

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050050.D
 Acq On : 30 Apr 2025 18:02
 Operator : RC/JU
 Sample : Q1889-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2MS

Quant Time: May 01 02:17:16 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	260053	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	924881	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	580714	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1072390	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1080297	20.000	ng	0.00
86) Perylene-d12	24.391	264	1082313	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1207884	81.333	ng	0.00
7) Phenol-d6	6.946	99	1546919	82.874	ng	0.00
23) Nitrobenzene-d5	8.922	82	908964	48.428	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	652828	76.028	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2192086	44.655	ng	0.00
79) Terphenyl-d14	19.774	244	3170717	43.431	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	212006	33.294	ng	98
3) Pyridine	3.652	79	579579	35.425	ng	97
4) n-Nitrosodimethylamine	3.563	42	250266	39.002	ng	100
6) Aniline	7.093	93	344158	14.601	ng	97
8) 2-Chlorophenol	7.334	128	602256	37.507	ng	97
9) Benzaldehyde	6.910	77	281774	22.558	ng	99
10) Phenol	6.975	94	750763	39.731	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	569946	36.121	ng	98
12) 1,3-Dichlorobenzene	7.651	146	689621	35.554	ng	98
13) 1,4-Dichlorobenzene	7.798	146	695617	35.698	ng	99
14) 1,2-Dichlorobenzene	8.116	146	669650	35.576	ng	100
15) Benzyl Alcohol	8.010	79	486873	37.612	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	716370	37.350	ng	98
17) 2-Methylphenol	8.222	107	473814	38.062	ng	99
18) Hexachloroethane	8.840	117	252087	36.392	ng	97
19) n-Nitroso-di-n-propyla...	8.569	70	440140	36.766	ng	99
20) 3+4-Methylphenols	8.551	107	627710	37.340	ng	98
22) Acetophenone	8.587	105	858227	37.324	ng	# 98
24) Nitrobenzene	8.963	77	620157	38.213	ng	97
25) Isophorone	9.492	82	1153347	36.049	ng	99
26) 2-Nitrophenol	9.675	139	310010	37.391	ng	98
27) 2,4-Dimethylphenol	9.745	122	525861	38.246	ng	98
28) bis(2-Chloroethoxy)met...	9.969	93	735675	37.203	ng	100
29) 2,4-Dichlorophenol	10.228	162	582452	37.813	ng	100
30) 1,2,4-Trichlorobenzene	10.422	180	679512	36.208	ng	100
31) Naphthalene	10.610	128	1705377	36.410	ng	99
32) Benzoic acid	9.904	122	305918	34.788	ng	98
33) 4-Chloroaniline	10.734	127	163553	8.519	ng	98
34) Hexachlorobutadiene	10.892	225	428582	35.977	ng	99
35) Caprolactam	11.516	113	150290	33.463	ng	# 82
36) 4-Chloro-3-methylphenol	11.863	107	518459	36.432	ng	98
37) 2-Methylnaphthalene	12.222	142	1120965	35.696	ng	99
38) 1-Methylnaphthalene	12.439	142	1182761	35.590	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	770104	38.308	ng	99
41) Hexachlorocyclopentadiene	12.575	237	1013360	82.486	ng	100
43) 2,4,6-Trichlorophenol	12.845	196	489977	38.428	ng	98

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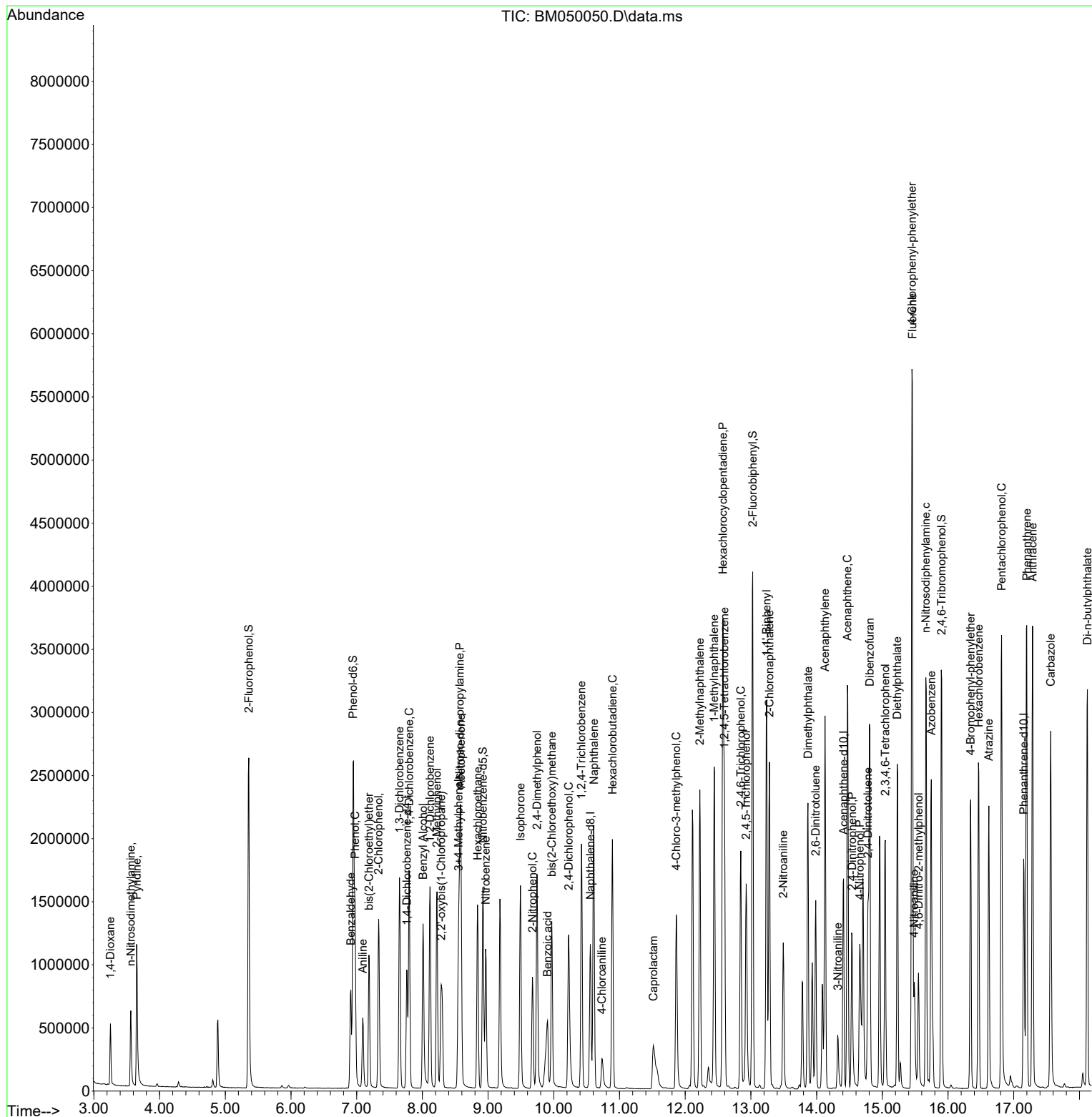
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	526488	38.292	ng	98
46) 1,1'-Biphenyl	13.239	154	1629799	37.755	ng	99
47) 2-Chloronaphthalene	13.280	162	1302160	38.087	ng	100
48) 2-Nitroaniline	13.492	65	310914	38.748	ng	94
49) Acenaphthylene	14.127	152	1998341	37.072	ng	100
50) Dimethylphthalate	13.869	163	1525141	35.937	ng	99
51) 2,6-Dinitrotoluene	13.986	165	319365	36.346	ng	95
52) Acenaphthene	14.469	154	1152348	36.932	ng	100
53) 3-Nitroaniline	14.322	138	123502	14.722	ng	96
54) 2,4-Dinitrophenol	14.539	184	352044	63.853	ng	97
55) Dibenzofuran	14.810	168	1905961	36.714	ng	99
56) 4-Nitrophenol	14.657	139	491031	72.404	ng	94
57) 2,4-Dinitrotoluene	14.780	165	445355	36.680	ng	95
58) Fluorene	15.457	166	1587784	37.366	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	435492	36.591	ng	99
60) Diethylphthalate	15.227	149	1412851	35.331	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	865139	37.068	ng	98
62) 4-Nitroaniline	15.486	138	268767	33.207	ng	92
63) Azobenzene	15.745	77	1412905	42.158	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	233014	34.712	ng	97
66) n-Nitrosodiphenylamine	15.663	169	1272523	38.643	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	492266	37.960	ng	98
68) Hexachlorobenzene	16.468	284	560879	37.521	ng	96
69) Atrazine	16.621	200	439898	37.034	ng	99
70) Pentachlorophenol	16.815	266	705569	83.853	ng	99
71) Phenanthrene	17.198	178	2286790	37.808	ng	100
72) Anthracene	17.286	178	2292656	37.456	ng	100
73) Carbazole	17.563	167	1977881	37.238	ng	99
74) Di-n-butylphthalate	18.121	149	2350453	37.160	ng	99
75) Fluoranthene	19.215	202	2630073	37.037	ng	100
77) Benzidine	19.404	184	994596	25.919	ng	100
78) Pyrene	19.574	202	2725548	35.928	ng	100
80) Butylbenzylphthalate	20.474	149	1023890	36.036	ng	96
81) Benzo(a)anthracene	21.374	228	2779421	37.362	ng	100
82) 3,3'-Dichlorobenzidine	21.298	252	529097	18.579	ng	99
83) Chrysene	21.439	228	2576404	37.420	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	1587083	37.396	ng	97
85) Di-n-octyl phthalate	22.421	149	2619466	37.427	ng	99
87) Indeno(1,2,3-cd)pyrene	27.779	276	3213578	39.848	ng	100
88) Benzo(b)fluoranthene	23.444	252	2597561	36.905	ng	100
89) Benzo(k)fluoranthene	23.509	252	2629012	36.926	ng	100
90) Benzo(a)pyrene	24.250	252	2463380	37.367	ng	99
91) Dibenzo(a,h)anthracene	27.827	278	2634617	40.077	ng	99
92) Benzo(g,h,i)perylene	28.838	276	2527554	40.160	ng	98

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

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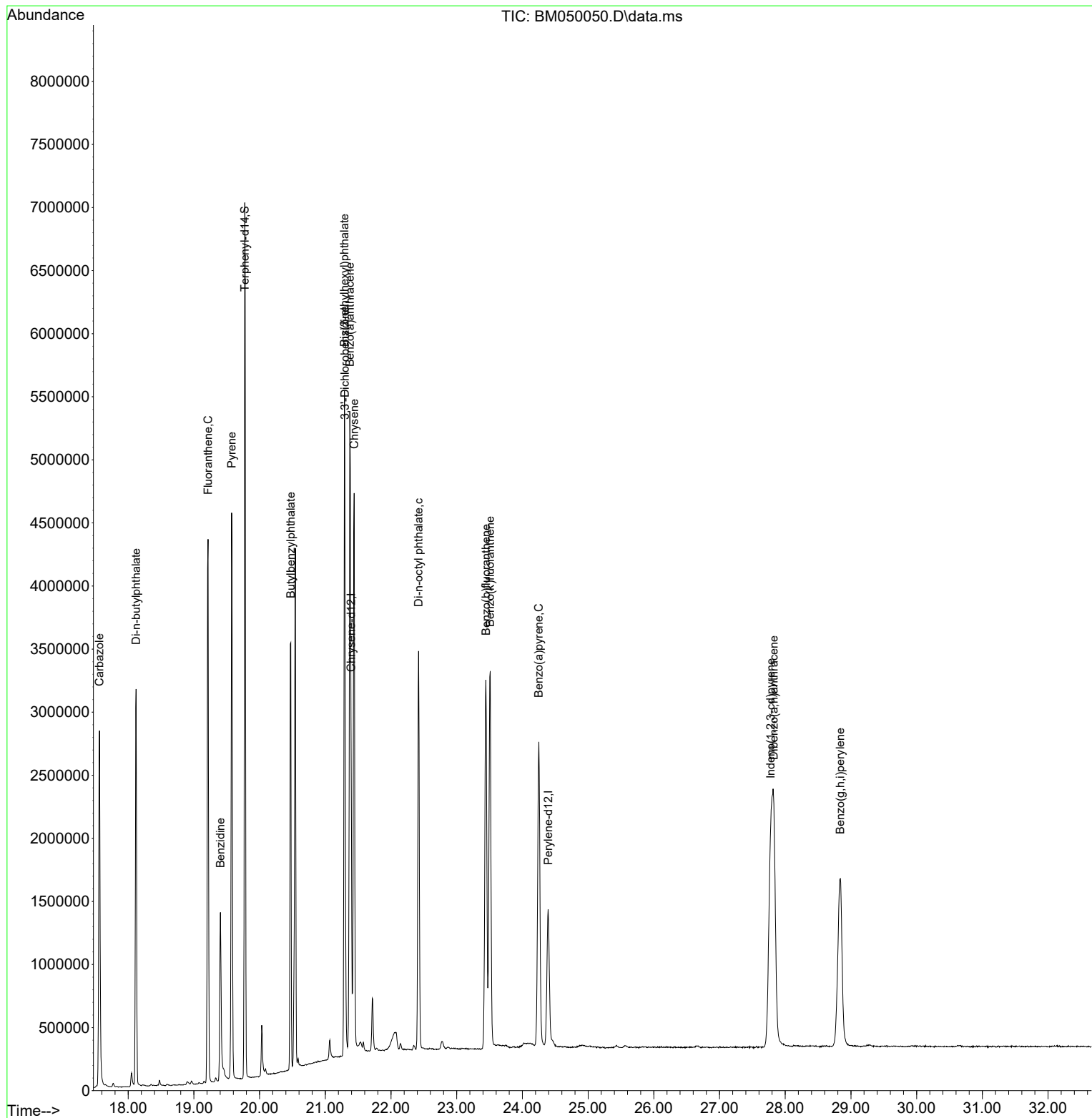
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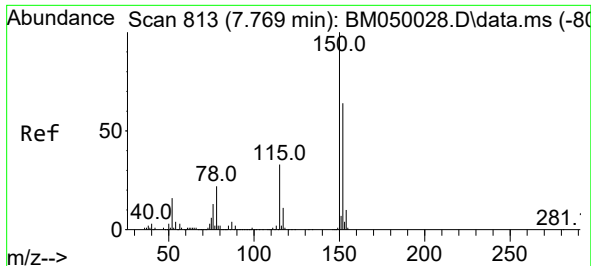


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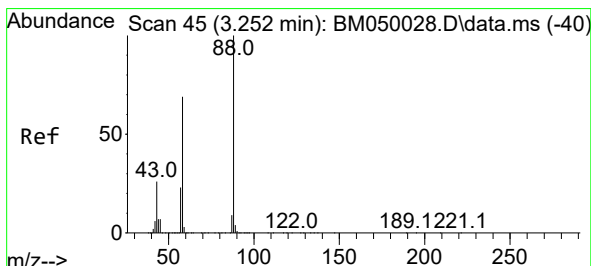
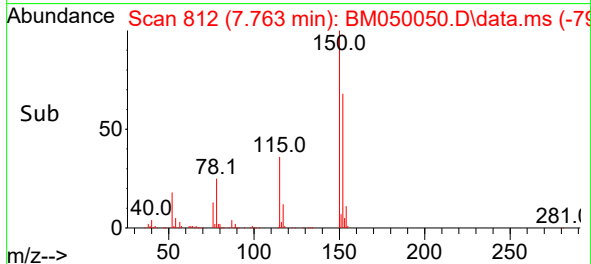
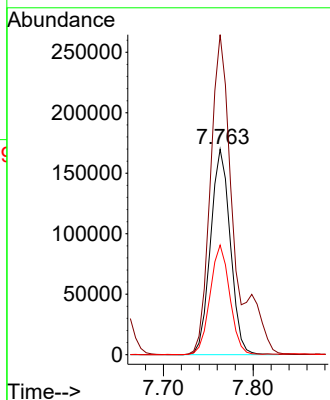
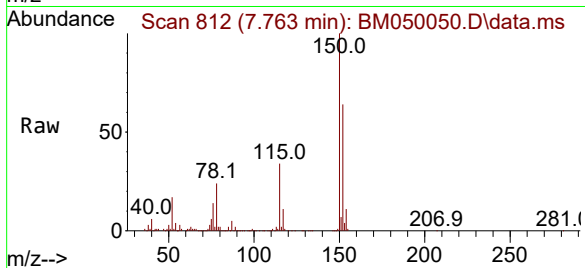




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050050.D
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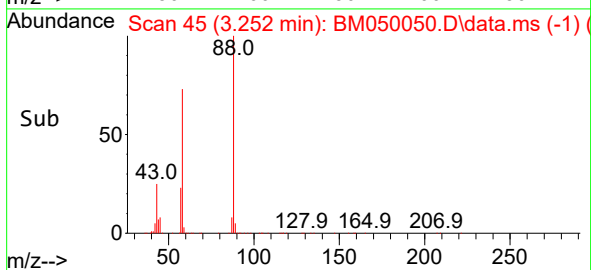
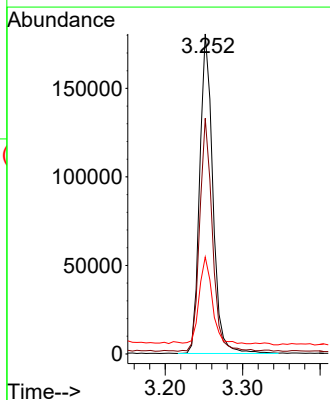
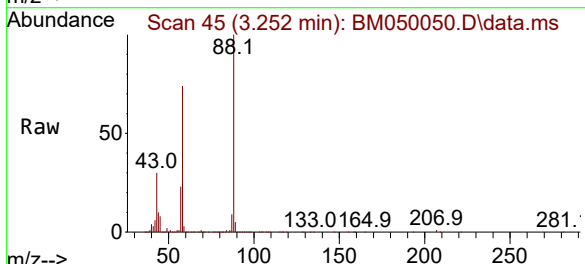
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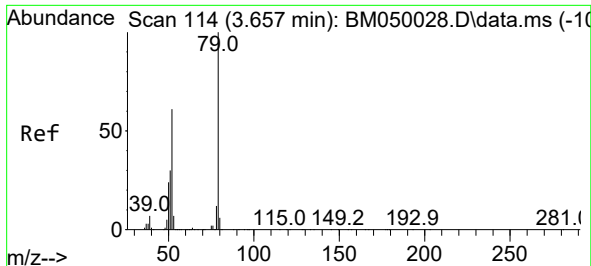
Tgt Ion:152 Resp: 260053
Ion Ratio Lower Upper
152 100
150 155.8 124.1 186.1
115 53.4 41.2 61.8



#2
1,4-Dioxane
Concen: 33.294 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion: 88 Resp: 212006
Ion Ratio Lower Upper
88 100
58 70.3 55.1 82.7
43 26.7 20.9 31.3

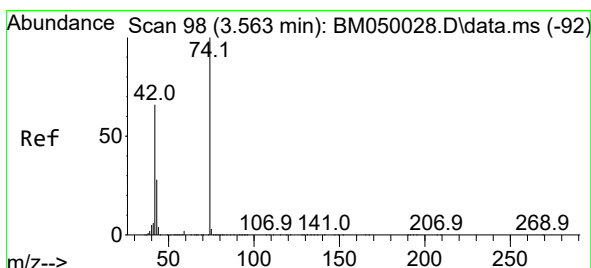
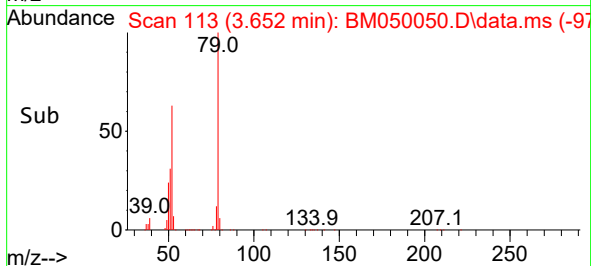
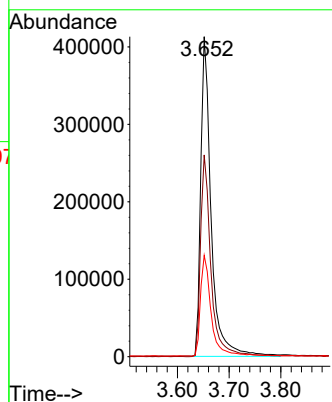
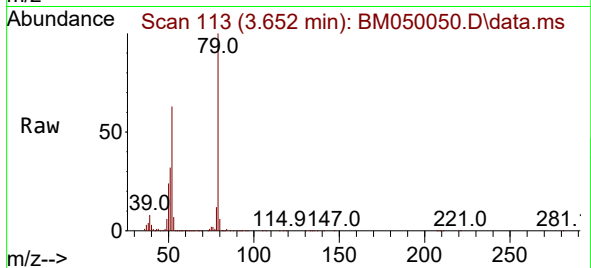




#3
 Pyridine
 Concen: 35.425 ng
 RT: 3.652 min Scan# 114
 Delta R.T. -0.006 min
 Lab File: BM050050.D
 Acq: 30 Apr 2025 18:02

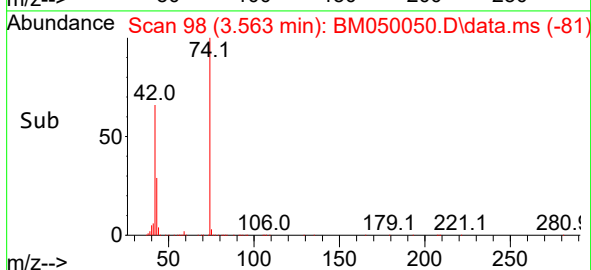
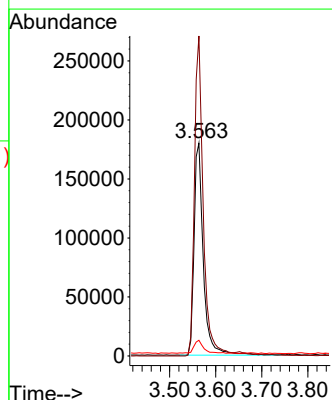
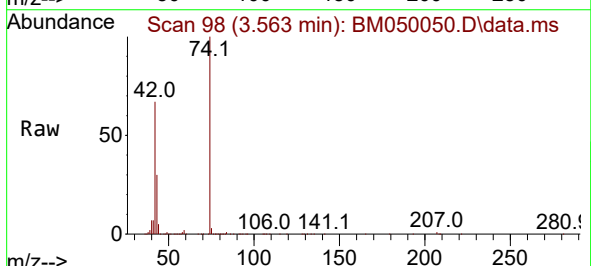
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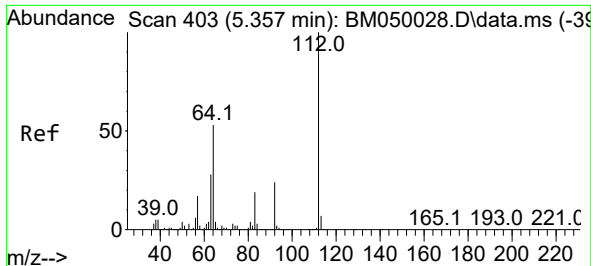
Tgt Ion: 79 Resp: 579579
 Ion Ratio Lower Upper
 79 100
 52 63.1 48.6 72.8
 51 31.6 24.6 37.0



#4
 n-Nitrosodimethylamine
 Concen: 39.002 ng
 RT: 3.563 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: BM050050.D
 Acq: 30 Apr 2025 18:02

Tgt Ion: 42 Resp: 250266
 Ion Ratio Lower Upper
 42 100
 74 150.4 120.2 180.2
 44 7.4 6.2 9.2

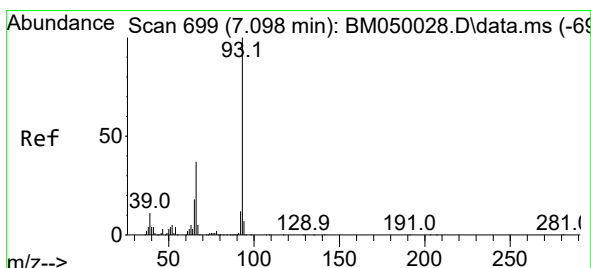
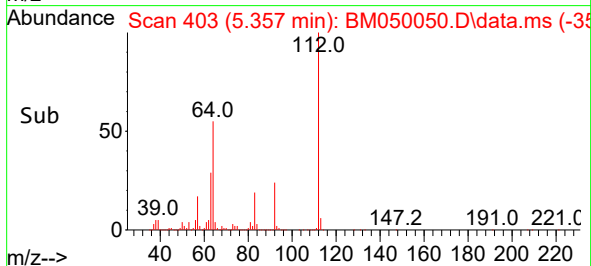
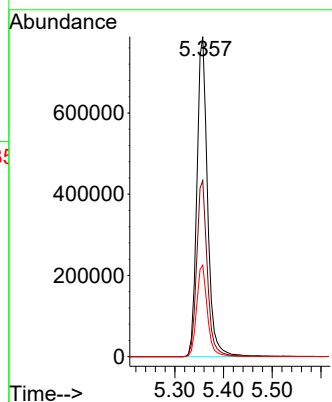
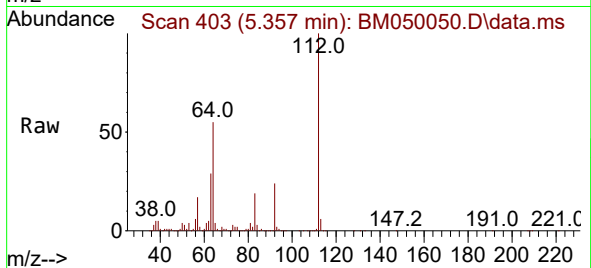




#5
2-Fluorophenol
Concen: 81.333 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050050.D
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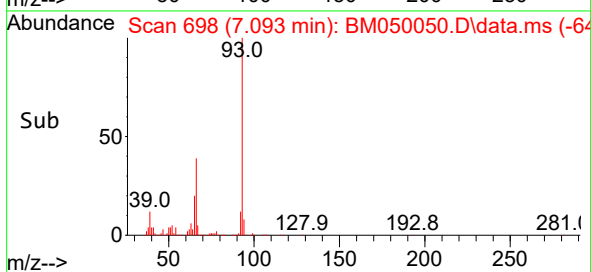
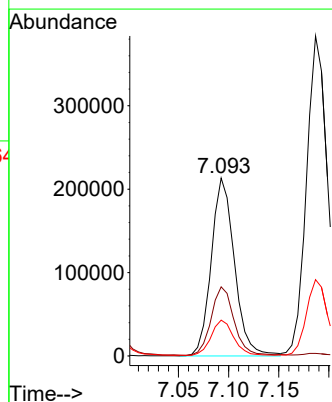
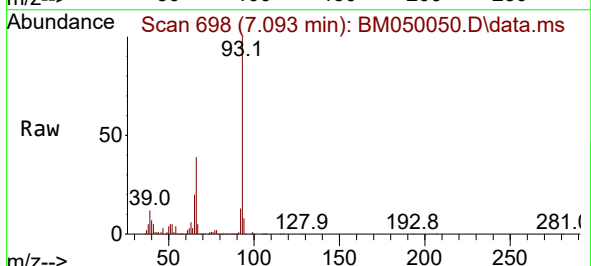
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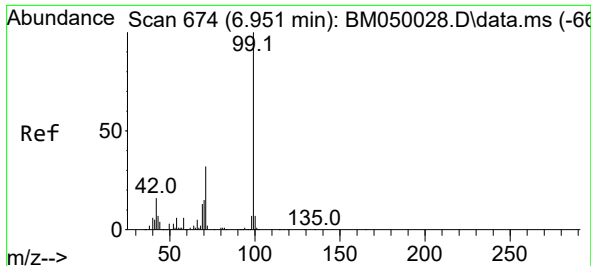
Tgt Ion:112 Resp: 1207884
Ion Ratio Lower Upper
112 100
64 55.0 42.6 64.0
63 28.6 22.2 33.4



