

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050040.D
 Acq On : 29 Apr 2025 12:58
 Operator : RC/JU
 Sample : PB167729BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167729BS

Quant Time: Apr 29 13:33:48 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	7.763	152	269893	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	961152	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	608153	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1141685	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1074284	20.000	ng	0.00
86) Perylene-d12	24.397	264	1054033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2054378	133.289	ng	0.00
7) Phenol-d6	6.951	99	2536788	130.950	ng	0.00
23) Nitrobenzene-d5	8.928	82	1466426	75.181	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1195862	132.987	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3957723	76.986	ng	0.00
79) Terphenyl-d14	19.780	244	6028843	83.043	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.251	88	222621	33.686	ng	99
3) Pyridine	3.651	79	622472	36.660	ng	97
4) n-Nitrosodimethylamine	3.563	42	268473	40.314	ng	99
6) Aniline	7.098	93	587160	24.003	ng	99
8) 2-Chlorophenol	7.339	128	712440	42.751	ng	99
9) Benzaldehyde	6.910	77	325538	25.111	ng	100
10) Phenol	6.975	94	873613	44.547	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	664141	40.556	ng	100
12) 1,3-Dichlorobenzene	7.657	146	799721	39.727	ng	99
13) 1,4-Dichlorobenzene	7.798	146	809360	40.021	ng	99
14) 1,2-Dichlorobenzene	8.116	146	781982	40.029	ng	99
15) Benzyl Alcohol	8.010	79	568432	42.311	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.286	45	805029	40.442	ng	99
17) 2-Methylphenol	8.222	107	557394	43.144	ng	99
18) Hexachloroethane	8.839	117	286959	39.916	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	498325	40.108	ng	100
20) 3+4-Methylphenols	8.551	107	746935	42.812	ng	96
22) Acetophenone	8.586	105	980431	41.029	ng	# 98
24) Nitrobenzene	8.969	77	707532	41.951	ng	98
25) Isophorone	9.492	82	1319623	39.689	ng	98
26) 2-Nitrophenol	9.680	139	367607	42.665	ng	99
27) 2,4-Dimethylphenol	9.745	122	621972	43.529	ng	98
28) bis(2-Chloroethoxy)met...	9.969	93	846555	41.194	ng	100
29) 2,4-Dichlorophenol	10.227	162	709498	44.323	ng	100
30) 1,2,4-Trichlorobenzene	10.422	180	792629	40.642	ng	100
31) Naphthalene	10.610	128	1999582	41.080	ng	99
32) Benzoic acid	9.916	122	386427	42.285	ng	99
33) 4-Chloroaniline	10.733	127	268271	13.446	ng	98
34) Hexachlorobutadiene	10.892	225	502242	40.569	ng	100
35) Caprolactam	11.521	113	182413	39.083	ng	92
36) 4-Chloro-3-methylphenol	11.869	107	624003	42.193	ng	100
37) 2-Methylnaphthalene	12.221	142	1320802	40.473	ng	99
38) 1-Methylnaphthalene	12.445	142	1387555	40.177	ng	99
40) 1,2,4,5-Tetrachloroben...	12.598	216	916829	43.549	ng	99
41) Hexachlorocyclopentadiene	12.574	237	1281695	99.621	ng	100
43) 2,4,6-Trichlorophenol	12.845	196	598998	44.859	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050040.D
 Acq On : 29 Apr 2025 12:58
 Operator : RC/JU
 Sample : PB167729BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167729BS

Quant Time: Apr 29 13:33:48 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

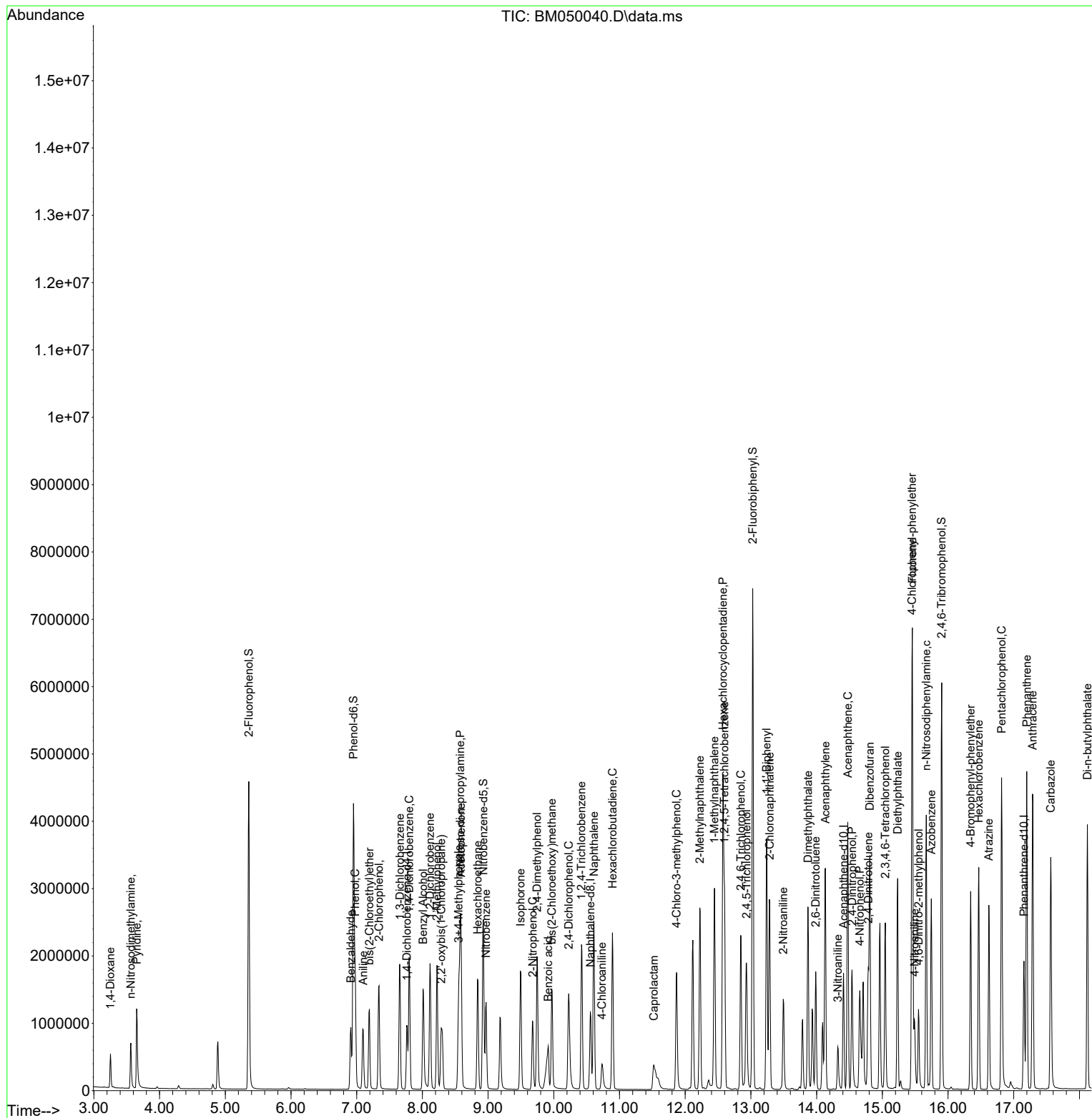
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	639370	44.403	ng	100
46) 1,1'-Biphenyl	13.239	154	1938887	42.889	ng	99
47) 2-Chloronaphthalene	13.286	162	1526561	42.637	ng	99
48) 2-Nitroaniline	13.492	65	365838	43.535	ng	96
49) Acenaphthylene	14.133	152	2392982	42.390	ng	100
50) Dimethylphthalate	13.868	163	1850111	41.627	ng	100
51) 2,6-Dinitrotoluene	13.986	165	395898	43.023	ng	96
52) Acenaphthene	14.474	154	1386169	42.421	ng	100
53) 3-Nitroaniline	14.321	138	188101	21.411	ng	100
54) 2,4-Dinitrophenol	14.539	184	500295	84.598	ng	98
55) Dibenzofuran	14.810	168	2269999	41.754	ng	100
56) 4-Nitrophenol	14.657	139	606531	84.586	ng	98
57) 2,4-Dinitrotoluene	14.786	165	548846	43.164	ng	98
58) Fluorene	15.457	166	1912078	42.968	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	536088	43.011	ng	99
60) Diethylphthalate	15.233	149	1717203	41.004	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	1058040	43.287	ng	99
62) 4-Nitroaniline	15.492	138	346266	40.852	ng	100
63) Azobenzene	15.745	77	1488108	42.399	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	319286	44.677	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1567999	44.726	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	604278	43.769	ng	98
68) Hexachlorobenzene	16.468	284	697068	43.801	ng	97
69) Atrazine	16.621	200	544460	43.054	ng	99
70) Pentachlorophenol	16.815	266	902632	100.762	ng	98
71) Phenanthrene	17.198	178	2807497	43.600	ng	99
72) Anthracene	17.286	178	2880577	44.205	ng	99
73) Carbazole	17.562	167	2435722	43.075	ng	100
74) Di-n-butylphthalate	18.121	149	2832214	42.058	ng	100
75) Fluoranthene	19.215	202	3226174	42.674	ng	100
77) Benzidine	19.409	184	1094565	28.684	ng	100
78) Pyrene	19.580	202	3318333	43.987	ng	100
80) Butylbenzylphthalate	20.474	149	1200717	42.496	ng	94
81) Benzo(a)anthracene	21.380	228	3270859	44.214	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	582534	20.570	ng	99
83) Chrysene	21.444	228	2987144	43.628	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1812796	42.954	ng	99
85) Di-n-octyl phthalate	22.427	149	2993996	43.017	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	3671724	46.751	ng	100
88) Benzo(b)fluoranthene	23.450	252	3051800	44.521	ng	99
89) Benzo(k)fluoranthene	23.515	252	3072007	44.305	ng	100
90) Benzo(a)pyrene	24.256	252	2860922	44.562	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	3013923	47.076	ng	99
92) Benzo(g,h,i)perylene	28.844	276	2852758	46.543	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050040.D
Acq On : 29 Apr 2025 12:58
Operator : RC/JU
Sample : PB167729BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

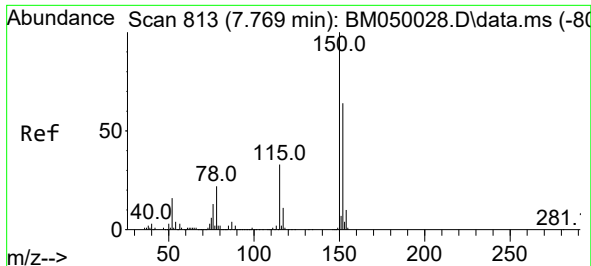
Instrument :
BNA_M
ClientSampleId :
PB167729BS

Quant Time: Apr 29 13:33:48 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



Quant Time: Apr 29 13:33:48 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

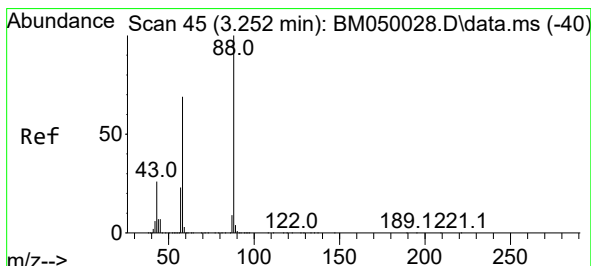
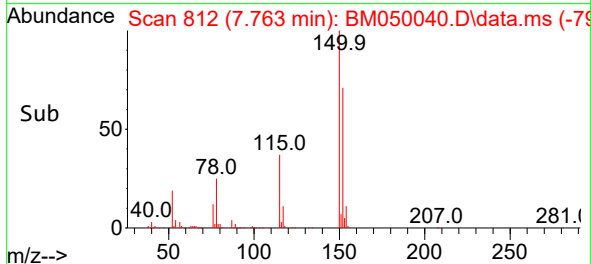
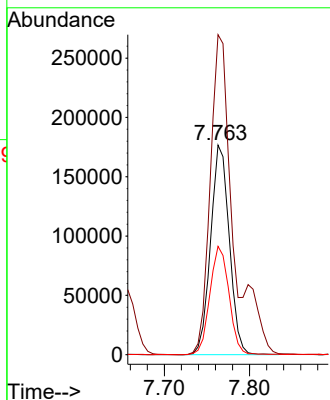
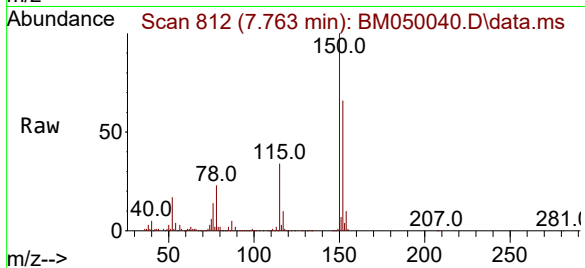




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

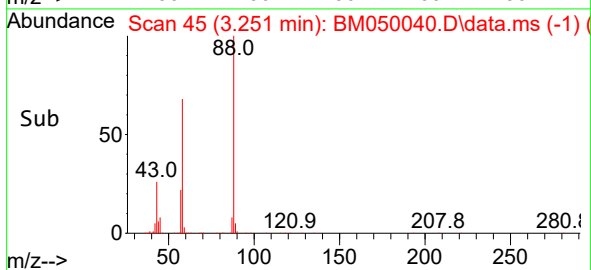
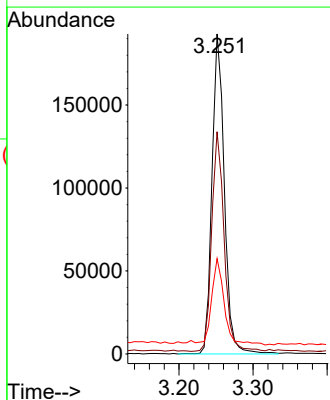
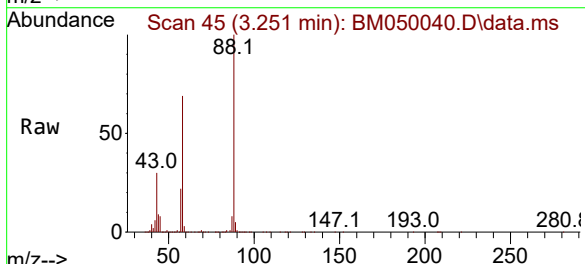
Instrument :
BNA_M
ClientSampleId :
PB167729BS

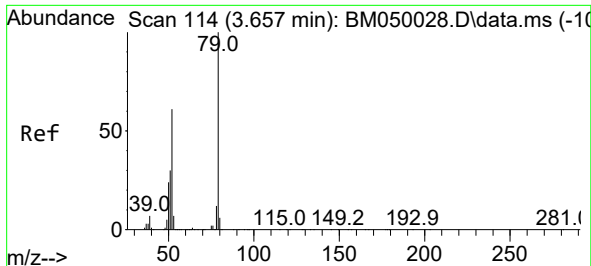
Tgt Ion:152 Resp: 269893
Ion Ratio Lower Upper
152 100
150 152.6 124.1 186.1
115 51.7 41.2 61.8



#2
1,4-Dioxane
Concen: 33.686 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 88 Resp: 222621
Ion Ratio Lower Upper
88 100
58 68.9 55.1 82.7
43 27.6 20.9 31.3

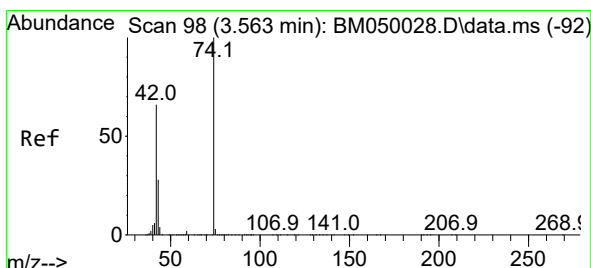
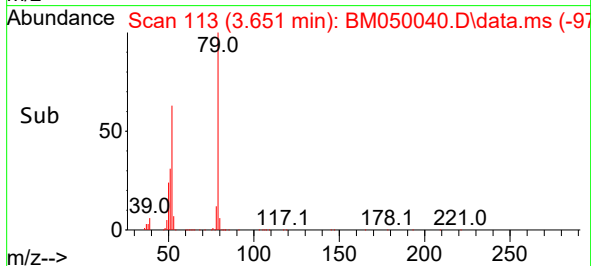
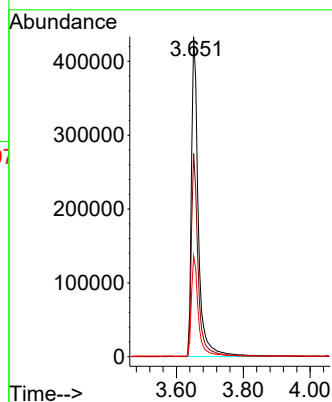
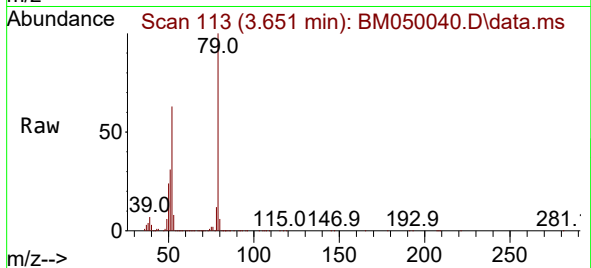




#3
Pyridine
Concen: 36.660 ng
RT: 3.651 min Scan# 114
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

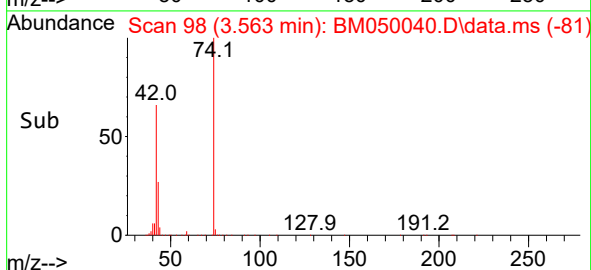
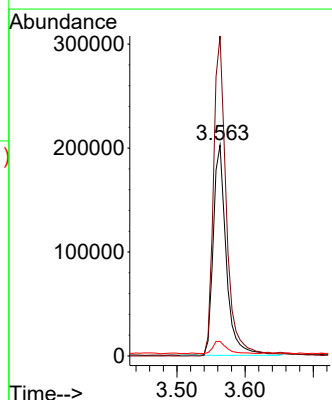
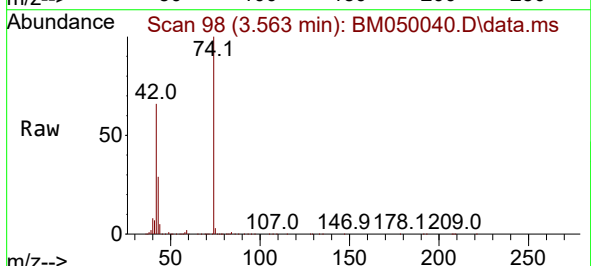
Instrument :
BNA_M
ClientSampleId :
PB167729BS

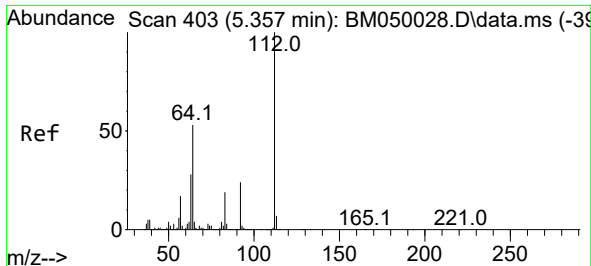
Tgt Ion: 79 Resp: 622472
Ion Ratio Lower Upper
79 100
52 63.4 48.6 72.8
51 31.5 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 40.314 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 42 Resp: 268473
Ion Ratio Lower Upper
42 100
74 151.8 120.2 180.2
44 6.9 6.2 9.2

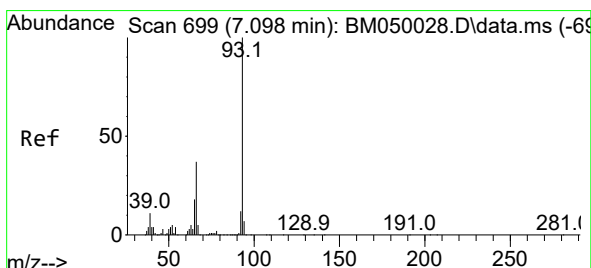
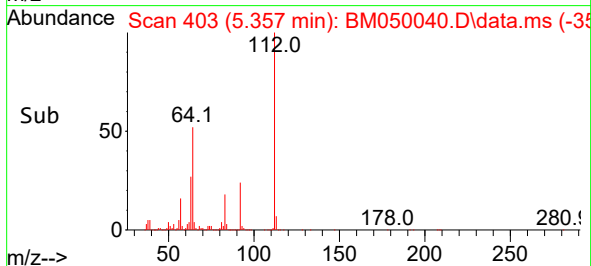
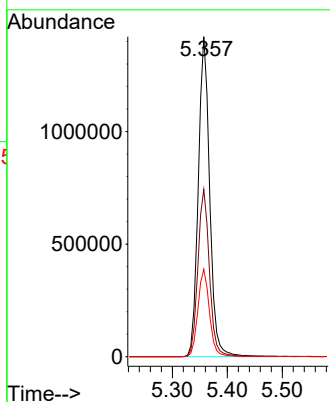
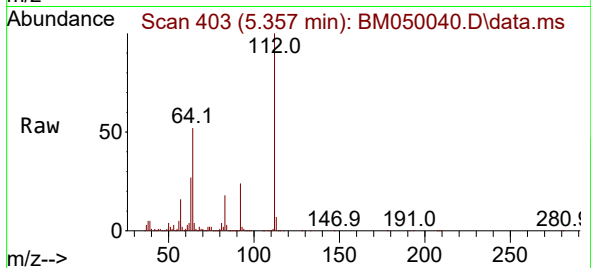




#5
2-Fluorophenol
Concen: 133.289 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

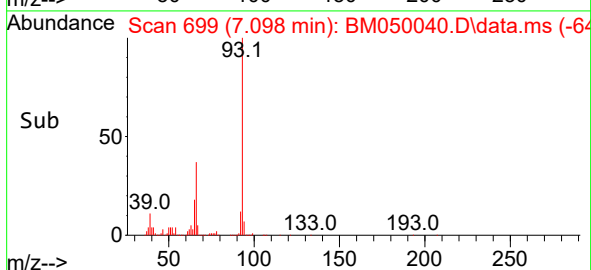
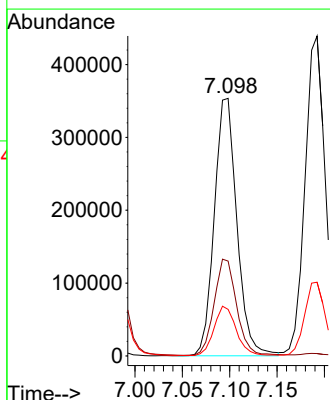
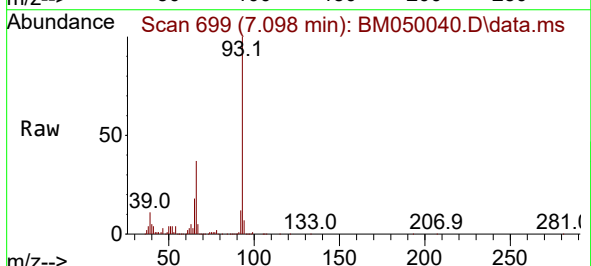
Instrument :
BNA_M
ClientSampleId :
PB167729BS

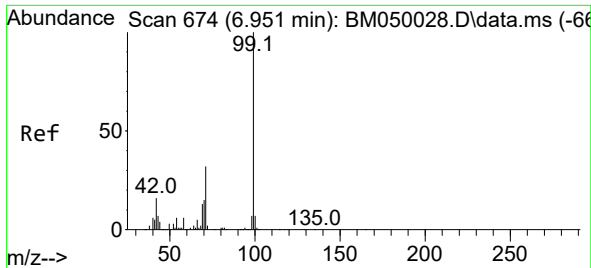
Tgt Ion:112 Resp: 2054378
Ion Ratio Lower Upper
112 100
64 52.3 42.6 64.0
63 27.3 22.2 33.4



#6
Aniline
Concen: 24.003 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 93 Resp: 587160
Ion Ratio Lower Upper
93 100
66 36.8 29.9 44.9
65 18.1 14.5 21.7



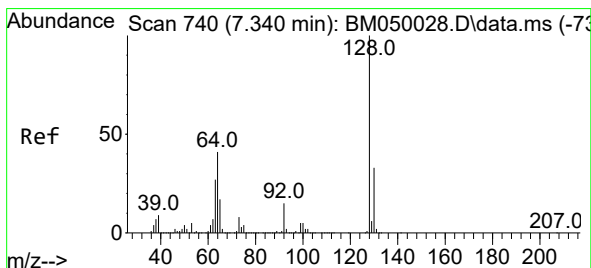
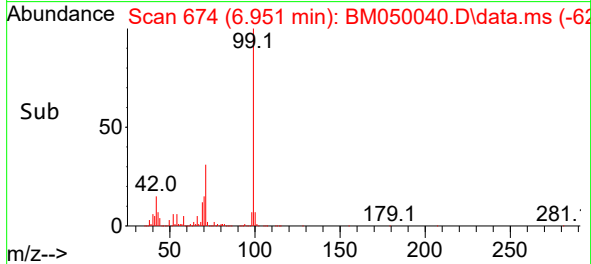
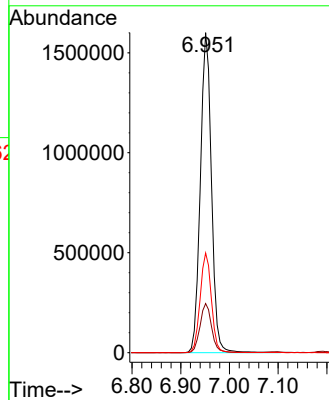
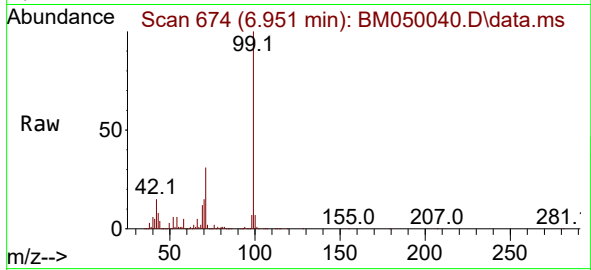


#7
Phenol-d6
Concen: 130.950 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Instrument :
BNA_M
ClientSampleId :
PB167729BS

