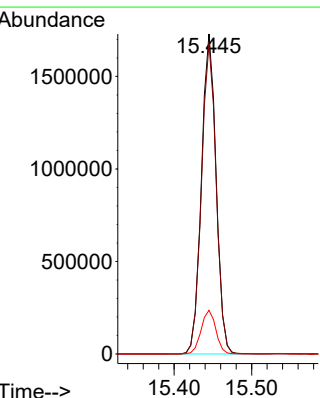
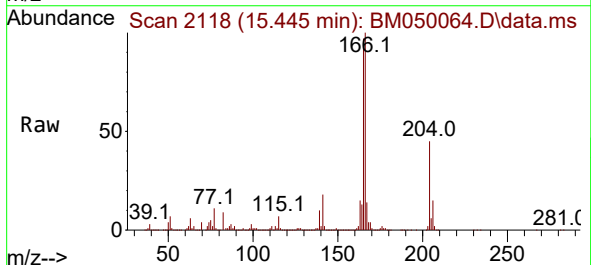
Tgt Ion:166 Resp: 2269556

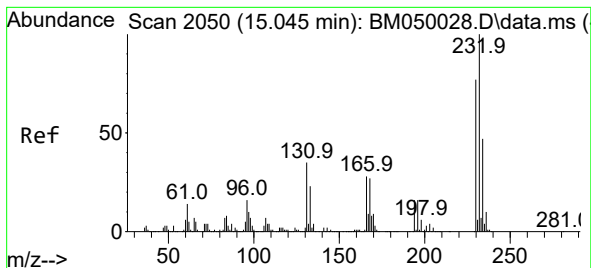
Ion Ratio Lower Upper

166 100

165 96.9 76.6 115.0

167 13.6 10.6 16.0

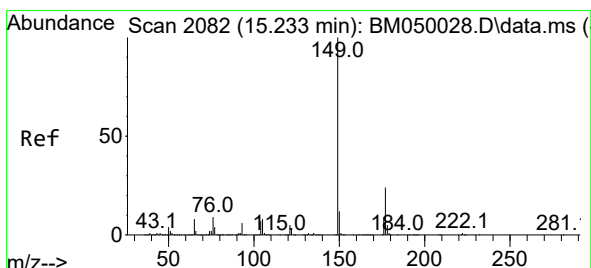
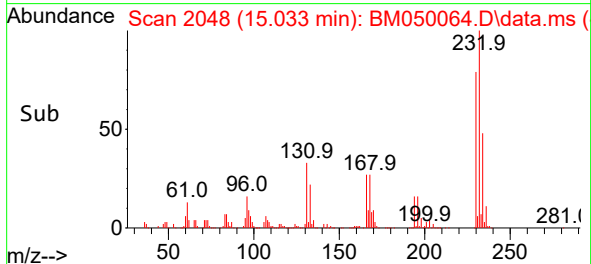
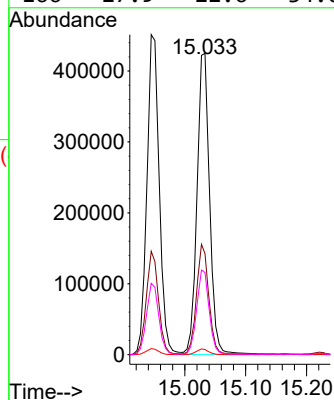
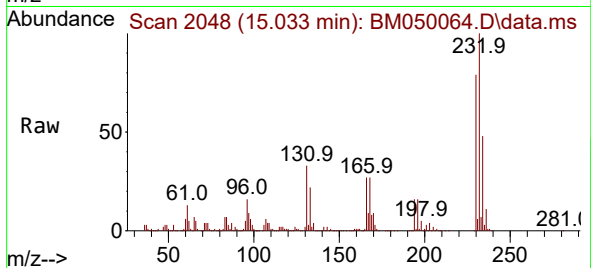




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.697 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

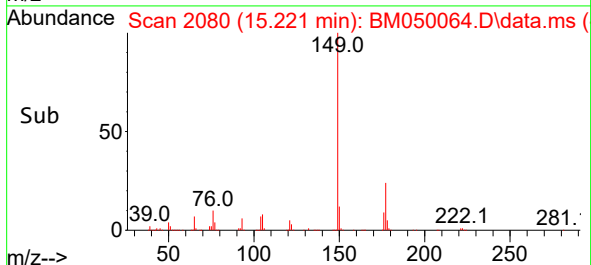
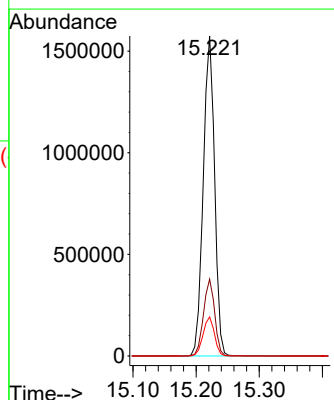
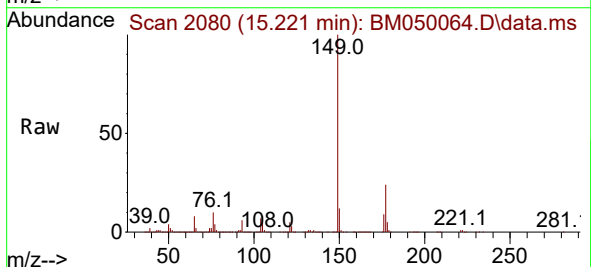
Instrument :
BNA_M
ClientSampleId :
PB167779BS

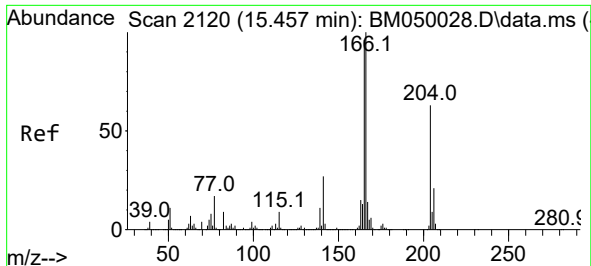
Tgt Ion:232 Resp: 608729
Ion Ratio Lower Upper
232 100
131 35.9 28.2 42.4
130 1.9 1.5 2.3
166 27.9 22.6 34.0



#60
Diethylphthalate
Concen: 42.921 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:149 Resp: 1964047
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 12.2 9.6 14.4

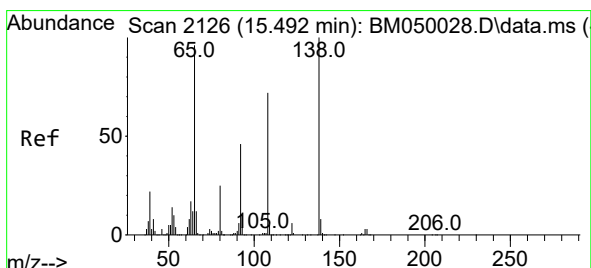
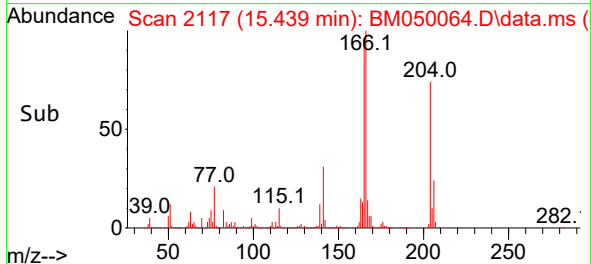
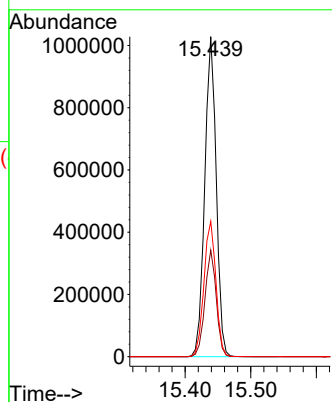
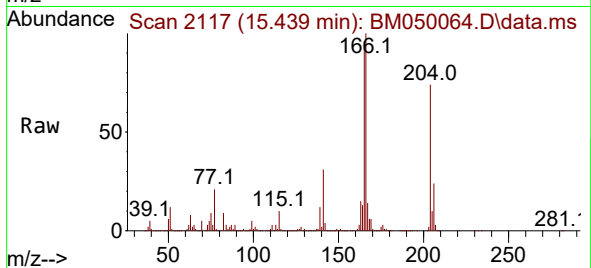




#61
4-Chlorophenyl-phenylether
Concen: 46.960 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

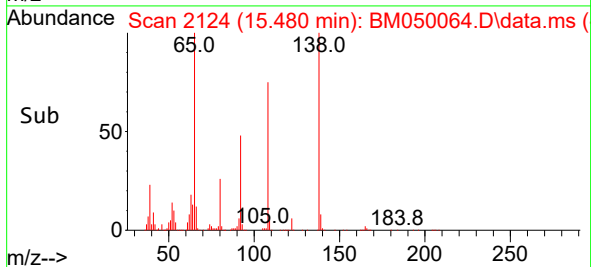
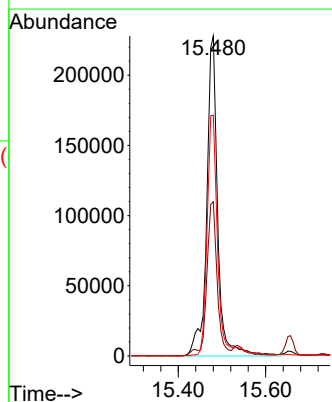
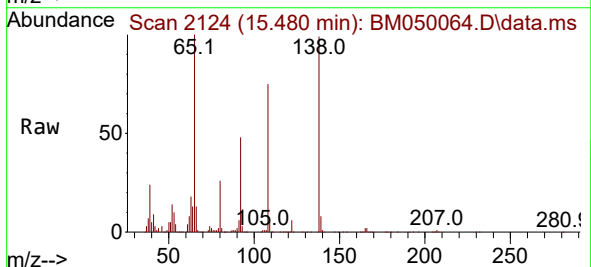
Instrument :
BNA_M
ClientSampleId :
PB167779BS