#6
Aniline
Concen: 14.601 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion: 93 Resp: 344158
Ion Ratio Lower Upper
93 100
66 38.8 29.9 44.9
65 20.1 14.5 21.7

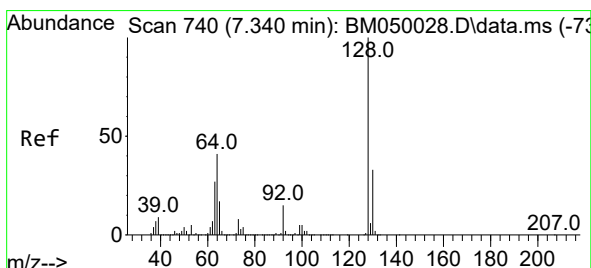
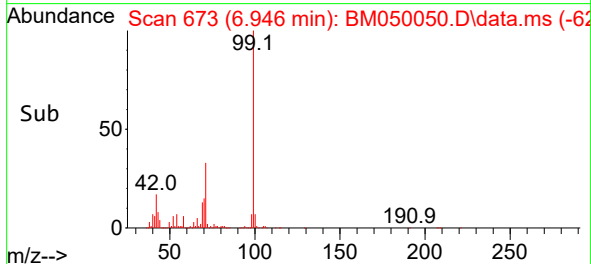
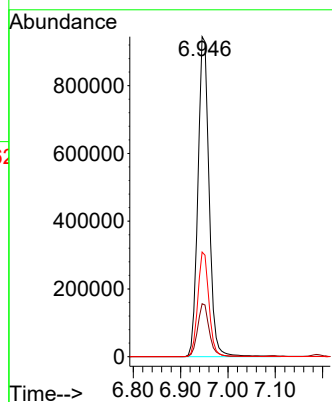
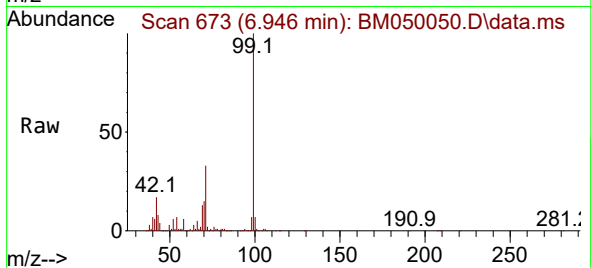




#7
Phenol-d6
Concen: 82.874 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
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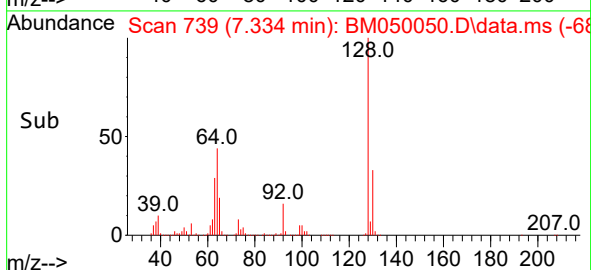
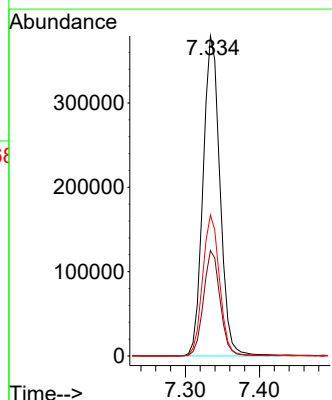
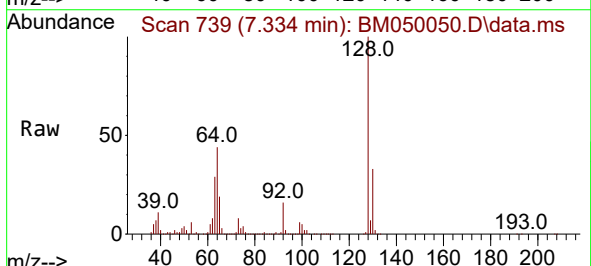
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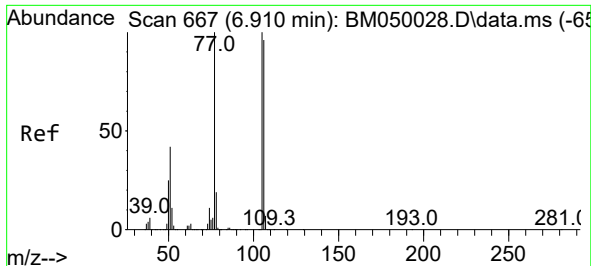
Tgt Ion: 99 Resp: 1546919
Ion Ratio Lower Upper
99 100
42 16.6 13.0 19.4
71 32.7 25.6 38.4



#8
2-Chlorophenol
Concen: 37.507 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion: 128 Resp: 602256
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 44.0 21.2 61.2

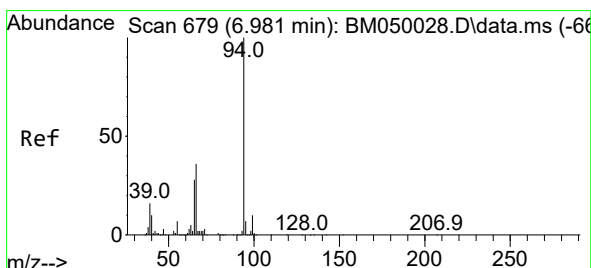
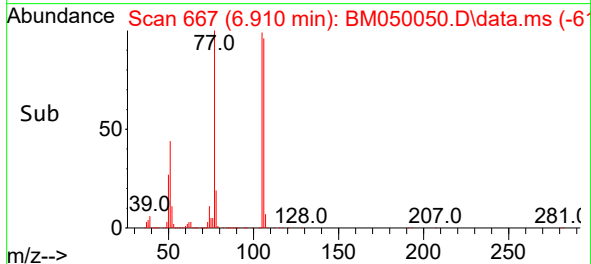
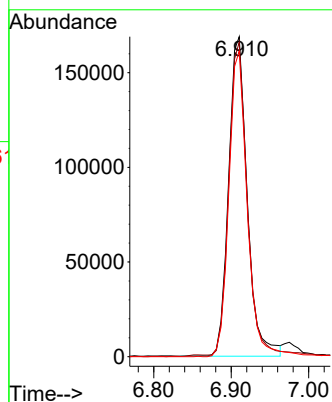
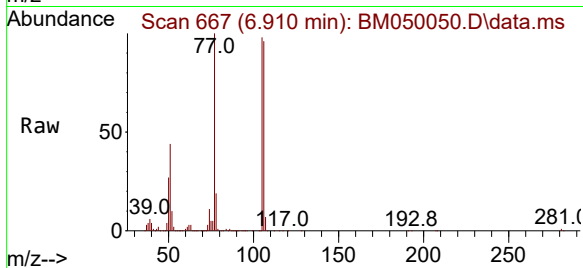




#9
Benzaldehyde
Concen: 22.558 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
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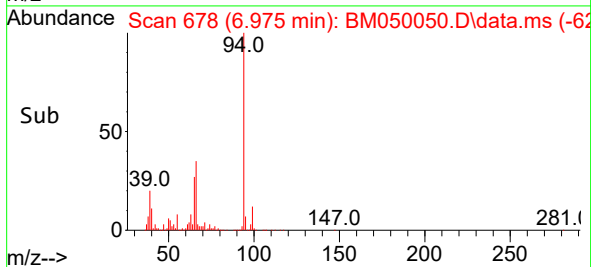
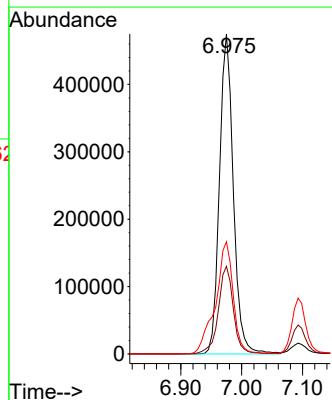
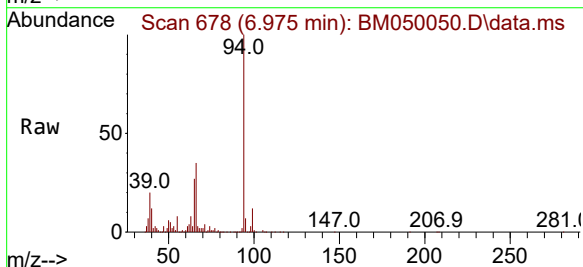
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ClientSampleId :
COMP-2MS

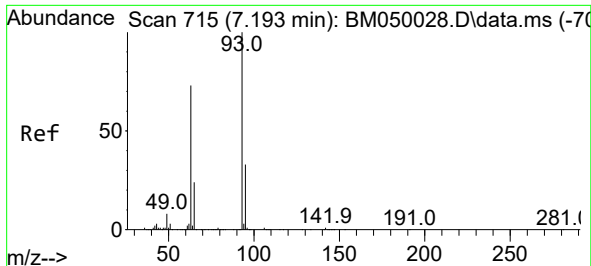
Tgt Ion: 77 Resp: 281774
Ion Ratio Lower Upper
77 100
105 98.3 80.5 120.5
106 95.5 76.1 116.1



#10
Phenol
Concen: 39.731 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion: 94 Resp: 750763
Ion Ratio Lower Upper
94 100
65 27.4 7.6 47.6
66 35.0 15.8 55.8

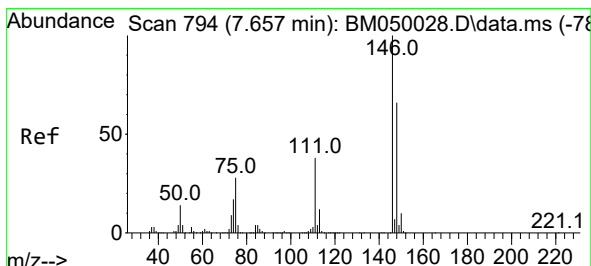
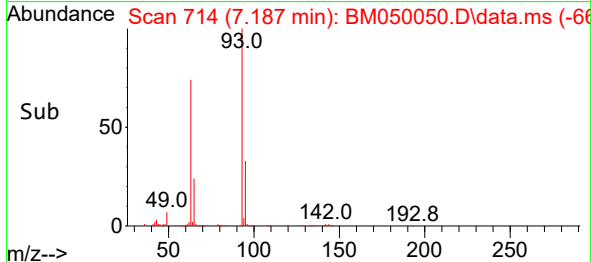
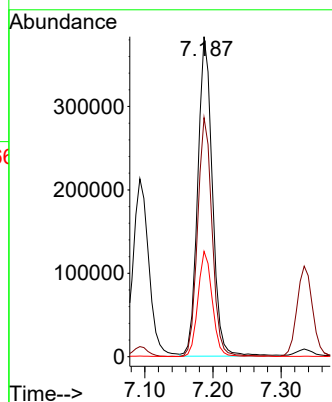
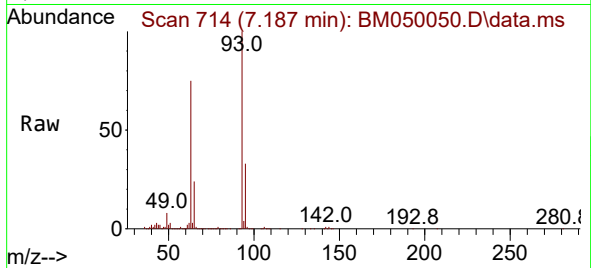




#11
bis(2-Chloroethyl)ether
Concen: 36.121 ng
RT: 7.187 min Scan# 715
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

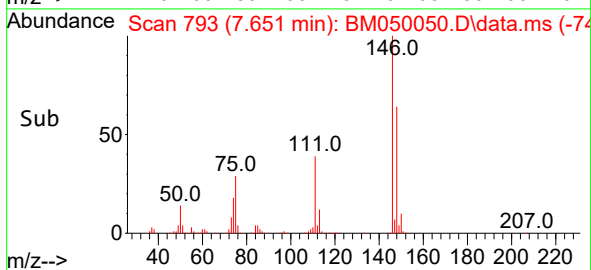
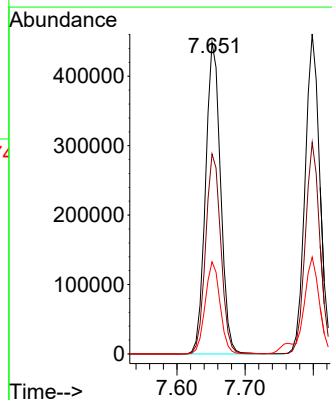
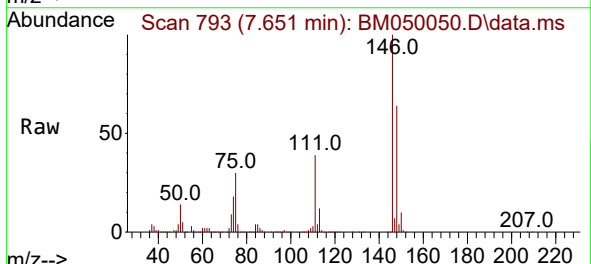
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

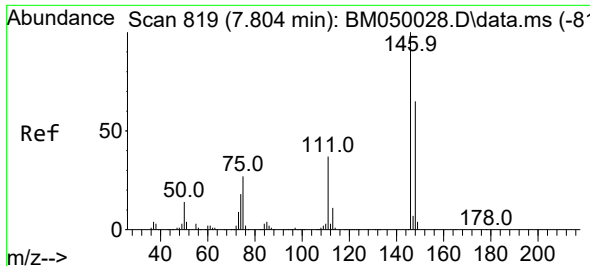
Tgt Ion: 93 Resp: 569946
Ion Ratio Lower Upper
93 100
63 74.7 52.3 92.3
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.554 ng
RT: 7.651 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:146 Resp: 689621
Ion Ratio Lower Upper
146 100
148 64.2 52.5 78.7
75 29.6 22.6 34.0

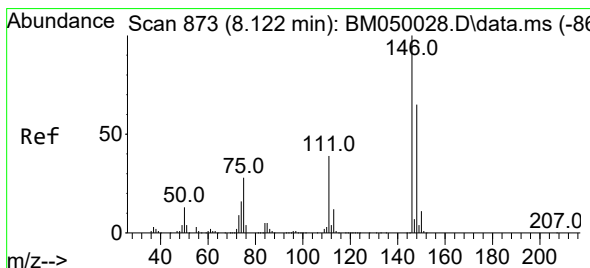
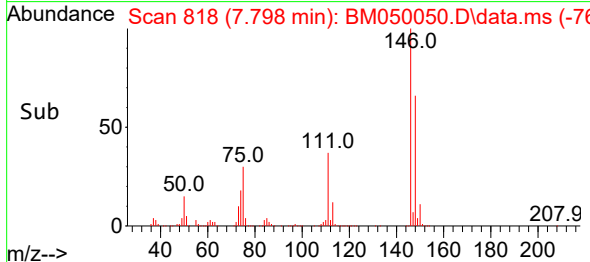
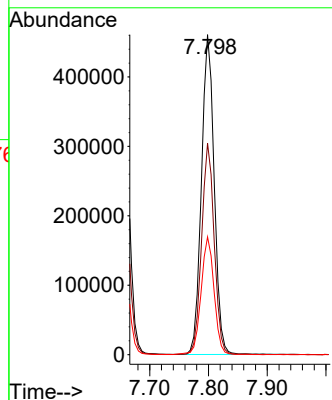
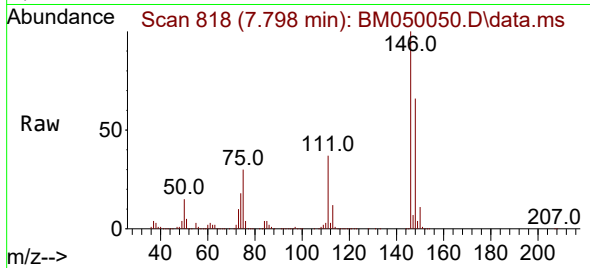




#13
1,4-Dichlorobenzene
Concen: 35.698 ng
RT: 7.798 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

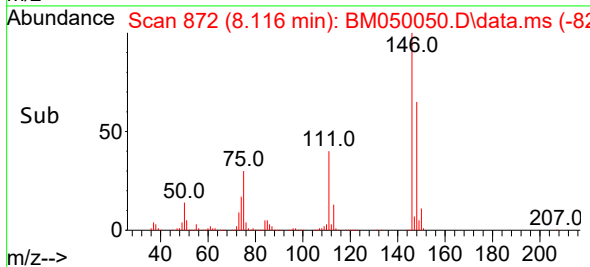
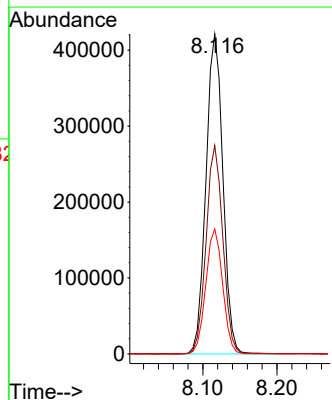
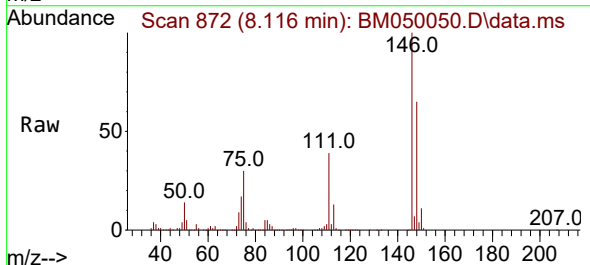
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

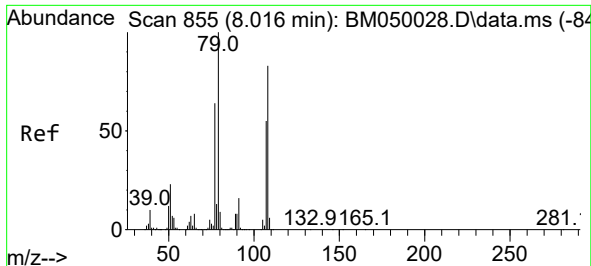
Tgt Ion:146 Resp: 695617
Ion Ratio Lower Upper
146 100
148 66.1 52.2 78.2
111 36.8 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 35.576 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:146 Resp: 669650
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
111 39.1 31.0 46.6

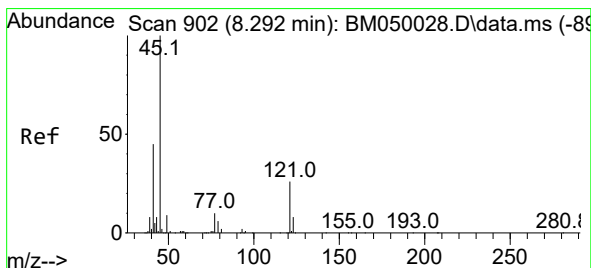
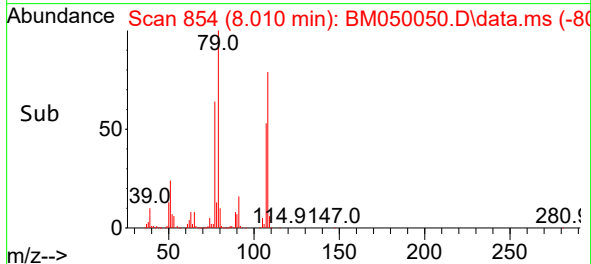
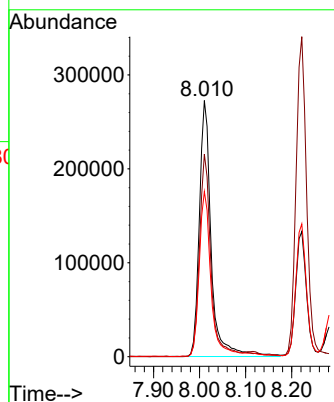
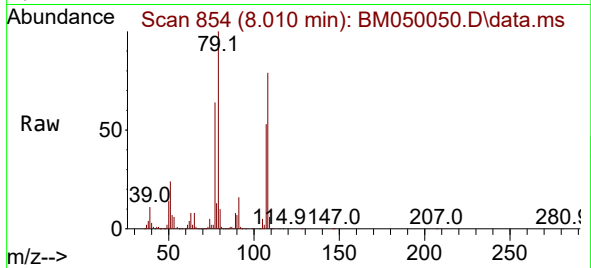




#15
Benzyl Alcohol
Concen: 37.612 ng
RT: 8.010 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

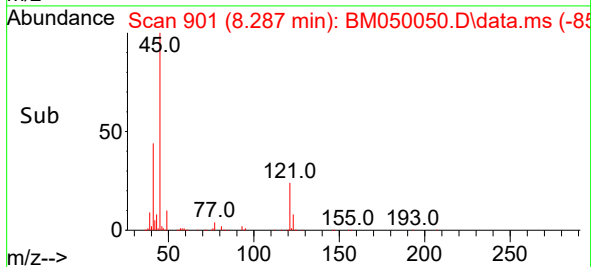
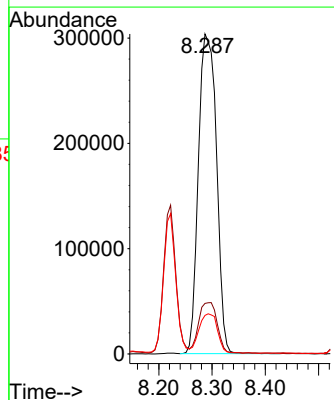
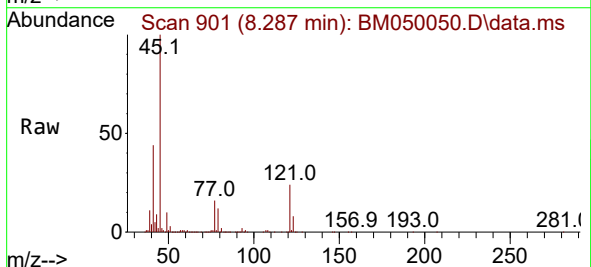
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

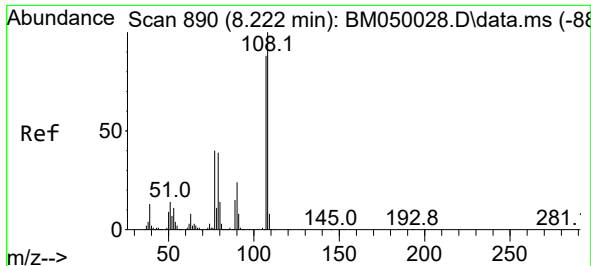
Tgt Ion: 79 Resp: 486873
Ion Ratio Lower Upper
79 100
108 79.1 66.0 99.0
77 64.5 51.6 77.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.350 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion: 45 Resp: 716370
Ion Ratio Lower Upper
45 100
77 15.8 0.0 36.4
79 12.1 0.0 32.7

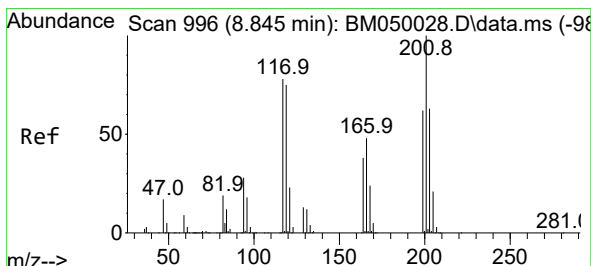
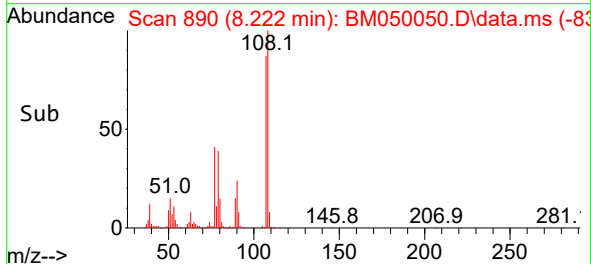
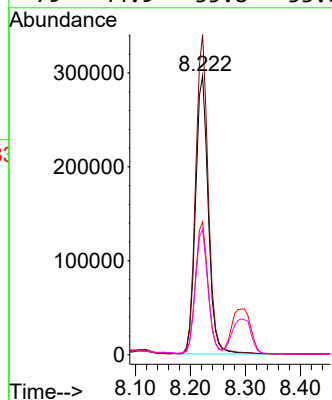
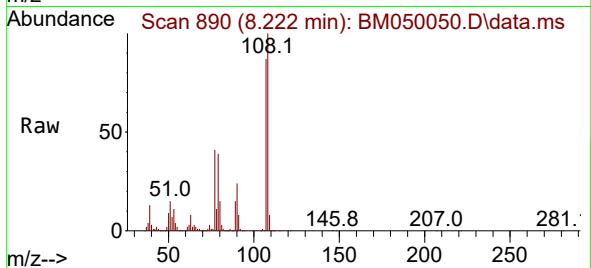




#17
2-Methylphenol
Concen: 38.062 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

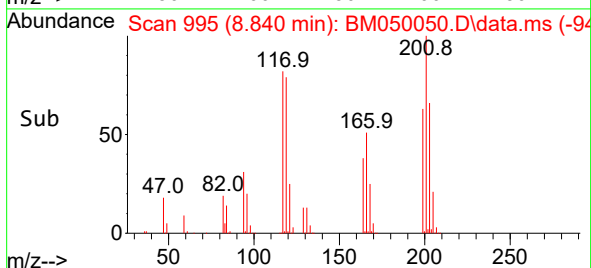
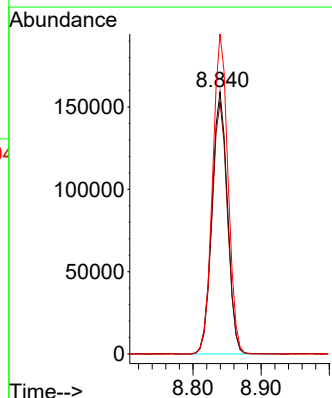
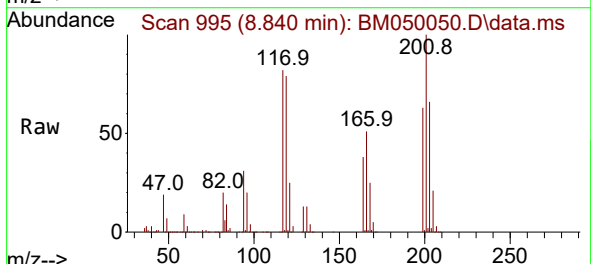
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