Tgt Ion: 99 Resp: 2536788

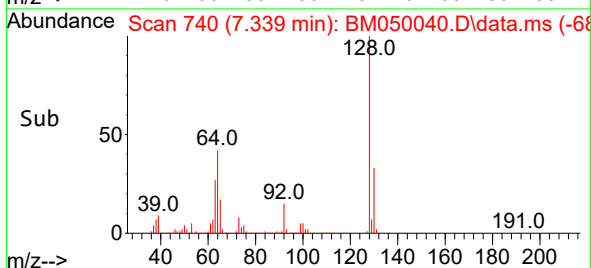
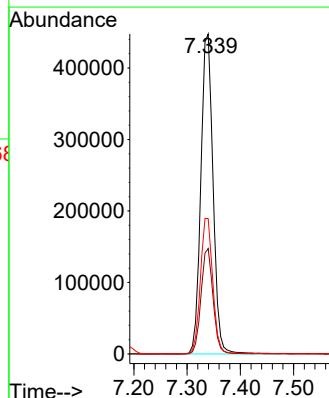
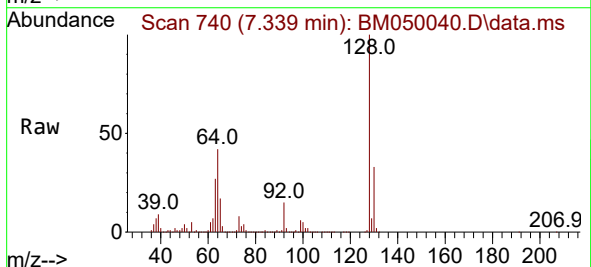
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	31.1	25.6	38.4

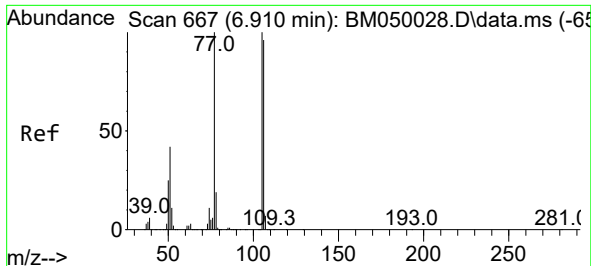


#8
2-Chlorophenol
Concen: 42.751 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 128 Resp: 712440

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	42.3	21.2	61.2

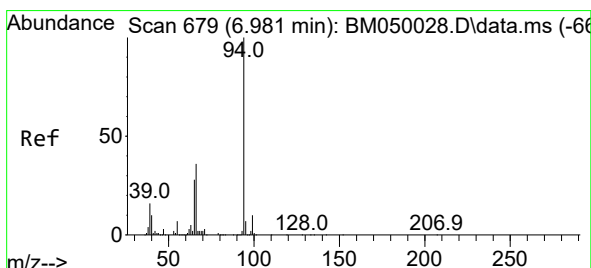
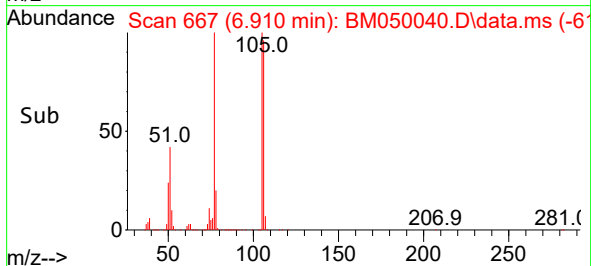
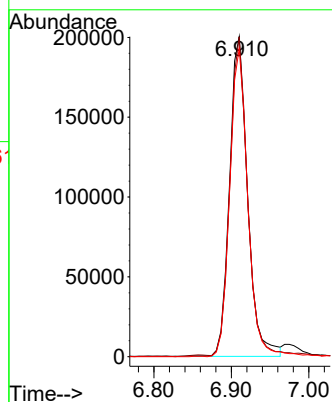
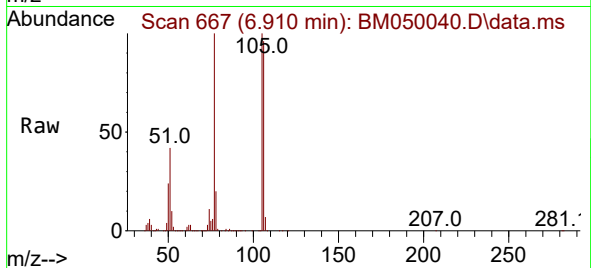




#9
Benzaldehyde
Concen: 25.111 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

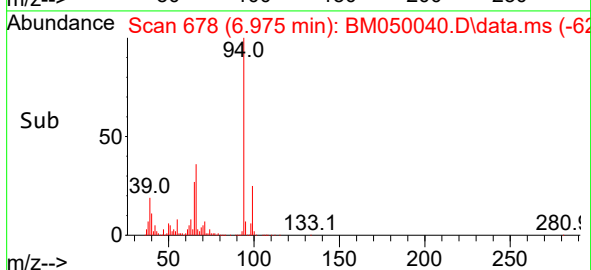
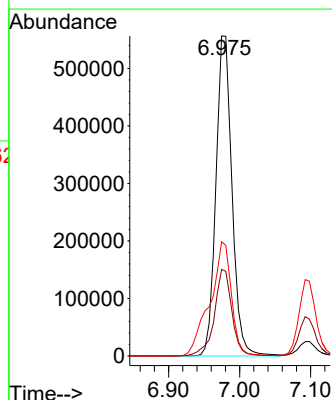
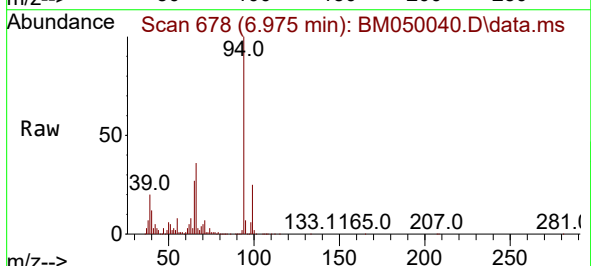
Instrument :
BNA_M
ClientSampleId :
PB167729BS

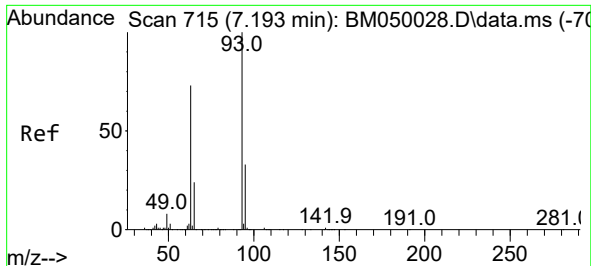
Tgt Ion: 77 Resp: 325538
Ion Ratio Lower Upper
77 100
105 100.0 80.5 120.5
106 96.3 76.1 116.1



#10
Phenol
Concen: 44.547 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 94 Resp: 873613
Ion Ratio Lower Upper
94 100
65 27.0 7.6 47.6
66 35.7 15.8 55.8

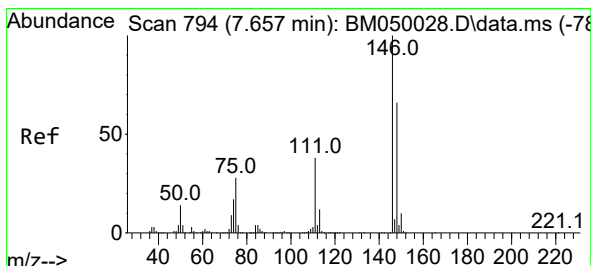
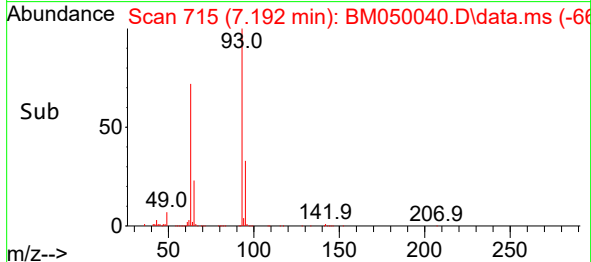
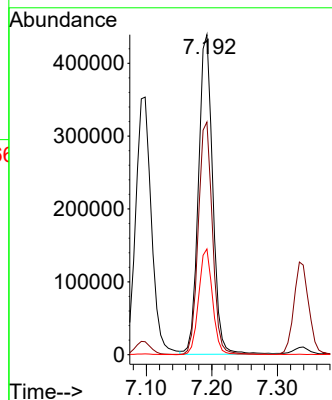
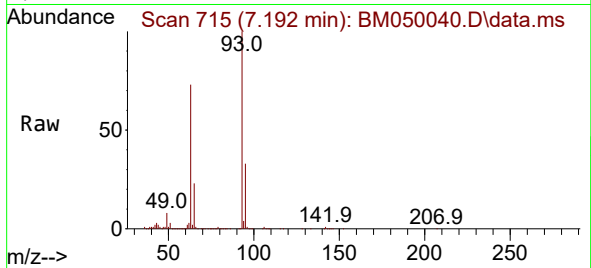




#11
bis(2-Chloroethyl)ether
Concen: 40.556 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

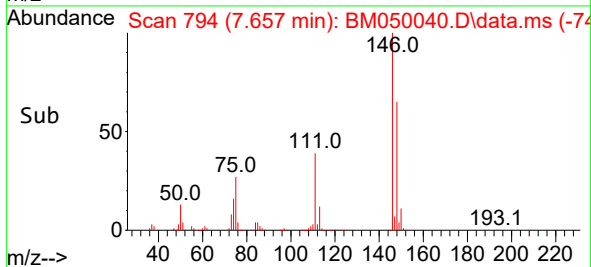
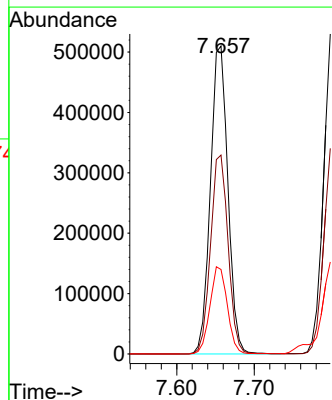
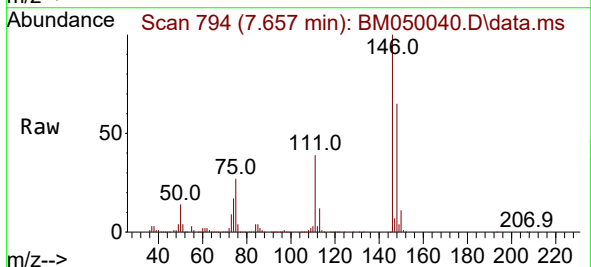
Instrument :
BNA_M
ClientSampleId :
PB167729BS

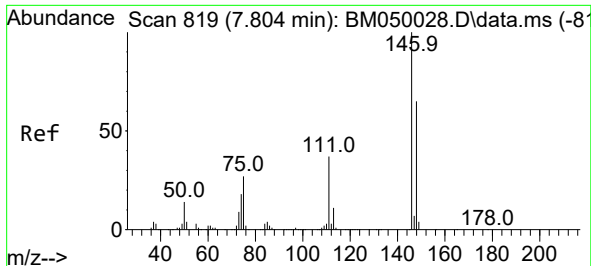
Tgt Ion: 93 Resp: 664141
Ion Ratio Lower Upper
93 100
63 72.7 52.3 92.3
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.727 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:146 Resp: 799721
Ion Ratio Lower Upper
146 100
148 64.5 52.5 78.7
75 27.4 22.6 34.0

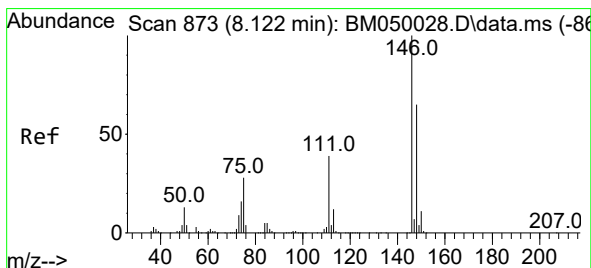
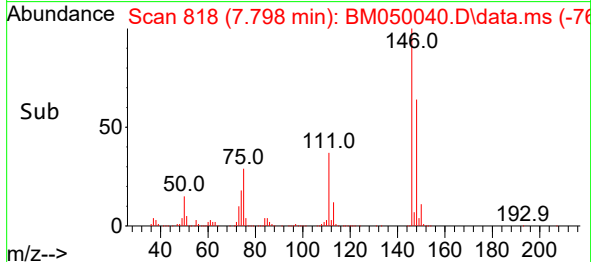
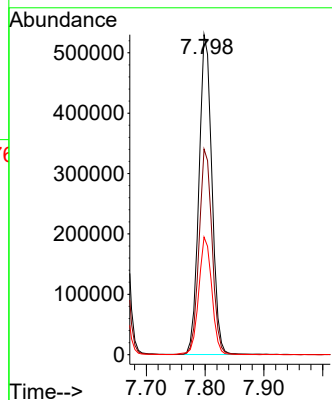
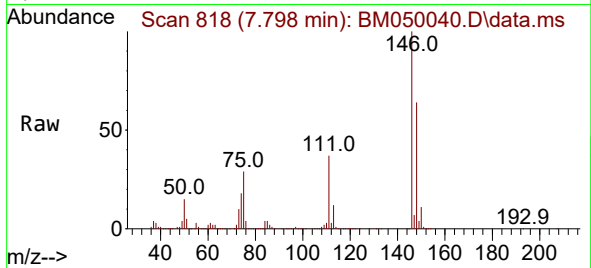




#13
1,4-Dichlorobenzene
Concen: 40.021 ng
RT: 7.798 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

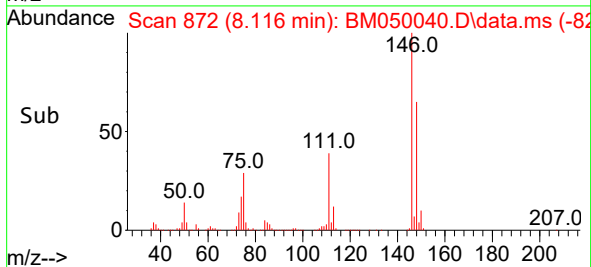
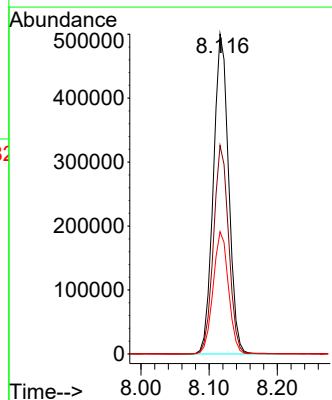
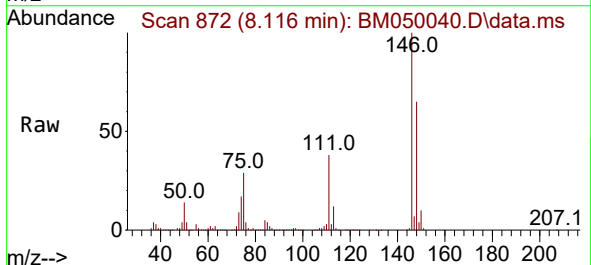
Instrument :
BNA_M
ClientSampleId :
PB167729BS

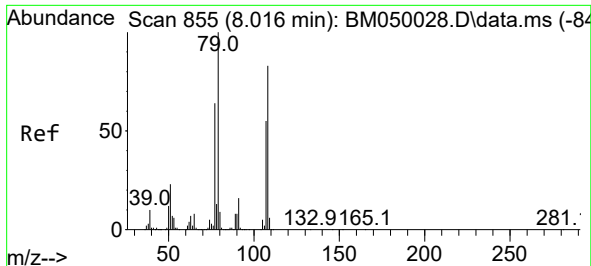
Tgt Ion:146 Resp: 809360
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
111 36.7 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 40.029 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:146 Resp: 781982
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 38.2 31.0 46.6

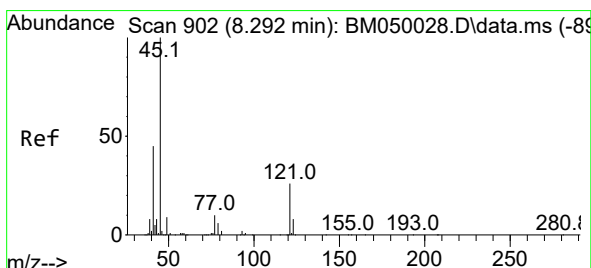
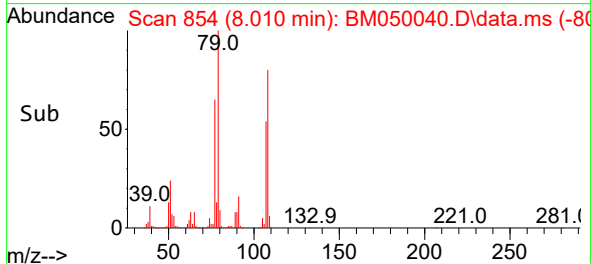
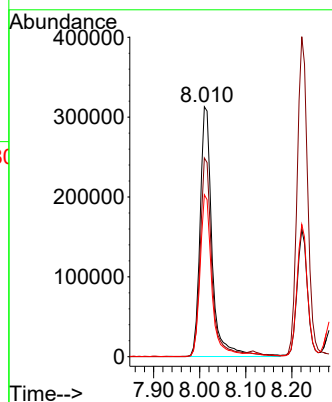
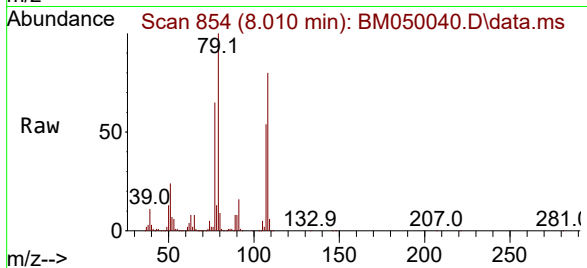




#15
Benzyl Alcohol
Concen: 42.311 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

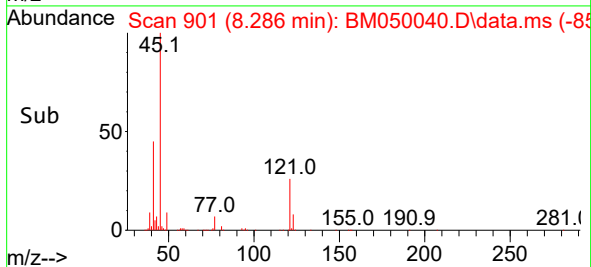
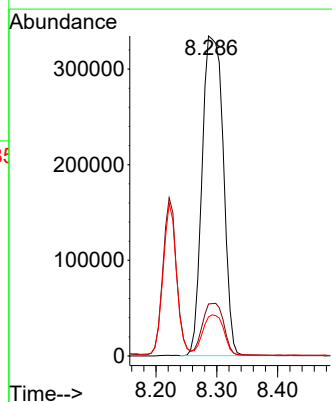
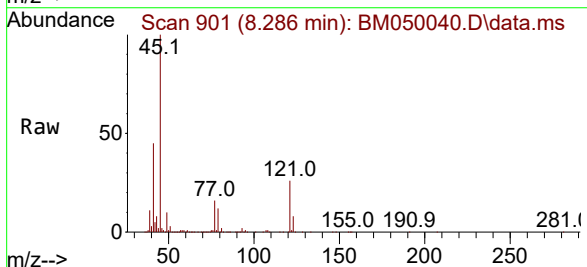
Instrument :
BNA_M
ClientSampleId :
PB167729BS

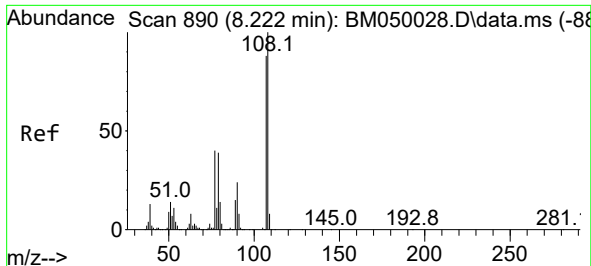
Tgt Ion: 79 Resp: 568432
Ion Ratio Lower Upper
79 100
108 79.5 66.0 99.0
77 64.8 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.442 ng
RT: 8.286 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

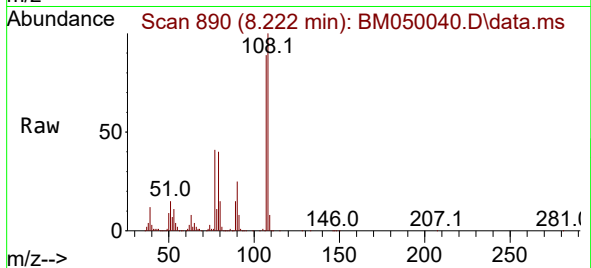
Tgt Ion: 45 Resp: 805029
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.4
79 12.2 0.0 32.7



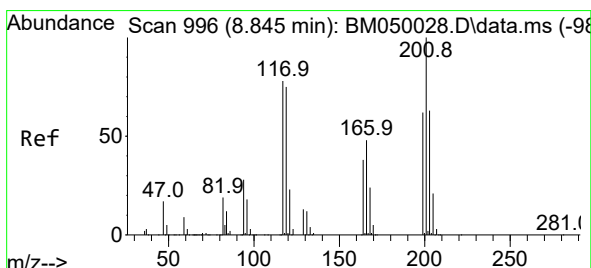
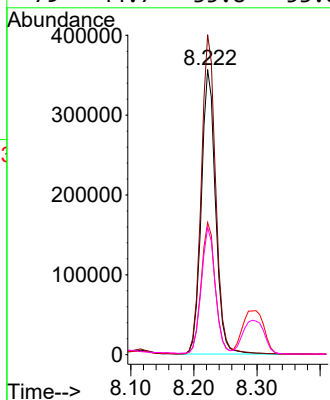
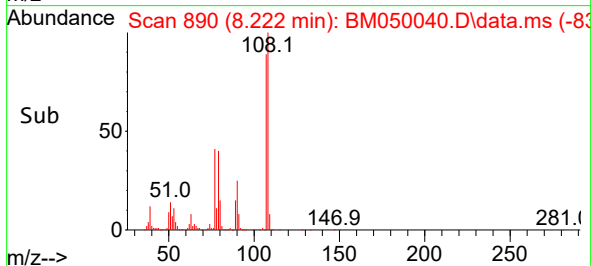


#17
2-Methylphenol
Concen: 43.144 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

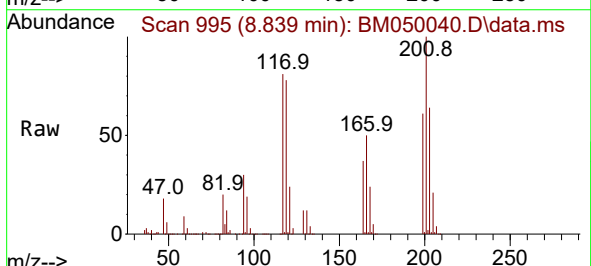
Instrument :
BNA_M
ClientSampleId :
PB167729BS



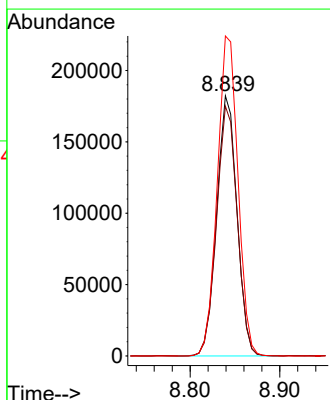
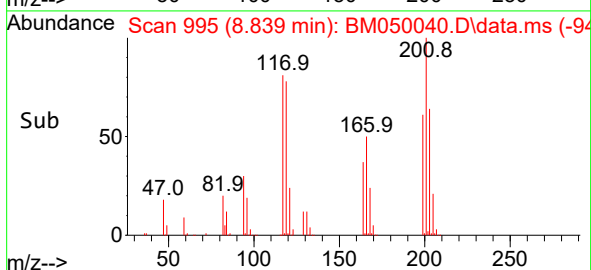
Tgt Ion:	107	Resp:	557394
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.1	136.7
77	46.3	36.2	54.4
79	44.7	35.8	53.8

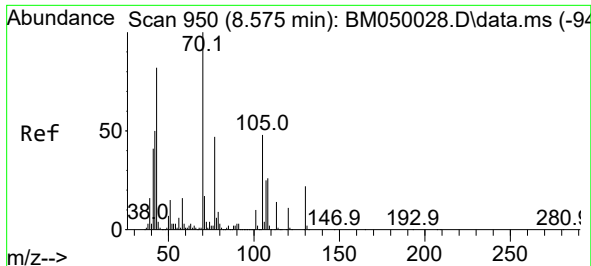


#18
Hexachloroethane
Concen: 39.916 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58



Tgt Ion:	117	Resp:	286959
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.3	115.9
201	123.0	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.108 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050040.D

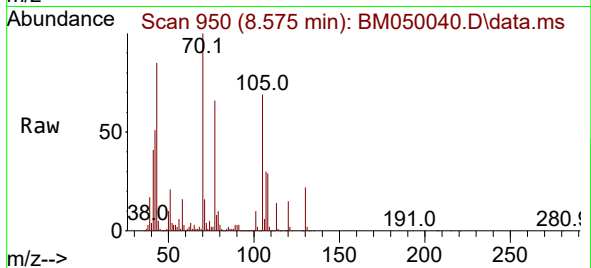
Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS



Tgt Ion: 70 Resp: 498325

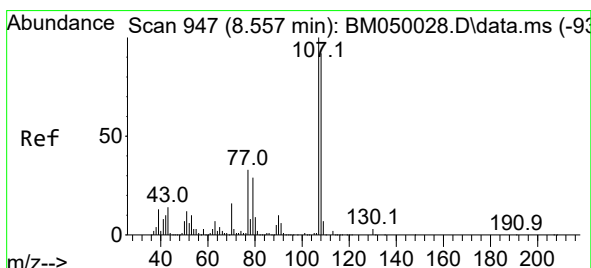
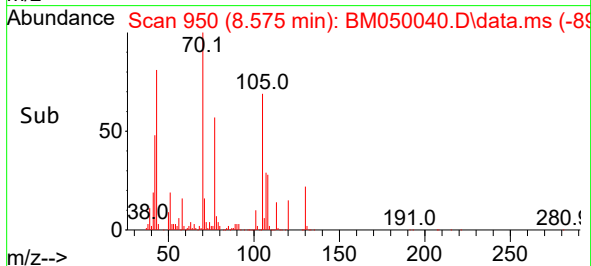
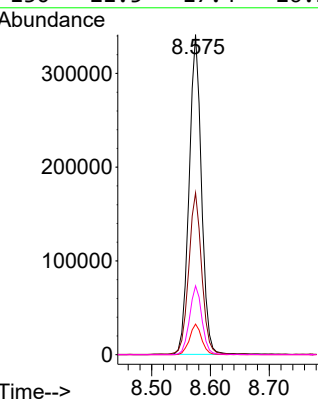
Ion Ratio Lower Upper