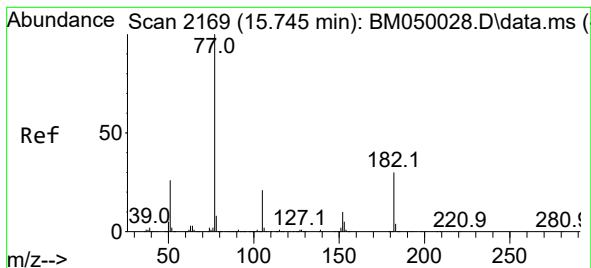
Tgt Ion:204 Resp: 1254179
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 42.3 34.0 51.0



#62
4-Nitroaniline
Concen: 43.102 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:138 Resp: 399199
Ion Ratio Lower Upper
138 100
92 48.2 25.9 65.9
108 75.2 52.4 92.4





#63

Azobenzene

Concen: 47.006 ng

RT: 15.733 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

Tgt Ion: 77 Resp: 1802713

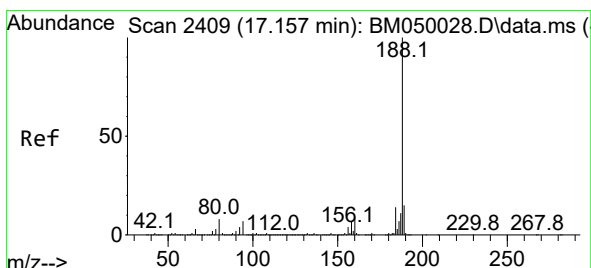
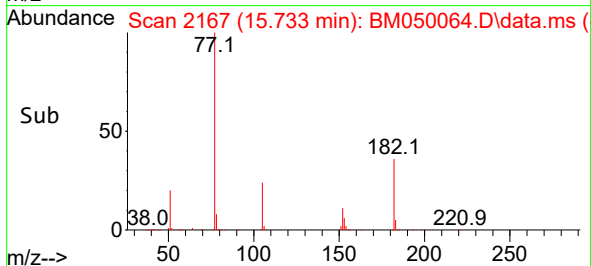
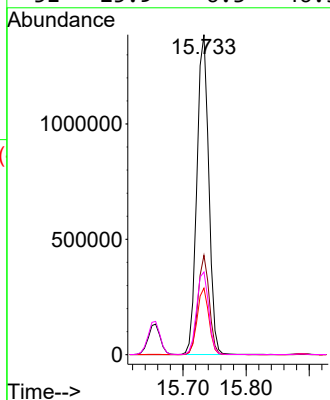
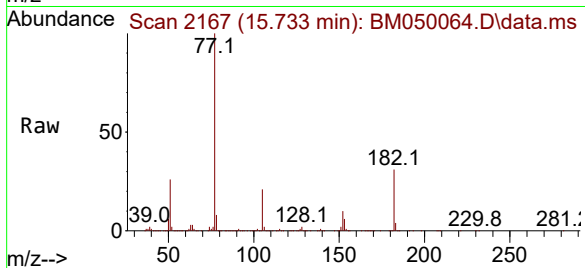
Ion Ratio Lower Upper

77 100

182 31.0 10.5 50.5

105 20.8 1.1 41.1

51 25.9 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: BM050064.D

Acq: 01 May 2025 14:43

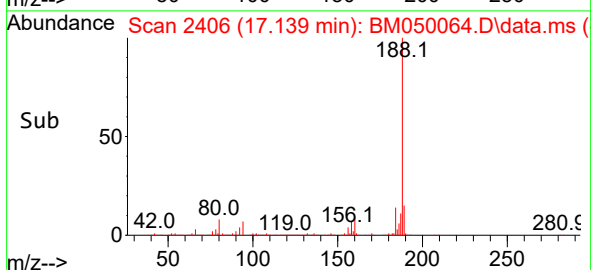
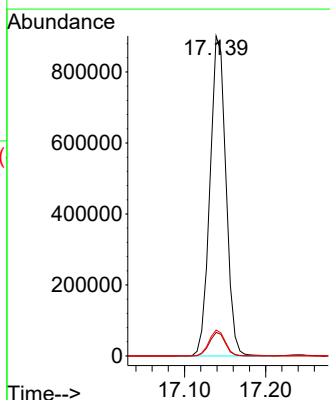
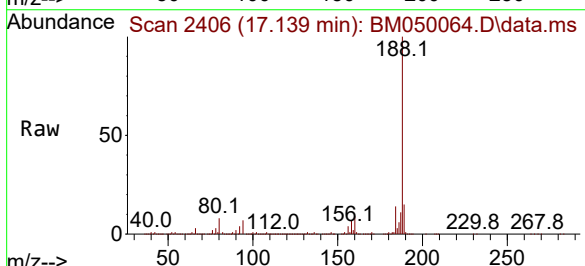
Tgt Ion: 188 Resp: 1227379

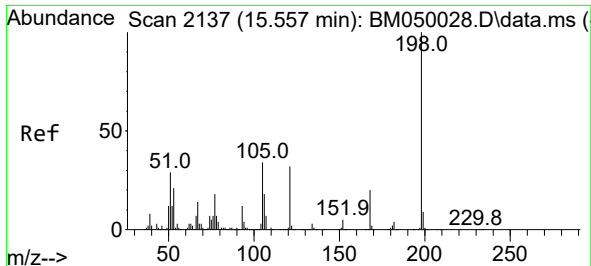
Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 8.1 6.2 9.4

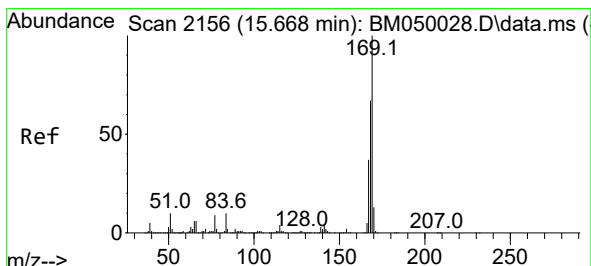
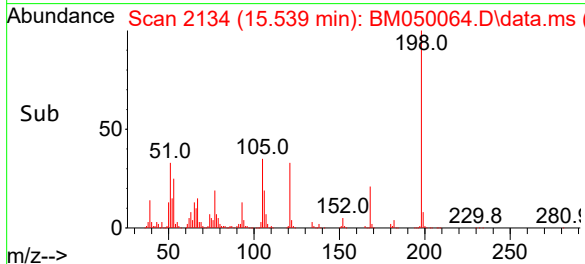
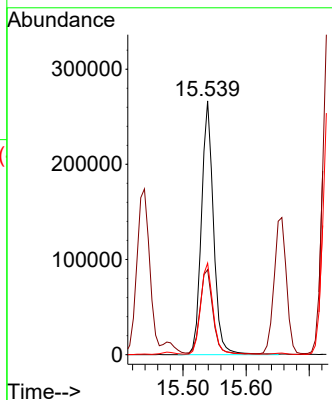
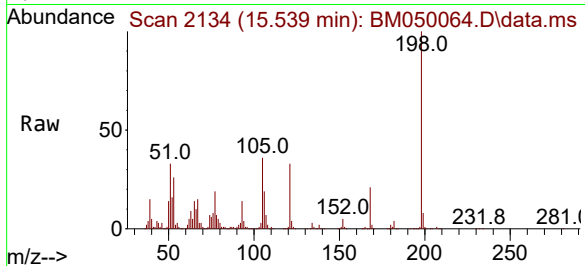




#65
4,6-Dinitro-2-methylphenol
Concen: 46.113 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

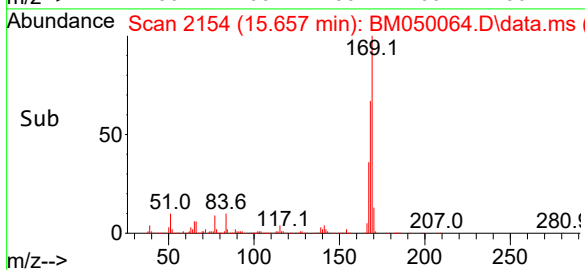
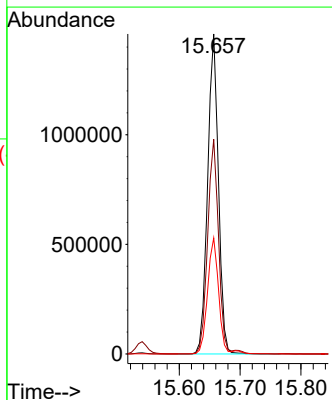
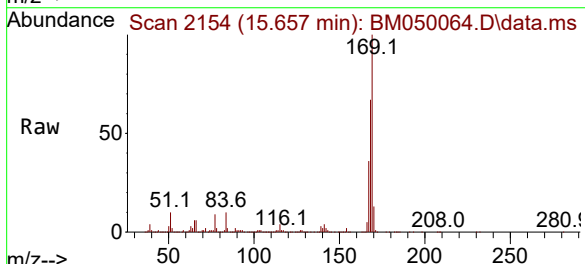
Instrument :
BNA_M
ClientSampleId :
PB167779BS