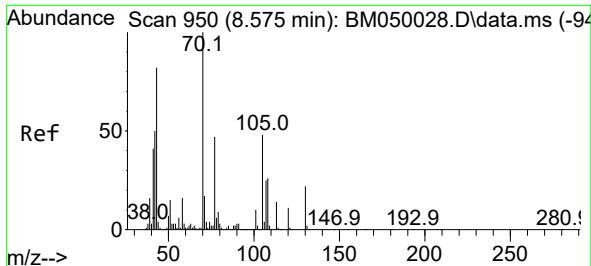
Tgt Ion:107 Resp: 473814
Ion Ratio Lower Upper
107 100
108 114.7 91.1 136.7
77 47.6 36.2 54.4
79 44.9 35.8 53.8



#18
Hexachloroethane
Concen: 36.392 ng
RT: 8.840 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:117 Resp: 252087
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
201 122.1 102.8 154.2

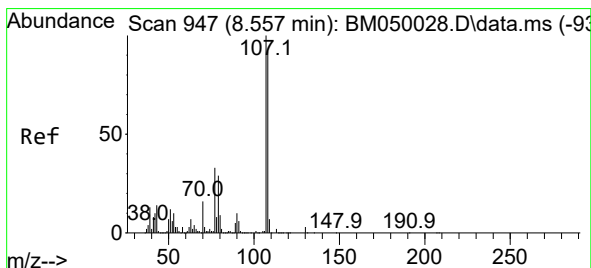
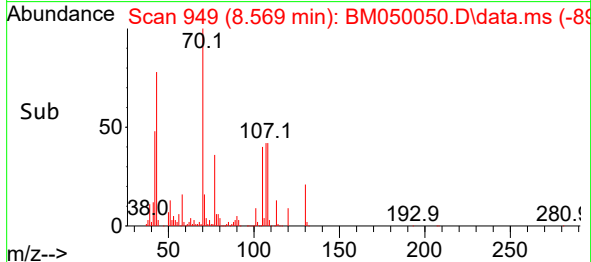
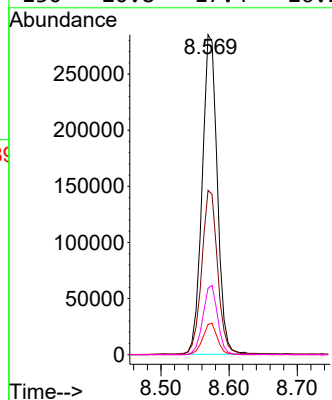
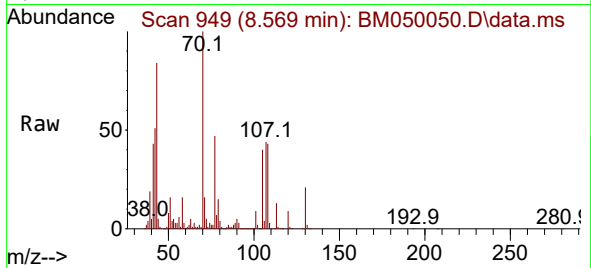




#19
n-Nitroso-di-n-propylamine
Concen: 36.766 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

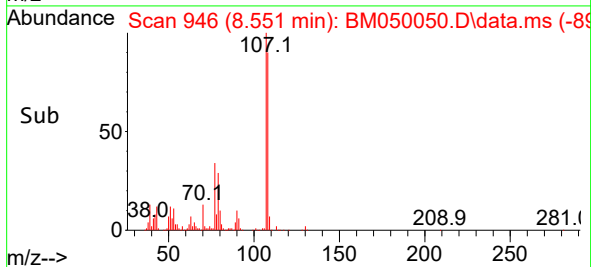
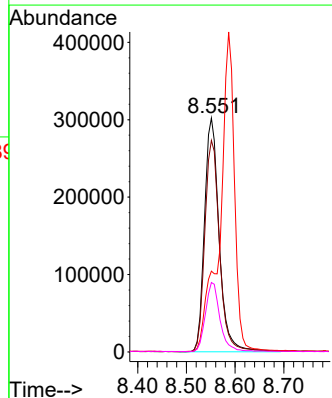
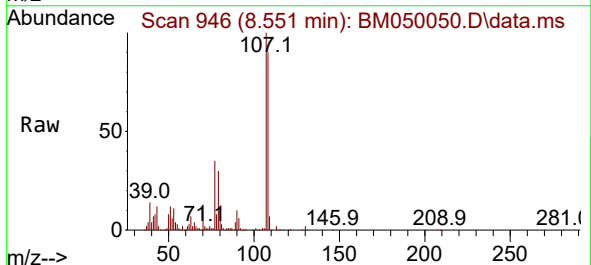
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

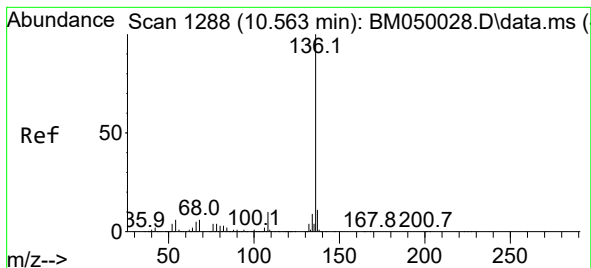
Tgt Ion: 70 Resp: 440140
Ion Ratio Lower Upper
70 100
42 51.4 40.5 60.7
101 9.4 7.8 11.6
130 20.8 17.4 26.2



#20
3+4-Methylphenols
Concen: 37.340 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion: 107 Resp: 627710
Ion Ratio Lower Upper
107 100
108 90.5 72.4 112.4
77 34.5 13.6 53.6
79 29.7 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: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

Tgt Ion:136 Resp: 924881

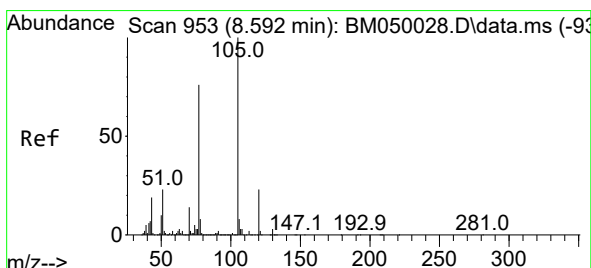
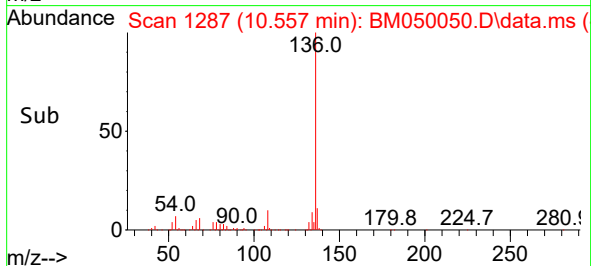
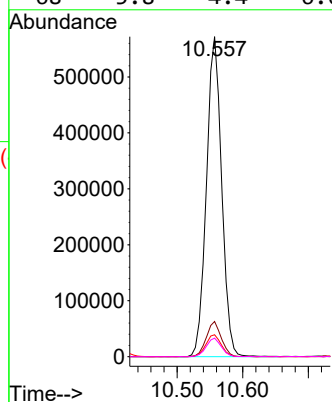
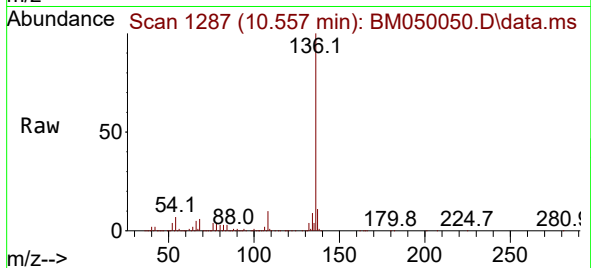
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 5.1 7.7

68 5.8 4.4 6.6



#22

Acetophenone

Concen: 37.324 ng

RT: 8.587 min Scan# 952

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Tgt Ion:105 Resp: 858227

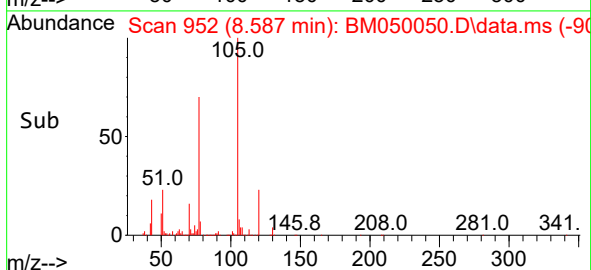
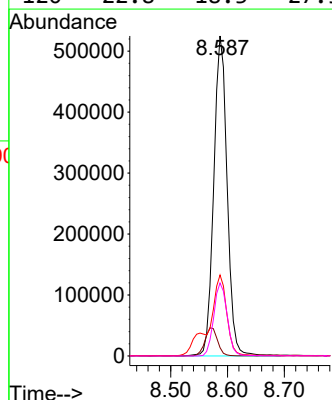
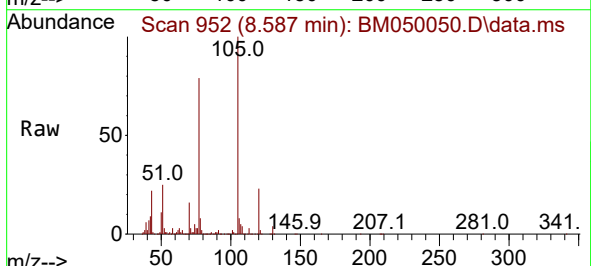
Ion Ratio Lower Upper

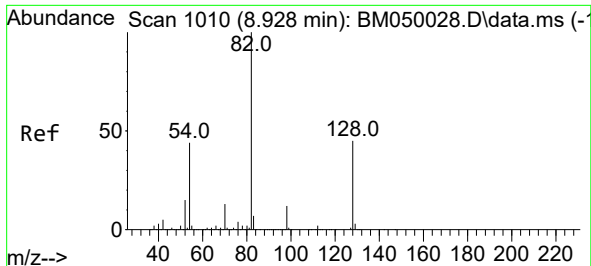
105 100

71 2.6 1.7 2.5#

51 25.3 18.6 27.8

120 22.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 48.428 ng

RT: 8.922 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

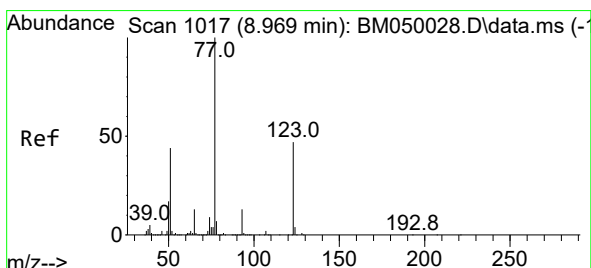
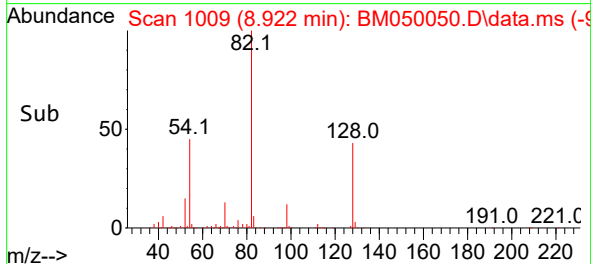
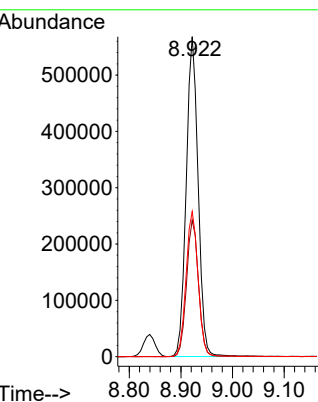
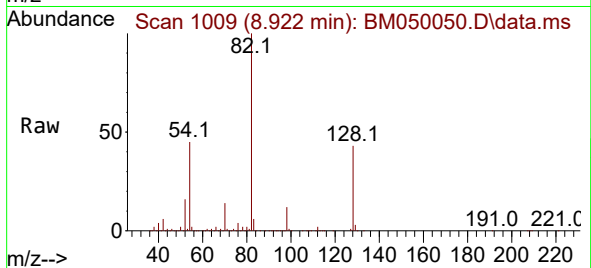
Tgt Ion: 82 Resp: 908964

Ion Ratio Lower Upper

82 100

128 42.7 35.7 53.5

54 45.4 35.4 53.2



#24

Nitrobenzene

Concen: 38.213 ng

RT: 8.963 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

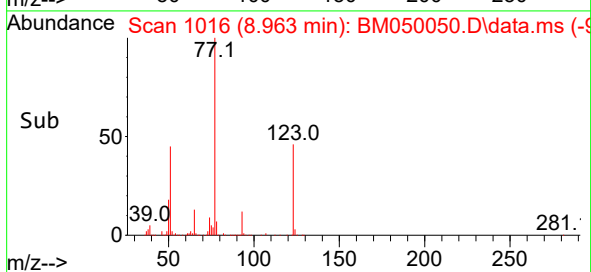
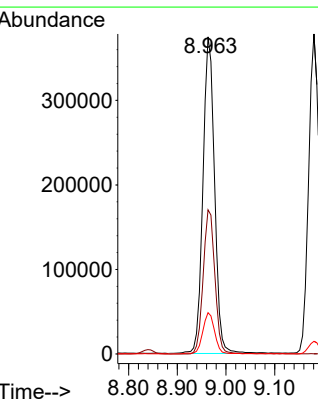
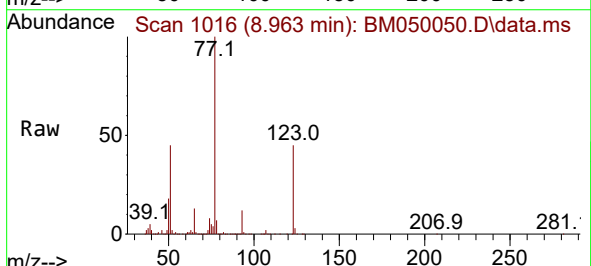
Tgt Ion: 77 Resp: 620157

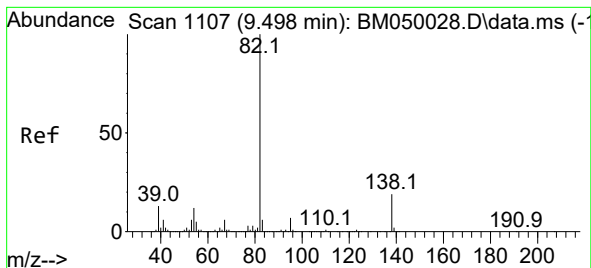
Ion Ratio Lower Upper

77 100

123 45.4 37.9 56.9

65 13.0 10.1 15.1





#25

Isophorone

Concen: 36.049 ng

RT: 9.492 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

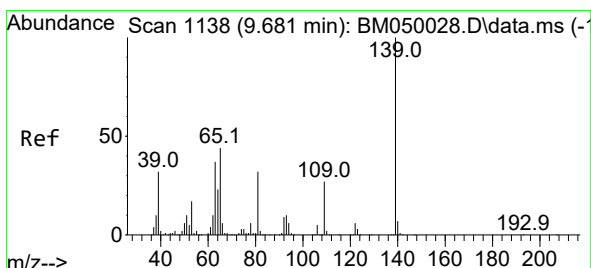
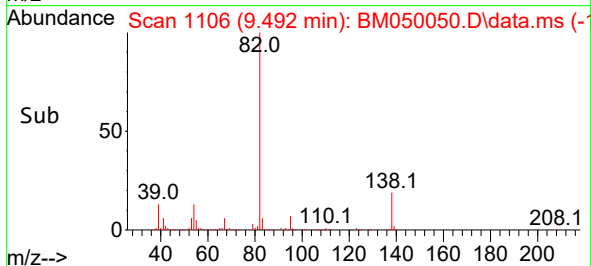
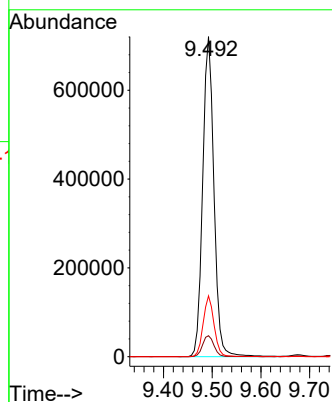
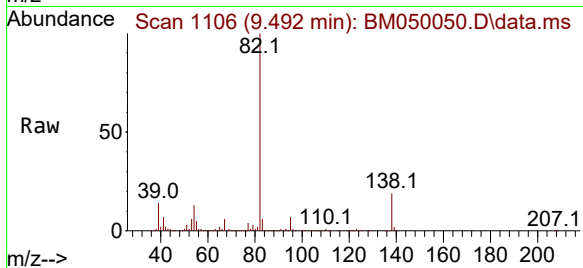
Tgt Ion: 82 Resp: 1153347

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

138 19.0 15.5 23.3



#26

2-Nitrophenol

Concen: 37.391 ng

RT: 9.675 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

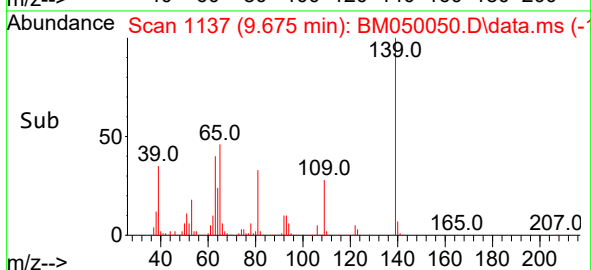
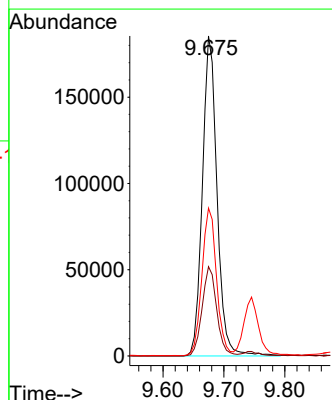
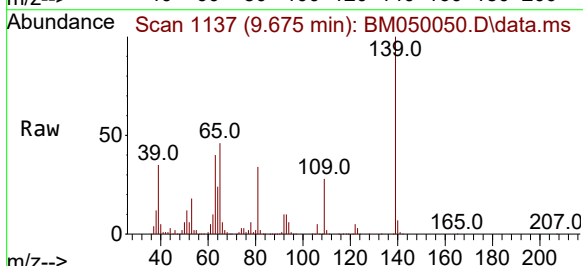
Tgt Ion:139 Resp: 310010

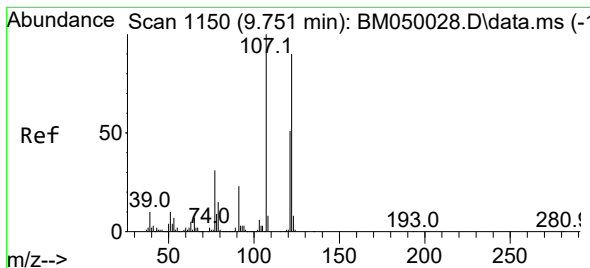
Ion Ratio Lower Upper

139 100

109 27.9 21.9 32.9

65 46.2 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 38.246 ng

RT: 9.745 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

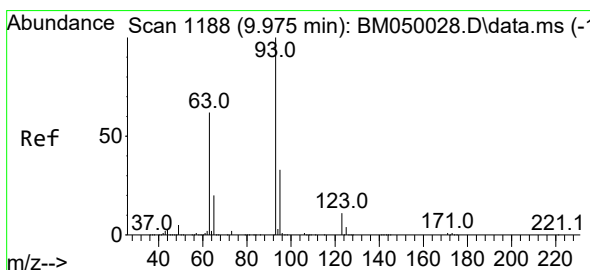
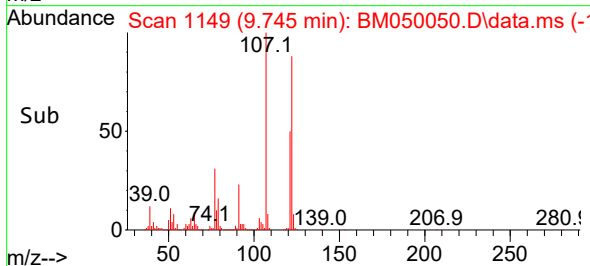
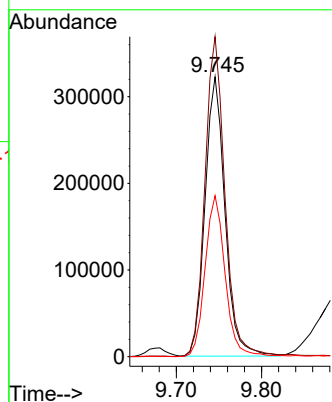
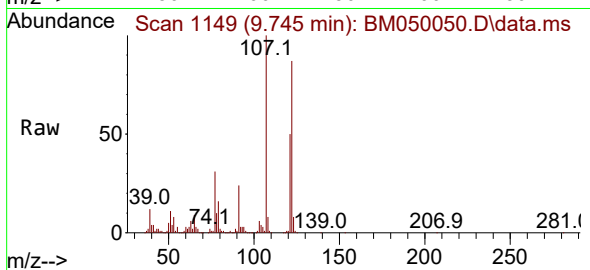
Tgt Ion:122 Resp: 525861

Ion Ratio Lower Upper

122 100

107 114.3 89.0 133.6

121 57.5 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.203 ng

RT: 9.969 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

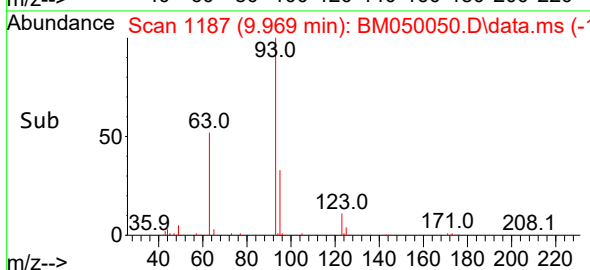
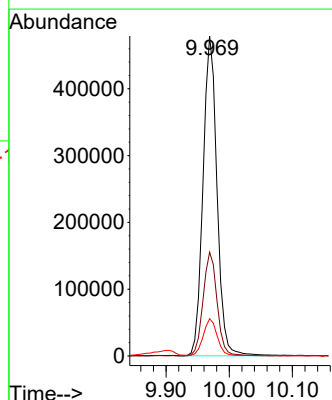
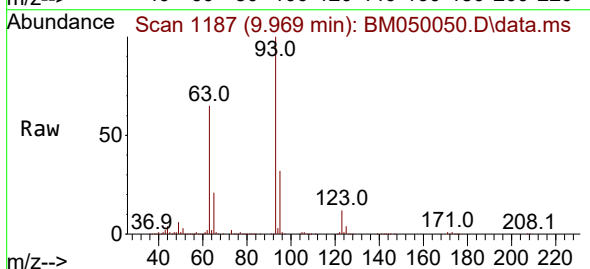
Tgt Ion: 93 Resp: 735675

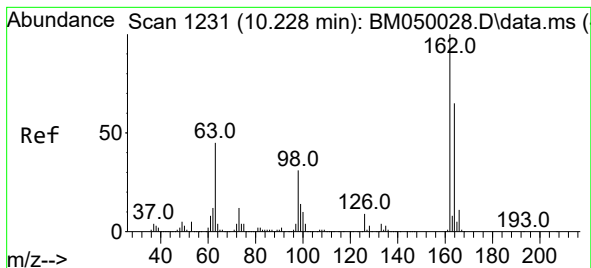
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 37.813 ng

RT: 10.228 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

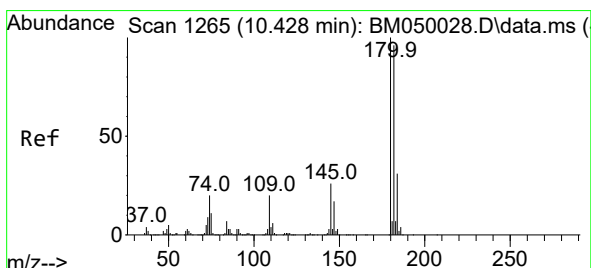
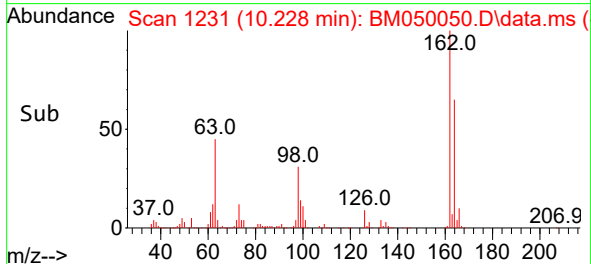
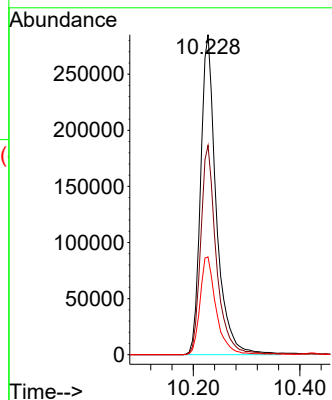
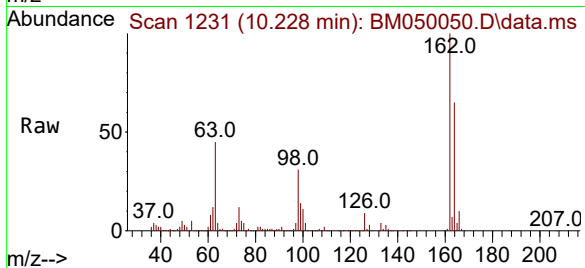
Tgt Ion:162 Resp: 582452

Ion Ratio Lower Upper

162 100

164 65.4 45.4 85.4

98 30.6 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 36.208 ng

RT: 10.422 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

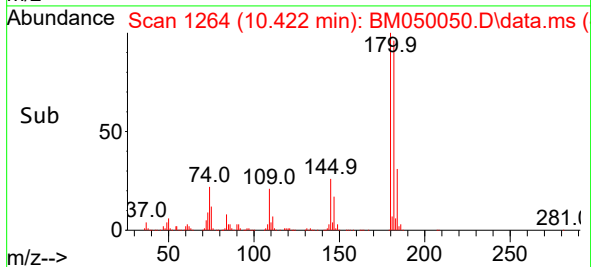
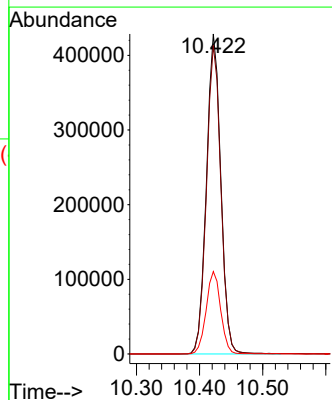
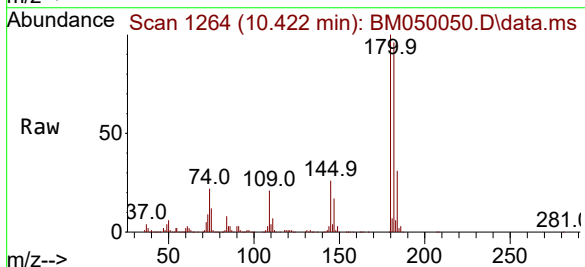
Tgt Ion:180 Resp: 679512

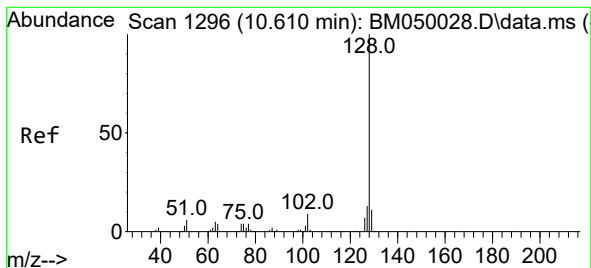
Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.4