70 100

42 50.6 40.5 60.7

101 9.6 7.8 11.6

130 21.5 17.4 26.2



#20

3+4-Methylphenols

Concen: 42.812 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Tgt Ion: 107 Resp: 746935

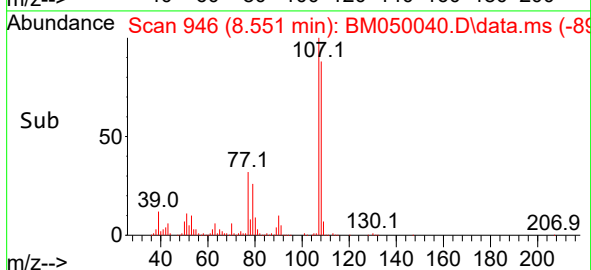
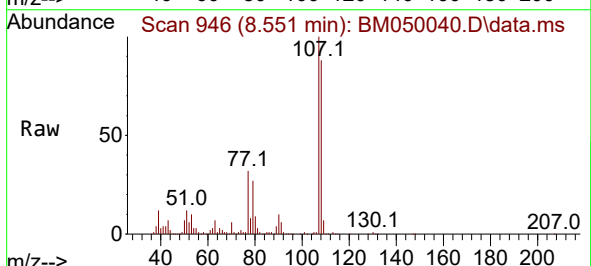
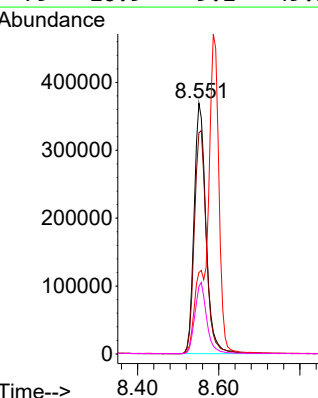
Ion Ratio Lower Upper

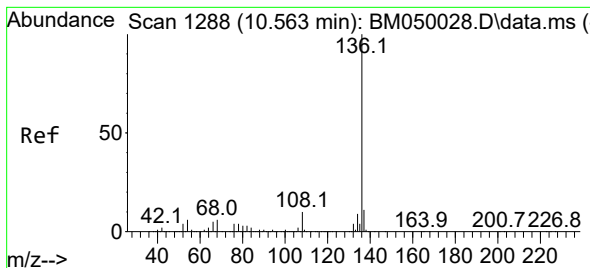
107 100

108 88.2 72.4 112.4

77 32.5 13.6 53.6

79 26.9 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.557 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

Tgt Ion:136 Resp: 961152

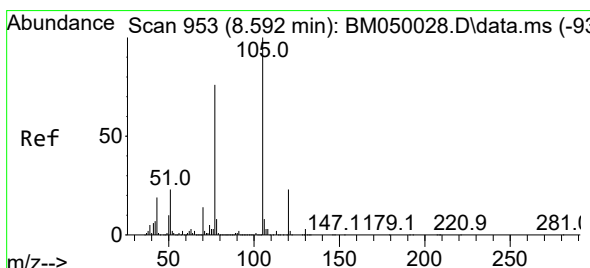
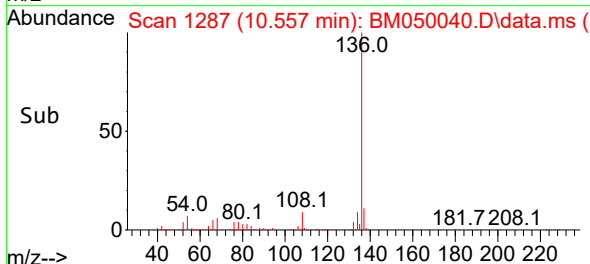
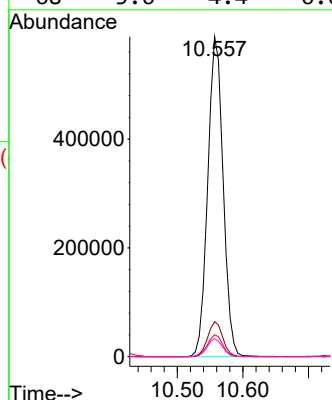
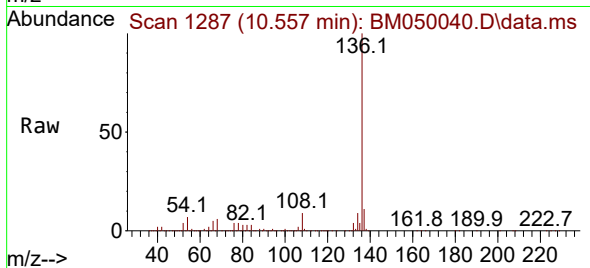
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 5.1 7.7

68 5.6 4.4 6.6



#22

Acetophenone

Concen: 41.029 ng

RT: 8.586 min Scan# 952

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Tgt Ion:105 Resp: 980431

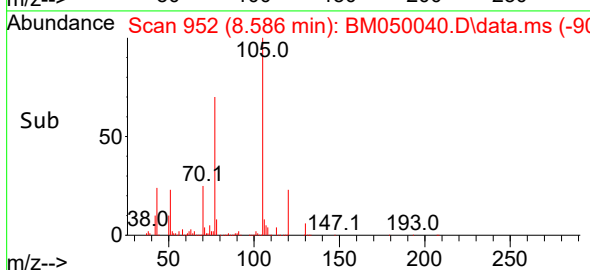
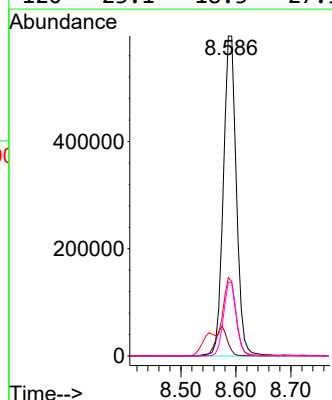
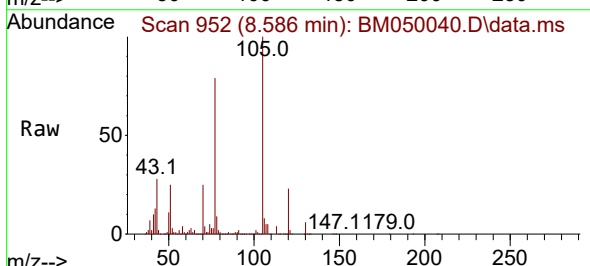
Ion Ratio Lower Upper

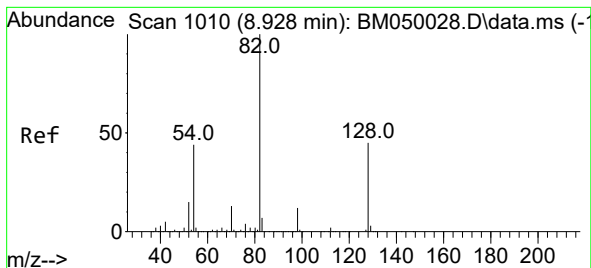
105 100

71 3.9 1.7 2.5

51 24.5 18.6 27.8

120 23.1 18.3 27.5

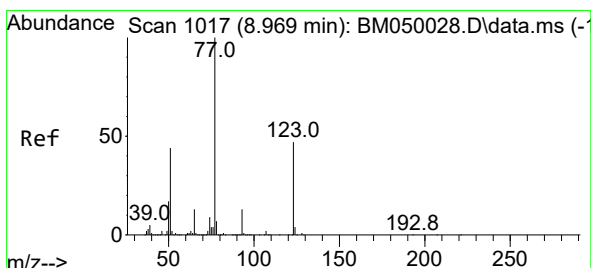
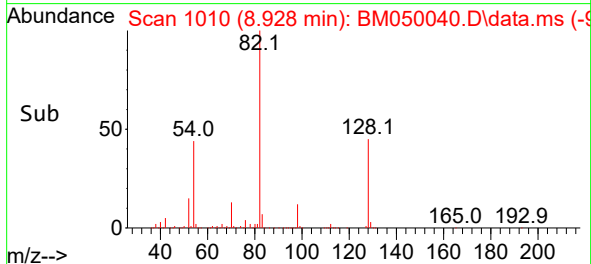
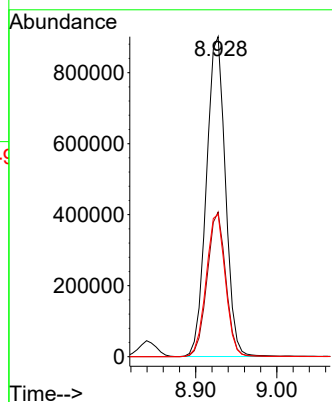
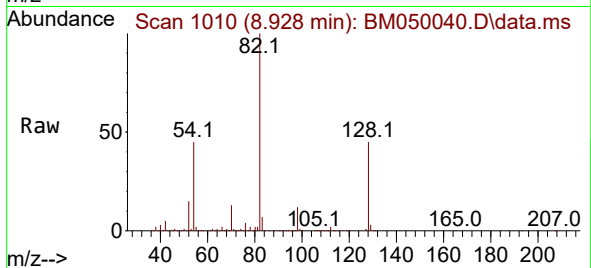




#23
Nitrobenzene-d5
Concen: 75.181 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

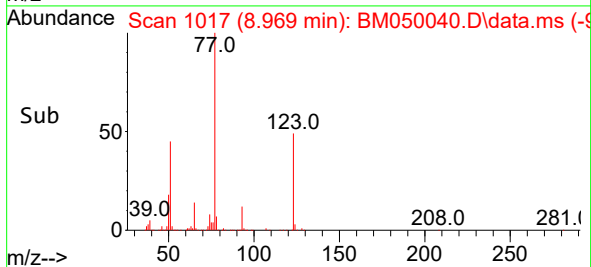
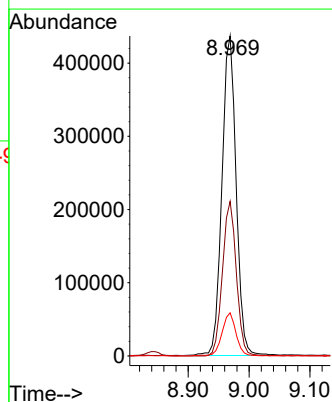
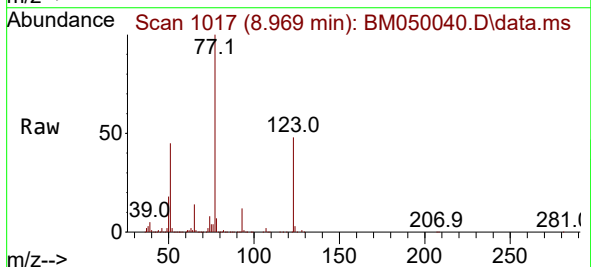
Instrument :
BNA_M
ClientSampleId :
PB167729BS

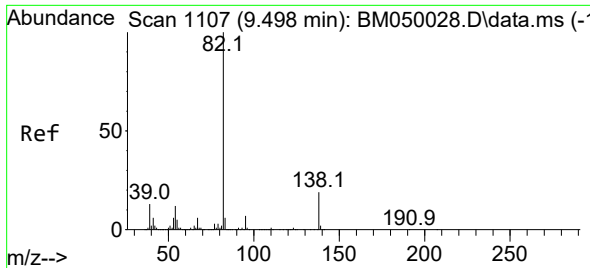
Tgt Ion: 82 Resp: 1466426
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 44.5 35.4 53.2



#24
Nitrobenzene
Concen: 41.951 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 77 Resp: 707532
Ion Ratio Lower Upper
77 100
123 48.3 37.9 56.9
65 13.5 10.1 15.1





#25

Isophorone

Concen: 39.689 ng

RT: 9.492 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

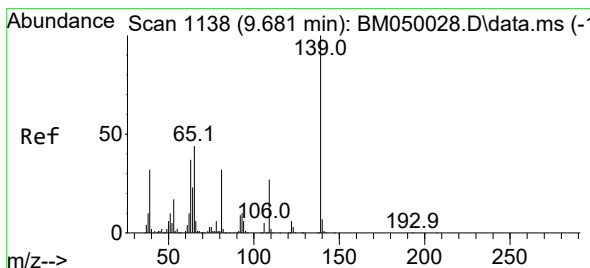
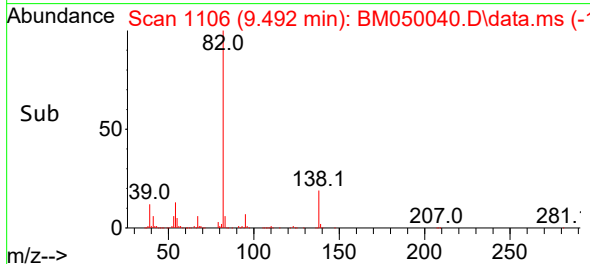
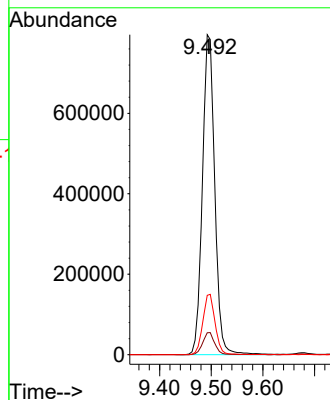
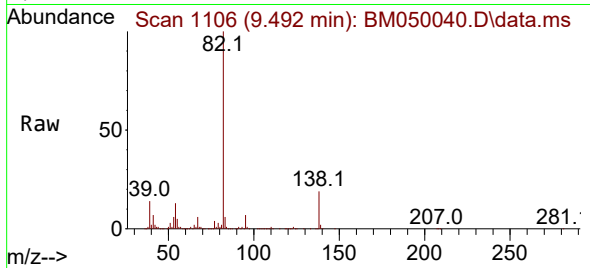
Tgt Ion: 82 Resp: 1319623

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 18.5 15.5 23.3



#26

2-Nitrophenol

Concen: 42.665 ng

RT: 9.680 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

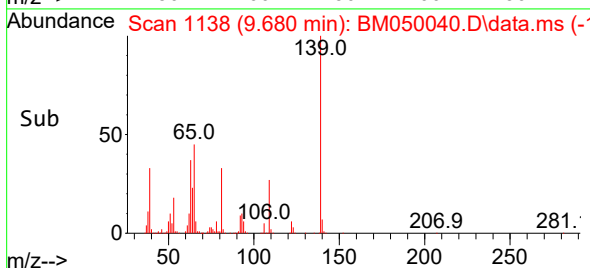
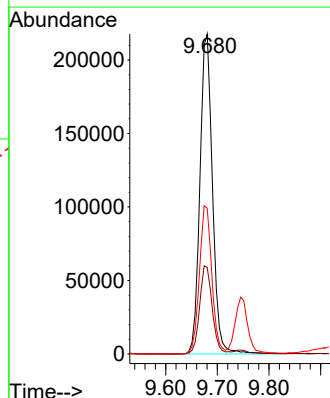
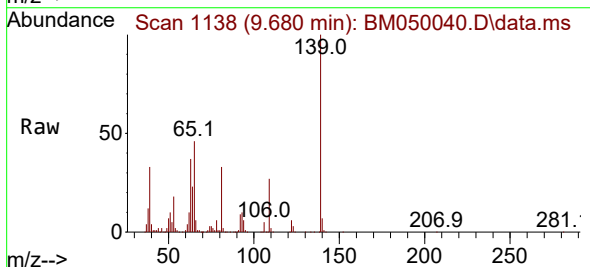
Tgt Ion:139 Resp: 367607

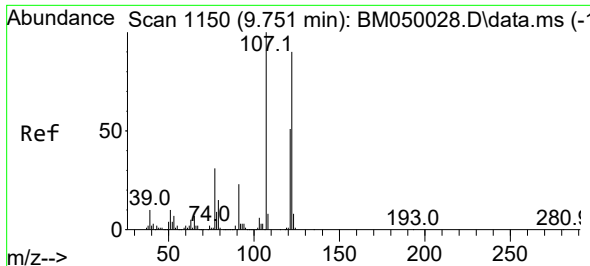
Ion Ratio Lower Upper

139 100

109 27.0 21.9 32.9

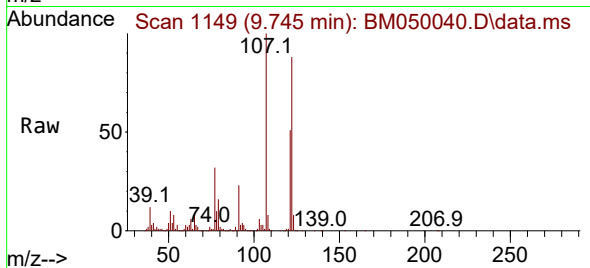
65 45.6 35.4 53.2



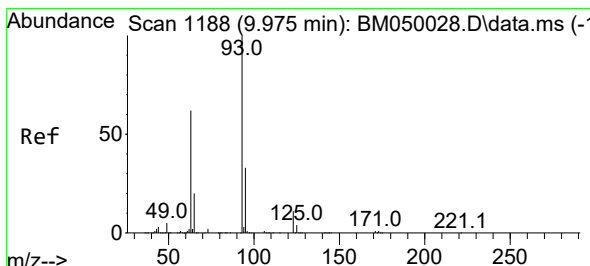
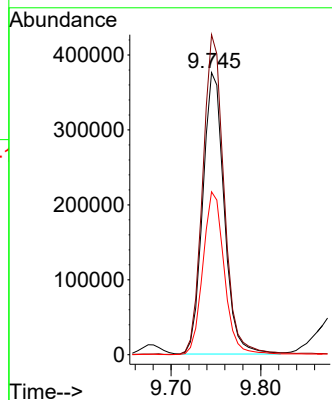
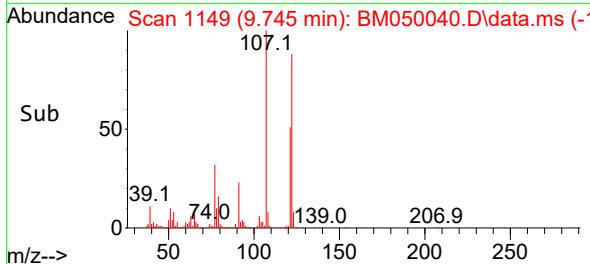


#27
2,4-Dimethylphenol
Concen: 43.529 ng
RT: 9.745 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

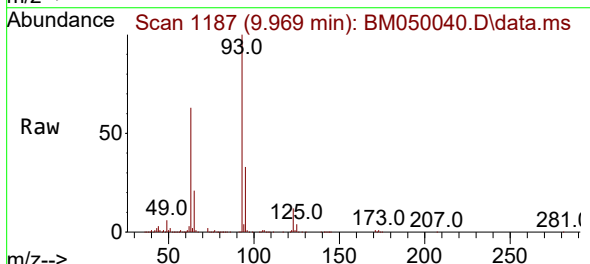
Instrument :
BNA_M
ClientSampleId :
PB167729BS



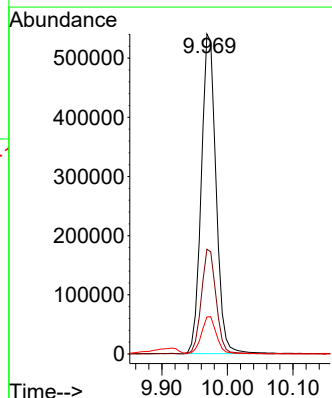
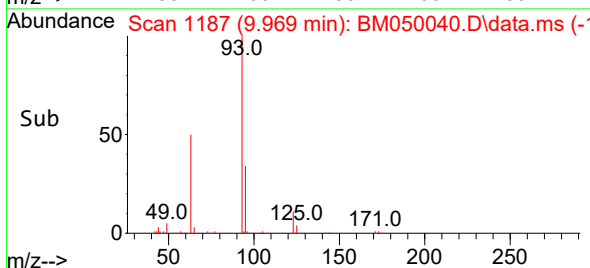
Tgt Ion:122 Resp: 621972
Ion Ratio Lower Upper
122 100
107 113.5 89.0 133.6
121 57.8 45.6 68.4

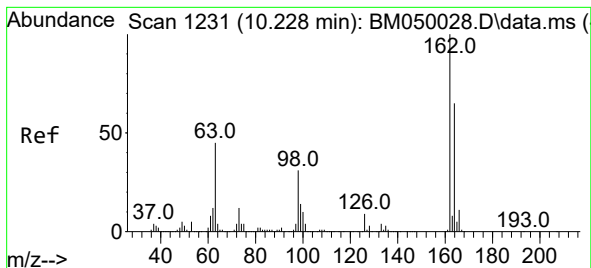


#28
bis(2-Chloroethoxy)methane
Concen: 41.194 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58



Tgt Ion: 93 Resp: 846555
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.323 ng

RT: 10.227 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

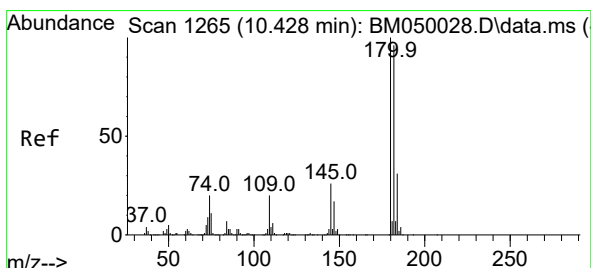
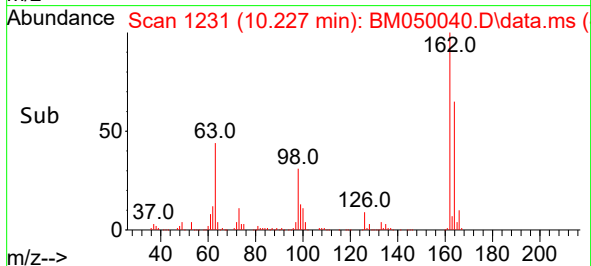
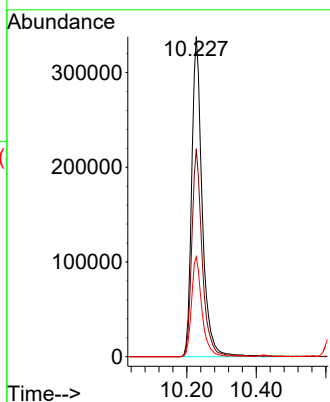
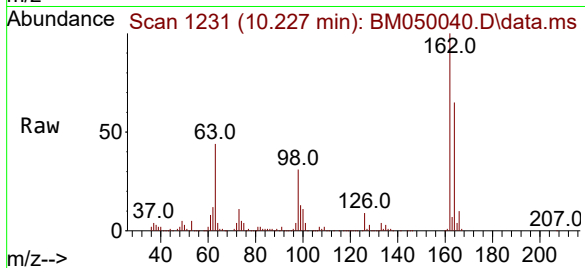
Tgt Ion:162 Resp: 709498

Ion Ratio Lower Upper

162 100

164 65.0 45.4 85.4

98 31.2 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 40.642 ng

RT: 10.422 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

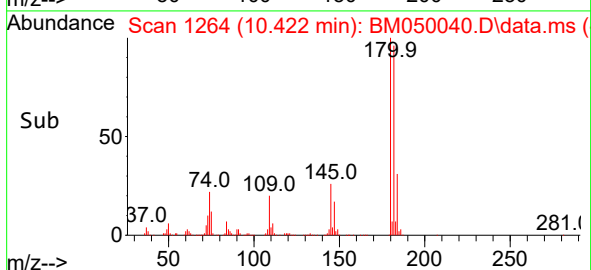
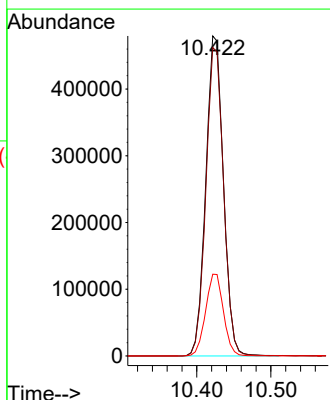
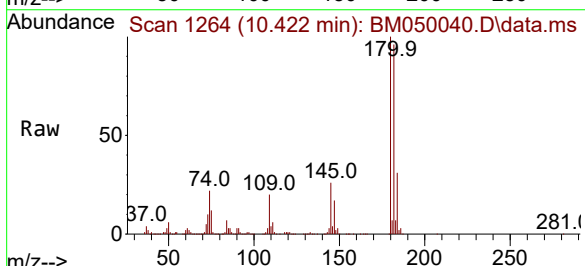
Tgt Ion:180 Resp: 792629

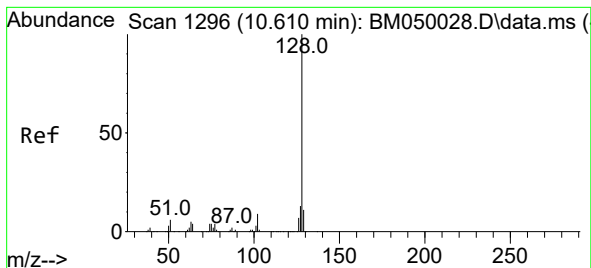
Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.4

145 25.6 20.6 30.8





#31

Naphthalene

Concen: 41.080 ng

RT: 10.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

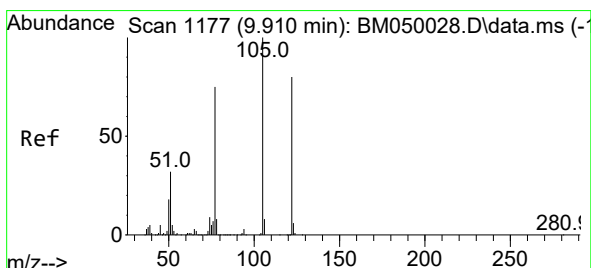
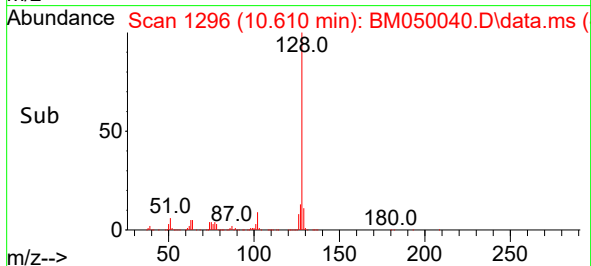
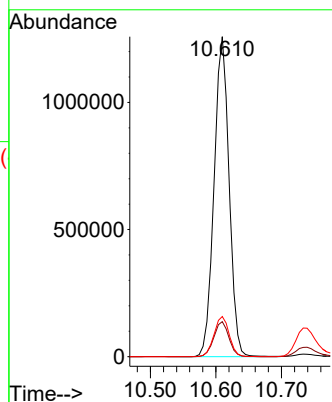
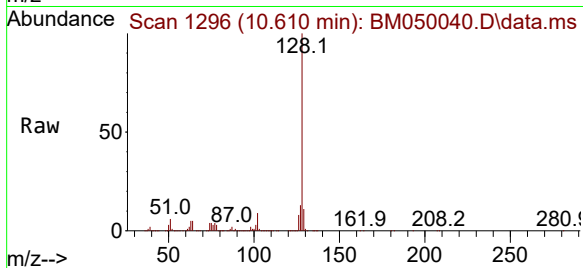
Tgt Ion:128 Resp: 1999582

