

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050042.D
 Acq On : 30 Apr 2025 10:53
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 30 11:55:04 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	265682	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	955212	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	612937	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1168552	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1113697	20.000	ng	0.00
86) Perylene-d12	24.397	264	1051342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1321607	87.105	ng	0.00
7) Phenol-d6	6.946	99	1658262	86.957	ng	0.00
23) Nitrobenzene-d5	8.928	82	1712149	88.324	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	767689	84.705	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4628613	89.333	ng	0.00
79) Terphenyl-d14	19.780	244	7005412	93.079	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	280442	43.108	ng	99
3) Pyridine	3.658	79	730788	43.721	ng	98
4) n-Nitrosodimethylamine	3.563	42	289816	44.209	ng	98
6) Aniline	7.093	93	1031898	42.852	ng	98
8) 2-Chlorophenol	7.334	128	689698	42.042	ng	98
9) Benzaldehyde	6.910	77	550768	43.158	ng	99
10) Phenol	6.975	94	830037	42.995	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	696957	43.235	ng	99
12) 1,3-Dichlorobenzene	7.651	146	834717	42.122	ng	100
13) 1,4-Dichlorobenzene	7.798	146	843196	42.355	ng	98
14) 1,2-Dichlorobenzene	8.116	146	809174	42.078	ng	100
15) Benzyl Alcohol	8.010	79	571084	43.183	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.292	45	852852	43.523	ng	100
17) 2-Methylphenol	8.222	107	540978	42.537	ng	99
18) Hexachloroethane	8.840	117	300098	42.405	ng	96
19) n-Nitroso-di-n-propyla...	8.575	70	528511	43.212	ng	99
20) 3+4-Methylphenols	8.551	107	726988	42.329	ng	97
22) Acetophenone	8.587	105	1030325	43.385	ng	# 98
24) Nitrobenzene	8.969	77	735027	43.853	ng	100
25) Isophorone	9.492	82	1390935	42.094	ng	98
26) 2-Nitrophenol	9.675	139	372213	43.468	ng	98
27) 2,4-Dimethylphenol	9.745	122	616468	43.412	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	883818	43.275	ng	100
29) 2,4-Dichlorophenol	10.222	162	684476	43.026	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	828831	42.762	ng	99
31) Naphthalene	10.610	128	2061795	42.621	ng	99
32) Benzoic acid	9.910	122	364411	40.124	ng	99
33) 4-Chloroaniline	10.722	127	842409	42.486	ng	99
34) Hexachlorobutadiene	10.892	225	524746	42.651	ng	99
35) Caprolactam	11.516	113	183423	39.543	ng	95
36) 4-Chloro-3-methylphenol	11.863	107	609124	41.443	ng	98
37) 2-Methylnaphthalene	12.222	142	1367845	42.175	ng	99
38) 1-Methylnaphthalene	12.445	142	1423348	41.470	ng	98
40) 1,2,4,5-Tetrachloroben...	12.598	216	936632	44.143	ng	100
41) Hexachlorocyclopentadiene	12.575	237	579325	44.677	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	586802	43.603	ng	99

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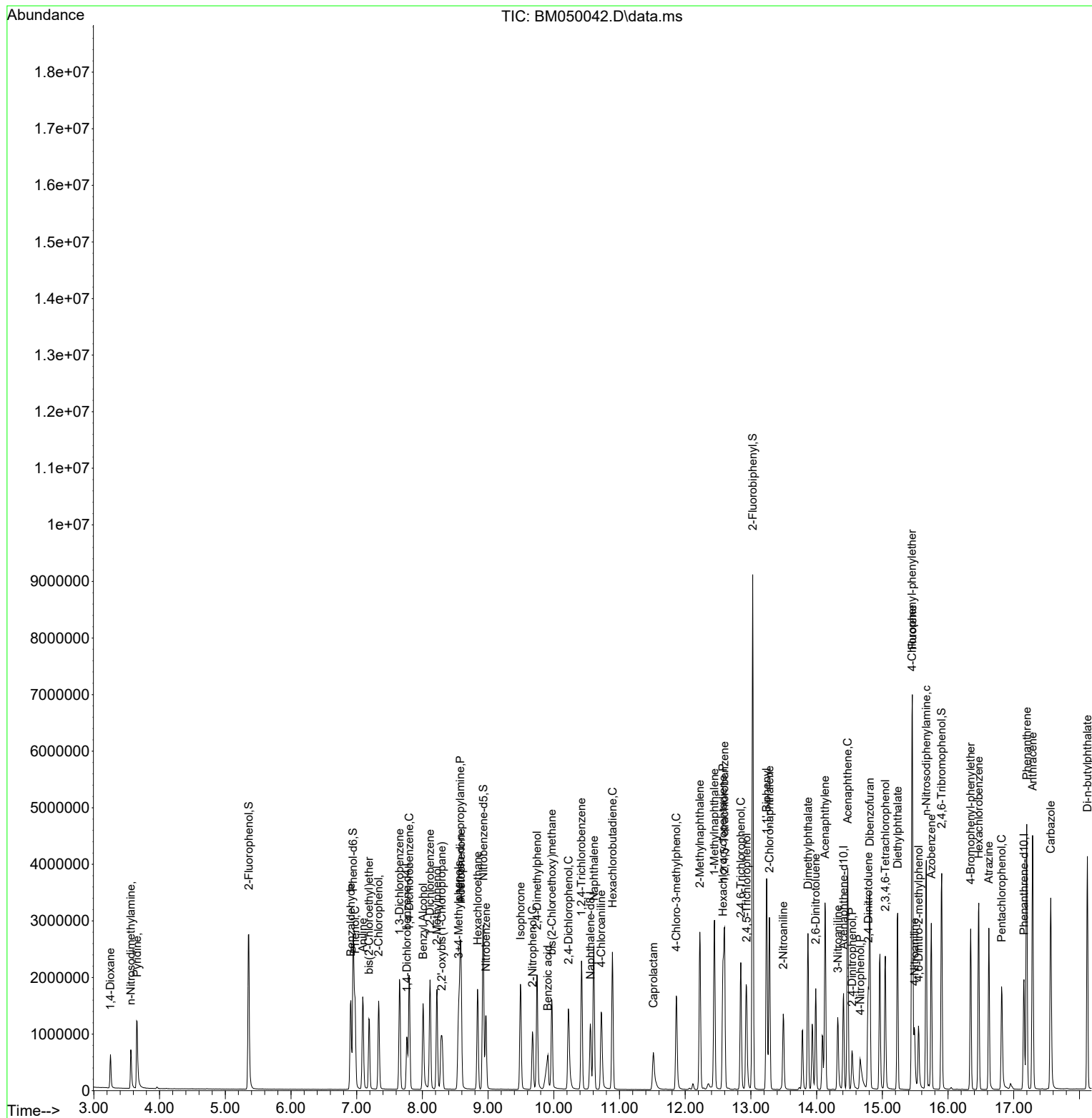
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	630001	43.411	ng	99
46) 1,1'-Biphenyl	13.239	154	1954241	42.891	ng	99
47) 2-Chloronaphthalene	13.280	162	1555505	43.106	ng	100
48) 2-Nitroaniline	13.492	65	365502	43.156	ng	98
49) Acenaphthylene	14.127	152	2411362	42.382	ng	100
50) Dimethylphthalate	13.869	163	1849837	41.296	ng	100
51) 2,6-Dinitrotoluene	13.986	165	394518	42.538	ng	96
52) Acenaphthene	14.474	154	1403184	42.607	ng	100
53) 3-Nitroaniline	14.322	138	373464	42.178	ng	98
54) 2,4-Dinitrophenol	14.539	184	212492	38.974	ng	96
55) Dibenzofuran	14.810	168	2300153	41.978	ng	100
56) 4-Nitrophenol	14.663	139	255109	37.941	ng	94
57) 2,4-Dinitrotoluene	14.786	165	542807	42.356	ng	99
58) Fluorene	15.457	166	1921347	42.839	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	527254	41.972	ng	99
60) Diethylphthalate	15.233	149	1731827	41.031	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	1071699	43.504	ng	99
62) 4-Nitroaniline	15.492	138	366264	42.874	ng	100
63) Azobenzene	15.745	77	1519297	42.950	ng	100
65) 4,6-Dinitro-2-methylph...	15.551	198	310863	42.498	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1560967	43.501	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	607925	43.021	ng	99
68) Hexachlorobenzene	16.468	284	695516	42.699	ng	96
69) Atrazine	16.621	200	544551	42.071	ng	99
70) Pentachlorophenol	16.815	266	387154	42.225	ng	98
71) Phenanthrene	17.198	178	2829602	42.933	ng	100
72) Anthracene	17.286	178	2878094	43.151	ng	100
73) Carbazole	17.562	167	2425018	41.899	ng	100
74) Di-n-butylphthalate	18.121	149	2922945	42.408	ng	100
75) Fluoranthene	19.215	202	3271721	42.281	ng	100
77) Benzidine	19.404	184	1650938	41.733	ng	99
78) Pyrene	19.580	202	3366511	43.046	ng	100
80) Butylbenzylphthalate	20.474	149	1219105	41.620	ng	95
81) Benzo(a)anthracene	21.380	228	3283983	42.820	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1236475	42.117	ng	100
83) Chrysene	21.439	228	3025120	42.619	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	1862578	42.571	ng	99
85) Di-n-octyl phthalate	22.427	149	2954982	40.954	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	3352076	42.790	ng	100
88) Benzo(b)fluoranthene	23.450	252	2964449	43.358	ng	99
89) Benzo(k)fluoranthene	23.509	252	2983657	43.141	ng	99
90) Benzo(a)pyrene	24.256	252	2715011	42.397	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	2723509	42.649	ng	99
92) Benzo(g,h,i)perylene	28.844	276	2571251	42.058	ng	99

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

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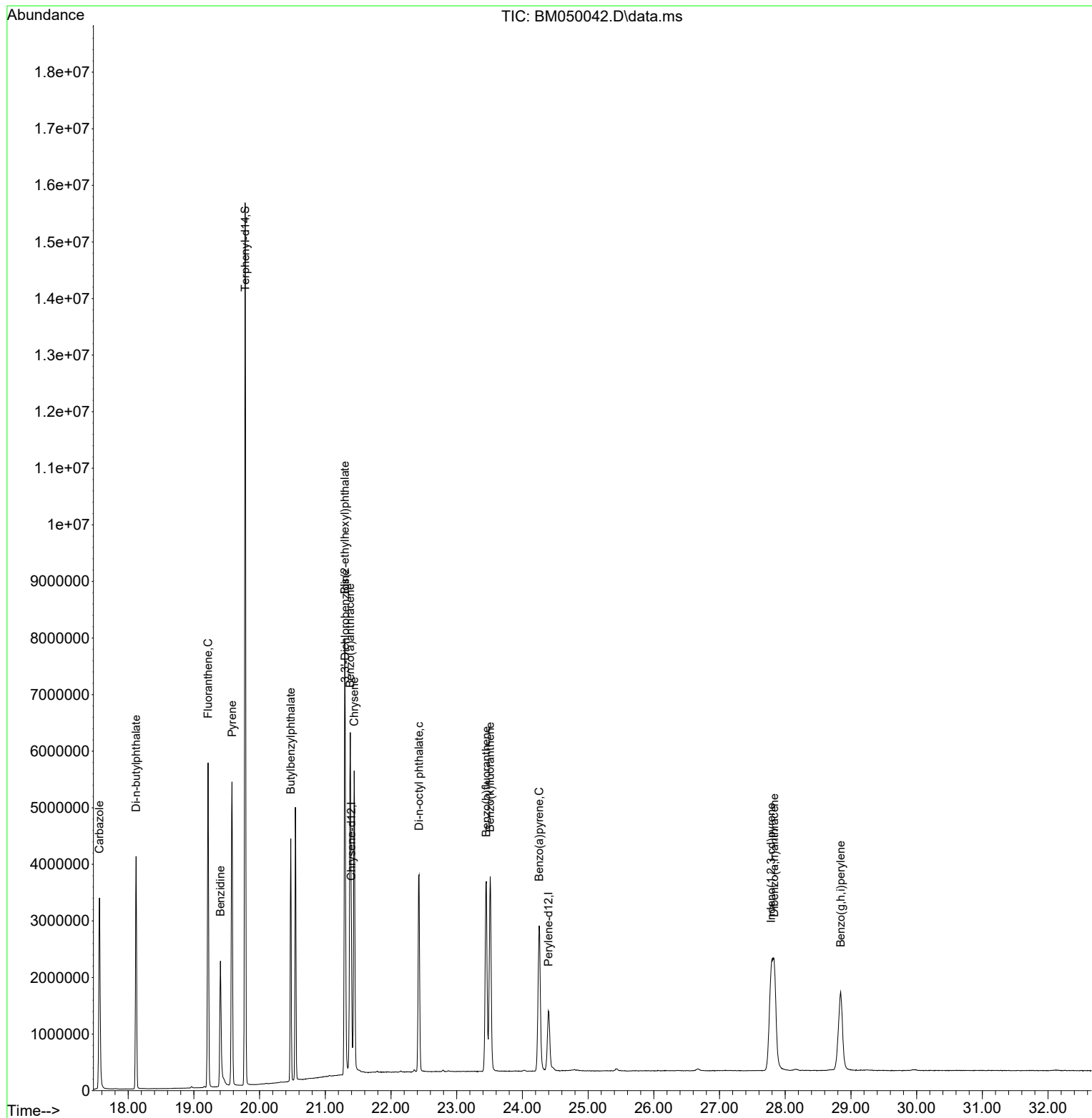
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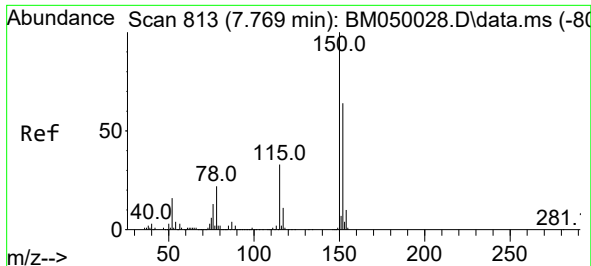


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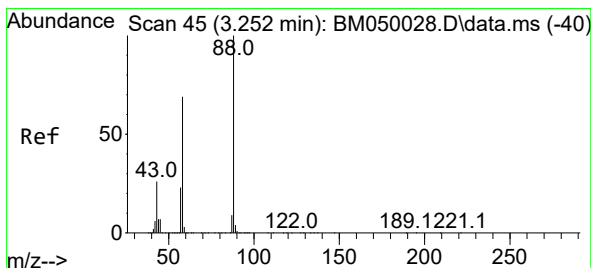
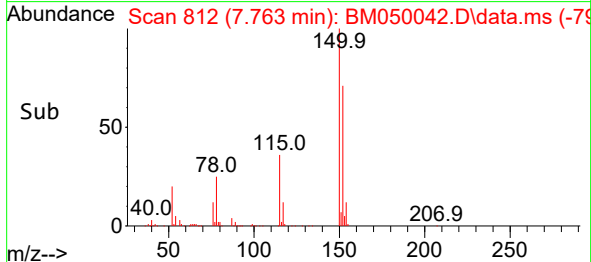
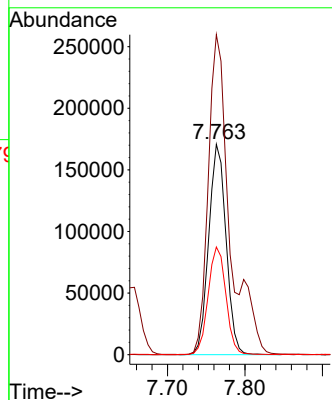
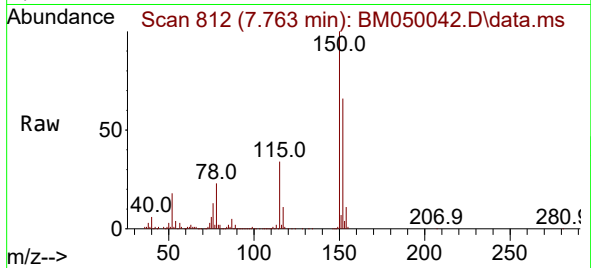




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050042.D
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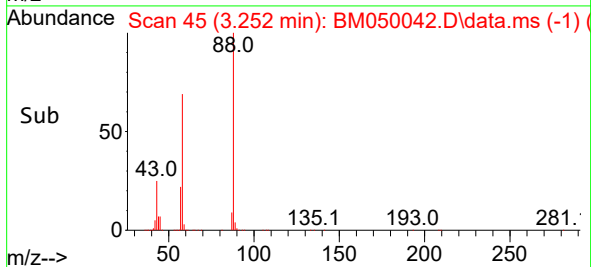
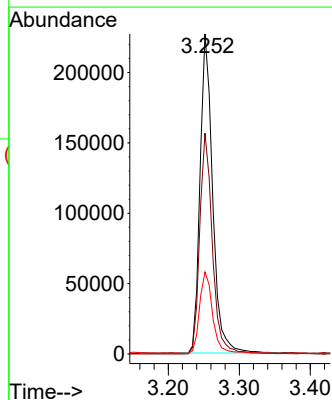
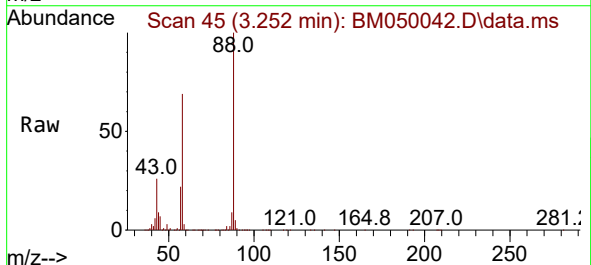
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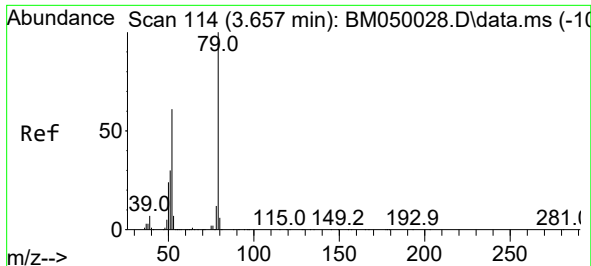
Tgt Ion:152 Resp: 265682
Ion Ratio Lower Upper
152 100
150 152.0 124.1 186.1
115 51.2 41.2 61.8



#2
1,4-Dioxane
Concen: 43.108 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion: 88 Resp: 280442
Ion Ratio Lower Upper
88 100
58 69.7 55.1 82.7
43 26.0 20.9 31.3

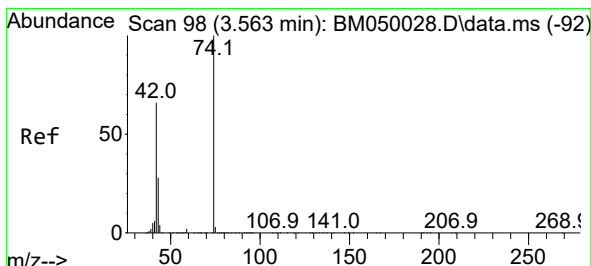
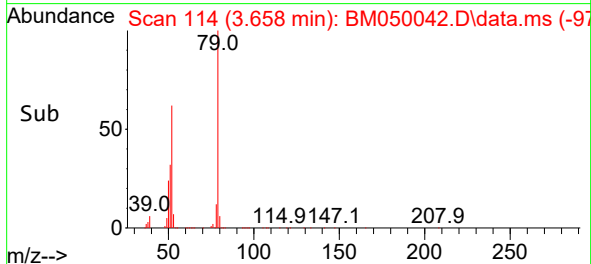
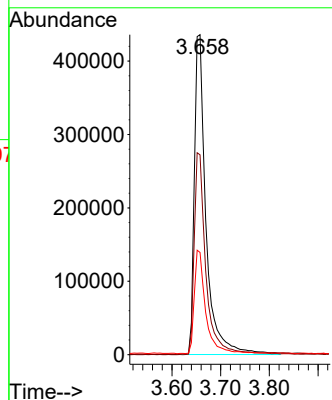
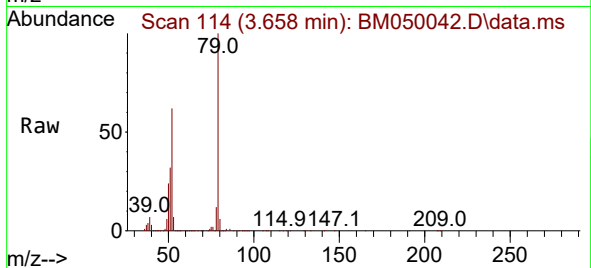




#3
Pyridine
Concen: 43.721 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

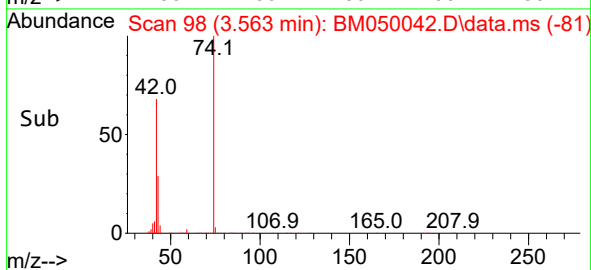
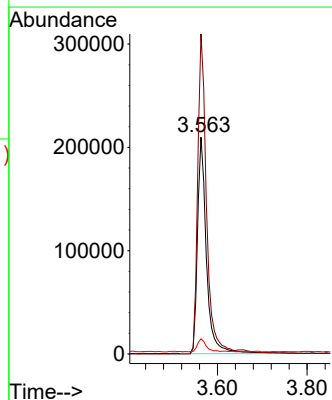
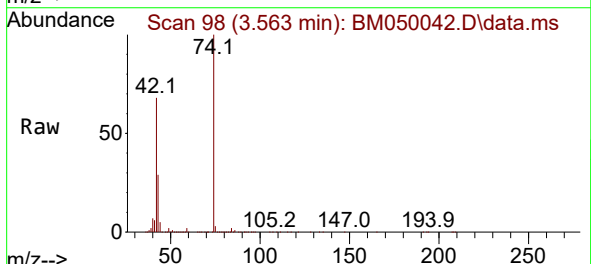
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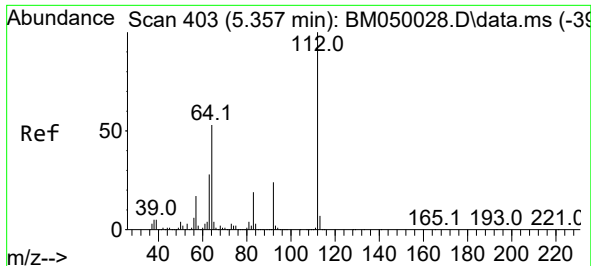
Tgt Ion: 79 Resp: 730788
Ion Ratio Lower Upper
79 100
52 62.5 48.6 72.8
51 31.9 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 44.209 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion: 42 Resp: 289816
Ion Ratio Lower Upper
42 100
74 147.5 120.2 180.2
44 7.0 6.2 9.2

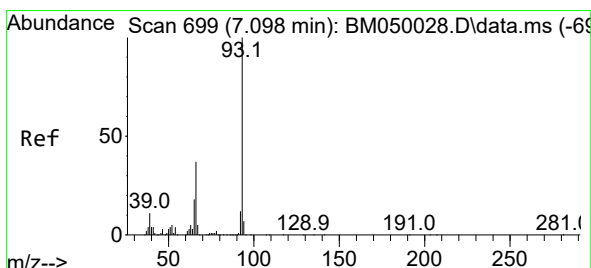
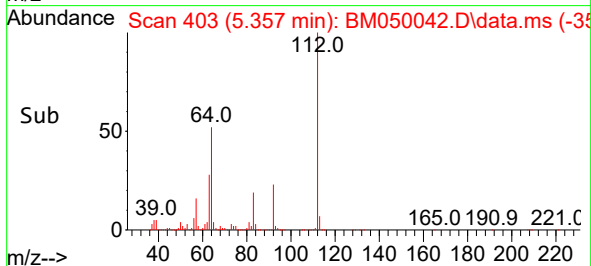
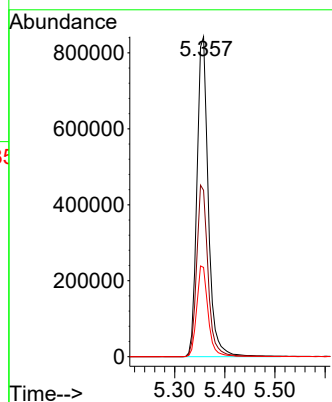
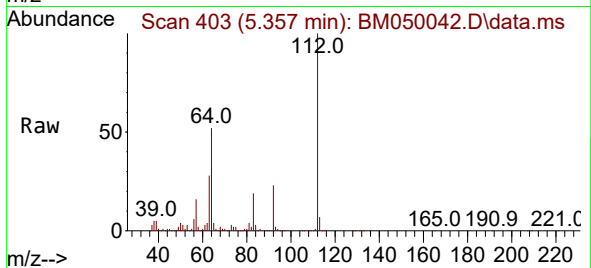




#5
2-Fluorophenol
Concen: 87.105 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050042.D
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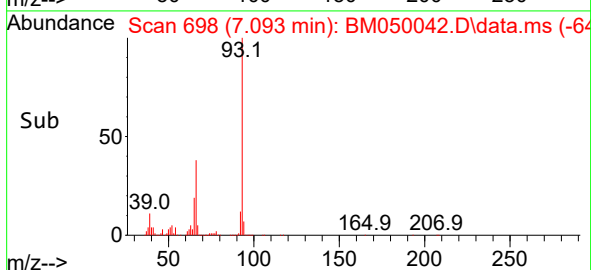
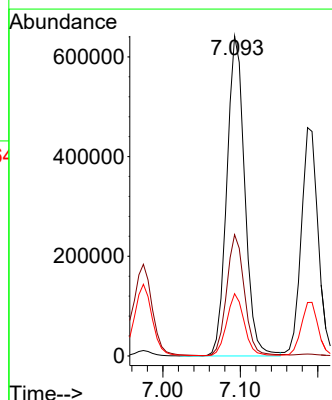
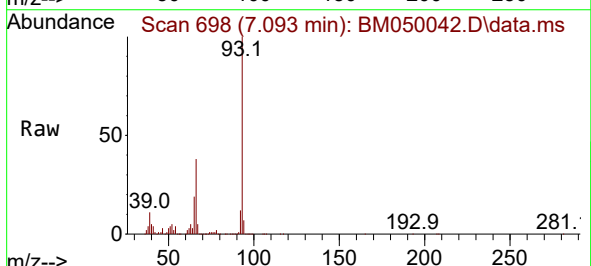
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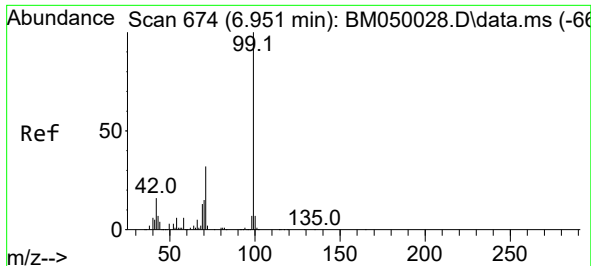
Tgt Ion:112 Resp: 1321607
Ion Ratio Lower Upper
112 100
64 52.0 42.6 64.0
63 27.9 22.2 33.4