145 25.8 20.6 30.8

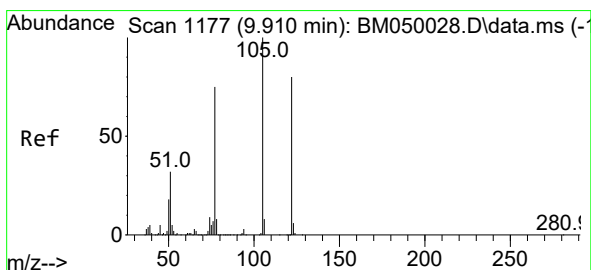
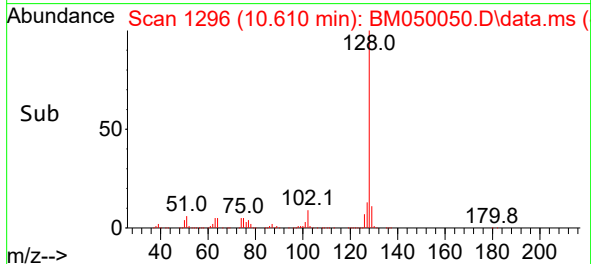
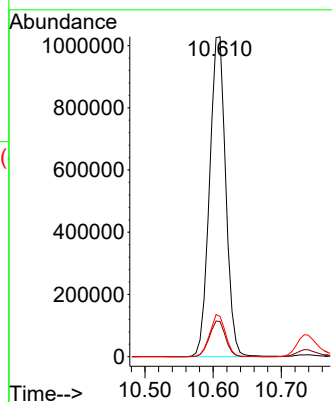
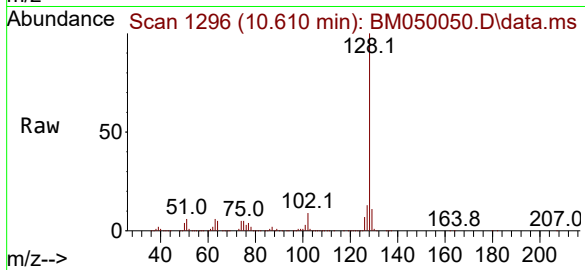




#31
Naphthalene
Concen: 36.410 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

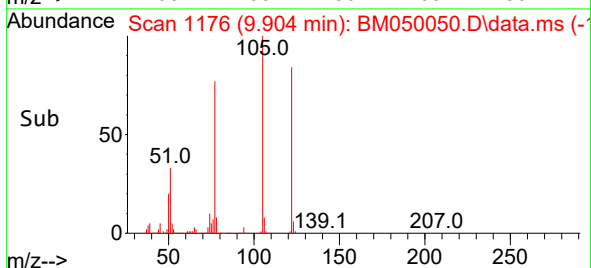
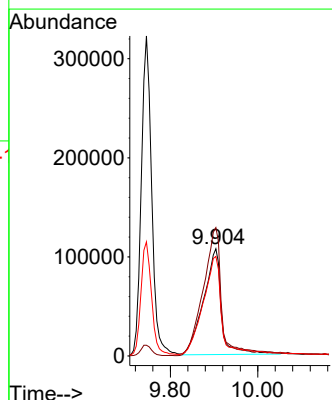
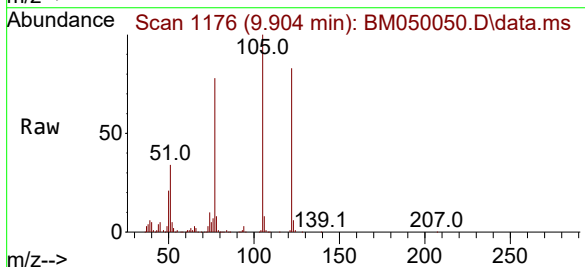
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

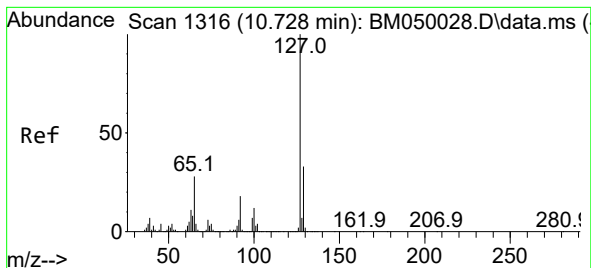
Tgt Ion:128 Resp: 1705377
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 34.788 ng
RT: 9.904 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:122 Resp: 305918
Ion Ratio Lower Upper
122 100
105 119.8 103.6 143.6
77 92.9 73.7 113.7





#33

4-Chloroaniline

Concen: 8.519 ng

RT: 10.734 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

Tgt Ion:127 Resp: 163553

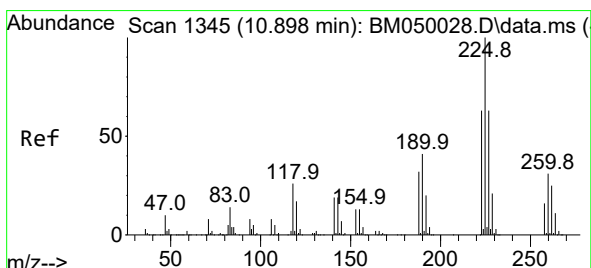
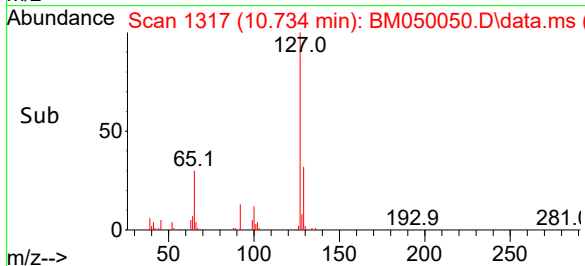
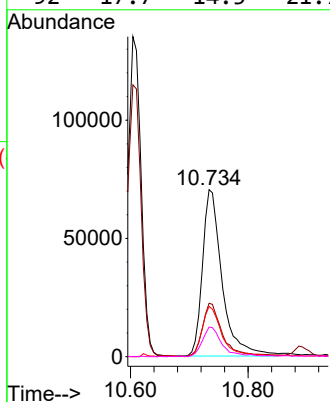
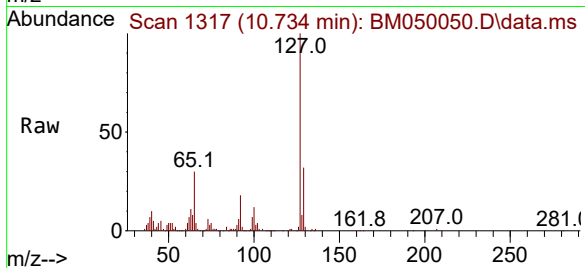
Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 30.0 22.5 33.7

92 17.7 14.5 21.7



#34

Hexachlorobutadiene

Concen: 35.977 ng

RT: 10.892 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

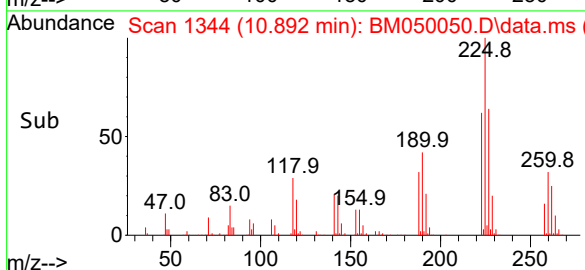
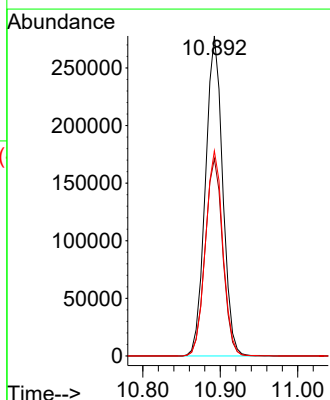
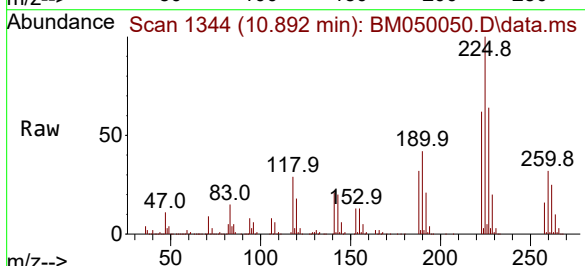
Tgt Ion:225 Resp: 428582

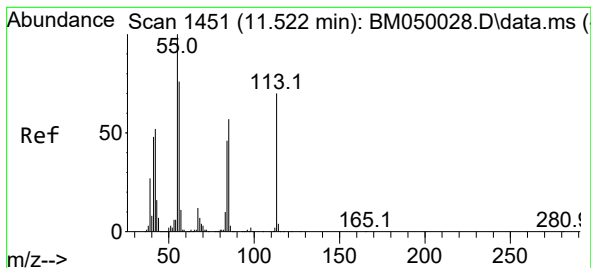
Ion Ratio Lower Upper

225 100

223 61.7 50.2 75.2

227 64.1 50.6 76.0

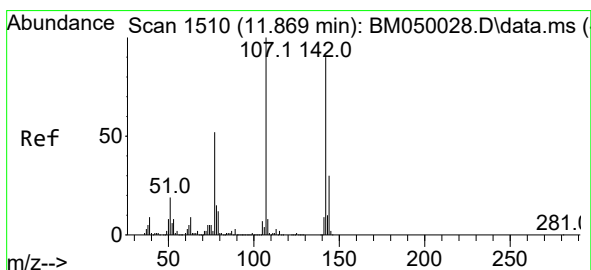
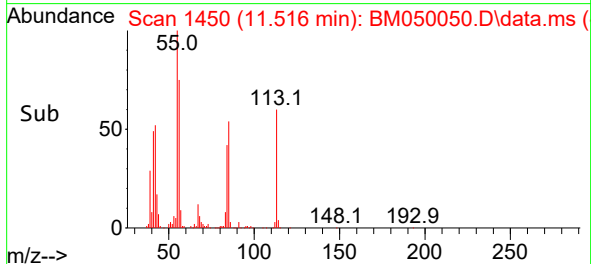
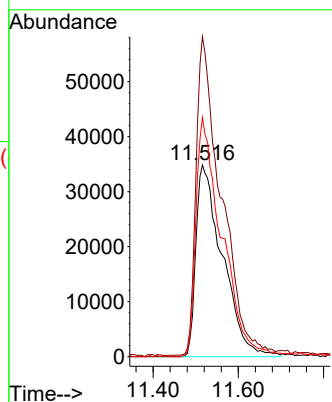
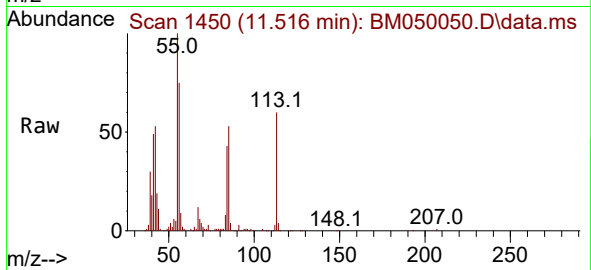




#35
Caprolactam
Concen: 33.463 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

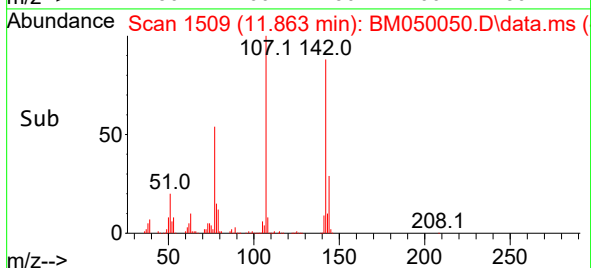
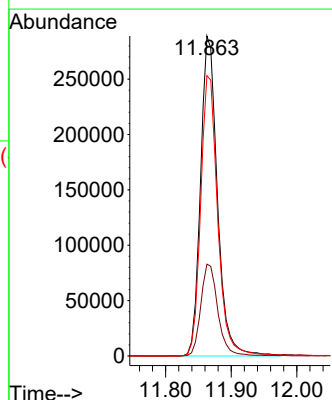
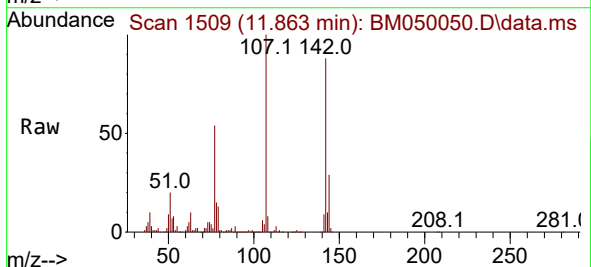
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

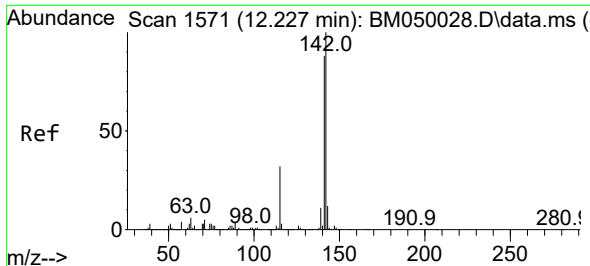
Tgt Ion:113 Resp: 150290
Ion Ratio Lower Upper
113 100
55 167.0 122.9 162.9#
56 124.8 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 36.432 ng
RT: 11.863 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:107 Resp: 518459
Ion Ratio Lower Upper
107 100
144 28.7 23.8 35.6
142 87.6 71.9 107.9

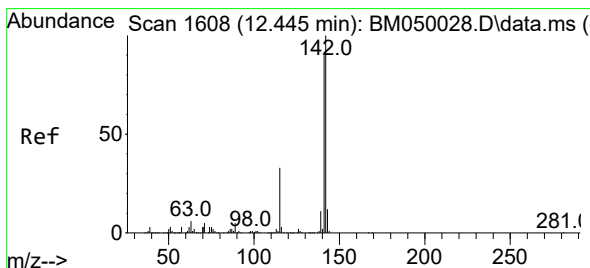
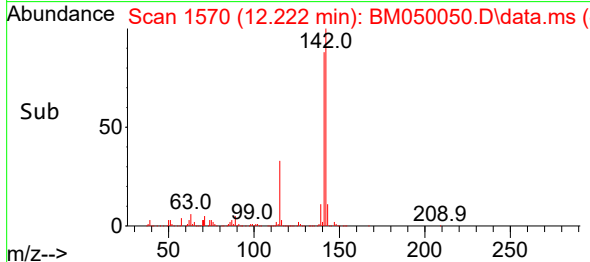
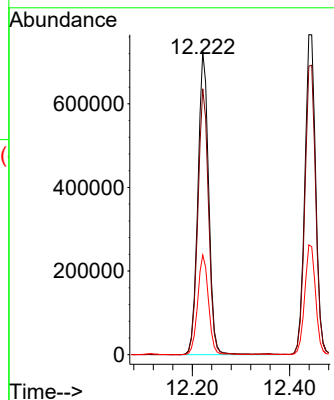
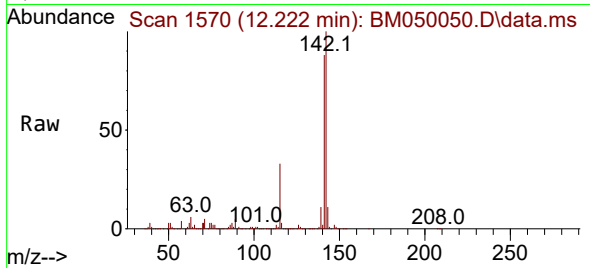




#37
2-Methylnaphthalene
Concen: 35.696 ng
RT: 12.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

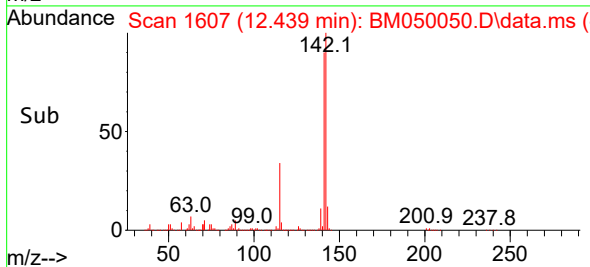
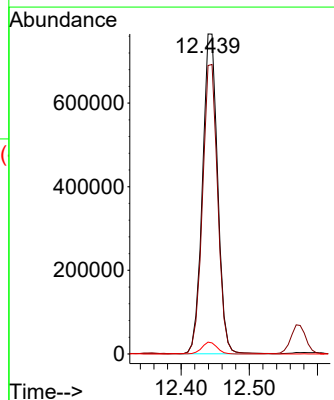
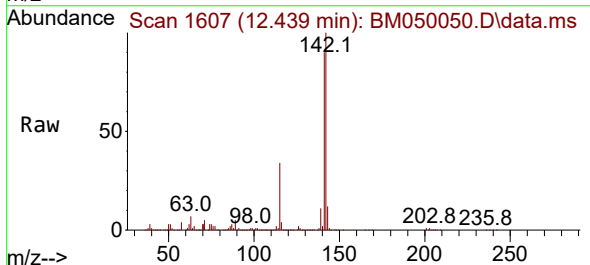
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

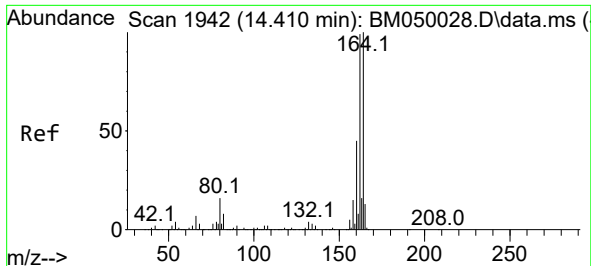
Tgt Ion:142 Resp: 1120965
Ion Ratio Lower Upper
142 100
141 87.7 70.4 105.6
115 32.9 25.4 38.2



#38
1-Methylnaphthalene
Concen: 35.590 ng
RT: 12.439 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:142 Resp: 1182761
Ion Ratio Lower Upper
142 100
141 90.2 72.1 108.1
116 3.7 2.7 4.1

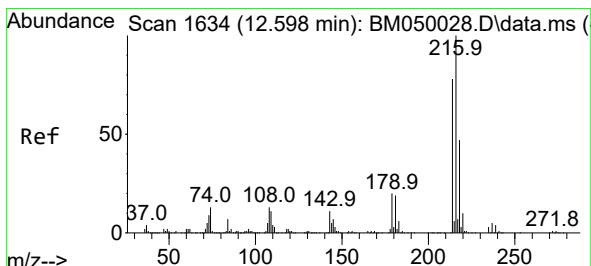
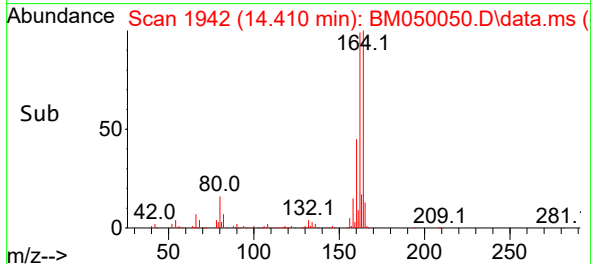
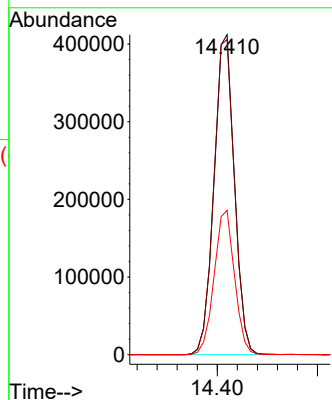
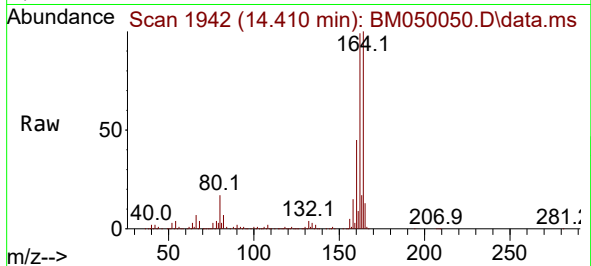




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

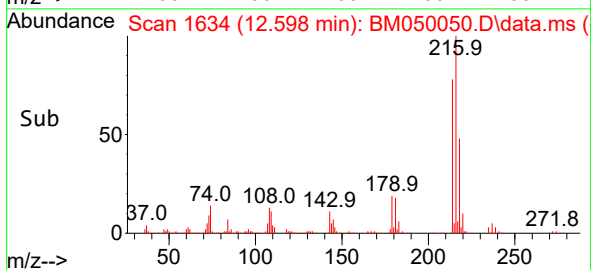
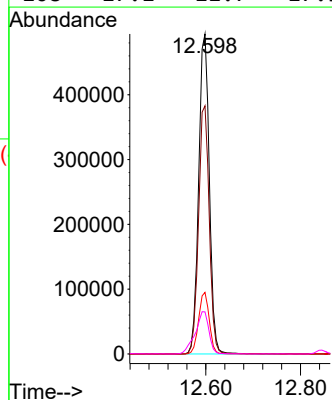
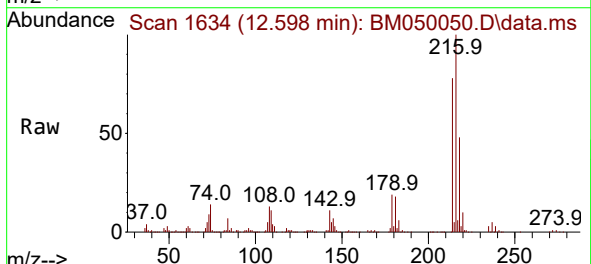
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

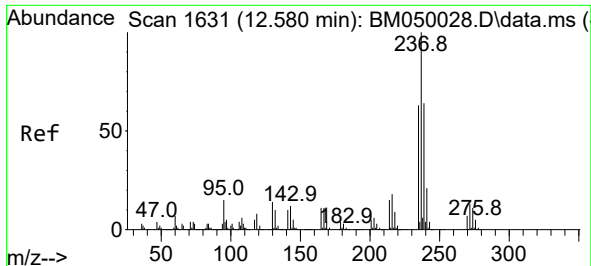
Tgt Ion:164 Resp: 580714
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 45.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.308 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:216 Resp: 770104
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 19.3 15.4 23.0
108 17.1 11.7 17.5

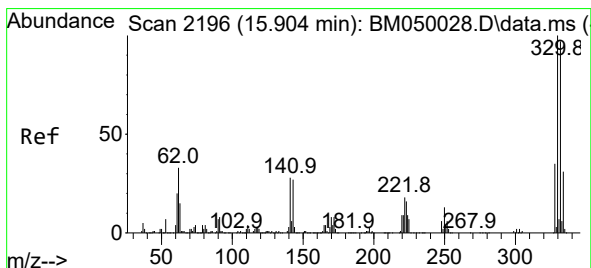
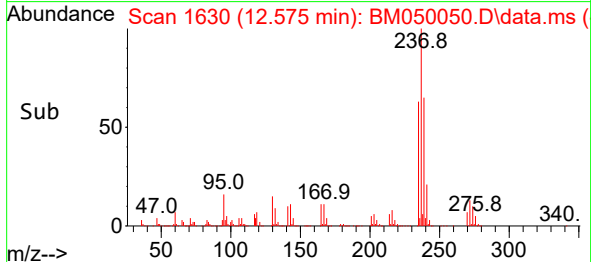
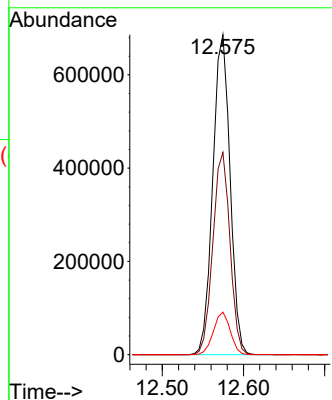
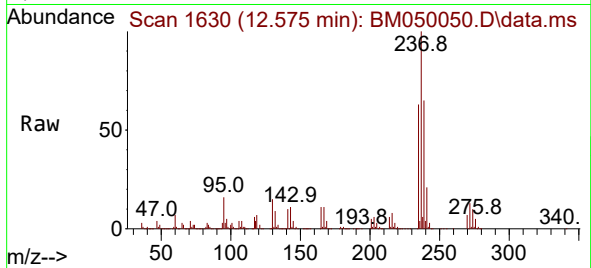




#41
Hexachlorocyclopentadiene
Concen: 82.486 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

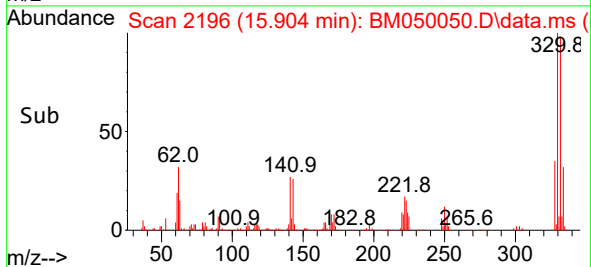
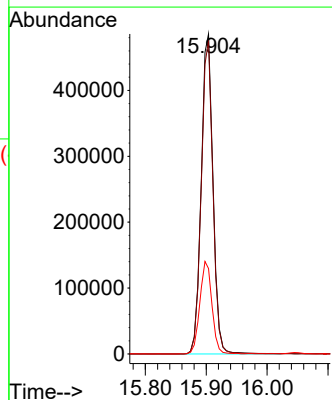
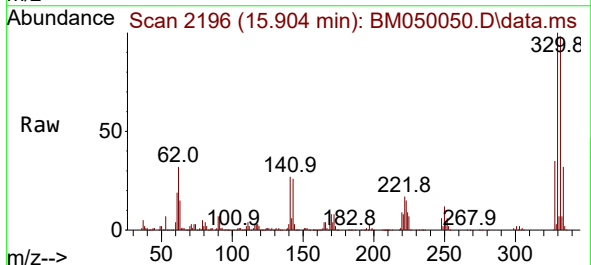
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

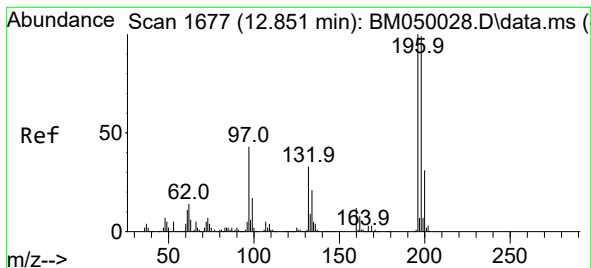
Tgt Ion:237 Resp: 1013360
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 76.028 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:330 Resp: 652828
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 29.7 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 38.428 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