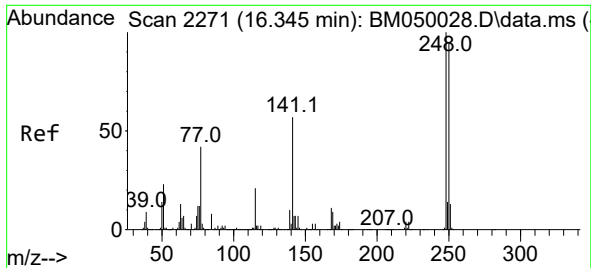
Tgt Ion:198 Resp: 354286
Ion Ratio Lower Upper
198 100
51 33.5 10.4 50.4
105 36.1 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 47.719 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:169 Resp: 1798532
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 36.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 46.831 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

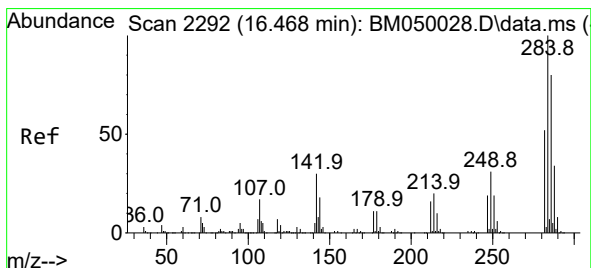
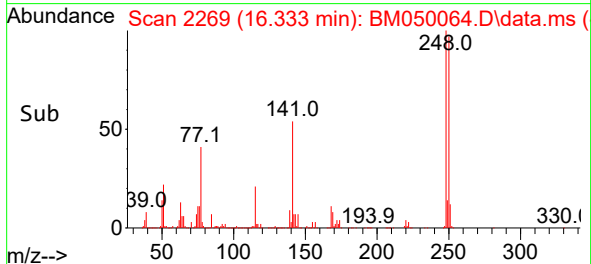
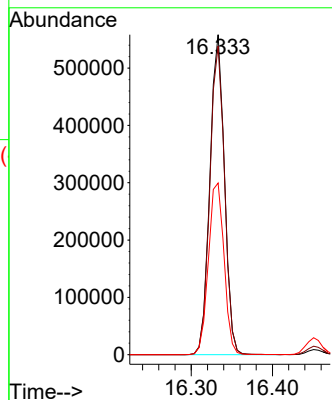
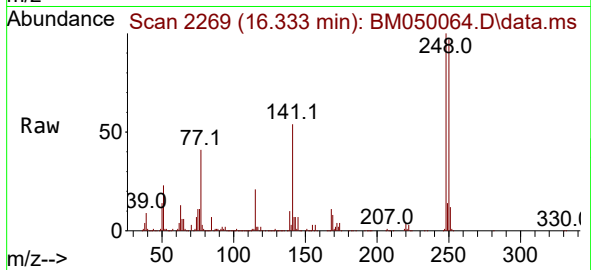
Instrument :

BNA_M

ClientSampleId :

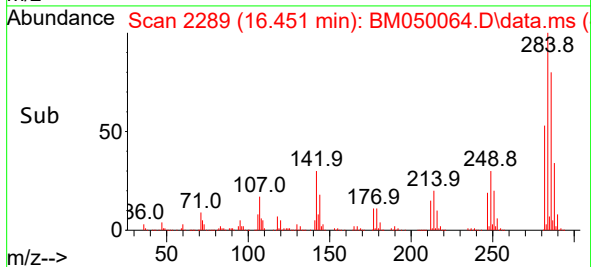
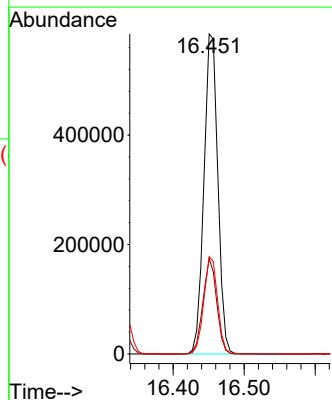
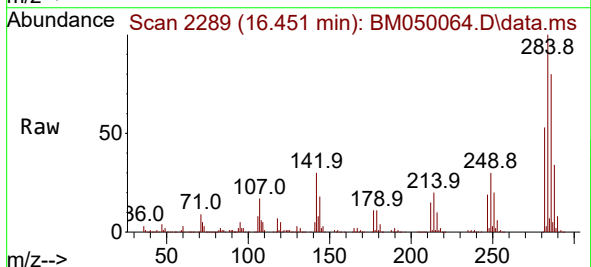
PB167779BS

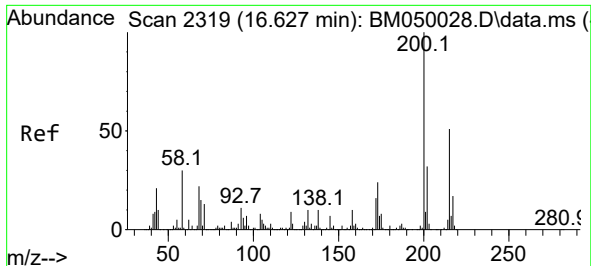
Tgt Ion:248 Resp: 695088
Ion Ratio Lower Upper
248 100
250 96.5 76.2 114.2
141 53.7 45.9 68.9



#68
Hexachlorobenzene
Concen: 46.587 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:284 Resp: 797047
Ion Ratio Lower Upper
284 100
142 29.8 23.9 35.9
249 30.4 24.5 36.7

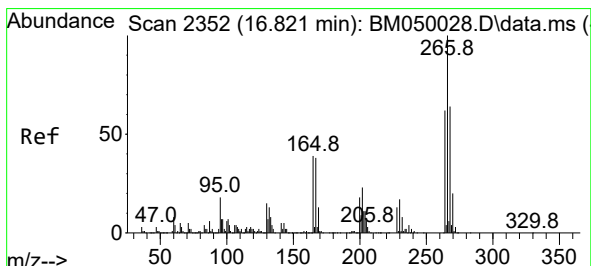
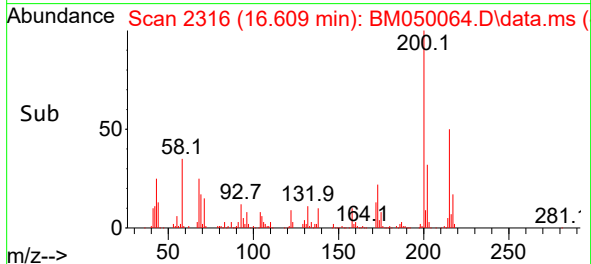
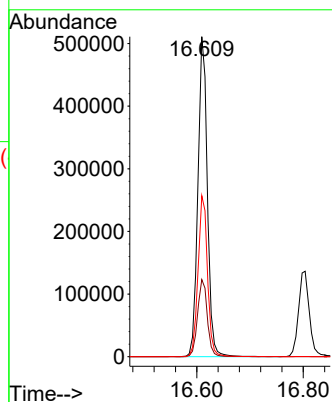
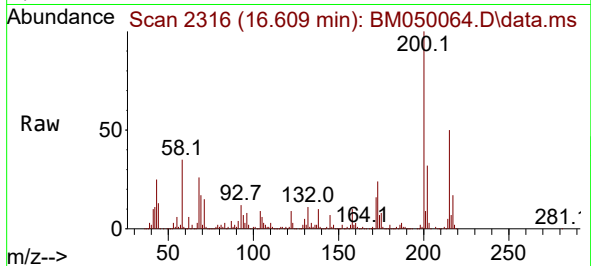




#69
 Atrazine
 Concen: 46.289 ng
 RT: 16.609 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM050064.D
 Acq: 01 May 2025 14:43

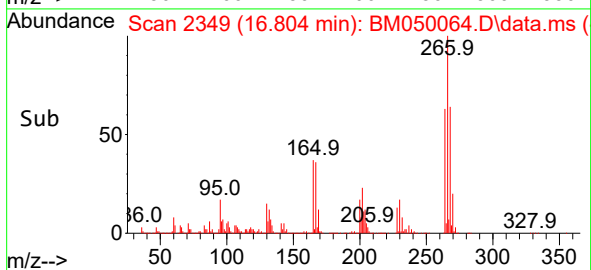
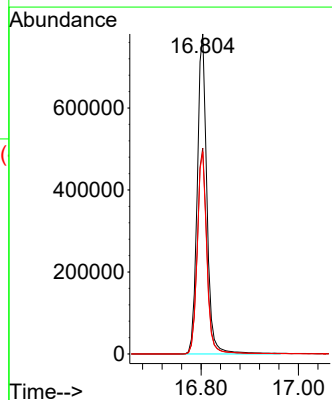
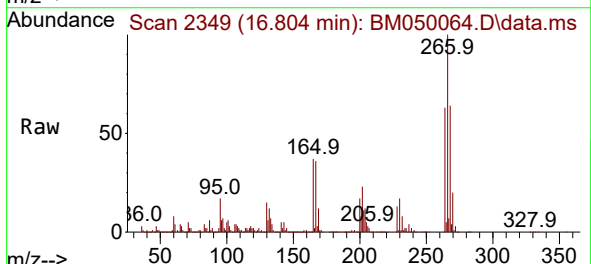
Instrument :
 BNA_M
 ClientSampleId :
 PB167779BS