#6
Aniline
Concen: 42.852 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion: 93 Resp: 1031898
Ion Ratio Lower Upper
93 100
66 37.9 29.9 44.9
65 19.5 14.5 21.7

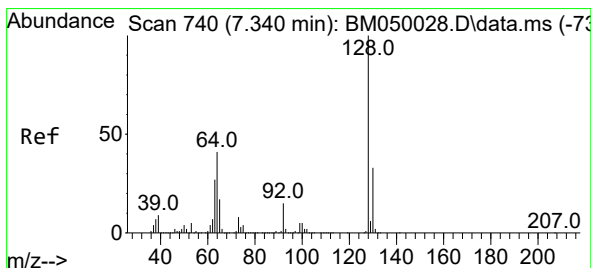
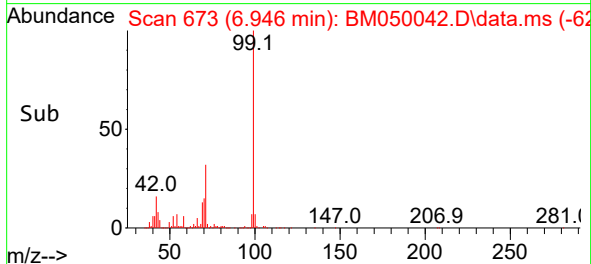
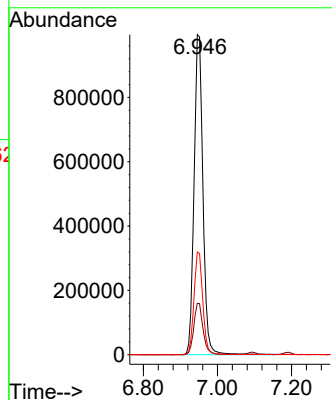
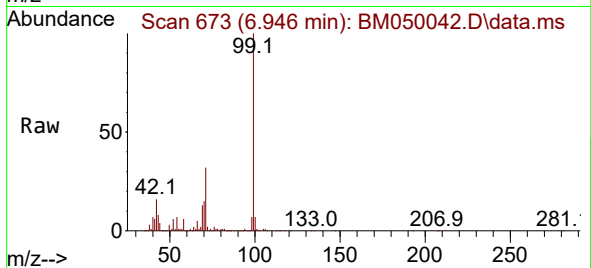




#7
Phenol-d6
Concen: 86.957 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050042.D
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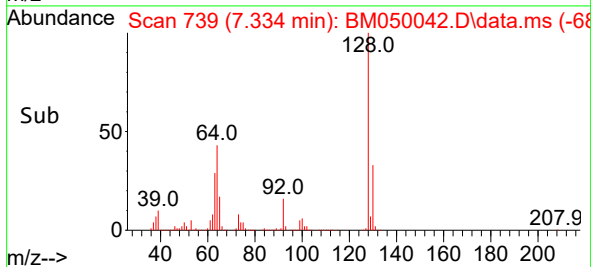
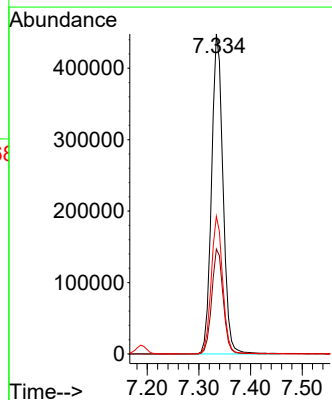
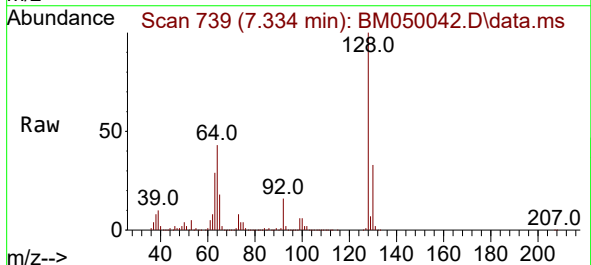
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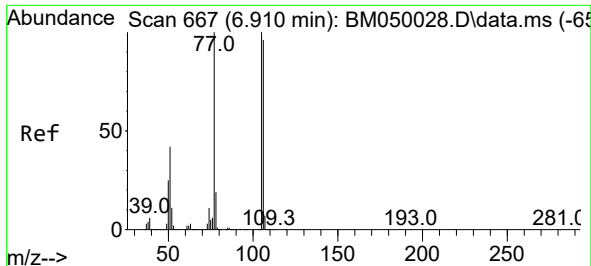
Tgt Ion: 99 Resp: 1658262
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 32.1 25.6 38.4



#8
2-Chlorophenol
Concen: 42.042 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 689698
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 43.1 21.2 61.2

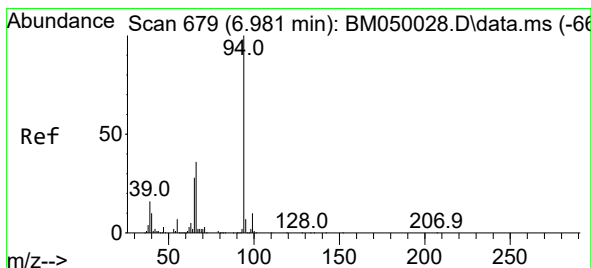
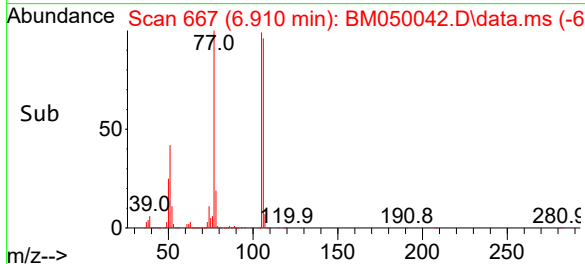
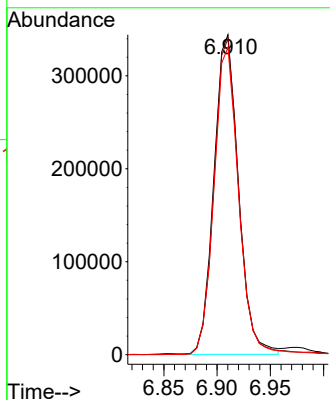
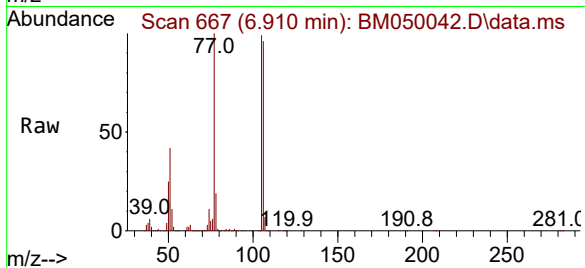




#9
Benzaldehyde
Concen: 43.158 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
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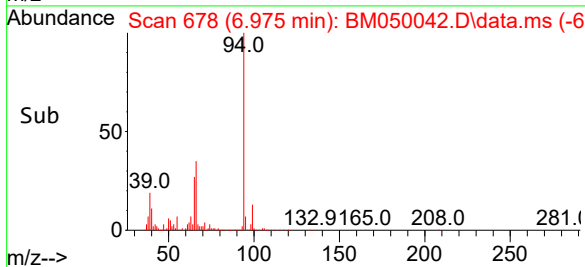
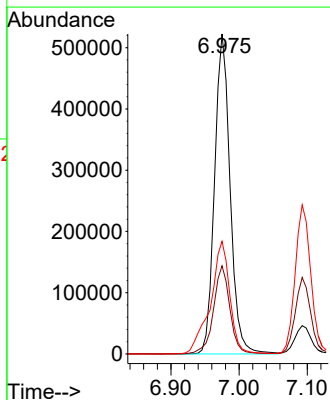
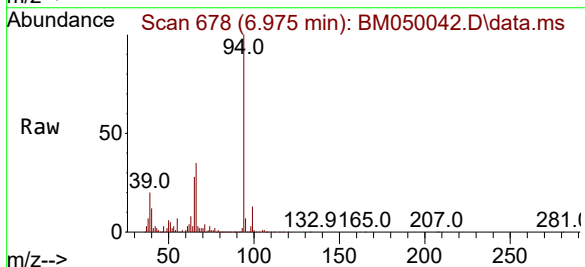
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

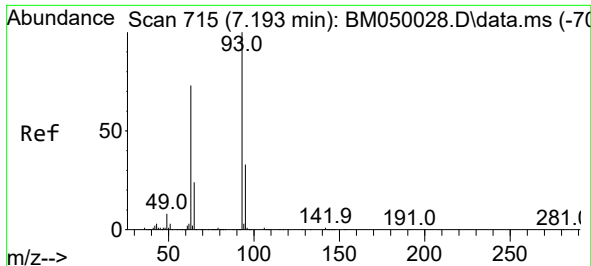
Tgt Ion: 77 Resp: 550768
Ion Ratio Lower Upper
77 100
105 98.8 80.5 120.5
106 96.0 76.1 116.1



#10
Phenol
Concen: 42.995 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion: 94 Resp: 830037
Ion Ratio Lower Upper
94 100
65 27.5 7.6 47.6
66 35.2 15.8 55.8

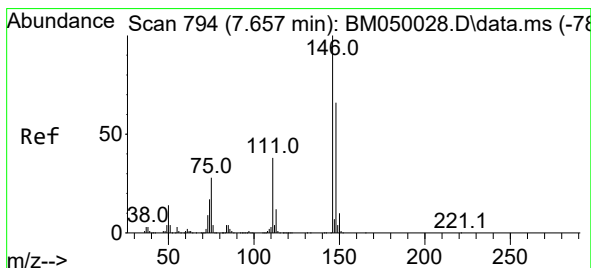
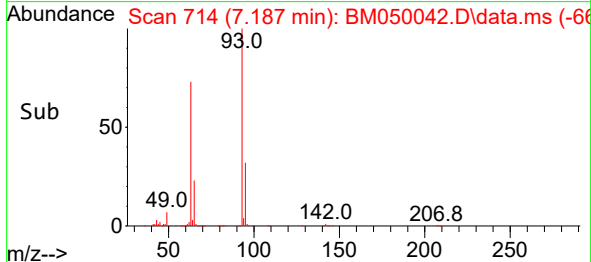
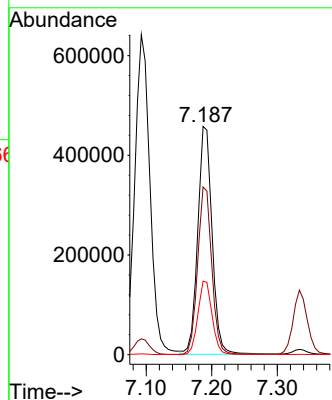
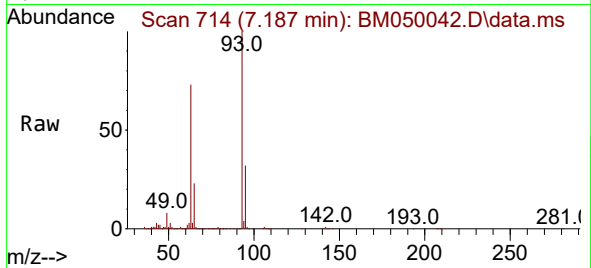




#11
bis(2-Chloroethyl)ether
Concen: 43.235 ng
RT: 7.187 min Scan# 715
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

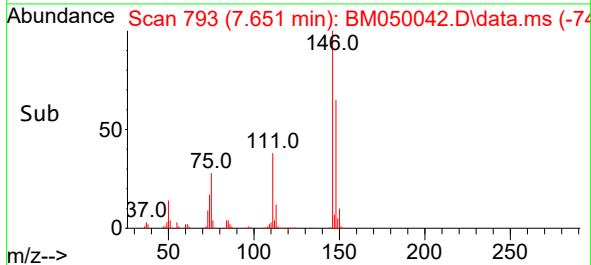
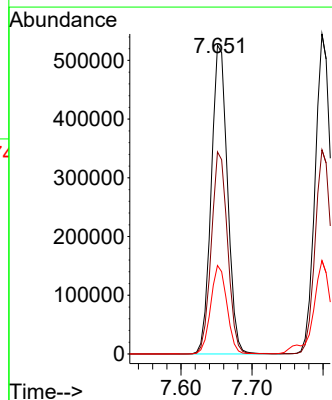
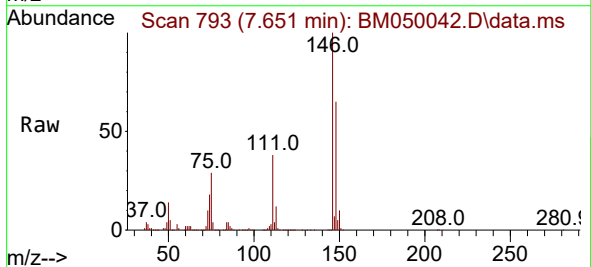
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

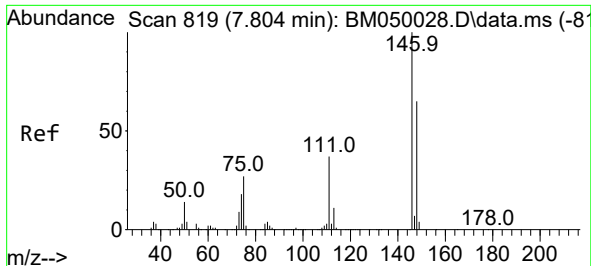
Tgt Ion: 93 Resp: 696957
Ion Ratio Lower Upper
93 100
63 73.4 52.3 92.3
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.122 ng
RT: 7.651 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:146 Resp: 834717
Ion Ratio Lower Upper
146 100
148 65.5 52.5 78.7
75 28.7 22.6 34.0

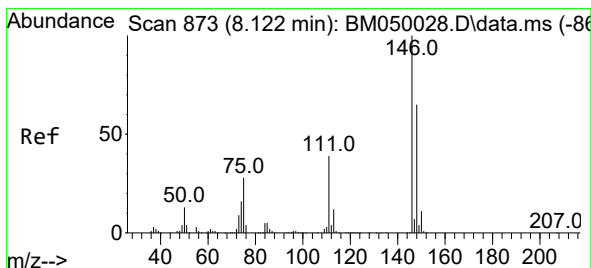
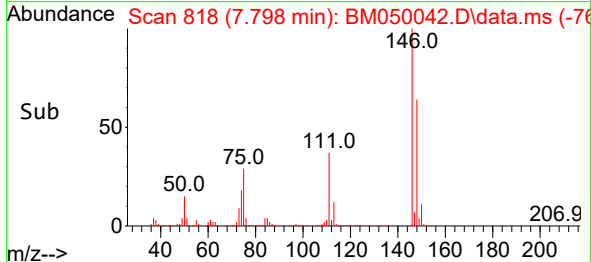
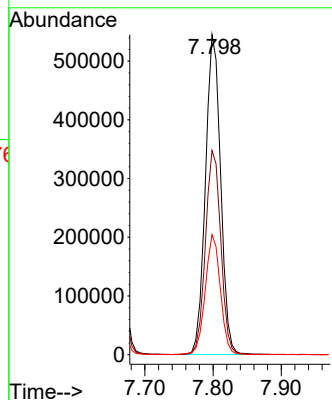
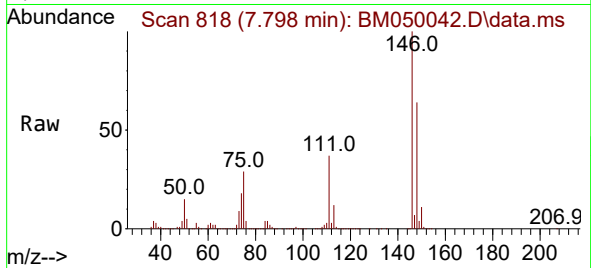




#13
1,4-Dichlorobenzene
Concen: 42.355 ng
RT: 7.798 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

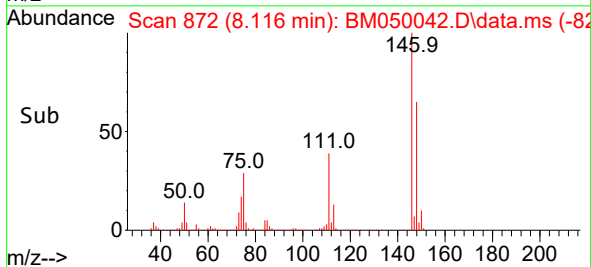
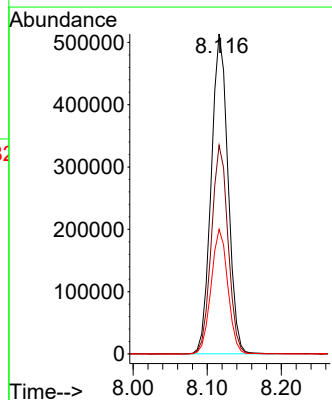
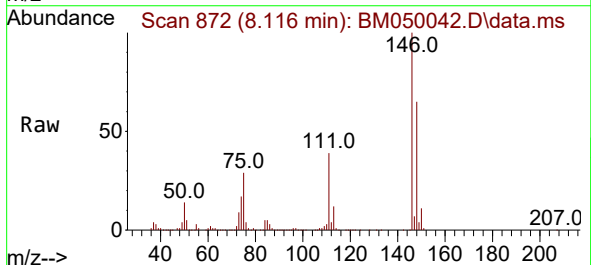
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

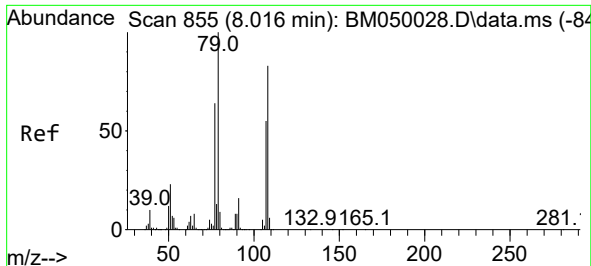
Tgt Ion:146 Resp: 843196
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.2
111 37.5 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 42.078 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:146 Resp: 809174
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
111 39.0 31.0 46.6

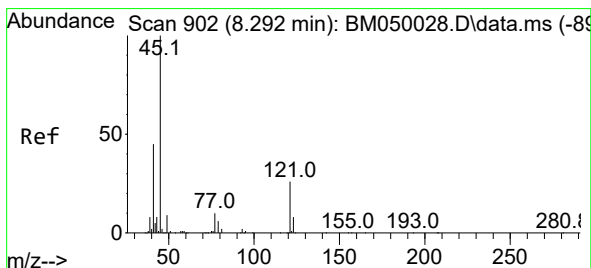
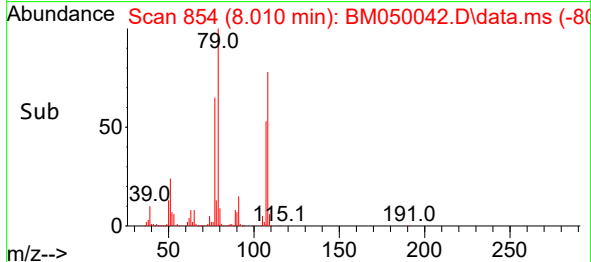
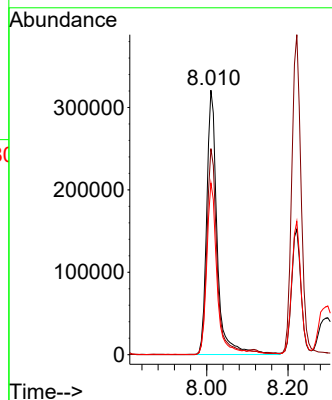
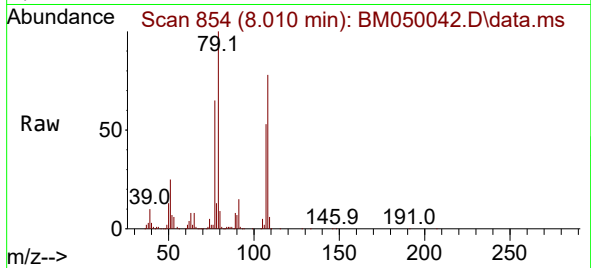




#15
Benzyl Alcohol
Concen: 43.183 ng
RT: 8.010 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

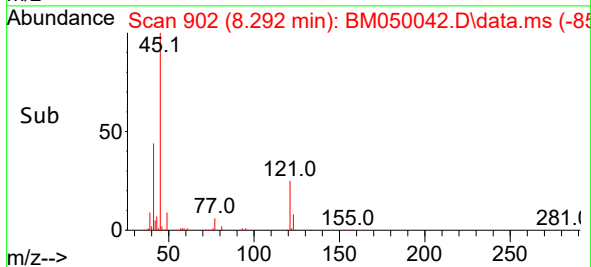
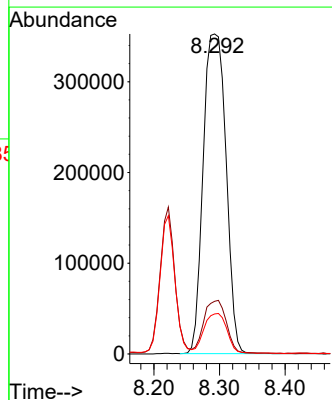
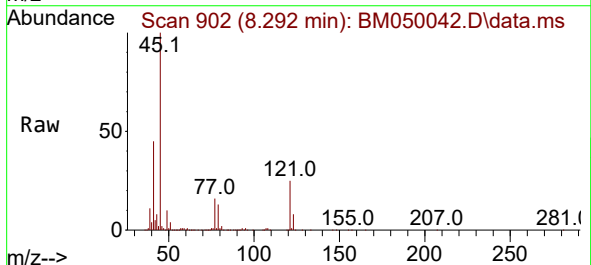
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

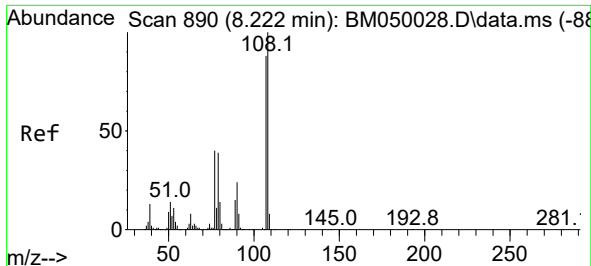
Tgt Ion: 79 Resp: 571084
Ion Ratio Lower Upper
79 100
108 77.9 66.0 99.0
77 65.0 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.523 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion: 45 Resp: 852852
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.4
79 12.5 0.0 32.7

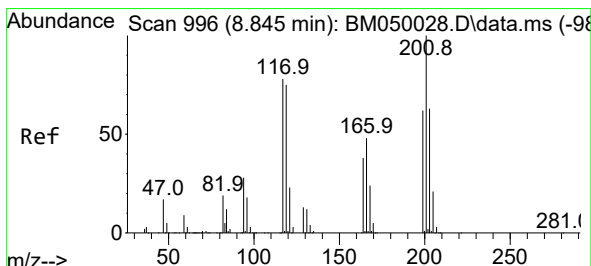
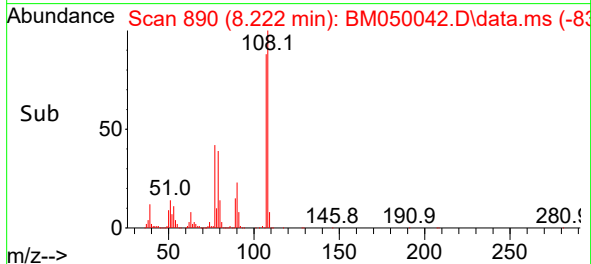
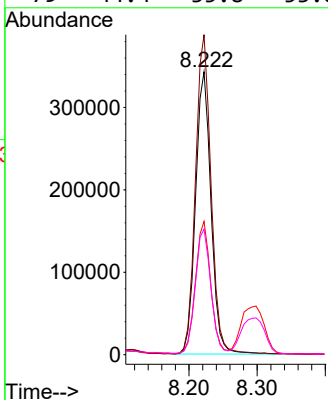
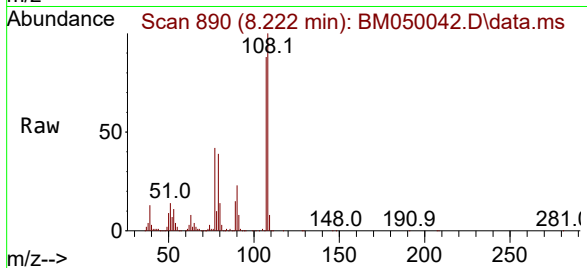




#17
2-Methylphenol
Concen: 42.537 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

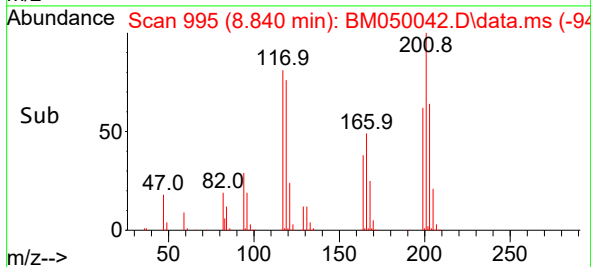
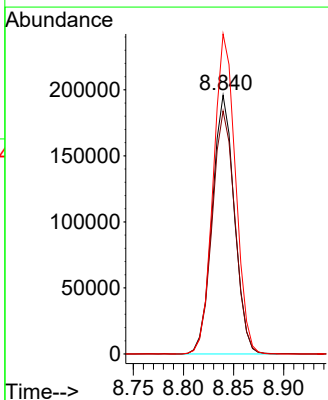
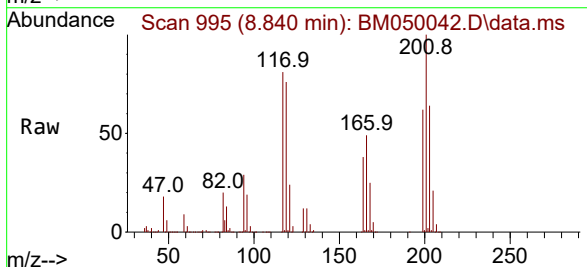
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

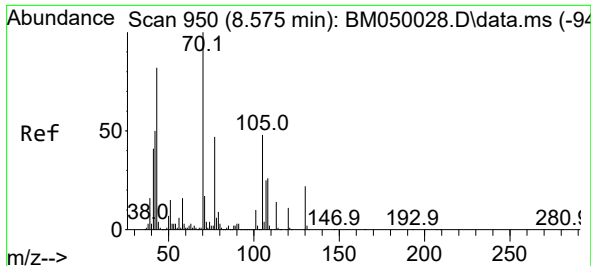
Tgt Ion:	107	Resp:	540978
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.1	136.7
77	47.1	36.2	54.4
79	44.4	35.8	53.8



#18
Hexachloroethane
Concen: 42.405 ng
RT: 8.840 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:	117	Resp:	300098
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.3	115.9
201	123.7	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.212 ng