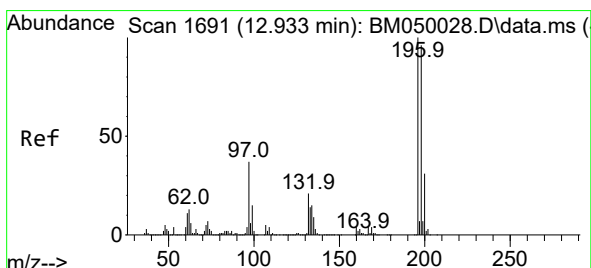
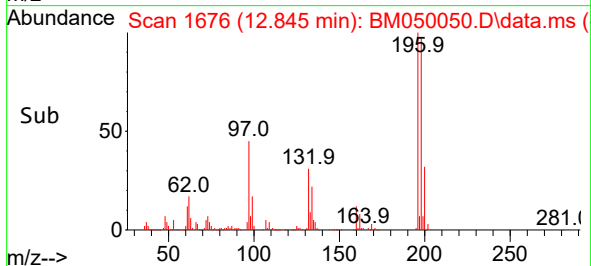
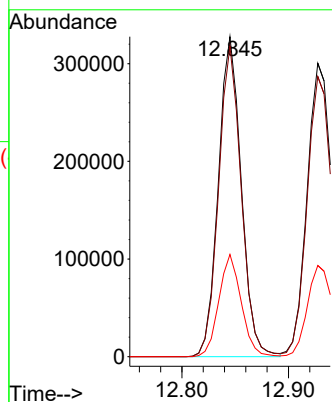
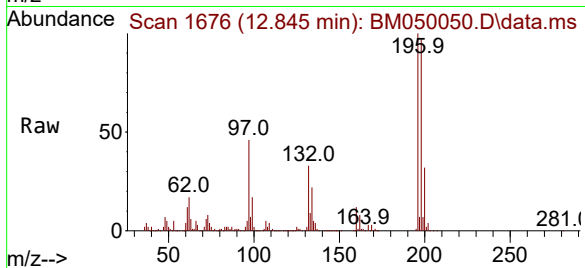
Tgt Ion:196 Resp: 489977

Ion Ratio Lower Upper

196 100

198 97.0 79.0 118.6

200 32.0 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 38.292 ng

RT: 12.928 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Tgt Ion:196 Resp: 526488

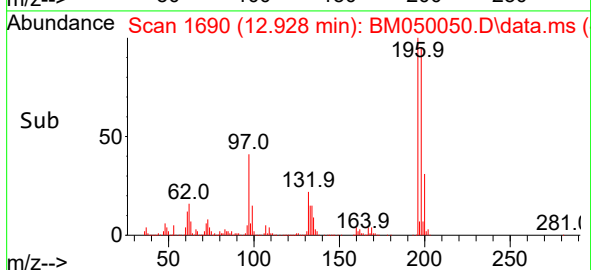
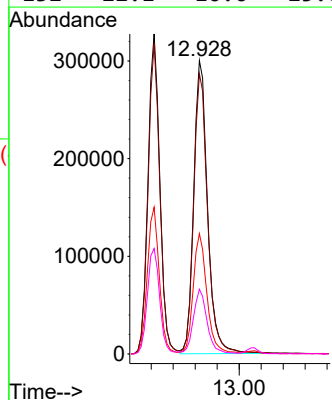
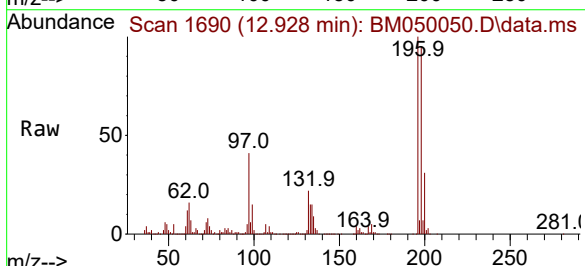
Ion Ratio Lower Upper

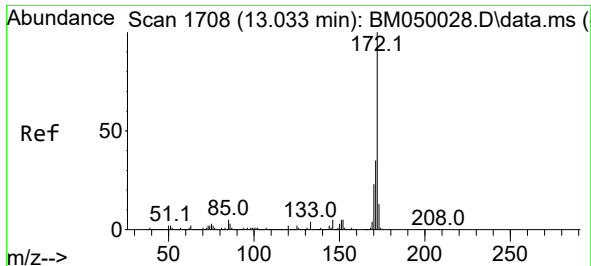
196 100

198 95.5 76.7 115.1

97 41.0 30.1 45.1

132 22.1 16.6 25.0

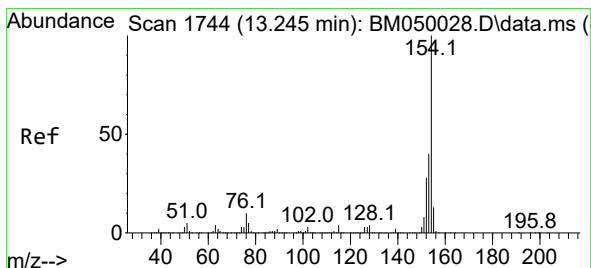
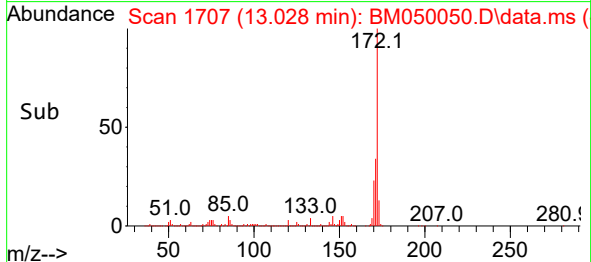
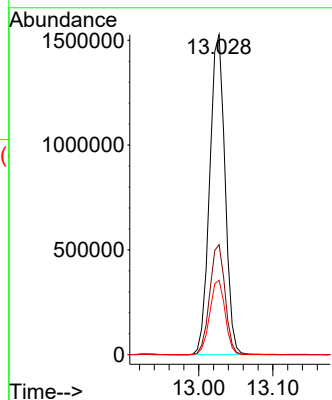
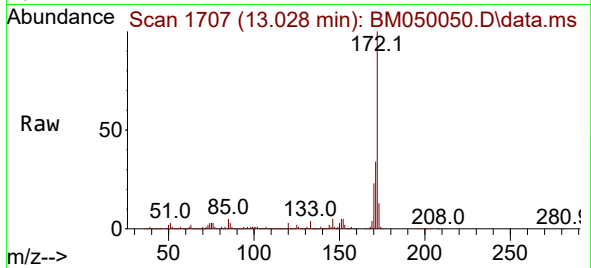




#45
2-Fluorobiphenyl
Concen: 44.655 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

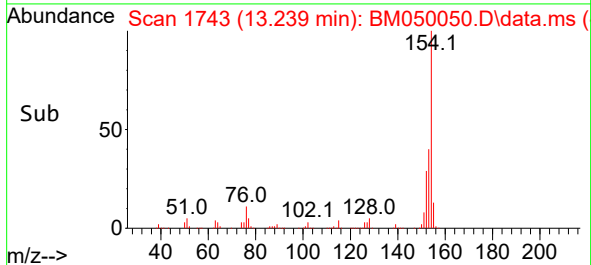
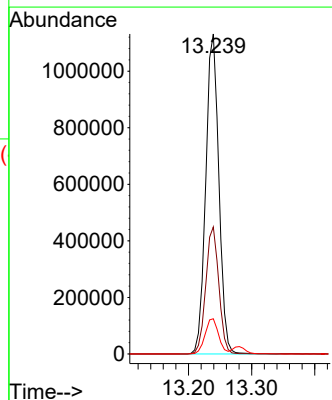
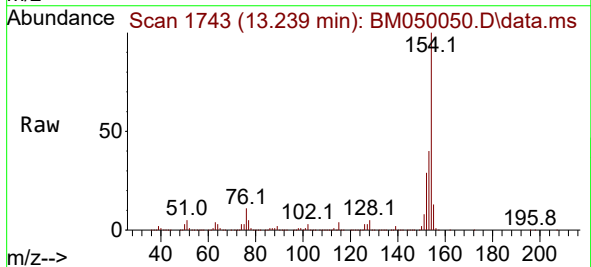
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

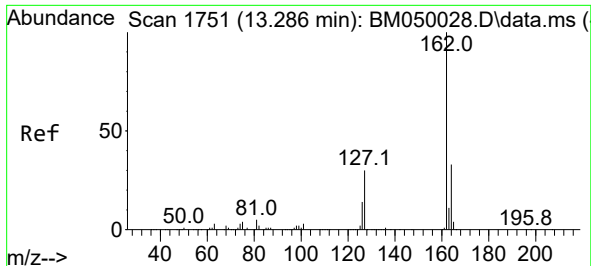
Tgt Ion:172 Resp: 2192086
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 37.755 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:154 Resp: 1629799
Ion Ratio Lower Upper
154 100
153 39.7 20.0 60.0
76 11.0 0.0 30.3

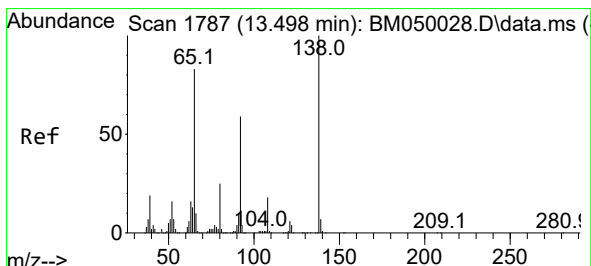
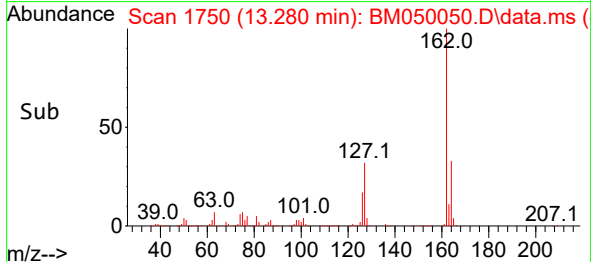
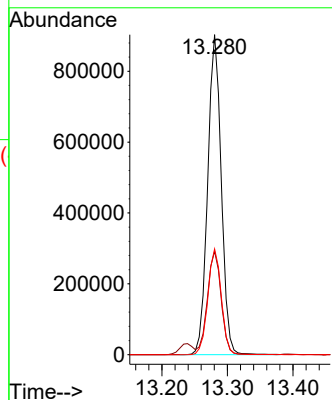
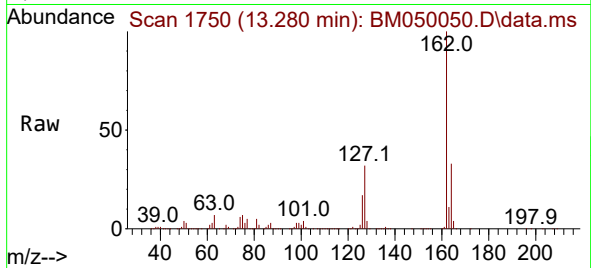




#47
2-Chloronaphthalene
Concen: 38.087 ng
RT: 13.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

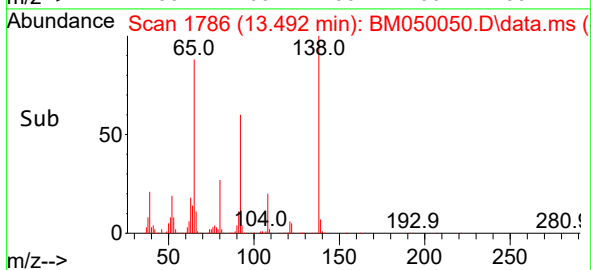
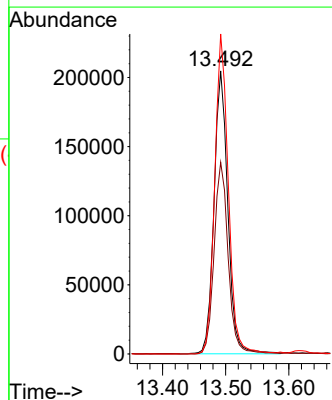
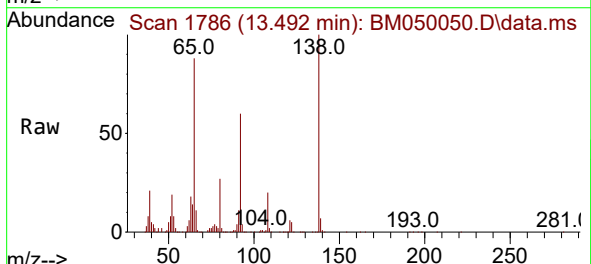
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

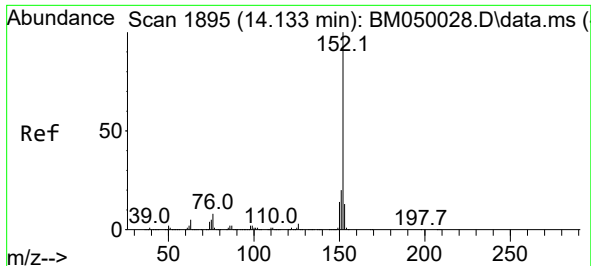
Tgt Ion:162 Resp: 1302160
Ion Ratio Lower Upper
162 100
127 32.3 25.9 38.9
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 38.748 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion: 65 Resp: 310914
Ion Ratio Lower Upper
65 100
92 67.7 57.1 85.7
138 113.1 97.0 145.4

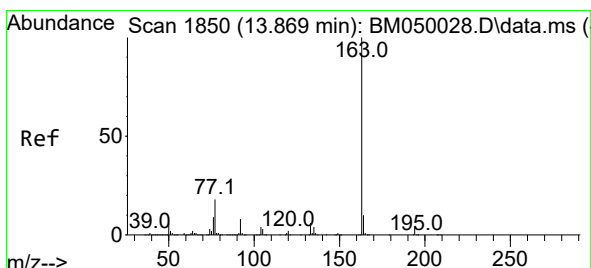
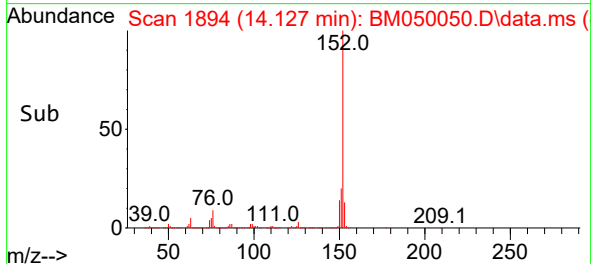
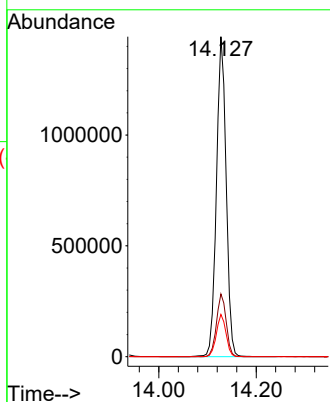
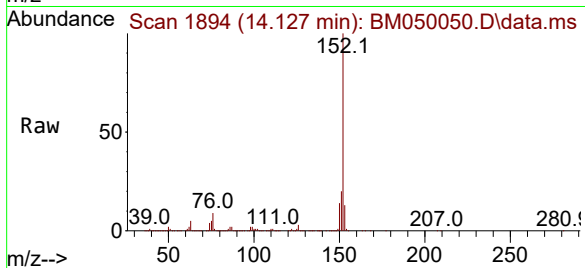




#49
Acenaphthylene
Concen: 37.072 ng
RT: 14.127 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

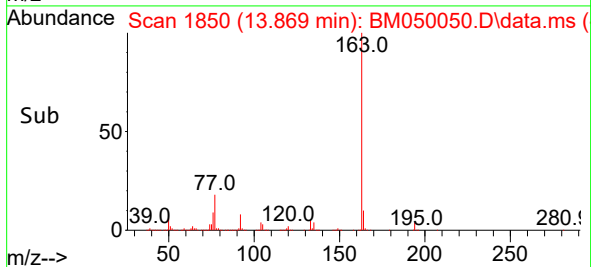
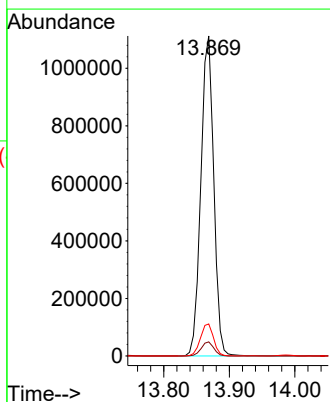
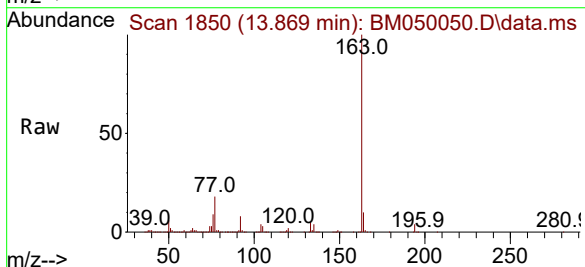
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

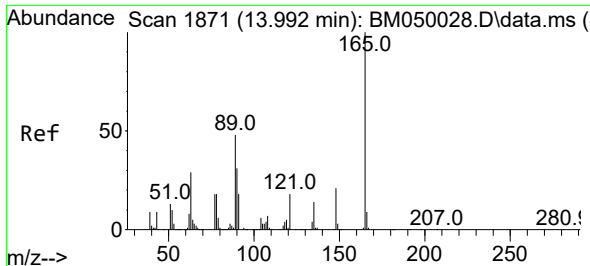
Tgt Ion:152 Resp: 1998341
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 35.937 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:163 Resp: 1525141
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.0 8.2 12.2

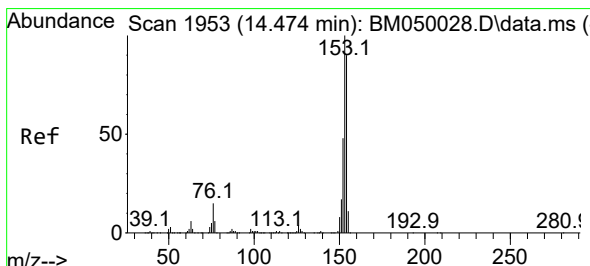
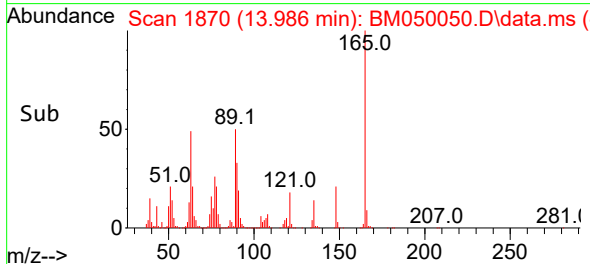
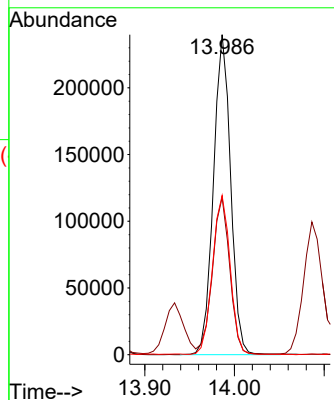
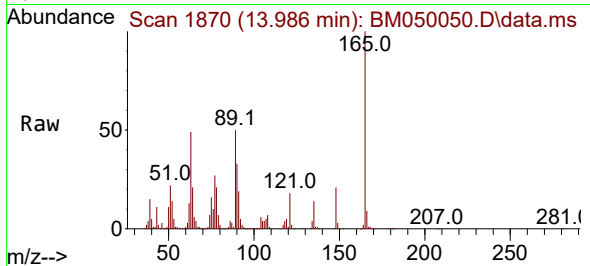




#51
2,6-Dinitrotoluene
Concen: 36.346 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

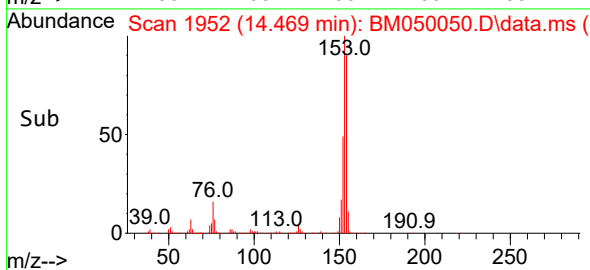
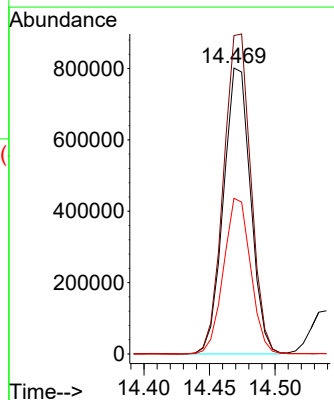
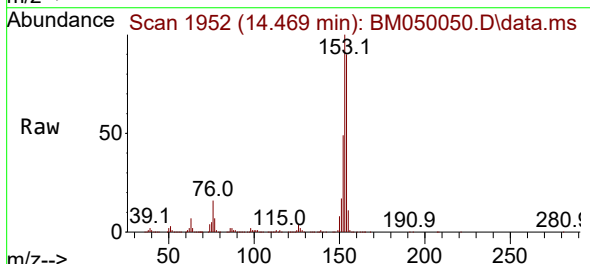
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

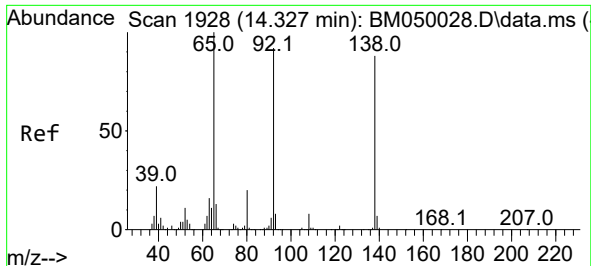
Tgt Ion:165 Resp: 319365
Ion Ratio Lower Upper
165 100
63 49.1 35.1 52.7
89 49.8 38.4 57.6



#52
Acenaphthene
Concen: 36.932 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:154 Resp: 1152348
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 54.4 43.0 64.6

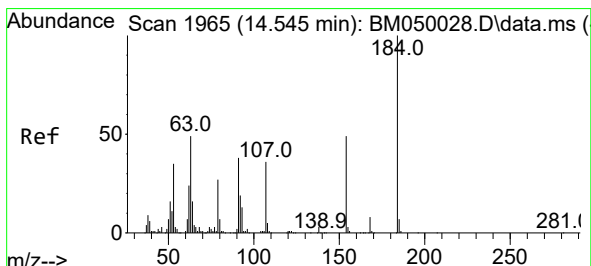
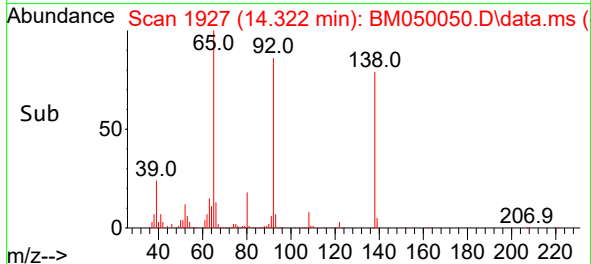
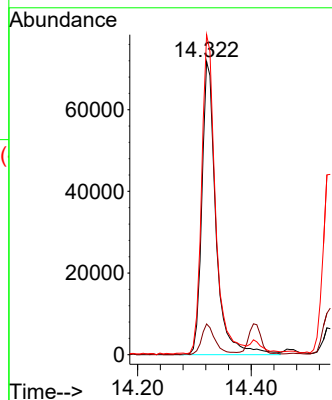
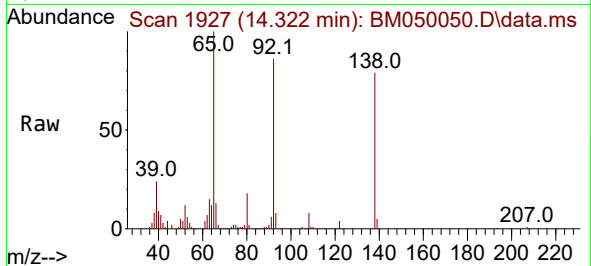




#53
3-Nitroaniline
Concen: 14.722 ng
RT: 14.322 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

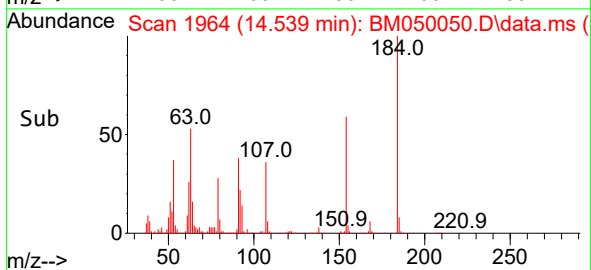
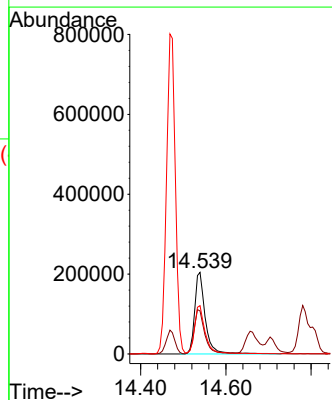
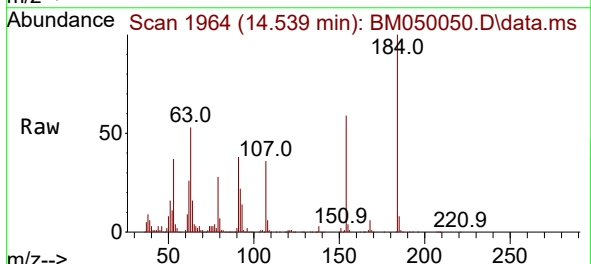
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

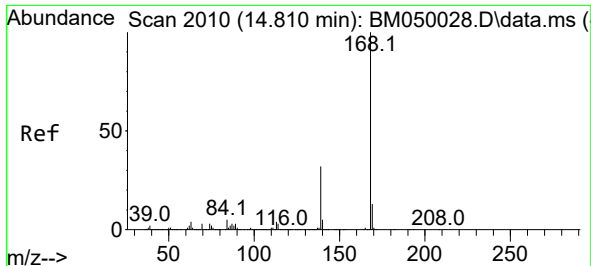
Tgt Ion:138 Resp: 123502
Ion Ratio Lower Upper
138 100
108 10.5 7.4 11.2
92 109.2 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 63.853 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:184 Resp: 352044
Ion Ratio Lower Upper
184 100
63 52.8 39.8 59.6
154 59.2 46.1 69.1

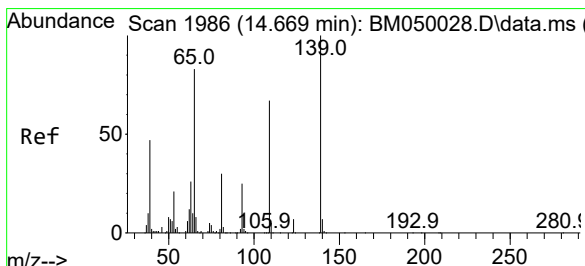
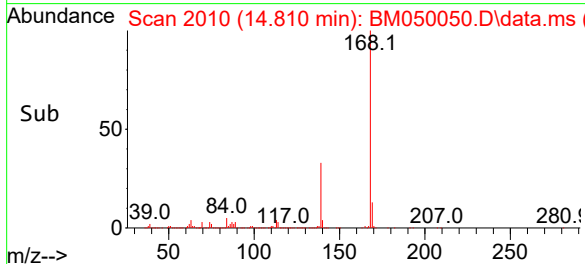
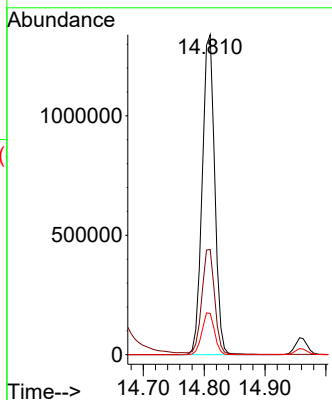
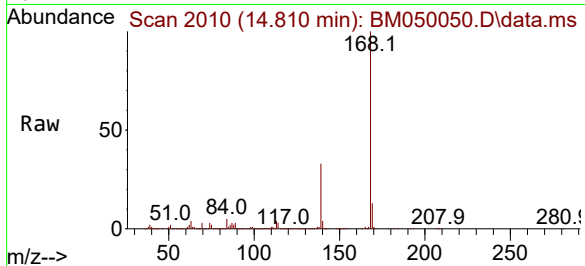