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.5 10.4 15.6



#32

Benzoic acid

Concen: 42.285 ng

RT: 9.916 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

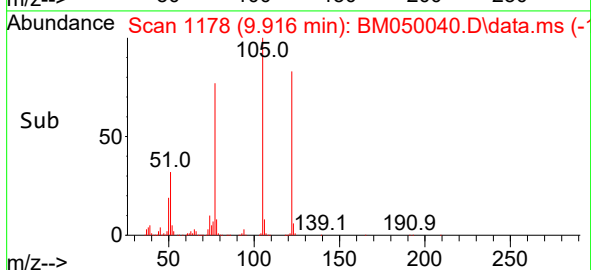
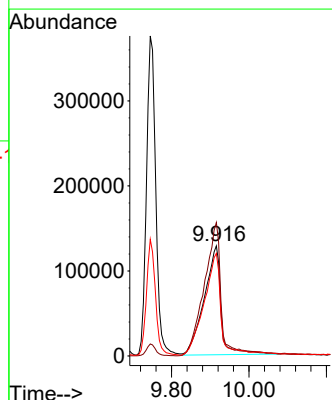
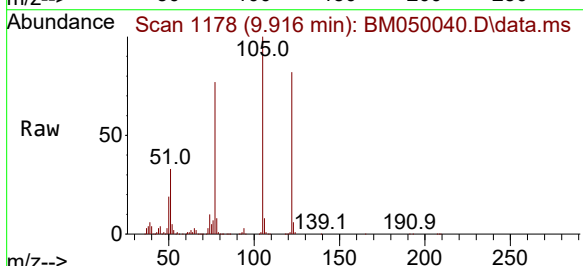
Tgt Ion:122 Resp: 386427

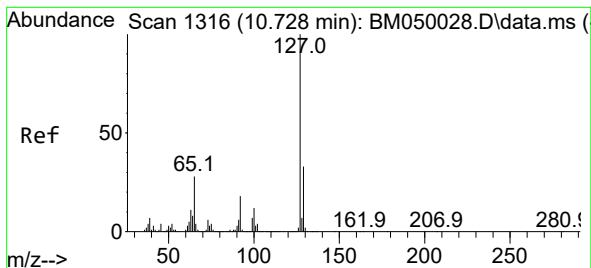
Ion Ratio Lower Upper

122 100

105 121.3 103.6 143.6

77 93.1 73.7 113.7

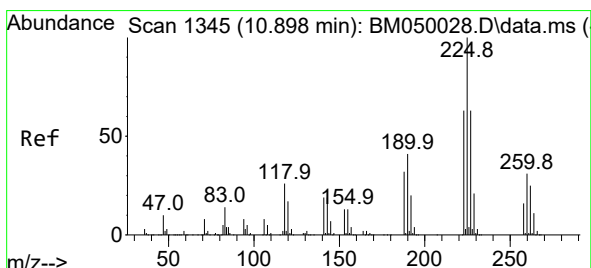
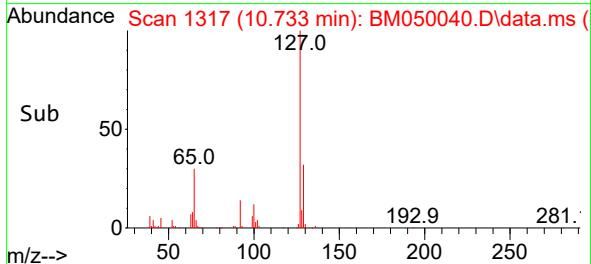
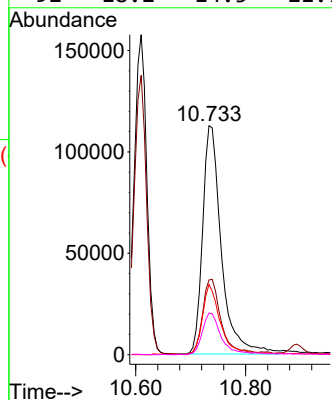
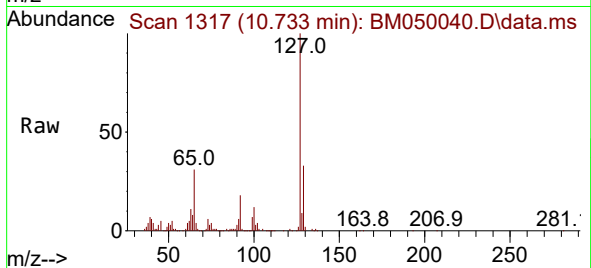




#33
4-Chloroaniline
Concen: 13.446 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

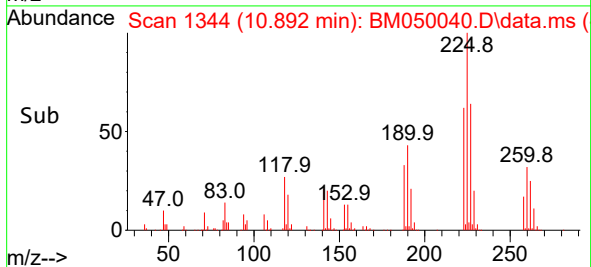
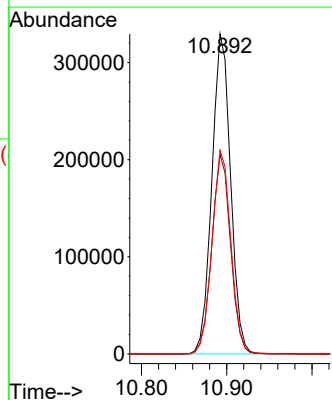
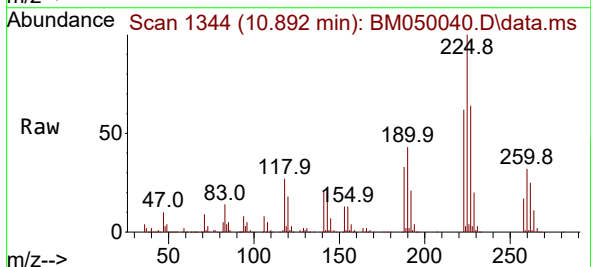
Instrument :
BNA_M
ClientSampleId :
PB167729BS

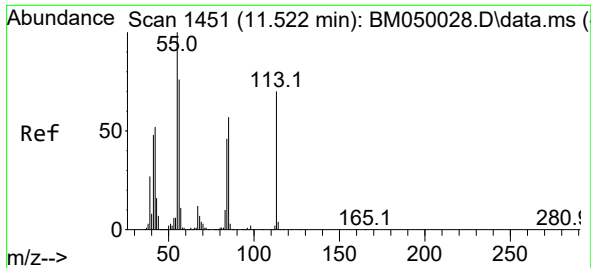
Tgt Ion:	127	Resp:	268271
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	30.7	22.5	33.7
92	18.2	14.5	21.7



#34
Hexachlorobutadiene
Concen: 40.569 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:	225	Resp:	502242
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	63.6	50.6	76.0

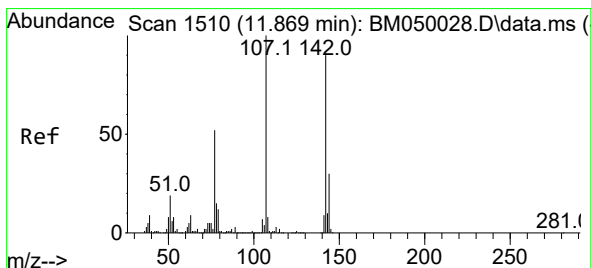
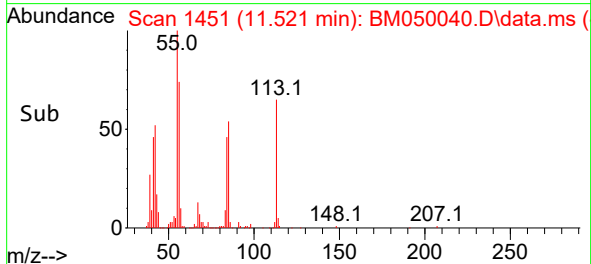
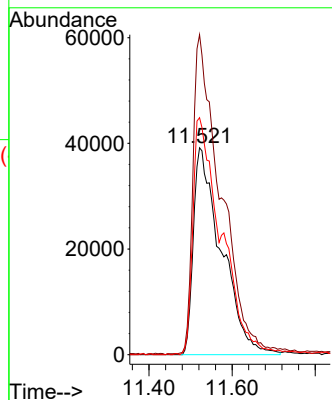
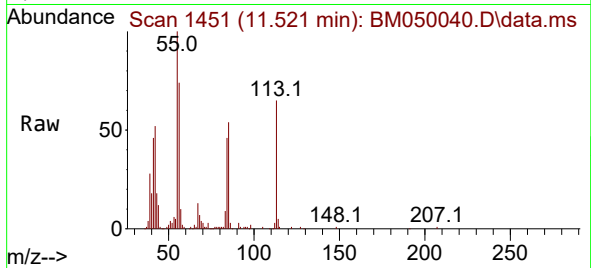




#35
 Caprolactam
 Concen: 39.083 ng
 RT: 11.521 min Scan# 1451
 Delta R.T. -0.000 min
 Lab File: BM050040.D
 Acq: 29 Apr 2025 12:58

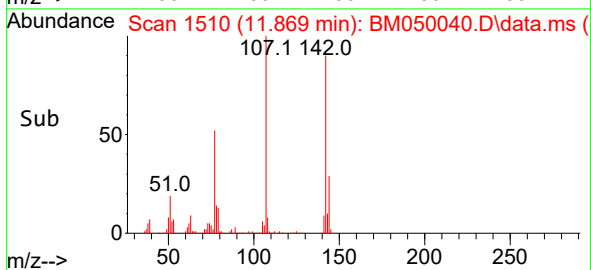
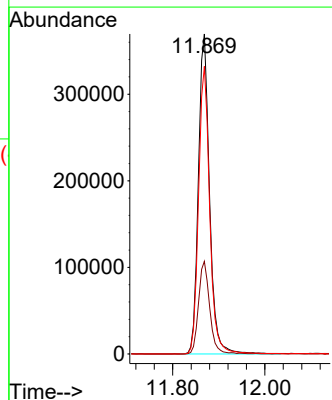
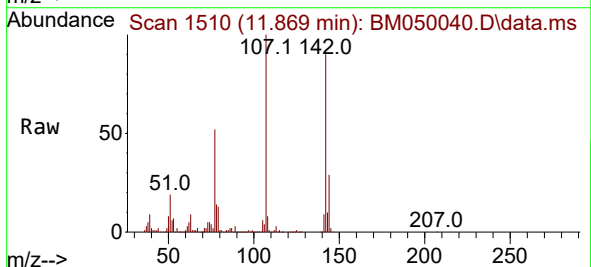
Instrument :
 BNA_M
 ClientSampleId :
 PB167729BS

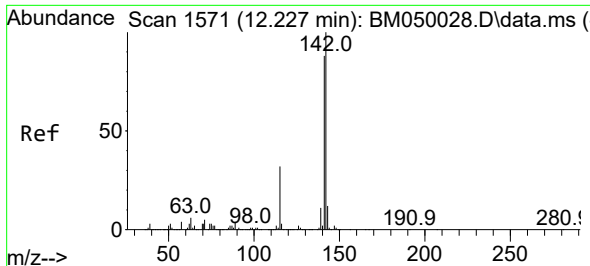
Tgt Ion:113 Resp: 182413
 Ion Ratio Lower Upper
 113 100
 55 154.6 122.9 162.9
 56 114.5 88.1 128.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.193 ng
 RT: 11.869 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: BM050040.D
 Acq: 29 Apr 2025 12:58

Tgt Ion:107 Resp: 624003
 Ion Ratio Lower Upper
 107 100
 144 29.0 23.8 35.6
 142 89.9 71.9 107.9

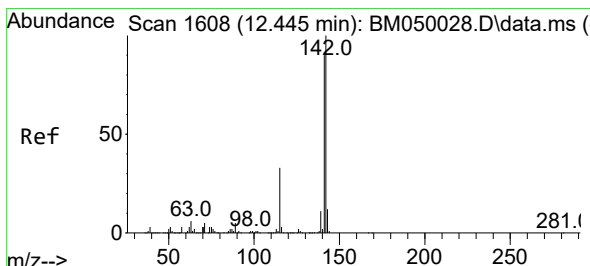
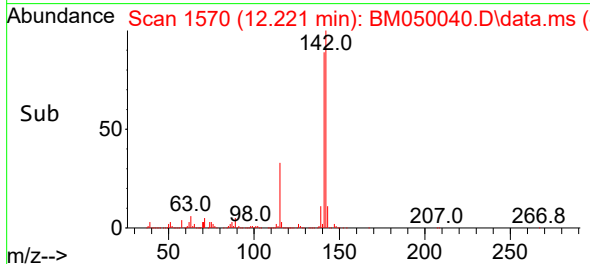
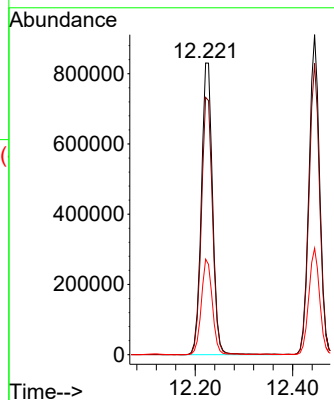
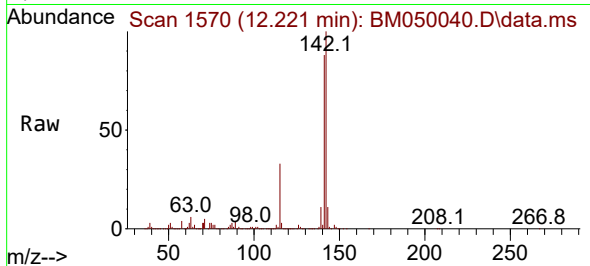




#37
2-Methylnaphthalene
Concen: 40.473 ng
RT: 12.221 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

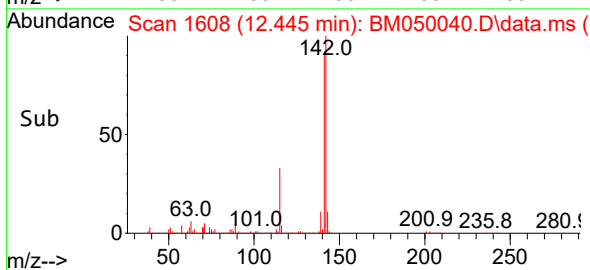
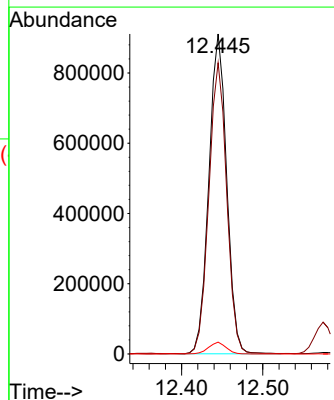
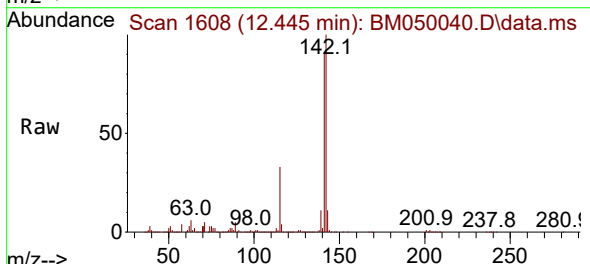
Instrument :
BNA_M
ClientSampleId :
PB167729BS

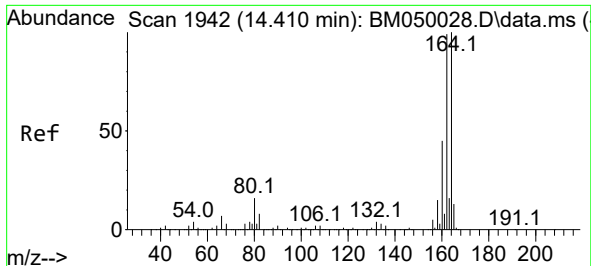
Tgt Ion:142 Resp: 1320802
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6
115 32.8 25.4 38.2



#38
1-Methylnaphthalene
Concen: 40.177 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:142 Resp: 1387555
Ion Ratio Lower Upper
142 100
141 91.0 72.1 108.1
116 3.7 2.7 4.1

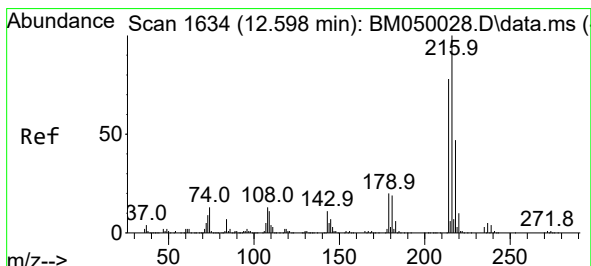
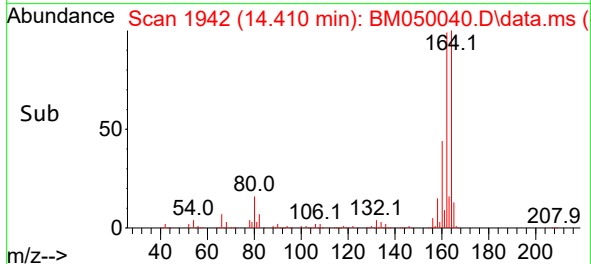
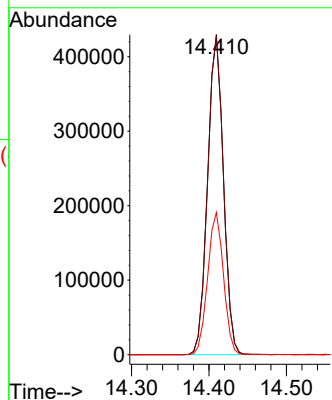
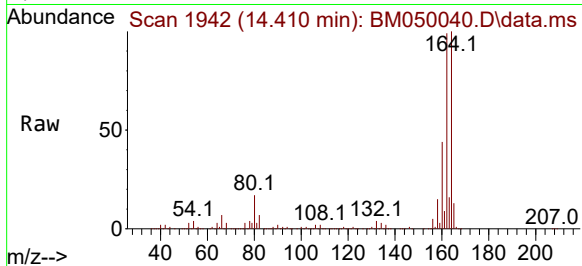




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

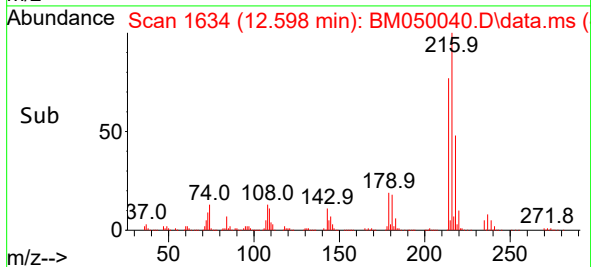
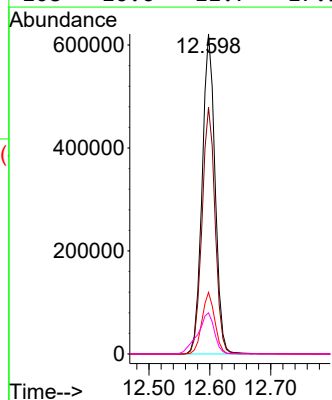
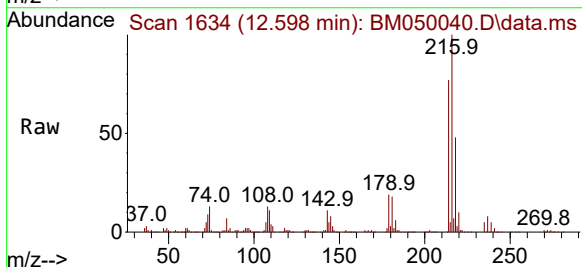
Instrument :
BNA_M
ClientSampleId :
PB167729BS

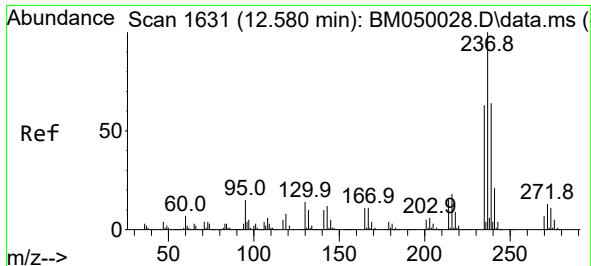
Tgt Ion:164 Resp: 608153
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 44.4 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.549 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

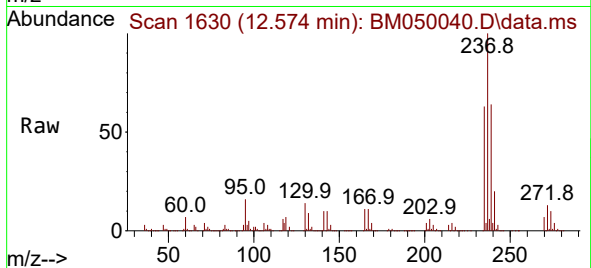
Tgt Ion:216 Resp: 916829
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 19.0 15.4 23.0
108 16.6 11.7 17.5



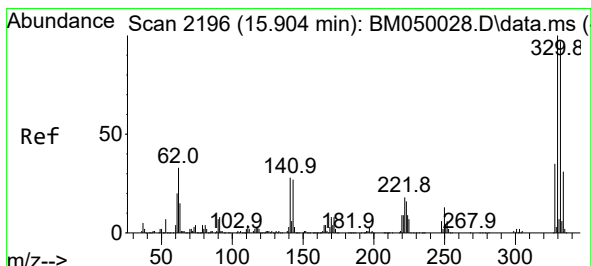
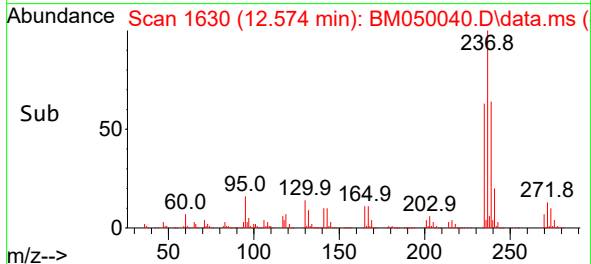
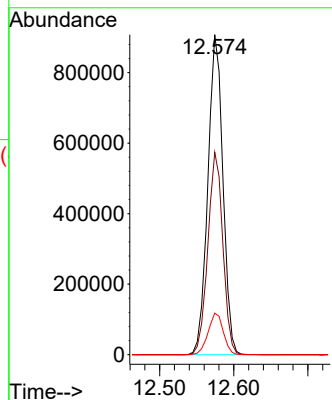


#41
Hexachlorocyclopentadiene
Concen: 99.621 ng
RT: 12.574 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Instrument :
BNA_M
ClientSampleId :
PB167729BS

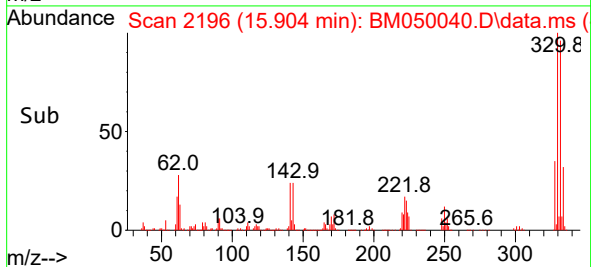
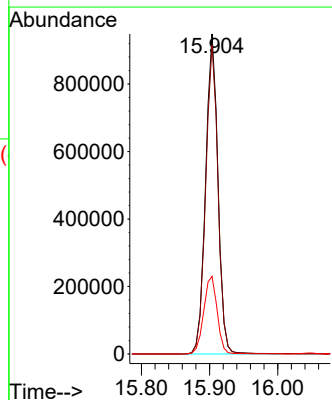
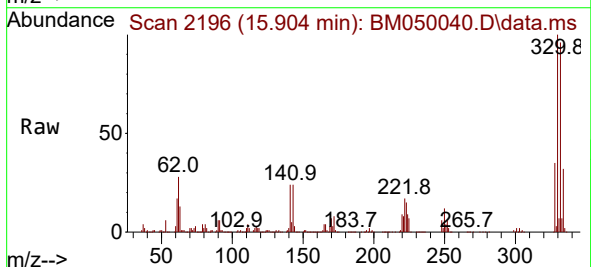


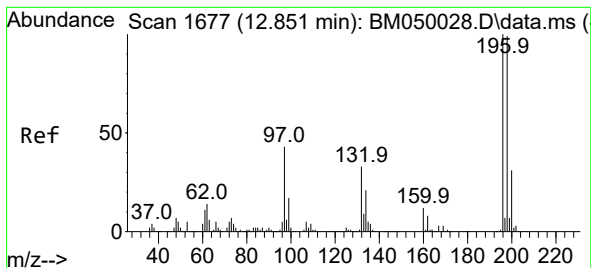
Tgt Ion:237 Resp: 1281695
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 132.987 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:330 Resp: 1195862
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 26.5 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 44.859 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

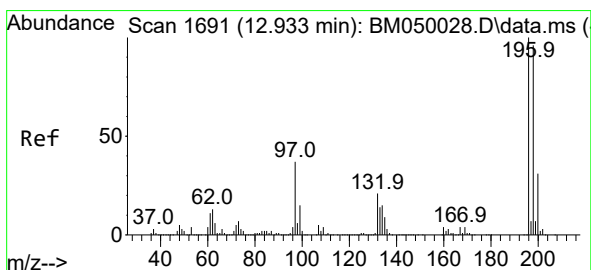
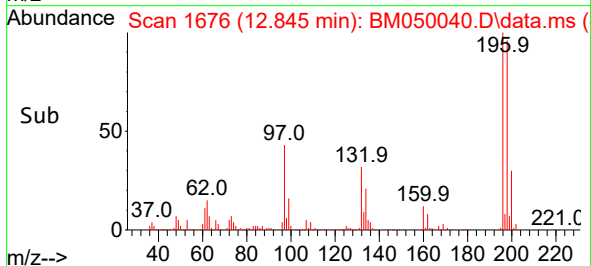
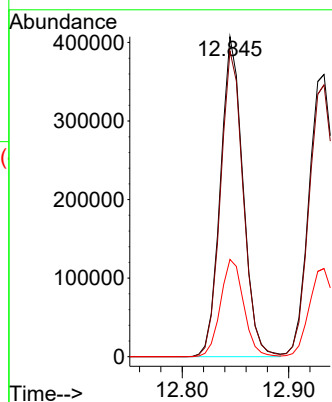
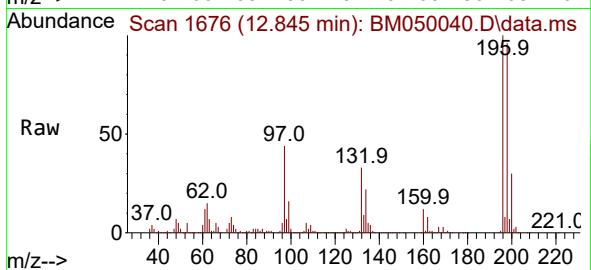
Tgt Ion:196 Resp: 598998