RT: 8.575 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 528511

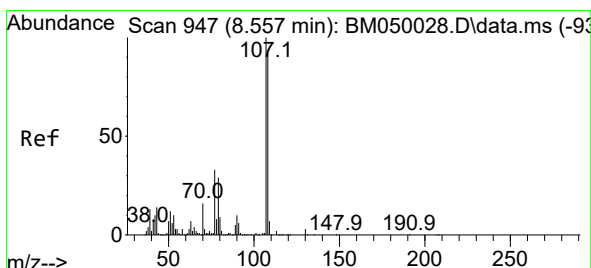
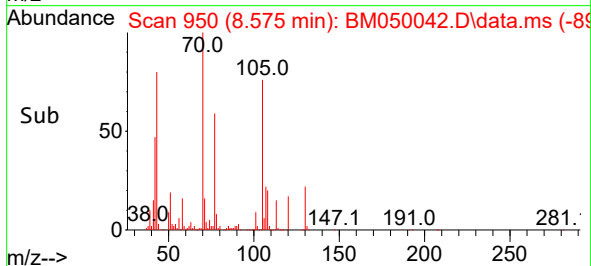
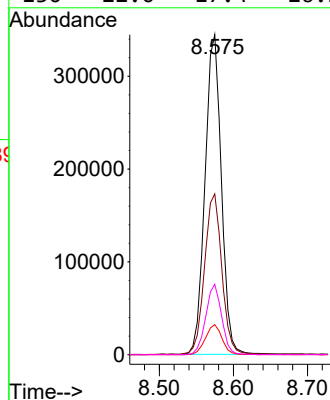
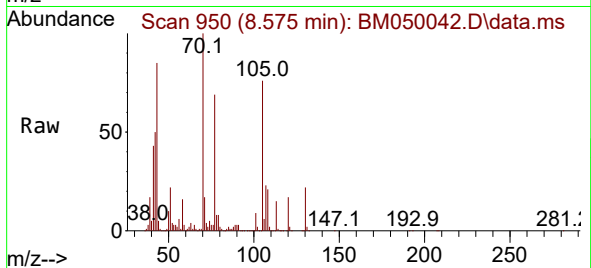
Ion Ratio Lower Upper

70 100

42 50.3 40.5 60.7

101 9.4 7.8 11.6

130 22.0 17.4 26.2



#20

3+4-Methylphenols

Concen: 42.329 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Tgt Ion: 107 Resp: 726988

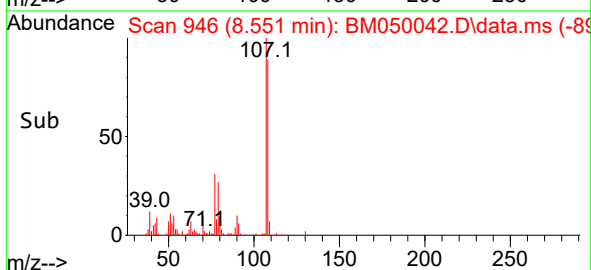
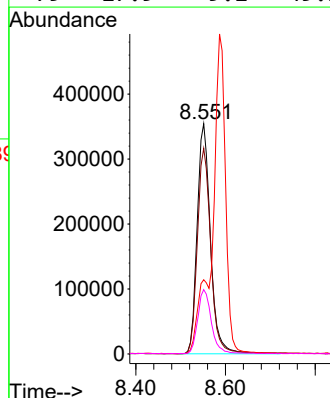
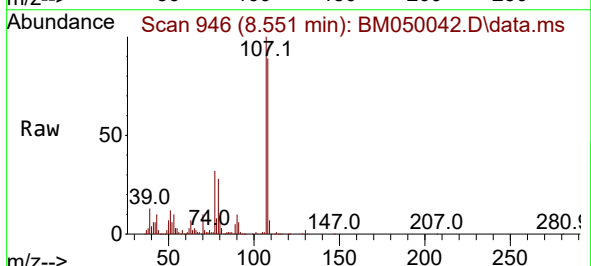
Ion Ratio Lower Upper

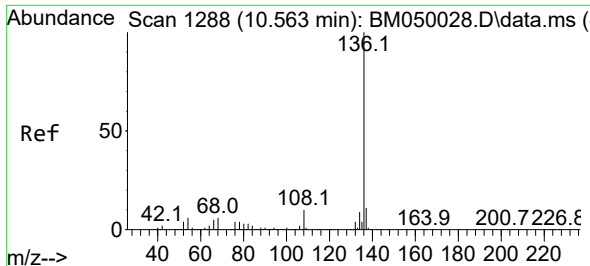
107 100

108 89.3 72.4 112.4

77 32.2 13.6 53.6

79 27.9 9.2 49.2

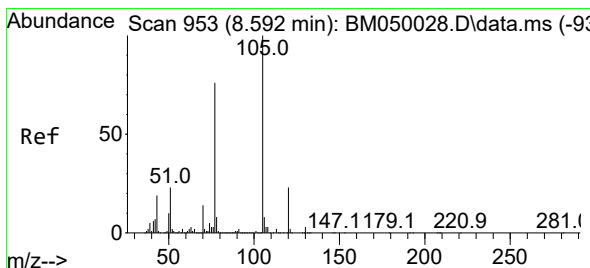
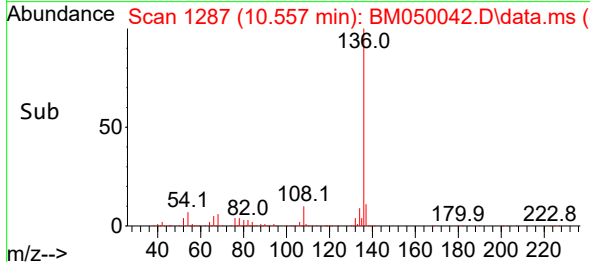
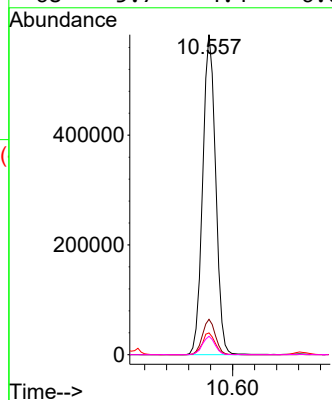
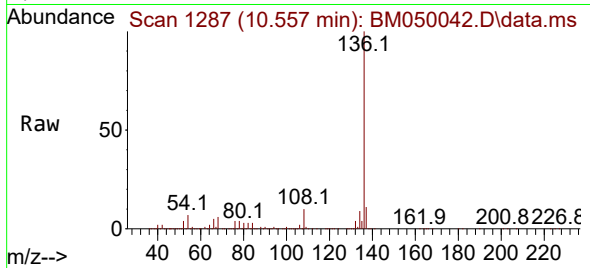




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

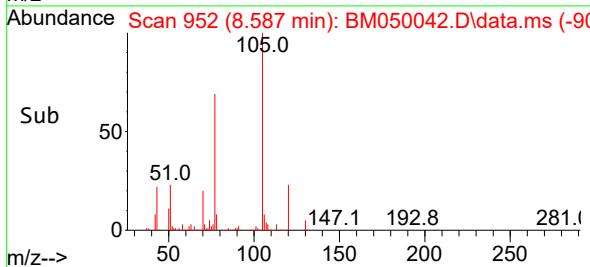
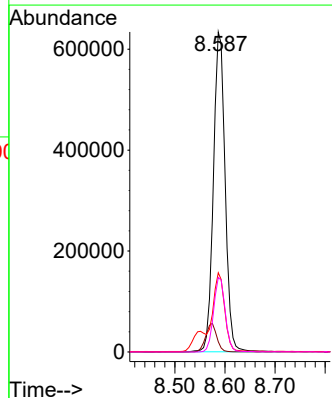
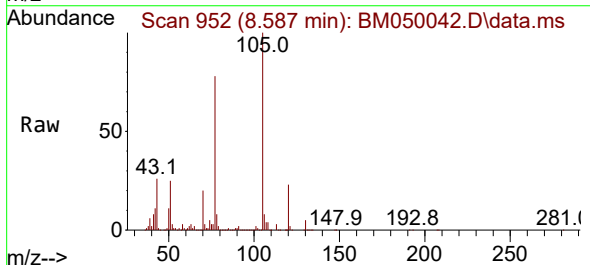
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

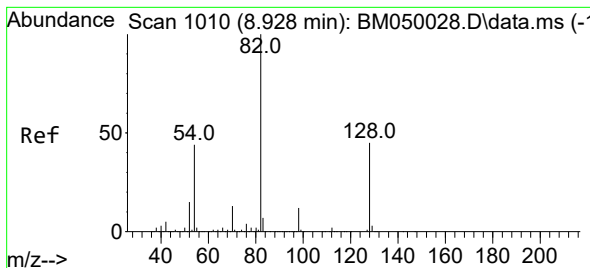
Tgt Ion:	136	Resp:	955212
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	5.1	7.7
68	5.7	4.4	6.6



#22
Acetophenone
Concen: 43.385 ng
RT: 8.587 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:	105	Resp:	1030325
Ion	Ratio	Lower	Upper
105	100		
71	3.2	1.7	2.5
51	24.8	18.6	27.8
120	23.3	18.3	27.5

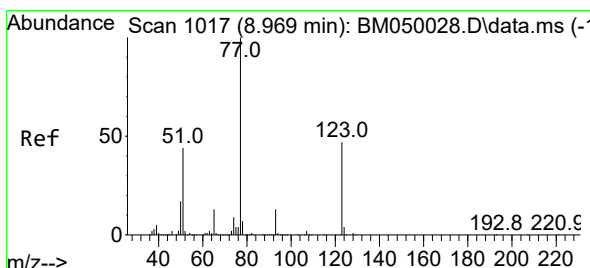
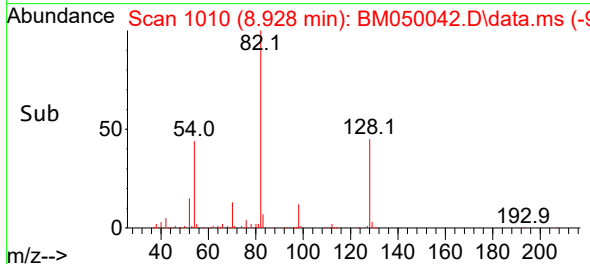
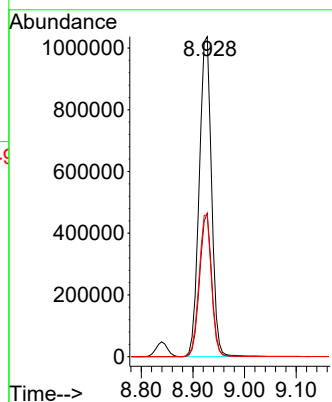
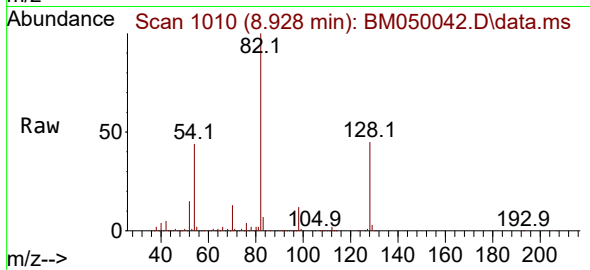




#23
Nitrobenzene-d5
Concen: 88.324 ng
RT: 8.928 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

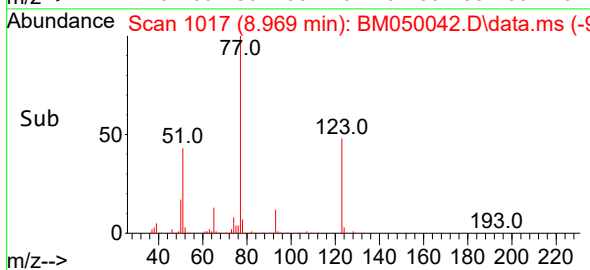
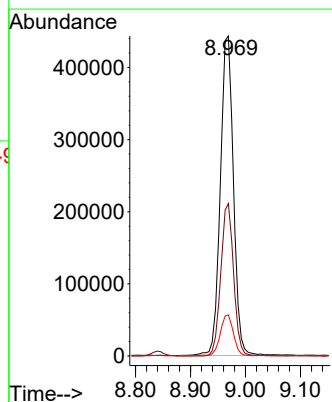
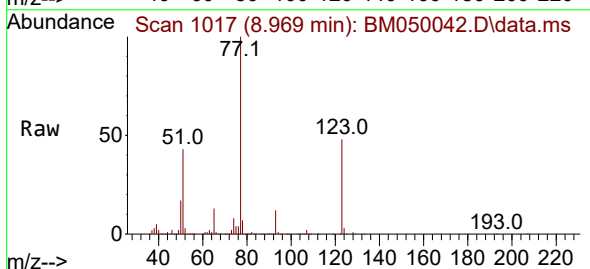
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

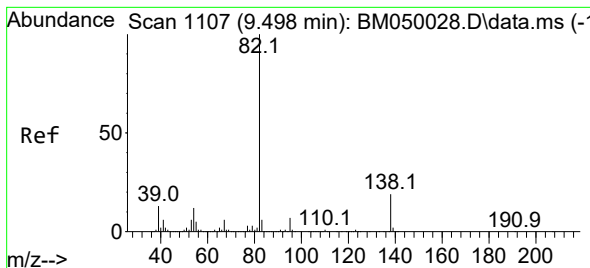
Tgt Ion: 82 Resp: 1712149
Ion Ratio Lower Upper
82 100
128 44.8 35.7 53.5
54 44.4 35.4 53.2



#24
Nitrobenzene
Concen: 43.853 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion: 77 Resp: 735027
Ion Ratio Lower Upper
77 100
123 47.6 37.9 56.9
65 12.8 10.1 15.1





#25

Isophorone

Concen: 42.094 ng

RT: 9.492 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

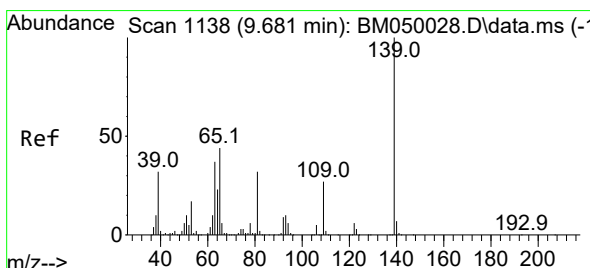
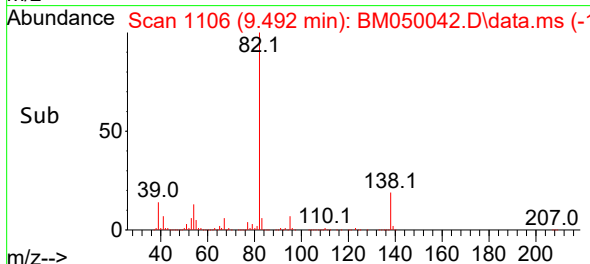
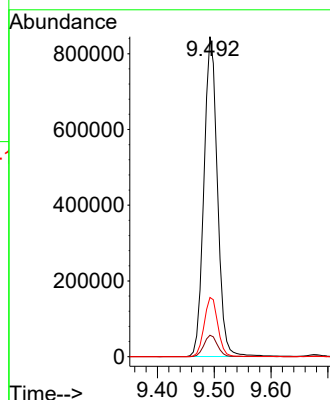
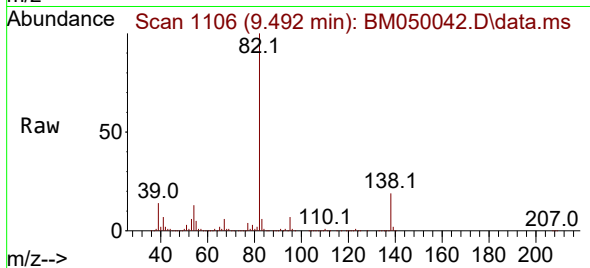
Tgt Ion: 82 Resp: 1390935

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

138 18.5 15.5 23.3



#26

2-Nitrophenol

Concen: 43.468 ng

RT: 9.675 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

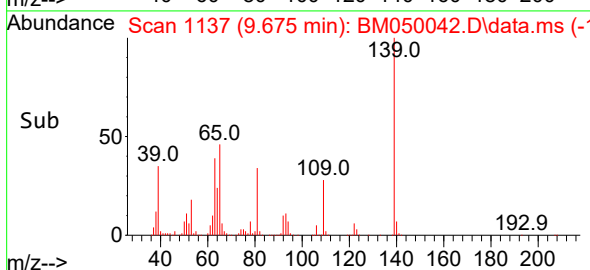
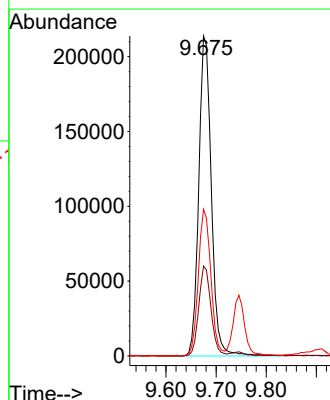
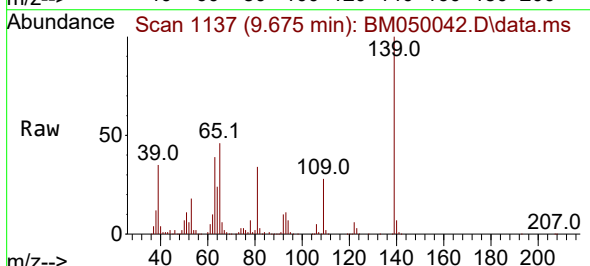
Tgt Ion: 139 Resp: 372213

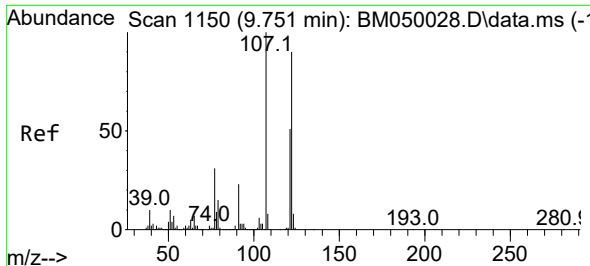
Ion Ratio Lower Upper

139 100

109 28.1 21.9 32.9

65 45.8 35.4 53.2

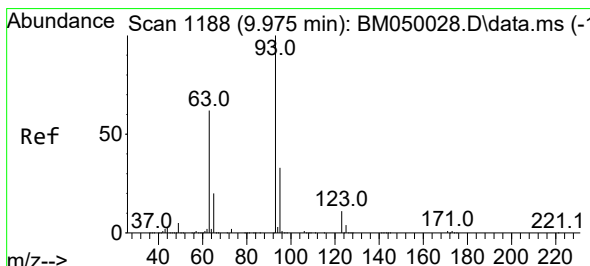
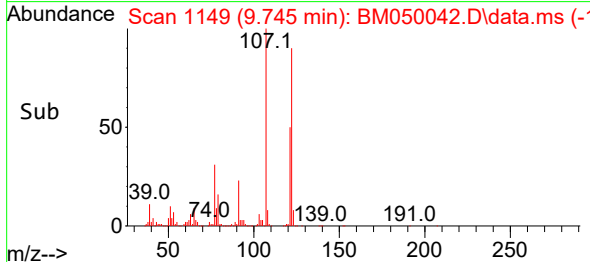
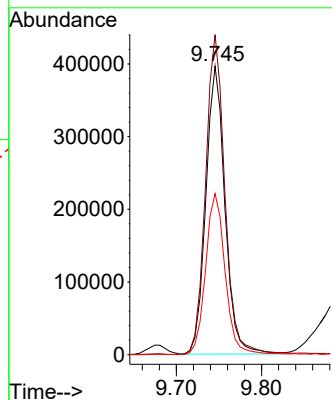
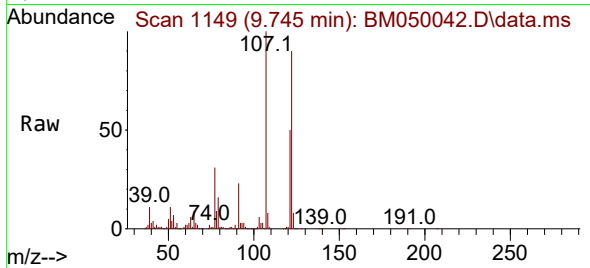




#27
2,4-Dimethylphenol
Concen: 43.412 ng
RT: 9.745 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

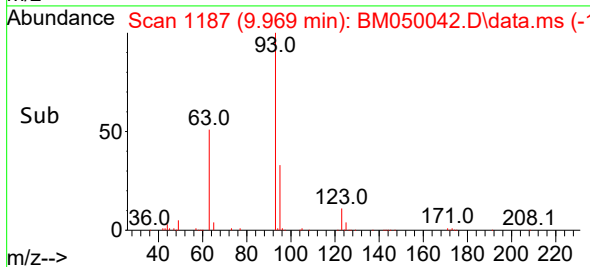
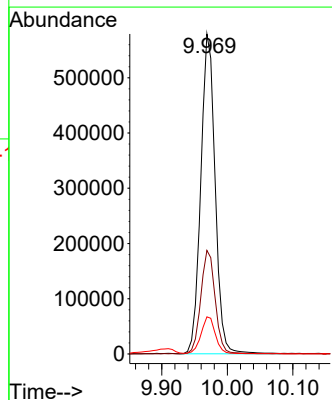
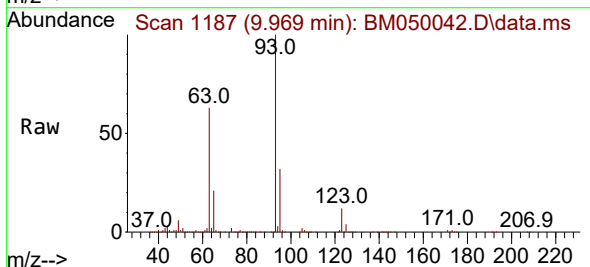
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

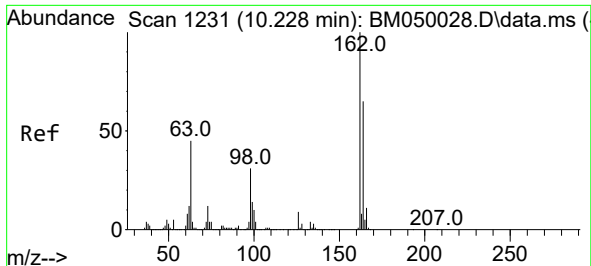
Tgt Ion:122 Resp: 616468
Ion Ratio Lower Upper
122 100
107 110.9 89.0 133.6
121 55.8 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.275 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion: 93 Resp: 883818
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.026 ng

RT: 10.222 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

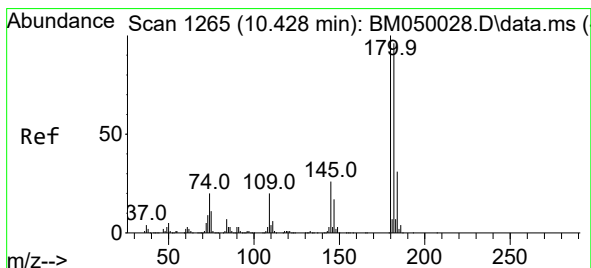
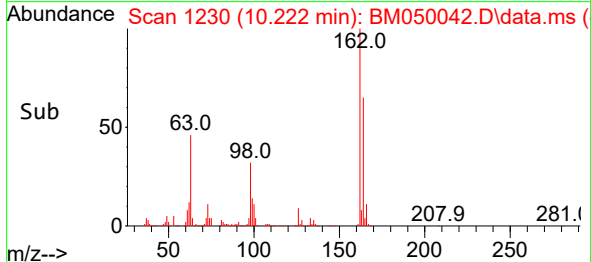
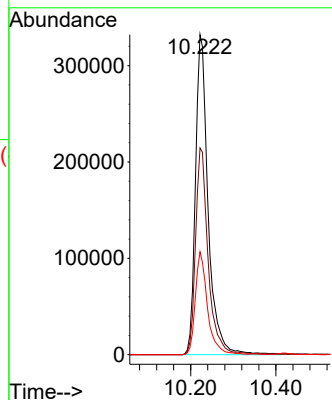
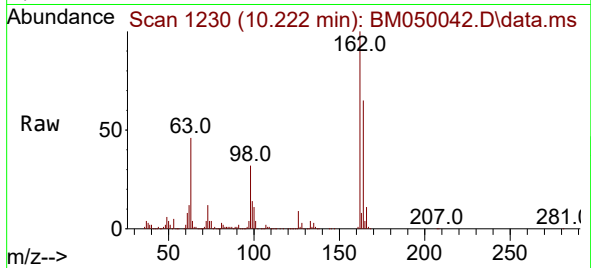
Tgt Ion:162 Resp: 684476

Ion Ratio Lower Upper

162 100

164 64.6 45.4 85.4

98 32.2 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 42.762 ng

RT: 10.422 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

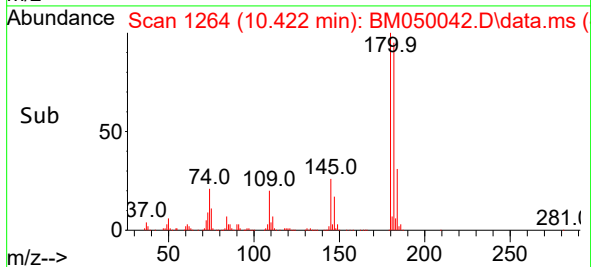
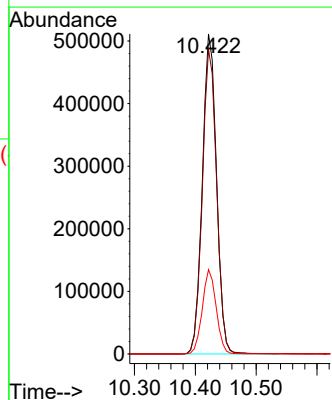
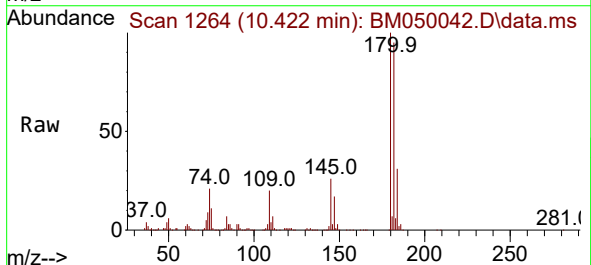
Tgt Ion:180 Resp: 828831

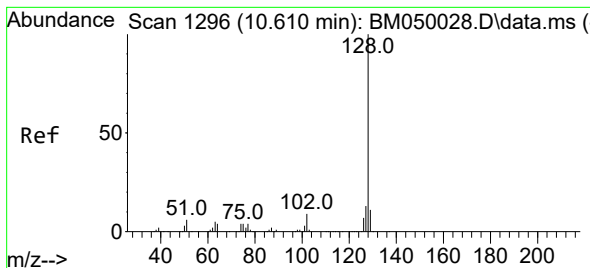
Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.4

