

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050488.D
 Acq On : 23 Jul 2025 13:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	538986	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	2095876	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1417302	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2849654	20.000	ng	0.00
76) Chrysene-d12	21.444	240	2992562	20.000	ng	0.01
86) Perylene-d12	24.474	264	3273796	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2489356	79.501	ng	0.00
7) Phenol-d6	7.016	99	3232837	81.901	ng	0.00
23) Nitrobenzene-d5	9.004	82	3316777	80.737	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	1649457	95.785	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	8979204	78.238	ng	0.00
79) Terphenyl-d14	19.827	244	12410863	72.969	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	492545	38.254	ng	98
3) Pyridine	3.722	79	1343046	39.731	ng	98
4) n-Nitrosodimethylamine	3.628	42	566685	35.960	ng	89
6) Aniline	7.175	93	2093159	41.320	ng	99
8) 2-Chlorophenol	7.416	128	1366493	41.387	ng	97
9) Benzaldehyde	6.987	77	1046153	44.554	ng	96
10) Phenol	7.040	94	1657774	40.266	ng	99
11) bis(2-Chloroethyl)ether	7.269	93	1299397	39.410	ng	97
12) 1,3-Dichlorobenzene	7.739	146	1581255	39.386	ng	97
13) 1,4-Dichlorobenzene	7.881	146	1606217	39.181	ng	99
14) 1,2-Dichlorobenzene	8.198	146	1544871	39.362	ng	99
15) Benzyl Alcohol	8.086	79	1189108	42.755	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1820521	37.486	ng	100
17) 2-Methylphenol	8.286	107	1110980	41.606	ng	98
18) Hexachloroethane	8.934	117	564527	39.156	ng	94
19) n-Nitroso-di-n-propyla...	8.657	70	1017785	42.563	ng	94
20) 3+4-Methylphenols	8.616	107	1510236	42.131	ng	98
22) Acetophenone	8.669	105	2051210	39.144	ng	# 96
24) Nitrobenzene	9.045	77	1446057	39.446	ng	97
25) Isophorone	9.575	82	2846190	42.697	ng	100
26) 2-Nitrophenol	9.757	139	716834	47.979	ng	94
27) 2,4-Dimethylphenol	9.816	122	1313867	41.327	ng	97
28) bis(2-Chloroethoxy)met...	10.051	93	1763046	39.914	ng	98
29) 2,4-Dichlorophenol	10.292	162	1395541	42.727	ng	98
30) 1,2,4-Trichlorobenzene	10.510	180	1577367	40.370	ng	99
31) Naphthalene	10.698	128	4188454	39.345	ng	99
32) Benzoic acid	9.945	122	988996	50.347	ng	98
33) 4-Chloroaniline	10.798	127	1892384	42.048	ng	98
34) Hexachlorobutadiene	10.986	225	968266	40.602	ng	100
35) Caprolactam	11.580	113	435069	48.795	ng	# 88
36) 4-Chloro-3-methylphenol	11.927	107	1334323	43.748	ng	96
37) 2-Methylnaphthalene	12.304	142	2798868	41.640	ng	99
38) 1-Methylnaphthalene	12.522	142	2951025	41.485	ng	99
40) 1,2,4,5-Tetrachloroben...	12.674	216	1816001	40.292	ng	98
41) Hexachlorocyclopentadiene	12.657	237	1092084	37.906	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	1214104	43.762	ng	97

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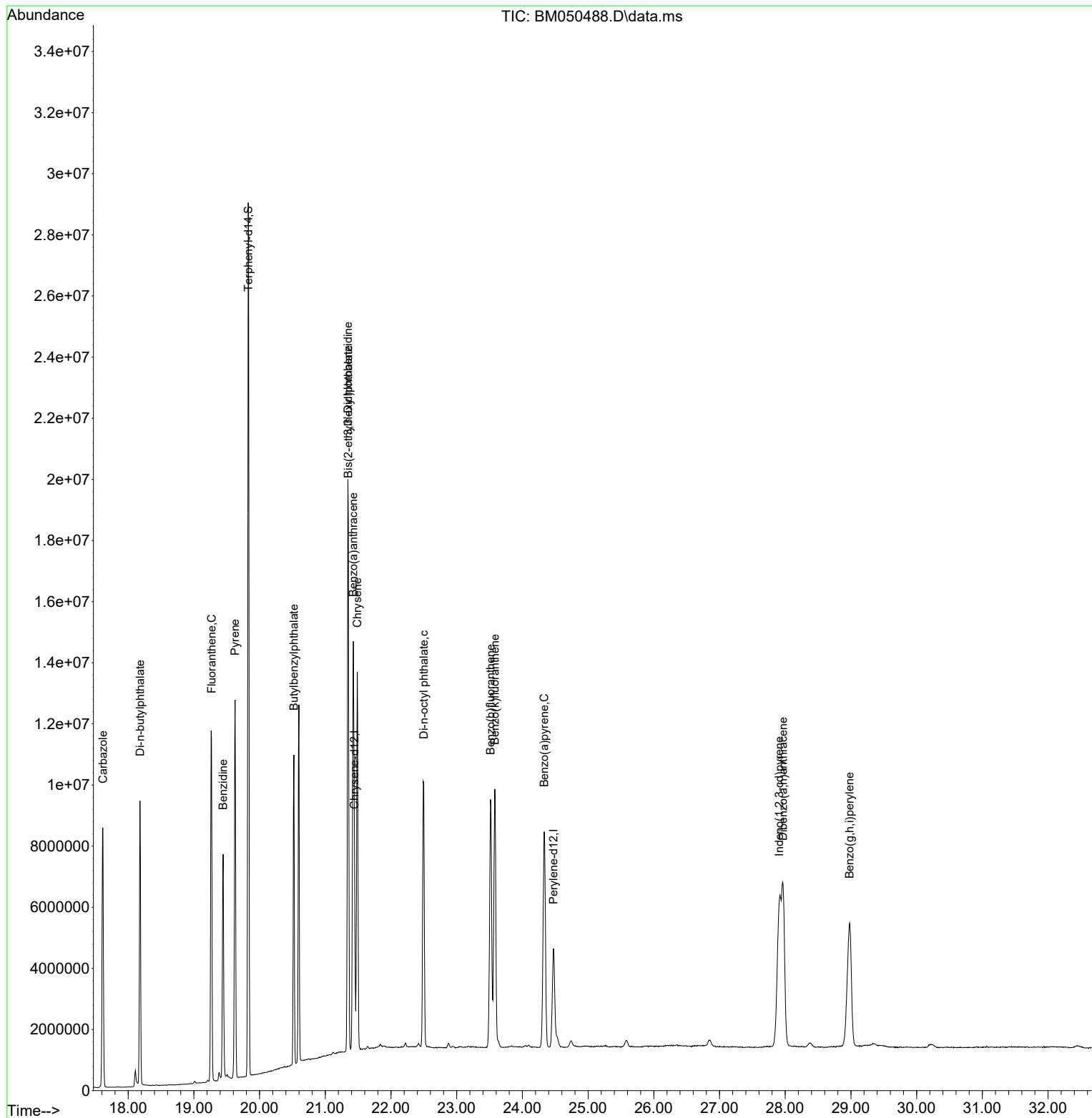
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	1337813	44.153	ng	98
46) 1,1'-Biphenyl	13.316	154	4113625	39.120	ng	99
47) 2-Chloronaphthalene	13.357	162	3262221	38.910	ng	98
48) 2-Nitroaniline	13.551	65	819783	43.806	ng	96
49) Acenaphthylene	14.204	152	5115199	40.370	ng	99
50) Dimethylphthalate	13.939	163	3984657	40.836	ng	99
51) 2,6-Dinitrotoluene	14.045	165	844904	45.097	ng	95
52) Acenaphthene	14.545	154	3234937	40.158	ng	98
53) 3-Nitroaniline	14.374	138	892959	44.817	ng	99
54) 2,4-Dinitrophenol	14.580	184	447135	46.194	ng	# 83
55) Dibenzofuran	14.874	168	4873387	39.264	ng	100
56) 4-Nitrophenol	14.686	139	752320	43.907	ng	88
57) 2,4-Dinitrotoluene	14.833	165	1178835	42.370	ng	94
58) Fluorene	15.521	166	4081607	39.924	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1155498	45.303	ng	95
60) Diethylphthalate	15.298	149	3838064	41.177	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	2142724	40.083	ng	98
62) 4-Nitroaniline	15.533	138	926980	40.874	ng	99
63) Azobenzene	15.810	77	3365275	39.319	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	659818	43.709	ng	88
66) n-Nitrosodiphenylamine	15.727	169	3500656	39.258	ng	99
67) 4-Bromophenyl-phenylether	16.409	248	1317795	41.972	ng	98
68) Hexachlorobenzene	16.527	284	1526986	41.179	ng	96
69) Atrazine	16.680	200	1269940	43.371	ng	98
70) Pentachlorophenol	16.868	266	1015634	43.998	ng	100
71) Phenanthrene	17.256	178	6258796	38.814	ng	100
72) Anthracene	17.345	178	6451628	40.195	ng	100
73) Carbazole	17.615	167	5866160	40.392	ng	99
74) Di-n-butylphthalate	18.180	149	6814421	42.868	ng	99
75) Fluoranthene	19.268	202	7397813	42.202	ng	99
77) Benzidine	19.445	184	4455697	58.375	ng	99
78) Pyrene	19.627	202	7626459	39.792	ng	100
80) Butylbenzylphthalate	20.521	149	3102877	49.099	ng	98
81) Benzo(a)anthracene	21.427	228	7892434	40.477	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	3119311	47.438	ng	100
83) Chrysene	21.486	228	7289508	39.635	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	4629074	46.142	ng	# 96
85) Di-n-octyl phthalate	22.497	149	8048934	51.226	ng	97
87) Indeno(1,2,3-cd)pyrene	27.909	276	9570216	41.116	ng	99
88) Benzo(b)fluoranthene	23.515	252	7891128	39.187	ng	100
89) Benzo(k)fluoranthene	23.580	252	7686989	36.789	ng	100
90) Benzo(a)pyrene	24.333	252	7558280	40.096	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	7896753	40.284	ng	99
92) Benzo(g,h,i)perylene	28.979	276	7636056	41.216	ng	99

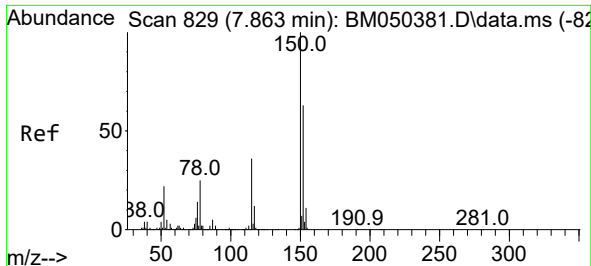
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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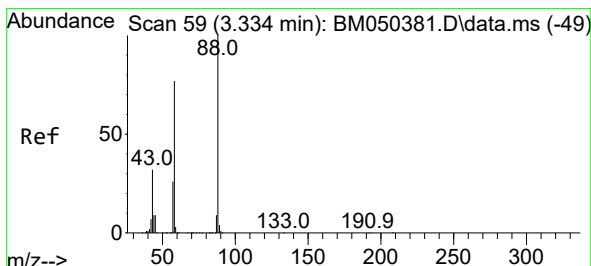
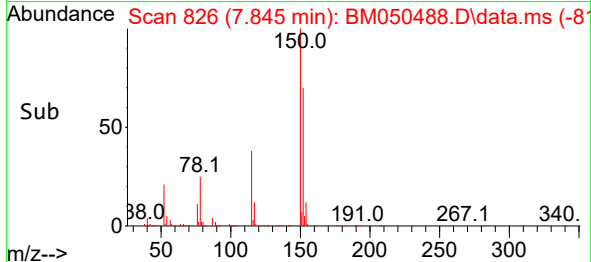
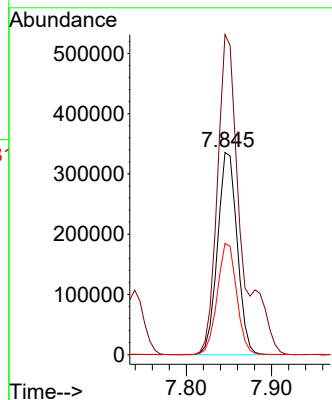
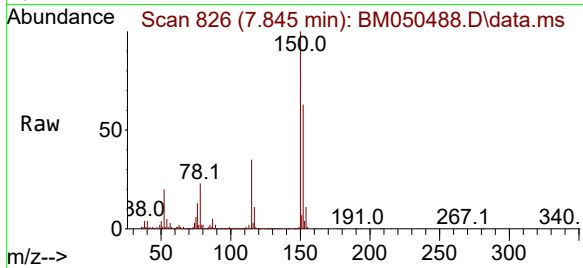




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.845 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050488.D
 Acq: 23 Jul 2025 13:14

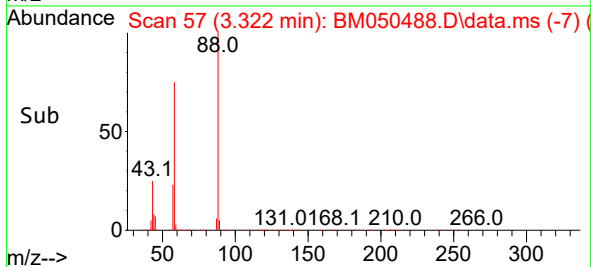
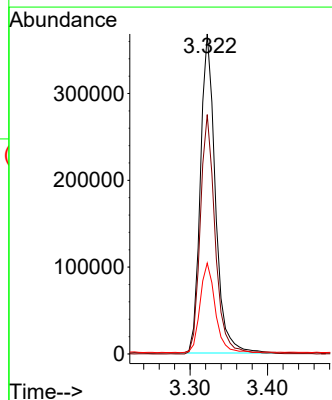
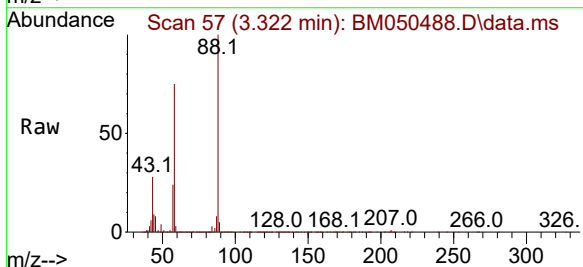
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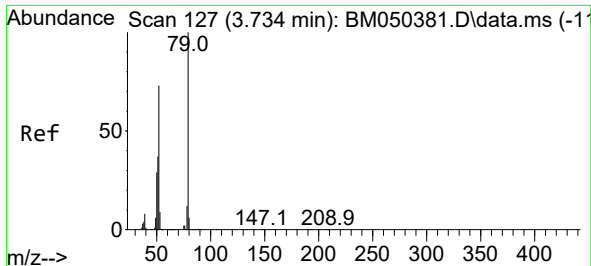
Tgt Ion:152 Resp: 538986
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.2 189.4
 115 55.0 45.8 68.8



#2
 1,4-Dioxane
 Concen: 38.254 ng
 RT: 3.322 min Scan# 57
 Delta R.T. -0.006 min
 Lab File: BM050488.D
 Acq: 23 Jul 2025 13:14

Tgt Ion: 88 Resp: 492545
 Ion Ratio Lower Upper
 88 100
 58 75.0 61.0 91.6
 43 28.4 24.6 37.0

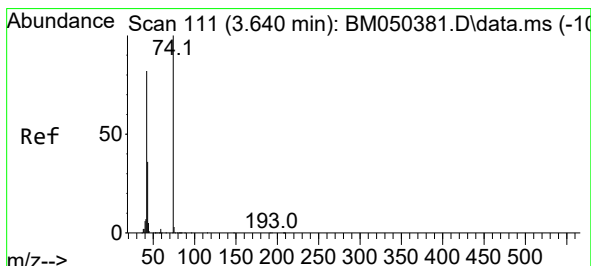
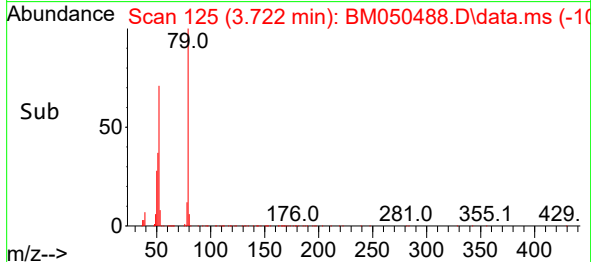
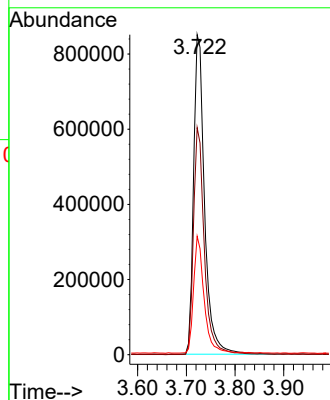
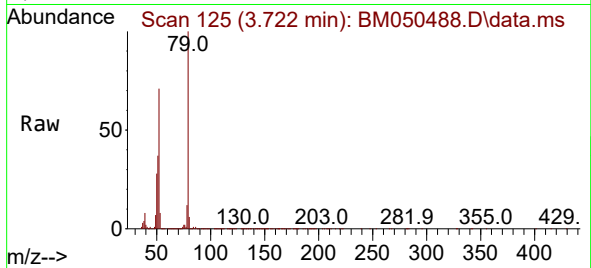




#3
Pyridine
Concen: 39.731 ng
RT: 3.722 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

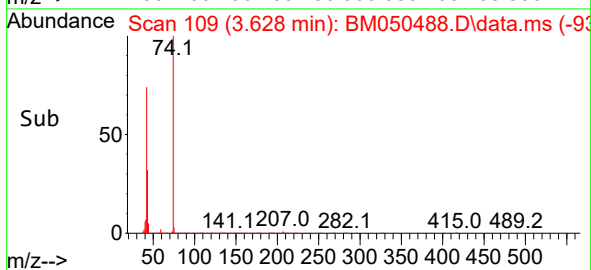
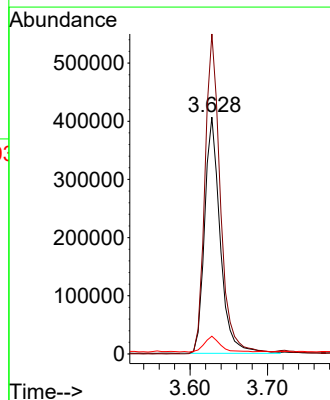
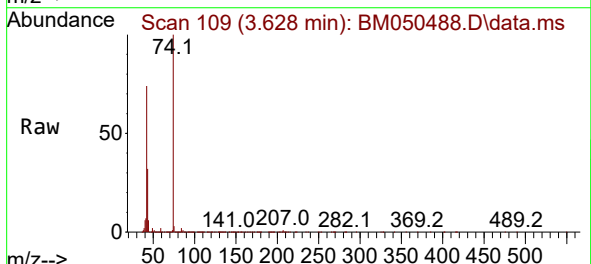
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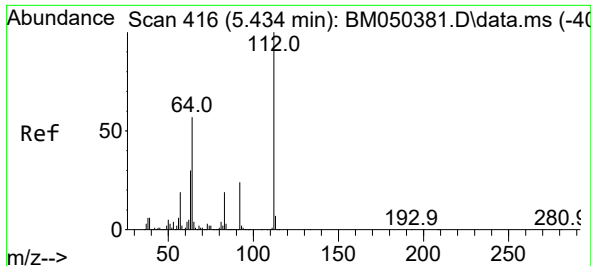
Tgt Ion: 79 Resp: 1343046
Ion Ratio Lower Upper
79 100
52 70.9 58.3 87.5
51 37.0 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 35.960 ng
RT: 3.628 min Scan# 109
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 42 Resp: 566685
Ion Ratio Lower Upper
42 100
74 135.1 97.5 146.3
44 7.5 5.7 8.5

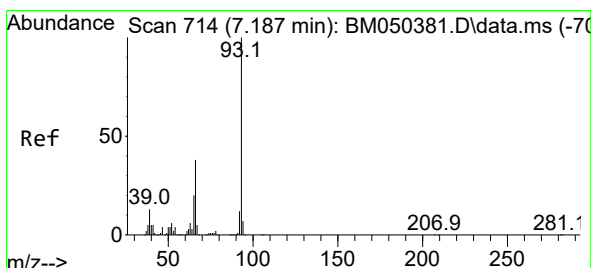
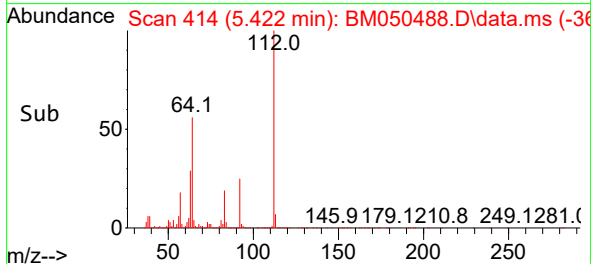
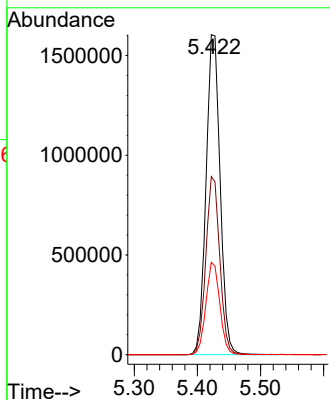
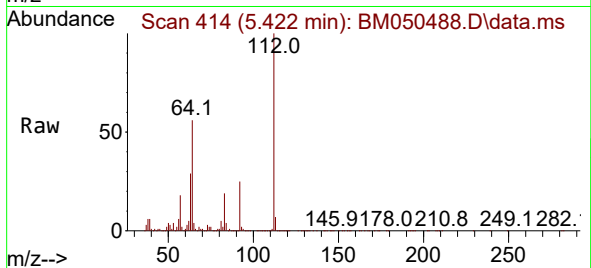




#5
2-Fluorophenol
Concen: 79.501 ng
RT: 5.422 min Scan# 416
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

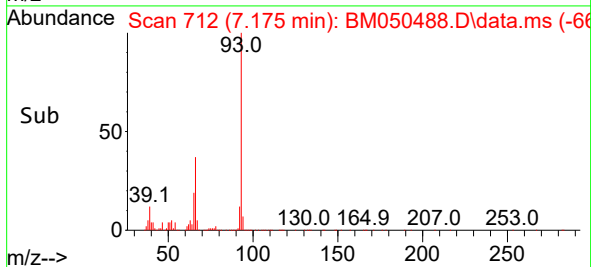
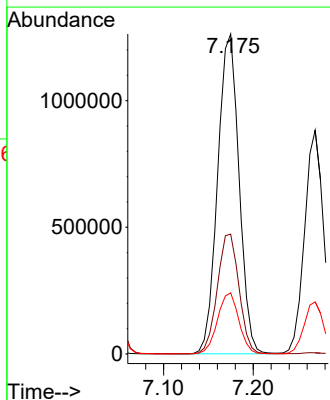
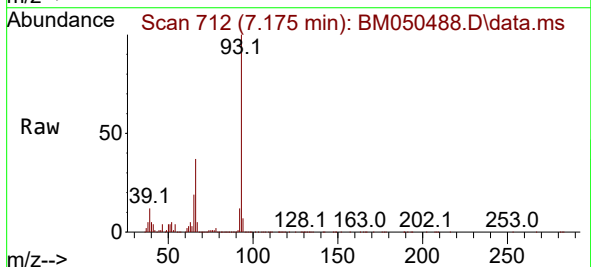
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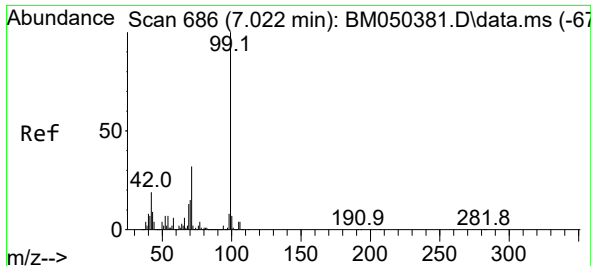
Tgt Ion:112 Resp: 2489356
Ion Ratio Lower Upper
112 100
64 55.7 45.5 68.3
63 28.9 24.2 36.4



#6
Aniline
Concen: 41.320 ng
RT: 7.175 min Scan# 712
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 93 Resp: 2093159
Ion Ratio Lower Upper
93 100
66 37.4 30.5 45.7
65 19.1 15.9 23.9

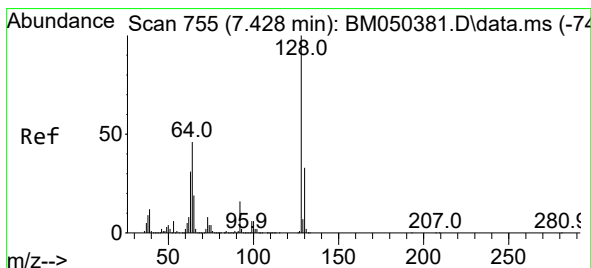
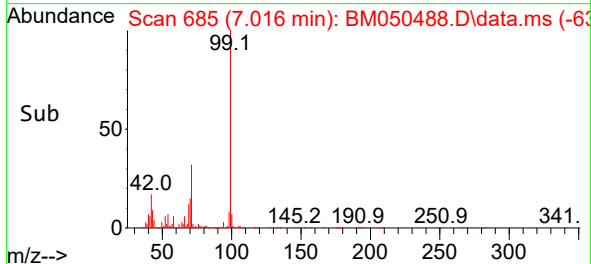
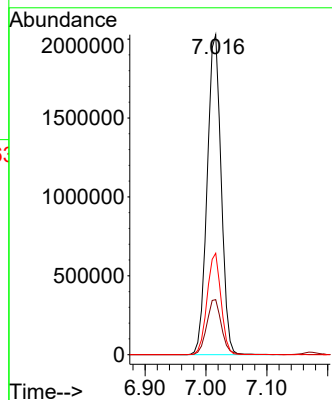
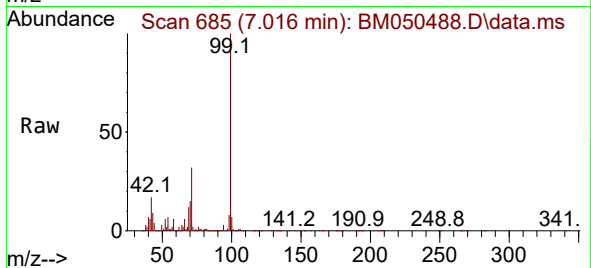




#7
Phenol-d6
Concen: 81.901 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