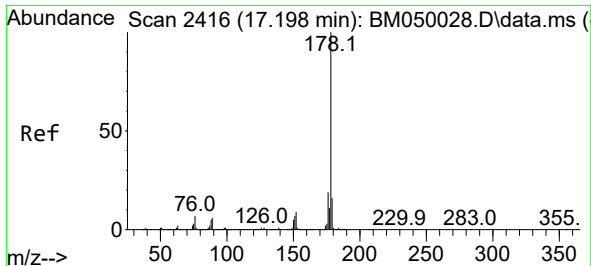
Tgt Ion:200 Resp: 629300
 Ion Ratio Lower Upper
 200 100
 173 24.1 4.3 44.3
 215 50.3 30.6 70.6



#70
 Pentachlorophenol
 Concen: 111.818 ng
 RT: 16.804 min Scan# 2349
 Delta R.T. -0.017 min
 Lab File: BM050064.D
 Acq: 01 May 2025 14:43

Tgt Ion:266 Resp: 1076855
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.2 76.8
 264 63.2 49.6 74.4

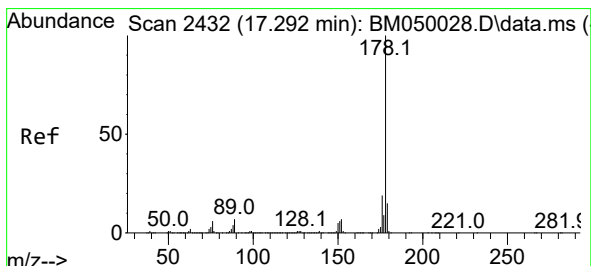
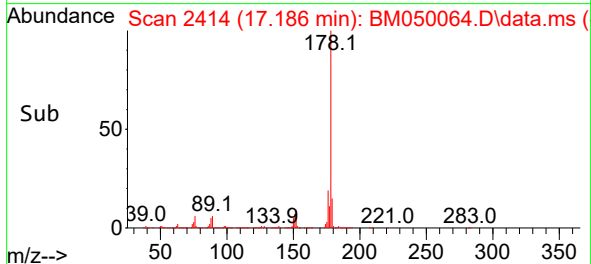
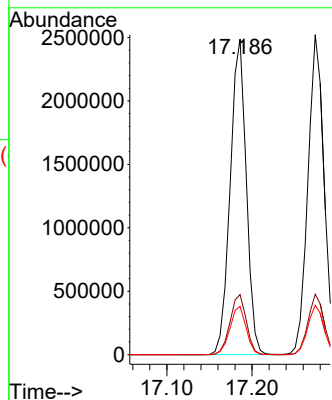
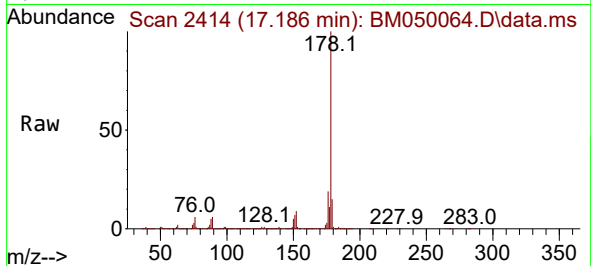




#71
Phenanthrene
Concen: 47.108 ng
RT: 17.186 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

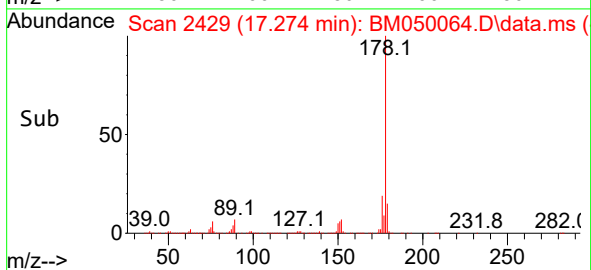
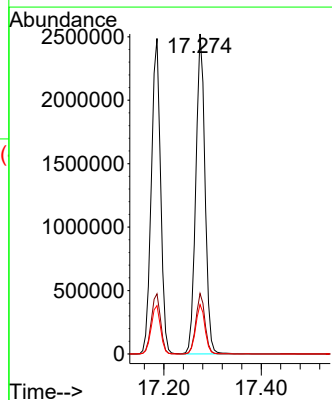
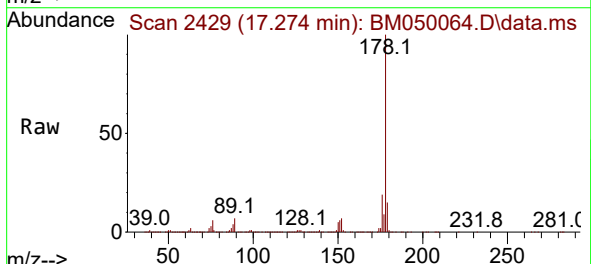
Instrument :
BNA_M
ClientSampleId :
PB167779BS

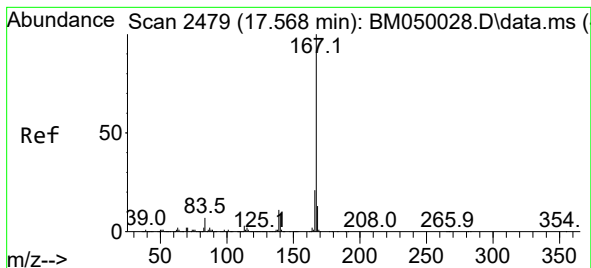
Tgt Ion:178 Resp: 3261083
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.4 18.6



#72
Anthracene
Concen: 47.458 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:178 Resp: 3324709
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4





#73

Carbazole

Concen: 46.612 ng

RT: 17.551 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

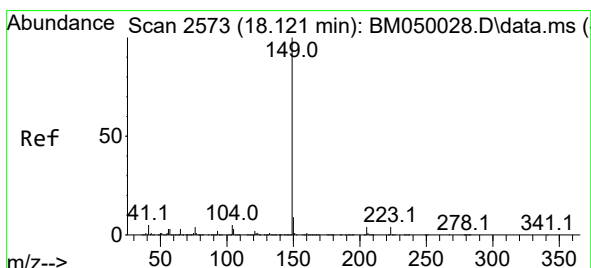
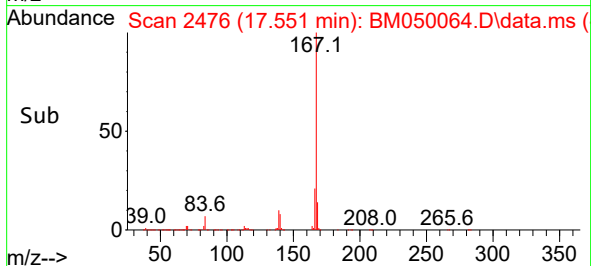
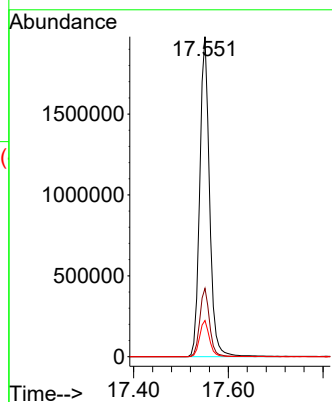
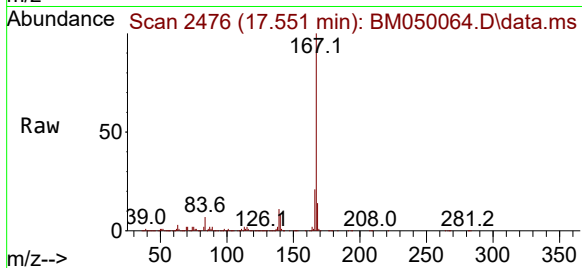
Tgt Ion:167 Resp: 2833553

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 11.3 9.0 13.6



#74

Di-n-butylphthalate

Concen: 45.540 ng

RT: 18.109 min Scan# 2571

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

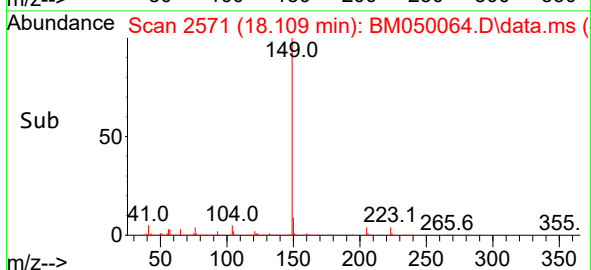
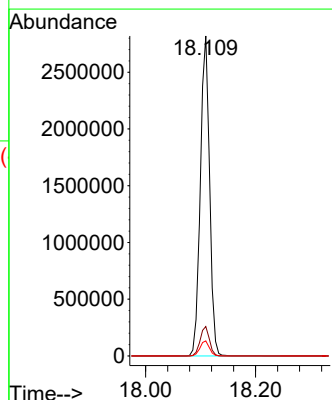
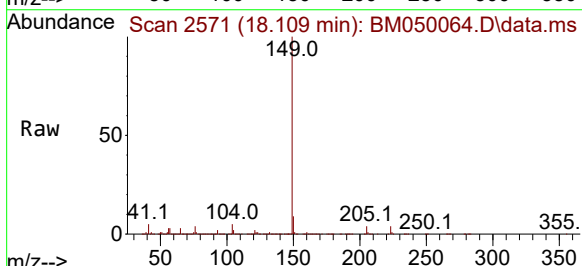
Tgt Ion:149 Resp: 3296858

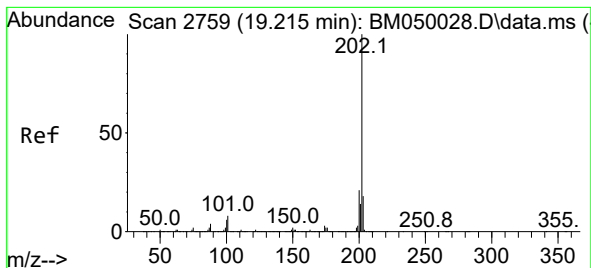
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 48.000 ng