145 26.3 20.6 30.8

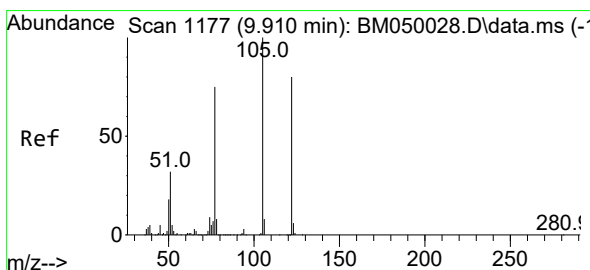
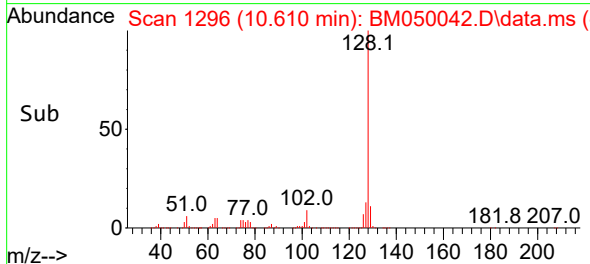
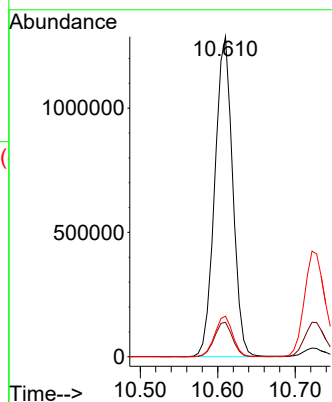
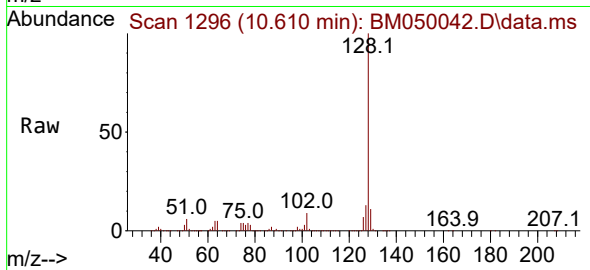




#31
Naphthalene
Concen: 42.621 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

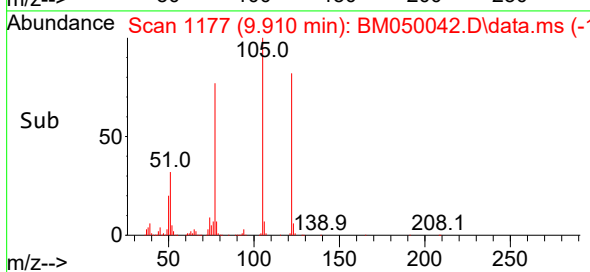
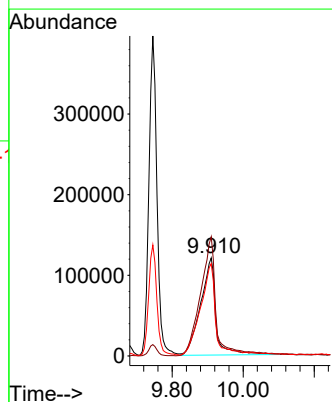
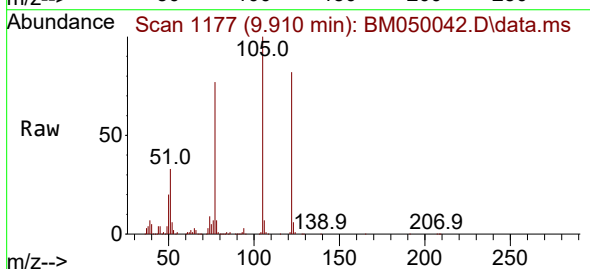
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

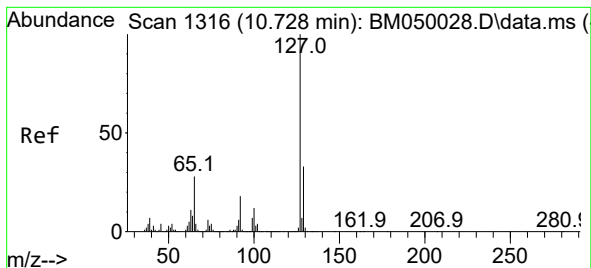
Tgt Ion:128 Resp: 2061795
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 40.124 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:122 Resp: 364411
Ion Ratio Lower Upper
122 100
105 121.7 103.6 143.6
77 94.2 73.7 113.7

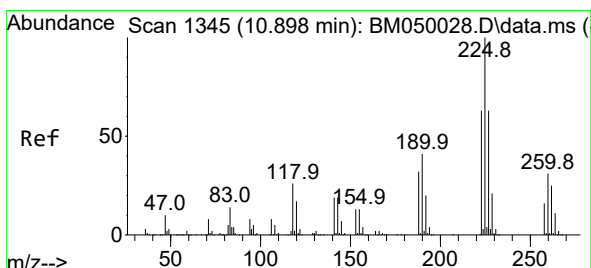
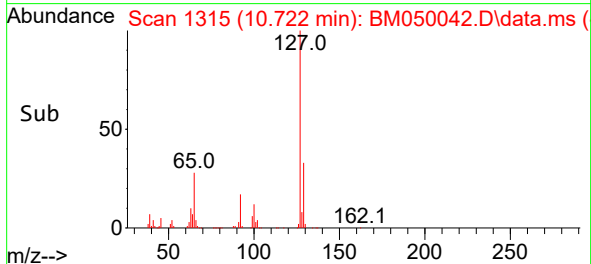
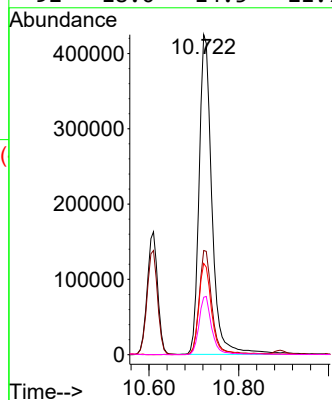
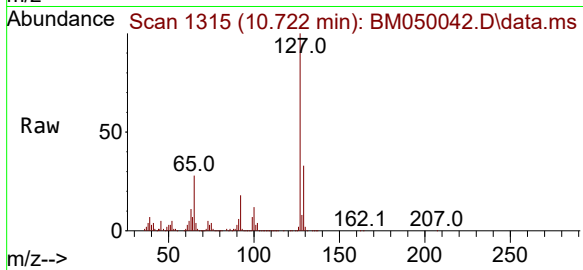




#33
4-Chloroaniline
Concen: 42.486 ng
RT: 10.722 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

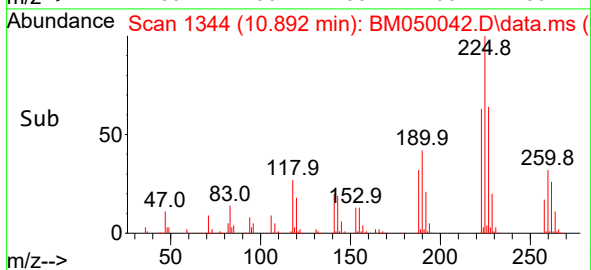
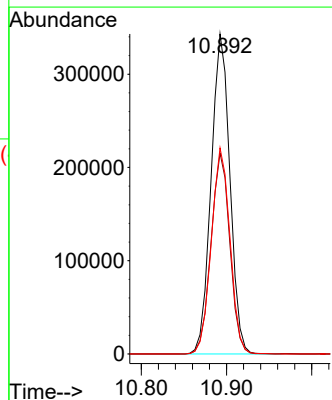
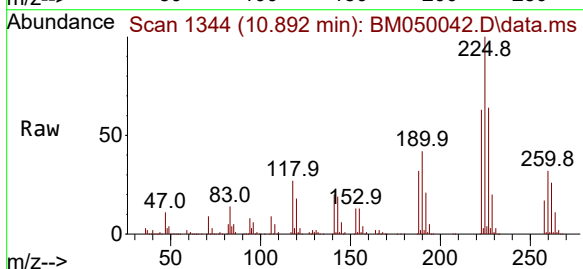
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

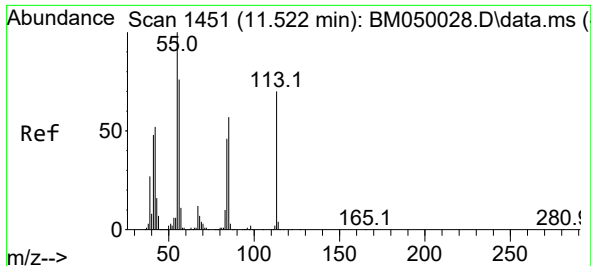
Tgt Ion:	127	Resp:	842409
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	28.5	22.5	33.7
92	18.0	14.5	21.7



#34
Hexachlorobutadiene
Concen: 42.651 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:	225	Resp:	524746
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	64.4	50.6	76.0

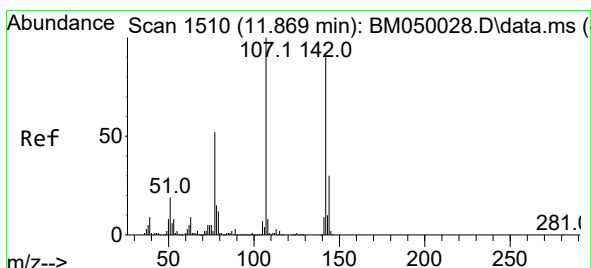
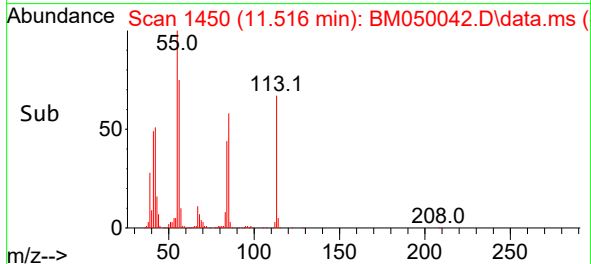
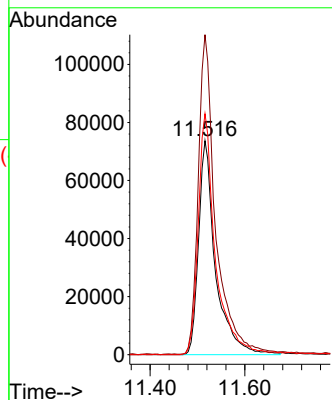
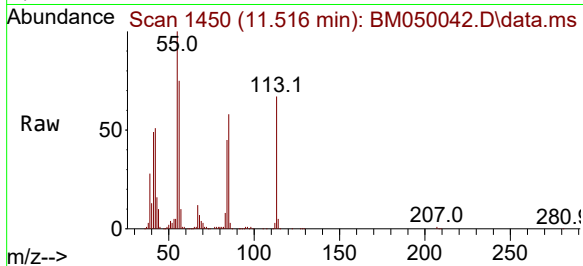




#35
 Caprolactam
 Concen: 39.543 ng
 RT: 11.516 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BM050042.D
 Acq: 30 Apr 2025 10:53

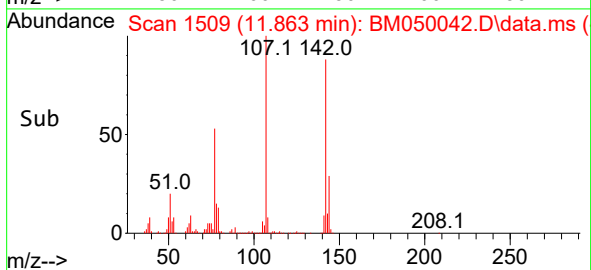
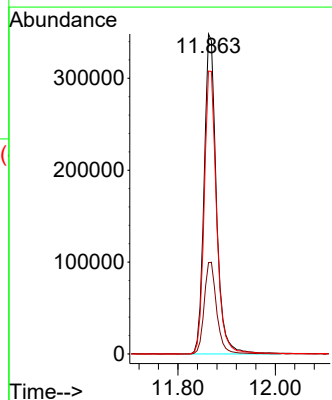
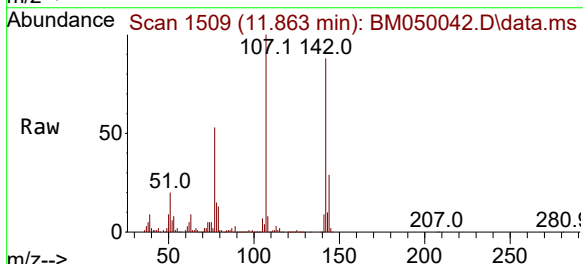
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

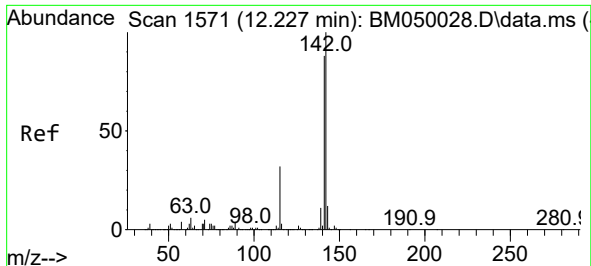
Tgt Ion:113 Resp: 183423
 Ion Ratio Lower Upper
 113 100
 55 149.5 122.9 162.9
 56 112.6 88.1 128.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.443 ng
 RT: 11.863 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: BM050042.D
 Acq: 30 Apr 2025 10:53

Tgt Ion:107 Resp: 609124
 Ion Ratio Lower Upper
 107 100
 144 28.6 23.8 35.6
 142 88.4 71.9 107.9





#37

2-Methylnaphthalene

Concen: 42.175 ng

RT: 12.222 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

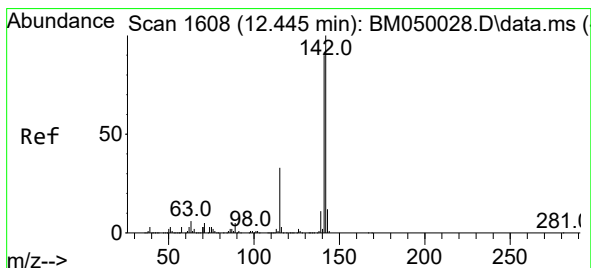
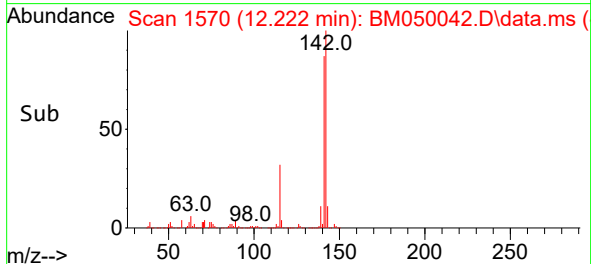
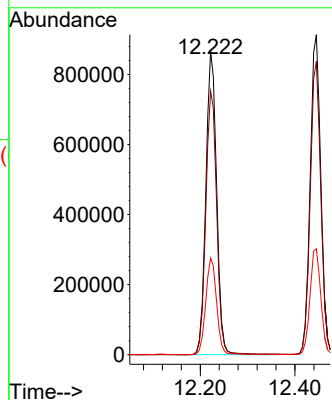
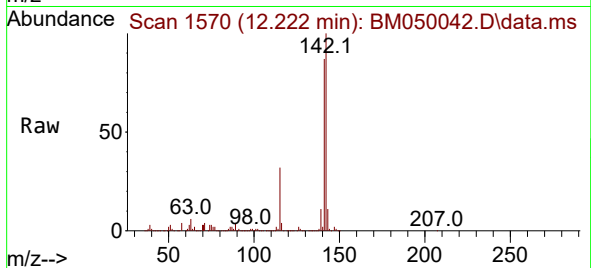
Tgt Ion:142 Resp: 1367845

Ion Ratio Lower Upper

142 100

141 86.8 70.4 105.6

115 31.8 25.4 38.2



#38

1-Methylnaphthalene

Concen: 41.470 ng

RT: 12.445 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

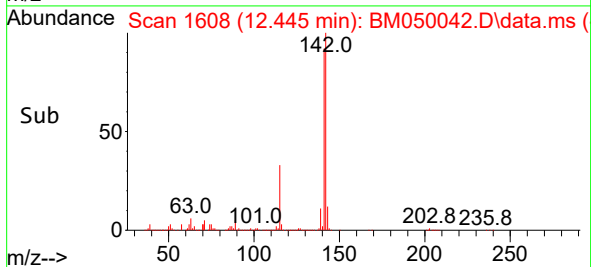
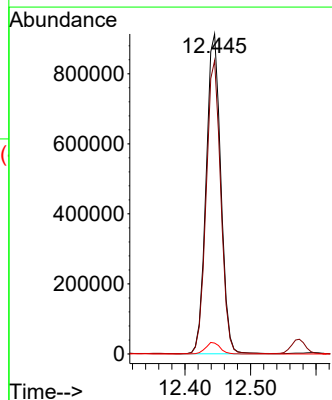
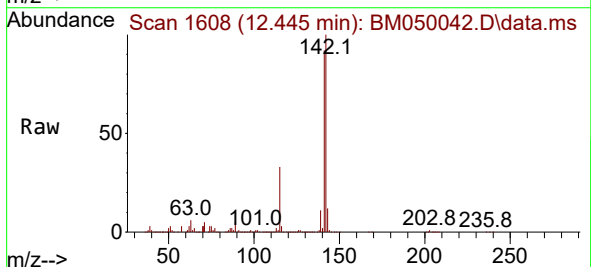
Tgt Ion:142 Resp: 1423348

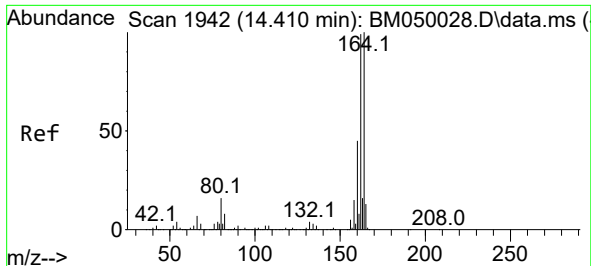
Ion Ratio Lower Upper

142 100

141 91.6 72.1 108.1

116 3.4 2.7 4.1

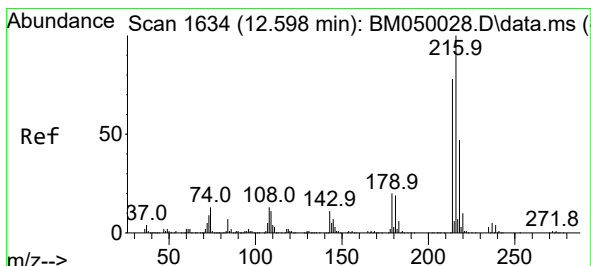
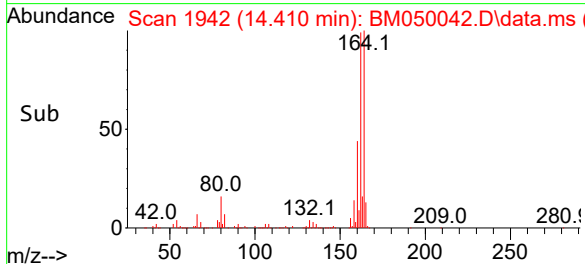
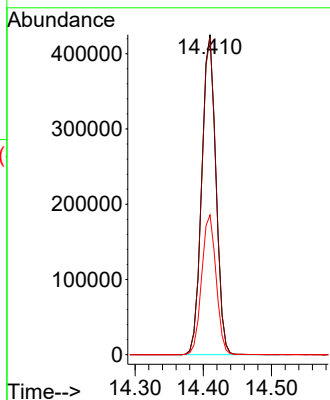
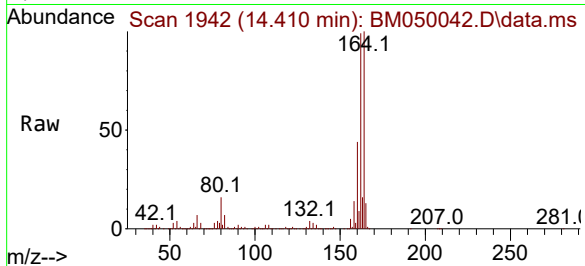




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

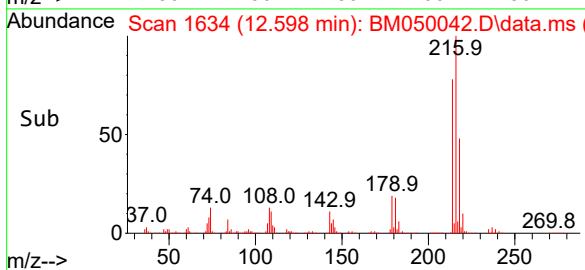
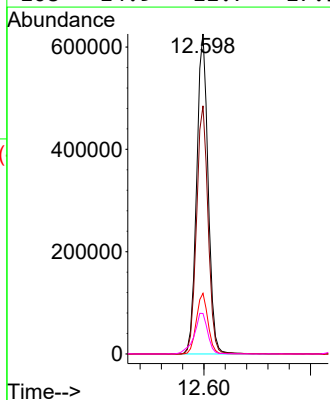
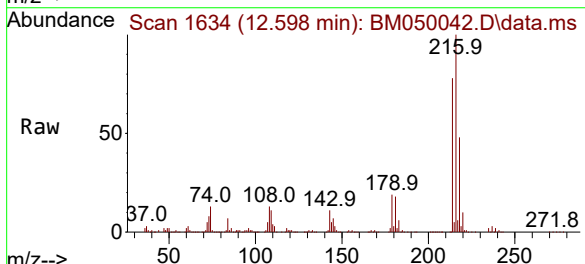
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

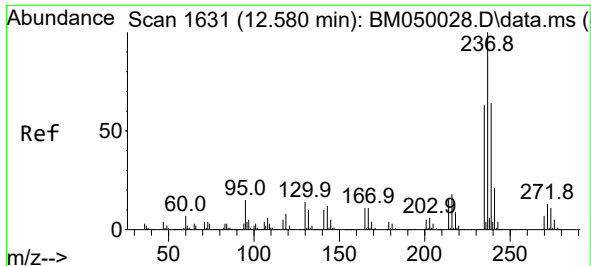
Tgt Ion:164 Resp: 612937
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 43.6 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.143 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:216 Resp: 936632
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 19.1 15.4 23.0
108 14.9 11.7 17.5

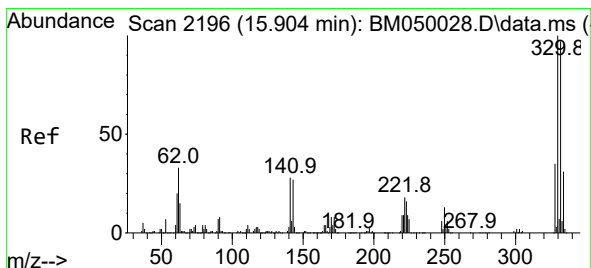
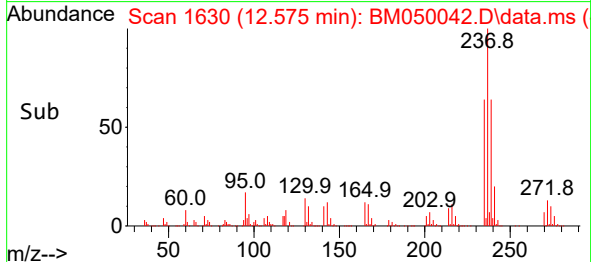
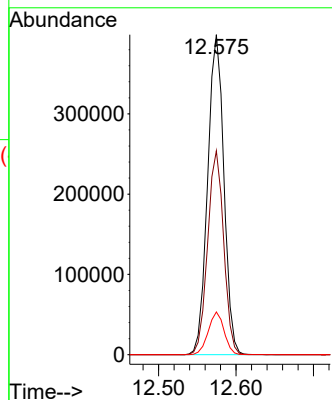
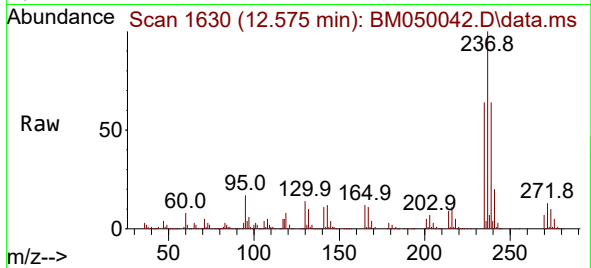




#41
Hexachlorocyclopentadiene
Concen: 44.677 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

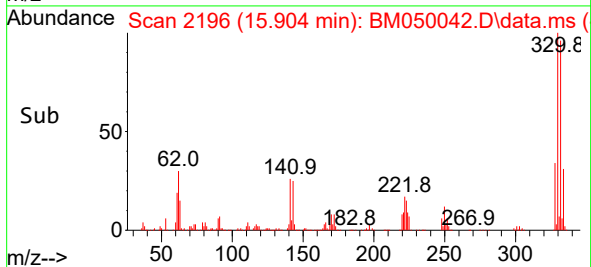
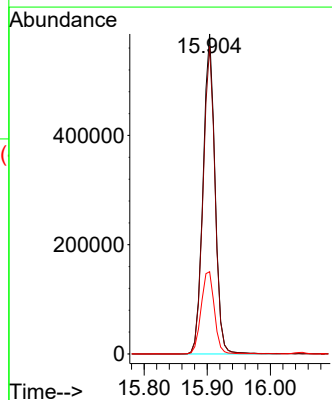
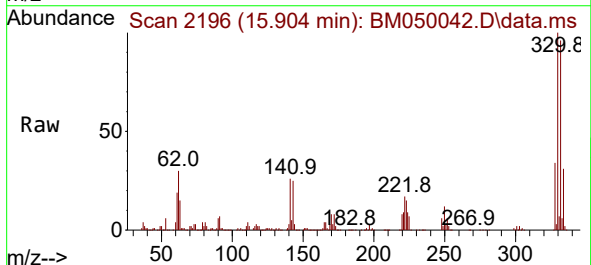
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

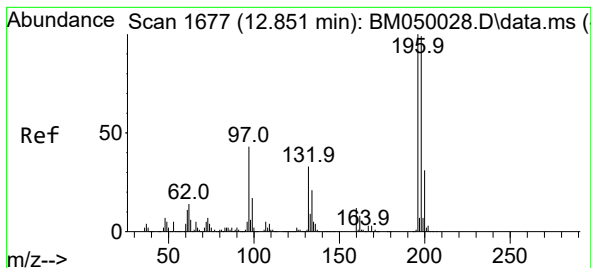
Tgt Ion:237 Resp: 579325
Ion Ratio Lower Upper
237 100
235 63.7 42.9 82.9
272 13.4 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 84.705 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:330 Resp: 767689
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 28.7 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 43.603 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