Ion Ratio Lower Upper

196 100

198 95.5 79.0 118.6

200 30.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 44.403 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Tgt Ion:196 Resp: 639370

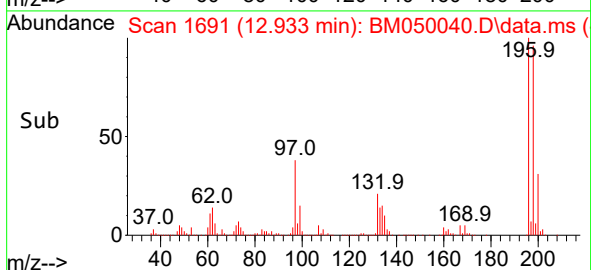
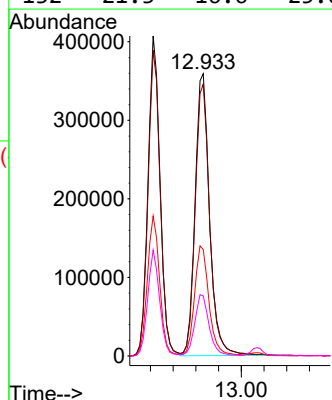
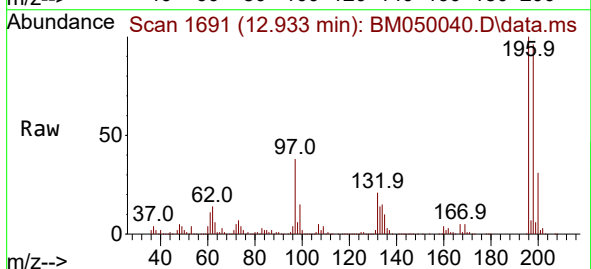
Ion Ratio Lower Upper

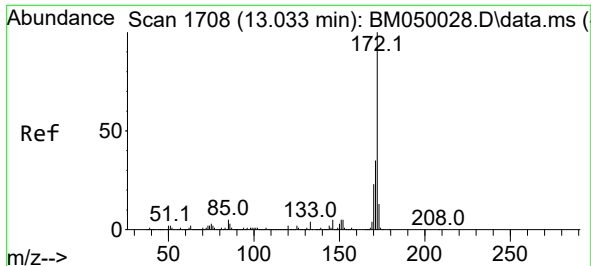
196 100

198 96.3 76.7 115.1

97 37.7 30.1 45.1

132 21.3 16.6 25.0

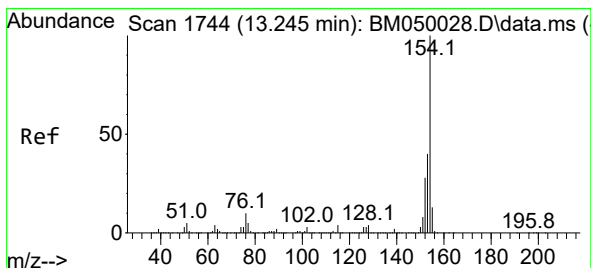
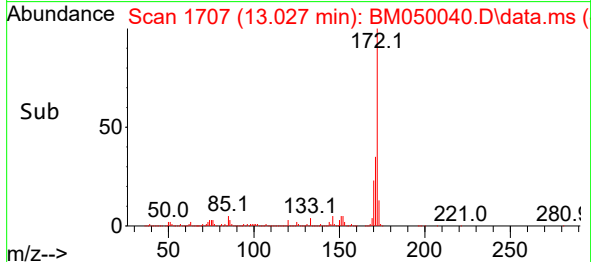
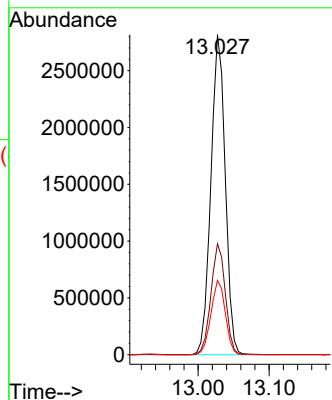
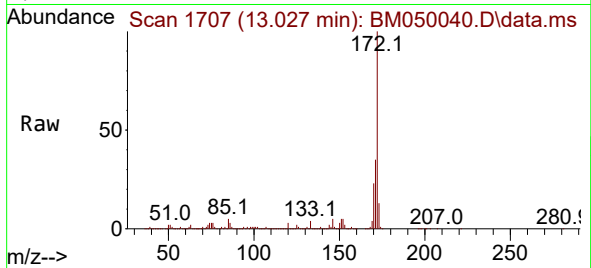




#45
2-Fluorobiphenyl
Concen: 76.986 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

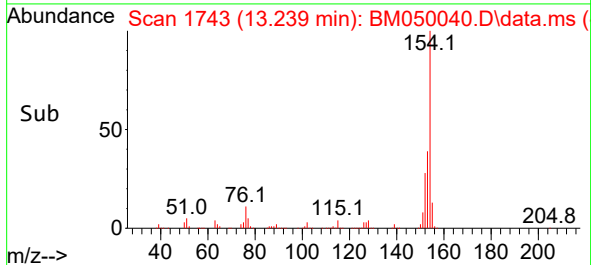
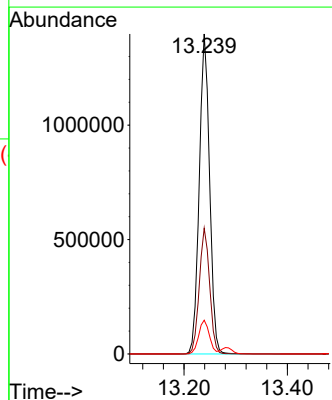
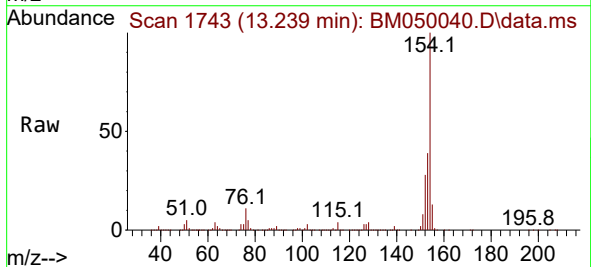
Instrument :
BNA_M
ClientSampleId :
PB167729BS

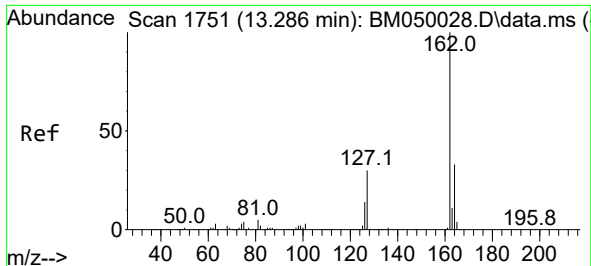
Tgt Ion:172 Resp: 3957723
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.889 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:154 Resp: 1938887
Ion Ratio Lower Upper
154 100
153 39.3 20.0 60.0
76 10.6 0.0 30.3

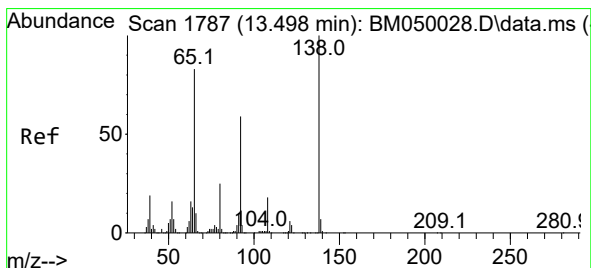
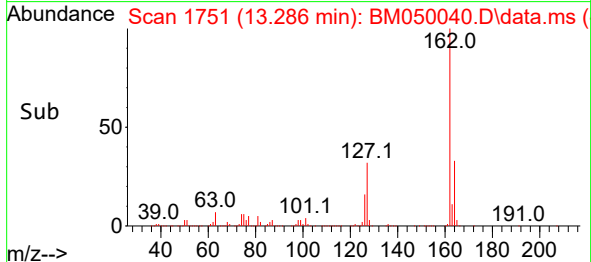
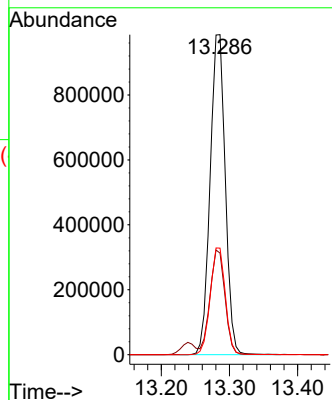
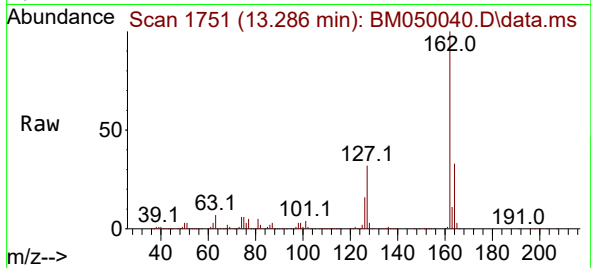




#47
2-Chloronaphthalene
Concen: 42.637 ng
RT: 13.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

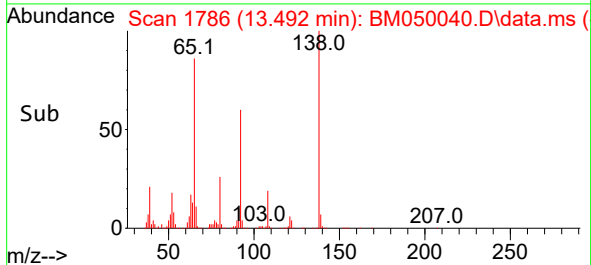
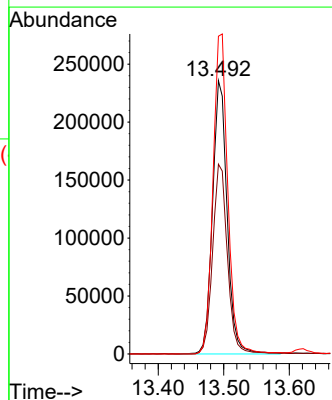
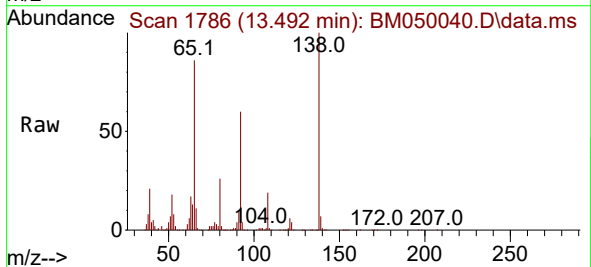
Instrument :
BNA_M
ClientSampleId :
PB167729BS

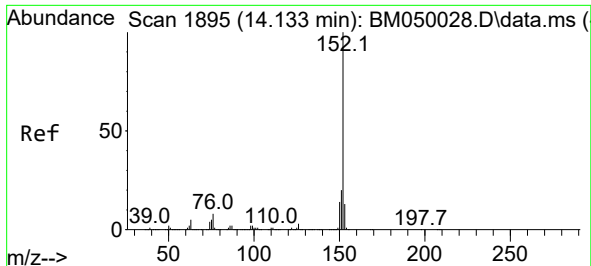
Tgt Ion:162 Resp: 1526561
Ion Ratio Lower Upper
162 100
127 31.8 25.9 38.9
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 43.535 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 65 Resp: 365838
Ion Ratio Lower Upper
65 100
92 69.4 57.1 85.7
138 116.3 97.0 145.4

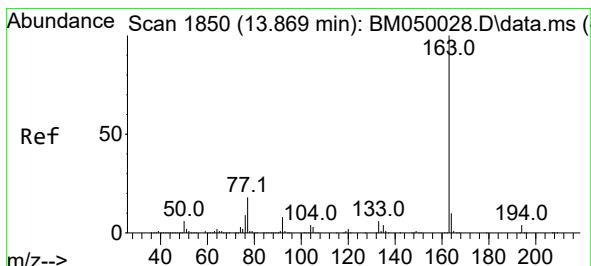
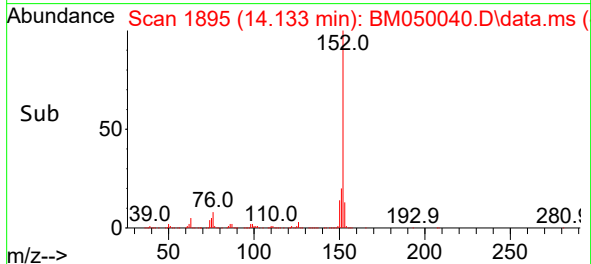
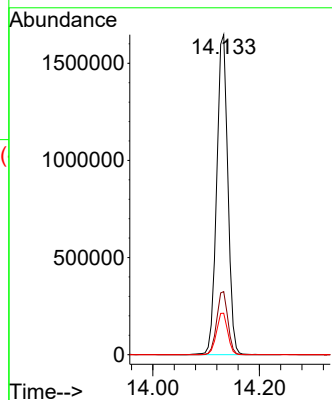
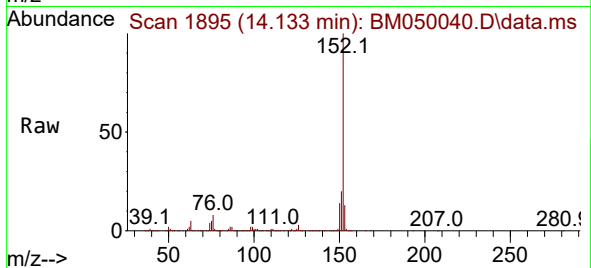




#49
Acenaphthylene
Concen: 42.390 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

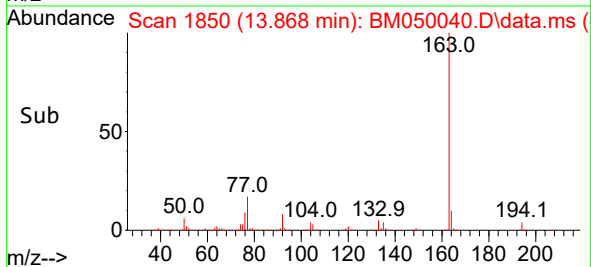
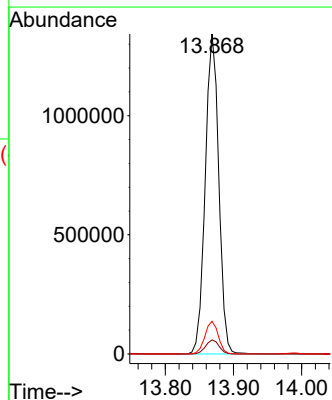
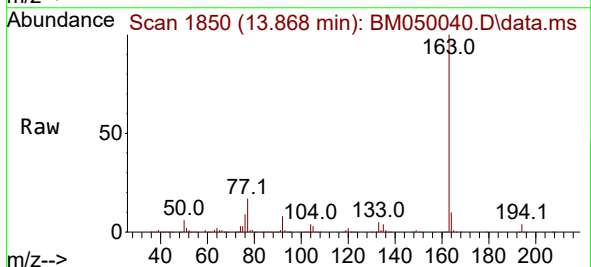
Instrument :
BNA_M
ClientSampleId :
PB167729BS

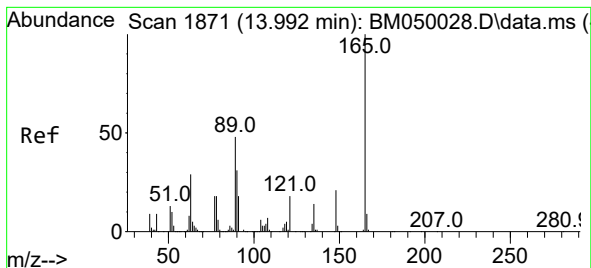
Tgt Ion:152 Resp: 2392982
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 41.627 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:163 Resp: 1850111
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.2

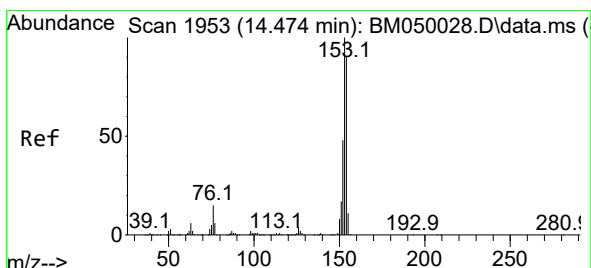
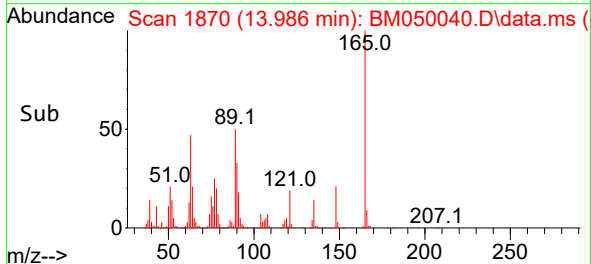
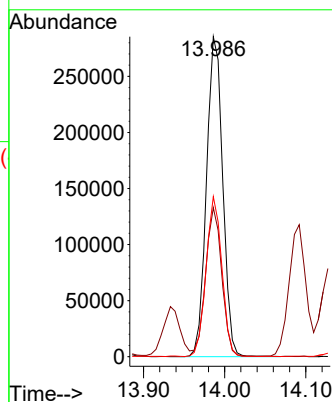
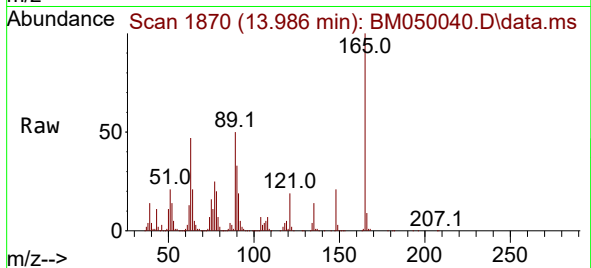




#51
2,6-Dinitrotoluene
Concen: 43.023 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

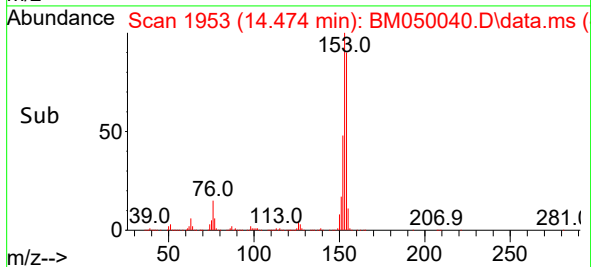
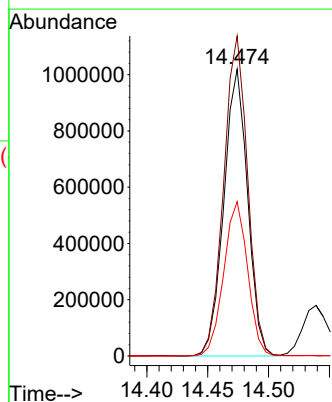
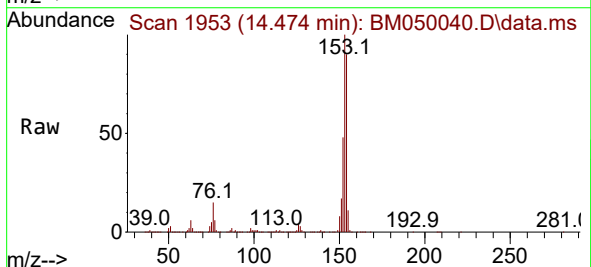
Instrument :
BNA_M
ClientSampleId :
PB167729BS

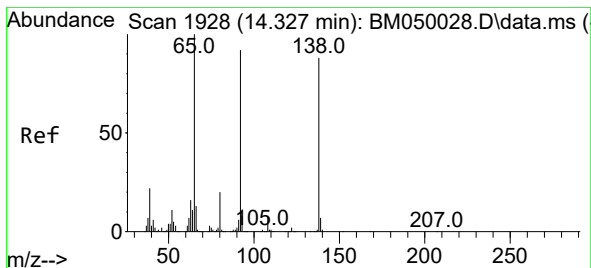
Tgt Ion:165 Resp: 395898
Ion Ratio Lower Upper
165 100
63 46.6 35.1 52.7
89 50.0 38.4 57.6



#52
Acenaphthene
Concen: 42.421 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:154 Resp: 1386169
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.4
152 53.9 43.0 64.6

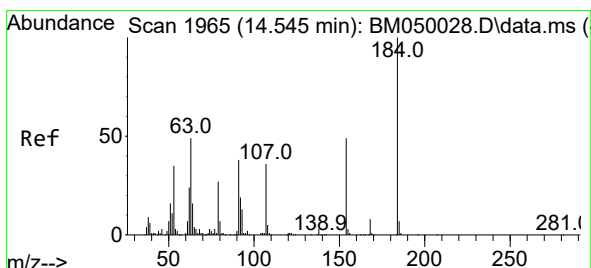
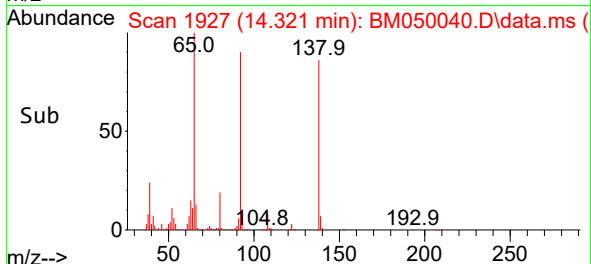
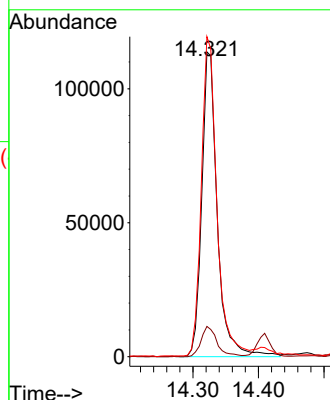
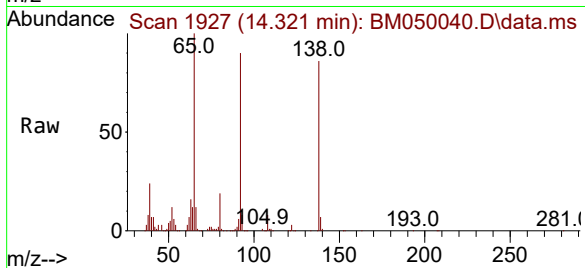




#53
3-Nitroaniline
Concen: 21.411 ng
RT: 14.321 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

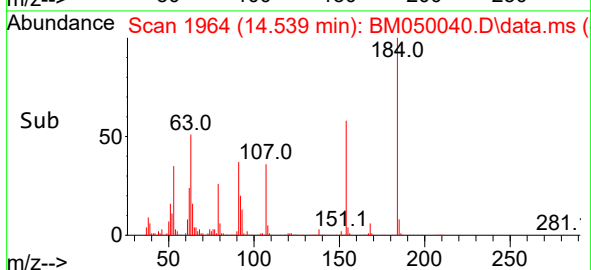
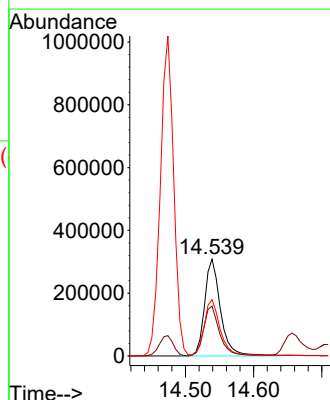
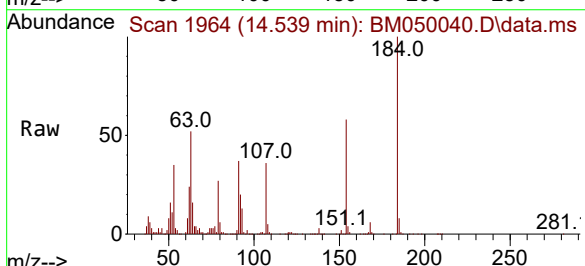
Instrument :
BNA_M
ClientSampleId :
PB167729BS

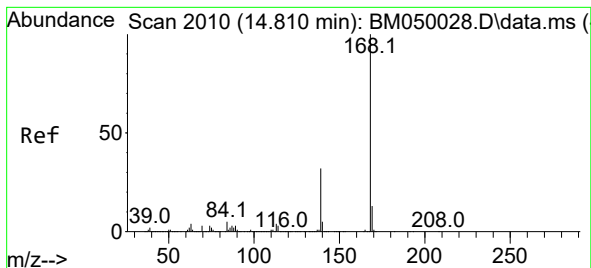
Tgt Ion:138 Resp: 188101
Ion Ratio Lower Upper
138 100
108 9.9 7.4 11.2
92 105.0 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 84.598 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:184 Resp: 500295
Ion Ratio Lower Upper
184 100
63 51.5 39.8 59.6
154 58.2 46.1 69.1

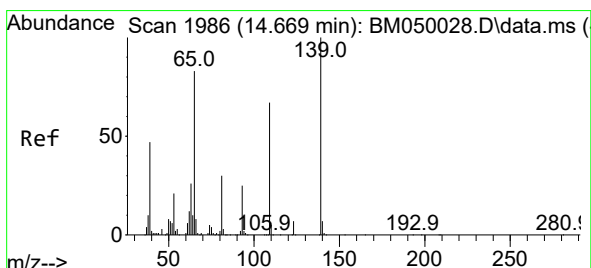
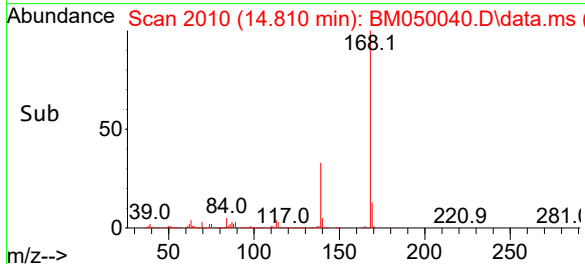
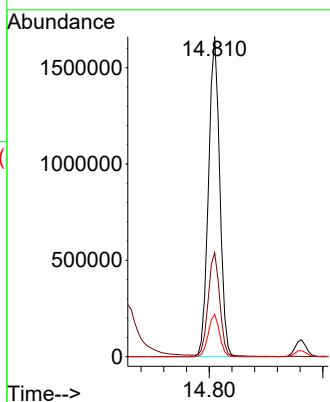
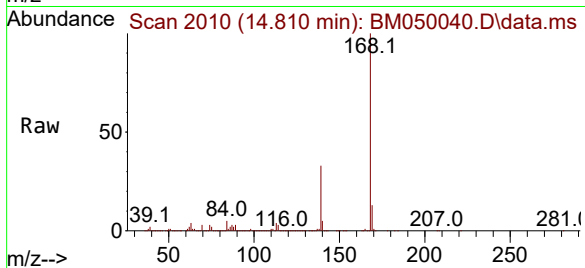