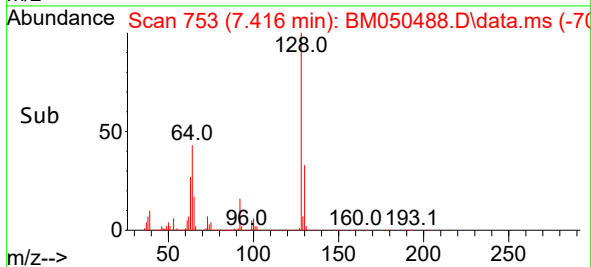
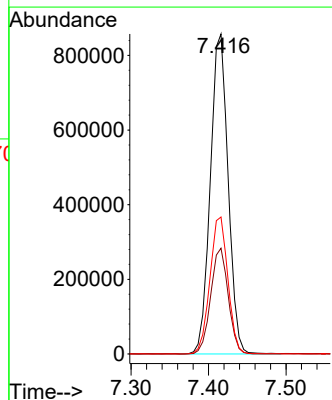
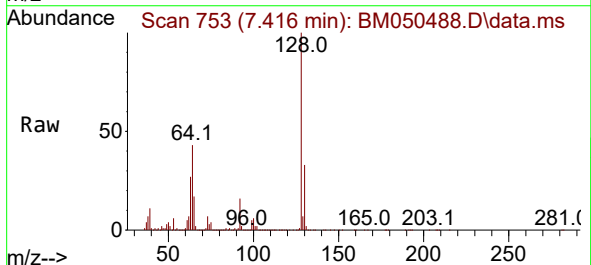
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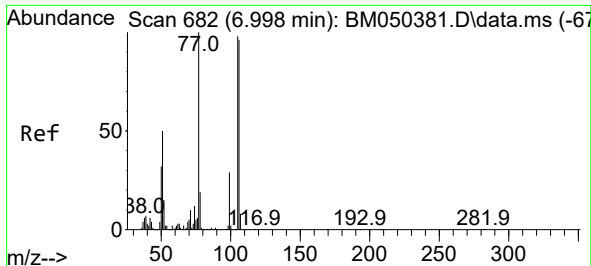
Tgt Ion: 99 Resp: 3232837
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.6
71 31.7 25.9 38.9



#8
2-Chlorophenol
Concen: 41.387 ng
RT: 7.416 min Scan# 753
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:128 Resp: 1366493
Ion Ratio Lower Upper
128 100
130 33.1 13.3 53.3
64 42.8 25.6 65.6

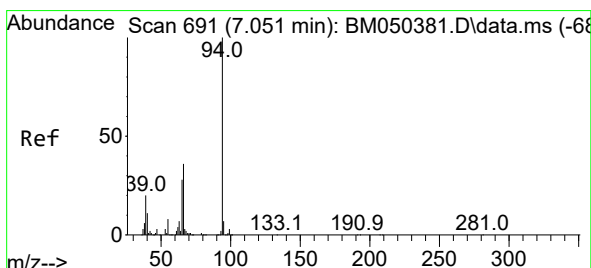
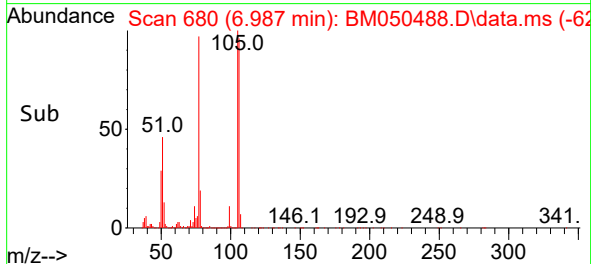
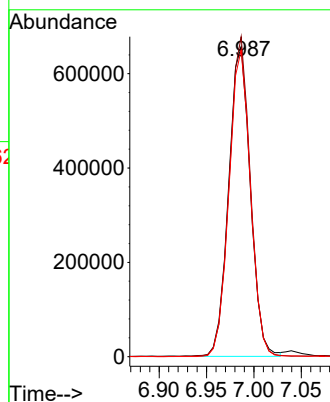
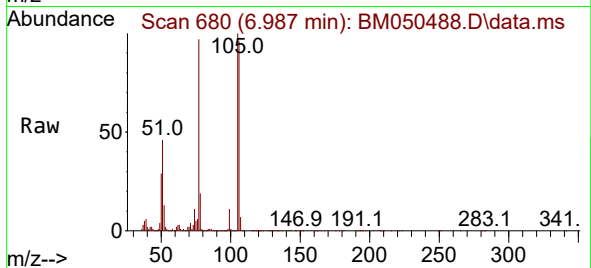




#9
Benzaldehyde
Concen: 44.554 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
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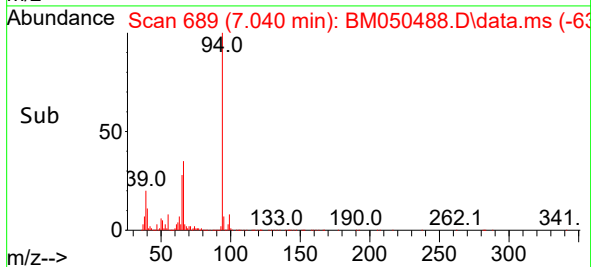
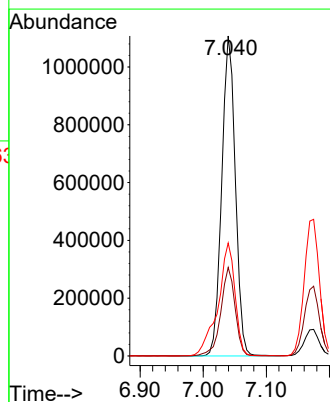
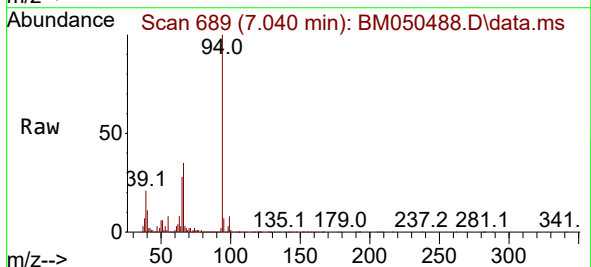
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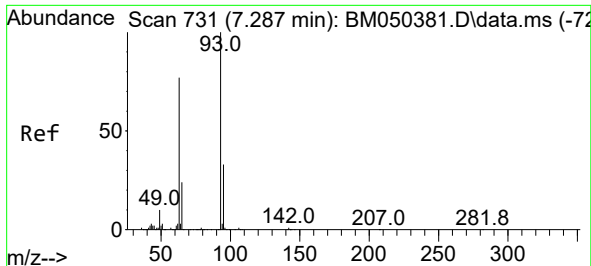
Tgt Ion: 77 Resp: 1046153
Ion Ratio Lower Upper
77 100
105 103.2 78.4 118.4
106 98.9 76.3 116.3



#10
Phenol
Concen: 40.266 ng
RT: 7.040 min Scan# 689
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 1657774
Ion Ratio Lower Upper
94 100
65 27.6 8.1 48.1
66 35.3 15.8 55.8

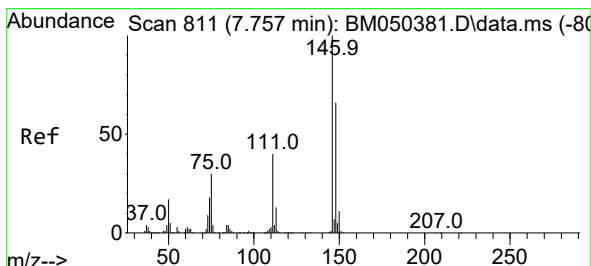
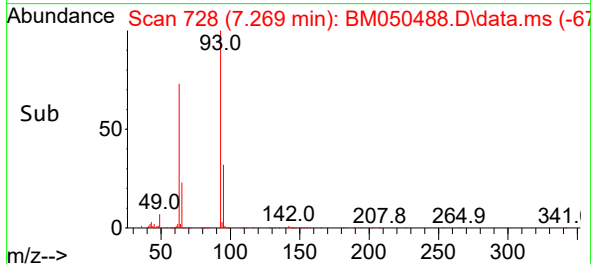
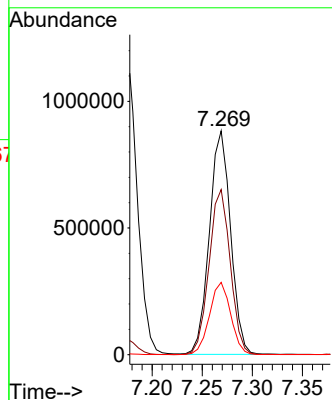
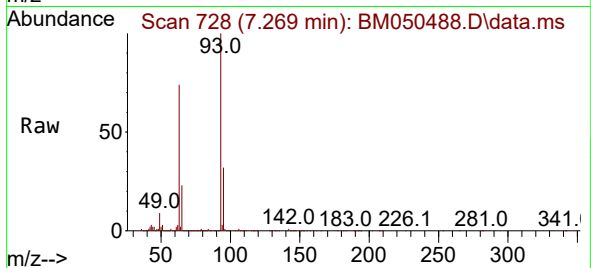




#11
bis(2-Chloroethyl)ether
Concen: 39.410 ng
RT: 7.269 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

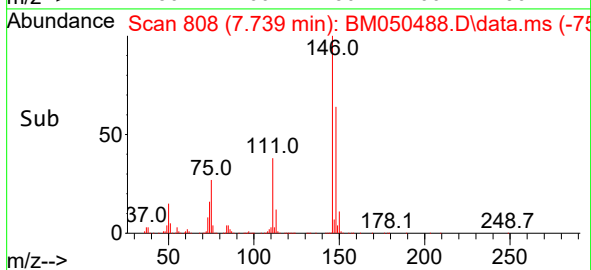
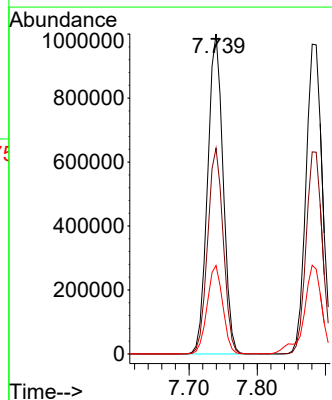
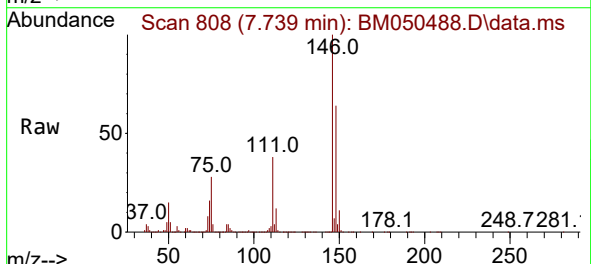
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

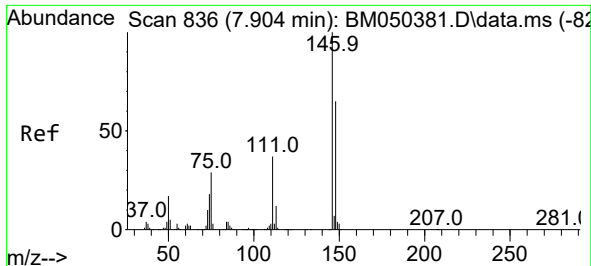
Tgt Ion: 93 Resp: 1299397
Ion Ratio Lower Upper
93 100
63 73.8 56.9 96.9
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.386 ng
RT: 7.739 min Scan# 808
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:146 Resp: 1581255
Ion Ratio Lower Upper
146 100
148 64.3 53.2 79.8
75 27.7 23.9 35.9

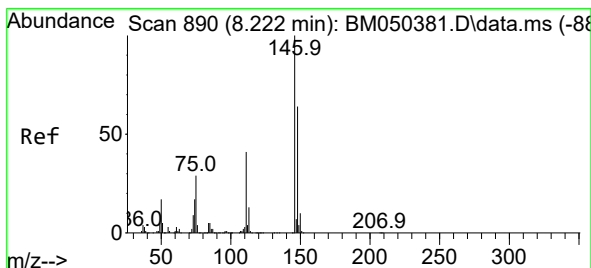
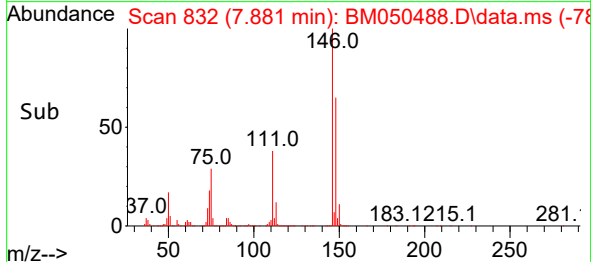
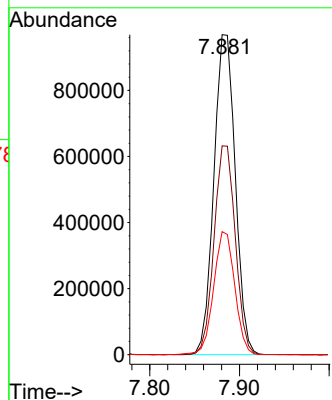
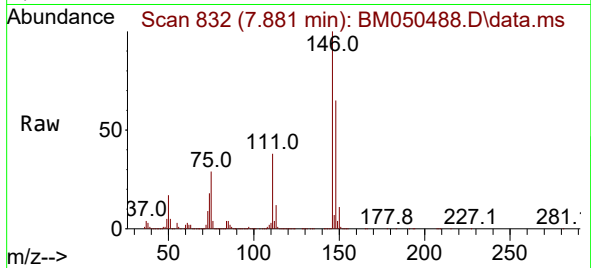




#13
1,4-Dichlorobenzene
Concen: 39.181 ng
RT: 7.881 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

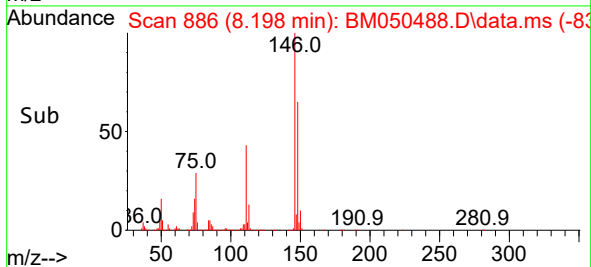
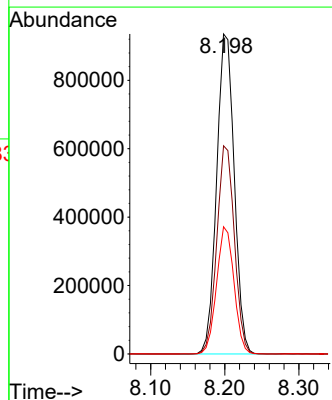
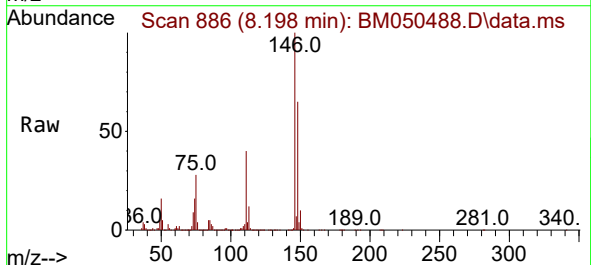
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

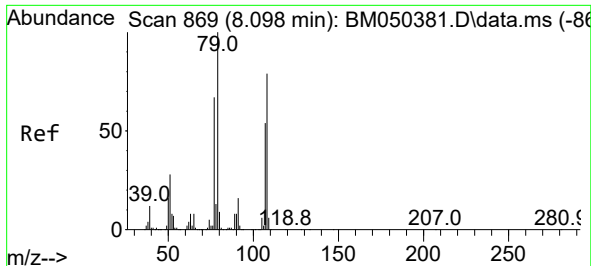
Tgt Ion:146 Resp: 1606217
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
111 38.5 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 39.362 ng
RT: 8.198 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:146 Resp: 1544871
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 39.8 32.6 49.0

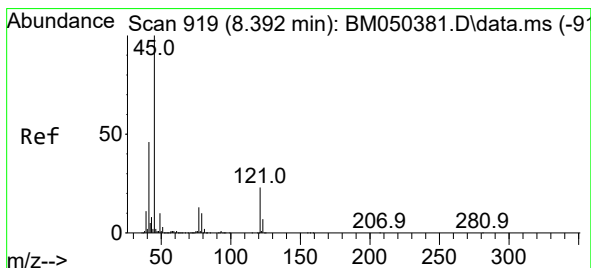
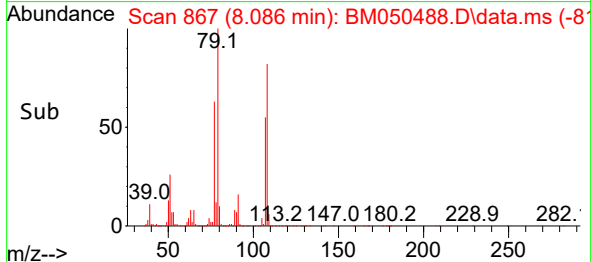
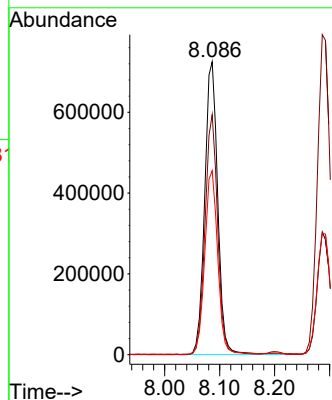
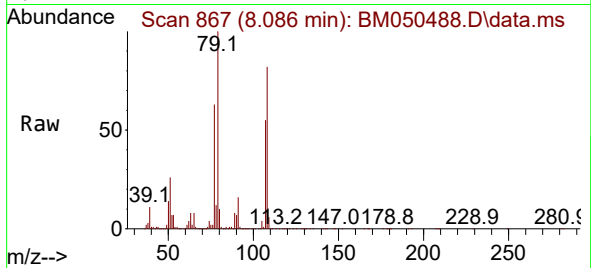




#15
Benzyl Alcohol
Concen: 42.755 ng
RT: 8.086 min Scan# 869
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

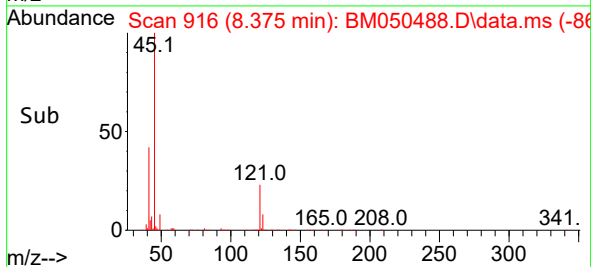
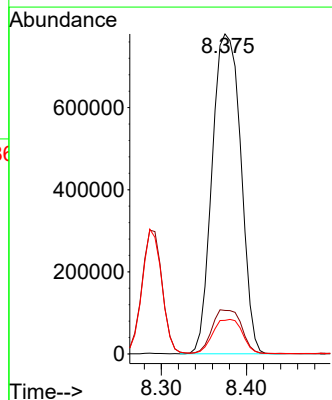
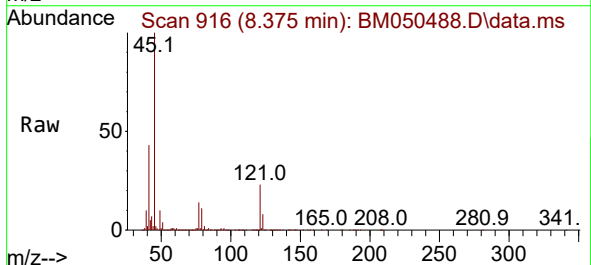
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

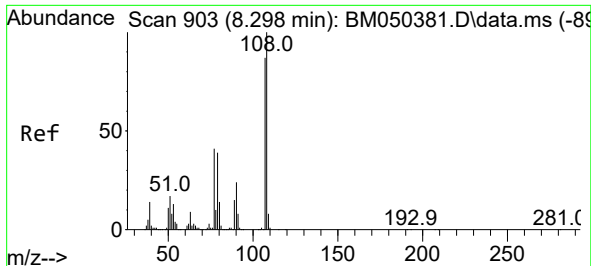
Tgt Ion: 79 Resp: 1189108
Ion Ratio Lower Upper
79 100
108 81.9 63.0 94.4
77 62.8 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.486 ng
RT: 8.375 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 45 Resp: 1820521
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.5
79 10.5 0.0 30.3

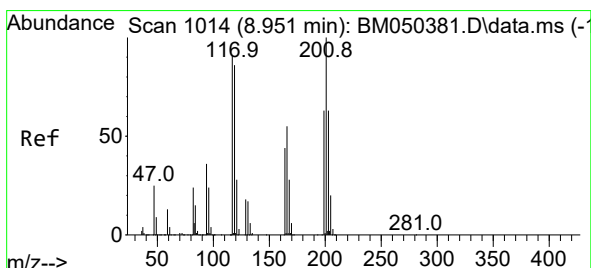
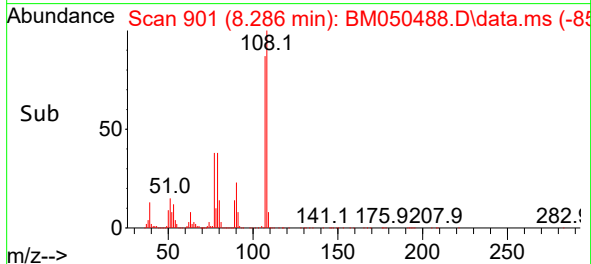
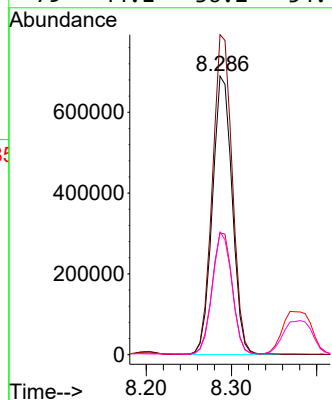
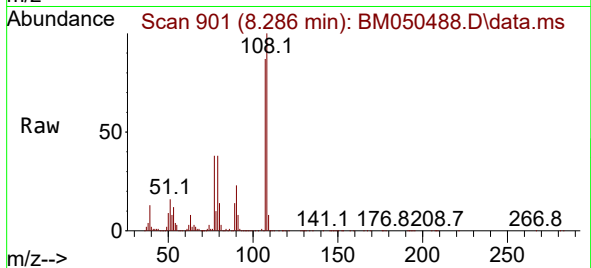




#17
2-Methylphenol
Concen: 41.606 ng
RT: 8.286 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

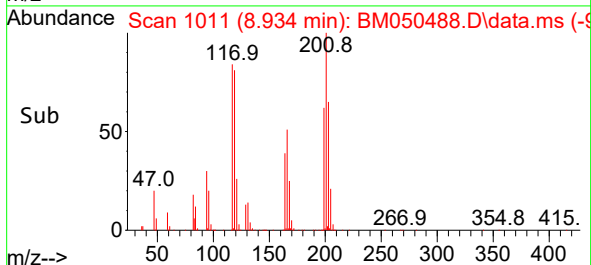
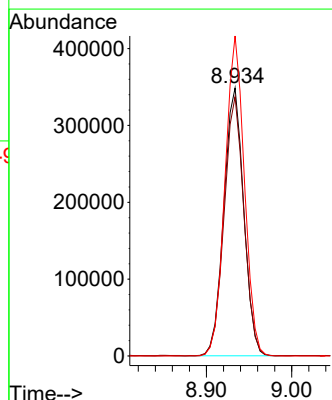
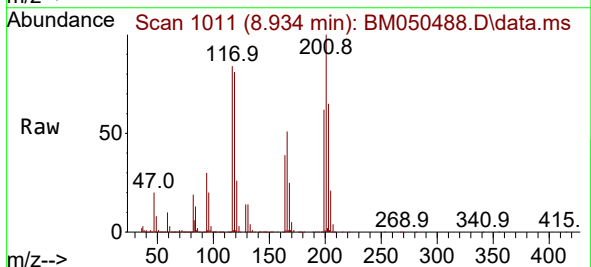
Instrument :
BNA_M
ClientSampleId :
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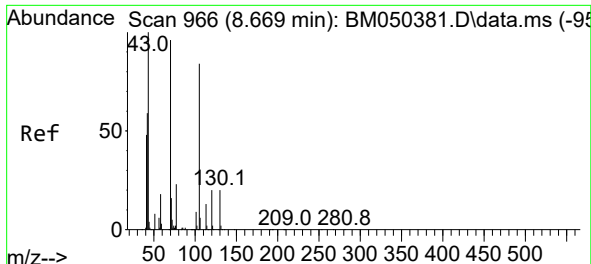
Tgt Ion:107 Resp: 1110980
Ion Ratio Lower Upper
107 100
108 114.9 92.1 138.1
77 43.8 38.2 57.4
79 44.1 36.2 54.4



#18
Hexachloroethane
Concen: 39.156 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:117 Resp: 564527
Ion Ratio Lower Upper
117 100
119 96.7 75.6 113.4
201 119.4 87.9 131.9

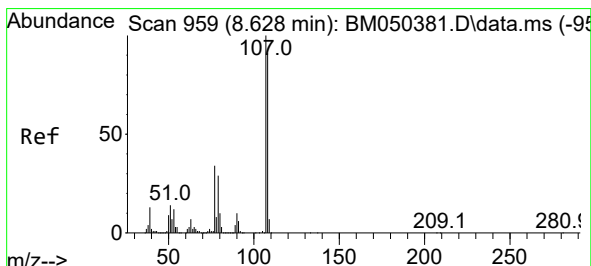
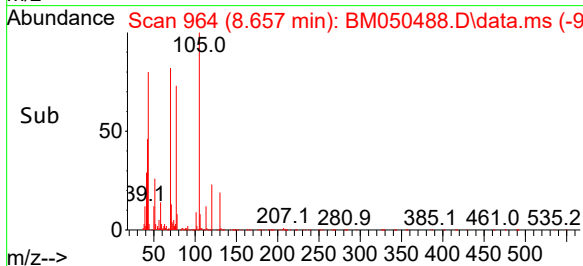
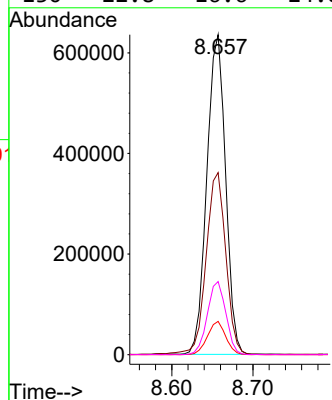
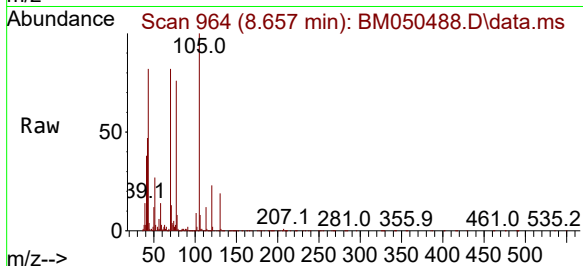




#19
n-Nitroso-di-n-propylamine
Concen: 42.563 ng
RT: 8.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