#55
Dibenzenofuran
Concen: 36.714 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

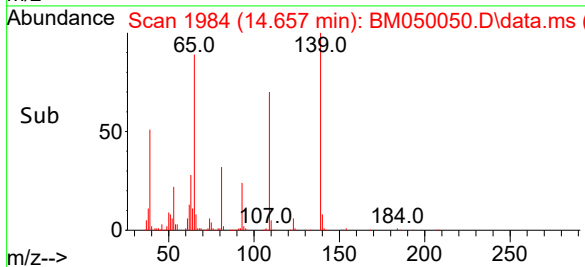
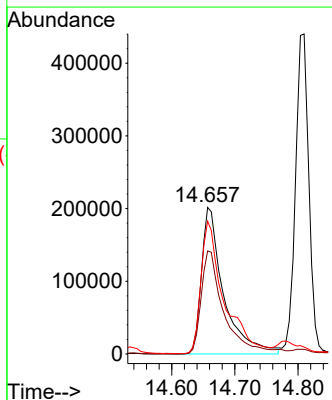
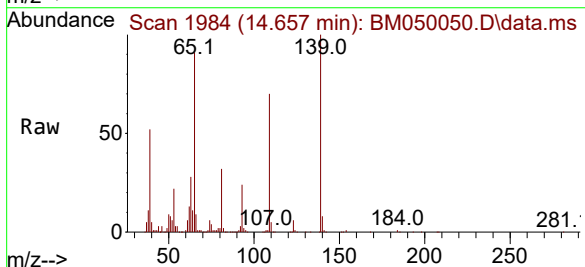
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

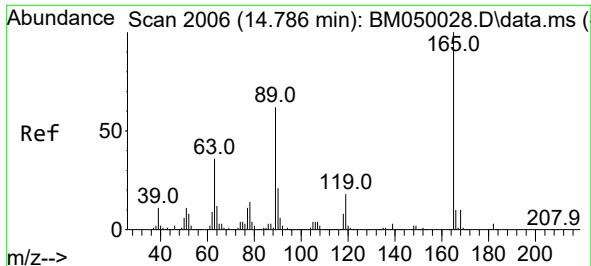
Tgt Ion:168 Resp: 1905961
Ion Ratio Lower Upper
168 100
139 32.9 26.1 39.1
169 12.9 10.8 16.2



#56
4-Nitrophenol
Concen: 72.404 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:139 Resp: 491031
Ion Ratio Lower Upper
139 100
109 70.3 47.0 87.0
65 90.6 64.3 104.3

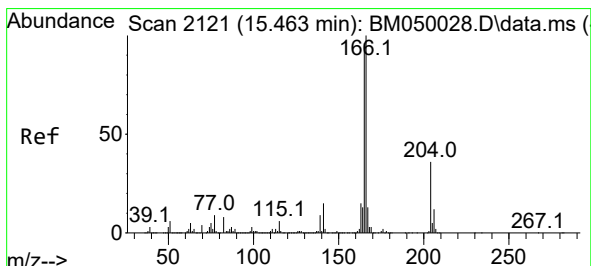
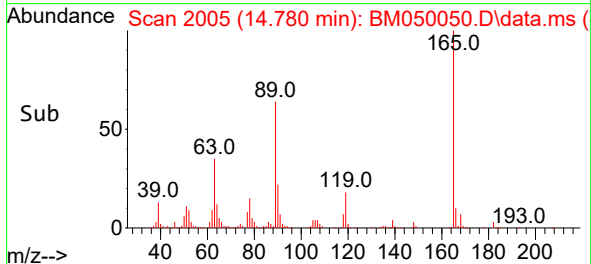
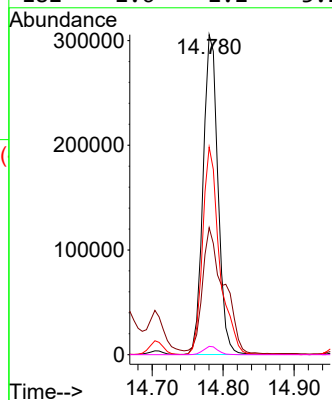
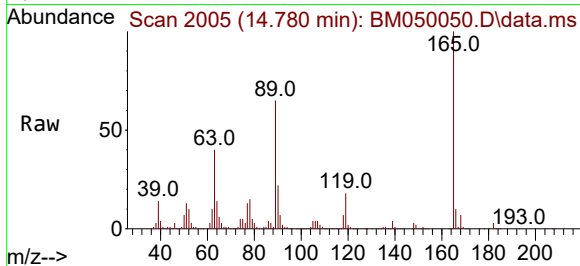




#57
2,4-Dinitrotoluene
Concen: 36.680 ng
RT: 14.780 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

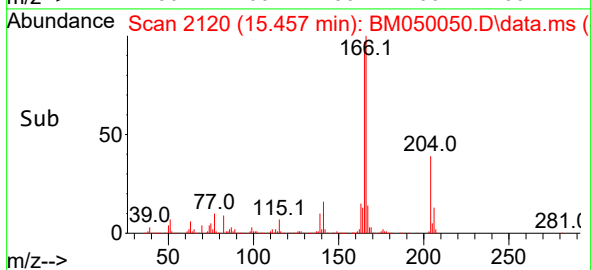
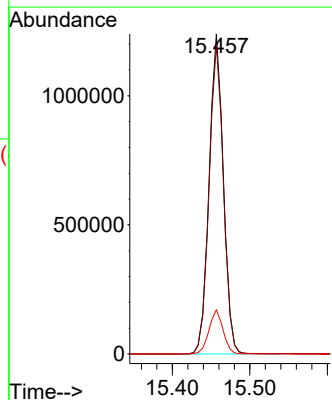
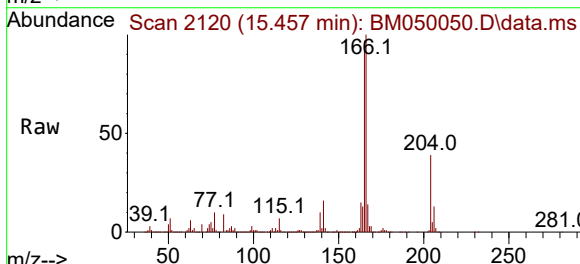
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

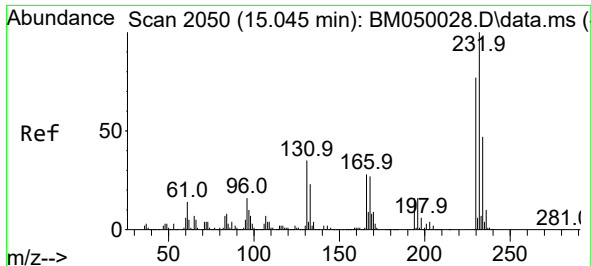
Tgt Ion:165 Resp: 445355
Ion Ratio Lower Upper
165 100
63 39.7 29.0 43.6
89 64.9 49.4 74.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 37.366 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:166 Resp: 1587784
Ion Ratio Lower Upper
166 100
165 96.6 76.6 115.0
167 13.8 10.6 16.0

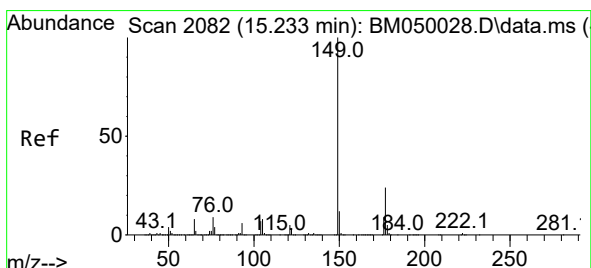
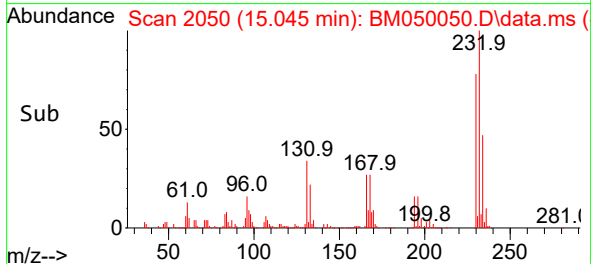
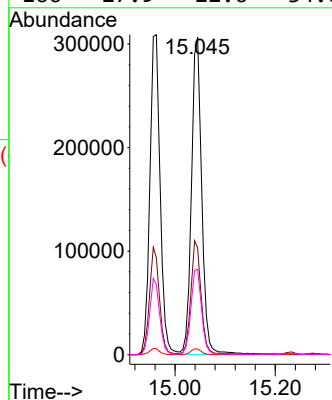
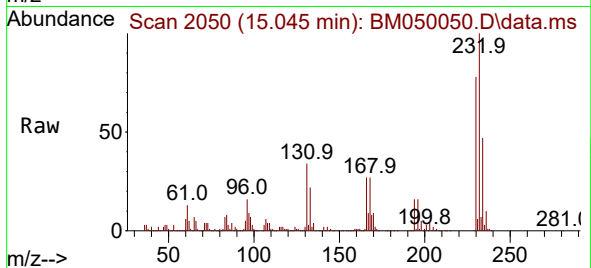




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.591 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

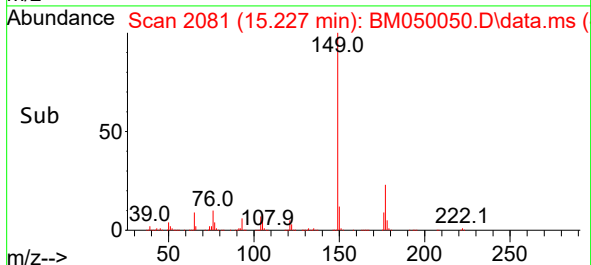
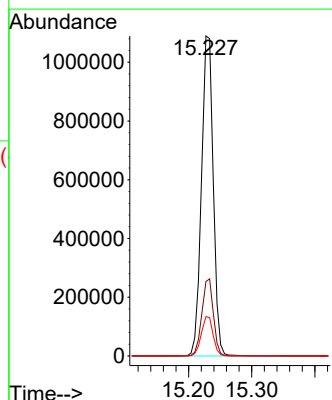
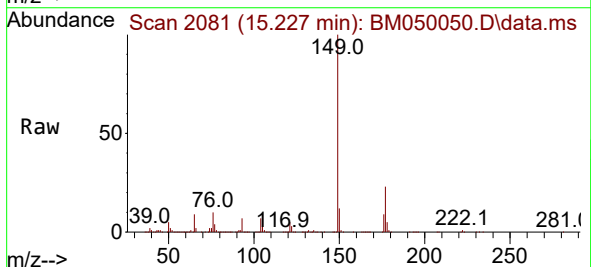
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

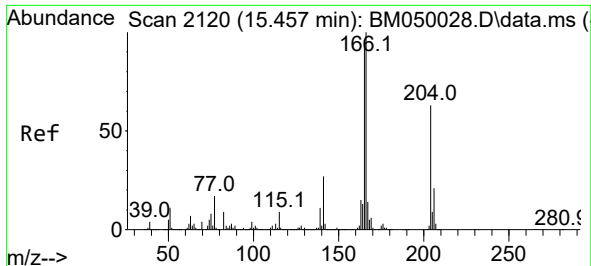
Tgt Ion:232 Resp: 435492
Ion Ratio Lower Upper
232 100
131 35.9 28.2 42.4
130 2.0 1.5 2.3
166 27.9 22.6 34.0



#60
Diethylphthalate
Concen: 35.331 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:149 Resp: 1412851
Ion Ratio Lower Upper
149 100
177 23.2 19.1 28.7
150 12.3 9.6 14.4

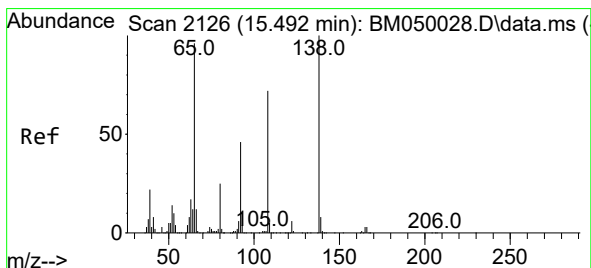
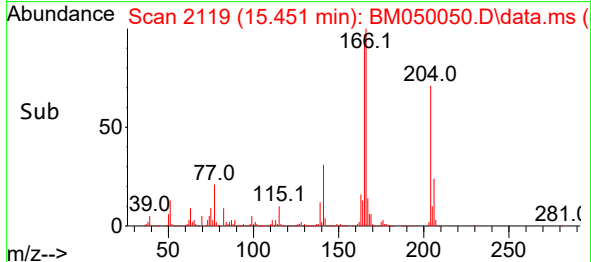
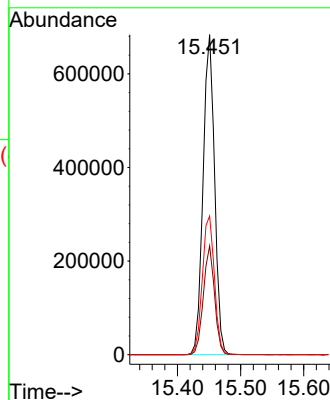
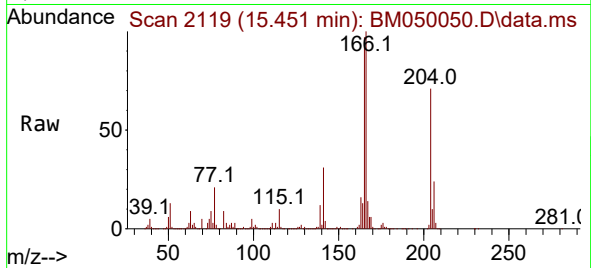




#61
4-Chlorophenyl-phenylether
Concen: 37.068 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

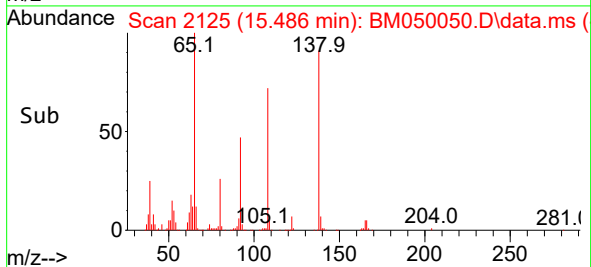
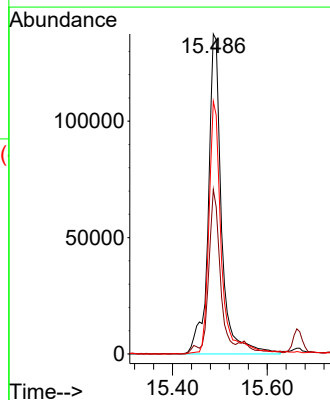
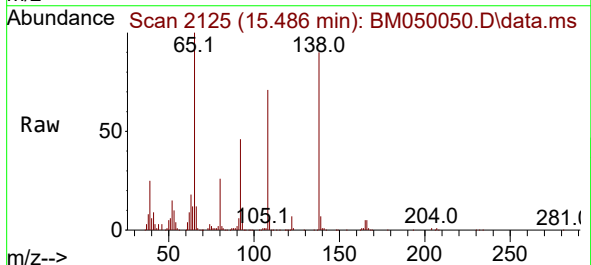
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

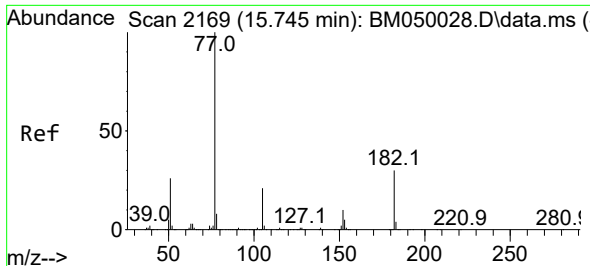
Tgt Ion:204 Resp: 865139
Ion Ratio Lower Upper
204 100
206 34.0 26.3 39.5
141 43.3 34.0 51.0



#62
4-Nitroaniline
Concen: 33.207 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:138 Resp: 268767
Ion Ratio Lower Upper
138 100
92 51.4 25.9 65.9
108 79.0 52.4 92.4

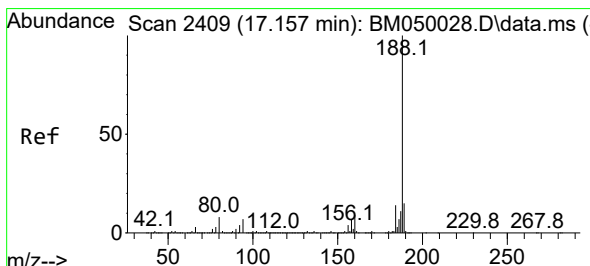
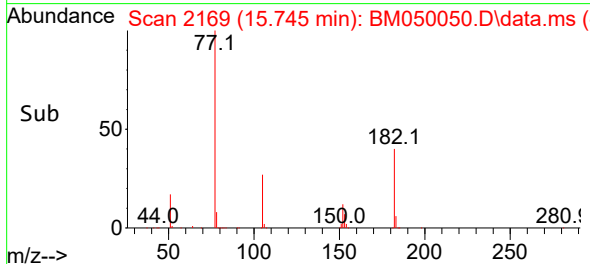
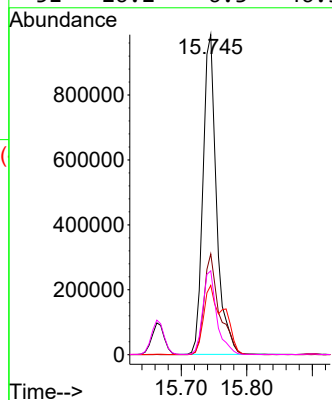
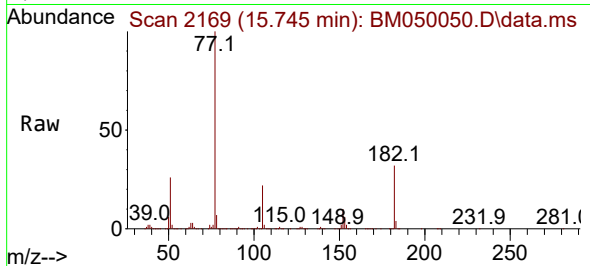




#63
Azobenzene
Concen: 42.158 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

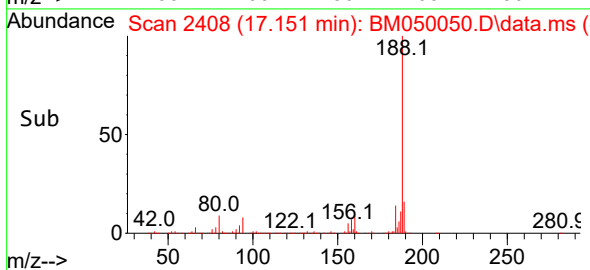
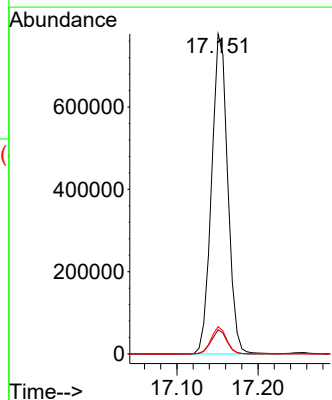
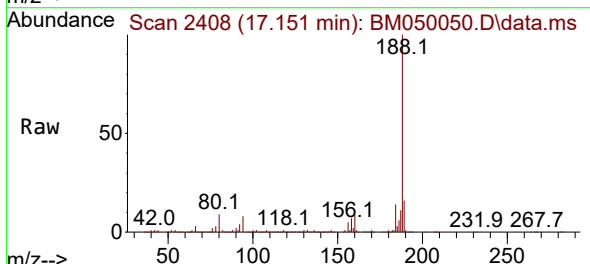
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

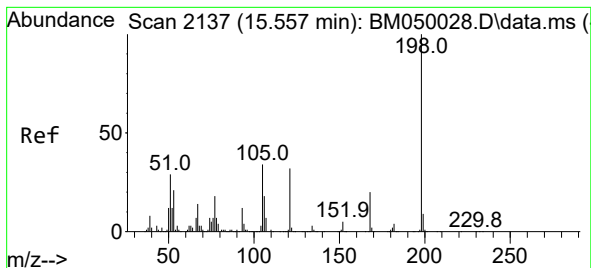
Tgt Ion: 77 Resp: 1412905
Ion Ratio Lower Upper
77 100
182 31.5 10.5 50.5
105 21.6 1.1 41.1
51 26.2 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:188 Resp: 1072390
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.6 6.2 9.4

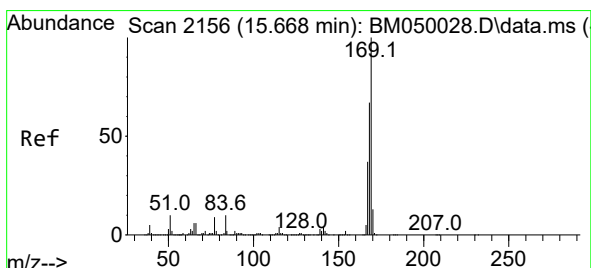
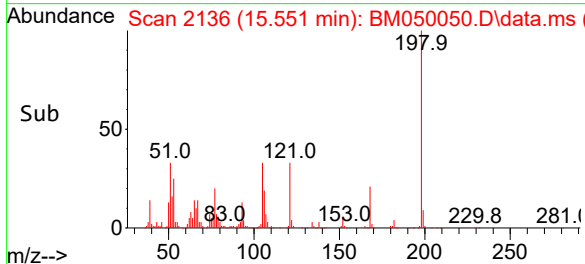
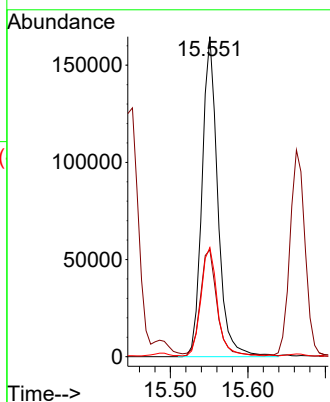
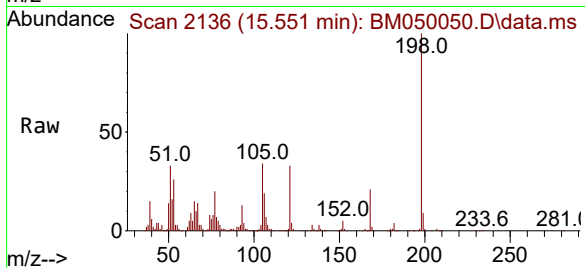




#65
4,6-Dinitro-2-methylphenol
Concen: 34.712 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

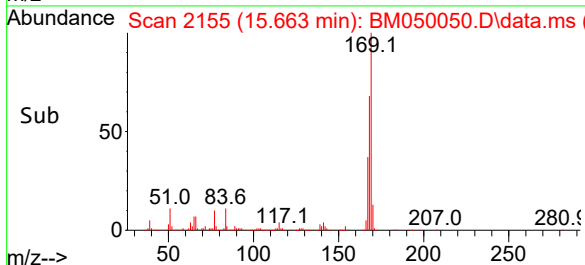
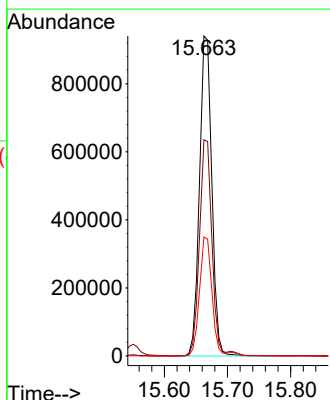
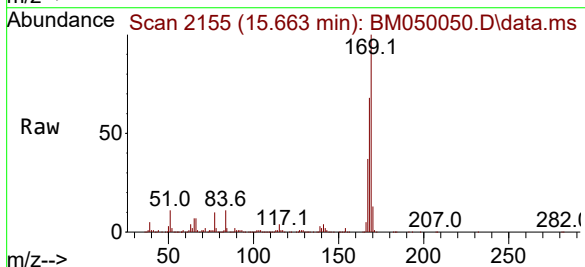
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

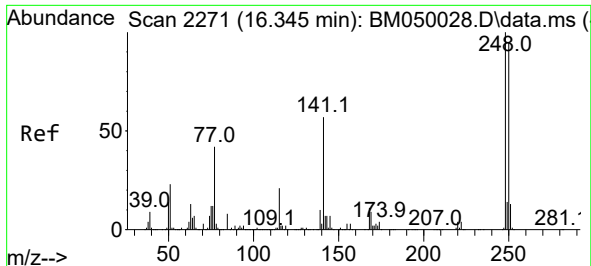
Tgt Ion:198 Resp: 233014
Ion Ratio Lower Upper
198 100
51 33.4 10.4 50.4
105 34.1 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 38.643 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:169 Resp: 1272523
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.2
167 37.2 29.4 44.0

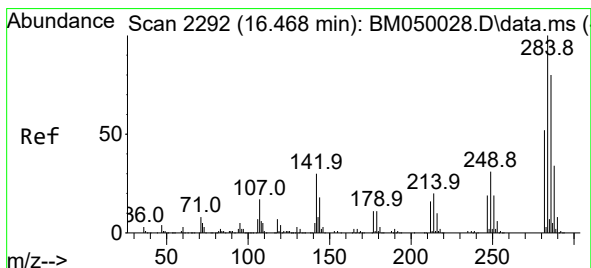
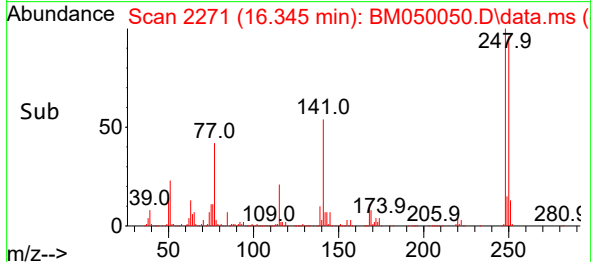
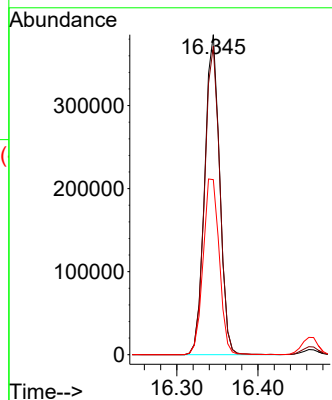
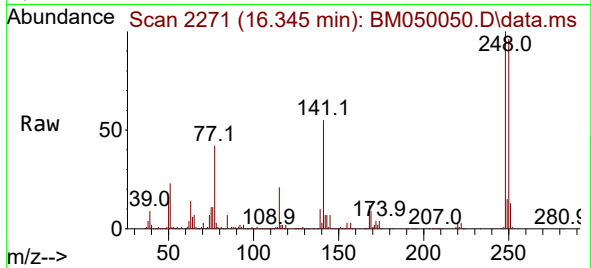