#55
Dibenzofuran
Concen: 41.754 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

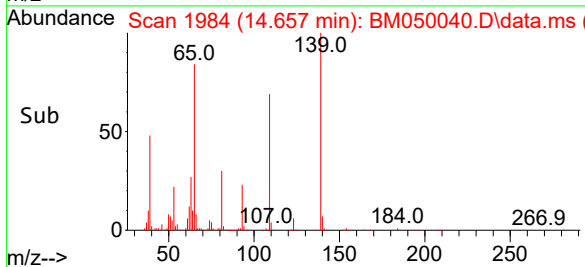
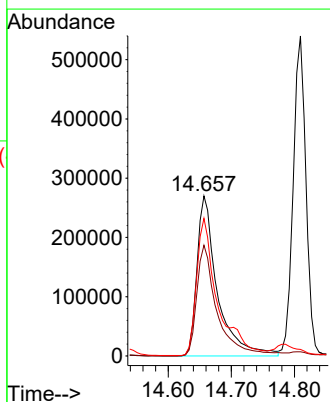
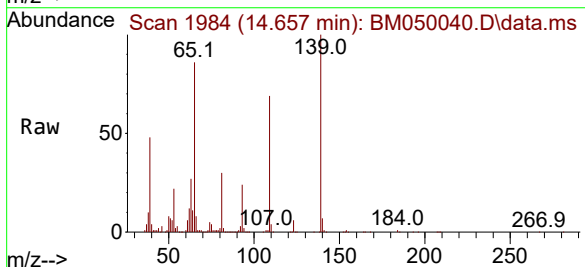
Instrument :
BNA_M
ClientSampleId :
PB167729BS

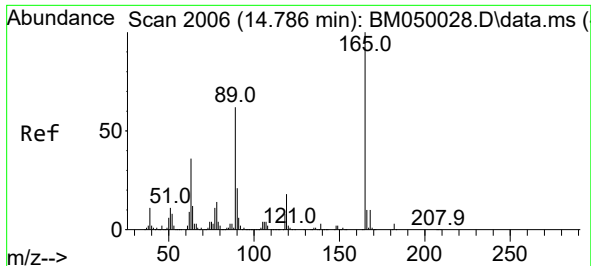
Tgt Ion:168 Resp: 2269999
Ion Ratio Lower Upper
168 100
139 32.5 26.1 39.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 84.586 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:139 Resp: 606531
Ion Ratio Lower Upper
139 100
109 69.2 47.0 87.0
65 85.9 64.3 104.3

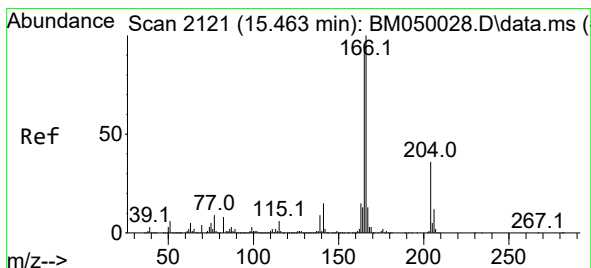
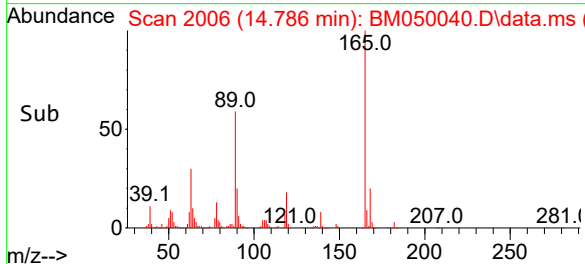
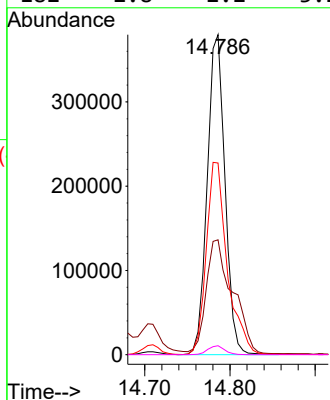
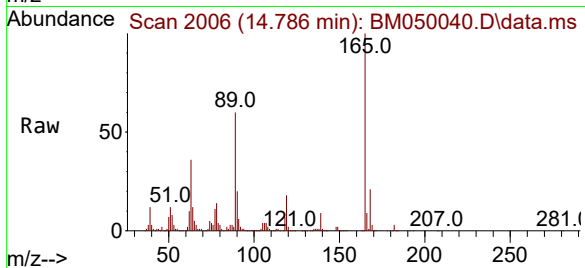




#57
2,4-Dinitrotoluene
Concen: 43.164 ng
RT: 14.786 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

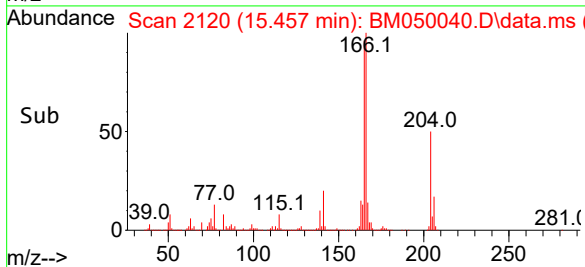
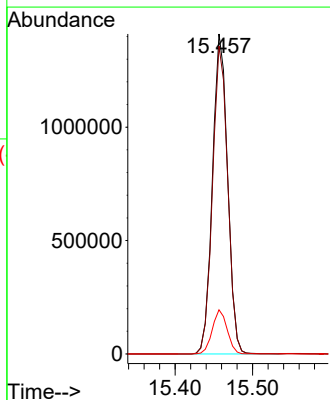
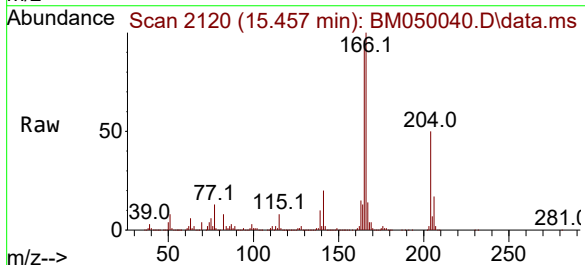
Instrument :
BNA_M
ClientSampleId :
PB167729BS

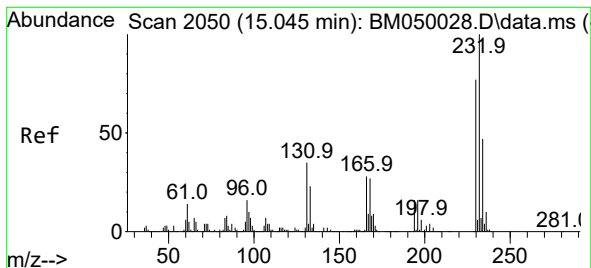
Tgt Ion:165 Resp: 548846
Ion Ratio Lower Upper
165 100
63 35.9 29.0 43.6
89 59.9 49.4 74.2
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.968 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:166 Resp: 1912078
Ion Ratio Lower Upper
166 100
165 96.2 76.6 115.0
167 13.8 10.6 16.0

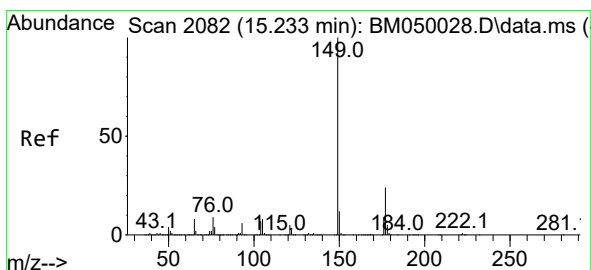
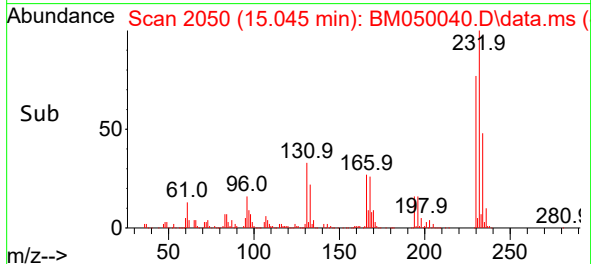
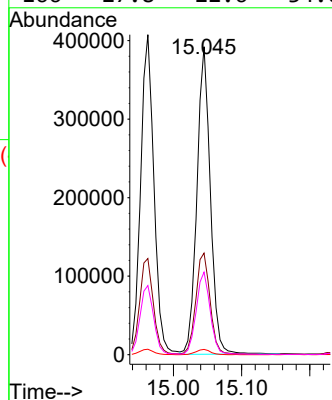
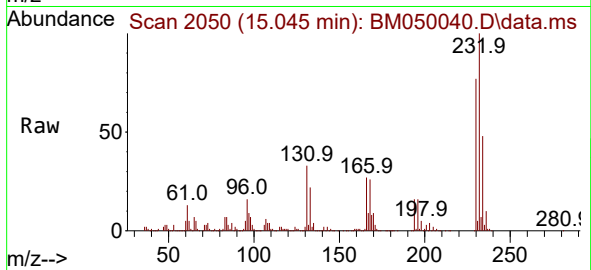




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.011 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

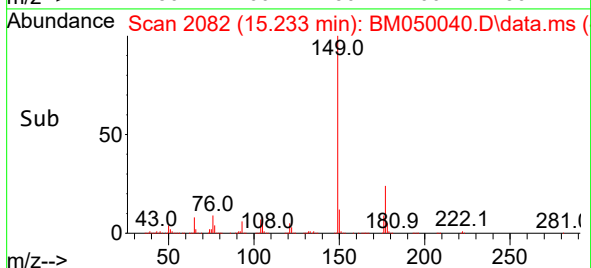
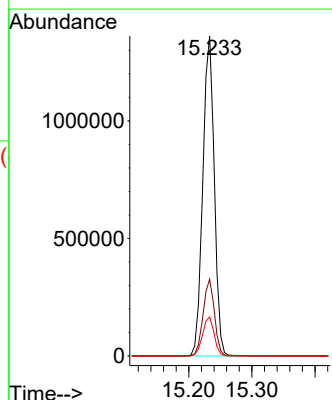
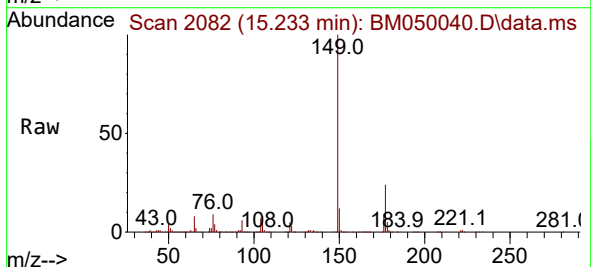
Instrument :
BNA_M
ClientSampleId :
PB167729BS

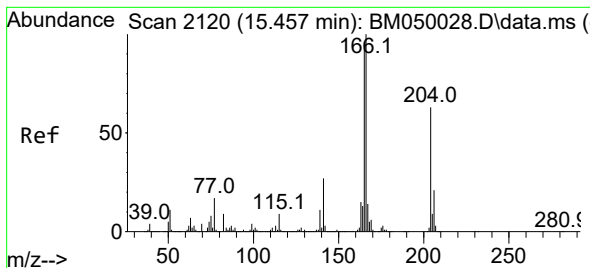
Tgt Ion:232 Resp: 536088
Ion Ratio Lower Upper
232 100
131 35.0 28.2 42.4
130 1.8 1.5 2.3
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 41.004 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:149 Resp: 1717203
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 12.2 9.6 14.4

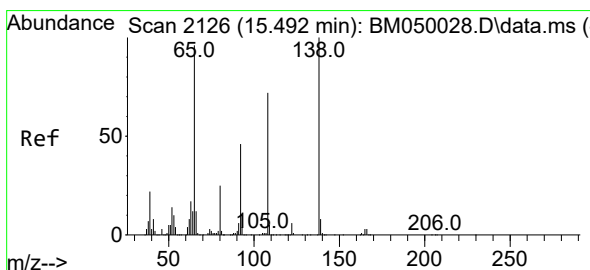
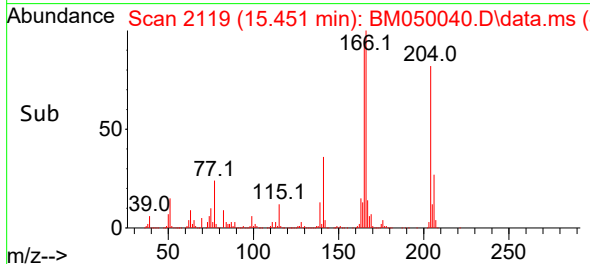
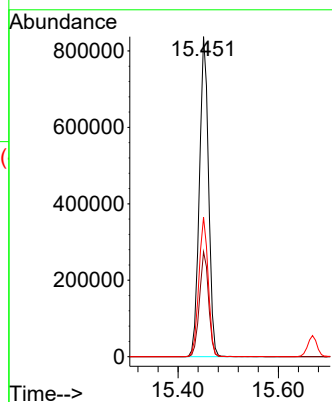
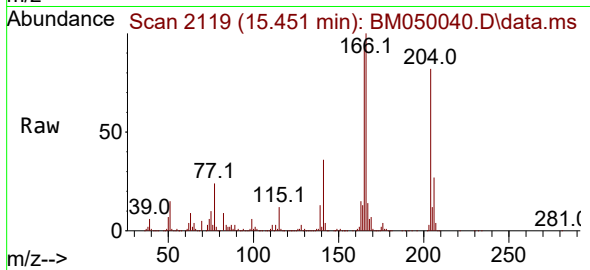




#61
4-Chlorophenyl-phenylether
Concen: 43.287 ng
RT: 15.451 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

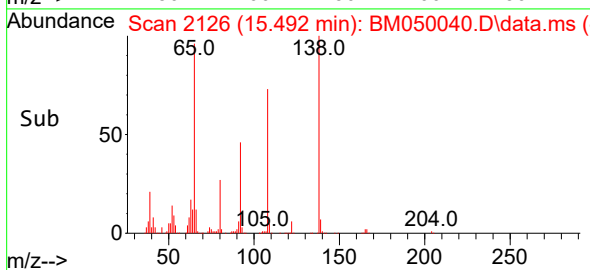
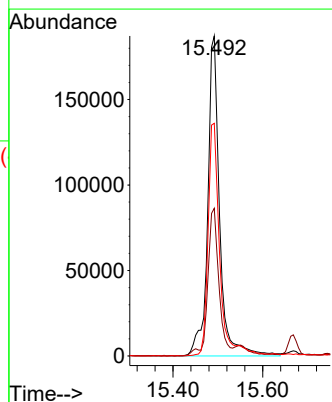
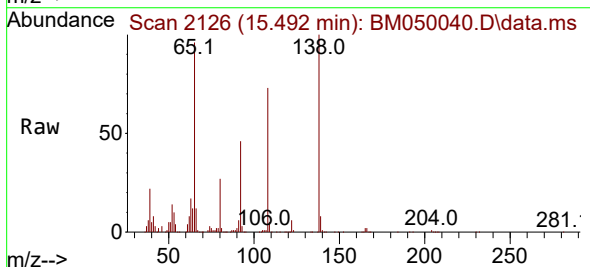
Instrument :
BNA_M
ClientSampleId :
PB167729BS

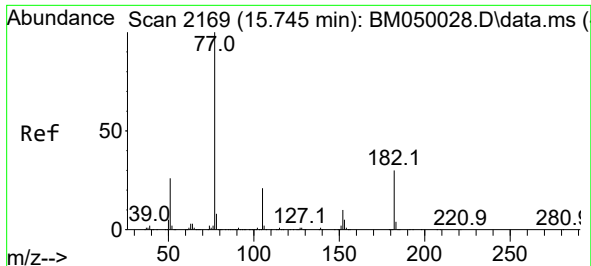
Tgt Ion:204 Resp: 1058040
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 43.5 34.0 51.0



#62
4-Nitroaniline
Concen: 40.852 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:138 Resp: 346266
Ion Ratio Lower Upper
138 100
92 46.2 25.9 65.9
108 72.7 52.4 92.4

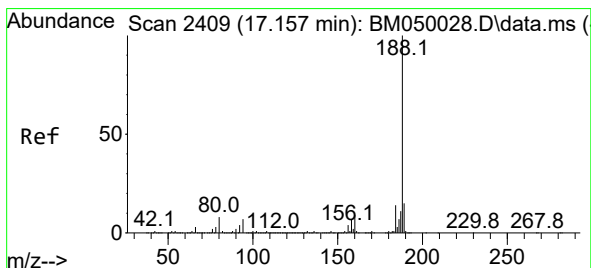
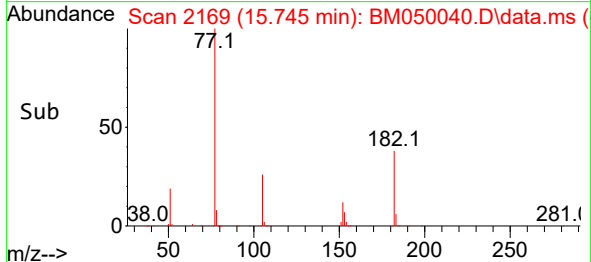
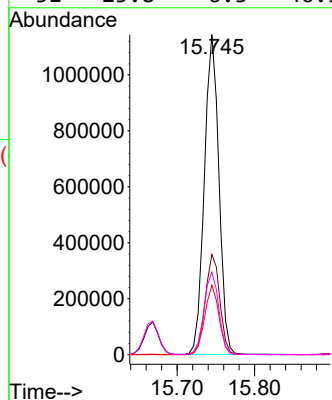
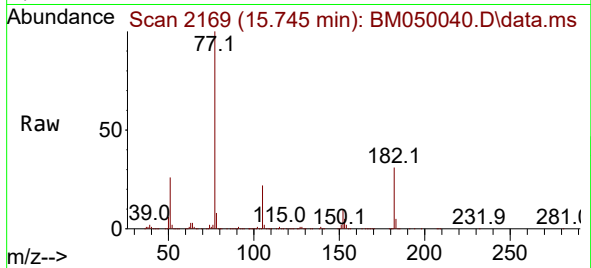




#63
Azobenzene
Concen: 42.399 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

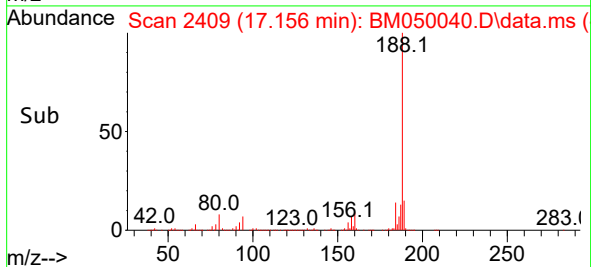
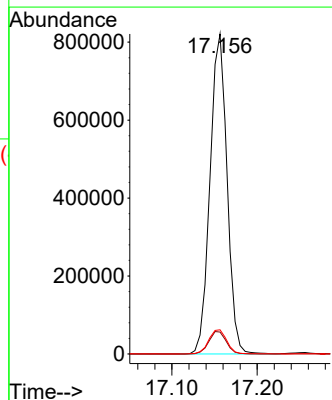
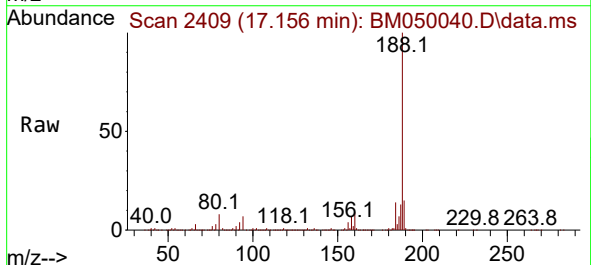
Instrument :
BNA_M
ClientSampleId :
PB167729BS

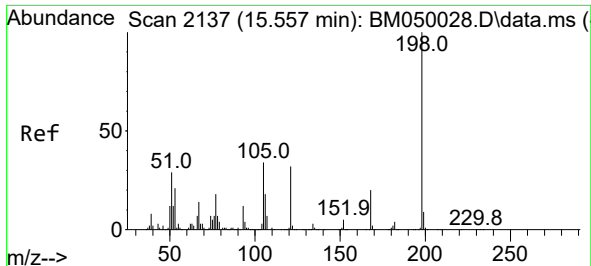
Tgt Ion: 77 Resp: 1488108
Ion Ratio Lower Upper
77 100
182 31.3 10.5 50.5
105 21.7 1.1 41.1
51 25.8 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 188 Resp: 1141685
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.6 6.2 9.4

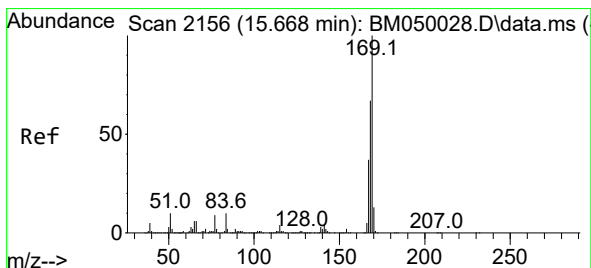
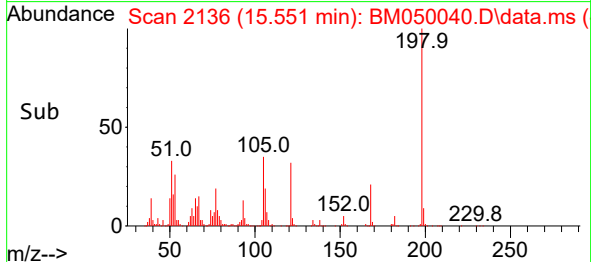
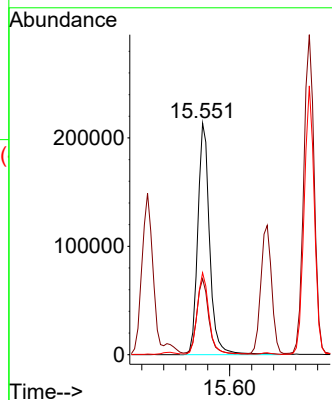
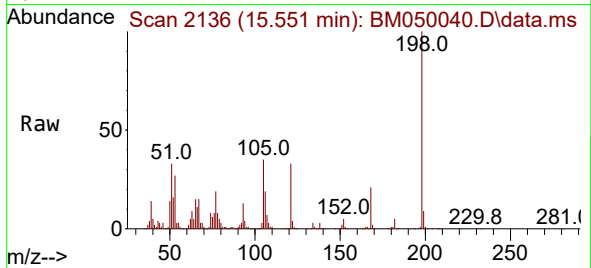




#65
4,6-Dinitro-2-methylphenol
Concen: 44.677 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

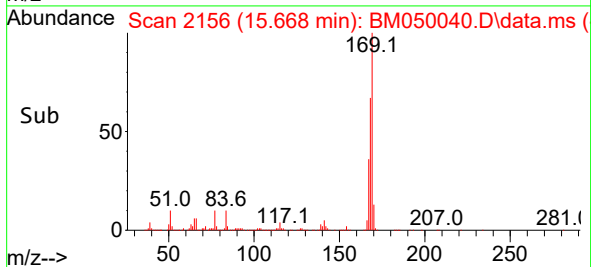
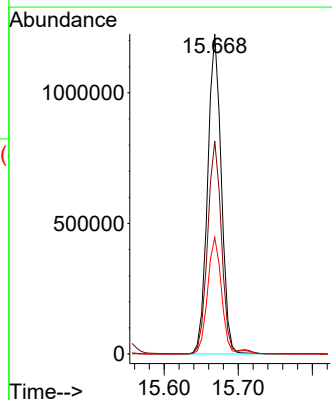
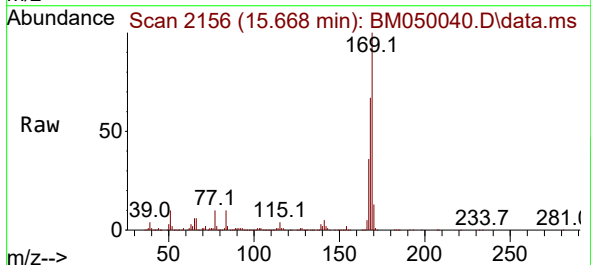
Instrument :
BNA_M
ClientSampleId :
PB167729BS

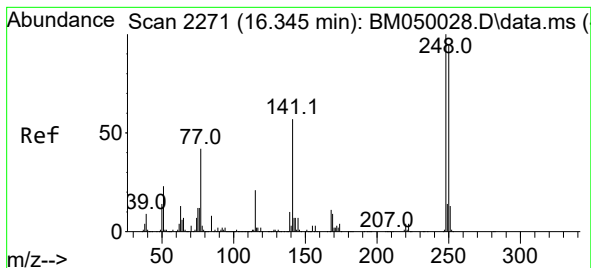
Tgt Ion:198 Resp: 319286
Ion Ratio Lower Upper
198 100
51 32.8 10.4 50.4
105 35.4 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.726 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:169 Resp: 1567999
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.4 29.4 44.0

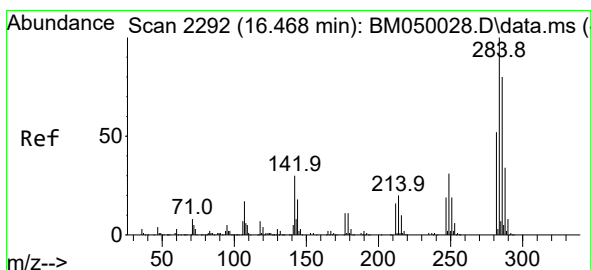
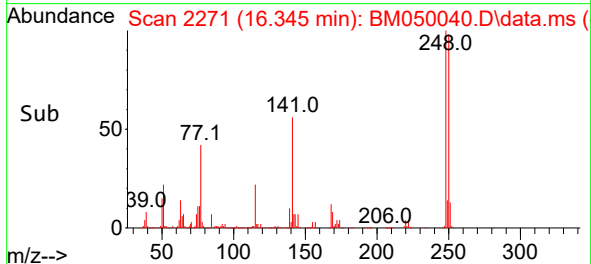
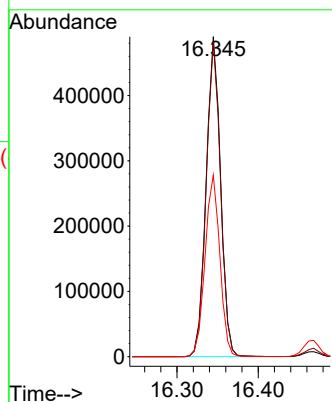
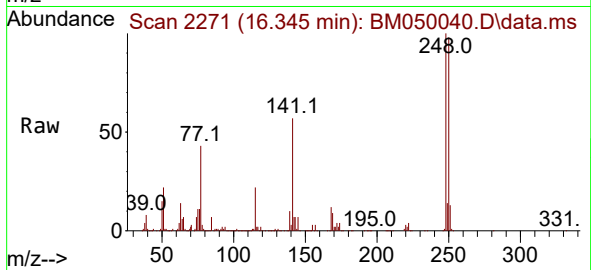