RT: 19.203 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

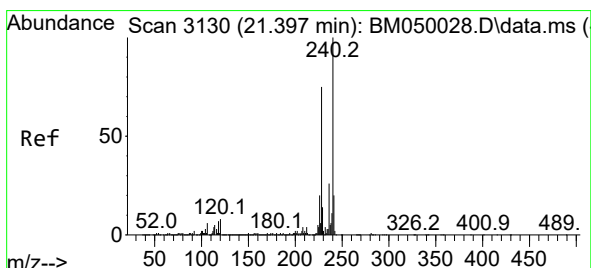
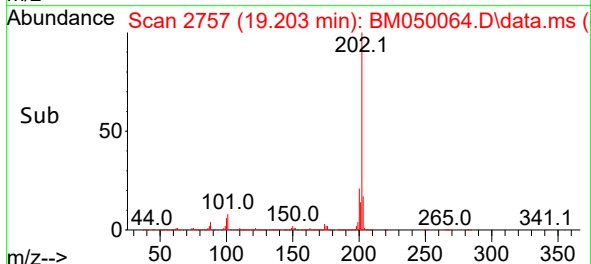
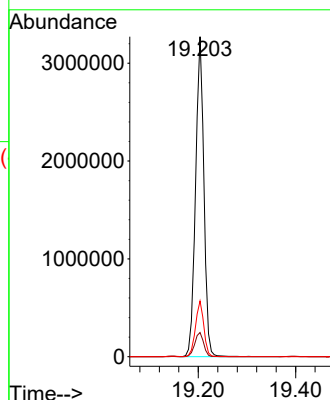
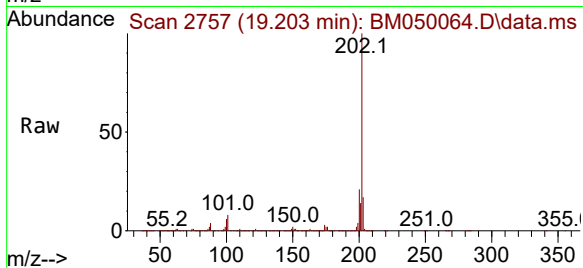
Tgt Ion:202 Resp: 3901183

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.0

203 17.4 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.017 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

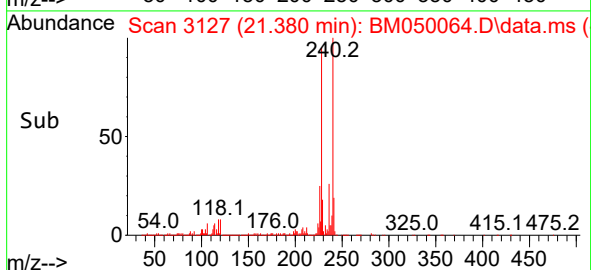
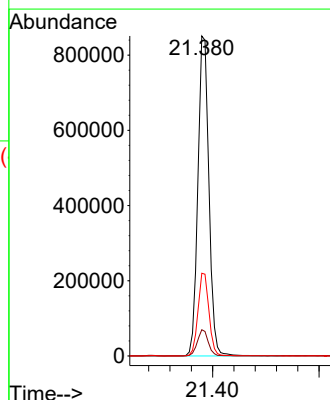
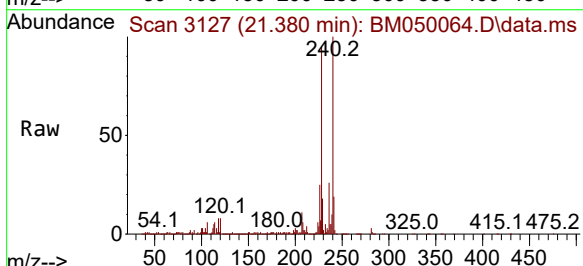
Tgt Ion:240 Resp: 1219126

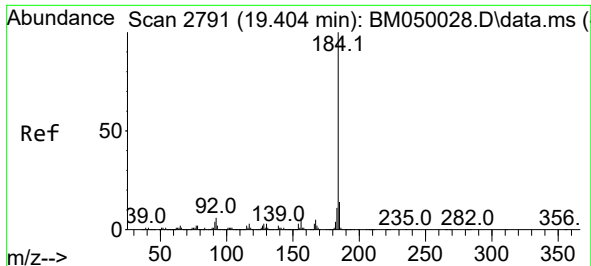
Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 25.9 20.9 31.3

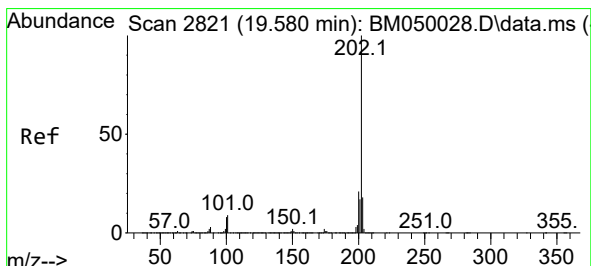
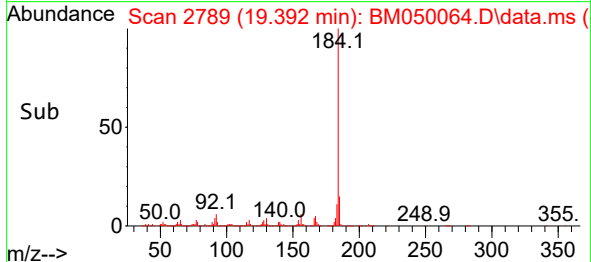
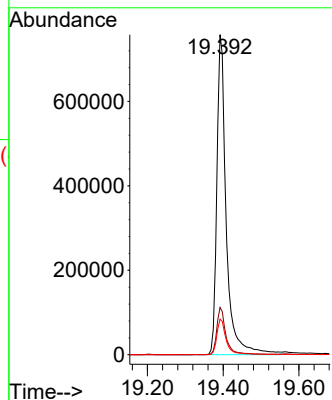
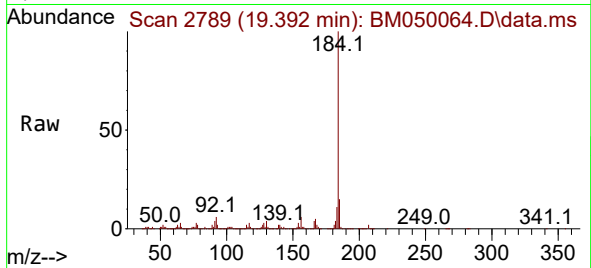




#77
Benzidine
Concen: 30.111 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

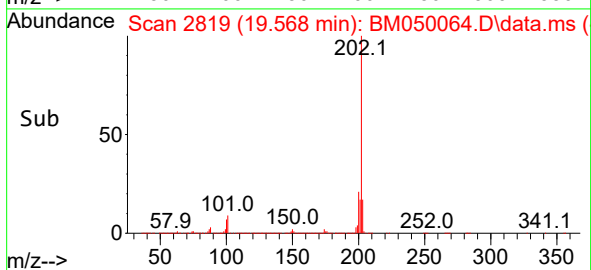
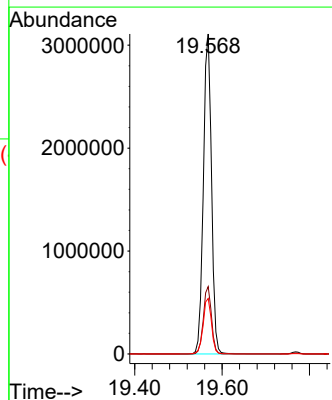
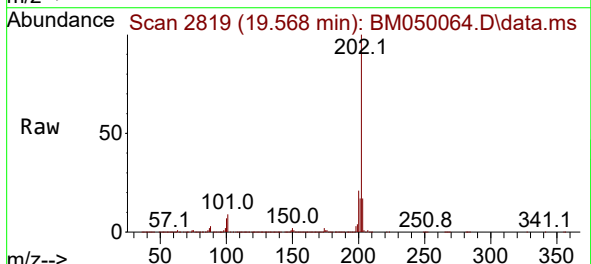
Instrument :
BNA_M
ClientSampleId :
PB167779BS

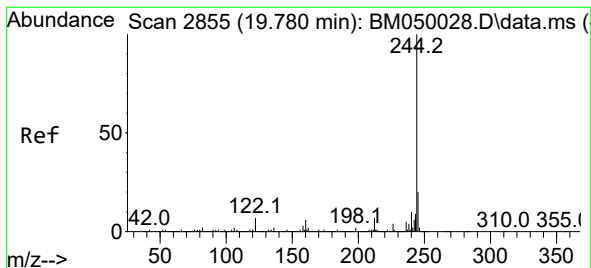
Tgt Ion:184 Resp: 1303939
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 47.002 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:202 Resp: 4023852
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 88.790 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050064.D

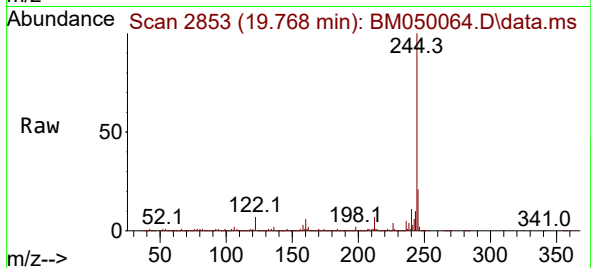
Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS