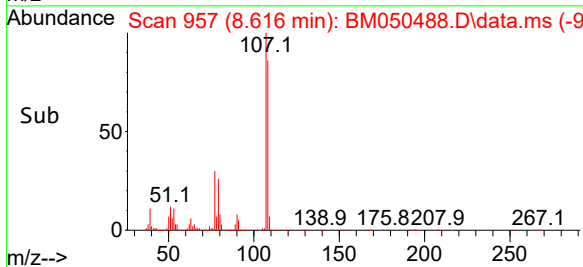
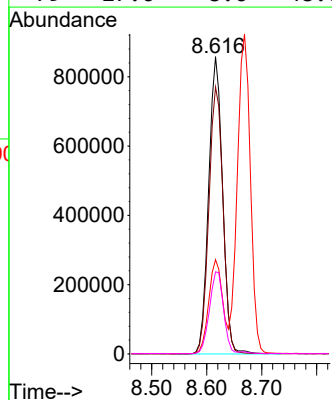
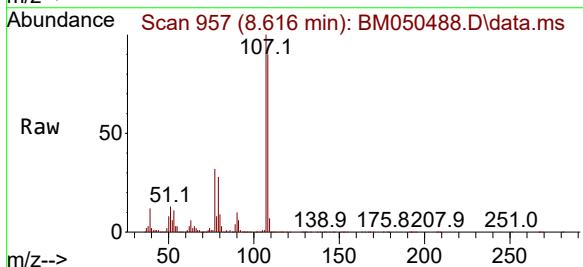
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

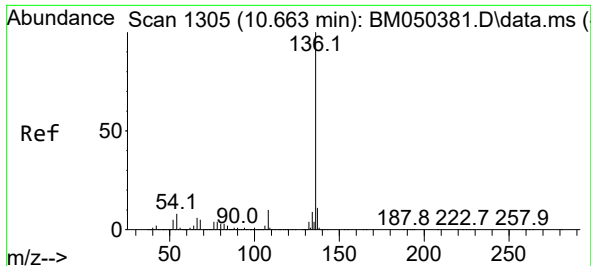
Tgt Ion: 70 Resp: 1017785
Ion Ratio Lower Upper
70 100
42 56.9 49.7 74.5
101 10.4 7.7 11.5
130 22.8 16.6 24.8



#20
3+4-Methylphenols
Concen: 42.131 ng
RT: 8.616 min Scan# 957
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:107 Resp: 1510236
Ion Ratio Lower Upper
107 100
108 89.8 71.5 111.5
77 31.7 13.7 53.7
79 27.6 8.6 48.6

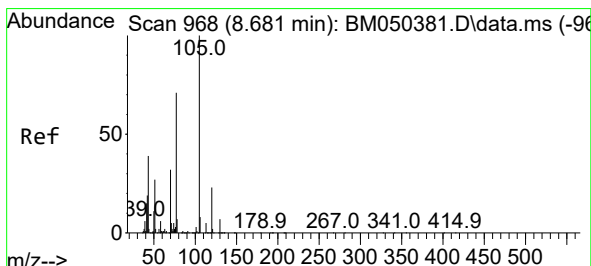
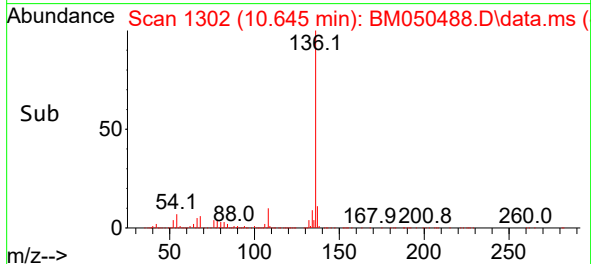
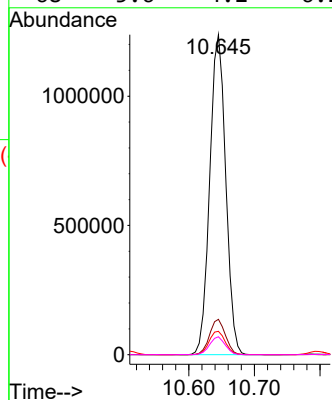
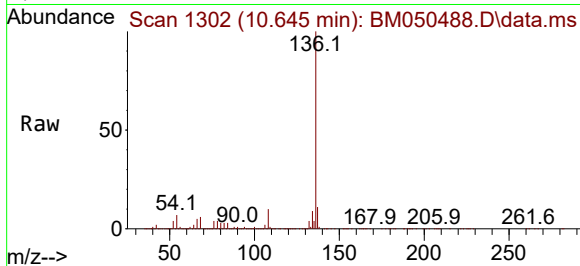




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

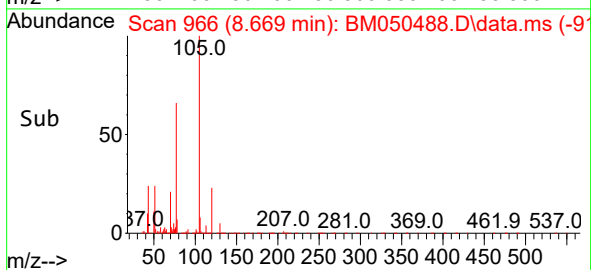
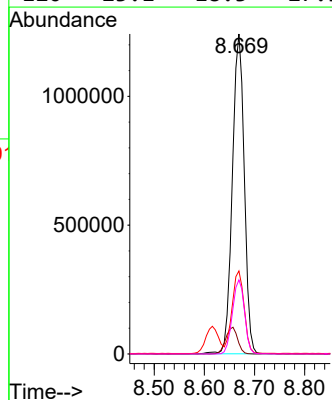
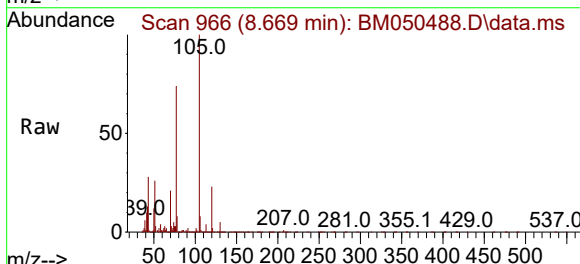
Instrument :
BNA_M
ClientSampleId :
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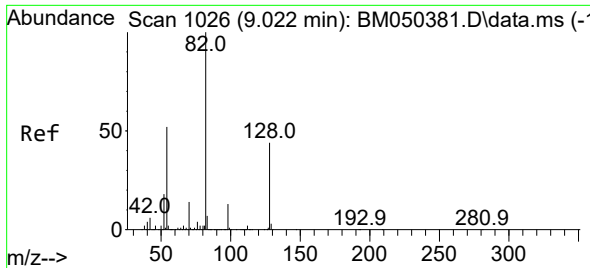
Tgt Ion:136 Resp: 2095876
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 6.3 9.5
68 5.6 4.2 6.2



#22
Acetophenone
Concen: 39.144 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:105 Resp: 2051210
Ion Ratio Lower Upper
105 100
71 3.4 4.4 6.6#
51 25.9 23.0 34.6
120 23.1 18.3 27.5

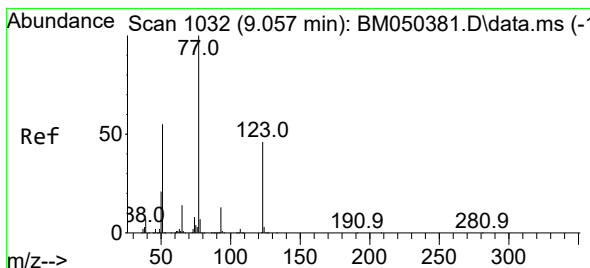
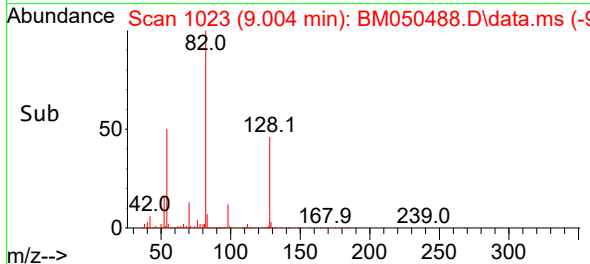
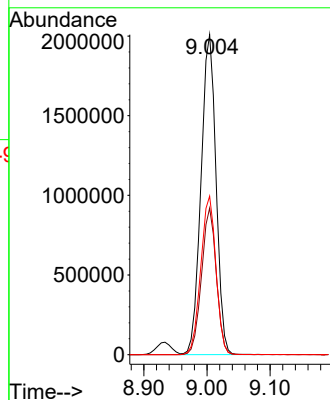
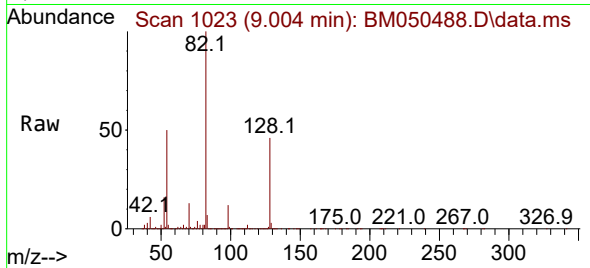




#23
Nitrobenzene-d5
Concen: 80.737 ng
RT: 9.004 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

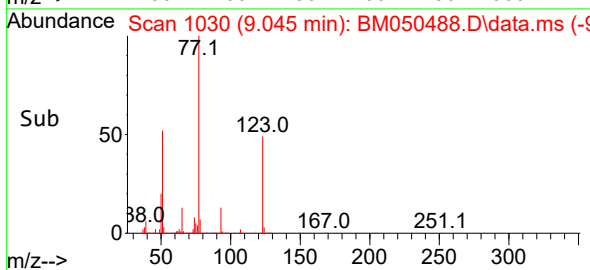
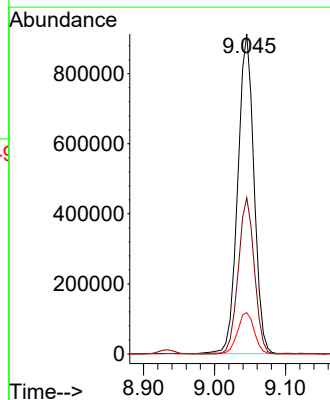
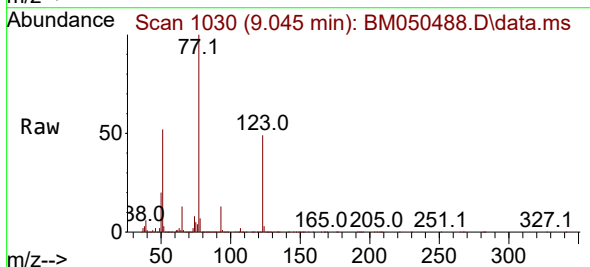
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

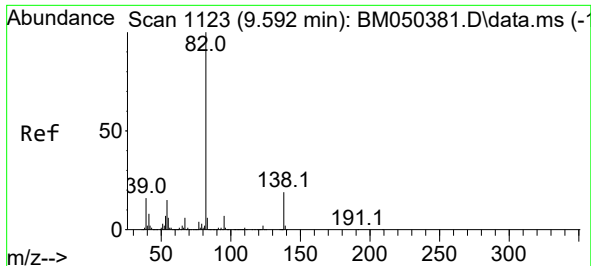
Tgt Ion: 82 Resp: 3316777
Ion Ratio Lower Upper
82 100
128 45.8 35.2 52.8
54 49.6 41.5 62.3



#24
Nitrobenzene
Concen: 39.446 ng
RT: 9.045 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 77 Resp: 1446057
Ion Ratio Lower Upper
77 100
123 48.8 37.0 55.6
65 12.9 11.0 16.4

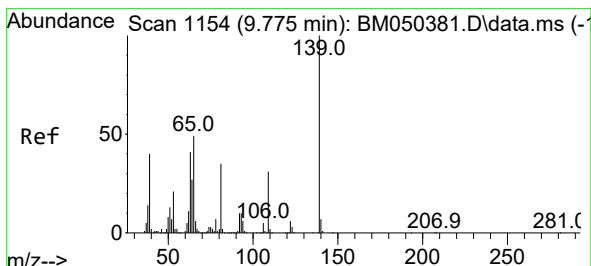
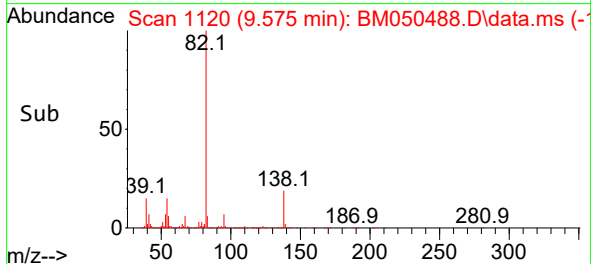
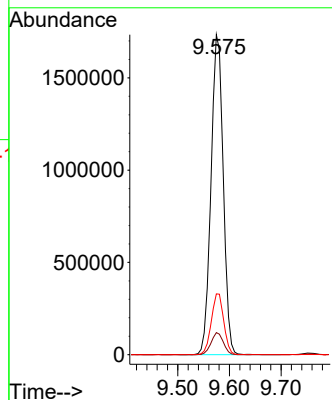
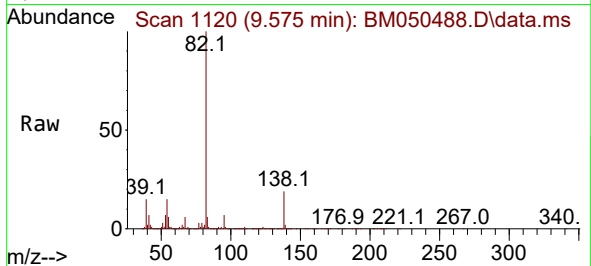




#25
Isophorone
Concen: 42.697 ng
RT: 9.575 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

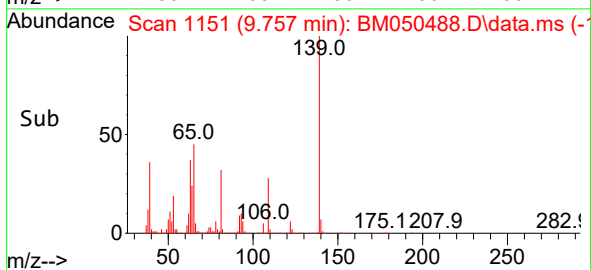
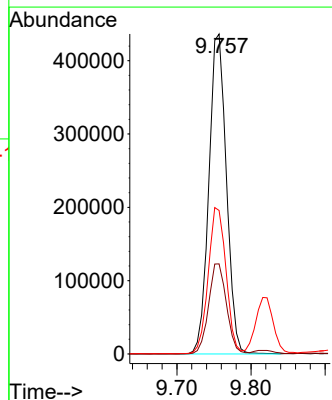
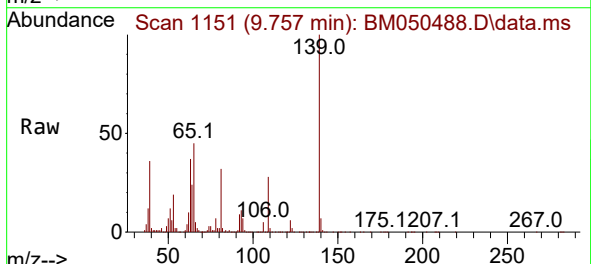
Instrument :
BNA_M
ClientSampleId :
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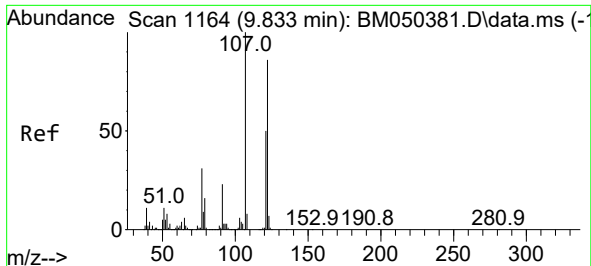
Tgt Ion: 82 Resp: 2846190
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.0 15.3 22.9



#26
2-Nitrophenol
Concen: 47.979 ng
RT: 9.757 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 139 Resp: 716834
Ion Ratio Lower Upper
139 100
109 28.2 24.6 36.8
65 44.9 39.2 58.8

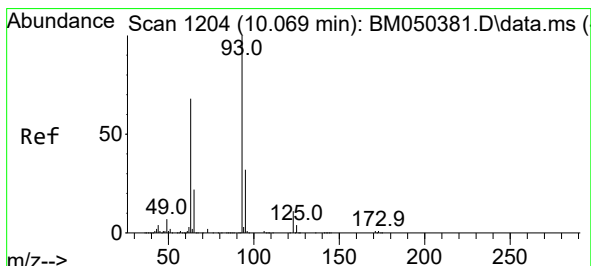
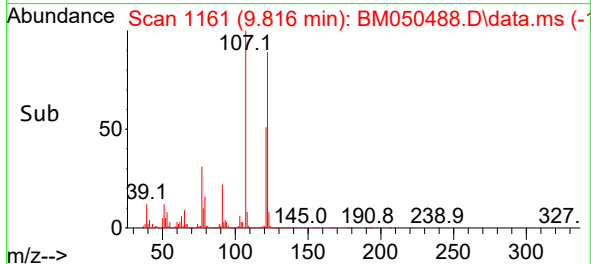
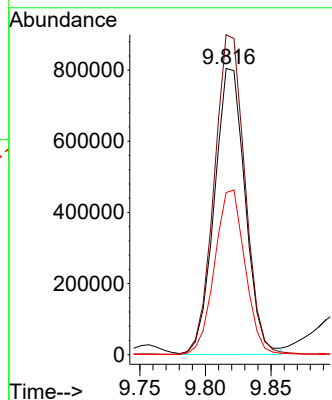
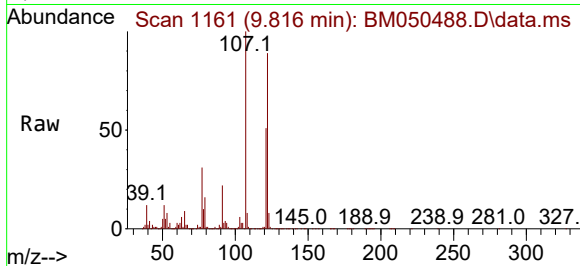




#27
2,4-Dimethylphenol
Concen: 41.327 ng
RT: 9.816 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

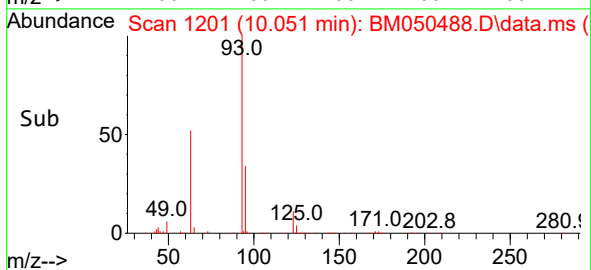
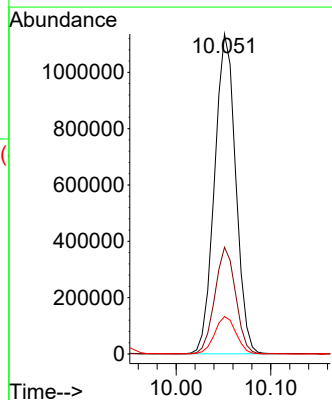
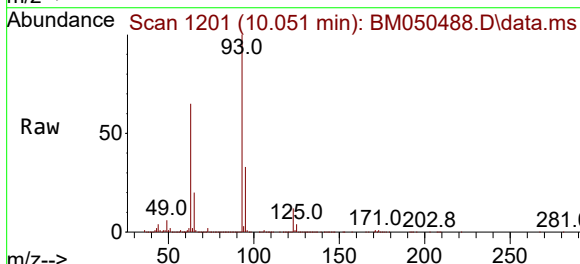
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

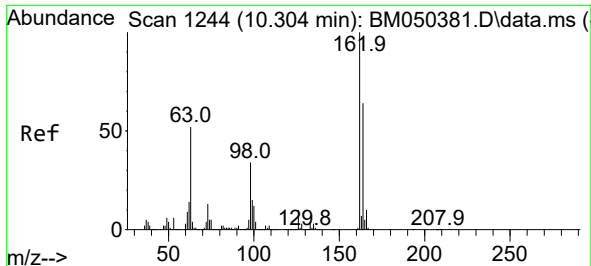
Tgt Ion:122 Resp: 1313867
Ion Ratio Lower Upper
122 100
107 111.8 93.0 139.6
121 56.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.914 ng
RT: 10.051 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 93 Resp: 1763046
Ion Ratio Lower Upper
93 100
95 33.4 25.8 38.6
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.727 ng

RT: 10.292 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

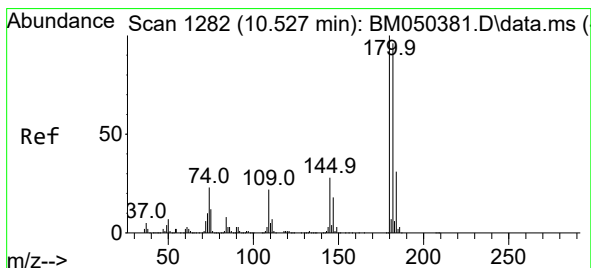
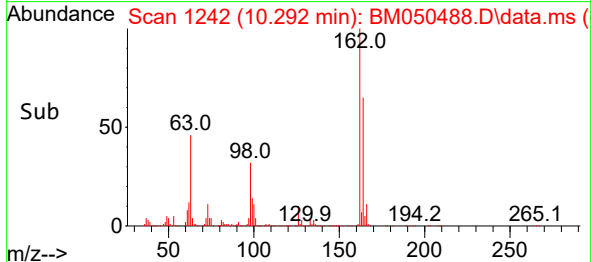
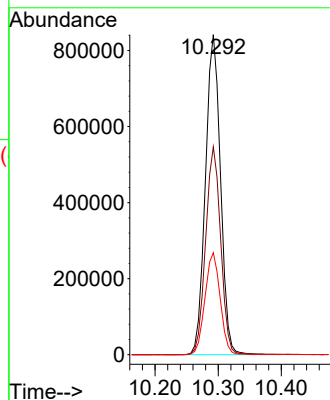
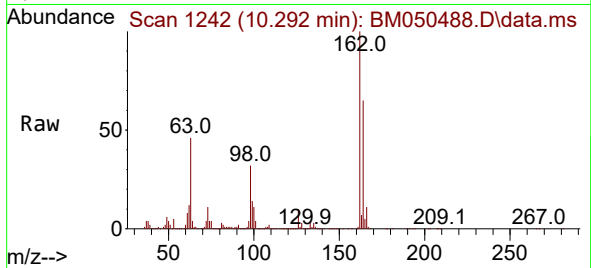
Tgt Ion:162 Resp: 1395541

Ion Ratio Lower Upper

162 100

164 65.0 43.7 83.7

98 31.9 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 40.370 ng

RT: 10.510 min Scan# 1279

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

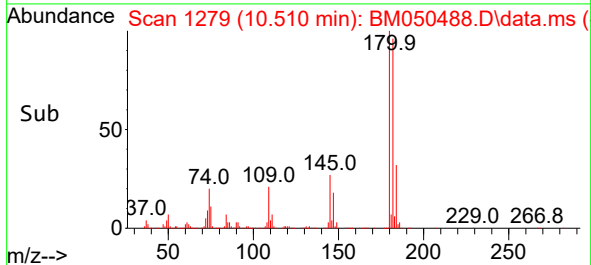
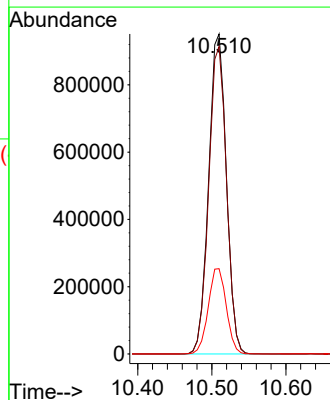
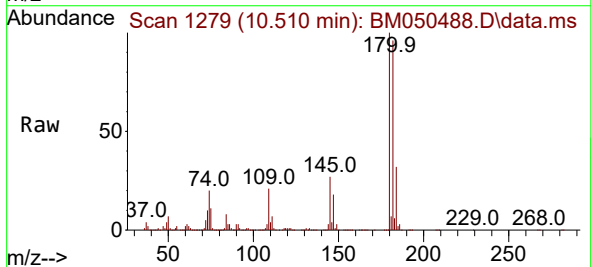
Tgt Ion:180 Resp: 1577367

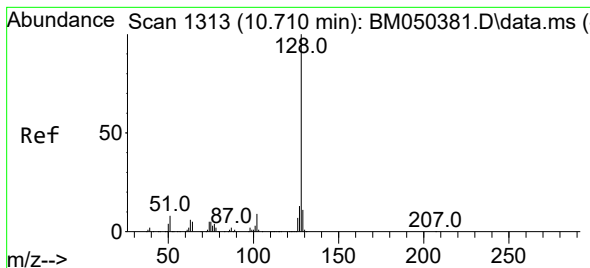
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 26.7 22.6 33.8

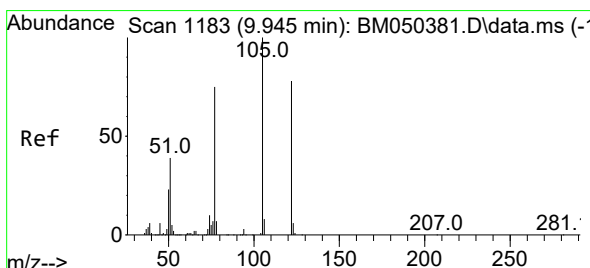
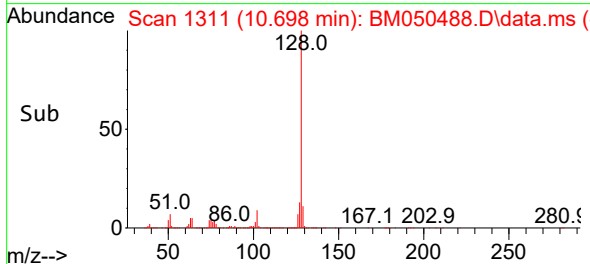
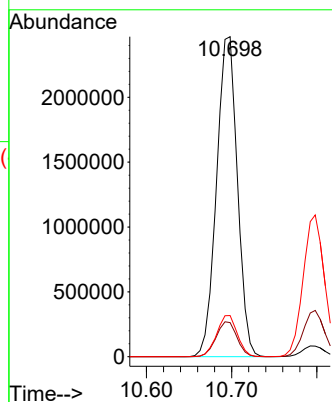
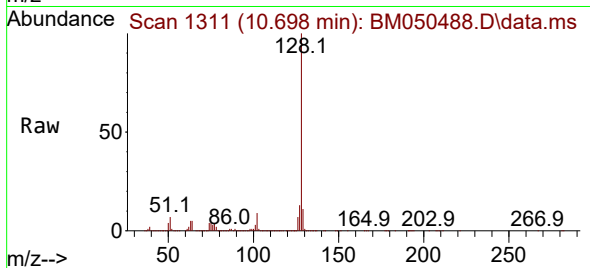