#67
4-Bromophenyl-phenylether
Concen: 43.769 ng
RT: 16.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

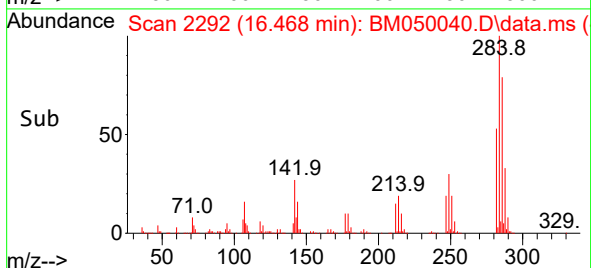
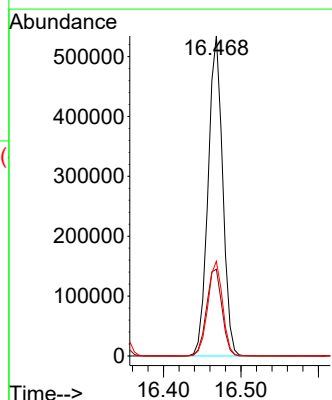
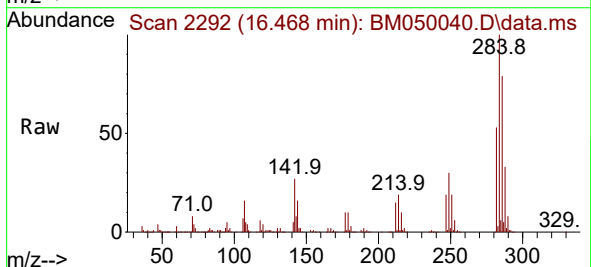
Instrument :
BNA_M
ClientSampleId :
PB167729BS

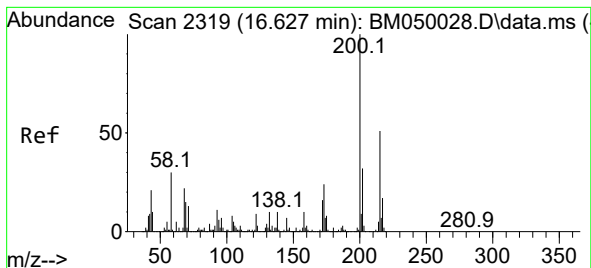
Tgt Ion:248 Resp: 604278
Ion Ratio Lower Upper
248 100
250 98.4 76.2 114.2
141 56.7 45.9 68.9



#68
Hexachlorobenzene
Concen: 43.801 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:284 Resp: 697068
Ion Ratio Lower Upper
284 100
142 27.1 23.9 35.9
249 29.6 24.5 36.7





#69

Atrazine

Concen: 43.054 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

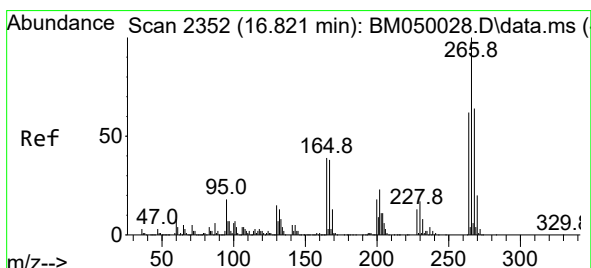
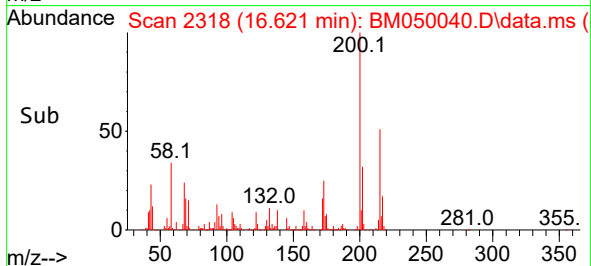
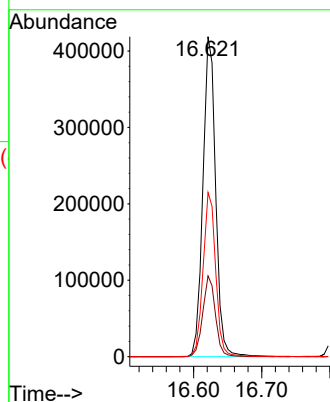
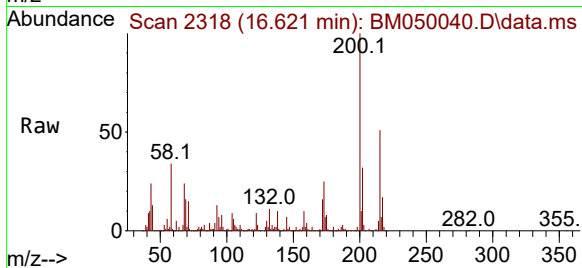
Tgt Ion:200 Resp: 544460

Ion Ratio Lower Upper

200 100

173 25.2 4.3 44.3

215 51.3 30.6 70.6



#70

Pentachlorophenol

Concen: 100.762 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

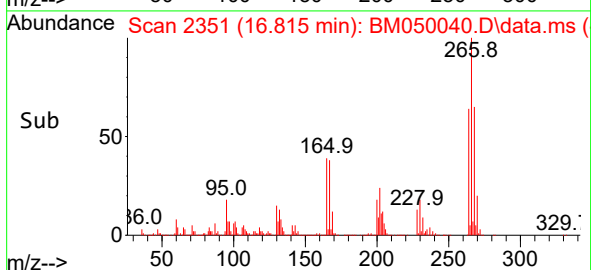
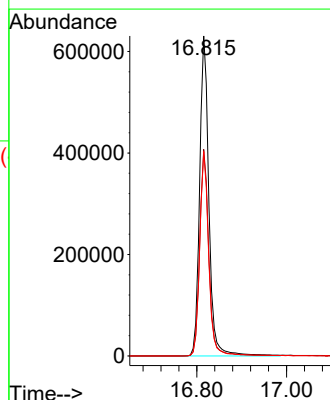
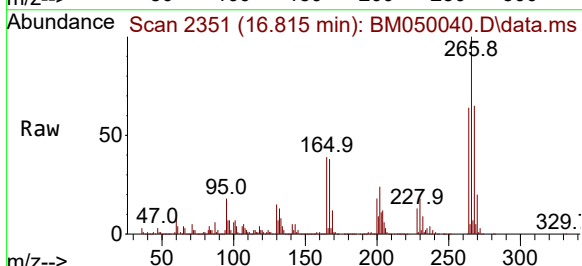
Tgt Ion:266 Resp: 902632

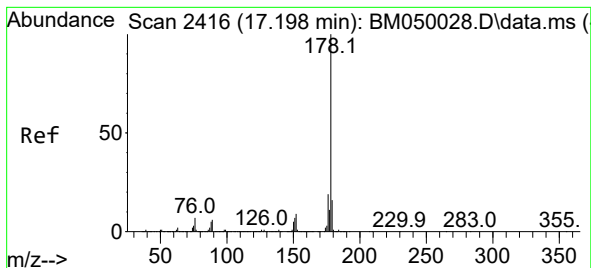
Ion Ratio Lower Upper

266 100

268 64.5 51.2 76.8

264 63.9 49.6 74.4





#71

Phenanthrene

Concen: 43.600 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

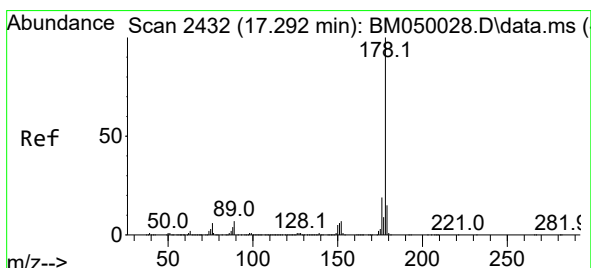
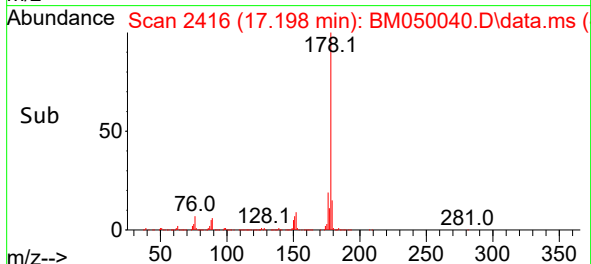
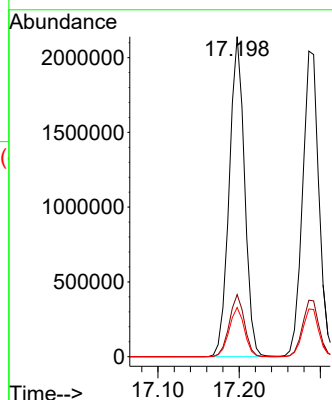
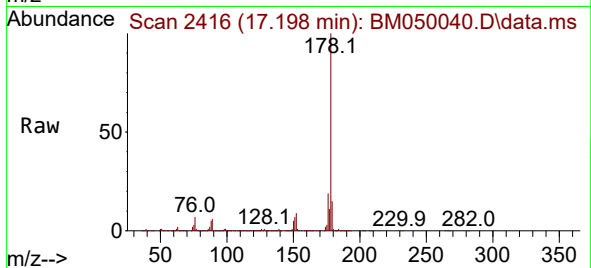
Tgt Ion:178 Resp: 2807497

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 44.205 ng

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

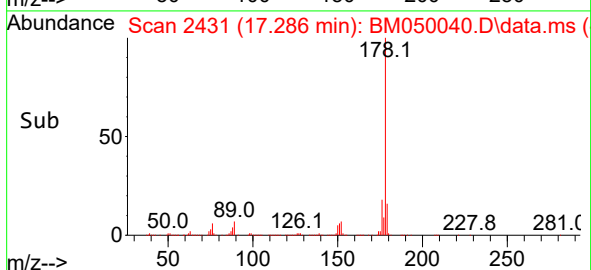
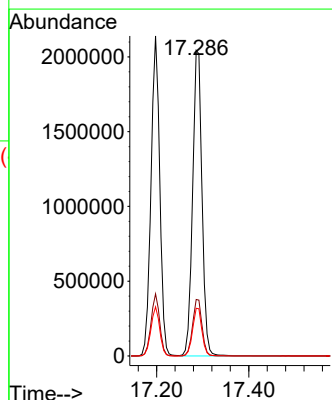
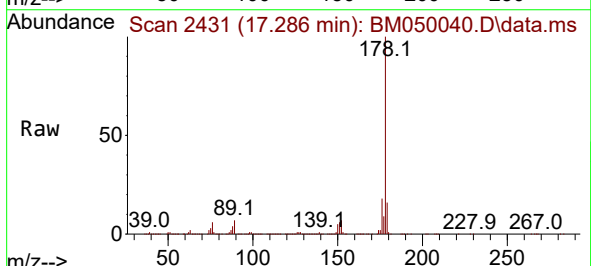
Tgt Ion:178 Resp: 2880577

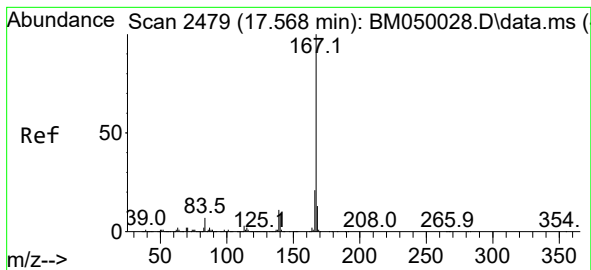
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.6 12.2 18.4





#73

Carbazole

Concen: 43.075 ng

RT: 17.562 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

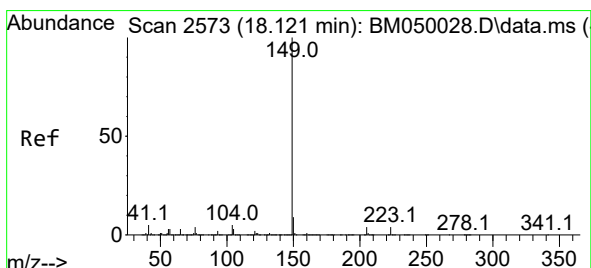
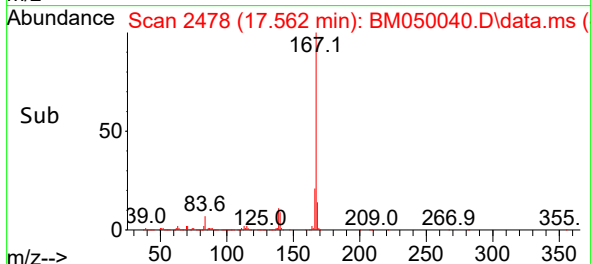
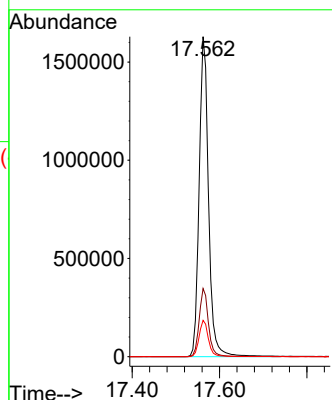
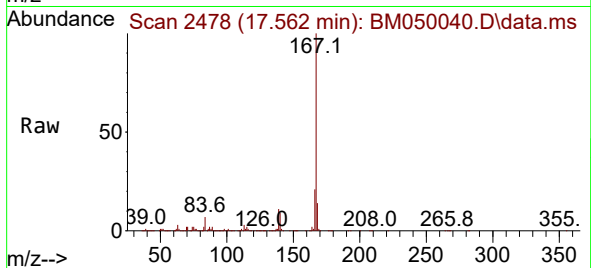
Tgt Ion:167 Resp: 2435722

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 11.4 9.0 13.6



#74

Di-n-butylphthalate

Concen: 42.058 ng

RT: 18.121 min Scan# 2573

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

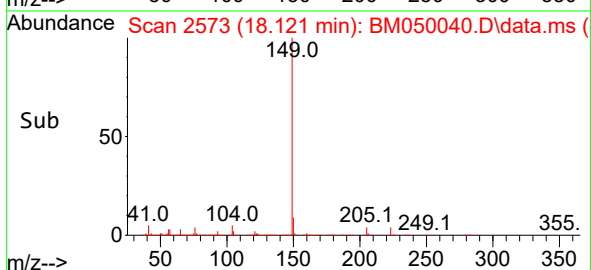
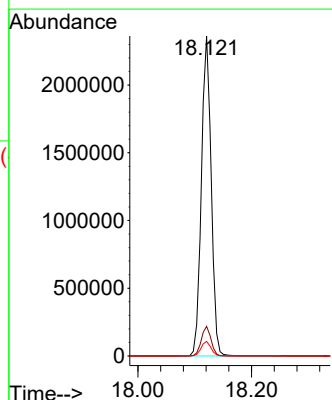
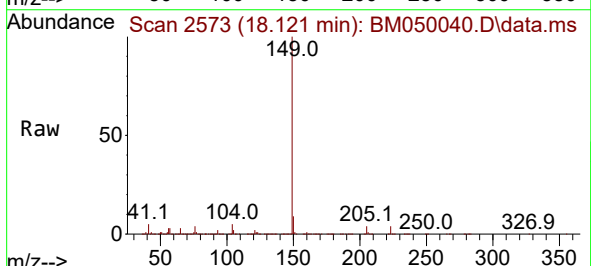
Tgt Ion:149 Resp: 2832214

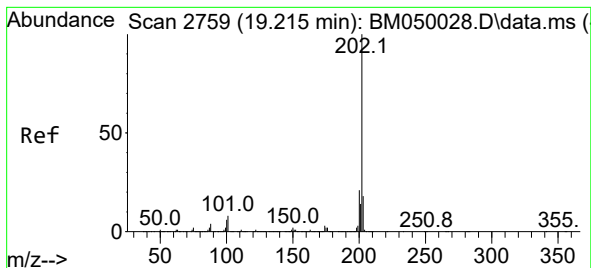
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.5 3.8 5.6





#75

Fluoranthene

Concen: 42.674 ng

RT: 19.215 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

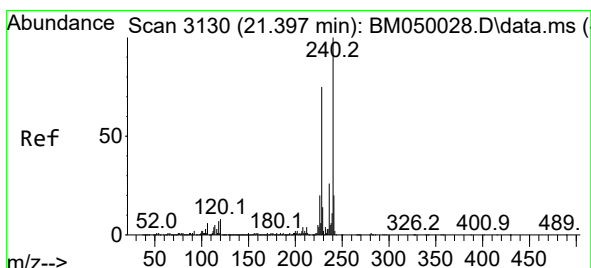
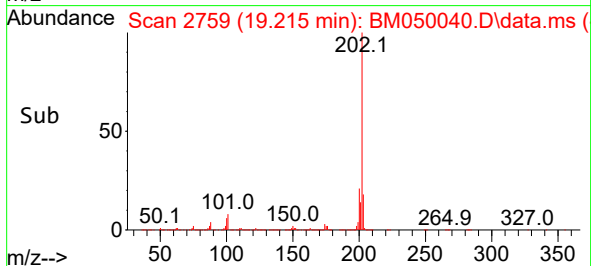
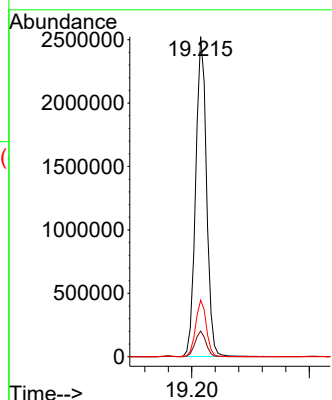
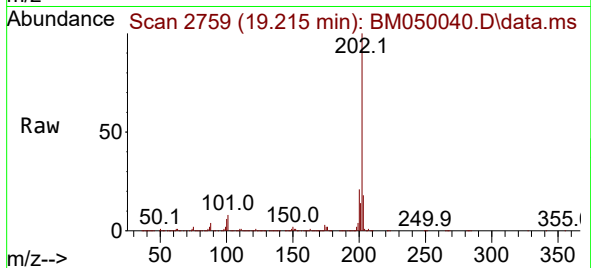
Tgt Ion:202 Resp: 3226174

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.0

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

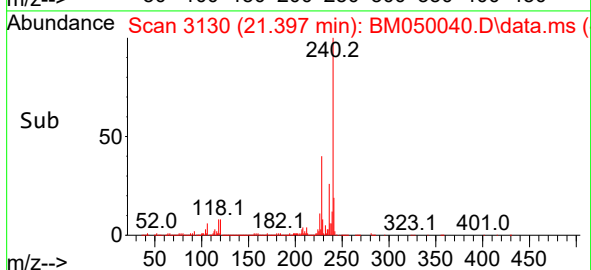
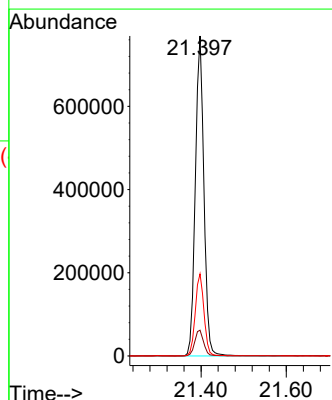
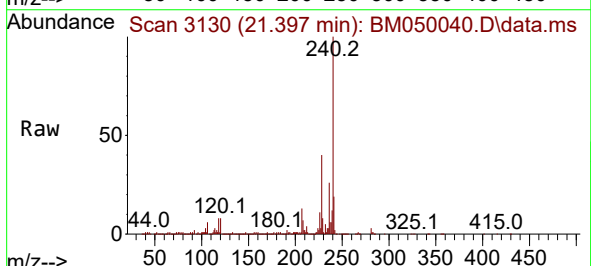
Tgt Ion:240 Resp: 1074284

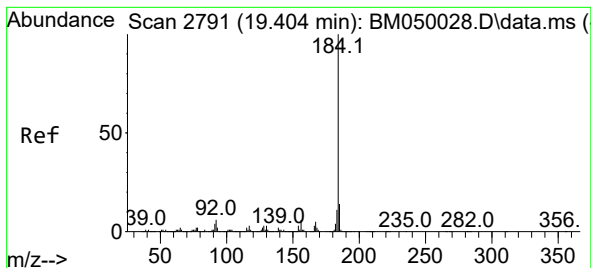
Ion Ratio Lower Upper

240 100

120 8.0 6.5 9.7

236 25.7 20.9 31.3





#77

Benzidine

Concen: 28.684 ng

RT: 19.409 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

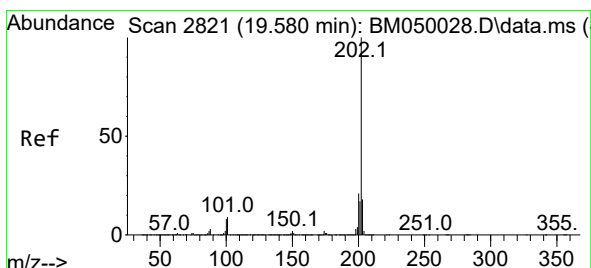
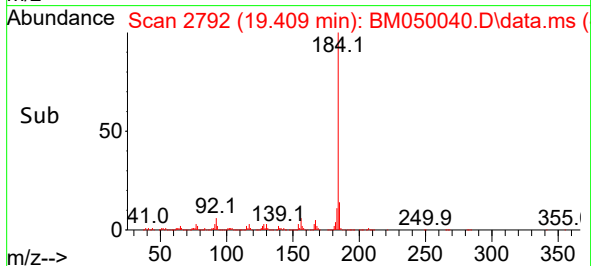
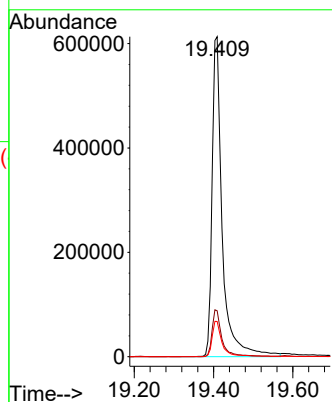
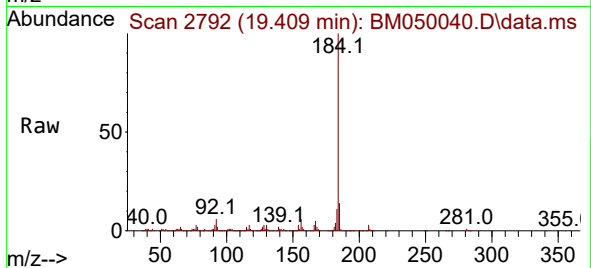
Tgt Ion:184 Resp: 1094565

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.0 8.9 13.3



#78

Pyrene

Concen: 43.987 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

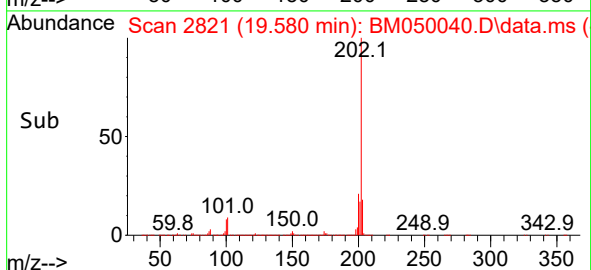
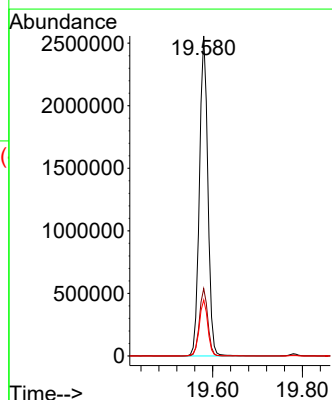
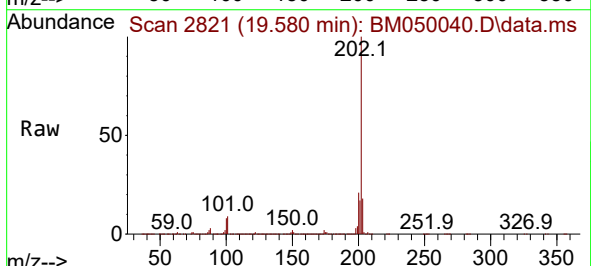
Tgt Ion:202 Resp: 3318333

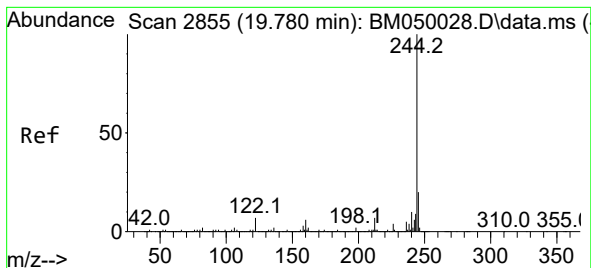
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 83.043 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050040.D

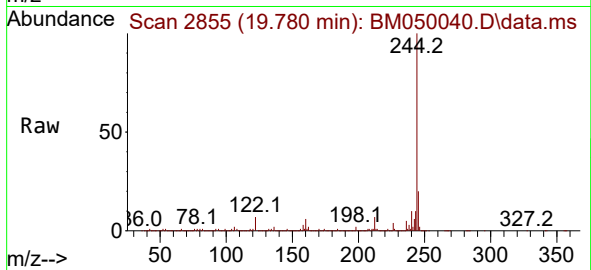
Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS



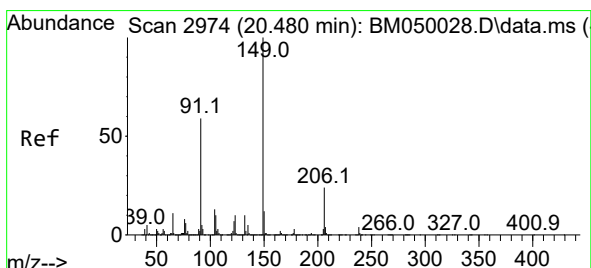
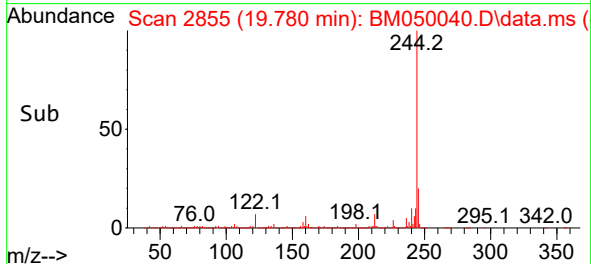
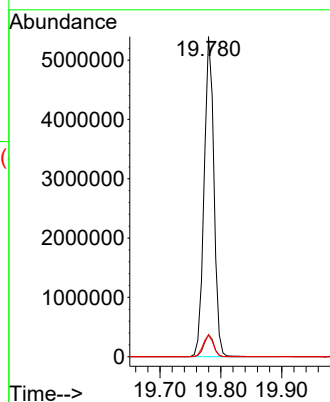
Tgt Ion:244 Resp: 6028843