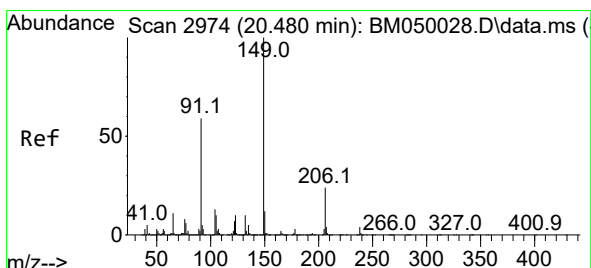
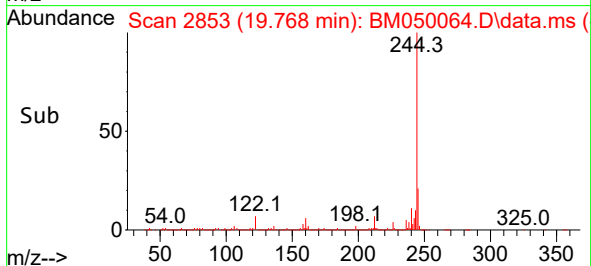
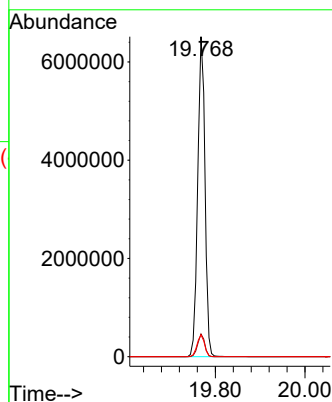
Tgt Ion:244 Resp: 7315200

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 43.946 ng

RT: 20.462 min Scan# 2971

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

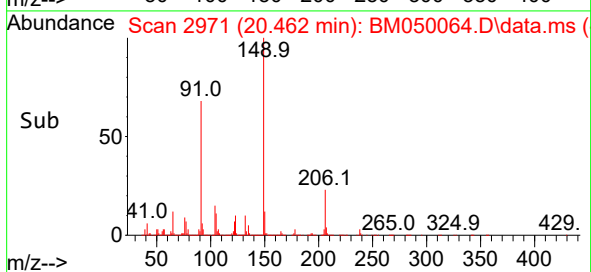
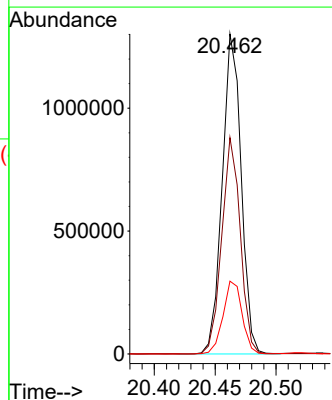
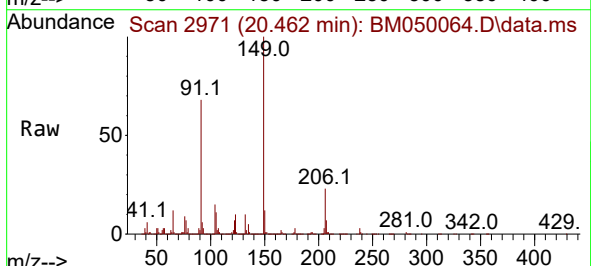
Tgt Ion:149 Resp: 1409106

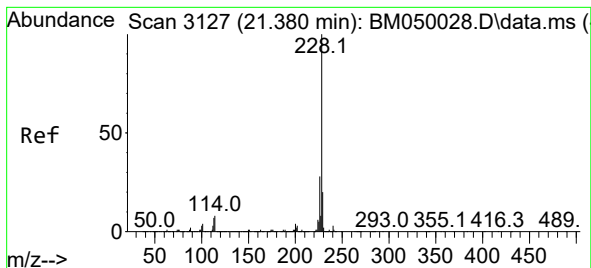
Ion Ratio Lower Upper

149 100

91 67.6 47.4 71.2

206 22.8 19.4 29.0





#81

Benzo(a)anthracene

Concen: 47.112 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

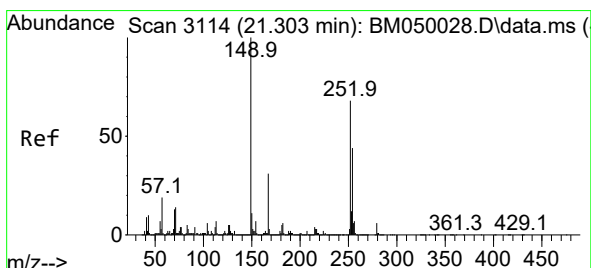
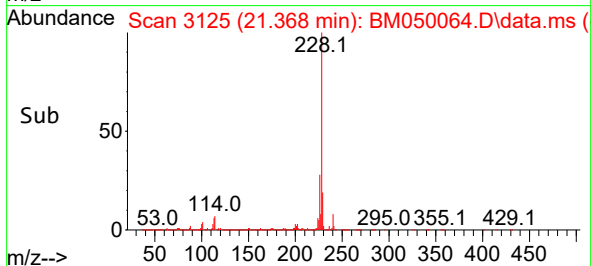
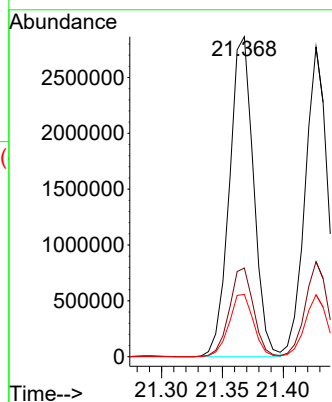
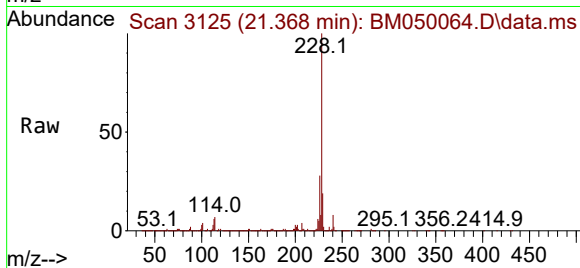
Tgt Ion:228 Resp: 3955177

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 24.784 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

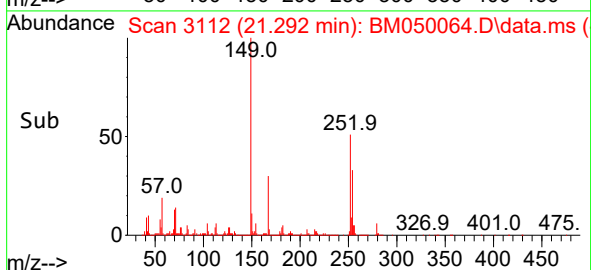
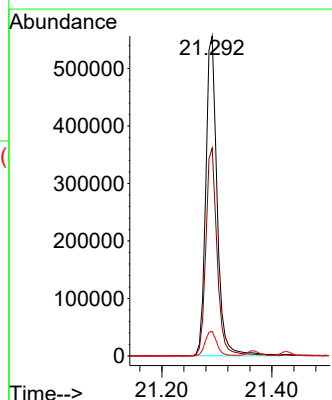
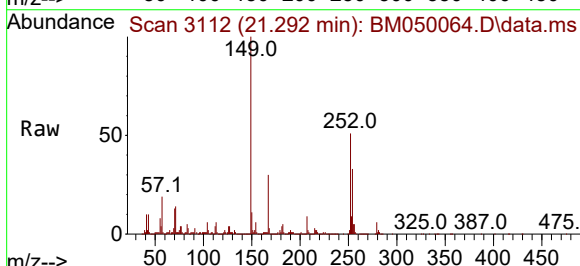
Tgt Ion:252 Resp: 796508

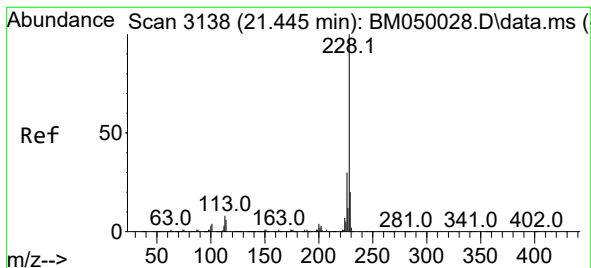
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.6

126 7.6 6.0 9.0





#83

Chrysene

Concen: 46.400 ng

RT: 21.427 min Scan# 3111

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

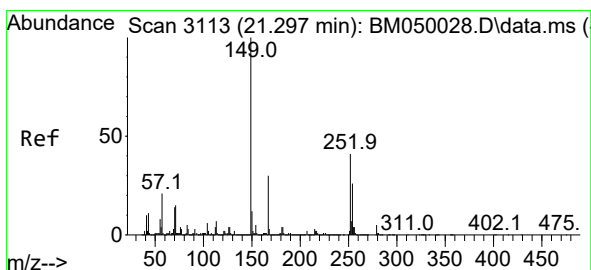
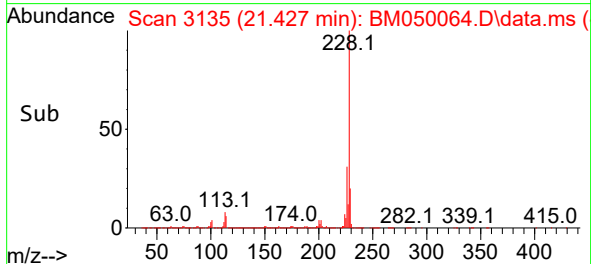
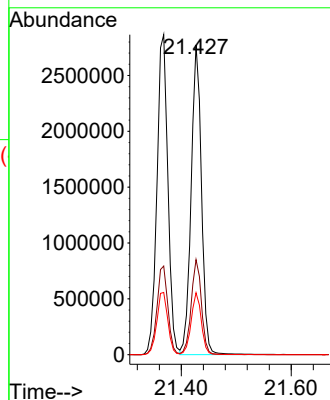
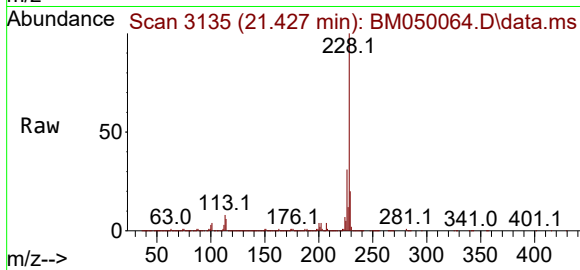
Tgt Ion:228 Resp: 3605282