#31
Naphthalene
Concen: 39.345 ng
RT: 10.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

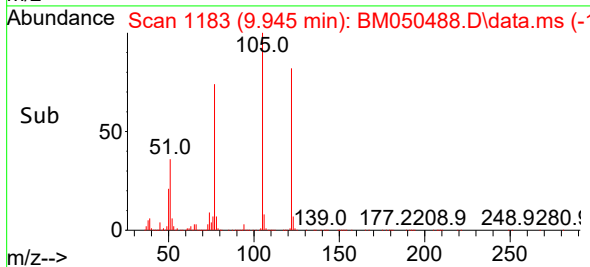
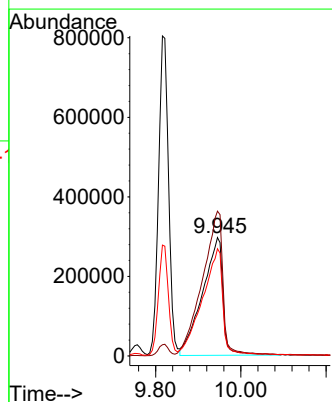
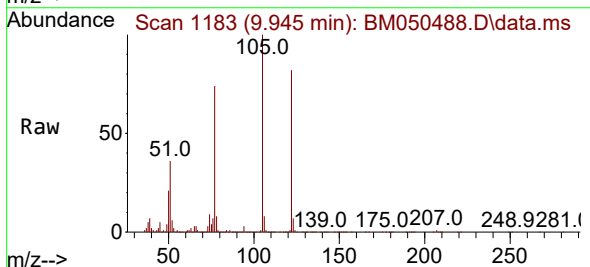
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

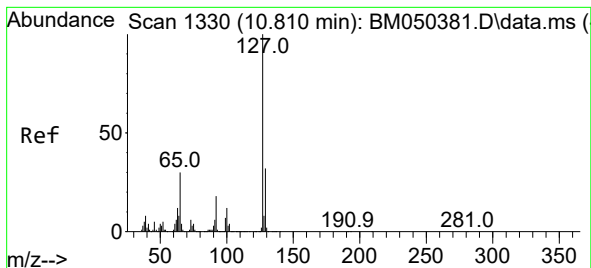
Tgt Ion:128 Resp: 4188454
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 50.347 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:122 Resp: 988996
Ion Ratio Lower Upper
122 100
105 122.4 104.0 144.0
77 90.5 73.8 113.8



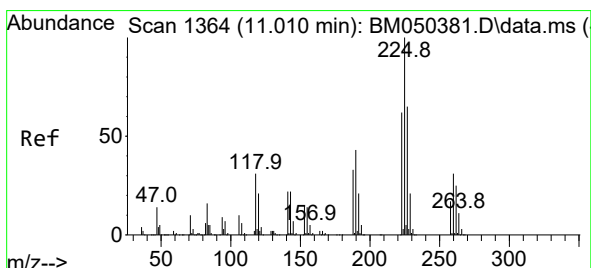
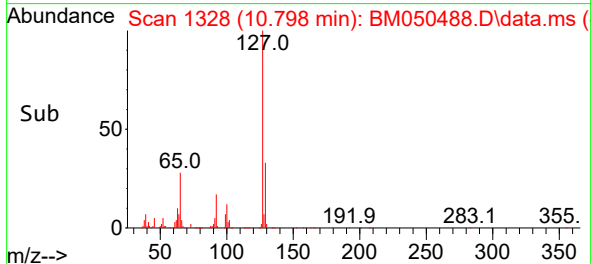
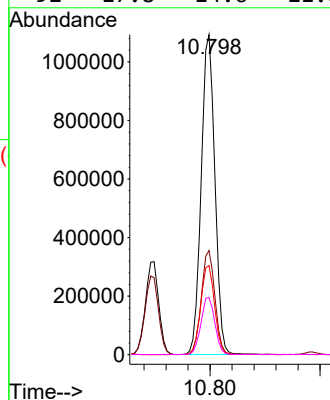
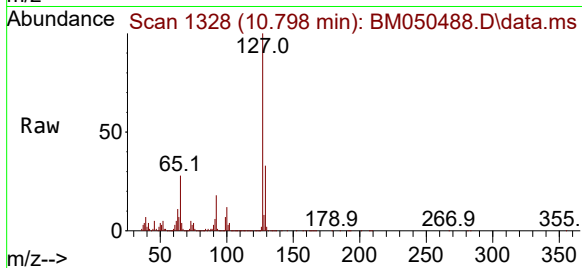


#33
4-Chloroaniline
Concen: 42.048 ng
RT: 10.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1892384

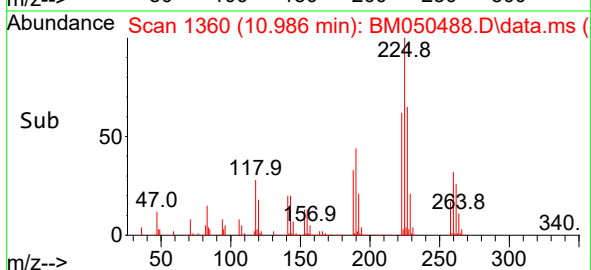
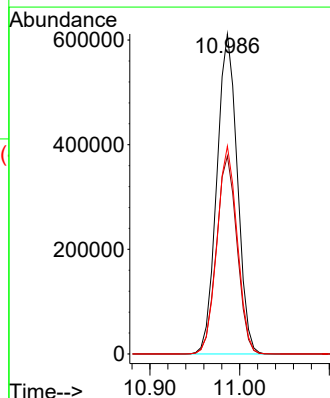
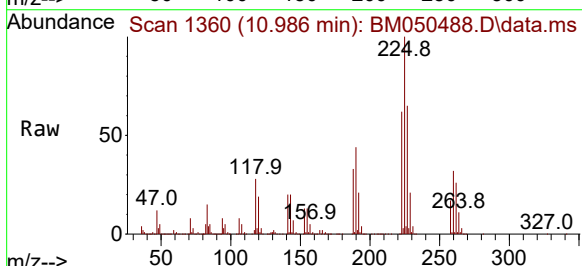
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	27.9	23.9	35.9
92	17.8	14.6	21.8

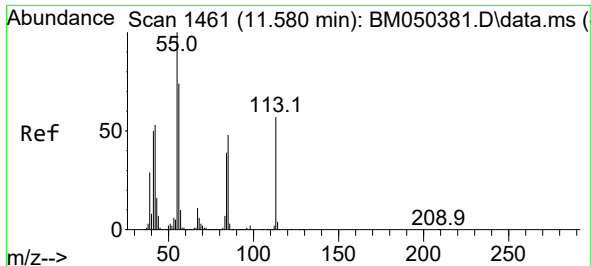


#34
Hexachlorobutadiene
Concen: 40.602 ng
RT: 10.986 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:225 Resp: 968266

Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	65.0	52.1	78.1

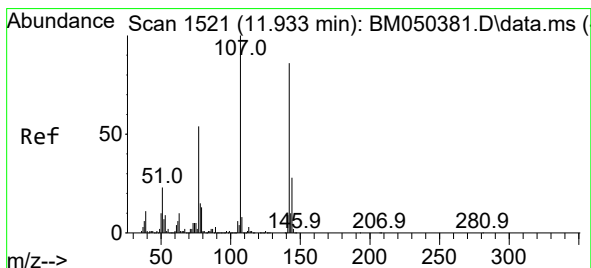
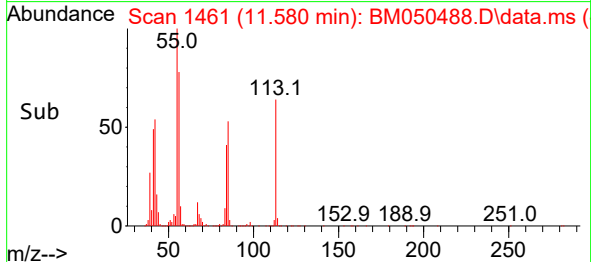
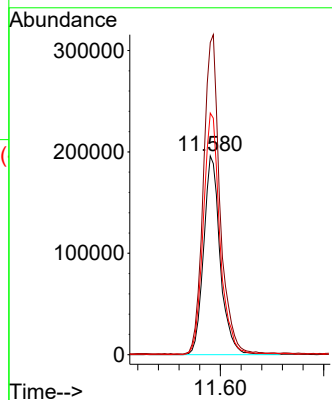
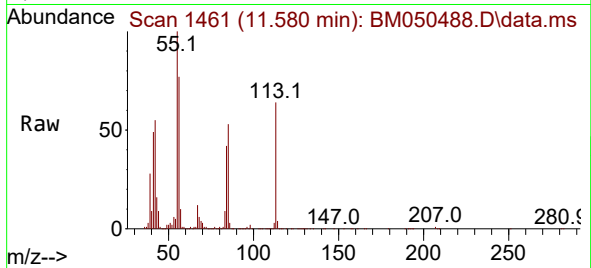




#35
 Caprolactam
 Concen: 48.795 ng
 RT: 11.580 min Scan# 1461
 Delta R.T. 0.006 min
 Lab File: BM050488.D
 Acq: 23 Jul 2025 13:14

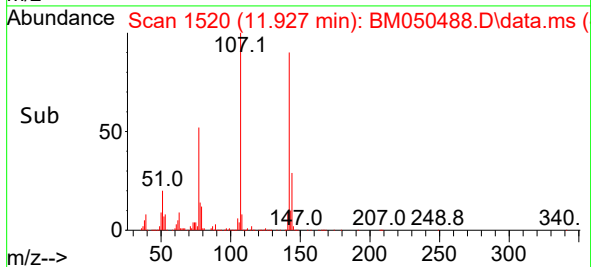
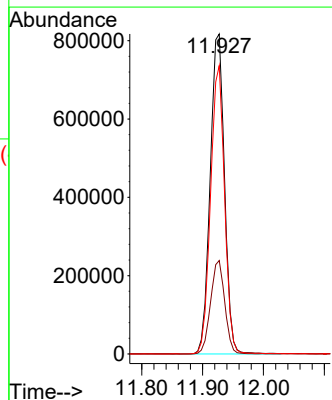
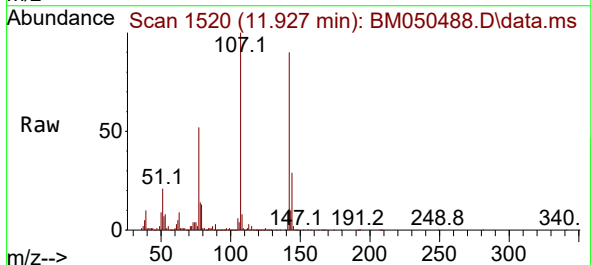
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

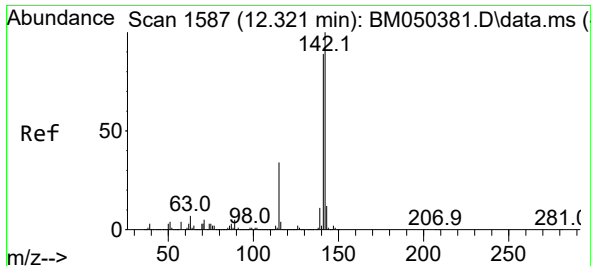
Tgt Ion:113 Resp: 435069
 Ion Ratio Lower Upper
 113 100
 55 157.1 157.2 197.2#
 56 121.6 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.748 ng
 RT: 11.927 min Scan# 1520
 Delta R.T. 0.012 min
 Lab File: BM050488.D
 Acq: 23 Jul 2025 13:14

Tgt Ion:107 Resp: 1334323
 Ion Ratio Lower Upper
 107 100
 144 29.2 22.2 33.4
 142 90.1 68.7 103.1





#37

2-Methylnaphthalene

Concen: 41.640 ng

RT: 12.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

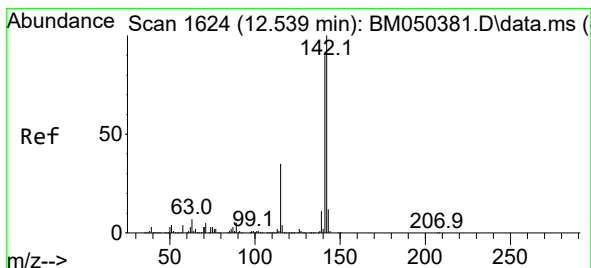
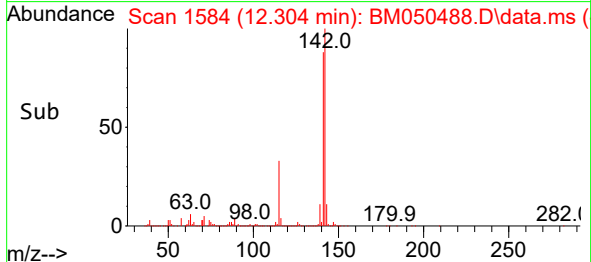
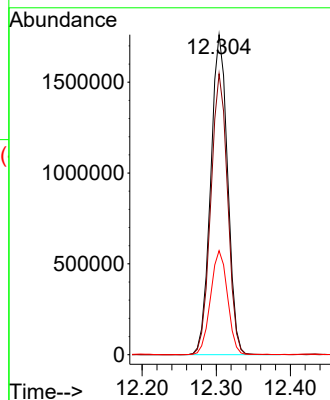
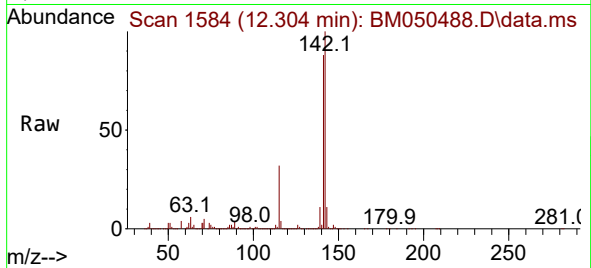
Tgt Ion:142 Resp: 2798868

Ion Ratio Lower Upper

142 100

141 87.8 70.8 106.2

115 32.5 27.0 40.4



#38

1-Methylnaphthalene

Concen: 41.485 ng

RT: 12.522 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

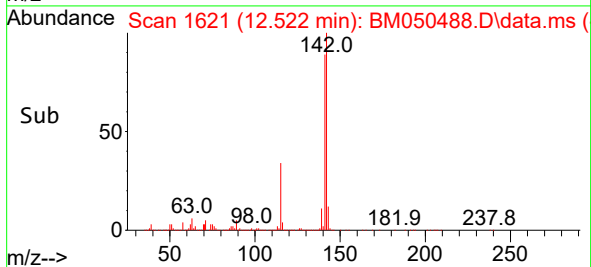
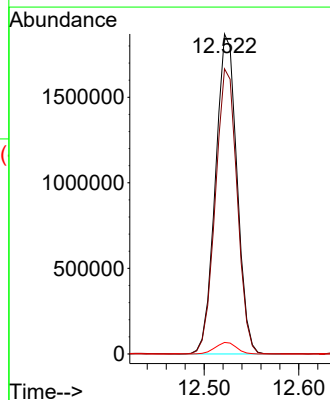
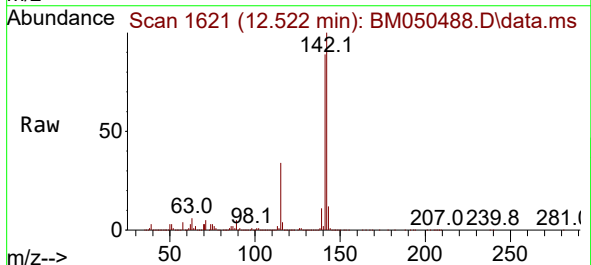
Tgt Ion:142 Resp: 2951025

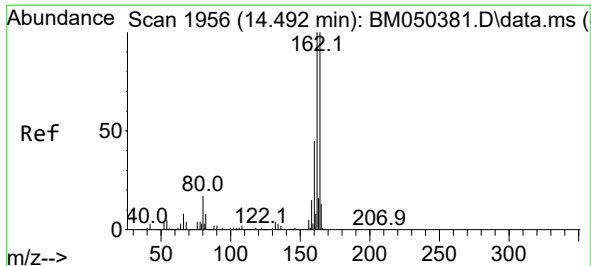
Ion Ratio Lower Upper

142 100

141 89.1 71.9 107.9

116 3.6 3.0 4.6

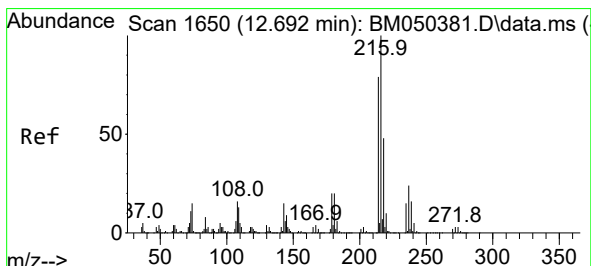
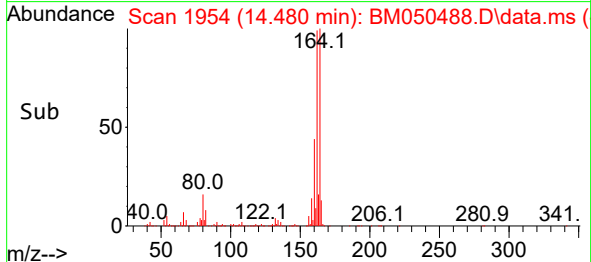
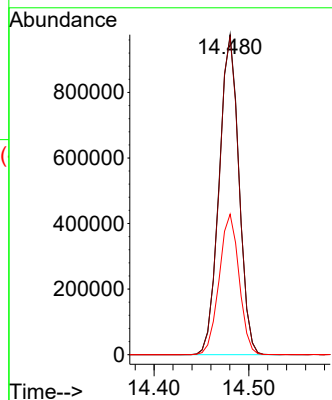
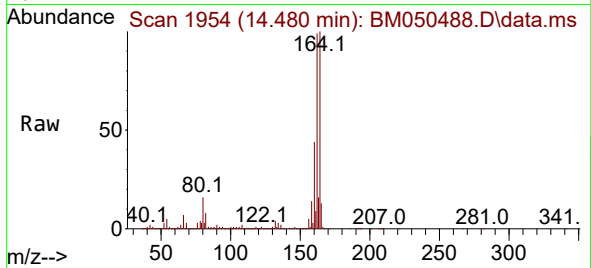




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

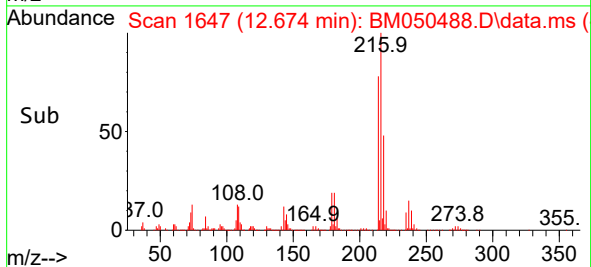
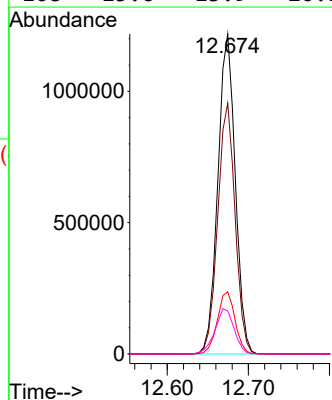
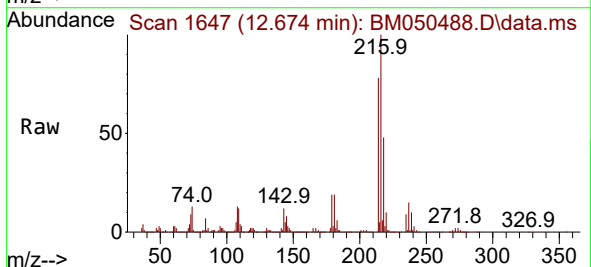
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

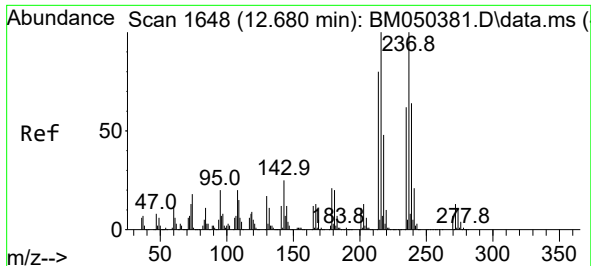
Tgt Ion:164 Resp: 1417302
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 43.9 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.292 ng
RT: 12.674 min Scan# 1647
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:216 Resp: 1816001
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 19.8 16.4 24.6
108 15.6 13.9 20.9

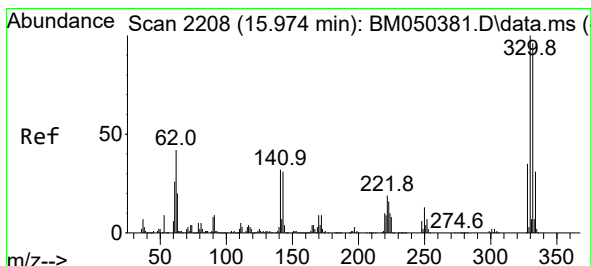
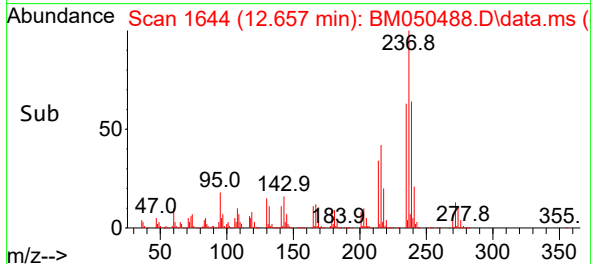
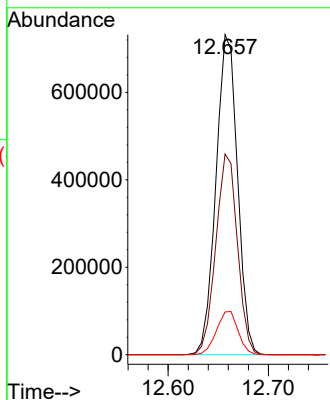
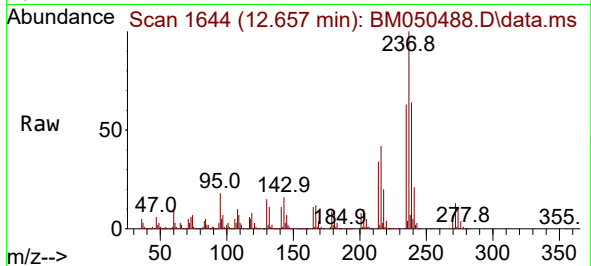




#41
Hexachlorocyclopentadiene
Concen: 37.906 ng
RT: 12.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

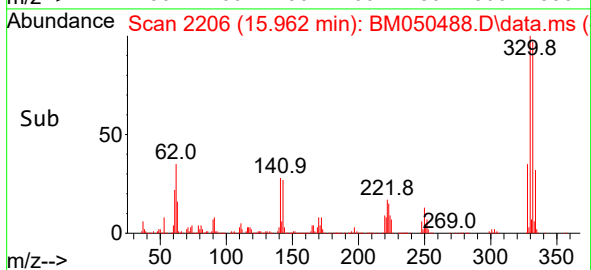
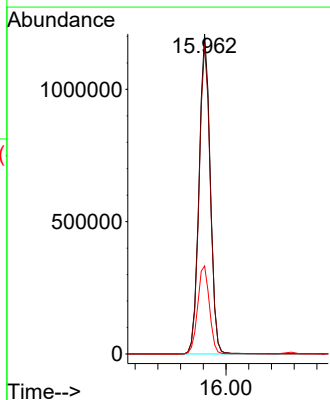
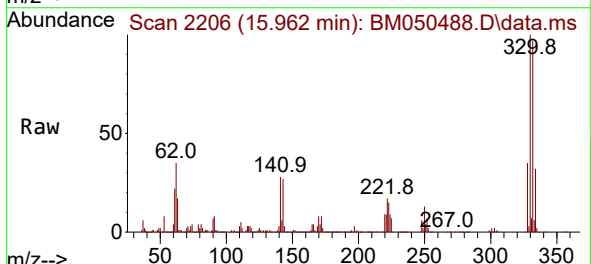
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

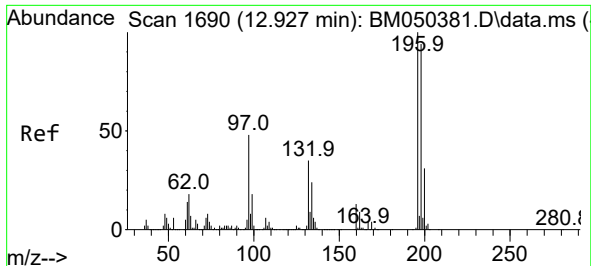
Tgt Ion:237 Resp: 1092084
Ion Ratio Lower Upper
237 100
235 62.7 42.3 82.3
272 13.4 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 95.785 ng
RT: 15.962 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:330 Resp: 1649457
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 29.0 27.4 41.0

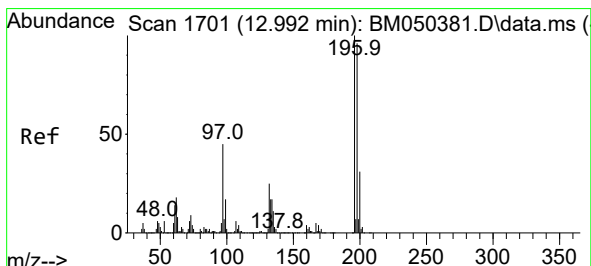
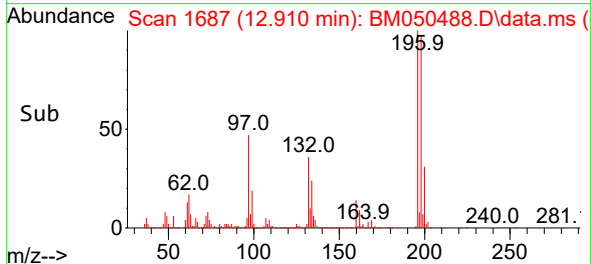
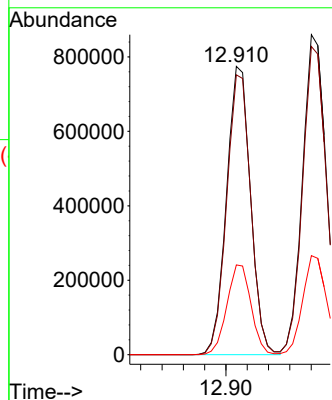
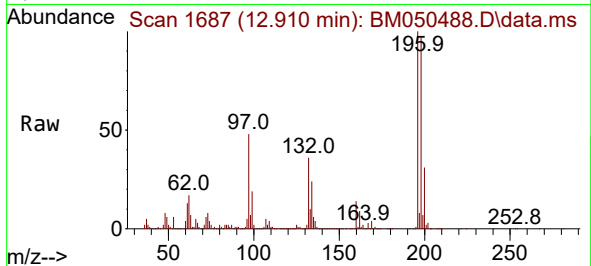