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 6.7 5.6 8.4



#80

Butylbenzylphthalate

Concen: 42.496 ng

RT: 20.474 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

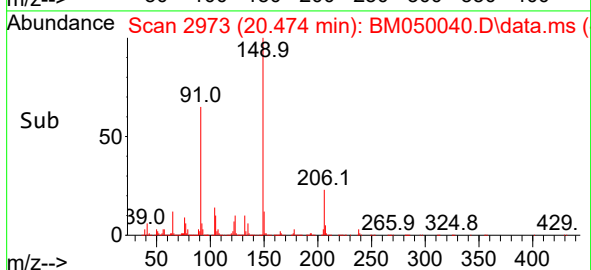
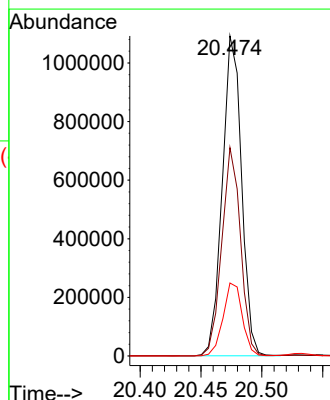
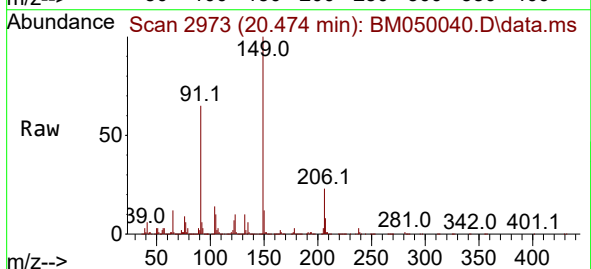
Tgt Ion:149 Resp: 1200717

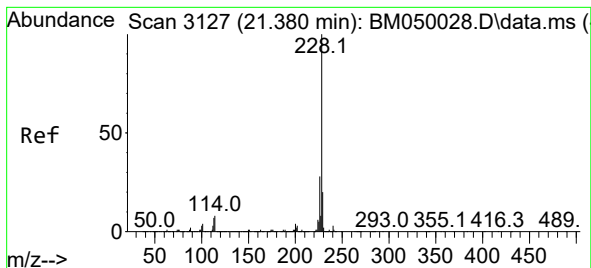
Ion Ratio Lower Upper

149 100

91 65.1 47.4 71.2

206 22.8 19.4 29.0





#81

Benzo(a)anthracene

Concen: 44.214 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

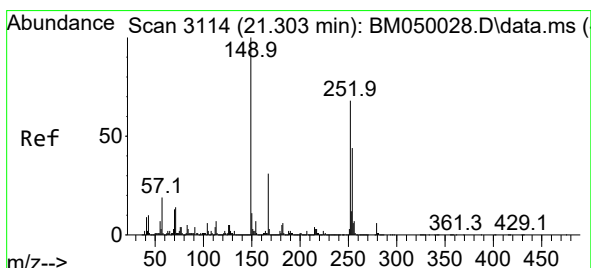
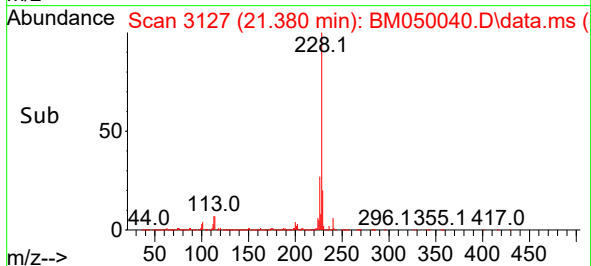
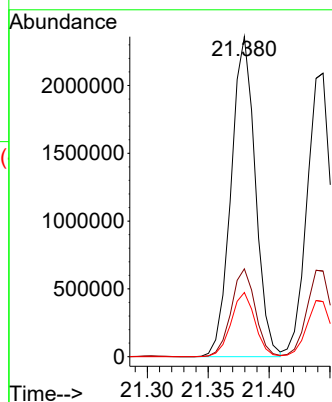
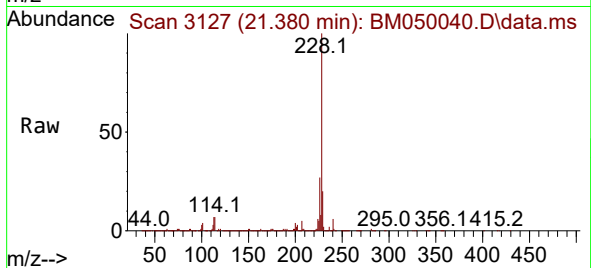
Tgt Ion:228 Resp: 3270859

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 20.570 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

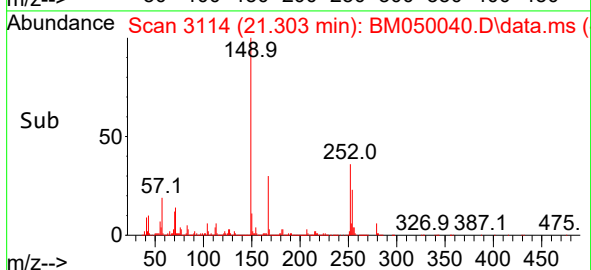
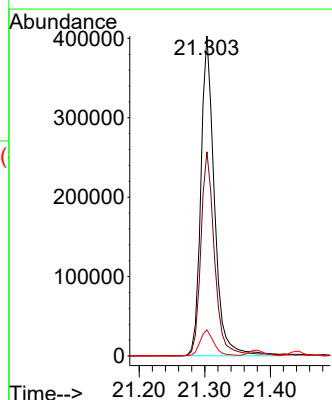
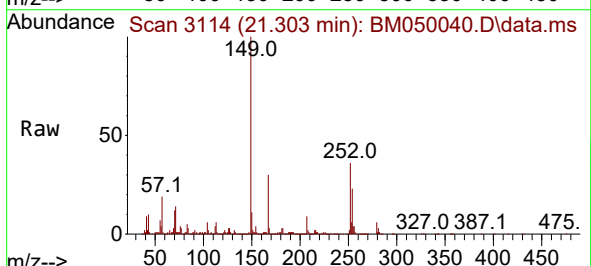
Tgt Ion:252 Resp: 582534

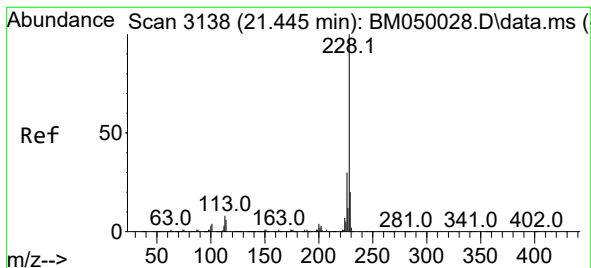
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.6

126 8.2 6.0 9.0





#83

Chrysene

Concen: 43.628 ng

RT: 21.444 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

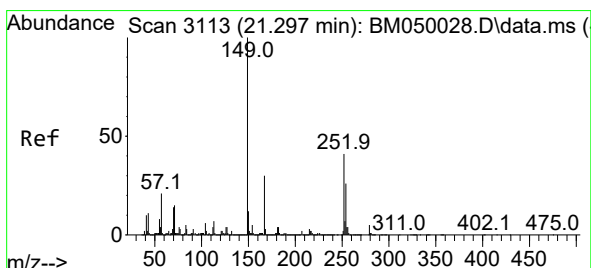
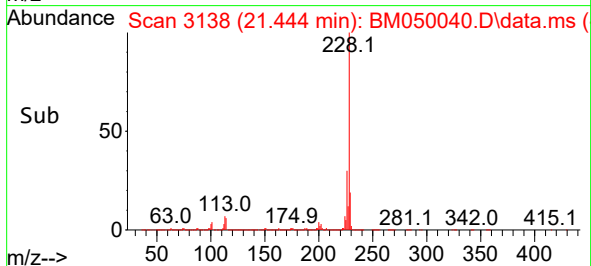
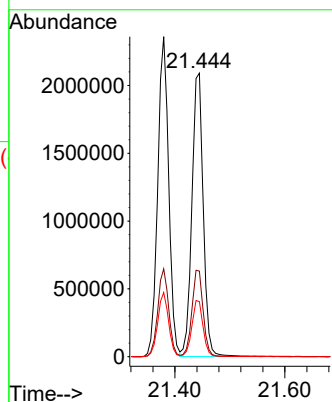
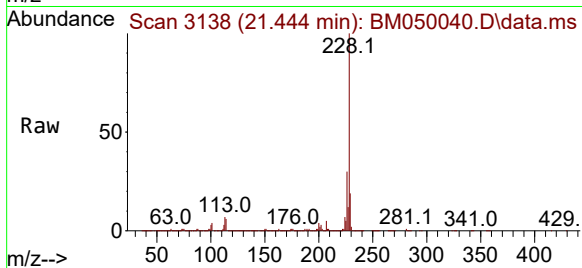
Tgt Ion:228 Resp: 2987144

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.954 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

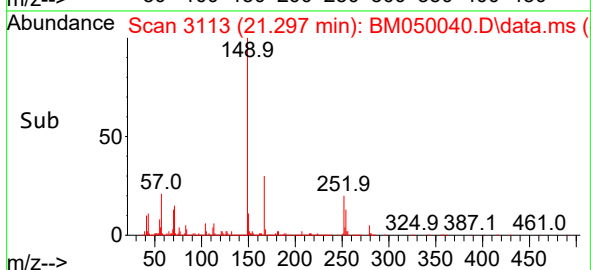
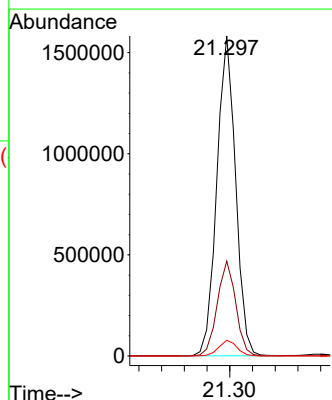
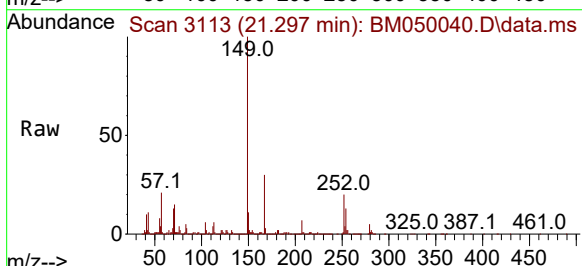
Tgt Ion:149 Resp: 1812796

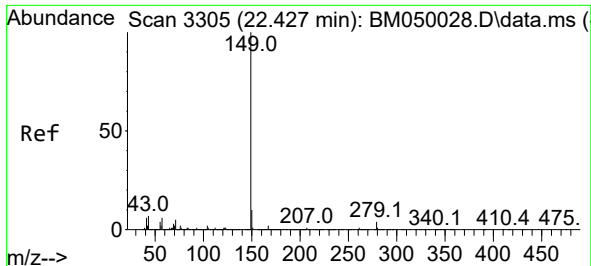
Ion Ratio Lower Upper

149 100

167 29.6 24.1 36.1

279 4.9 3.9 5.9

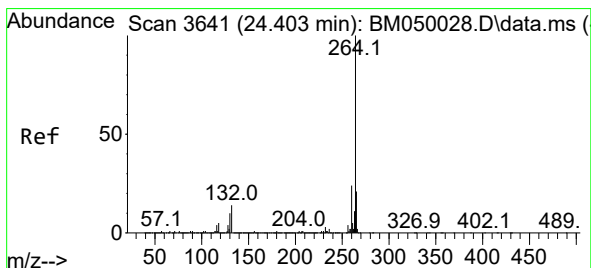
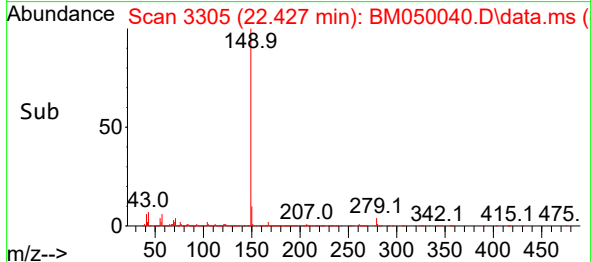
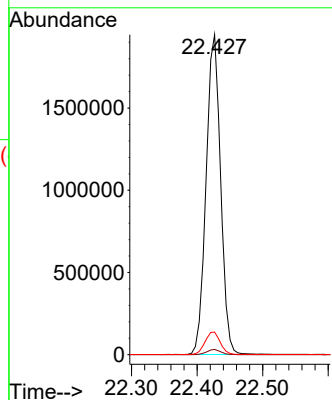
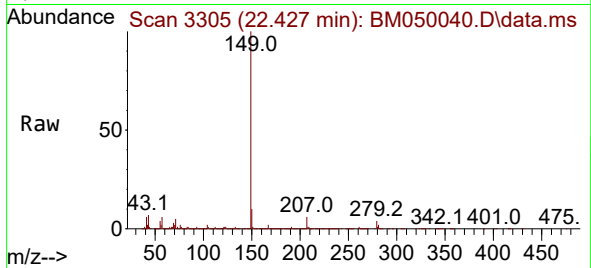




#85
Di-n-octyl phthalate
Concen: 43.017 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

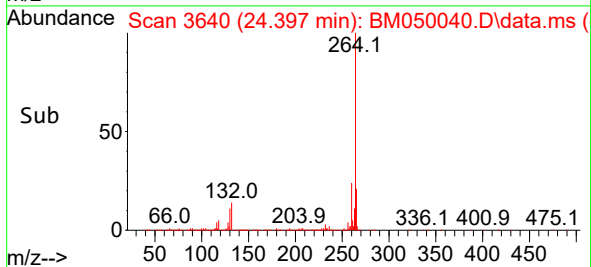
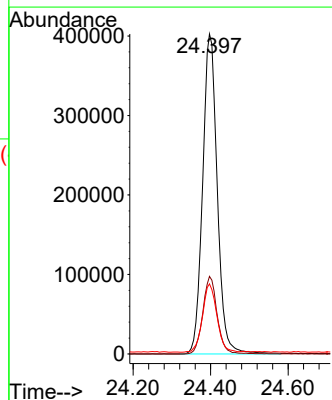
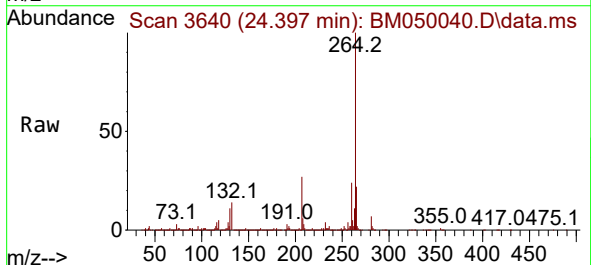
Instrument :
BNA_M
ClientSampleId :
PB167729BS

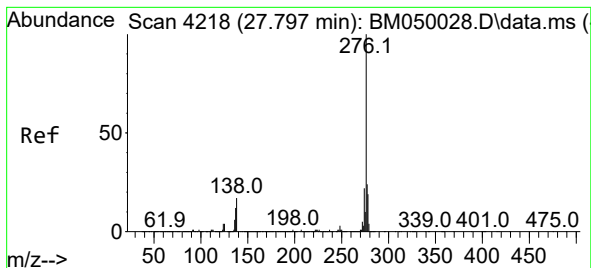
Tgt Ion:149 Resp: 2993996
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:264 Resp: 1054033
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.751 ng

RT: 27.791 min Scan# 4217

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

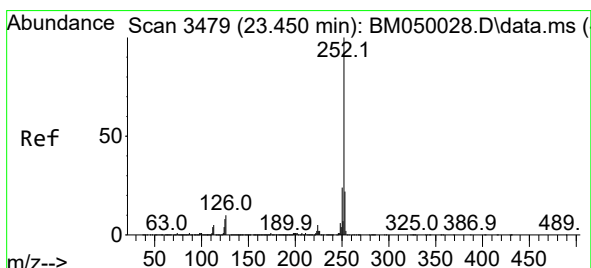
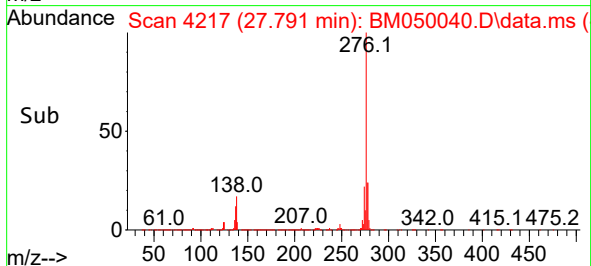
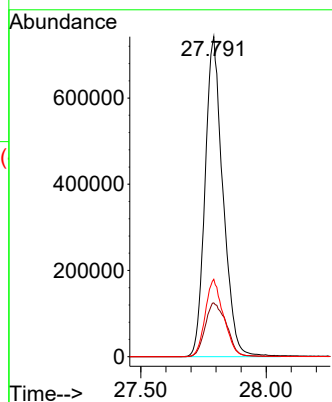
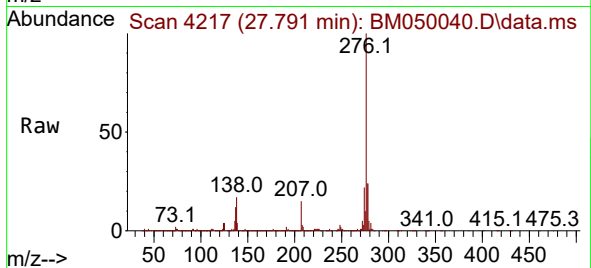
Tgt Ion:276 Resp: 3671724

Ion Ratio Lower Upper

276 100

138 20.2 16.4 24.6

277 24.9 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 44.521 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

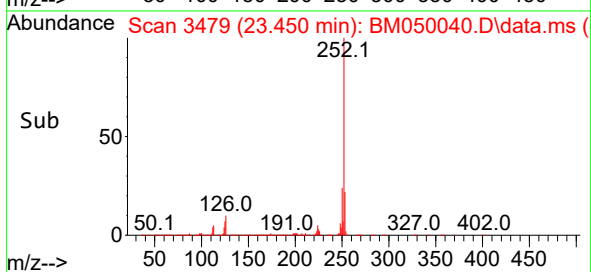
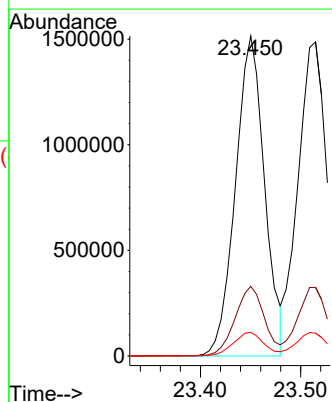
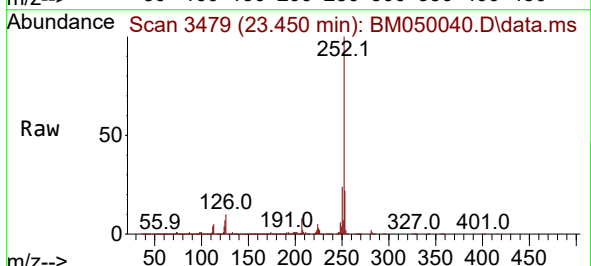
Tgt Ion:252 Resp: 3051800

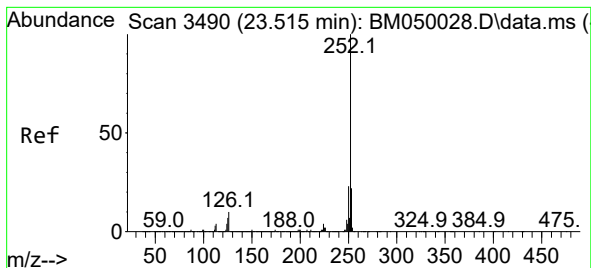
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 7.4 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 44.305 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

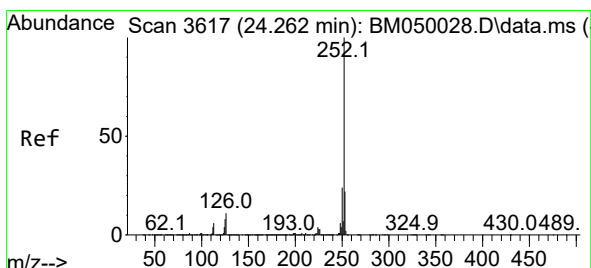
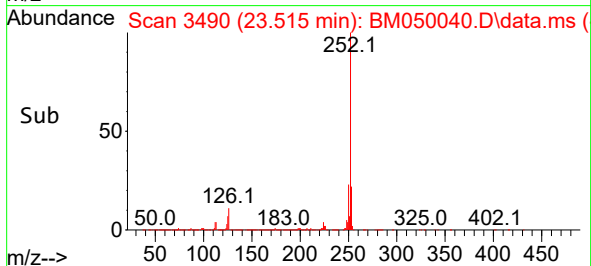
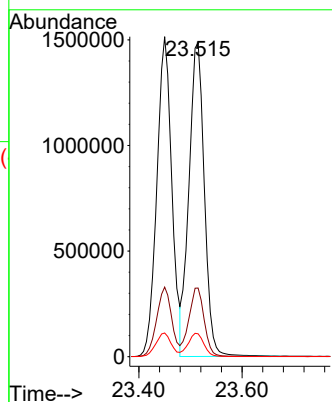
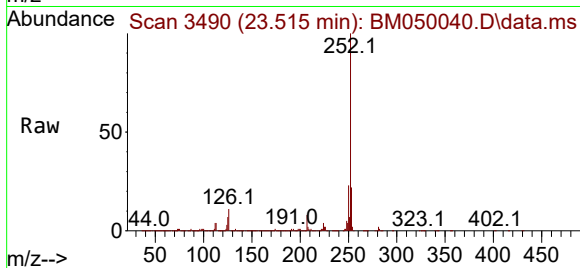
Tgt Ion:252 Resp: 3072007

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 7.3 5.8 8.8



#90

Benzo(a)pyrene

Concen: 44.562 ng

RT: 24.256 min Scan# 3616

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

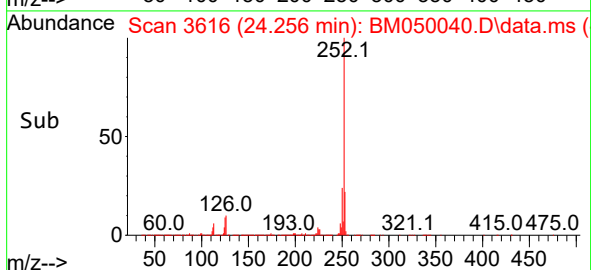
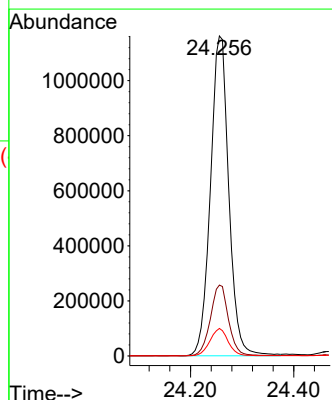
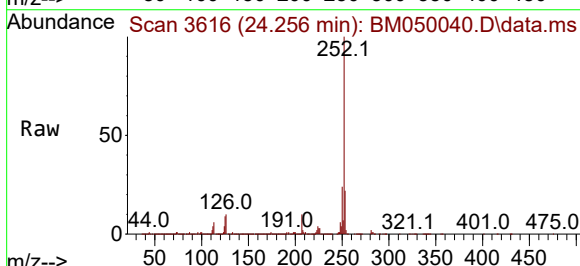
Tgt Ion:252 Resp: 2860922

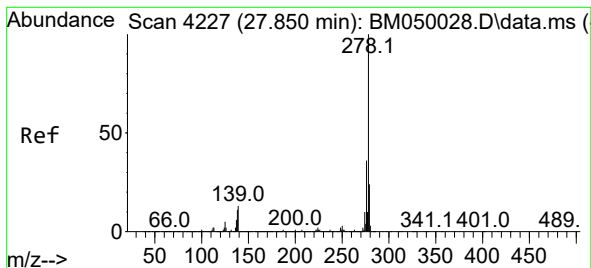
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.6 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 47.076 ng

RT: 27.832 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

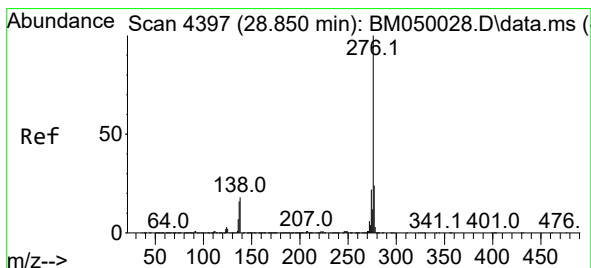
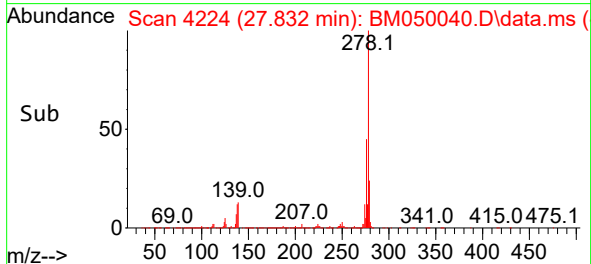
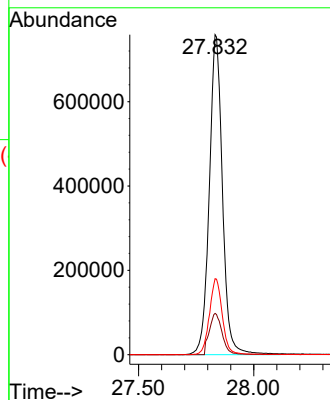
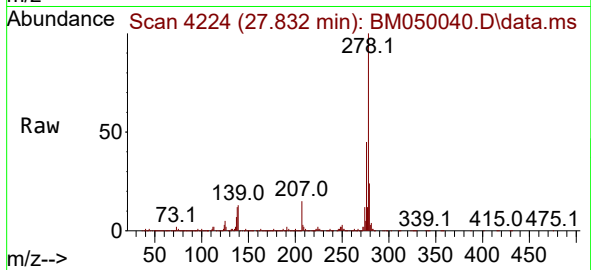
Tgt Ion:278 Resp: 3013923

Ion Ratio Lower Upper

278 100

139 12.9 10.5 15.7

279 23.8 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 46.543 ng

RT: 28.844 min Scan# 4396

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Tgt Ion:276 Resp: 2852758

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 17.4 14.3 21.5