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.844 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

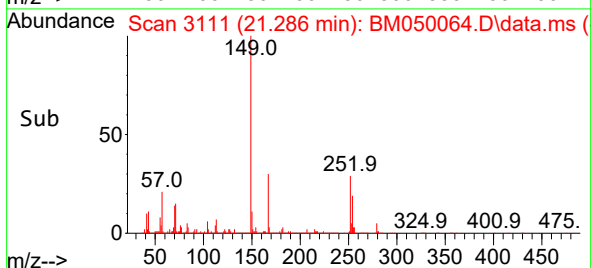
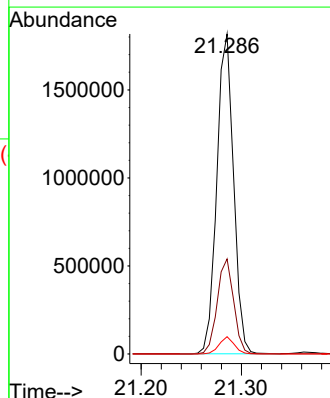
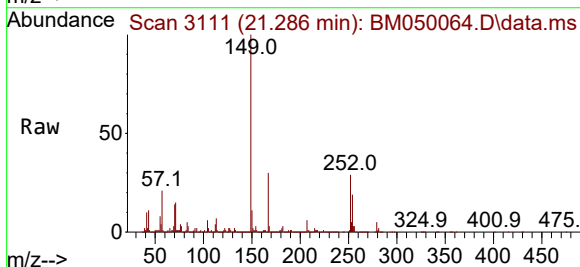
Tgt Ion:149 Resp: 2099844

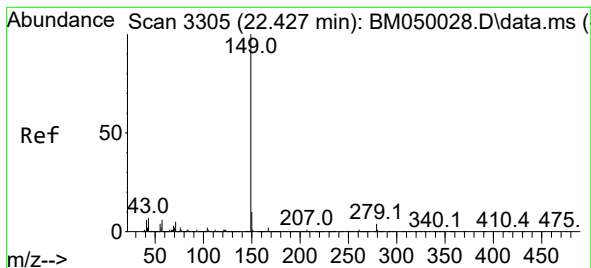
Ion Ratio Lower Upper

149 100

167 29.7 24.1 36.1

279 5.4 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.556 ng

RT: 22.409 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

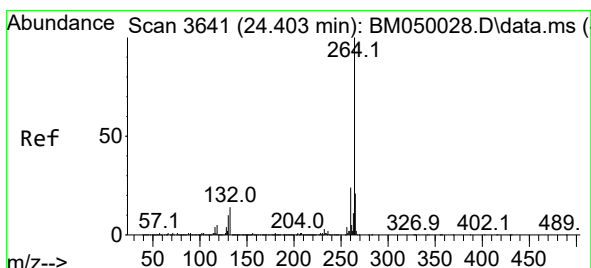
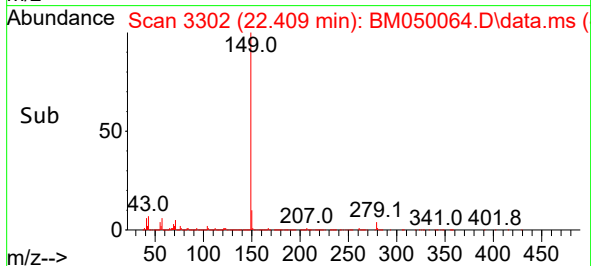
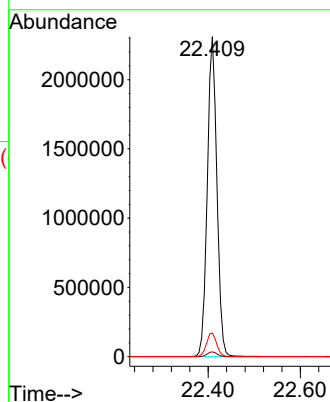
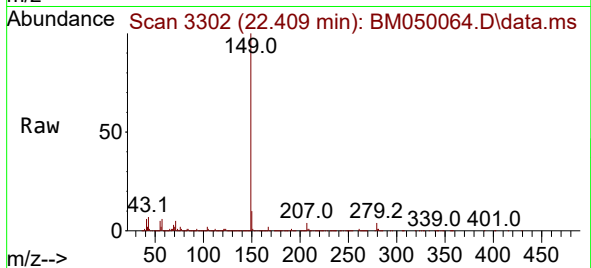
Tgt Ion:149 Resp: 3361210

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.8 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.029 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

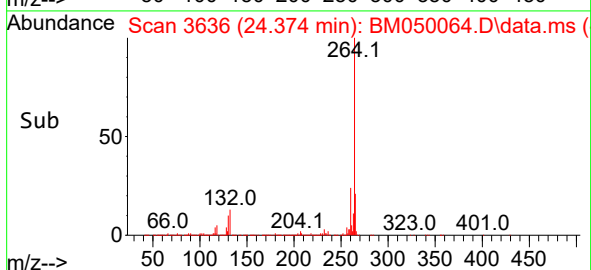
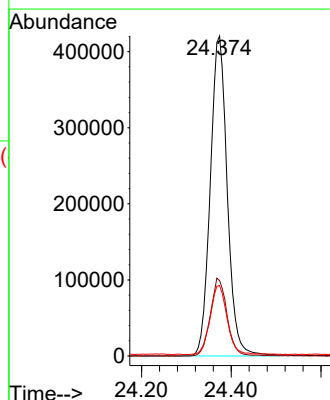
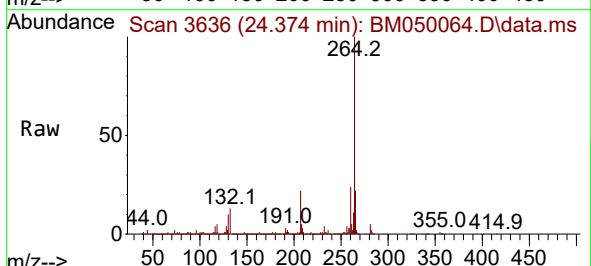
Tgt Ion:264 Resp: 1104893

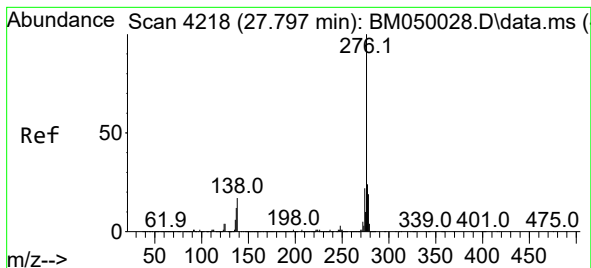
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.344 ng

RT: 27.756 min Scan# 41

Delta R.T. -0.041 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

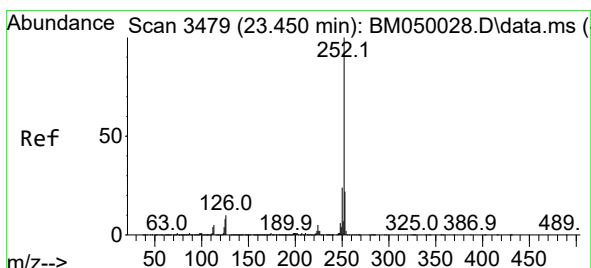
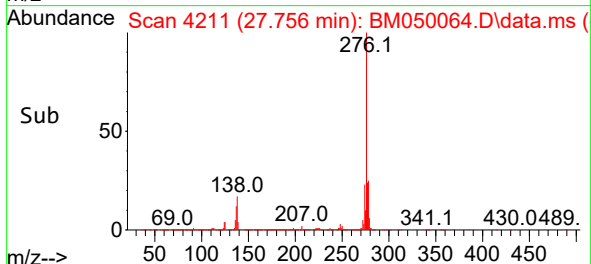
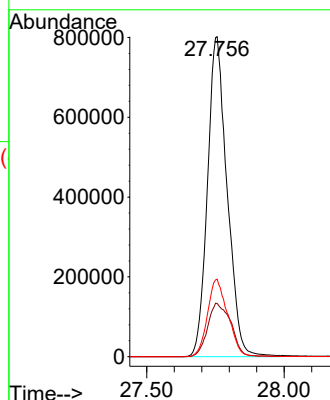
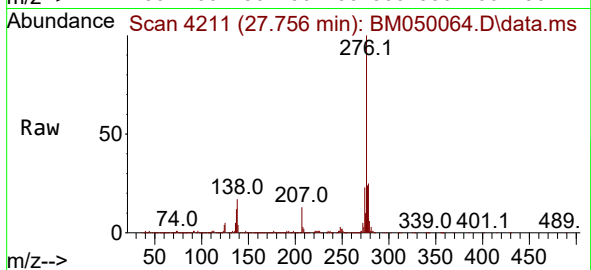
Tgt Ion:276 Resp: 3980042