#43
2,4,6-Trichlorophenol
Concen: 43.762 ng
RT: 12.910 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

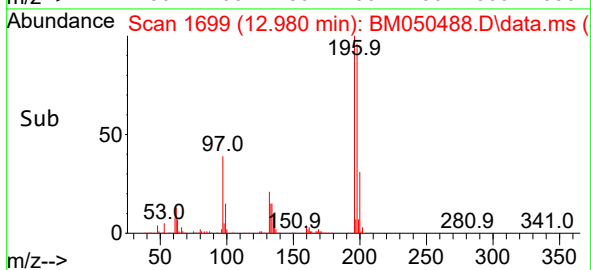
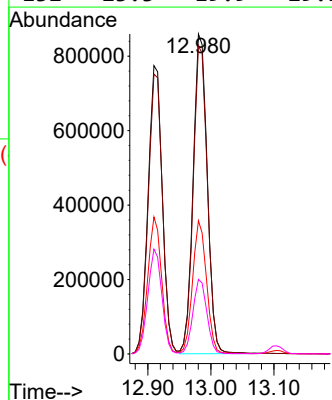
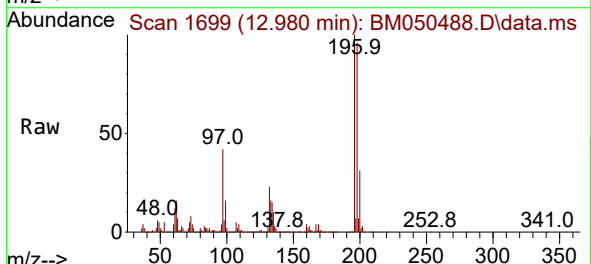
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

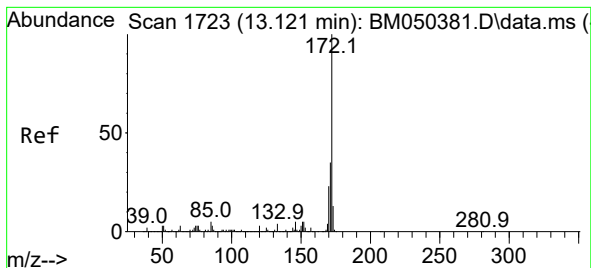
Tgt Ion:196 Resp: 1214104
Ion Ratio Lower Upper
196 100
198 97.1 75.1 112.7
200 31.1 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.153 ng
RT: 12.980 min Scan# 1699
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:196 Resp: 1337813
Ion Ratio Lower Upper
196 100
198 96.3 77.2 115.8
97 41.6 36.2 54.4
132 23.3 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 78.238 ng

RT: 13.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

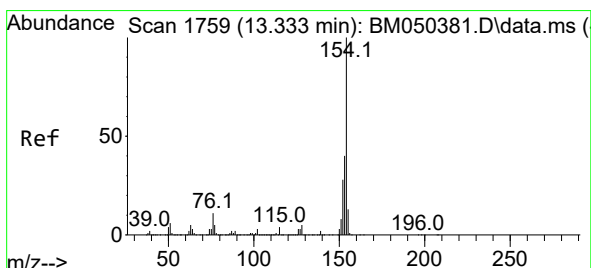
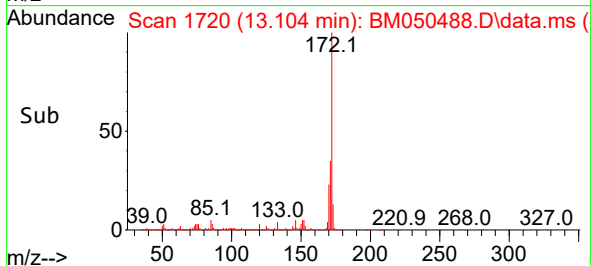
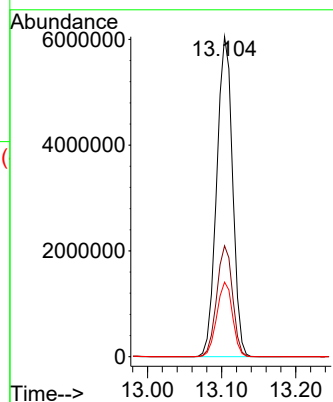
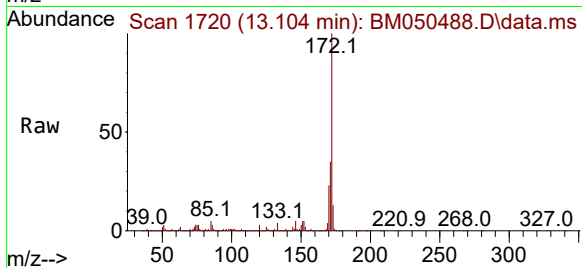
Tgt Ion:172 Resp: 8979204

Ion Ratio Lower Upper

172 100

171 34.6 27.7 41.5

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.120 ng

RT: 13.316 min Scan# 1756

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

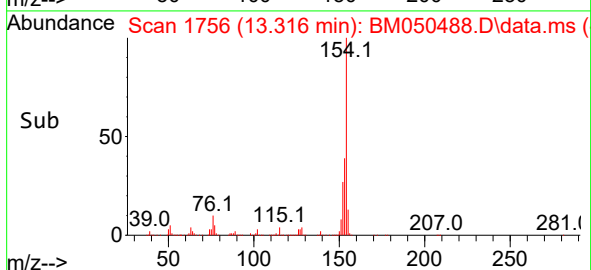
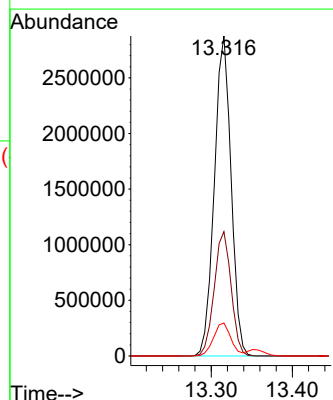
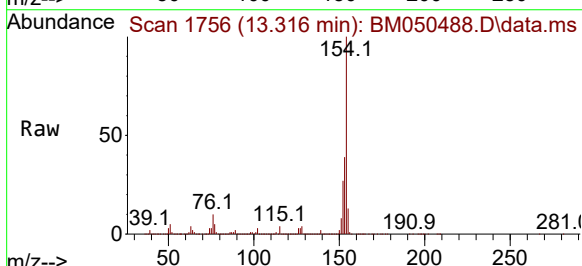
Tgt Ion:154 Resp: 4113625

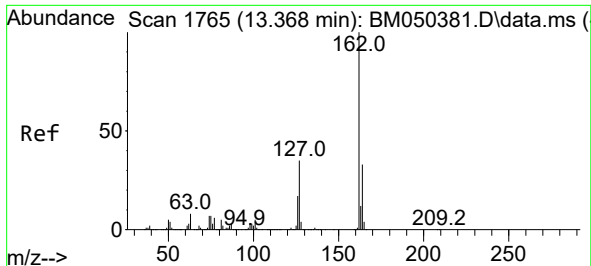
Ion Ratio Lower Upper

154 100

153 38.8 19.7 59.7

76 10.3 0.0 30.9

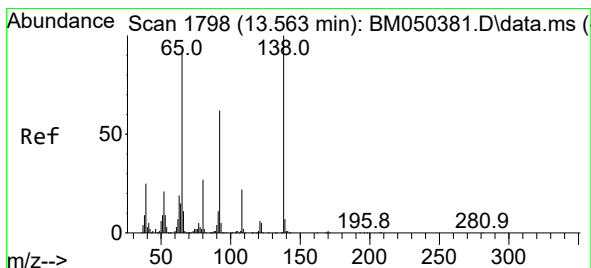
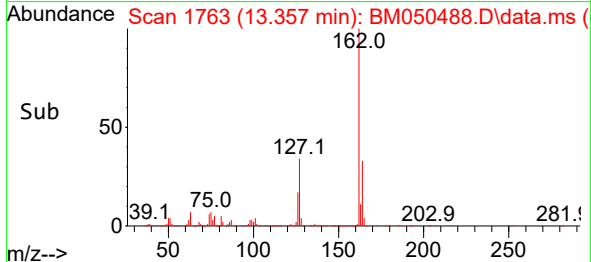
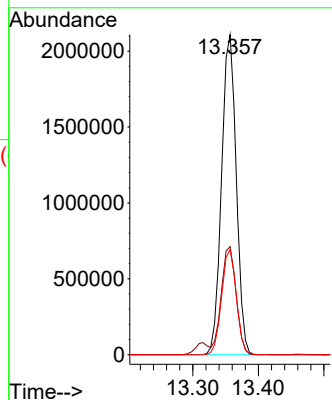
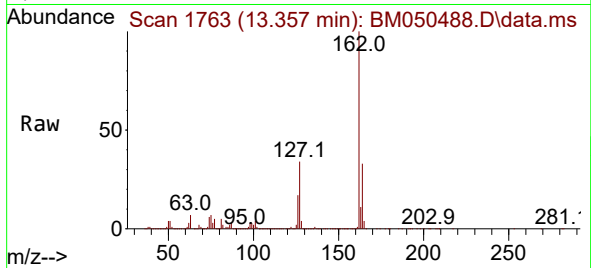




#47
2-Chloronaphthalene
Concen: 38.910 ng
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

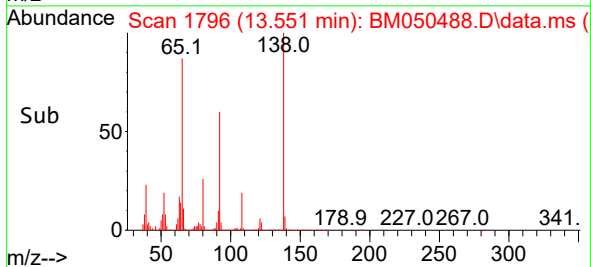
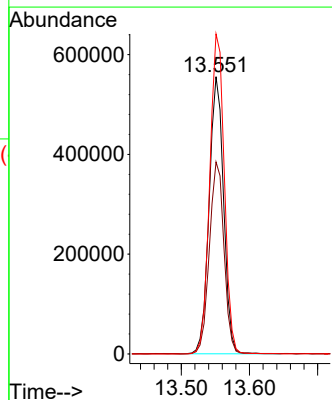
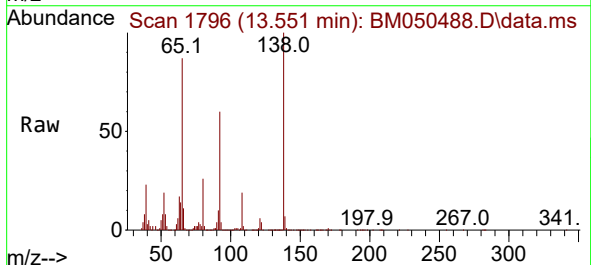
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

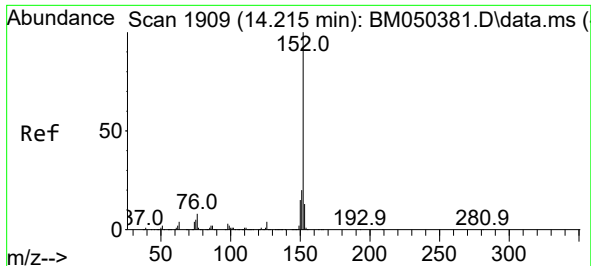
Tgt Ion:162 Resp: 3262221
Ion Ratio Lower Upper
162 100
127 33.8 28.3 42.5
164 32.8 26.6 40.0



#48
2-Nitroaniline
Concen: 43.806 ng
RT: 13.551 min Scan# 1796
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 65 Resp: 819783
Ion Ratio Lower Upper
65 100
92 69.2 54.3 81.5
138 115.4 87.8 131.6

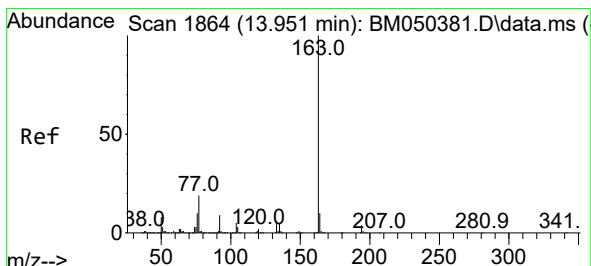
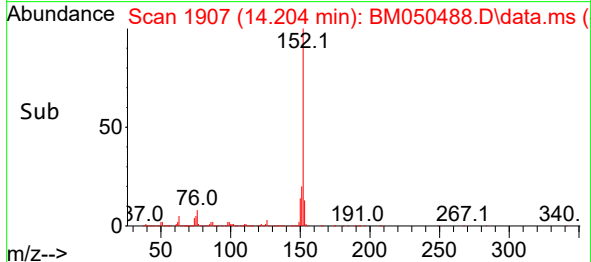
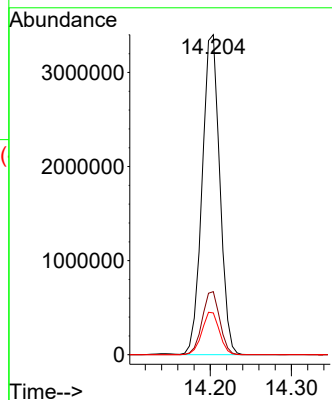
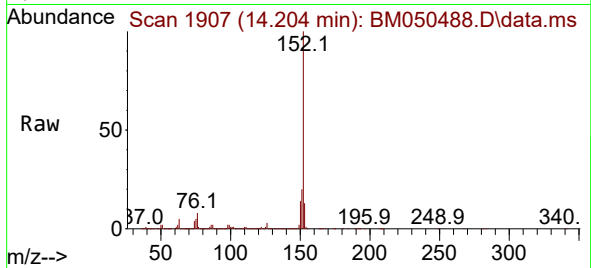




#49
Acenaphthylene
Concen: 40.370 ng
RT: 14.204 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

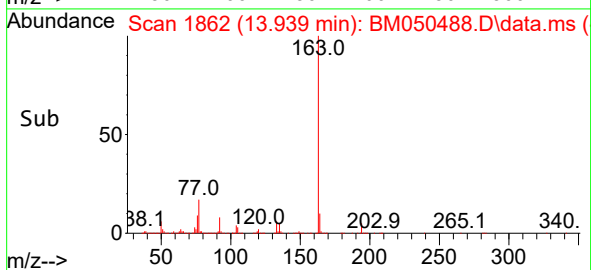
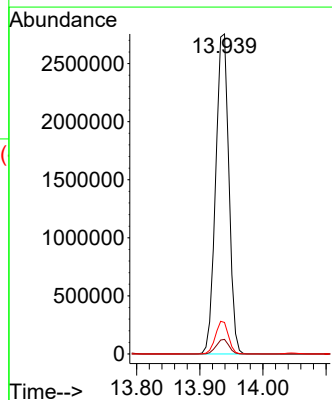
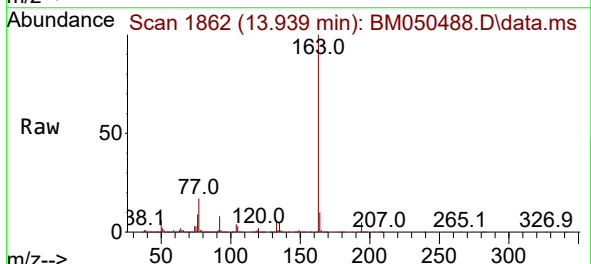
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

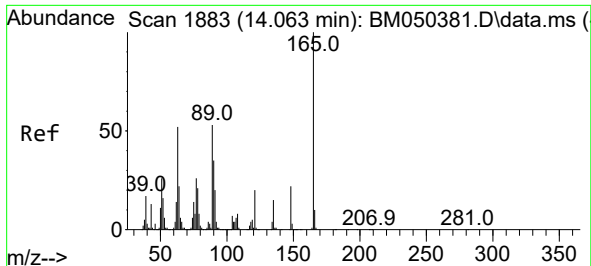
Tgt Ion:152 Resp: 5115199
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 40.836 ng
RT: 13.939 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:163 Resp: 3984657
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.8 8.2 12.2

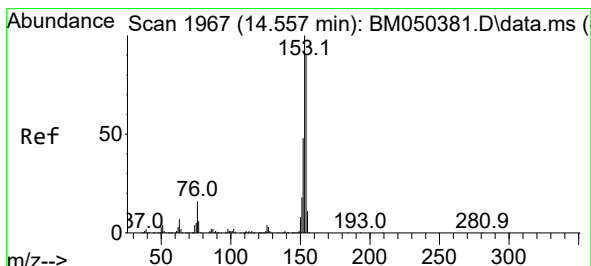
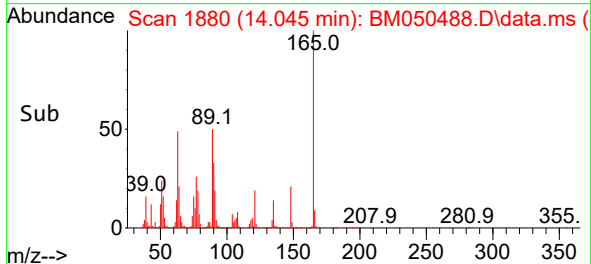
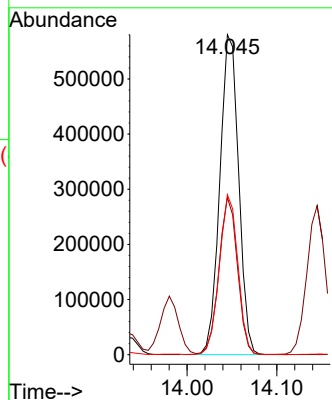
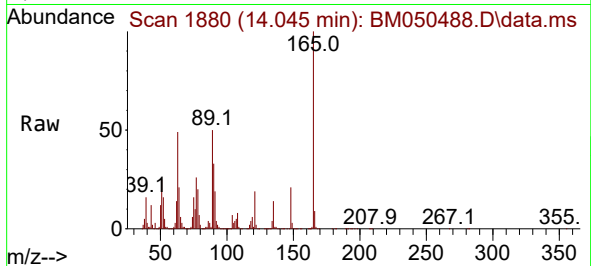




#51
2,6-Dinitrotoluene
Concen: 45.097 ng
RT: 14.045 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

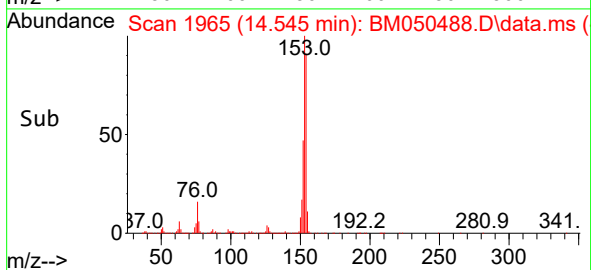
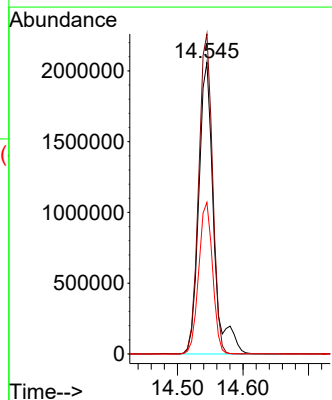
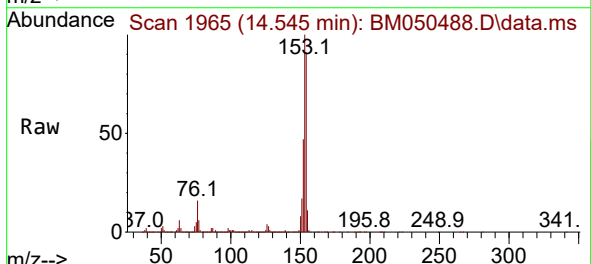
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

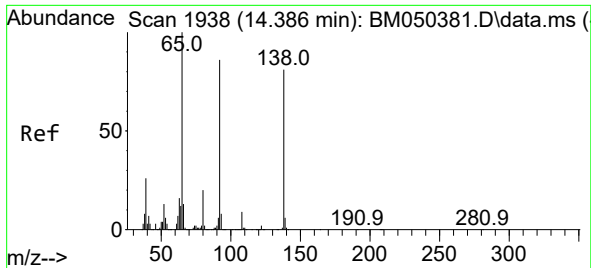
Tgt Ion:165 Resp: 844904
Ion Ratio Lower Upper
165 100
63 49.1 42.4 63.6
89 50.0 42.2 63.2



#52
Acenaphthene
Concen: 40.158 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:154 Resp: 3234937
Ion Ratio Lower Upper
154 100
153 109.8 89.2 133.8
152 52.0 42.6 64.0

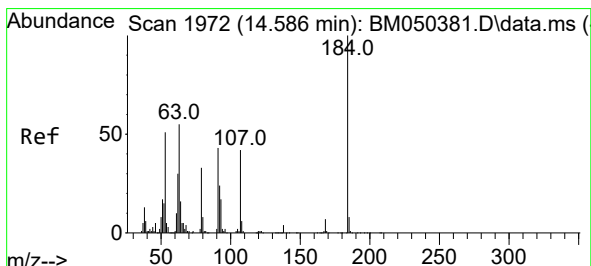
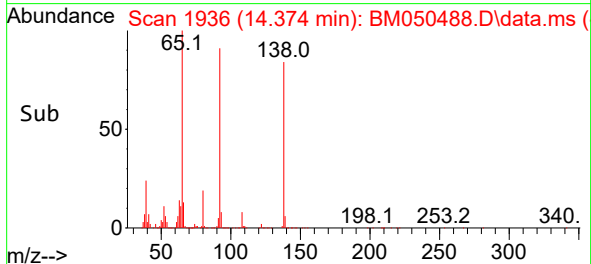
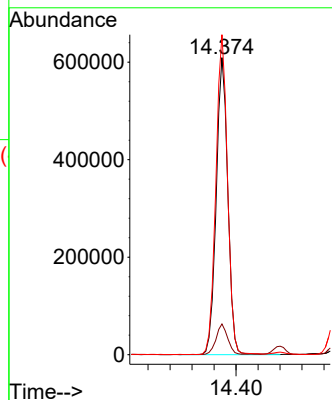
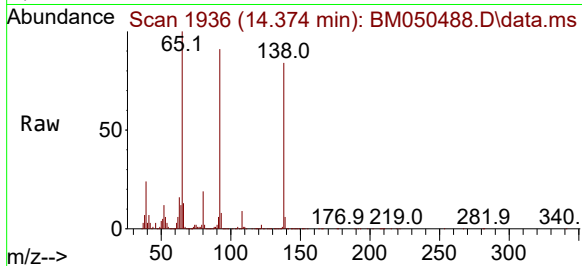




#53
3-Nitroaniline
Concen: 44.817 ng
RT: 14.374 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

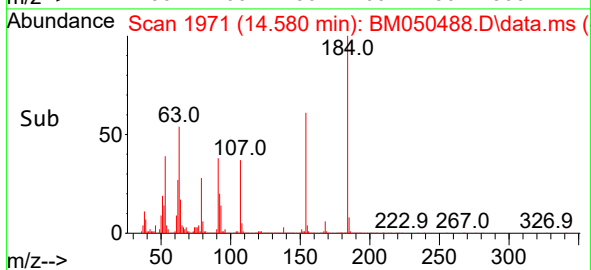
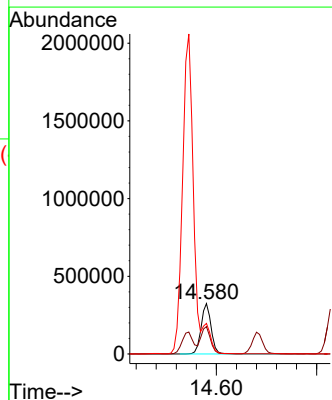
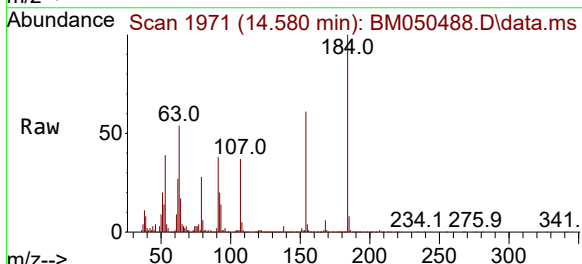
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

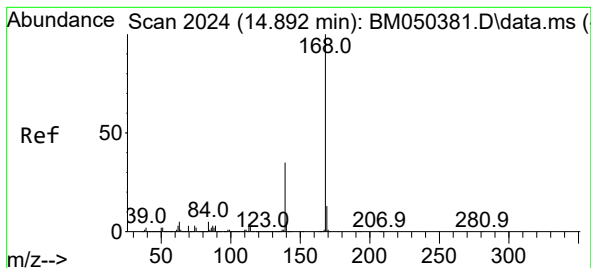
Tgt Ion:138 Resp: 892959
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 107.7 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 46.194 ng
RT: 14.580 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:184 Resp: 447135
Ion Ratio Lower Upper
184 100
63 54.3 53.4 80.0
154 60.7 61.6 92.4#





#55

Dibenzenofuran

Concen: 39.264 ng

RT: 14.874 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

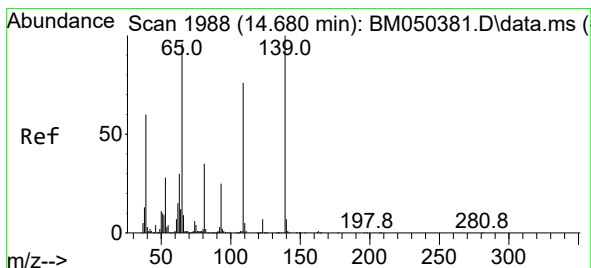
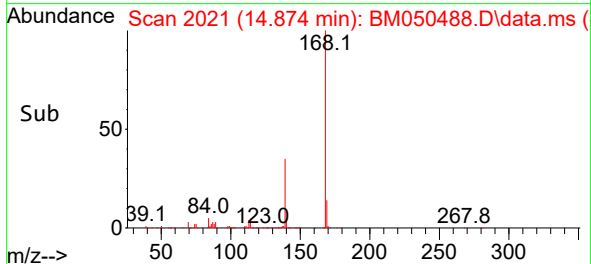
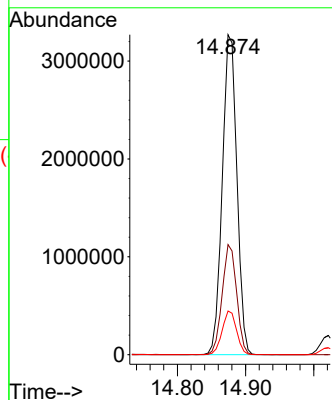
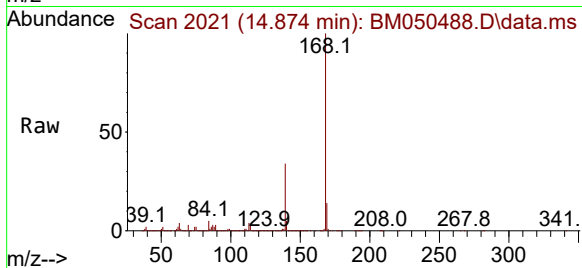
Tgt Ion:168 Resp: 4873387