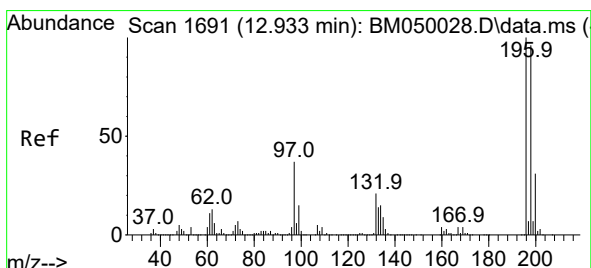
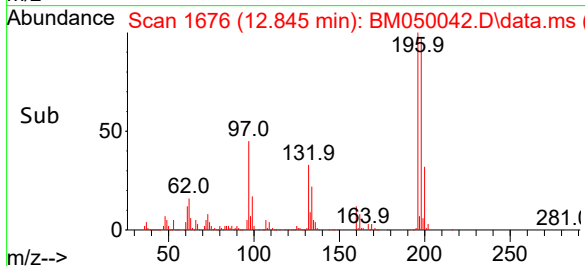
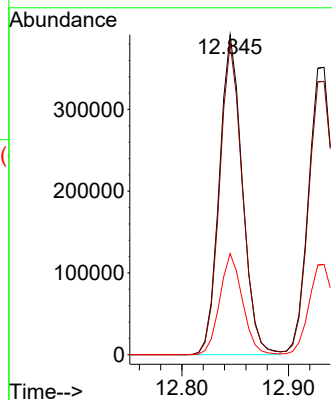
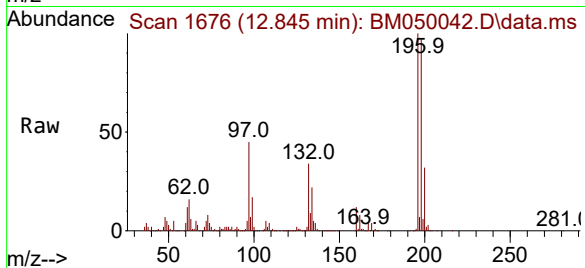
Tgt Ion:196 Resp: 586802

Ion Ratio Lower Upper

196 100

198 97.3 79.0 118.6

200 31.6 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 43.411 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Tgt Ion:196 Resp: 630001

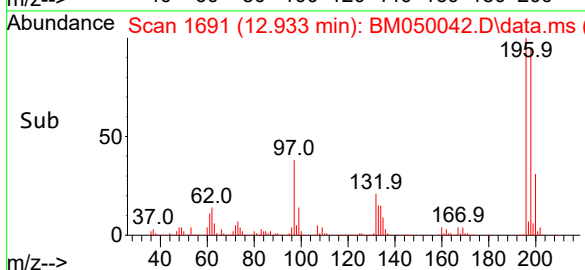
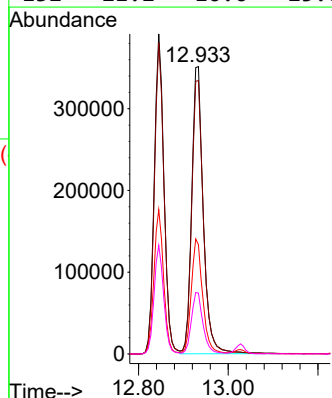
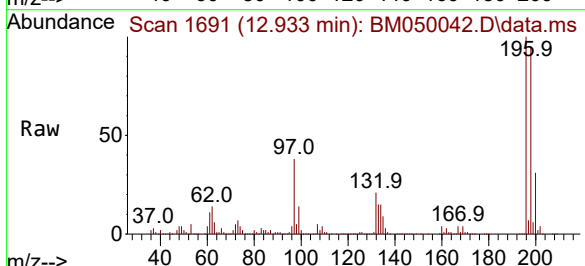
Ion Ratio Lower Upper

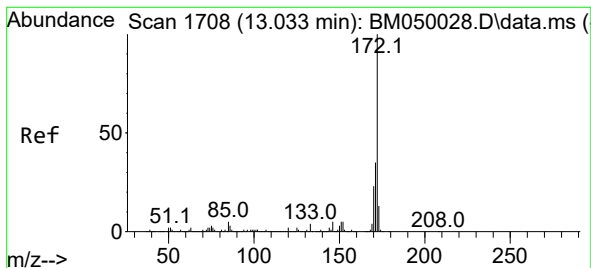
196 100

198 95.1 76.7 115.1

97 38.1 30.1 45.1

132 21.2 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 89.333 ng

RT: 13.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

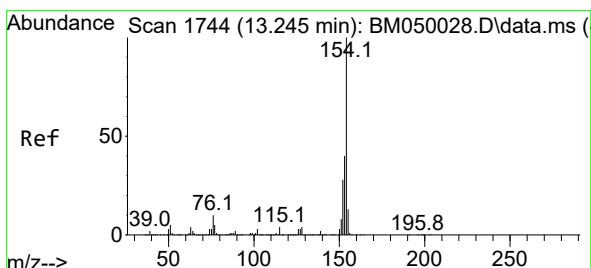
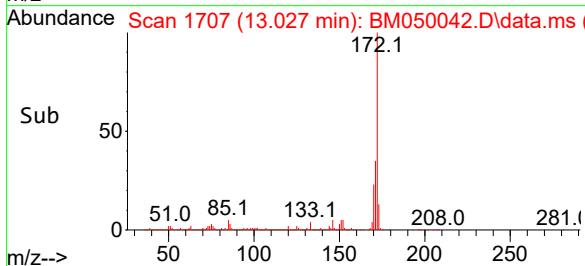
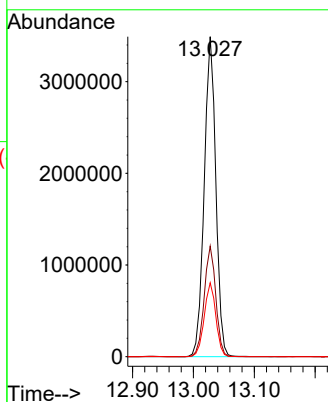
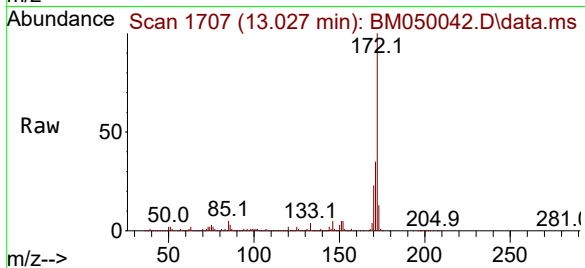
Tgt Ion:172 Resp: 4628613

Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.6

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.891 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

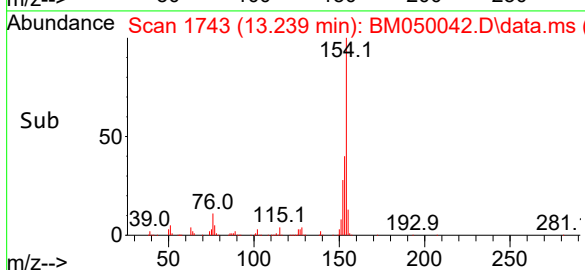
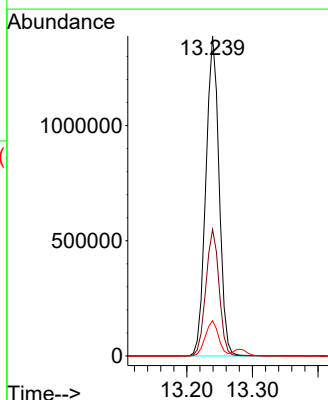
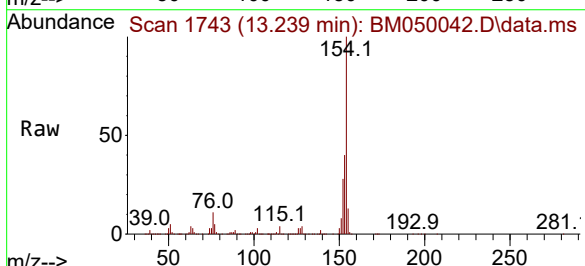
Tgt Ion:154 Resp: 1954241

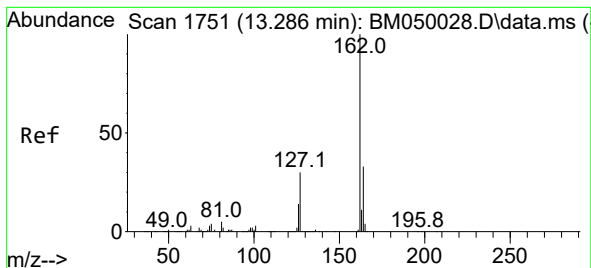
Ion Ratio Lower Upper

154 100

153 39.5 20.0 60.0

76 11.0 0.0 30.3





#47

2-Chloronaphthalene

Concen: 43.106 ng

RT: 13.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

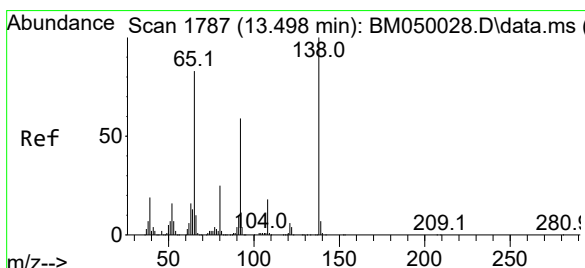
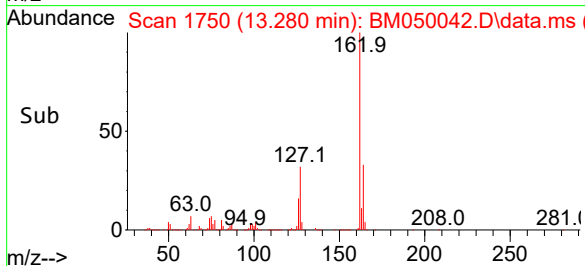
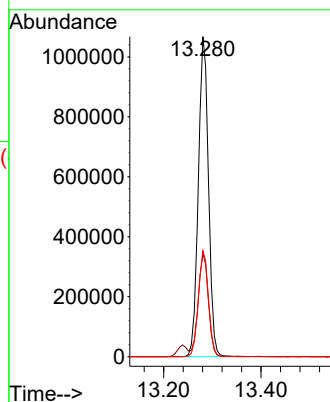
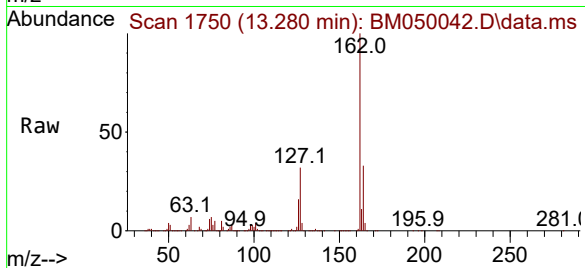
Tgt Ion:162 Resp: 1555505

Ion Ratio Lower Upper

162 100

127 32.1 25.9 38.9

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 43.156 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

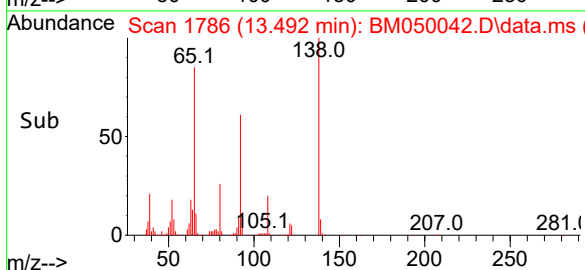
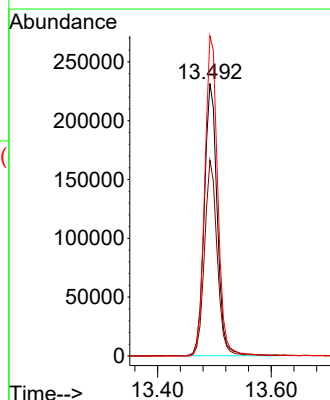
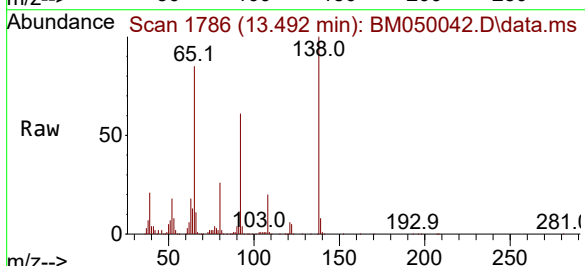
Tgt Ion: 65 Resp: 365502

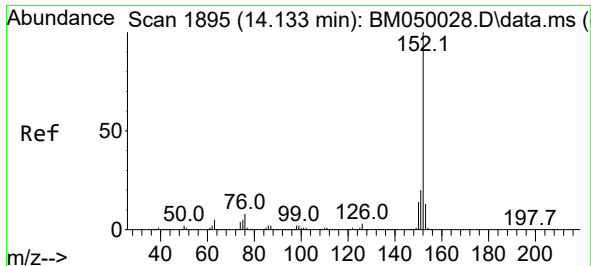
Ion Ratio Lower Upper

65 100

92 71.8 57.1 85.7

138 117.5 97.0 145.4

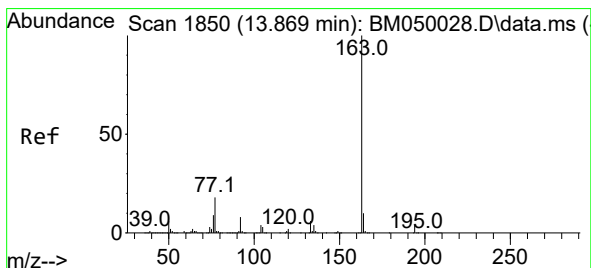
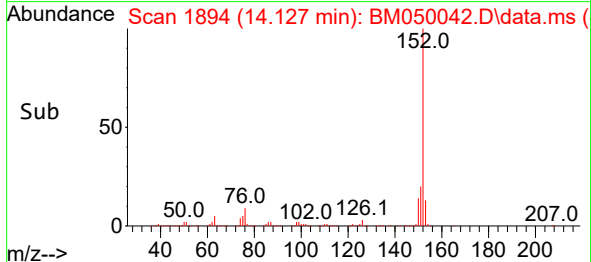
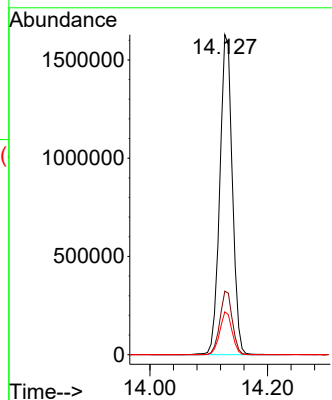
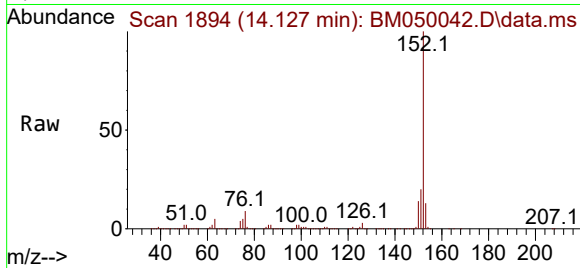




#49
Acenaphthylene
Concen: 42.382 ng
RT: 14.127 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

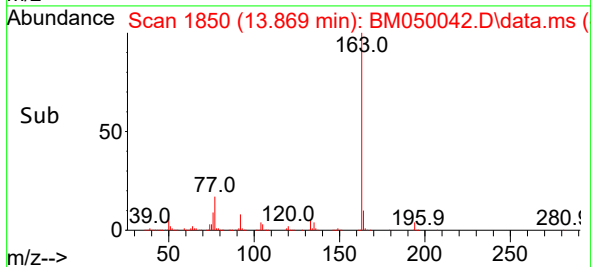
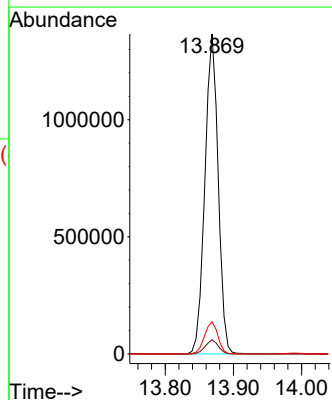
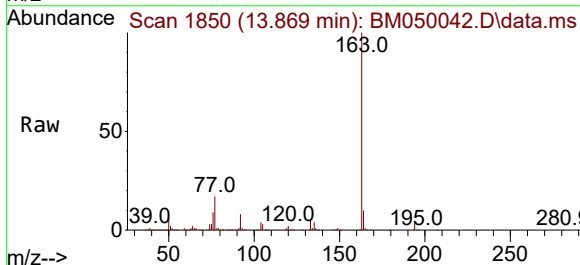
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

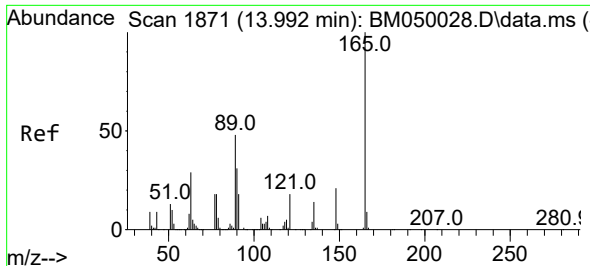
Tgt Ion:152 Resp: 2411362
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 41.296 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:163 Resp: 1849837
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.0 8.2 12.2

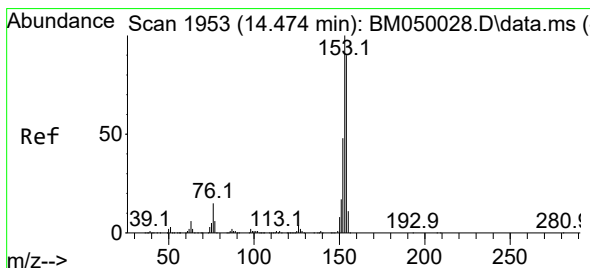
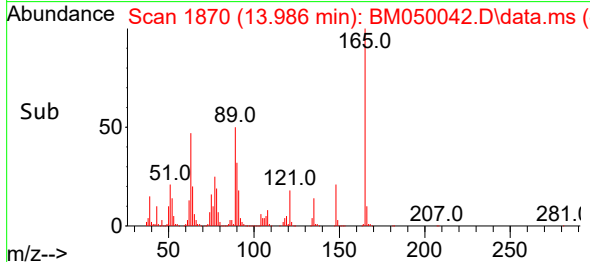
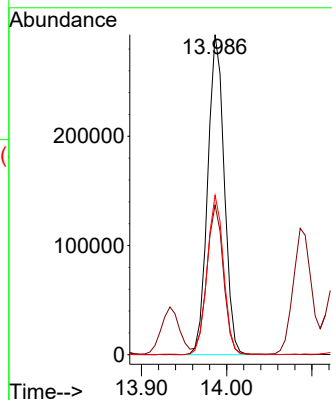
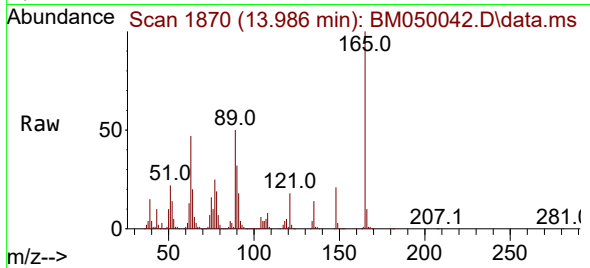




#51
2,6-Dinitrotoluene
Concen: 42.538 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

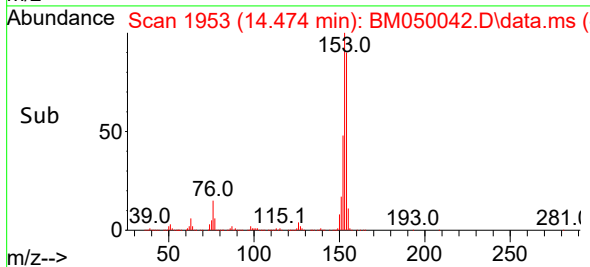
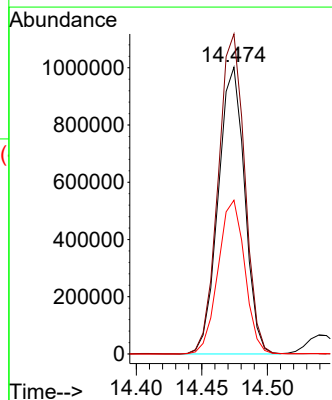
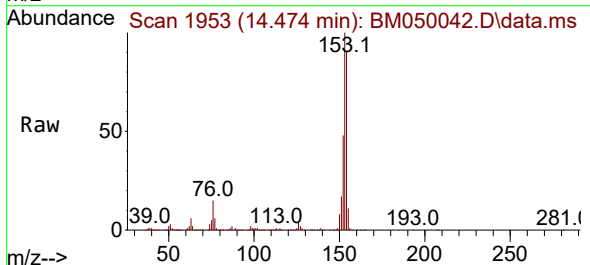
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

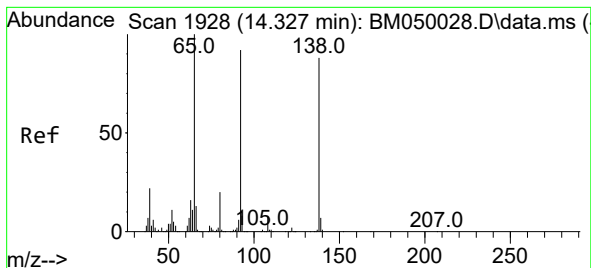
Tgt Ion:165 Resp: 394518
Ion Ratio Lower Upper
165 100
63 46.8 35.1 52.7
89 49.8 38.4 57.6



#52
Acenaphthene
Concen: 42.607 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:154 Resp: 1403184
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.4
152 53.7 43.0 64.6

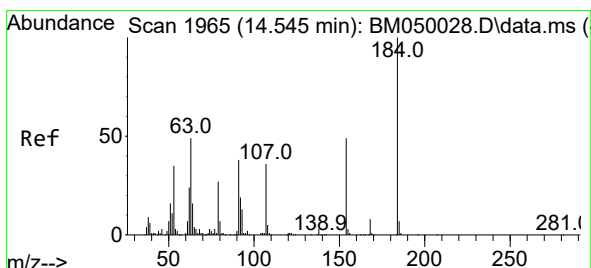
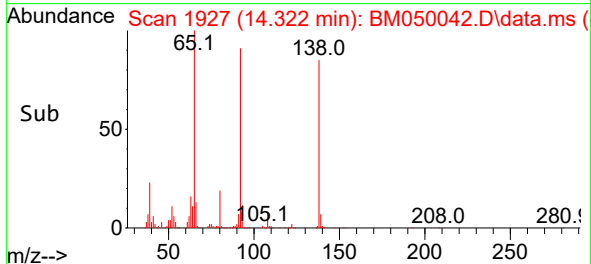
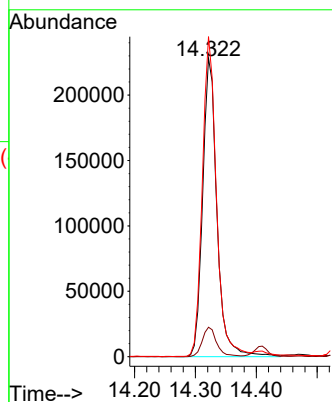
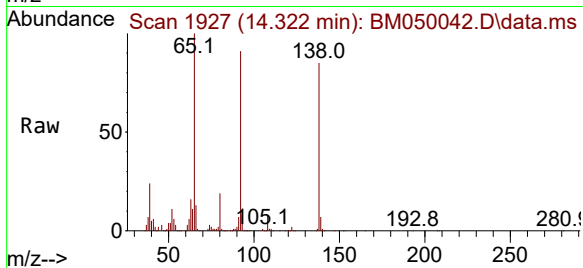




#53
3-Nitroaniline
Concen: 42.178 ng
RT: 14.322 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

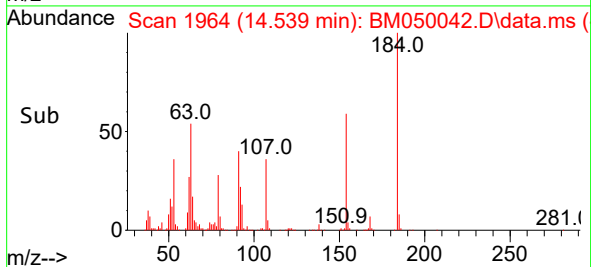
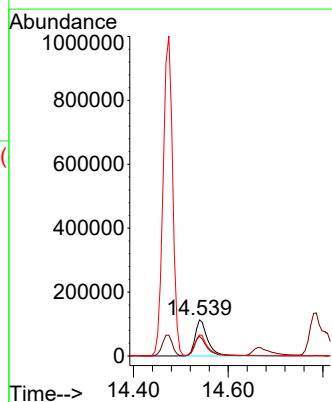
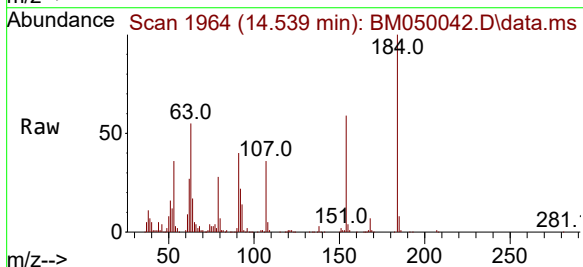
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

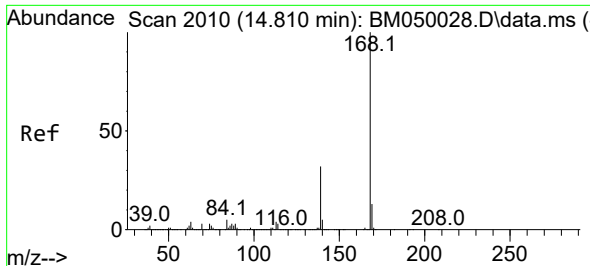
Tgt Ion:138 Resp: 373464
Ion Ratio Lower Upper
138 100
108 9.9 7.4 11.2
92 107.2 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 38.974 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:184 Resp: 212492
Ion Ratio Lower Upper
184 100
63 54.6 39.8 59.6
154 58.7 46.1 69.1

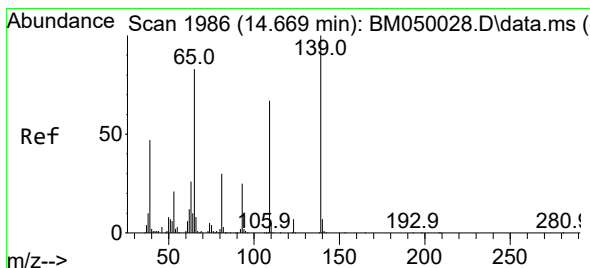
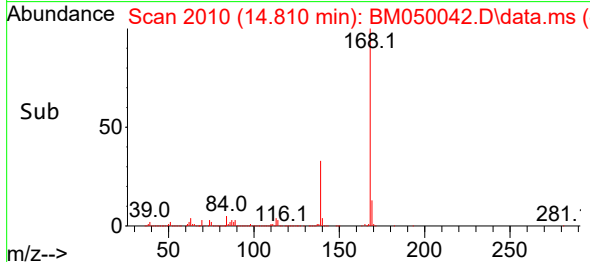
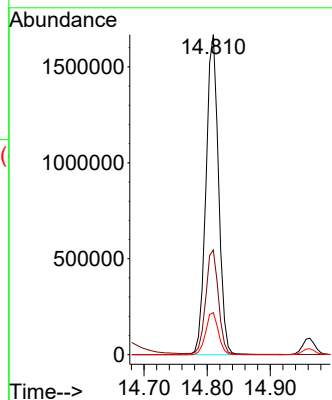
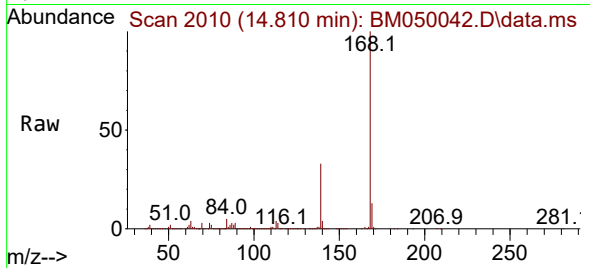