#67
4-Bromophenyl-phenylether
Concen: 37.960 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

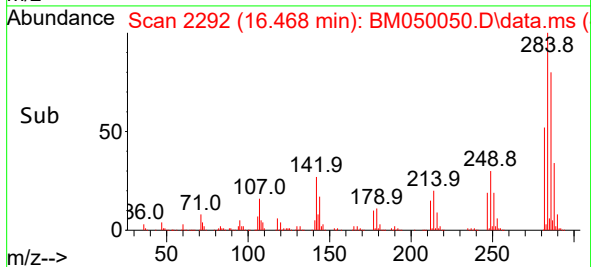
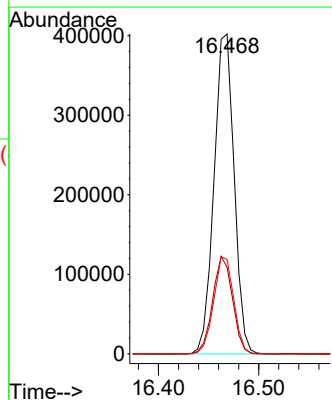
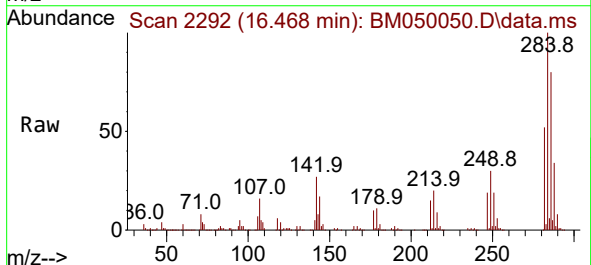
Instrument :
BNA_M
ClientSampleId :
COMP-2MS

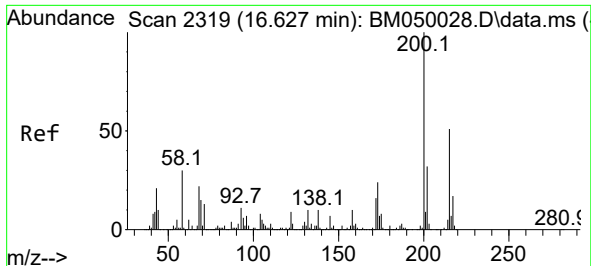
Tgt Ion:248 Resp: 492266
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.2
141 54.7 45.9 68.9



#68
Hexachlorobenzene
Concen: 37.521 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050050.D
Acq: 30 Apr 2025 18:02

Tgt Ion:284 Resp: 560879
Ion Ratio Lower Upper
284 100
142 27.1 23.9 35.9
249 29.5 24.5 36.7

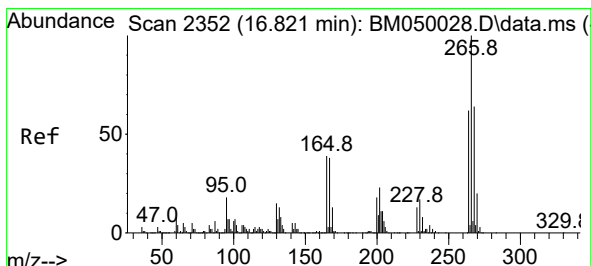
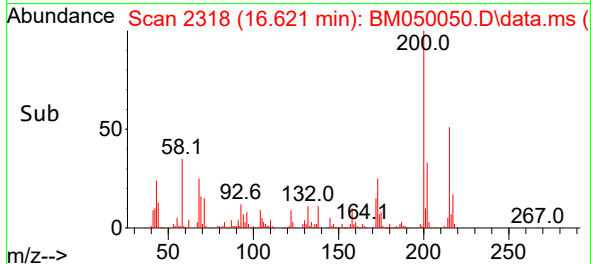
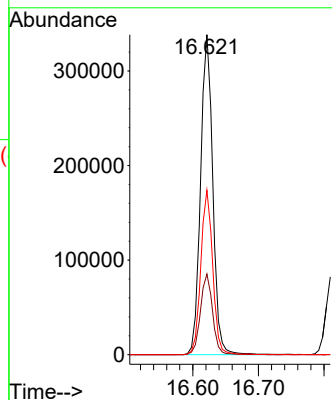
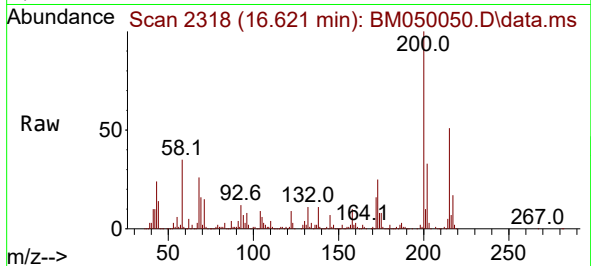




#69
 Atrazine
 Concen: 37.034 ng
 RT: 16.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050050.D
 Acq: 30 Apr 2025 18:02

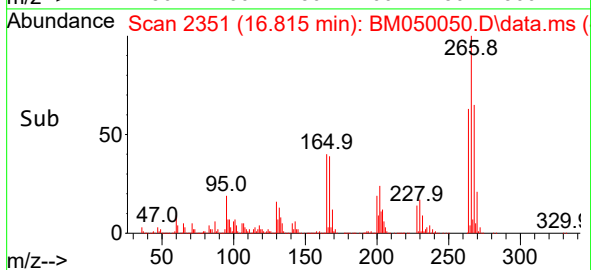
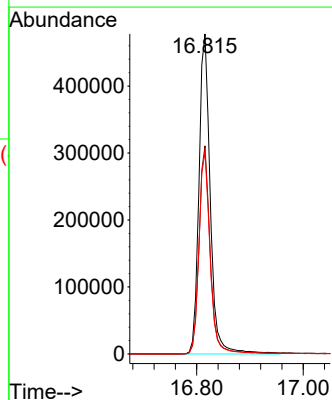
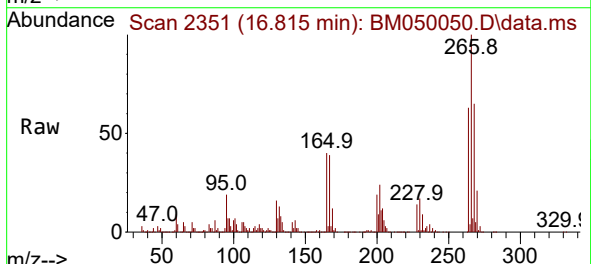
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2MS

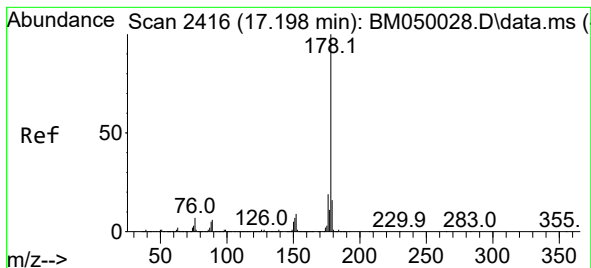
Tgt Ion:200 Resp: 439898
 Ion Ratio Lower Upper
 200 100
 173 25.2 4.3 44.3
 215 51.4 30.6 70.6



#70
 Pentachlorophenol
 Concen: 83.853 ng
 RT: 16.815 min Scan# 2351
 Delta R.T. -0.006 min
 Lab File: BM050050.D
 Acq: 30 Apr 2025 18:02

Tgt Ion:266 Resp: 705569
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.2 76.8
 264 63.1 49.6 74.4





#71

Phenanthrene

Concen: 37.808 ng

RT: 17.198 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

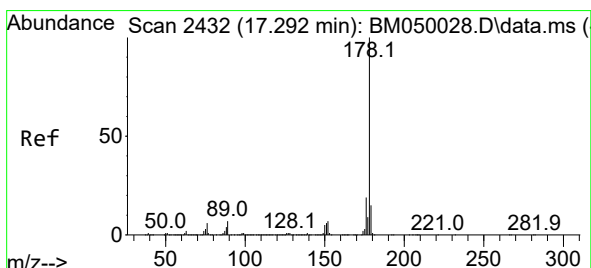
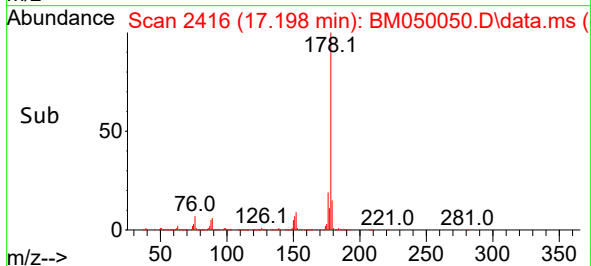
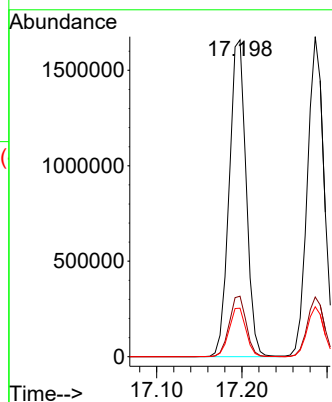
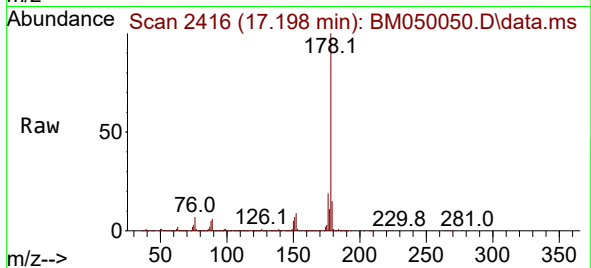
Tgt Ion:178 Resp: 2286790

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 37.456 ng

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

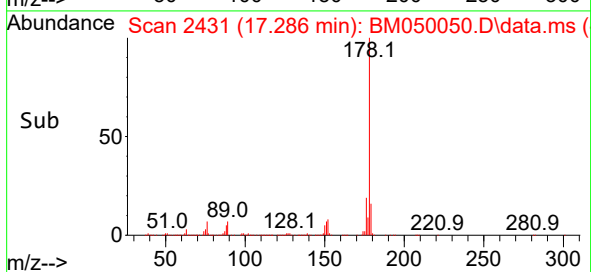
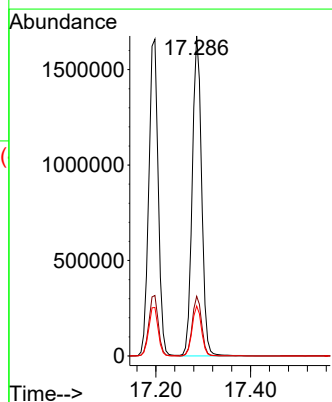
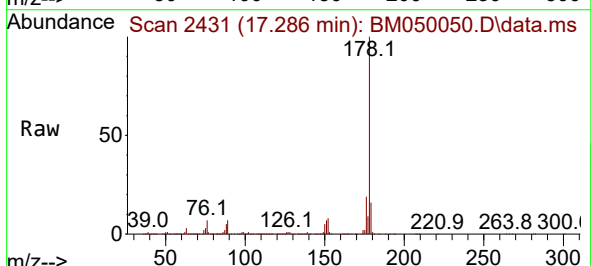
Tgt Ion:178 Resp: 2292656

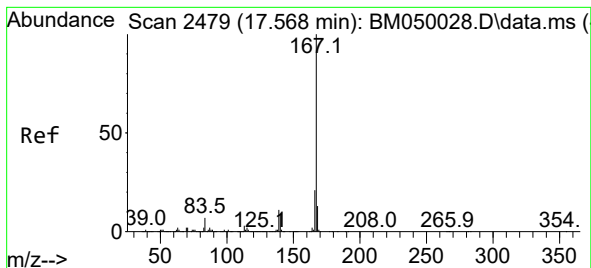
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.6 12.2 18.4





#73

Carbazole

Concen: 37.238 ng

RT: 17.563 min Scan# 2479

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

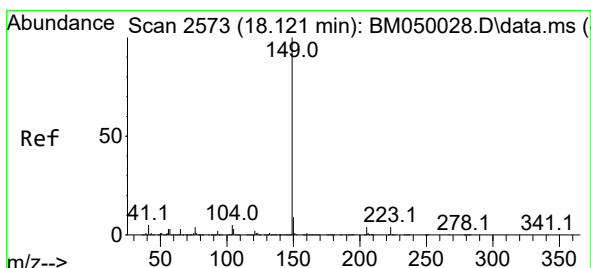
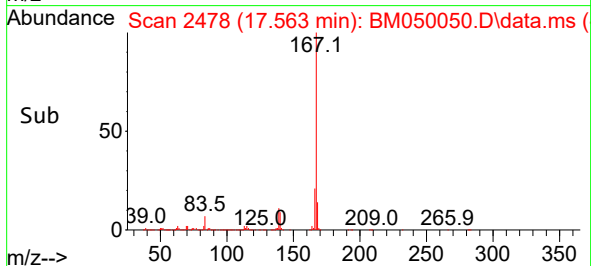
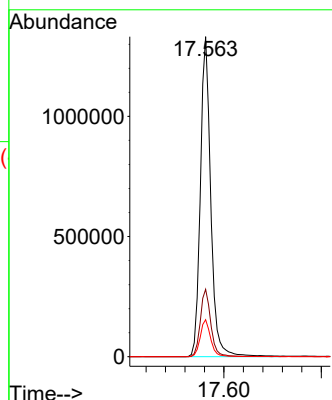
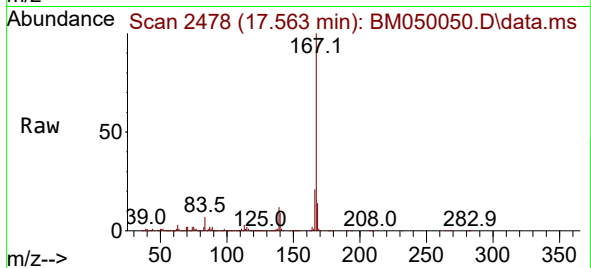
Tgt Ion:167 Resp: 1977881

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

139 11.5 9.0 13.6



#74

Di-n-butylphthalate

Concen: 37.160 ng

RT: 18.121 min Scan# 2573

Delta R.T. 0.000 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

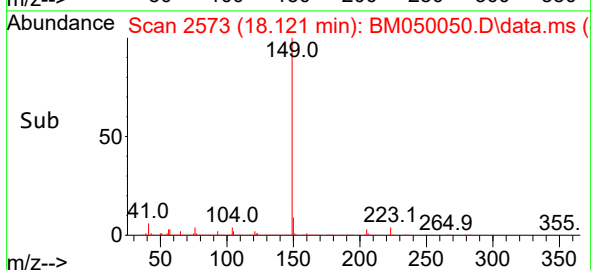
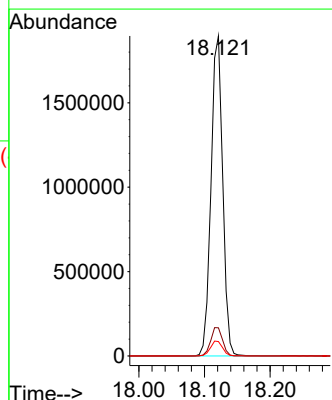
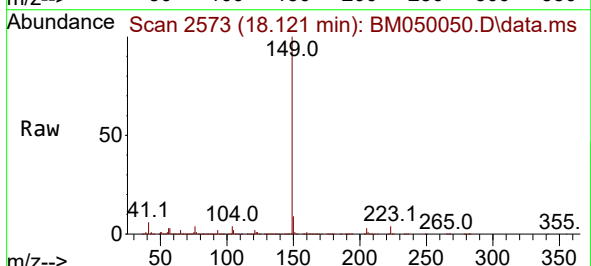
Tgt Ion:149 Resp: 2350453

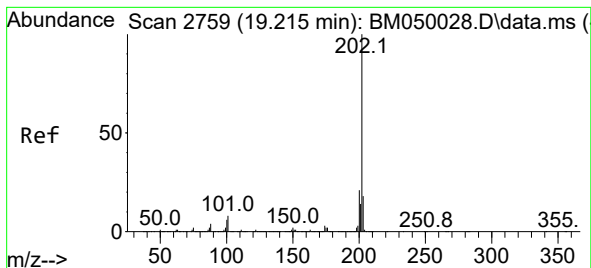
Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 4.5 3.8 5.6





#75

Fluoranthene

Concen: 37.037 ng

RT: 19.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

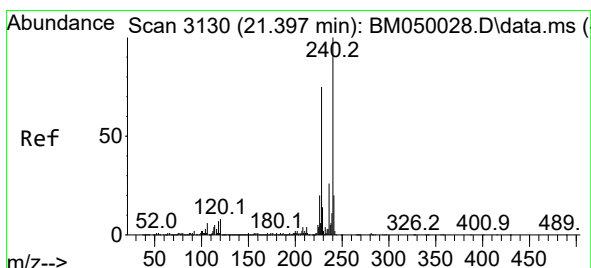
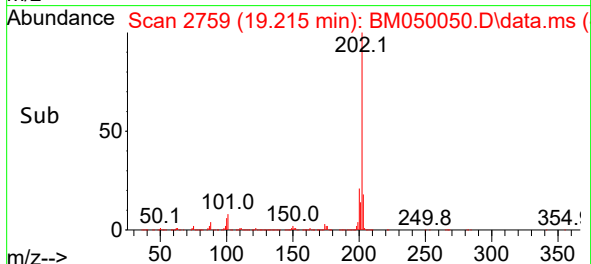
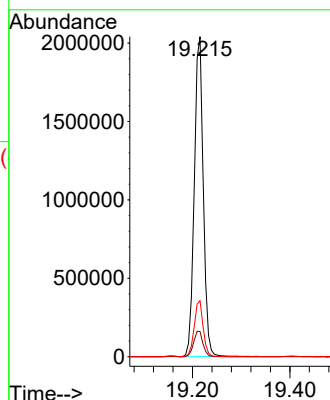
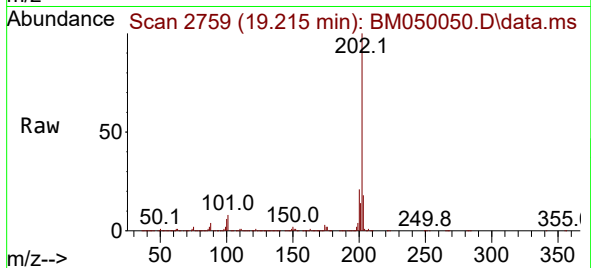
Tgt Ion:202 Resp: 2630073

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.0

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

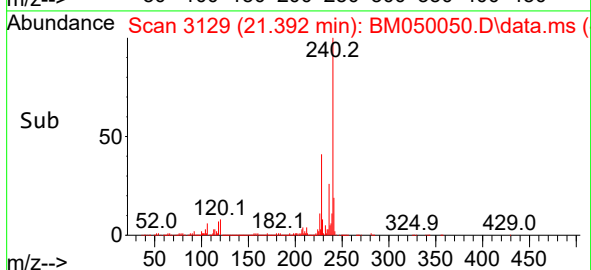
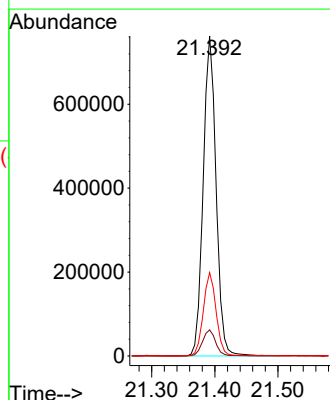
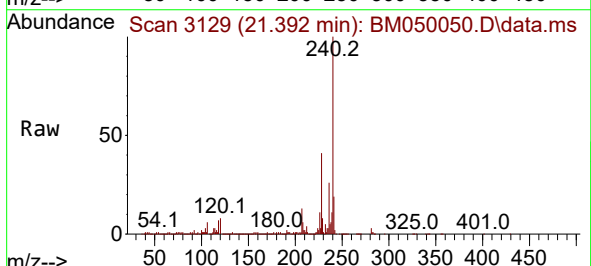
Tgt Ion:240 Resp: 1080297

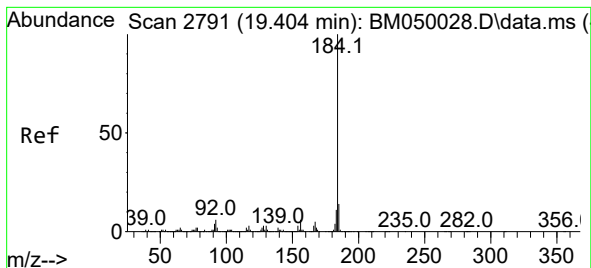
Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 26.1 20.9 31.3





#77

Benzidine

Concen: 25.919 ng

RT: 19.404 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

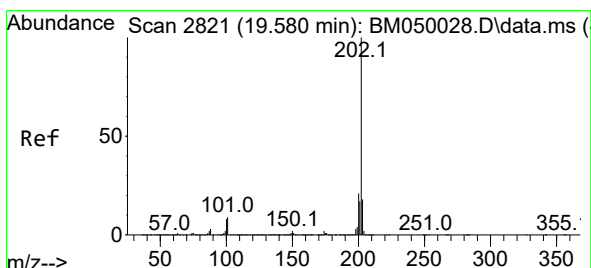
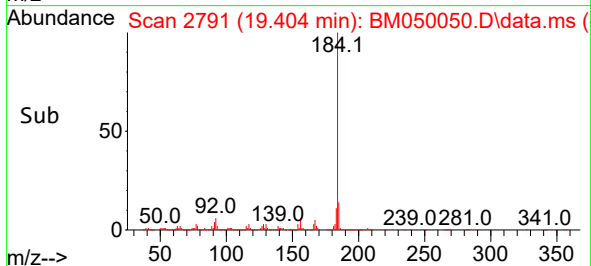
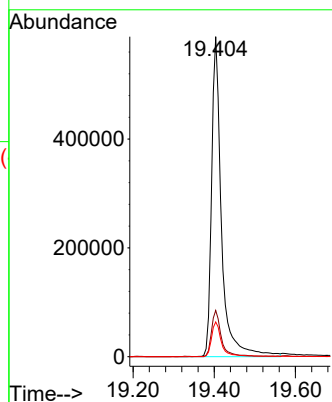
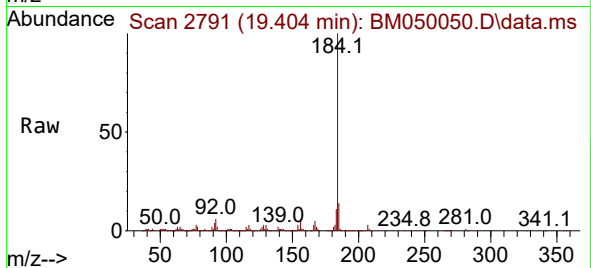
Tgt Ion:184 Resp: 994596

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 10.9 8.9 13.3



#78

Pyrene

Concen: 35.928 ng

RT: 19.574 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

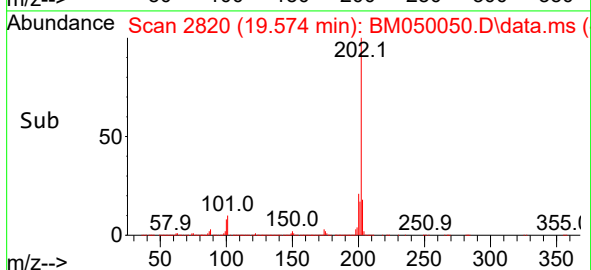
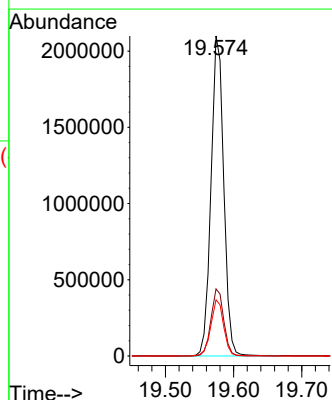
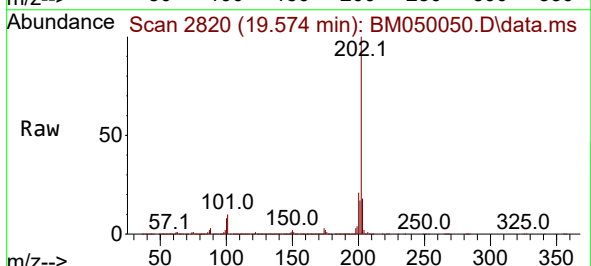
Tgt Ion:202 Resp: 2725548

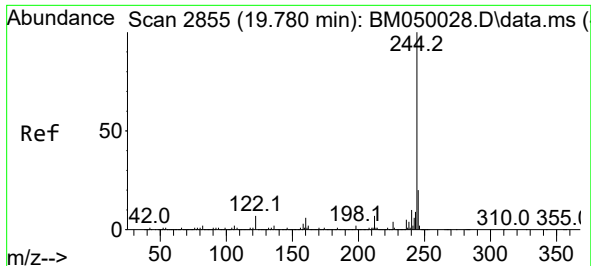
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.6 14.1 21.1

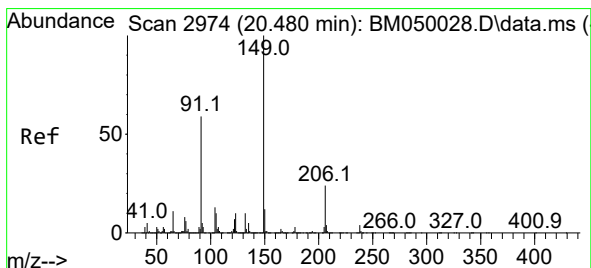
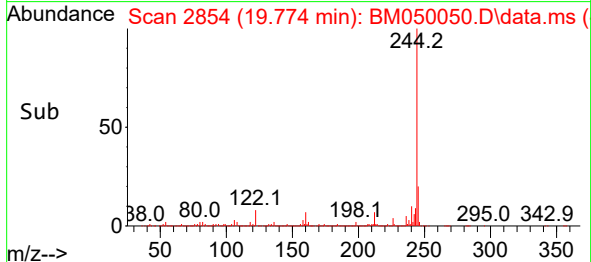
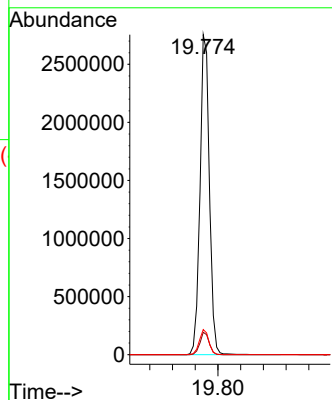
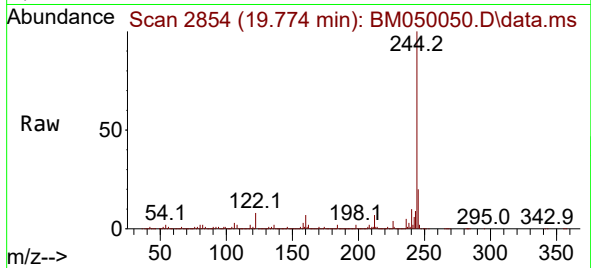