Ion Ratio Lower Upper

168 100

139 34.4 27.7 41.5

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 43.907 ng

RT: 14.686 min Scan# 1989

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

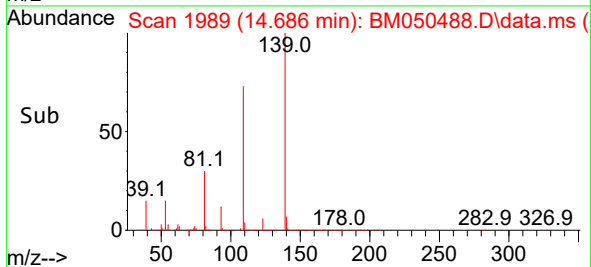
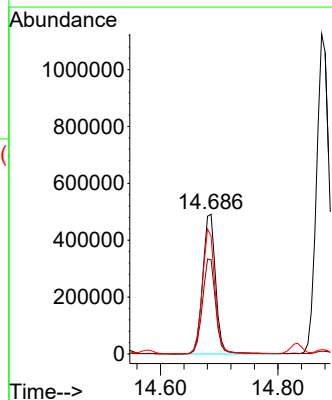
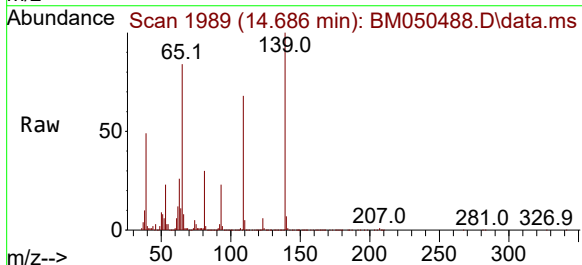
Tgt Ion:139 Resp: 752320

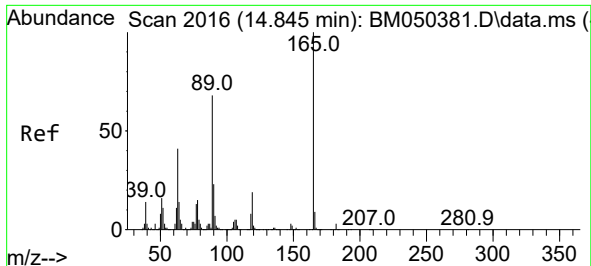
Ion Ratio Lower Upper

139 100

109 67.5 56.5 96.5

65 84.2 76.4 116.4

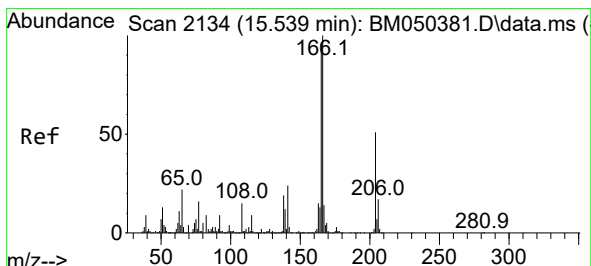
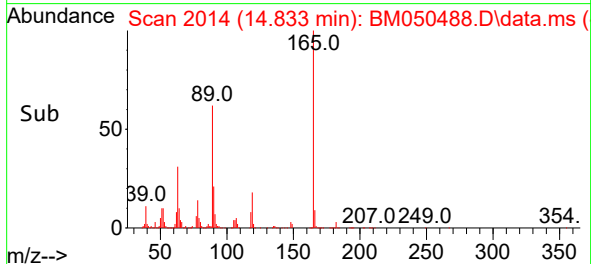
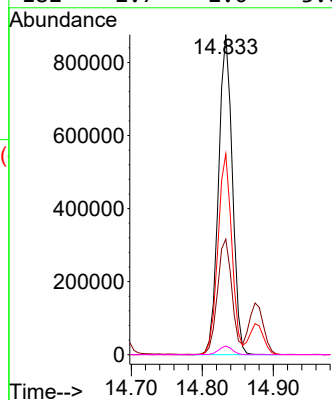
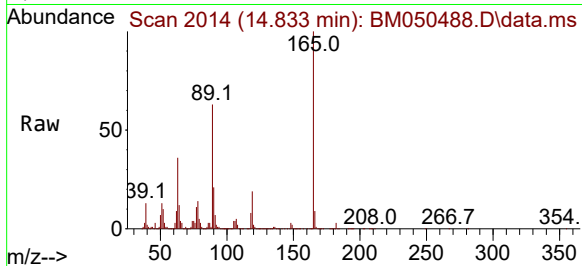




#57
2,4-Dinitrotoluene
Concen: 42.370 ng
RT: 14.833 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

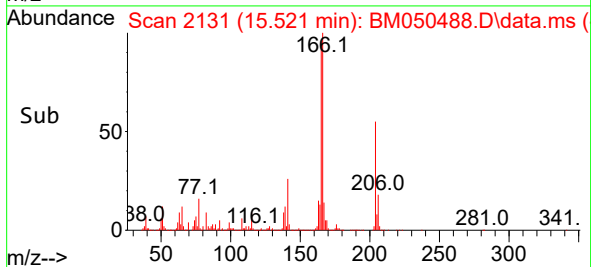
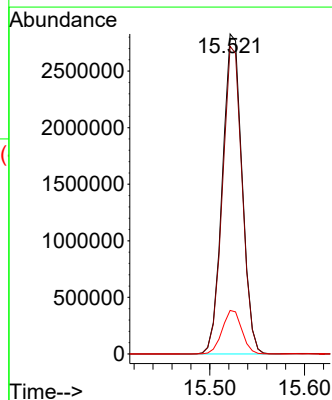
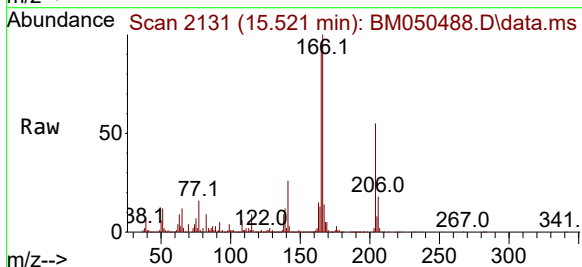
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

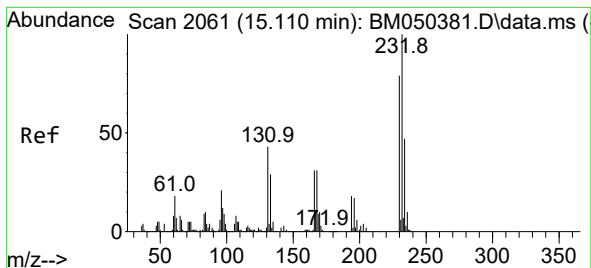
Tgt Ion:165 Resp: 1178835
Ion Ratio Lower Upper
165 100
63 36.1 32.5 48.7
89 62.7 54.0 81.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.924 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:166 Resp: 4081607
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.6
167 13.6 10.9 16.3

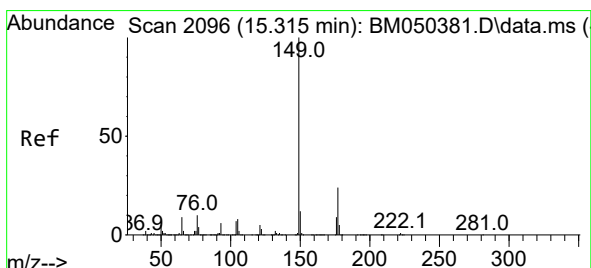
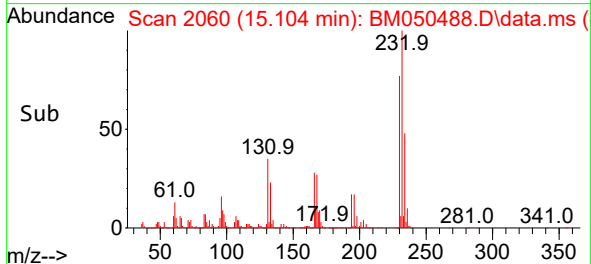
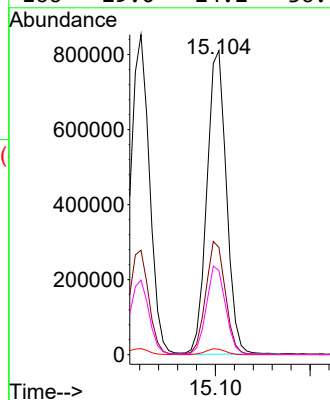
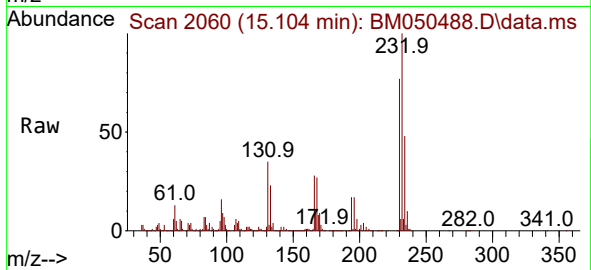




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.303 ng
RT: 15.104 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

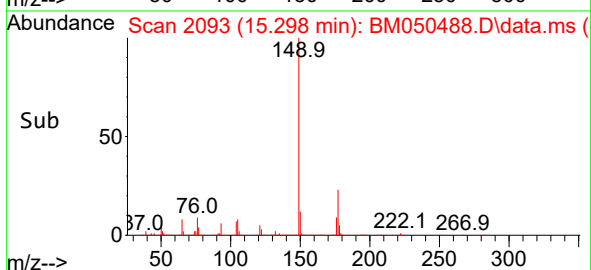
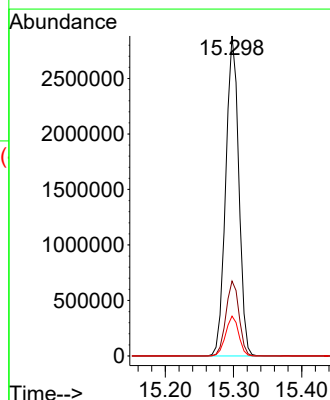
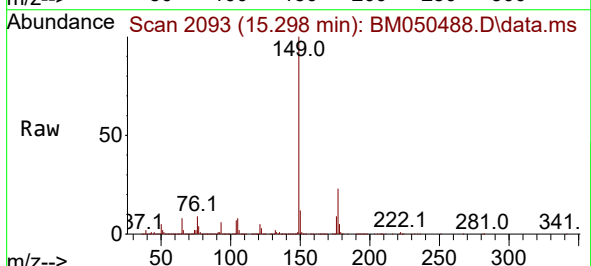
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

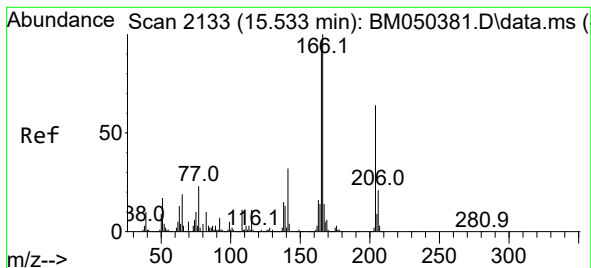
Tgt Ion:232 Resp: 1155498
Ion Ratio Lower Upper
232 100
131 37.4 33.4 50.0
130 2.0 1.8 2.6
166 29.0 24.2 36.4



#60
Diethylphthalate
Concen: 41.177 ng
RT: 15.298 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:149 Resp: 3838064
Ion Ratio Lower Upper
149 100
177 23.4 18.8 28.2
150 12.5 9.8 14.8

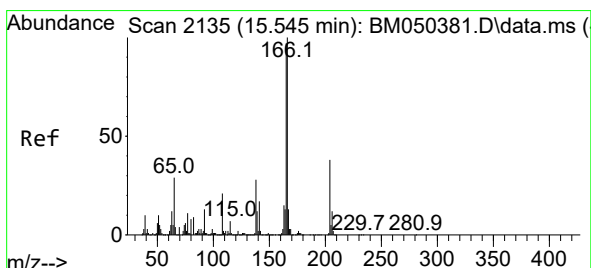
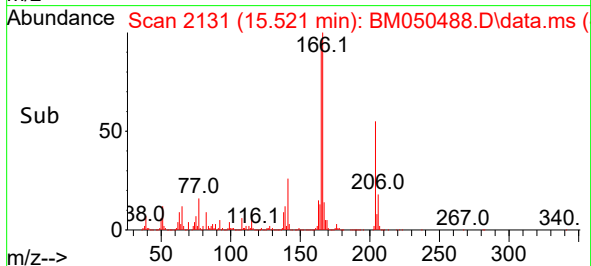
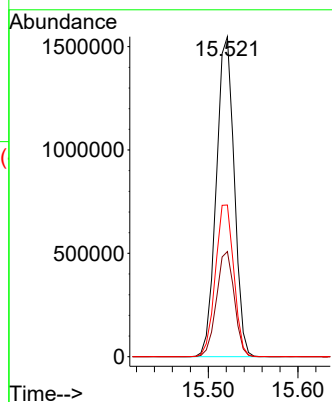
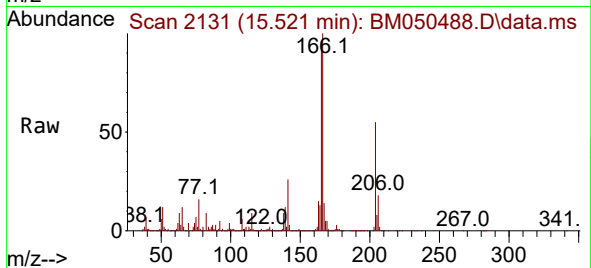




#61
4-Chlorophenyl-phenylether
Concen: 40.083 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

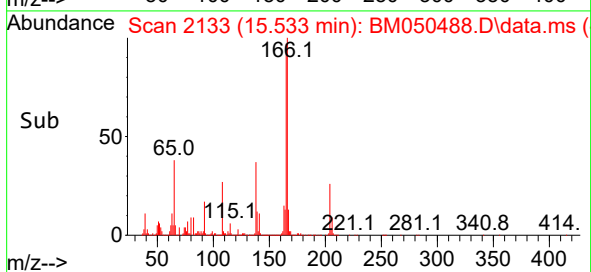
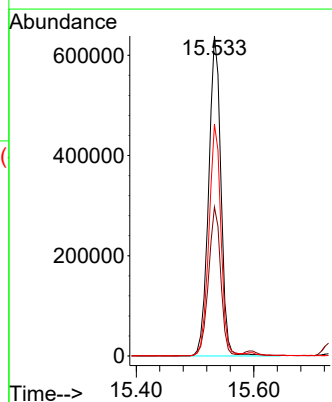
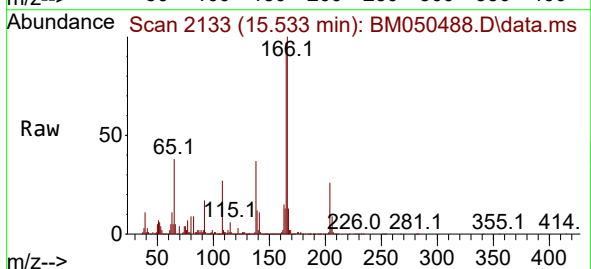
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

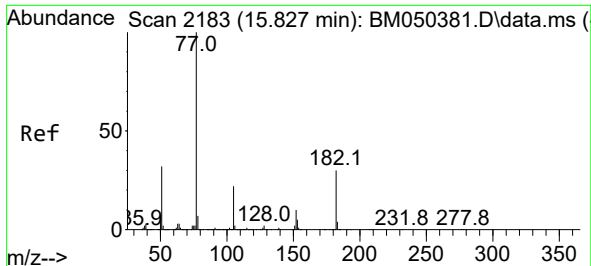
Tgt Ion:204 Resp: 2142724
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 47.4 39.9 59.9



#62
4-Nitroaniline
Concen: 40.874 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:138 Resp: 926980
Ion Ratio Lower Upper
138 100
92 46.6 24.5 64.5
108 72.4 52.5 92.5

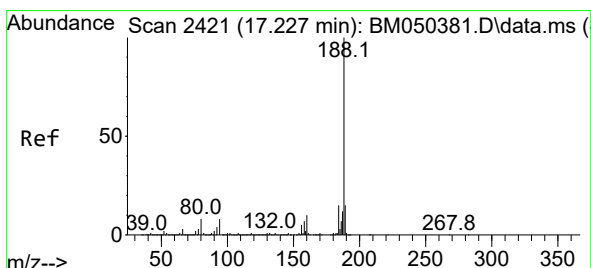
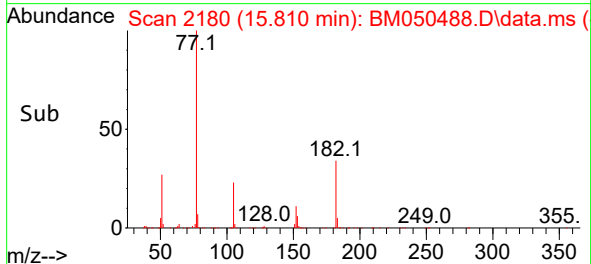
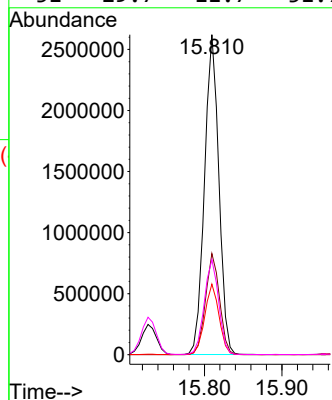
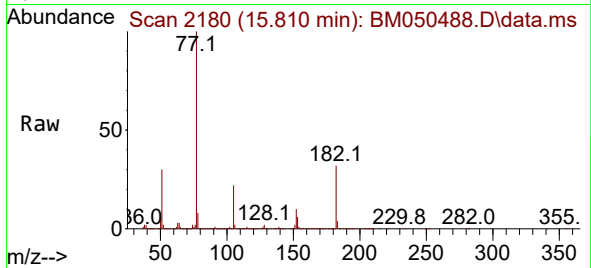




#63
Azobenzene
Concen: 39.319 ng
RT: 15.810 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

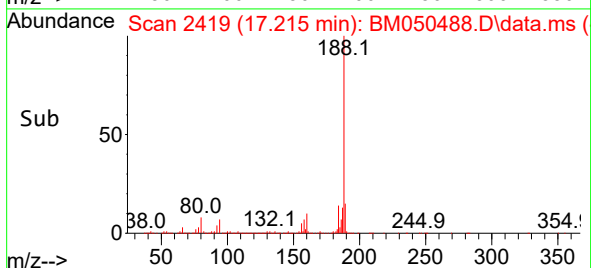
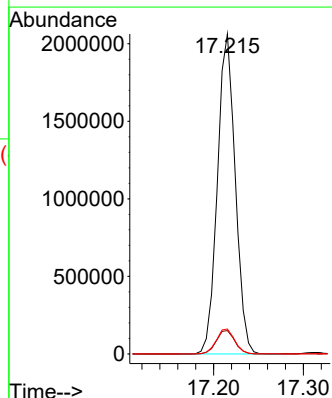
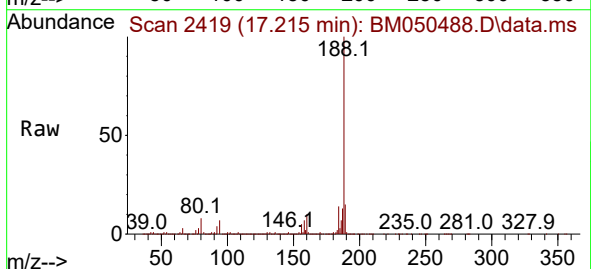
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

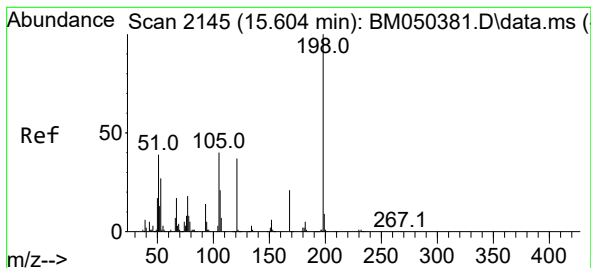
Tgt Ion: 77 Resp: 3365275
Ion Ratio Lower Upper
77 100
182 31.6 10.0 50.0
105 22.1 2.0 42.0
51 29.7 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:188 Resp: 2849654
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.8 6.5 9.7

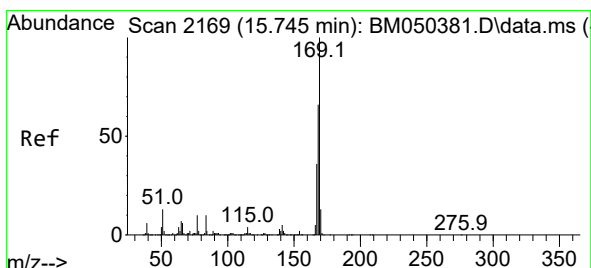
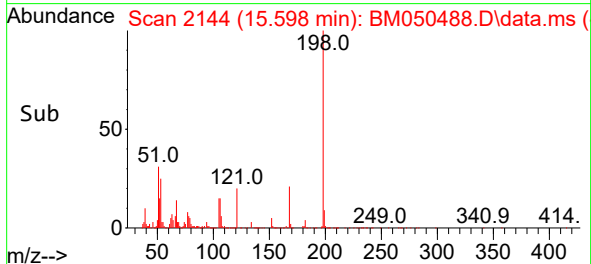
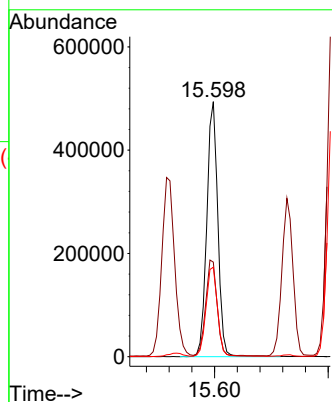
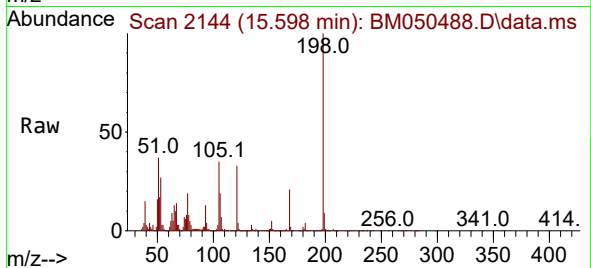




#65
4,6-Dinitro-2-methylphenol
Concen: 43.709 ng
RT: 15.598 min Scan# 2145
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

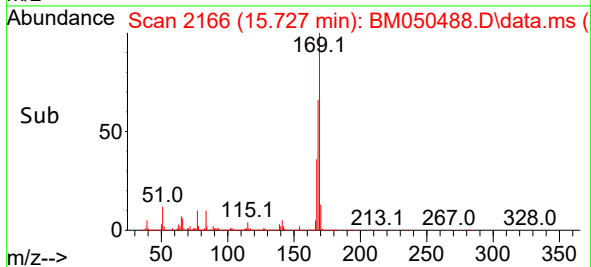
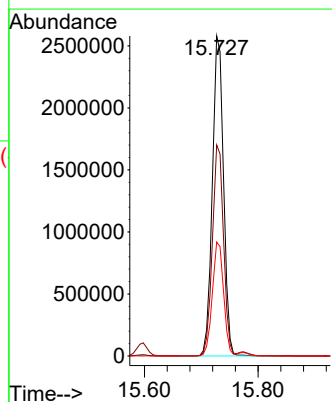
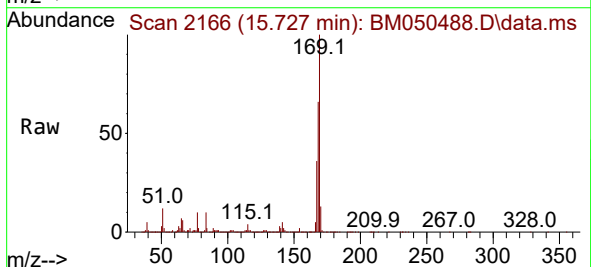
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

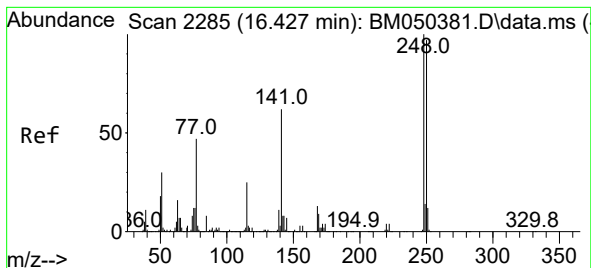
Tgt Ion:198 Resp: 659818
Ion Ratio Lower Upper
198 100
51 37.1 26.6 66.6
105 35.1 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 39.258 ng
RT: 15.727 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:169 Resp: 3500656
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 35.6 28.7 43.1

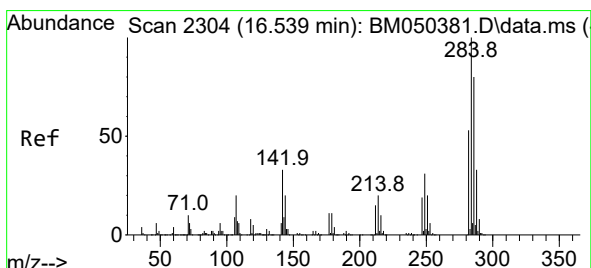
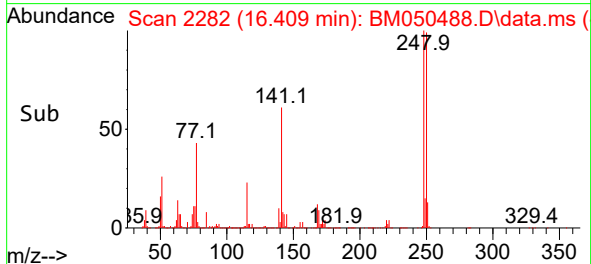
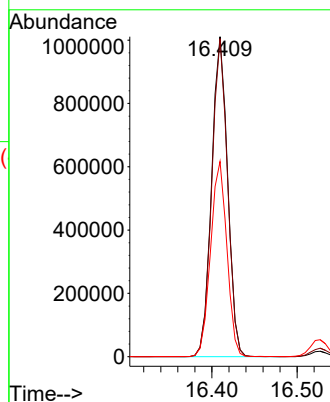
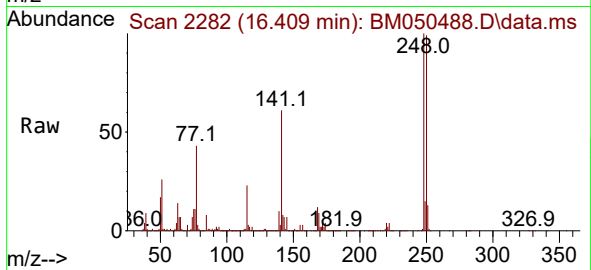