#55
Dibenzenofuran
Concen: 41.978 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

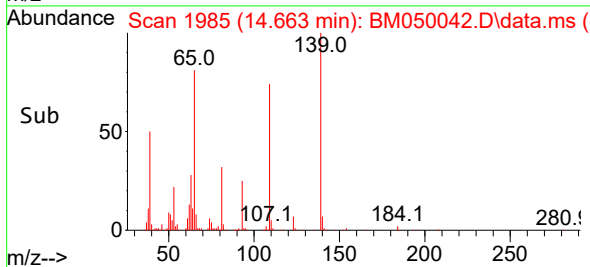
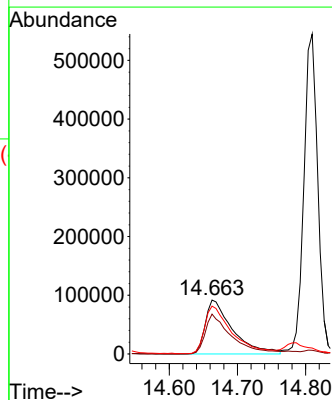
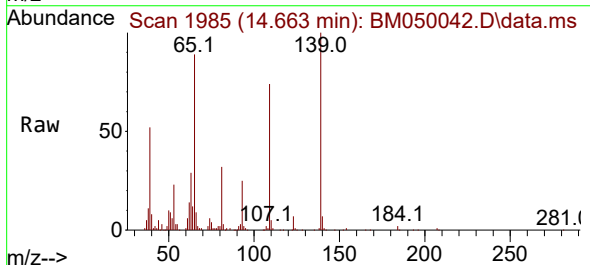
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

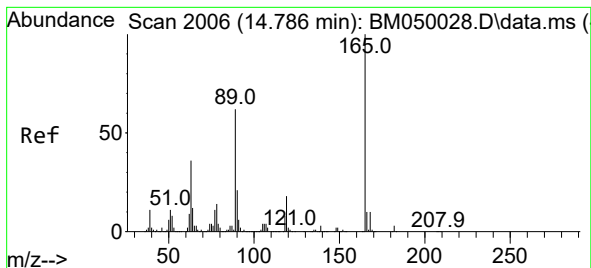
Tgt Ion:168 Resp: 2300153
Ion Ratio Lower Upper
168 100
139 32.7 26.1 39.1
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 37.941 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:139 Resp: 255109
Ion Ratio Lower Upper
139 100
109 73.9 47.0 87.0
65 88.7 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 42.356 ng

RT: 14.786 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 542807

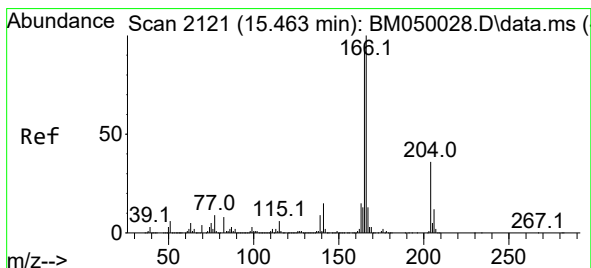
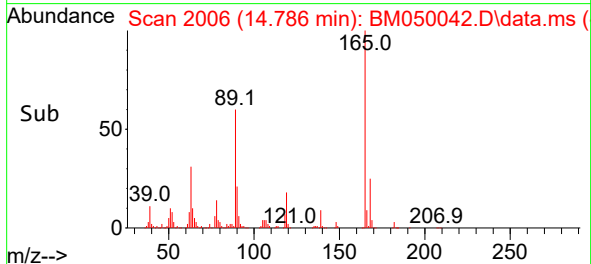
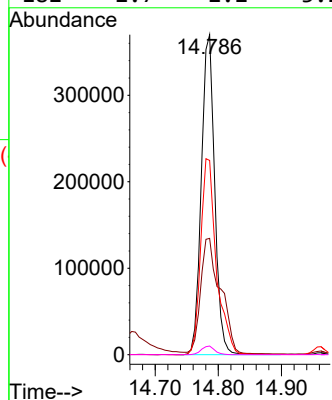
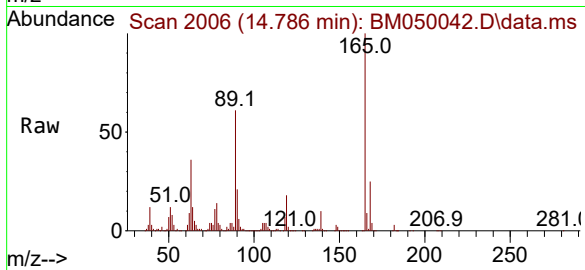
Ion Ratio Lower Upper

165 100

63 36.4 29.0 43.6

89 60.7 49.4 74.2

182 2.7 2.2 3.2



#58

Fluorene

Concen: 42.839 ng

RT: 15.457 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

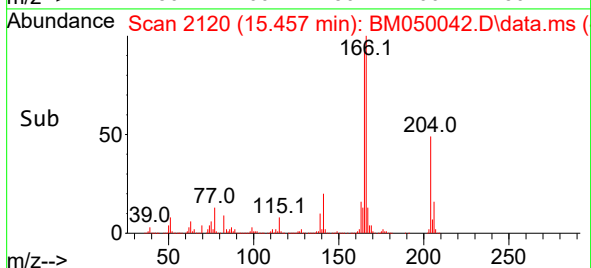
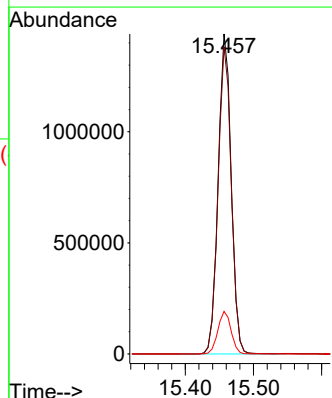
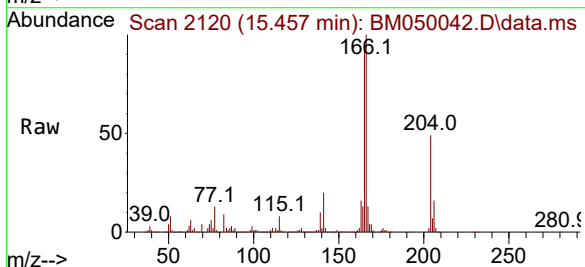
Tgt Ion:166 Resp: 1921347

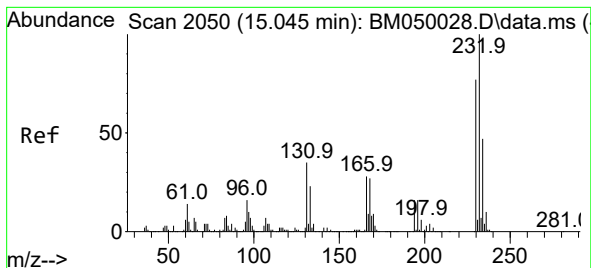
Ion Ratio Lower Upper

166 100

165 96.1 76.6 115.0

167 13.3 10.6 16.0

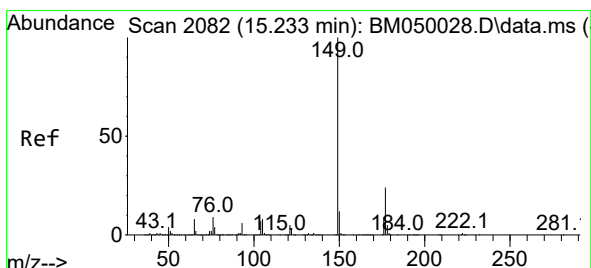
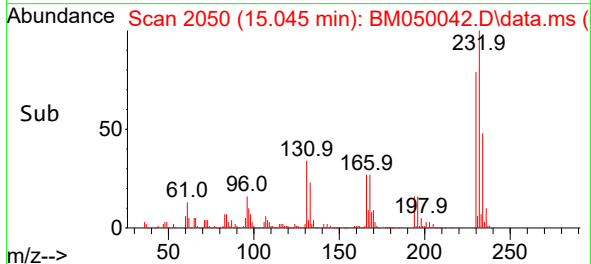
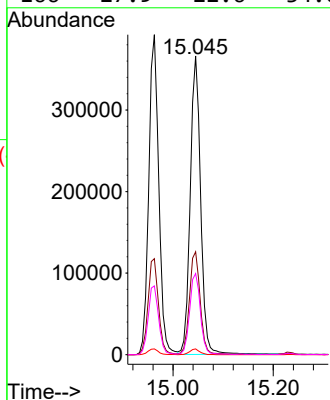
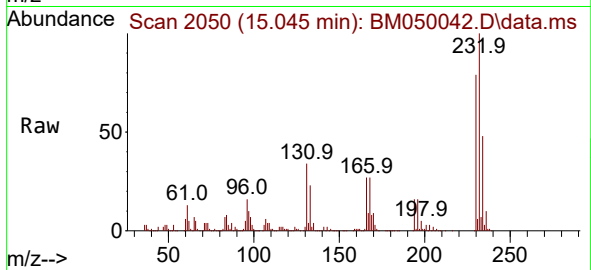




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.972 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

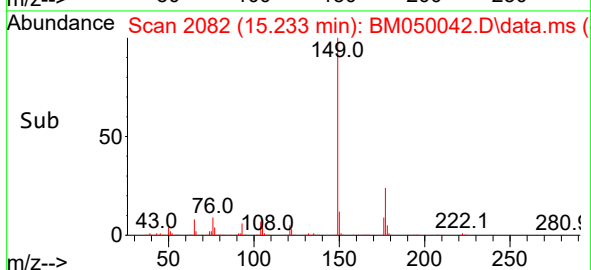
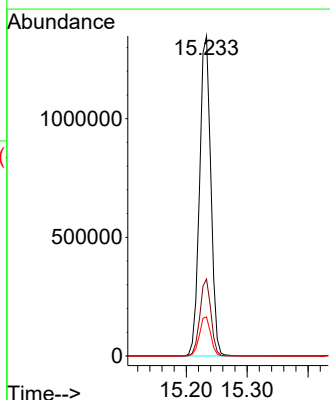
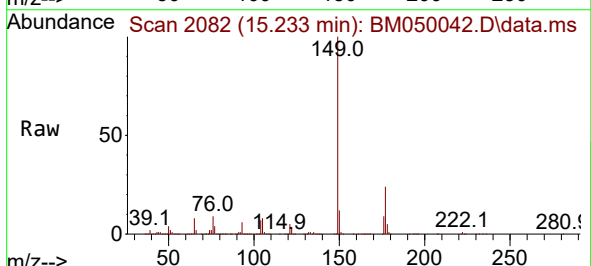
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

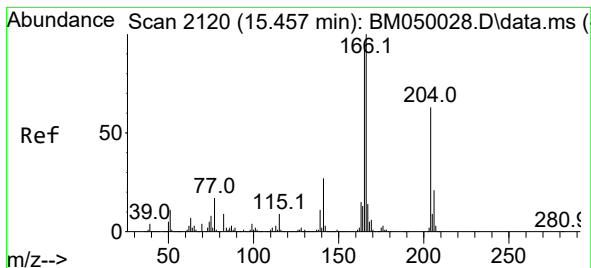
Tgt Ion:232 Resp: 527254
Ion Ratio Lower Upper
232 100
131 35.6 28.2 42.4
130 1.9 1.5 2.3
166 27.9 22.6 34.0



#60
Diethylphthalate
Concen: 41.031 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:149 Resp: 1731827
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 12.2 9.6 14.4

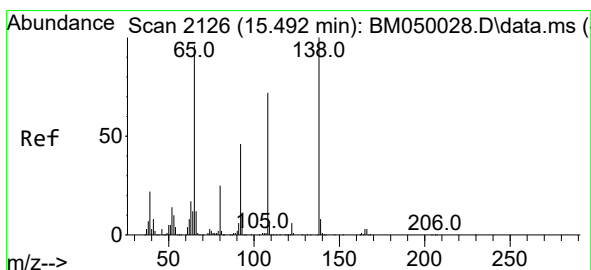
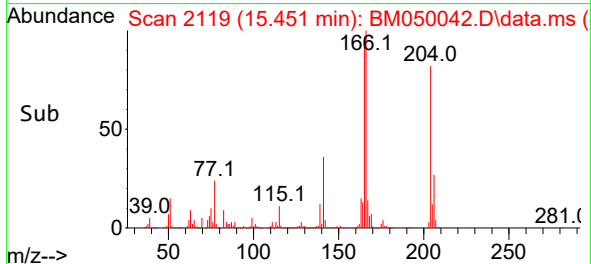
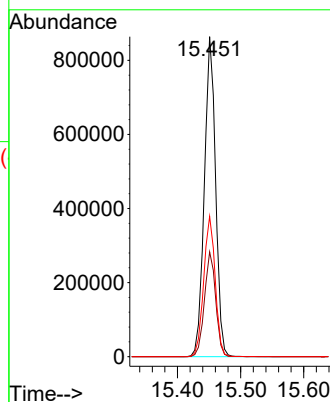
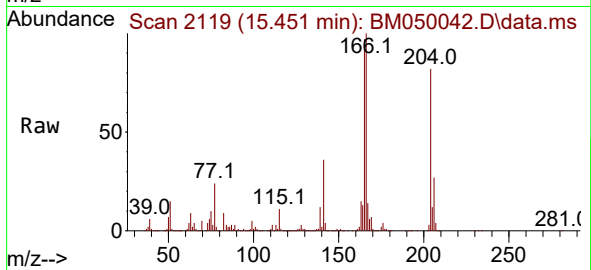




#61
4-Chlorophenyl-phenylether
Concen: 43.504 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

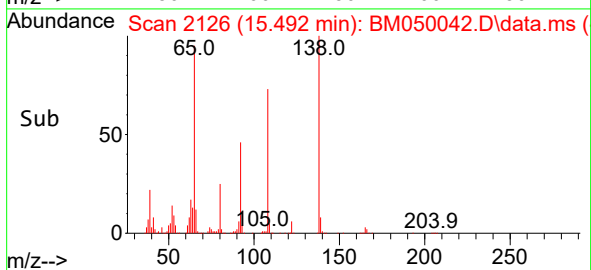
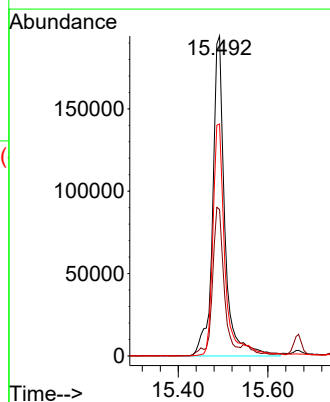
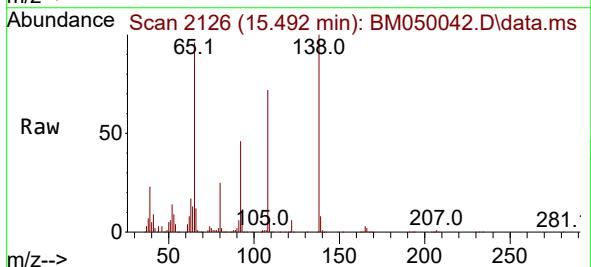
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

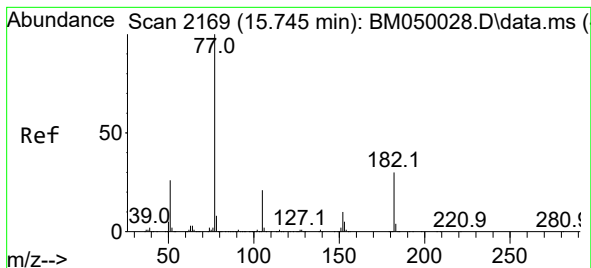
Tgt Ion:204 Resp: 1071699
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 43.8 34.0 51.0



#62
4-Nitroaniline
Concen: 42.874 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:138 Resp: 366264
Ion Ratio Lower Upper
138 100
92 45.8 25.9 65.9
108 72.5 52.4 92.4





#63

Azobenzene

Concen: 42.950 ng

RT: 15.745 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1519297

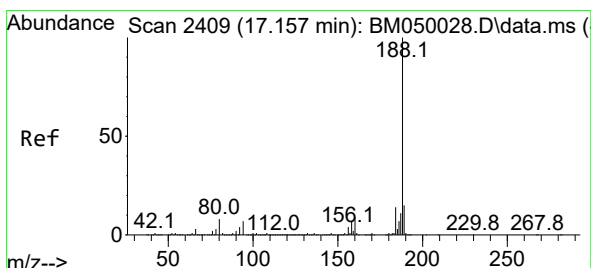
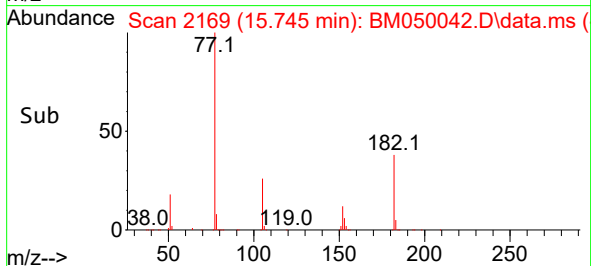
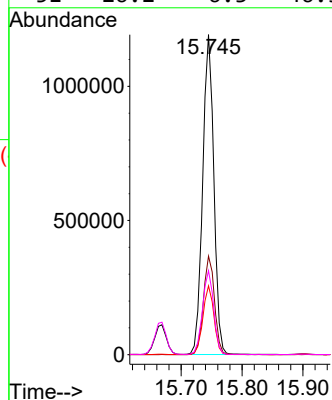
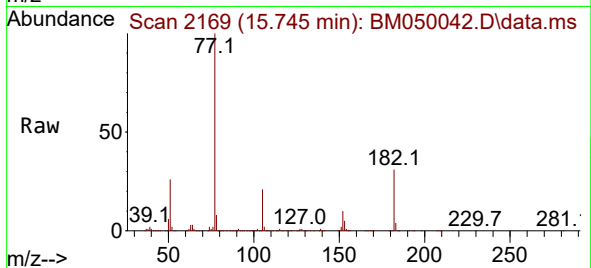
Ion Ratio Lower Upper

77 100

182 30.8 10.5 50.5

105 21.5 1.1 41.1

51 26.2 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

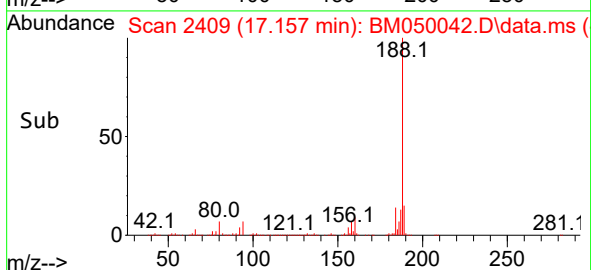
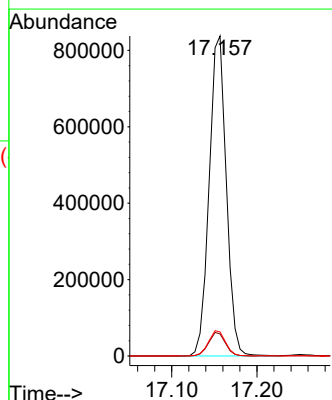
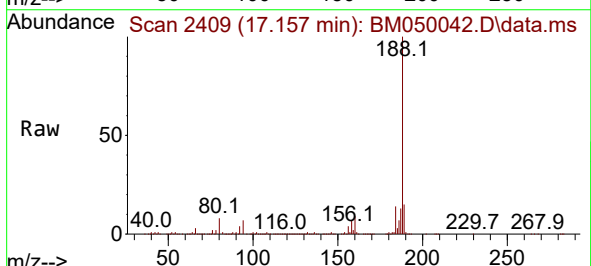
Tgt Ion: 188 Resp: 1168552

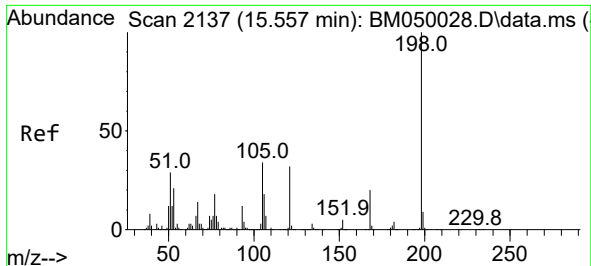
Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 7.5 6.2 9.4

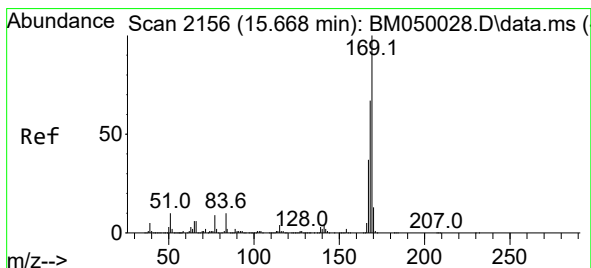
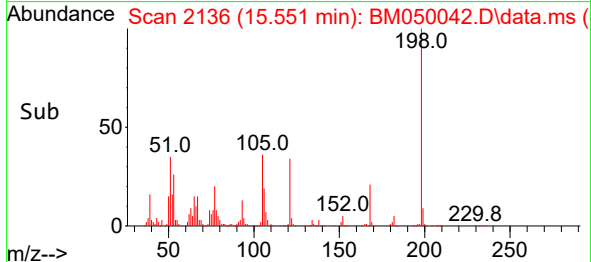
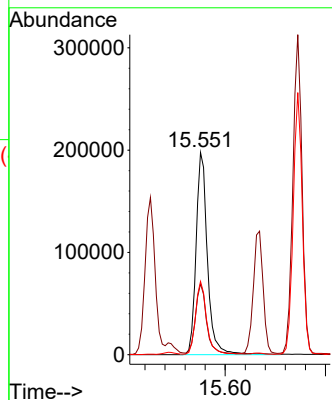
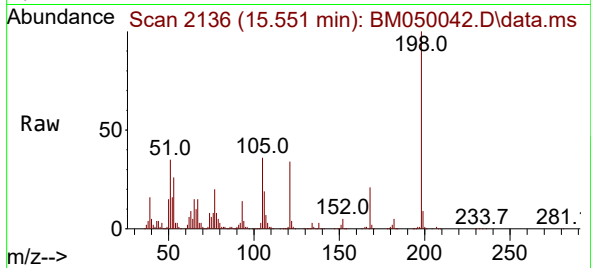




#65
4,6-Dinitro-2-methylphenol
Concen: 42.498 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

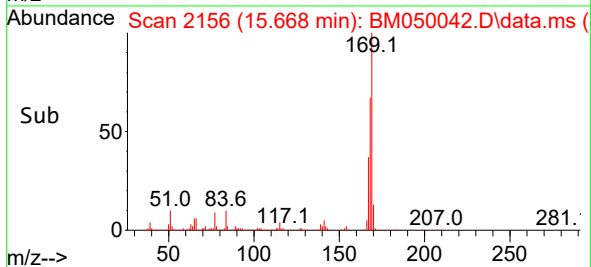
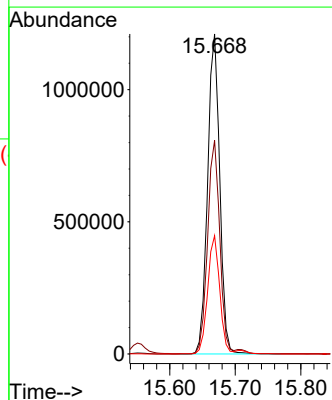
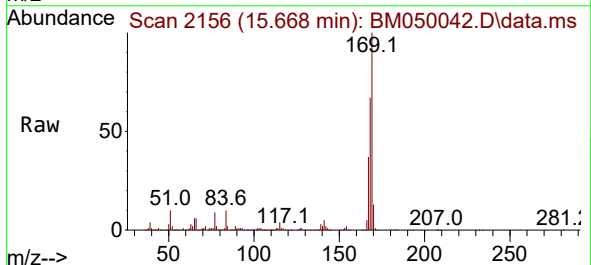
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

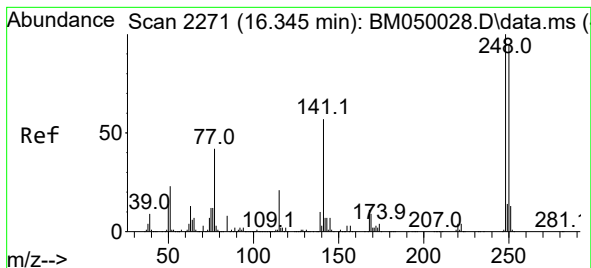
Tgt Ion:198 Resp: 310863
Ion Ratio Lower Upper
198 100
51 35.0 10.4 50.4
105 36.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 43.501 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:169 Resp: 1560967
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 37.0 29.4 44.0

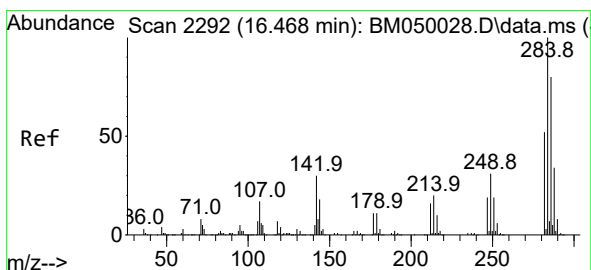
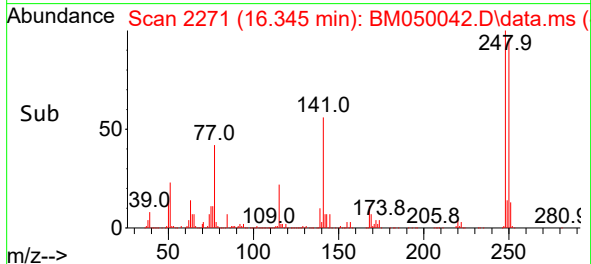
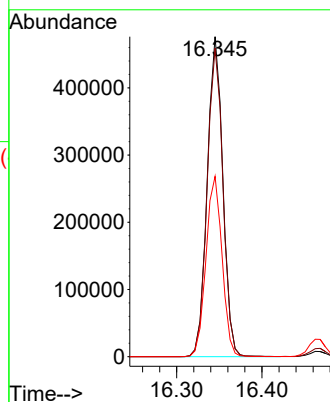
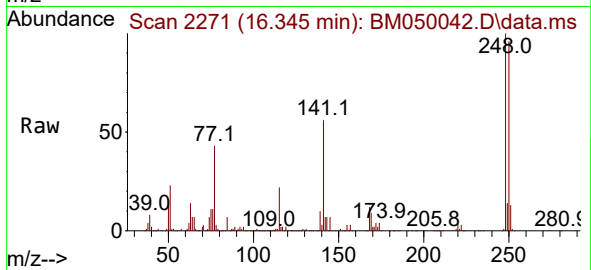