Ion Ratio Lower Upper

276 100

138 19.9 16.4 24.6

277 25.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 48.984 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

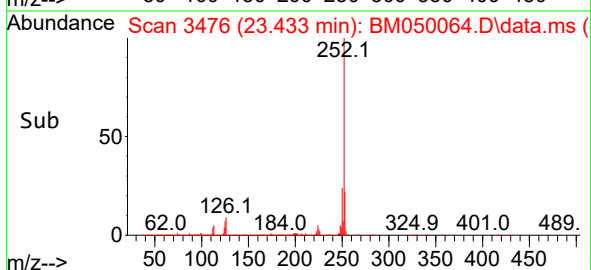
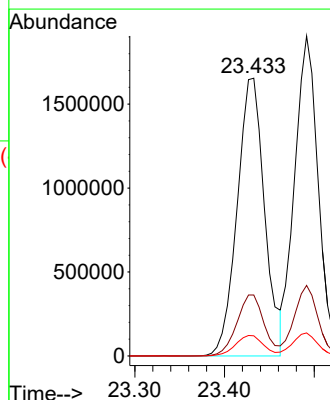
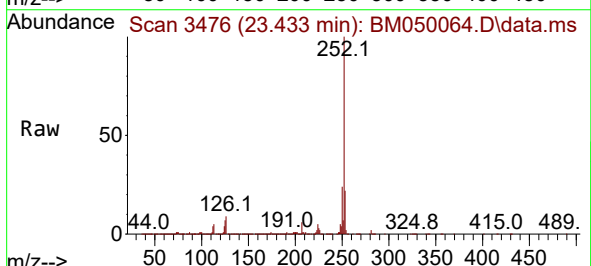
Tgt Ion:252 Resp: 3519712

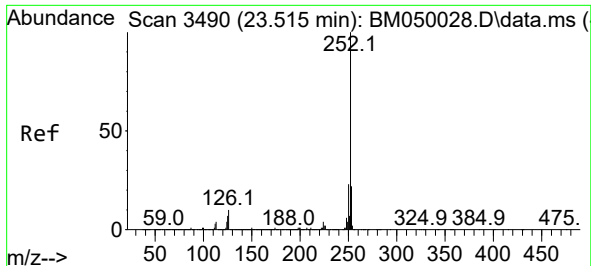
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.3 6.1 9.1

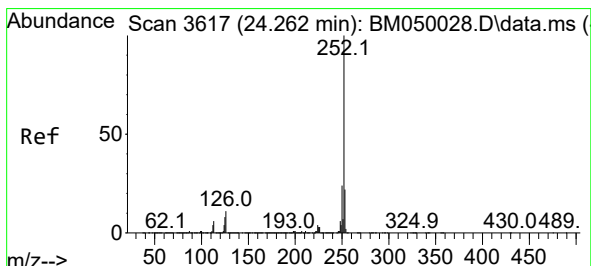
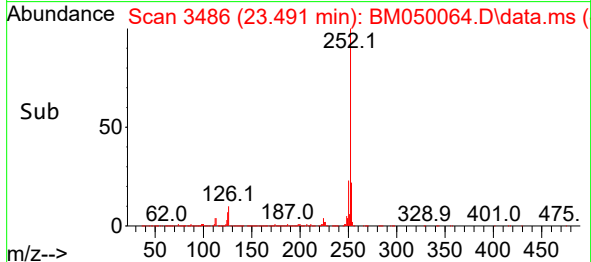
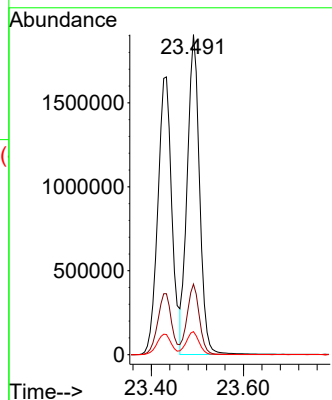
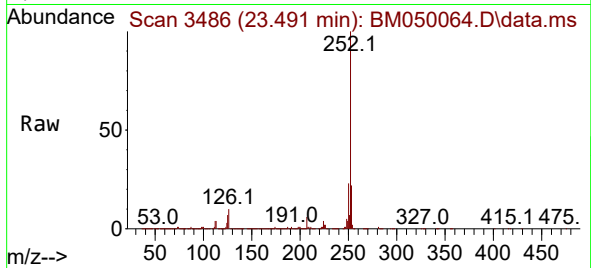




#89
Benzo(k)fluoranthene
Concen: 48.385 ng
RT: 23.491 min Scan# 34
Delta R.T. -0.024 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

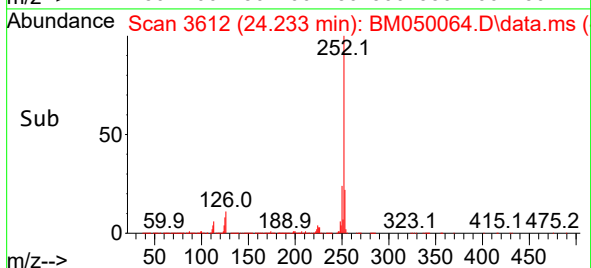
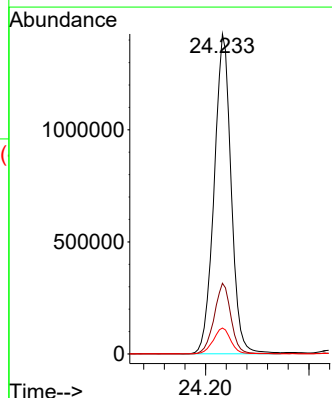
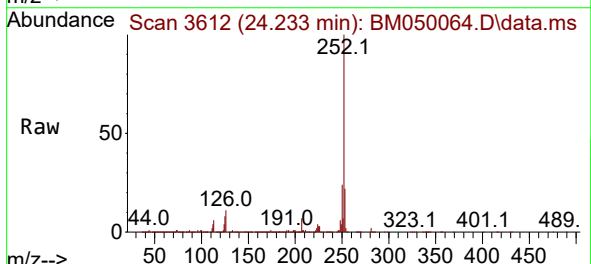
Instrument :
BNA_M
ClientSampleId :
PB167779BS

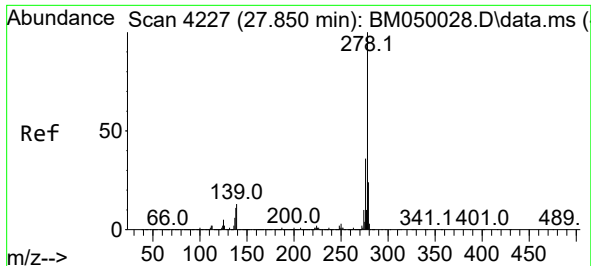
Tgt Ion:252 Resp: 3516759
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.2 5.8 8.8



#90
Benzo(a)pyrene
Concen: 48.393 ng
RT: 24.233 min Scan# 3612
Delta R.T. -0.029 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:252 Resp: 3256786
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.1 6.6 9.8

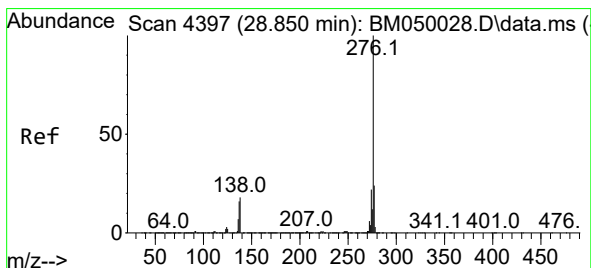
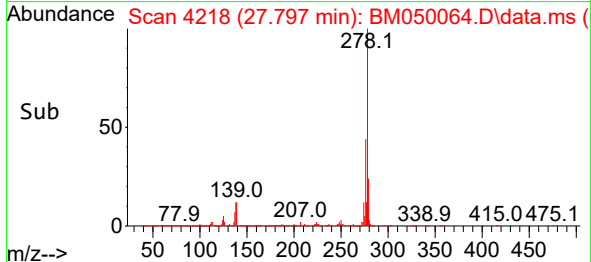
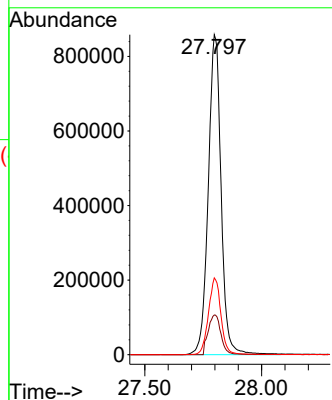
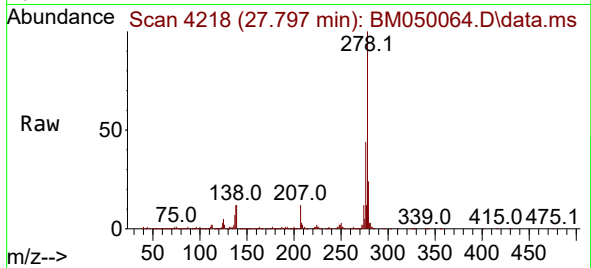




#91
Dibenzo(a,h)anthracene
Concen: 48.827 ng
RT: 27.797 min Scan# 4388
Delta R.T. -0.053 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Instrument :
BNA_M
ClientSampleId :
PB167779BS

Tgt Ion:278 Resp: 3276826
Ion Ratio Lower Upper
278 100
139 12.4 10.5 15.7
279 24.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 47.762 ng
RT: 28.797 min Scan# 4388
Delta R.T. -0.053 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:276 Resp: 3068716
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 17.2 14.3 21.5