#67
4-Bromophenyl-phenylether
Concen: 41.972 ng
RT: 16.409 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

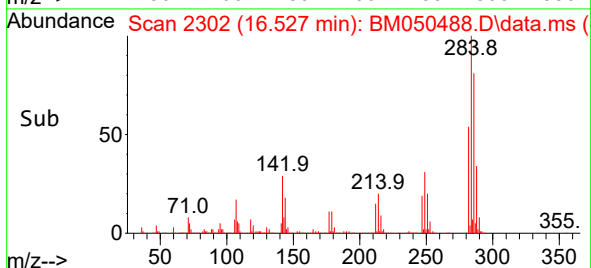
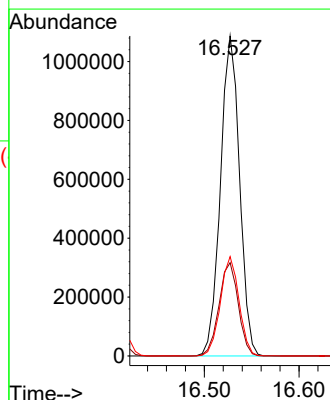
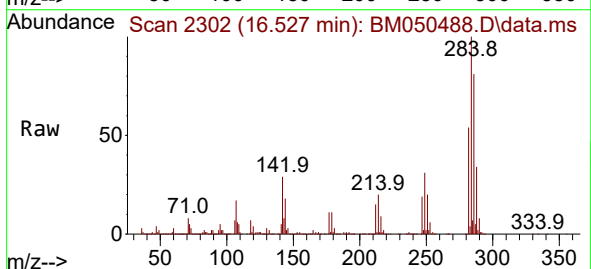
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

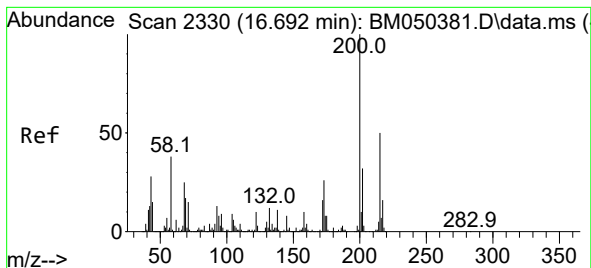
Tgt Ion:248 Resp: 1317795
Ion Ratio Lower Upper
248 100
250 99.4 77.9 116.9
141 61.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 41.179 ng
RT: 16.527 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:284 Resp: 1526986
Ion Ratio Lower Upper
284 100
142 29.2 26.8 40.2
249 31.0 24.5 36.7





#69

Atrazine

Concen: 43.371 ng

RT: 16.680 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

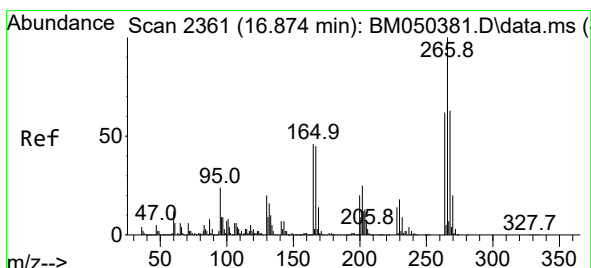
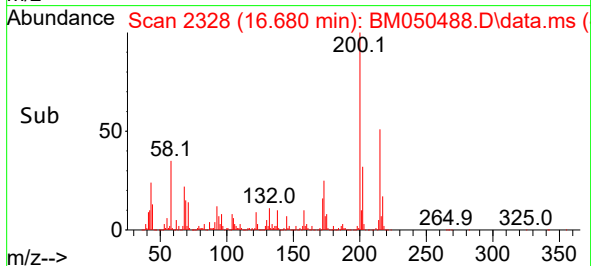
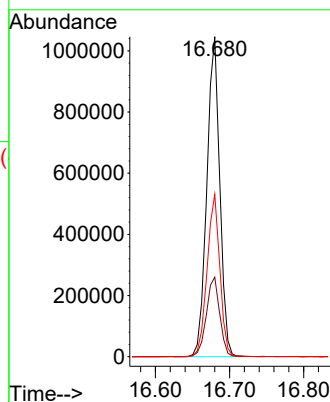
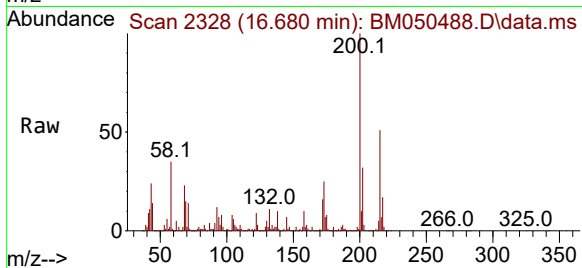
Tgt Ion:200 Resp: 1269940

Ion Ratio Lower Upper

200 100

173 24.8 5.6 45.6

215 50.7 29.6 69.6



#70

Pentachlorophenol

Concen: 43.998 ng

RT: 16.868 min Scan# 2360

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

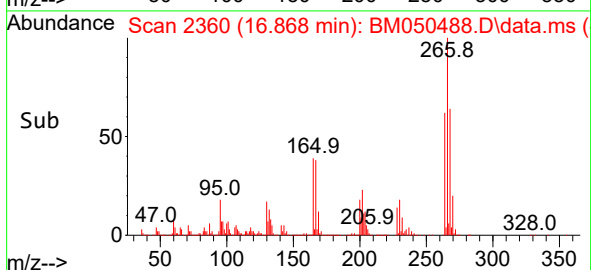
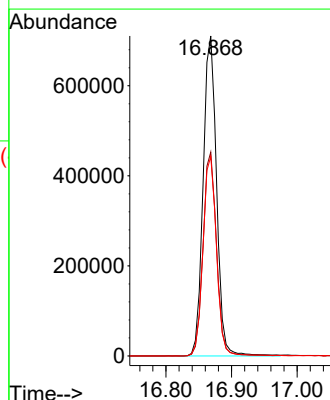
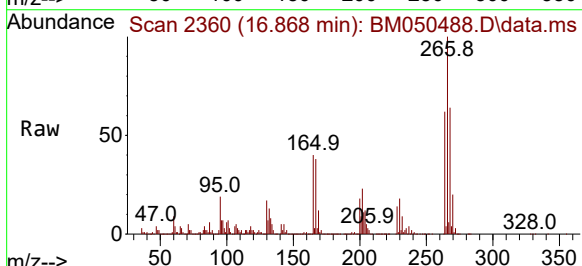
Tgt Ion:266 Resp: 1015634

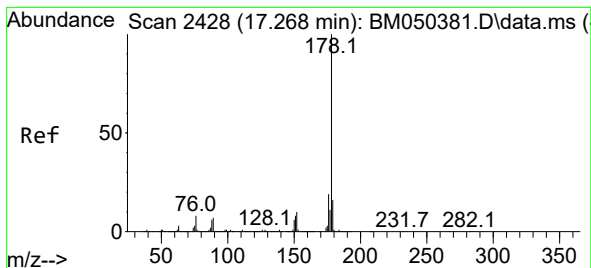
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 62.4 49.9 74.9





#71

Phenanthrene

Concen: 38.814 ng

RT: 17.256 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

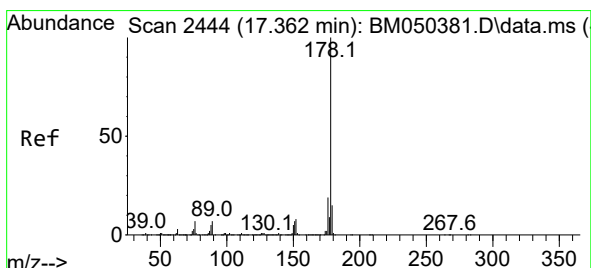
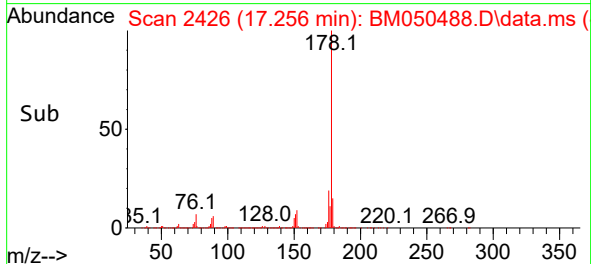
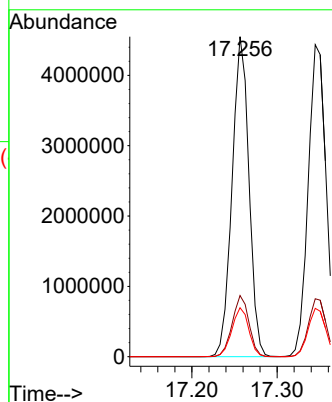
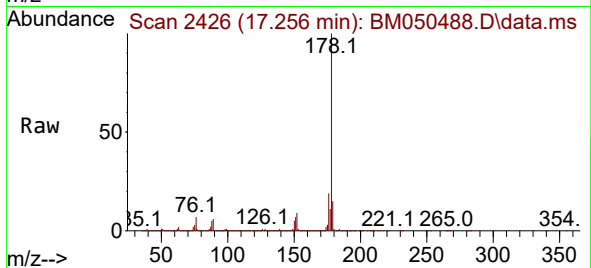
Tgt Ion:178 Resp: 6258796

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 40.195 ng

RT: 17.345 min Scan# 2441

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

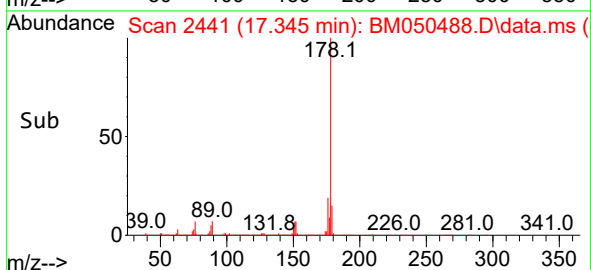
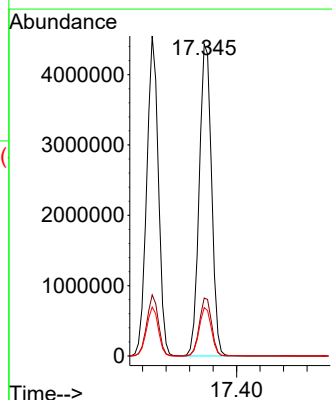
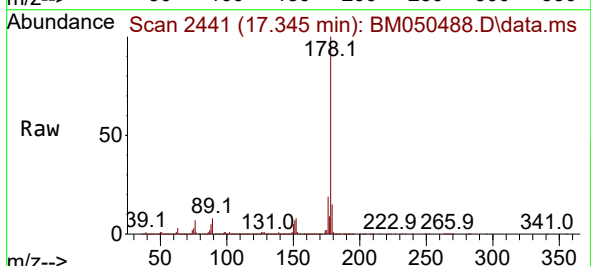
Tgt Ion:178 Resp: 6451628

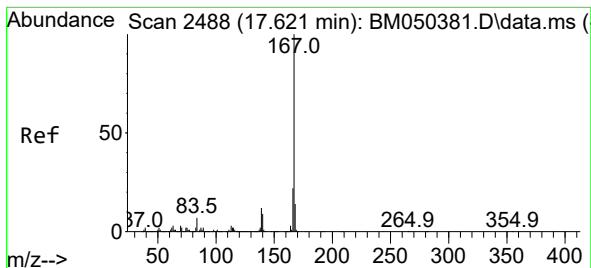
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.5 12.2 18.4





#73

Carbazole

Concen: 40.392 ng

RT: 17.615 min Scan# 24

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

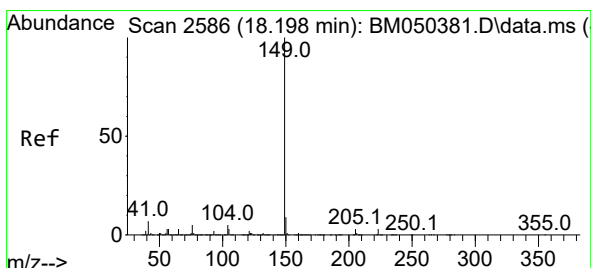
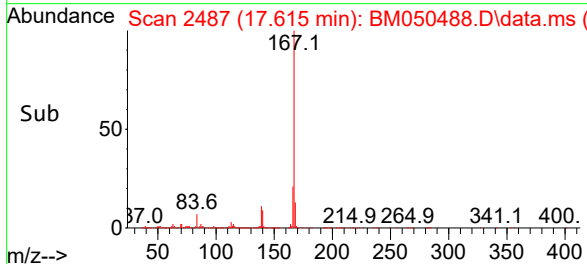
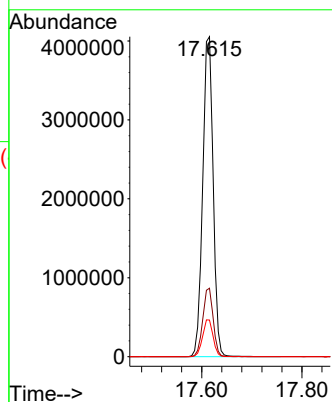
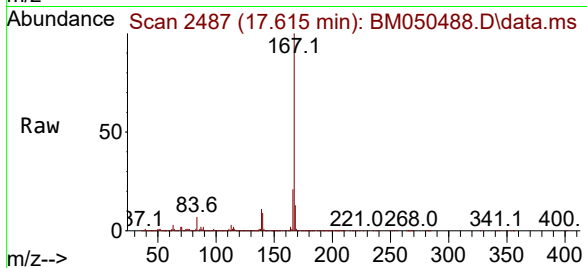
Tgt Ion:167 Resp: 5866160

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 11.5 9.9 14.9



#74

Di-n-butylphthalate

Concen: 42.868 ng

RT: 18.180 min Scan# 2583

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

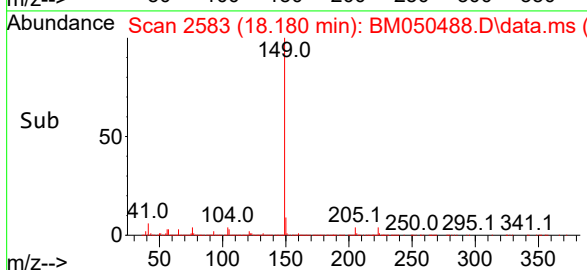
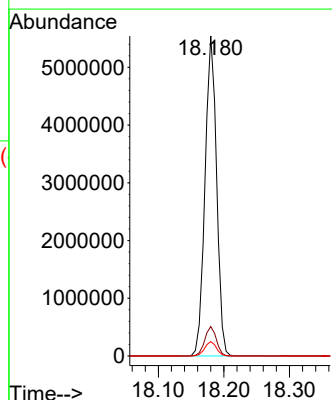
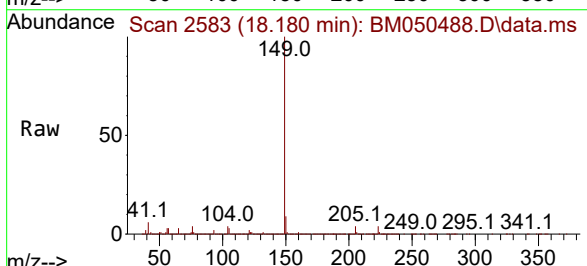
Tgt Ion:149 Resp: 6814421

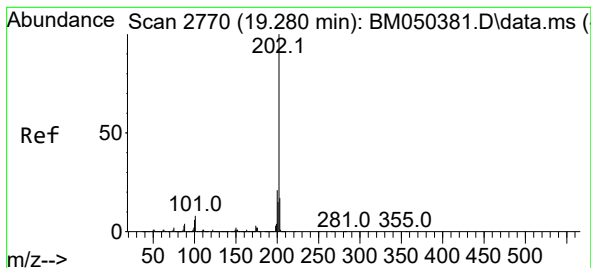
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.5 3.9 5.9





#75

Fluoranthene

Concen: 42.202 ng

RT: 19.268 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

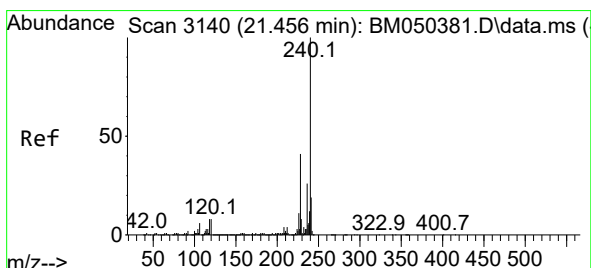
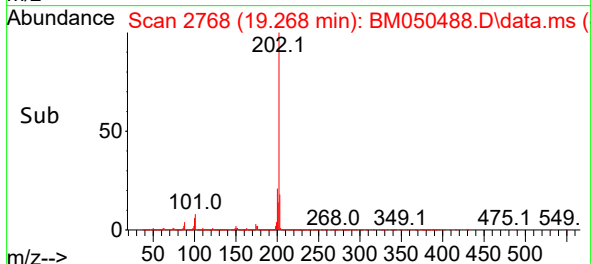
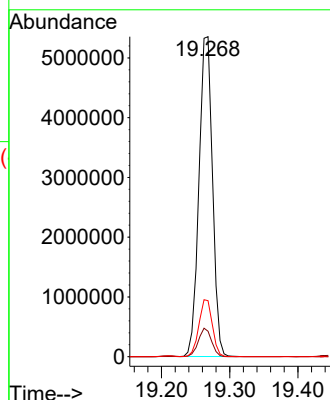
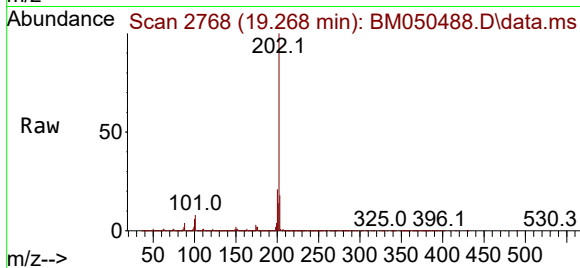
Tgt Ion:202 Resp: 7397813

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.3

203 17.5 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3138

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

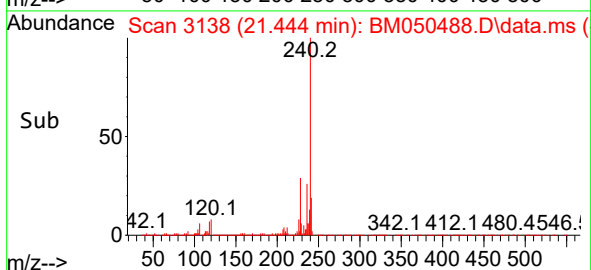
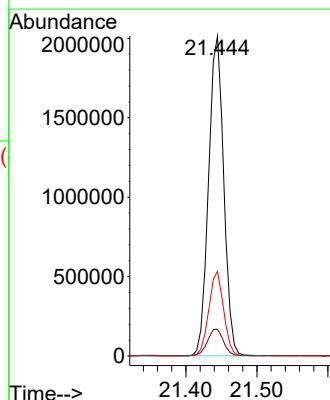
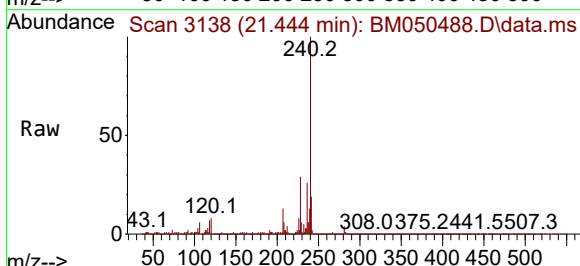
Tgt Ion:240 Resp: 2992562

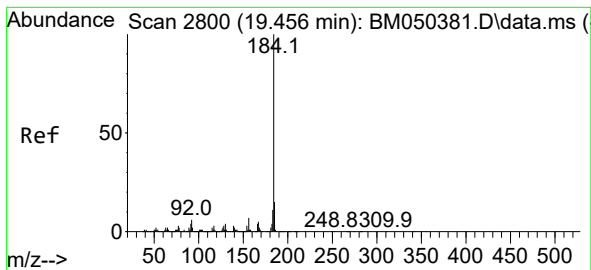
Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

236 26.5 20.7 31.1





#77

Benzidine

Concen: 58.375 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

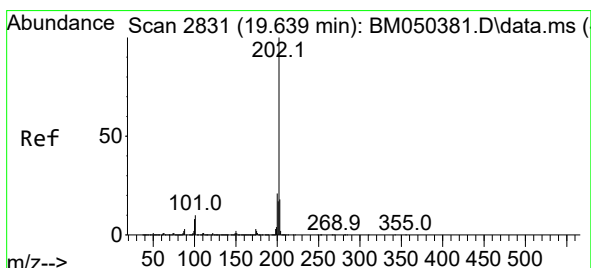
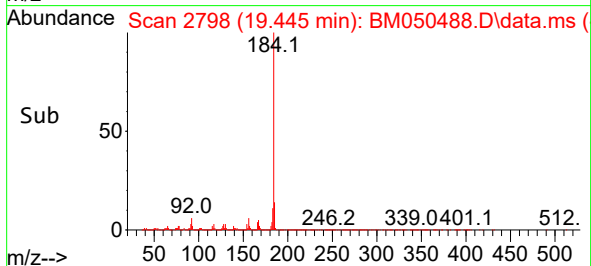
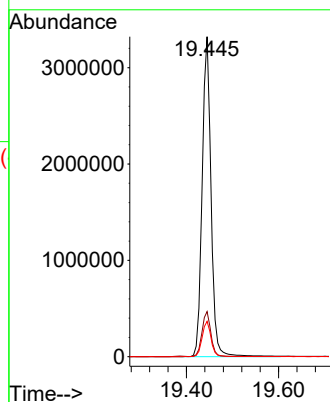
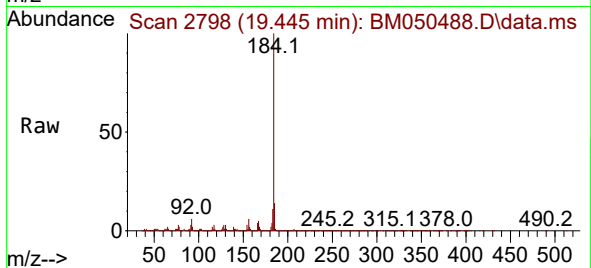
Tgt Ion:184 Resp: 4455697

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 11.1 9.0 13.6



#78

Pyrene

Concen: 39.792 ng

RT: 19.627 min Scan# 2829

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

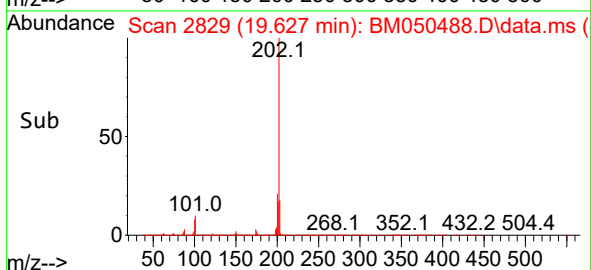
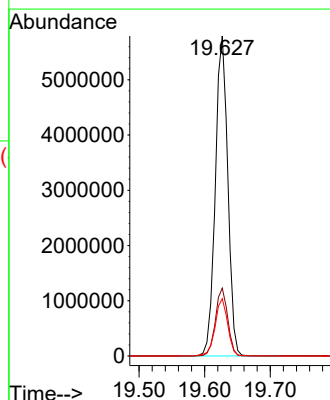
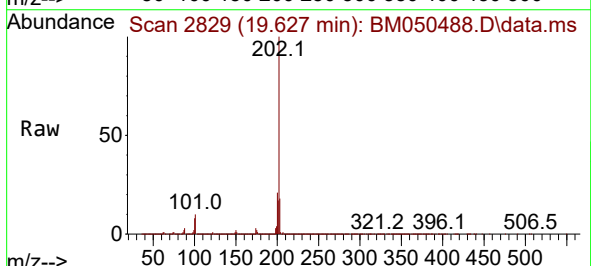
Tgt Ion:202 Resp: 7626459

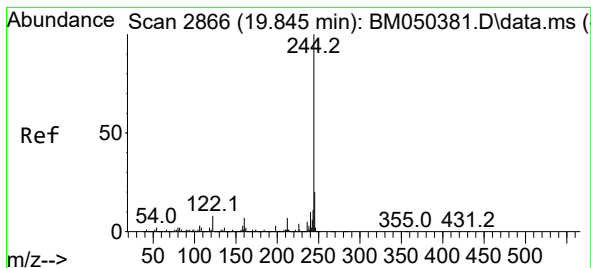
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 72.969 ng

RT: 19.827 min Scan# 2

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

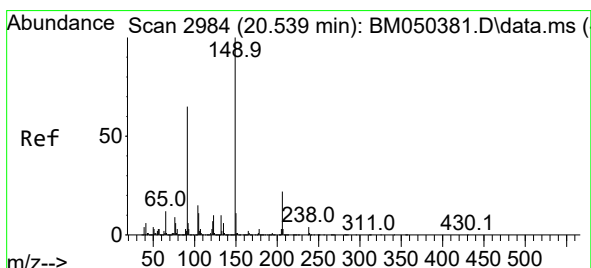
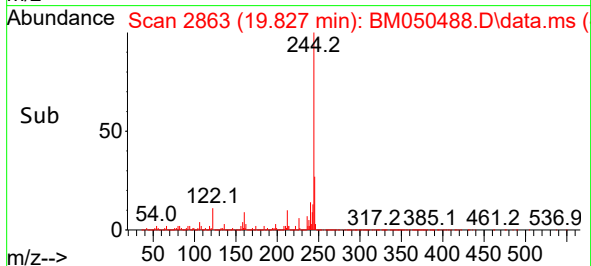
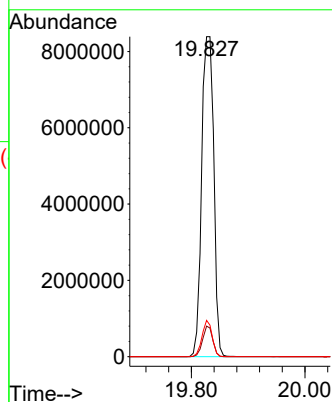
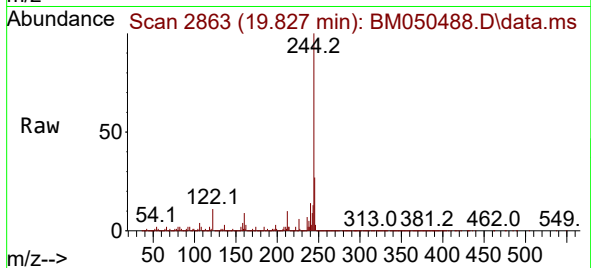
Tgt Ion:244 Resp:12410863