#67
4-Bromophenyl-phenylether
Concen: 43.021 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

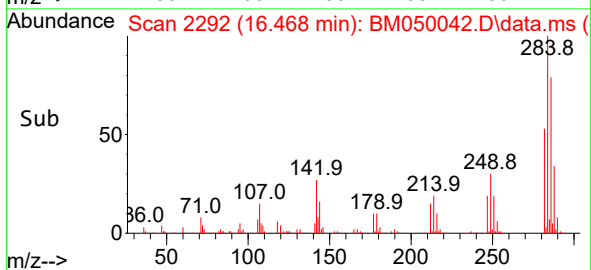
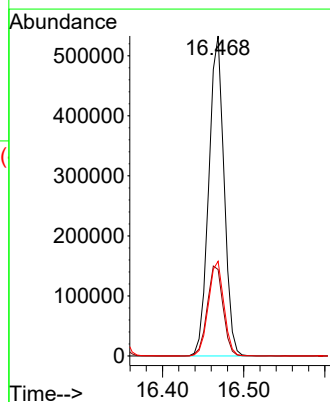
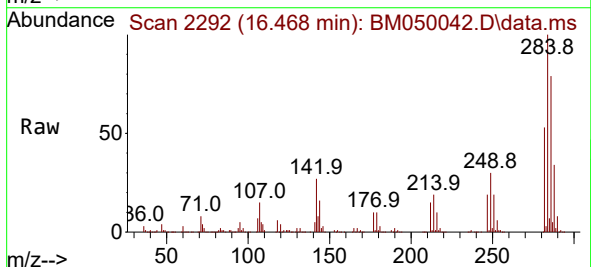
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

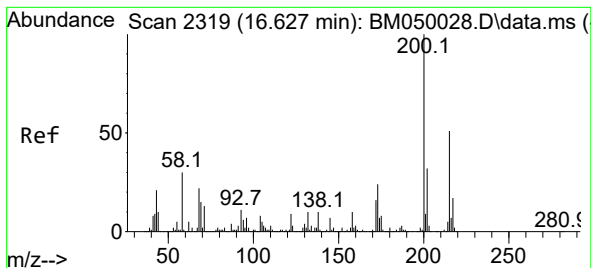
Tgt Ion:248 Resp: 607925
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.2
141 56.4 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.699 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:284 Resp: 695516
Ion Ratio Lower Upper
284 100
142 27.0 23.9 35.9
249 29.6 24.5 36.7





#69

Atrazine

Concen: 42.071 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

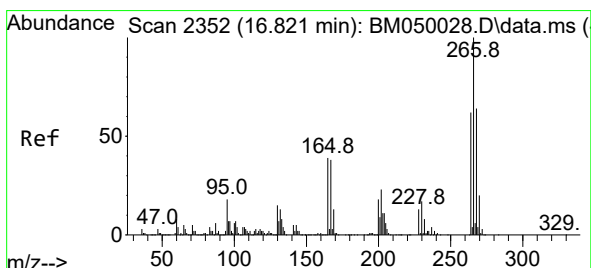
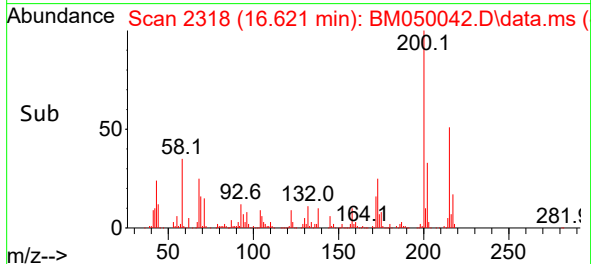
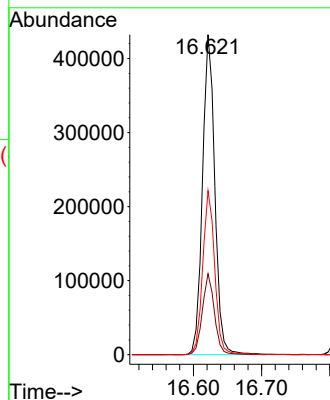
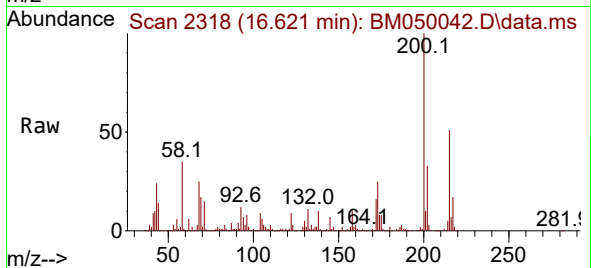
Tgt Ion:200 Resp: 544551

Ion Ratio Lower Upper

200 100

173 25.3 4.3 44.3

215 51.3 30.6 70.6



#70

Pentachlorophenol

Concen: 42.225 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

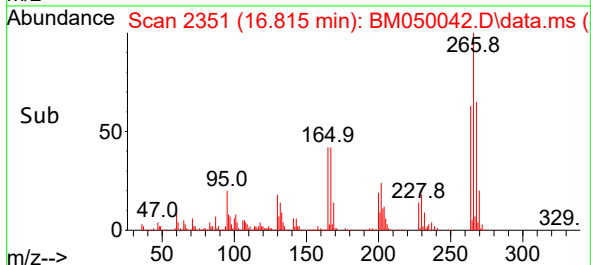
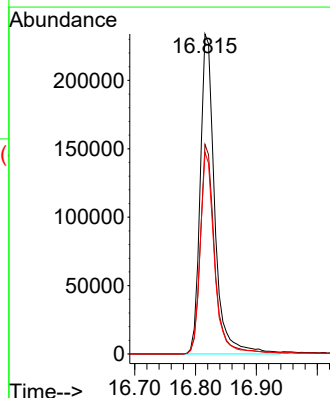
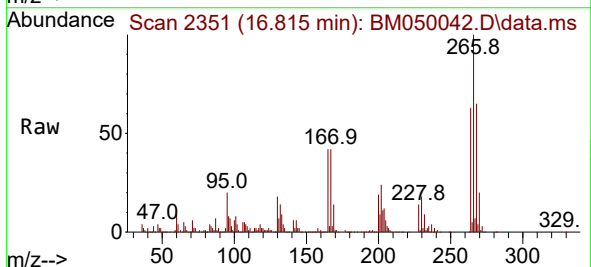
Tgt Ion:266 Resp: 387154

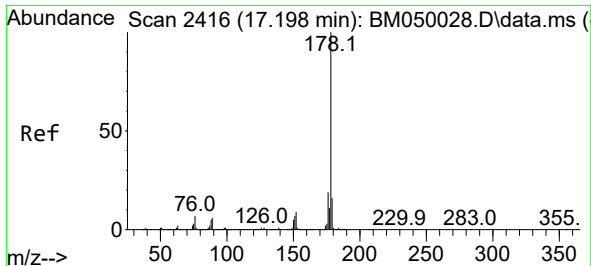
Ion Ratio Lower Upper

266 100

268 65.5 51.2 76.8

264 63.0 49.6 74.4

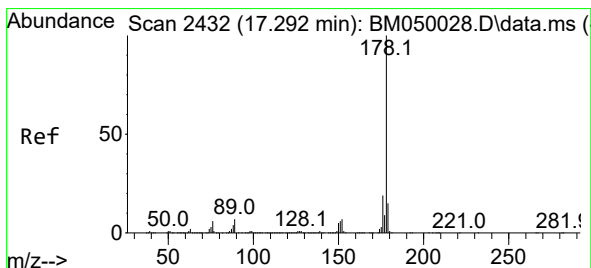
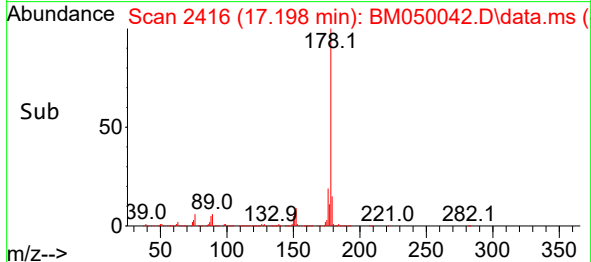
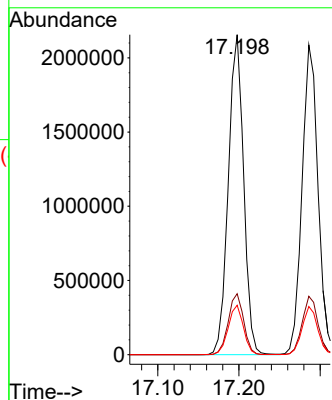
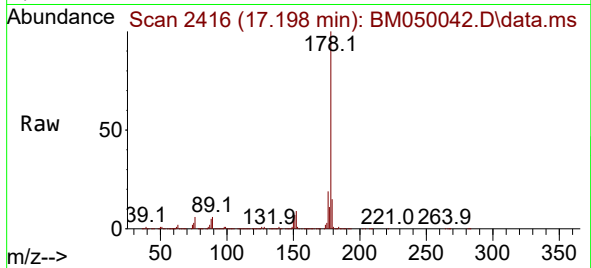




#71
Phenanthrene
Concen: 42.933 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

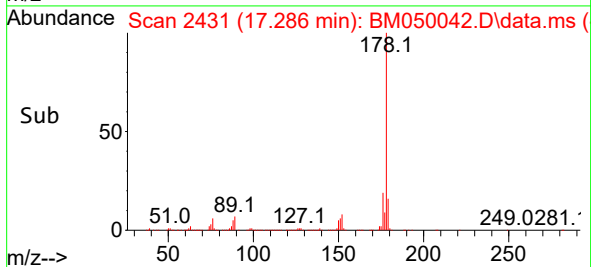
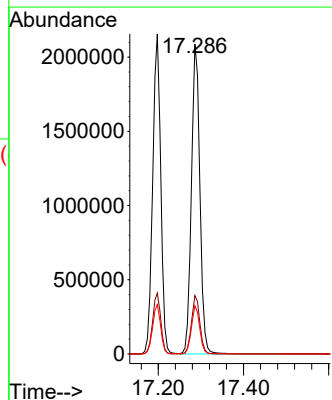
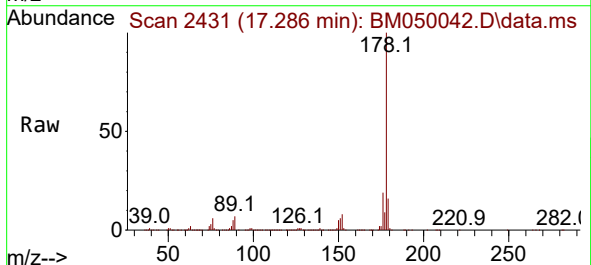
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

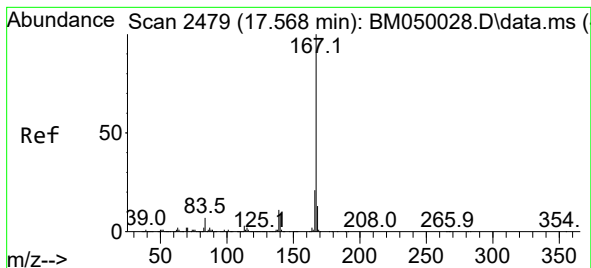
Tgt Ion:178 Resp: 2829602
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 43.151 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:178 Resp: 2878094
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4





#73

Carbazole

Concen: 41.899 ng

RT: 17.562 min Scan# 2479

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

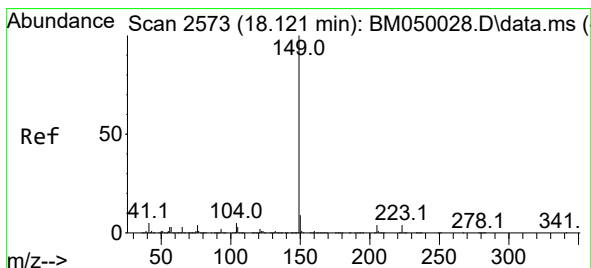
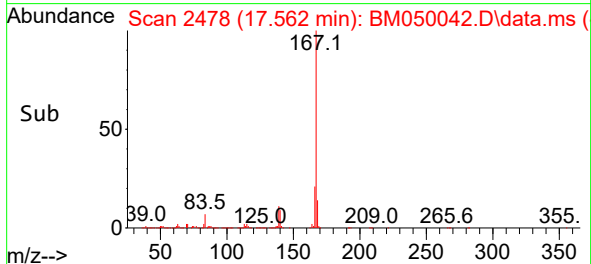
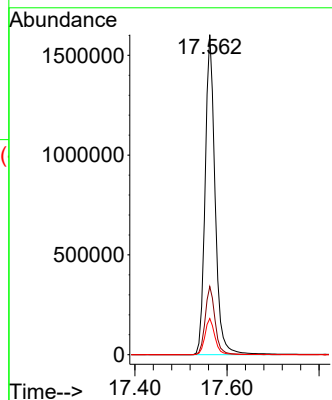
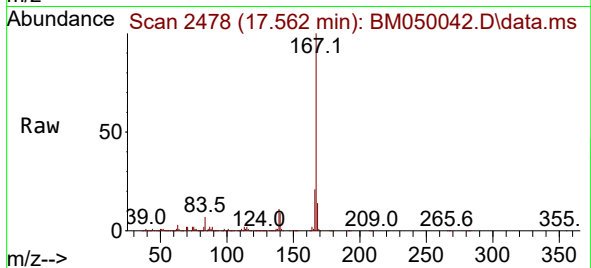
Tgt Ion:167 Resp: 2425018

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 11.3 9.0 13.6



#74

Di-n-butylphthalate

Concen: 42.408 ng

RT: 18.121 min Scan# 2573

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

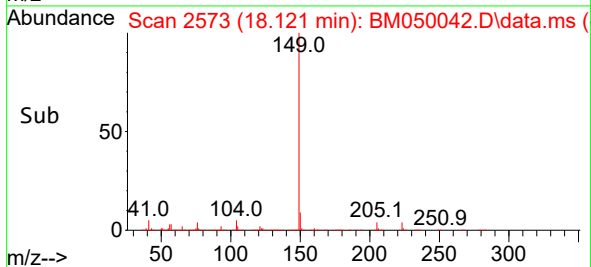
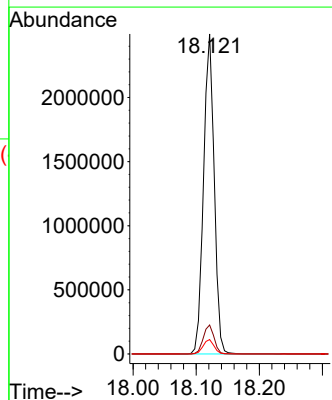
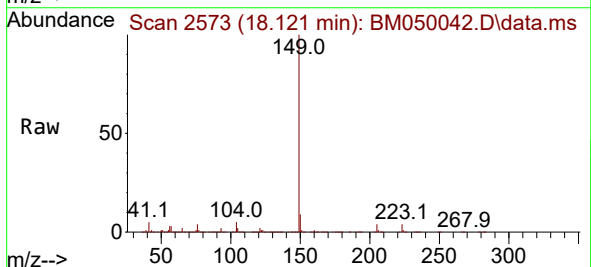
Tgt Ion:149 Resp: 2922945

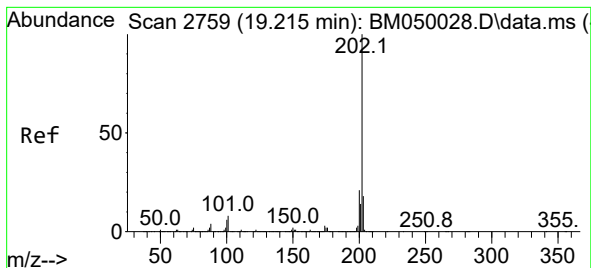
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.5 3.8 5.6

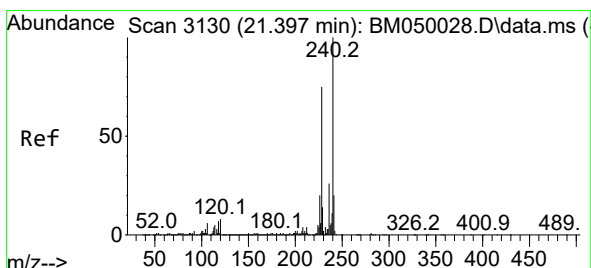
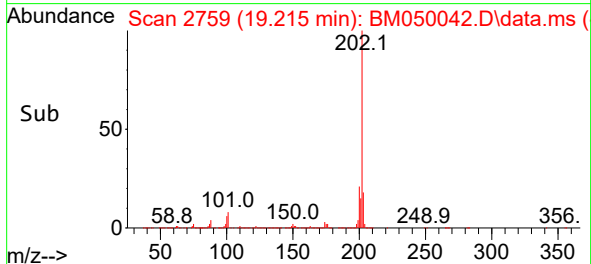
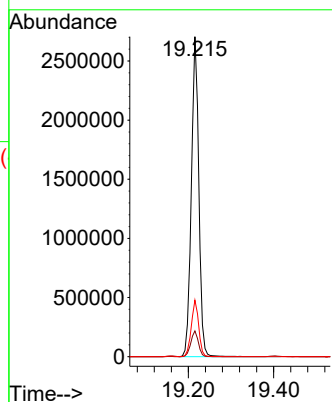
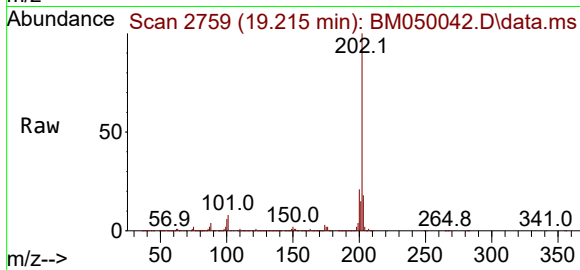




#75
Fluoranthene
Concen: 42.281 ng
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

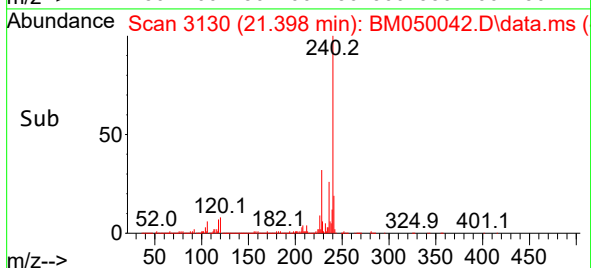
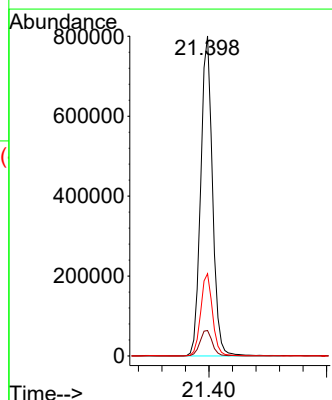
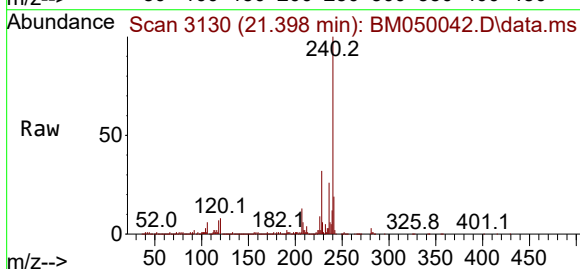
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

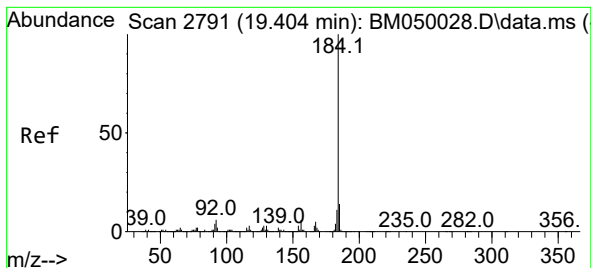
Tgt Ion:202 Resp: 3271721
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:240 Resp: 1113697
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.7 20.9 31.3





#77

Benzidine

Concen: 41.733 ng

RT: 19.404 min Scan# 2791

Delta R.T. -0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

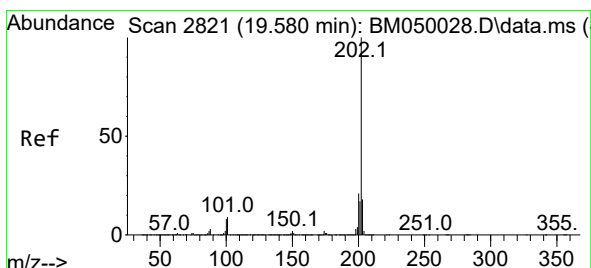
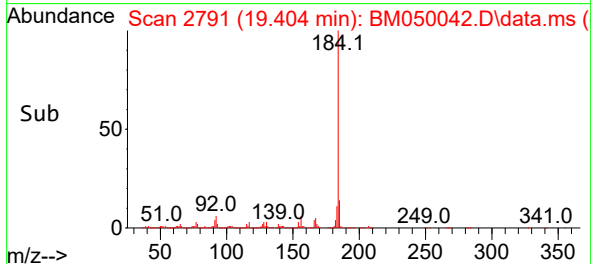
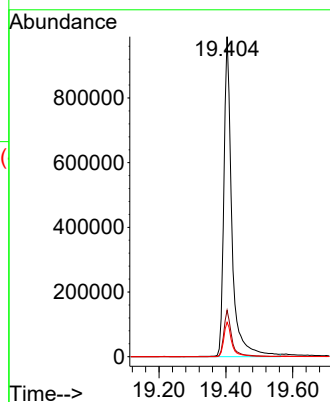
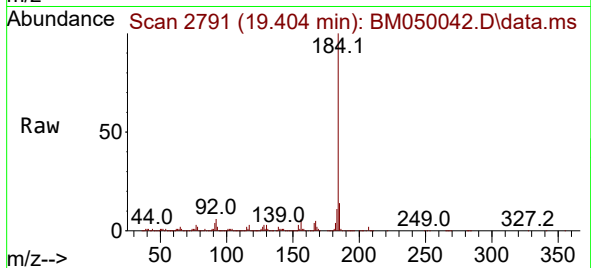
Tgt Ion:184 Resp: 1650938

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 10.8 8.9 13.3



#78

Pyrene

Concen: 43.046 ng

RT: 19.580 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

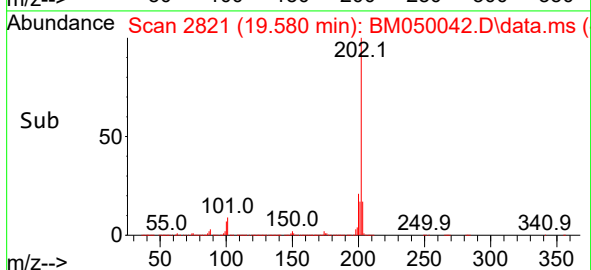
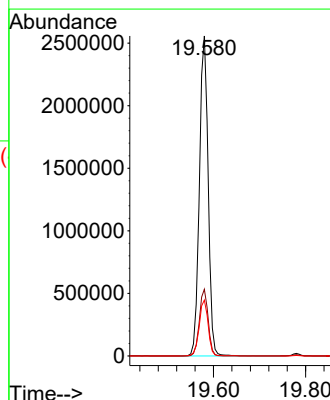
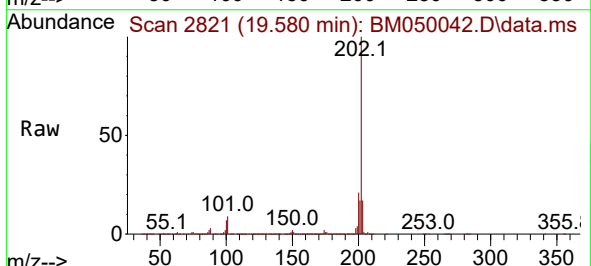
Tgt Ion:202 Resp: 3366511

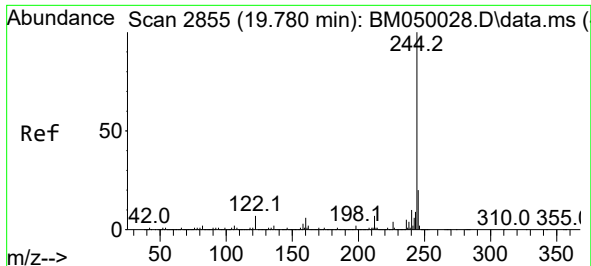
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.5 14.1 21.1

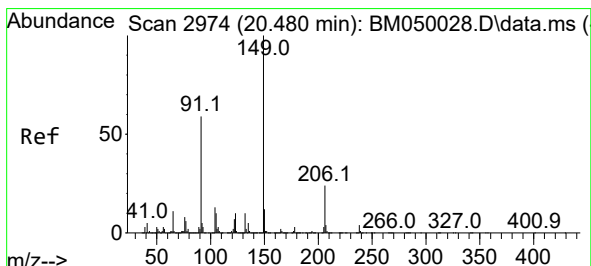
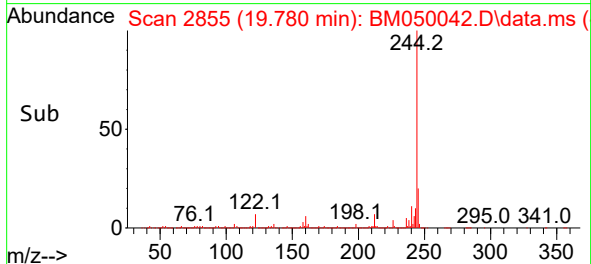
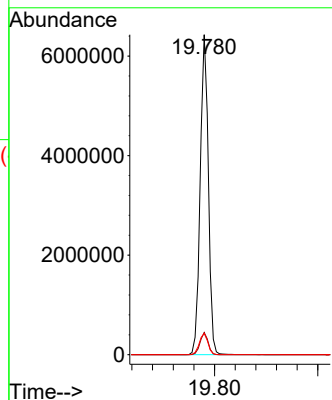
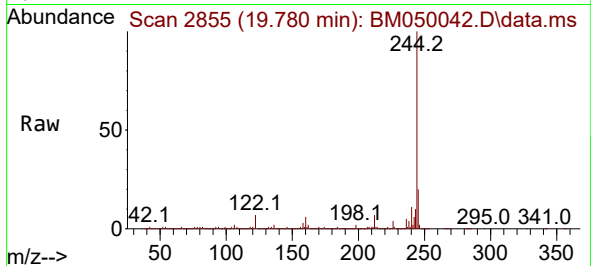