#79
 Terphenyl-d14
 Concen: 43.431 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050050.D
 Acq: 30 Apr 2025 18:02

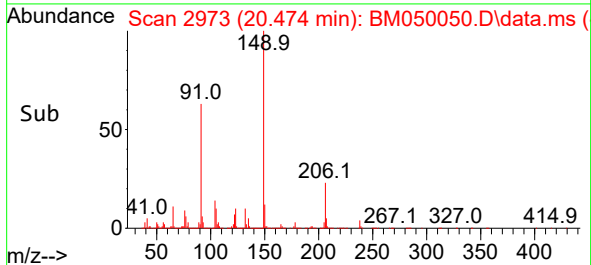
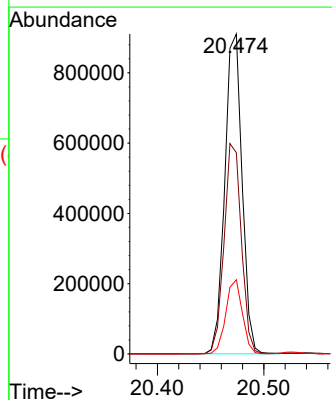
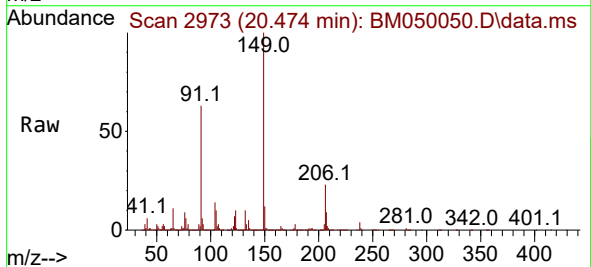
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2MS

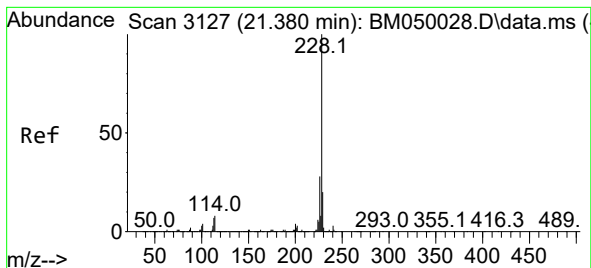
Tgt Ion:244 Resp: 3170717
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 7.8 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 36.036 ng
 RT: 20.474 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BM050050.D
 Acq: 30 Apr 2025 18:02

Tgt Ion:149 Resp: 1023890
 Ion Ratio Lower Upper
 149 100
 91 62.9 47.4 71.2
 206 23.2 19.4 29.0





#81

Benzo(a)anthracene

Concen: 37.362 ng

RT: 21.374 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

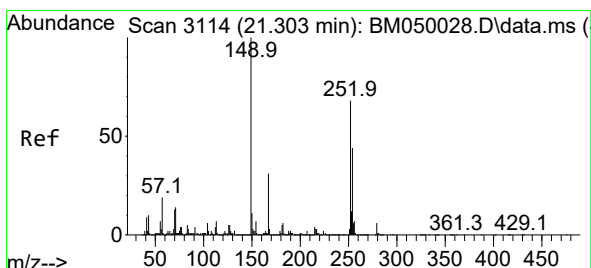
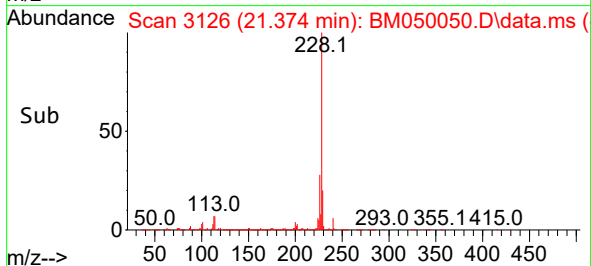
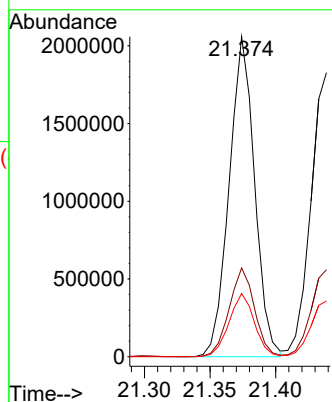
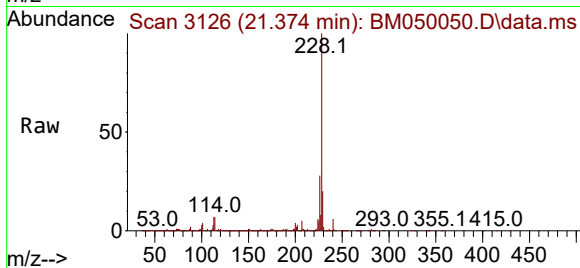
Tgt Ion:228 Resp: 2779421

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 18.579 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

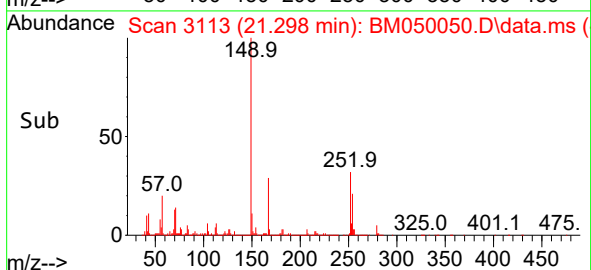
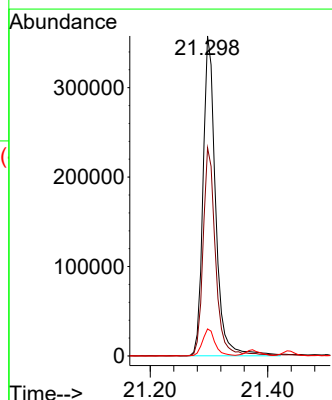
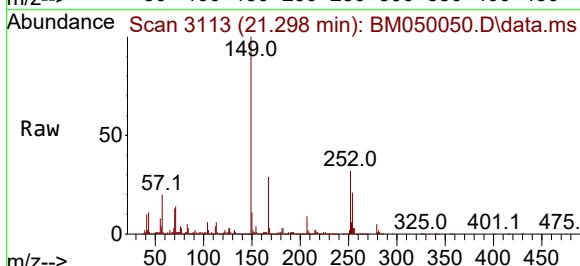
Tgt Ion:252 Resp: 529097

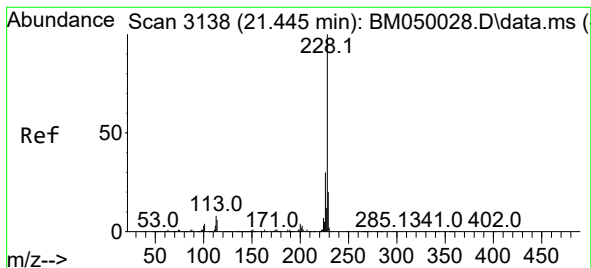
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 8.5 6.0 9.0





#83

Chrysene

Concen: 37.420 ng

RT: 21.439 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

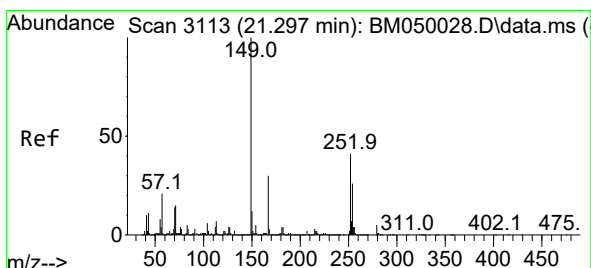
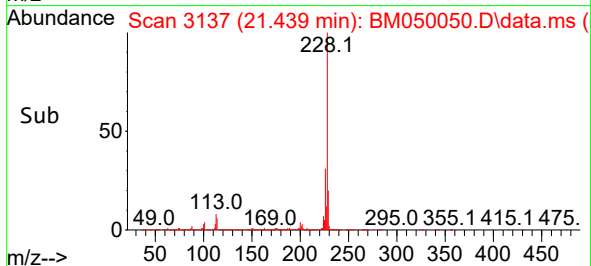
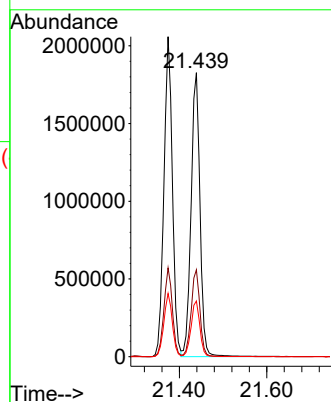
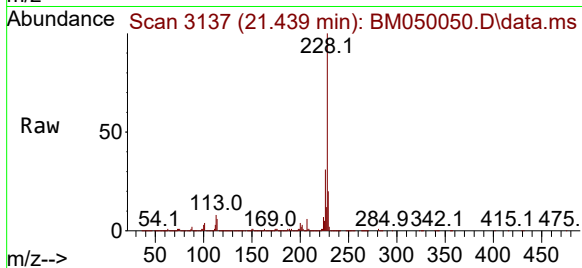
Tgt Ion:228 Resp: 2576404

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.396 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

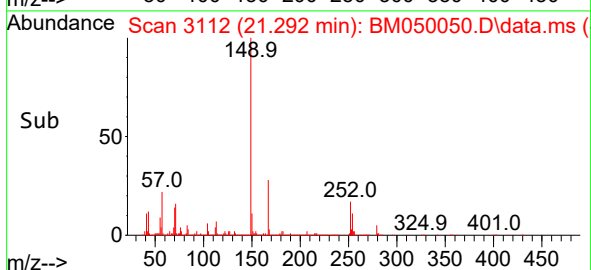
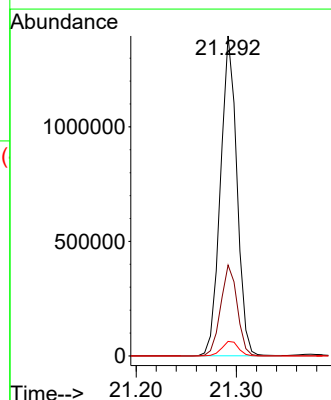
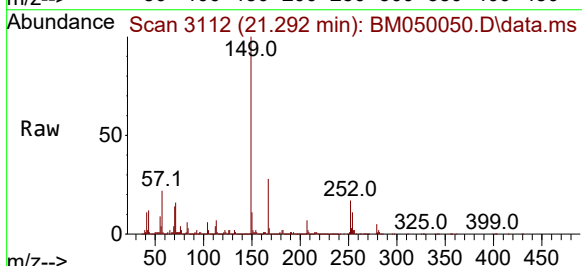
Tgt Ion:149 Resp: 1587083

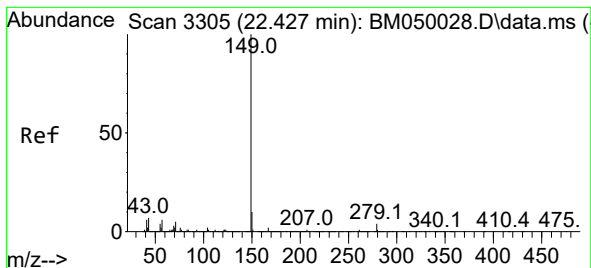
Ion Ratio Lower Upper

149 100

167 28.4 24.1 36.1

279 4.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 37.427 ng

RT: 22.421 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

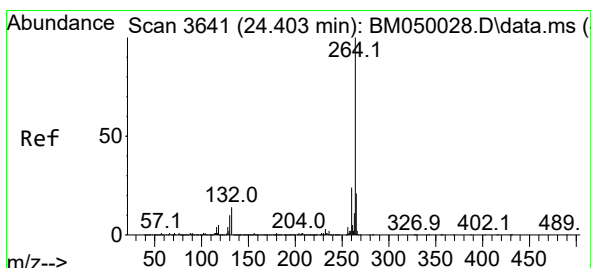
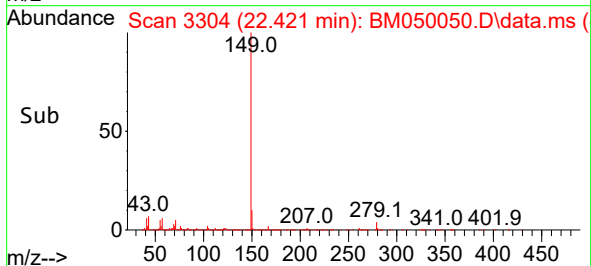
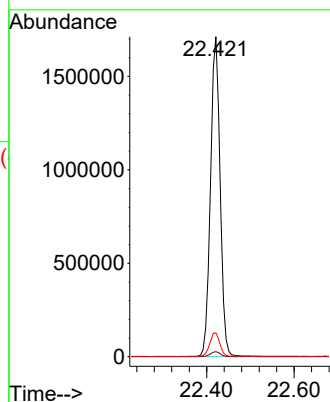
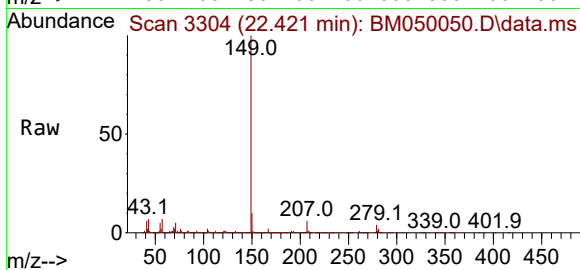
ClientSampleId :

COMP-2MS

Tgt Ion:149 Resp: 2619466

Ion Ratio Lower Upper

149	100		
167	1.6	1.3	1.9
43	7.8	5.8	8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.391 min Scan# 3639

Delta R.T. -0.012 min

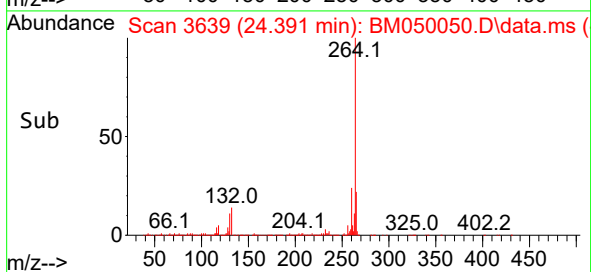
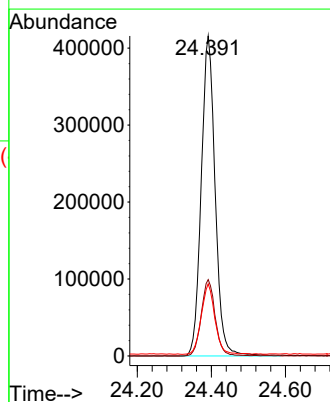
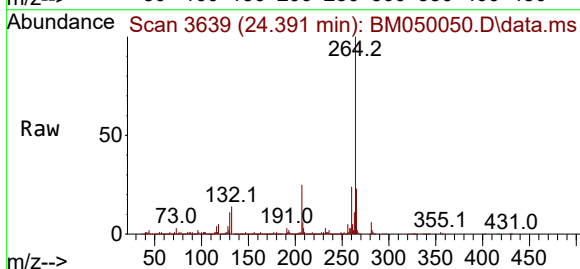
Lab File: BM050050.D

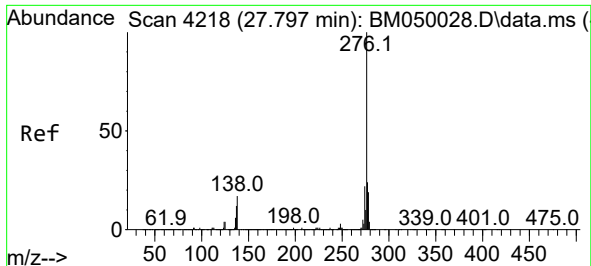
Acq: 30 Apr 2025 18:02

Tgt Ion:264 Resp: 1082313

Ion Ratio Lower Upper

264	100		
260	23.9	18.8	28.2
265	22.5	17.0	25.4

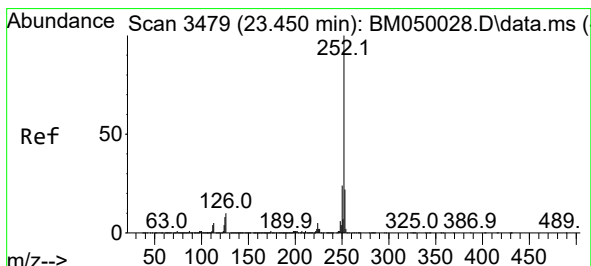
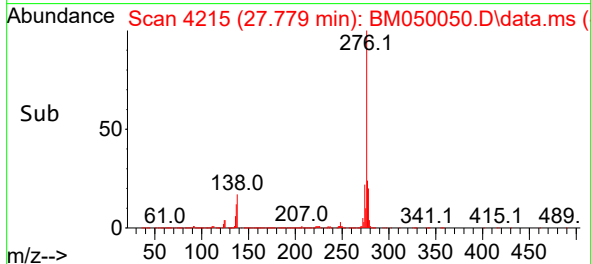
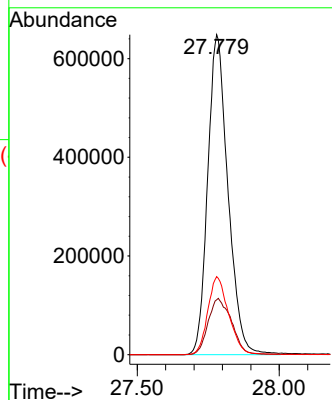
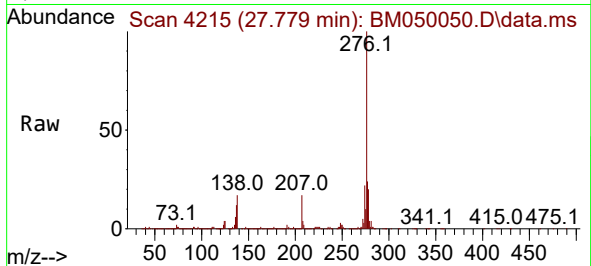




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.848 ng
 RT: 27.779 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BM050050.D
 Acq: 30 Apr 2025 18:02

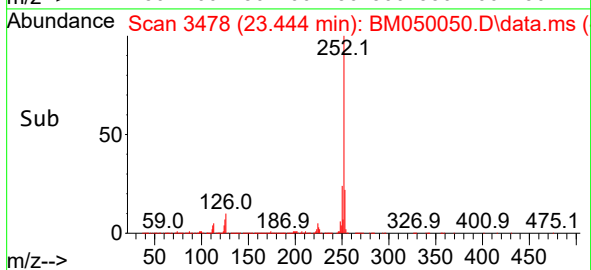
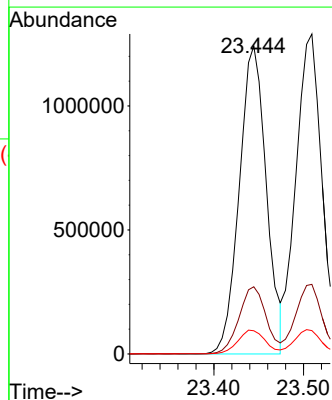
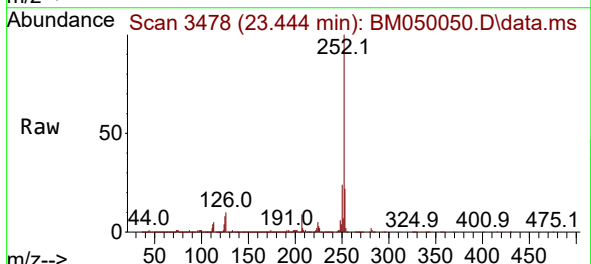
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2MS

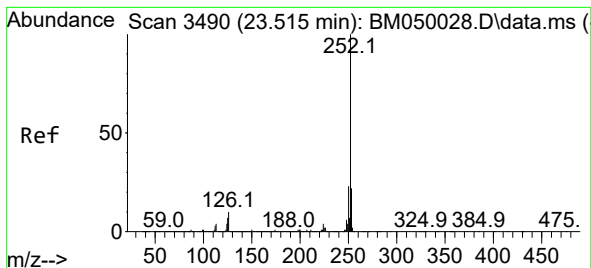
Tgt Ion:276 Resp: 3213578
 Ion Ratio Lower Upper
 276 100
 138 20.3 16.4 24.6
 277 25.1 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 36.905 ng
 RT: 23.444 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: BM050050.D
 Acq: 30 Apr 2025 18:02

Tgt Ion:252 Resp: 2597561
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 7.5 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 36.926 ng

RT: 23.509 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

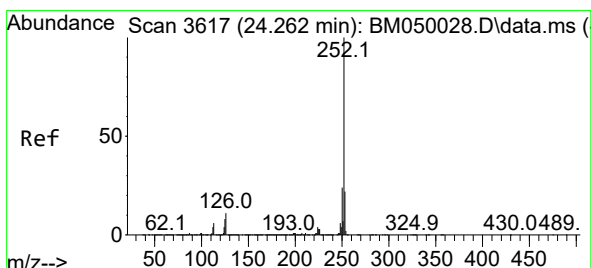
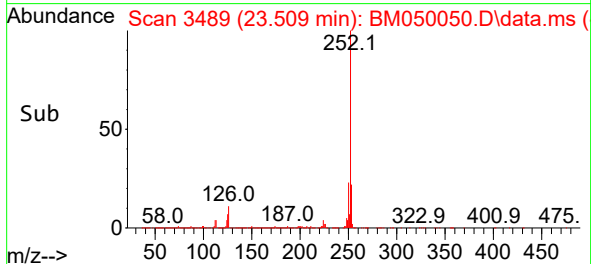
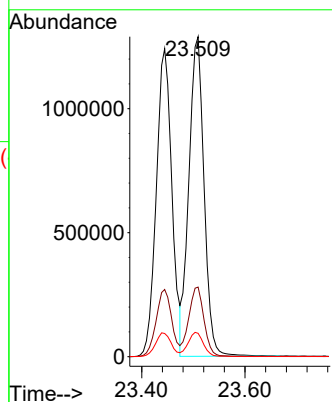
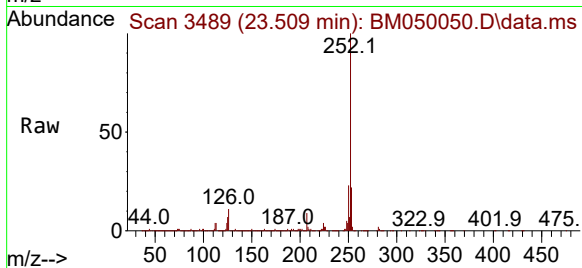
Tgt Ion:252 Resp: 2629012

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.3 5.8 8.8



#90

Benzo(a)pyrene

Concen: 37.367 ng

RT: 24.250 min Scan# 3615

Delta R.T. -0.012 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

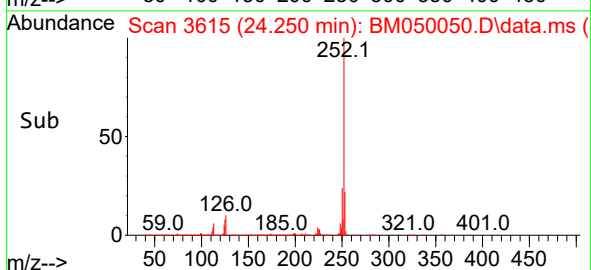
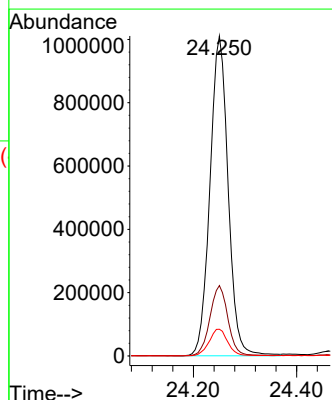
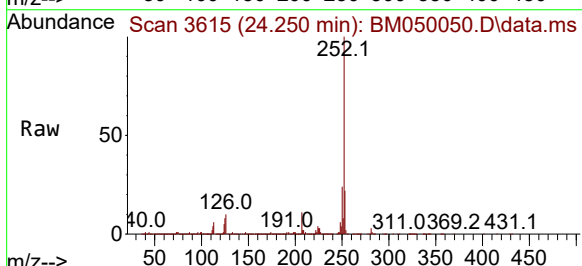
Tgt Ion:252 Resp: 2463380

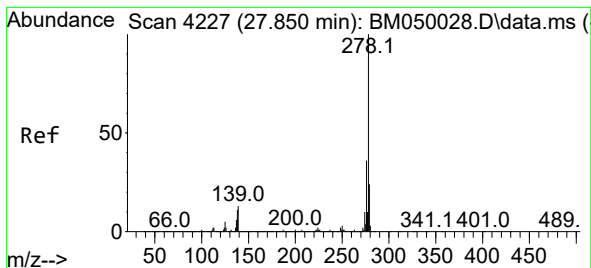
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.4 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 40.077 ng

RT: 27.827 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

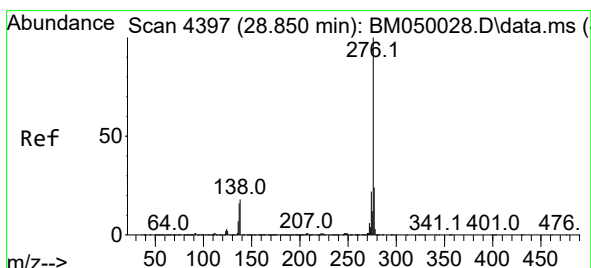
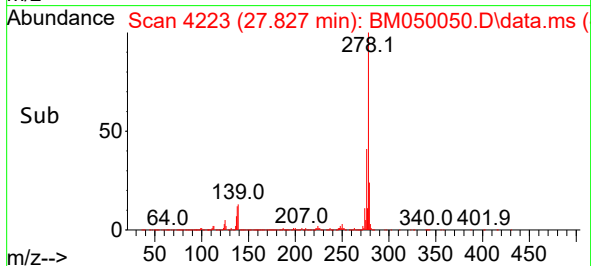
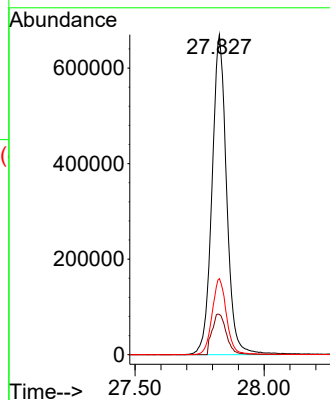
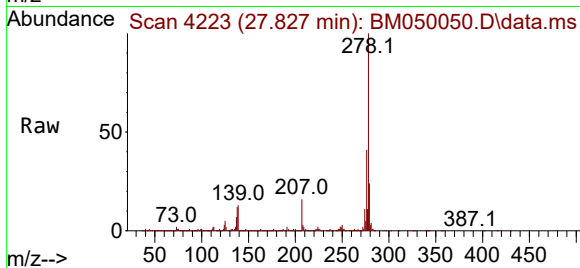
Tgt Ion:278 Resp: 2634617

Ion Ratio Lower Upper

278 100

139 12.5 10.5 15.7

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 40.160 ng

RT: 28.838 min Scan# 4395

Delta R.T. -0.012 min

Lab File: BM050050.D

Acq: 30 Apr 2025 18:02

Tgt Ion:276 Resp: 2527554

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 17.0 14.3 21.5