Ion Ratio Lower Upper

244 100

212 9.6 5.7 8.5#

122 11.3 6.2 9.2#



#80

Butylbenzylphthalate

Concen: 49.099 ng

RT: 20.521 min Scan# 2981

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

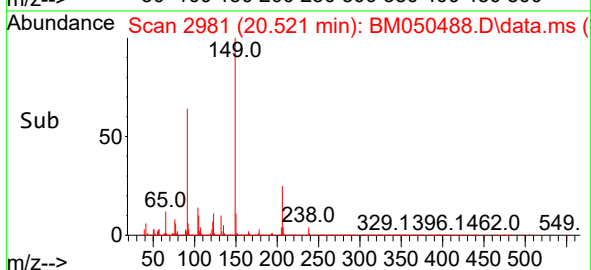
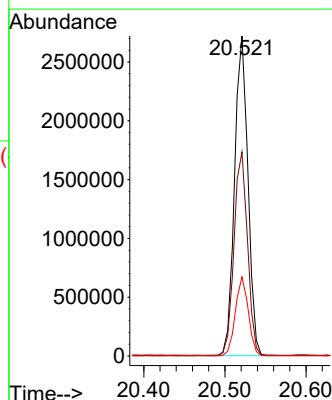
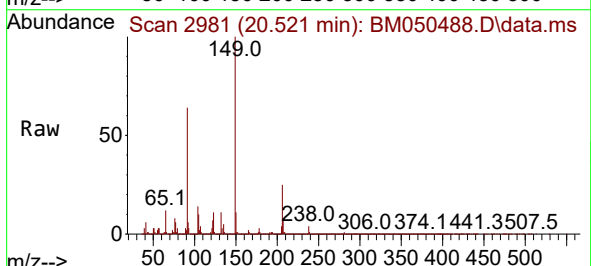
Tgt Ion:149 Resp: 3102877

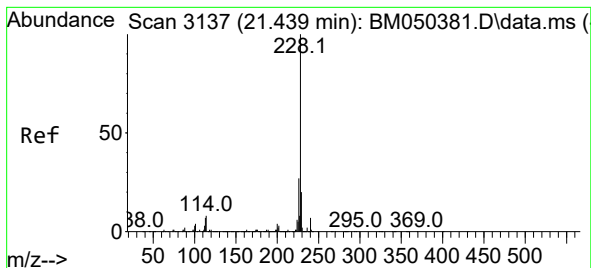
Ion Ratio Lower Upper

149 100

91 63.7 51.6 77.4

206 24.7 17.8 26.8





#81

Benzo(a)anthracene

Concen: 40.477 ng

RT: 21.427 min Scan# 3137

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

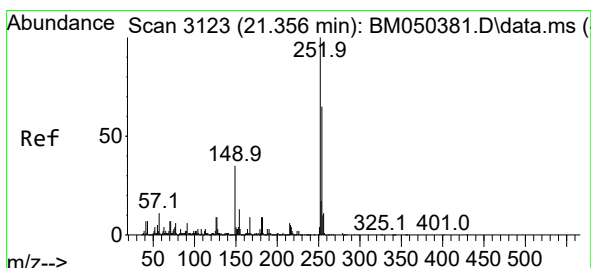
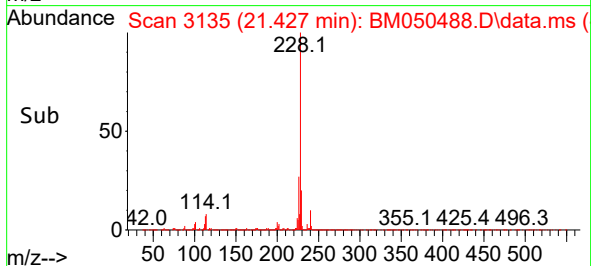
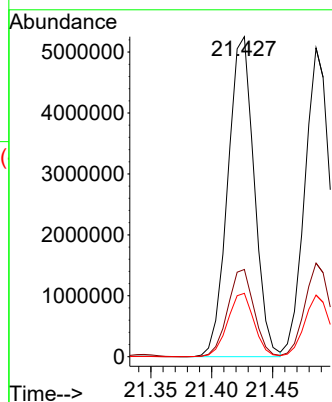
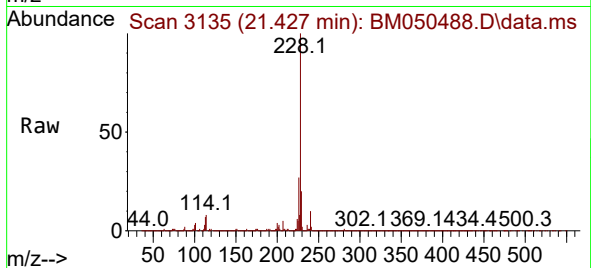
Tgt Ion:228 Resp: 7892434

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 47.438 ng

RT: 21.344 min Scan# 3121

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

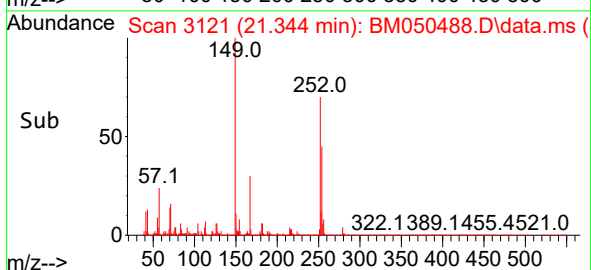
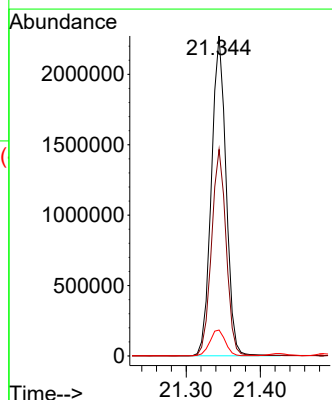
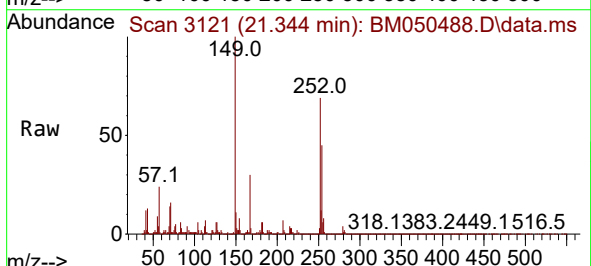
Tgt Ion:252 Resp: 3119311

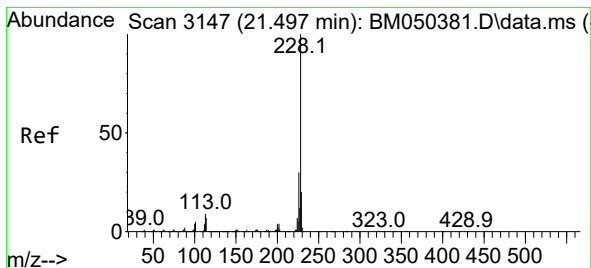
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 8.1 7.3 10.9





#83

Chrysene

Concen: 39.635 ng

RT: 21.486 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

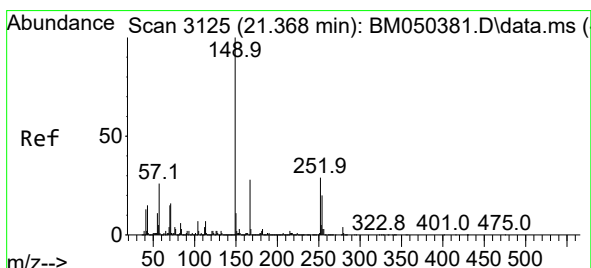
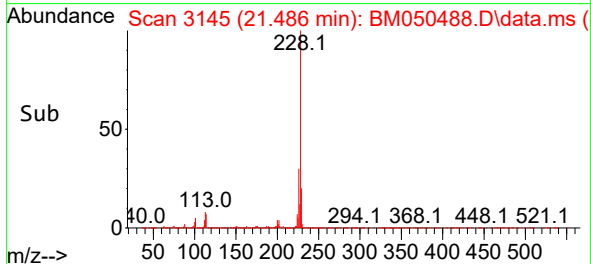
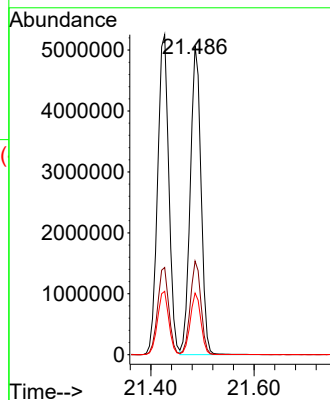
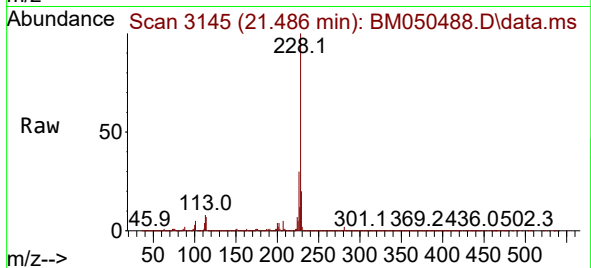
Tgt Ion:228 Resp: 7289508

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.142 ng

RT: 21.350 min Scan# 3122

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

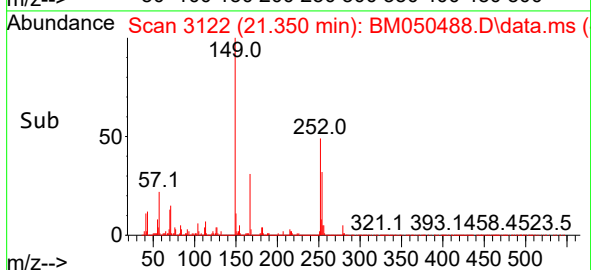
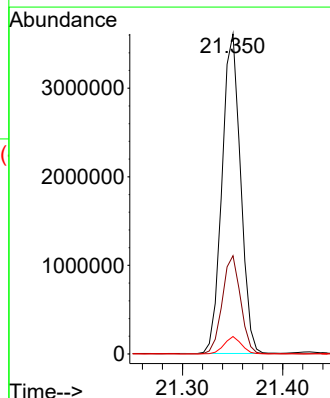
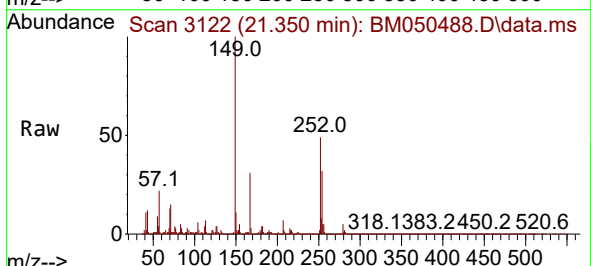
Tgt Ion:149 Resp: 4629074

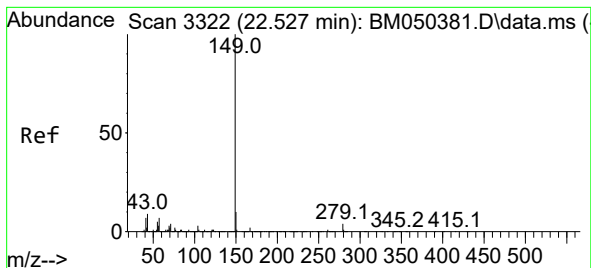
Ion Ratio Lower Upper

149 100

167 30.7 22.7 34.1

279 5.5 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 51.226 ng

RT: 22.497 min Scan# 31

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

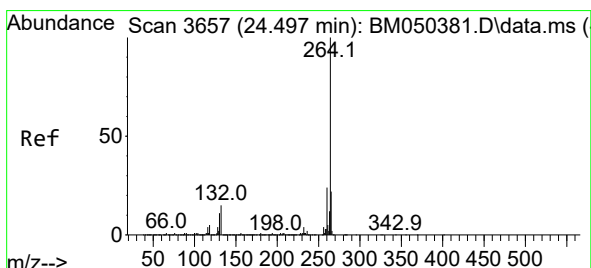
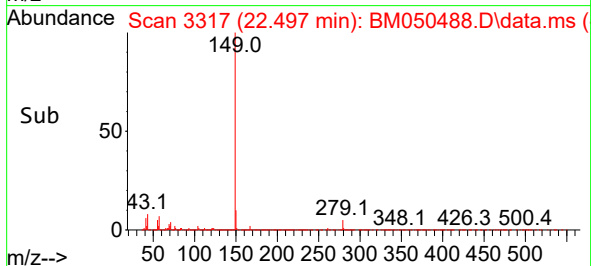
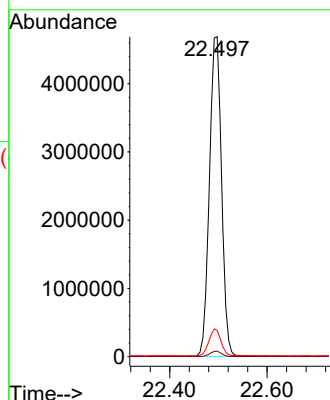
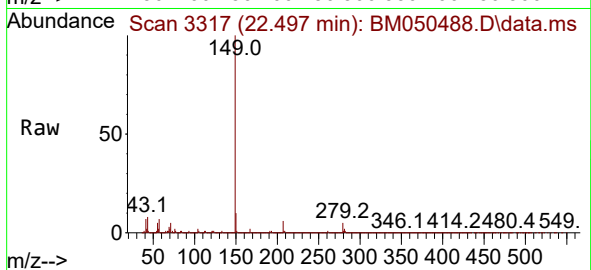
Tgt Ion:149 Resp: 8048934

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 3653

Delta R.T. 0.018 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

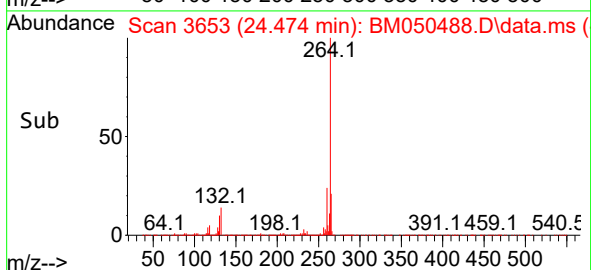
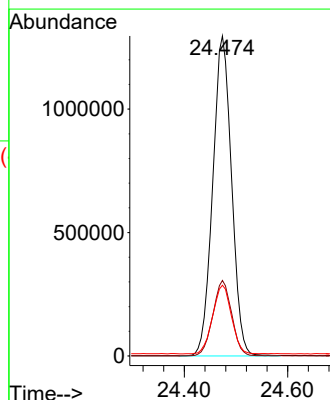
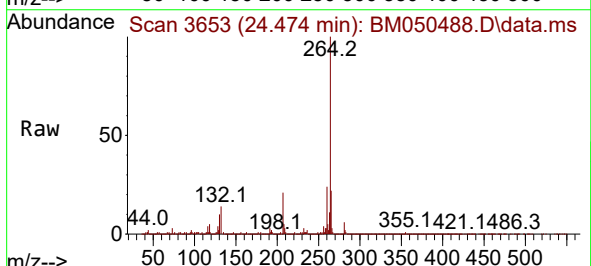
Tgt Ion:264 Resp: 3273796

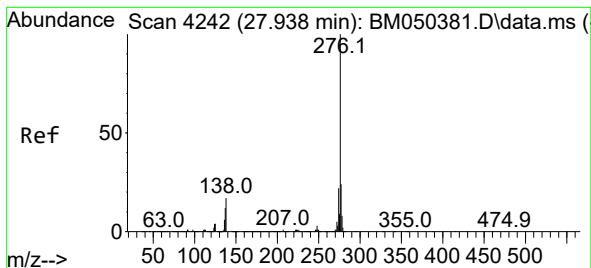
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.116 ng

RT: 27.909 min Scan# 41

Delta R.T. 0.029 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

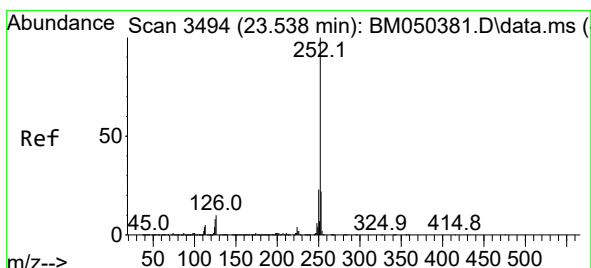
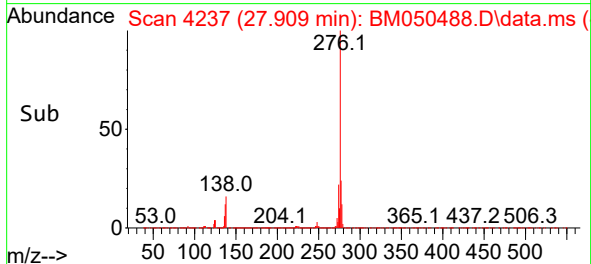
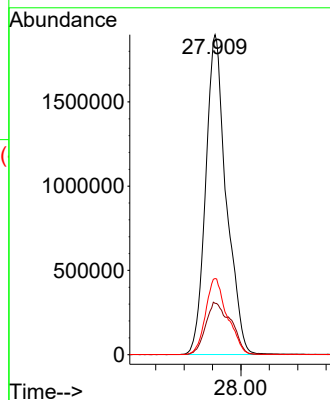
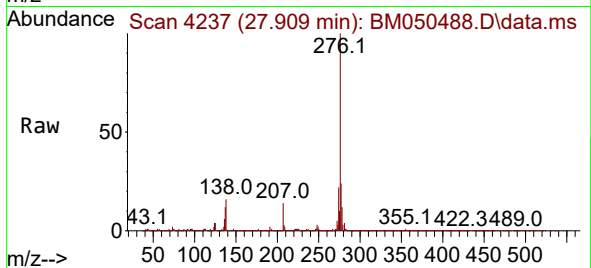
Tgt Ion:276 Resp: 9570216

Ion Ratio Lower Upper

276 100

138 20.1 17.0 25.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 39.187 ng

RT: 23.515 min Scan# 3490

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

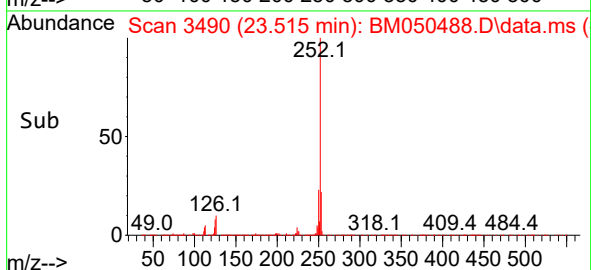
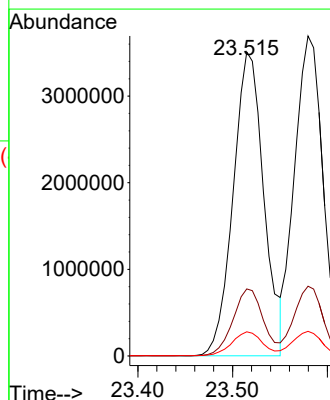
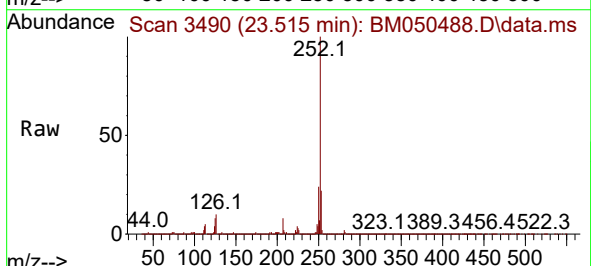
Tgt Ion:252 Resp: 7891128

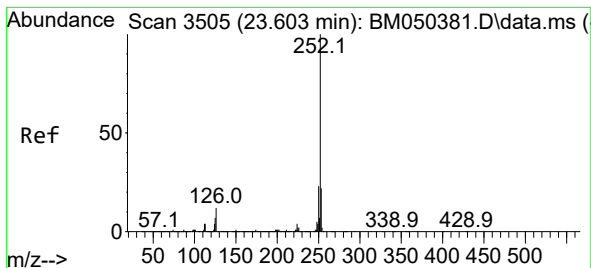
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.0 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 36.789 ng

RT: 23.580 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

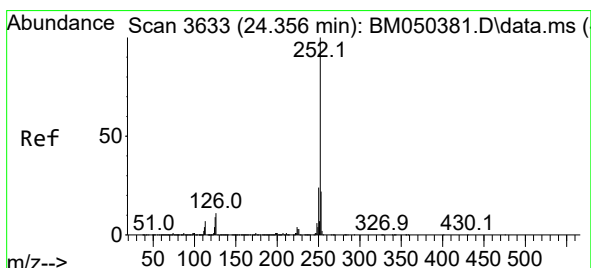
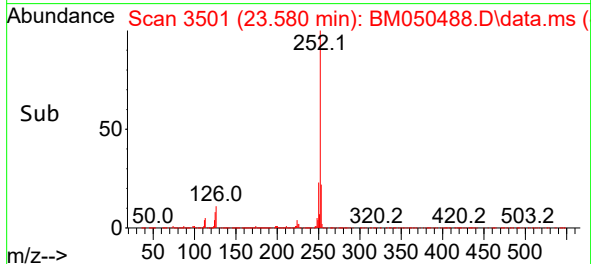
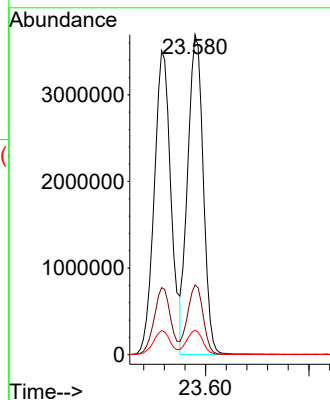
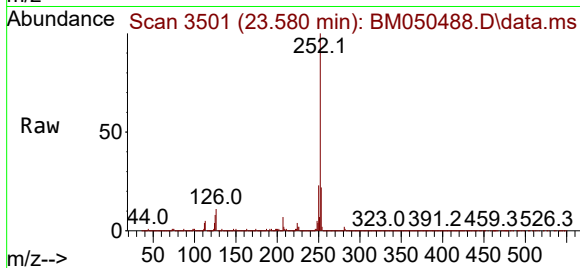
Tgt Ion:252 Resp: 7686989

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 7.7 6.2 9.2



#90

Benzo(a)pyrene

Concen: 40.096 ng

RT: 24.333 min Scan# 3629

Delta R.T. 0.018 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

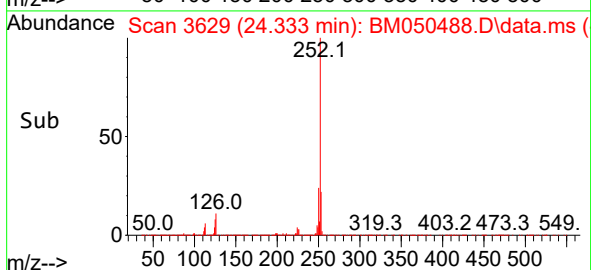
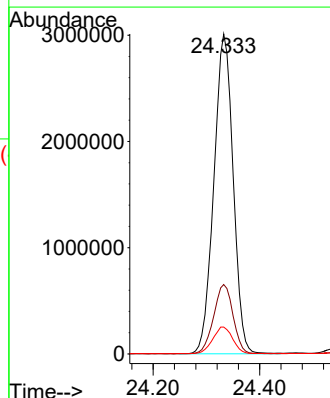
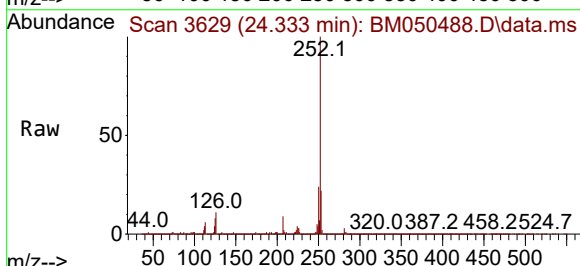
Tgt Ion:252 Resp: 7558280

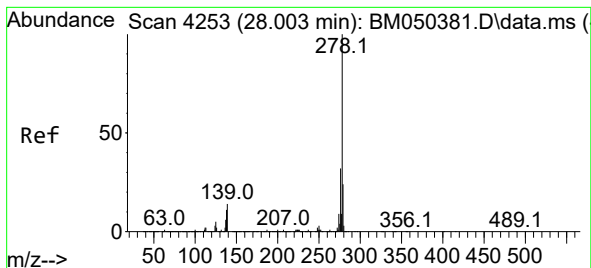
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 8.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 40.284 ng

RT: 27.968 min Scan# 41

Delta R.T. 0.024 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

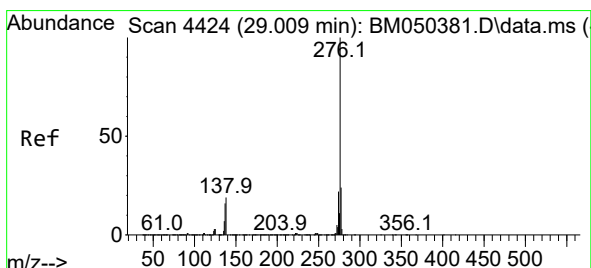
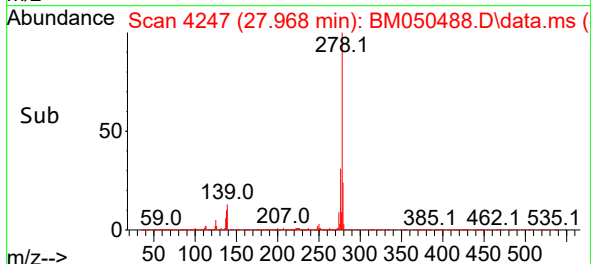
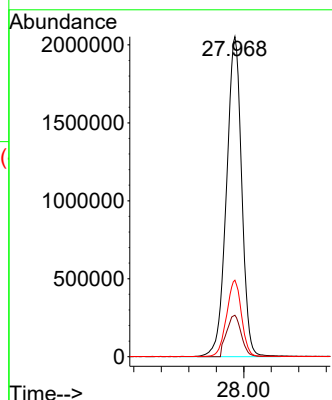
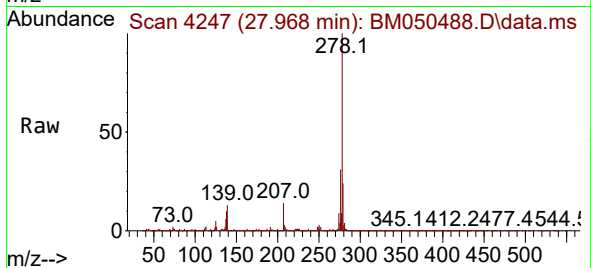
Tgt Ion:278 Resp: 7896753

Ion Ratio Lower Upper

278 100

139 13.0 10.8 16.2

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 41.216 ng

RT: 28.979 min Scan# 4419

Delta R.T. 0.035 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Tgt Ion:276 Resp: 7636056

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 17.5 14.9 22.3