#79
 Terphenyl-d14
 Concen: 93.079 ng
 RT: 19.780 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050042.D
 Acq: 30 Apr 2025 10:53

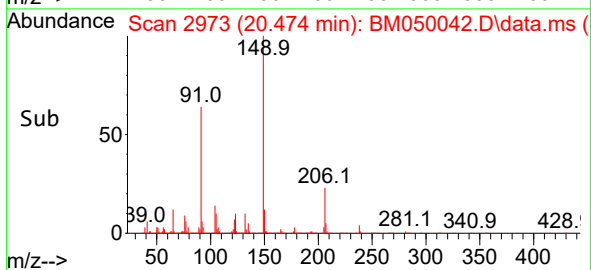
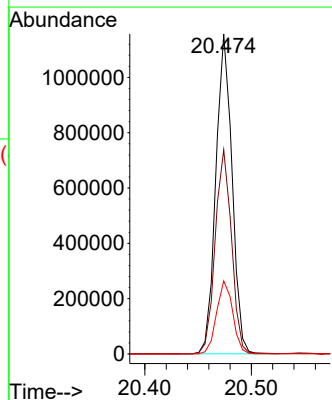
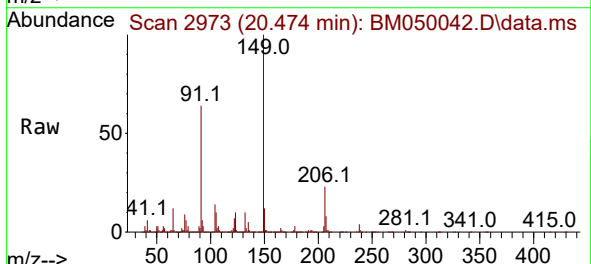
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

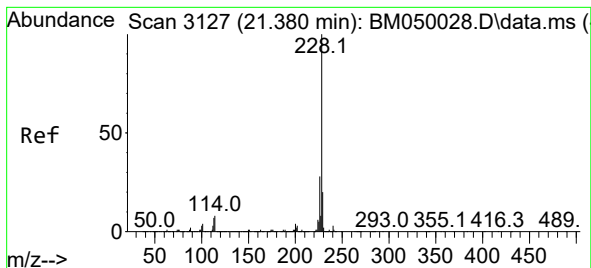
Tgt Ion:244 Resp: 7005412
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 6.6 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 41.620 ng
 RT: 20.474 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BM050042.D
 Acq: 30 Apr 2025 10:53

Tgt Ion:149 Resp: 1219105
 Ion Ratio Lower Upper
 149 100
 91 63.8 47.4 71.2
 206 22.8 19.4 29.0





#81

Benzo(a)anthracene

Concen: 42.820 ng

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

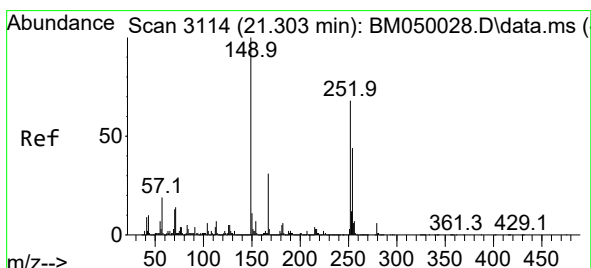
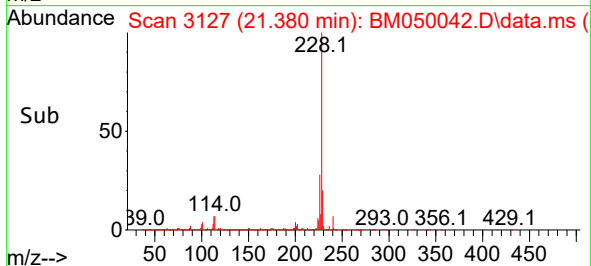
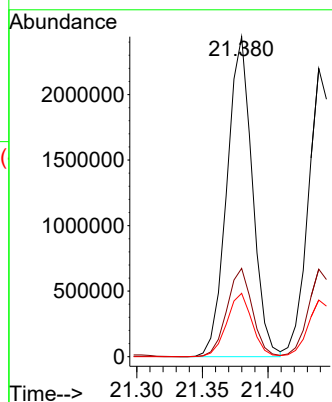
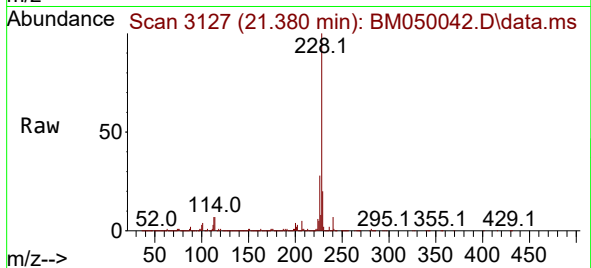
Tgt Ion:228 Resp: 3283983

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.117 ng

RT: 21.303 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

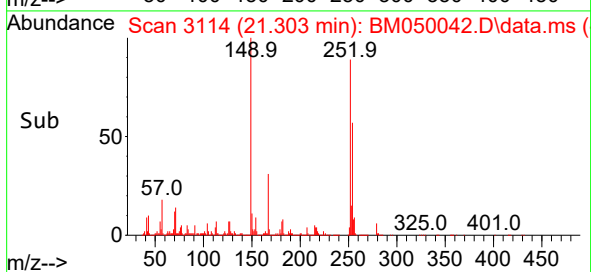
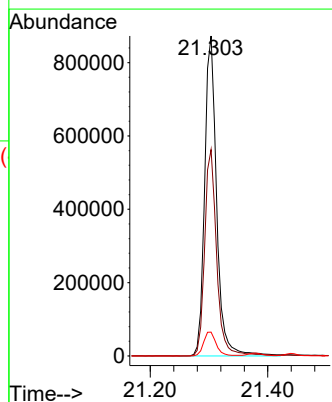
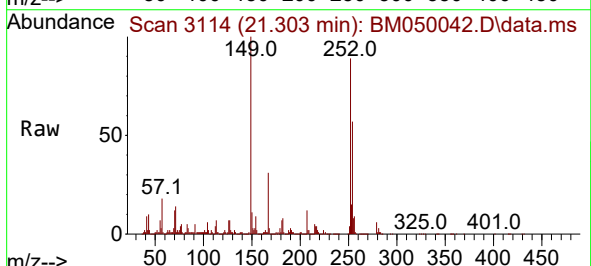
Tgt Ion:252 Resp: 1236475

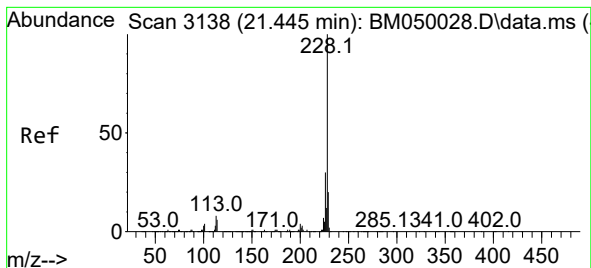
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 7.4 6.0 9.0





#83

Chrysene

Concen: 42.619 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

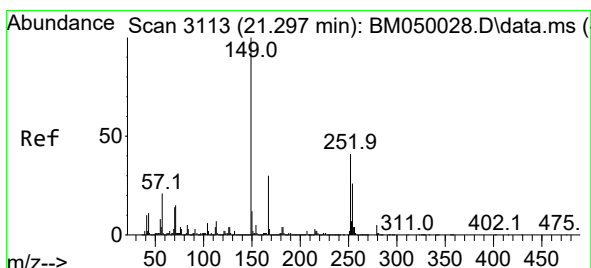
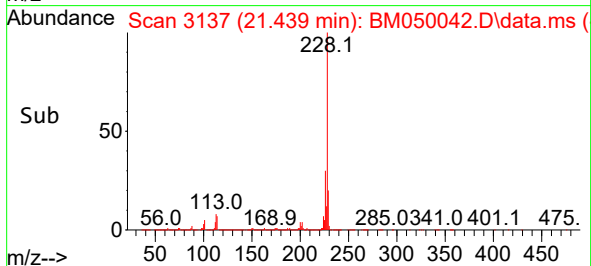
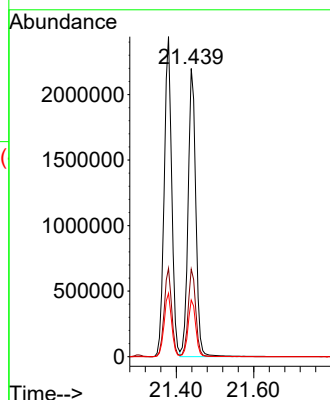
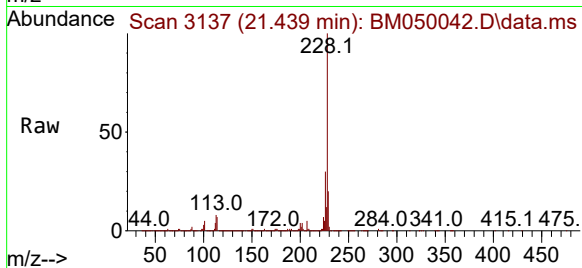
Tgt Ion:228 Resp: 3025120

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.571 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

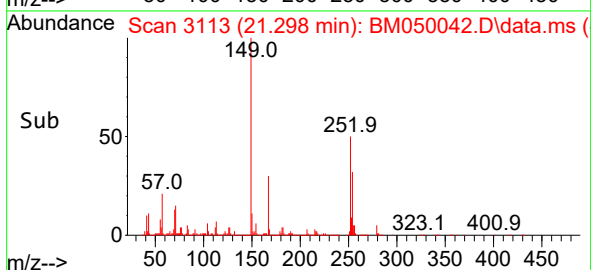
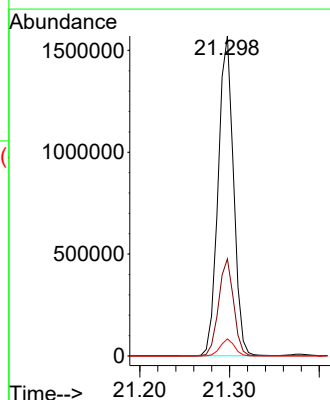
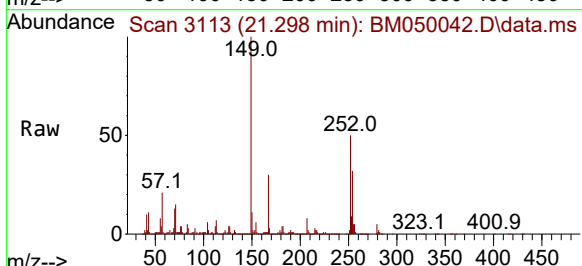
Tgt Ion:149 Resp: 1862578

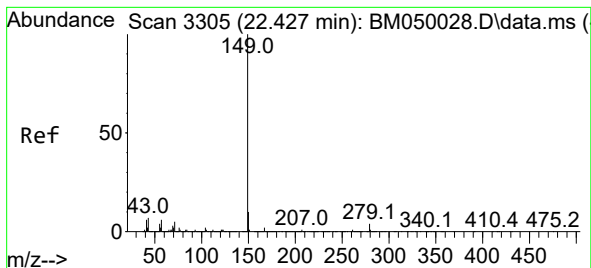
Ion Ratio Lower Upper

149 100

167 30.4 24.1 36.1

279 5.4 3.9 5.9

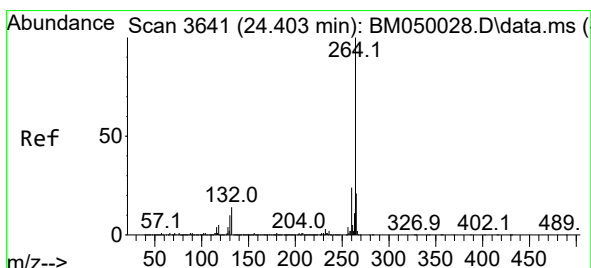
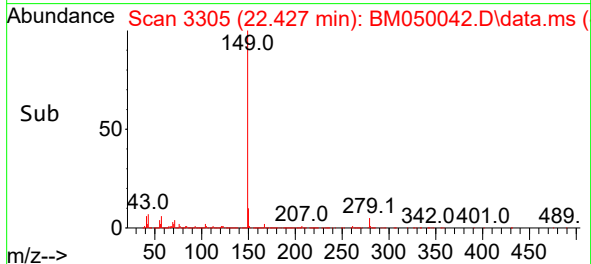
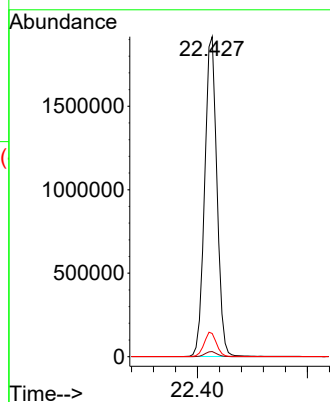
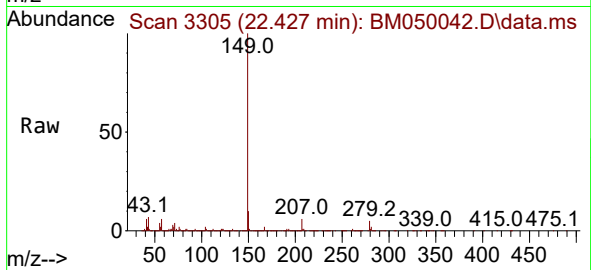




#85
Di-n-octyl phthalate
Concen: 40.954 ng
RT: 22.427 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

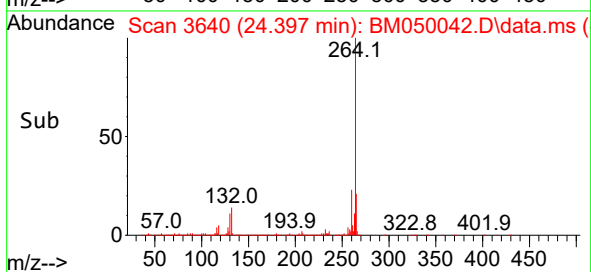
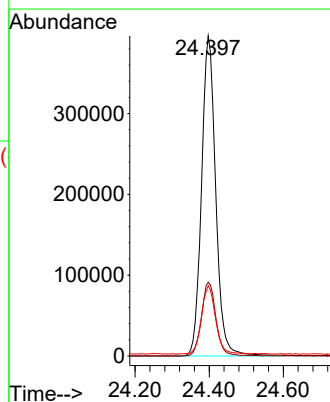
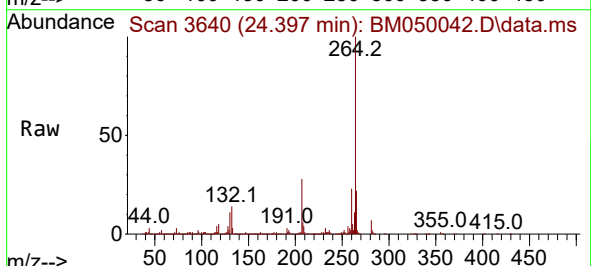
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

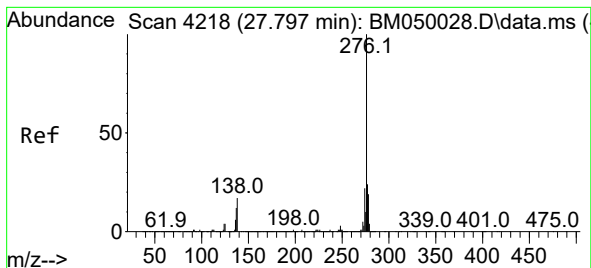
Tgt Ion:149 Resp: 2954982
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:264 Resp: 1051342
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.790 ng

RT: 27.785 min Scan# 4216

Delta R.T. -0.012 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

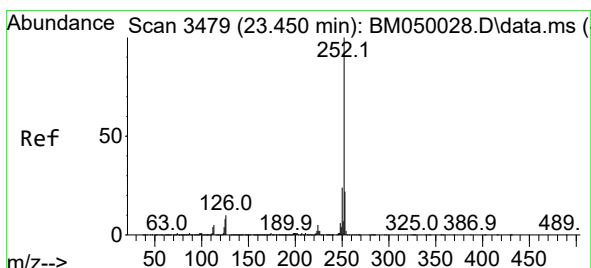
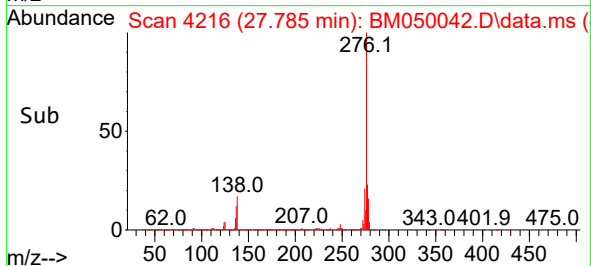
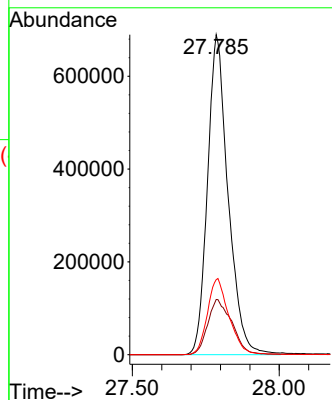
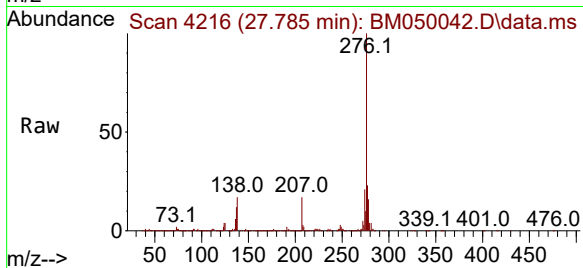
Tgt Ion:276 Resp: 3352076

Ion Ratio Lower Upper

276 100

138 20.3 16.4 24.6

277 25.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 43.358 ng

RT: 23.450 min Scan# 3479

Delta R.T. 0.000 min

Lab File: BM050042.D

Acq: 30 Apr 2025 10:53

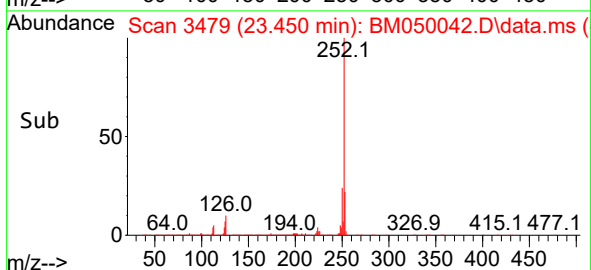
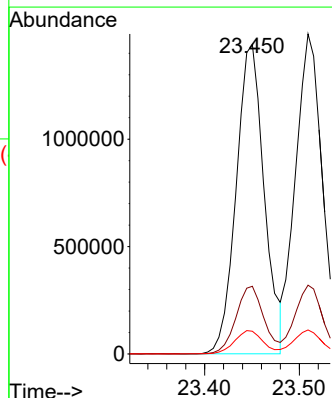
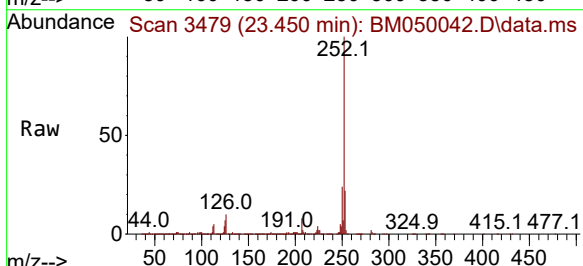
Tgt Ion:252 Resp: 2964449

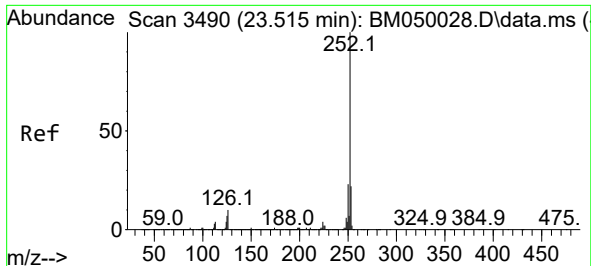
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 7.3 6.1 9.1

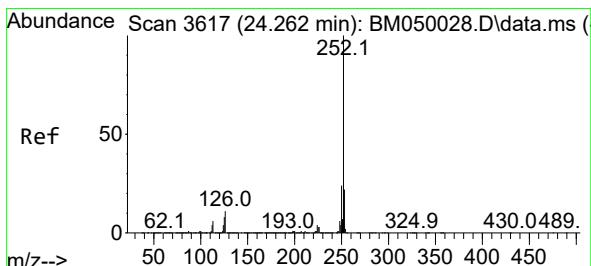
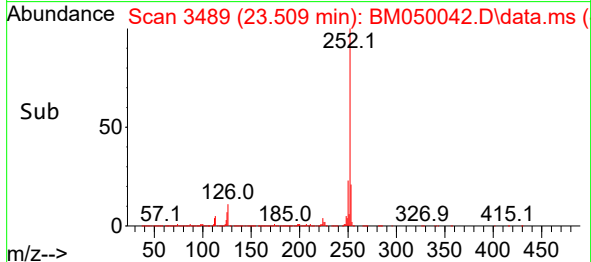
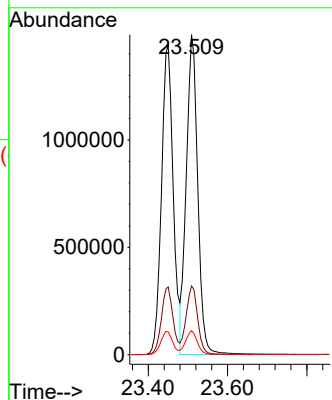
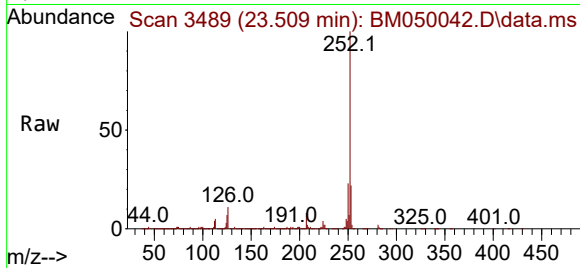




#89
Benzo(k)fluoranthene
Concen: 43.141 ng
RT: 23.509 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

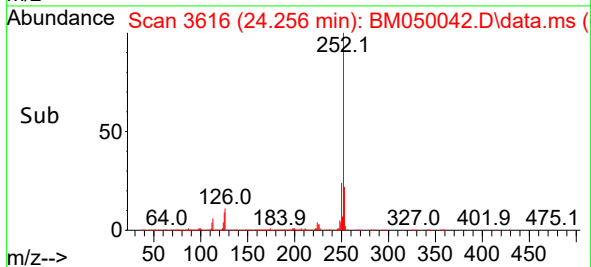
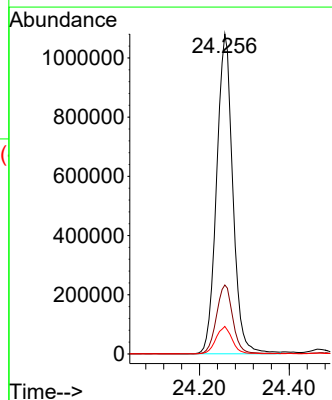
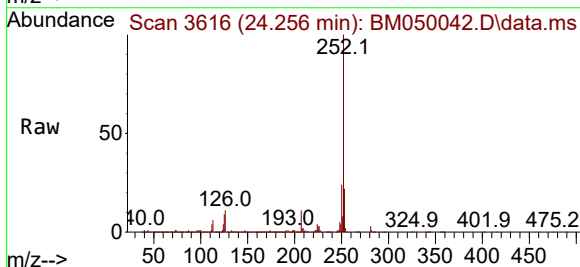
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

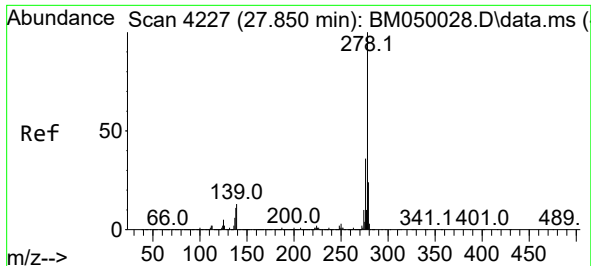
Tgt Ion:252 Resp: 2983657
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 7.5 5.8 8.8



#90
Benzo(a)pyrene
Concen: 42.397 ng
RT: 24.256 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:252 Resp: 2715011
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 8.6 6.6 9.8

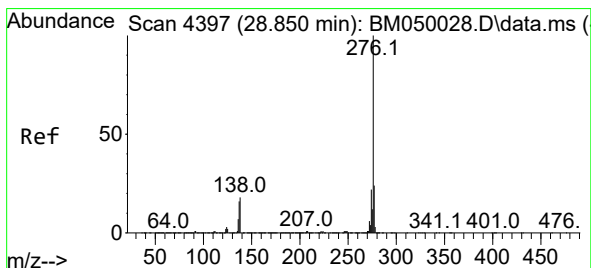
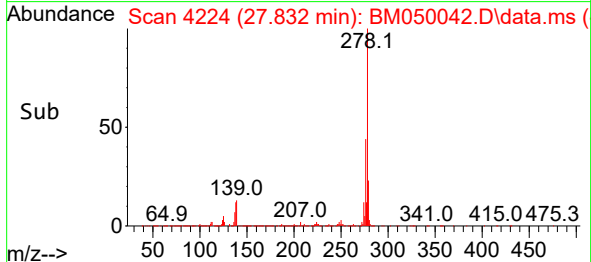
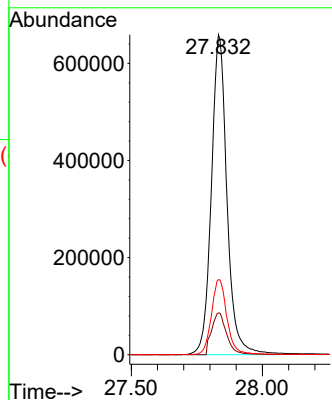
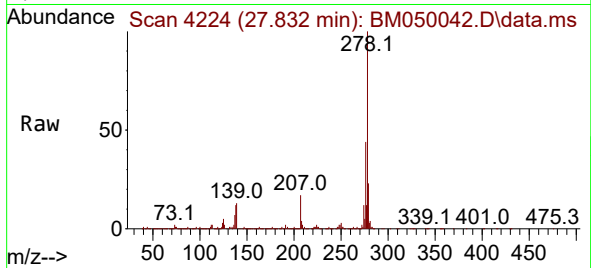




#91
Dibenzo(a,h)anthracene
Concen: 42.649 ng
RT: 27.832 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2723509
Ion Ratio Lower Upper
278 100
139 13.0 10.5 15.7
279 23.4 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 42.058 ng
RT: 28.844 min Scan# 4396
Delta R.T. -0.006 min
Lab File: BM050042.D
Acq: 30 Apr 2025 10:53

Tgt Ion:276 Resp: 2571251
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 17.6 14.3 21.5

